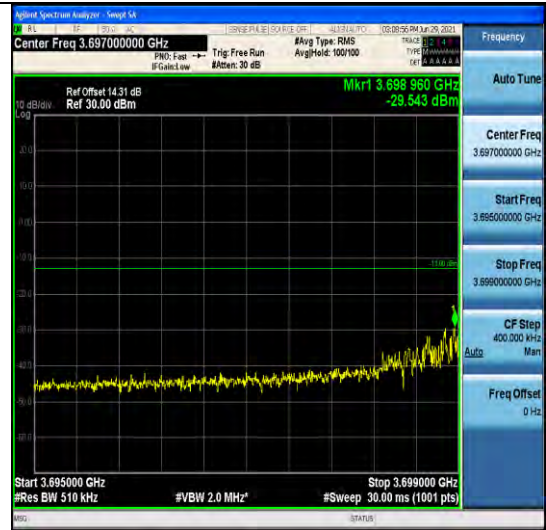
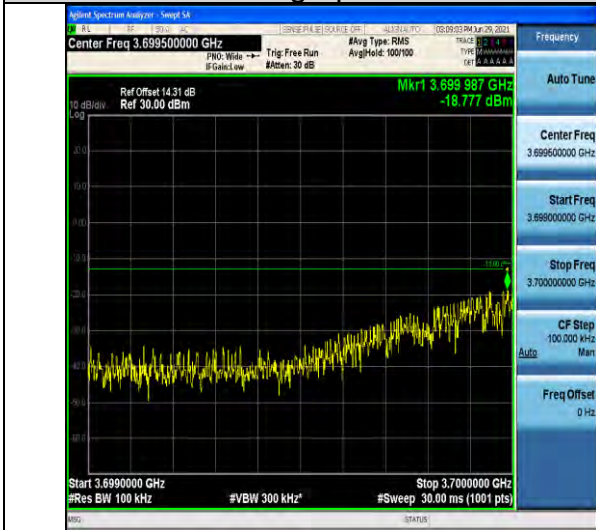


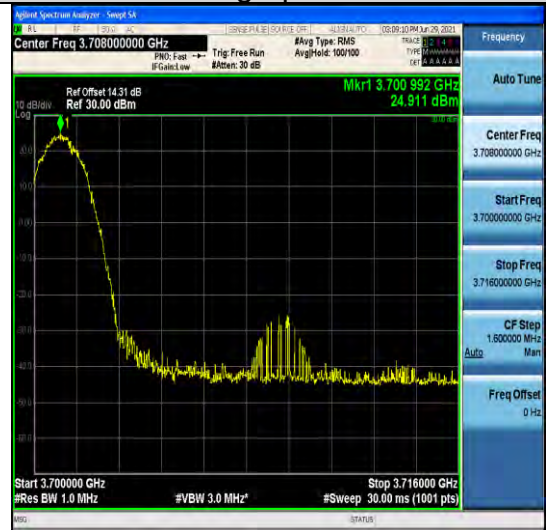
NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-Low-Edge\_1RB\_Left----3650-3695---see graph-PASS



NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-Low-Edge\_1RB\_Left----3695-3699---see graph-PASS



NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-Low-Edge\_1RB\_Left----3699-3700---see graph-PASS



NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-Low-Edge\_1RB\_Left----3700-3716---see graph-PASS

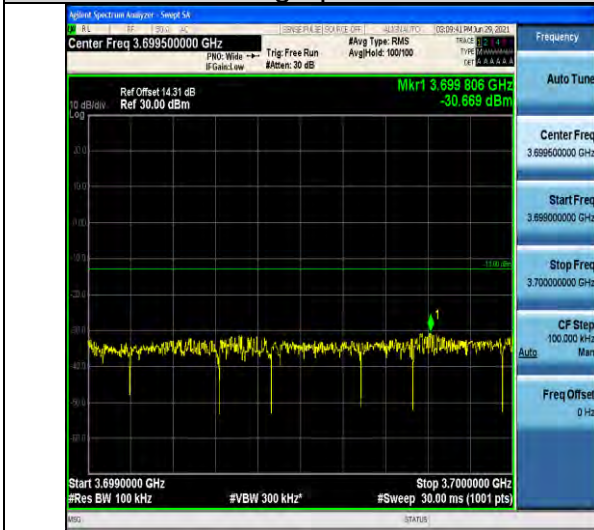




NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-Low-Outter\_Full-----3650-3695-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-Low-Outter\_Full-----3695-3699-----  
see graph-PASS

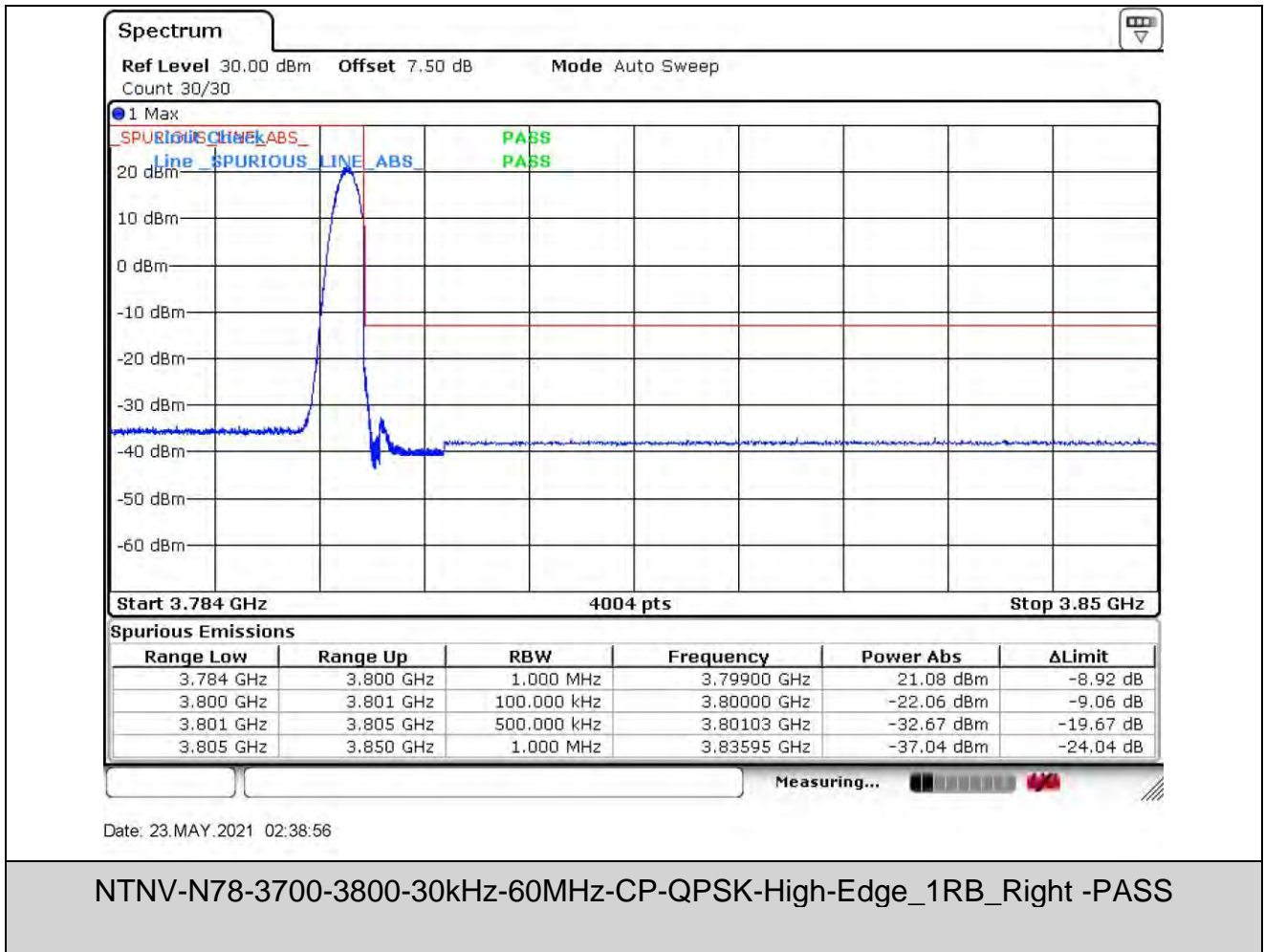


NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-Low-Outter\_Full-----3699-3700-----  
see graph-PASS



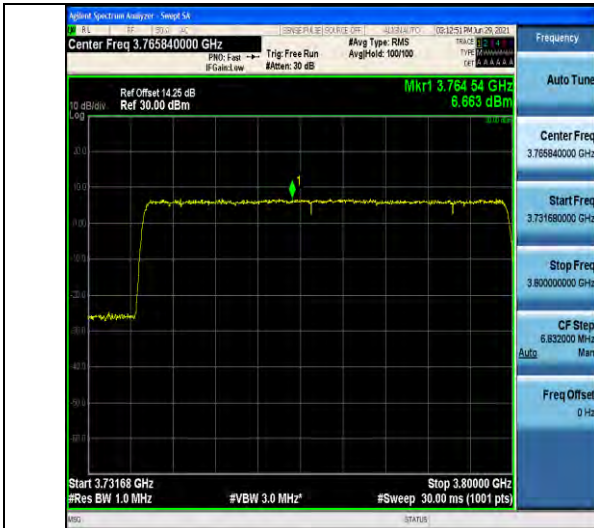
NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-Low-Outter\_Full-----3700-3768.32-----  
see graph-PASS



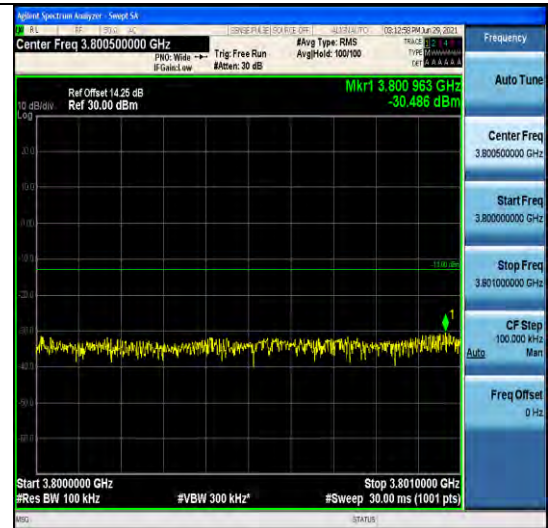


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-High-Outer\_Full----3731.68-3800----  
-see graph-PASS



NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-High-Outer\_Full----3800-3801-----  
see graph-PASS



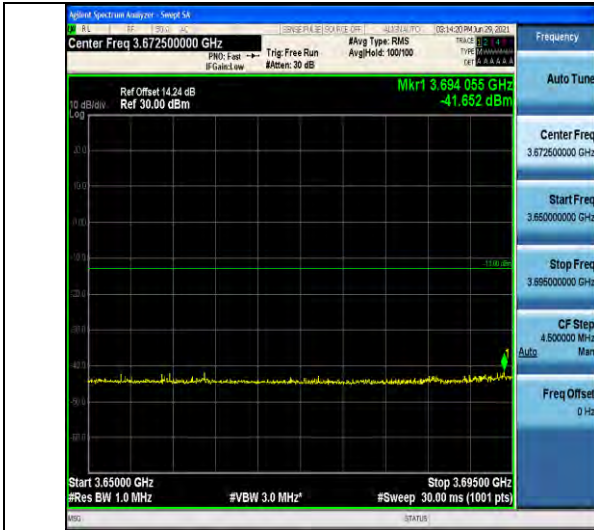
NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-High-Outer\_Full----3801-3805-----  
see graph-PASS



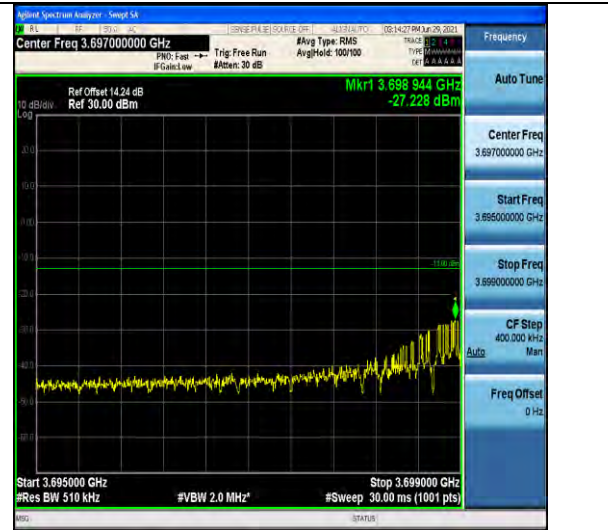
NTNV-N78-3700-3800-30kHz-60MHz-CP-QPSK-High-Outer\_Full----3805-3850-----  
see graph-PASS



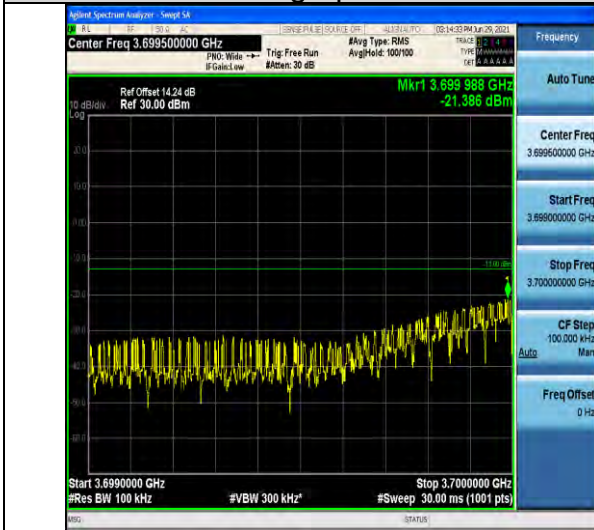
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



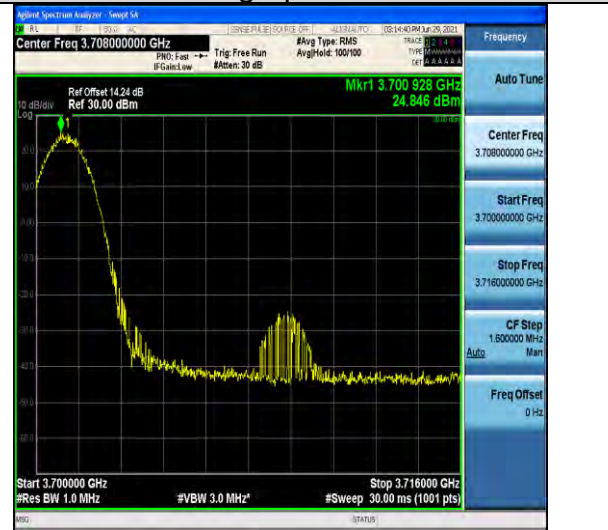
NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-Low-Edge\_1RB\_Left----3650-3695---see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-Low-Edge\_1RB\_Left----3695-3699---see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-Low-Edge\_1RB\_Left----3699-3700---see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-Low-Edge\_1RB\_Left----3700-3716---see graph-PASS

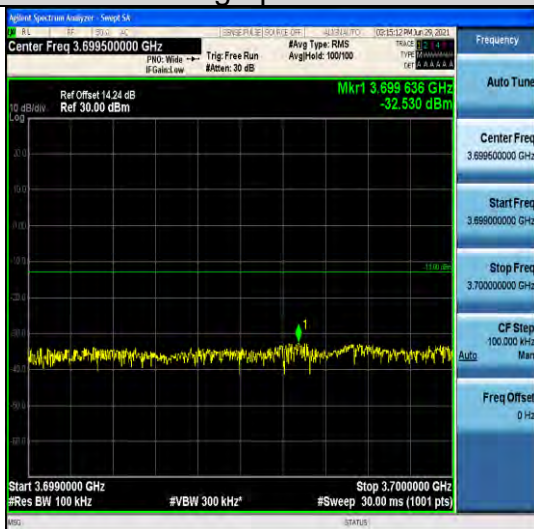




NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-Low-Outer\_Full-----3650-3695-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-Low-Outer\_Full-----3695-3699-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-Low-Outer\_Full-----3699-3700-----  
see graph-PASS

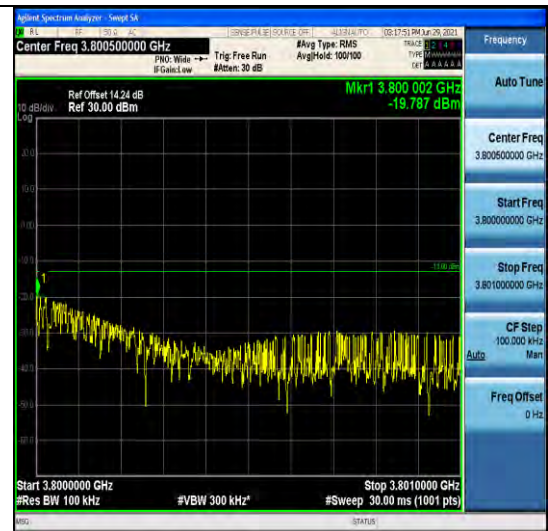


NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-Low-Outer\_Full-----3700-3787.76-----  
see graph-PASS

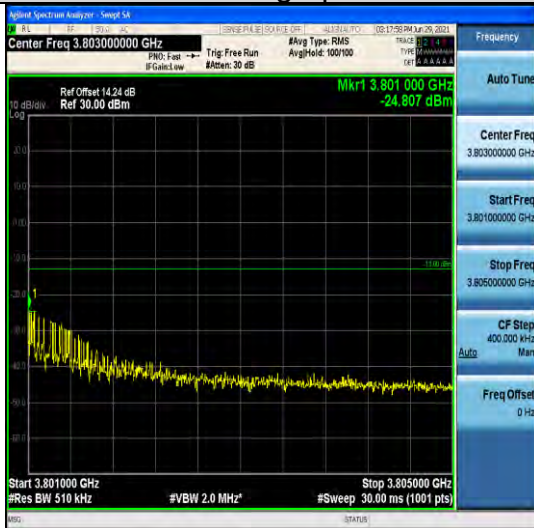




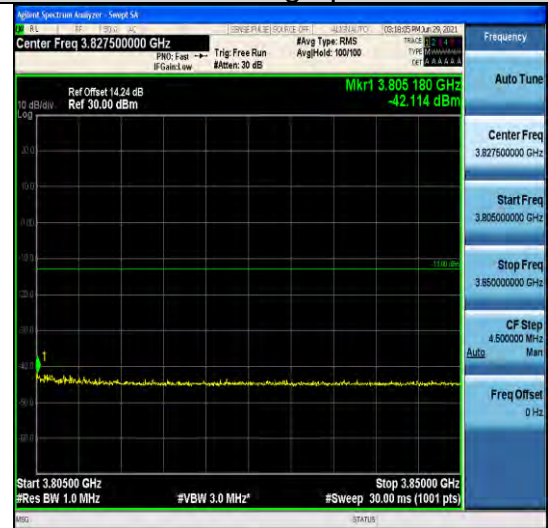
NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-High-Edge\_1RB\_Right-----3784-3800-----see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-High-Edge\_1RB\_Right-----3800-3801-----see graph-PASS

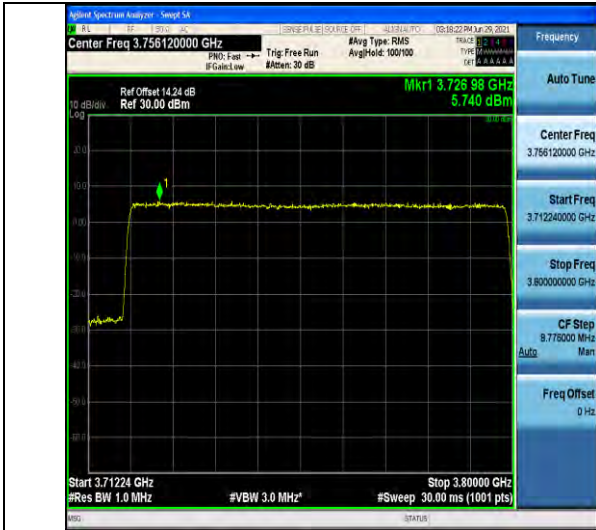


NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-High-Edge\_1RB\_Right-----3801-3805-----see graph-PASS

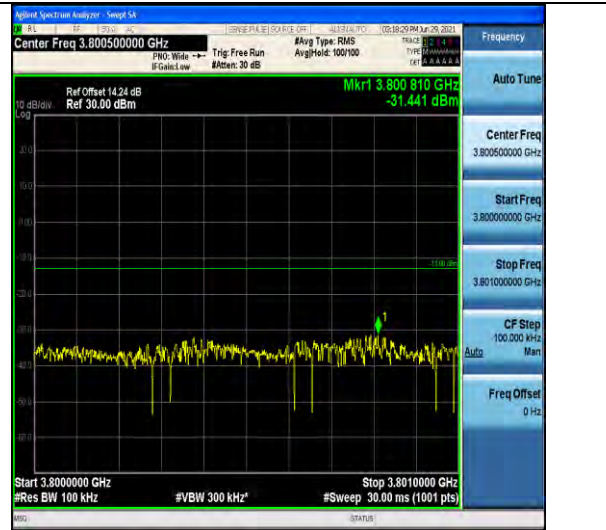


NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-High-Edge\_1RB\_Right-----3805-3850-----see graph-PASS

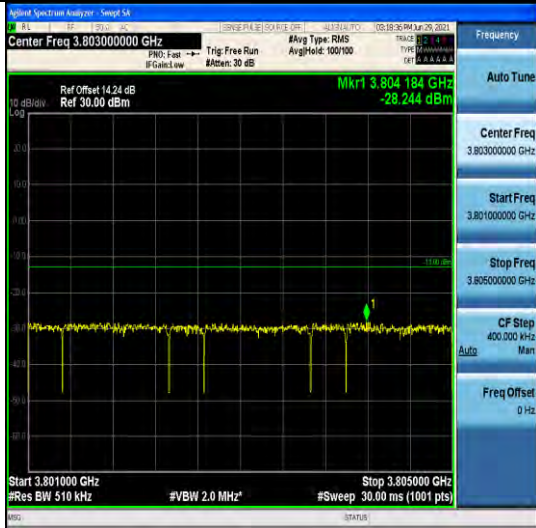




NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-High-Outter\_Full-----3712.24-3800-----  
-see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-High-Outter\_Full-----3800-3801-----  
see graph-PASS



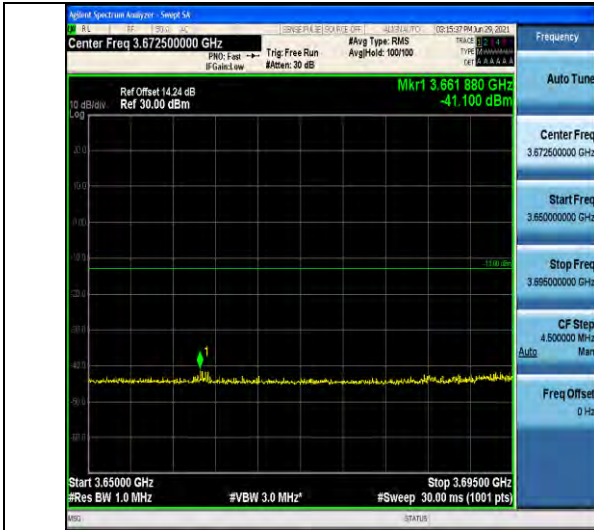
NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-High-Outter\_Full-----3801-3805-----  
see graph-PASS



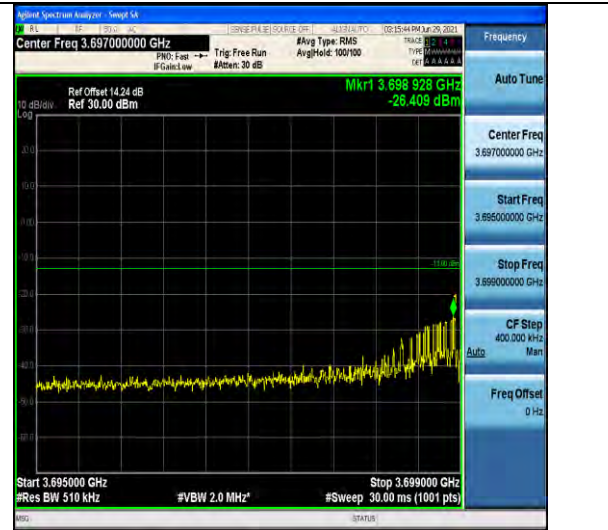
NTNV-N78-3700-3800-30kHz-80MHz-DFT-QPSK-High-Outter\_Full-----3805-3850-----  
see graph-PASS



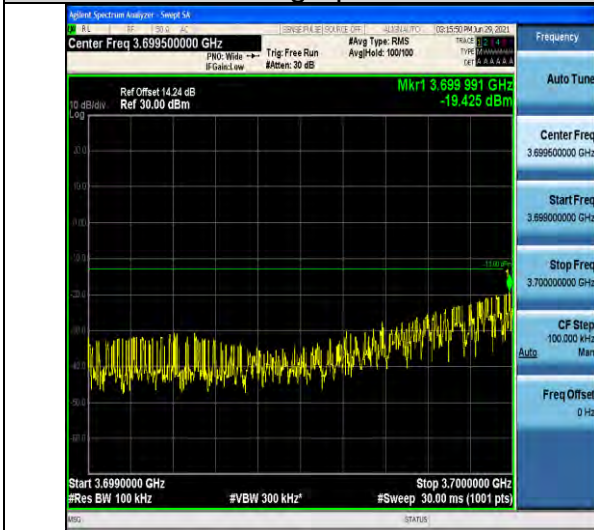




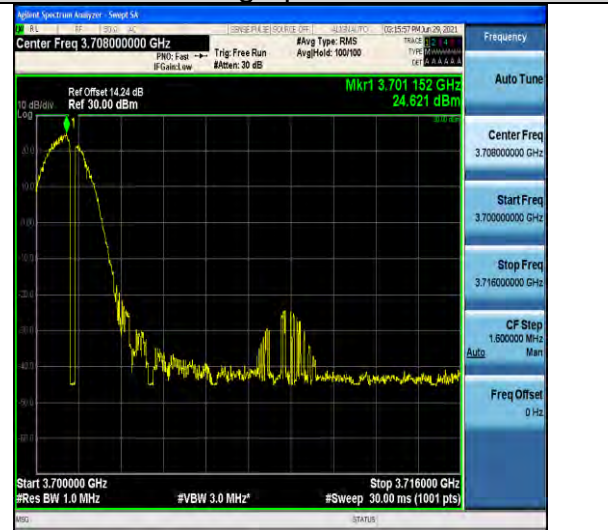
NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-Low-Edge\_1RB\_Left----3650-3695---see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-Low-Edge\_1RB\_Left----3695-3699---see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-Low-Edge\_1RB\_Left----3699-3700---see graph-PASS

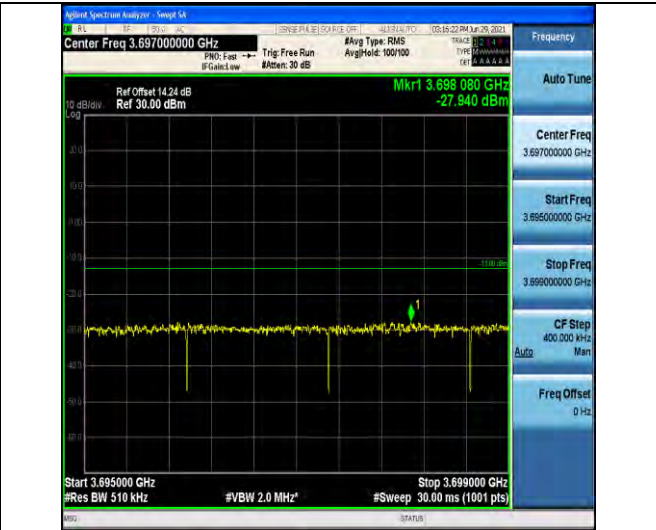


NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-Low-Edge\_1RB\_Left----3700-3716---see graph-PASS

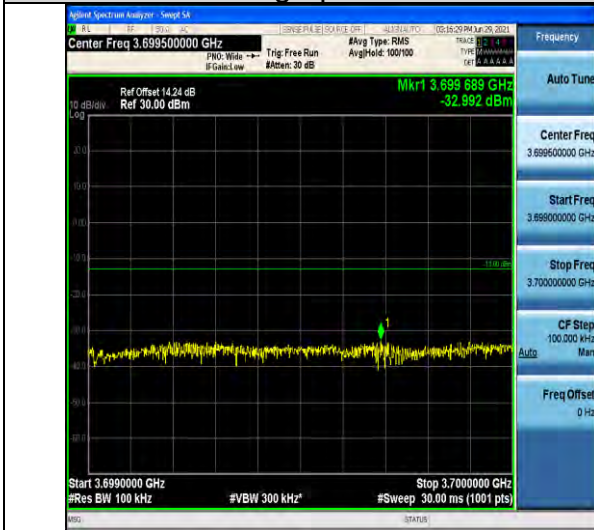




NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-Low-Outer\_Full-----3650-3695-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-Low-Outer\_Full-----3695-3699-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-Low-Outer\_Full-----3699-3700-----  
see graph-PASS

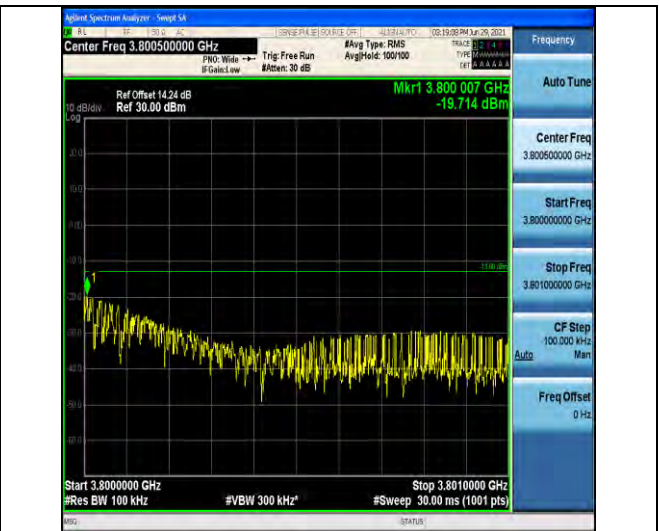


NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-Low-Outer\_Full-----3700-3788.12-----  
see graph-PASS

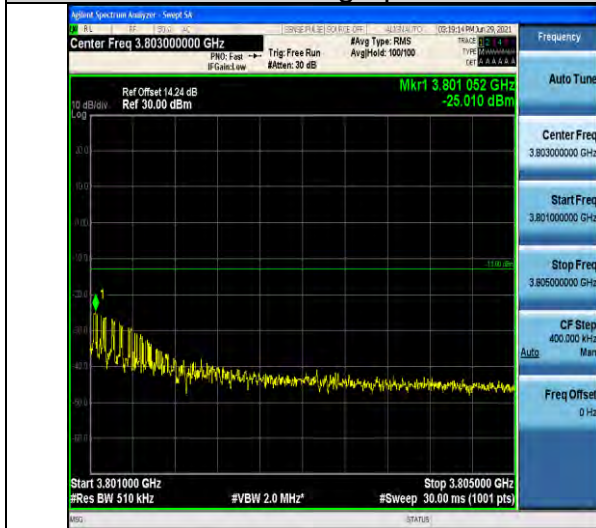




NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-High-Edge\_1RB\_Right----3784-3800----see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-High-Edge\_1RB\_Right----3800-3801----see graph-PASS

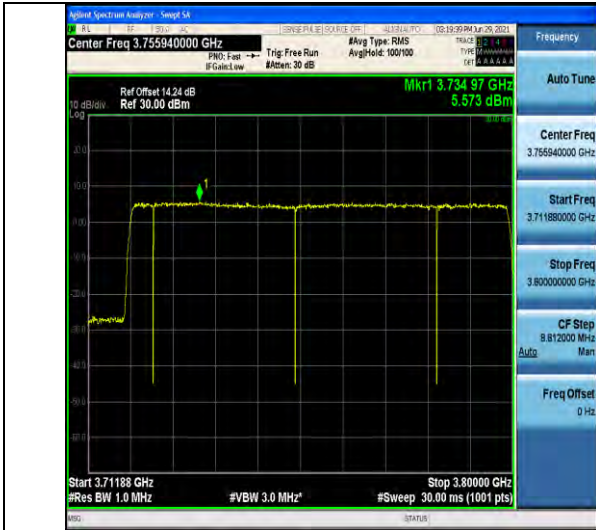


NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-High-Edge\_1RB\_Right----3801-3805----see graph-PASS

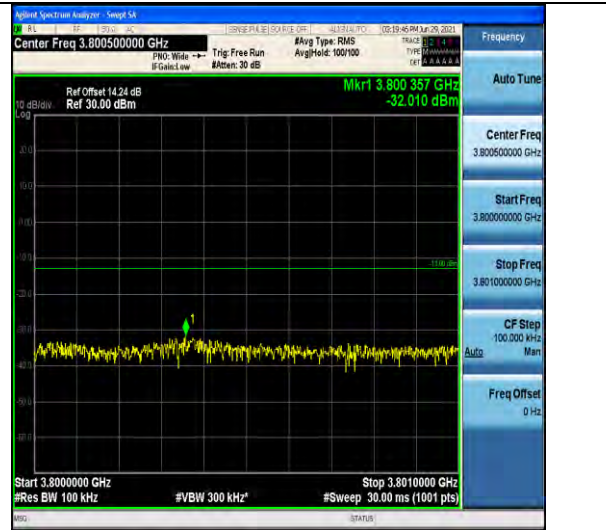


NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-High-Edge\_1RB\_Right----3805-3850----see graph-PASS





NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-High-Outer\_Full-----3711.88-3800-----  
-see graph-PASS



NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-High-Outer\_Full-----3800-3801-----  
see graph-PASS

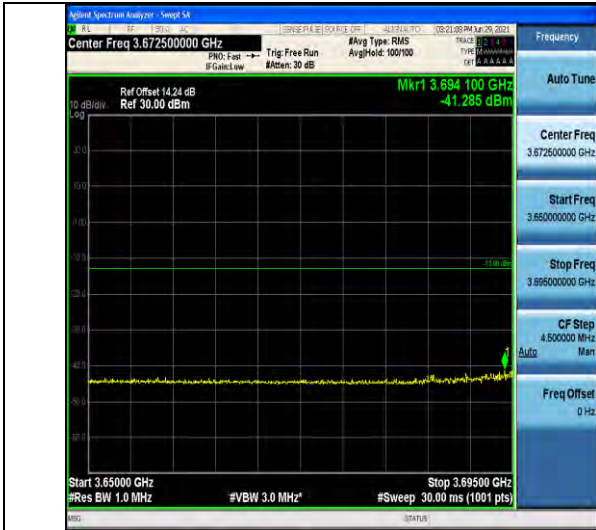


NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-High-Outer\_Full-----3801-3805-----  
see graph-PASS

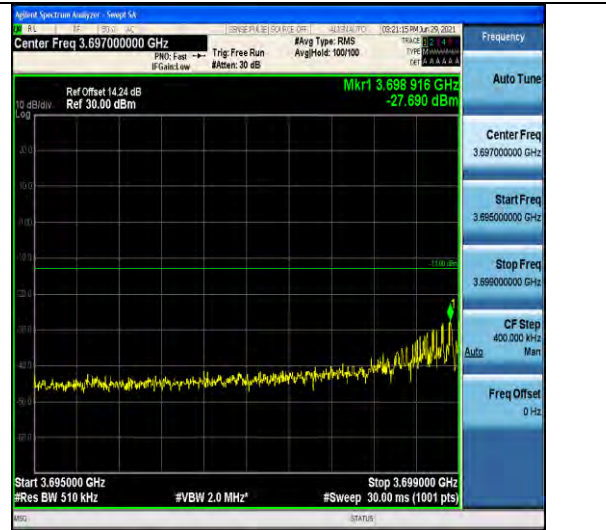


NTNV-N78-3700-3800-30kHz-80MHz-CP-QPSK-High-Outer\_Full-----3805-3850-----  
see graph-PASS

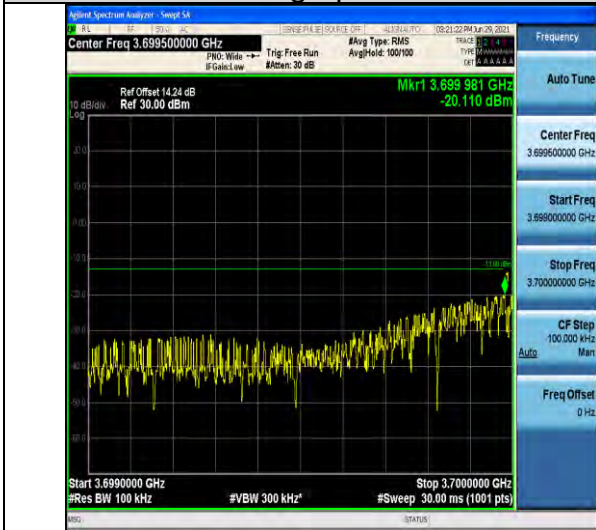




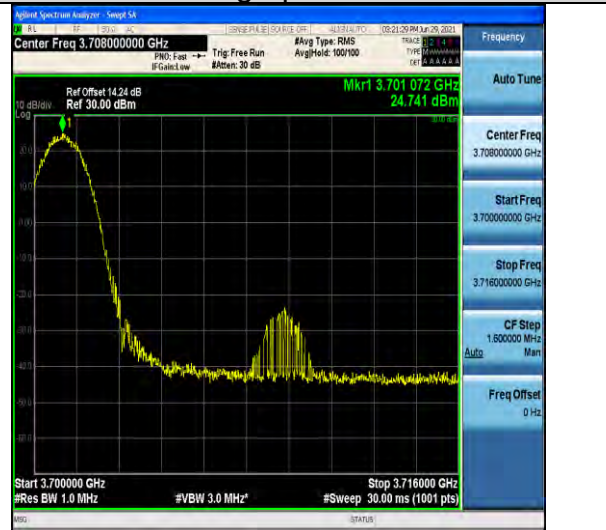
NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-Low-Edge\_1RB\_Left----3650-3695---see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-Low-Edge\_1RB\_Left----3695-3699---see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-Low-Edge\_1RB\_Left----3699-3700---see graph-PASS

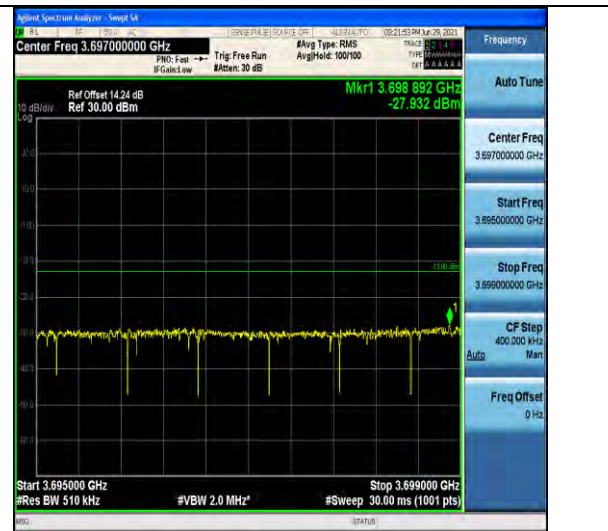


NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-Low-Edge\_1RB\_Left----3700-3716---see graph-PASS

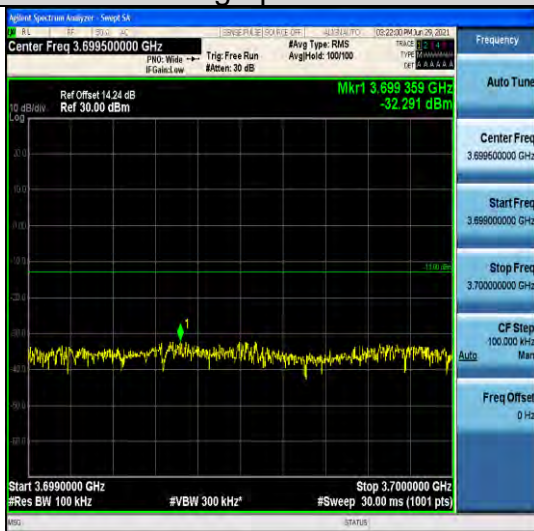




NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-Low-Outer\_Full-----3650-3695-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-Low-Outer\_Full-----3695-3699-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-Low-Outer\_Full-----3699-3700-----  
see graph-PASS

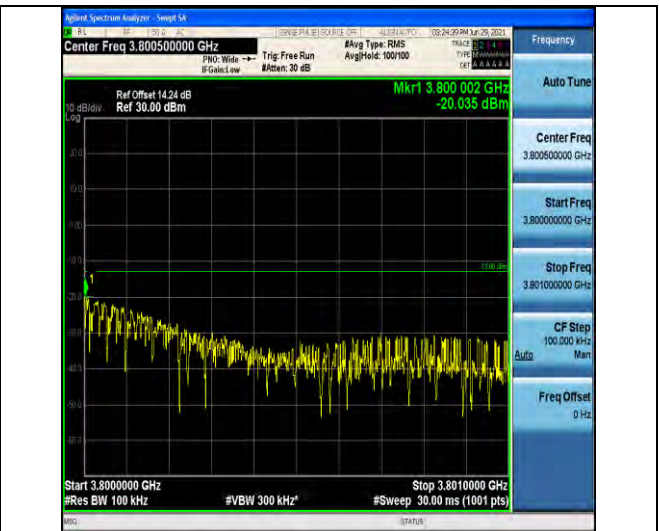


NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-Low-Outer\_Full-----3700-3796.4-----  
see graph-PASS

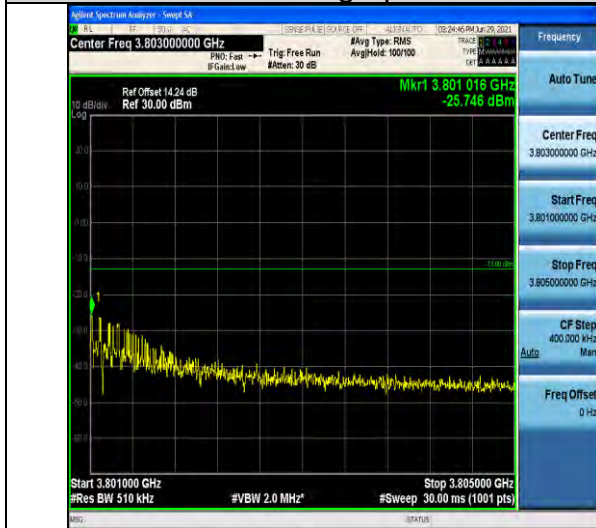




NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-High-Edge\_1RB\_Right-----3784-3800-----see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-High-Edge\_1RB\_Right-----3800-3801-----see graph-PASS

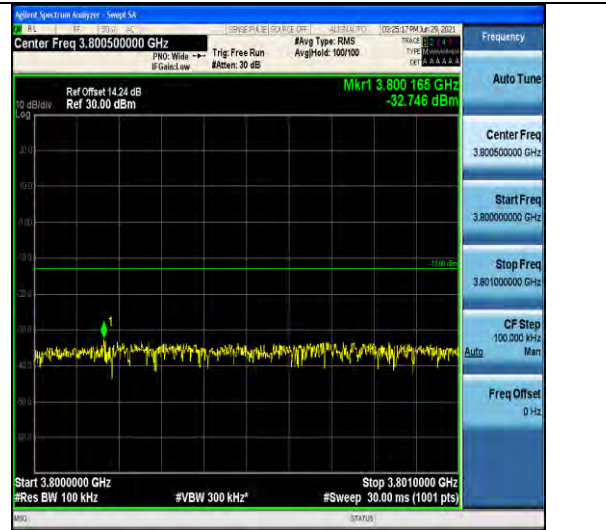
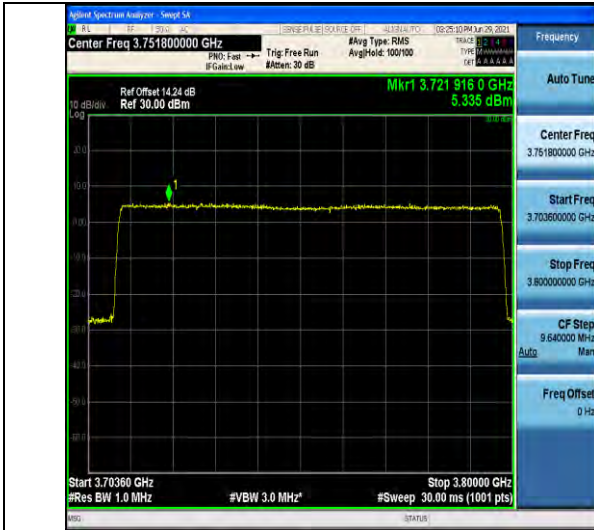


NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-High-Edge\_1RB\_Right-----3801-3805-----see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-High-Edge\_1RB\_Right-----3805-3850-----see graph-PASS





NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-High-Outer\_Full-----3703.6-3800-----  
see graph-PASS

NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-High-Outer\_Full-----3800-3801-----  
see graph-PASS

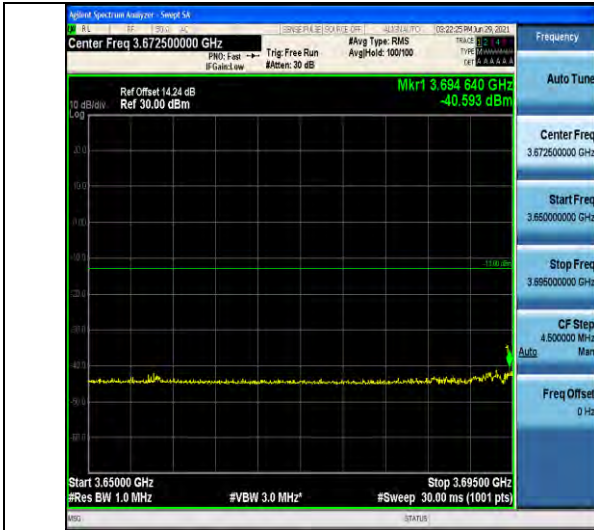


NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-High-Outer\_Full-----3801-3805-----  
see graph-PASS

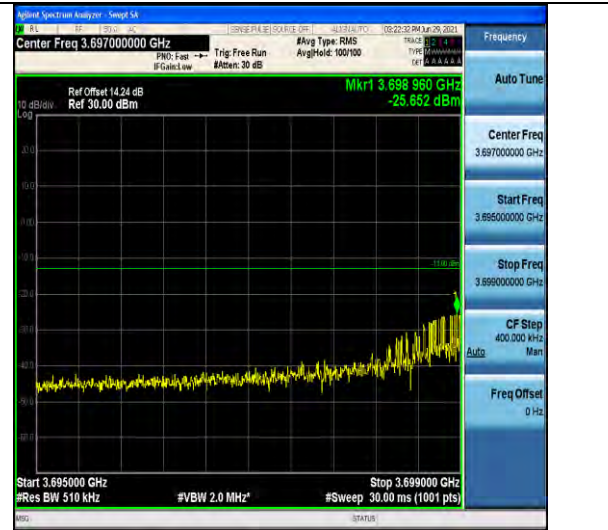
NTNV-N78-3700-3800-30kHz-90MHz-DFT-QPSK-High-Outer\_Full-----3805-3850-----  
see graph-PASS



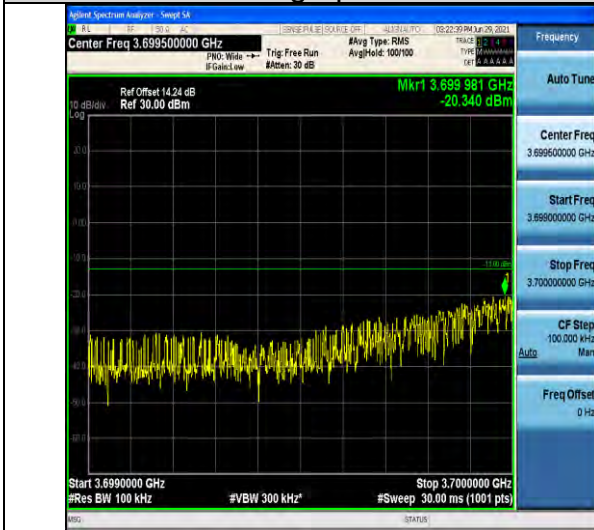




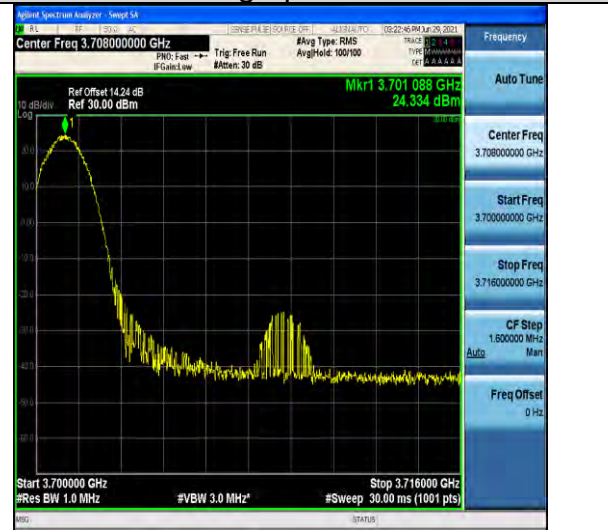
NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-Low-Edge\_1RB\_Left----3650-3695--  
---see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-Low-Edge\_1RB\_Left----3695-3699--  
---see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-Low-Edge\_1RB\_Left----3699-3700--  
---see graph-PASS

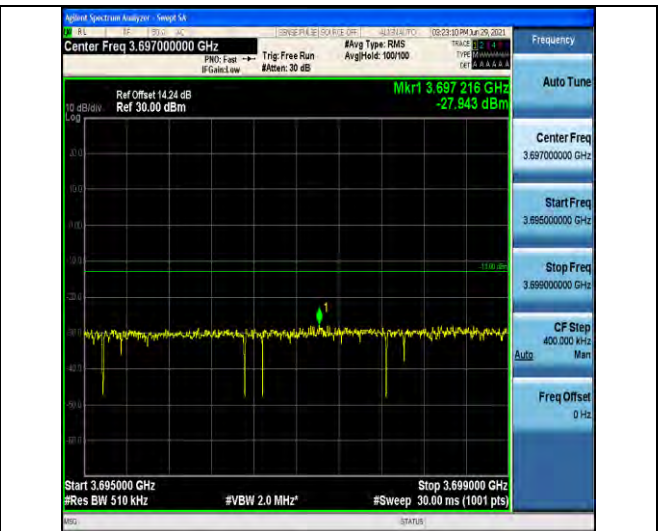


NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-Low-Edge\_1RB\_Left----3700-3716--  
---see graph-PASS

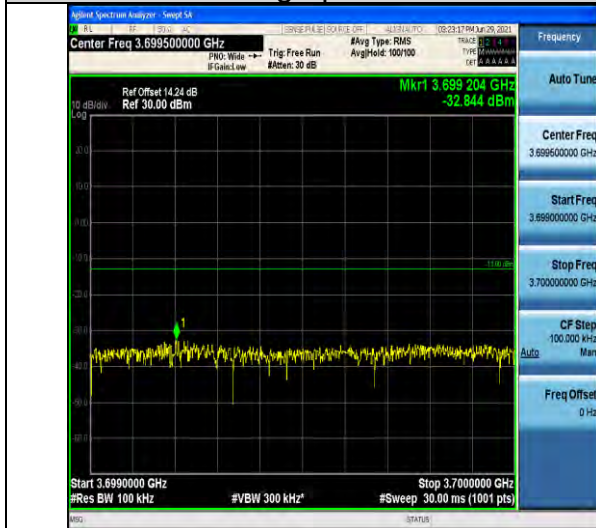




NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-Low-Outter\_Full-----3650-3695-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-Low-Outter\_Full-----3695-3699-----  
see graph-PASS

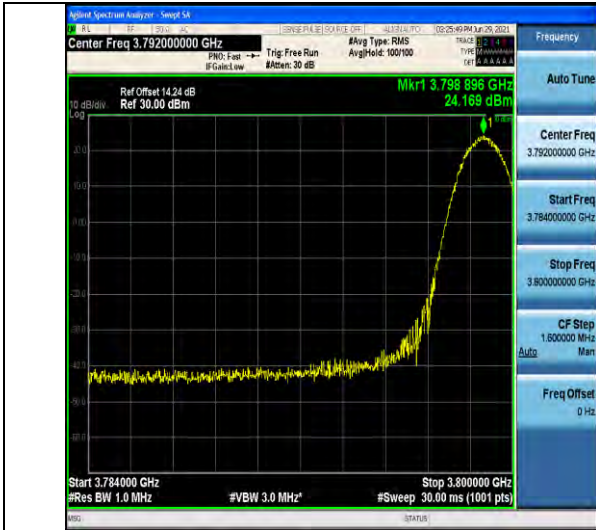


NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-Low-Outter\_Full-----3699-3700-----  
see graph-PASS

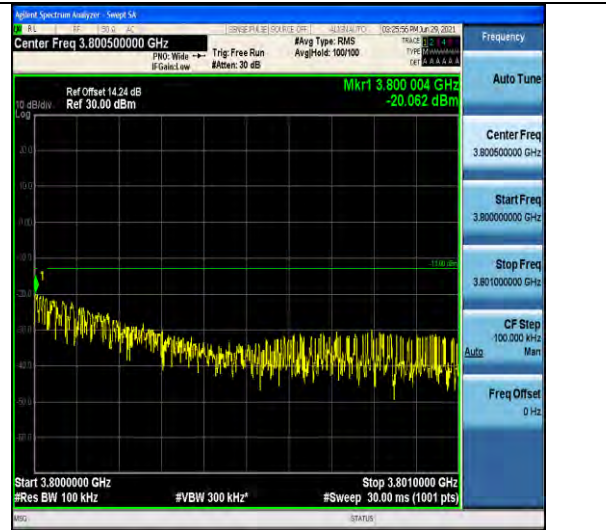


NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-Low-Outter\_Full-----3700-3798.2-----  
see graph-PASS

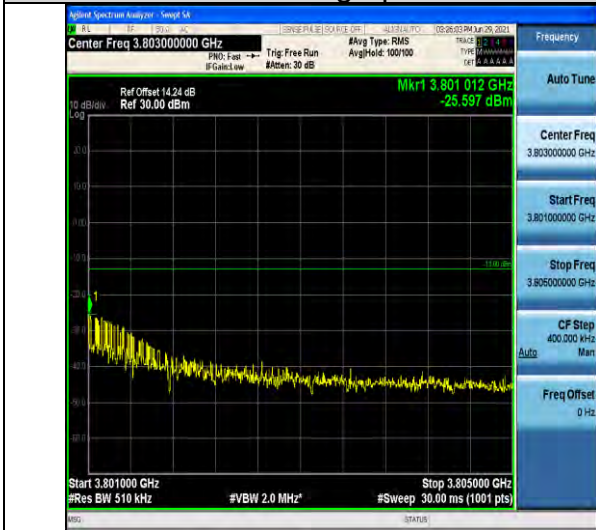




NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-High-Edge\_1RB\_Right-----3784-3800-----see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-High-Edge\_1RB\_Right-----3800-3801-----see graph-PASS

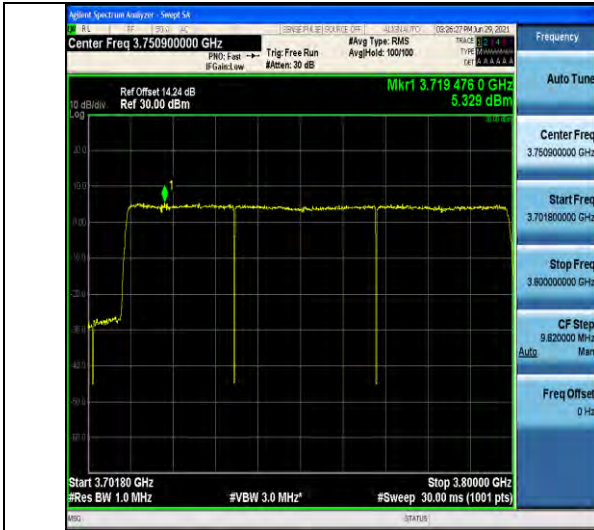


NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-High-Edge\_1RB\_Right-----3801-3805-----see graph-PASS

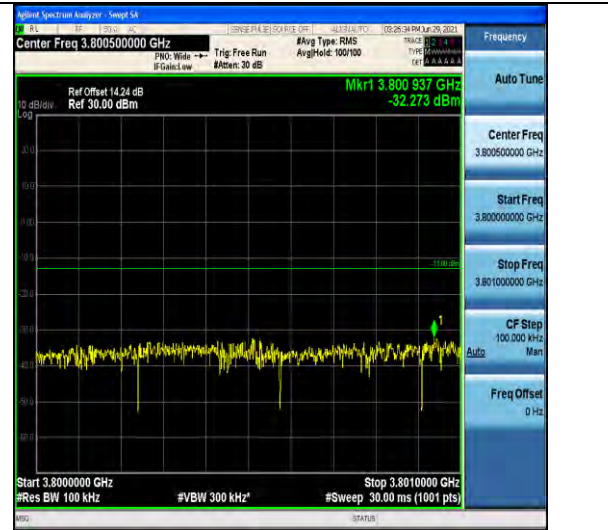


NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-High-Edge\_1RB\_Right-----3805-3850-----see graph-PASS

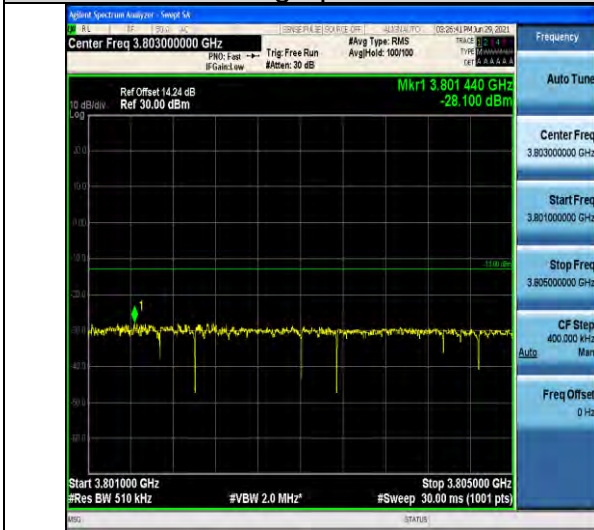




NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-High-Outter\_Full-----3701.8-3800-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-High-Outter\_Full-----3800-3801-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-High-Outter\_Full-----3801-3805-----  
see graph-PASS



NTNV-N78-3700-3800-30kHz-90MHz-CP-QPSK-High-Outter\_Full-----3805-3850-----  
see graph-PASS

**REMARK:**

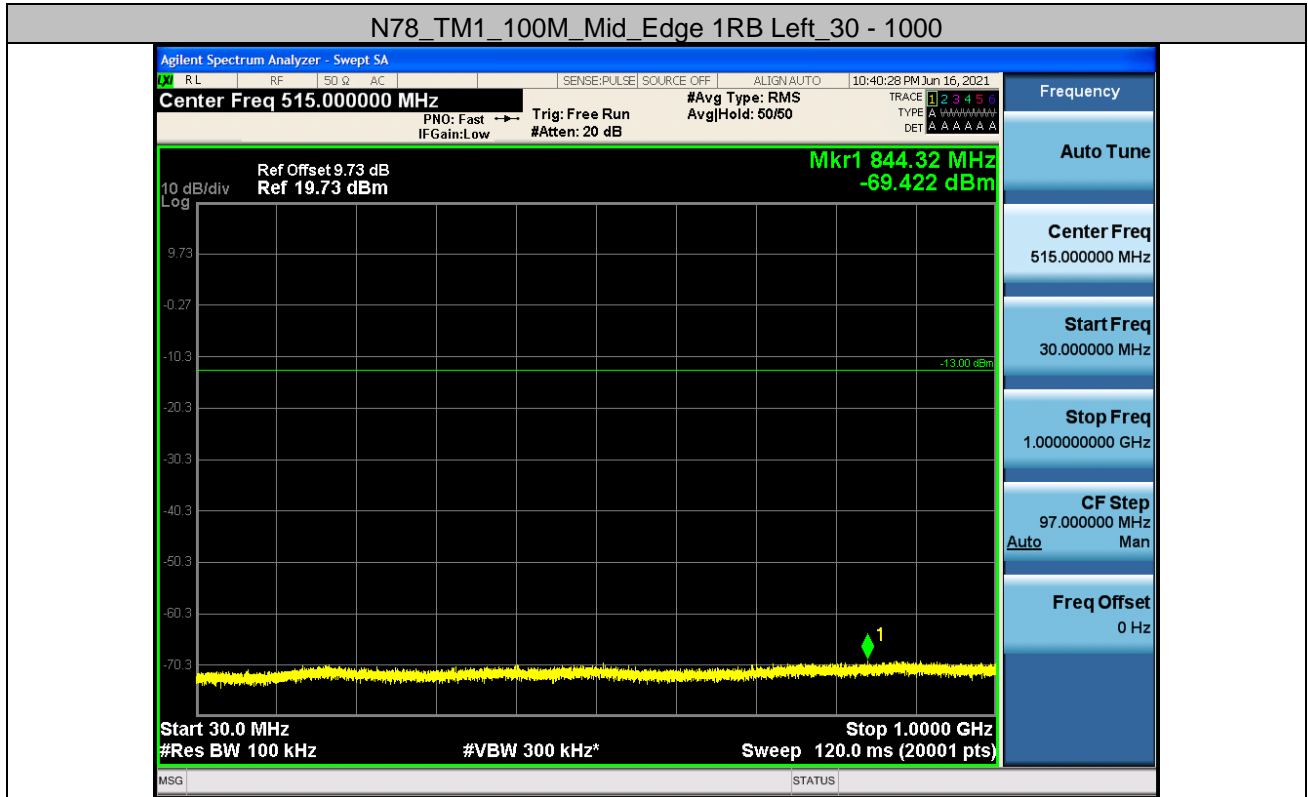
All antenna and all modulation had been tested, but only the worst case data displayed in this report



## 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.

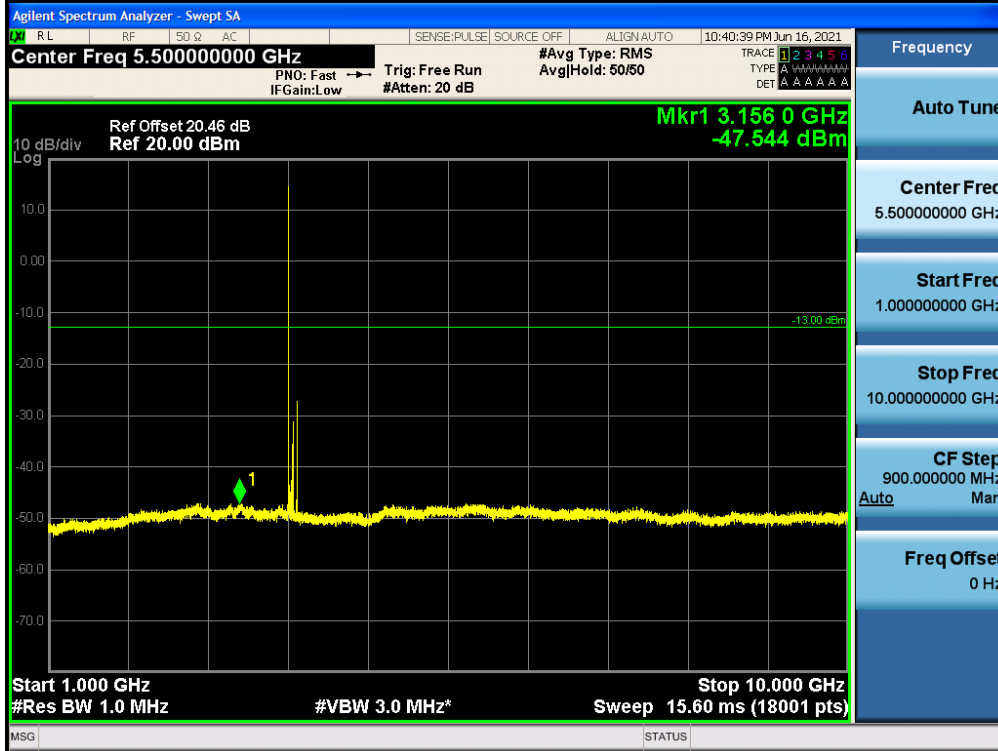
### 6.1 Test Plots



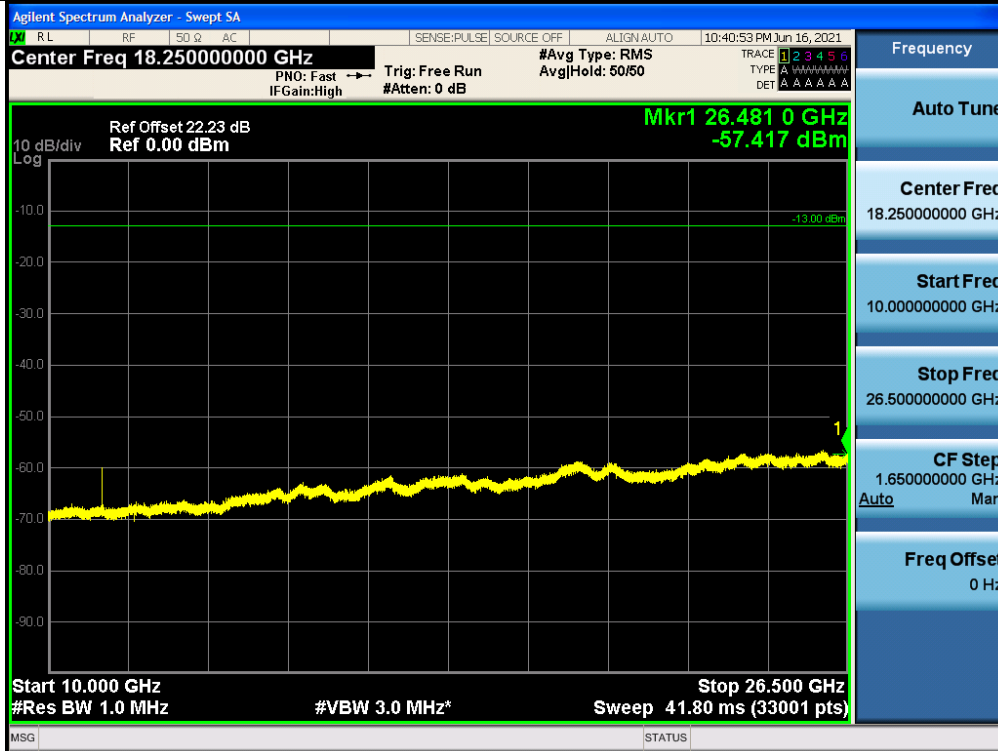
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

N78\_TM1\_100M\_Mid\_Edge 1RB Left\_1000 - 10000



N78\_TM1\_100M\_Mid\_Edge 1RB Left\_10000 - 26500



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](mailto:CN.Doccheck@sgs.com)



**REMARK:**

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-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**

## 7 Field Strength of Spurious Radiation

Below 1GHz:

### 7.1. Test Band = \_N78\_TM1 ANT2

#### 7.1.1. Test Channel = Low Channel

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.3285	38.61	-60.66	-25.00	35.66	-99.27	Horizontal
2	45.3291	32.93	-63.89	-25.00	38.89	-96.82	Horizontal
3	93.6447	25.29	-74.07	-25.00	49.07	-99.36	Horizontal
4	422.9286	21.99	-69.15	-25.00	44.15	-91.14	Horizontal
5	724.0768	20.94	-64.27	-25.00	39.27	-85.21	Horizontal
6	897.5475	20.13	-62.54	-25.00	37.54	-82.67	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-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**



**7.2. Test Band = \_N78\_TM1 ANT2**

**7.2.1. Test Channel = Low Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.3285	37.85	-61.42	-25.00	36.42	-99.27	Vertical
2	44.7469	34.51	-62.37	-25.00	37.37	-96.88	Vertical
3	112.0784	24.65	-74.12	-25.00	49.12	-98.77	Vertical
4	433.2126	25.15	-65.99	-25.00	40.99	-91.14	Vertical
5	742.3165	20.84	-64.09	-25.00	39.09	-84.93	Vertical
6	900.4581	20.80	-61.86	-25.00	36.86	-82.66	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**

**7.3. Test Band = \_N78\_TM1 ANT2**

**7.3.1. Test Channel = Mid Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.3285	37.91	-61.36	-25.00	36.36	-99.27	Horizontal
2	44.1648	32.61	-64.39	-25.00	39.39	-97.00	Horizontal
3	266.5333	24.24	-71.10	-25.00	46.10	-95.34	Horizontal
4	433.2126	24.96	-66.18	-25.00	41.18	-91.14	Horizontal
5	739.9880	20.67	-64.31	-25.00	39.31	-84.98	Horizontal
6	932.2805	20.70	-61.49	-25.00	36.49	-82.19	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-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**

**7.4. Test Band = \_N78\_TM1 ANT2**

**7.4.1. Test Channel = Mid Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.5225	37.82	-61.45	-25.00	36.45	-99.27	Vertical
2	44.7469	33.78	-63.10	-25.00	38.10	-96.88	Vertical
3	104.1228	24.43	-73.87	-25.00	48.87	-98.30	Vertical
4	433.2126	25.14	-66.00	-25.00	41.00	-91.14	Vertical
5	741.5403	20.99	-63.96	-25.00	38.96	-84.95	Vertical
6	973.0286	20.83	-61.03	-25.00	36.03	-81.86	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**

**7.5. Test Band = \_N78\_TM1 ANT2**  
**7.5.1. Test Channel = High Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.3285	37.65	-61.62	-25.00	36.62	-99.27	Horizontal
2	44.3589	33.19	-63.77	-25.00	38.77	-96.96	Horizontal
3	101.0182	23.69	-74.52	-25.00	49.52	-98.21	Horizontal
4	433.2126	24.92	-66.22	-25.00	41.22	-91.14	Horizontal
5	796.2593	20.87	-63.18	-25.00	38.18	-84.05	Horizontal
6	931.3103	21.54	-60.65	-25.00	35.65	-82.19	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-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**

**7.6. Test Band = \_N78\_TM1 ANT2**  
**7.6.1. Test Channel = High Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.3285	37.36	-61.91	-25.00	36.91	-99.27	Vertical
2	44.7469	33.60	-63.28	-25.00	38.28	-96.88	Vertical
3	96.1672	23.66	-75.23	-25.00	50.23	-98.89	Vertical
4	433.2126	25.65	-65.49	-25.00	40.49	-91.14	Vertical
5	737.8536	19.82	-65.22	-25.00	40.22	-85.04	Vertical
6	949.3559	20.66	-61.40	-25.00	36.40	-82.06	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**

**7.7. Test Band = \_N78\_TM1 ANT3**

**7.7.1. Test Channel = Low Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.3285	36.62	-62.65	-25.00	37.65	-99.27	Horizontal
2	43.9708	32.52	-64.52	-25.00	39.52	-97.04	Horizontal
3	95.7792	26.60	-72.36	-25.00	47.36	-98.96	Horizontal
4	311.3563	23.88	-70.20	-25.00	45.20	-94.08	Horizontal
5	709.9120	20.16	-65.47	-25.00	40.47	-85.63	Horizontal
6	973.2226	20.70	-61.16	-25.00	36.16	-81.86	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-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](mailto:CN.Doccheck@sgs.com)

**7.8. Test Band = \_N78\_TM1 ANT3**

**7.8.1. Test Channel = Low Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.3285	35.99	-63.28	-25.00	38.28	-99.27	Vertical
2	44.5529	31.46	-65.46	-25.00	40.46	-96.92	Vertical
3	95.3911	26.56	-72.47	-25.00	47.47	-99.03	Vertical
4	337.3575	24.03	-69.33	-25.00	44.33	-93.36	Vertical
5	598.7277	19.16	-67.71	-25.00	42.71	-86.87	Vertical
6	978.2677	20.50	-61.36	-25.00	36.36	-81.86	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**

**7.9. Test Band = \_N78\_TM1 ANT3**

**7.9.1. Test Channel = Mid Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.3281	39.92	-59.35	-13.00	46.35	-99.27	Horizontal
2	44.6962	36.08	-60.81	-13.00	47.81	-96.89	Horizontal
3	119.9720	29.46	-70.44	-13.00	57.44	-99.90	Horizontal
4	333.2372	29.07	-64.47	-13.00	51.47	-93.54	Horizontal
5	433.2492	28.53	-62.61	-13.00	49.61	-91.14	Horizontal
6	811.3741	22.70	-61.30	-13.00	48.30	-84.00	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-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](mailto:CN.Doccheck@sgs.com)



**7.10. Test Band = \_N78\_TM1 ANT3**

**7.10.1. Test Channel = Mid Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.2796	39.65	-59.62	-13.00	46.62	-99.27	Vertical
2	44.6962	35.49	-61.40	-13.00	48.40	-96.89	Vertical
3	98.3884	27.27	-71.21	-13.00	58.21	-98.48	Vertical
4	216.0068	28.84	-68.13	-13.00	55.13	-96.97	Vertical
5	433.2492	29.22	-61.92	-13.00	48.92	-91.14	Vertical
6	984.7702	23.32	-58.49	-13.00	45.49	-81.81	Vertical



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

**7.11. Test Band = \_N78\_TM1 ANT3**

**7.11.1. Test Channel = High Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.5221	39.44	-59.83	-13.00	46.83	-99.27	Horizontal
2	44.4537	34.85	-62.09	-13.00	49.09	-96.94	Horizontal
3	119.9720	29.80	-70.10	-13.00	57.10	-99.90	Horizontal
4	305.2028	27.77	-66.65	-13.00	53.65	-94.42	Horizontal
5	804.0502	22.76	-61.22	-13.00	48.22	-83.98	Horizontal
6	986.1283	23.72	-58.08	-13.00	45.08	-81.80	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-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**

**7.12. Test Band = \_N78\_TM1\_ANT3**

**7.12.1. Test Channel = High Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	32.6191	40.47	-58.80	-13.00	45.80	-99.27	Vertical
2	44.6477	35.90	-61.00	-13.00	48.00	-96.90	Vertical
3	102.0746	28.04	-70.20	-13.00	57.20	-98.24	Vertical
4	333.2372	29.53	-64.01	-13.00	51.01	-93.54	Vertical
5	724.9427	23.73	-61.49	-13.00	48.49	-85.22	Vertical
6	998.8359	23.11	-58.52	-13.00	45.52	-81.63	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**

Above 1GHz:

**7.13. Test Band = \_N78\_TM1 ANT2**

**7.13.1. Test Channel = Low Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1276.9138	22.44	-48.01	-13.00	35.01	-70.45	Horizontal
2	2494.3747	22.47	-44.19	-13.00	31.19	-66.66	Horizontal
3	4602.0801	52.13	-59.36	-13.00	46.36	-111.49	Horizontal
4	9735.3368	48.30	-49.89	-13.00	36.89	-98.19	Horizontal
5	14048.802	46.84	-45.13	-13.00	32.13	-91.97	Horizontal
6	17913.745	49.42	-43.53	-13.00	30.53	-92.95	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-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**

**7.14. Test Band = \_N78\_TM1 ANT2**

**7.14.1. Test Channel = Low Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1276.0138	22.72	-47.76	-13.00	34.76	-70.48	Vertical
2	1922.0461	26.21	-43.37	-13.00	30.37	-69.58	Vertical
3	6756.1878	50.40	-53.56	-13.00	40.56	-103.96	Vertical
4	11907.445	47.43	-46.81	-13.00	33.81	-94.24	Vertical
5	16425.671	49.24	-44.97	-13.00	31.97	-94.21	Vertical
6	17990.249	49.97	-43.71	-13.00	30.71	-93.68	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**

**7.15. Test Band = \_N78\_TM1 ANT2**

**7.15.1. Test Channel = Mid Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1287.6144	22.35	-48.16	-13.00	35.16	-70.51	Horizontal
2	1783.9392	29.63	-40.48	-13.00	27.48	-70.11	Horizontal
3	5699.3850	49.87	-56.92	-13.00	43.92	-106.79	Horizontal
4	7974.2487	49.44	-52.48	-13.00	39.48	-101.92	Horizontal
5	11924.696	47.89	-46.62	-13.00	33.62	-94.51	Horizontal
6	17996.249	50.27	-43.53	-13.00	30.53	-93.80	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-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](mailto:CN.Doccheck@sgs.com)

**7.16. Test Band = \_N78\_TM1 ANT2**

**7.16.1. Test Channel = Mid Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1321.7161	22.24	-48.29	-13.00	35.29	-70.53	Vertical
2	2320.5660	22.66	-44.81	-13.00	31.81	-67.47	Vertical
3	2950.8975	22.01	-42.69	-13.00	29.69	-64.70	Vertical
4	5032.6016	51.07	-58.70	-13.00	45.70	-109.77	Vertical
5	8395.0198	49.42	-51.60	-13.00	38.60	-101.02	Vertical
6	17988.749	49.68	-43.96	-13.00	30.96	-93.64	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**

**7.17. Test Band = \_N78\_TM1 ANT2**

**7.17.1. Test Channel = High Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1377.2189	22.09	-48.09	-13.00	35.09	-70.18	Horizontal
2	1728.1364	25.33	-44.85	-13.00	31.85	-70.18	Horizontal
3	2999.6000	22.01	-42.45	-13.00	29.45	-64.46	Horizontal
4	6217.6609	50.88	-55.43	-13.00	42.43	-106.31	Horizontal
5	11106.405	49.80	-46.24	-13.00	33.24	-96.04	Horizontal
6	17949.747	49.13	-43.70	-13.00	30.70	-92.83	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-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**



**7.18. Test Band = \_N78\_TM1 ANT2**

**7.18.1. Test Channel = High Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1336.2168	22.22	-48.21	-13.00	35.21	-70.43	Vertical
2	1984.9492	22.37	-46.41	-13.00	33.41	-68.78	Vertical
3	2748.6874	22.44	-43.29	-13.00	30.29	-65.73	Vertical
4	5803.6402	50.54	-56.80	-13.00	43.80	-107.34	Vertical
5	9022.0511	48.73	-50.28	-13.00	37.28	-99.01	Vertical
6	14034.551	46.95	-45.23	-13.00	32.23	-92.18	Vertical



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

**7.19. Test Band = \_N78\_TM1 ANT3**

**7.19.1. Test Channel = High Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1028.3014	23.89	-46.97	-13.00	33.97	-70.86	Vertical
2	1532.1266	23.31	-46.62	-13.00	33.62	-69.93	Vertical
3	2938.9970	23.87	-40.88	-13.00	27.88	-64.75	Vertical
4	5803.6402	50.74	-56.60	-13.00	43.60	-107.34	Vertical
5	10717.885	49.18	-48.01	-13.00	35.01	-97.19	Vertical
6	17930.246	50.60	-42.30	-13.00	29.30	-92.90	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**

**7.20. Test Band = \_N78\_TM1 ANT3**

**7.20.1. Test Channel = High Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1119.4060	23.55	-47.54	-13.00	34.54	-71.09	Horizontal
2	1728.0364	29.90	-40.28	-13.00	27.28	-70.18	Horizontal
3	2953.9977	22.73	-41.98	-13.00	28.98	-64.71	Horizontal
4	5456.3728	51.47	-56.61	-13.00	43.61	-108.08	Horizontal
5	11106.405	49.30	-46.74	-13.00	33.74	-96.04	Horizontal
6	17949.747	49.53	-43.30	-13.00	30.30	-92.83	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-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**

**7.21. Test Band = \_N78\_TM1 ANT3**

**7.21.1. Test Channel = Low Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1079.2040	21.48	-48.68	-13.00	35.68	-70.16	Horizontal
2	1550.7275	21.37	-48.77	-13.00	35.77	-70.14	Horizontal
3	2906.3953	22.12	-42.93	-13.00	29.93	-65.05	Horizontal
4	4949.3475	50.89	-58.85	-13.00	45.85	-109.74	Horizontal
5	9029.5515	49.20	-49.84	-13.00	36.84	-99.04	Horizontal
6	17913.745	48.72	-44.23	-13.00	31.23	-92.95	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-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**

**7.22. Test Band = \_N78\_TM1 ANT3**

**7.22.1. Test Channel = Low Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1109.9055	21.52	-48.85	-13.00	35.85	-70.37	Vertical
2	1922.0461	25.61	-43.97	-13.00	30.97	-69.58	Vertical
3	2934.9968	21.70	-43.03	-13.00	30.03	-64.73	Vertical
4	5327.3664	50.53	-58.37	-13.00	45.37	-108.90	Vertical
5	9258.3129	46.83	-51.68	-13.00	38.68	-98.51	Vertical
6	17907.745	48.69	-44.28	-13.00	31.28	-92.97	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**

**7.23. Test Band = \_N78\_TM1\_ANT3**

**7.23.1. Test Channel = Mid Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1080.5040	21.59	-48.52	-13.00	35.52	-70.11	Horizontal
2	1680.9340	20.56	-49.40	-13.00	36.40	-69.96	Horizontal
3	2983.8992	21.57	-43.17	-13.00	30.17	-64.74	Horizontal
4	5699.3850	49.57	-57.22	-13.00	44.22	-106.79	Horizontal
5	9017.5509	46.81	-52.18	-13.00	39.18	-98.99	Horizontal
6	17925.746	48.24	-44.67	-13.00	31.67	-92.91	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-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**

**7.24. Test Band = \_N78\_TM1 ANT3**

**7.24.1. Test Channel = Mid Channel**

Suspected Data List							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	1084.3042	21.43	-48.80	-13.00	35.80	-70.23	Vertical
2	1767.0384	22.31	-47.67	-13.00	34.67	-69.98	Vertical
3	2986.8993	21.57	-43.18	-13.00	30.18	-64.75	Vertical
4	5697.8849	48.90	-57.91	-13.00	44.91	-106.81	Vertical
5	9594.3297	47.36	-50.93	-13.00	37.93	-98.29	Vertical
6	17918.245	48.29	-44.65	-13.00	31.65	-92.94	Vertical

REMARK:

- 1) All antenna and all modulation (SA+NSA) 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-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**

## 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
N78	30KHz	100MHz	TM1	650000	Outer Full	VL	NT	-6.33	-0.00169	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	NT	8.07	0.00215	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VH	NT	0.23	0.00006	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VL	NT	-12.70	-0.00339	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	NT	3.83	0.00102	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VH	NT	-10.98	-0.00293	±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
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	-30	-2.95	-0.00079	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	-20	-11.77	-0.00314	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	-10	14.89	0.00397	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	0	10.96	0.00292	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	10	-7.77	-0.00207	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	20	10.64	0.00284	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	30	-12.62	-0.00337	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	40	11.36	0.00303	±2.5	PASS
N78	30KHz	100MHz	TM1	650000	Outer Full	VN	50	-2.50	-0.00067	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	-30	-2.08	-0.00055	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	-20	4.18	0.00111	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	-10	3.13	0.00083	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	0	-12.93	-0.00345	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	10	11.95	0.00319	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	20	-9.13	-0.00243	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	30	-12.05	-0.00321	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	40	5.90	0.00157	±2.5	PASS
N78	30KHz	100MHz	TM6	650000	Outer Full	VN	50	5.91	0.00158	±2.5	PASS

**REMARK:**

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

The End



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**