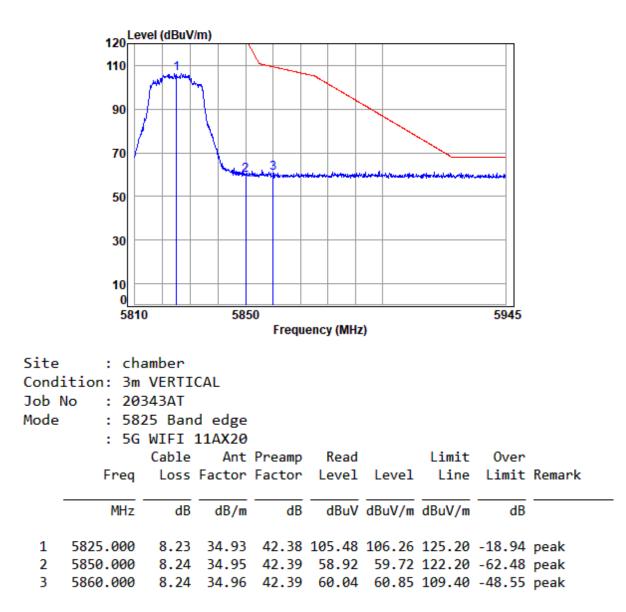


Report No.: SZCR210402034305

Page: 431 of 843

Test Mode: 08; Polarity: Vertical; Bandwidth:20MHz; Channel:High





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (8.0.Doccheck@egs.com").

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

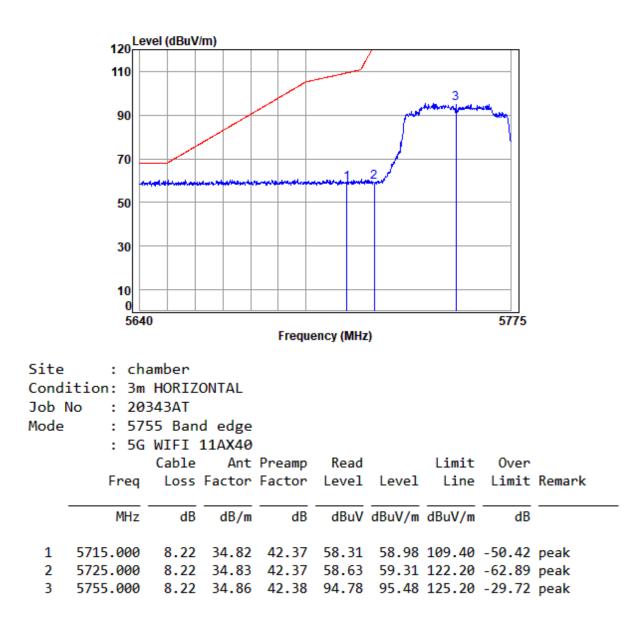
www.sgsgroup.com.cn



Report No.: SZCR210402034305

Page: 432 of 843

Test Mode: 08; Polarity: Horizontal; Bandwidth:40MHz; Channel:Low





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (8.0.Doccheck@egs.com").

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

Member of the SGS Group (SGS SA)

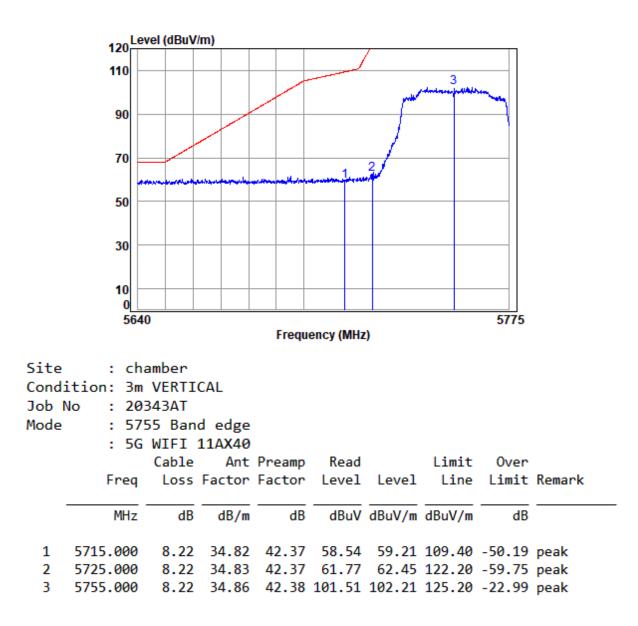
www.sgsgroup.com.cn



Report No.: SZCR210402034305

Page: 433 of 843

Test Mode: 08; Polarity: Vertical; Bandwidth:40MHz; Channel:Low





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (8.0.Doccheck@egs.com").

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

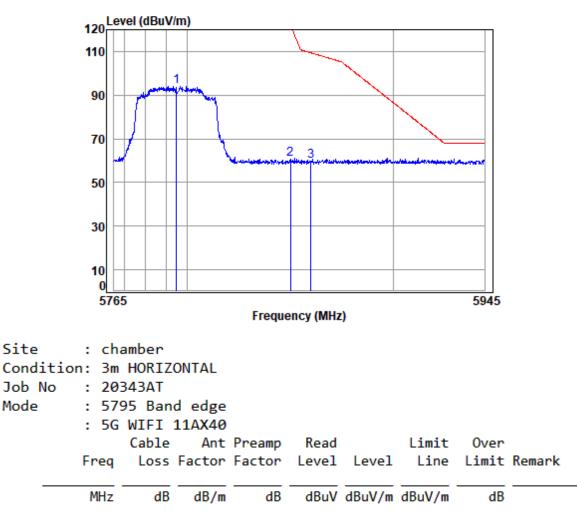
www.sgsgroup.com.cn



Report No.: SZCR210402034305

Page: 434 of 843

Test Mode: 08; Polarity: Horizontal; Bandwidth:40MHz; Channel:High



| 1 | 5795.000 | 8.23 | 34.90 | 42.38 | 93.42 | 94.17 125.20 -31.03 peak |
|---|----------|------|-------|-------|-------|--------------------------|
| 2 | 5850.000 | 8.24 | 34.95 | 42.39 | 59.91 | 60.71 122.20 -61.49 peak |
| 3 | 5860.000 | 8.24 | 34.96 | 42.39 | 59.05 | 59.86 109.40 -49.54 peak |



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-en-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 Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not excense the company. Any nauthorized alteration, forgery or faisification 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 refor only to the sample(s) test retaint of 30 days only. Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email:

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

Member of the SGS Group (SGS SA)

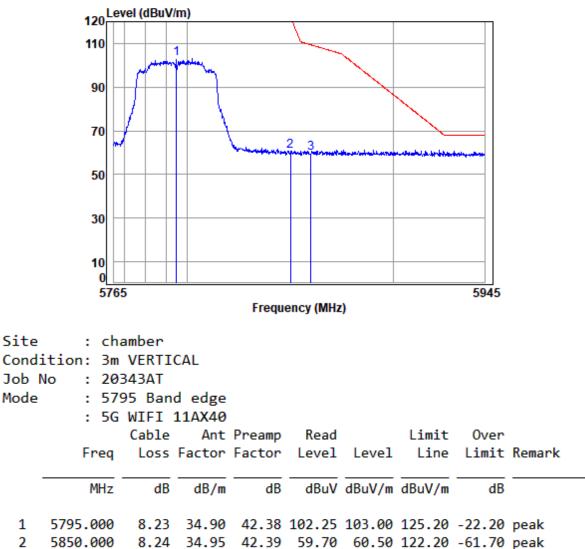
www.sgsgroup.com.cn



Report No.: SZCR210402034305

Page: 435 of 843

Test Mode: 08; Polarity: Vertical; Bandwidth:40MHz; Channel:High



3 5860.000 8.24 34.95 42.39 59.70 00.30 122.20 -01.70 peak



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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (8.0.Doccheck@egs.com").

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

Member of the SGS Group (SGS SA)

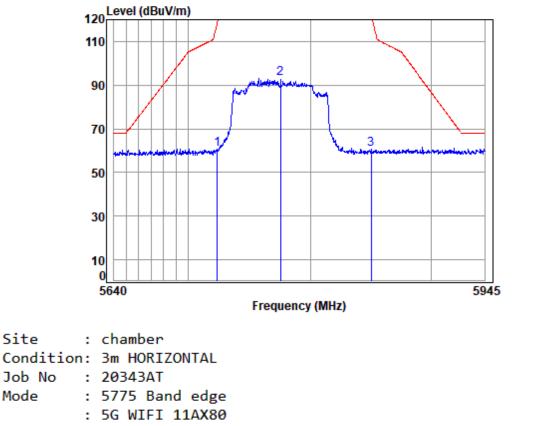
www.sgsgroup.com.cn



Report No.: SZCR210402034305

Page: 436 of 843

Test Mode: 08; Polarity: Horizontal; Bandwidth:80MHz; Channel:middle



|   |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|---|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   |          |       |        |        |       |        |        |        |        |
|   | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|   |          |       |        |        |       |        |        |        |        |
| 1 | 5723.486 | 8.22  | 34.83  | 42.37  | 60.07 | 60.75  | 118.75 | -58.00 | peak   |
| 2 | 5775.000 | 8.22  | 34.88  | 42.38  | 92.34 | 93.06  | 125.20 | -32.14 | peak   |
| 3 | 5849.958 | 8.24  | 34.95  | 42.39  | 59.80 | 60.60  | 125.20 | -64.60 | peak   |
|   |          |       |        |        |       |        |        |        | -      |



Site

Mode

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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (8.0.Doccheck@egs.com").

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

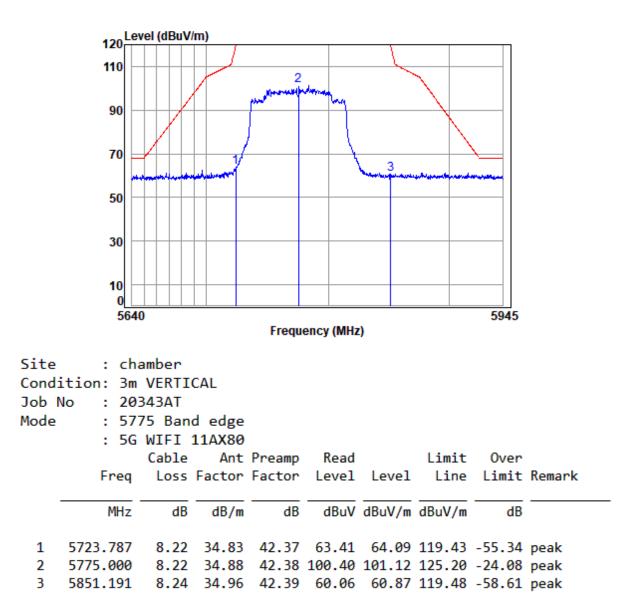
Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 437 of 843

Test Mode: 08; Polarity: Vertical; Bandwidth:80MHz; Channel:middle





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (80-755) 8307 1443, or email: (80-755)

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

Member of the SGS Group (SGS SA)

www.sgsgroup.com.cn



Report No.: SZCR210402034305

Page: 438 of 843

#### 7.10 Frequency Stability

| Test Requirement | 47 CFR Part 15, Subpart C 15.407 (g) |
|------------------|--------------------------------------|
| Test Method:     | ANSI C63.10 (2013) Section 6.8       |

#### 7.10.1 E.U.T. Operation

**Operating Environment:** 

| Temperature: | 24.5 °C | Humidity: 44.1 % RH | Atmospheric Pressure: | 1010 mb | ar |
|--------------|---------|---------------------|-----------------------|---------|----|
|--------------|---------|---------------------|-----------------------|---------|----|

#### 7.10.2 Test Mode Description

| Pre-scan /<br>Final test  | Mode<br>Code | Description  |
|---|--------------|--|
| Final test  | 05           | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ac(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE160). Only the data of worst case is recorded in the report.  |
| Final test  | 06           | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11nc(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE |
| TXmode (U-NII-2C)_Keep the EUT in continuously transmitting<br>modulation types.All data rates for each modulation type have been te<br>the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @<br>worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst<br>802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11a<br>rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @<br>worst case of IEEE 802.11ac(VHT40); data rate @<br> |              | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11nc(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE |
| Final test  | 08           | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed  |



中国・深圳・科技园中区M-10栋一号厂房

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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic Documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions">http://www.sgs.com/en/Terms-and-Conditions</a>. A defined therein. Any holder of this documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions">http://www.sgs.com/en/Terms-and-Conditions</a>. 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 is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this ter report refer only to the sample(s) tested and such sample(s) tere 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: (N\_Doccheck@ess.com) No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

Member of the SGS Group (SGS SA)

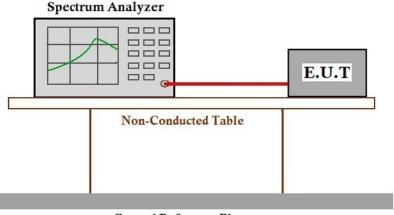


Report No.: SZCR210402034305

Page: 439 of 843

|  | rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the     |
|--|--|
|  | worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE     |
|  | 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data    |
|  | rate @ MCS0 is the worst case of IEEE 802.11ax(HE80);data rate @ MCS0 is the       |
|  | worst case of IEEE 802.11ax(HE160). Only the data of worst case is recorded in the |
|  | report.  |

#### 7.10.3 Test Setup Diagram



**Ground Reference Plane** 

#### 7.10.4 Measurement Procedure and Data

Please Refer To Appendix For Details.



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.aspx and, for electronic format documents, subject to Terms and Conditions/Terms-end-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions/Terms-end-Condition

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

Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 440 of 843

#### 7.11 Channel Move Time

| Test Requirement | KDB 905462 D02 Section 5.1   |
|------------------|------------------------------|
| Test Method:     | KDB 905462 D02 Section 7.8.3 |

Limit:

| Test item                            | Limit   | Applicability   |   |
|--------------------------------------|---|---|---|
|                                      |   | Master Device<br>or client with<br>Radar<br>Detection | Client<br>without<br>Radar<br>Detection |
| Non-occupancy period                 | Minimum 30 minutes  | Yes   | Not<br>required                         |
| Channel Availability Check Time      | 60 seconds  | Yes   | Not<br>required                         |
| Channel Move Time                    | 10 seconds<br>See Note 1.   | Yes   | Yes                                     |
| Channel Closing Transmission<br>Time | 200 milliseconds + an aggregate<br>of 60 milliseconds over<br>remaining 10 second period.<br>See Notes 1 and 2. | Yes   | Yes                                     |
| U-NII Detection Bandwidth            | Minimum 100% of the U-NII<br>99% transmission power<br>bandwidth. See Note 3.                                   | Yes   | Not<br>required                         |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.



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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (80-755) 8307 1443, or email: (80-755)

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



Report No.: SZCR210402034305

Page: 441 of 843

#### 7.11.1 E.U.T. Operation

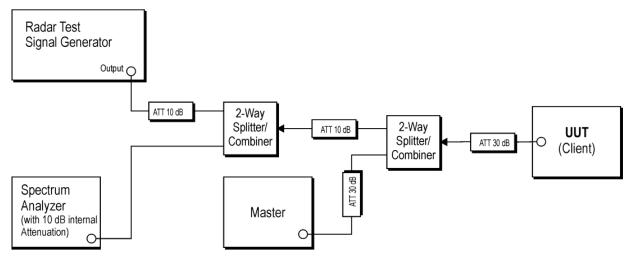
**Operating Environment:** 

| Temperature: | 23.2 °C | Humidity: | 43.8 % RH | Atmospheric Pressure: | 1010 | mbar |
|--------------|---------|-----------|-----------|-----------------------|------|------|
|              |         |           |           |                       |      |      |

#### 7.11.2 Test Mode Description

| Pre-scan /<br>Final test | Mode<br>Code | Description  |
|--------------------------|--------------|--|
| Final test               | 17           | Noraml operating_Keep the EUT communication with the companion device. |

#### 7.11.3 Test Setup Diagram





www.sgsgroup.com.cn



Report No.: SZCR210402034305

Page: 442 of 843

#### 7.11.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) = S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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-eDocument.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 exconsent parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is 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@csc.com

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



Report No.: SZCR210402034305

Page: 443 of 843

#### 7.12 Channel Closing Transmission Time

| Test Requirement | KDB 905462 D02 Section 5.1   |
|------------------|------------------------------|
| Test Method:     | KDB 905462 D02 Section 7.8.3 |

Limit:

| Test item                            | Limit   | Applicability   | Applicability                           |  |  |
|--------------------------------------|---|---|---|--|--|
|                                      |   | Master Device<br>or client with<br>Radar<br>Detection | Client<br>without<br>Radar<br>Detection |  |  |
| Non-occupancy period                 | Minimum 30 minutes  | Yes   | Not<br>required                         |  |  |
| Channel Availability Check Time      | 60 seconds  | Yes   | Not<br>required                         |  |  |
| Channel Move Time                    | 10 seconds<br>See Note 1.   | Yes   | Yes                                     |  |  |
| Channel Closing Transmission<br>Time | 200 milliseconds + an aggregate<br>of 60 milliseconds over<br>remaining 10 second period.<br>See Notes 1 and 2. | Yes   | Yes                                     |  |  |
| U-NII Detection Bandwidth            | Minimum 100% of the U-NII<br>99% transmission power<br>bandwidth. See Note 3.                                   | Yes   | Not<br>required                         |  |  |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.



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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (80-755) 8307 1443, or email: (80-755)

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



Report No.: SZCR210402034305

Page: 444 of 843

#### 7.12.1 E.U.T. Operation

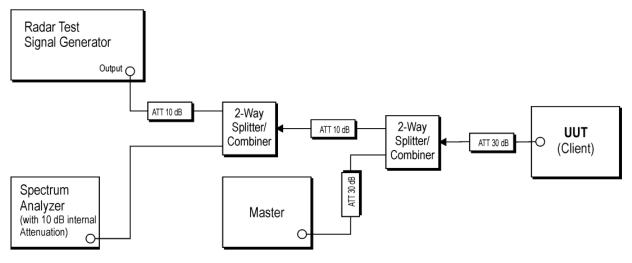
Operating Environment:

| Temperature: | 23.2 °C | Humidity: | 43.8 % RH | Atmospheric Pressure: | 1010 | mbar |
|--------------|---------|-----------|-----------|-----------------------|------|------|
|              |         |           |           |                       |      |      |

#### 7.12.2 Test Mode Description

| Pre-scan /<br>Final test | Mode<br>Code | Description  |
|--------------------------|--------------|--|
| Final test               | 17           | Noraml operating_Keep the EUT communication with the companion device. |

#### 7.12.3 Test Setup Diagram





Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 445 of 843

#### 7.12.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) = S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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-eDocument.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 exconsent parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is 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@csc.com

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



Report No.: SZCR210402034305

Page:

#### 446 of 843

#### 7.13 Radiated Emissions (Below 1GHz)

| Test Requirement | 47 CFR Part 15, Subpart C 15.209 & 15.407(b) |
|------------------|--|
| Test Method:     | KDB 789033 D02 II G                          |

Limit:

| Frequency(MHz) | Field strength(microvolts/meter) | Measurement<br>distance(meters) |
|----------------|----------------------------------|---------------------------------|
| 0.009-0.490    | 2400/F(kHz)                      | 300                             |
| 0.490-1.705    | 24000/F(kHz)                     | 30                              |
| 1.705-30.0     | 30                               | 30                              |
| 30-88          | 100                              | 3                               |
| 88-216         | 150                              | 3                               |
| 216-960        | 200                              | 3                               |
| 960-1000       | 500                              | 3                               |

#### 7.13.1 E.U.T. Operation

**Operating Environment:** 25.6 °C Temperature:

Humidity: 54.3 % RH

Atmospheric Pressure: 1010 mbar

#### 7.13.2 Test Mode Description

| Pre-scan /<br>Final test | Mode<br>Code | Description   |
|--------------------------|--------------|---|
| Final test               | 05           | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ac(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE160). Only the data of worst case is recorded in the report.  |
| Pre-scan                 | 06           | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE160). Only the data of worst case is recorded in the report. |



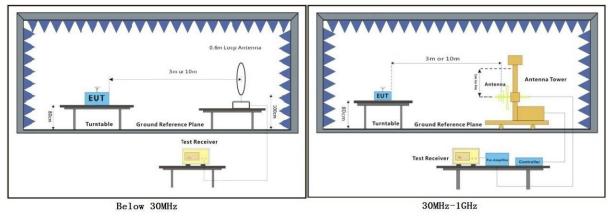


Report No.: SZCR210402034305

Page: 447 of 843

| Pre-scan | 07 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11nc(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case is recorded in the report. |
|----------|----|---|
| Pre-scan | 08 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11nc(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case is recorded in the report.   |

#### 7.13.3 Test Setup Diagram





Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 448 of 843

#### 7.13.4 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.

3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



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.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents 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-enDocument.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 Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not excense the zomeany. As you and the transaction documents. 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@sss.com

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

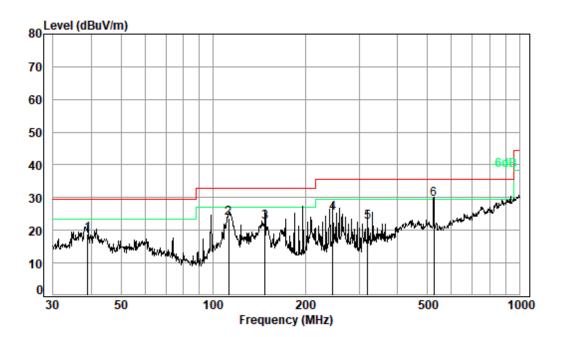


Report No.: SZCR210402034305

Page: 449 of 843

Antenna 1 & 2 were tested for Modulation: 802.11a. Only the worst case(Antenna 1) was recorded in the report. Antenna 1, 2 & 1+2, were tested for Modulation: 802.11n(HT20),n(HT40),ac(HT20), ac(HT40), ac(HT80), ac(HT160), ax(HE20), ax(HE40), ax(HE80), ax(HE160). Only the worst case(Antenna 1+2) was recorded in the report. Below 1GHz(Worst Case):

Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 10m HORIZONTAL : 20343AT Job No. Test Mode: 05

|      | Freq    |       | Ant<br>Factor |      |       |        |        |        | Remark |
|------|---------|-------|---------------|------|-------|--------|--------|--------|--------|
| -    | MHz     | dBuV  | dB/m          | dB   | dB    | dBuV/m | dBuV/m | dB     |        |
| 1    | 38.888  | 30.45 | 20.00         | 0.92 | 32.50 | 18.87  | 29.50  | -10.63 | QP     |
| 2    | 112.524 | 38.36 | 16.51         | 1.30 | 32.44 | 23.73  | 33.00  | -9.27  | QP     |
| 3    | 147.921 | 33.45 | 20.10         | 1.48 | 32.42 | 22.61  | 33.00  | -10.39 | QP     |
| 4    | 245.951 | 37.64 | 17.98         | 1.94 | 32.40 | 25.16  | 35.60  | -10.44 | QP     |
| 5    | 319.937 | 32.45 | 20.30         | 2.19 | 32.38 | 22.56  | 35.60  | -13.04 | QP     |
| 6 pp | 526.397 | 34.66 | 24.36         | 2.93 | 32.30 | 29.65  | 35.60  | -5.95  | QΡ     |



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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (80-755) 8307 1443, or email: (80-755)

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

www.sgsgroup.com.cn

sgs.china@sgs.com

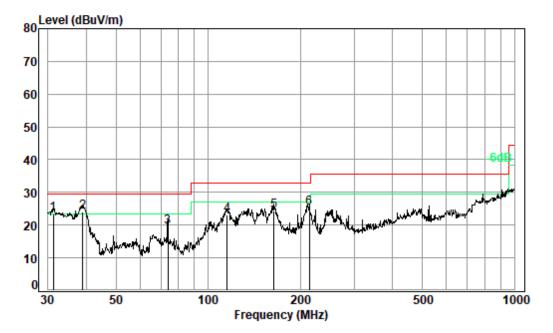
Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 450 of 843

Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



#### Condition: 10m VERTICAL Job No. : 20343AT Test Mode: 05

|      | Freq    |       | Ant<br>Factor |      |       |        |        |        | Remark |
|------|---------|-------|---------------|------|-------|--------|--------|--------|--------|
| -    | MHz     | dBuV  | dB/m          | dB   | dB    | dBuV/m | dBuV/m | dB     |        |
| 1    | 31.180  | 36.46 | 18.66         | 0.88 | 32.50 | 23.50  | 29.50  | -6.00  | QP     |
| 2 pp | 39.024  | 35.68 | 20.00         | 0.92 | 32.50 | 24.10  | 29.50  | -5.40  | QP     |
| 3    | 73.876  | 34.36 | 16.43         | 1.12 | 32.47 | 19.44  | 29.50  | -10.06 | QP     |
| 4    | 115.321 | 37.63 | 16.73         | 1.31 | 32.44 | 23.23  | 33.00  | -9.77  | QP     |
| 5    | 164.330 | 35.75 | 19.58         | 1.52 | 32.41 | 24.44  | 33.00  | -8.56  | QP     |
| 6    | 213.763 | 39.78 | 16.00         | 1.73 | 32.40 | 25.11  | 33.00  | -7.89  | QP     |
|      |         |       |               |      |       |        |        |        |        |



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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (80-755) 8307 1443, or email: (80-755)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 中国・深圳・科技园中区M-10栋一号厂房

www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: SZCR210402034305

Page: 451 of 843

The test was performed at a 10m test site. According to below formulate and the test data at 10m test distance,

 $L_3 / L_{10} = D_{10} / D_3$ 

Note:

L<sub>3</sub>: Level @ 3m distance. Unit: uV/m;

L10: Level @ 10m distance. Unit: uV/m;

D<sub>3</sub>: 3m distance. Unit: m

D<sub>10</sub>: 10m distance. Unit: m

The level at 3m test distance is below:

| Frequency<br>(MHz) | Level @<br>10m<br>(dBuV/m) | Level @<br>10m (uV/m) | Level @ 3m<br>(uV/m) | Level @ 3m<br>(dBuV/m) | Limit @ 3m<br>(dBuV/m) | Margin<br>(dB) | Ant.<br>Polarization |
|--------------------|----------------------------|-----------------------|----------------------|------------------------|------------------------|----------------|----------------------|
| 31.18              | 23.50                      | 14.96                 | 49.87                | 33.96                  | 40.00                  | -6.04          | V                    |
| 39.02              | 24.10                      | 16.03                 | 53.44                | 34.56                  | 40.00                  | -5.44          | V                    |
| 73.88              | 19.44                      | 9.38                  | 31.25                | 29.90                  | 40.00                  | -10.10         | V                    |
| 115.32             | 23.23                      | 14.50                 | 48.35                | 33.69                  | 43.50                  | -9.81          | V                    |
| 164.33             | 24.44                      | 16.67                 | 55.57                | 34.90                  | 43.50                  | -8.60          | V                    |
| 213.76             | 25.11                      | 18.01                 | 60.03                | 35.57                  | 43.50                  | -7.93          | V                    |
| 38.89              | 18.87                      | 8.78                  | 29.27                | 29.33                  | 40.00                  | -10.67         | Н                    |
| 112.52             | 23.73                      | 15.36                 | 51.21                | 34.19                  | 43.50                  | -9.31          | Н                    |
| 147.92             | 22.61                      | 13.51                 | 45.02                | 33.07                  | 43.50                  | -10.43         | Н                    |
| 245.95             | 25.16                      | 18.11                 | 60.38                | 35.62                  | 46.00                  | -10.38         | Н                    |
| 319.94             | 22.56                      | 13.43                 | 44.76                | 33.02                  | 46.00                  | -12.98         | Н                    |
| 526.40             | 29.65                      | 30.37                 | 101.25               | 40.11                  | 46.00                  | -5.89          | Н                    |



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-eDocument.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 exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is 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) lested and such sample(s) are retained for 30 days on). Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com

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

Member of the SGS Group (SGS SA)

www.sgsgroup.com.cn



Report No.: SZCR210402034305

Page: 452 of 843

#### 8 **Test Setup Photo**

Refer to Setup Photos

#### **EUT Constructional Details (EUT Photos)** 9

Refer to EUT external and internal photos



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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (80-755) 8307 1443, or email: (80-755)

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

Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 453 of 843

## 10 Appendix

#### 1. Duty Cycle

#### 1.1 Test Result

| Test Mode     | Channel<br>Frequency<br>(MHz) | ТХ Туре | ANT No. | T_on (ms) | Period (ms) | Duty Cycle<br>(%) | Duty Cycle<br>Correction<br>Factor (dB) |
|---------------|-------------------------------|---------|---------|-----------|-------------|-------------------|---|
|               | 5180                          | SISO    | 1       | 0.148     | 0.195       | 75.90             | 1.20                                    |
|               | 5200                          | SISO    | 1       | 0.148     | 0.195       | 75.90             | 1.20                                    |
|               | 5240                          | SISO    | 1       | 0.148     | 0.195       | 75.90             | 1.20                                    |
|               | 5260                          | SISO    | 1       | 0.148     | 0.196       | 75.51             | 1.22                                    |
|               | 5300                          | SISO    | 1       | 0.148     | 0.195       | 75.90             | 1.20                                    |
|               | 5320                          | SISO    | 1       | 0.149     | 0.196       | 76.02             | 1.19                                    |
| 802.11a       | 5500                          | SISO    | 1       | 0.149     | 0.195       | 76.41             | 1.17                                    |
|               | 5580                          | SISO    | 1       | 0.148     | 0.195       | 75.90             | 1.20                                    |
|               | 5600                          | SISO    | 1       | 0.148     | 0.196       | 75.51             | 1.22                                    |
|               | 5700                          | SISO    | 1       | 0.148     | 0.195       | 75.90             | 1.20                                    |
|               | 5745                          | SISO    | 1       | 0.149     | 0.195       | 76.41             | 1.17                                    |
|               | 5785                          | SISO    | 1       | 0.148     | 0.196       | 75.51             | 1.22                                    |
|               | 5825                          | SISO    | 1       | 0.148     | 0.196       | 75.51             | 1.22                                    |
|               | 5180                          | MIMO    | 1       | 0.312     | 0.362       | 86.19             | 0.65                                    |
|               | 5200                          | MIMO    | 1       | 0.312     | 0.362       | 86.19             | 0.65                                    |
|               | 5240                          | MIMO    | 1       | 0.312     | 0.362       | 86.19             | 0.65                                    |
|               | 5260                          | MIMO    | 1       | 0.312     | 0.362       | 86.19             | 0.65                                    |
|               | 5300                          | MIMO    | 1       | 0.312     | 0.363       | 85.95             | 0.66                                    |
|               | 5320                          | MIMO    | 1       | 0.312     | 0.363       | 85.95             | 0.66                                    |
| 802.11n(HT20) | 5500                          | MIMO    | 1       | 0.312     | 0.363       | 85.95             | 0.66                                    |
|               | 5580                          | MIMO    | 1       | 0.312     | 0.362       | 86.19             | 0.65                                    |
|               | 5600                          | MIMO    | 1       | 0.312     | 0.362       | 86.19             | 0.65                                    |
|               | 5700                          | MIMO    | 1       | 0.312     | 0.363       | 85.95             | 0.66                                    |
|               | 5745                          | MIMO    | 1       | 0.312     | 0.363       | 85.95             | 0.66                                    |
|               | 5785                          | MIMO    | 1       | 0.312     | 0.363       | 85.95             | 0.66                                    |
|               | 5825                          | MIMO    | 1       | 0.312     | 0.364       | 85.71             | 0.67                                    |
|               | 5190                          | MIMO    | 1       | 0.320     | 0.370       | 86.49             | 0.63                                    |
|               | 5230                          | MIMO    | 1       | 0.320     | 0.370       | 86.49             | 0.63                                    |
| 000 11c/UT40  | 5270                          | MIMO    | 1       | 0.320     | 0.370       | 86.49             | 0.63                                    |
| 802.11n(HT40) | 5310                          | MIMO    | 1       | 0.320     | 0.370       | 86.49             | 0.63                                    |
|               | 5510                          | MIMO    | 1       | 0.320     | 0.370       | 86.49             | 0.63                                    |
|               | 5550                          | MIMO    | 1       | 0.320     | 0.370       | 86.49             | 0.63                                    |



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

中国・深圳・科技园中区M-10栋一号厂房

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



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

Report No.: SZCR210402034305

Page: 454 of 843

| 5590         MIMO         1         0.320         0.370         86.49         0.63           5675         MIMO         1         0.320         0.371         86.25         0.64           5755         MIMO         1         0.320         0.370         86.49         0.63           5755         MIMO         1         0.120         0.371         86.25         0.64           5755         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.215         76.28         1.18           5300         MIMO         1         0.164         0.215         76.28         1.18           5300         MIMO         1         0.164         0.215         76.28         1.18           5580         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.214         76.64   |                    |      |      |   |       |       |       |      |
|--|--------------------|------|------|---|-------|-------|-------|------|
| 5755         MIMO         1         0.320         0.370         86.49         0.63           5795         MIMO         1         0.320         0.371         86.25         0.64           5790         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.215         76.28         1.18           5300         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5765         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64   |                    | 5590 | MIMO | 1 | 0.320 | 0.370 | 86.49 | 0.63 |
| 5795         MIMO         1         0.320         0.371         86.25         0.64           5180         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.214         76.64         1.16           5240         MIMO         1         0.164         0.214         76.64         1.16           5260         MIMO         1         0.164         0.214         76.64         1.16           5300         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5765         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64   |                    | 5670 | MIMO | 1 | 0.320 | 0.371 | 86.25 | 0.64 |
| 802.11ac(VHT40)         5180         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.215         76.28         1.18           5240         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.165         0.214         76.64         1.16           5200         MIMO         1         0.164         0.215         76.28         1.18           5300         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5700         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0   |                    | 5755 | MIMO | 1 | 0.320 | 0.370 | 86.49 | 0.63 |
| 802.11ac(VHT20)         5200         MIMO         1         0.164         0.215         76.28         1.18           5240         MIMO         1         0.165         0.214         76.64         1.16           5260         MIMO         1         0.165         0.214         76.64         1.16           5300         MIMO         1         0.164         0.215         76.28         1.18           802.11ac(VHT20)         5500         MIMO         1         0.164         0.215         76.28         1.18           5600         MIMO         1         0.164         0.215         76.28         1.18           5700         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.215         76.28         1.18           5825         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1   |                    | 5795 | MIMO | 1 | 0.320 | 0.371 | 86.25 | 0.64 |
| 5240         MIMO         1         0.164         0.214         76.64         1.16           5260         MIMO         1         0.165         0.214         77.10         1.13           5300         MIMO         1         0.164         0.214         76.64         1.16           5300         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5600         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.214         76.64         1.16           5755         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64   |                    | 5180 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 5260         MIMO         1         0.165         0.214         77.10         1.13           5300         MIMO         1         0.164         0.214         76.64         1.16           5320         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5600         MIMO         1         0.164         0.215         76.28         1.18           5700         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64   |                    | 5200 | MIMO | 1 | 0.164 | 0.215 | 76.28 | 1.18 |
| 802.11ac(VHT20)         5300         MIMO         1         0.164         0.214         76.64         1.16           5320         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5500         MIMO         1         0.164         0.215         76.28         1.18           5700         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.214         76.64         1.16           5785         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           5550         MIMO         1         0.165         0   |                    | 5240 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 802.11ac(VHT20)         5320         MIMO         1         0.164         0.215         76.28         1.18           802.11ac(VHT20)         5500         MIMO         1         0.164         0.215         76.28         1.18           5580         MIMO         1         0.164         0.215         76.28         1.18           5580         MIMO         1         0.164         0.215         76.28         1.18           5600         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.214         76.64         1.16           5785         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64         1.16           5190         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1   |                    | 5260 | MIMO | 1 | 0.165 | 0.214 | 77.10 | 1.13 |
| 802.11ac(VHT20)         5500         MIMO         1         0.164         0.215         76.28         1.18           5580         MIMO         1         0.165         0.215         76.74         1.15           5600         MIMO         1         0.164         0.214         76.64         1.16           5700         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.215         76.28         1.18           5825         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5210         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           5550         MIMO         1         0.165         0   |                    | 5300 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 5580         MIMO         1         0.165         0.215         76.74         1.15           5600         MIMO         1         0.164         0.214         76.64         1.16           5700         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.215         76.28         1.18           5825         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.165         0.215         76.74         1.15           5550         MIMO         1         0.165         0.215         76.74   |                    | 5320 | MIMO | 1 | 0.164 | 0.215 | 76.28 | 1.18 |
| 5600         MIMO         1         0.164         0.214         76.64         1.16           5700         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.215         76.28         1.18           5825         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.165         0.214         76.64         1.16           5510         MIMO         1         0.165         0.214         76.64         1.16           5550         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.215         76.74   | 802.11ac(VHT20)    | 5500 | MIMO | 1 | 0.164 | 0.215 | 76.28 | 1.18 |
| 5700         MIMO         1         0.164         0.215         76.28         1.18           5745         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.215         76.28         1.18           5825         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.215         76.74         1.15           5755         MIMO         1         0.165         0.214         76.64   |                    | 5580 | MIMO | 1 | 0.165 | 0.215 | 76.74 | 1.15 |
| 5745         MIMO         1         0.164         0.215         76.28         1.18           5785         MIMO         1         0.164         0.215         76.28         1.18           5825         MIMO         1         0.164         0.214         76.64         1.16           5825         MIMO         1         0.164         0.214         76.64         1.16           5190         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.214         77.10         1.13           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.164         0.214         76.64   |                    | 5600 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 5785         MIMO         1         0.164         0.215         76.28         1.18           5825         MIMO         1         0.164         0.214         76.64         1.16           5190         MIMO         1         0.164         0.215         76.28         1.18           5230         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.214         77.10         1.13           6755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.164         0.214         76.64   |                    | 5700 | MIMO | 1 | 0.164 | 0.215 | 76.28 | 1.18 |
| 5825         MIMO         1         0.164         0.214         76.64         1.16           5190         MIMO         1         0.164         0.215         76.28         1.18           5230         MIMO         1         0.164         0.214         76.64         1.16           5230         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.214         77.10         1.13           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.214         76.64   |                    | 5745 | MIMO | 1 | 0.164 | 0.215 | 76.28 | 1.18 |
| 802.11ac(VHT40)         5190         MIMO         1         0.164         0.215         76.28         1.18           5230         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.214         77.10         1.13           5670         MIMO         1         0.165         0.215         76.74         1.15           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.164         0.214         76.64         1.16           802.11ac(VHT80)         5530         MIMO         1   |                    | 5785 | MIMO | 1 | 0.164 | 0.215 | 76.28 | 1.18 |
| 5230         MIMO         1         0.164         0.214         76.64         1.16           5270         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           5550         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.214         77.10         1.13           5550         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.215         76.74         1.15           5755         MIMO         1         0.165         0.214         76.64         1.16           802.11ac(VH780)         5210         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0   |                    | 5825 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 802.11ac(VHT40)         5270         MIMO         1         0.164         0.214         76.64         1.16           5310         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           5550         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.214         76.64         1.16           5670         MIMO         1         0.165         0.214         77.10         1.13           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.164         0.214         76.64         1.16           802.11ac(VHT80)         5530         MIMO         1         0.164         0.214         76.64         1.16           5610         MIMO         1         0.164         0.214         76.64         1.16           5275         MIMO         1   |                    | 5190 | MIMO | 1 | 0.164 | 0.215 | 76.28 | 1.18 |
| 5310         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           5550         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.214         76.64         1.16           5570         MIMO         1         0.165         0.214         76.64         1.16           5590         MIMO         1         0.165         0.214         77.10         1.13           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.167         0.217         76.96   |                    | 5230 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 802.11ac(VHT40)         5510         MIMO         1         0.164         0.214         76.64         1.16           5550         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.165         0.214         76.64         1.16           5590         MIMO         1         0.165         0.214         76.74         1.15           5590         MIMO         1         0.165         0.215         76.74         1.16           5670         MIMO         1         0.165         0.215         76.74         1.15           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.214         76.64         1.16           5211ax(HEV160         5250         MIMO         1   |                    | 5270 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 802.11ac(VH140)         5550         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.164         0.214         76.64         1.16           5670         MIMO         1         0.165         0.214         77.10         1.13           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.164         0.214         76.64         1.16           5210         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5210         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160         5250         MIMO         1   |                    | 5310 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 802.11ac(VHT80)         5550         MIMO         1         0.165         0.215         76.74         1.15           5590         MIMO         1         0.164         0.214         76.64         1.16           5670         MIMO         1         0.165         0.214         77.10         1.13           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5530         MIMO         1         0.164         0.214         76.64         1.16           5610         MIMO         1         0.164         0.214         76.64         1.16           802.11ax(HEV160)         5250         MIMO         1  | 900 11cc()// IT40) | 5510 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 5670         MIMO         1         0.165         0.214         77.10         1.13           5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.214         76.64         1.15           5795         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5200         MIMO         1         0.164         0.214         76.64         1.16           5775         MIMO         1         0.164         0.214         76.64         1.16           802.11ax(HEV160)         5250         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.476  | 002.11ac(V⊓140)    | 5550 | MIMO | 1 | 0.165 | 0.215 | 76.74 | 1.15 |
| 5755         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.215         76.74         1.15           5795         MIMO         1         0.165         0.214         76.64         1.15           5210         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5510         MIMO         1         0.164         0.214         76.64         1.16           802.11ax(HEV160)         5250         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.475         0.526         90.30         0.44           5240         MIMO         1         0.261  |                    | 5590 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 5795         MIMO         1         0.165         0.215         76.74         1.15           5210         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5530         MIMO         1         0.164         0.214         76.64         1.16           5610         MIMO         1         0.164         0.214         76.64         1.16           5775         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.475         0.526         90.30         0.44           5240         MIMO         1         0.261  |                    | 5670 | MIMO | 1 | 0.165 | 0.214 | 77.10 | 1.13 |
| 5210         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5290         MIMO         1         0.164         0.214         76.64         1.16           5530         MIMO         1         0.164         0.214         76.64         1.16           5610         MIMO         1         0.164         0.214         76.64         1.16           5775         MIMO         1         0.164         0.214         76.64         1.16           5775         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.475         0.526         90.30         0.44           5240         MIMO         1         0.261         0.312         83.65         0.78           802.11ax(HEV20)         5260         MIMO         1  |                    | 5755 | MIMO | 1 | 0.165 | 0.215 | 76.74 | 1.15 |
| 5290         MIMO         1         0.164         0.214         76.64         1.16           802.11ac(VHT80)         5530         MIMO         1         0.164         0.214         76.64         1.16           5610         MIMO         1         0.164         0.214         76.64         1.16           5610         MIMO         1         0.164         0.214         76.64         1.16           5775         MIMO         1         0.164         0.214         76.64         1.16           802.11ax(HEV160)         5250         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.475         0.526         90.30         0.44           5200         MIMO         1         0.476         0.526         90.49         0.43           5240         MIMO         1         0.261         0.312         83.65         0.78           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78 <td></td> <td>5795</td> <td>MIMO</td> <td>1</td> <td>0.165</td> <td>0.215</td> <td>76.74</td> <td>1.15</td> |                    | 5795 | MIMO | 1 | 0.165 | 0.215 | 76.74 | 1.15 |
| 802.11ac(VHT80)         5530         MIMO         1         0.164         0.214         76.64         1.16           5610         MIMO         1         0.164         0.214         76.64         1.16           5775         MIMO         1         0.164         0.214         76.64         1.16           802.11ax(HEV160)         5250         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV20)         5180         MIMO         1         0.475         0.526         90.30         0.44           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78   |                    | 5210 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 5610         MIMO         1         0.164         0.214         76.64         1.16           5775         MIMO         1         0.164         0.214         76.64         1.16           802.11ax(HEV160)         5250         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.475         0.526         90.30         0.44           5200         MIMO         1         0.476         0.526         90.49         0.43           5240         MIMO         1         0.261         0.312         83.65         0.78           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78   |                    | 5290 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 5775         MIMO         1         0.164         0.214         76.64         1.16           802.11ax(HEV160)         5250         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           802.11ax(HEV20)         5180         MIMO         1         0.475         0.526         90.30         0.44           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78   | 802.11ac(VHT80)    | 5530 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 802.11ax(HEV160)         5250         MIMO         1         0.167         0.217         76.96         1.14           5570         MIMO         1         0.167         0.217         76.96         1.14           5570         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.475         0.526         90.30         0.44           5200         MIMO         1         0.476         0.526         90.49         0.43           5240         MIMO         1         0.261         0.312         83.65         0.78           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78  |                    | 5610 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 802.11ax(HEV160)         5570         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.475         0.526         90.30         0.44           5200         MIMO         1         0.476         0.526         90.49         0.43           5240         MIMO         1         0.261         0.312         83.65         0.78           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78  |                    | 5775 | MIMO | 1 | 0.164 | 0.214 | 76.64 | 1.16 |
| 5570         MIMO         1         0.167         0.217         76.96         1.14           5180         MIMO         1         0.475         0.526         90.30         0.44           5200         MIMO         1         0.476         0.526         90.49         0.43           5240         MIMO         1         0.261         0.312         83.65         0.78           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78   | 902 11ov/UE\/160)  | 5250 | MIMO | 1 | 0.167 | 0.217 | 76.96 | 1.14 |
| 5200         MIMO         1         0.476         0.526         90.49         0.43           5240         MIMO         1         0.261         0.312         83.65         0.78           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78   | 002.11ax(n=v100)   | 5570 | MIMO | 1 | 0.167 | 0.217 | 76.96 | 1.14 |
| 5240         MIMO         1         0.261         0.312         83.65         0.78           802.11ax(HEV20)         5260         MIMO         1         0.261         0.312         83.65         0.78  | -                  | 5180 | MIMO | 1 | 0.475 | 0.526 | 90.30 | 0.44 |
| 802.11ax(HEV20) 5260 MIMO 1 0.261 0.312 83.65 0.78   |                    | 5200 | MIMO | 1 | 0.476 | 0.526 | 90.49 | 0.43 |
|  |                    | 5240 | MIMO | 1 | 0.261 | 0.312 | 83.65 | 0.78 |
| 5300         MIMO         1         0.262         0.313         83.71         0.77   | 802.11ax(HEV20)    | 5260 | MIMO | 1 | 0.261 | 0.312 | 83.65 | 0.78 |
|  |                    | 5300 | MIMO | 1 | 0.262 | 0.313 | 83.71 | 0.77 |
| 5320 MIMO 1 0.262 0.314 83.44 0.79   |                    | 5320 | MIMO | 1 | 0.262 | 0.314 | 83.44 | 0.79 |
| 5500 MIMO 1 0.261 0.312 83.65 0.78   |                    | 5500 | MIMO | 1 | 0.261 | 0.312 | 83.65 | 0.78 |



|            | Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed<br>overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-enDocuments.syubject">http://www.sgs.com/en/Terms-and-Conditions/Terms-enDocuments.syubject</a> to rerms and Conditions for Electronic format document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is<br>advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of<br>Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a<br>transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced<br>except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or<br>appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the<br>results shown in this test report refer only to the sample(s) Itest and sub (as maple(s)) are retained for 30 days only. |
|------------|---|
| 201        | Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,   |
| s Co.,Ltd. | or email: <u>CN.Doccheck@sgs.com</u><br>No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn  |
|            |   |

中国・深圳・科技园中区M-10栋一号厂房

www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: SZCR210402034305

Page:

455 of 843

|                  |      |      |   |       | C C   |       |      |
|------------------|------|------|---|-------|-------|-------|------|
|                  | 5580 | MIMO | 1 | 0.262 | 0.313 | 83.71 | 0.77 |
|                  | 5600 | MIMO | 1 | 0.261 | 0.312 | 83.65 | 0.78 |
|                  | 5700 | MIMO | 1 | 0.262 | 0.313 | 83.71 | 0.77 |
|                  | 5745 | MIMO | 1 | 0.262 | 0.314 | 83.44 | 0.79 |
|                  | 5785 | MIMO | 1 | 0.261 | 0.313 | 83.39 | 0.79 |
|                  | 5825 | MIMO | 1 | 0.261 | 0.313 | 83.39 | 0.79 |
|                  | 5190 | MIMO | 1 | 0.180 | 0.231 | 77.92 | 1.08 |
|                  | 5230 | MIMO | 1 | 0.181 | 0.231 | 78.35 | 1.06 |
|                  | 5270 | MIMO | 1 | 0.181 | 0.231 | 78.35 | 1.06 |
|                  | 5310 | MIMO | 1 | 0.180 | 0.231 | 77.92 | 1.08 |
| 900 11ov/UE\/40\ | 5510 | MIMO | 1 | 0.181 | 0.231 | 78.35 | 1.06 |
| 802.11ax(HEV40)  | 5550 | MIMO | 1 | 0.180 | 0.230 | 78.26 | 1.06 |
|                  | 5590 | MIMO | 1 | 0.181 | 0.230 | 78.70 | 1.04 |
|                  | 5670 | MIMO | 1 | 0.180 | 0.231 | 77.92 | 1.08 |
|                  | 5755 | MIMO | 1 | 0.180 | 0.231 | 77.92 | 1.08 |
|                  | 5795 | MIMO | 1 | 0.180 | 0.230 | 78.26 | 1.06 |
|                  | 5210 | MIMO | 1 | 0.167 | 0.217 | 76.96 | 1.14 |
|                  | 5290 | MIMO | 1 | 0.167 | 0.217 | 76.96 | 1.14 |
| 802.11ax(HEV80)  | 5530 | MIMO | 1 | 0.167 | 0.217 | 76.96 | 1.14 |
|                  | 5610 | MIMO | 1 | 0.167 | 0.217 | 76.96 | 1.14 |
|                  | 5775 | MIMO | 1 | 0.167 | 0.217 | 76.96 | 1.14 |

1.2 Test Graph



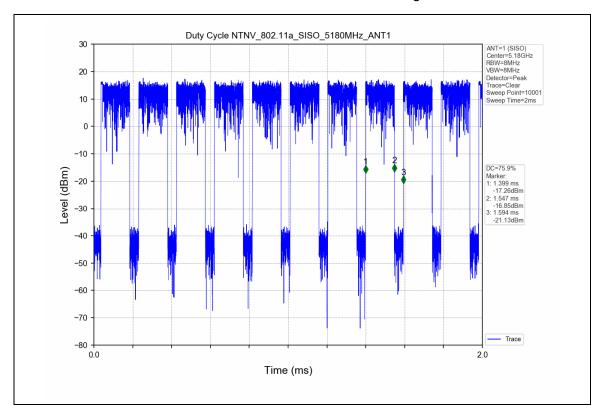
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・深圳・科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

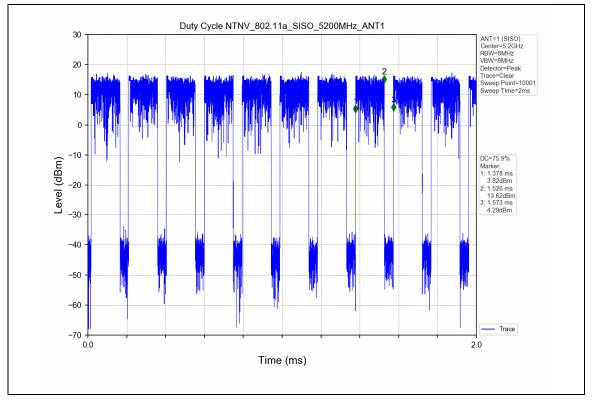


Report No.: SZCR210402034305

Page: 4

456 of 843







中国·深圳・科技園中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

检验检测专用章 spection & Testing Services

rds Technical Se

Laboratory.

SGS-CS

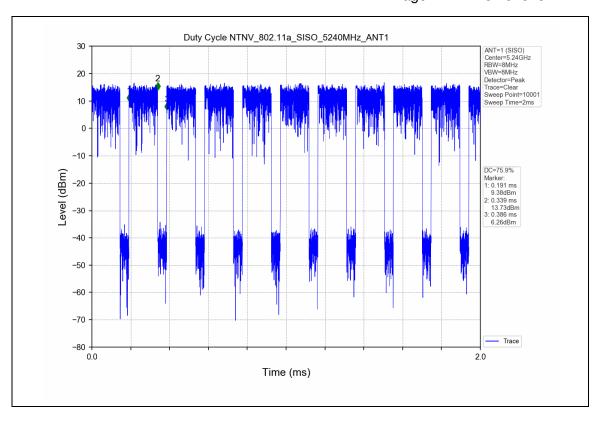
Shenzhen Br

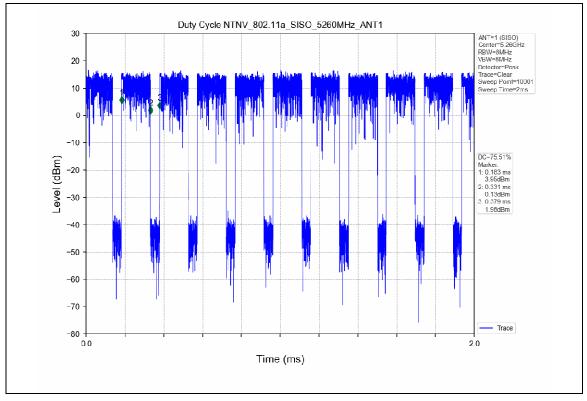
Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 457 of 843







SGS-CS

sgs.china@sgs.com Member of the SGS Group (SGS SA)

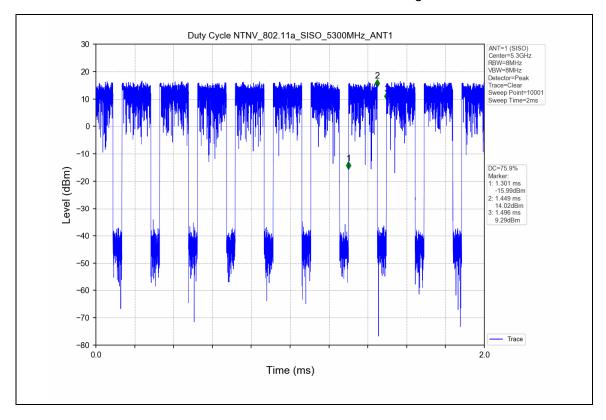
www.sgsgroup.com.cn

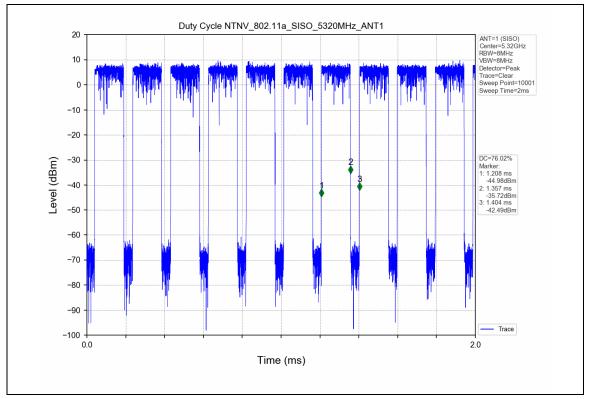


Report No.: SZCR210402034305

Page: 45

458 of 843







中国·深圳·科技园中区M-10栋一号厂房 #

检验检测专用章 spection & Testing Services

rds Technical Se

Laboratory.

SGS-CS

Shenzhen Br

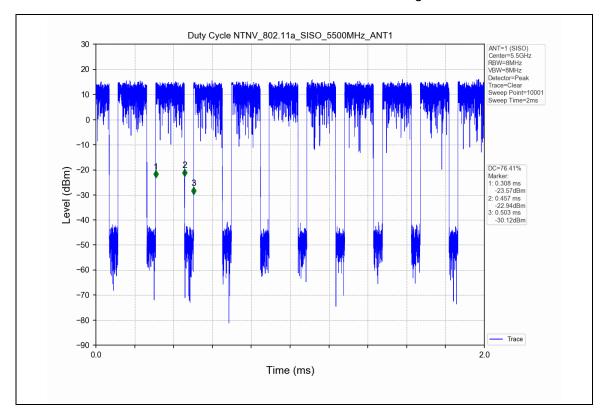
邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com Member of the SGS Group (SGS SA)

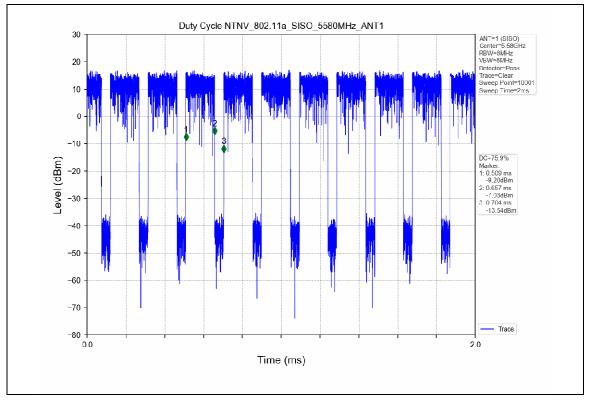


Report No.: SZCR210402034305

Page: 45

459 of 843







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-en-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 exconserate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is 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 terport 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: QN\_Doccheck@ags.com

Hot.1 Workshop, W-10, Middle Section, Science & lectinology Park, Sneh2hen, C 中国・深圳・科技园中区M-10栋一号厂房 邮

n, China 518057 t (86-755)26012053 f (86-755)26710594 www.sgsgroup.com.cn 邮编: 518057 t (86-755)26012053 f (86-755)26710594 sgs.china@sgs.com

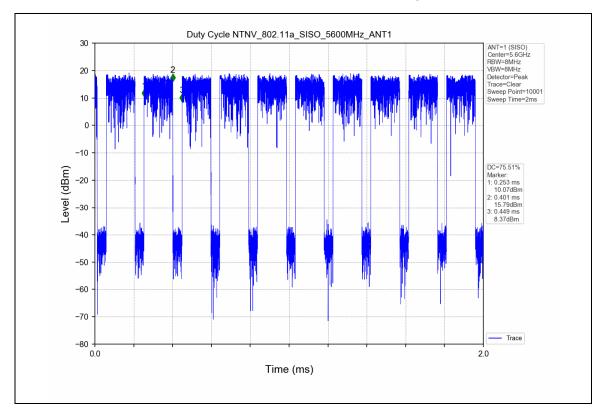
Member of the SGS Group (SGS SA)

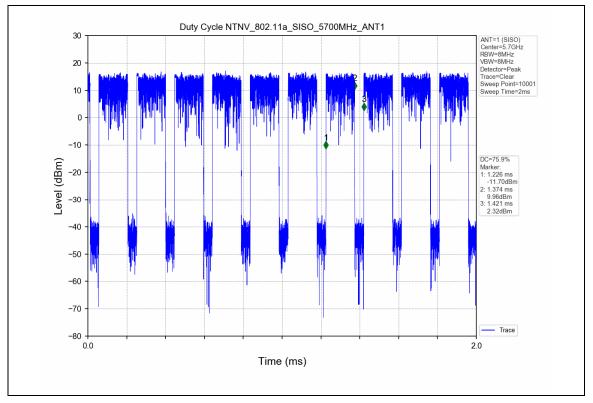


Report No.: SZCR210402034305

Page:

460 of 843







Hot. Two kshop, M-10, Middle Section, Science & Technology Faik, Sheitzhen, Ch 中国・深圳・科技园中区M-10栋一号厂房 邮:

检验检测专用章 spection & Testing Services

rds Technical St

Laboratory.

SGS-CS

Shenzhen Br

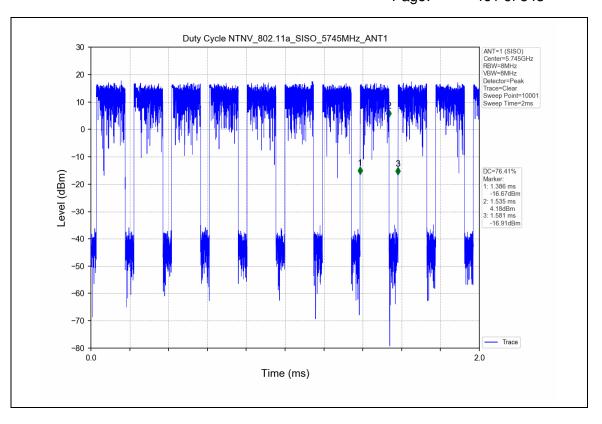
n, China 518057 t (86-755)26012053 f (86-755)26710594 www.sgsgroup.com.cn 邮编: 518057 t (86-755)26012053 f (86-755)26710594 sgs.china@sgs.com

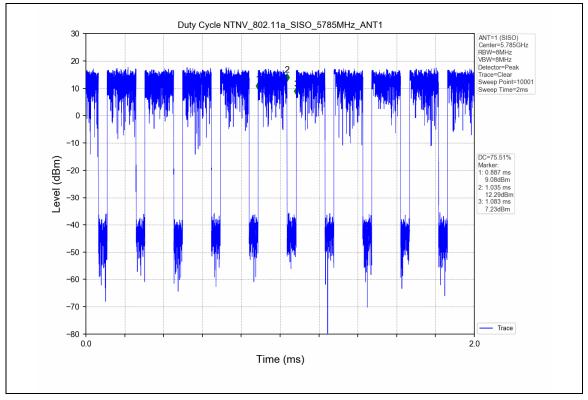
Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 461 of 843







中国·深圳·科技园中区M-10栋一号厂房 由

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

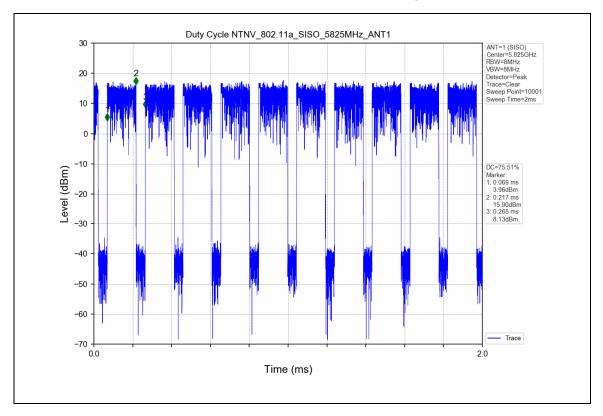
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

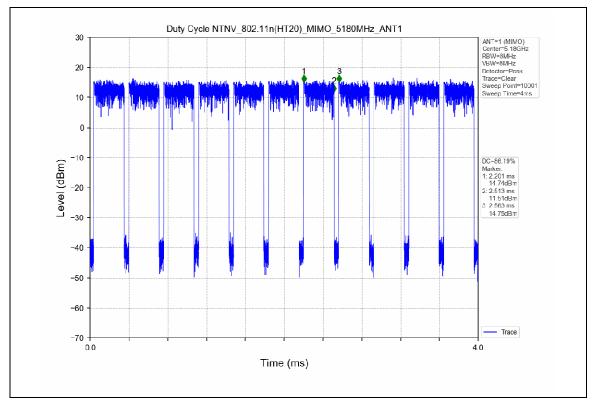


Report No.: SZCR210402034305

Page: 4

462 of 843







中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

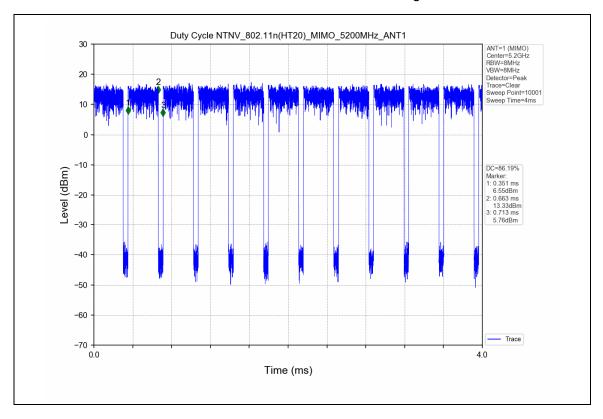
邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com Member of the SGS Group (SGS SA)

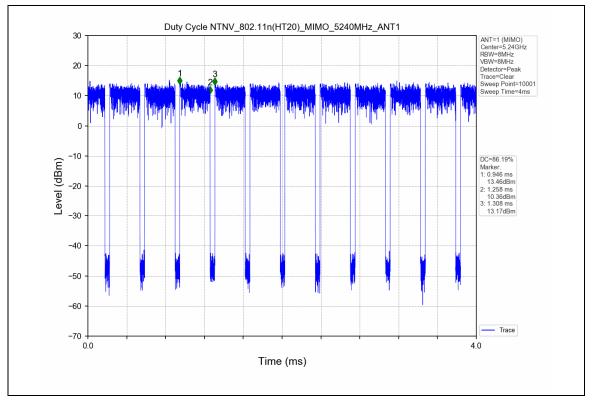


Report No.: SZCR210402034305

Page: 46

463 of 843







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

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

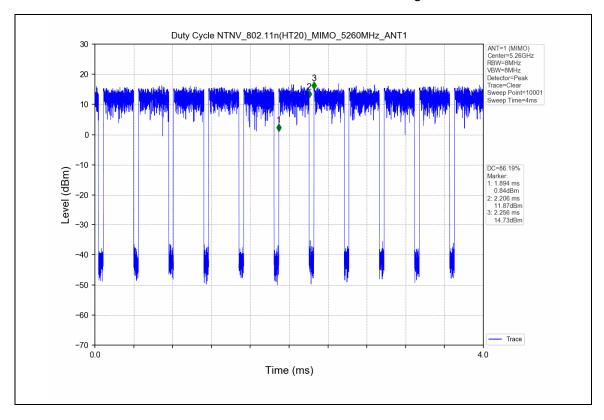
Member of the SGS Group (SGS SA)

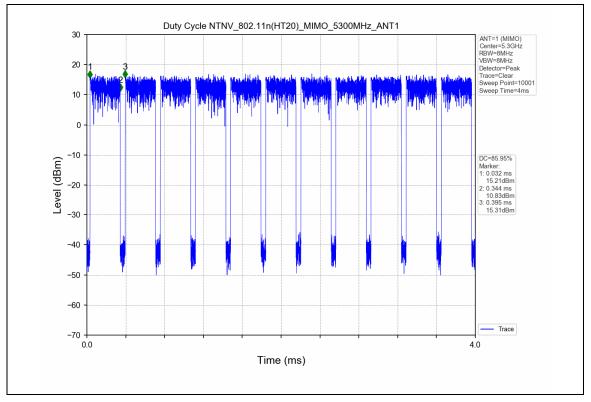


Report No.: SZCR210402034305

Page:

464 of 843







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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (80-755) No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594

中国・深圳・科技园中区M-10栋一号厂房

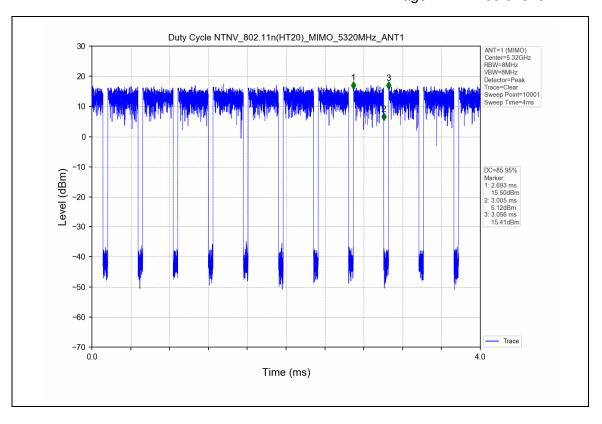
www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

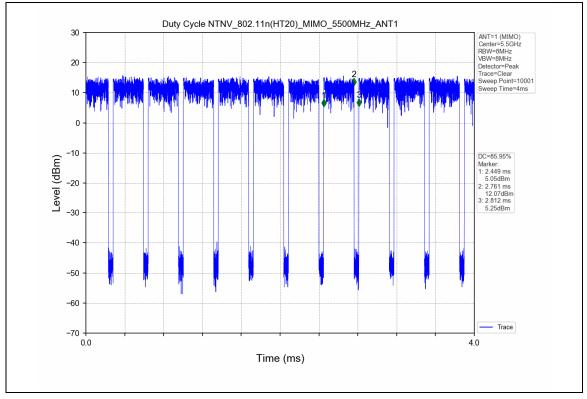
Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 465 of 843







SGS-CS

Shenzhen Br

sgs.china@sgs.com Member of the SGS Group (SGS SA)

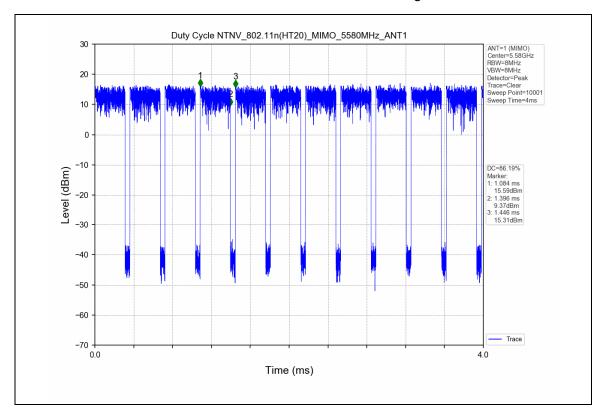
www.sgsgroup.com.cn

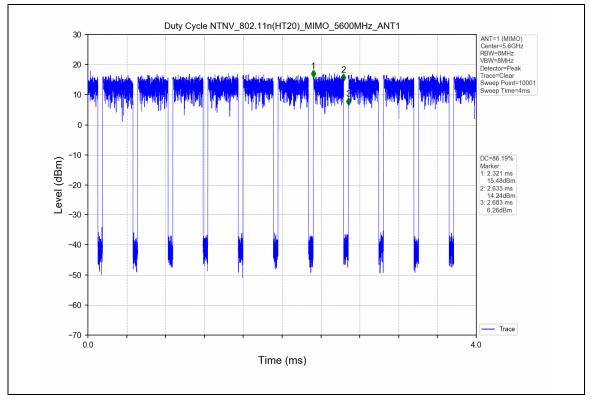


Report No.: SZCR210402034305

Page:

466 of 843







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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 excore a transaction from exercising all their rights and obligations under the transaction documents. 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) test retainton, 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: (80-755) www.sgsgroup.com.cn

中国・深圳・科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

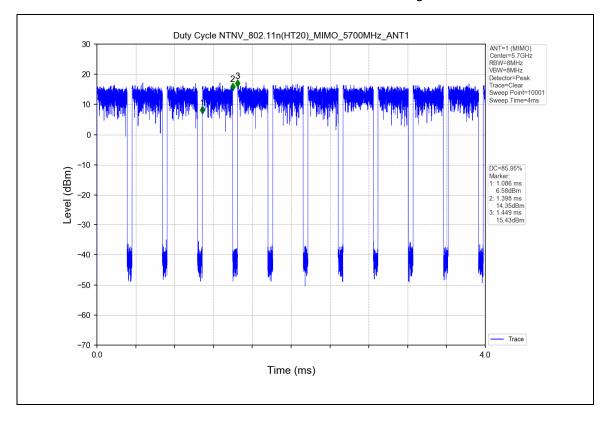
Member of the SGS Group (SGS SA)

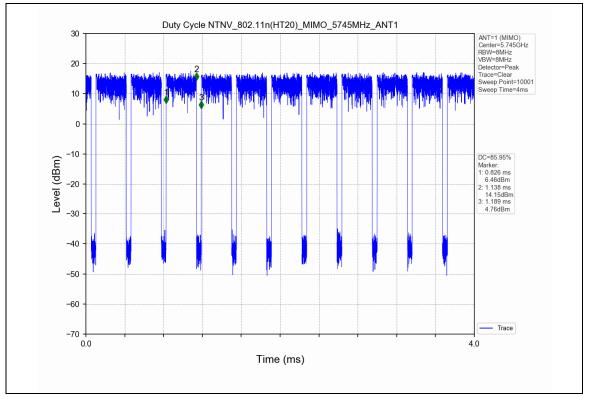


Report No.: SZCR210402034305

Page: 46

467 of 843







No.1 Workshop, M-10, Middle Section, Science & Technology Park, Sneinzien, Clinia 518057 t (66-753) 20012053 t (66-755) 26710594 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

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

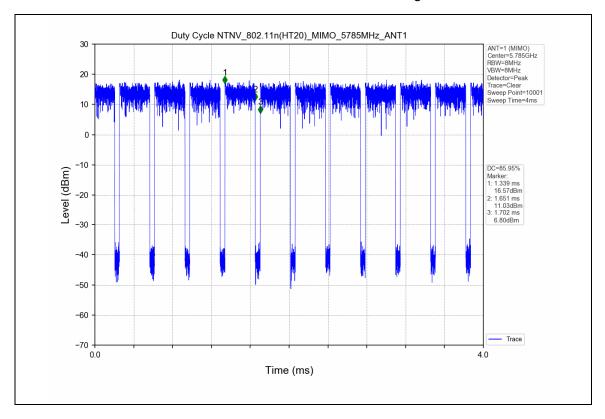
Member of the SGS Group (SGS SA)

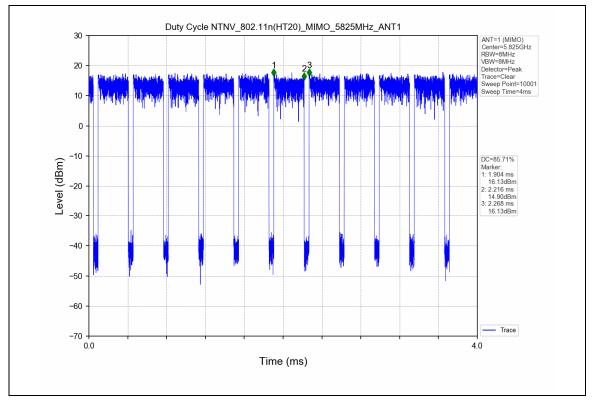


Report No.: SZCR210402034305

Page:

468 of 843







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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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) test end and sub-sample(s) are retained for 30 days on). Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: (8-0.Doccheck@egs.com)

中国・深圳・科技园中区M-10栋一号厂房

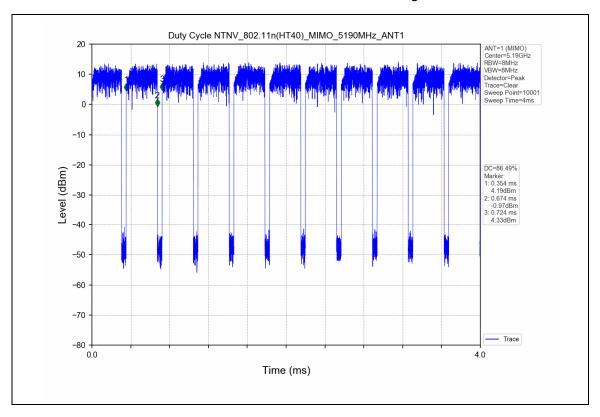
www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

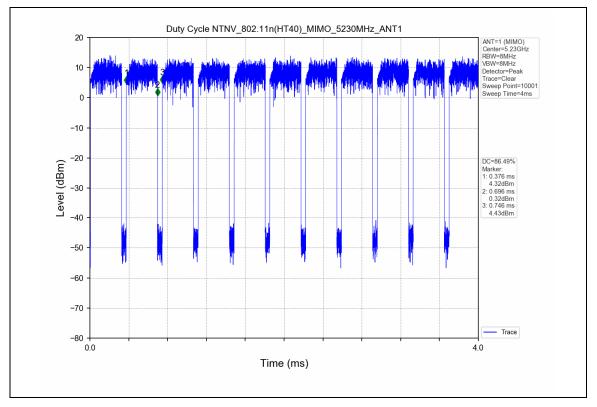


Report No.: SZCR210402034305

Page: 46

469 of 843







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-en-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 Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not excore a transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this terreport 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: QN\_Doccheck@ags.com

中国・深圳・科技园中区M-10栋一号厂房 由

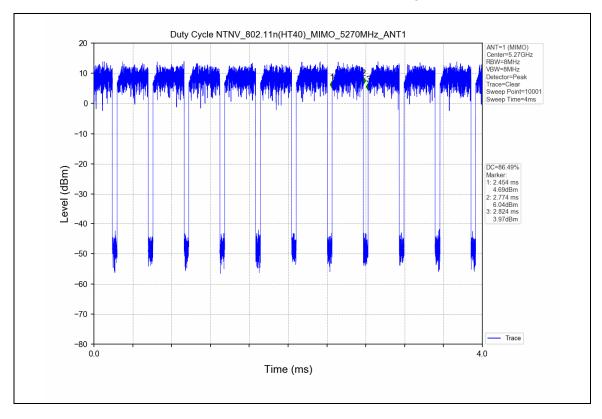
邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com Member of the SGS Group (SGS SA)

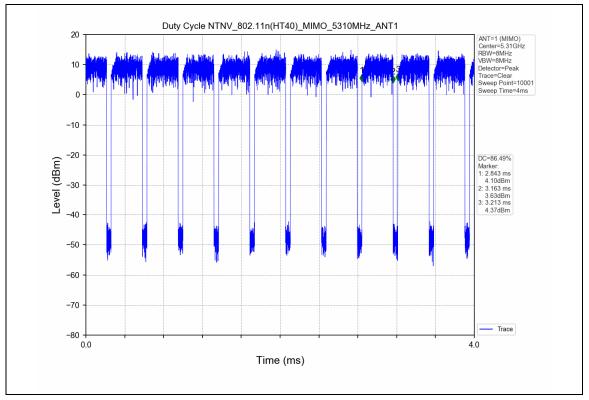


Report No.: SZCR210402034305

Page:

470 of 843







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

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

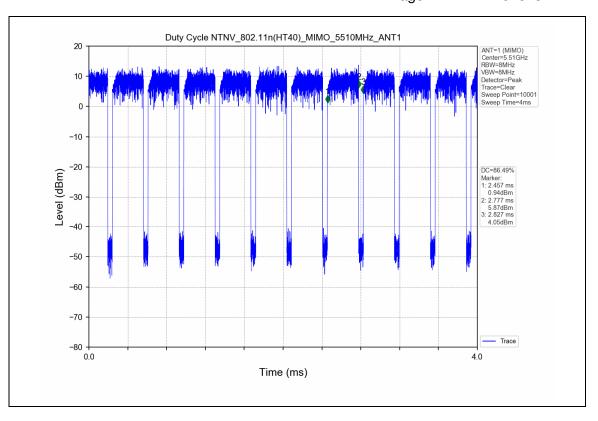
Shenzhen Br

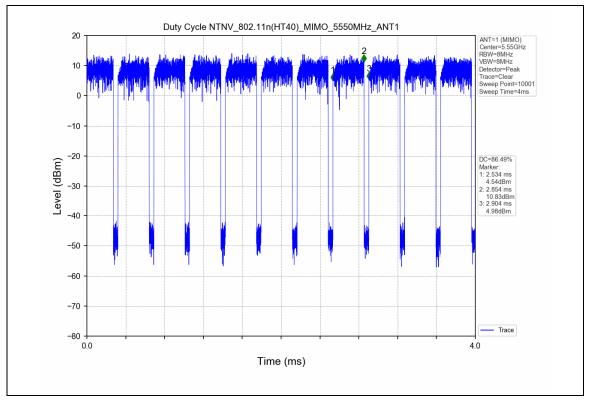
Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 471 of 843







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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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) test end and sub-sample(s) are retained for 30 days on). Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: (8-0.Doccheck@egs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 中国・深圳・科技园中区M-10栋一号厂房

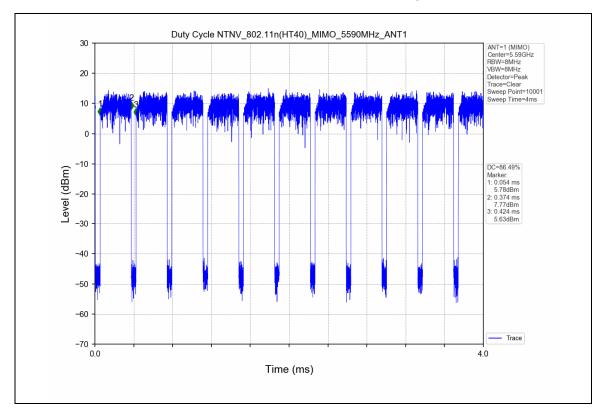
www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

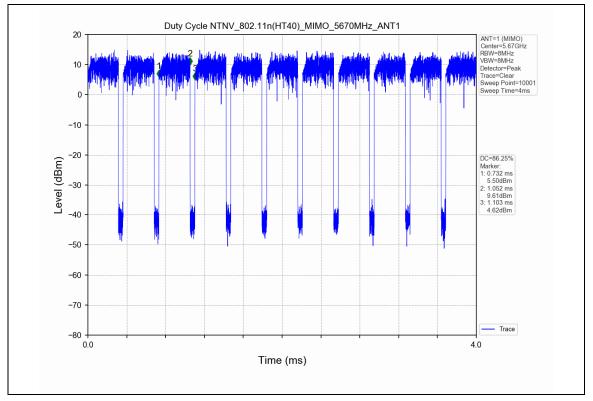


Report No.: SZCR210402034305

Page:

472 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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) test end and sub-sample(s) are retained for 30 days on). Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: (8-0.Doccheck@egs.com) No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn Co Ltd

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical S

Laboratory.

SGS-CS

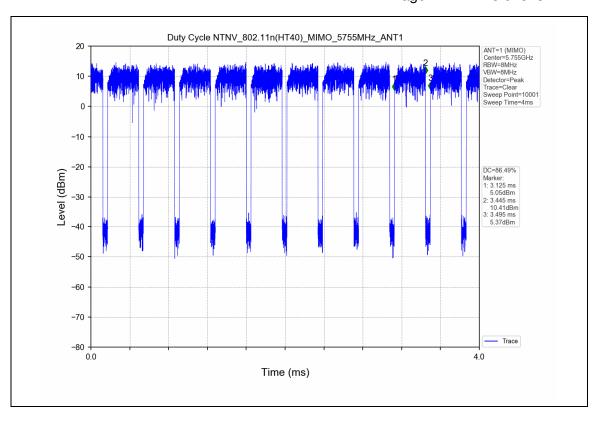
Shenzhen Br

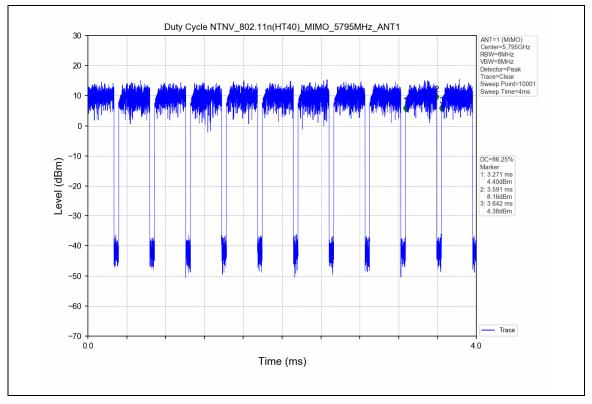
Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 473 of 843







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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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) test end and sub-sample(s) are retained for 30 days on). Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: (8-0.Doccheck@egs.com)

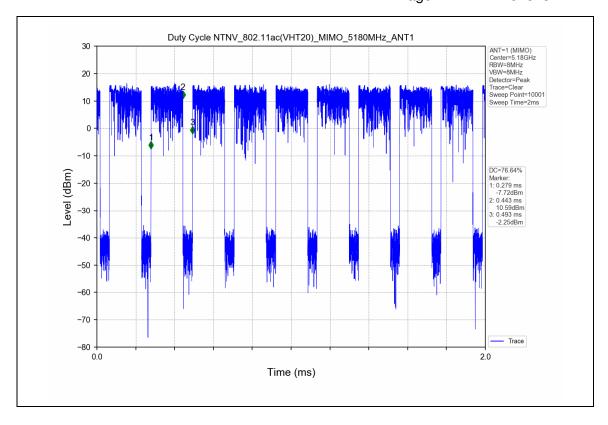
中国・深圳・科技园中区M-10栋一号厂房

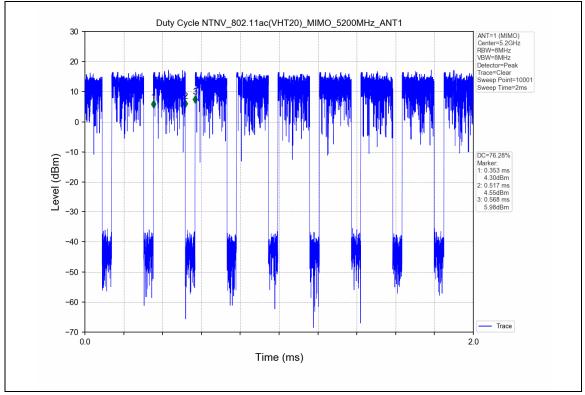
www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: SZCR210402034305

Page: 474 of 843







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-en-Document.aspx. Attention is drawn to the limitation of ilability, 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 Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this terport 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 a certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN\_Doccheck@ags.com

中国・深圳・科技园中区M-10栋一号厂房 邮

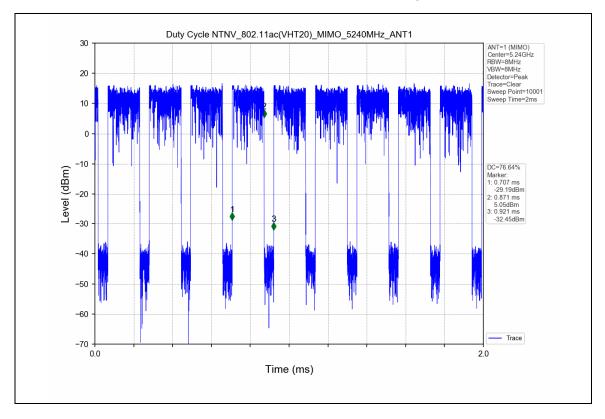
邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com Member of the SGS Group (SGS SA)

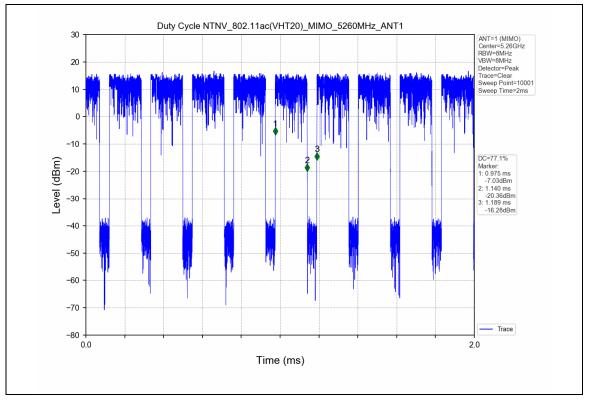


Report No.: SZCR210402034305

Page:

475 of 843







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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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) test end and sub-sample(s) are retained for 30 days on). Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: (8-0.Doccheck@egs.com) No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594

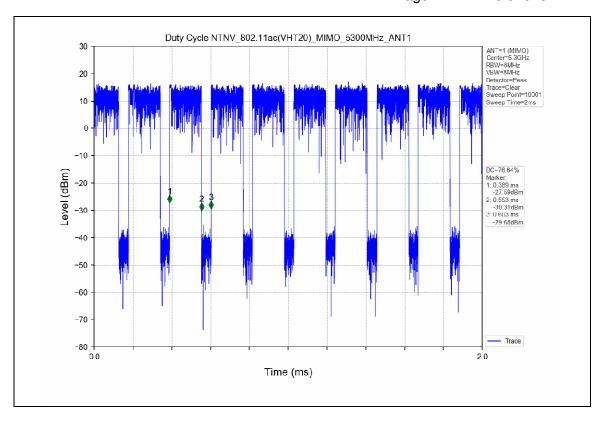
中国・深圳・科技园中区M-10栋一号厂房

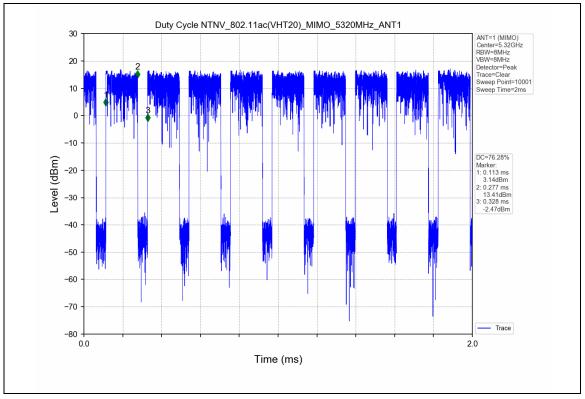
www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: SZCR210402034305

Page: 476 of 843







中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical Se

Laboratory.

SGS-CS

Shenzhen Br

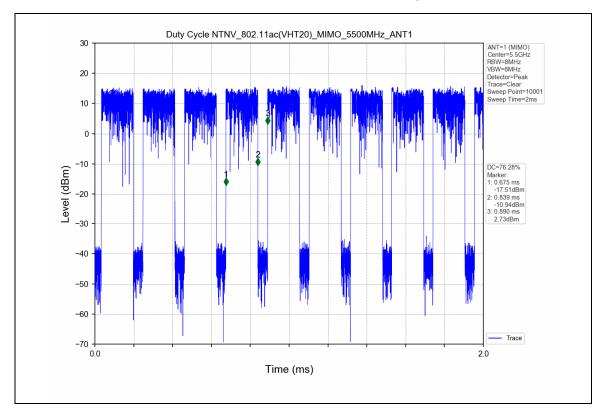
n, China 518057 t (86-755)26012053 f (86-755)26710594 www.sgsgroup.com.cn 邮编: 518057 t (86-755)26012053 f (86-755)26710594 sgs.china@sgs.com

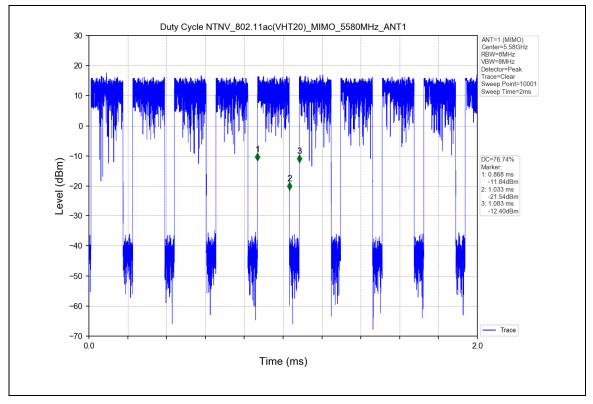


Report No.: SZCR210402034305

Page: 477

477 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a 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: <u>ON.Doc.ehe@ags.com</u></a>.

Hot.Tworkshop, M-10, Middle Section, Science & Technology Fark, Shenzhen, H 中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 ispection & Testing Services

rds Technical S

Laboratory.

SGS-CS

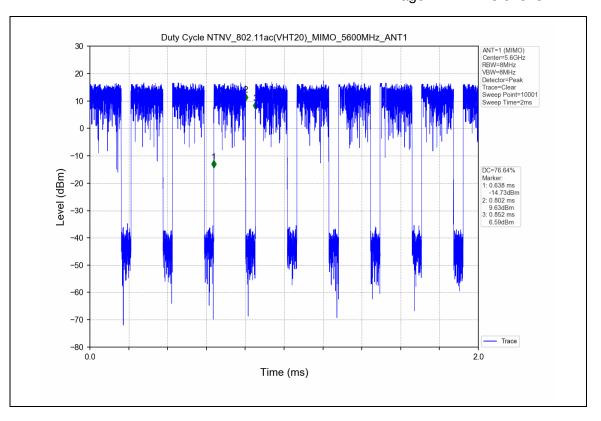
Shenzhen Br

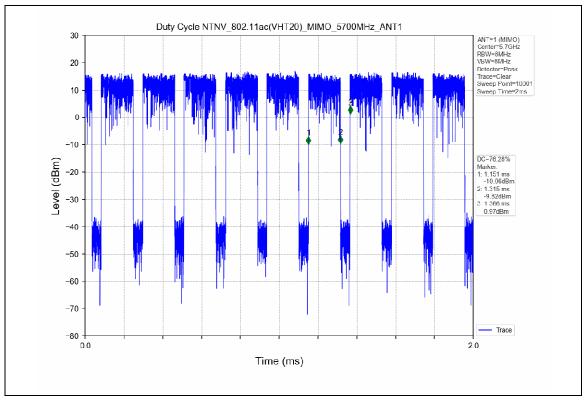
邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com Member of the SGS Group (SGS SA)



Report No.: SZCR210402034305

Page: 478 of 843







中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

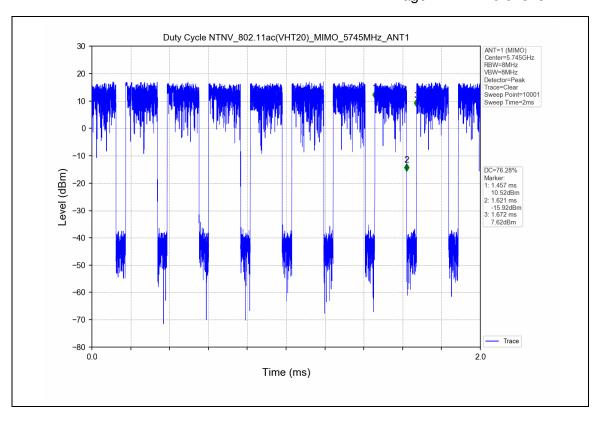
Shenzhen Br

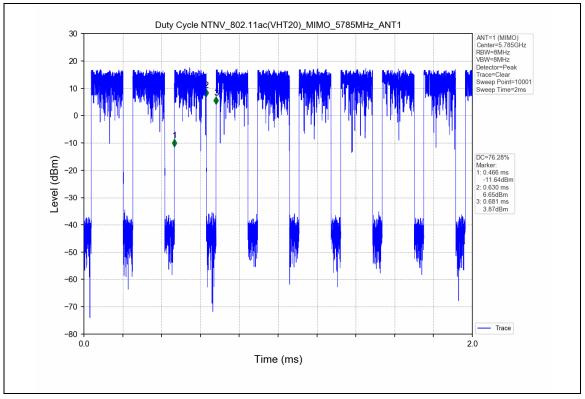
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: SZCR210402034305

Page: 479 of 843







中国·深圳·科技园中区M-10栋一号厂房 由

检验检测专用章 spection & Testing Services

rds Technical Se

Laboratory.

SGS-CS

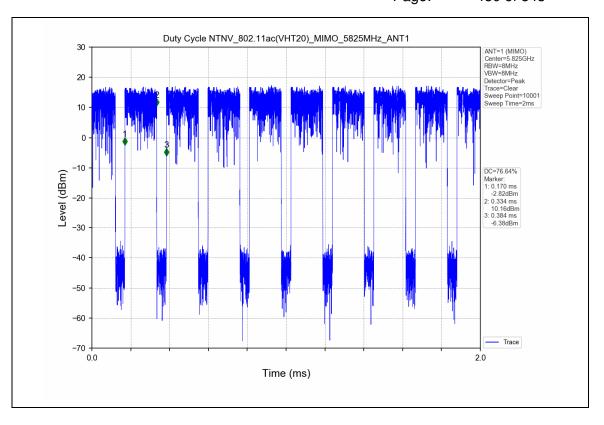
Shenzhen Br

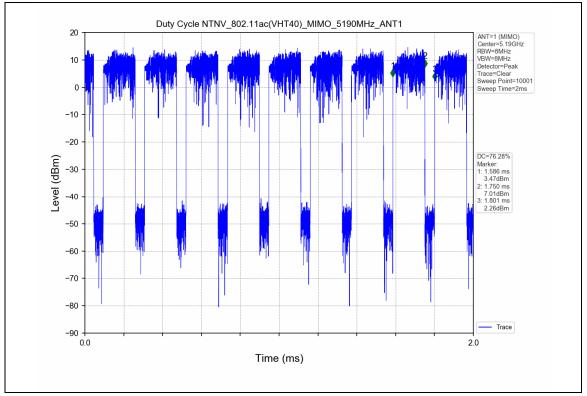
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: SZCR210402034305

Page: 480 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a 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: <u>ON.Doc.ehe@ags.com</u></a>.

中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical S

Laboratory.

SGS-CS

Shenzhen Br

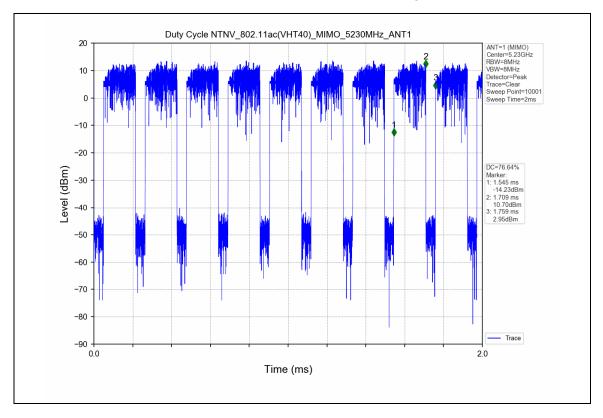
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

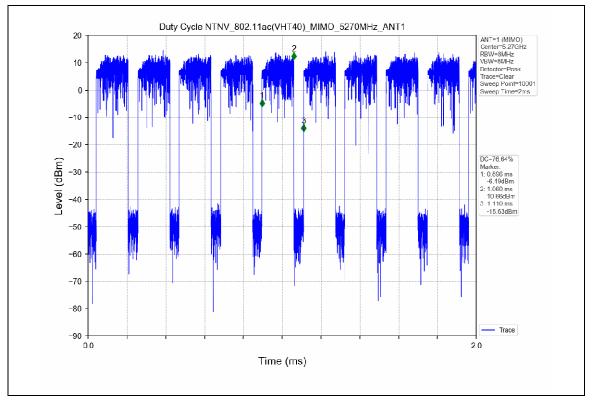


Report No.: SZCR210402034305

Page: 4

481 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a 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: <u>ON.Doc.ehe@ags.com</u></a>.

wei. 1 wonship, w-10, minute Section, obline & leannoingy Park, Shell Zilleri, Chinia S18057 t (66-755) 26012053 t (66-755) 26710594 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

检验检测专用章 spection & Testing Services

rds Technical S

Laboratory.

SGS-CS

Shenzhen Br

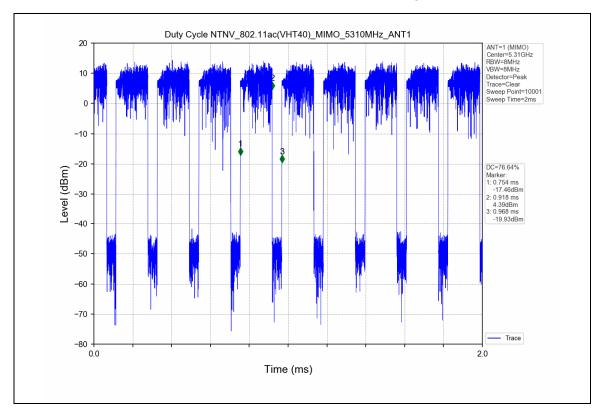
Member of the SGS Group (SGS SA)

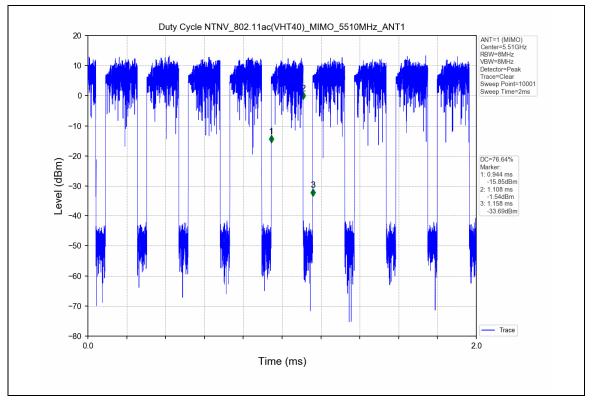


Report No.: SZCR210402034305

Page:

482 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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) test end and sub-sample(s) are retained for 30 days on). Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: (8-0.Doccheck@egs.com) No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 Co Ltd

中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

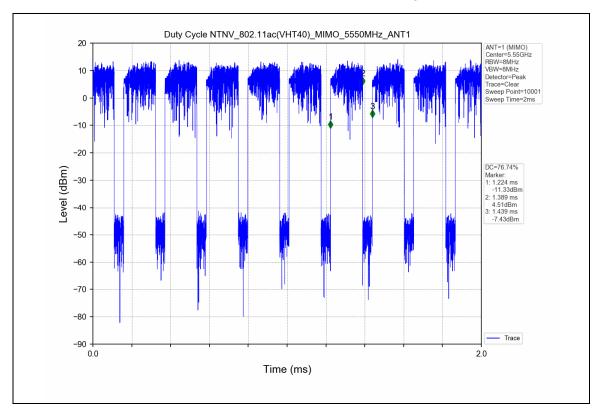
www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

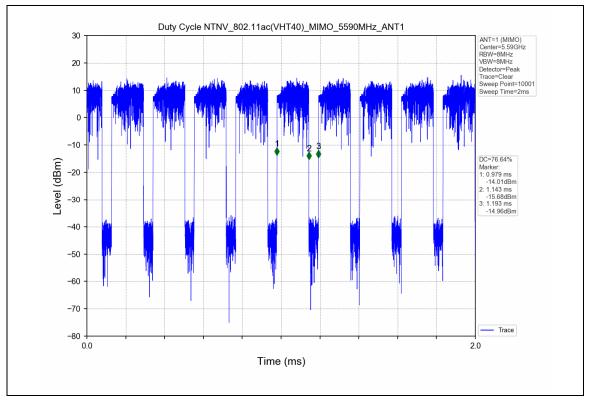


Report No.: SZCR210402034305

Page:

483 of 843







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-CS

Shenzhen Br

rds Technical Ş

Laboratory.

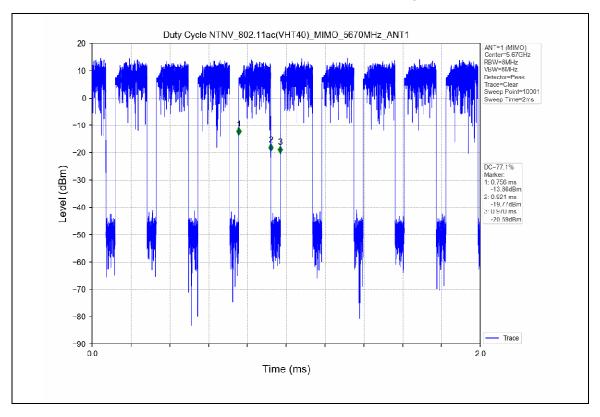
Member of the SGS Group (SGS SA)

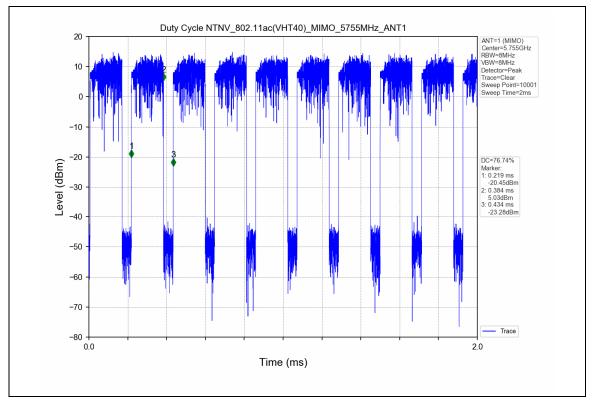


Report No.: SZCR210402034305

Page:

484 of 843





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 cennot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or 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: <u>CN.Doccheck@ass.com</u>

no.1 workshop, w-10, middle Section, Science & Technology Park, Shenzheit, C 中国・深圳・科技园中区M-10栋一号厂房 由

检验检测专用章 spection & Testing Services

rds Technical Se

Laboratory.

SGS-CS

Shenzhen Br

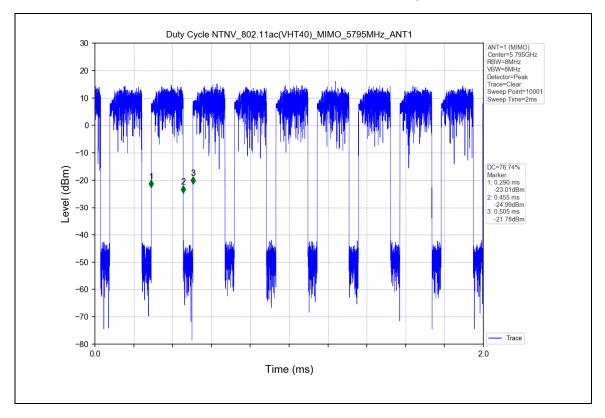
n, China 518057 t (86-755)26012053 f (86-755)26710594 www.sgsgroup.com.cn 邮编: 518057 t (86-755)26012053 f (86-755)26710594 sgs.china@sgs.com

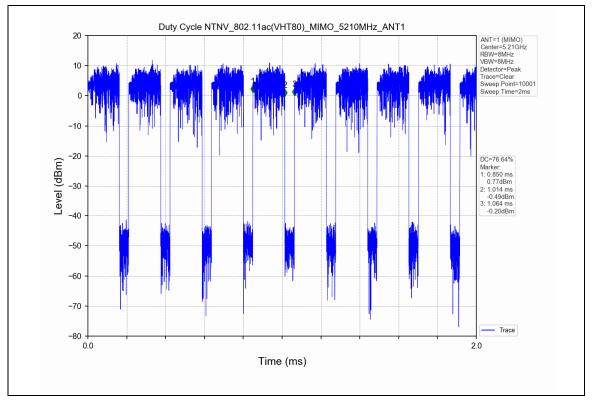


Report No.: SZCR210402034305

Page: 4

485 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a 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: <u>ON.Doc.ehe@ags.com</u></a>.

中国・深圳・科技园中区M-10栋一号厂房 由

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

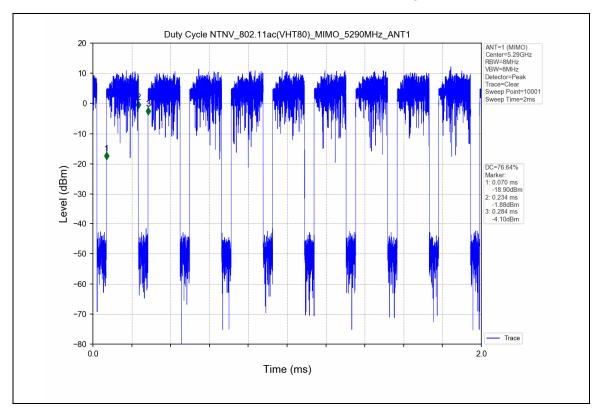
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

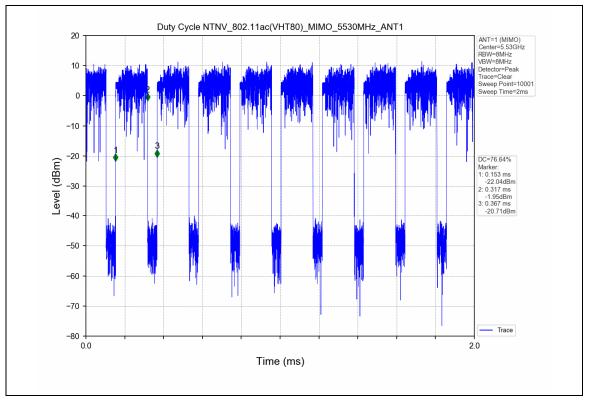


Report No.: SZCR210402034305

Page:

486 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a 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: <u>ON.Doc.ehe@ags.com</u></a>.

中国・深圳・科技园中区M-10栋一号厂房 由

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

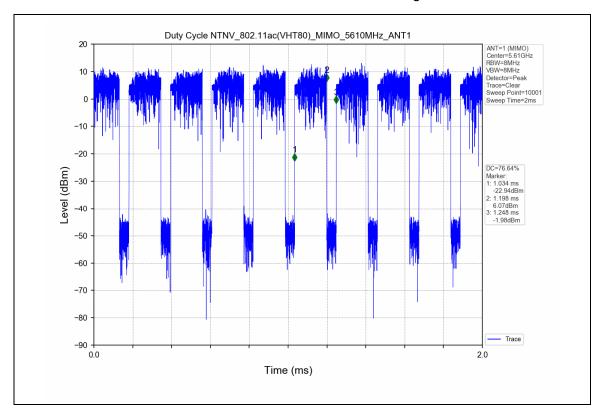
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

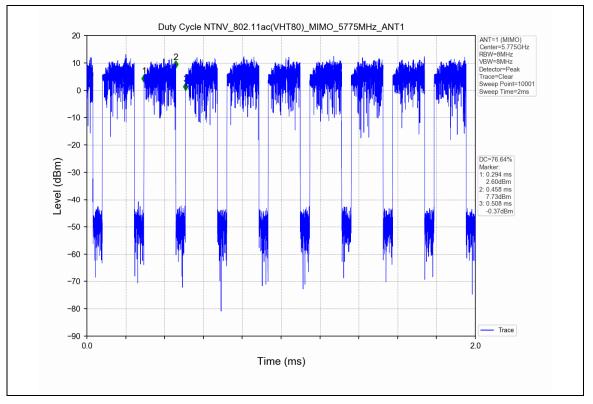


Report No.: SZCR210402034305

Page:

487 of 843







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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. 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 exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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) test end and sub-sample(s) are retained for 30 days on). Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: (8-0.Doccheck@egs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 中国・深圳・科技园中区M-10栋一号厂房

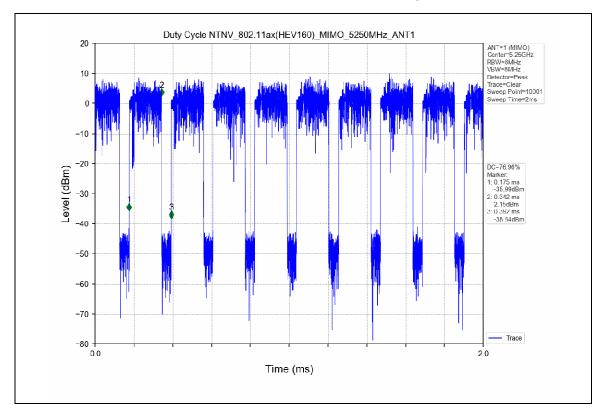
www.sgsgroup.com.cn 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

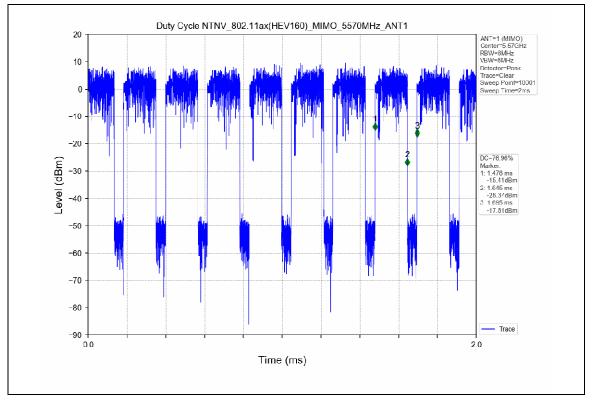


Report No.: SZCR210402034305

Page:

488 of 843







中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical S

Laboratory.

SGS-CS

Shenzhen Br

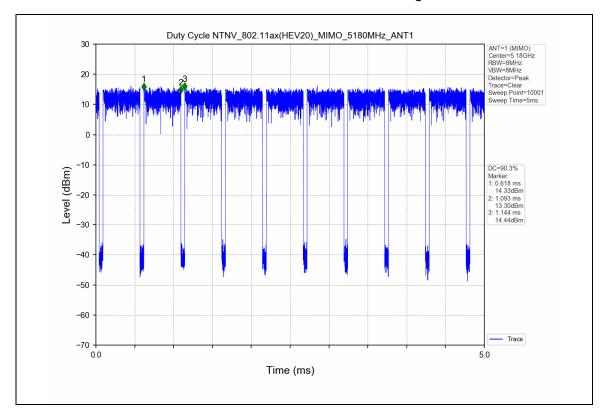
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 Member of the SGS Group (SGS SA)

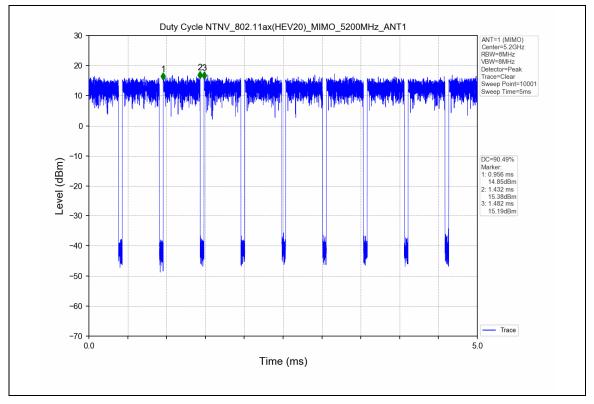


Report No.: SZCR210402034305

Page: 48

489 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions">http://www.sgs.com/en/Terms-and-Conditions</a> of electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a>. Attention is drawn to the limitation of lability, 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 exoncrate 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 refor only to the sample(s) lested 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</a>. (Mo.1Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn</a>.

中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical Se

Laboratory.

SGS-CS

Shenzhen Br

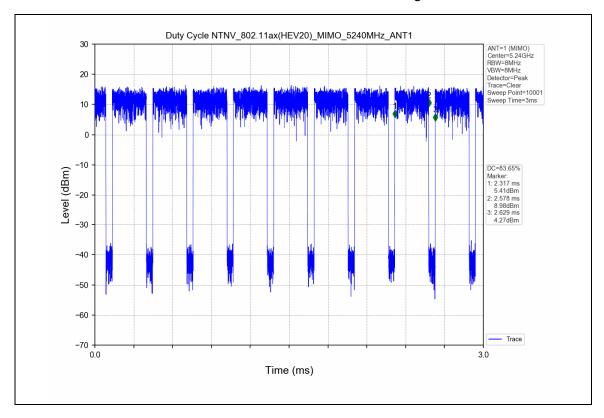
邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com Member of the SGS Group (SGS SA)

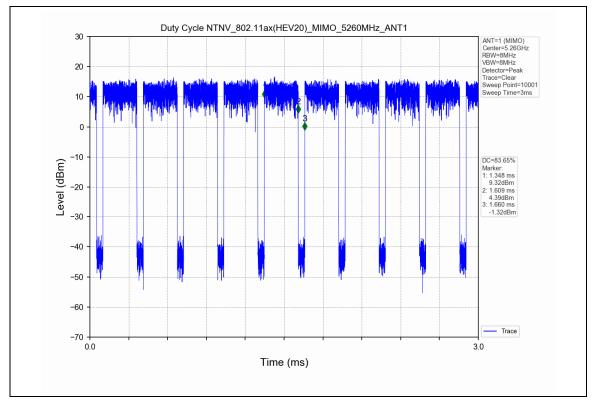


Report No.: SZCR210402034305

Page: 4

490 of 843







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 excore are parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is 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@ags.com

Hot.Tworkshop, w-10, middle Section, Science & Technology Park, Shenzhen, C 中国・深圳・科技园中区M-10栋一号厂房 由

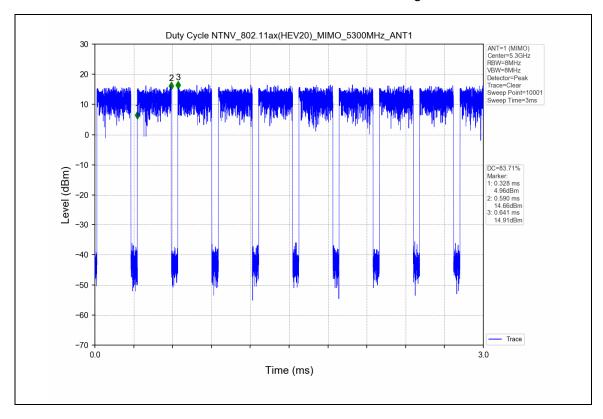
n, China 518057 t (86-755)26012053 f (86-755)26710594 www.sgsgroup.com.cn 邮编: 518057 t (86-755)26012053 f (86-755)26710594 sgs.china@sgs.com

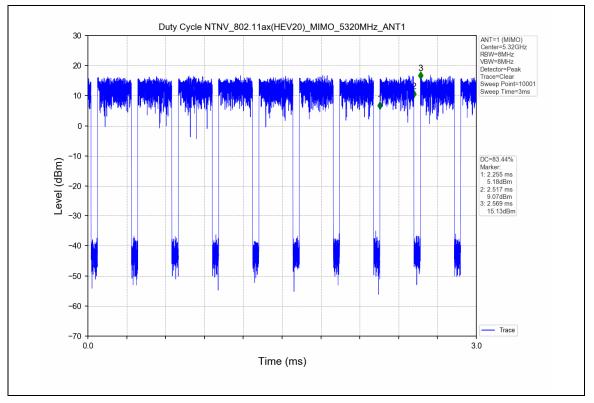


Report No.: SZCR210402034305

Page: 49

491 of 843





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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document does not exoncrate parties to a 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: <u>ON.Doc.ehe@ags.com</u></a>.

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

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

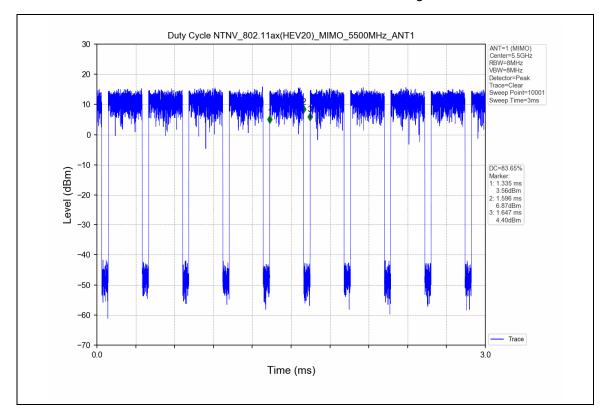
Member of the SGS Group (SGS SA)

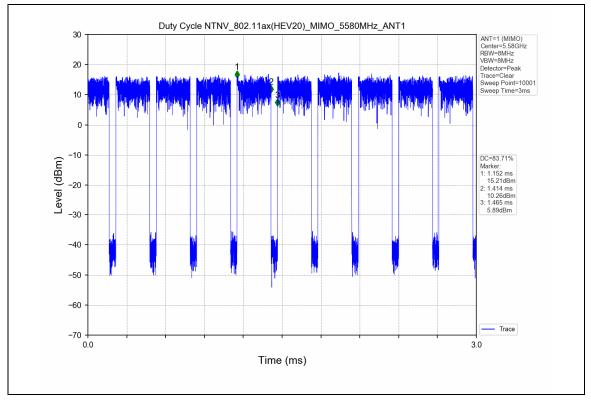


Report No.: SZCR210402034305

Page: 49

492 of 843







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-en-Document.aspx. Attention is drawn to the limitation of ilability, 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 Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this terport 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 a certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN\_Doccheck@ags.com

中国・深圳・科技园中区M-10栋一号厂房 曲

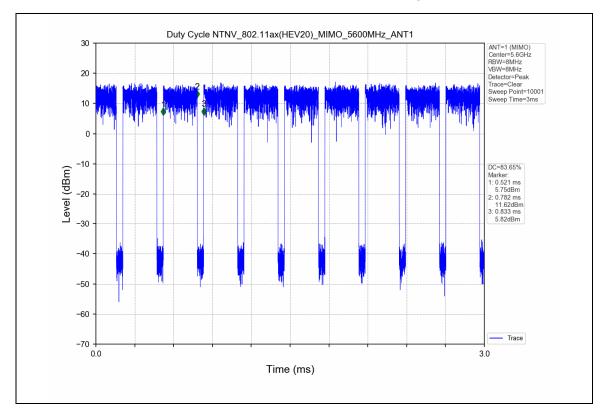
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

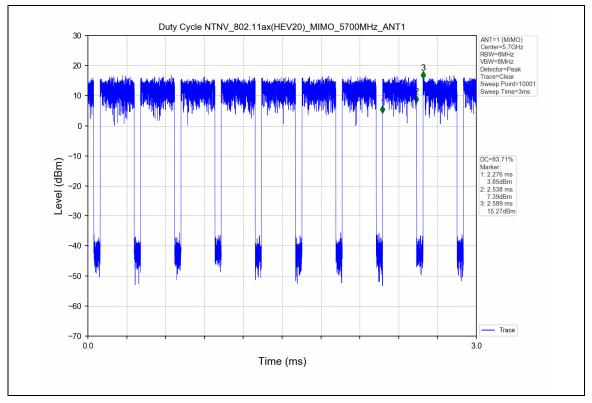


Report No.: SZCR210402034305

Page: 49

493 of 843







中国・深圳・科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

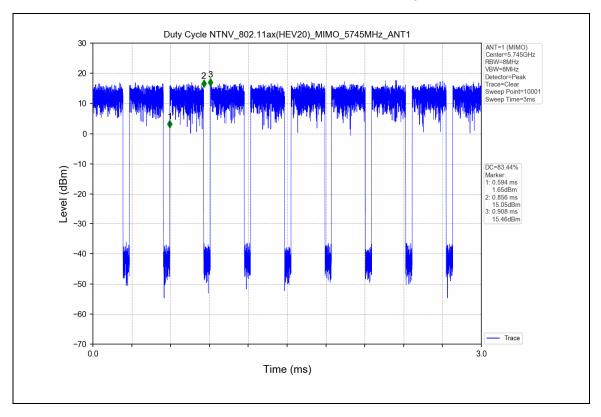
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

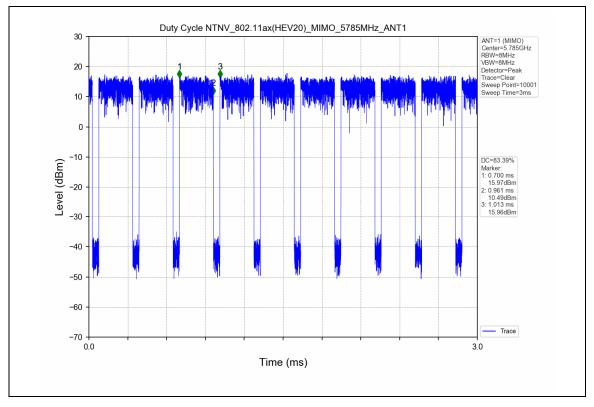


Report No.: SZCR210402034305

Page:

494 of 843







SGS-CS

Shenzhen Br

www.sgsgroup.com.cn

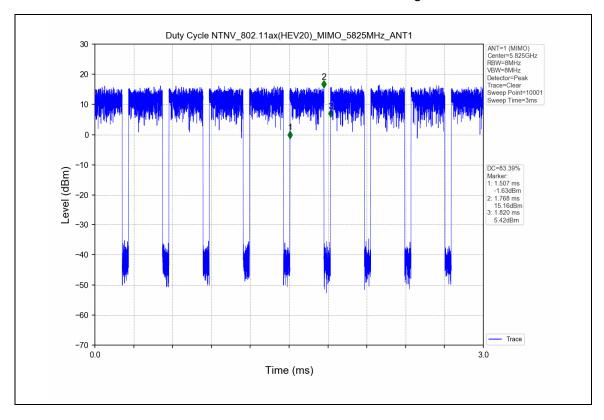
sgs.china@sgs.com

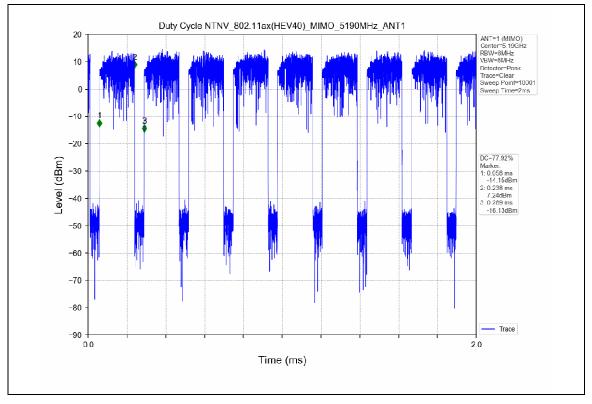


Report No.: SZCR210402034305

Page: 4

495 of 843







中国·深圳·科技园中区M-10栋一号厂房

检验检测专用章 spection & Testing Services

rds Technical Ş

Laboratory.

SGS-CS

Shenzhen Br

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com