



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

No. 1 Workshop, M-10, Middle section, Science & Technology Park, Nanshan
District, Shenzhen, Guangdong, China 518057

Telephone: +86 (0) 755 2601 2053
Fax: +86 (0) 755 2671 0594
Email: ee.shenzhen@sgs.com

Report No.: SZEM150700437303
Page: 1 of 193

FCC REPORT

Application No: SZEM1507004373CR
Applicant: Polk Audio
Manufacturer: Polk Audio
Factory: Zhao Yang Electronic (ShenZhen) Co., Ltd.
Product Name: wireless all-in-one speaker system
Model No.(EUT): OMNI S6
Trade Mark: POLK
FCC ID: WLQOMNIS6L
Standards: 47 CFR Part 15, Subpart E (2014)
Date of Receipt: 2015-07-25
Date of Test: 2015-08-18 to 2015-08-24
Date of Issue: 2015-09-02

| | |
|---------------------|---------------|
| Test Result: | PASS * |
|---------------------|---------------|

. * In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Jack Zhang
EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.



The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



2 Version

| Revision Record | | | | |
|-----------------|---------|------------|----------|----------|
| Version | Chapter | Date | Modifier | Remark |
| 00 | | 2015-09-02 | | Original |
| | | | | |
| | | | | |

| | | | |
|---------------------------------|---|--------------------------------------|---------------------------|
| Authorized for issue by: | | | |
| Tested By |  | (Owen Zhou) /Project Engineer | 2015-08-24 Date |
| Prepared By |  | (Joyce Shi) /Clerk | 2015-09-02 Date |
| Checked By |  | (Eric Fu) /Reviewer | 2015-09-02 Date |



3 Test Summary

| Test Item | Test Requirement | Test method | Result |
|---|-------------------------------------|-------------------|--------|
| Antenna Requirement | 47 CFR Part 15 Section 15.203 | ANSI C63.10: 2013 | PASS |
| AC Power Line Conducted Emission | 47 CFR Part 15 Section 15.407(b) | ANSI C63.10: 2013 | PASS |
| Conducted Output Power | 47 CFR Part 15 Section 15.407(a) | ANSI C63.10: 2013 | PASS |
| 6dB Occupied Bandwidth | 47 CFR Part 15 Section 15.407(e) | ANSI C63.10: 2013 | PASS |
| 26 dB Emission Bandwidth & 99% Occupied Bandwidth | 47 CFR Part 15 Section 15.407(a) | ANSI C63.10: 2013 | PASS |
| Power Spectral Density | 47 CFR Part 15 Section 15.407(a) | ANSI C63.10: 2013 | PASS |
| Radiated Spurious Emissions | 47 CFR Part 15 Section 15.407(b) | ANSI C63.10: 2013 | PASS |
| Restricted bands around fundamental frequency (Radiated Emission) | 47 CFR Part 15 Section 15.407(b) | ANSI C63.10: 2013 | PASS |
| Frequency Stability | 47 CFR Part 15 Section 15.407(g) | ANSI C63.10: 2013 | PASS |



4 Contents

| | Page |
|---|------------|
| | 1 |
| 2 VERSION..... | 2 |
| 3 TEST SUMMARY | 3 |
| 4 CONTENTS..... | 4 |
| 5 GENERAL INFORMATION | 5 |
| 5.1 CLIENT INFORMATION | 5 |
| 5.2 GENERAL DESCRIPTION OF EUT | 5 |
| 5.3 TEST ENVIRONMENT AND MODE..... | 8 |
| 5.4 DESCRIPTION OF SUPPORT UNITS..... | 8 |
| 5.5 TEST LOCATION..... | 8 |
| 5.6 TEST FACILITY..... | 9 |
| 5.7 DEVIATION FROM STANDARDS | 9 |
| 5.8 ABNORMALITIES FROM STANDARD CONDITIONS | 9 |
| 5.9 OTHER INFORMATION REQUESTED BY THE CUSTOMER | 9 |
| 5.10 EQUIPMENT LIST | 10 |
| 6 TEST RESULTS AND MEASUREMENT DATA..... | 13 |
| 6.1 ANTENNA REQUIREMENT | 13 |
| 6.2 CONDUCTED EMISSIONS | 14 |
| 6.3 CONDUCTED OUTPUT POWER..... | 18 |
| 6.4 26dB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH..... | 54 |
| 6.5 6dB EMISSION BANDWIDTH..... | 91 |
| 6.6 POWER SPECTRAL DENSITY..... | 97 |
| 6.7 RADIATED SPURIOUS EMISSIONS | 133 |
| 6.7.1 Radiated emission below 1GHz..... | 135 |
| 6.7.2 Transmitter emission above 1GHz..... | 137 |
| 6.8 RESTRICTED BANDS AROUND FUNDAMENTAL FREQUENCY | 154 |
| 6.9 FREQUENCY STABILITY..... | 180 |
| 7 PHOTOGRAPHS - EUT TEST SETUP..... | 192 |
| 7.1 CONDUCTED EMISSION | 192 |
| 7.2 RADIATED SPURIOUS EMISSION | 192 |
| 8 PHOTOGRAPHS - EUT CONSTRUCTIONAL DETAILS | 193 |



5 General Information

5.1 Client Information

| | |
|--------------------------|---|
| Applicant: | Polk Audio |
| Address of Applicant: | 5601 Metro Drive Baltimore, Maryland, 21215, USA |
| Manufacturer: | Polk Audio |
| Address of Manufacturer: | 5601 Metro Drive Baltimore, Maryland, 21215, USA |
| Factory: | Zhao Yang Electronic (ShenZhen) Co., Ltd. |
| Address of Factory: | Section A, 4th Floor, Building 1 & Building 2, De Yong Jia Industrial Park, Guang Qiao Road, Yu Lv Community, Gong Ming Street, Guang Ming New District, Shenzhen, Guangdong, P.R.C |

5.2 General Description of EUT

| | | | | |
|-----------------------|--|--------------------|----------------------|--------------------|
| Product Name: | wireless all-in-one speaker system | | | |
| Model No.: | OMNI S6 | | | |
| Trade Mark: | POLK | | | |
| Operation Frequency: | Band | Mode | Frequency Range(MHz) | Number of channels |
| | UNII Band I | IEEE 802.11a | 5180-5240 | 4 |
| | | IEEE 802.11n 20MHz | 5180-5240 | 4 |
| | | IEEE 802.11n 40MHz | 5190-5230 | 2 |
| | UNII Band II-A | IEEE 802.11a | 5260-5320 | 4 |
| | | IEEE 802.11n 20MHz | 5260-5320 | 4 |
| | | IEEE 802.11n 40MHz | 5270-5310 | 2 |
| | UNII Band II-C | IEEE 802.11a | 5500-5700 | 11 |
| | | IEEE 802.11n 20MHz | 5500-5700 | 11 |
| | | IEEE 802.11n 40MHz | 5510-5670 | 5 |
| | UNII Band III | IEEE 802.11a | 5745-5825 | 5 |
| | | IEEE 802.11n 20MHz | 5745-5825 | 5 |
| IEEE 802.11n 40MHz | | 5755-5795 | 2 | |
| Type of Modulation: | IEEE 802.11a: OFDM(BPSK/QPSK/16QAM/64QAM) IEEE 802.11n: OFDM(BPSK/QPSK/16QAM/64QAM) | | | |
| Sample Type: | Fixed production | | | |
| Test Power Grade: | 802.11a :13 dBm@54Mbps; 802.11n20(5G) :11 dBm@MCS7; 802.11n40(5G) :11 dBm@MCS7 (manufacturer declare) | | | |
| Test Software of EUT: | teraterm.exe (manufacturer declare) | | | |
| Antenna Type: | Integral | | | |
| Antenna Gain: | 3.92dBi | | | |
| Antenna Delivery: | 1TX+1RX | | | |



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

Report No.: SZEM150700437303

Page: 6 of 193

| | |
|---------------|---|
| | Remark: The antennas can not transmit simultaneously. |
| Power Supply: | AC 100-240V 50/60Hz |
| Test Voltage: | AC 120V 60Hz |

Note:

In FCC 15.31, for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table, and the selected channel to perform the test as below:

| Frequency Range of Operation Operating Frequency Range (in each Band) | Number of Measurement Frequencies Required | Location of Measurement Frequency in Band of Operation |
|---|---|---|
| 1 MHz or less | 1 | centre |
| 1 MHz to 10 MHz | 2 | 1 near high end, 1 near low end |
| Greater than 10 MHz | 3 | 1 near high end, 1 near centre |

For UNII Band I:

| Mode | Channel | Frequency(MHz) |
|----------------------|---------------------|----------------|
| IEEE 802.11a/n 20MHz | The Lowest channel | 5180 |
| | The Middle channel | 5200 |
| | The Highest channel | 5240 |
| IEEE 802.11n 40MHz | The Lowest channel | 5190 |
| | The Highest channel | 5230 |

For UNII Band II-A:

| Mode | Channel | Frequency(MHz) |
|----------------------|---------------------|----------------|
| IEEE 802.11a/n 20MHz | The Lowest channel | 5260 |
| | The Middle channel | 5300 |
| | The Highest channel | 5320 |
| IEEE 802.11n 40MHz | The Lowest channel | 5270 |
| | The Highest channel | 5310 |

For UNII Band II-C:

| Mode | Channel | Frequency(MHz) |
|----------------------|---------------------|----------------|
| IEEE 802.11a/n 20MHz | The Lowest channel | 5500 |
| | The Middle channel | 5600 |
| | The Highest channel | 5700 |
| IEEE 802.11n 40MHz | The Lowest channel | 5510 |
| | The Middle channel | 5590 |
| | The Highest channel | 5670 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 7 of 193

For UNII Band III:

| Mode | Channel | Frequency(MHz) |
|----------------------|---------------------|----------------|
| IEEE 802.11a/n 20MHz | The Lowest channel | 5745 |
| | The Middle channel | 5785 |
| | The Highest channel | 5825 |
| IEEE 802.11n 40MHz | The Lowest channel | 5755 |
| | The Highest channel | 5795 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



5.3 Test Environment and Mode

| Operating Environment: | |
|------------------------|--|
| Temperature: | 24.0 °C |
| Humidity: | 52 % RH |
| Atmospheric Pressure: | 1005 mbar |
| Test mode: | |
| Transmitting mode | Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate. |

5.4 Description of Support Units

The EUT has been tested independent unit.

5.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch E&E Lab,
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China.
518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **CNAS (No. CNAS L2929)**

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- **VCCI**

The 10m Semi-anechoic chamber and Shielded Room (7.5m x 4.0m x 3.0m) of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-823, R-4188, T-1153 and C-2383 respectively.

- **FCC – Registration No.: 556682**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 556682.

- **Industry Canada (IC)**

Two 3m Semi-anechoic chambers of SGS-CSTC Standards Technical Services Co., Ltd. have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-2.

5.7 Deviation from Standards

None.

5.8 Abnormalities from Standard Conditions

None.

5.9 Other Information Requested by the Customer

None.





5.10 Equipment List

| Conducted Emission | | | | | |
|--------------------|------------------------------------|------------------------------------|-----------------|---------------|---------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Due date (yyyy-mm-dd) |
| 1 | Shielding Room | ZhongYu Electron | GB-88 | SEL0042 | 2016-05-13 |
| 2 | LISN | Rohde & Schwarz | ENV216 | SEL0152 | 2015-10-24 |
| 3 | LISN | ETS-LINDGREN | 3816/2 | SEL0021 | 2016-05-13 |
| 4 | 8 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T8-02 | SEL0162 | 2015-08-30 |
| 5 | 4 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T4-02 | SEL0163 | 2015-08-30 |
| 6 | 2 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T2-02 | SEL0164 | 2015-08-30 |
| 7 | EMI Test Receiver | Rohde & Schwarz | ESCI | SEL0022 | 2016-05-13 |
| 8 | Coaxial Cable | SGS | N/A | SEL0025 | 2016-05-13 |
| 9 | DC Power Supply | Zhao Xin | RXN-305D | SEL0117 | 2015-10-24 |
| 10 | Humidity/ Temperature Indicator | Shanghai Qixiang | ZJ1-2B | SEL0103 | 2015-10-24 |
| 11 | Barometer | Chang Chun | DYM3 | SEL0088 | 2016-05-13 |



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

Report No.: SZEM150700437303

Page: 11 of 193

| RE in Chamber | | | | | |
|---------------|---------------------------------|------------------------------------|-------------|---------------|---------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Due date (yyyy-mm-dd) |
| 1 | 3m Semi-Anechoic Chamber | ETS-LINDGREN | N/A | SEL0017 | 2015-06-10 |
| 2 | Spectrum Analyzer | Rohde & Schwarz | FSU43 | SEL0270 | 2015-07-28 |
| 3 | EMI Test software | AUDIX | E3 | SEL0050 | N/A |
| 4 | BiConiLog Antenna (26-3000MHz) | ETS-LINDGREN | 3142C | SEL0015 | 2015-10-24 |
| 5 | Double-ridged horn (1-18GHz) | ETS-LINDGREN | 3117 | SEL0006 | 2015-10-24 |
| 6 | Horn Antenna (18-26GHz) | ETS-LINDGREN | 3160 | SEL0076 | 2015-10-24 |
| 7 | Horn Antenna(26GHz-40GHz) | A.H.Systems, inc. | SAS-573 | SEL0349 | 2016-03-20 |
| 8 | Pre-amplifier (0.1-1300MHz) | Agilent Technologies | 8447D | SEL0053 | 2015-05-16 |
| 9 | Pre-Amplifier (0.1-26.5GHz) | Compliance Directions Systems Inc. | PAP-0126 | SEL0168 | 2015-10-24 |
| 10 | Pre-amplifier(26GHz-40GHz) | Compliance Directions Systems Inc. | PAP-2640-50 | SEL0350 | 2016-03-20 |
| 11 | Coaxial cable | SGS | N/A | SEL0027 | 2015-05-29 |
| 12 | Coaxial cable | SGS | N/A | SEL0189 | 2015-05-29 |
| 13 | Coaxial cable | SGS | N/A | SEL0121 | 2015-05-29 |
| 14 | Coaxial cable | SGS | N/A | SEL0178 | 2015-05-29 |
| 15 | Band filter | Amindeon | 82346 | SEL0094 | 2015-05-16 |
| 16 | Barometer | Chang Chun | DYM3 | SEL0088 | 2015-05-16 |
| 17 | DC Power Supply | Zhao Xin | RXN-305D | SEL0117 | 2015-10-24 |
| 18 | Humidity/ Temperature Indicator | Shanghai Qixiang | ZJ1-2B | SEL0103 | 2015-10-24 |
| 19 | Signal Generator (10M-27GHz) | Rohde & Schwarz | SMR27 | SEL0067 | 2015-05-16 |
| 20 | Signal Generator | Rohde & Schwarz | SMY01 | SEL0155 | 2015-10-24 |
| 21 | Loop Antenna | Beijing Daze | ZN30401 | SEL0203 | 2015-06-04 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 12 of 193

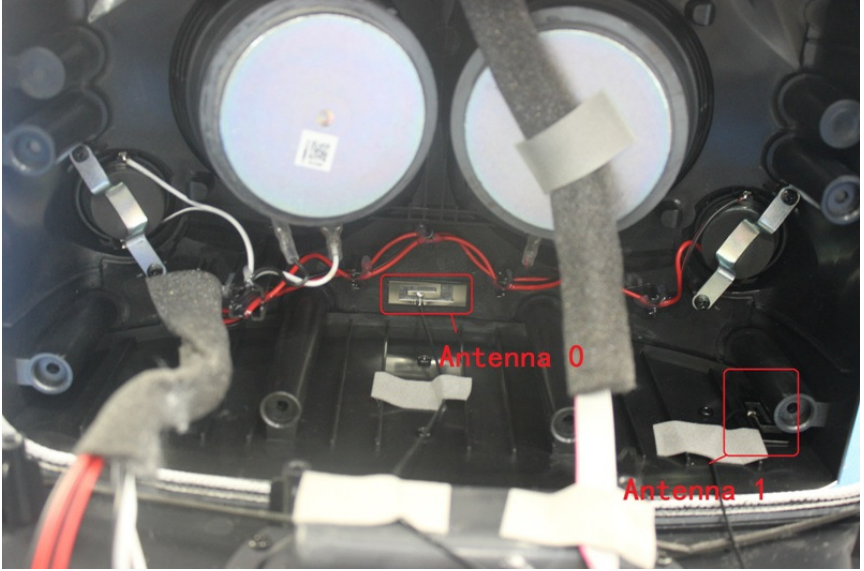
| RF connected test | | | | | |
|--------------------------|---------------------------------------|-------------------------|------------------|----------------------|----------------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Due date (yyyy-mm-dd) |
| 1 | DC Power Supply | Zhao Xin | RXN-305D | SEL0117 | 2015-10-24 |
| 2 | Humidity/ Temperature Indicator | HYGRO | ZJ1-2B | SEL0033 | 2015-10-24 |
| 3 | Spectrum Analyzer | Rohde & Schwarz | FSP | SEL0154 | 2015-10-24 |
| 4 | Coaxial cable | SGS | N/A | SEL0178 | 2016-05-13 |
| 5 | Coaxial cable | SGS | N/A | SEL0179 | 2016-05-13 |
| 6 | Barometer | ChangChun | DYM3 | SEL0088 | 2016-05-13 |
| 7 | Signal Generator | Rohde & Schwarz | SML03 | SEL0068 | 2016-04-25 |
| 8 | Band filter | amideon | 82346 | SEL0094 | 2016-05-13 |
| 9 | POWER METER | R & S | NRVS | SEL0144 | 2015-10-24 |
| 10 | Attenuator | Beijin feihang taida | TST-2-6dB | SEL0205 | 2016-04-25 |
| 11 | Power Divider(splitter) | Agilent Technologies | 11636B | SEL0130 | 2015-10-24 |

Note: The calibration interval is one year, all the instruments are valid.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

6 Test results and Measurement Data

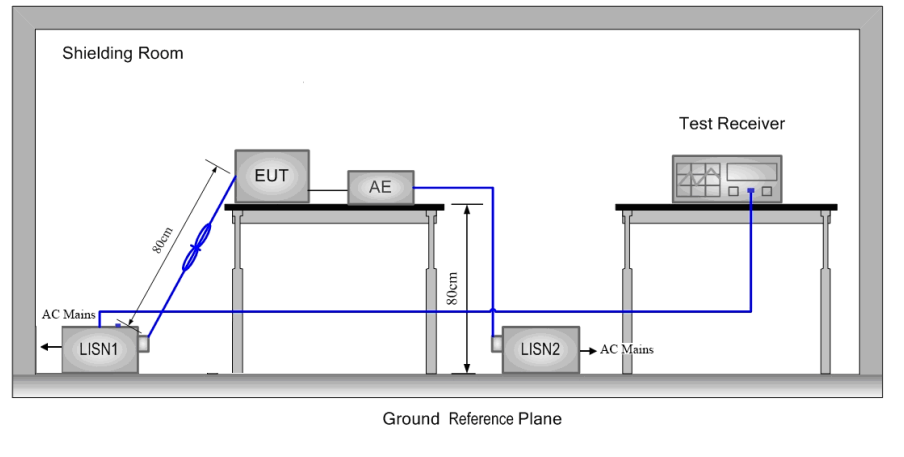
6.1 Antenna Requirement

| | |
|--|---|
| Test Requirement: | 47 CFR Part 15 Section 15.203 |
| EUT Antenna: |  |
| <p>The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is 3.92dBi. It support operations in 1X1 diversity , 1 X1 SISO configurations and Single-stream legacy modes .</p> | |



6.2 Conducted Emissions

| | | | |
|--|---|--------------|-----------|
| Test Requirement: | 47 CFR Part 15 Section 15.407(b) | | |
| Test Method: | ANSI C63.10: 2013 | | |
| Test Frequency Range: | 150kHz to 30MHz | | |
| Limit: | Frequency range (MHz) | Limit (dBuV) | |
| | | Quasi-peak | Average |
| | 0.15-0.5 | 66 to 56* | 56 to 46* |
| | 0.5-5 | 56 | 46 |
| | 5-30 | 60 | 50 |
| * Decreases with the logarithm of the frequency. | | | |
| Test Procedure: | <ol style="list-style-type: none"> 1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement. | | |

| | |
|-------------------------------|--|
| <p>Test Setup:</p> |  |
| <p>Exploratory Test Mode:</p> | <p>Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.</p> |
| <p>Final Test Mode:</p> | <p>Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report. Pre-scan was performed at Antenna 0 and Antenna 1, no worst case was found. Only the test data of Antenna 0 was shown in this report.</p> |
| <p>Instruments Used:</p> | <p>Refer to section 5.10 for details.</p> |
| <p>Test Results:</p> | <p>Pass</p> |

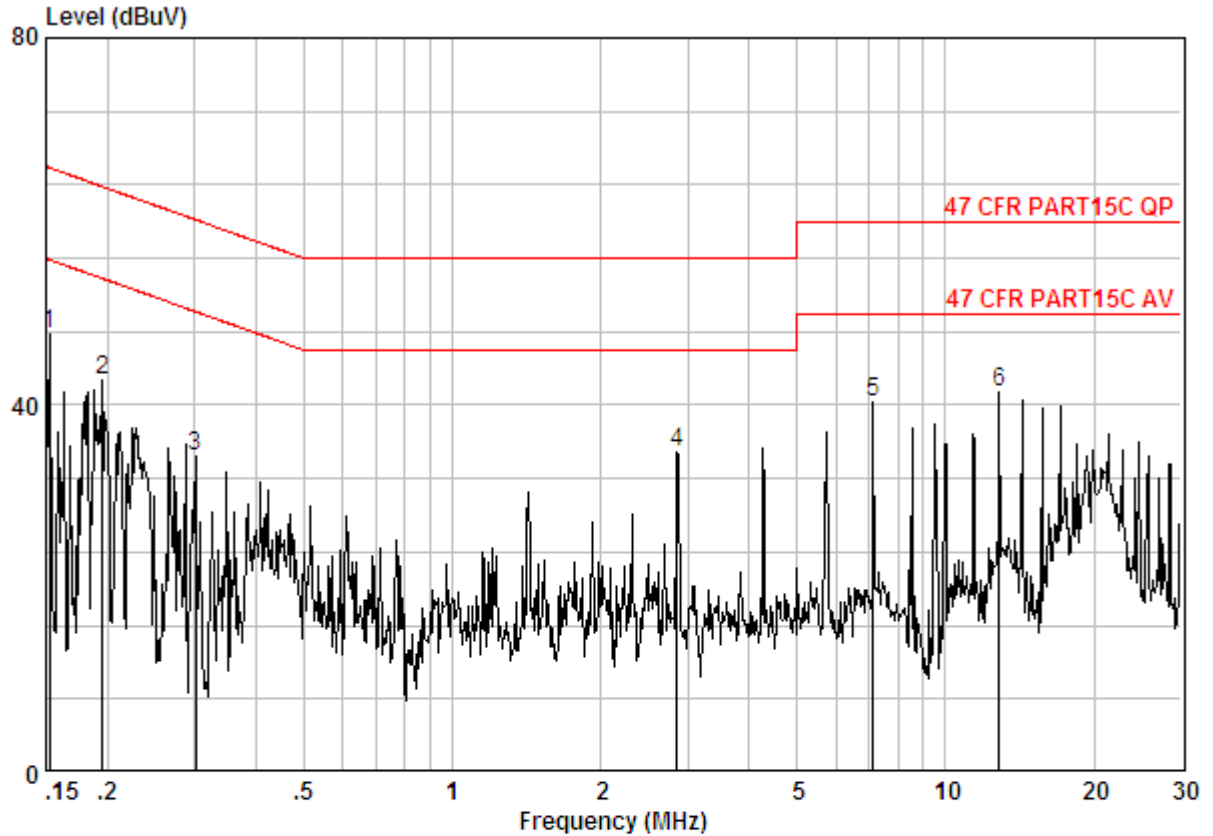


Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live Line:



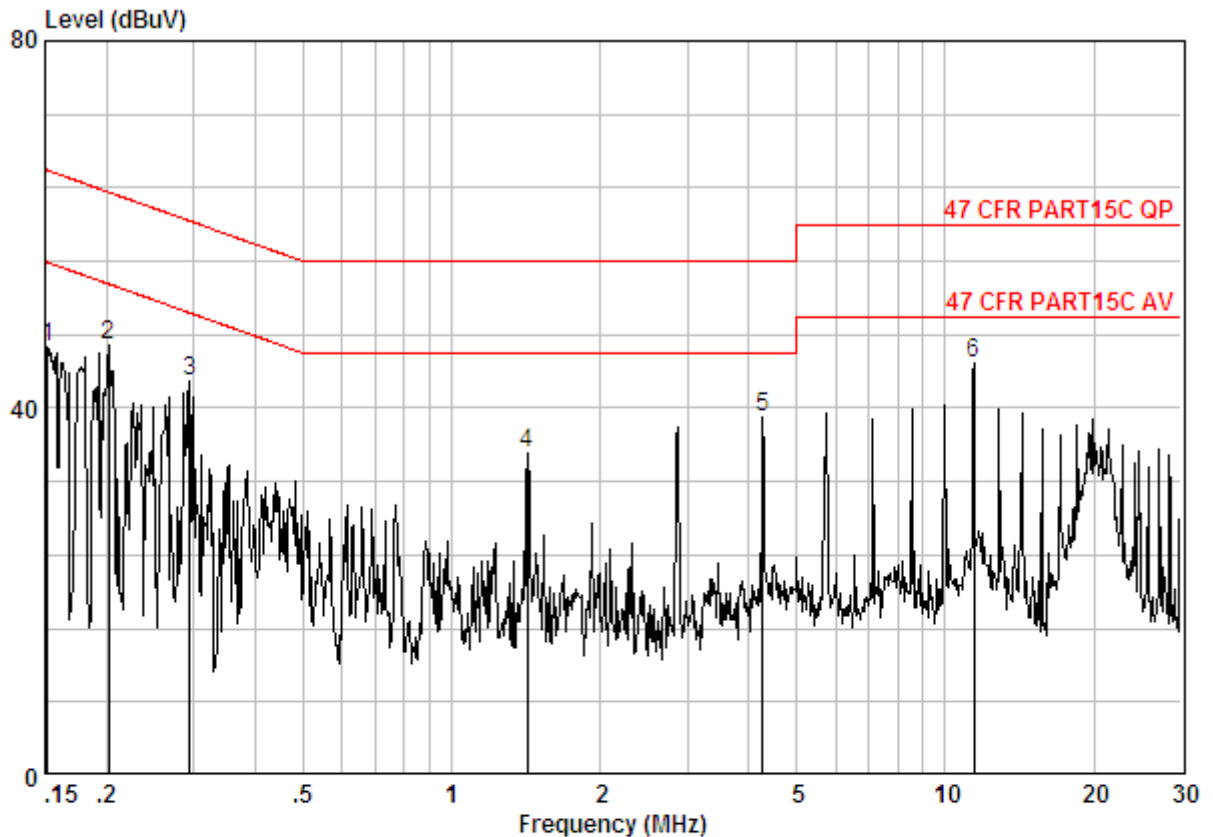
Site : Shielding Room
Condition : 47 CFR PART15C AV CE LINE
Job No. : 4373CR
Test Mode : TX

| | Freq | Cable Loss | LISN Factor | Read Level | Limit Line | Over Limit | Remark |
|---|---------|------------|-------------|------------|------------|------------|-------------|
| | MHz | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.15240 | 0.02 | 9.82 | 37.94 | 47.78 | 55.87 | -8.09 Peak |
| 2 | 0.19550 | 0.02 | 9.83 | 32.80 | 42.64 | 53.80 | -11.15 Peak |
| 3 | 0.30188 | 0.01 | 9.84 | 24.66 | 34.51 | 50.19 | -15.68 Peak |
| 4 | 2.854 | 0.02 | 10.02 | 24.81 | 34.84 | 46.00 | -11.16 Peak |
| 5 | 7.137 | 0.01 | 10.15 | 30.17 | 40.33 | 50.00 | -9.67 Peak |
| 6 | 12.852 | 0.01 | 10.16 | 31.26 | 41.43 | 50.00 | -8.57 Peak |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



Neutral Line:



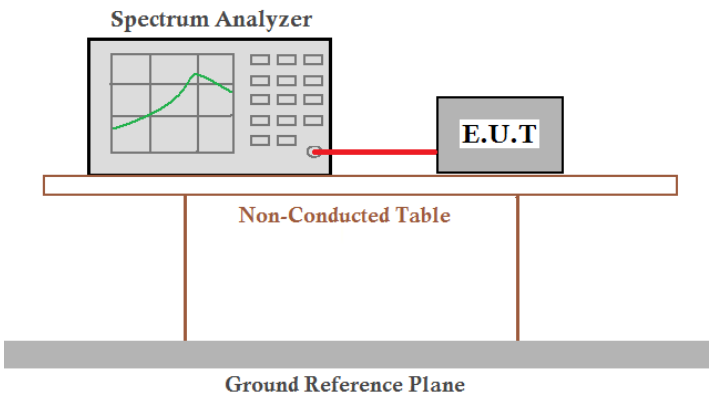
Site : Shielding Room
Condition : 47 CFR PART15C AV CE NEUTRAL
Job No. : 4373CR
Test Mode : TX

| | Freq | Cable Loss | LISN Factor | Read Level | Limit Level | Over Limit | Remark |
|-----|---------|------------|-------------|------------|-------------|------------|-------------|
| | MHz | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.15160 | 0.02 | 9.78 | 36.81 | 46.61 | 55.91 | -9.30 Peak |
| 2 | 0.20181 | 0.02 | 9.85 | 37.06 | 46.93 | 53.54 | -6.61 Peak |
| 3 | 0.29398 | 0.01 | 9.86 | 33.10 | 42.98 | 50.41 | -7.44 Peak |
| 4 | 1.426 | 0.02 | 10.07 | 24.99 | 35.09 | 46.00 | -10.91 Peak |
| 5 | 4.269 | 0.01 | 10.13 | 28.96 | 39.11 | 46.00 | -6.89 Peak |
| 6 @ | 11.438 | 0.01 | 10.16 | 34.82 | 44.99 | 50.00 | -5.01 Peak |

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.

6.3 Conducted Output Power

| | |
|------------------------|--|
| Test Requirement: | 47 CFR Part 15 Section 15.407(a) |
| Test Method: | ANSI C63.10: 2013 |
| Test Setup: |  <p><i>Remark:</i> Offset the High-Frequency cable loss 1.5dB in the spectrum analyzer.</p> |
| Test Instruments: | Refer to section 5.10 for details. |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. |
| Final Test Mode: | Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40). Only the worst case is recorded in the report. |
| Limit: | Frequency Band Limit |
| | 5150-5250MHz Not exceed 250mW(24dBm) |
| | 5250-5350MHz The lesser of 250mW(24dBm) or 11+ 10logB |
| | 5470-5725MHz The lesser of 250mW(24dBm) or 11+ 10logB |
| | 5725-5850MHz Not exceed 1W(30dBm) |
| | *Where B is the 26dB emission bandwidth in MHz |
| Test Results: | Pass |



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

Report No.: SZEM150700437303

Page: 19 of 193

Measurement Data:

| 802.11a mode | | | | |
|-----------------|------------------------------|-----------|-------------|--------|
| Frequency (MHz) | Conducted Output Power (dBm) | | Limit (dBm) | Result |
| | Antenna 0 | Antenna 1 | | |
| 5180 | 11.33 | 11.09 | 24.00 | Pass |
| 5200 | 11.52 | 11.46 | 24.00 | Pass |
| 5240 | 11.85 | 11.73 | 24.00 | Pass |
| 5260 | 11.96 | 11.47 | 23.99 | Pass |
| 5300 | 12.44 | 11.31 | 24.00 | Pass |
| 5320 | 12.34 | 10.70 | 24.00 | Pass |
| 5500 | 11.51 | 10.99 | 24.00 | Pass |
| 5600 | 11.79 | 11.23 | 24.00 | Pass |
| 5700 | 12.52 | 9.10 | 24.00 | Pass |
| 5745 | 11.64 | 10.40 | 30.00 | Pass |
| 5785 | 10.71 | 8.83 | 30.00 | Pass |
| 5825 | 9.86 | 8.15 | 30.00 | Pass |

| 802.11n(HT20) mode | | | | |
|--------------------|------------------------------|-----------|-------------|--------|
| Frequency (MHz) | Conducted Output Power (dBm) | | Limit (dBm) | Result |
| | Antenna 0 | Antenna 1 | | |
| 5180 | 9.89 | 8.87 | 24.00 | Pass |
| 5200 | 9.94 | 9.33 | 24.00 | Pass |
| 5240 | 10.23 | 9.78 | 24.00 | Pass |
| 5260 | 10.90 | 9.27 | 24.00 | Pass |
| 5300 | 11.60 | 8.60 | 24.00 | Pass |
| 5320 | 11.58 | 8.16 | 24.00 | Pass |
| 5500 | 10.00 | 10.12 | 24.00 | Pass |
| 5600 | 9.81 | 10.25 | 24.00 | Pass |
| 5700 | 11.09 | 8.17 | 24.00 | Pass |
| 5745 | 10.23 | 9.44 | 30.00 | Pass |
| 5785 | 9.83 | 8.41 | 30.00 | Pass |
| 5825 | 9.20 | 7.24 | 30.00 | Pass |



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 20 of 193

| 802.11n(HT40) mode | | | | |
|--------------------|------------------------------|-----------|-------------|--------|
| Frequency (MHz) | Conducted Output Power (dBm) | | Limit (dBm) | Result |
| | Antenna 0 | Antenna 1 | | |
| 5190 | 10.04 | 9.07 | 24.00 | Pass |
| 5230 | 10.13 | 9.44 | 24.00 | Pass |
| 5270 | 11.37 | 8.88 | 24.00 | Pass |
| 5310 | 11.64 | 8.33 | 24.00 | Pass |
| 5510 | 9.86 | 9.88 | 24.00 | Pass |
| 5590 | 10.26 | 10.34 | 24.00 | Pass |
| 5670 | 11.35 | 8.35 | 24.00 | Pass |
| 5755 | 9.99 | 9.18 | 30.00 | Pass |
| 5795 | 9.41 | 8.10 | 30.00 | Pass |

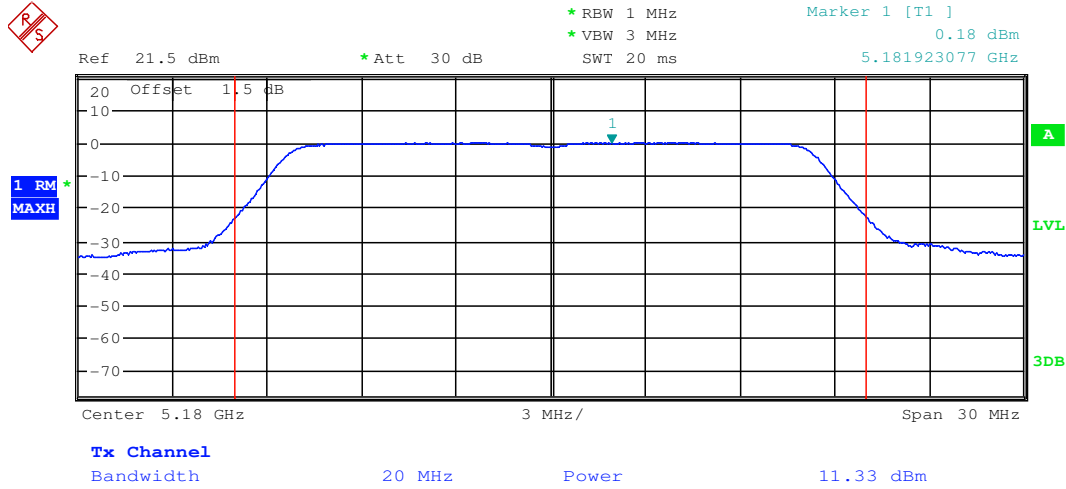
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



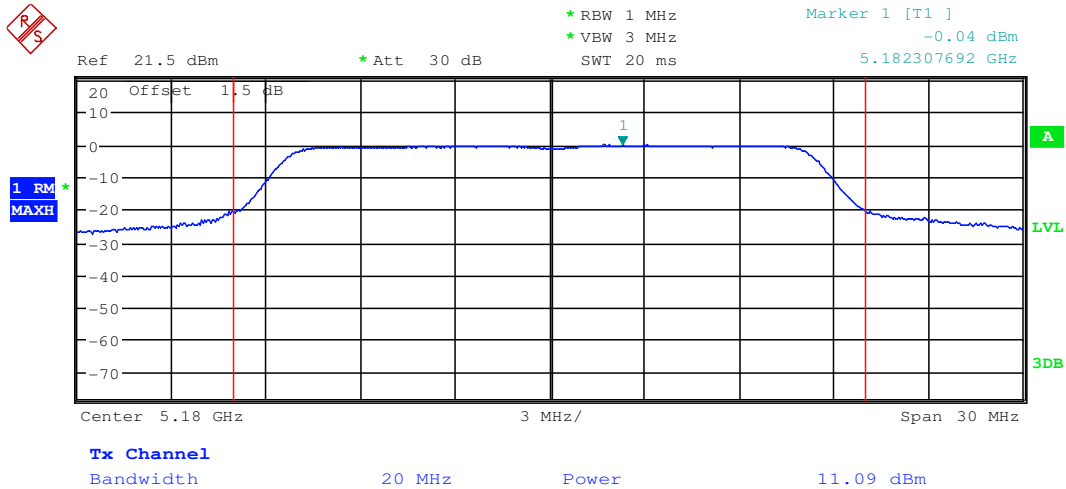
Test plot as follows:

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5180 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1





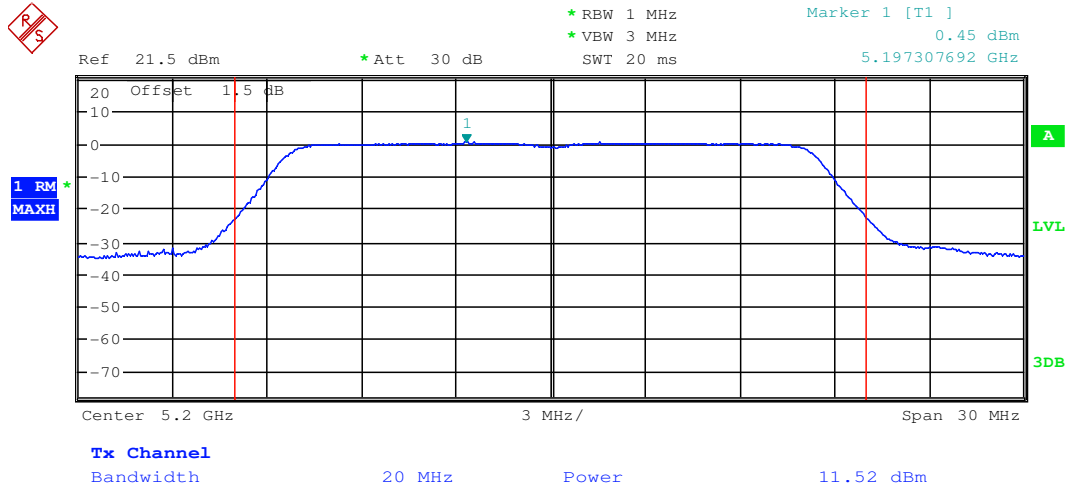
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

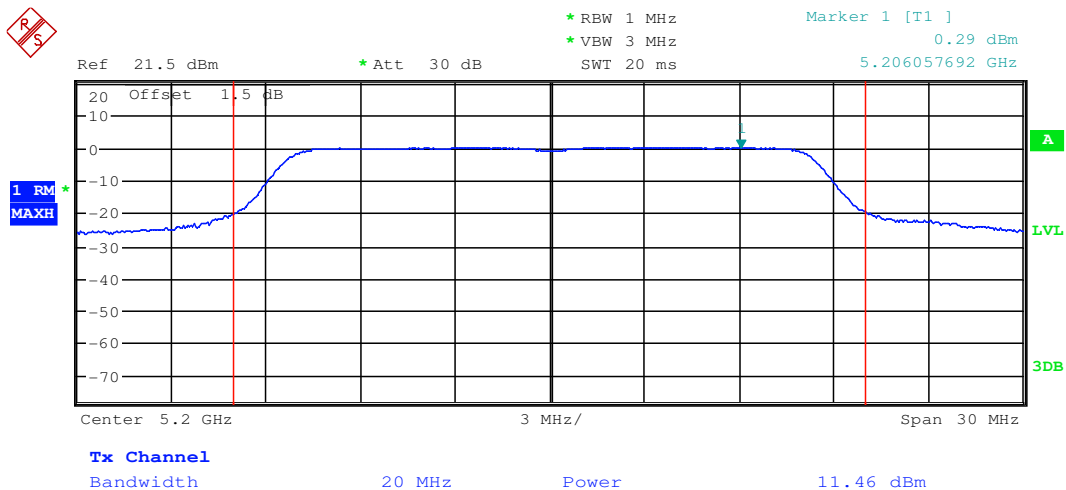
Page: 22 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5200 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



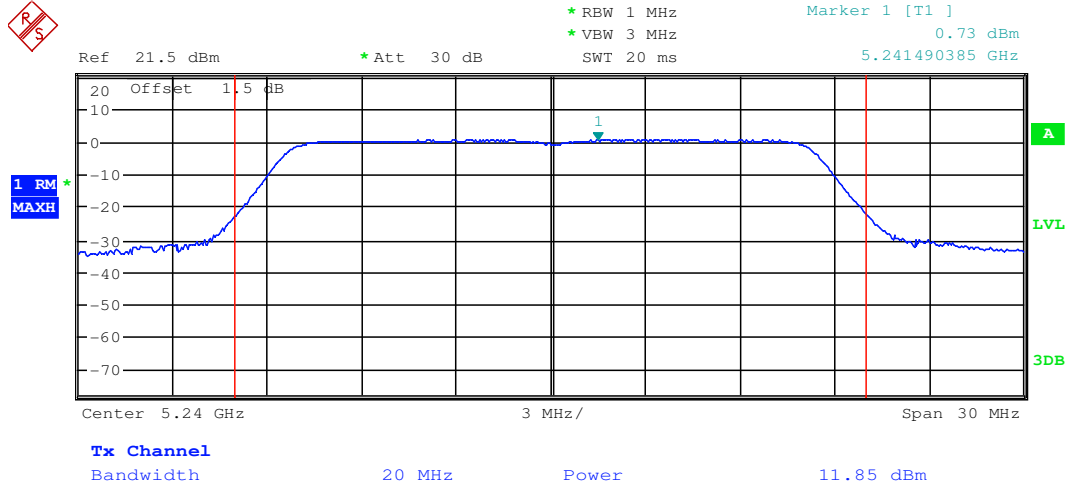
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

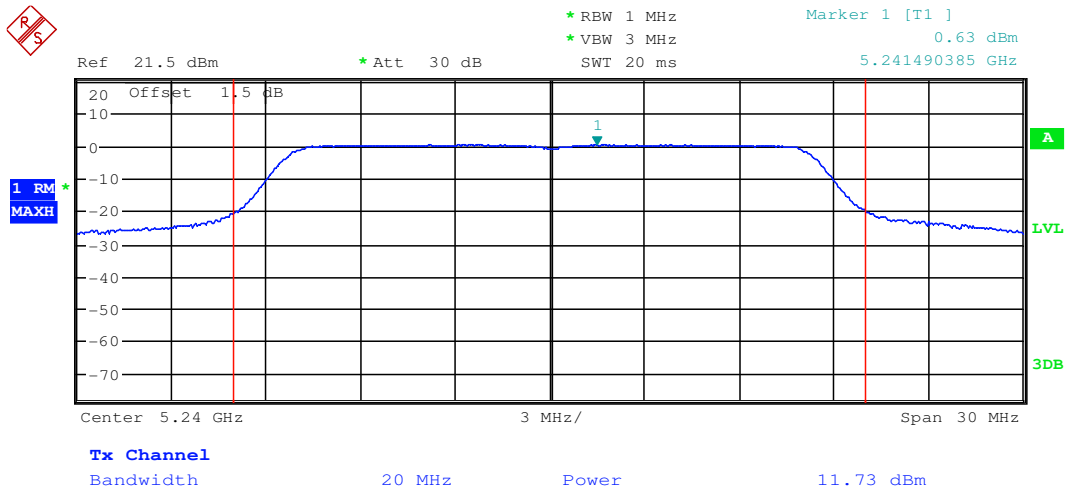
Page: 23 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5240 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



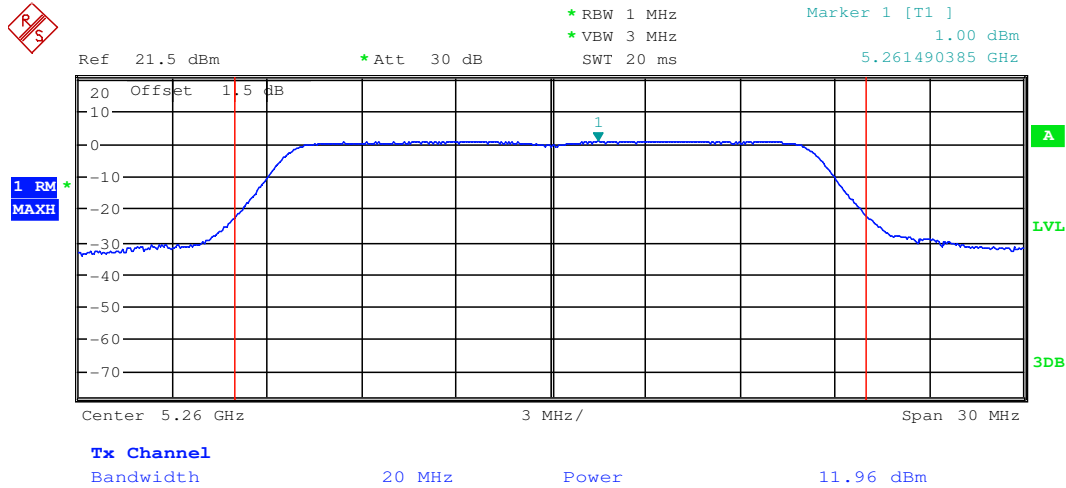
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

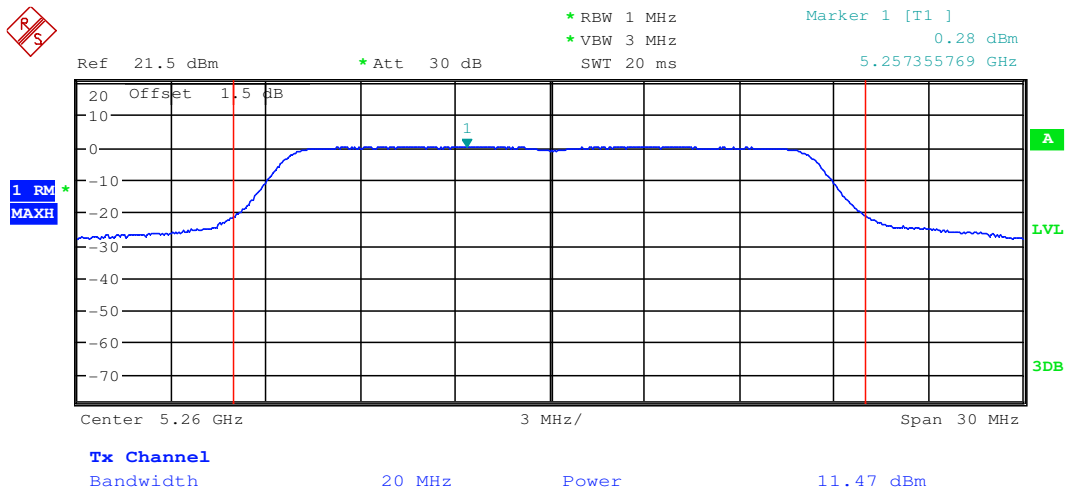
Page: 24 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5260 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



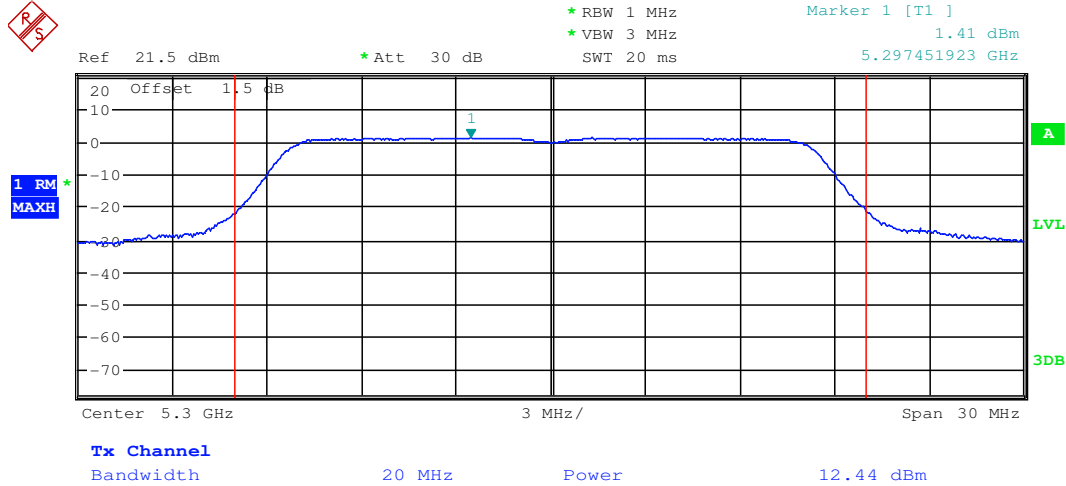
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

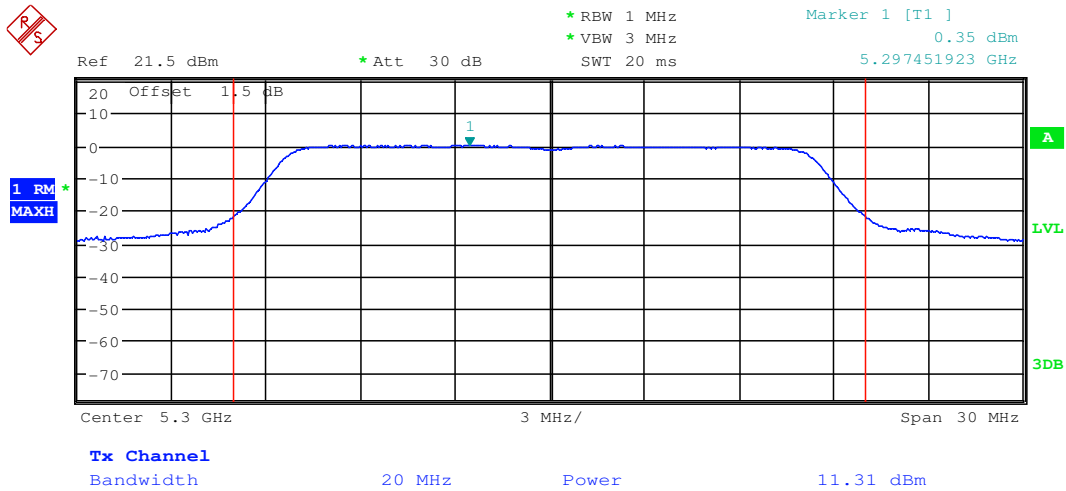
Page: 25 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5300 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



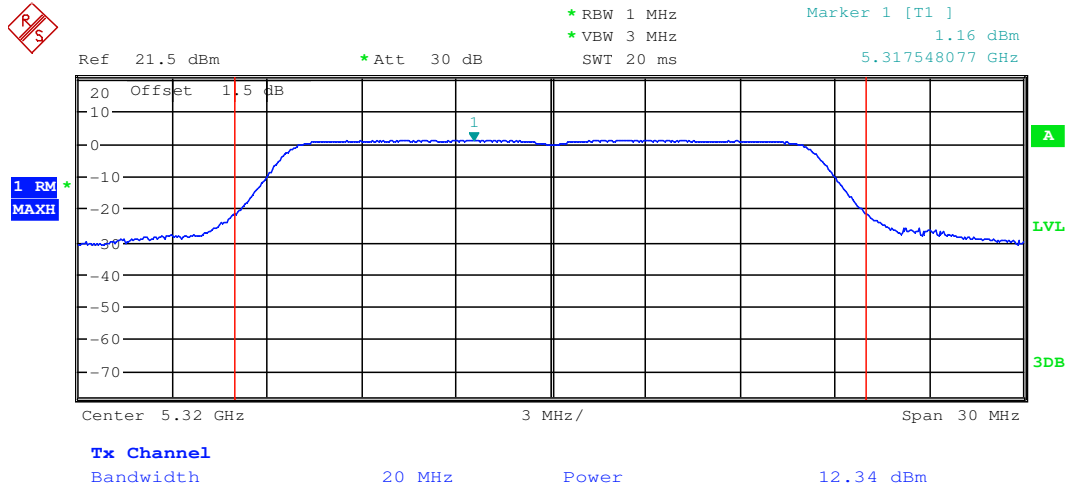
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

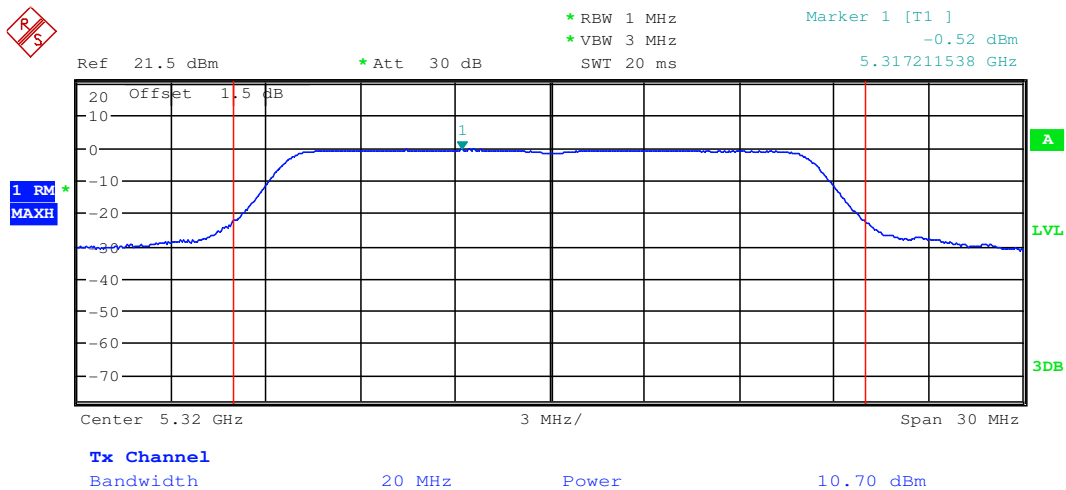
Page: 26 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5320 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



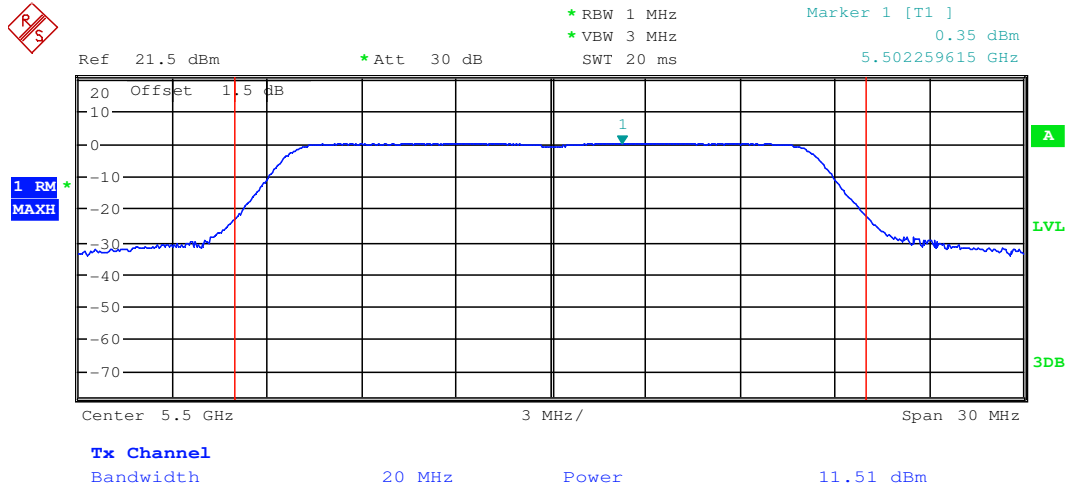
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

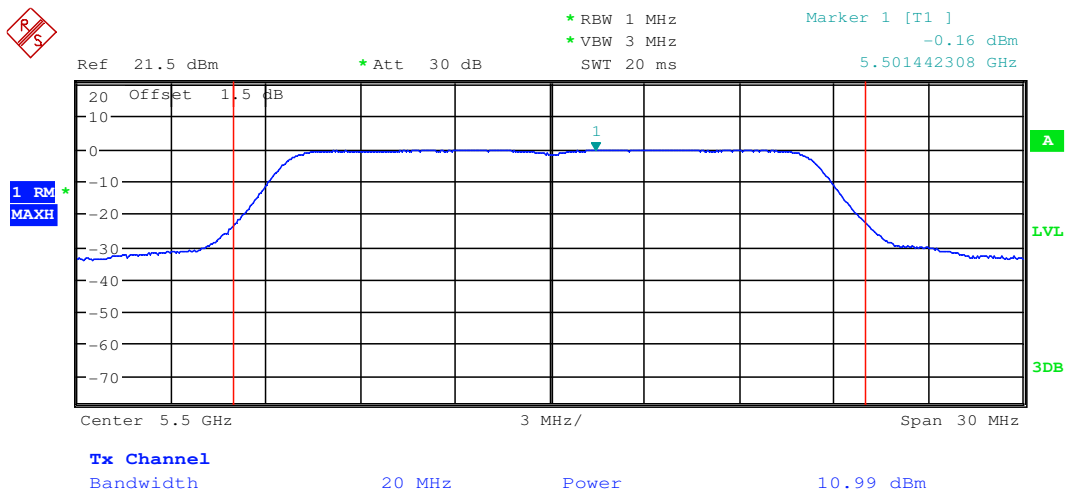
Page: 27 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5500 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



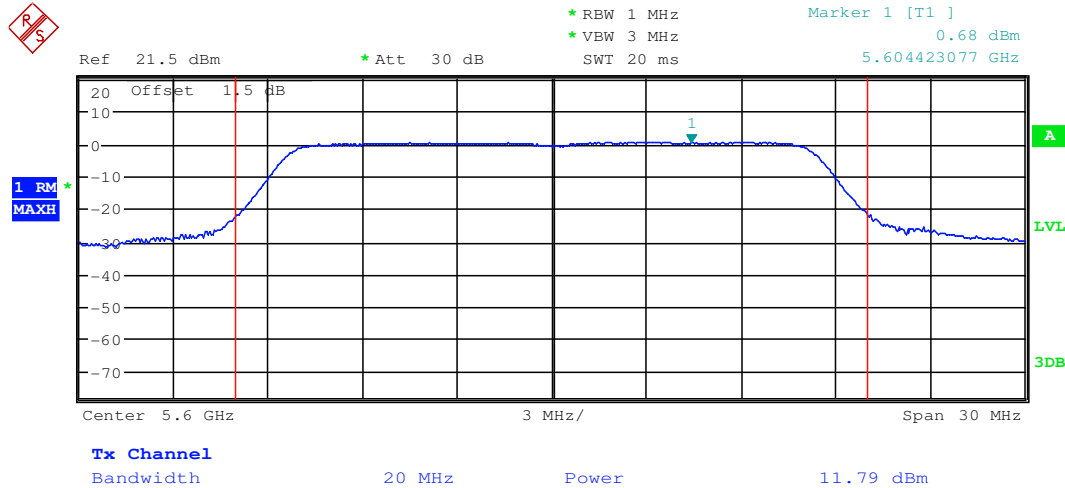
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

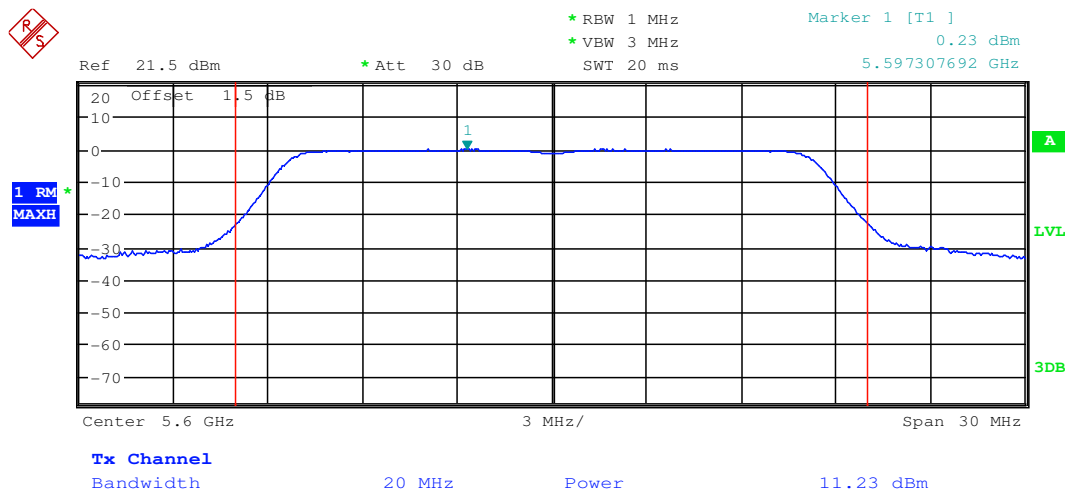
Page: 28 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5600 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



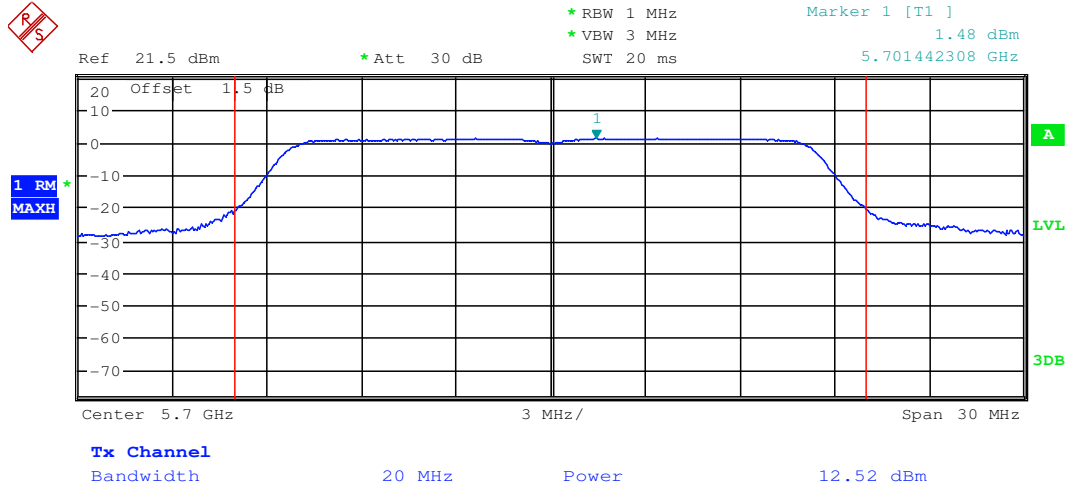
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

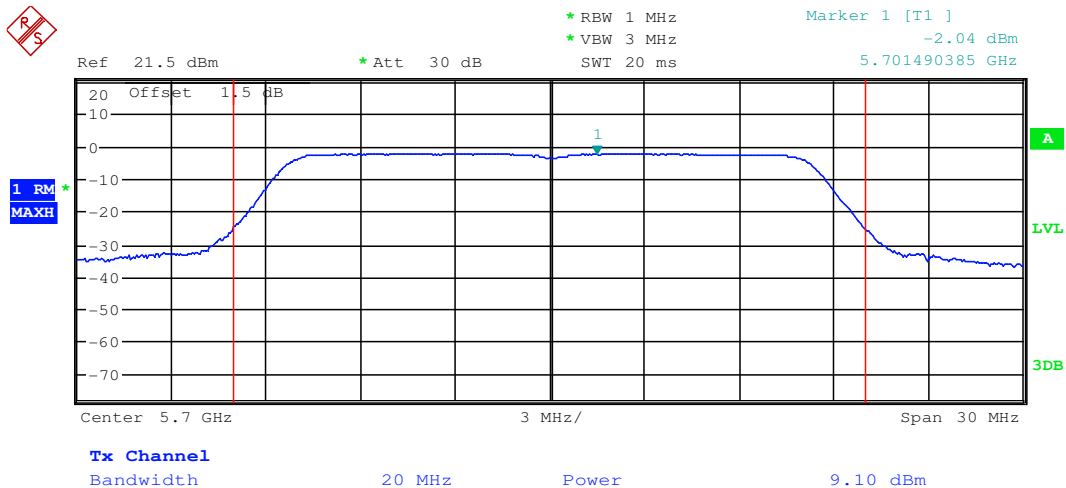
Page: 29 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5700 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



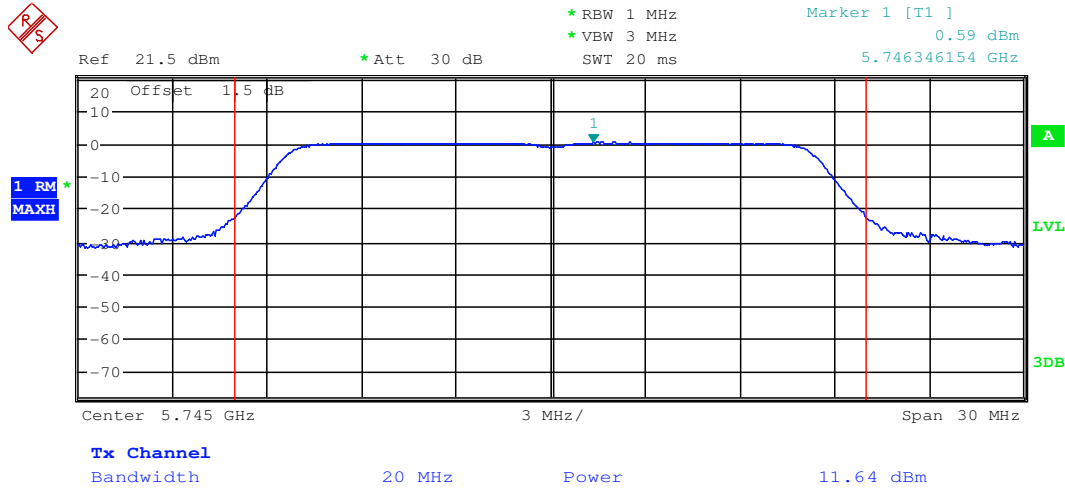
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

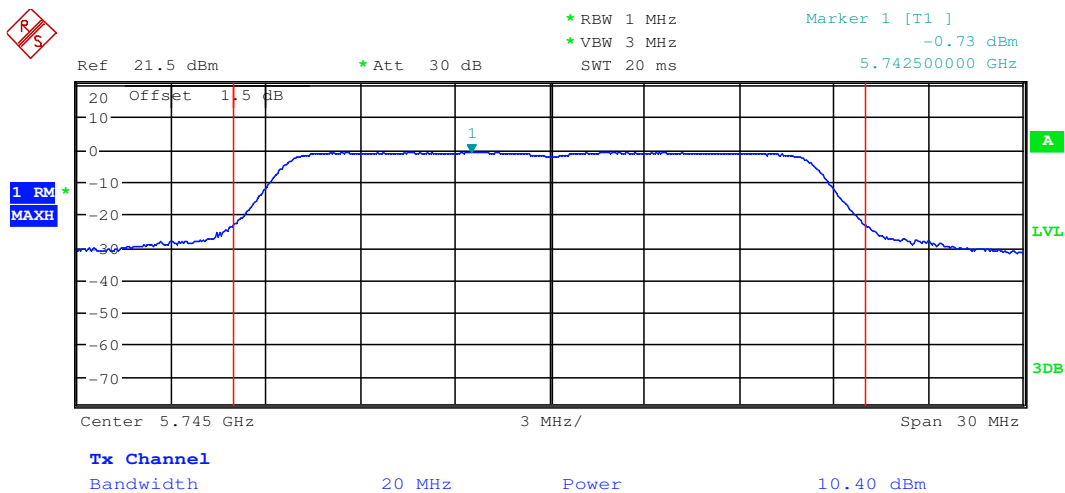
Page: 30 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5745 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



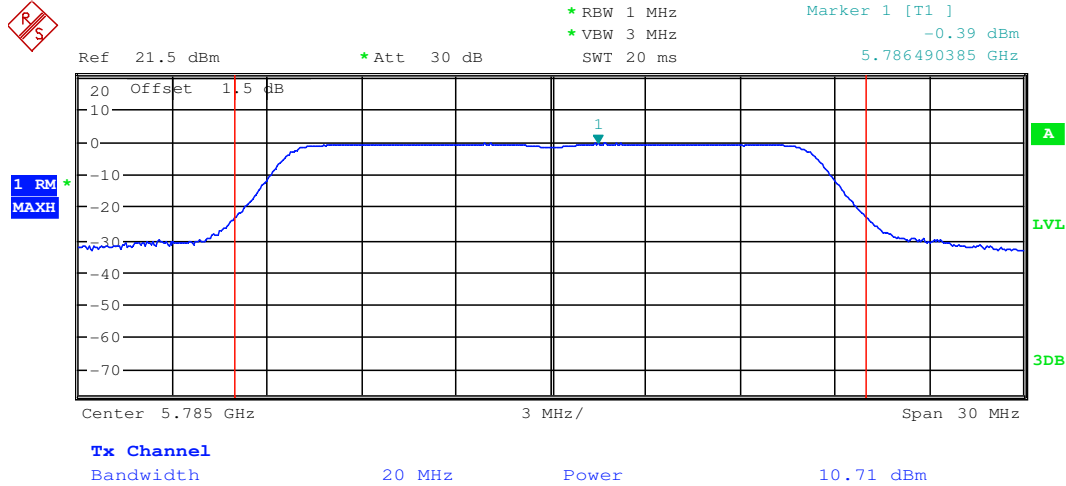
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

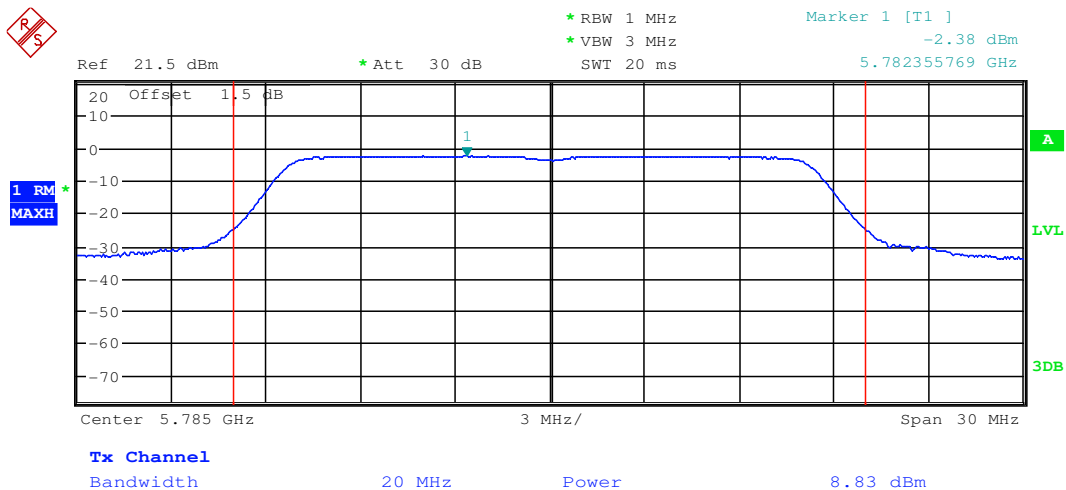
Page: 31 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5785 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



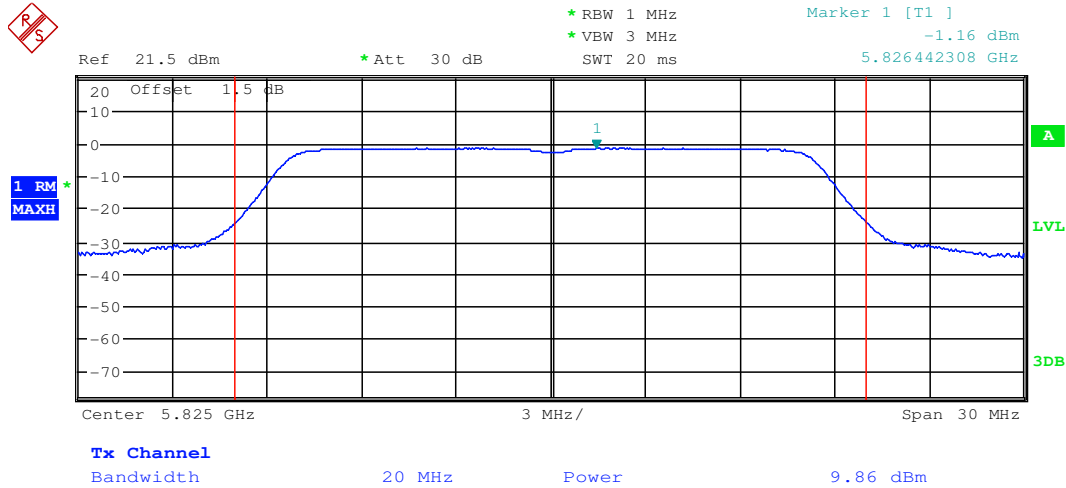
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

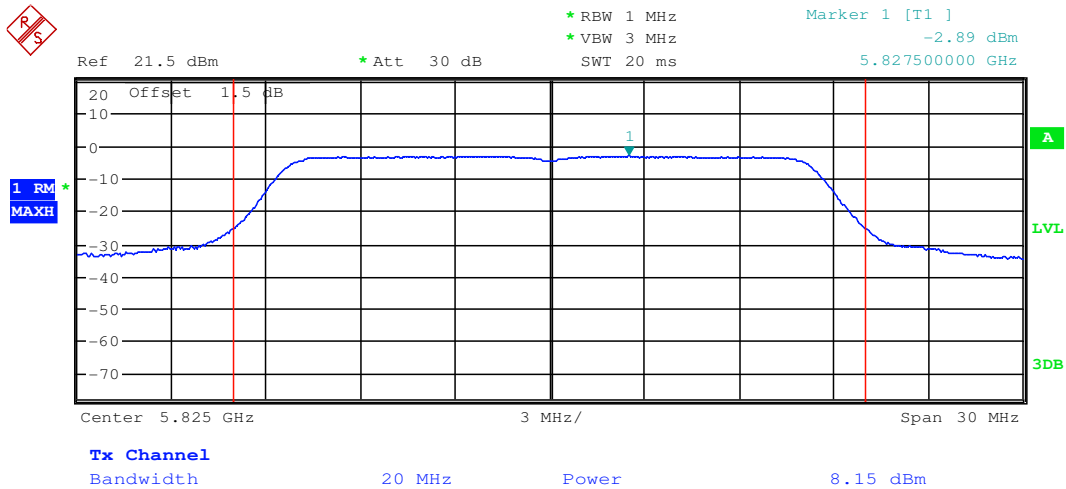
Page: 32 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5825 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



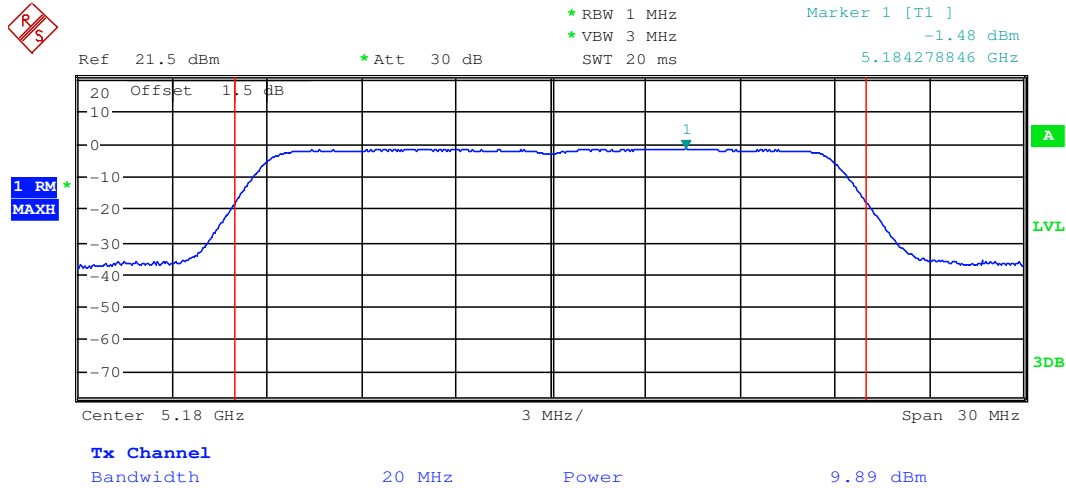
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

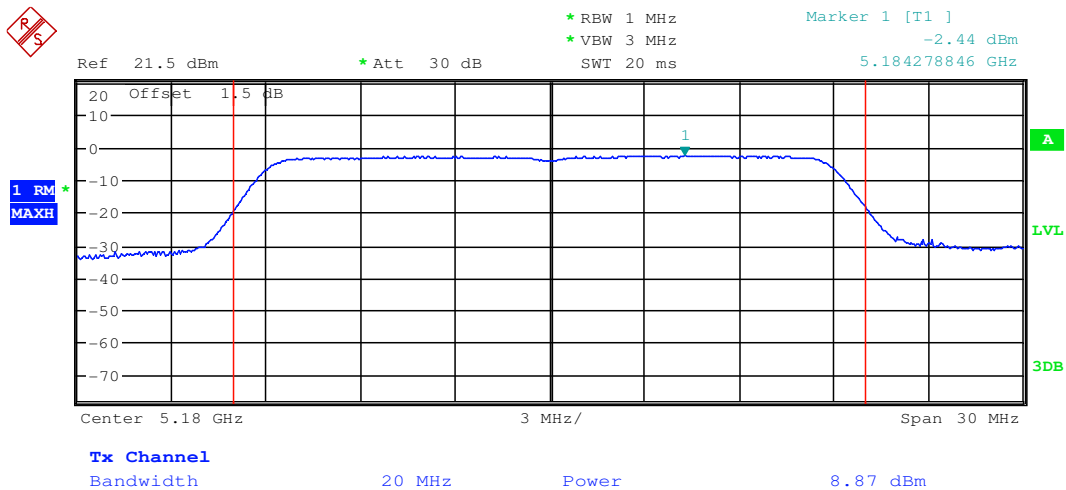
Page: 33 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



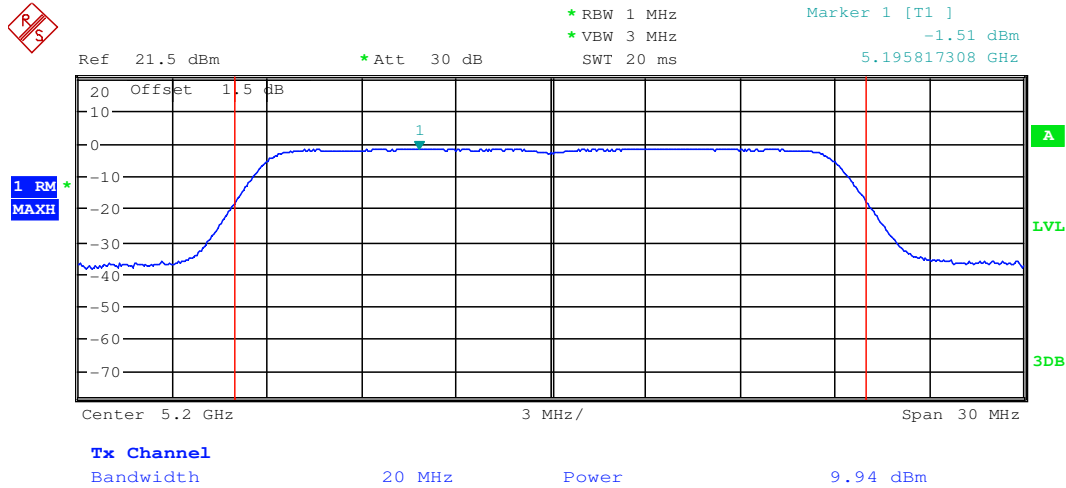
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

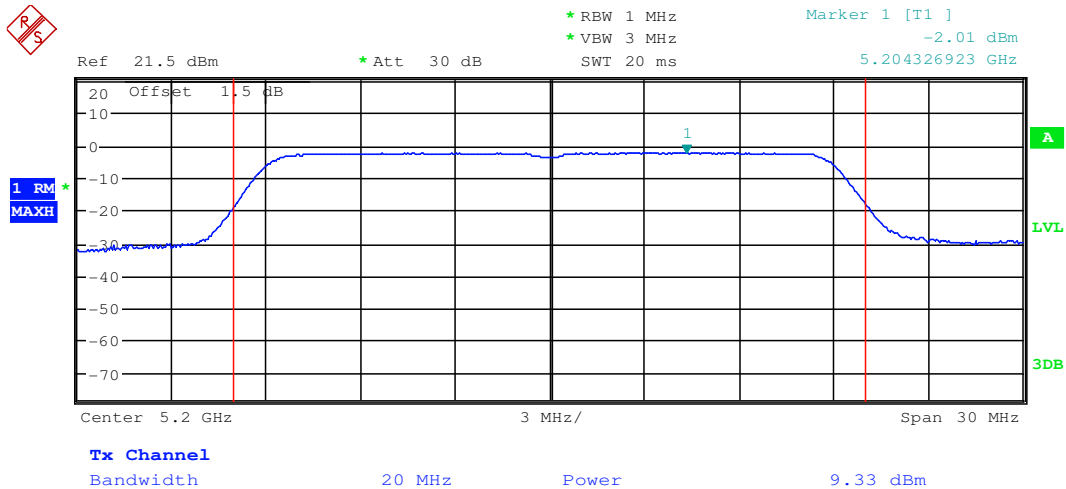
Page: 34 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5200 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



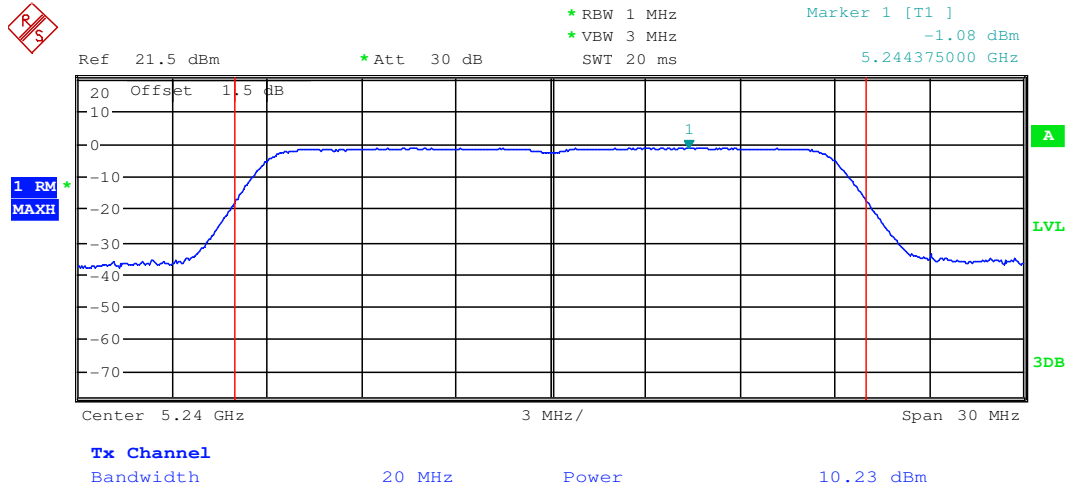
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

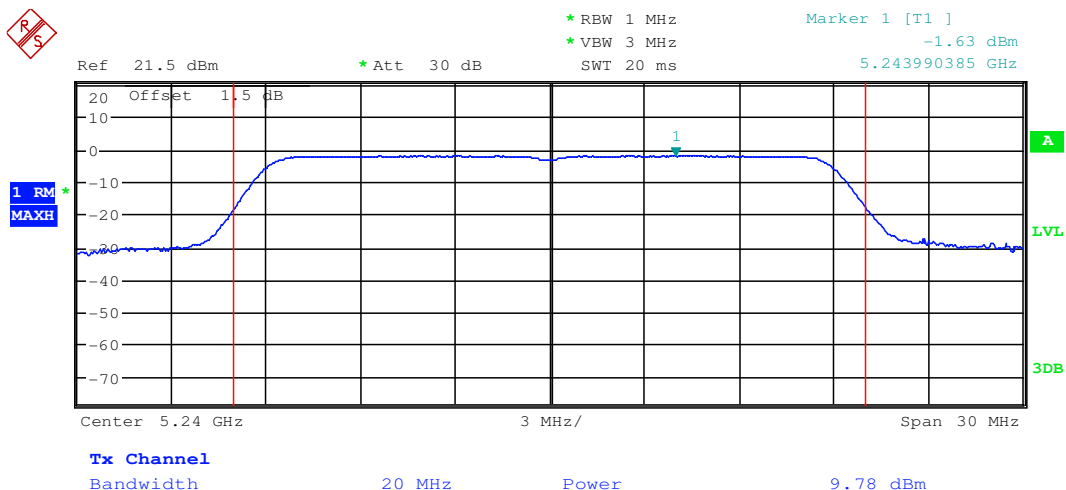
Page: 35 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



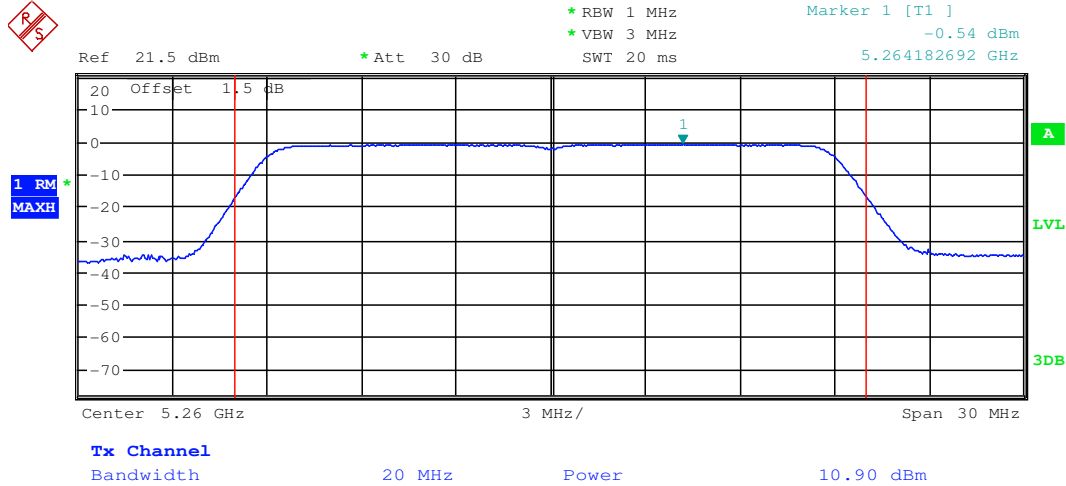
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

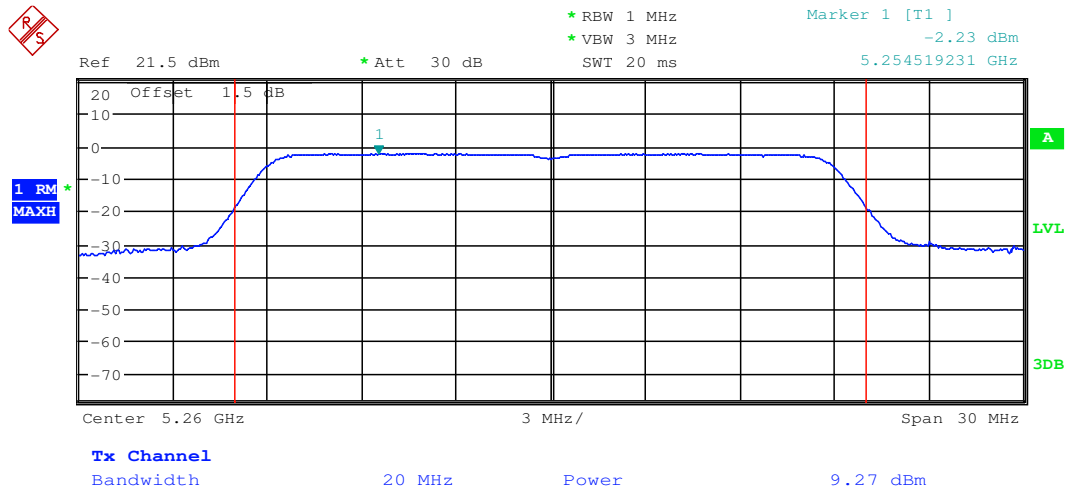
Page: 36 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5260 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



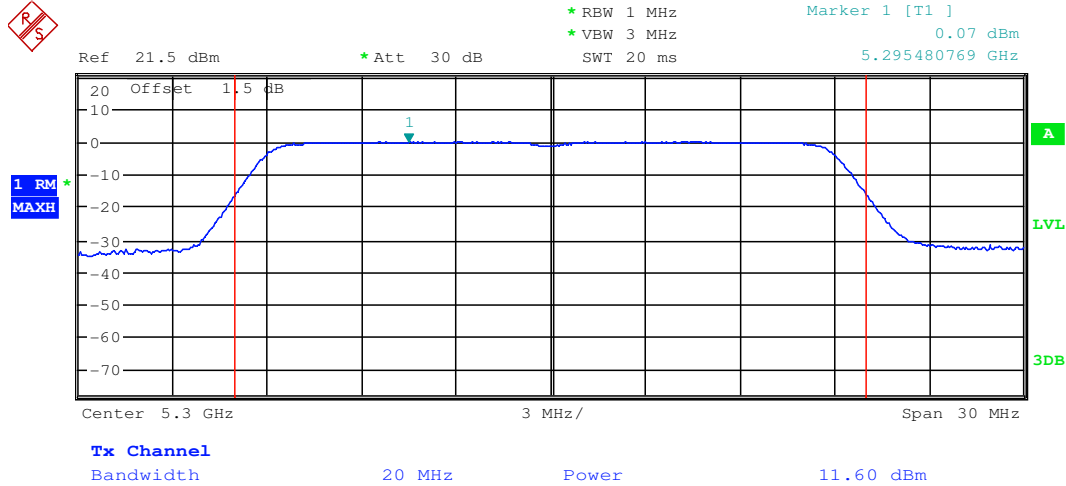
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

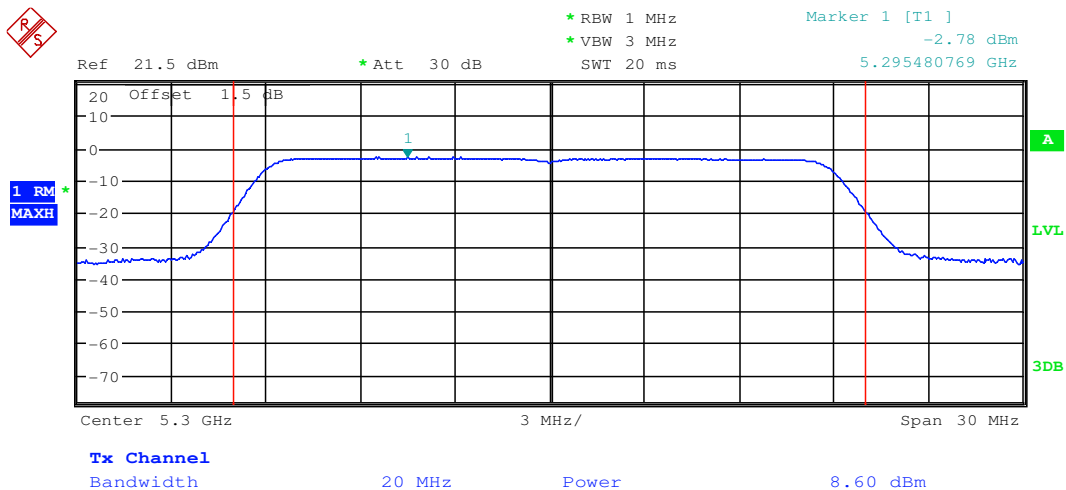
Page: 37 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5300 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

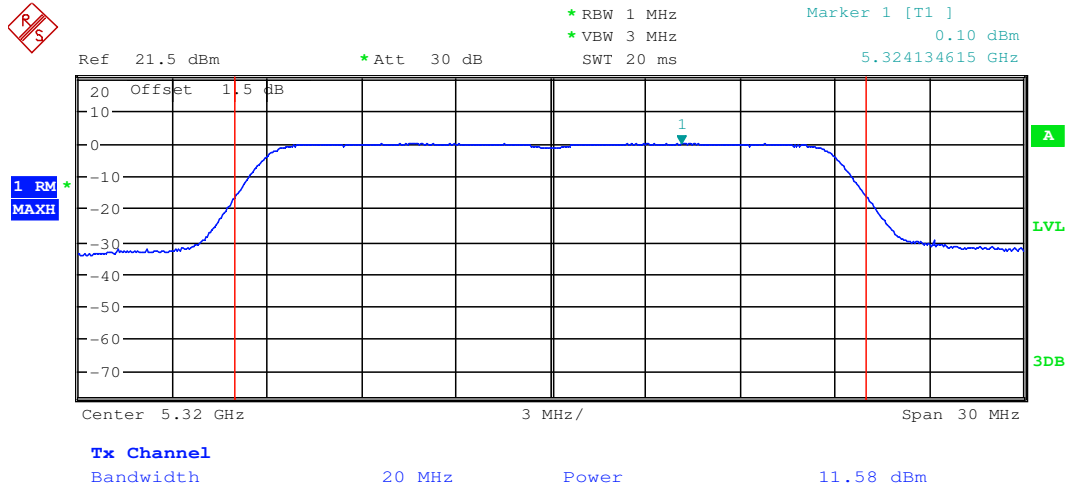


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

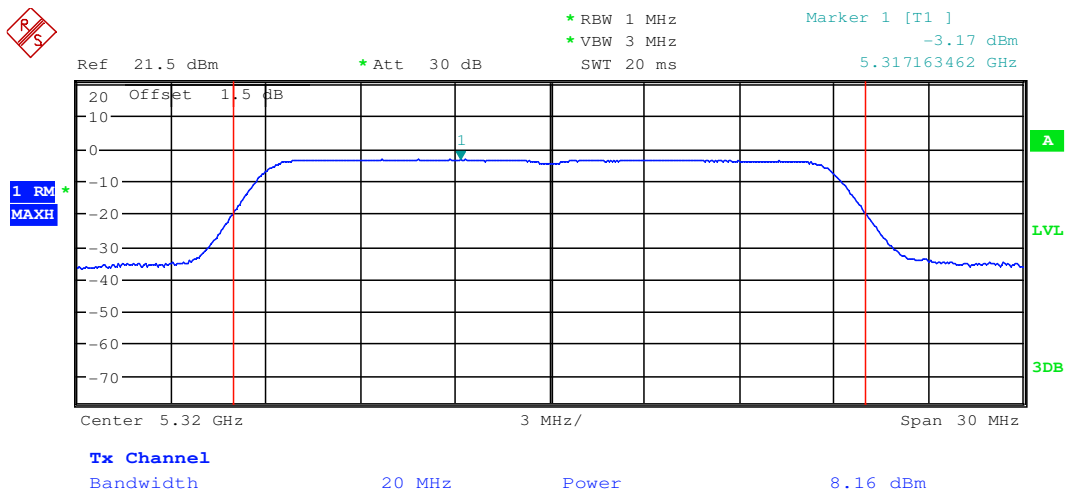
Report No.: SZEM150700437303
Page: 38 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5320 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



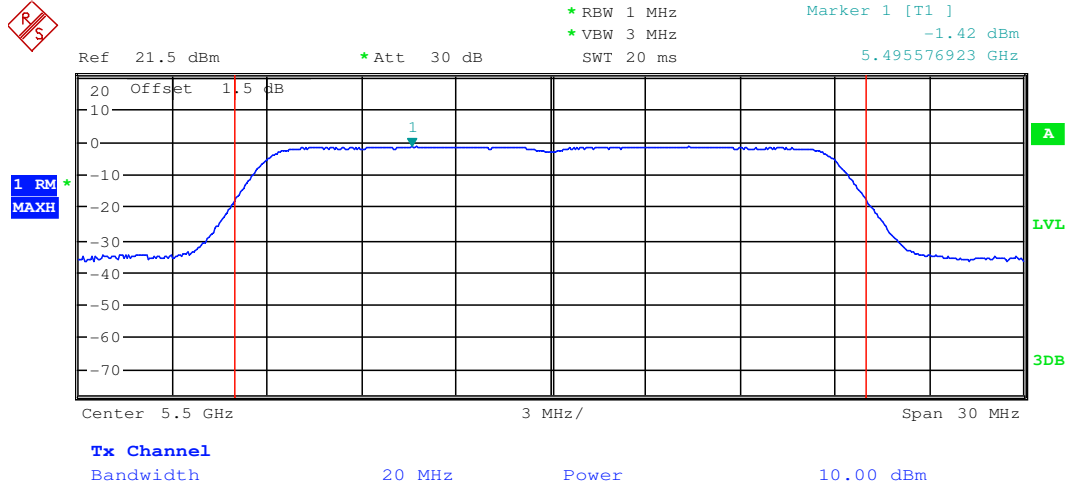
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

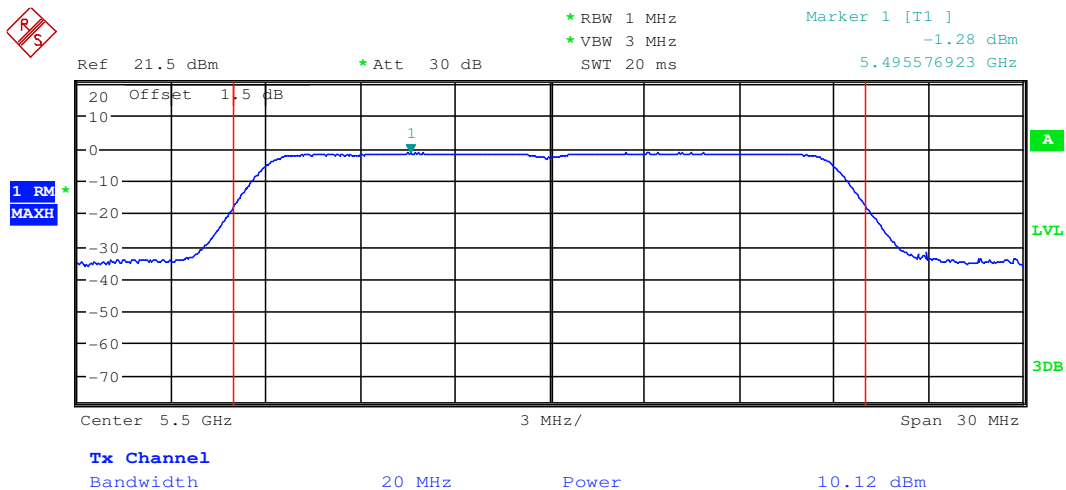
Page: 39 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5500 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



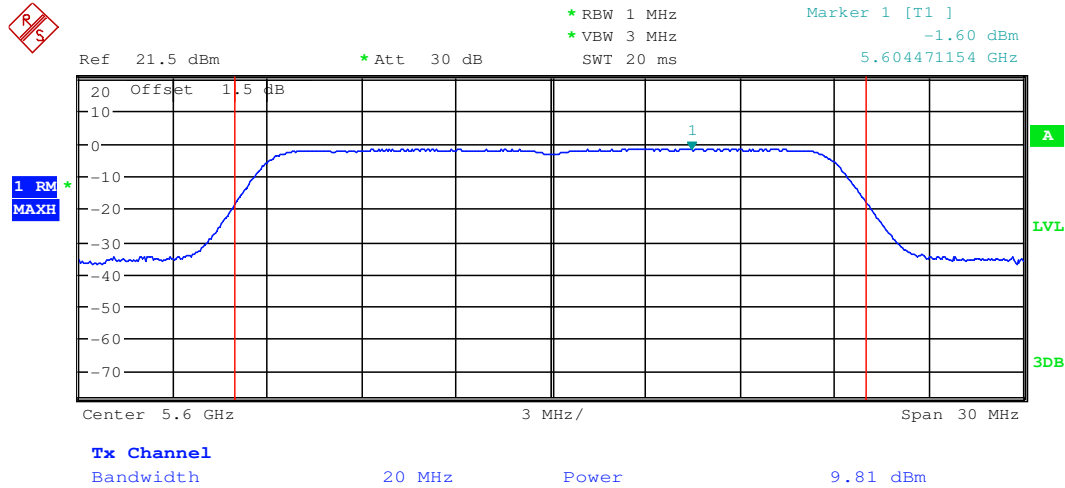
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

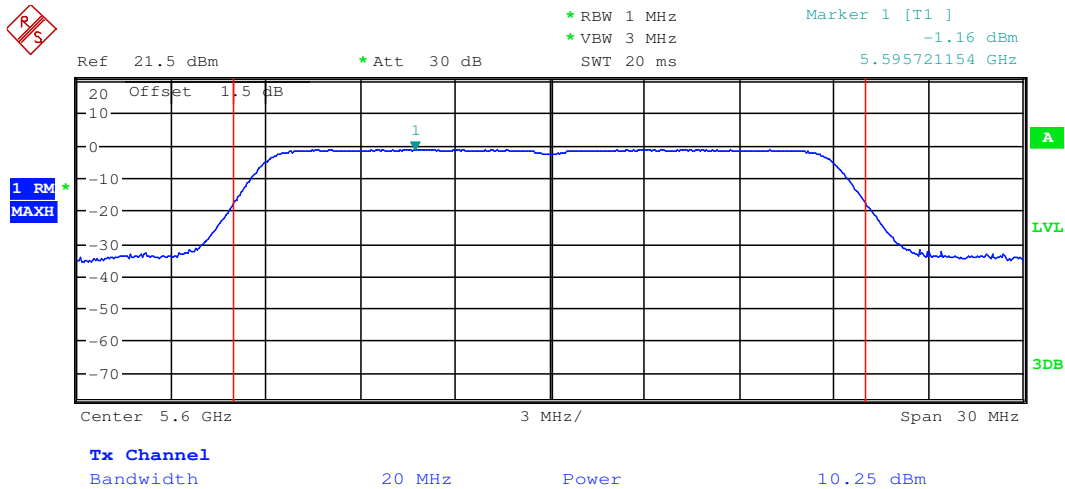
Page: 40 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5600 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



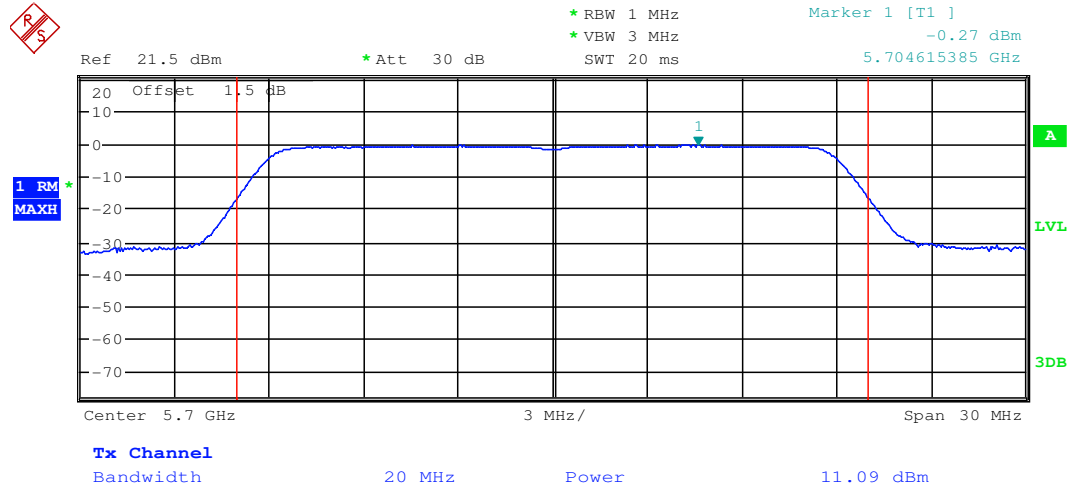
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

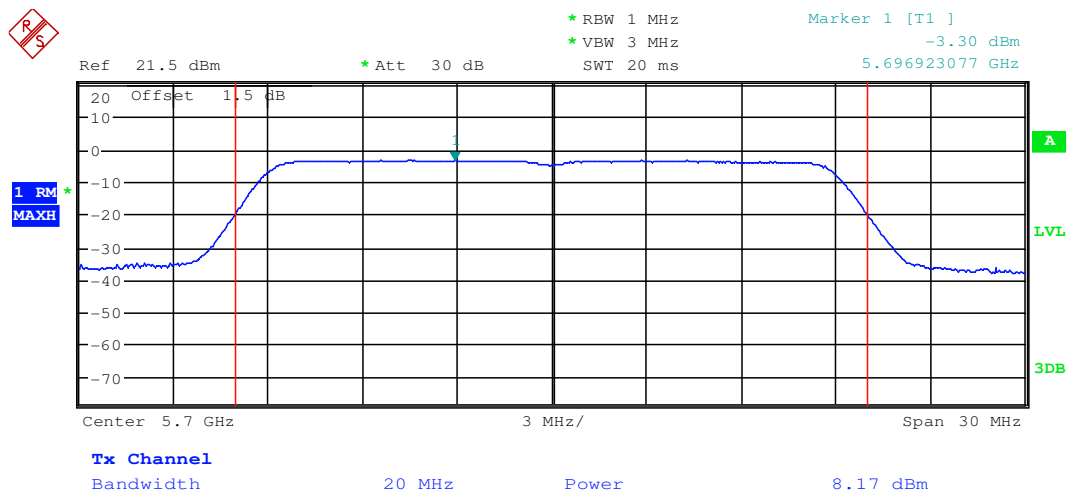
Page: 41 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5700 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



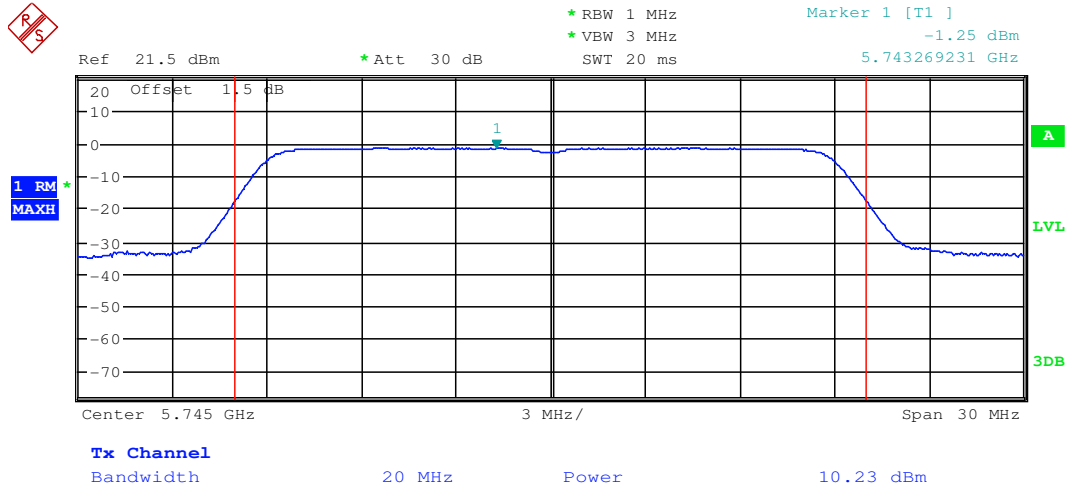
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

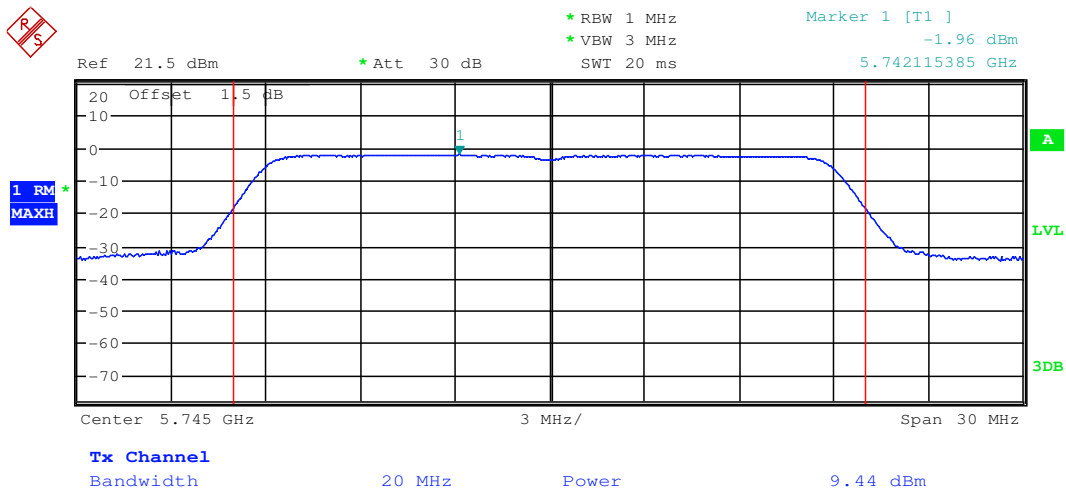
Page: 42 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5745 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



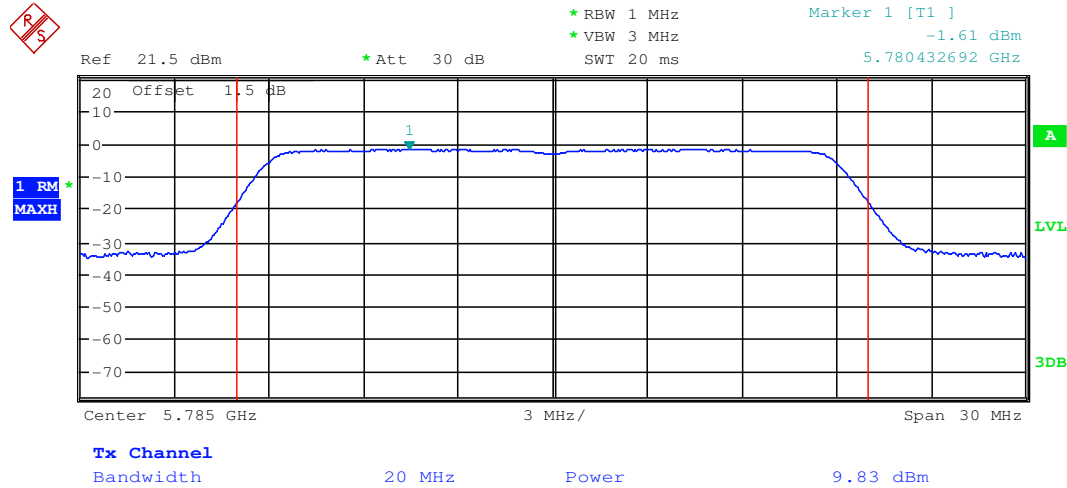
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

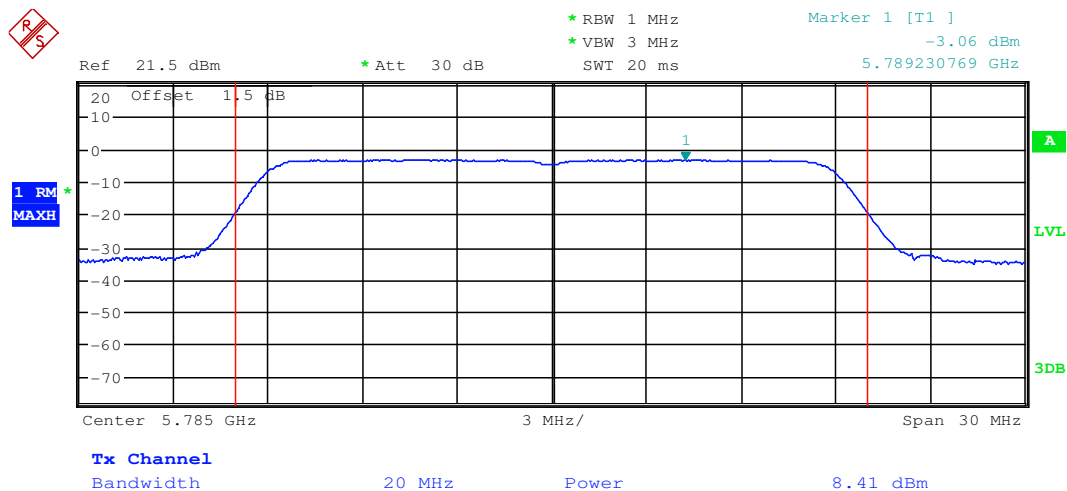
Page: 43 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5785 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1

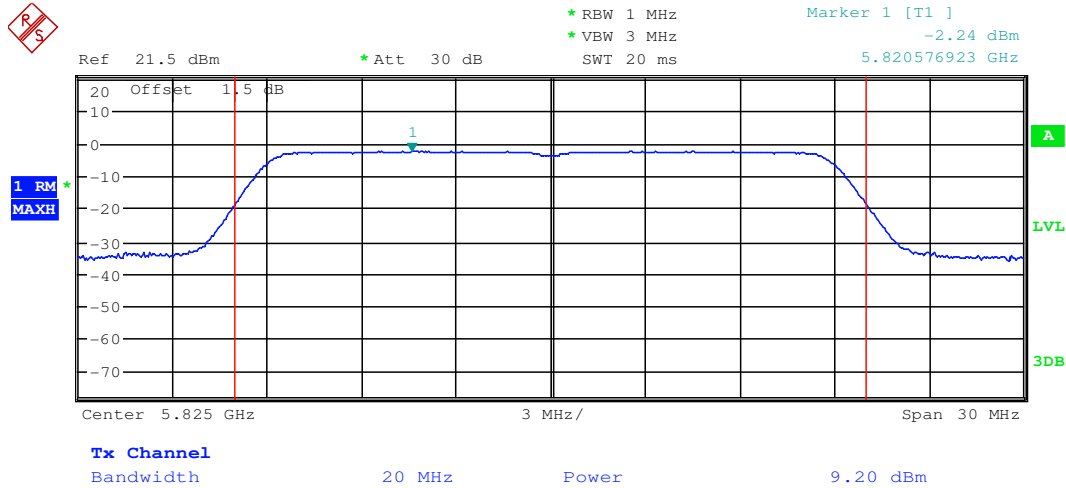


"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

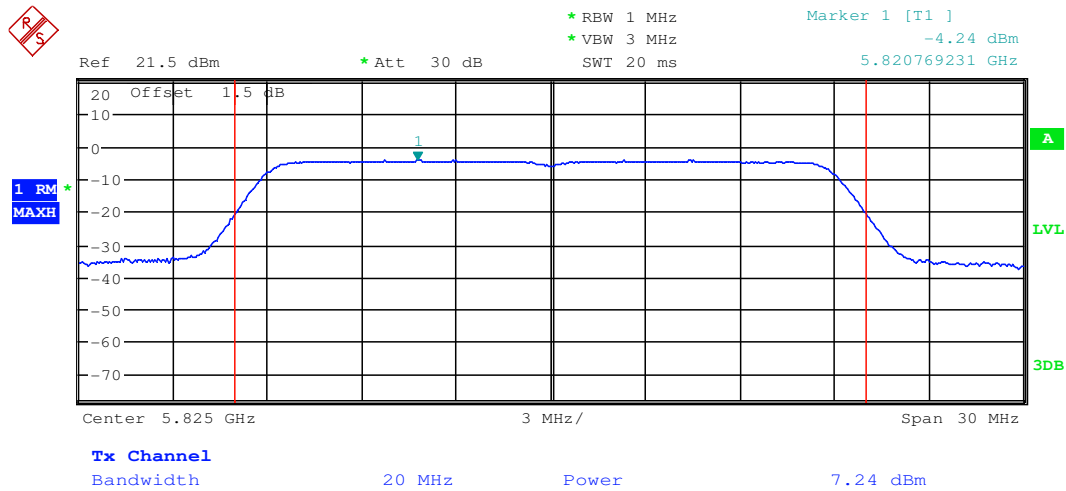


| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5825 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1





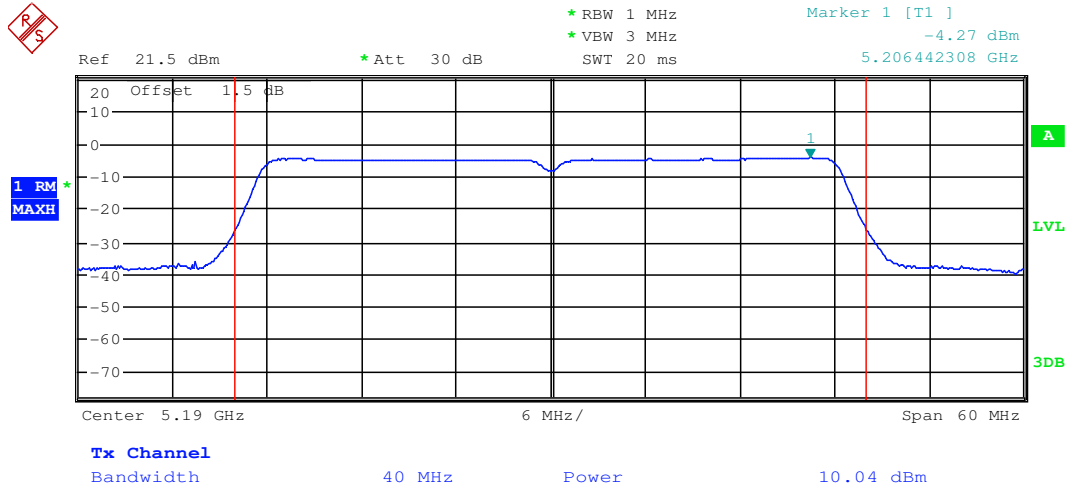
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

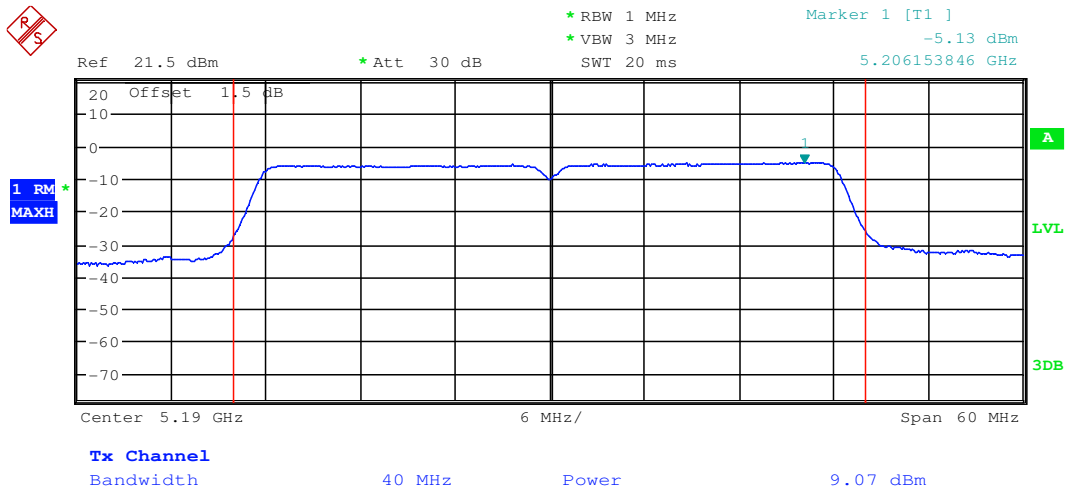
Page: 45 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

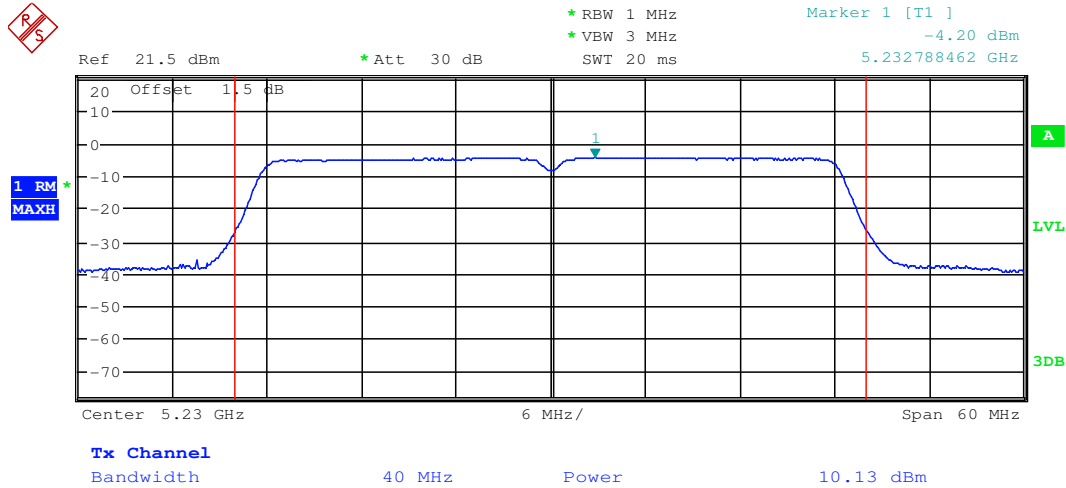


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

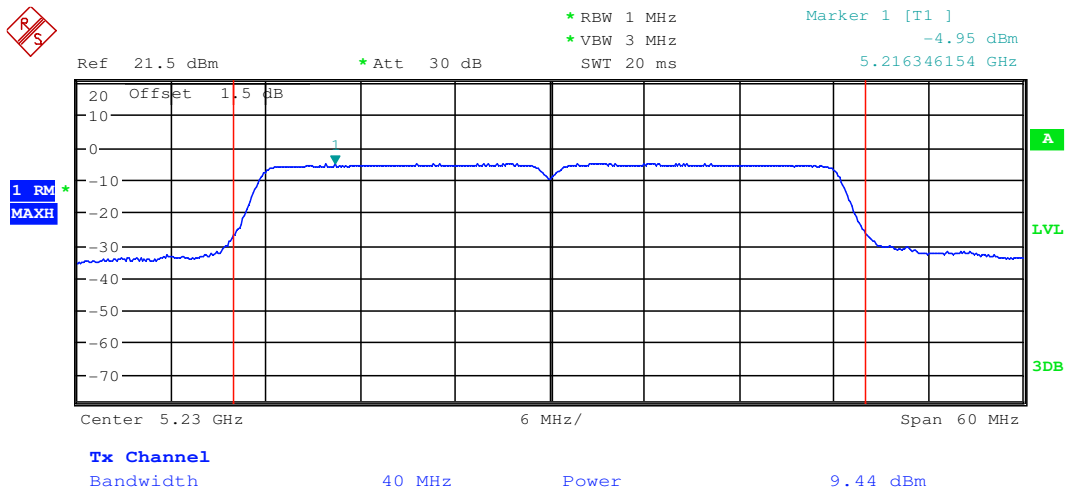
Report No.: SZEM150700437303
Page: 46 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5230 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



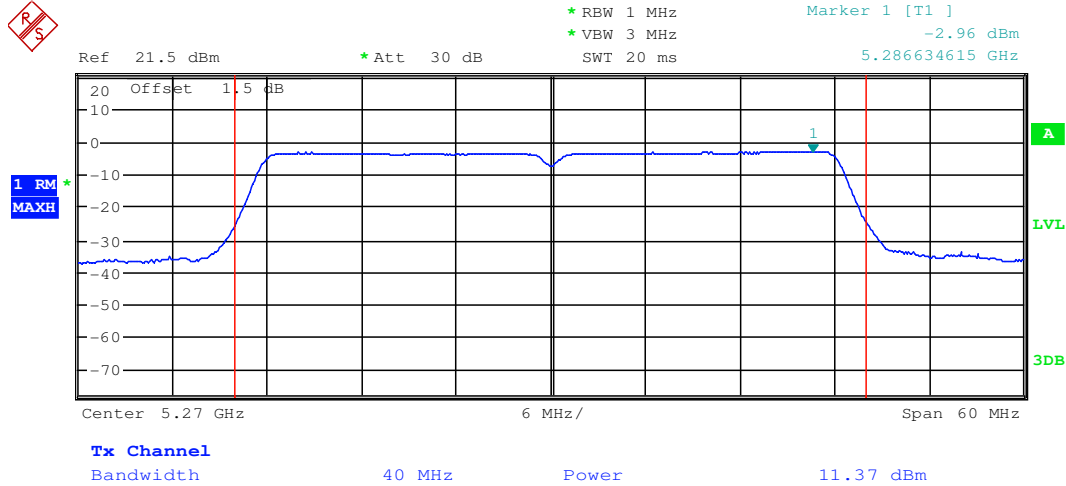
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

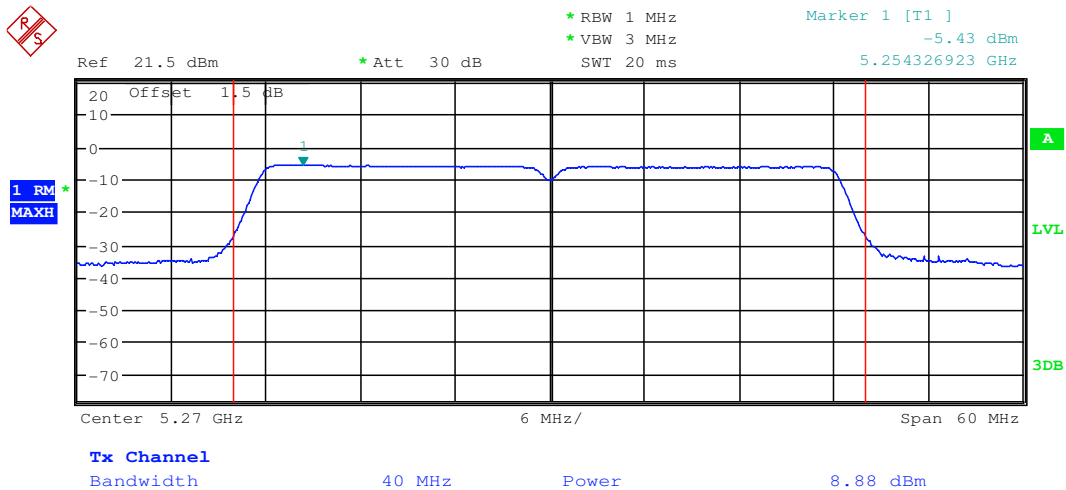
Page: 47 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5270 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



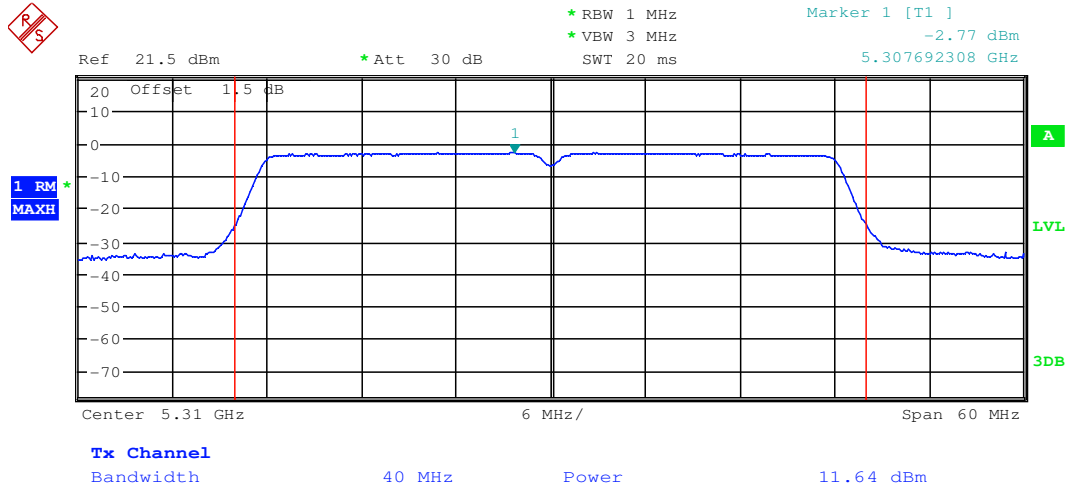
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

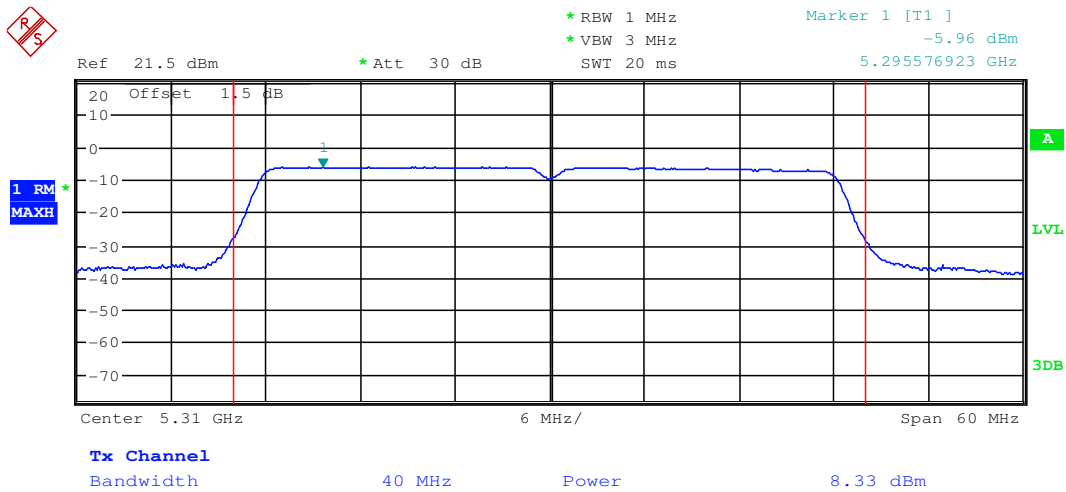
Page: 48 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5310 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



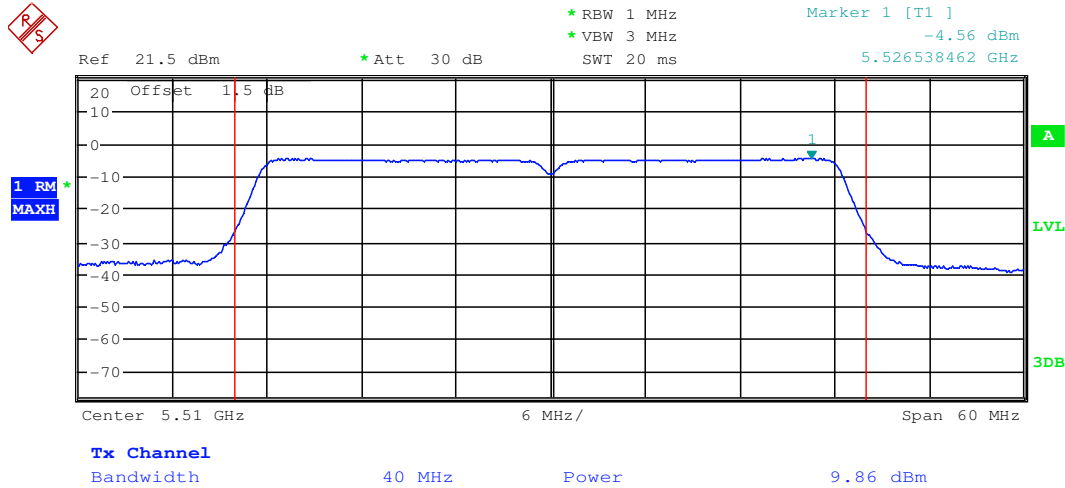
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

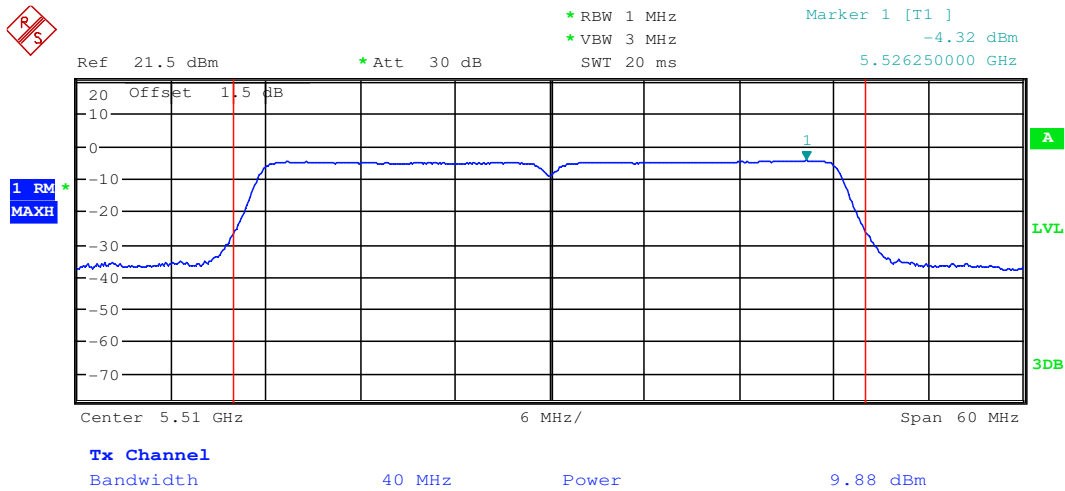
Page: 49 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5510 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



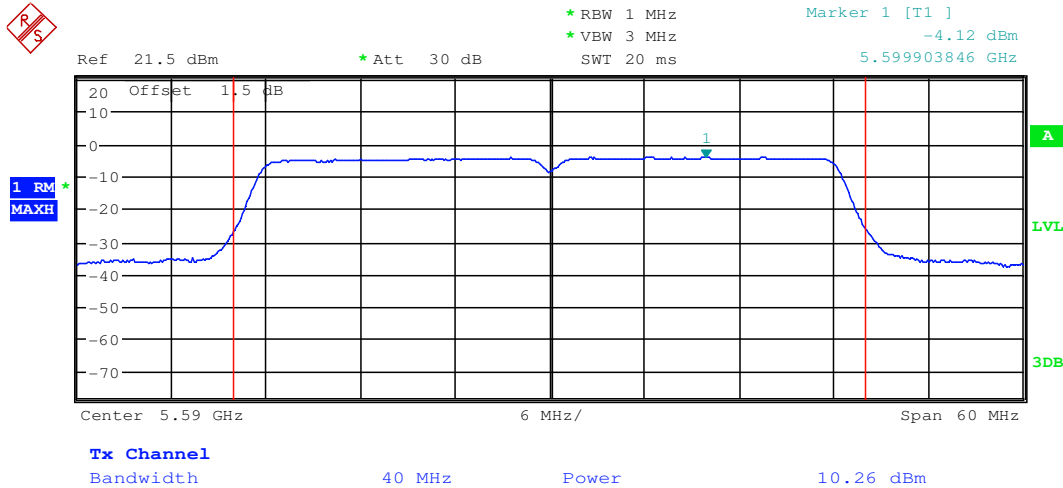
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

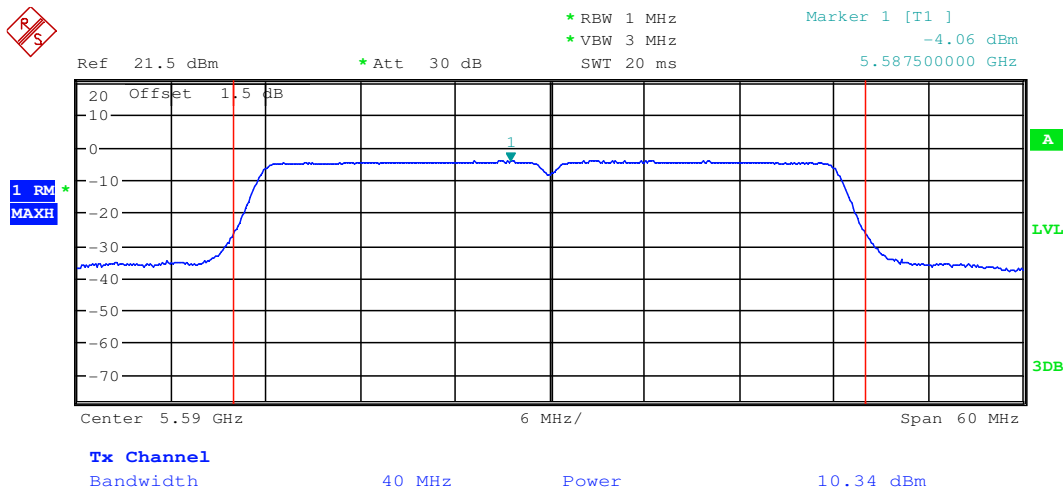
Page: 50 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5590 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



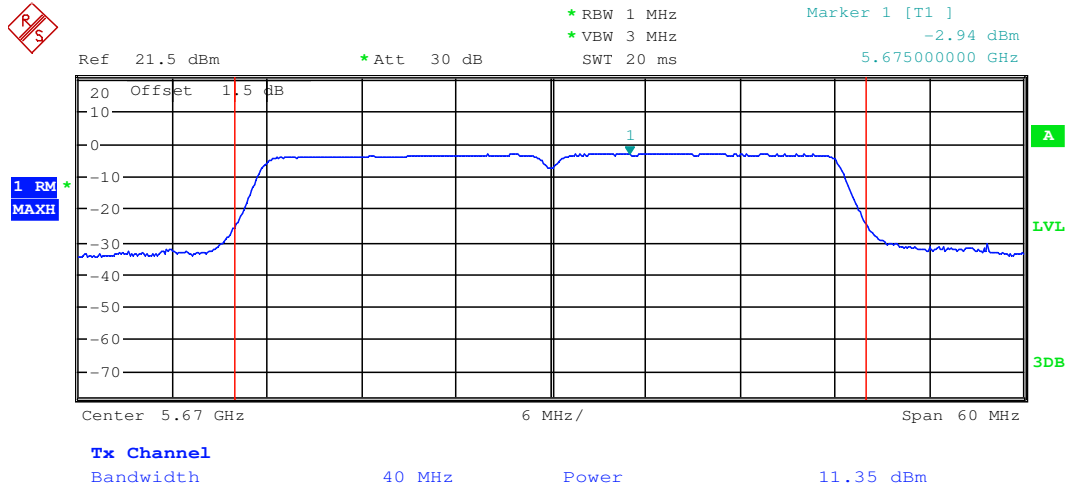
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

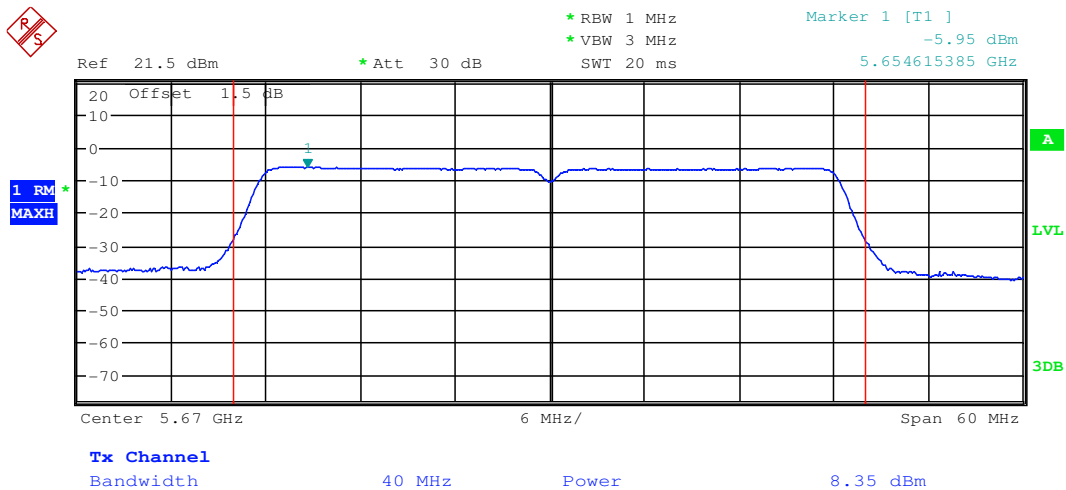
Page: 51 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5670 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



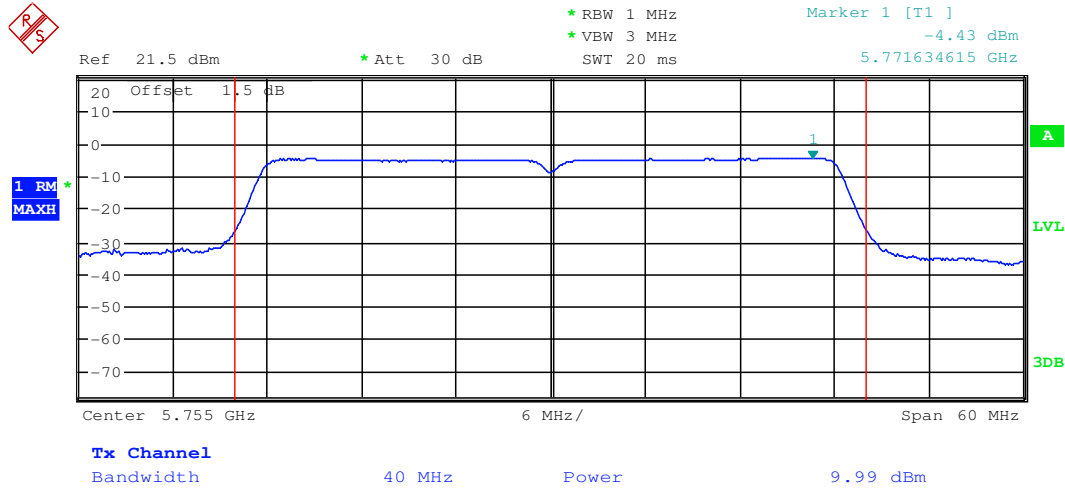
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

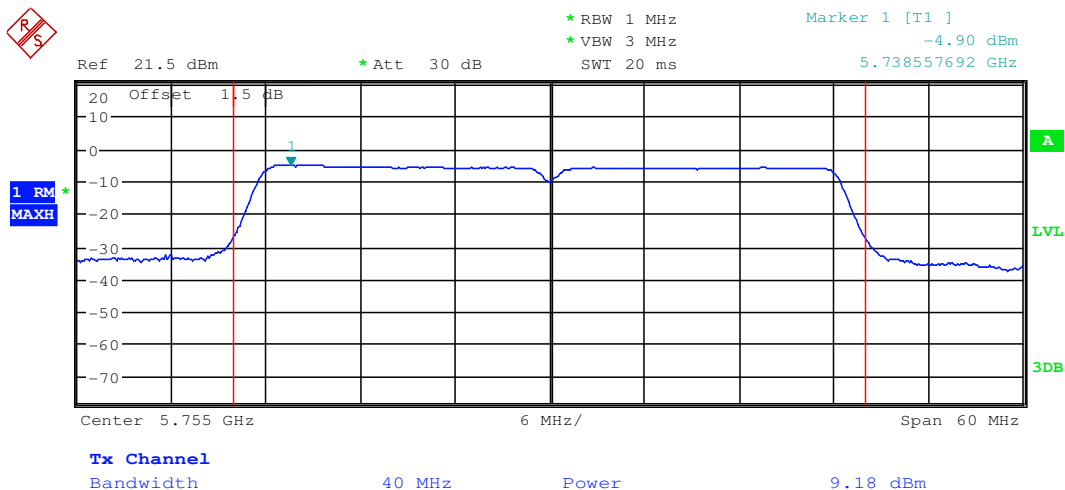
Page: 52 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5755 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



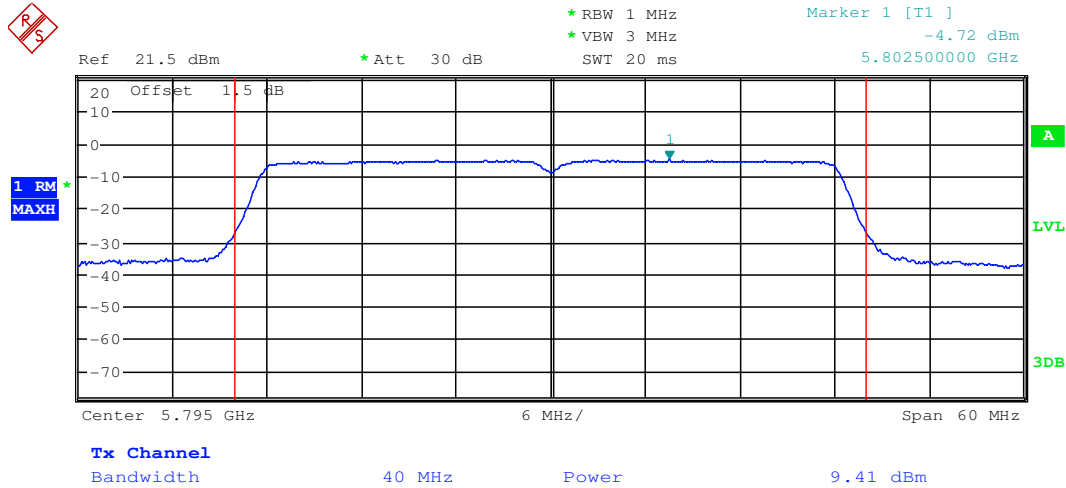
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

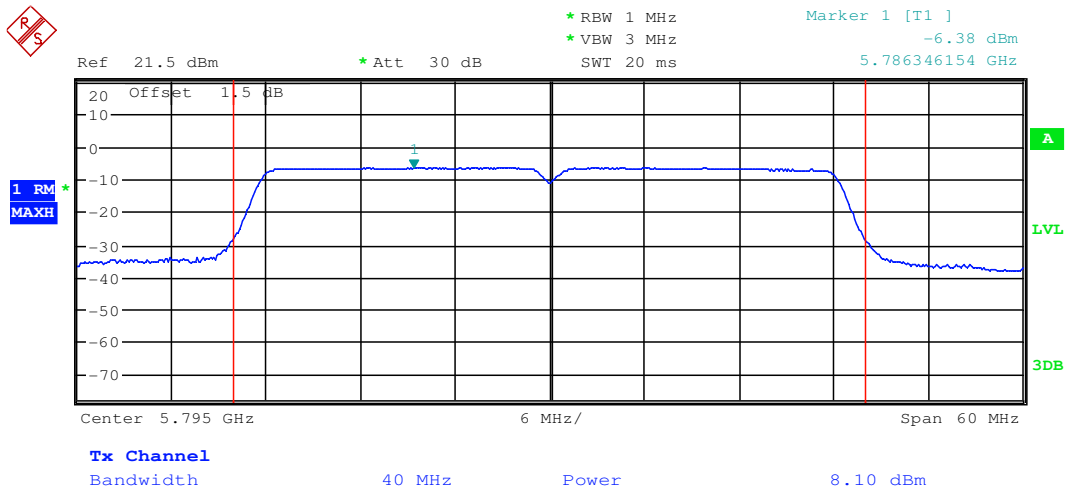
Page: 53 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5795 |
|------------|---------------|-----------------|------|

Antenna 0

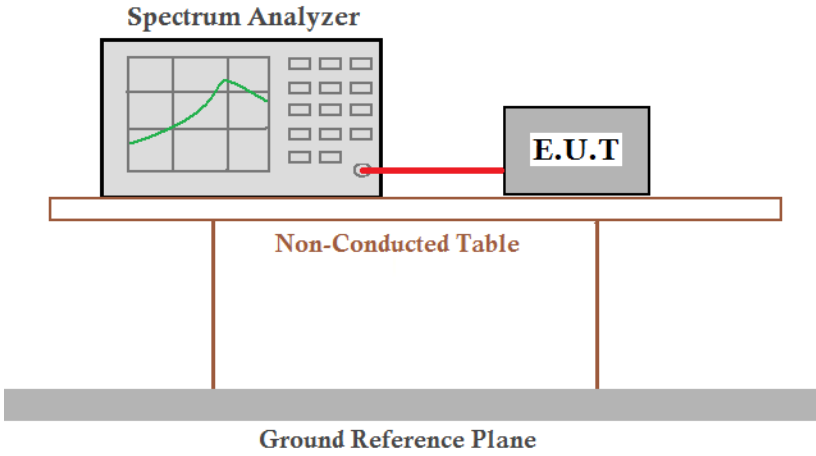


Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

6.4 26dB Emission Bandwidth and 99% Occupied Bandwidth

| | |
|------------------------|---|
| Test Requirement: | 47 CFR Part 15 Section 15.407(a) |
| Test Method: | ANSI C63.10: 2013 |
| Test Setup: |  <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table, which sits on a Ground Reference Plane.</p> |
| Instruments Used: | Refer to section 5.10 for details. |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. |
| Final Test Mode: | Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40). Only the worst case is recorded in the report. Pre-scan was performed at Antenna 0 and Antenna 1, no worst case was found. Only the test data of Antenna 0 was shown in this report. |
| Limit: | No restriction limits. |
| Test Results: | Pass |



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

Report No.: SZEM150700437303
Page: 55 of 193

Measurement Data:

| 802.11a mode | | |
|-----------------|-------------------------------|------------------------------|
| Frequency (MHz) | 26dB Emission Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
| 5180 | 19.952 | 16.490 |
| 5200 | 19.952 | 16.490 |
| 5240 | 19.904 | 16.490 |
| 5260 | 19.952 | 16.490 |
| 5300 | 22.692 | 16.538 |
| 5320 | 22.596 | 16.538 |
| 5500 | 20.336 | 16.538 |
| 5600 | 22.933 | 16.538 |
| 5700 | 24.663 | 16.538 |
| 5745 | 20.433 | 16.538 |
| 5785 | 20.337 | 16.538 |
| 5825 | 20.385 | 16.538 |

| 802.11n(HT20) mode | | |
|--------------------|-------------------------------|------------------------------|
| Frequency (MHz) | 26dB Emission Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
| 5180 | 20.288 | 17.740 |
| 5200 | 20.240 | 17.740 |
| 5240 | 20.240 | 17.740 |
| 5260 | 20.192 | 17.740 |
| 5300 | 20.288 | 17.740 |
| 5320 | 20.385 | 17.740 |
| 5500 | 20.240 | 17.740 |
| 5600 | 20.192 | 17.740 |
| 5700 | 20.240 | 17.740 |
| 5745 | 20.240 | 17.740 |
| 5785 | 20.337 | 17.740 |
| 5825 | 20.385 | 17.740 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 56 of 193

| 802.11n(HT40) mode | | |
|--------------------|-------------------------------|------------------------------|
| Frequency (MHz) | 26dB Emission Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
| 5190 | 40.385 | 36.346 |
| 5230 | 40.288 | 36.346 |
| 5270 | 40.192 | 36.346 |
| 5310 | 40.577 | 36.346 |
| 5510 | 40.481 | 36.346 |
| 5590 | 40.481 | 36.346 |
| 5670 | 40.769 | 36.346 |
| 5755 | 40.288 | 36.346 |
| 5795 | 40.577 | 36.346 |

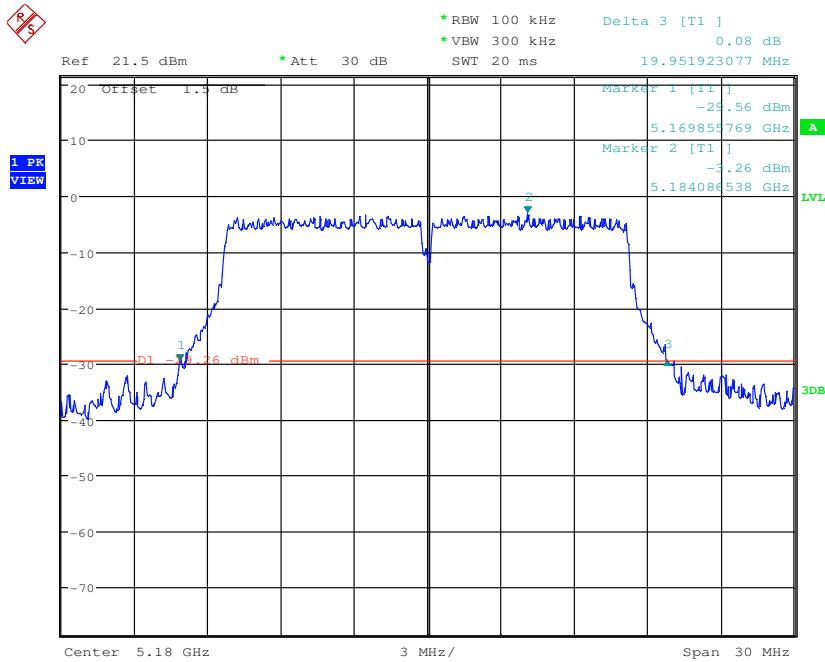
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



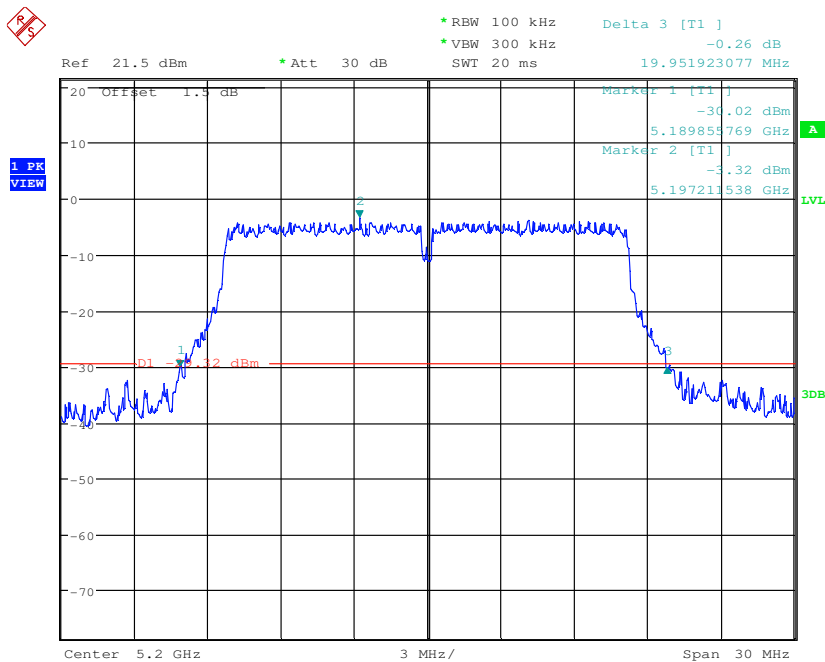
26dB Emission Bandwidth

Test plot as follows:

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5180 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5200 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

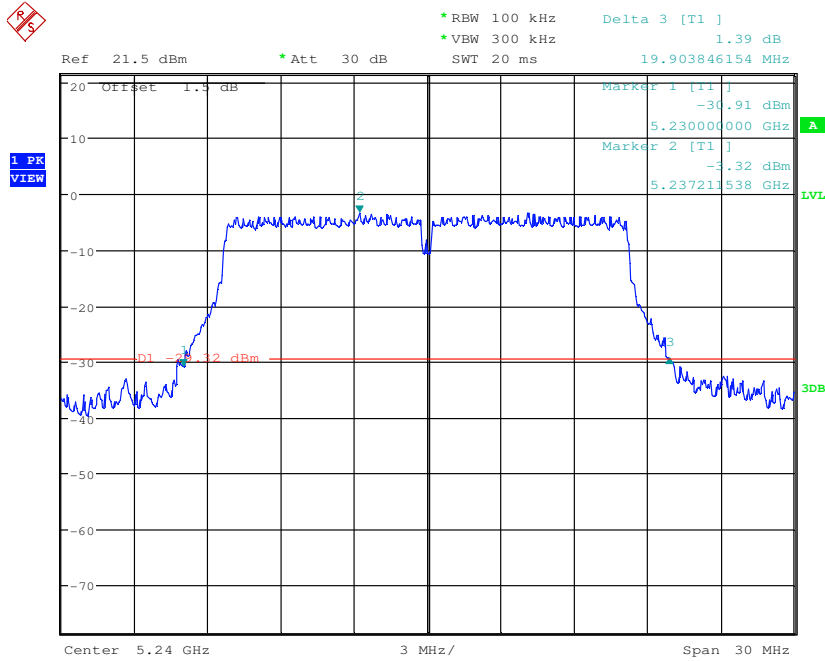


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

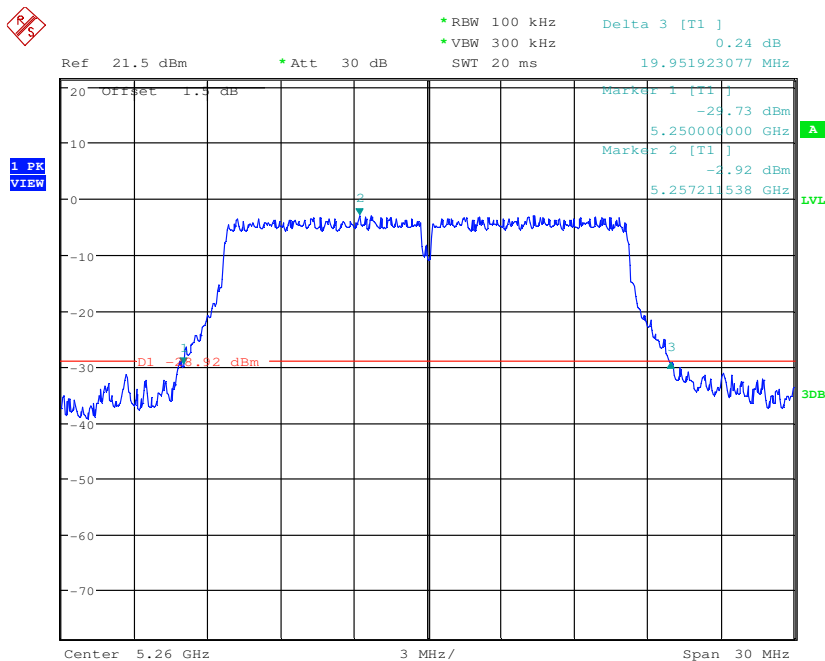
Report No.: SZEM150700437303

Page: 58 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5240 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5260 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

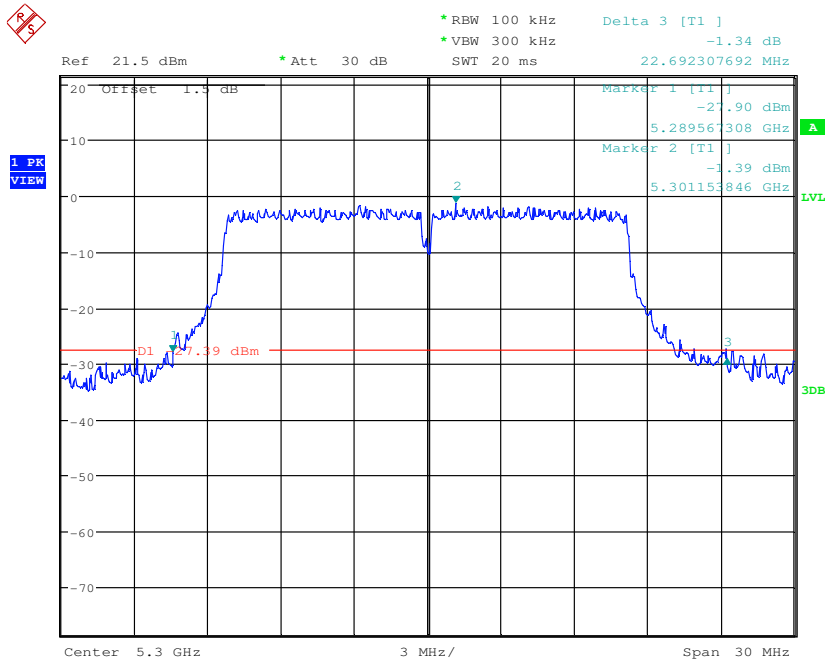


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

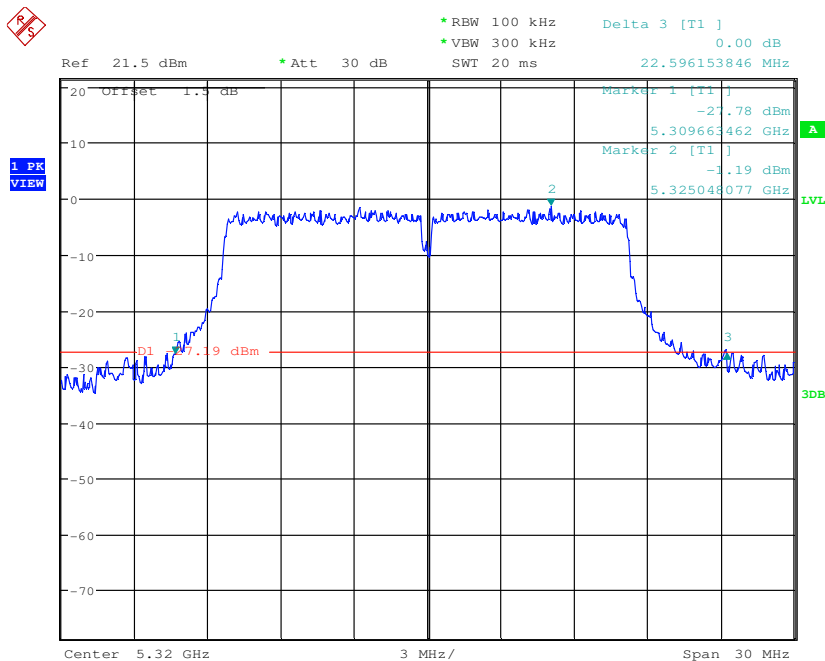
Report No.: SZEM150700437303

Page: 59 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5300 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5320 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

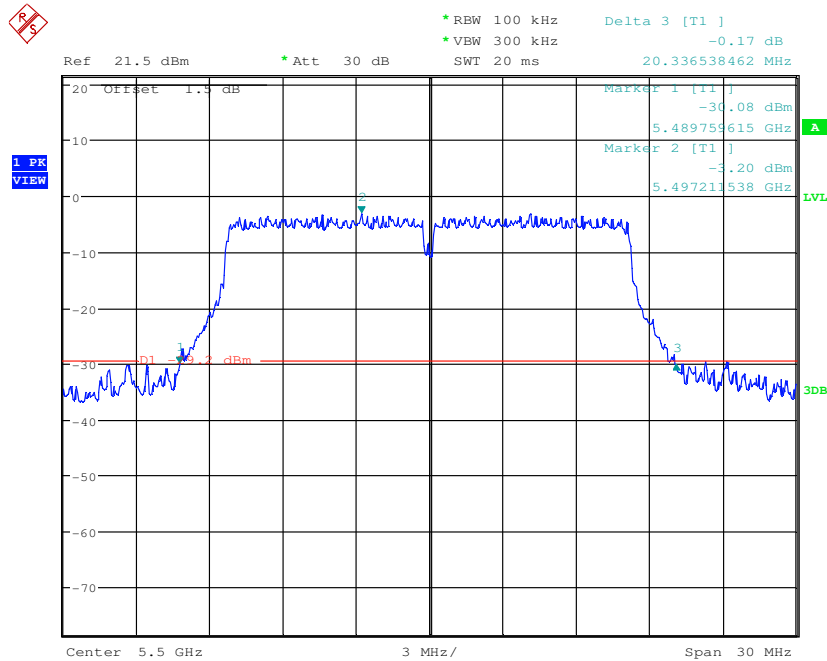


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

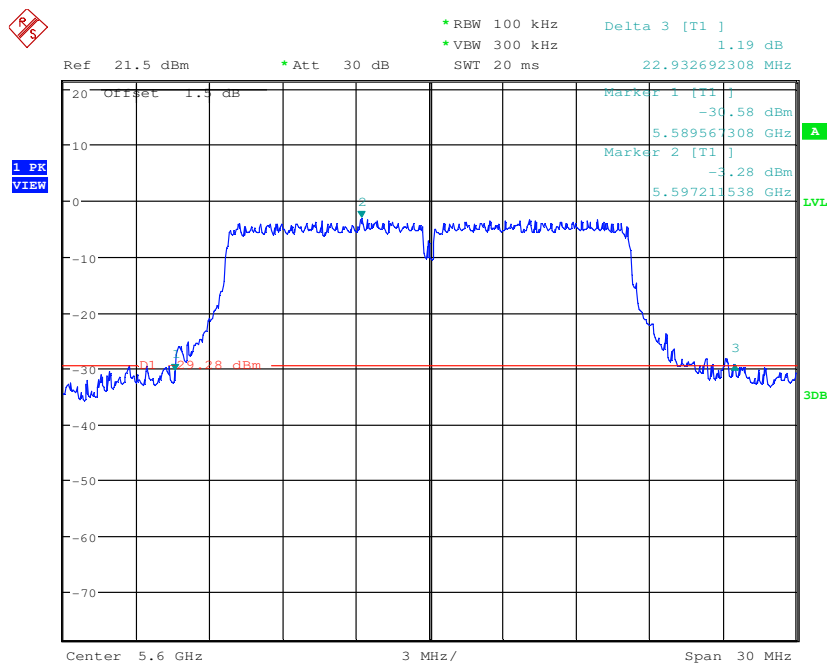
Report No.: SZEM150700437303

Page: 60 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5500 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5600 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

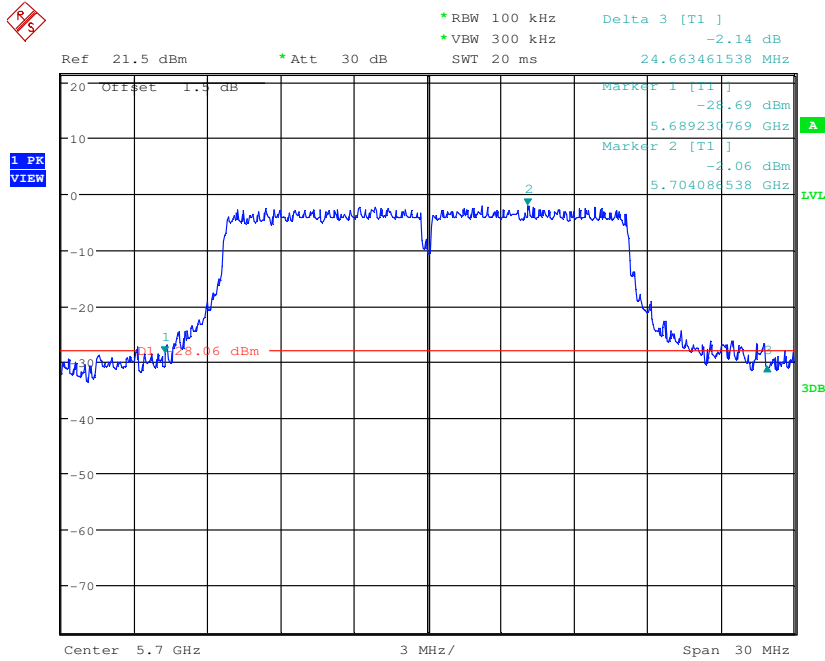


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

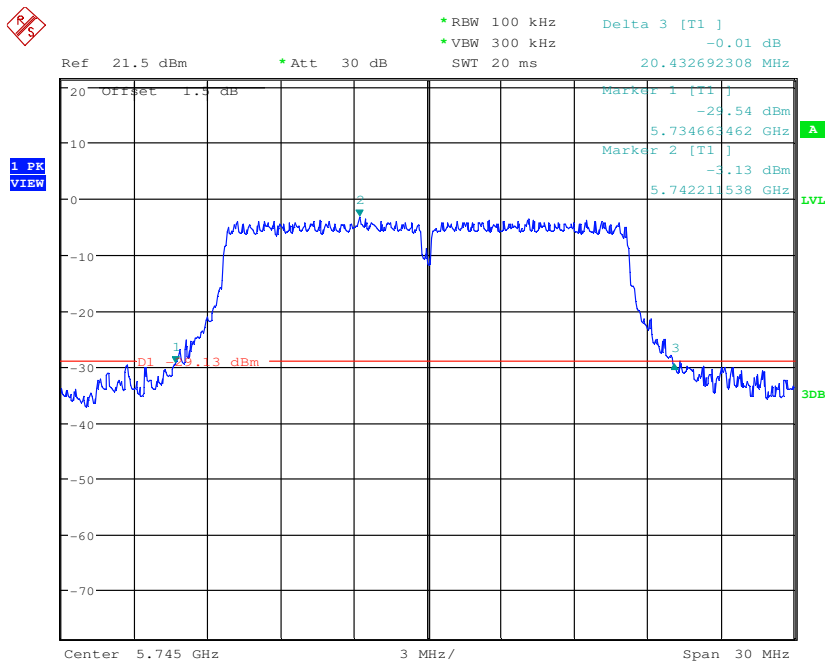
Report No.: SZEM150700437303

Page: 61 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5700 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5745 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

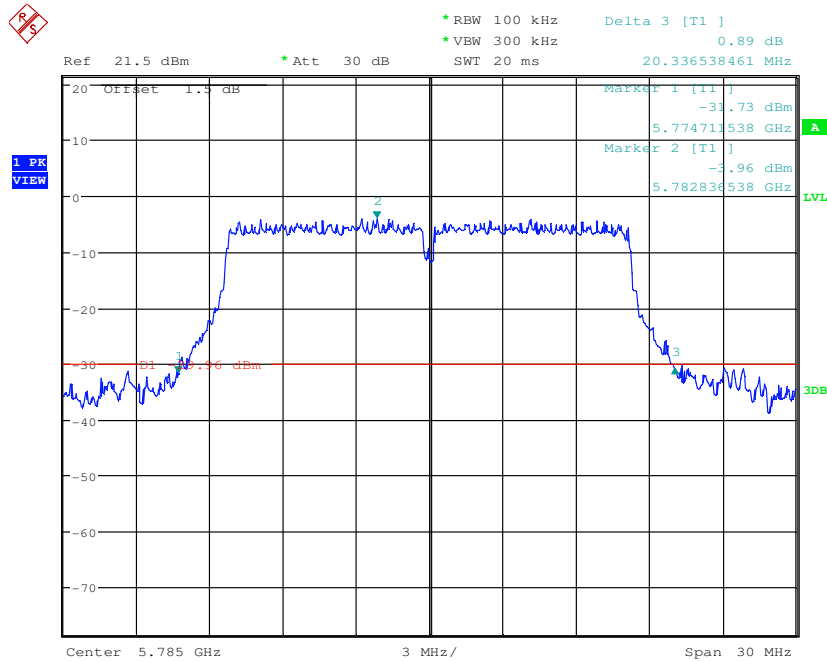


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

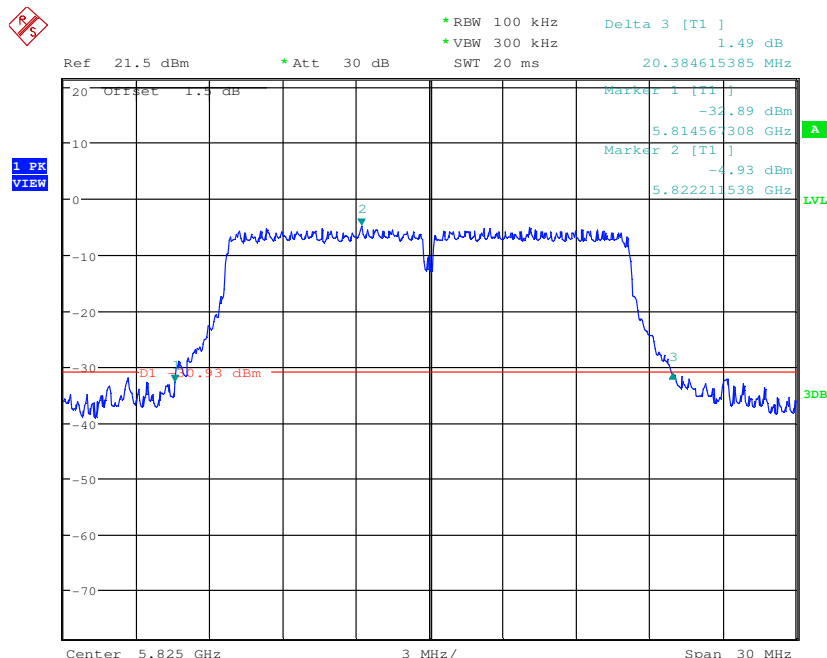
Report No.: SZEM150700437303

Page: 62 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5785 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5825 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

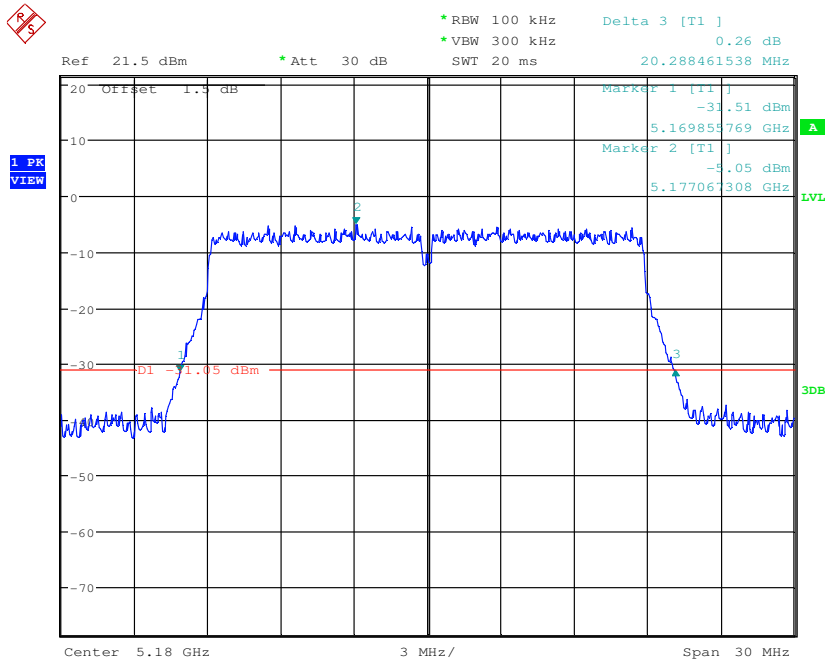


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

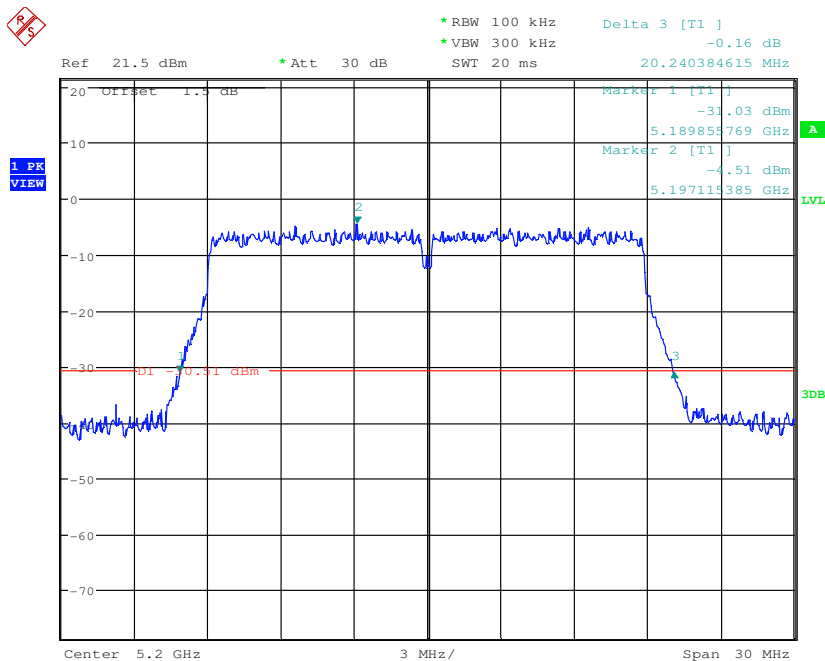
Report No.: SZEM150700437303

Page: 63 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5200 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

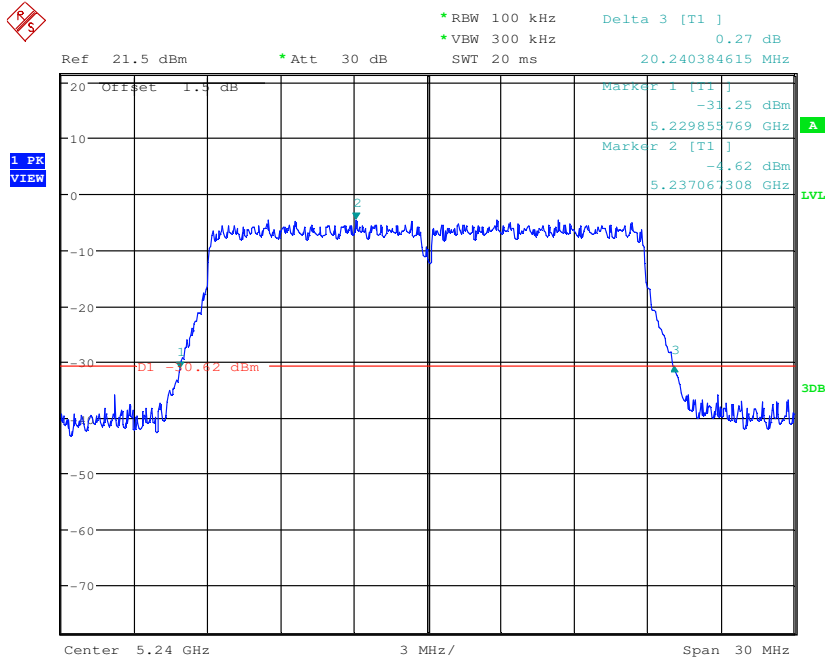


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

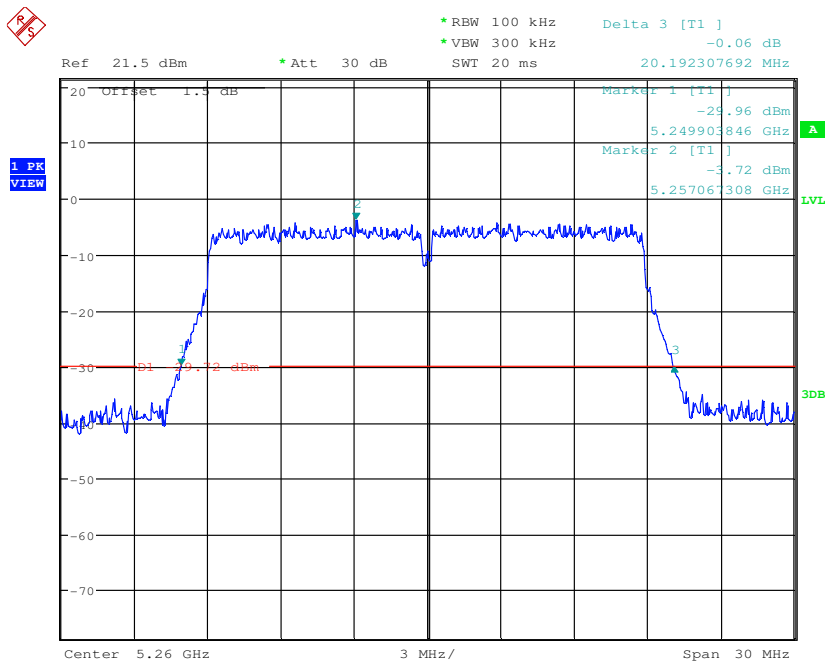
Report No.: SZEM150700437303

Page: 64 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5260 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

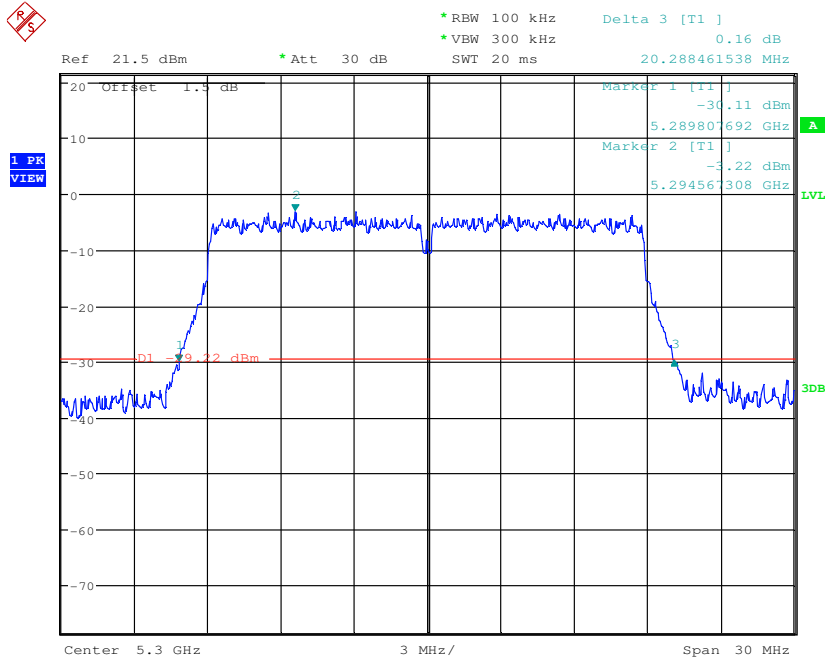


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

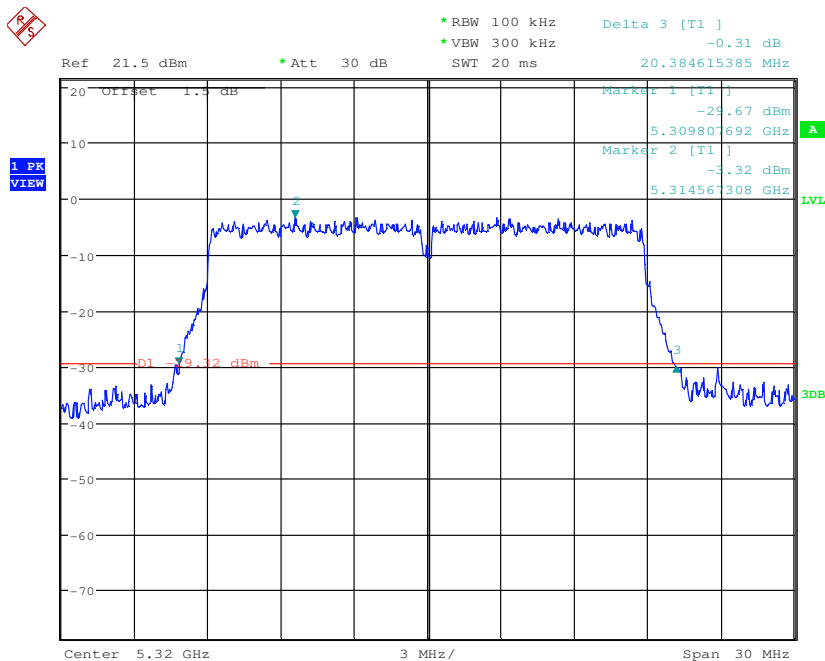
Report No.: SZEM150700437303

Page: 65 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5300 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5320 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

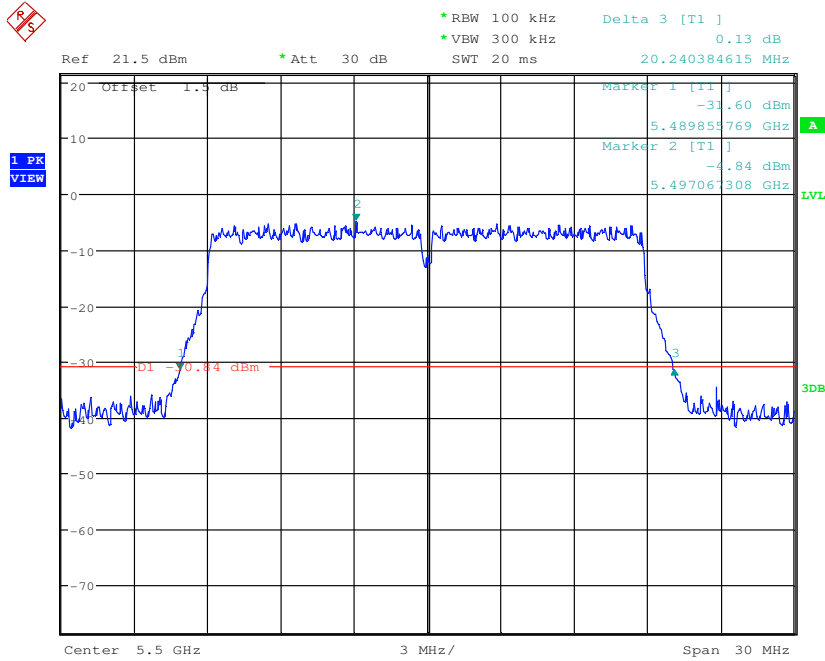


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

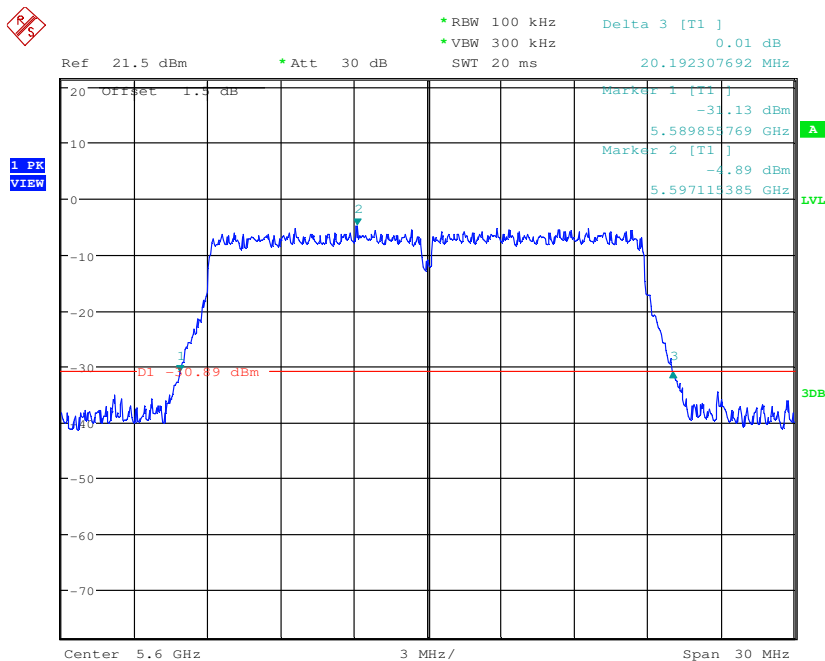
Report No.: SZEM150700437303

Page: 66 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5500 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5600 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

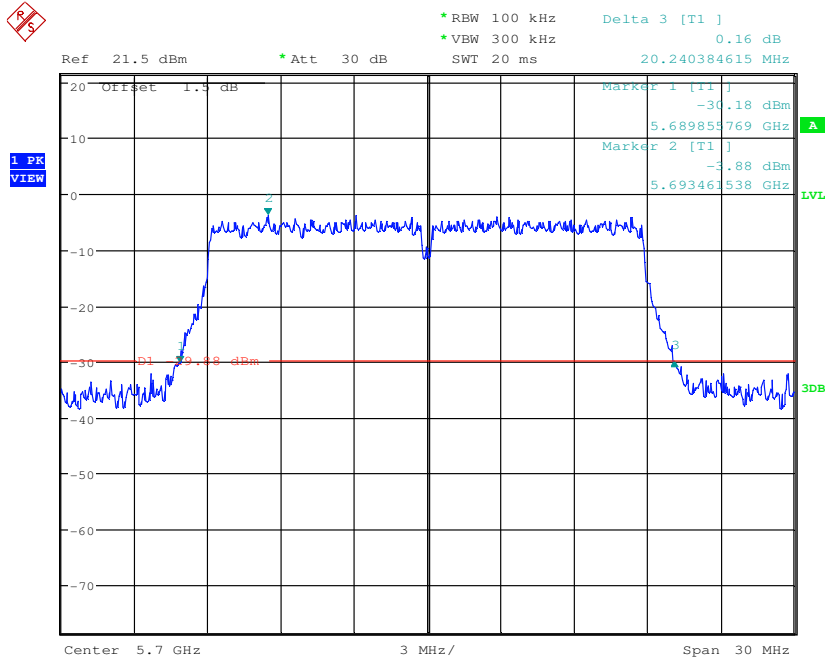


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

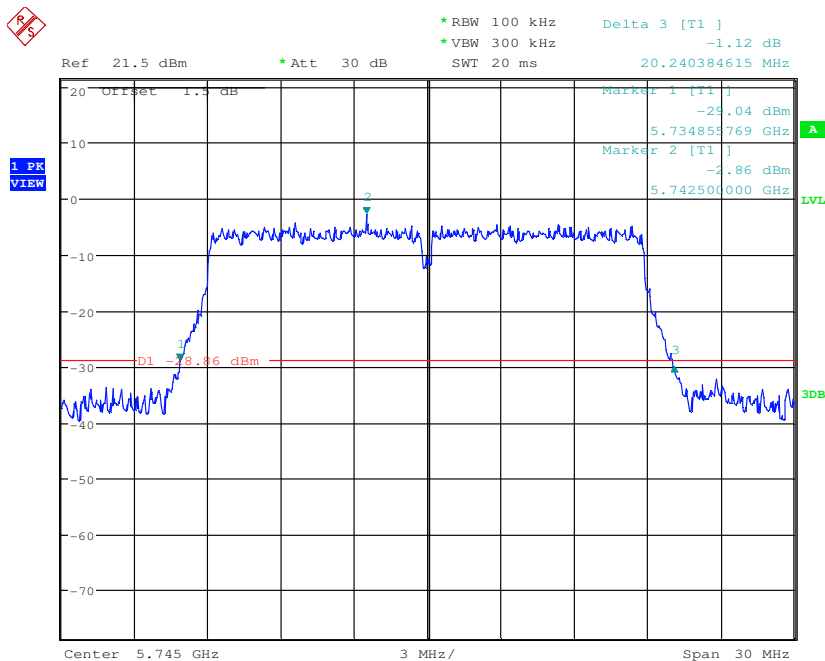
Report No.: SZEM150700437303

Page: 67 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5700 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5745 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

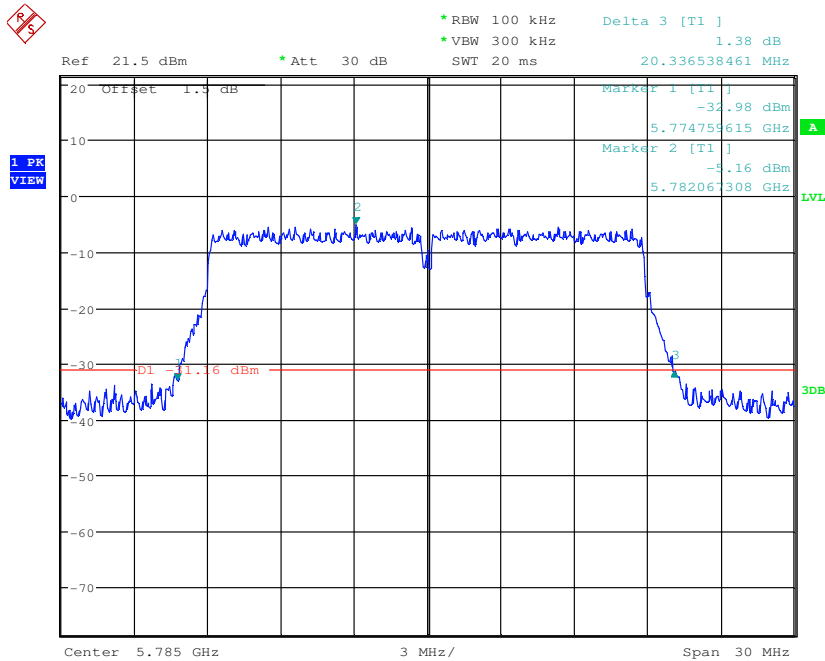


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

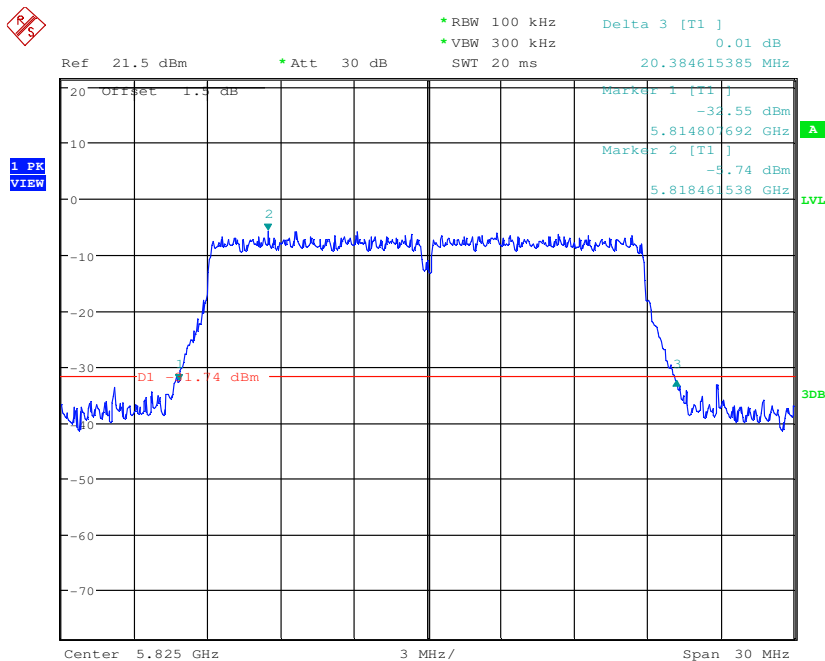
Report No.: SZEM150700437303

Page: 68 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5785 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5825 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

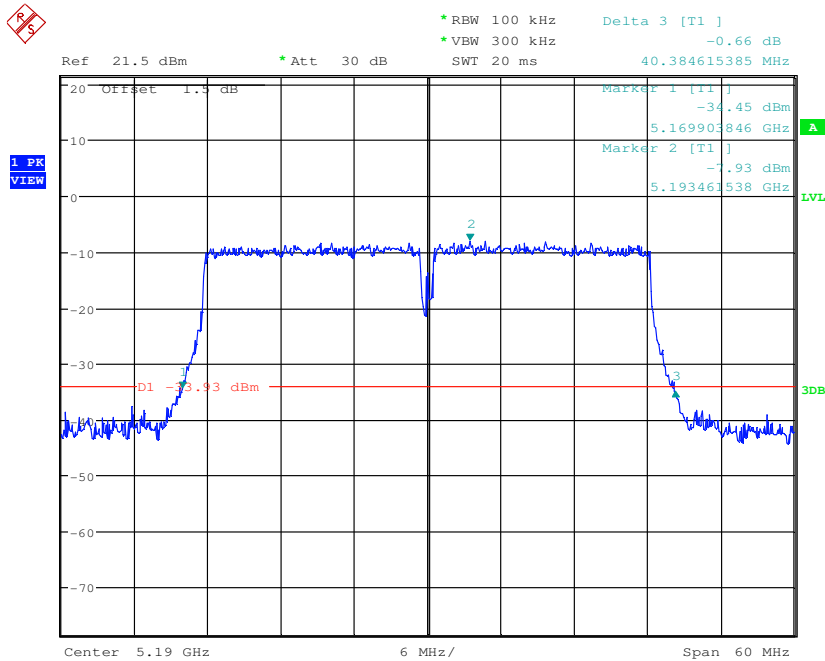


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

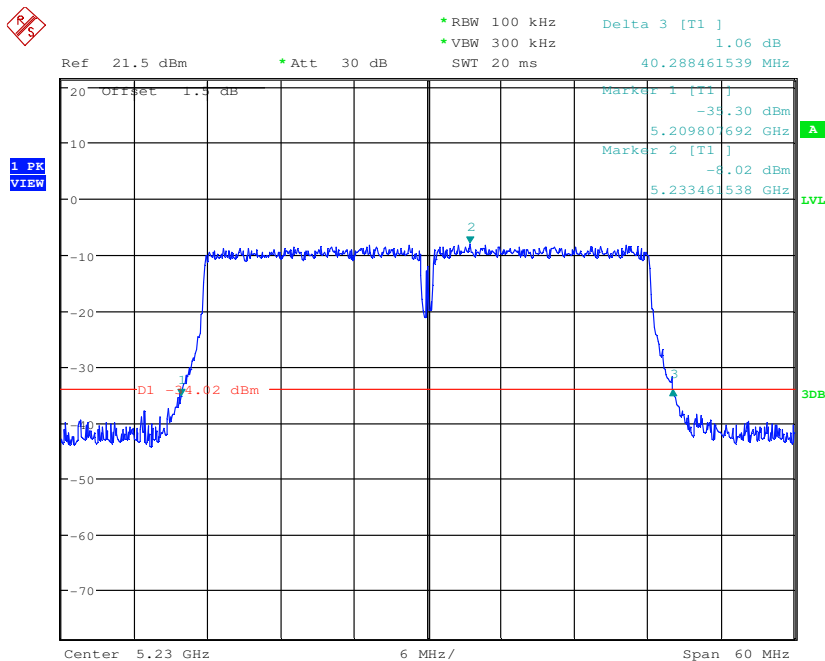
Report No.: SZEM150700437303

Page: 69 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5230 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

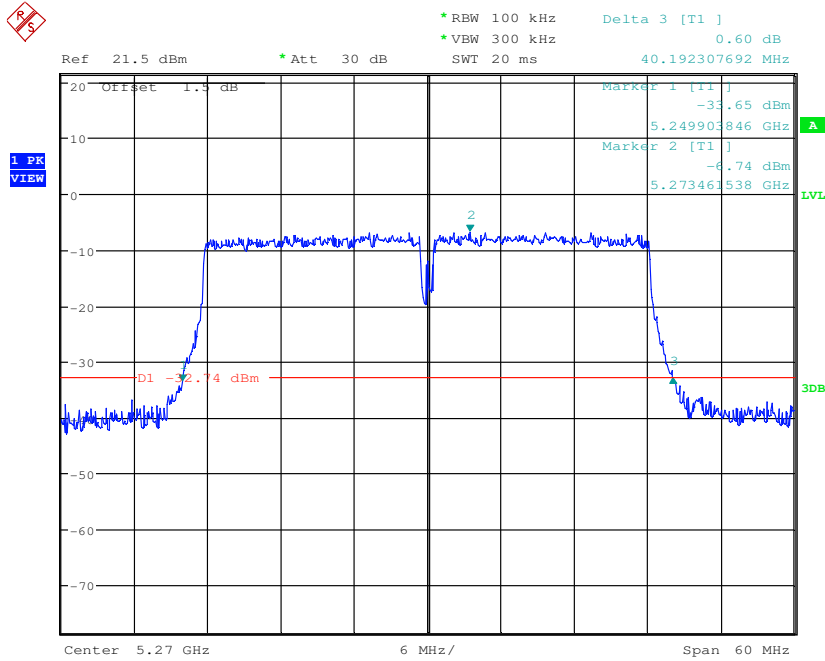


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

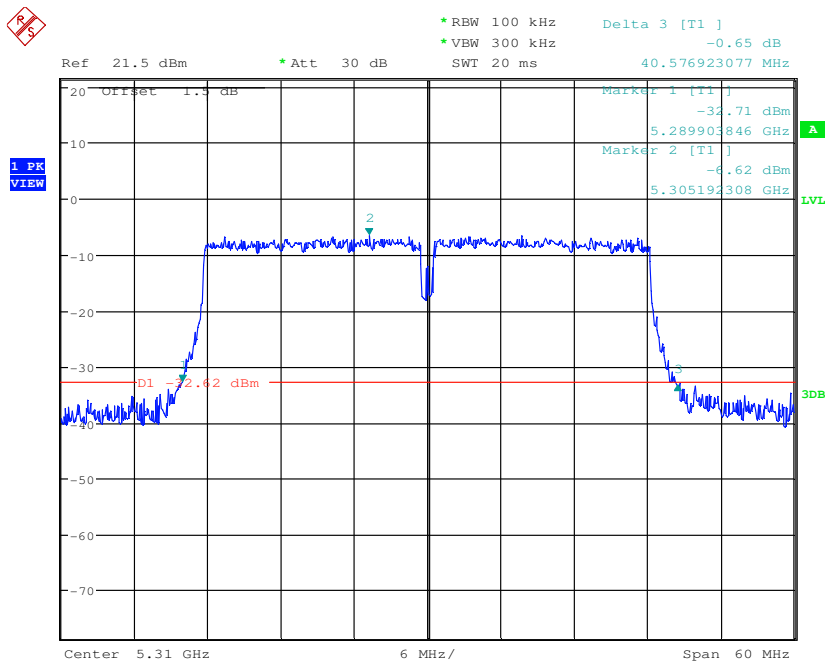
Report No.: SZEM150700437303

Page: 70 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5270 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5310 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

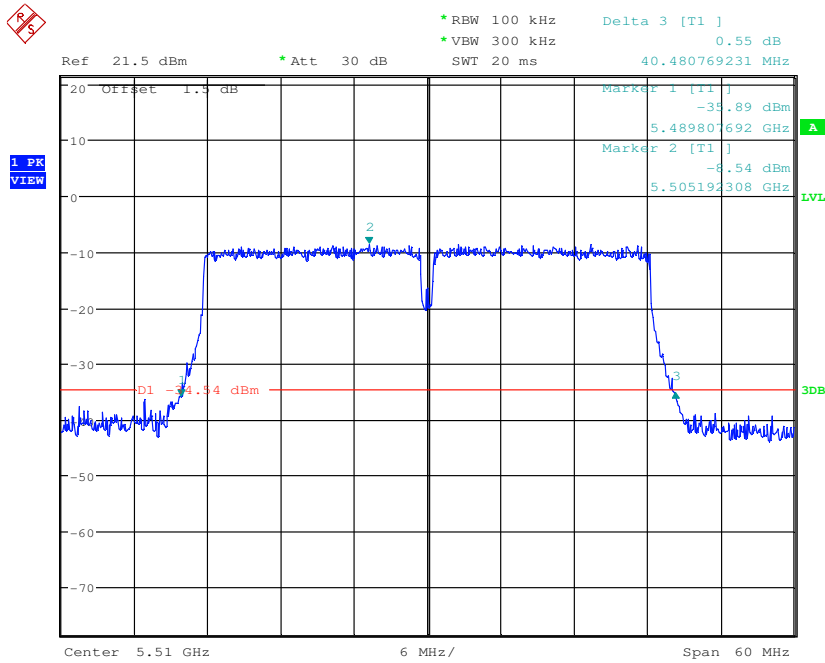


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

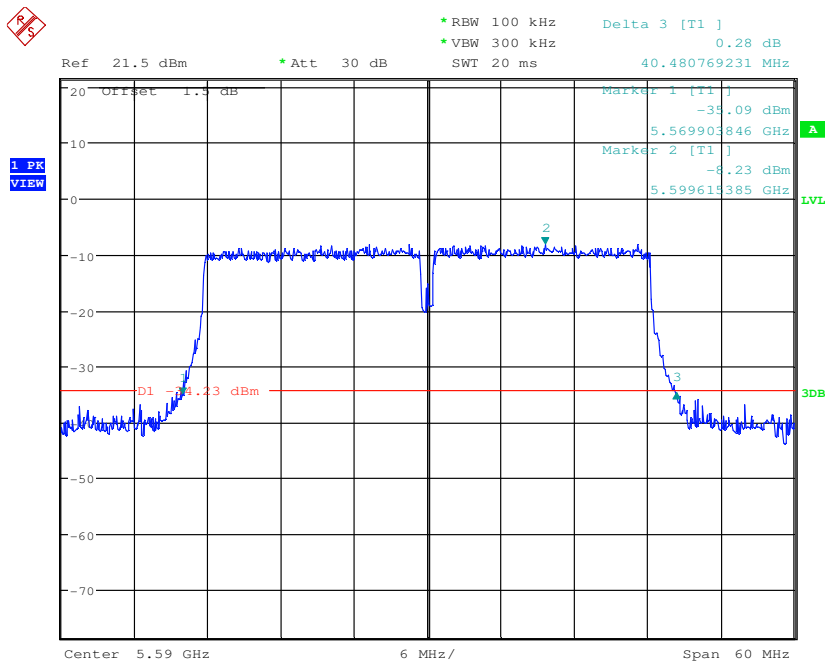
Report No.: SZEM150700437303

Page: 71 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5510 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5590 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

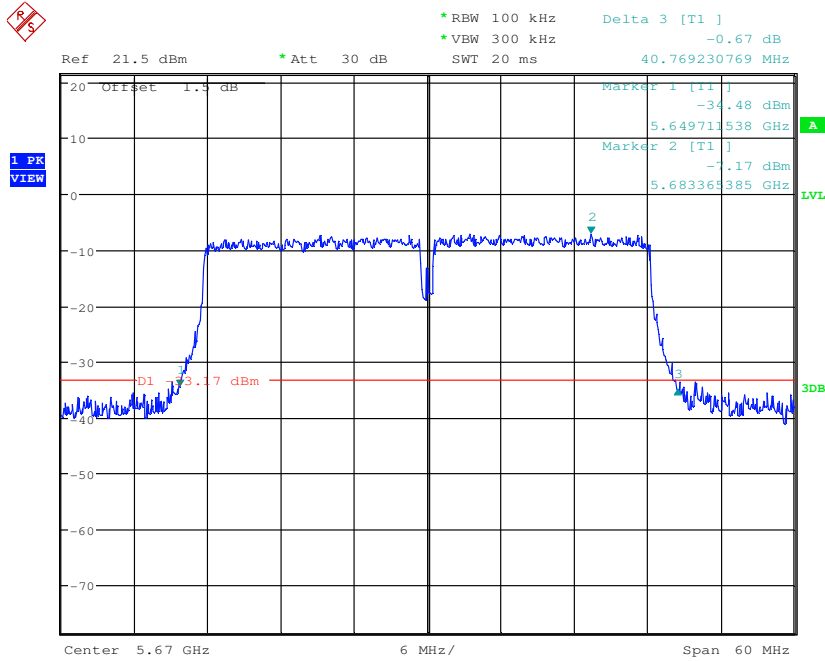


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

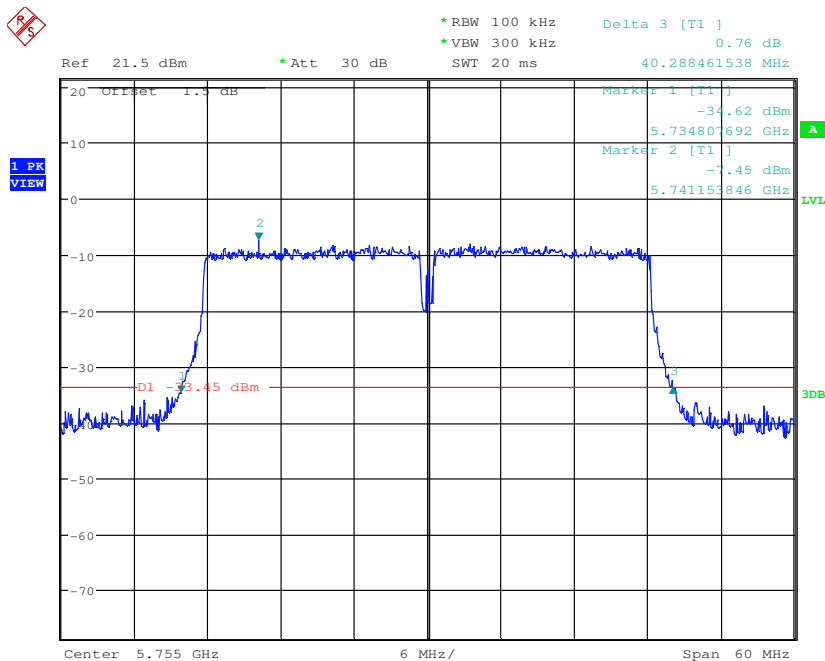
Report No.: SZEM150700437303

Page: 72 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5670 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5755 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

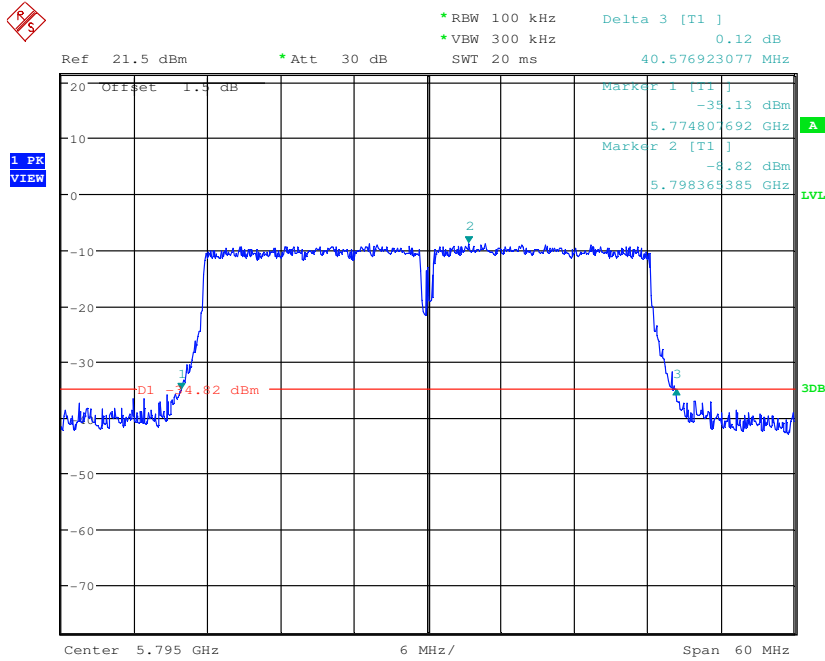


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 73 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5795 |
|------------|---------------|-----------------|------|



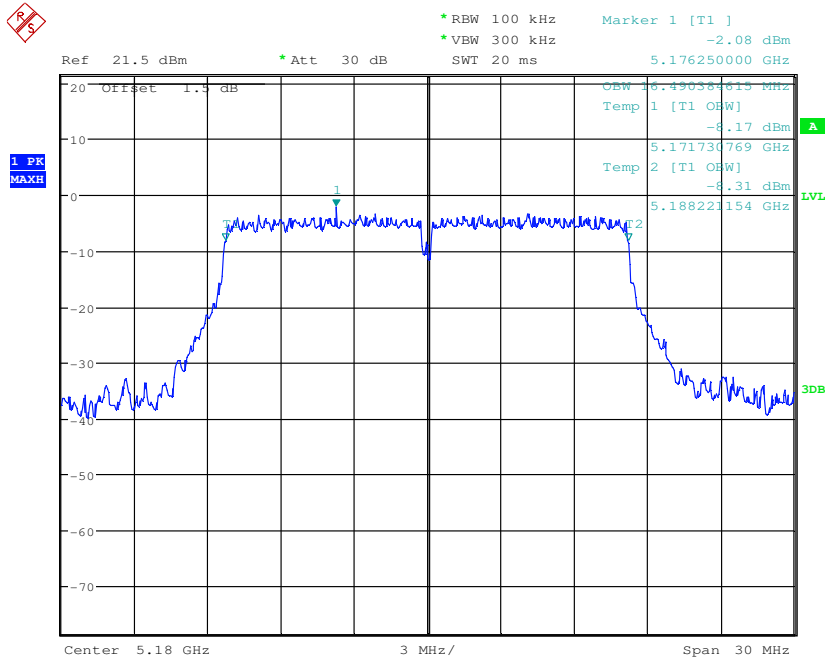
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



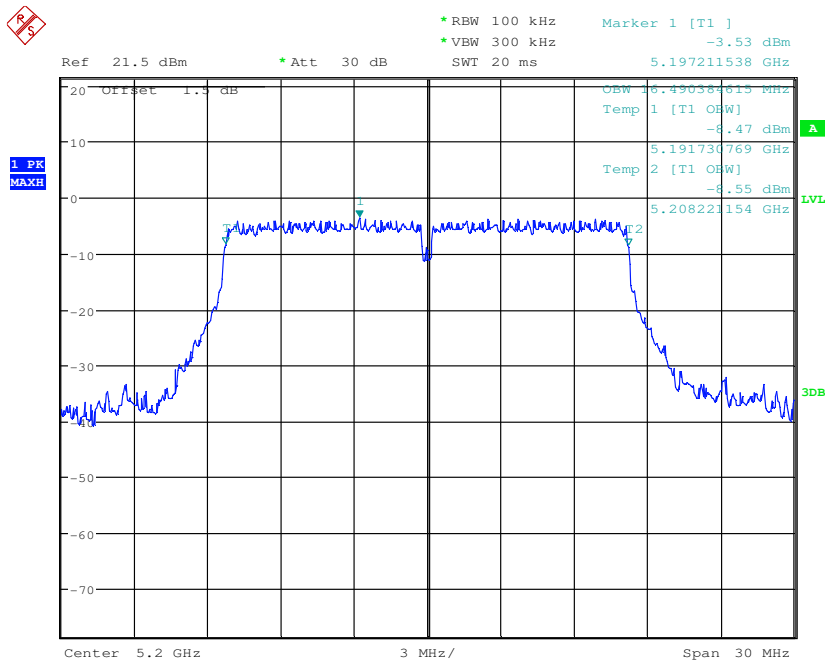
99% occupied bandwidth

Test plot as follows:

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5180 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5200 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

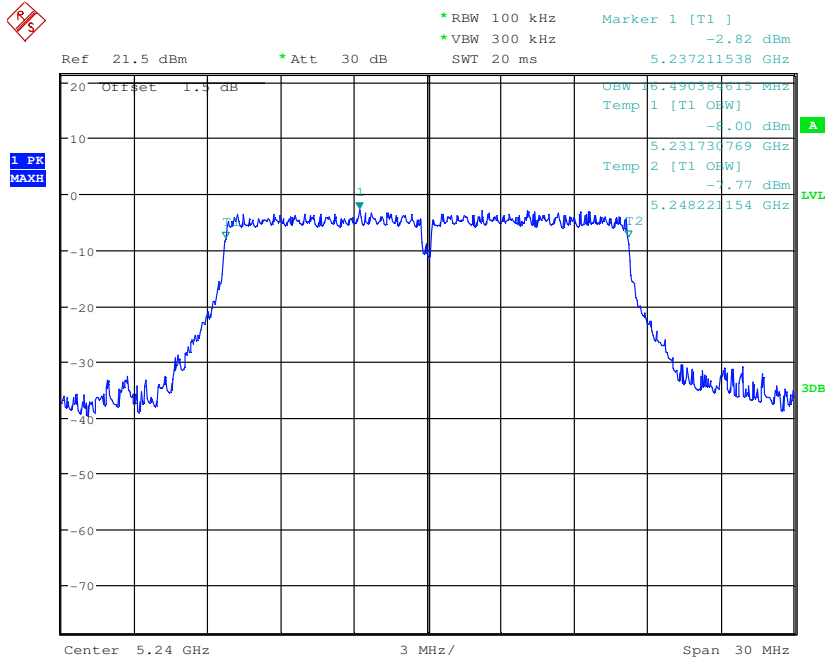


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

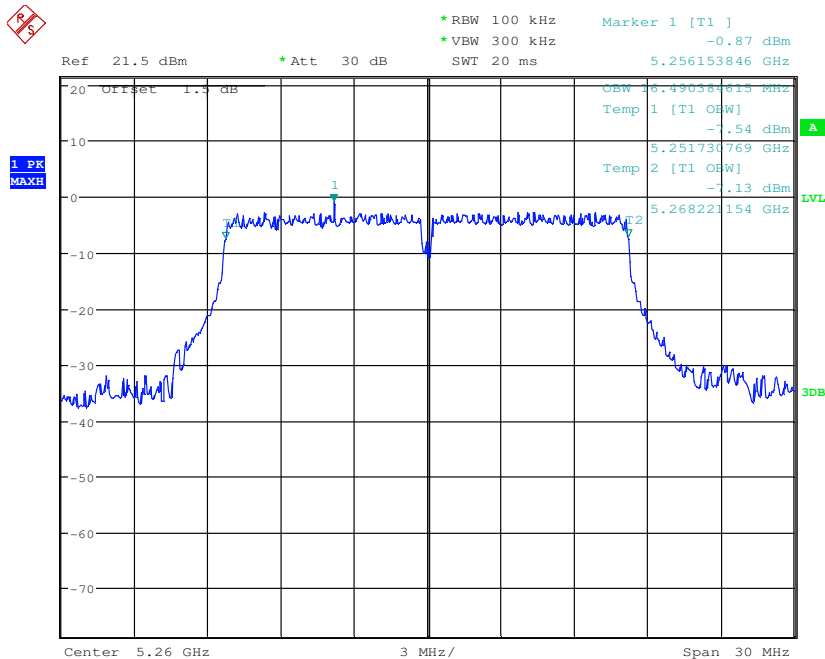
Report No.: SZEM150700437303

Page: 75 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5240 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5260 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

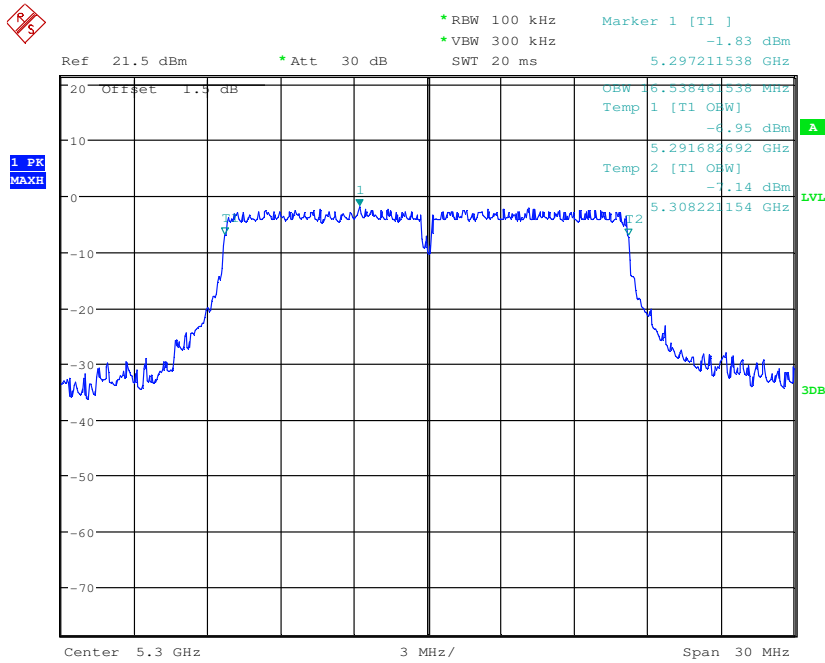


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

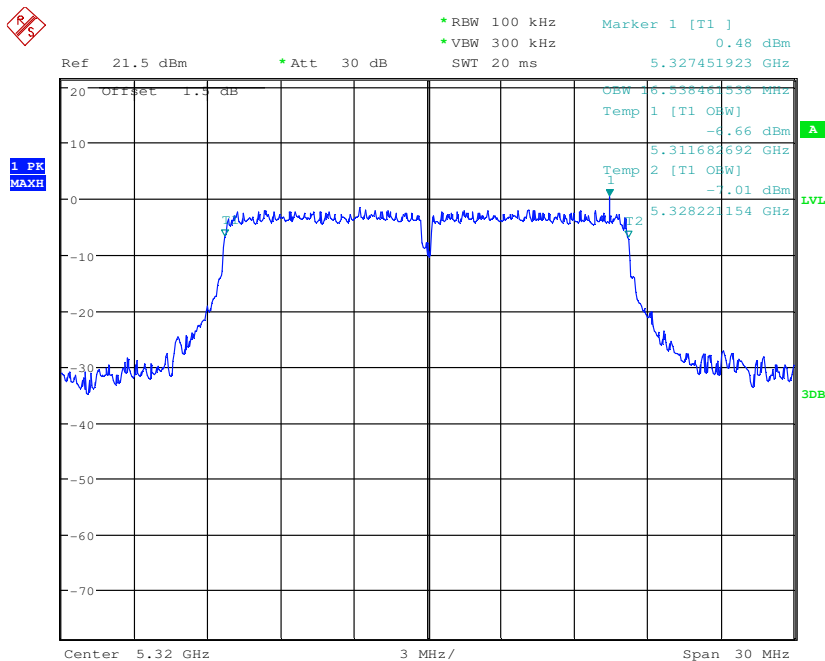
Report No.: SZEM150700437303

Page: 76 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5300 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5320 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

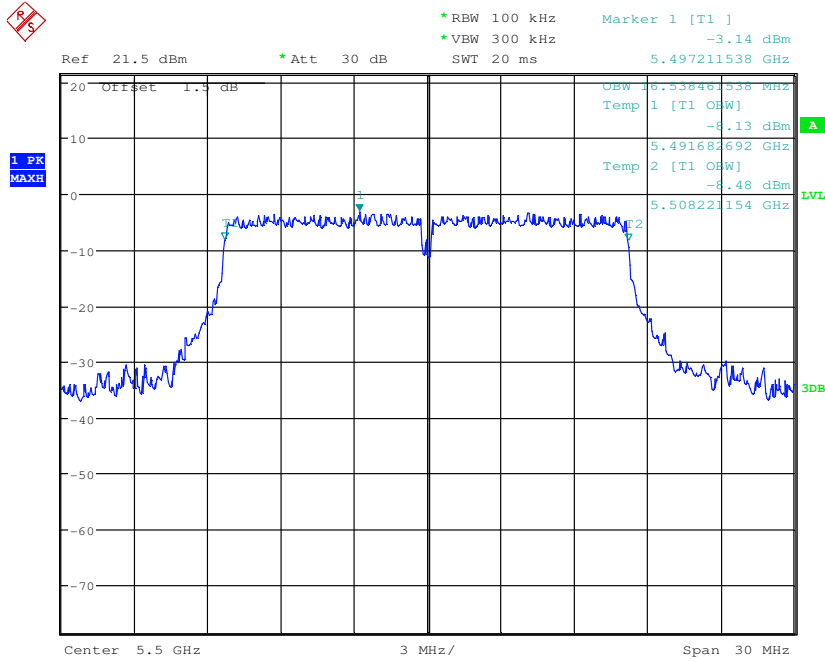


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

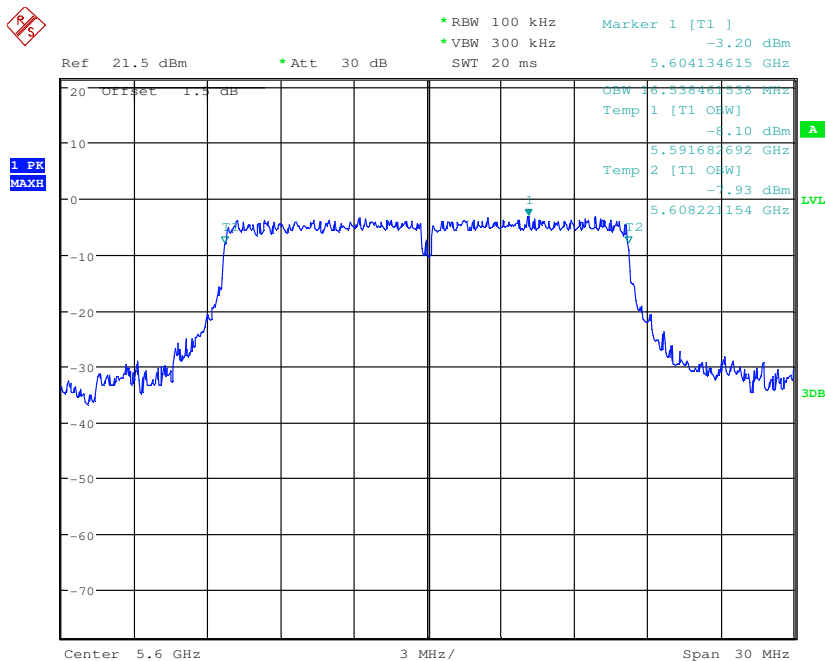
Report No.: SZEM150700437303

Page: 77 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5500 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5600 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

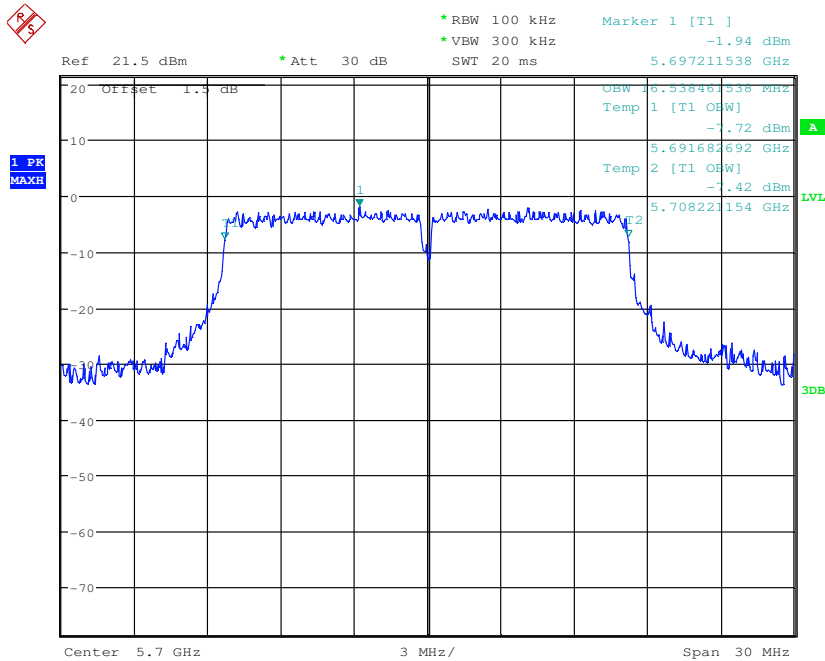


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

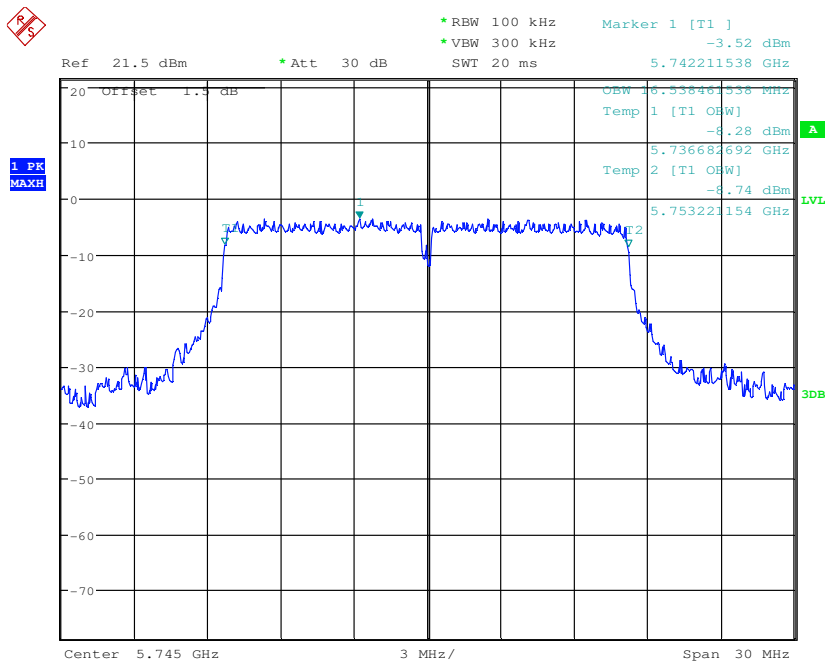
Report No.: SZEM150700437303

Page: 78 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5700 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5745 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

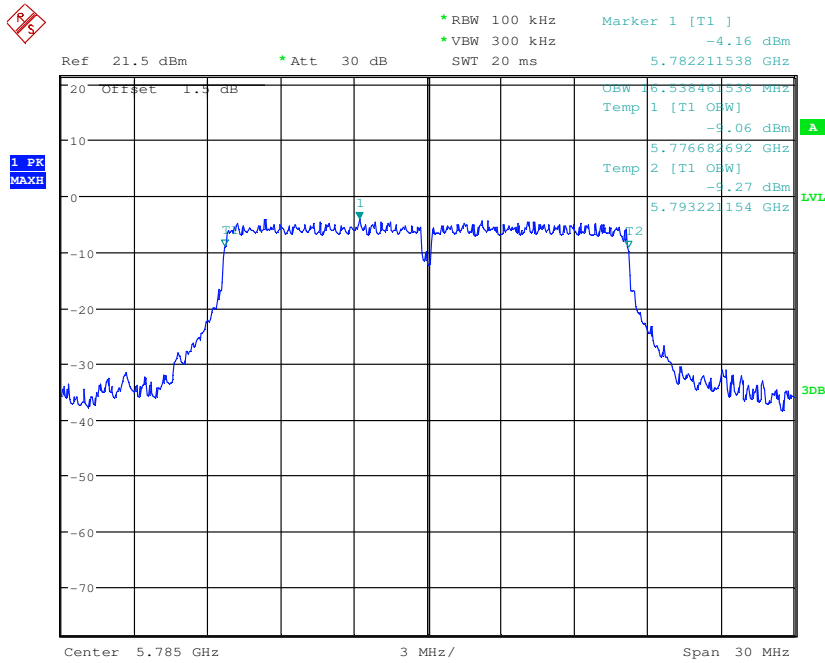


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

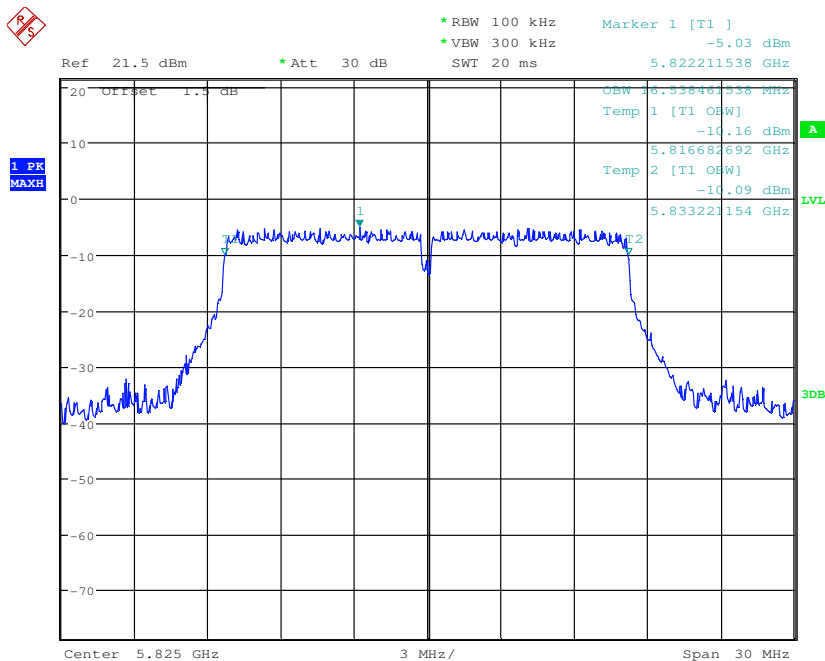
Report No.: SZEM150700437303

Page: 79 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5785 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5825 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

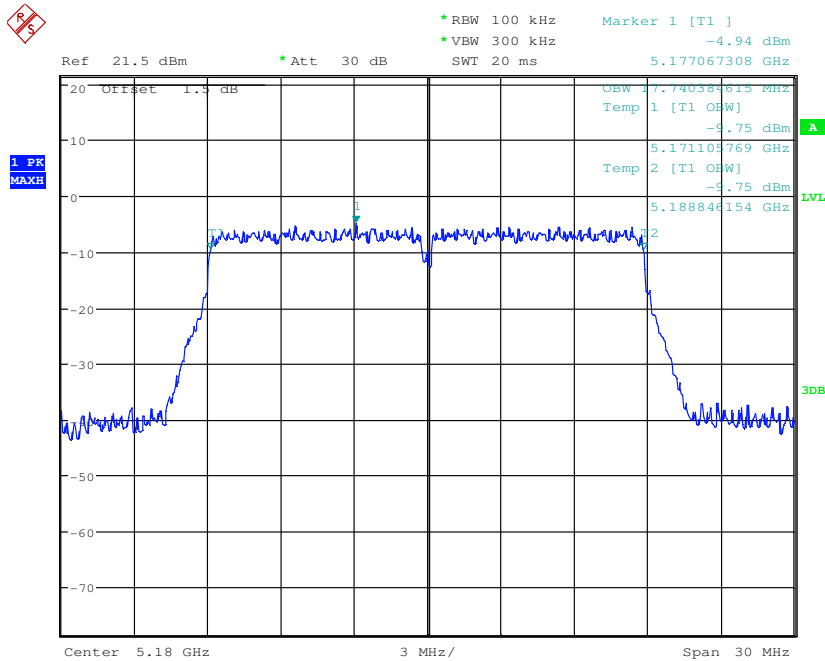


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

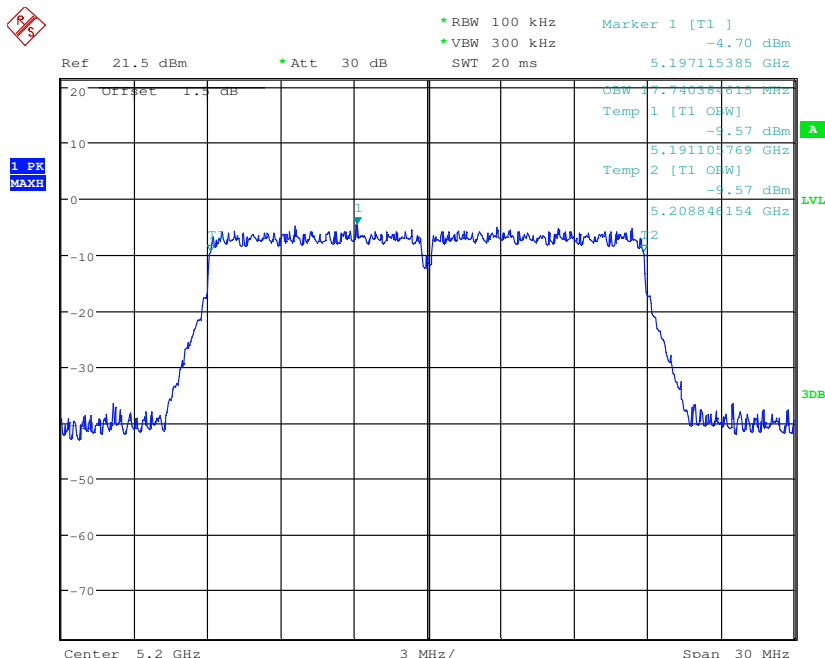
Report No.: SZEM150700437303

Page: 80 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5200 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

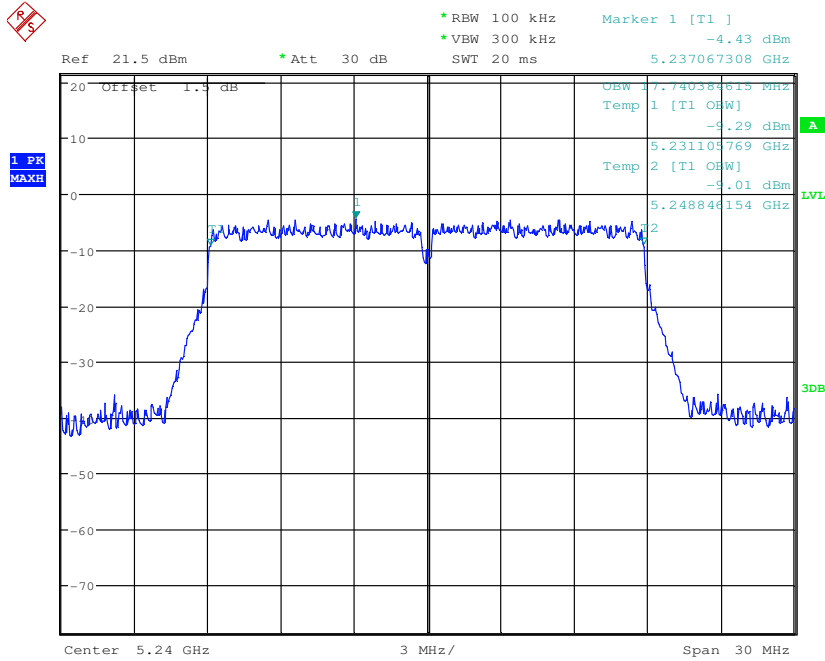


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

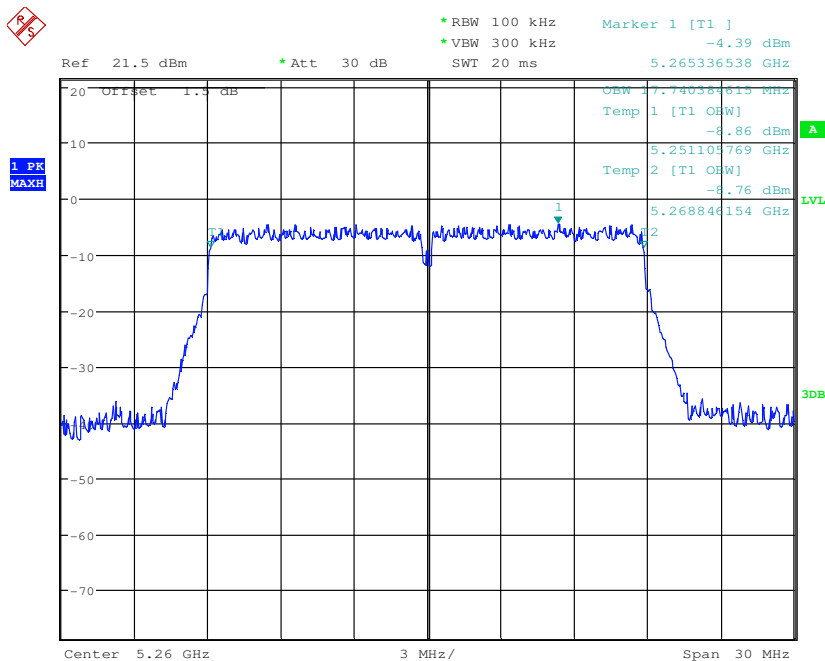
Report No.: SZEM150700437303

Page: 81 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5260 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

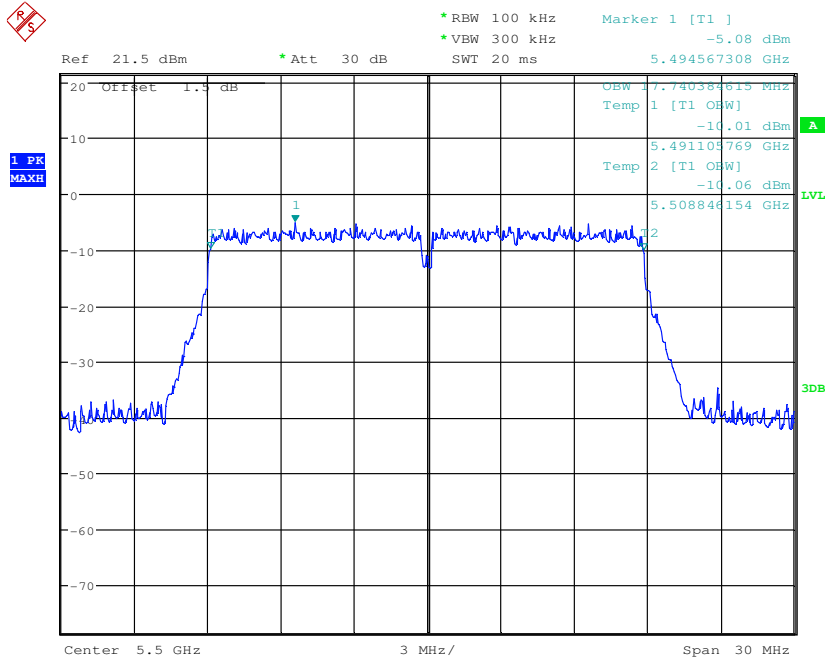


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

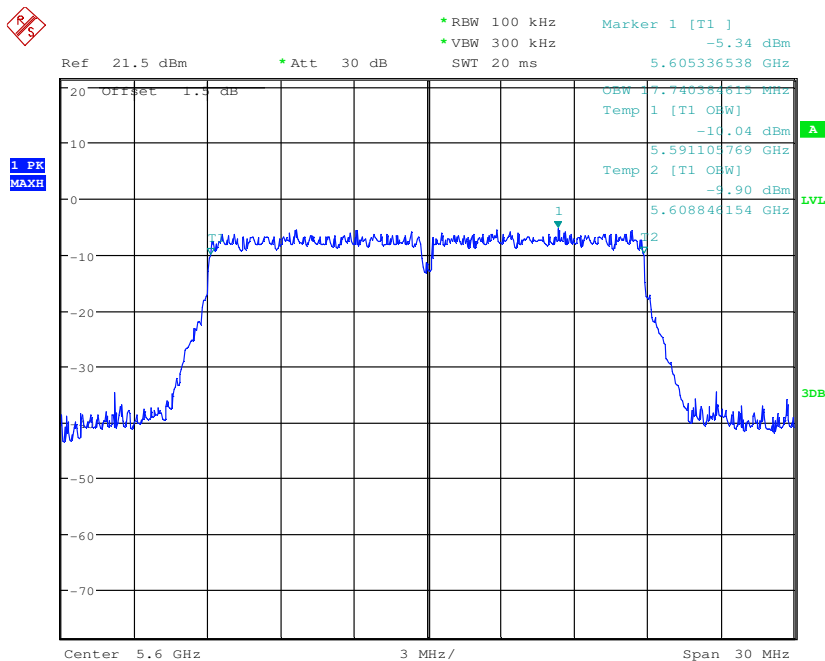
Report No.: SZEM150700437303

Page: 83 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5500 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5600 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

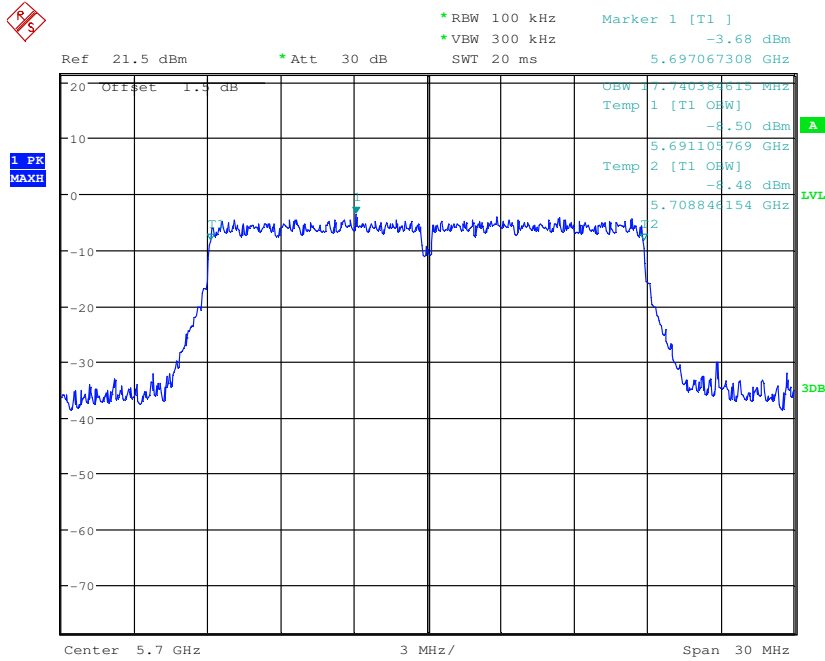


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

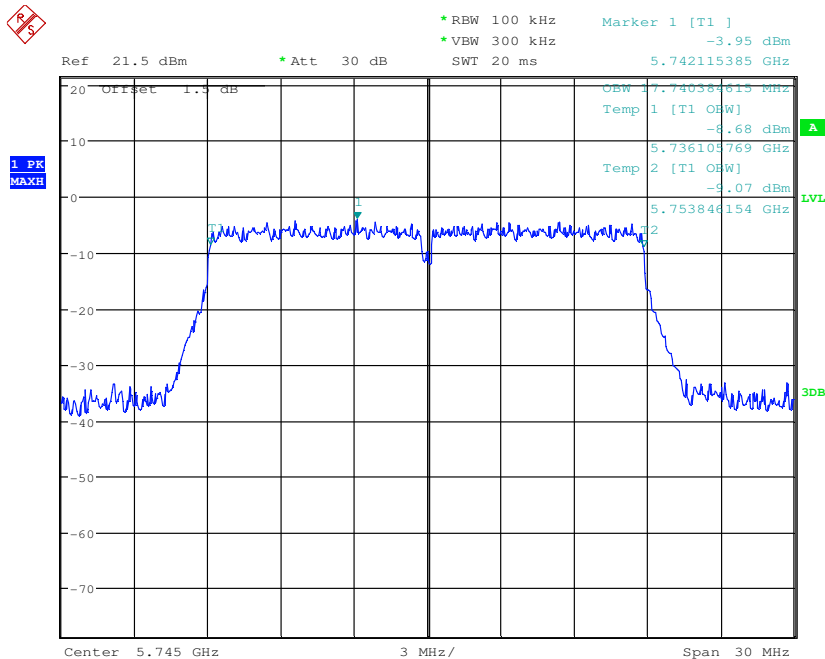
Report No.: SZEM150700437303

Page: 84 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5700 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5745 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

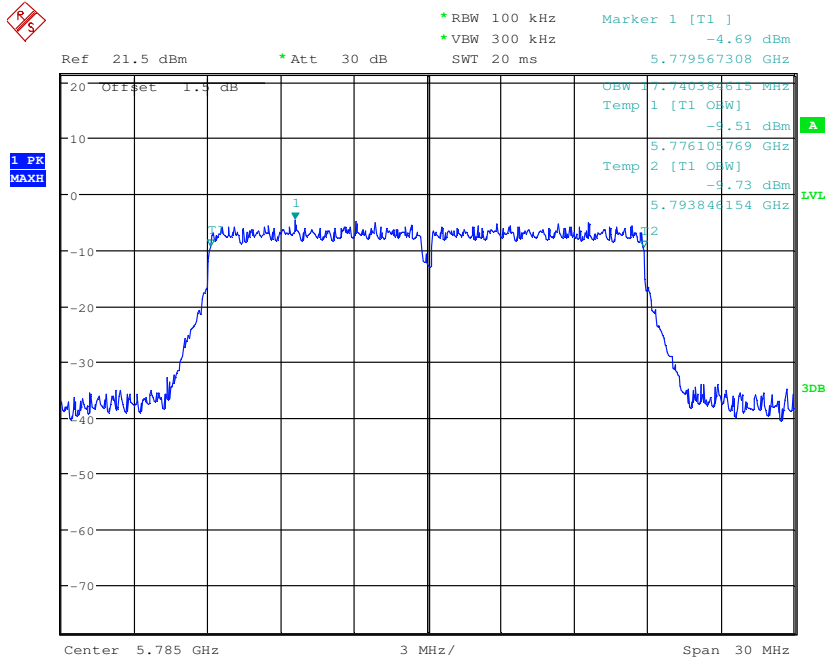


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

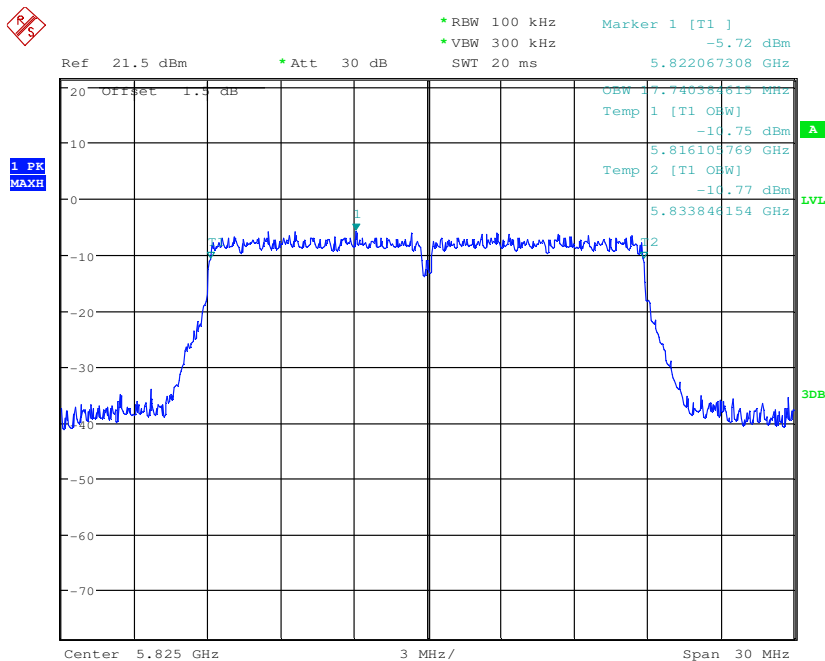
Report No.: SZEM150700437303

Page: 85 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5785 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5825 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

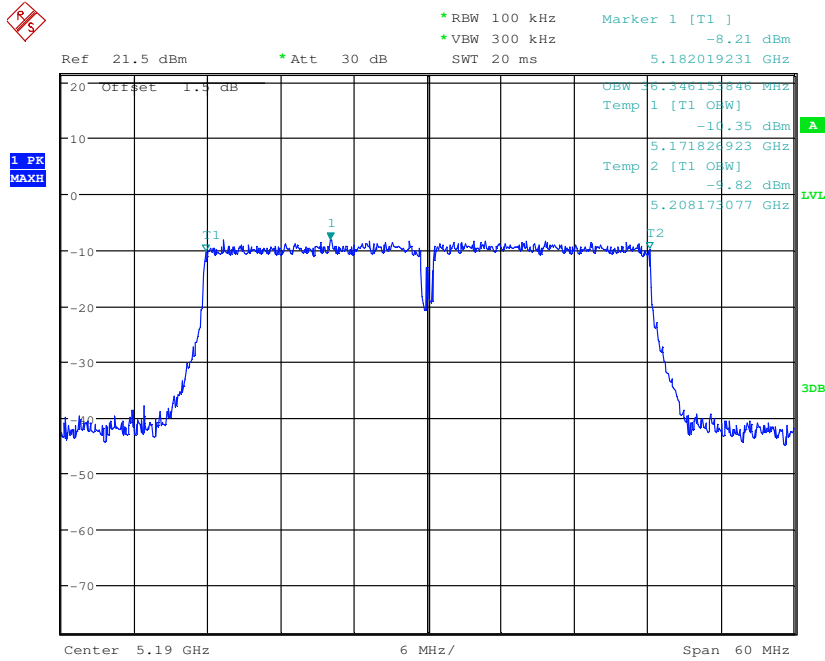


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

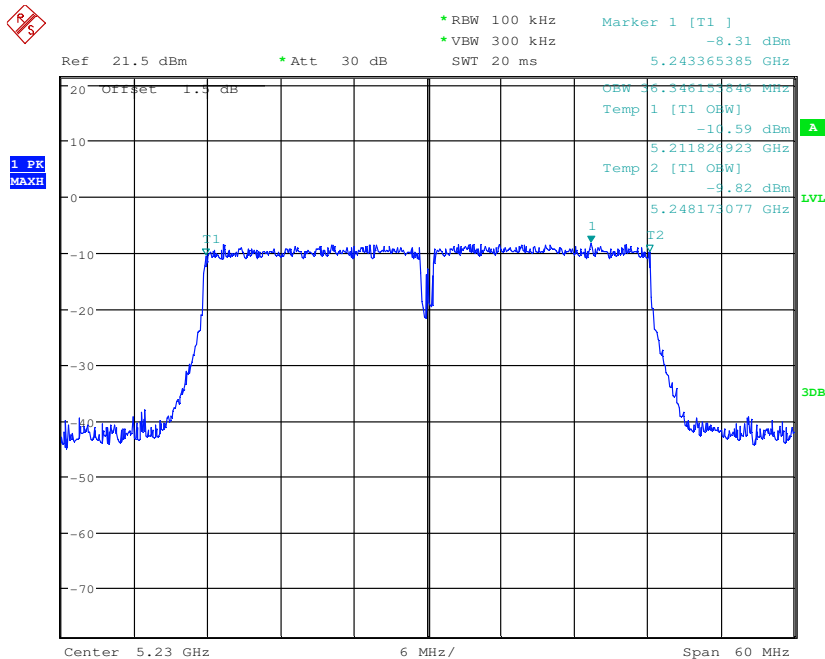
Report No.: SZEM150700437303

Page: 86 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5230 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

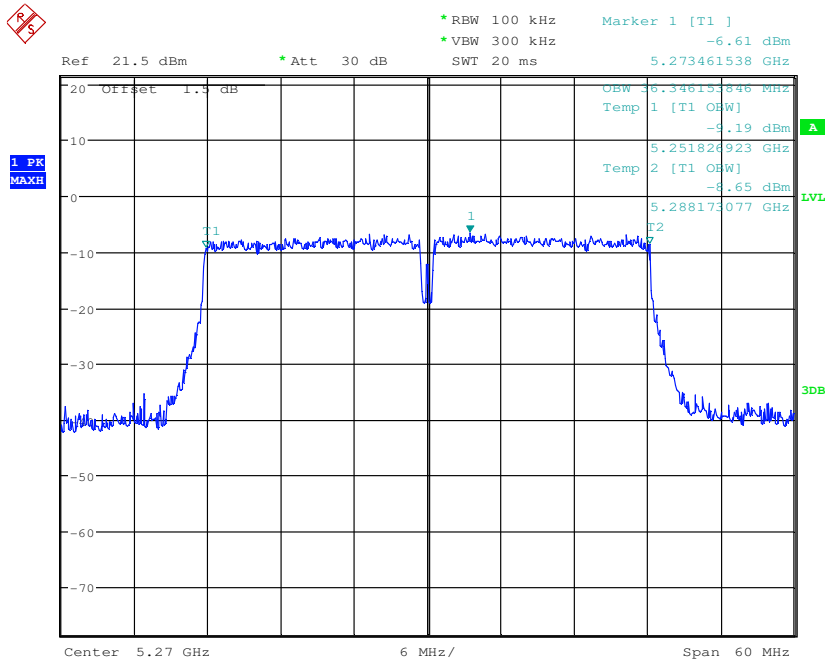


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

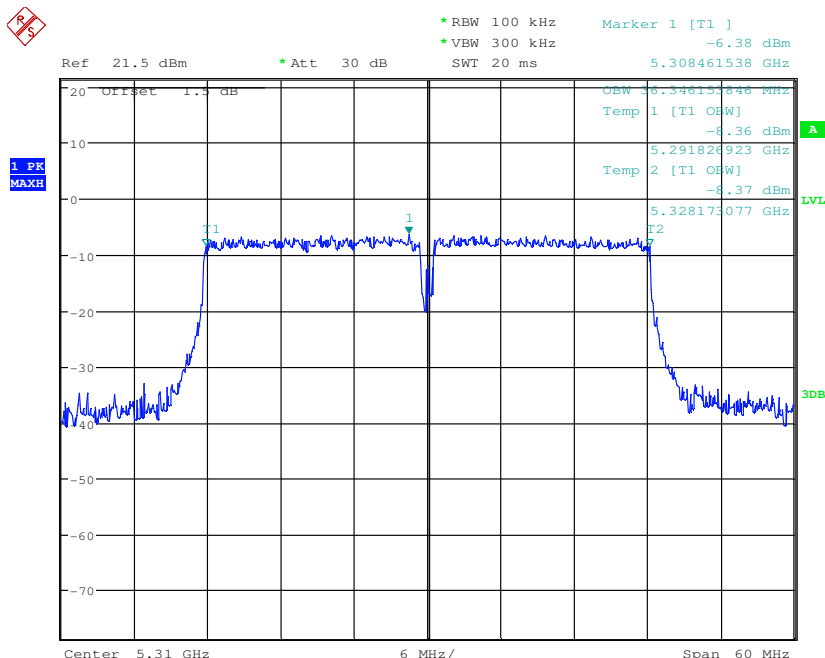
Report No.: SZEM150700437303

Page: 87 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5270 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5310 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

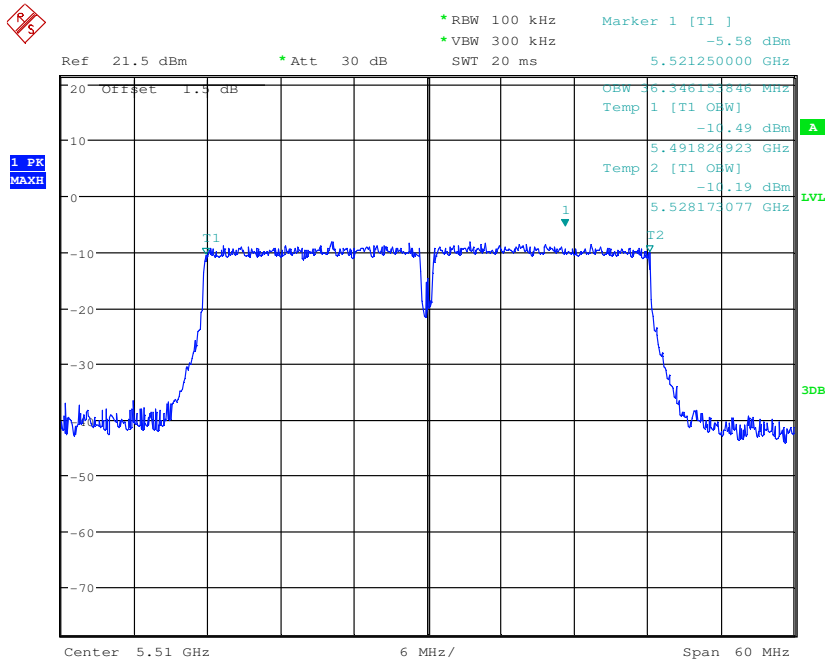


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

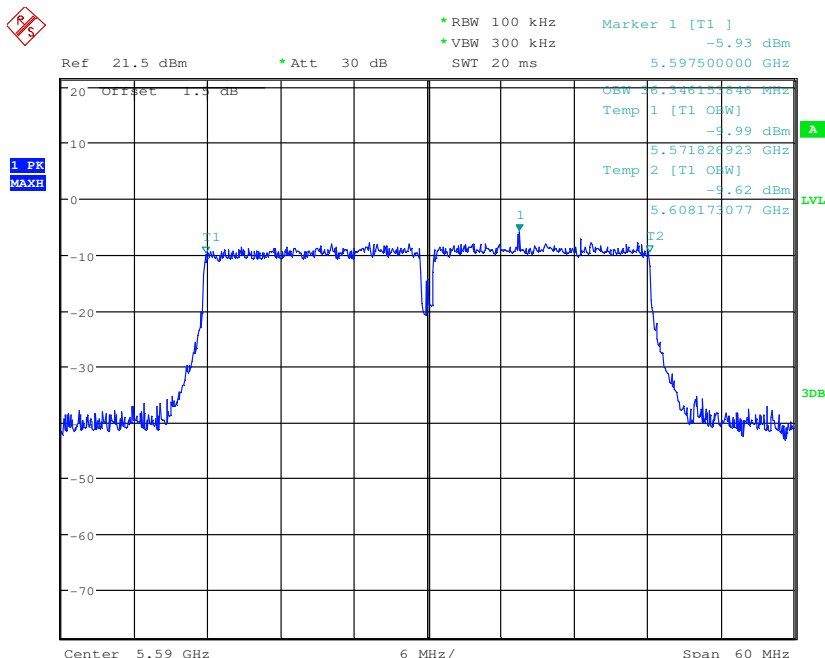
Report No.: SZEM150700437303

Page: 88 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5510 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5590 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

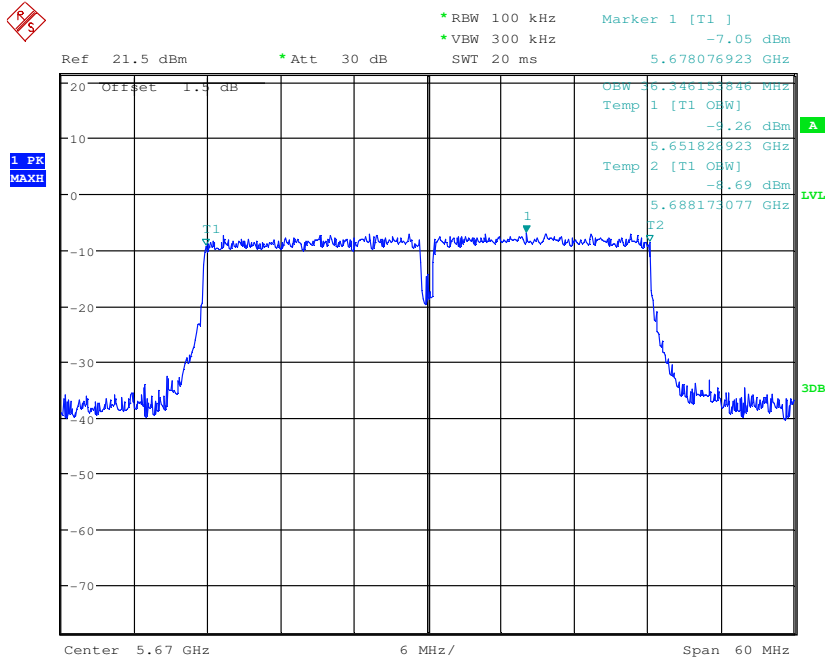


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

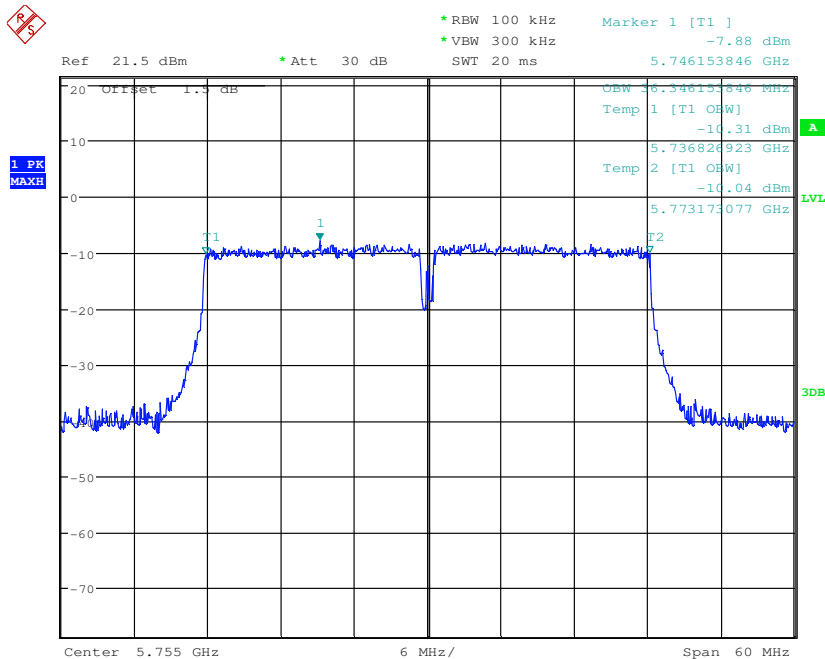
Report No.: SZEM150700437303

Page: 89 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5670 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5755 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

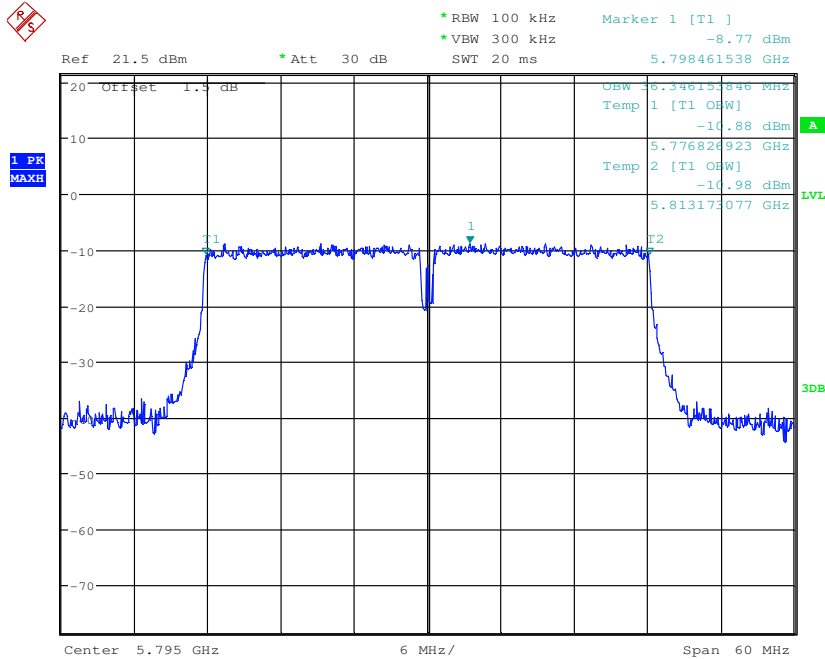


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

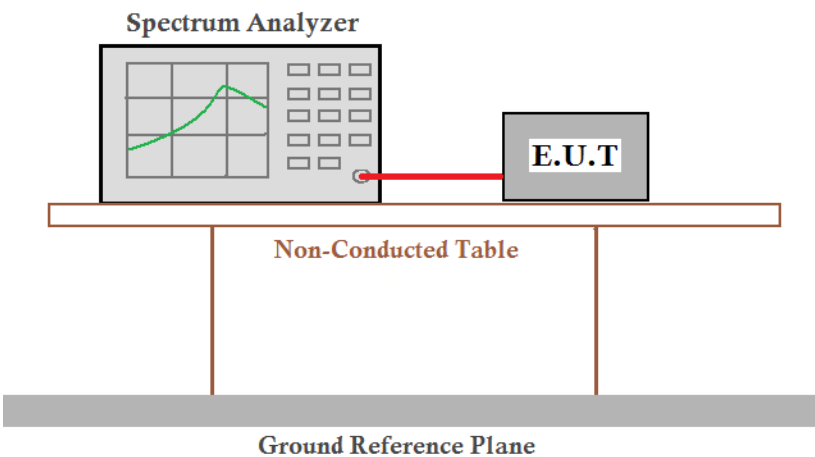
Page: 90 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5795 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

6.5 6dB Emission Bandwidth

| | | |
|------------------------|--|-----------------|
| Test Requirement: | 47 CFR Part 15 Section 15.407(e) | |
| Test Method: | ANSI C63.10: 2013 | |
| Test Setup: |  <p>The diagram shows a Spectrum Analyzer on the left and an E.U.T. on the right, connected by a red cable. They are both on a table labeled 'Non-Conducted Table'. Below the table is a grey bar labeled 'Ground Reference Plane'.</p> | |
| Instruments Used: | Refer to section 5.10 for details. | |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. | |
| Final Test Mode: | <p>Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40). Only the worst case is recorded in the report. Pre-scan was performed at Antenna 0 and Antenna 1, no worst case was found. Only the test data of Antenna 0 was shown in this report.</p> | |
| Limit: | Frequency Band | Limit |
| | 5725-5850MHz | At least 500kHz |
| Test Results: | Pass | |



Measurement Data:

| 802.11a mode | | | |
|-----------------|----------------------------|-------------|--------|
| Frequency (MHz) | 6dB Occupy Bandwidth (MHz) | Limit (kHz) | Result |
| 5745 | 16.683 | ≥500 | Pass |
| 5785 | 16.635 | ≥500 | Pass |
| 5825 | 16.635 | ≥500 | Pass |

| 802.11n(HT20) mode | | | |
|--------------------|----------------------------|-------------|--------|
| Frequency (MHz) | 6dB Occupy Bandwidth (MHz) | Limit (kHz) | Result |
| 5745 | 17.788 | ≥500 | Pass |
| 5785 | 17.885 | ≥500 | Pass |
| 5825 | 17.933 | ≥500 | Pass |

| 802.11n(HT40) mode | | | |
|--------------------|----------------------------|-------------|--------|
| Frequency (MHz) | 6dB Occupy Bandwidth (MHz) | Limit (kHz) | Result |
| 5755 | 36.731 | ≥500 | Pass |
| 5795 | 36.827 | ≥500 | Pass |



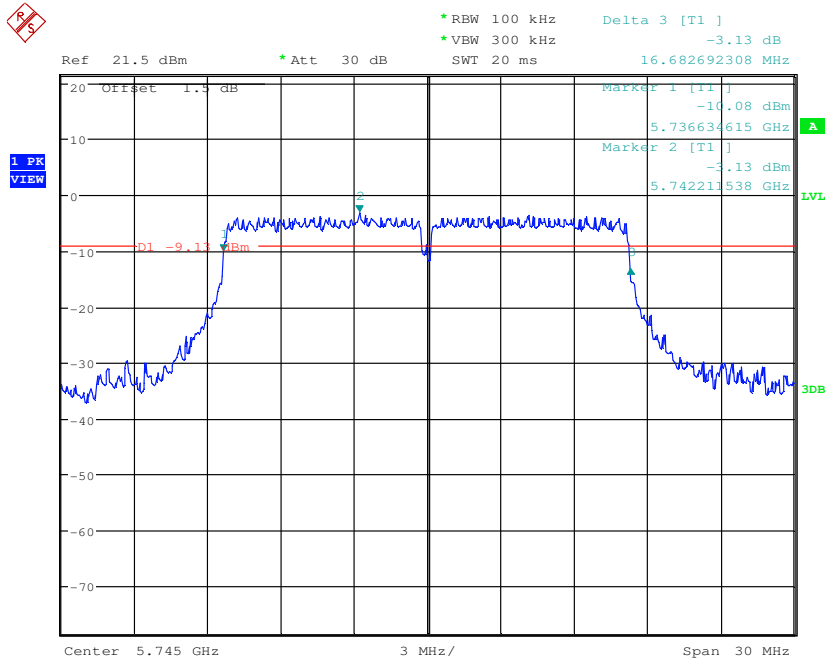
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

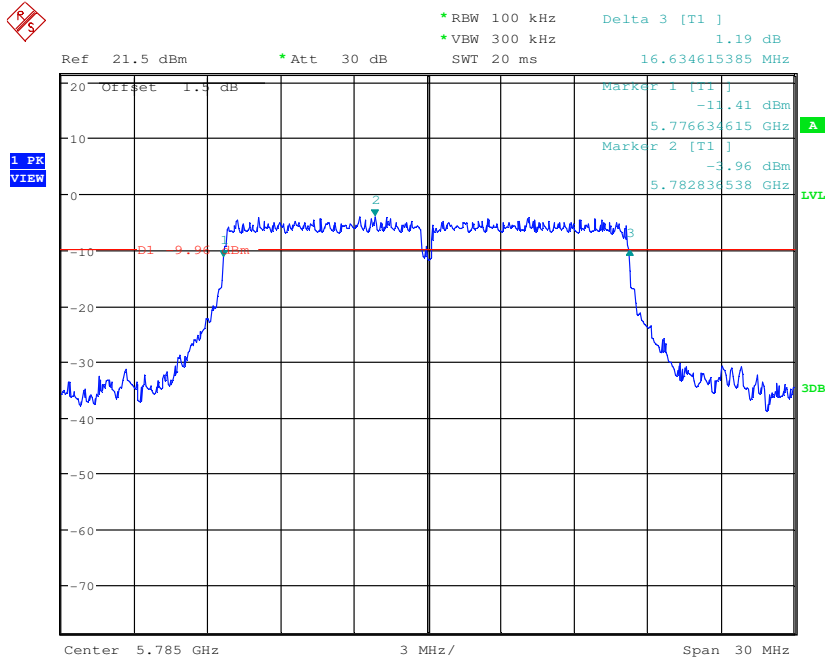
Page: 93 of 193

Test plot as follows:

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5745 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5785 |
|------------|---------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

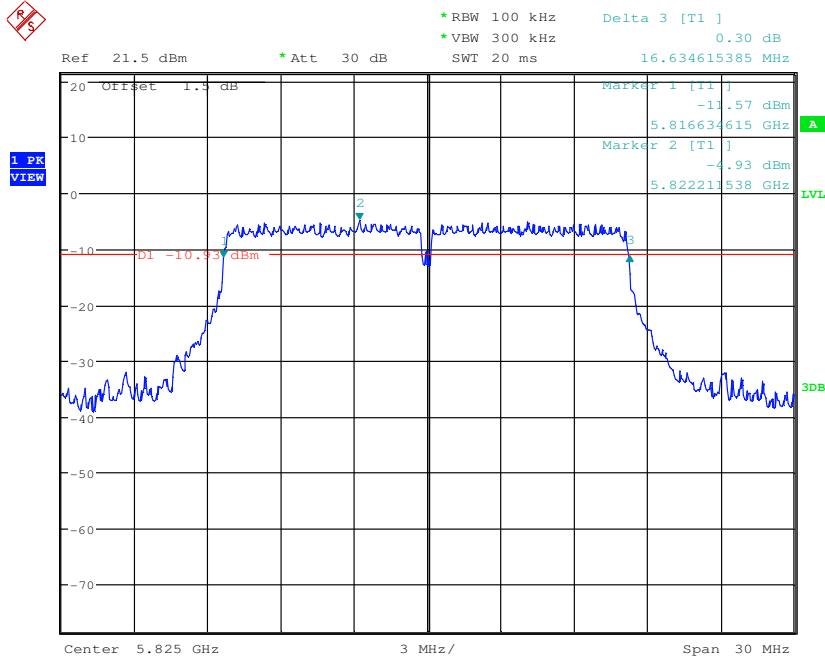


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

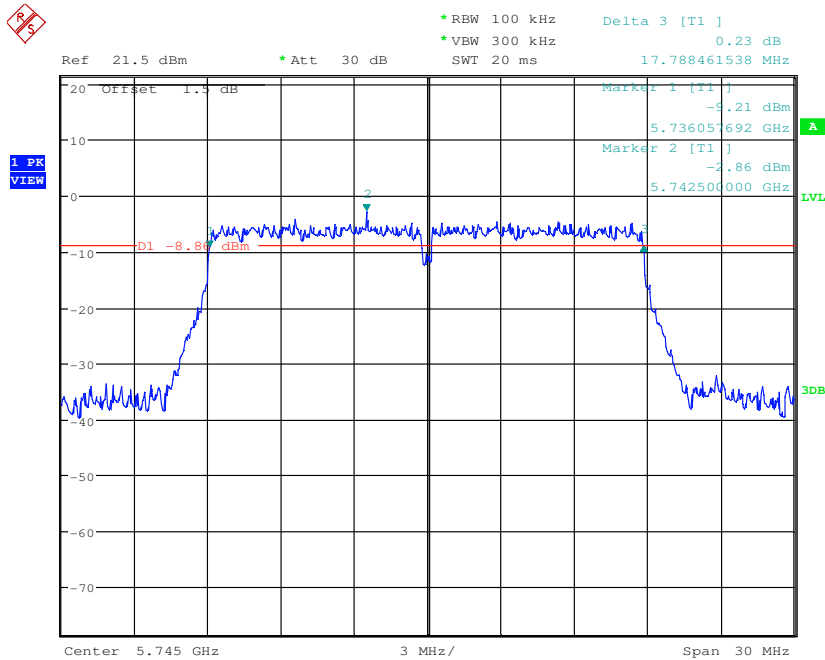
Report No.: SZEM150700437303

Page: 94 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5825 |
|------------|---------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5745 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

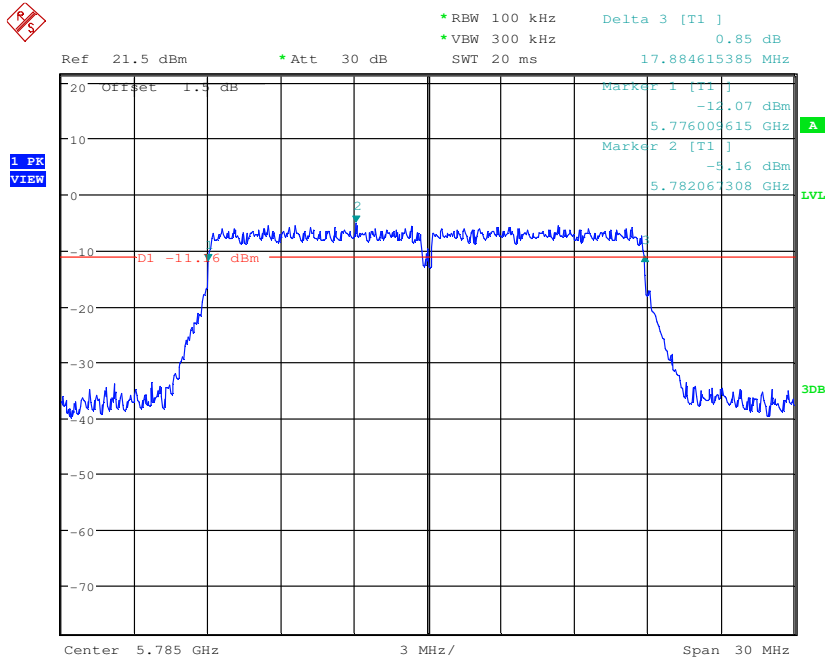


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

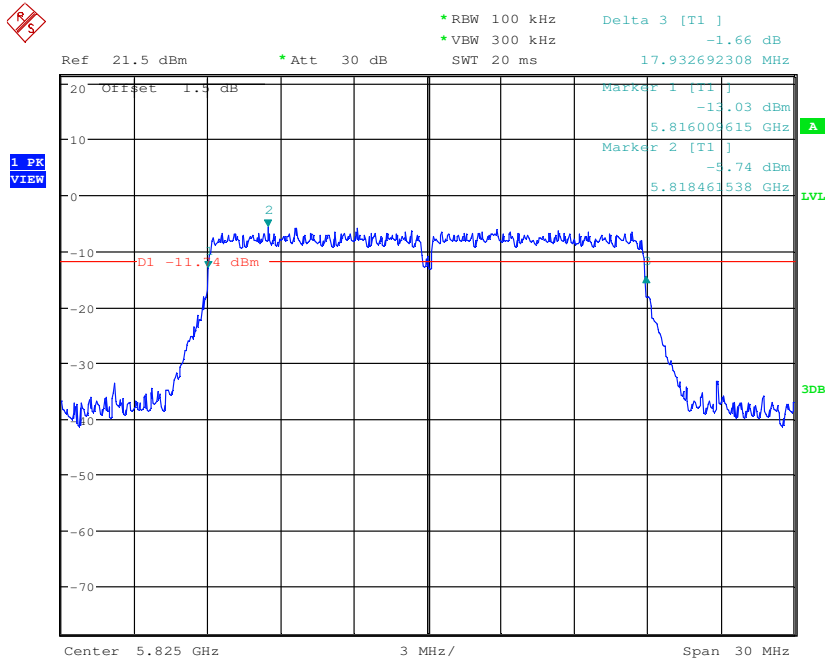
Report No.: SZEM150700437303

Page: 95 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5785 |
|------------|---------------|-----------------|------|



| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5825 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

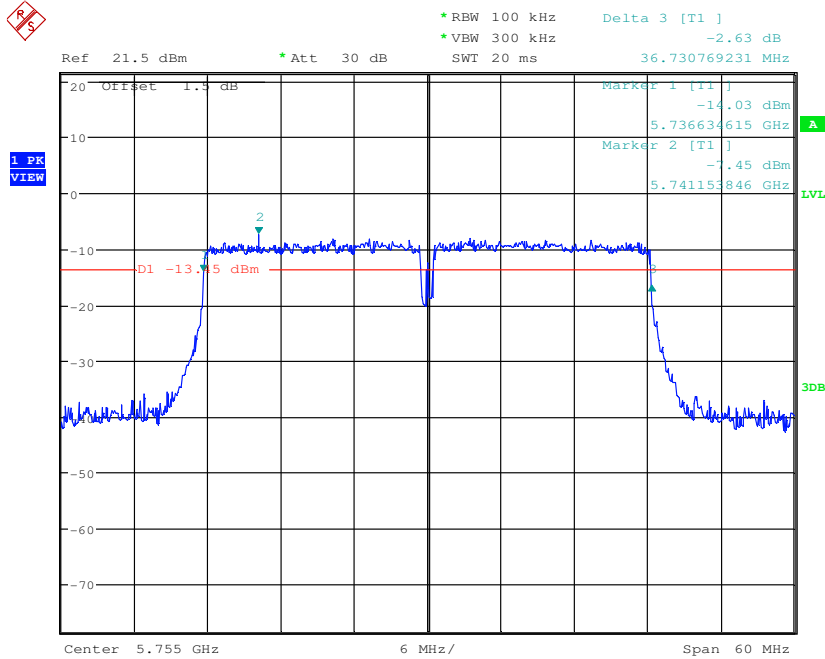


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

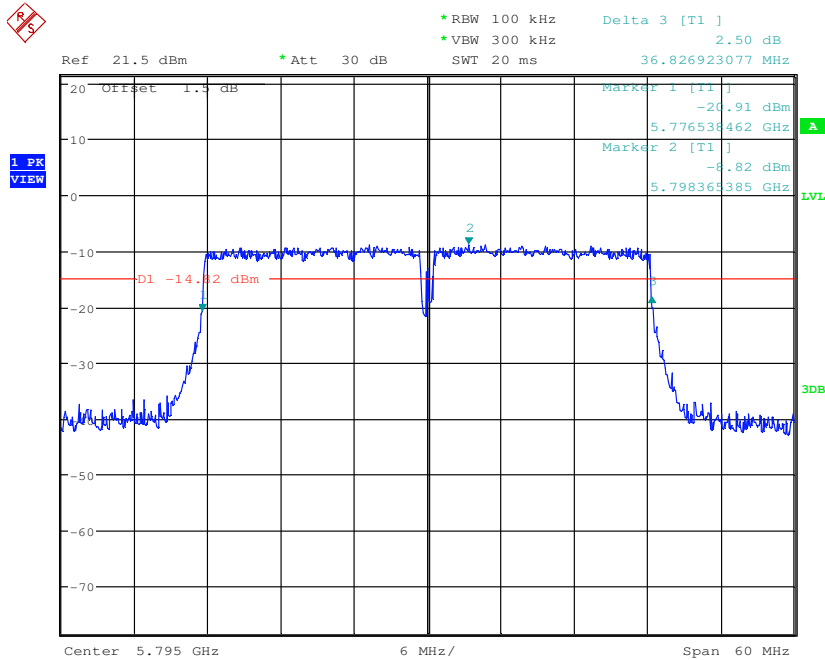
Report No.: SZEM150700437303

Page: 96 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5755 |
|------------|---------------|-----------------|------|

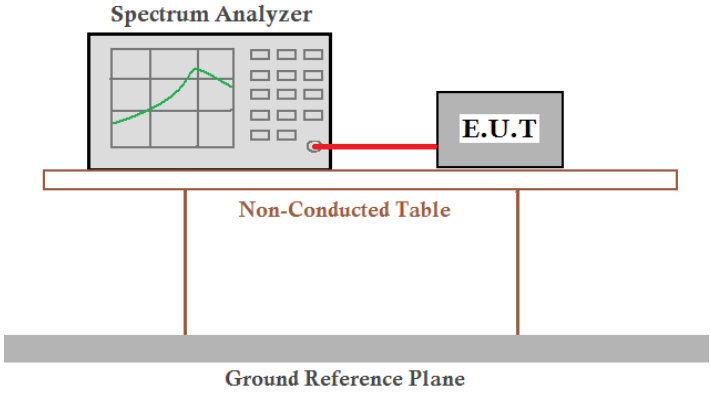


| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5795 |
|------------|---------------|-----------------|------|



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

6.6 Power Spectral Density

| | | |
|------------------------|--|---|
| Test Requirement: | 47 CFR Part 15 Section 15.407(a) | |
| Test Method: | ANSI C63.10: 2013 | |
| Test Setup: |  <p><i>Remark:</i> Offset the High-Frequency cable loss 1.5dB in the spectrum analyzer.</p> | |
| Test Instruments: | Refer to section 5.10 for details. | |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. | |
| Final Test Mode: | Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40). Only the worst case is recorded in the report. | |
| Limit: | Frequency Band | Limit |
| | 5150-5250MHz | The power spectral density less than 11dBm/1MHz |
| | 5250-5350MHz | The power spectral density less than 11dBm/1MHz |
| | 5470-5725MHz | The power spectral density less than 11dBm/1MHz |
| | 5725-5850MHz | The power spectral density less than 30dBm/500kHz |
| Test Results: | Pass | |



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

Report No.: SZEM150700437303

Page: 98 of 193

Measurement Data:

| 802.11a mode | | | | |
|-----------------|------------------------|---------------|---------------|--------|
| Frequency (MHz) | Power Spectral Density | | Limit | Result |
| | Antenna 0 | Antenna 1 | | |
| 5180 | 0.26dBm/1MHz | -0.01dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5200 | 0.28dBm/1MHz | 0.22 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5240 | 0.73dBm/1MHz | 0.45 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5260 | 0.84dBm/1MHz | 0.34 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5300 | 1.17dBm/1MHz | -0.20dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5320 | 1.24dBm/1MHz | -0.76dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5500 | 0.27dBm/1MHz | 0.11 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5600 | 0.61dBm/1MHz | 0.16 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5700 | 1.46dBm/1MHz | -1.89dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5745 | -1.89dBm/500kHz | -3.24dBm/1MHz | ≤30dBm/500kHz | Pass |
| 5785 | -2.89dBm/500kHz | -4.19dBm/1MHz | ≤30dBm/500kHz | Pass |
| 5825 | -3.77dBm/500kHz | -5.11dBm/1MHz | ≤30dBm/500kHz | Pass |

| 802.11n(HT20) mode | | | | |
|--------------------|------------------------|---------------|---------------|--------|
| Frequency (MHz) | Power Spectral Density | | Limit | Result |
| | Antenna 0 | Antenna 1 | | |
| 5180 | -1.51dBm/1MHz | -2.79dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5200 | -1.59dBm/1MHz | -2.30dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5240 | -1.23dBm/1MHz | -1.51dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5260 | 0.56dBm/1MHz | -2.23dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5300 | 0.09dBm/1MHz | -2.72dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5320 | 0.11dBm/1MHz | -2.95dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5500 | -1.51dBm/1MHz | -1.30dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5600 | -1.13dBm/1MHz | -1.28dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5700 | -0.35dBm/1MHz | -3.16dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5745 | -2.88dBm/500kHz | -5.58dBm/1MHz | ≤30dBm/500kHz | Pass |
| 5785 | -4.19dBm/500kHz | -6.70dBm/1MHz | ≤30dBm/500kHz | Pass |
| 5825 | -4.89dBm/500kHz | -7.85dBm/1MHz | ≤30dBm/500kHz | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 99 of 193

| 802.11n(HT40) mode | | | | |
|--------------------|------------------------|----------------|---------------|--------|
| Frequency (MHz) | Power Spectral Density | | Limit | Result |
| | Antenna 0 | Antenna 1 | | |
| 5190 | -4.43dBm/1MHz | -5.05 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5230 | -4.40dBm/1MHz | -4.89 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5270 | -3.10dBm/1MHz | -5.48 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5310 | -2.42dBm/1MHz | -5.96 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5510 | -4.09dBm/1MHz | -4.35 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5590 | -4.23dBm/1MHz | -4.22 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5670 | -3.16dBm/1MHz | -5.44 dBm/1MHz | ≤11dBm/1MHz | Pass |
| 5755 | -6.28dBm/500kHz | -8.88 dBm/1MHz | ≤30dBm/500kHz | Pass |
| 5795 | -6.92dBm/500kHz | -9.85 dBm/1MHz | ≤30dBm/500kHz | Pass |



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

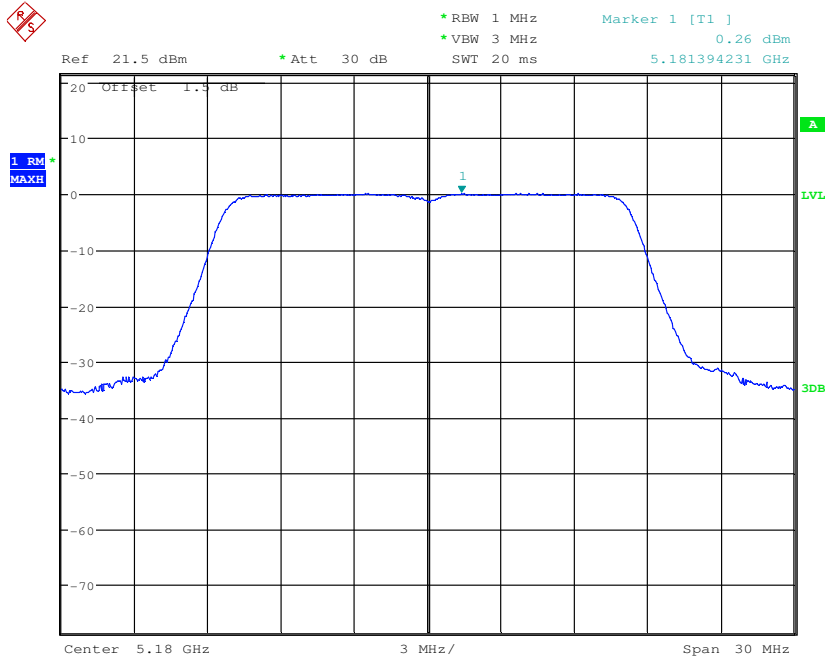
Report No.: SZEM150700437303

Page: 100 of 193

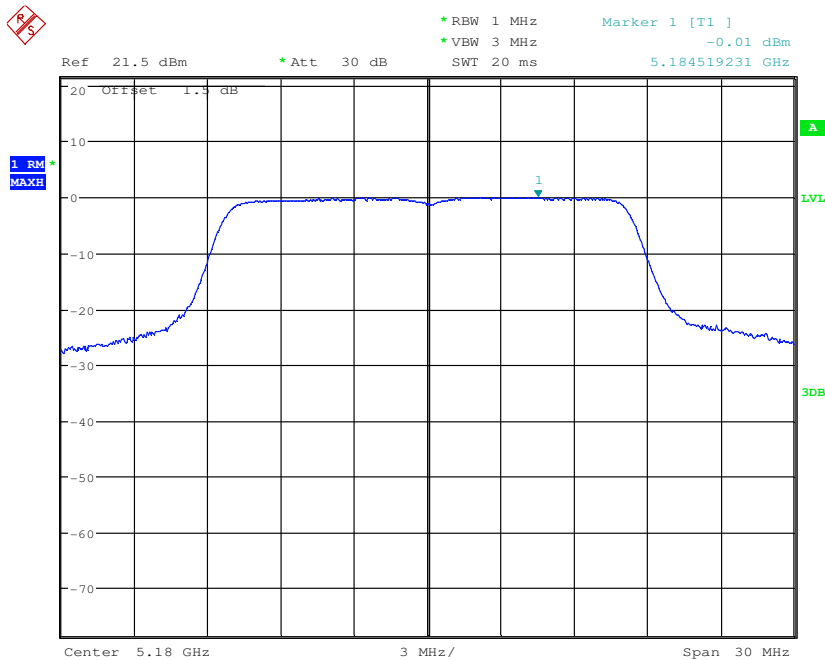
Test plot as follows:

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5180 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



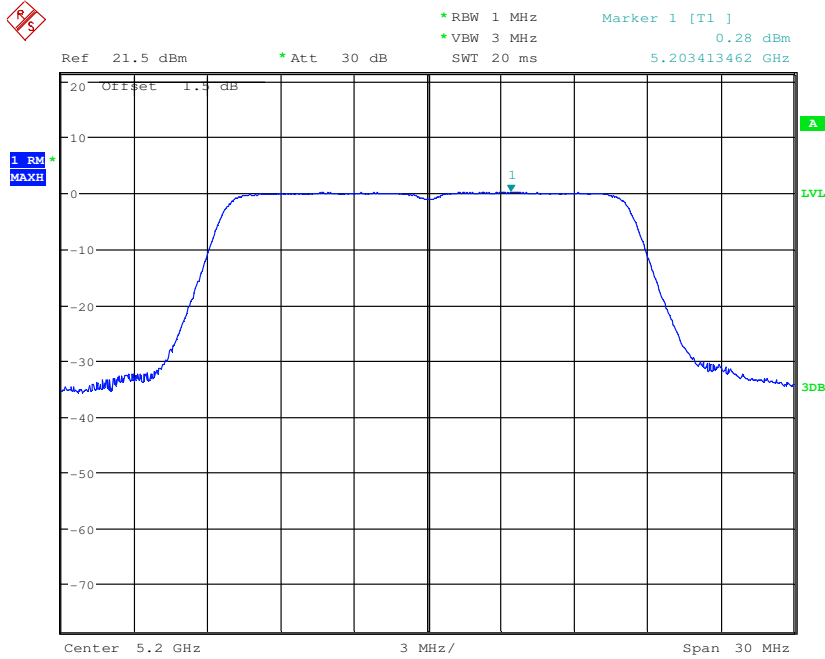
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

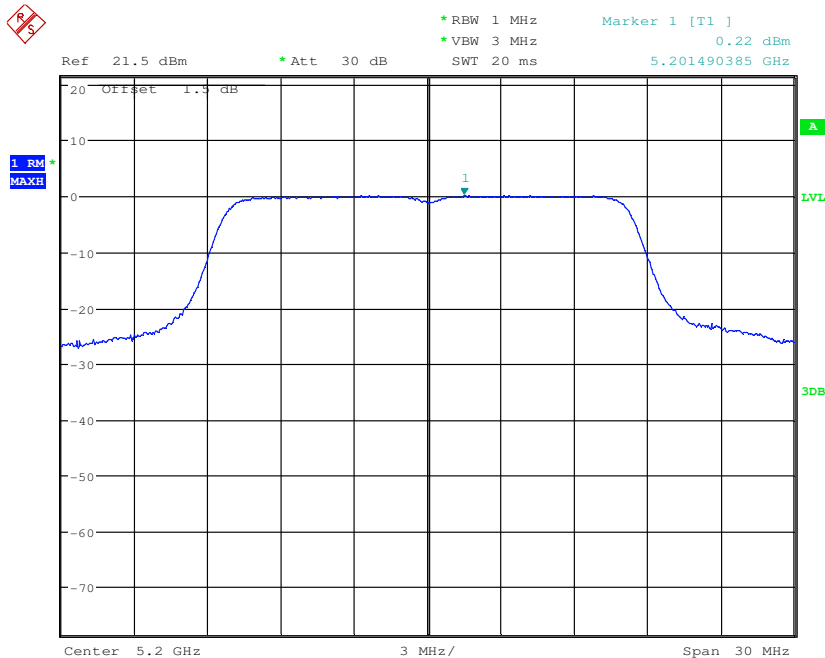
Page: 101 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5200 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



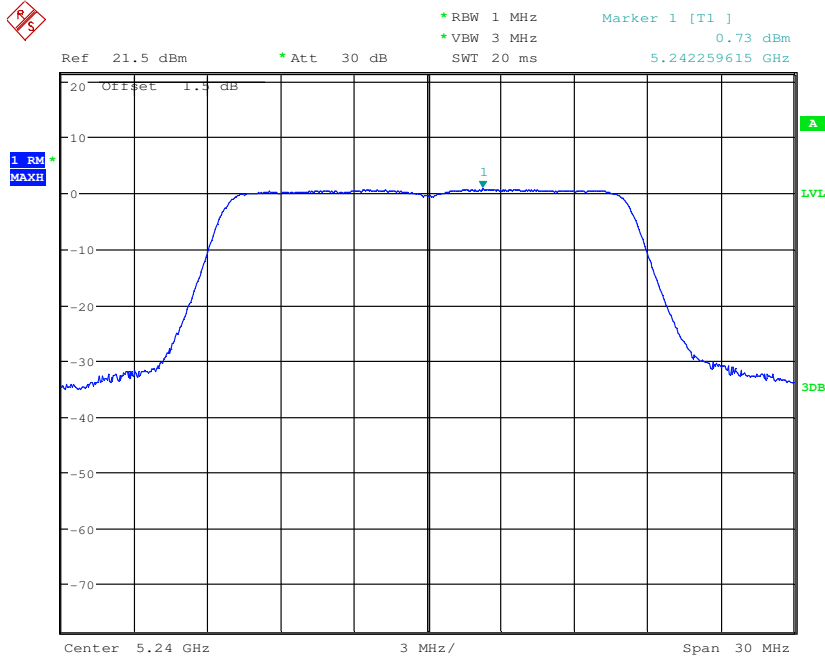
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

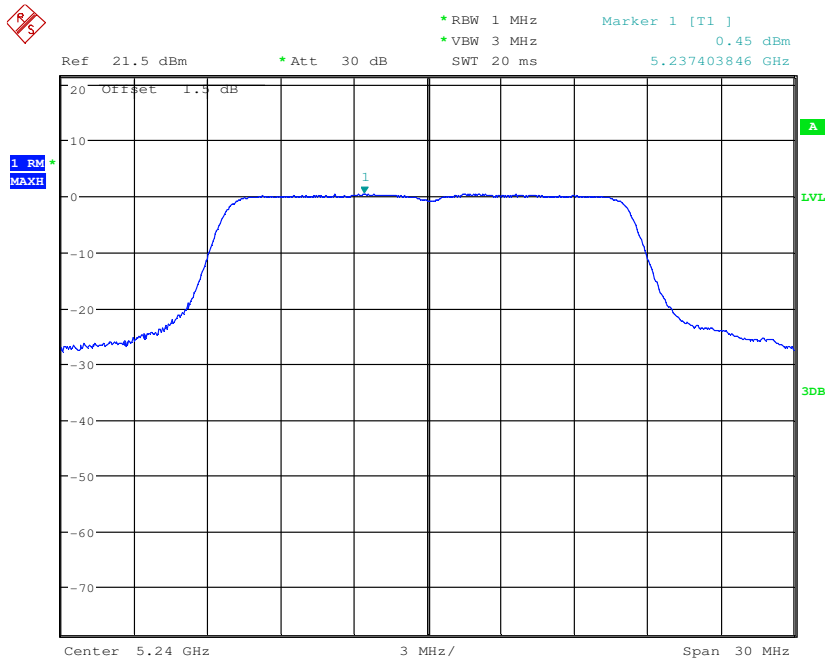
Page: 102 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5240 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



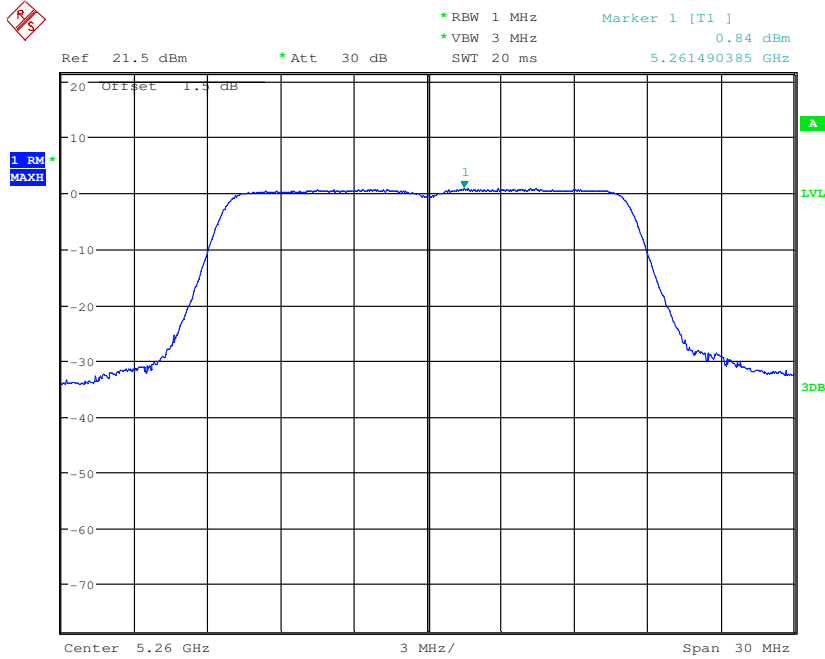
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

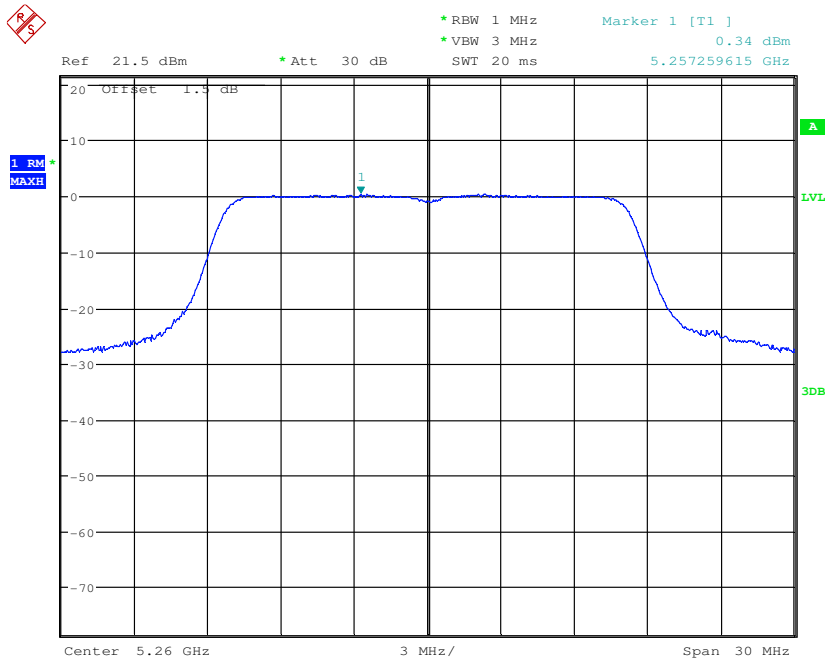
Page: 103 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5260 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



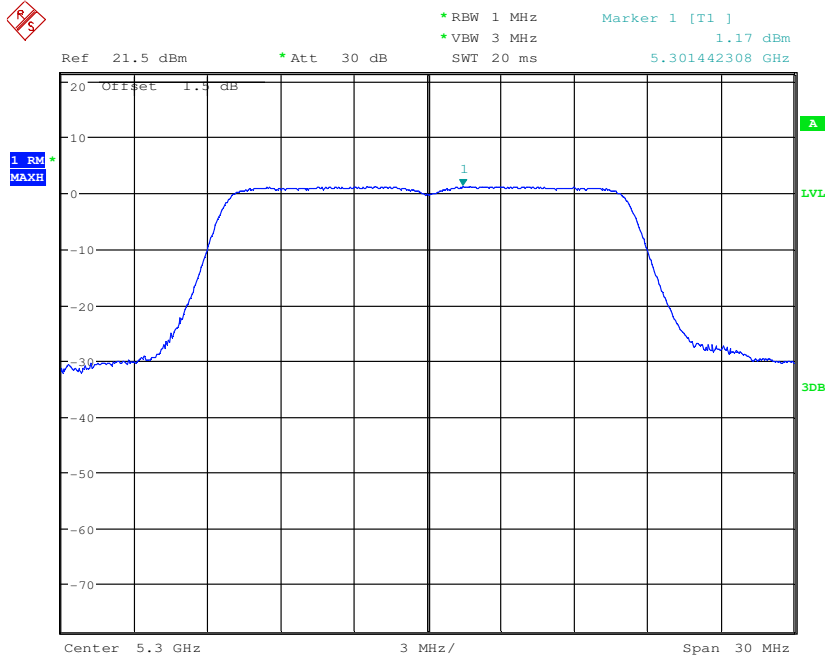
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

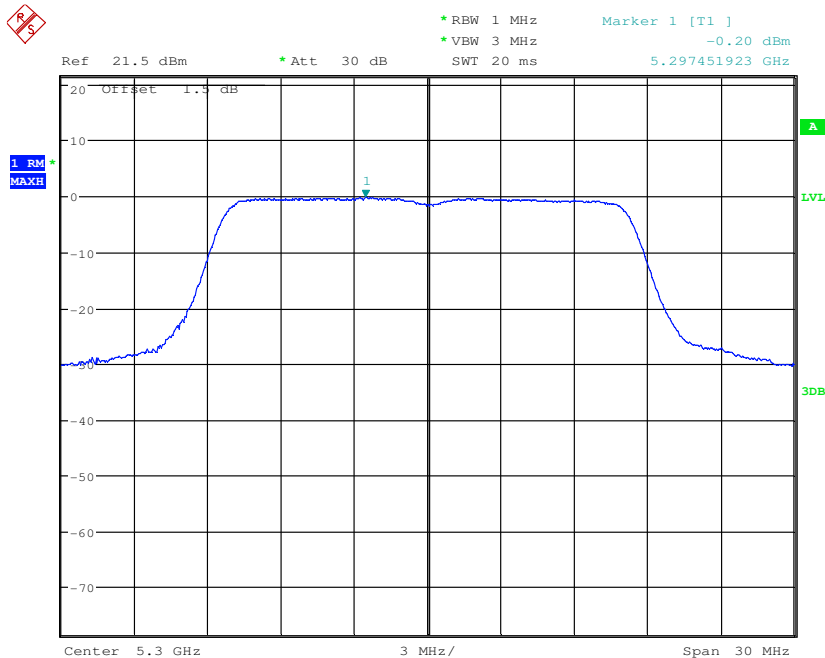
Page: 104 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5300 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



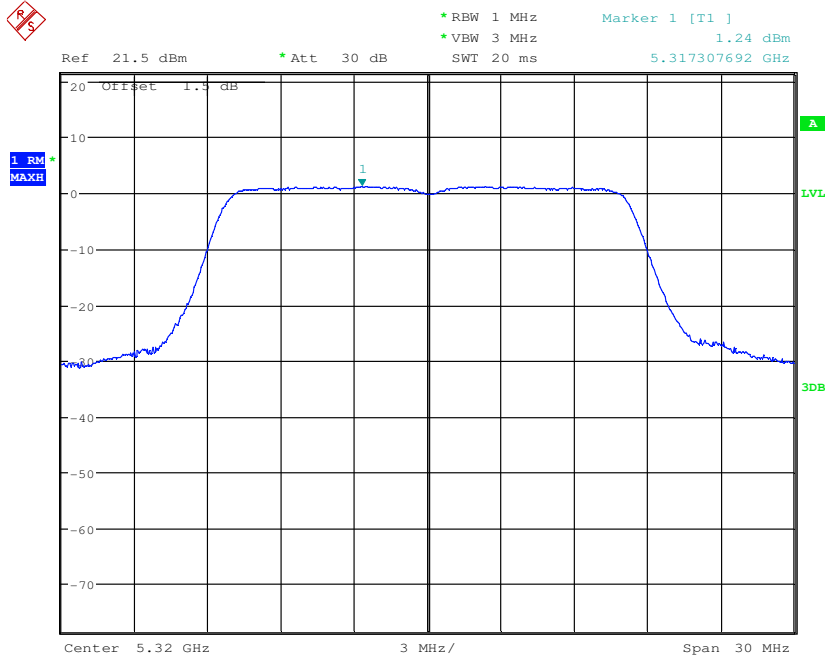
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

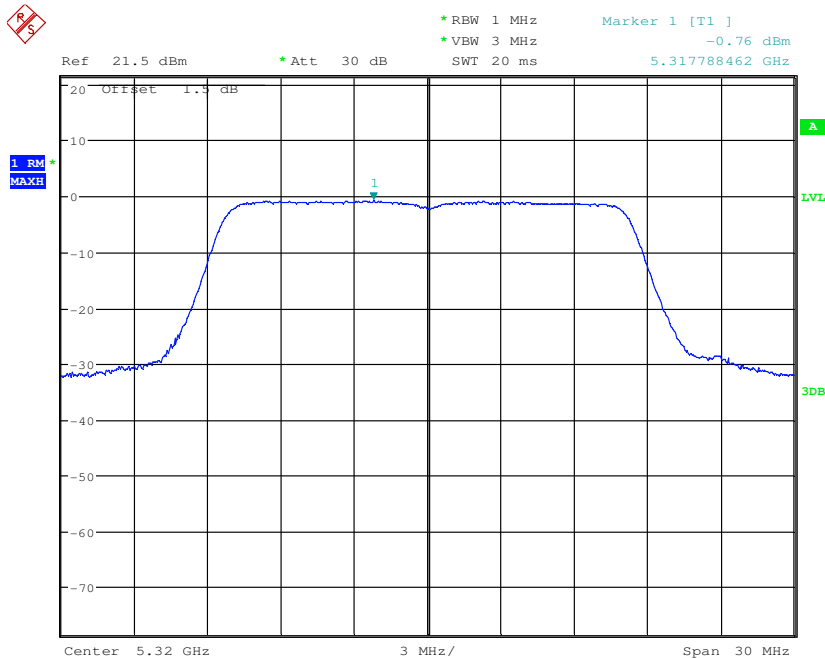
Page: 105 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5320 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



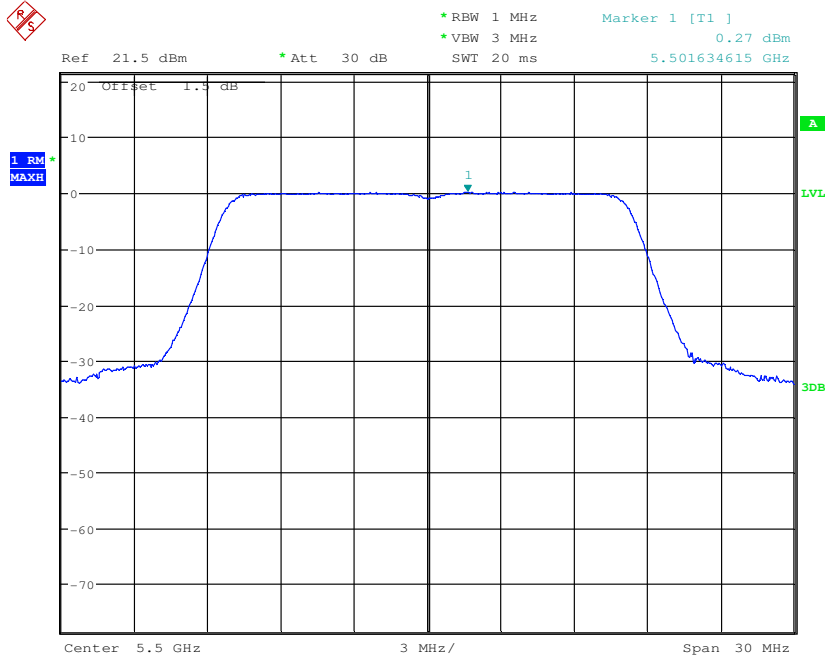
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

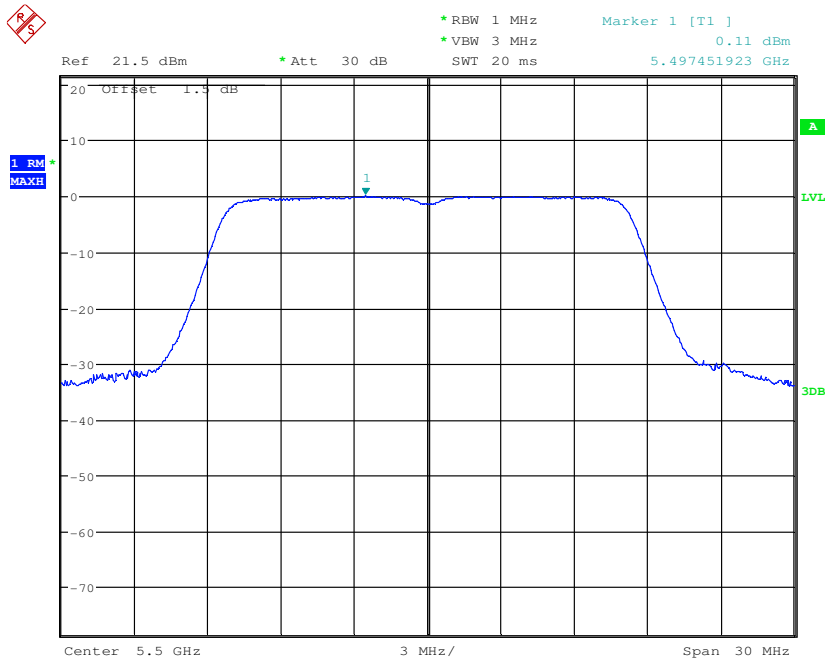
Page: 106 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5500 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1

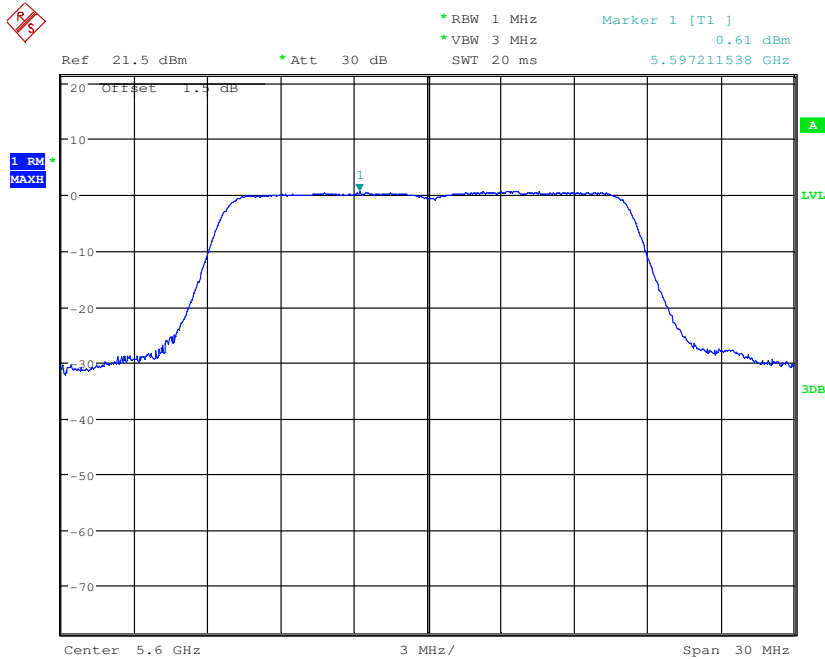


"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

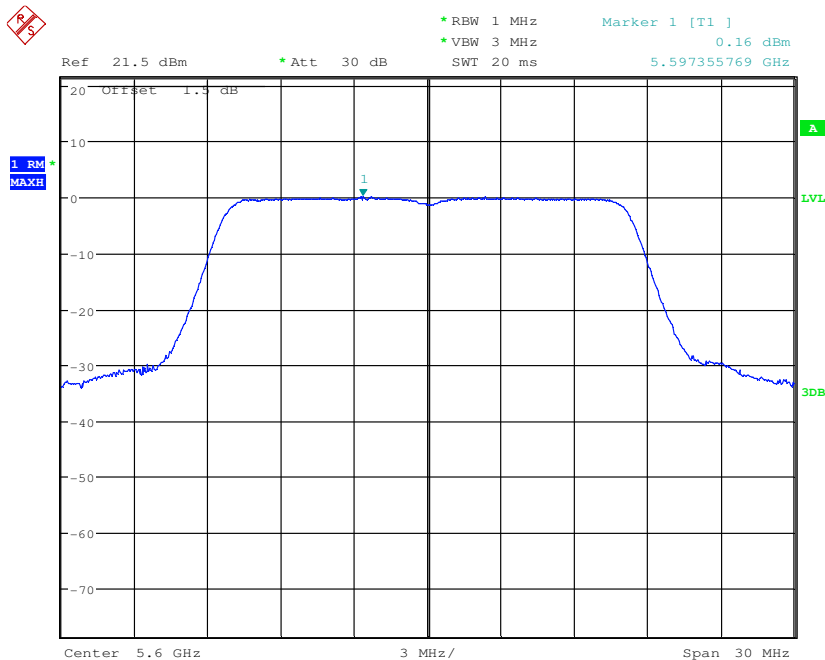


| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5600 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



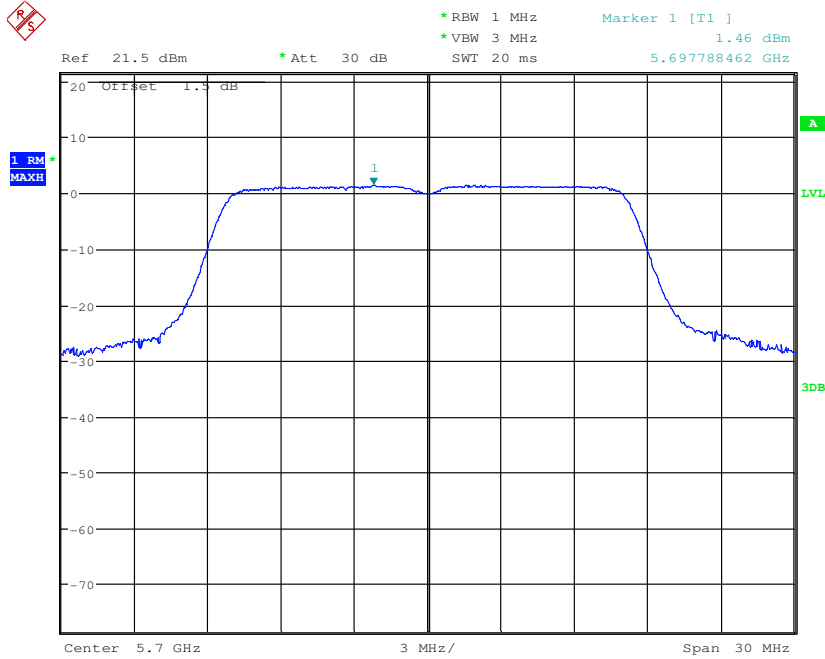
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

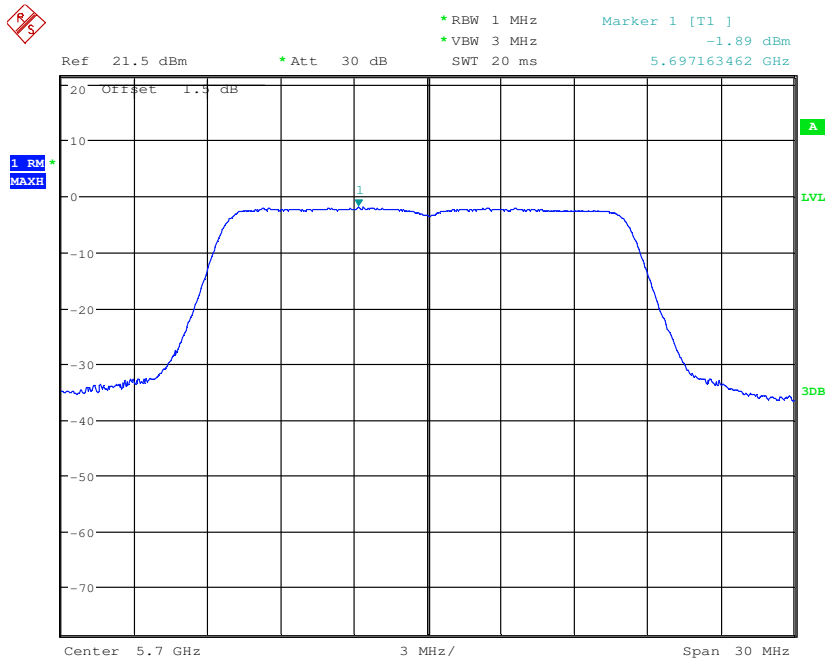
Page: 108 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5700 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



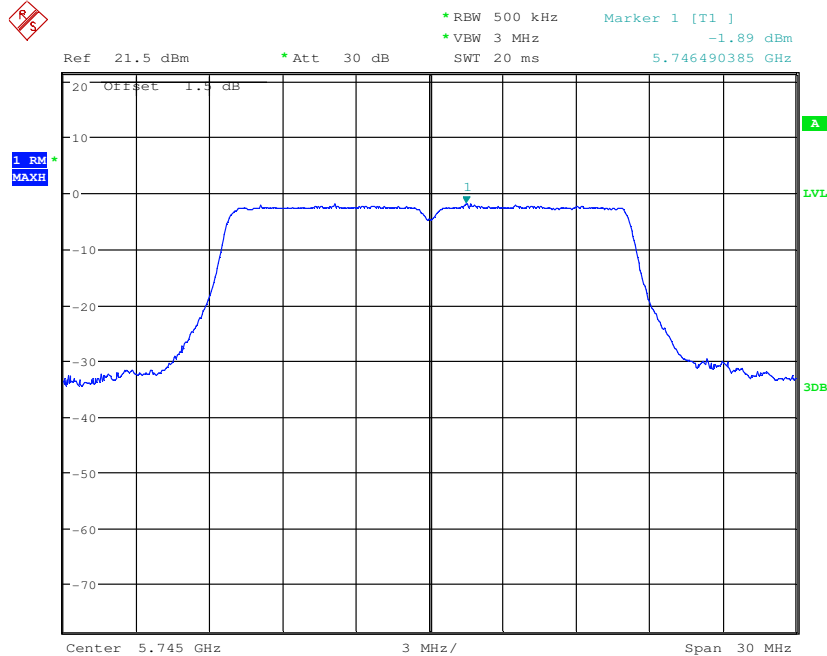
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

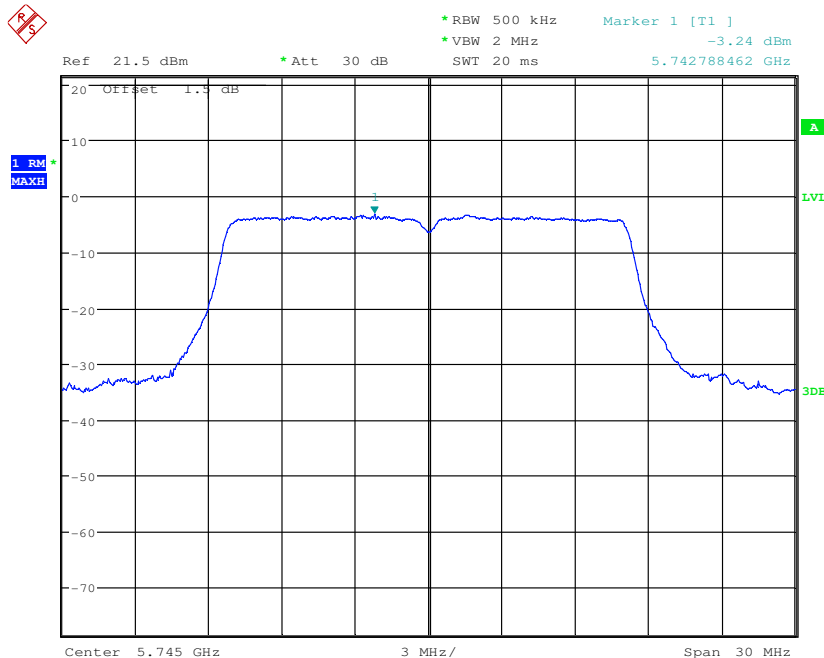
Page: 109 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5745 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



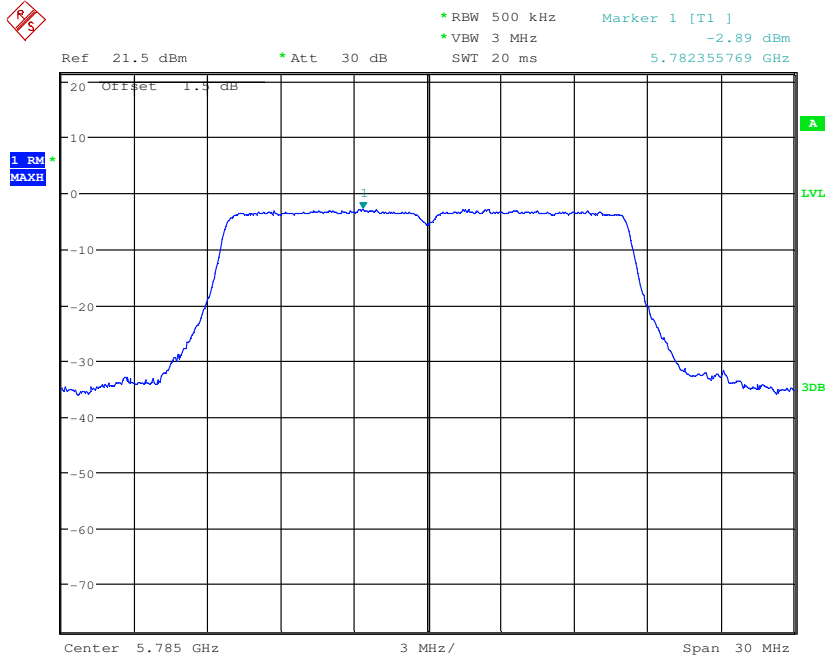
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

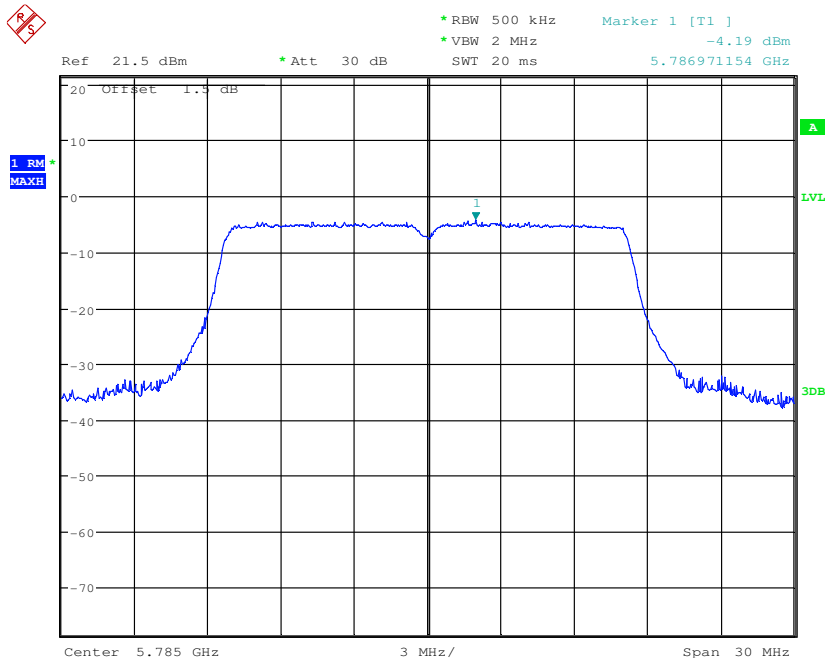
Page: 110 of 193

| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5785 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1

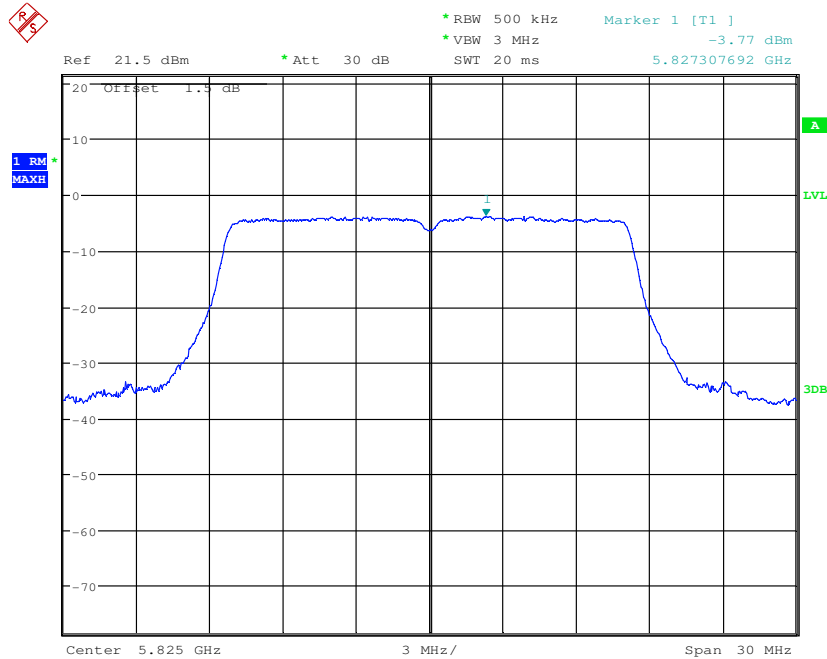


"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

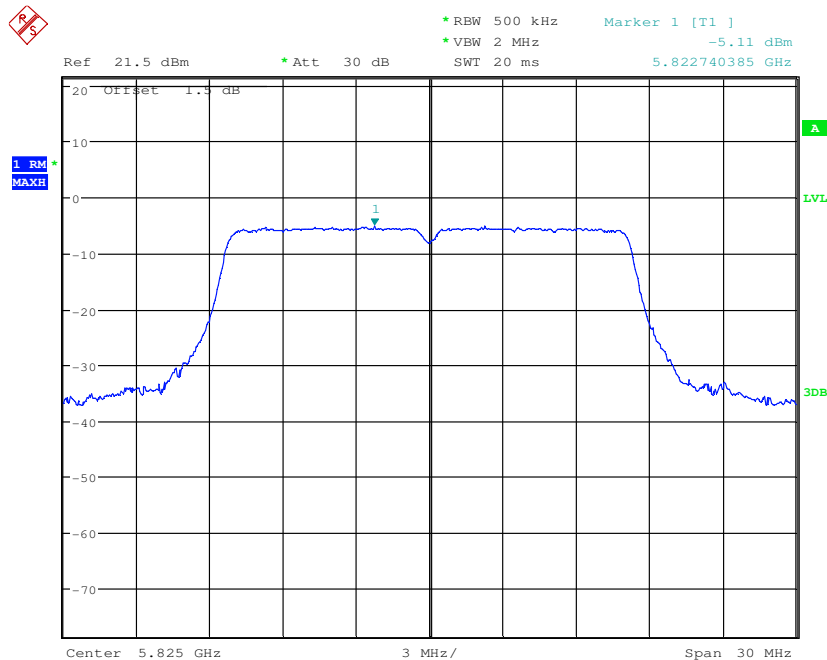


| | | | |
|------------|---------|-----------------|------|
| Test mode: | 802.11a | Frequency(MHz): | 5825 |
|------------|---------|-----------------|------|

Antenna 0



Antenna 1





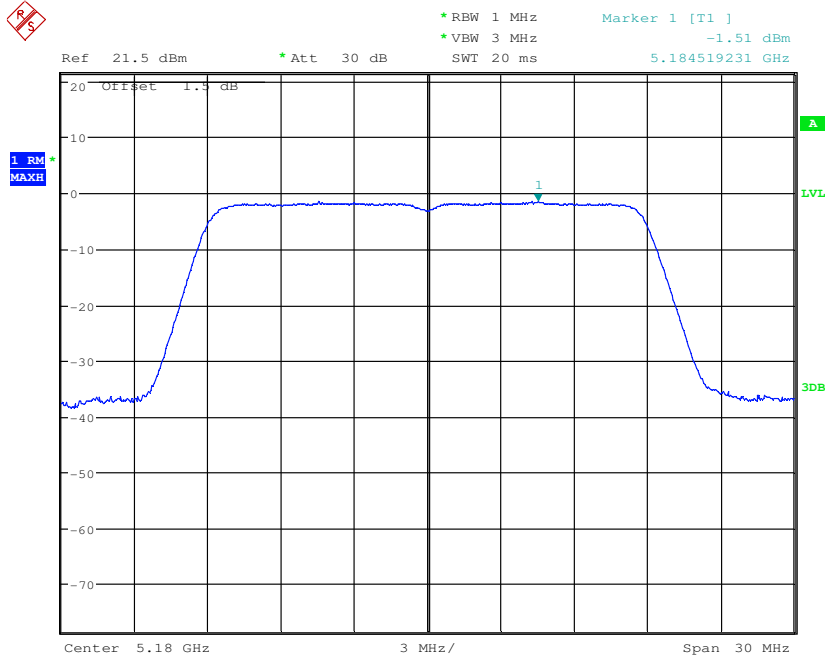
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

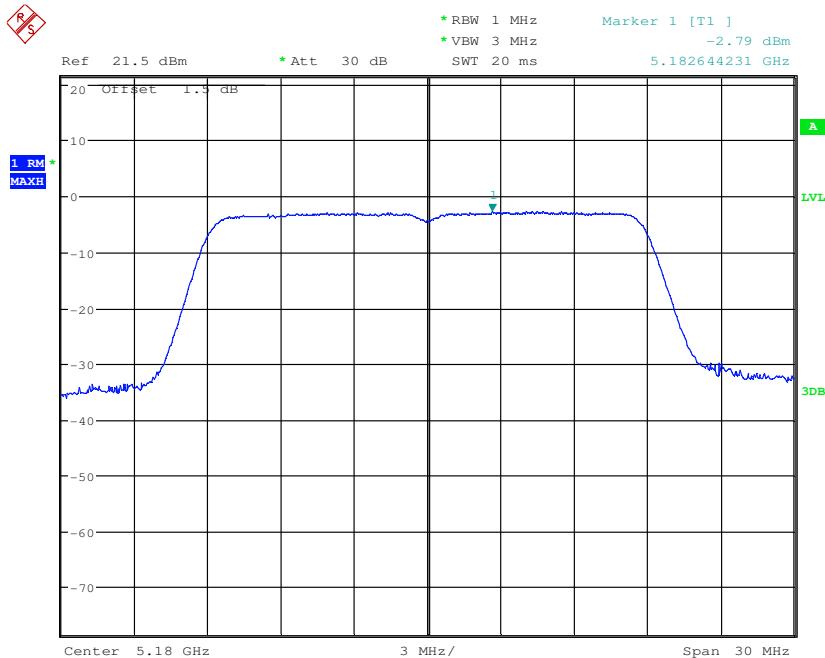
Page: 112 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



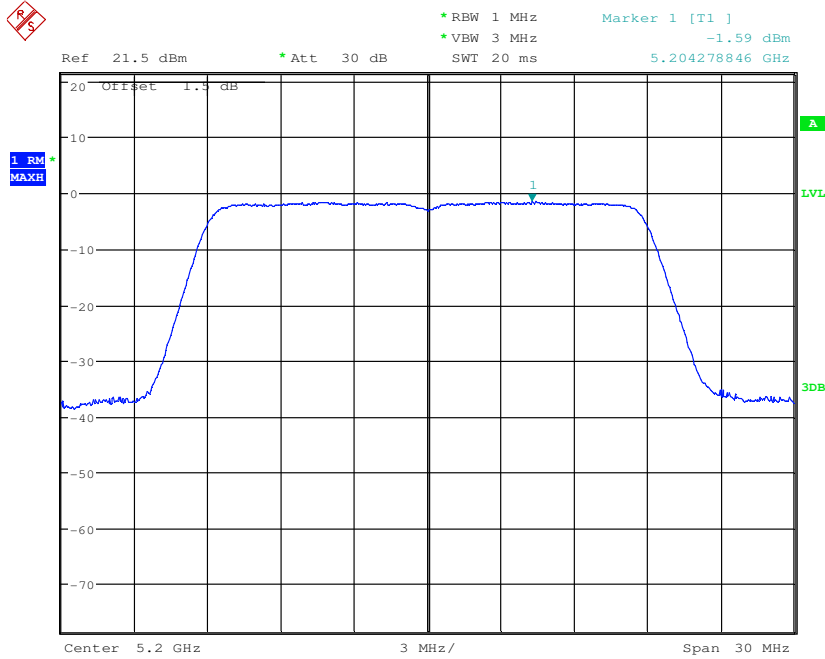
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

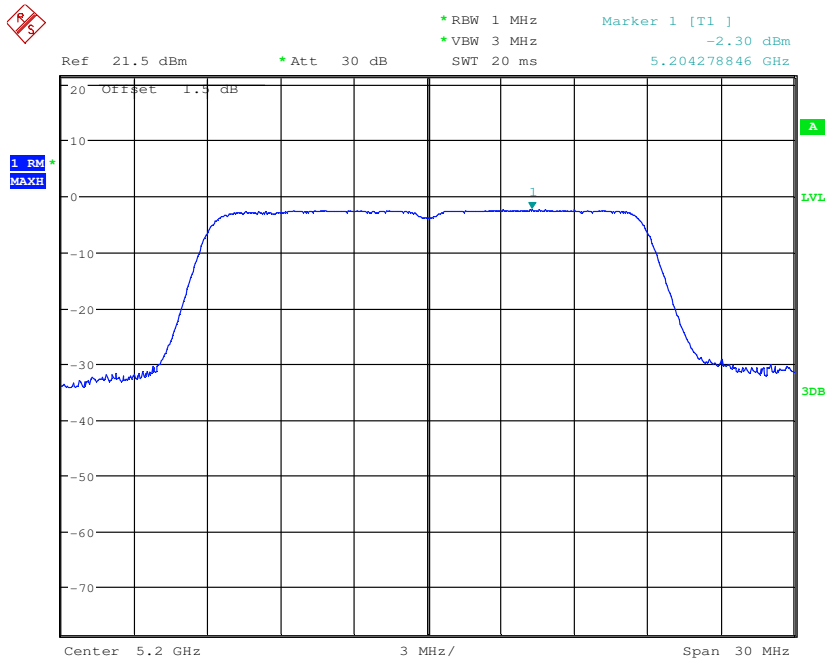
Page: 113 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5200 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



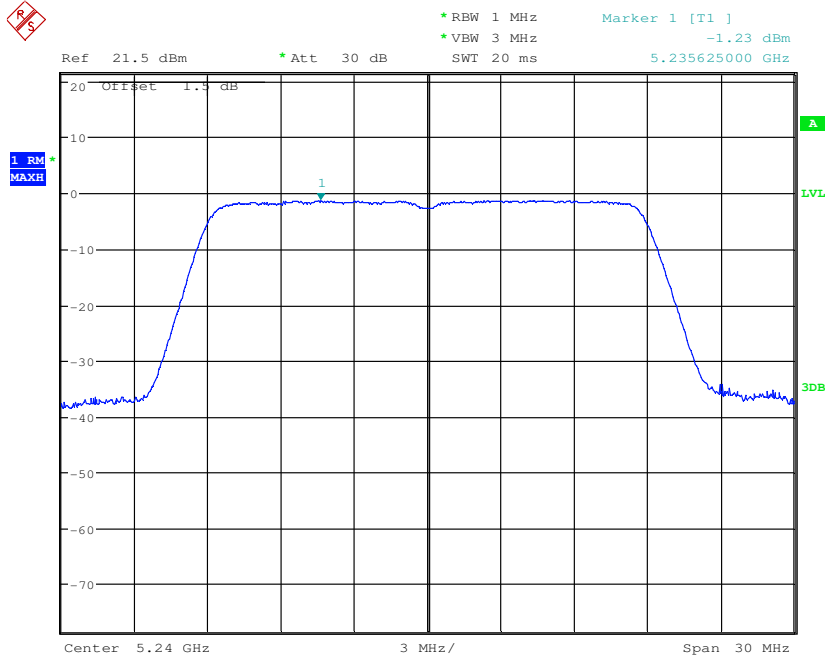
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

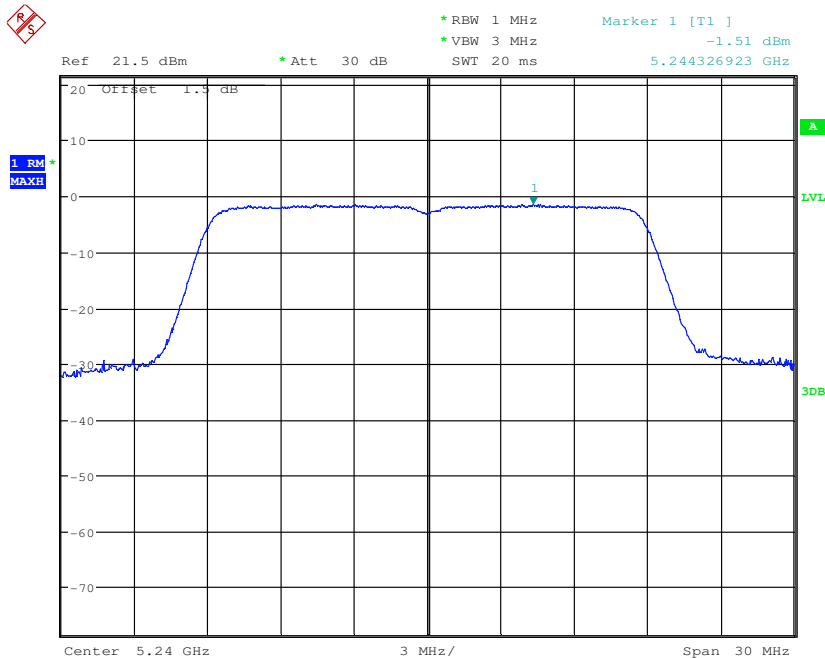
Page: 114 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



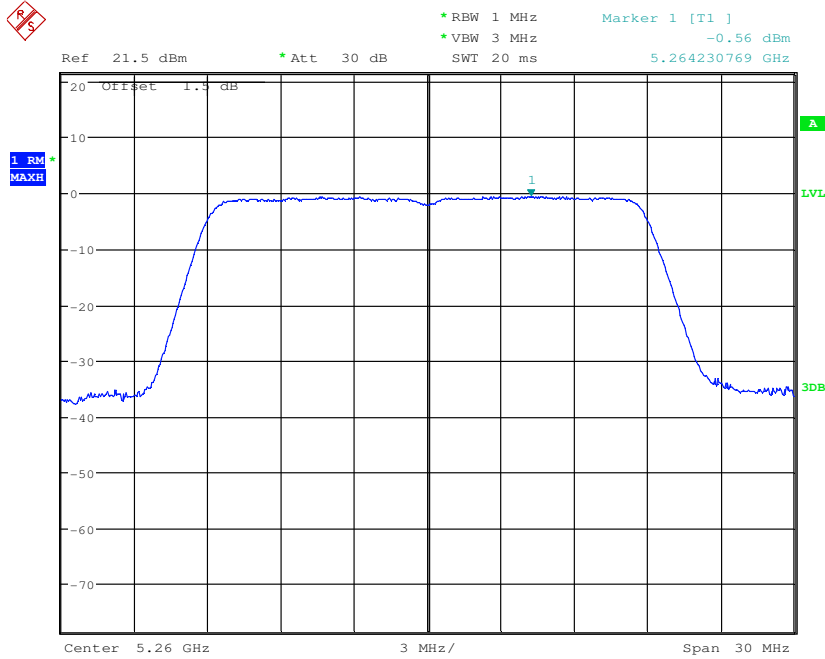
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

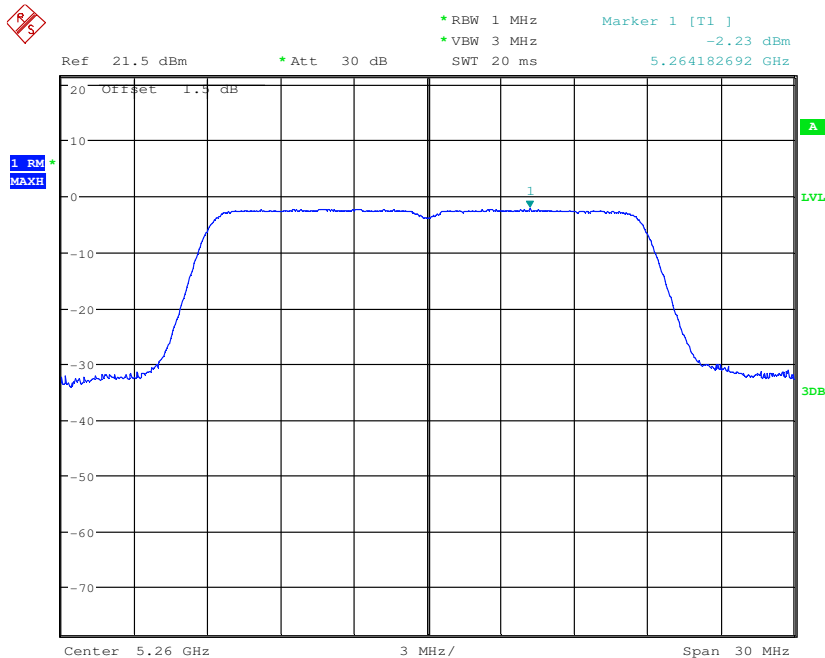
Page: 115 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5260 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



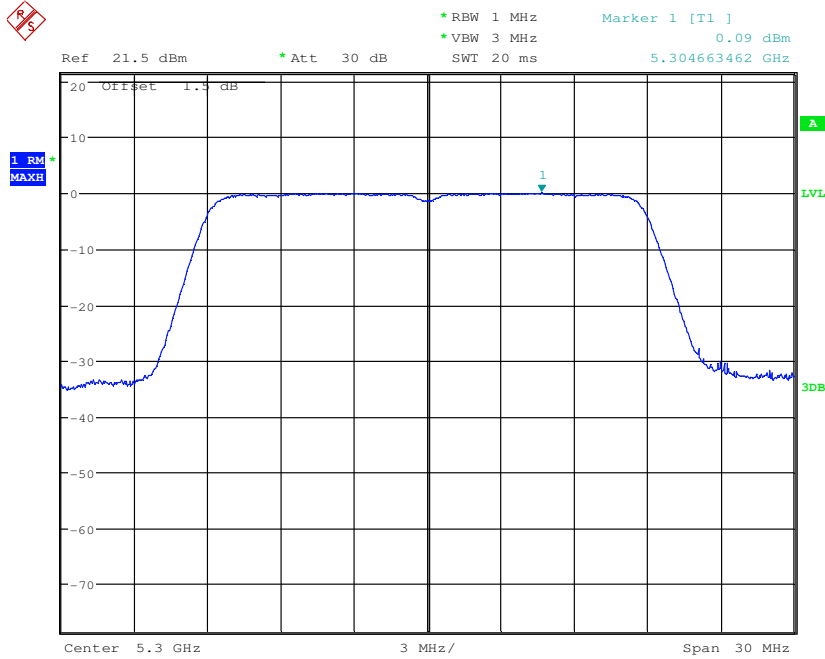
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

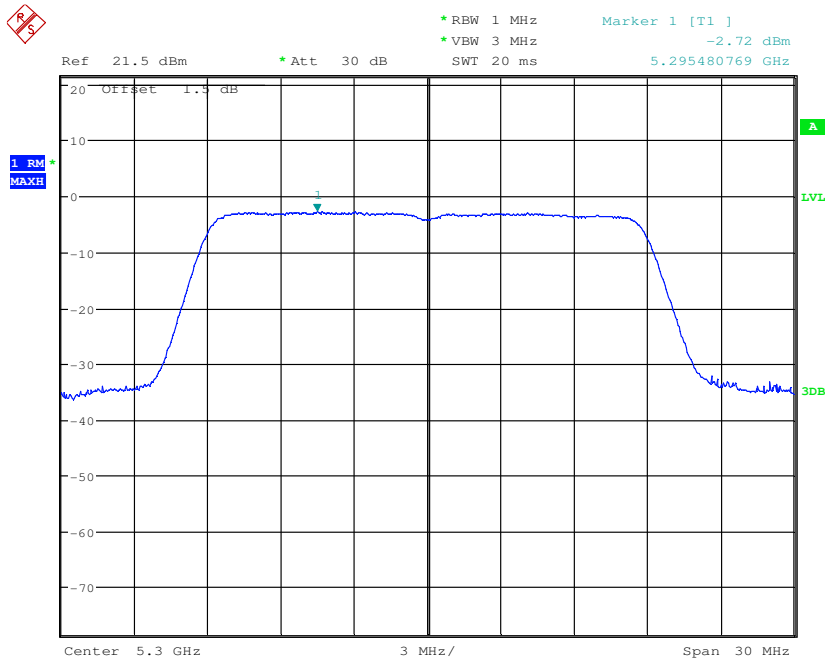
Page: 116 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5300 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



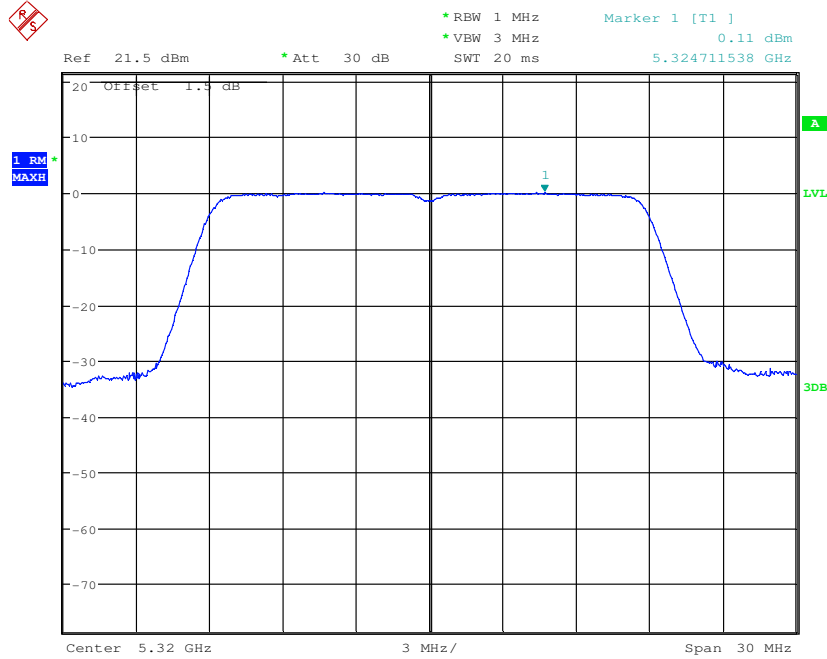
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

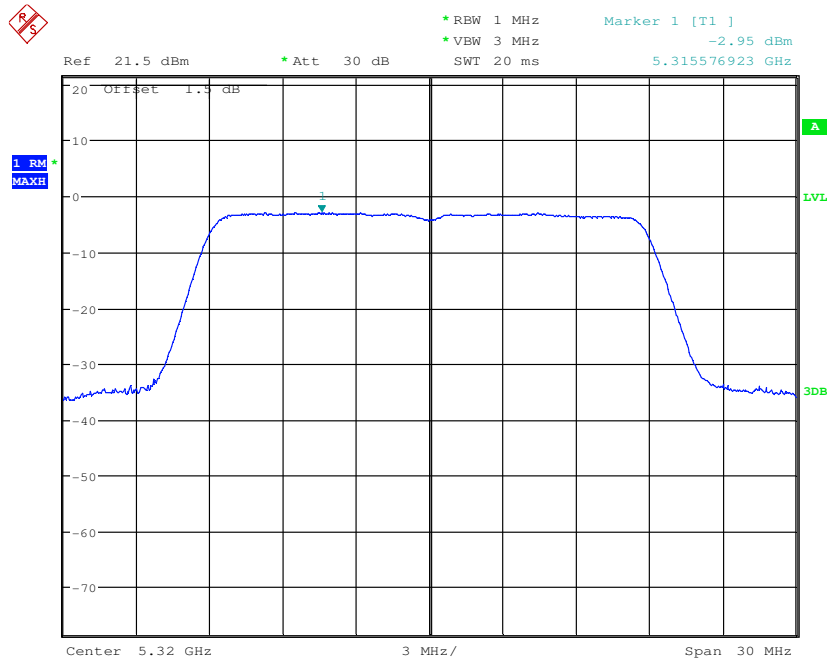
Page: 117 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5320 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



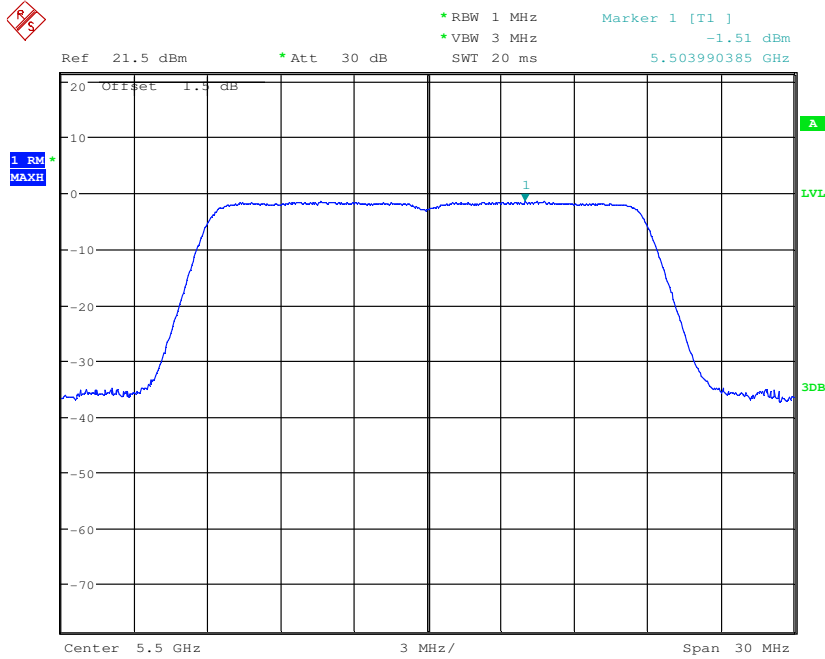
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

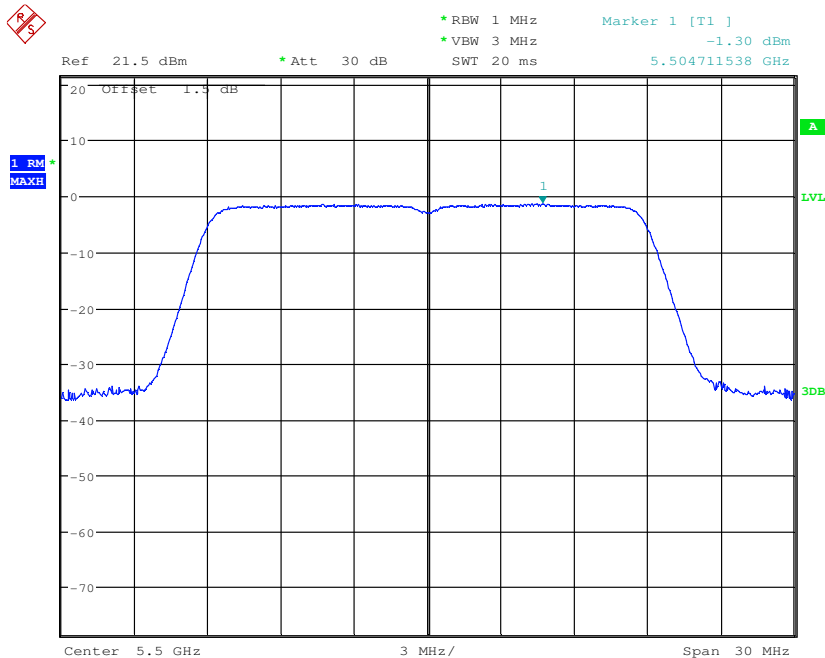
Page: 118 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5500 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



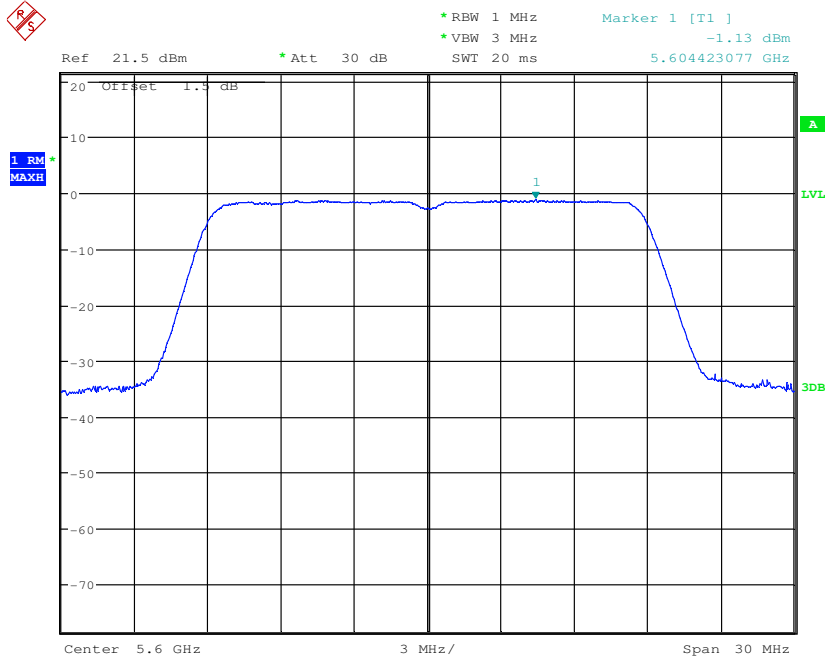
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

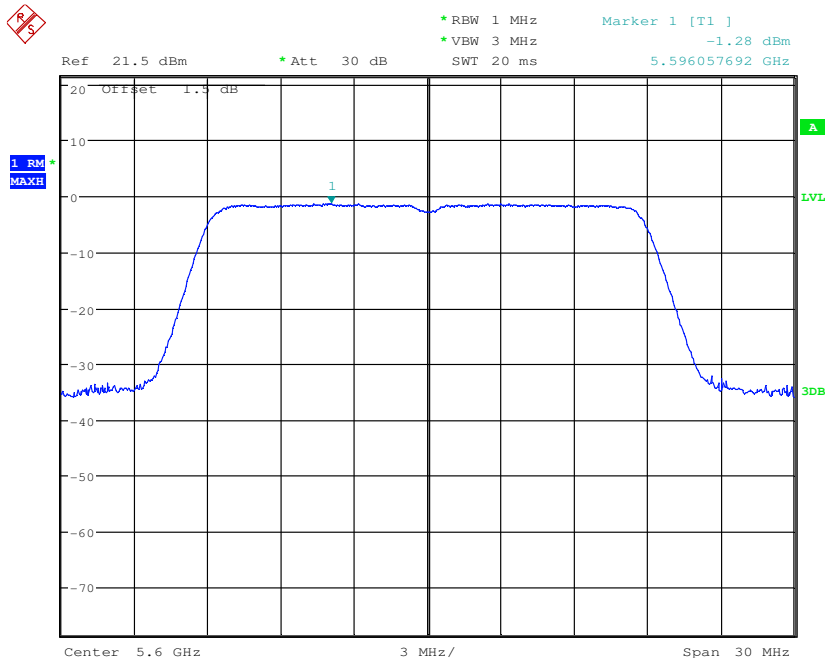
Page: 119 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5600 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



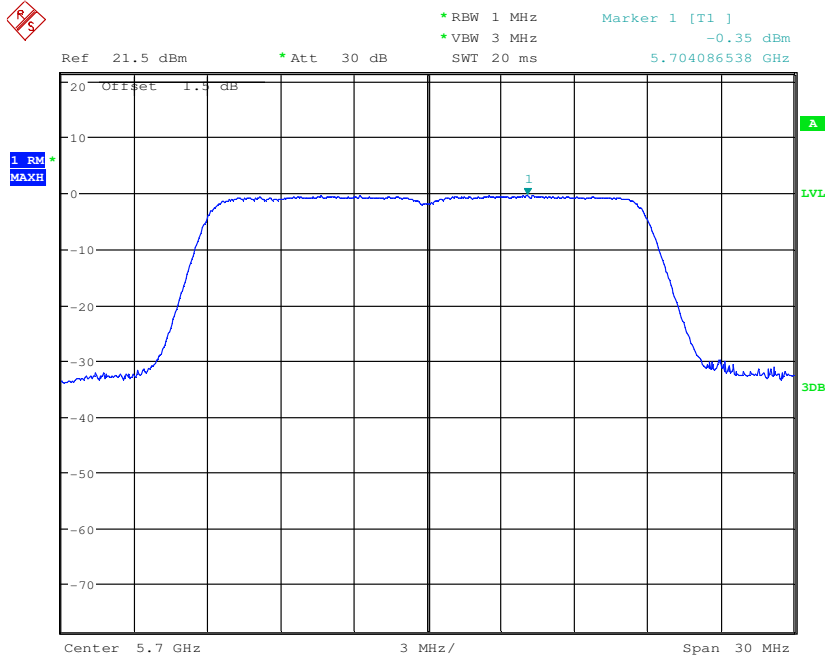
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

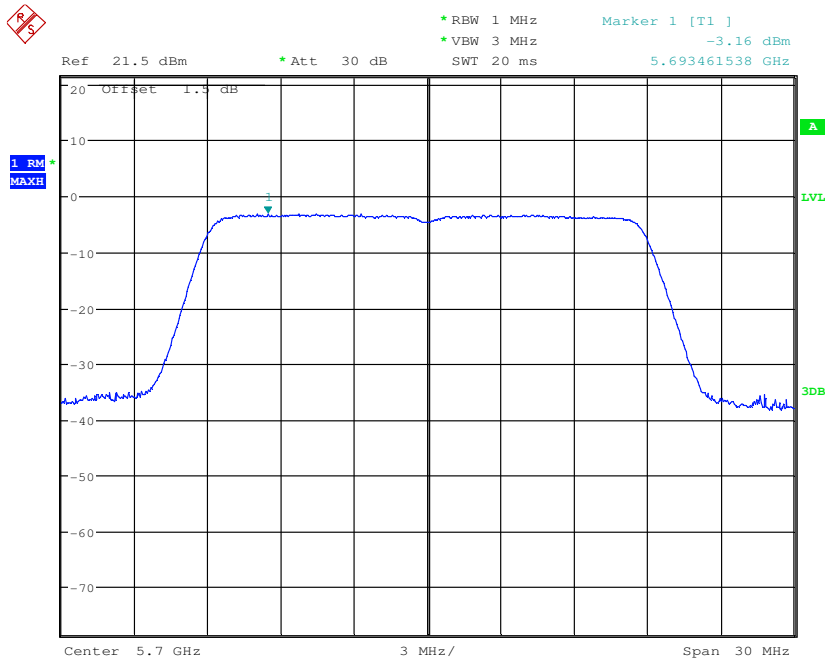
Page: 120 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5700 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



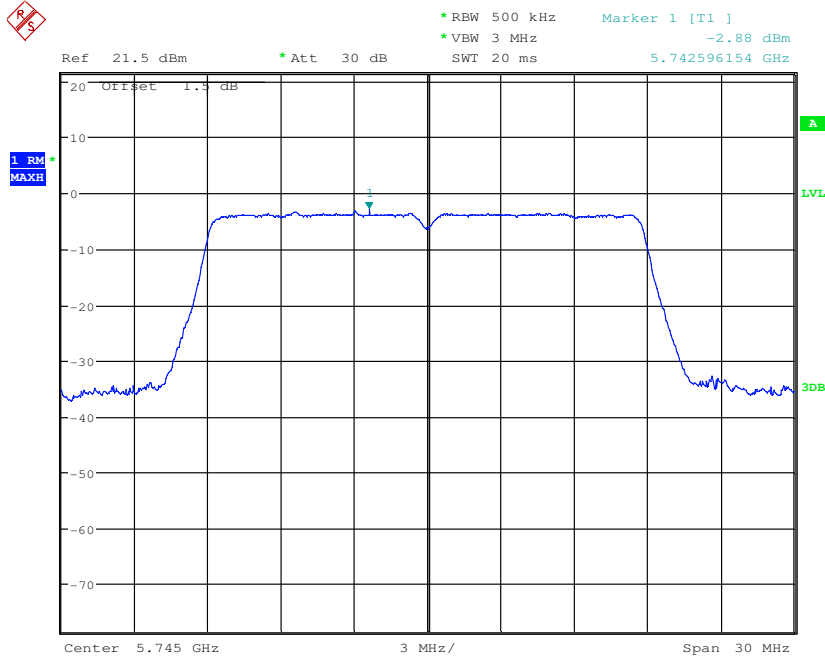
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

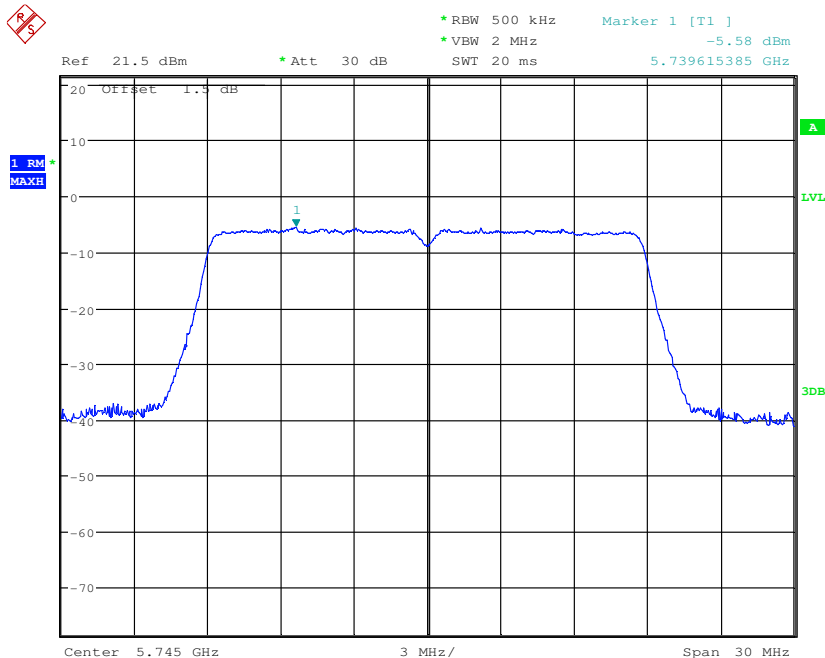
Page: 121 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5745 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



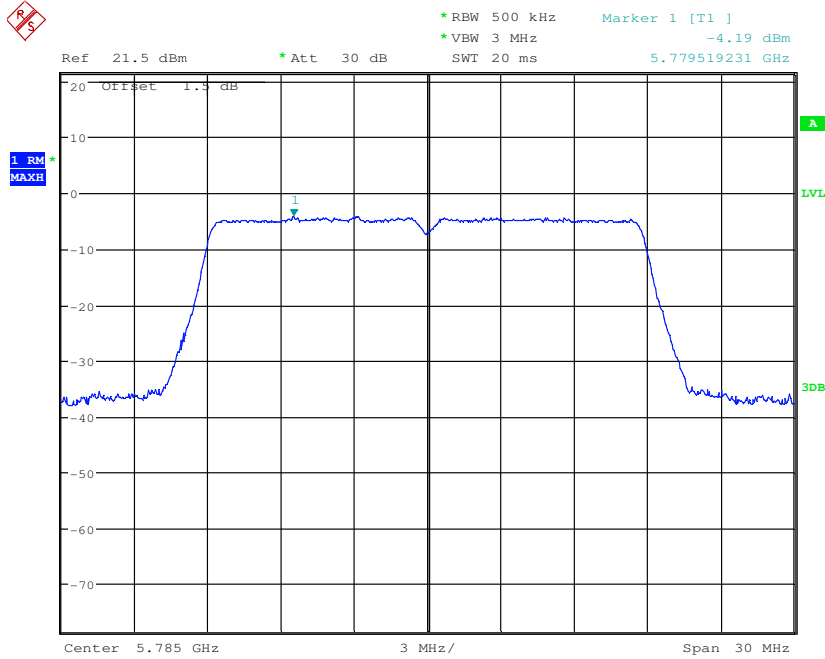
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

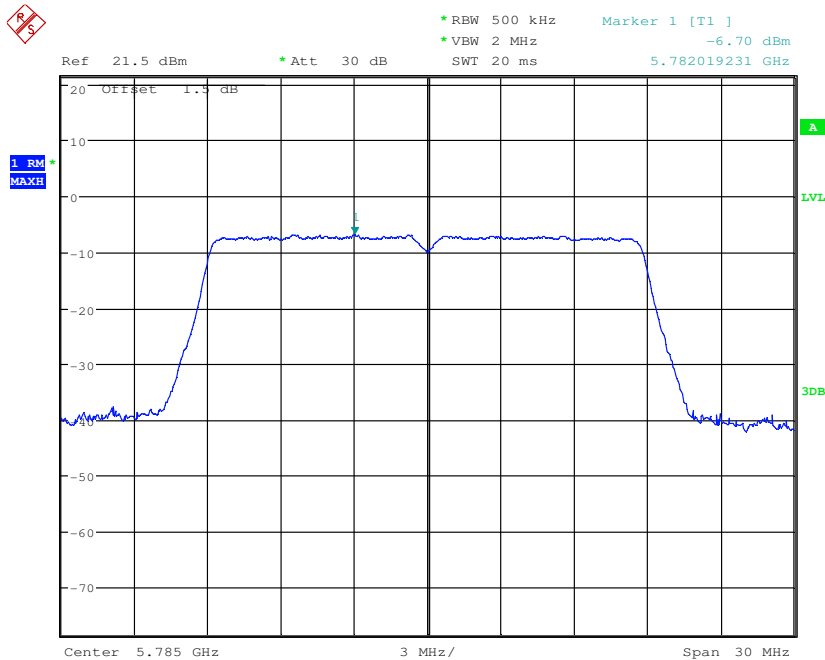
Page: 122 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5785 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

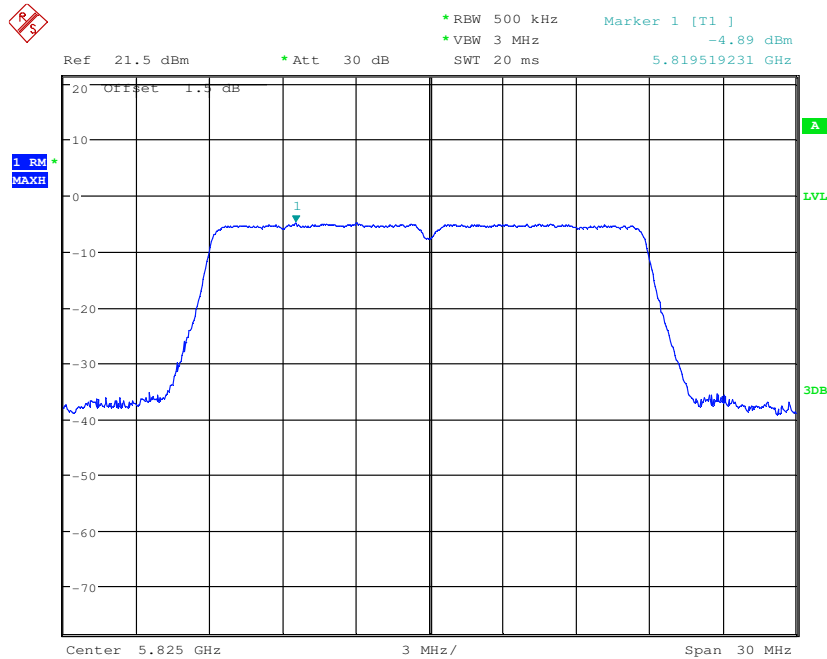


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

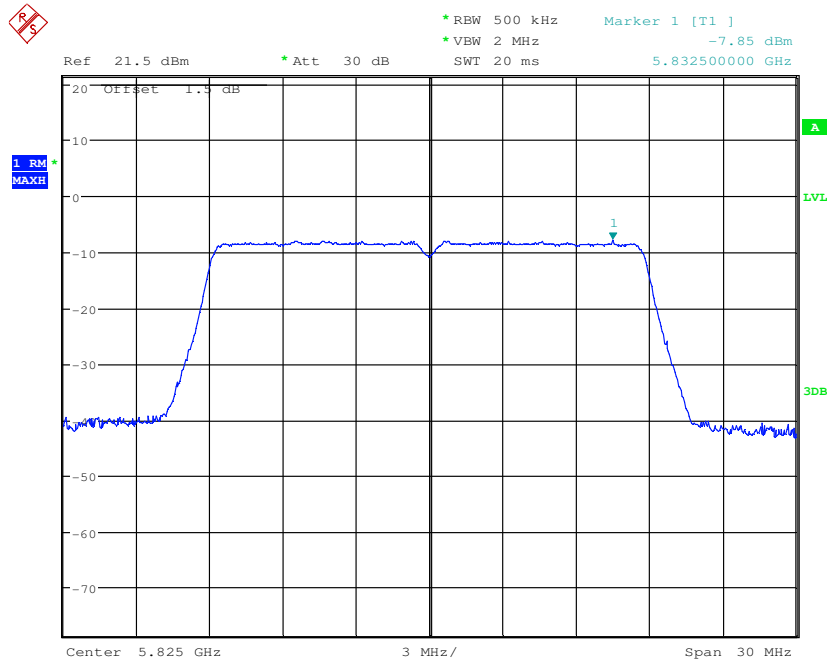
Report No.: SZEM150700437303
Page: 123 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5825 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



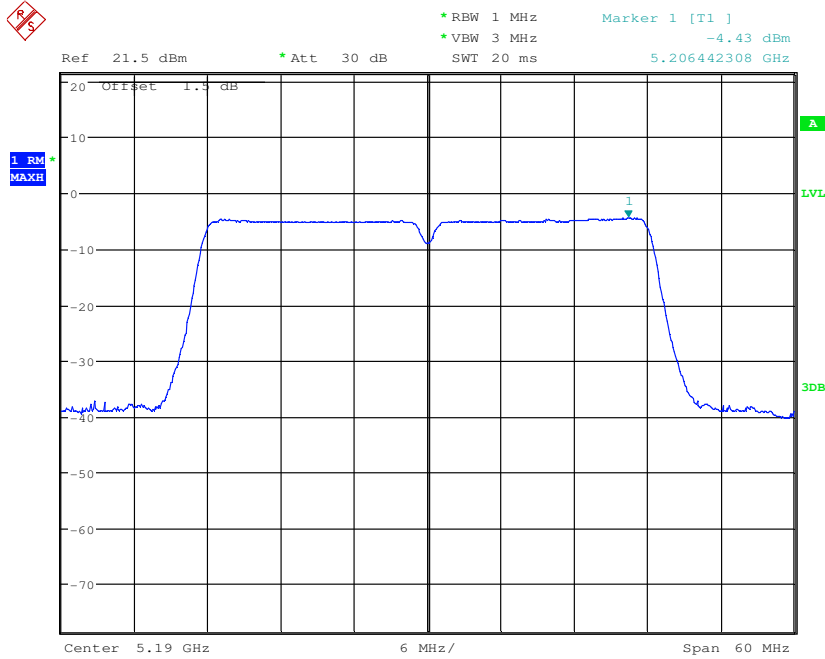
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

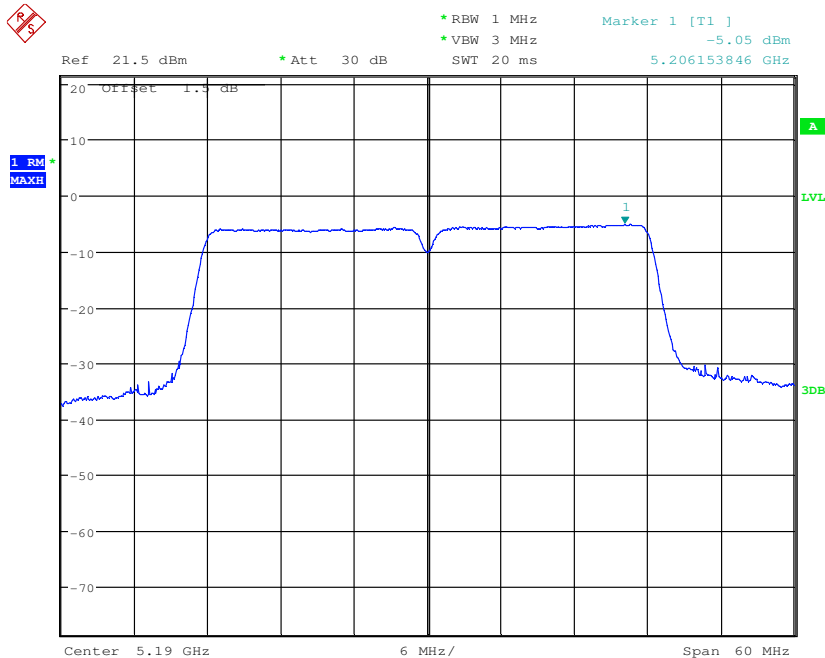
Page: 124 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



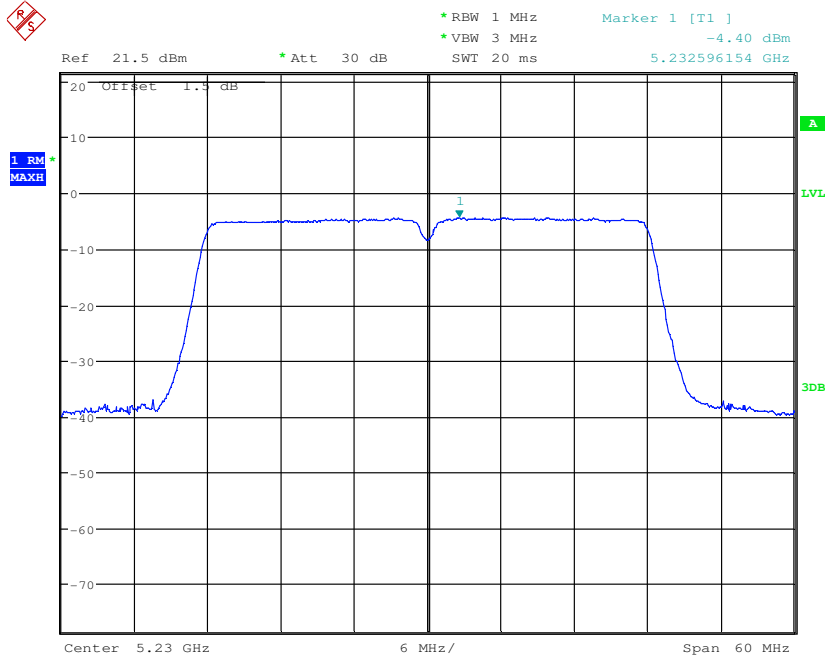
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

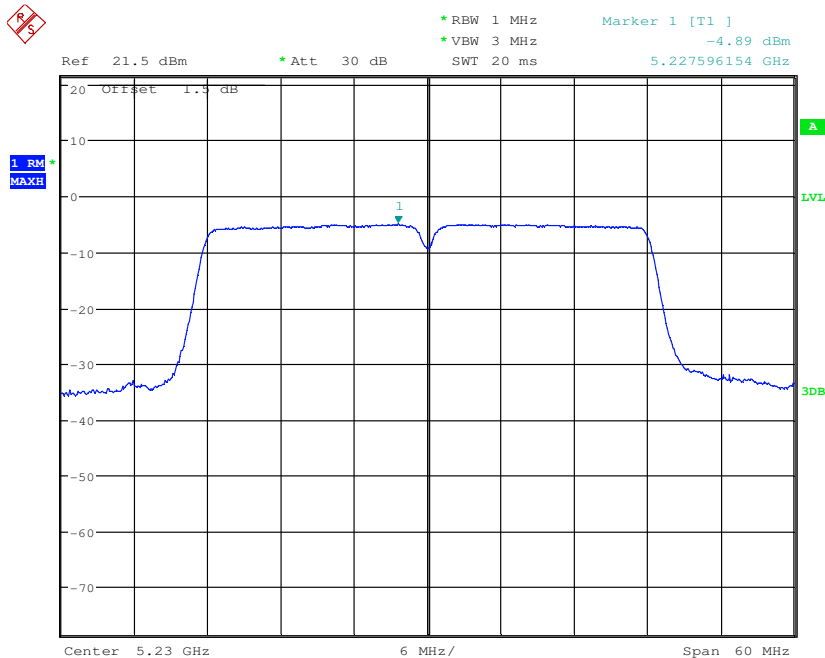
Page: 125 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5230 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



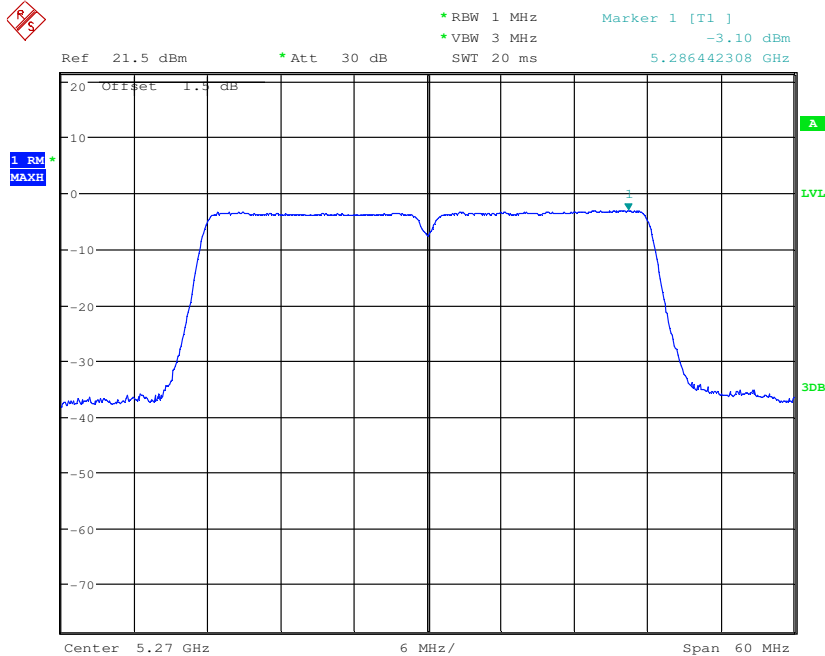
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

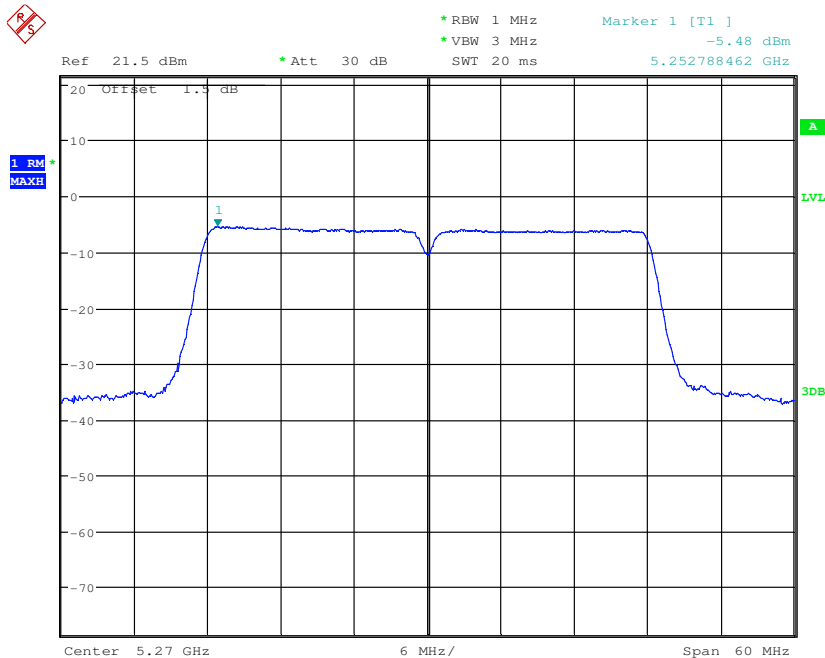
Page: 126 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5270 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



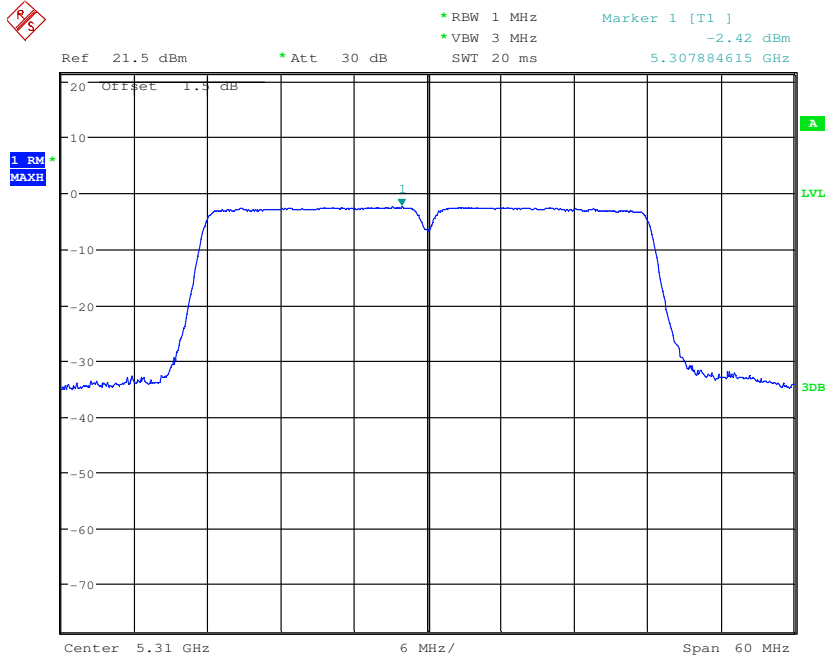
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

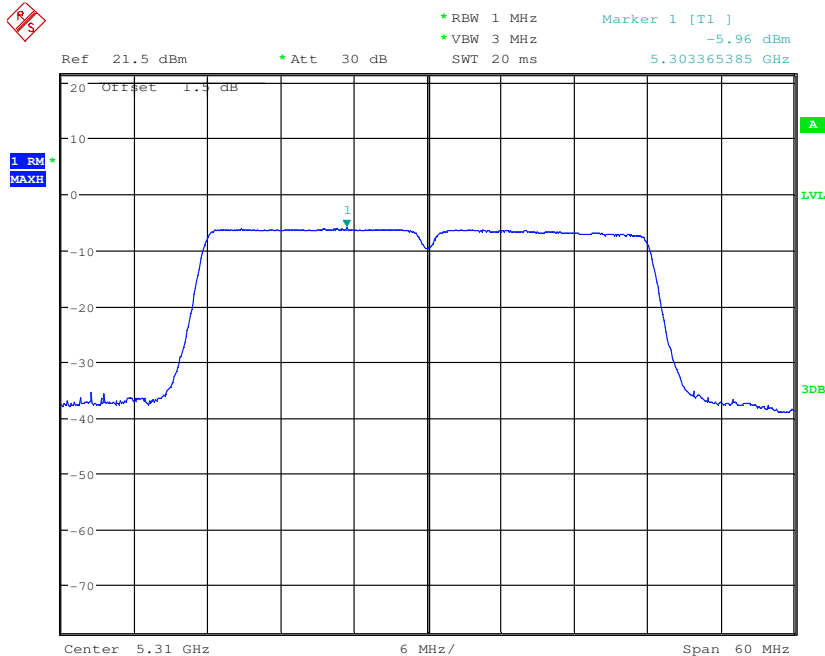
Page: 127 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5310 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



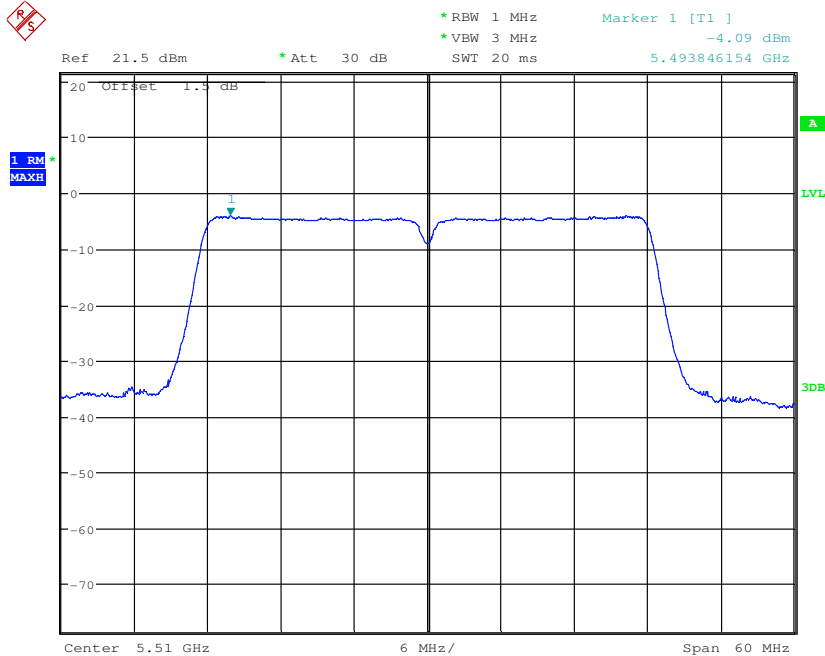
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

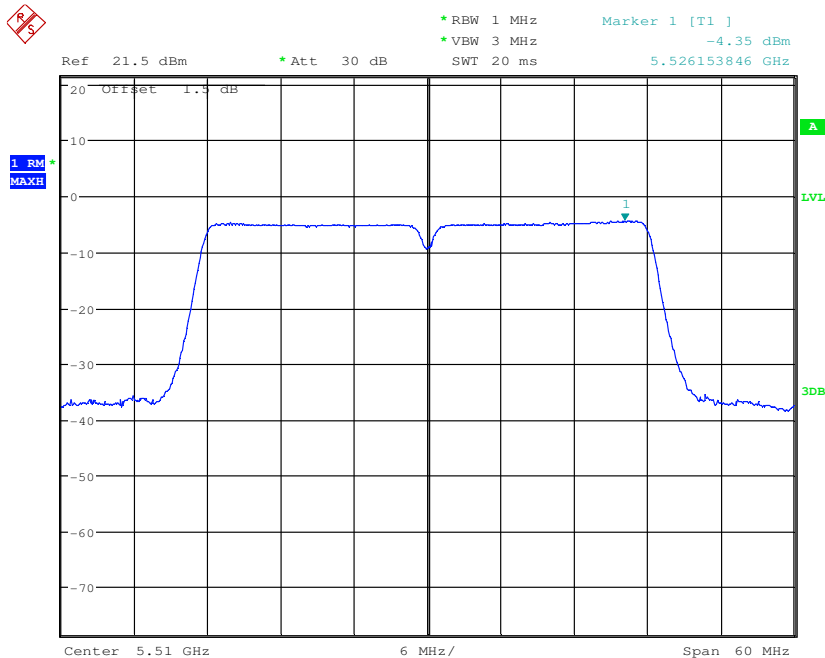
Page: 128 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5510 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



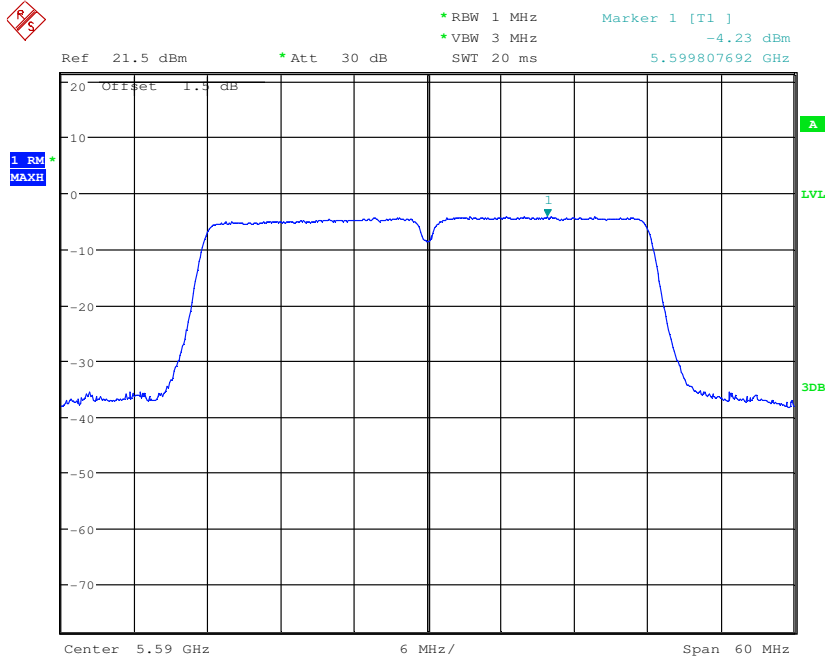
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

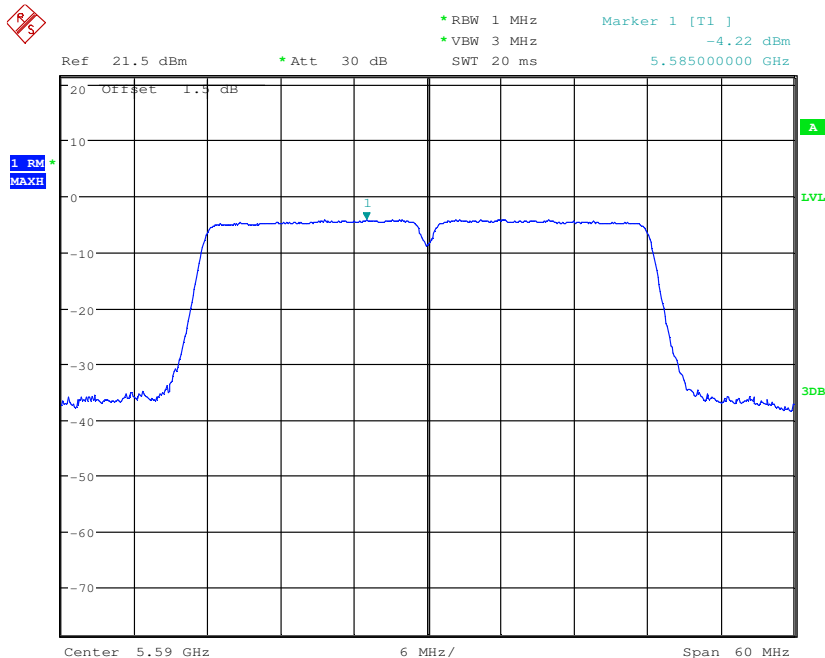
Page: 129 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5590 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



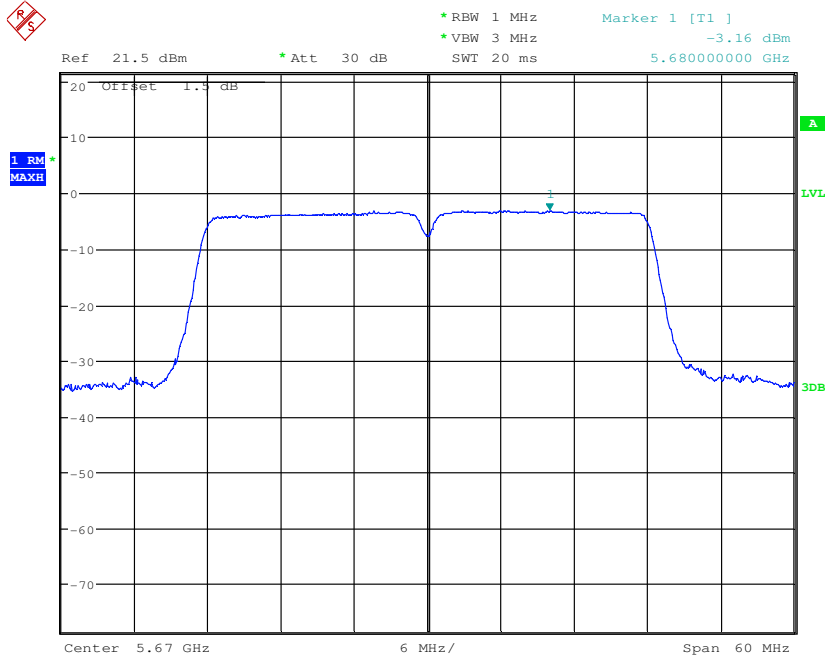
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

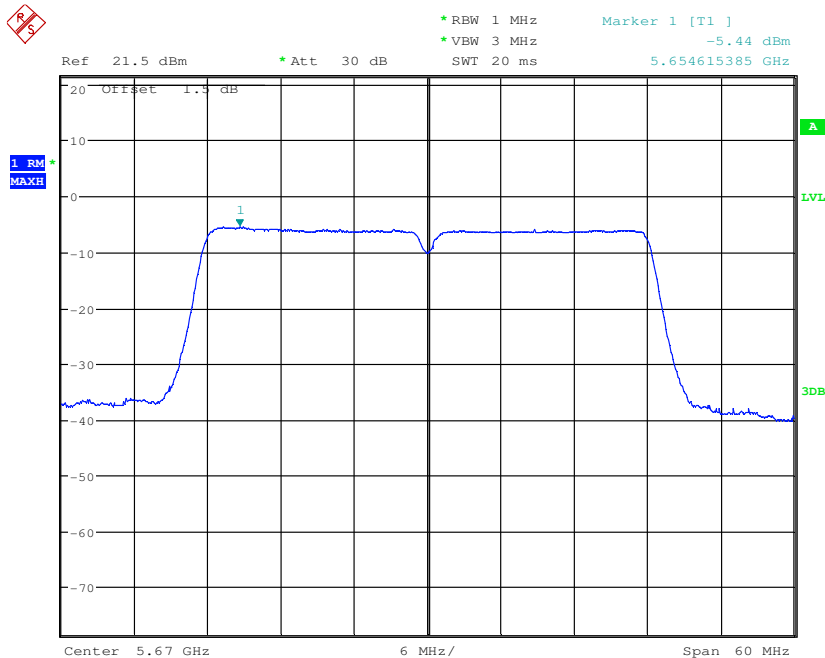
Page: 130 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5670 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



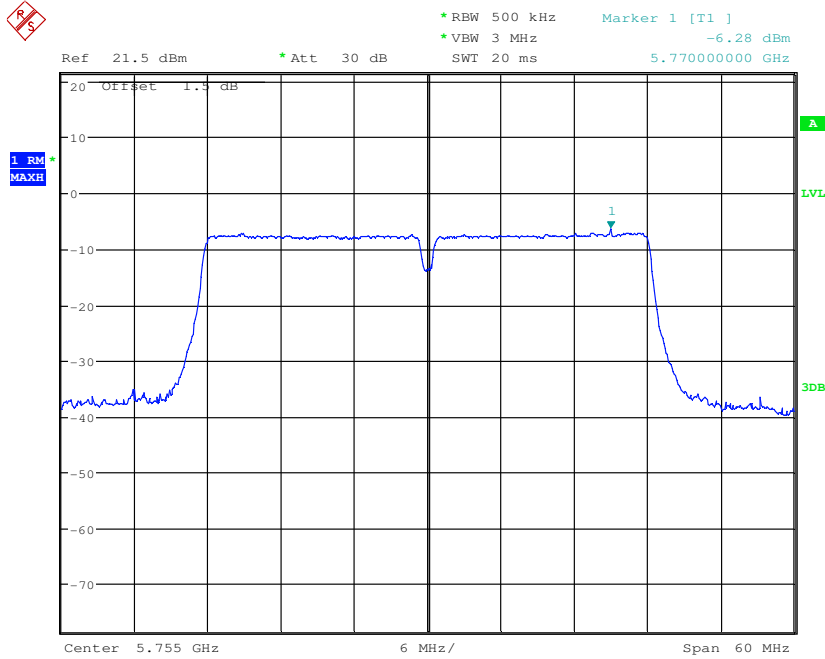
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

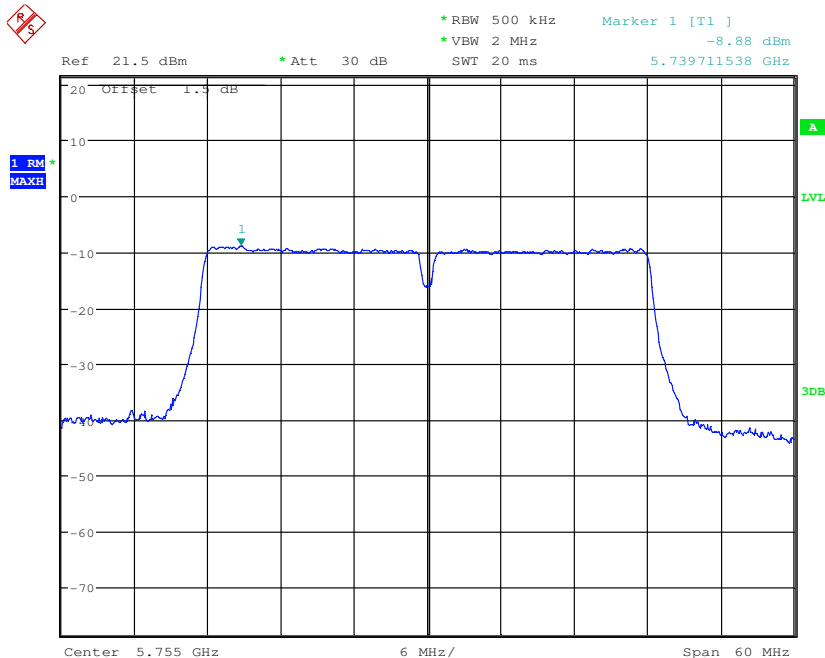
Page: 131 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5755 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



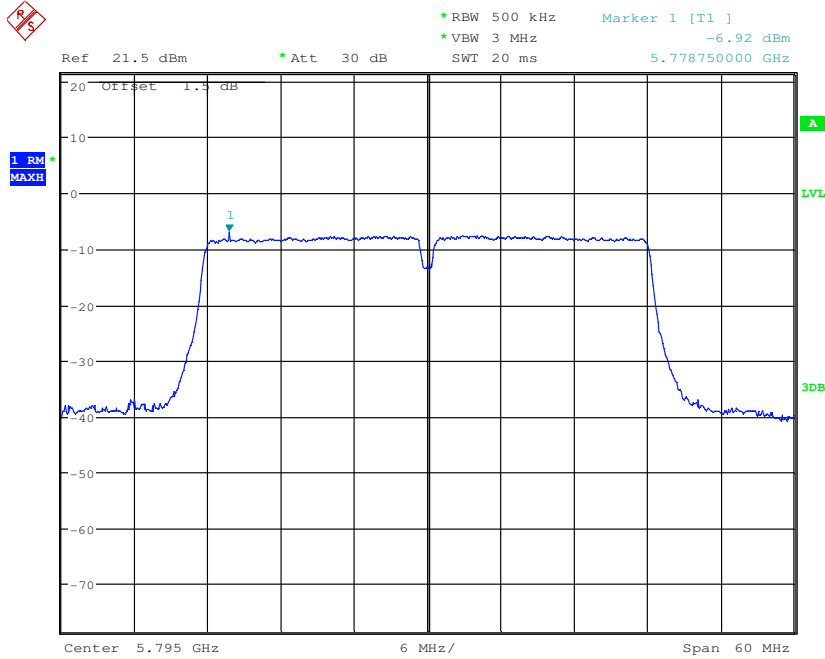
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

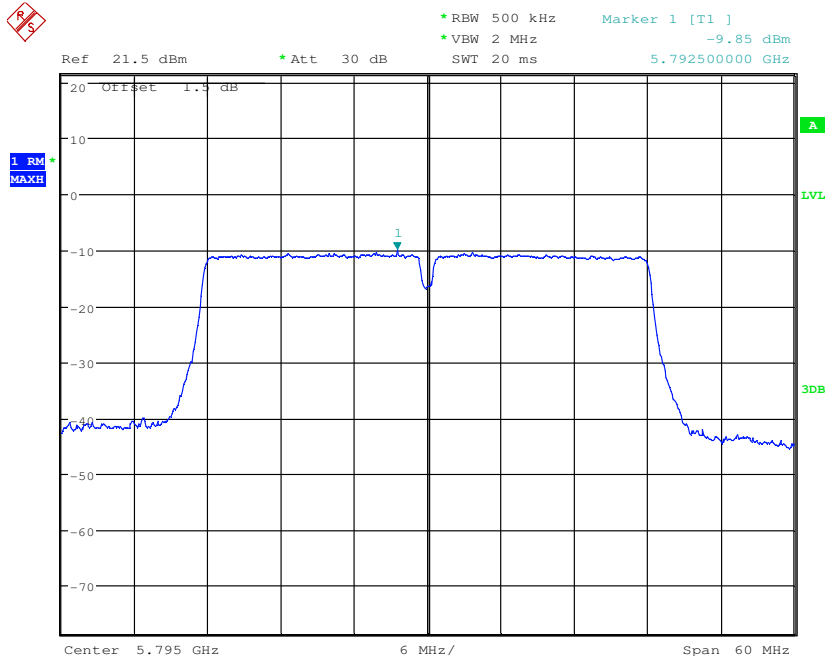
Page: 132 of 193

| | | | |
|------------|---------------|-----------------|------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5795 |
|------------|---------------|-----------------|------|

Antenna 0



Antenna 1



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

6.7 Radiated Spurious Emissions

| | |
|-------------------|--|
| Test Requirement: | 47 CFR Part 15 Section 15.407(b) |
| Test Method: | ANSI C63.10: 2013 |
| Test Site: | Measurement Distance: 3m (Semi-Anechoic Chamber) |
| Test Setup: | |

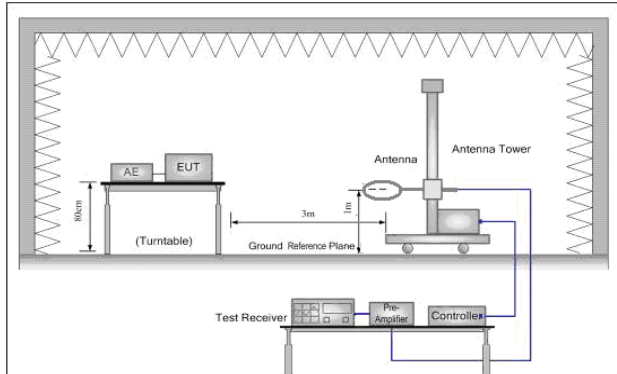


Figure 1. 30MHz to 1GHz

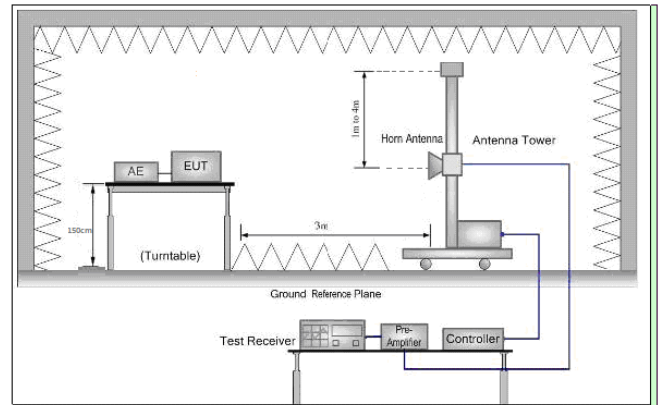


Figure 2. Above 1 GHz

| | |
|------------------------|---|
| Test Procedure: | <ol style="list-style-type: none"> For below 1GHz test, 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. For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 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. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 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. 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 height 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 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 peak, quasi-peak or average method as specified and then reported in a data sheet. Test the EUT in the lowest channel, the middle channel, the Highest channel. Repeat above procedures until all frequencies measured was complete. |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. |



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

Report No.: SZEM150700437303

Page: 134 of 193

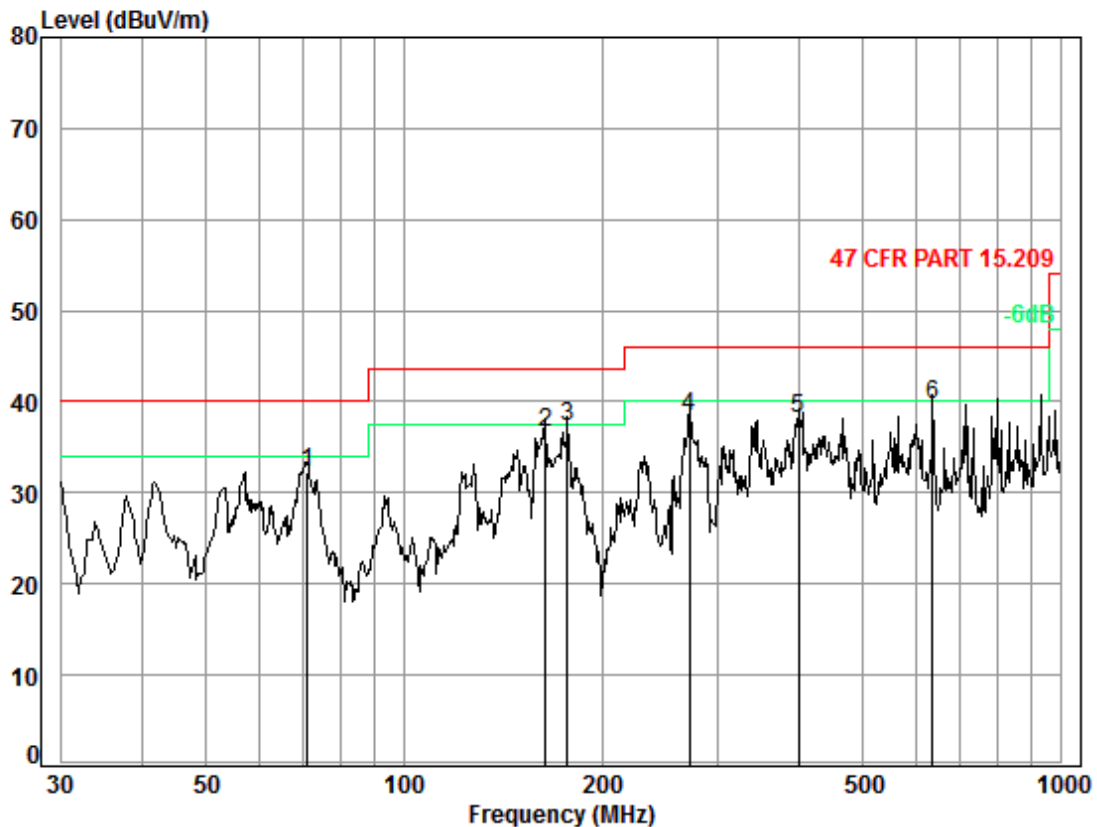
| | |
|-------------------|---|
| Final Test Mode: | Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40). For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report. Pre-scan was performed at Antenna 0 and Antenna 1, no worst case was found. Only the test data of Antenna 0 was shown in this report. |
| Instruments Used: | Refer to section 5.10 for details. |
| Test Results: | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



6.7.1 Radiated emission below 1GHz

| 30MHz~1GHz (QP) | | |
|-----------------|-------------------|----------|
| Test mode: | Transmitting mode | Vertical |



Condition: 47 CFR PART 15.209 3m 3142C Vertical
Job No. : 4373CR
Test mode: TX

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit |
|---|--------|------------|------------|---------------|------------|-------------|------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 71.27 | 0.85 | 7.00 | 27.24 | 51.63 | 32.24 | 40.00 | -7.76 |
| 2 | 164.06 | 1.34 | 9.56 | 26.84 | 52.54 | 36.60 | 43.50 | -6.90 |
| 3 | 177.27 | 1.37 | 9.79 | 26.78 | 52.98 | 37.36 | 43.50 | -6.14 |
| 4 | 271.94 | 1.78 | 12.74 | 26.47 | 50.31 | 38.36 | 46.00 | -7.64 |
| 5 | 399.10 | 2.20 | 16.29 | 27.13 | 46.78 | 38.14 | 46.00 | -7.86 |
| 6 | 637.60 | 2.78 | 20.55 | 27.49 | 43.90 | 39.74 | 46.00 | -6.26 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

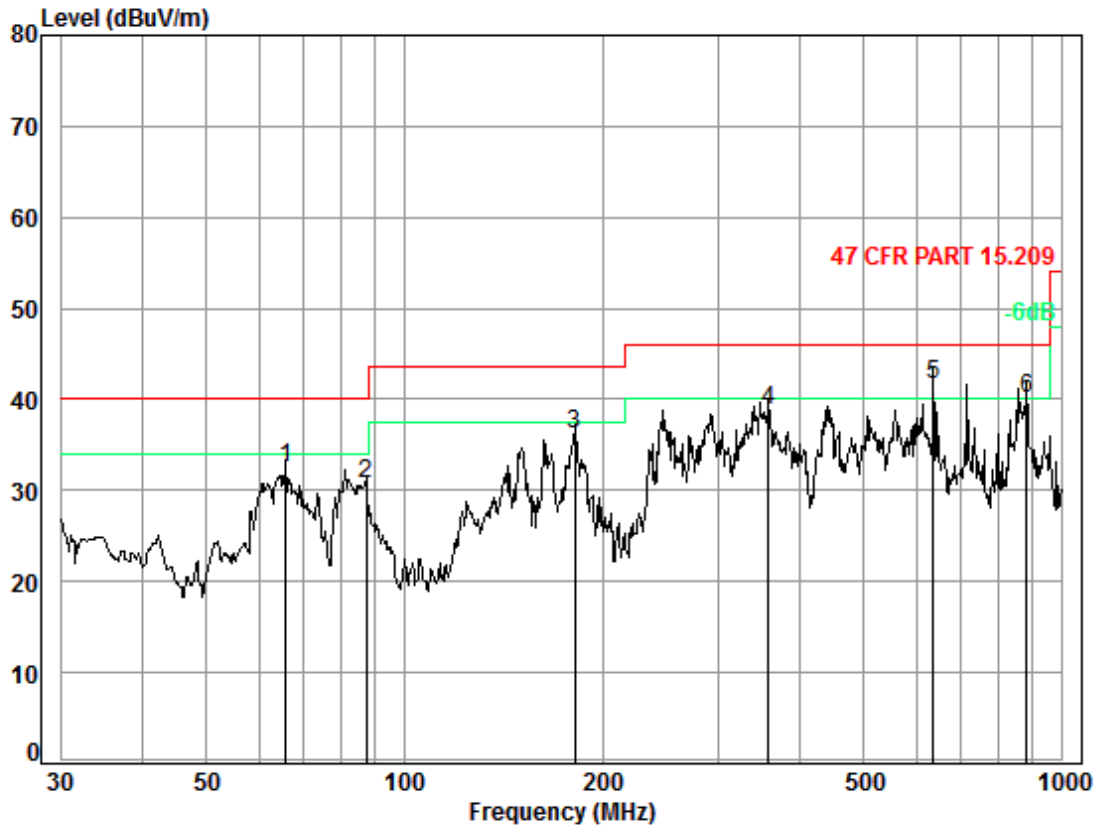


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 136 of 193

| | | |
|------------|-------------------|------------|
| Test mode: | Transmitting mode | Horizontal |
|------------|-------------------|------------|



Condition: 47 CFR PART 15.209 3m 3142C Horizontal

Job No. : 4373CR

Test mode: TX

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|---|--------|------------|------------|---------------|------------|-------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 65.96 | 0.80 | 7.02 | 27.25 | 51.81 | 32.38 | 40.00 -7.62 |
| 2 | 87.30 | 1.10 | 8.43 | 27.22 | 48.35 | 30.66 | 40.00 -9.34 |
| 3 | 181.24 | 1.37 | 9.92 | 26.77 | 51.74 | 36.26 | 43.50 -7.24 |
| 4 | 357.29 | 2.08 | 14.51 | 26.85 | 49.13 | 38.87 | 46.00 -7.13 |
| 5 | 637.60 | 2.78 | 20.55 | 27.49 | 45.72 | 41.56 | 46.00 -4.44 |
| 6 | 885.38 | 3.54 | 23.08 | 26.85 | 40.24 | 40.01 | 46.00 -5.99 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



6.7.2 Transmitter emission above 1GHz

Test plot as follows:

| Test mode: | | 802.11a | | Frequency(MHz): | | 5180 | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | |
| 3449.984 | 7.06 | 32.84 | 38.72 | 47.57 | 48.75 | 74 | -25.25 | Vertical | |
| 4661.723 | 6.10 | 34.62 | 39.19 | 48.81 | 50.34 | 74 | -23.66 | Vertical | |
| 7838.091 | 9.39 | 35.69 | 39.01 | 44.42 | 50.49 | 74 | -23.51 | Vertical | |
| 9094.878 | 9.82 | 36.24 | 38.25 | 44.88 | 52.69 | 74 | -21.31 | Vertical | |
| 10360.000 | 9.92 | 37.13 | 37.89 | 42.92 | 52.08 | 74 | -21.92 | Vertical | |
| 15540.000 | 12.97 | 39.38 | 41.17 | 41.10 | 52.28 | 74 | -21.72 | Vertical | |
| 3481.030 | 7.01 | 32.87 | 38.73 | 47.54 | 48.69 | 74 | -25.31 | Horizontal | |
| 4805.903 | 6.42 | 34.71 | 39.24 | 48.11 | 50.00 | 74 | -24.00 | Horizontal | |
| 7852.148 | 9.39 | 35.70 | 39.01 | 44.39 | 50.47 | 74 | -23.53 | Horizontal | |
| 9376.170 | 9.98 | 36.89 | 38.08 | 43.46 | 52.25 | 74 | -21.75 | Horizontal | |
| 10360.000 | 9.92 | 37.13 | 37.89 | 43.10 | 52.26 | 74 | -21.74 | Horizontal | |
| 15540.000 | 12.97 | 39.38 | 41.17 | 41.08 | 52.26 | 74 | -21.74 | Horizontal | |

| Test mode: | | 802.11a | | Frequency(MHz): | | 5200 | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | |
| 3413.093 | 7.13 | 32.79 | 38.70 | 46.99 | 48.21 | 74 | -25.79 | Vertical | |
| 4603.619 | 5.97 | 34.58 | 39.17 | 48.26 | 49.64 | 74 | -24.36 | Vertical | |
| 7824.060 | 9.38 | 35.68 | 39.01 | 45.24 | 51.29 | 74 | -22.71 | Vertical | |
| 9511.536 | 10.04 | 37.14 | 37.99 | 44.01 | 53.20 | 74 | -20.8 | Vertical | |
| 10400.000 | 9.94 | 37.02 | 37.92 | 43.28 | 52.32 | 74 | -21.68 | Vertical | |
| 15600.000 | 12.97 | 39.50 | 41.19 | 41.56 | 52.84 | 74 | -21.16 | Vertical | |
| 3506.069 | 6.97 | 32.90 | 38.74 | 46.93 | 48.06 | 74 | -25.94 | Horizontal | |
| 4788.712 | 6.39 | 34.69 | 39.23 | 47.88 | 49.73 | 74 | -24.27 | Horizontal | |
| 7824.060 | 9.38 | 35.68 | 39.01 | 45.03 | 51.08 | 74 | -22.92 | Horizontal | |
| 9160.296 | 9.85 | 36.41 | 38.21 | 42.28 | 50.33 | 74 | -23.67 | Horizontal | |
| 10400.000 | 9.94 | 37.02 | 37.92 | 43.38 | 52.42 | 74 | -21.58 | Horizontal | |
| 15600.000 | 12.97 | 39.50 | 41.19 | 40.94 | 52.22 | 74 | -21.78 | Horizontal | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 138 of 193

| Test mode: | | 802.11a | | Frequency(MHz): | | 5240 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3506.069 | 6.97 | 32.90 | 38.74 | 46.49 | 47.62 | 74 | -26.38 | Vertical | | |
| 4620.146 | 6.01 | 34.59 | 39.18 | 47.47 | 48.89 | 74 | -25.11 | Vertical | | |
| 7348.469 | 9.11 | 35.48 | 39.05 | 45.41 | 50.95 | 74 | -23.05 | Vertical | | |
| 9209.667 | 9.88 | 36.53 | 38.18 | 43.29 | 51.52 | 74 | -22.48 | Vertical | | |
| 10480.000 | 9.97 | 37.30 | 37.96 | 42.73 | 52.04 | 74 | -21.96 | Vertical | | |
| 15720.000 | 12.96 | 39.74 | 41.23 | 40.58 | 52.05 | 74 | -21.95 | Vertical | | |
| 3588.694 | 6.92 | 32.99 | 38.78 | 45.92 | 47.05 | 74 | -26.95 | Horizontal | | |
| 4603.619 | 5.97 | 34.58 | 39.17 | 46.45 | 47.83 | 74 | -26.17 | Horizontal | | |
| 7838.091 | 9.39 | 35.69 | 39.01 | 43.85 | 49.92 | 74 | -24.08 | Horizontal | | |
| 9494.509 | 10.05 | 37.11 | 38.00 | 42.48 | 51.64 | 74 | -22.36 | Horizontal | | |
| 10480.000 | 9.97 | 37.30 | 37.96 | 43.29 | 52.60 | 74 | -21.40 | Horizontal | | |
| 15720.000 | 12.96 | 39.74 | 41.23 | 40.76 | 52.23 | 74 | -21.77 | Horizontal | | |

| Test mode: | | 802.11a | | Frequency(MHz): | | 5260 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3419.214 | 7.12 | 32.80 | 38.70 | 46.45 | 47.67 | 74 | -26.33 | Vertical | | |
| 4831.806 | 6.48 | 34.73 | 39.25 | 46.10 | 48.06 | 74 | -25.94 | Vertical | | |
| 7521.645 | 9.31 | 35.46 | 39.04 | 43.64 | 49.37 | 74 | -24.63 | Vertical | | |
| 9614.342 | 9.98 | 37.34 | 37.93 | 41.86 | 51.25 | 74 | -22.75 | Vertical | | |
| 10520.000 | 9.92 | 37.13 | 37.89 | 43.28 | 52.44 | 74 | -21.56 | Vertical | | |
| 15780.000 | 12.97 | 39.38 | 41.17 | 41.52 | 52.70 | 74 | -21.30 | Vertical | | |
| 3563.065 | 6.93 | 32.96 | 38.77 | 46.65 | 47.77 | 74 | -26.23 | Horizontal | | |
| 4788.712 | 6.39 | 34.69 | 39.23 | 47.49 | 49.34 | 74 | -24.66 | Horizontal | | |
| 7374.850 | 9.15 | 35.45 | 39.05 | 44.99 | 50.54 | 74 | -23.46 | Horizontal | | |
| 9392.984 | 9.99 | 36.93 | 38.06 | 43.14 | 52.00 | 74 | -22.00 | Horizontal | | |
| 10360.000 | 9.92 | 37.13 | 37.89 | 43.33 | 52.49 | 74 | -21.51 | Horizontal | | |
| 15540.000 | 12.97 | 39.38 | 41.17 | 41.20 | 52.38 | 74 | -21.62 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 139 of 193

| Test mode: | | 802.11a | | Frequency(MHz): | | 5300 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3419.214 | 7.12 | 32.80 | 38.70 | 45.44 | 46.66 | 74 | -27.34 | Vertical | | |
| 4720.560 | 6.23 | 34.65 | 39.21 | 46.49 | 48.16 | 74 | -25.84 | Vertical | | |
| 7414.599 | 9.20 | 35.42 | 39.05 | 45.19 | 50.76 | 74 | -23.24 | Vertical | | |
| 9579.950 | 10.00 | 37.26 | 37.95 | 42.31 | 51.62 | 74 | -22.38 | Vertical | | |
| 10480.000 | 9.97 | 37.30 | 37.96 | 42.66 | 51.97 | 74 | -22.03 | Vertical | | |
| 15720.000 | 12.96 | 39.74 | 41.23 | 41.11 | 52.58 | 74 | -21.42 | Vertical | | |
| 3419.214 | 7.12 | 32.80 | 38.70 | 45.44 | 46.66 | 74 | -27.34 | Horizontal | | |
| 4720.560 | 6.23 | 34.65 | 39.21 | 46.49 | 48.16 | 74 | -25.84 | Horizontal | | |
| 7414.599 | 9.20 | 35.42 | 39.05 | 45.19 | 50.76 | 74 | -23.24 | Horizontal | | |
| 9579.950 | 10.00 | 37.26 | 37.95 | 42.31 | 51.62 | 74 | -22.38 | Horizontal | | |
| 10580.000 | 9.97 | 37.30 | 37.96 | 42.66 | 51.97 | 74 | -22.03 | Horizontal | | |
| 15870.000 | 12.96 | 39.74 | 41.23 | 41.11 | 52.58 | 74 | -21.42 | Horizontal | | |

| Test mode: | | 802.11a | | Frequency(MHz): | | 5320 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3524.966 | 6.96 | 32.92 | 38.75 | 46.23 | 47.36 | 74 | -26.64 | Vertical | | |
| 4695.254 | 6.18 | 34.64 | 39.20 | 47.25 | 48.87 | 74 | -25.13 | Vertical | | |
| 7824.060 | 9.38 | 35.68 | 39.01 | 45.60 | 51.65 | 74 | -22.35 | Vertical | | |
| 9494.509 | 10.05 | 37.11 | 38.00 | 43.06 | 52.22 | 74 | -21.78 | Vertical | | |
| 10640.000 | 9.94 | 37.02 | 37.92 | 44.21 | 53.25 | 74 | -20.75 | Vertical | | |
| 15960.000 | 12.97 | 39.42 | 41.18 | 41.68 | 52.89 | 74 | -21.11 | Vertical | | |
| 3524.966 | 6.96 | 32.92 | 38.75 | 46.23 | 47.36 | 74 | -26.64 | Horizontal | | |
| 4695.254 | 6.18 | 34.64 | 39.20 | 47.25 | 48.87 | 74 | -25.13 | Horizontal | | |
| 7824.060 | 9.38 | 35.68 | 39.01 | 45.60 | 51.65 | 74 | -22.35 | Horizontal | | |
| 9494.509 | 10.05 | 37.11 | 38.00 | 43.06 | 52.22 | 74 | -21.78 | Horizontal | | |
| 10640.000 | 9.94 | 37.02 | 37.92 | 44.21 | 53.25 | 74 | -20.75 | Horizontal | | |
| 15960.000 | 12.97 | 39.42 | 41.18 | 41.68 | 52.89 | 74 | -21.11 | Horizontal | | |



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 140 of 193

| Test mode: | | 802.11a | | Frequency(MHz): | | 5500 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3449.984 | 7.06 | 32.84 | 38.72 | 46.86 | 48.04 | 74 | -25.96 | Vertical | | |
| 4805.903 | 6.42 | 34.71 | 39.24 | 46.60 | 48.49 | 74 | -25.51 | Vertical | | |
| 7698.902 | 9.35 | 35.57 | 39.02 | 46.61 | 52.51 | 74 | -21.49 | Vertical | | |
| 9545.682 | 10.02 | 37.20 | 37.97 | 43.26 | 52.51 | 74 | -21.49 | Vertical | | |
| 11000.000 | 10.53 | 38.52 | 38.61 | 42.84 | 53.28 | 74 | -20.72 | Vertical | | |
| 16500.000 | 12.98 | 39.32 | 41.13 | 41.86 | 53.03 | 74 | -20.97 | Vertical | | |
| 3468.578 | 7.03 | 32.86 | 38.73 | 47.31 | 48.47 | 74 | -25.53 | Horizontal | | |
| 4823.156 | 6.46 | 34.72 | 39.24 | 46.83 | 48.77 | 74 | -25.23 | Horizontal | | |
| 7282.930 | 9.02 | 35.55 | 39.06 | 47.02 | 52.53 | 74 | -21.47 | Horizontal | | |
| 9614.342 | 9.98 | 37.34 | 37.93 | 42.72 | 52.11 | 74 | -21.89 | Horizontal | | |
| 11100.000 | 10.39 | 38.22 | 38.46 | 42.98 | 53.13 | 74 | -20.87 | Horizontal | | |
| 16500.000 | 16.31 | 41.01 | 41.69 | 36.92 | 52.55 | 74 | -21.45 | Horizontal | | |

| Test mode: | | 802.11a | | Frequency(MHz): | | 5600 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3334.511 | 7.29 | 32.61 | 38.67 | 45.69 | 46.92 | 74 | -27.08 | Vertical | | |
| 4712.109 | 6.22 | 34.65 | 39.21 | 47.52 | 49.18 | 74 | -24.82 | Vertical | | |
| 7838.091 | 9.39 | 35.69 | 39.01 | 44.04 | 50.11 | 74 | -23.89 | Vertical | | |
| 9545.682 | 10.02 | 37.20 | 37.97 | 43.37 | 52.62 | 74 | -21.38 | Vertical | | |
| 11200.000 | 10.42 | 38.28 | 38.50 | 41.92 | 52.12 | 74 | -21.88 | Vertical | | |
| 16800.000 | 16.08 | 40.96 | 41.72 | 37.47 | 52.79 | 74 | -21.21 | Vertical | | |
| 3388.719 | 7.18 | 32.75 | 38.69 | 47.94 | 49.18 | 74 | -24.82 | Horizontal | | |
| 4763.041 | 6.33 | 34.68 | 39.22 | 47.69 | 49.48 | 74 | -24.52 | Horizontal | | |
| 7782.116 | 9.37 | 35.64 | 39.02 | 46.79 | 52.78 | 74 | -21.22 | Horizontal | | |
| 9460.546 | 10.03 | 37.05 | 38.02 | 43.81 | 52.87 | 74 | -21.13 | Horizontal | | |
| 11200.000 | 10.42 | 38.28 | 38.50 | 42.23 | 52.43 | 74 | -21.57 | Horizontal | | |
| 16800.000 | 16.08 | 40.96 | 41.72 | 38.39 | 53.71 | 74 | -20.29 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 141 of 193

| Test mode: | | 802.11a | | Frequency(MHz): | | 5700 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3334.511 | 7.29 | 32.61 | 38.67 | 47.07 | 48.30 | 74 | -25.70 | Vertical | | |
| 4763.041 | 6.33 | 34.68 | 39.22 | 47.59 | 49.38 | 74 | -24.62 | Vertical | | |
| 7838.091 | 9.39 | 35.69 | 39.01 | 44.42 | 50.49 | 74 | -23.51 | Vertical | | |
| 9309.210 | 9.94 | 36.75 | 38.12 | 41.80 | 50.37 | 74 | -23.63 | Vertical | | |
| 11400.000 | 10.46 | 38.35 | 38.54 | 42.31 | 52.58 | 74 | -21.42 | Vertical | | |
| 17100.000 | 15.86 | 40.91 | 41.75 | 37.57 | 52.59 | 74 | -21.41 | Vertical | | |
| 3506.069 | 6.97 | 32.90 | 38.74 | 47.56 | 48.69 | 74 | -25.31 | Horizontal | | |
| 4814.522 | 6.44 | 34.71 | 39.24 | 48.36 | 50.27 | 74 | -23.73 | Horizontal | | |
| 7838.091 | 9.39 | 35.69 | 39.01 | 45.30 | 51.37 | 74 | -22.63 | Horizontal | | |
| 9309.210 | 9.94 | 36.75 | 38.12 | 43.42 | 51.99 | 74 | -22.01 | Horizontal | | |
| 11400.000 | 10.46 | 38.35 | 38.54 | 40.92 | 51.19 | 74 | -22.81 | Horizontal | | |
| 17100.000 | 15.86 | 40.91 | 41.75 | 37.19 | 52.21 | 74 | -21.79 | Horizontal | | |

| Test mode: | | 802.11a | | Frequency(MHz): | | 5745 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3316.635 | 7.32 | 32.56 | 38.66 | 47.11 | 48.33 | 74 | -25.67 | Vertical | | |
| 4578.940 | 5.91 | 34.55 | 39.16 | 47.34 | 48.64 | 74 | -25.36 | Vertical | | |
| 7575.747 | 9.33 | 35.47 | 39.03 | 44.81 | 50.58 | 74 | -23.42 | Vertical | | |
| 9127.528 | 9.84 | 36.33 | 38.23 | 44.89 | 52.83 | 74 | -21.17 | Vertical | | |
| 11490.000 | 10.39 | 38.22 | 38.46 | 41.93 | 52.08 | 74 | -21.92 | Vertical | | |
| 17235.000 | 16.31 | 41.01 | 41.69 | 36.97 | 52.60 | 74 | -21.40 | Vertical | | |
| 3512.356 | 6.96 | 32.91 | 38.75 | 47.79 | 48.91 | 74 | -25.09 | Horizontal | | |
| 4823.156 | 6.46 | 34.72 | 39.24 | 48.61 | 50.55 | 74 | -23.45 | Horizontal | | |
| 7810.054 | 9.38 | 35.67 | 39.02 | 46.79 | 52.82 | 74 | -21.18 | Horizontal | | |
| 9392.984 | 9.99 | 36.93 | 38.06 | 43.54 | 52.40 | 74 | -21.60 | Horizontal | | |
| 11490.000 | 10.39 | 38.22 | 38.46 | 41.89 | 52.04 | 74 | -21.96 | Horizontal | | |
| 17235.000 | 16.31 | 41.01 | 41.69 | 36.45 | 52.08 | 74 | -21.92 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 142 of 193

| Test mode: | | 802.11a | | Frequency(MHz): | | 5785 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3939.129 | 6.72 | 33.40 | 38.93 | 47.02 | 48.21 | 74 | -25.79 | Vertical | | |
| 4797.300 | 6.40 | 34.70 | 39.24 | 48.01 | 49.87 | 74 | -24.13 | Vertical | | |
| 7427.896 | 9.22 | 35.43 | 39.05 | 46.35 | 51.95 | 74 | -22.05 | Vertical | | |
| 9226.184 | 9.89 | 36.57 | 38.17 | 43.16 | 51.45 | 74 | -22.55 | Vertical | | |
| 11570.000 | 10.42 | 38.28 | 38.50 | 42.78 | 52.98 | 74 | -21.02 | Vertical | | |
| 17355.000 | 16.08 | 40.96 | 41.72 | 38.62 | 53.94 | 74 | -20.06 | Vertical | | |
| 3462.369 | 7.04 | 32.85 | 38.72 | 48.30 | 49.47 | 74 | -24.53 | Horizontal | | |
| 4720.560 | 6.23 | 34.65 | 39.21 | 48.78 | 50.45 | 74 | -23.55 | Horizontal | | |
| 7441.216 | 9.23 | 35.43 | 39.05 | 44.42 | 50.03 | 74 | -23.97 | Horizontal | | |
| 9292.546 | 9.93 | 36.71 | 38.13 | 42.62 | 51.13 | 74 | -22.87 | Horizontal | | |
| 11570.000 | 10.42 | 38.28 | 38.50 | 41.83 | 52.03 | 74 | -21.97 | Horizontal | | |
| 17355.000 | 16.08 | 40.96 | 41.72 | 37.34 | 52.66 | 74 | -21.34 | Horizontal | | |

| Test mode: | | 802.11a | | Frequency(MHz): | | 5825 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3487.273 | 6.99 | 32.88 | 38.74 | 46.62 | 47.75 | 74 | -26.25 | Vertical | | |
| 4661.723 | 6.10 | 34.62 | 39.19 | 48.08 | 49.61 | 74 | -24.39 | Vertical | | |
| 7256.878 | 8.99 | 35.58 | 39.06 | 47.17 | 52.68 | 74 | -21.32 | Vertical | | |
| 9392.984 | 9.99 | 36.93 | 38.06 | 42.60 | 51.46 | 74 | -22.54 | Vertical | | |
| 11650.000 | 10.46 | 38.35 | 38.54 | 42.25 | 52.52 | 74 | -21.48 | Vertical | | |
| 17475.000 | 15.86 | 40.91 | 41.75 | 37.23 | 52.25 | 74 | -21.75 | Vertical | | |
| 3726.298 | 6.84 | 33.10 | 38.84 | 46.69 | 47.79 | 74 | -26.21 | Horizontal | | |
| 4771.583 | 6.35 | 34.68 | 39.23 | 47.18 | 48.98 | 74 | -25.02 | Horizontal | | |
| 7671.363 | 9.35 | 35.54 | 39.03 | 45.49 | 51.35 | 74 | -22.65 | Horizontal | | |
| 9226.184 | 9.89 | 36.57 | 38.17 | 42.90 | 51.19 | 74 | -22.81 | Horizontal | | |
| 11650.000 | 10.46 | 38.35 | 38.54 | 42.08 | 52.35 | 74 | -21.65 | Horizontal | | |
| 17475.000 | 15.86 | 40.91 | 41.75 | 37.28 | 52.30 | 74 | -21.70 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 143 of 193

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5180 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3759.831 | 6.82 | 33.12 | 38.85 | 48.53 | 49.62 | 74 | -24.38 | Vertical | | |
| 4945.674 | 6.72 | 34.85 | 39.28 | 49.24 | 51.53 | 74 | -22.47 | Vertical | | |
| 7852.148 | 9.39 | 35.70 | 39.01 | 43.74 | 49.82 | 74 | -24.18 | Vertical | | |
| 9460.546 | 10.03 | 37.05 | 38.02 | 44.03 | 53.09 | 74 | -20.91 | Vertical | | |
| 10360.000 | 9.92 | 37.13 | 37.89 | 43.32 | 52.48 | 74 | -21.52 | Vertical | | |
| 15540.000 | 12.97 | 39.38 | 41.17 | 41.16 | 52.34 | 74 | -21.66 | Vertical | | |
| 3449.984 | 7.06 | 32.84 | 38.72 | 46.49 | 47.67 | 74 | -26.33 | Horizontal | | |
| 4670.083 | 6.12 | 34.62 | 39.19 | 47.38 | 48.93 | 74 | -25.07 | Horizontal | | |
| 7282.930 | 9.02 | 35.55 | 39.06 | 46.80 | 52.31 | 74 | -21.69 | Horizontal | | |
| 9545.682 | 10.02 | 37.20 | 37.97 | 43.07 | 52.32 | 74 | -21.68 | Horizontal | | |
| 10360.000 | 9.93 | 37.07 | 37.90 | 43.87 | 52.97 | 74 | -21.03 | Horizontal | | |
| 15540.000 | 12.97 | 39.44 | 41.18 | 40.95 | 52.18 | 74 | -21.82 | Horizontal | | |

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5200 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3499.792 | 6.97 | 32.89 | 38.74 | 46.87 | 47.99 | 74 | -26.01 | Vertical | | |
| 4620.146 | 6.01 | 34.59 | 39.18 | 47.78 | 49.20 | 74 | -24.80 | Vertical | | |
| 7838.091 | 9.39 | 35.69 | 39.01 | 45.55 | 51.62 | 74 | -22.38 | Vertical | | |
| 9511.536 | 10.04 | 37.14 | 37.99 | 43.76 | 52.95 | 74 | -21.05 | Vertical | | |
| 10400.000 | 9.94 | 37.02 | 37.92 | 44.12 | 53.16 | 74 | -20.84 | Vertical | | |
| 15600.000 | 12.97 | 39.50 | 41.19 | 41.50 | 52.78 | 74 | -21.22 | Vertical | | |
| 3746.382 | 6.83 | 33.11 | 38.85 | 48.24 | 49.33 | 74 | -24.67 | Horizontal | | |
| 4611.875 | 5.99 | 34.59 | 39.17 | 48.09 | 49.50 | 74 | -24.50 | Horizontal | | |
| 7852.148 | 9.39 | 35.70 | 39.01 | 44.47 | 50.55 | 74 | -23.45 | Horizontal | | |
| 9477.513 | 10.04 | 37.08 | 38.01 | 43.87 | 52.98 | 74 | -21.02 | Horizontal | | |
| 10400.000 | 9.94 | 37.02 | 37.92 | 43.91 | 52.95 | 74 | -21.05 | Horizontal | | |
| 15600.000 | 12.97 | 39.50 | 41.19 | 41.04 | 52.32 | 74 | -21.68 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 144 of 193

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5240 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3524.966 | 6.96 | 32.92 | 38.75 | 46.89 | 48.02 | 74 | -25.98 | Vertical | | |
| 4670.083 | 6.12 | 34.62 | 39.19 | 47.43 | 48.98 | 74 | -25.02 | Vertical | | |
| 7796.073 | 9.38 | 35.66 | 39.02 | 45.91 | 51.93 | 74 | -22.07 | Vertical | | |
| 9460.546 | 10.03 | 37.05 | 38.02 | 43.57 | 52.63 | 74 | -21.37 | Vertical | | |
| 10480.000 | 9.97 | 37.30 | 37.96 | 42.98 | 52.29 | 74 | -21.71 | Vertical | | |
| 15720.000 | 12.96 | 39.74 | 41.23 | 41.15 | 52.62 | 74 | -21.38 | Vertical | | |
| 3537.620 | 6.95 | 32.93 | 38.76 | 47.80 | 48.92 | 74 | -25.08 | Horizontal | | |
| 4620.146 | 6.01 | 34.59 | 39.18 | 48.32 | 49.74 | 74 | -24.26 | Horizontal | | |
| 7335.314 | 9.09 | 35.49 | 39.06 | 47.28 | 52.80 | 74 | -21.20 | Horizontal | | |
| 9460.546 | 10.03 | 37.05 | 38.02 | 43.81 | 52.87 | 74 | -21.13 | Horizontal | | |
| 10480.000 | 9.97 | 37.30 | 37.96 | 43.41 | 52.72 | 74 | -21.28 | Horizontal | | |
| 15720.000 | 12.96 | 39.74 | 41.23 | 41.44 | 52.91 | 74 | -21.09 | Horizontal | | |

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5260 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3298.855 | 7.36 | 32.52 | 38.65 | 46.13 | 47.36 | 74 | -26.64 | Vertical | | |
| 3960.360 | 6.71 | 33.43 | 38.93 | 46.47 | 47.68 | 74 | -26.32 | Vertical | | |
| 4771.583 | 6.35 | 34.68 | 39.23 | 47.54 | 49.34 | 74 | -24.66 | Vertical | | |
| 8124.064 | 9.47 | 35.83 | 38.91 | 44.01 | 50.40 | 74 | -23.60 | Vertical | | |
| 10520.000 | 9.96 | 37.23 | 37.95 | 42.80 | 52.04 | 74 | -21.96 | Vertical | | |
| 15780.000 | 12.96 | 39.68 | 41.22 | 41.72 | 53.14 | 74 | -20.86 | Vertical | | |
| 3310.698 | 7.33 | 32.55 | 38.65 | 45.87 | 47.10 | 74 | -26.90 | Horizontal | | |
| 3918.012 | 6.73 | 33.36 | 38.92 | 46.19 | 47.36 | 74 | -26.64 | Horizontal | | |
| 4578.940 | 5.91 | 34.55 | 39.16 | 46.17 | 47.47 | 74 | -26.53 | Horizontal | | |
| 8211.874 | 9.51 | 35.85 | 38.85 | 42.27 | 48.78 | 74 | -25.22 | Horizontal | | |
| 10520.000 | 9.93 | 37.07 | 37.90 | 43.25 | 52.35 | 74 | -21.65 | Horizontal | | |
| 15780.000 | 12.97 | 39.44 | 41.18 | 42.26 | 53.49 | 74 | -20.51 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 145 of 193

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5300 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3292.950 | 7.37 | 32.50 | 38.65 | 45.08 | 46.30 | 74 | -27.70 | Vertical | | |
| 3620.989 | 6.90 | 33.02 | 38.79 | 44.91 | 46.04 | 74 | -27.96 | Vertical | | |
| 4254.620 | 6.19 | 34.06 | 39.05 | 45.47 | 46.67 | 74 | -27.33 | Vertical | | |
| 4840.471 | 6.50 | 34.74 | 39.25 | 46.14 | 48.13 | 74 | -25.87 | Vertical | | |
| 10580.000 | 9.93 | 37.07 | 37.90 | 41.41 | 50.51 | 74 | -23.49 | Vertical | | |
| 15870.000 | 12.97 | 39.44 | 41.18 | 40.28 | 51.51 | 74 | -22.49 | Vertical | | |
| 3370.552 | 7.22 | 32.70 | 38.68 | 46.81 | 48.05 | 74 | -25.95 | Horizontal | | |
| 4164.117 | 6.36 | 33.90 | 39.01 | 46.46 | 47.71 | 74 | -26.29 | Horizontal | | |
| 5135.310 | 6.96 | 34.87 | 39.28 | 48.02 | 50.57 | 74 | -23.43 | Horizontal | | |
| 8665.363 | 9.67 | 35.93 | 38.53 | 40.58 | 47.65 | 74 | -26.35 | Horizontal | | |
| 10580.000 | 9.96 | 37.23 | 37.95 | 43.29 | 52.53 | 74 | -21.47 | Horizontal | | |
| 15870.000 | 12.96 | 39.68 | 41.22 | 41.90 | 53.32 | 74 | -20.68 | Horizontal | | |

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5320 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3666.690 | 6.87 | 33.05 | 38.81 | 43.97 | 45.08 | 74 | -28.92 | Vertical | | |
| 4831.806 | 6.48 | 34.73 | 39.25 | 45.10 | 47.06 | 74 | -26.94 | Vertical | | |
| 7754.279 | 9.37 | 35.62 | 39.02 | 43.84 | 49.81 | 74 | -24.19 | Vertical | | |
| 9562.801 | 10.01 | 37.23 | 37.96 | 43.15 | 52.43 | 74 | -21.57 | Vertical | | |
| 10640.000 | 10.39 | 38.23 | 38.47 | 43.43 | 53.58 | 74 | -20.42 | Vertical | | |
| 15960.000 | 16.25 | 40.99 | 41.69 | 37.97 | 53.52 | 74 | -20.48 | Vertical | | |
| 3493.527 | 6.98 | 32.88 | 38.74 | 46.14 | 47.26 | 74 | -26.74 | Horizontal | | |
| 4720.560 | 6.23 | 34.65 | 39.21 | 47.14 | 48.81 | 74 | -25.19 | Horizontal | | |
| 7685.120 | 9.35 | 35.56 | 39.03 | 46.42 | 52.30 | 74 | -21.70 | Horizontal | | |
| 9545.682 | 10.02 | 37.20 | 37.97 | 43.10 | 52.35 | 74 | -21.65 | Horizontal | | |
| 10640.000 | 10.39 | 38.23 | 38.47 | 41.12 | 51.27 | 74 | -22.73 | Horizontal | | |
| 15960.000 | 16.25 | 40.99 | 41.69 | 36.69 | 52.24 | 74 | -21.76 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 146 of 193

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5500 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3269.434 | 7.42 | 32.44 | 38.63 | 47.30 | 48.53 | 74 | -25.47 | Vertical | | |
| 4628.432 | 6.03 | 34.60 | 39.18 | 48.67 | 50.12 | 74 | -23.88 | Vertical | | |
| 7838.091 | 9.39 | 35.69 | 39.01 | 45.01 | 51.08 | 74 | -22.92 | Vertical | | |
| 9545.682 | 10.02 | 37.20 | 37.97 | 44.09 | 53.34 | 74 | -20.66 | Vertical | | |
| 11000.000 | 10.43 | 38.29 | 38.51 | 43.11 | 53.32 | 74 | -20.68 | Vertical | | |
| 16500.000 | 16.03 | 40.95 | 41.73 | 37.18 | 52.43 | 74 | -21.57 | Vertical | | |
| 3449.984 | 7.06 | 32.84 | 38.72 | 46.49 | 47.67 | 74 | -26.33 | Horizontal | | |
| 4670.083 | 6.12 | 34.62 | 39.19 | 47.38 | 48.93 | 74 | -25.07 | Horizontal | | |
| 7295.991 | 9.04 | 35.53 | 39.06 | 46.57 | 52.08 | 74 | -21.92 | Horizontal | | |
| 9259.305 | 9.91 | 36.64 | 38.15 | 42.90 | 51.30 | 74 | -22.70 | Horizontal | | |
| 11000.000 | 10.43 | 38.29 | 38.51 | 42.30 | 52.51 | 74 | -21.49 | Horizontal | | |
| 16500.000 | 16.03 | 40.95 | 41.73 | 37.62 | 52.87 | 74 | -21.13 | Horizontal | | |

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5600 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3269.434 | 7.42 | 32.44 | 38.63 | 45.35 | 46.58 | 74 | -27.42 | Vertical | | |
| 3932.078 | 6.73 | 33.38 | 38.92 | 46.19 | 47.38 | 74 | -26.62 | Vertical | | |
| 4840.471 | 6.50 | 34.74 | 39.25 | 46.72 | 48.71 | 74 | -25.29 | Vertical | | |
| 8182.499 | 9.50 | 35.85 | 38.87 | 41.96 | 48.44 | 74 | -25.56 | Vertical | | |
| 10420.000 | 9.95 | 37.09 | 37.93 | 42.18 | 51.29 | 74 | -22.71 | Vertical | | |
| 15630.000 | 12.97 | 39.56 | 41.20 | 42.22 | 53.55 | 74 | -20.45 | Vertical | | |
| 3524.966 | 6.96 | 32.92 | 38.75 | 47.36 | 48.49 | 74 | -25.51 | Horizontal | | |
| 4354.885 | 6.00 | 34.20 | 39.08 | 48.17 | 49.29 | 74 | -24.71 | Horizontal | | |
| 5135.310 | 6.96 | 34.87 | 39.28 | 47.93 | 50.48 | 74 | -23.52 | Horizontal | | |
| 8109.521 | 9.47 | 35.83 | 38.92 | 43.31 | 49.69 | 74 | -24.31 | Horizontal | | |
| 10420.000 | 9.95 | 37.09 | 37.93 | 43.19 | 52.30 | 74 | -21.70 | Horizontal | | |
| 15630.000 | 12.97 | 39.56 | 41.20 | 41.06 | 52.39 | 74 | -21.61 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 147 of 193

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5700 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3346.482 | 7.26 | 32.64 | 38.67 | 45.89 | 47.12 | 74 | -26.88 | Vertical | | |
| 4678.458 | 6.14 | 34.63 | 39.20 | 47.48 | 49.05 | 74 | -24.95 | Vertical | | |
| 7282.930 | 9.02 | 35.55 | 39.06 | 47.49 | 53.00 | 74 | -21.00 | Vertical | | |
| 9477.513 | 10.04 | 37.08 | 38.01 | 42.88 | 51.99 | 74 | -22.01 | Vertical | | |
| 11400.000 | 7.73 | 35.85 | 39.21 | 48.61 | 52.98 | 74 | -21.02 | Vertical | | |
| 17100.000 | 16.14 | 40.97 | 41.71 | 37.33 | 52.73 | 74 | -21.27 | Vertical | | |
| 3518.655 | 6.96 | 32.91 | 38.75 | 46.10 | 47.22 | 74 | -26.78 | Horizontal | | |
| 4703.674 | 6.20 | 34.64 | 39.20 | 46.86 | 48.50 | 74 | -25.50 | Horizontal | | |
| 7361.648 | 9.13 | 35.46 | 39.05 | 45.13 | 50.67 | 74 | -23.33 | Horizontal | | |
| 9409.829 | 10.00 | 36.96 | 38.05 | 42.62 | 51.53 | 74 | -22.47 | Horizontal | | |
| 11400.000 | 10.41 | 38.26 | 38.49 | 42.95 | 53.13 | 74 | -20.87 | Horizontal | | |
| 17100.000 | 16.14 | 40.97 | 41.71 | 37.46 | 52.86 | 74 | -21.14 | Horizontal | | |

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5745 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3340.491 | 7.28 | 32.63 | 38.67 | 47.58 | 48.82 | 74 | -25.18 | Vertical | | |
| 4780.140 | 6.37 | 34.69 | 39.23 | 48.00 | 49.83 | 74 | -24.17 | Vertical | | |
| 7824.060 | 9.38 | 35.68 | 39.01 | 45.24 | 51.29 | 74 | -22.71 | Vertical | | |
| 9477.513 | 10.04 | 37.08 | 38.01 | 43.66 | 52.77 | 74 | -21.23 | Vertical | | |
| 11490.000 | 10.39 | 38.22 | 38.46 | 42.23 | 52.38 | 74 | -21.62 | Vertical | | |
| 17235.000 | 16.31 | 41.01 | 41.69 | 37.82 | 53.45 | 74 | -20.55 | Vertical | | |
| 3352.483 | 7.25 | 32.66 | 38.67 | 47.04 | 48.28 | 74 | -25.72 | Horizontal | | |
| 4645.047 | 6.06 | 34.61 | 39.18 | 48.47 | 49.96 | 74 | -24.04 | Horizontal | | |
| 6587.637 | 8.09 | 35.73 | 39.12 | 48.98 | 53.68 | 74 | -20.32 | Horizontal | | |
| 9460.546 | 10.03 | 37.05 | 38.02 | 43.77 | 52.83 | 74 | -21.17 | Horizontal | | |
| 11490.000 | 10.39 | 38.22 | 38.46 | 42.51 | 52.66 | 74 | -21.34 | Horizontal | | |
| 17235.000 | 16.31 | 41.01 | 41.69 | 37.34 | 52.97 | 74 | -21.03 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 148 of 193

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5785 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3382.653 | 7.19 | 32.74 | 38.69 | 46.21 | 47.45 | 74 | -26.55 | Vertical | | |
| 4645.047 | 6.06 | 34.61 | 39.18 | 47.56 | 49.05 | 74 | -24.95 | Vertical | | |
| 7322.183 | 9.08 | 35.50 | 39.06 | 46.40 | 51.92 | 74 | -22.08 | Vertical | | |
| 9359.385 | 9.97 | 36.85 | 38.09 | 42.40 | 51.13 | 74 | -22.87 | Vertical | | |
| 11570.000 | 10.42 | 38.28 | 38.50 | 42.08 | 52.28 | 74 | -21.72 | Vertical | | |
| 17355.000 | 16.08 | 40.96 | 41.72 | 37.51 | 52.83 | 74 | -21.17 | Vertical | | |
| 3394.796 | 7.17 | 32.77 | 38.69 | 46.52 | 47.77 | 74 | -26.23 | Horizontal | | |
| 4754.514 | 6.31 | 34.67 | 39.22 | 46.49 | 48.25 | 74 | -25.75 | Horizontal | | |
| 7852.148 | 9.39 | 35.70 | 39.01 | 43.37 | 49.45 | 74 | -24.55 | Horizontal | | |
| 9443.610 | 10.02 | 37.02 | 38.03 | 42.34 | 51.35 | 74 | -22.65 | Horizontal | | |
| 11570.000 | 10.42 | 38.28 | 38.50 | 40.63 | 50.83 | 74 | -23.17 | Horizontal | | |
| 17355.000 | 16.08 | 40.96 | 41.72 | 37.12 | 52.44 | 74 | -21.56 | Horizontal | | |

| Test mode: | | 802.11n(HT20) | | Frequency(MHz): | | 5825 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3588.694 | 6.92 | 32.99 | 38.78 | 45.08 | 46.21 | 74 | -27.79 | Vertical | | |
| 4513.773 | 5.76 | 34.44 | 39.14 | 46.88 | 47.94 | 74 | -26.06 | Vertical | | |
| 7852.148 | 9.39 | 35.70 | 39.01 | 43.55 | 49.63 | 74 | -24.37 | Vertical | | |
| 9409.829 | 10.00 | 36.96 | 38.05 | 42.31 | 51.22 | 74 | -22.78 | Vertical | | |
| 11650.000 | 10.46 | 38.35 | 38.54 | 42.34 | 52.61 | 74 | -21.39 | Vertical | | |
| 17475.000 | 15.86 | 40.91 | 41.75 | 37.20 | 52.22 | 74 | -21.78 | Vertical | | |
| 3406.983 | 7.15 | 32.79 | 38.70 | 46.64 | 47.88 | 74 | -26.12 | Horizontal | | |
| 4771.583 | 6.35 | 34.68 | 39.23 | 47.27 | 49.07 | 74 | -24.93 | Horizontal | | |
| 7374.850 | 9.15 | 35.45 | 39.05 | 44.99 | 50.54 | 74 | -23.46 | Horizontal | | |
| 9392.984 | 9.99 | 36.93 | 38.06 | 43.14 | 52.00 | 74 | -22.00 | Horizontal | | |
| 11650.000 | 10.46 | 38.35 | 38.54 | 42.68 | 52.95 | 74 | -21.05 | Horizontal | | |
| 17475.000 | 15.86 | 40.91 | 41.75 | 37.80 | 52.82 | 74 | -21.18 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303
Page: 149 of 193

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5190 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3413.093 | 7.13 | 32.79 | 38.70 | 48.61 | 49.83 | 74 | -24.17 | Vertical | | |
| 4661.723 | 6.10 | 34.62 | 39.19 | 48.88 | 50.41 | 74 | -23.59 | Vertical | | |
| 7740.397 | 9.36 | 35.61 | 39.02 | 47.79 | 53.74 | 74 | -20.26 | Vertical | | |
| 9494.509 | 10.05 | 37.11 | 38.00 | 44.10 | 53.26 | 74 | -20.74 | Vertical | | |
| 10380.000 | 9.93 | 37.07 | 37.90 | 43.19 | 52.29 | 74 | -21.71 | Vertical | | |
| 15570.000 | 12.97 | 39.44 | 41.18 | 42.08 | 53.31 | 74 | -20.69 | Vertical | | |
| 3773.328 | 6.81 | 33.13 | 38.86 | 48.65 | 49.73 | 74 | -24.27 | Horizontal | | |
| 4703.674 | 6.20 | 34.64 | 39.20 | 50.20 | 51.84 | 74 | -22.16 | Horizontal | | |
| 7796.073 | 9.38 | 35.66 | 39.02 | 47.15 | 53.17 | 74 | -20.83 | Horizontal | | |
| 9494.509 | 10.05 | 37.11 | 38.00 | 44.13 | 53.29 | 74 | -20.71 | Horizontal | | |
| 10380.000 | 9.93 | 37.07 | 37.90 | 43.01 | 52.11 | 74 | -21.89 | Horizontal | | |
| 15570.000 | 12.97 | 39.44 | 41.18 | 40.99 | 52.22 | 74 | -21.78 | Horizontal | | |

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5230 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3370.552 | 7.22 | 32.70 | 38.68 | 47.52 | 48.76 | 74 | -25.24 | Vertical | | |
| 3918.012 | 6.73 | 33.36 | 38.92 | 46.82 | 47.99 | 74 | -26.01 | Vertical | | |
| 4840.471 | 6.50 | 34.74 | 39.25 | 46.83 | 48.82 | 74 | -25.18 | Vertical | | |
| 8665.363 | 9.67 | 35.93 | 38.53 | 40.32 | 47.39 | 74 | -26.61 | Vertical | | |
| 10420.000 | 9.96 | 37.23 | 37.95 | 43.11 | 52.35 | 74 | -21.65 | Vertical | | |
| 15630.000 | 12.96 | 39.68 | 41.22 | 41.00 | 52.42 | 74 | -21.58 | Vertical | | |
| 3334.511 | 7.29 | 32.61 | 38.67 | 47.07 | 48.30 | 74 | -25.70 | Horizontal | | |
| 4231.812 | 6.23 | 34.03 | 39.04 | 46.63 | 47.85 | 74 | -26.15 | Horizontal | | |
| 5089.509 | 6.92 | 34.88 | 39.29 | 47.30 | 49.81 | 74 | -24.19 | Horizontal | | |
| 8618.910 | 9.66 | 35.91 | 38.57 | 41.23 | 48.23 | 74 | -25.77 | Horizontal | | |
| 10420.000 | 9.96 | 37.23 | 37.95 | 43.50 | 52.74 | 74 | -21.26 | Horizontal | | |
| 15630.000 | 12.96 | 39.68 | 41.22 | 42.32 | 53.74 | 74 | -20.26 | Horizontal | | |



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 150 of 193

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5270 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3316.635 | 7.32 | 32.56 | 38.66 | 46.57 | 47.79 | 74 | -26.21 | Vertical | | |
| 4216.674 | 6.26 | 34.00 | 39.03 | 47.22 | 48.45 | 74 | -25.55 | Vertical | | |
| 5144.519 | 6.97 | 34.86 | 39.28 | 47.55 | 50.10 | 74 | -23.90 | Vertical | | |
| 8680.904 | 9.68 | 35.93 | 38.52 | 40.98 | 48.07 | 74 | -25.93 | Vertical | | |
| 10540.000 | 9.95 | 37.09 | 37.93 | 43.36 | 52.47 | 74 | -21.53 | Vertical | | |
| 15810.000 | 12.97 | 39.56 | 41.20 | 41.37 | 52.70 | 74 | -21.30 | Vertical | | |
| 3413.093 | 7.13 | 32.79 | 38.70 | 47.72 | 48.94 | 74 | -25.06 | Horizontal | | |
| 4262.250 | 6.17 | 34.07 | 39.05 | 46.98 | 48.17 | 74 | -25.83 | Horizontal | | |
| 5116.940 | 6.95 | 34.87 | 39.29 | 46.53 | 49.06 | 74 | -24.94 | Horizontal | | |
| 7965.512 | 9.41 | 35.78 | 39.00 | 41.48 | 47.67 | 74 | -26.33 | Horizontal | | |
| 10540.000 | 9.93 | 37.07 | 37.90 | 41.38 | 50.48 | 74 | -23.52 | Horizontal | | |
| 15810.000 | 12.97 | 39.44 | 41.18 | 40.92 | 52.15 | 74 | -21.85 | Horizontal | | |

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5310 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3304.771 | 7.35 | 32.53 | 38.65 | 45.52 | 46.75 | 74 | -27.25 | Vertical | | |
| 3918.012 | 6.73 | 33.36 | 38.92 | 46.23 | 47.40 | 74 | -26.60 | Vertical | | |
| 5107.780 | 6.94 | 34.87 | 39.29 | 46.54 | 49.06 | 74 | -24.94 | Vertical | | |
| 8649.852 | 9.67 | 35.92 | 38.54 | 39.29 | 46.34 | 74 | -27.66 | Vertical | | |
| 10620.000 | 9.95 | 37.09 | 37.93 | 42.80 | 51.91 | 74 | -22.09 | Vertical | | |
| 15930.000 | 12.97 | 39.56 | 41.20 | 41.55 | 52.88 | 74 | -21.12 | Vertical | | |
| 3719.627 | 6.84 | 33.09 | 38.84 | 47.99 | 49.08 | 74 | -24.92 | Horizontal | | |
| 4521.868 | 5.78 | 34.46 | 39.14 | 47.35 | 48.45 | 74 | -25.55 | Horizontal | | |
| 5399.517 | 7.19 | 34.78 | 39.25 | 48.38 | 51.10 | 74 | -22.90 | Horizontal | | |
| 8285.772 | 9.54 | 35.83 | 38.80 | 42.28 | 48.85 | 74 | -25.15 | Horizontal | | |
| 10620.000 | 9.93 | 37.07 | 37.90 | 42.09 | 51.19 | 74 | -22.81 | Horizontal | | |
| 15930.000 | 12.97 | 39.44 | 41.18 | 41.16 | 52.39 | 74 | -21.61 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 151 of 193

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5510 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3462.369 | 7.04 | 32.85 | 38.72 | 49.14 | 50.31 | 74 | -23.69 | Vertical | | |
| 4919.161 | 6.67 | 34.82 | 39.27 | 48.41 | 50.63 | 74 | -23.37 | Vertical | | |
| 7521.645 | 9.31 | 35.46 | 39.04 | 46.34 | 52.07 | 74 | -21.93 | Vertical | | |
| 9477.513 | 10.04 | 37.08 | 38.01 | 44.20 | 53.31 | 74 | -20.69 | Vertical | | |
| 11020.000 | 10.39 | 38.23 | 38.47 | 42.13 | 52.28 | 74 | -21.72 | Vertical | | |
| 16530.000 | 16.25 | 40.99 | 41.69 | 37.31 | 52.86 | 74 | -21.14 | Vertical | | |
| 3468.578 | 7.03 | 32.86 | 38.73 | 46.80 | 47.96 | 74 | -26.04 | Horizontal | | |
| 4754.514 | 6.31 | 34.67 | 39.22 | 47.38 | 49.14 | 74 | -24.86 | Horizontal | | |
| 7824.060 | 9.38 | 35.68 | 39.01 | 45.66 | 51.71 | 74 | -22.29 | Horizontal | | |
| 9562.801 | 10.01 | 37.23 | 37.96 | 43.82 | 53.10 | 74 | -20.90 | Horizontal | | |
| 11020.000 | 10.39 | 38.23 | 38.47 | 43.02 | 53.17 | 74 | -20.83 | Horizontal | | |
| 16530.000 | 16.25 | 40.99 | 41.69 | 36.92 | 52.47 | 74 | -21.53 | Horizontal | | |

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5590 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3388.719 | 7.18 | 32.75 | 38.69 | 47.42 | 48.66 | 74 | -25.34 | Vertical | | |
| 4763.041 | 6.33 | 34.68 | 39.22 | 47.59 | 49.38 | 74 | -24.62 | Vertical | | |
| 8138.634 | 9.48 | 35.83 | 38.90 | 43.89 | 50.30 | 74 | -23.70 | Vertical | | |
| 9494.509 | 10.05 | 37.11 | 38.00 | 43.47 | 52.63 | 74 | -21.37 | Vertical | | |
| 11100.000 | 10.43 | 38.29 | 38.51 | 41.91 | 52.12 | 74 | -21.88 | Vertical | | |
| 16650.000 | 16.03 | 40.95 | 41.73 | 37.45 | 52.70 | 74 | -21.30 | Vertical | | |
| 3388.719 | 7.18 | 32.75 | 38.69 | 47.42 | 48.66 | 74 | -25.34 | Horizontal | | |
| 4763.041 | 6.33 | 34.68 | 39.22 | 47.59 | 49.38 | 74 | -24.62 | Horizontal | | |
| 8138.634 | 9.48 | 35.83 | 38.90 | 43.89 | 50.30 | 74 | -23.70 | Horizontal | | |
| 9494.509 | 10.05 | 37.11 | 38.00 | 43.47 | 52.63 | 74 | -21.37 | Horizontal | | |
| 11100.000 | 10.43 | 38.29 | 38.51 | 41.91 | 52.12 | 74 | -21.88 | Horizontal | | |
| 16500.000 | 16.03 | 40.95 | 41.73 | 37.45 | 52.70 | 74 | -21.30 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 152 of 193

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5670 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3666.690 | 6.87 | 33.05 | 38.81 | 43.97 | 45.08 | 74 | -28.92 | Vertical | | |
| 4831.806 | 6.48 | 34.73 | 39.25 | 45.10 | 47.06 | 74 | -26.94 | Vertical | | |
| 7754.279 | 9.37 | 35.62 | 39.02 | 43.84 | 49.81 | 74 | -24.19 | Vertical | | |
| 9562.801 | 10.01 | 37.23 | 37.96 | 43.15 | 52.43 | 74 | -21.57 | Vertical | | |
| 11340.000 | 10.39 | 38.23 | 38.47 | 43.43 | 53.58 | 74 | -20.42 | Vertical | | |
| 17010.000 | 16.25 | 40.99 | 41.69 | 37.97 | 53.52 | 74 | -20.48 | Vertical | | |
| 3493.527 | 6.98 | 32.88 | 38.74 | 46.14 | 47.26 | 74 | -26.74 | Horizontal | | |
| 4720.560 | 6.23 | 34.65 | 39.21 | 47.14 | 48.81 | 74 | -25.19 | Horizontal | | |
| 7685.120 | 9.35 | 35.56 | 39.03 | 46.42 | 52.30 | 74 | -21.70 | Horizontal | | |
| 9545.682 | 10.02 | 37.20 | 37.97 | 43.10 | 52.35 | 74 | -21.65 | Horizontal | | |
| 11340.000 | 10.39 | 38.23 | 38.47 | 41.12 | 51.27 | 74 | -22.73 | Horizontal | | |
| 17010.000 | 16.25 | 40.99 | 41.69 | 36.69 | 52.24 | 74 | -21.76 | Horizontal | | |

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5755 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3419.214 | 7.12 | 32.80 | 38.70 | 48.14 | 49.36 | 74 | -24.64 | Vertical | | |
| 4746.002 | 6.29 | 34.67 | 39.22 | 47.97 | 49.71 | 74 | -24.29 | Vertical | | |
| 7282.930 | 9.02 | 35.55 | 39.06 | 47.77 | 53.28 | 74 | -20.72 | Vertical | | |
| 9494.509 | 10.05 | 37.11 | 38.00 | 43.48 | 52.64 | 74 | -21.36 | Vertical | | |
| 11510.000 | 10.39 | 38.23 | 38.47 | 42.45 | 52.60 | 74 | -21.40 | Vertical | | |
| 17265.000 | 16.25 | 40.99 | 41.69 | 36.99 | 52.54 | 74 | -21.46 | Vertical | | |
| 3481.030 | 7.01 | 32.87 | 38.73 | 47.25 | 48.40 | 74 | -25.60 | Horizontal | | |
| 4661.723 | 6.10 | 34.62 | 39.19 | 48.88 | 50.41 | 74 | -23.59 | Horizontal | | |
| 8420.471 | 9.60 | 35.82 | 38.70 | 45.34 | 52.06 | 74 | -21.94 | Horizontal | | |
| 9275.910 | 9.92 | 36.67 | 38.14 | 42.90 | 51.35 | 74 | -22.65 | Horizontal | | |
| 11510.000 | 10.39 | 38.23 | 38.47 | 41.87 | 52.02 | 74 | -21.98 | Horizontal | | |
| 17265.000 | 16.25 | 40.99 | 41.69 | 36.87 | 52.42 | 74 | -21.58 | Horizontal | | |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 153 of 193

| Test mode: | | 802.11n(HT40) | | Frequency(MHz): | | 5795 | | Remark: | | Peak |
|-----------------|-----------------|-----------------------|--------------------|-------------------|----------------|---------------------|-----------------|--------------|--|------|
| Frequency (MHz) | Cable Loss (dB) | Antenna Factor (dB/m) | Preamp Factor (dB) | Read Level (dBuV) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization | | |
| 3388.719 | 7.18 | 32.75 | 38.69 | 48.29 | 49.53 | 74 | -24.47 | Vertical | | |
| 4754.514 | 6.31 | 34.67 | 39.22 | 48.21 | 49.97 | 74 | -24.03 | Vertical | | |
| 7838.091 | 9.39 | 35.69 | 39.01 | 45.30 | 51.37 | 74 | -22.63 | Vertical | | |
| 9309.210 | 9.94 | 36.75 | 38.12 | 43.42 | 51.99 | 74 | -22.01 | Vertical | | |
| 11590.000 | 10.43 | 38.29 | 38.51 | 43.07 | 53.28 | 74 | -20.72 | Vertical | | |
| 17385.000 | 16.03 | 40.95 | 41.73 | 37.01 | 52.26 | 74 | -21.74 | Vertical | | |
| 3524.966 | 6.96 | 32.92 | 38.75 | 46.89 | 48.02 | 74 | -25.98 | Horizontal | | |
| 4712.109 | 6.22 | 34.65 | 39.21 | 47.52 | 49.18 | 74 | -24.82 | Horizontal | | |
| 7348.469 | 9.11 | 35.48 | 39.05 | 45.56 | 51.10 | 74 | -22.90 | Horizontal | | |
| 9342.630 | 9.96 | 36.82 | 38.10 | 42.70 | 51.38 | 74 | -22.62 | Horizontal | | |
| 11590.000 | 10.43 | 38.29 | 38.51 | 42.38 | 52.59 | 74 | -21.41 | Horizontal | | |
| 17385.000 | 16.03 | 40.95 | 41.73 | 36.79 | 52.04 | 74 | -21.96 | Horizontal | | |

Remark:

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

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

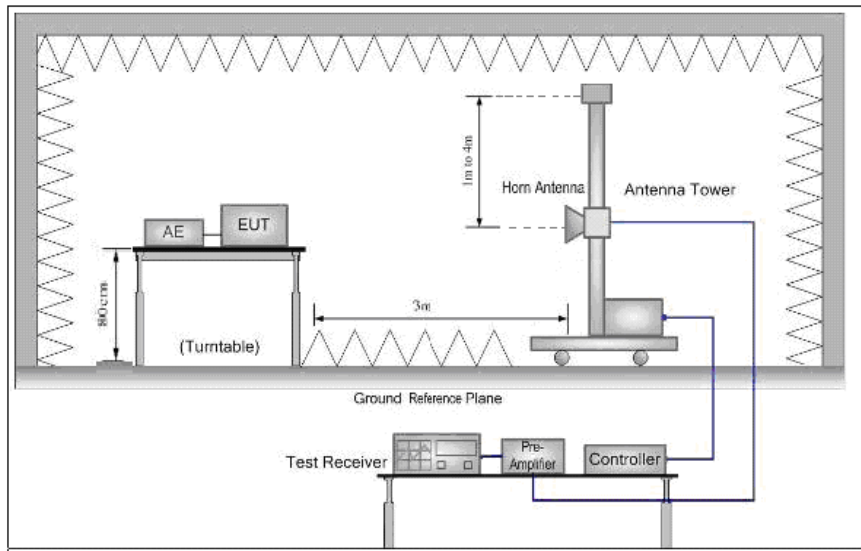
2) Scan from 9kHz to 25GHz, The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported .

3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

6.8 Restricted bands around fundamental frequency

| | | | |
|-------------------|--|--------------------|------------------|
| Test Requirement: | 47 CFR Part 15 Section 15.407(b) | | |
| Test Method: | ANSI C63.10: 2013 | | |
| Test Site: | Measurement Distance: 3m (Semi-Anechoic Chamber) | | |
| Limit: | Frequency | Limit (dBuV/m @3m) | Remark |
| | 30MHz-88MHz | 40.0 | Quasi-peak Value |
| | 88MHz-216MHz | 43.5 | Quasi-peak Value |
| | 216MHz-960MHz | 46.0 | Quasi-peak Value |
| | 960MHz-1GHz | 54.0 | Quasi-peak Value |
| | Above 1GHz | 54.0 | Average Value |
| | | 74.0 | Peak Value |

Test Setup:





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

Report No.: SZEM150700437303

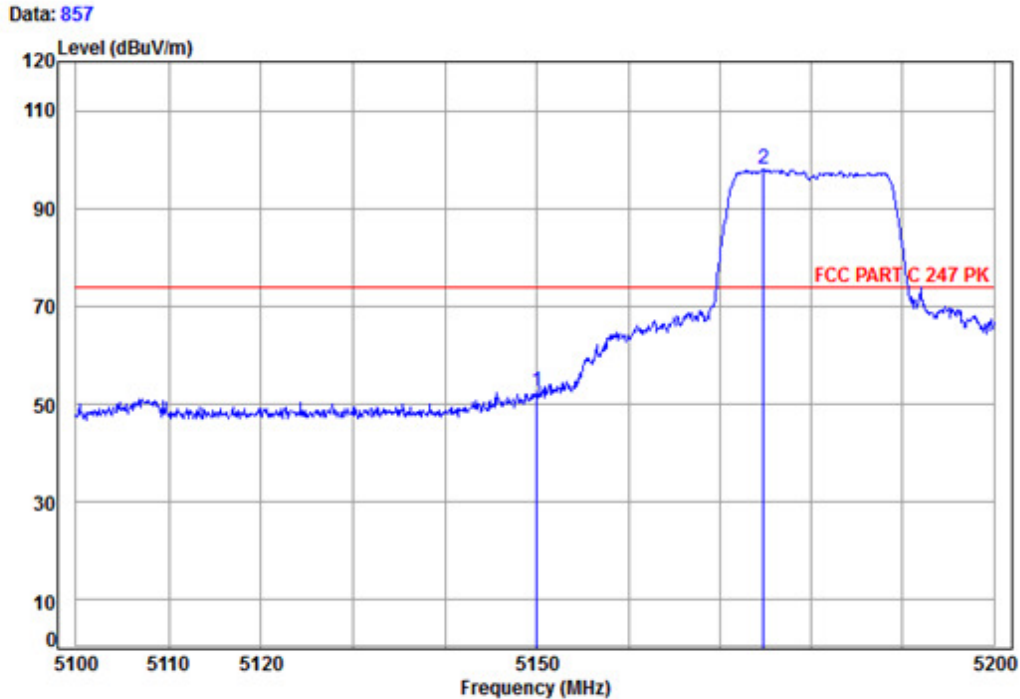
Page: 155 of 193

| | |
|------------------------|---|
| Test Procedure: | <ol style="list-style-type: none">a. 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 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 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. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channelg. Test the EUT in the outermost channels.h. Repeat above procedures until all frequencies measured was complete. |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. |
| Final Test Mode: | Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40). Only the worst case is recorded in the report. Pre-scan was performed at Antenna 0 and Antenna 1, no worst case was found. Only the test data of Antenna 0 was shown in this report. |
| Instruments Used: | Refer to section 5.10 for details. |
| Test Results: | Pass |



Test plot as follows:

| | | | | | | |
|------------|---------|-----------------|------|---------|------|----------|
| Test mode: | 802.11a | Frequency(MHz): | 5180 | Remark: | Peak | Vertical |
|------------|---------|-----------------|------|---------|------|----------|



Site : chamber
Condition: FCC PART C 247 PK 3m Vertical
Job No: : 4373CR
Mode: : 5180 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|-----------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 50.97 | 52.65 | 74.00 | -21.35 |
| 2 pp | 5174.72 | 6.12 | 34.86 | 39.28 | 96.41 | 98.11 | 74.00 | 24.11 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



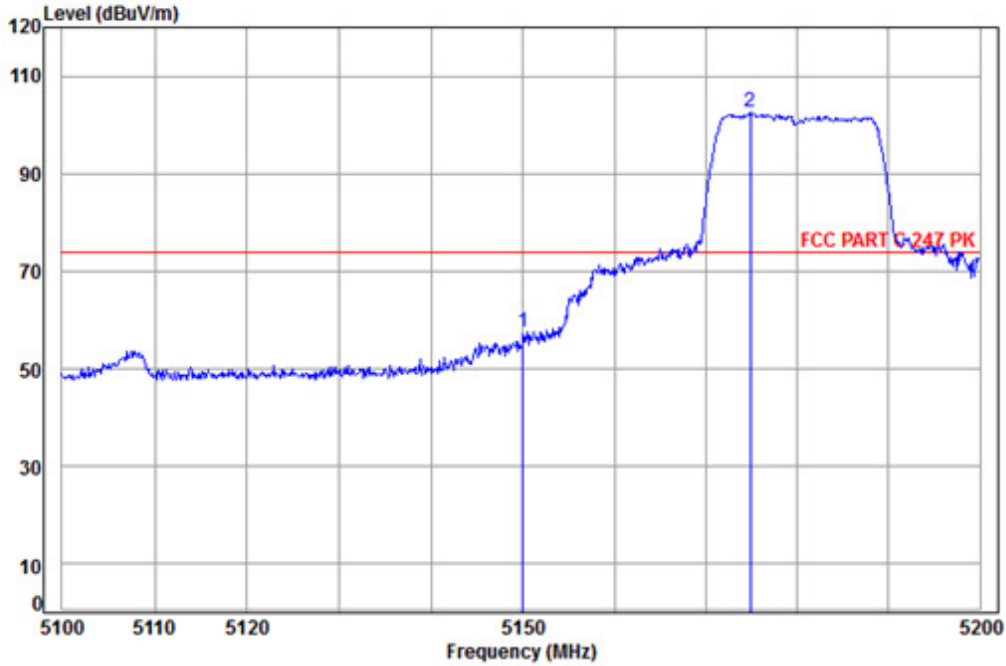
**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZEM150700437303

Page: 157 of 193

| | | | | | | |
|------------|---------|-----------------|------|---------|------|------------|
| Test mode: | 802.11a | Frequency(MHz): | 5180 | Remark: | Peak | Horizontal |
|------------|---------|-----------------|------|---------|------|------------|

Data: 855



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5180 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit | Over |
|------|---------|------------|------------|---------------|------------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 55.87 | 74.00 | -16.45 |
| 2 pp | 5174.82 | 6.12 | 34.86 | 39.28 | 100.81 | 74.00 | 28.51 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



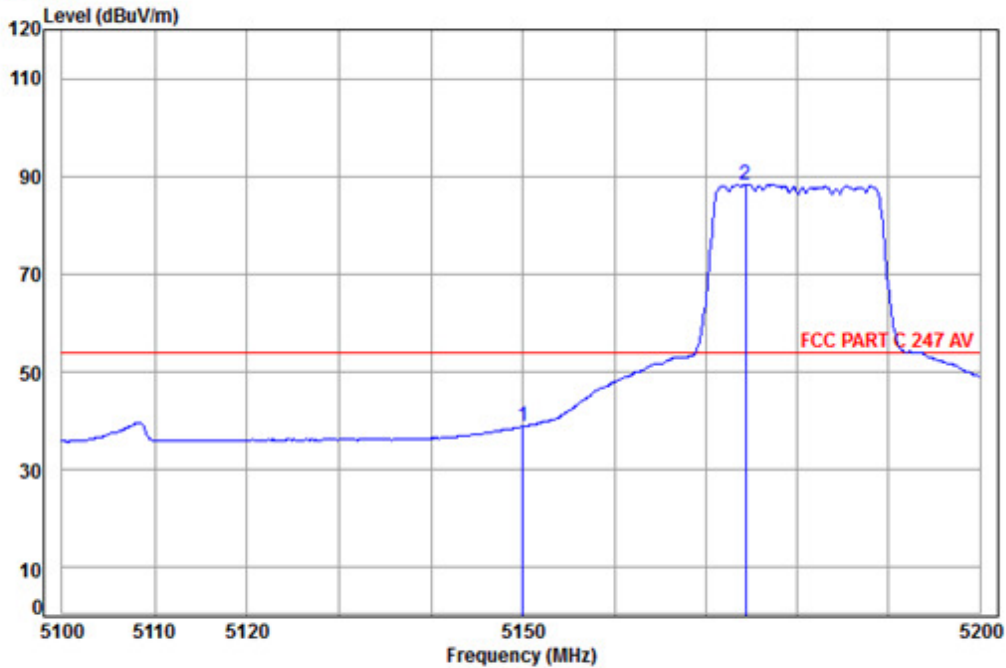
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 158 of 193

| | | | | | | |
|------------|---------|-----------------|------|---------|---------|----------|
| Test mode: | 802.11a | Frequency(MHz): | 5180 | Remark: | Average | Vertical |
|------------|---------|-----------------|------|---------|---------|----------|

Data: 858



Site : chamber
 Condition: FCC PART C 247 AV 3m Vertical
 Job No: : 4373CR
 Mode: : 5180 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 37.24 | 54.00 | -15.08 |
| 2 pp | 5174.32 | 6.12 | 34.86 | 39.28 | 86.60 | 54.00 | 34.30 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

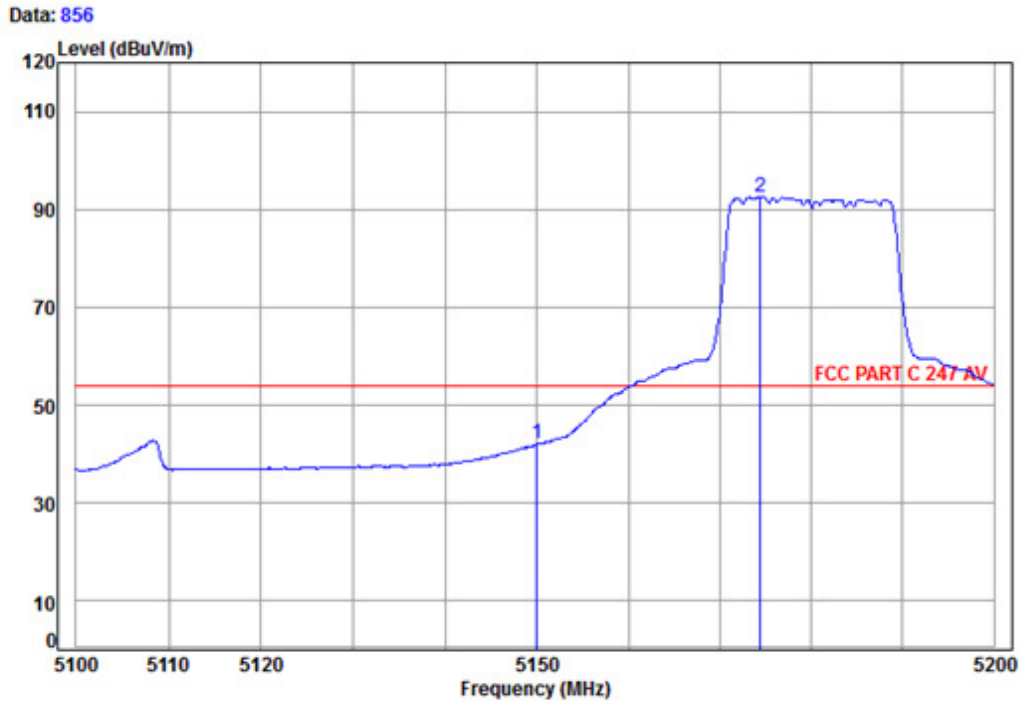


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 159 of 193

| | | | | | | |
|------------|---------|-----------------|------|---------|---------|------------|
| Test mode: | 802.11a | Frequency(MHz): | 5180 | Remark: | Average | Horizontal |
|------------|---------|-----------------|------|---------|---------|------------|



Site : chamber
 Condition: FCC PART C 247 AV 3m Horizontal
 Job No: : 4373CR
 Mode: : 5180 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 40.50 | 54.00 | -11.82 |
| 2 pp | 5174.42 | 6.12 | 34.86 | 39.28 | 90.83 | 54.00 | 38.53 |



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



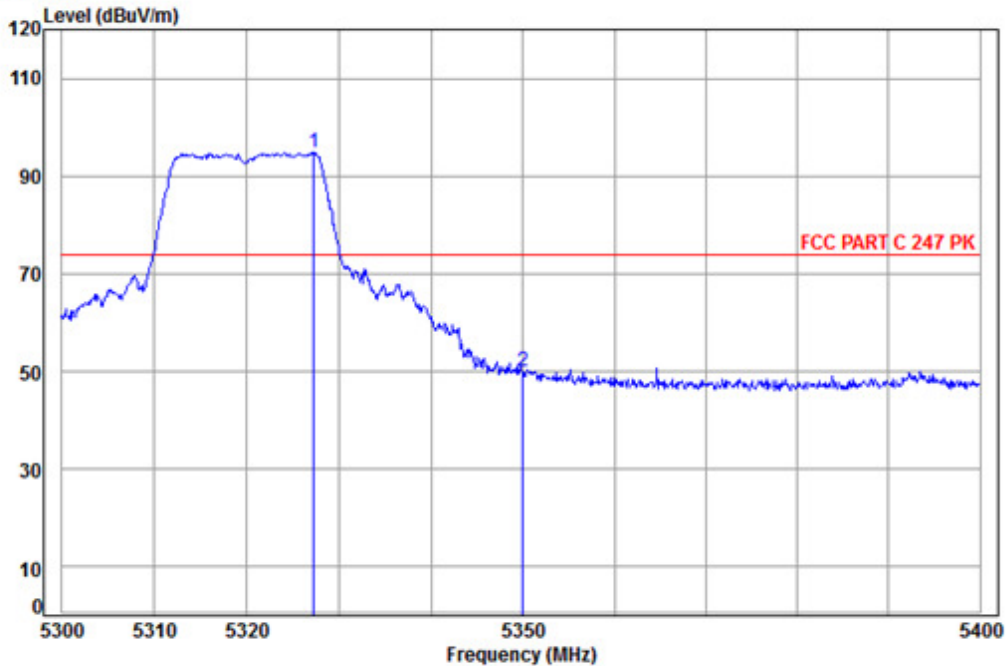
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 160 of 193

| | | | | | | |
|------------|---------|-----------------|------|---------|------|----------|
| Test mode: | 802.11a | Frequency(MHz): | 5320 | Remark: | Peak | Vertical |
|------------|---------|-----------------|------|---------|------|----------|

Data: 829



Site : chamber
 Condition: FCC PART C 247 PK 3m Vertical
 Job No: : 4373CR
 Mode: : 5320 A Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 pp | 5327.21 | 6.24 | 34.81 | 39.26 | 92.96 | 74.00 | 20.75 |
| 2 | 5350.00 | 6.25 | 34.80 | 39.26 | 48.32 | 74.00 | -23.89 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



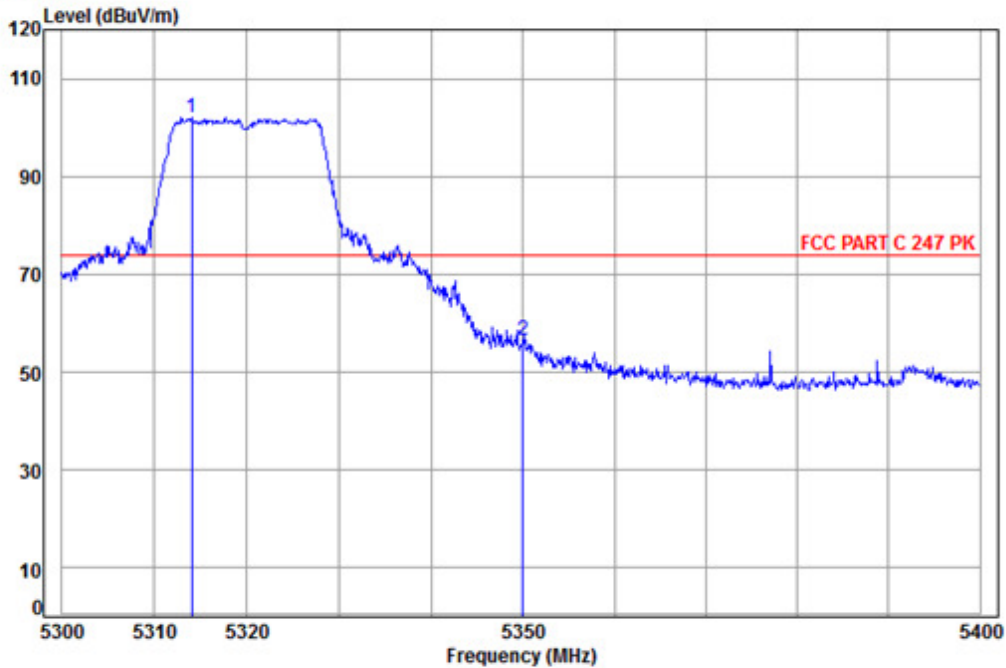
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 161 of 193

| | | | | | | |
|------------|---------|-----------------|------|---------|------|------------|
| Test mode: | 802.11a | Frequency(MHz): | 5320 | Remark: | Peak | Horizontal |
|------------|---------|-----------------|------|---------|------|------------|

Data: 827



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5320 A Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 pp | 5313.99 | 6.23 | 34.81 | 39.26 | 100.12 | 74.00 | 27.90 |
| 2 | 5350.00 | 6.25 | 34.80 | 39.26 | 54.76 | 74.00 | -17.45 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



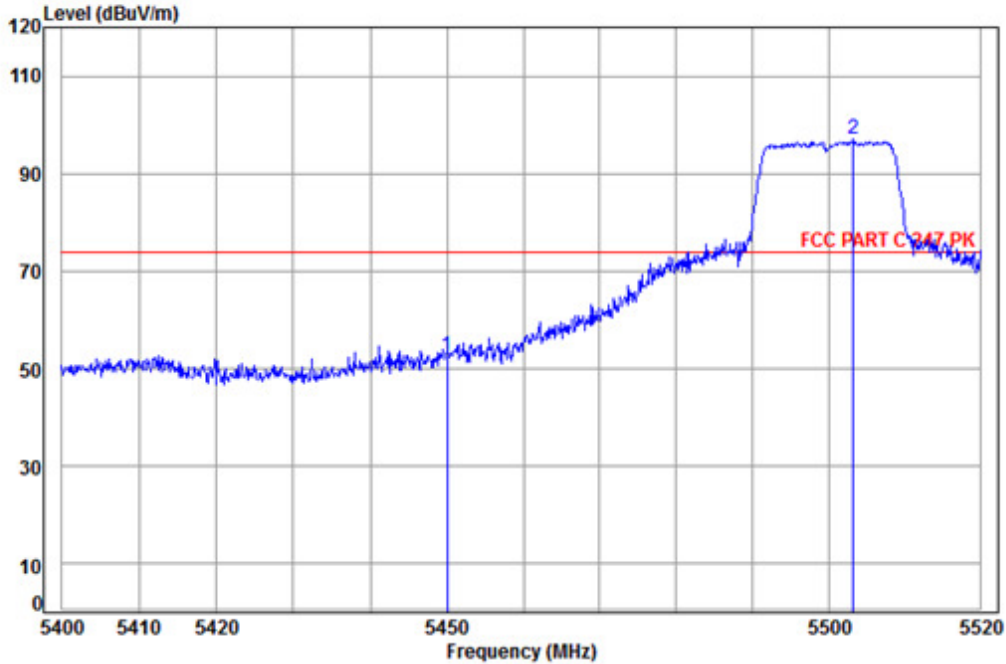
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 162 of 193

| | | | | | | |
|------------|---------|-----------------|------|---------|------|----------|
| Test mode: | 802.11a | Frequency(MHz): | 5500 | Remark: | Peak | Vertical |
|------------|---------|-----------------|------|---------|------|----------|

Data: 839



Site : chamber
 Condition: FCC PART C 247 PK 3m Vertical
 Job No: : 4373CR
 Mode: : 5500 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|-----------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5450.00 | 6.32 | 34.94 | 39.24 | 50.49 | 52.51 | 74.00 | -21.49 |
| 2 pp | 5503.28 | 6.37 | 35.11 | 39.24 | 94.73 | 96.97 | 74.00 | 22.97 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

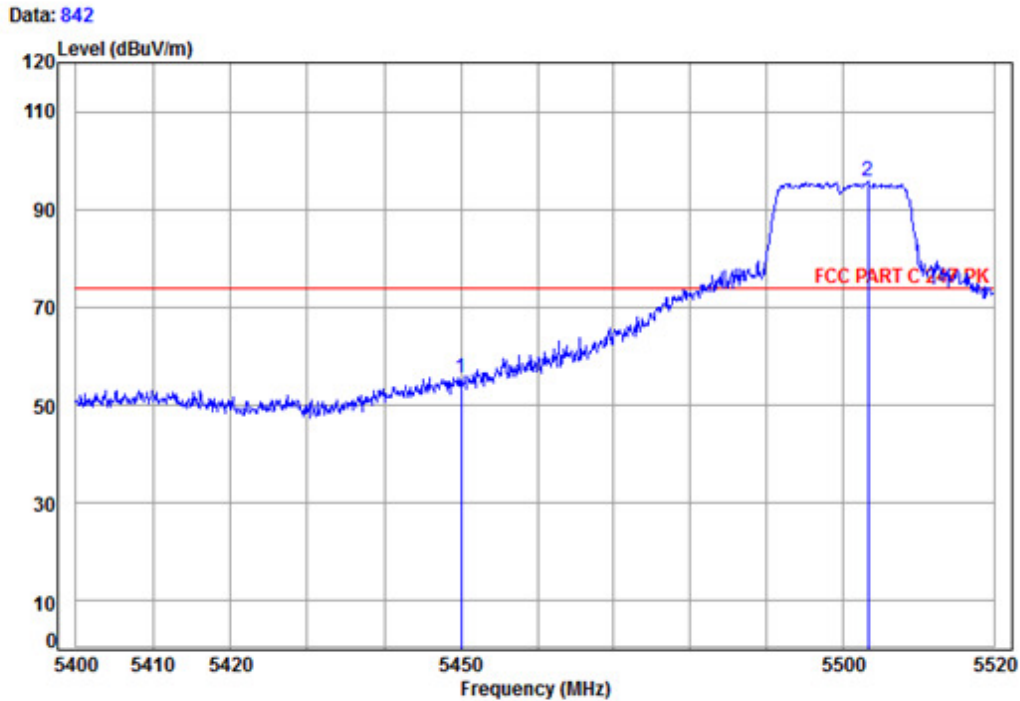


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 163 of 193

| | | | | | | |
|------------|---------|-----------------|------|---------|------|------------|
| Test mode: | 802.11a | Frequency(MHz): | 5500 | Remark: | Peak | Horizontal |
|------------|---------|-----------------|------|---------|------|------------|



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5500 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5450.00 | 6.32 | 34.94 | 39.24 | 53.44 | 74.00 | -18.54 |
| 2 pp | 5503.40 | 6.37 | 35.11 | 39.24 | 93.56 | 74.00 | 21.80 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



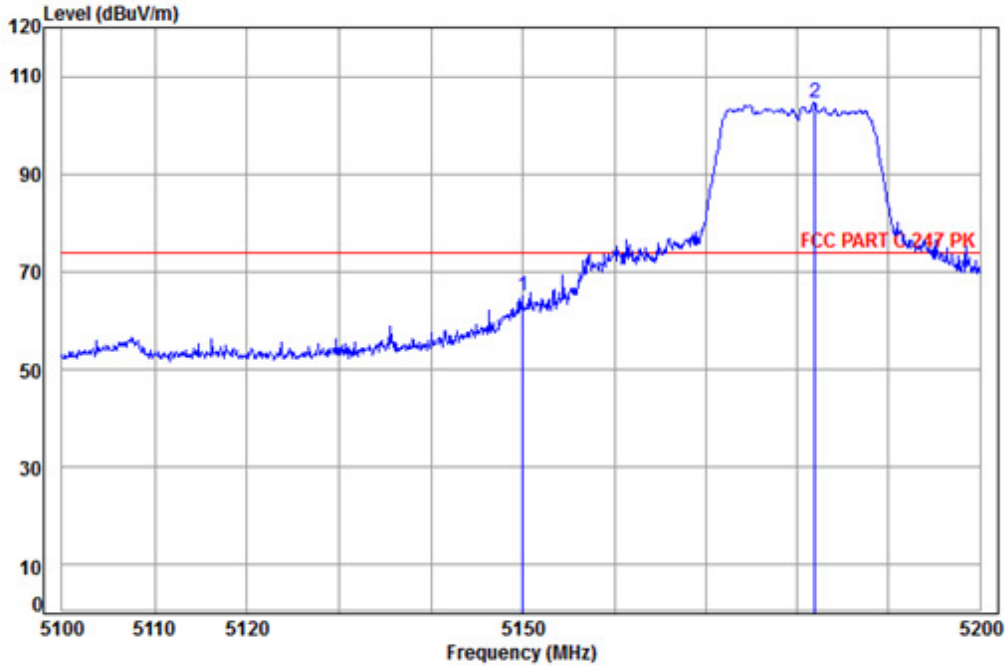
**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZEM150700437303

Page: 164 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|----------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 | Remark: | Peak | Vertical |
|------------|---------------|-----------------|------|---------|------|----------|

Data: 851



Site : chamber
 Condition: FCC PART C 247 PK 3m Vertical
 Job No: : 4373CR
 Mode: : 5180 A Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit | Over |
|------|---------|------------|------------|---------------|------------|--------|-------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 63.29 | 74.00 | -9.03 |
| 2 pp | 5181.86 | 6.13 | 34.85 | 39.28 | 102.80 | 74.00 | 30.50 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



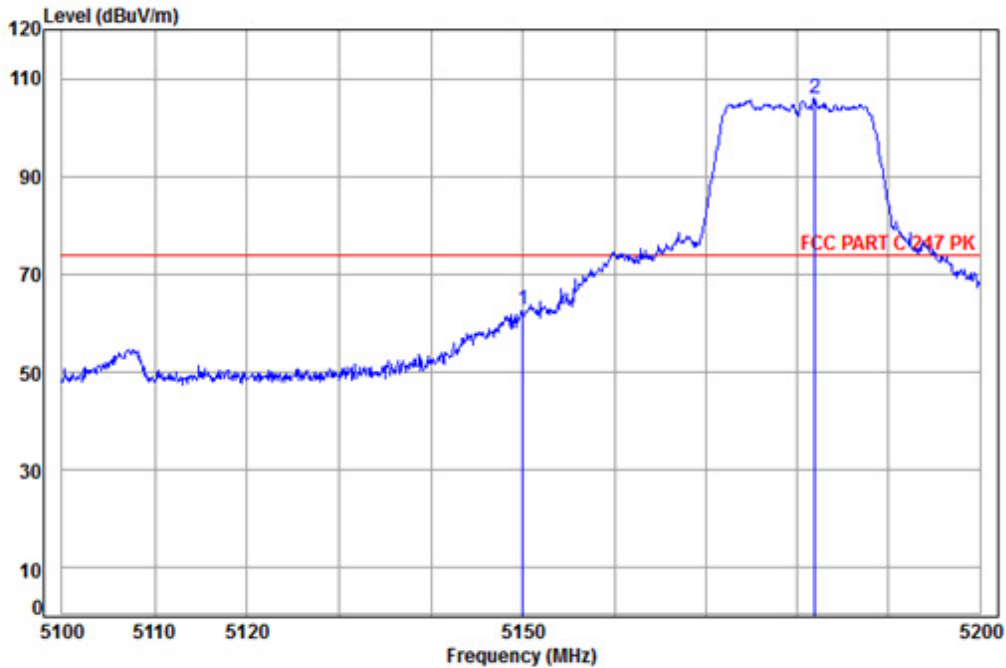
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 165 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|------------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 | Remark: | Peak | Horizontal |
|------------|---------------|-----------------|------|---------|------|------------|

Data: 853



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5180 A Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 60.97 | 74.00 | -11.35 |
| 2 pp | 5181.86 | 6.13 | 34.85 | 39.28 | 104.28 | 74.00 | 31.98 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



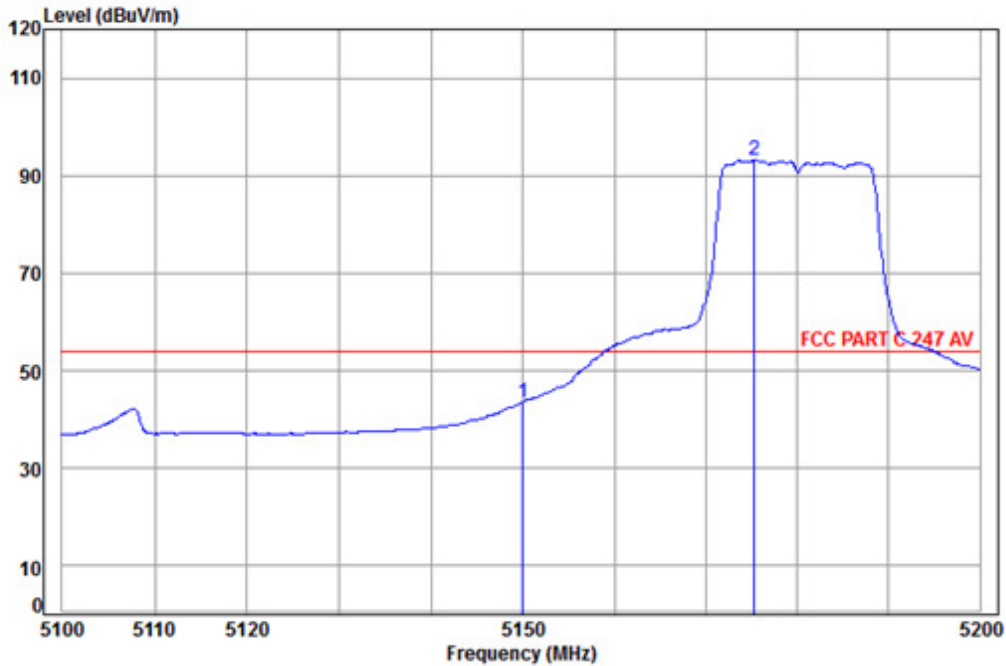
**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZEM150700437303

Page: 166 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|---------|----------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 | Remark: | Average | Vertical |
|------------|---------------|-----------------|------|---------|---------|----------|

Data: 852



Site : chamber
 Condition: FCC PART C 247 AV 3m Vertical
 Job No: : 4373CR
 Mode: : 5180 A Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 41.93 | 54.00 | -10.39 |
| 2 pp | 5175.22 | 6.12 | 34.86 | 39.28 | 91.48 | 54.00 | 39.18 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



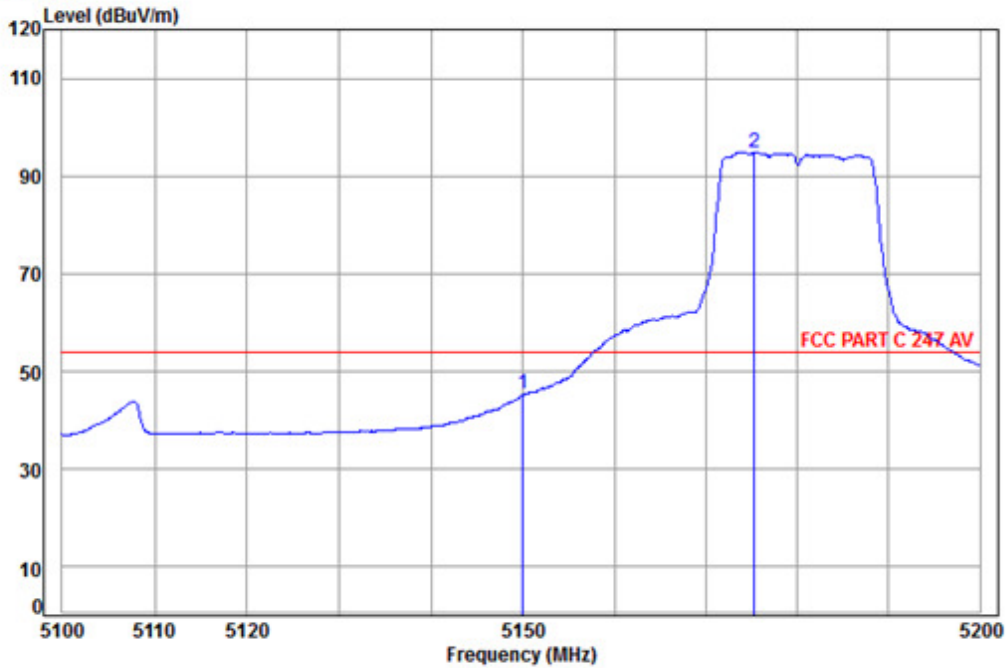
**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZEM150700437303

Page: 167 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|---------|------------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 | Remark: | Average | Horizontal |
|------------|---------------|-----------------|------|---------|---------|------------|

Data: 854



Site : chamber
 Condition: FCC PART C 247 AV 3m Horizontal
 Job No: : 4373CR
 Mode: : 5180 A Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit | Over |
|------|---------|------------|------------|---------------|------------|--------|-------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 43.67 | 54.00 | -8.65 |
| 2 pp | 5175.22 | 6.12 | 34.86 | 39.28 | 93.23 | 54.00 | 40.93 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

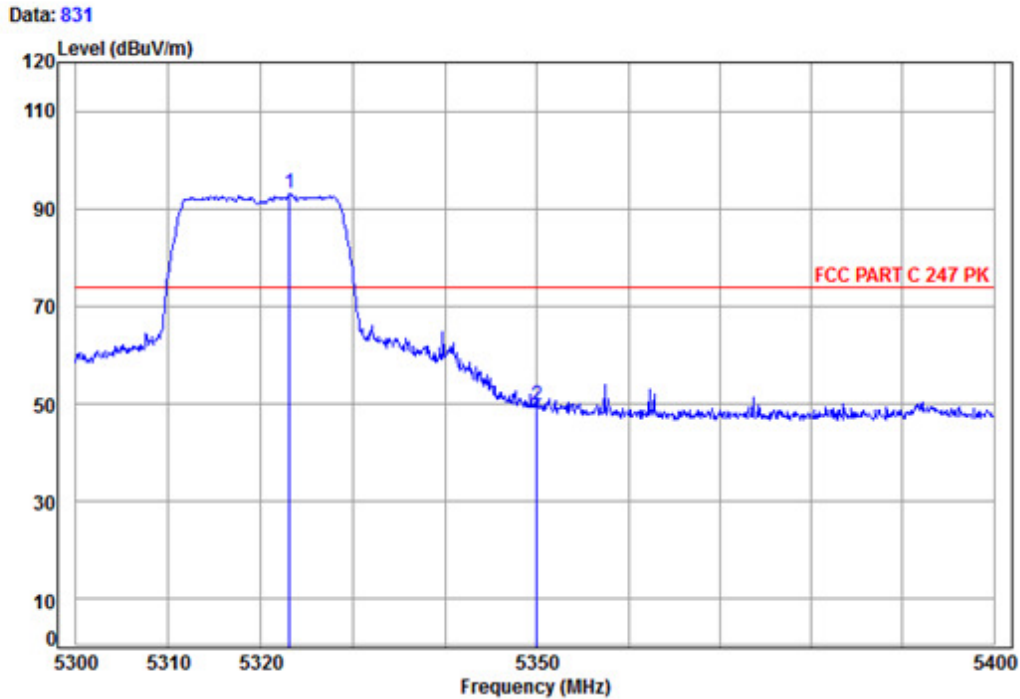


**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZEM150700437303

Page: 168 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|----------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5320 | Remark: | Peak | Vertical |
|------------|---------------|-----------------|------|---------|------|----------|



Site : chamber
 Condition: FCC PART C 247 PK 3m Vertical
 Job No: : 4373CR
 Mode: : 5320 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|-----------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 pp | 5323.13 | 6.23 | 34.81 | 39.26 | 91.25 | 93.03 | 74.00 | 19.03 |
| 2 | 5350.00 | 6.25 | 34.80 | 39.26 | 47.98 | 49.77 | 74.00 | -24.23 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



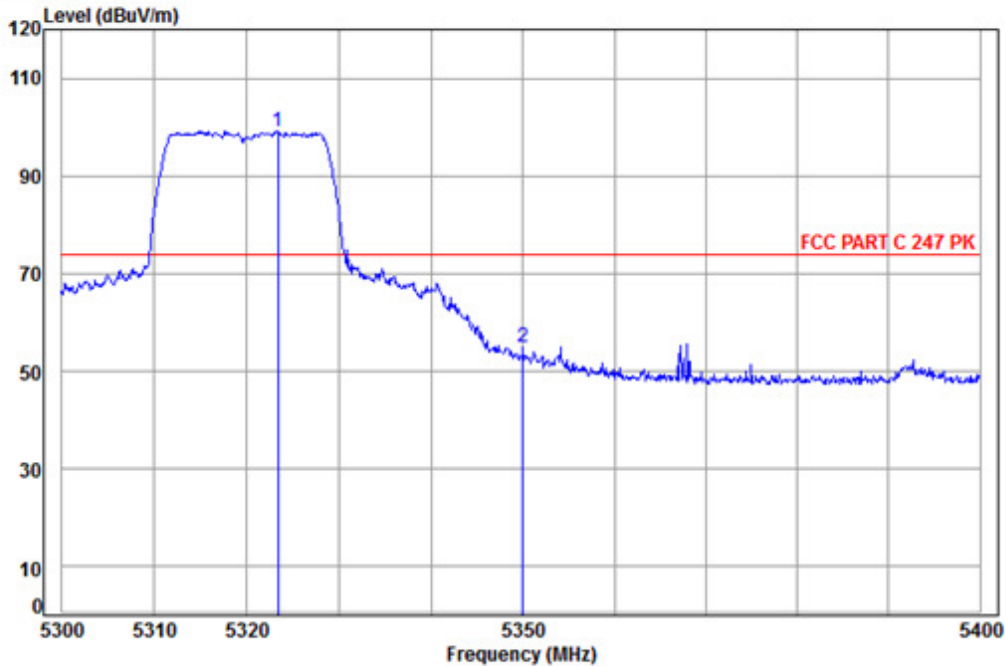
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 169 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|------------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5320 | Remark: | Peak | Horizontal |
|------------|---------------|-----------------|------|---------|------|------------|

Data: 833



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5320 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit | Over |
|------|---------|------------|------------|---------------|------------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 pp | 5323.33 | 6.23 | 34.81 | 39.26 | 97.42 | 74.00 | 25.20 |
| 2 | 5350.00 | 6.25 | 34.80 | 39.26 | 53.24 | 74.00 | -18.97 |



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



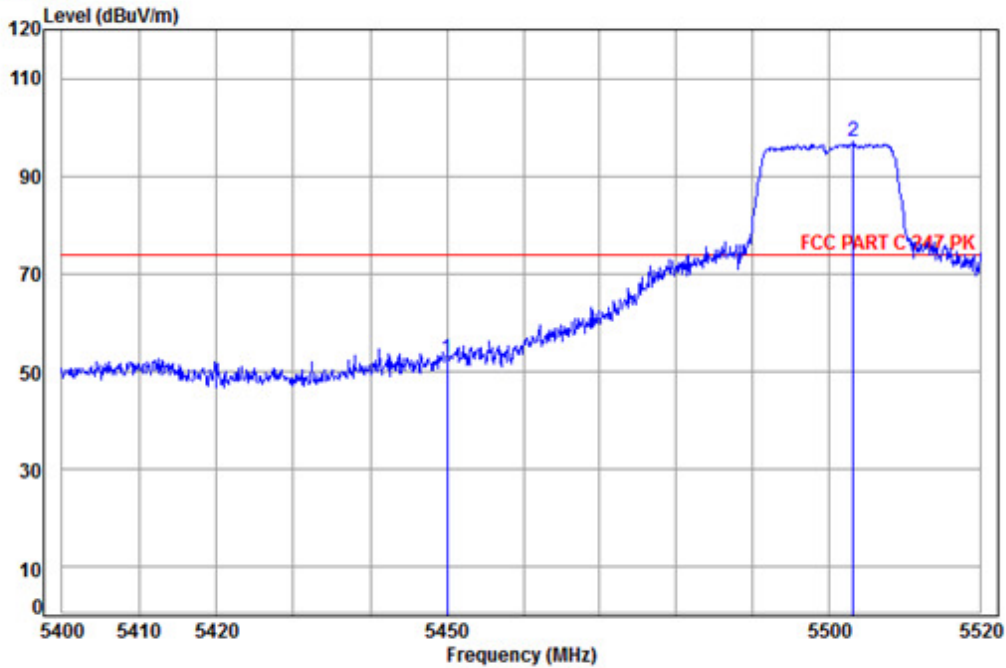
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 170 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|----------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5500 | Remark: | Peak | Vertical |
|------------|---------------|-----------------|------|---------|------|----------|

Data: 839



Site : chamber
 Condition: FCC PART C 247 PK 3m Vertical
 Job No: 4373CR
 Mode: 5500 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5450.00 | 6.32 | 34.94 | 39.24 | 50.49 | 74.00 | -21.49 |
| 2 pp | 5503.28 | 6.37 | 35.11 | 39.24 | 94.73 | 74.00 | 22.97 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

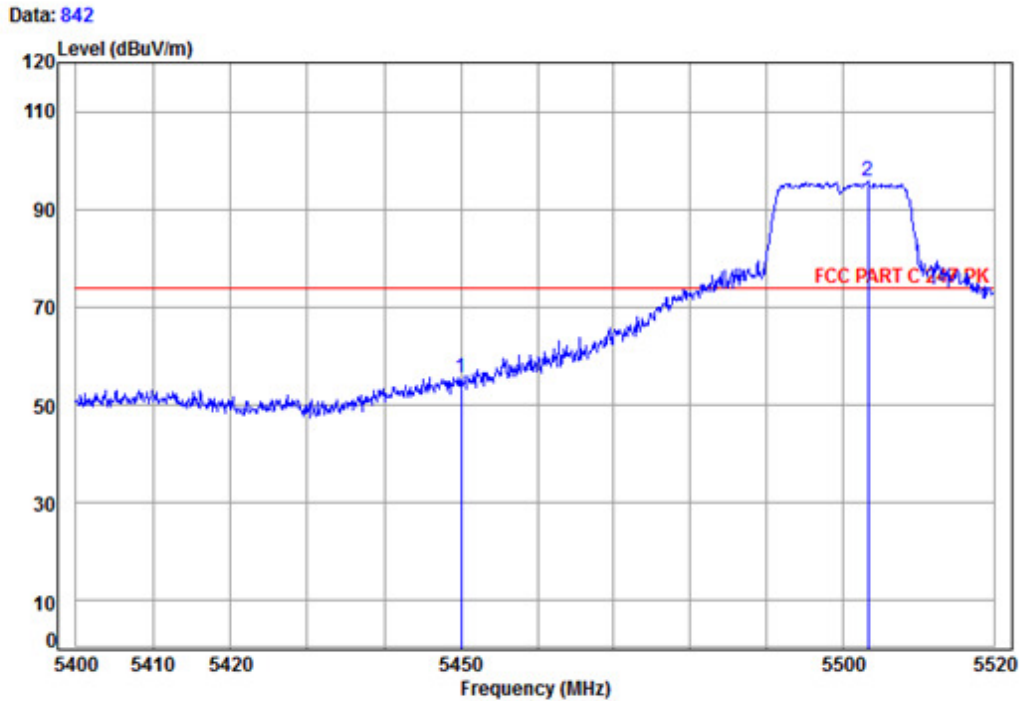


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 171 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|------------|
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5500 | Remark: | Peak | Horizontal |
|------------|---------------|-----------------|------|---------|------|------------|



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5500 N20 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5450.00 | 6.32 | 34.94 | 39.24 | 53.44 | 74.00 | -18.54 |
| 2 pp | 5503.40 | 6.37 | 35.11 | 39.24 | 93.56 | 74.00 | 21.80 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

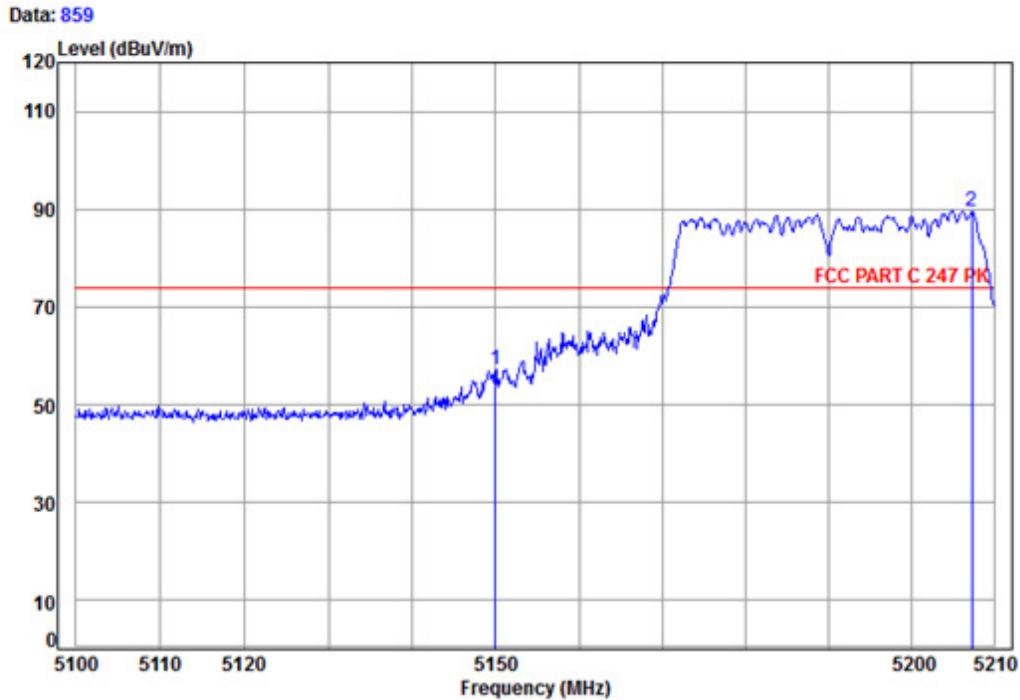


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 172 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|----------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 | Remark: | Peak | Vertical |
|------------|---------------|-----------------|------|---------|------|----------|



Site : chamber
 Condition: FCC PART C 247 PK 3m Vertical
 Job No: : 4373CR
 Mode: : 5190 N40 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 55.56 | 74.00 | -16.76 |
| 2 pp | 5207.33 | 6.15 | 34.85 | 39.27 | 87.83 | 74.00 | 15.56 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



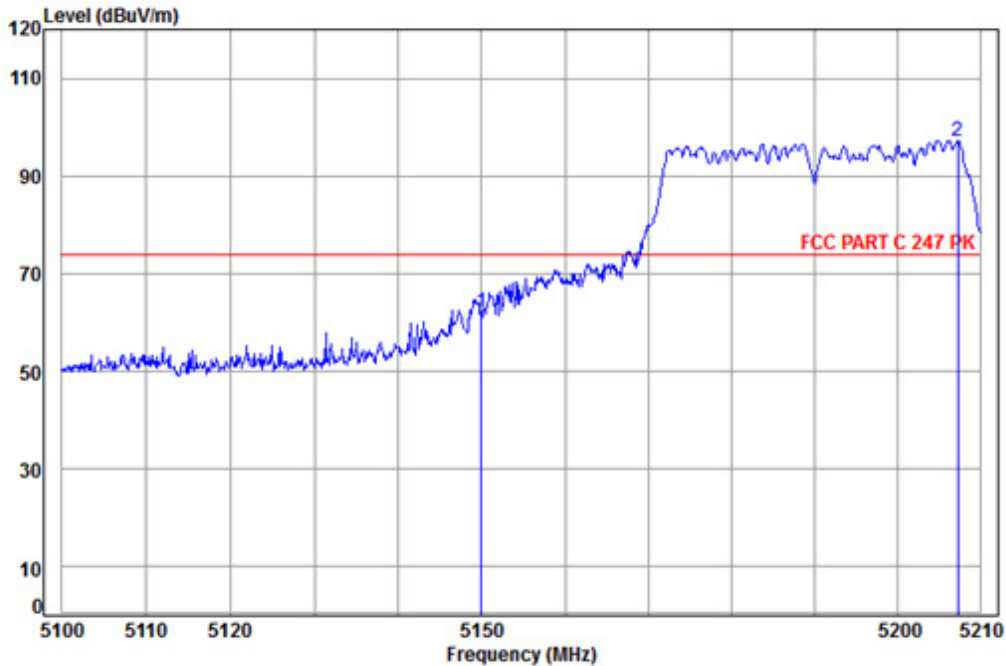
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 173 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|------------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 | Remark: | Peak | Horizontal |
|------------|---------------|-----------------|------|---------|------|------------|

Data: 861



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5190 N40 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 60.39 | 74.00 | -11.93 |
| 2 pp | 5207.33 | 6.15 | 34.85 | 39.27 | 95.53 | 74.00 | 23.26 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

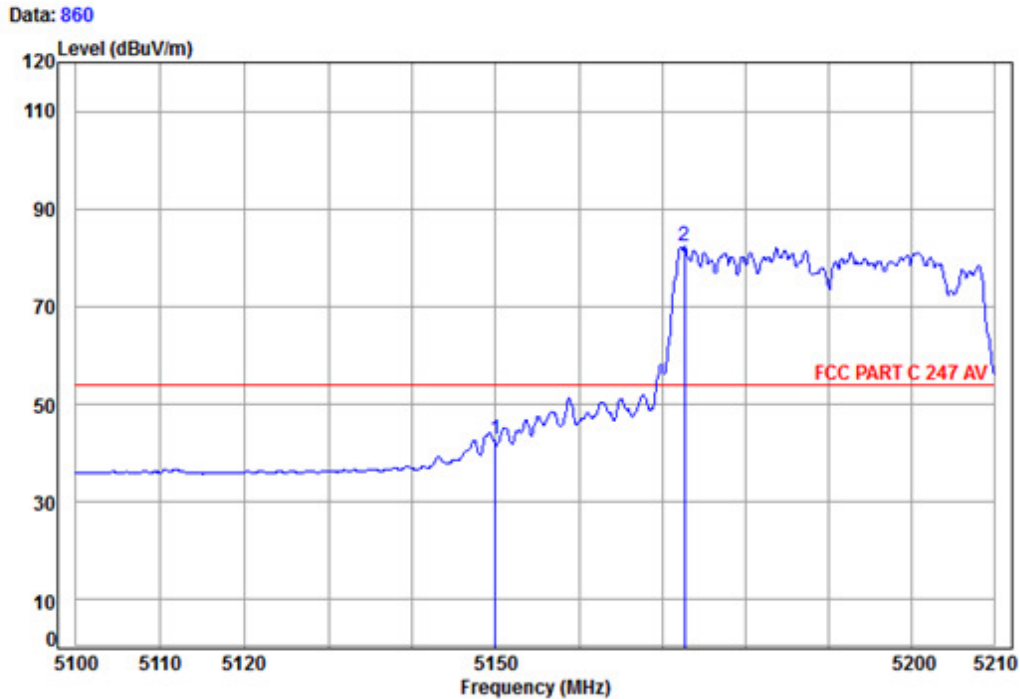


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 174 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|---------|----------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 | Remark: | Average | Vertical |
|------------|---------------|-----------------|------|---------|---------|----------|



Site : chamber
 Condition: FCC PART C 247 AV 3m Vertical
 Job No: : 4373CR
 Mode: : 5190 N40 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5150.00 | 6.10 | 34.86 | 39.28 | 41.30 | 54.00 | -11.02 |
| 2 pp | 5172.67 | 6.12 | 34.86 | 39.28 | 80.55 | 54.00 | 28.25 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



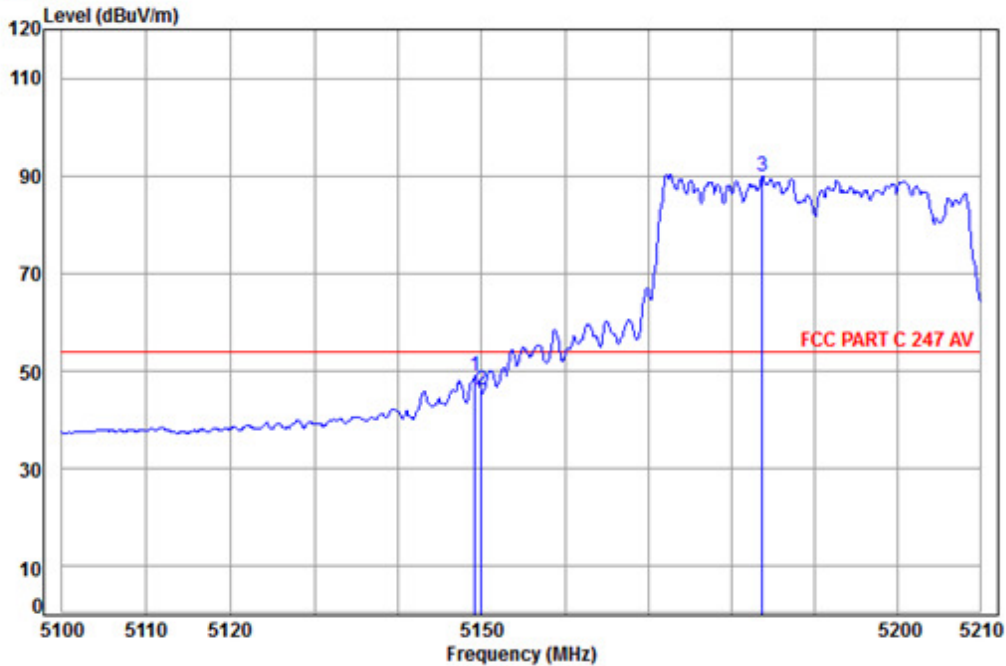
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 175 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|---------|------------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 | Remark: | Average | Horizontal |
|------------|---------------|-----------------|------|---------|---------|------------|

Data: 862



Site : chamber
 Condition: FCC PART C 247 AV 3m Horizontal
 Job No: : 4373CR
 Mode: : 5190 N40 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5149.21 | 6.10 | 34.86 | 39.28 | 47.26 | 54.00 | -5.06 |
| 2 | 5150.00 | 6.10 | 34.86 | 39.28 | 44.31 | 54.00 | -8.01 |
| 3 pp | 5183.72 | 6.13 | 34.85 | 39.28 | 88.24 | 54.00 | 35.94 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



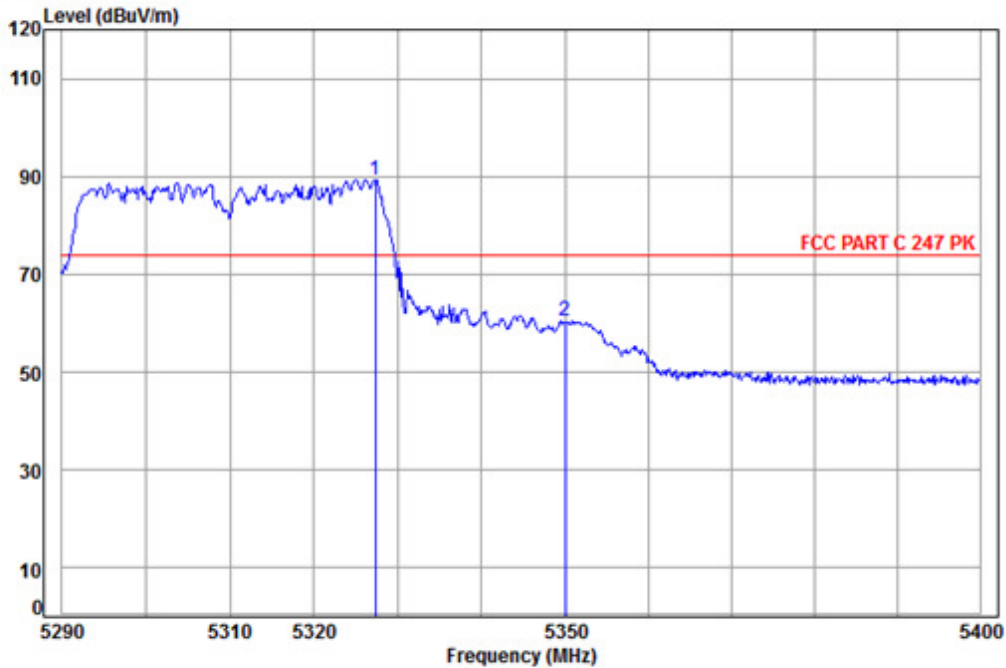
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 176 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|----------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5310 | Remark: | Peak | Vertical |
|------------|---------------|-----------------|------|---------|------|----------|

Data: 837



Site : chamber
 Condition: FCC PART C 247 PK 3m Vertical
 Job No: : 4373CR
 Mode: : 5310 N40 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 pp | 5327.26 | 6.24 | 34.81 | 39.26 | 87.60 | 74.00 | 15.39 |
| 2 | 5350.00 | 6.25 | 34.80 | 39.26 | 58.74 | 74.00 | -13.47 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



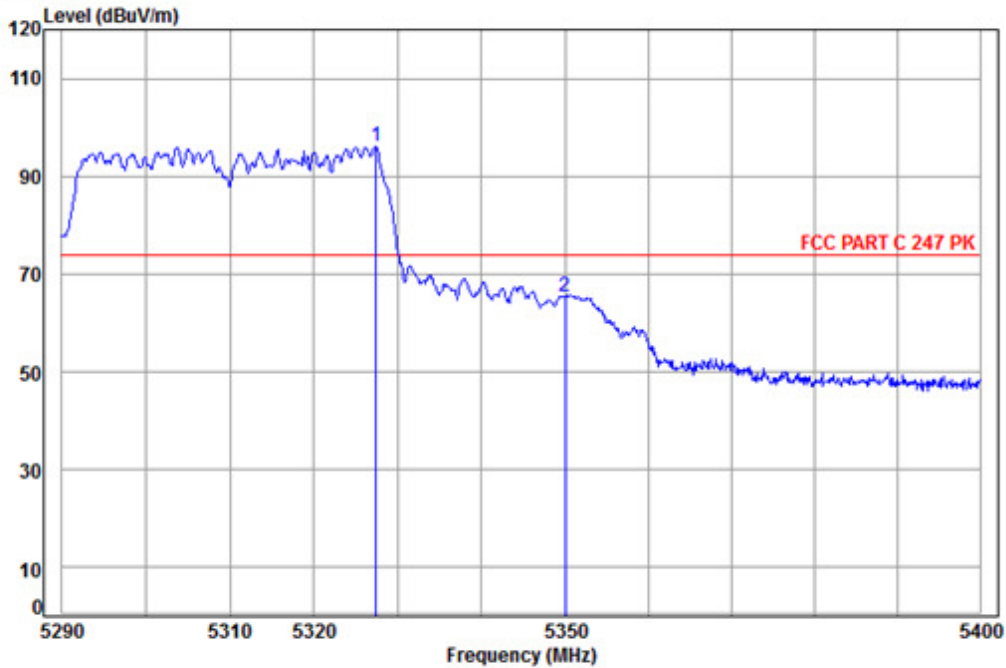
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 177 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|------------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5310 | Remark: | Peak | Horizontal |
|------------|---------------|-----------------|------|---------|------|------------|

Data: 835



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5310 N40 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 pp | 5327.37 | 6.24 | 34.81 | 39.26 | 94.19 | 74.00 | 21.98 |
| 2 | 5350.00 | 6.25 | 34.80 | 39.26 | 63.70 | 74.00 | -8.51 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



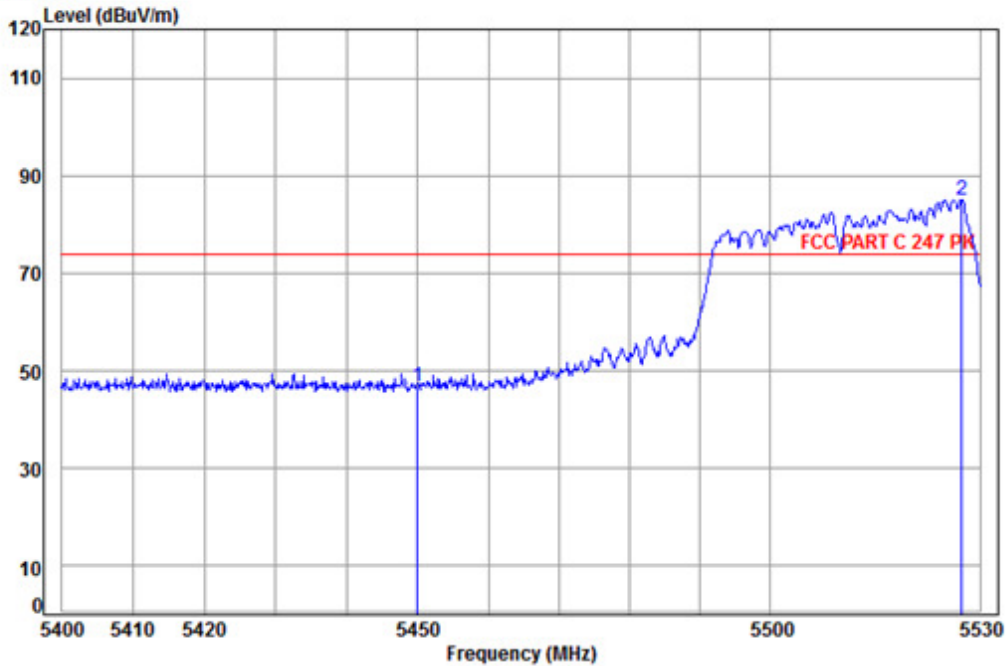
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 178 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|----------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5510 | Remark: | Peak | Vertical |
|------------|---------------|-----------------|------|---------|------|----------|

Data: 847



Site : chamber
 Condition: FCC PART C 247 PK 3m Vertical
 Job No: : 4543CR
 Mode: : 5510 N40 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit |
|------|---------|------------|------------|---------------|------------|-------------|------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB |
| 1 | 5450.00 | 6.32 | 34.94 | 39.24 | 44.58 | 74.00 | -27.40 |
| 2 pp | 5527.37 | 6.43 | 35.19 | 39.24 | 82.76 | 74.00 | 11.14 |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

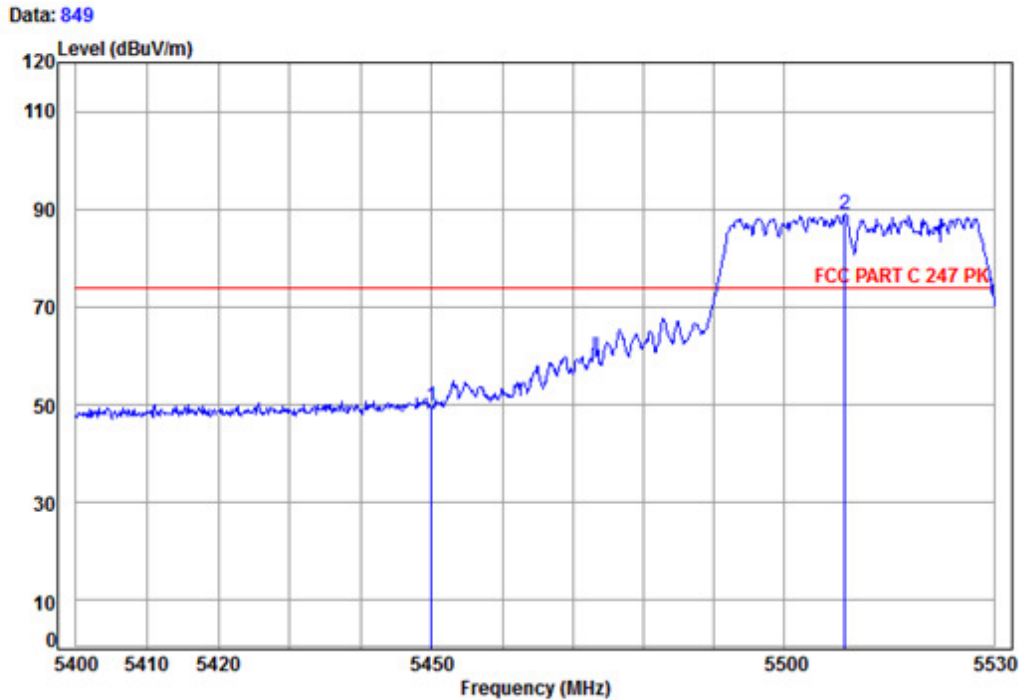


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM150700437303

Page: 179 of 193

| | | | | | | |
|------------|---------------|-----------------|------|---------|------|------------|
| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5510 | Remark: | Peak | Horizontal |
|------------|---------------|-----------------|------|---------|------|------------|



Site : chamber
 Condition: FCC PART C 247 PK 3m Horizontal
 Job No: : 4373CR
 Mode: : 5510 N40 Band edge

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit | Over |
|------|---------|------------|------------|---------------|------------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5450.00 | 6.32 | 34.94 | 39.24 | 47.57 | 49.59 | 74.00 | -24.41 |
| 2 pp | 5508.73 | 6.38 | 35.13 | 39.24 | 86.81 | 89.08 | 74.00 | 15.08 |

Note:

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

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



6.9 Frequency Stability

| | |
|------------------------|--|
| Test Requirement: | 47 CFR Part 15 Section 15.407(g) |
| Test Method: | ANSI C63.10: 2013 |
| Test Setup: | <pre> graph TD SA[Spectrum Analyzer] --- EUT[EUT] subgraph TC [Temperature Chamber] EUT end P[AC/DC Power supply] --- EUT </pre> |
| Limit: | The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. |
| Test Procedure: | <ol style="list-style-type: none"> The EUT was placed inside the environmental test chamber and powered by nominal AC/DC voltage. Turn the EUT on and couple its output to a spectrum analyzer. Turn the EUT off and set the chamber to the highest temperature specified. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record. |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. |
| Final Test Mode: | Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); Only the worst case is recorded in the report. Pre-scan was performed at Antenna 0 and Antenna 1, no worst case was found. Only the test data of Antenna 0 was shown in this report. |



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

Report No.: SZEM150700437303
Page: 181 of 193

Test plot as follows:

| Test mode: | | 802.11a | Frequency(MHz): | 5180 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5180.0072 | 7200 | Pass |
| 35 | | 5180.0054 | 5400 | Pass |
| 25 | | 5179.9879 | -12100 | Pass |
| 15 | | 5179.9974 | -2600 | Pass |
| 5 | | 5180.0032 | 3200 | Pass |
| 0 | | 5180.0033 | 3300 | Pass |
| 20 | 138 | 5179.9831 | -16900 | Pass |
| | 120 | 5180.0031 | 3100 | Pass |
| | 102 | 5179.9825 | -17500 | Pass |

| Test mode: | | 802.11a | Frequency(MHz): | 5200 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5200.0078 | 7800 | Pass |
| 35 | | 5200.0066 | 6600 | Pass |
| 25 | | 5200.0075 | 7500 | Pass |
| 15 | | 5200.0042 | 4200 | Pass |
| 5 | | 5199.9990 | -1000 | Pass |
| 0 | | 5199.9940 | -6000 | Pass |
| 20 | 138 | 5199.9957 | -4300 | Pass |
| | 120 | 5200.0032 | 3200 | Pass |
| | 102 | 5200.0043 | 4300 | Pass |

| Test mode: | | 802.11a | Frequency(MHz): | 5240 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5240.0033 | 3300 | Pass |
| 35 | | 5240.0029 | 2900 | Pass |
| 25 | | 5240.0024 | 2400 | Pass |
| 15 | | 5239.9989 | -1100 | Pass |
| 5 | | 5239.9983 | -1700 | Pass |
| 0 | | 5239.9979 | -2100 | Pass |
| 20 | 138 | 5240.0032 | 3200 | Pass |
| | 120 | 5240.0010 | 1000 | Pass |
| | 102 | 5239.9986 | -1400 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 182 of 193

| Test mode: | | 802.11a | Frequency(MHz): | 5260 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5259.9977 | -2300 | Pass |
| 35 | | 5259.9988 | -1200 | Pass |
| 25 | | 5259.9989 | -1100 | Pass |
| 15 | | 5259.9988 | -1200 | Pass |
| 5 | | 5260.0012 | 1200 | Pass |
| 0 | | 5260.0023 | 2300 | Pass |
| 20 | 138 | 5260.0033 | 3300 | Pass |
| | 120 | 5260.0009 | 900 | Pass |
| | 102 | 5259.9983 | -1700 | Pass |

| Test mode: | | 802.11a | Frequency(MHz): | 5300 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5300.0031 | 3100 | Pass |
| 35 | | 5300.0026 | 2600 | Pass |
| 25 | | 5300.0017 | 1700 | Pass |
| 15 | | 5300.0018 | 1800 | Pass |
| 5 | | 5299.9986 | -1400 | Pass |
| 0 | | 5299.9982 | -1800 | Pass |
| 20 | 138 | 5300.0026 | 2600 | Pass |
| | 120 | 5300.0013 | 1300 | Pass |
| | 102 | 5300.0022 | 2200 | Pass |

| Test mode: | | 802.11a | Frequency(MHz): | 5320 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5320.0064 | 6400 | Pass |
| 35 | | 5320.0043 | 4300 | Pass |
| 25 | | 5320.0035 | 3500 | Pass |
| 15 | | 5320.0013 | 1300 | Pass |
| 5 | | 5320.0032 | 3200 | Pass |
| 0 | | 5319.9979 | -2100 | Pass |
| 20 | 138 | 5320.0033 | 3300 | Pass |
| | 120 | 5320.0032 | 3200 | Pass |
| | 102 | 5320.0035 | 3500 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 183 of 193

| Test mode: | | 802.11a | Frequency(MHz): | 5500 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5500.0101 | 10100 | Pass |
| 35 | | 5500.0044 | 4400 | Pass |
| 25 | | 5500.0040 | 4000 | Pass |
| 15 | | 5500.0023 | 2300 | Pass |
| 5 | | 5499.9984 | -1600 | Pass |
| 0 | | 5500.0032 | 3200 | Pass |
| 20 | 138 | 5500.0031 | 3100 | Pass |
| | 120 | 5500.0019 | 1900 | Pass |
| | 102 | 5500.0027 | 2700 | Pass |

| Test mode: | | 802.11a | Frequency(MHz): | 5600 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5599.9966 | -3400 | Pass |
| 35 | | 5599.9967 | -3300 | Pass |
| 25 | | 5599.9948 | -5200 | Pass |
| 15 | | 5599.9974 | -2600 | Pass |
| 5 | | 5599.9983 | -1700 | Pass |
| 0 | | 5600.0039 | 3900 | Pass |
| 20 | 138 | 5600.0042 | 4200 | Pass |
| | 120 | 5600.0035 | 3500 | Pass |
| | 102 | 5600.0048 | 4800 | Pass |

| Test mode: | | 802.11a | Frequency(MHz): | 5700 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5700.0101 | 10100 | Pass |
| 35 | | 5700.0063 | 6300 | Pass |
| 25 | | 5700.0035 | 3500 | Pass |
| 15 | | 5700.0022 | 2200 | Pass |
| 5 | | 5699.9982 | -1800 | Pass |
| 0 | | 5700.0040 | 4000 | Pass |
| 20 | 138 | 5700.0042 | 4200 | Pass |
| | 120 | 5700.0033 | 3300 | Pass |
| | 102 | 5699.9978 | -2200 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303
Page: 184 of 193

| Test mode: | | 802.11a | Frequency(MHz): | 5745 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5745.0110 | 11000 | Pass |
| 35 | | 5745.0082 | 8200 | Pass |
| 25 | | 5745.0078 | 7800 | Pass |
| 15 | | 5745.0051 | 5100 | Pass |
| 5 | | 5744.9962 | -3800 | Pass |
| 0 | | 5744.9982 | -1800 | Pass |
| 20 | 138 | 5745.0022 | 2200 | Pass |
| | 120 | 5745.0034 | 3400 | Pass |
| | 102 | 5745.0024 | 2400 | Pass |

| Test mode: | | 802.11a | Frequency(MHz): | 5785 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5785.0055 | 5500 | Pass |
| 35 | | 5785.0029 | 2900 | Pass |
| 25 | | 5785.0021 | 2100 | Pass |
| 15 | | 5785.0011 | 1100 | Pass |
| 5 | | 5785.0028 | 2800 | Pass |
| 0 | | 5785.0037 | 3700 | Pass |
| 20 | 138 | 5785.0033 | 3300 | Pass |
| | 120 | 5785.0022 | 2200 | Pass |
| | 102 | 5784.9978 | -2200 | Pass |

| Test mode: | | 802.11a | Frequency(MHz): | 5825 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5825.0066 | 6600 | Pass |
| 35 | | 5825.0033 | 3300 | Pass |
| 25 | | 5825.0021 | 2100 | Pass |
| 15 | | 5824.9989 | -1100 | Pass |
| 5 | | 5824.9975 | -2500 | Pass |
| 0 | | 5824.9964 | -3600 | Pass |
| 20 | 138 | 5825.0032 | 3200 | Pass |
| | 120 | 5825.0019 | 1900 | Pass |
| | 102 | 5825.0022 | 2200 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 185 of 193

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5180 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5180.0078 | 7800 | Pass |
| 35 | | 5180.0034 | 3400 | Pass |
| 25 | | 5179.9988 | -1200 | Pass |
| 15 | | 5179.9983 | -1700 | Pass |
| 5 | | 5180.0023 | 2300 | Pass |
| 0 | | 5180.0032 | 3200 | Pass |
| 20 | 138 | 5180.0044 | 4400 | Pass |
| | 120 | 5179.9988 | -1200 | Pass |
| | 102 | 5179.9980 | -2000 | Pass |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5200 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5200.0077 | 7700 | Pass |
| 35 | | 5200.0041 | 4100 | Pass |
| 25 | | 5200.0032 | 3200 | Pass |
| 15 | | 5200.0013 | 1300 | Pass |
| 5 | | 5200.0029 | 2900 | Pass |
| 0 | | 5200.0041 | 4100 | Pass |
| 20 | 138 | 5199.9974 | -2600 | Pass |
| | 120 | 5199.9984 | -1600 | Pass |
| | 102 | 5200.0031 | 3100 | Pass |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5240 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5240.0088 | 8800 | Pass |
| 35 | | 5240.0024 | 2400 | Pass |
| 25 | | 5240.0038 | 3800 | Pass |
| 15 | | 5240.0022 | 2200 | Pass |
| 5 | | 5240.0042 | 4200 | Pass |
| 0 | | 5240.0017 | 1700 | Pass |
| 20 | 138 | 5240.0036 | 3600 | Pass |
| | 120 | 5239.9988 | -1200 | Pass |
| | 102 | 5239.9985 | -1500 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303
Page: 186 of 193

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5260 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5260.0090 | 9000 | Pass |
| 35 | | 5260.0036 | 3600 | Pass |
| 25 | | 5260.0023 | 2300 | Pass |
| 15 | | 5259.9989 | -1100 | Pass |
| 5 | | 5259.9977 | -2300 | Pass |
| 0 | | 5260.0032 | 3200 | Pass |
| 20 | 138 | 5260.0026 | 2600 | Pass |
| | 120 | 5260.0023 | 2300 | Pass |
| | 102 | 5260.0039 | 3900 | Pass |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5300 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5300.0100 | 10000 | Pass |
| 35 | | 5300.0042 | 4200 | Pass |
| 25 | | 5299.9989 | -1100 | Pass |
| 15 | | 5300.0014 | 1400 | Pass |
| 5 | | 5299.9968 | -3200 | Pass |
| 0 | | 5299.9955 | -4500 | Pass |
| 20 | 138 | 5299.9978 | -2200 | Pass |
| | 120 | 5300.0015 | 1500 | Pass |
| | 102 | 5300.0022 | 2200 | Pass |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5320 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5320.0096 | 9600 | Pass |
| 35 | | 5320.0042 | 4200 | Pass |
| 25 | | 5320.0036 | 3600 | Pass |
| 15 | | 5320.0012 | 1200 | Pass |
| 5 | | 5320.0032 | 3200 | Pass |
| 0 | | 5319.9973 | -2700 | Pass |
| 20 | 138 | 5319.9978 | -2200 | Pass |
| | 120 | 5319.9988 | -1200 | Pass |
| | 102 | 5319.9965 | -3500 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303
Page: 187 of 193

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5500 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5500.0103 | 10300 | Pass |
| 35 | | 5500.0055 | 5500 | Pass |
| 25 | | 5500.0043 | 4300 | Pass |
| 15 | | 5500.0023 | 2300 | Pass |
| 5 | | 5500.0055 | 5500 | Pass |
| 0 | | 5499.9968 | -3200 | Pass |
| 20 | 138 | 5500.0044 | 4500 | Pass |
| | 120 | 5500.0012 | 1200 | Pass |
| | 102 | 5500.0031 | 3100 | Pass |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5600 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5600.0078 | 7800 | Pass |
| 35 | | 5600.0023 | 2300 | Pass |
| 25 | | 5600.0042 | 4200 | Pass |
| 15 | | 5600.0022 | 2200 | Pass |
| 5 | | 5600.0034 | 3400 | Pass |
| 0 | | 5600.0045 | 4500 | Pass |
| 20 | 138 | 5599.9945 | -5500 | Pass |
| | 120 | 5599.9978 | -2200 | Pass |
| | 102 | 5599.9964 | -3600 | Pass |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5700 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5700.0078 | 7800 | Pass |
| 35 | | 5700.0034 | 3400 | Pass |
| 25 | | 5699.9983 | -1700 | Pass |
| 15 | | 5700.0021 | 2100 | Pass |
| 5 | | 5700.0033 | 3300 | Pass |
| 0 | | 5699.9935 | -6500 | Pass |
| 20 | 138 | 5699.9982 | -1800 | Pass |
| | 120 | 5700.0023 | 2300 | Pass |
| | 102 | 5700.0036 | 3600 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 188 of 193

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5745 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5745.0088 | 8800 | Pass |
| 35 | | 5745.0028 | 2800 | Pass |
| 25 | | 5745.0025 | 2500 | Pass |
| 15 | | 5745.0024 | 2400 | Pass |
| 5 | | 5745.0019 | 1900 | Pass |
| 0 | | 5745.0034 | 3400 | Pass |
| 20 | 138 | 5745.0034 | 3400 | Pass |
| | 120 | 5744.9979 | -2100 | Pass |
| | 102 | 5745.0038 | 3800 | Pass |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5785 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5785.0099 | 9900 | Pass |
| 35 | | 5785.0045 | 4500 | Pass |
| 25 | | 5785.0029 | 2900 | Pass |
| 15 | | 5784.9987 | -1300 | Pass |
| 5 | | 5784.9967 | -3300 | Pass |
| 0 | | 5785.0024 | 2400 | Pass |
| 20 | 138 | 5785.0038 | 3800 | Pass |
| | 120 | 5785.0021 | 2100 | Pass |
| | 102 | 5785.0045 | 4500 | Pass |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5825 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5824.9925 | -7500 | Pass |
| 35 | | 5824.9967 | -3300 | Pass |
| 25 | | 5824.9953 | -4700 | Pass |
| 15 | | 5824.9985 | -1500 | Pass |
| 5 | | 5825.0015 | 1500 | Pass |
| 0 | | 5825.0049 | 4900 | Pass |
| 20 | 138 | 5825.0042 | 4200 | Pass |
| | 120 | 5824.9987 | -1300 | Pass |
| | 102 | 5825.0024 | 2400 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303
Page: 189 of 193

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5190 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5190.0111 | 11100 | Pass |
| 35 | | 5190.0110 | 11000 | Pass |
| 25 | | 5190.0104 | 10400 | Pass |
| 15 | | 5190.0066 | 6600 | Pass |
| 5 | | 5190.0062 | 6200 | Pass |
| 0 | | 5190.0078 | 7800 | Pass |
| 20 | 138 | 5189.9910 | -9000 | Pass |
| | 120 | 5189.9967 | -3300 | Pass |
| | 102 | 5190.0040 | 4000 | Pass |

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5230 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5230.0121 | 12100 | Pass |
| 35 | | 5230.0110 | 11000 | Pass |
| 25 | | 5230.0094 | 9400 | Pass |
| 15 | | 5229.9988 | -1200 | Pass |
| 5 | | 5229.9981 | -1900 | Pass |
| 0 | | 5230.0052 | 5200 | Pass |
| 20 | 138 | 5230.0036 | 3600 | Pass |
| | 120 | 5230.0029 | 2900 | Pass |
| | 102 | 5229.9978 | -2200 | Pass |

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5270 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5270.0079 | 7900 | Pass |
| 35 | | 5270.0032 | 3200 | Pass |
| 25 | | 5269.9963 | -3700 | Pass |
| 15 | | 5269.9974 | -2600 | Pass |
| 5 | | 5270.0039 | 3900 | Pass |
| 0 | | 5270.0034 | 3400 | Pass |
| 20 | 138 | 5270.0033 | 3300 | Pass |
| | 120 | 5270.0031 | 3100 | Pass |
| | 102 | 5270.0039 | 3900 | Pass |



"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303

Page: 190 of 193

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5310 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5310.0100 | 10000 | Pass |
| 35 | | 5310.0033 | 3300 | Pass |
| 25 | | 5310.0040 | 4000 | Pass |
| 15 | | 5310.0023 | 2300 | Pass |
| 5 | | 5310.0021 | 2100 | Pass |
| 0 | | 5310.0039 | 3900 | Pass |
| 20 | 138 | 5309.9967 | -3300 | Pass |
| | 120 | 5310.0020 | 2000 | Pass |
| | 102 | 5310.0031 | 3100 | Pass |

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5510 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5510.0085 | 8500 | Pass |
| 35 | | 5510.0032 | 3200 | Pass |
| 25 | | 5510.0044 | 4400 | Pass |
| 15 | | 5510.0035 | 3500 | Pass |
| 5 | | 5510.0023 | 2300 | Pass |
| 0 | | 5510.0029 | 2900 | Pass |
| 20 | 138 | 5510.0039 | 3900 | Pass |
| | 120 | 5509.9987 | -1300 | Pass |
| | 102 | 5510.0041 | 4100 | Pass |

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5590 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5590.0111 | 11100 | Pass |
| 35 | | 5590.0098 | 9800 | Pass |
| 25 | | 5590.0083 | 8300 | Pass |
| 15 | | 5590.0046 | 4600 | Pass |
| 5 | | 5590.0032 | 3200 | Pass |
| 0 | | 5590.0028 | 2800 | Pass |
| 20 | 138 | 5589.9958 | -4200 | Pass |
| | 120 | 5589.9983 | -1700 | Pass |
| | 102 | 5590.0037 | 3700 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



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

Report No.: SZEM150700437303
Page: 191 of 193

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5670 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5670.0100 | 10000 | Pass |
| 35 | | 5670.0099 | 9900 | Pass |
| 25 | | 5670.0102 | 10200 | Pass |
| 15 | | 5670.0075 | 7500 | Pass |
| 5 | | 5669.9936 | -6400 | Pass |
| 0 | | 5670.0044 | 4400 | Pass |
| 20 | 138 | 5670.0043 | 4300 | Pass |
| | 120 | 5670.0067 | 6700 | Pass |
| | 102 | 5670.0047 | 4700 | Pass |

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5755 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5755.0273 | 27300 | Pass |
| 35 | | 5755.0120 | 12000 | Pass |
| 25 | | 5755.0117 | 11700 | Pass |
| 15 | | 5755.0096 | 9600 | Pass |
| 5 | | 5755.0035 | 3500 | Pass |
| 0 | | 5755.0075 | 7500 | Pass |
| 20 | 138 | 5755.0046 | 4600 | Pass |
| | 120 | 5755.0032 | 3200 | Pass |
| | 102 | 5755.0063 | 6300 | Pass |

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5795 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 120 | 5794.9920 | -8000 | Pass |
| 35 | | 5794.9967 | -3300 | Pass |
| 25 | | 5795.0041 | 4100 | Pass |
| 15 | | 5795.0032 | 3200 | Pass |
| 5 | | 5795.0029 | 2900 | Pass |
| 0 | | 5795.0067 | 6700 | Pass |
| 20 | 138 | 5795.0057 | 5700 | Pass |
| | 120 | 5794.9977 | -2300 | Pass |
| | 102 | 5794.9951 | -4900 | Pass |

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."

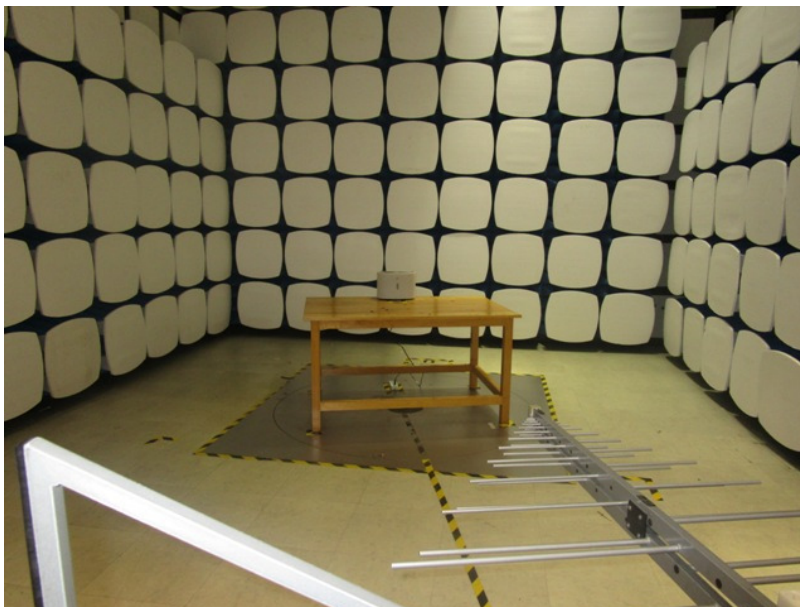
7 Photographs - EUT Test Setup

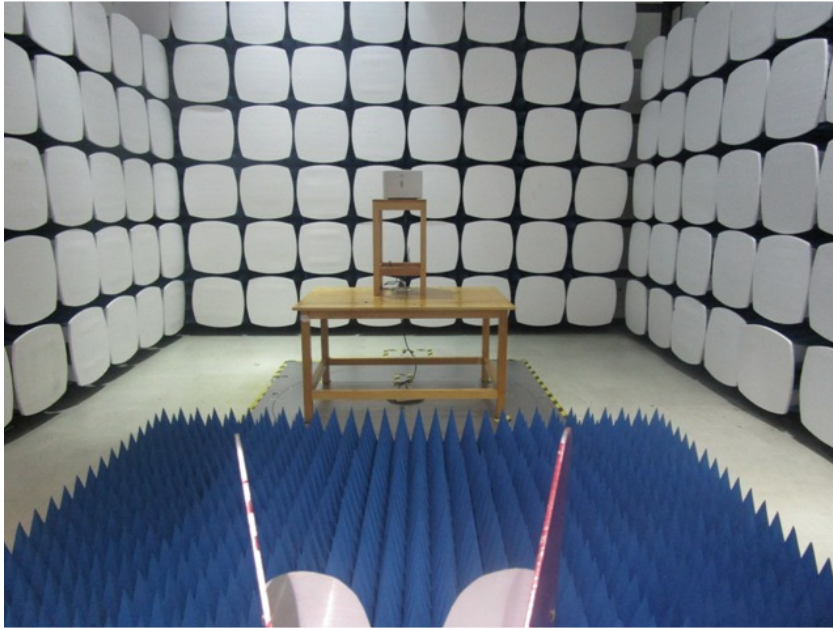
Test model No.: OMNI S6

7.1 Conducted Emission



7.2 Radiated Spurious Emission





8 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of EUT Constructional Details for SZEM1507004373CR.