

Date of Issue :August 14, 2017

Reference No: C170208R01-RPB Report No: C170704R01-RPB

IC: 1752B-SR6BT

Canada RSS-247 Issue2 Canada RSS-Gen Issue4 TEST REPORT

For

Product Name: Wireless Bluetooth Earphone

Brand Name: N/A

Model No.: ATH-SR6BT

Series Model.: ATH-AR5BT

IC: 1752B-SR6BT

Test Report Number:

C170704R01-RPB

Issued for

Audio-Technica Corporation

2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan

Issued by

Compliance Certification Services Inc.

Kun shan Laboratory

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Revision History

| Rev. | Issue Date | Report NO. | Effect Page | Contents |
|--------|-------------------|----------------|-------------|--|
| 00 | February 23, 2017 | C170208R01-RPB | ALL | N/A |
| Update | August 14,2017 | C170704R01-RPB | P1,P3,P4 | Add ATH-AR5BT as Series Model Update to RSS-247 Issue2 |



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DECLUIT CERTIFICATION

1. TEST RESULT CERTIFICATION

| Product Name: | Wireless Bluetooth Earphone |
|------------------------|---|
| Trade Name: | N/A |
| Model Name: | ATH-SR6BT |
| Series Model: | ATH-AR5BT |
| Applicant Discrepancy: | Initial |
| Device Category: | Portable unit |
| Date of Test: | February 8, 2017~ February 9, 2017 |
| Applicant: | Audio-Technica Corporation 2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan |
| Manufacturer: | Audio-Technica Corporation 2-46-1 Nishi-naruse, Machida, Tokyo 194-8666, Japan |
| Application Type: | Certification |

| APPLICABLE STANDARDS | | | | | |
|-----------------------|-------------------------|--|--|--|--|
| STANDARD | TEST RESULT | | | | |
| Canada RSS-247 Issue2 | No non-compliance noted | | | | |
| Canada RSS-Gen Issue4 | No non-compliance noted | | | | |

The above equipment was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of Canada RSS-247 Issue2 and Canada RSS-Gen Issue4.

The test results of this report relate only to the tested sample EUT identified in this report.

Approved by:

Jeff.Fang RF Manager

Compliance Certification Services Inc.

Tested by:

Lily.Wang Test Engineer

Compliance Certification Services Inc.



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2. EUT DESCRIPTION

| Product Name: | Wireless Bluetooth Earphone |
|---------------------------|--|
| Brand Name: | N/A |
| Model Name: | ATH-SR6BT |
| Series Model: | ATH-AR5BT |
| Model Discrepancy: | Only for market segment |
| EUT Power Rating: | From system |
| Frequency Range : | Bluetooth:2402 ~ 2480 MHz |
| Max Peak Power : | Bluetooth:6.21dBm |
| Modulation Technique : | Bluetooth: FHSS |
| Transmit Data Rate : | Bluetooth: GFSK(1 Mbps),π/4-DQPSK(2 Mbps),8-DPSK(3 Mbps) |
| Number of Channels : | Bluetooth: 79 Channels |
| Antenna Specification: | CHIP ANT Antenna Gain: 1.2dBi |

Remark:

- 1. The sample selected for test was engineering sample that approximated to production product and was provided by manufacturer.
- 2.This submittal(s) (test report) is intended for *IC: 1752B-SR6BT* filing to comply with Canada RSS-247 Issue2 and Canada RSS-Gen Issue4 Rules.



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3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10 and FCC CFR 47 2.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055, 2.1057, 15.207, 15.209, 15.247.

3.1 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

3.2 EXERCISEEUT

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

According to its specifications, the EUT must comply with the requirements of the Section 15.207, 15.209 and 15.247 under the FCC Rules Part 15 Subpart C.

3.3 GENERAL TEST PROCEDURES

Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 13.1.4.1 of ANSI C63.10 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

Radiated Emissions

Under 1GHz

The EUT is placed on a turn table, which is 0.8 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 13.1.4.1 of ANSI C63.10.

Above 1GHz

The EUT is placed on a turn table, which is 1.5 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 13.1.4.1 of ANSI C63.10.



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3.4 TEST Mode

Preliminary tests were performed in different data rate to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

| Test Items | Mode | Channel | Antenna |
|----------------------------------|----------------|---------|---------|
| Peak Output | GFSK | 0/39/78 | 1 |
| Power | 8-DPSK | 0/39/76 | I |
| Hopping Channel Bandwidth | GFSK | 0/39/78 | 1 |
| Hopping Channel Bandwidth | 8-DPSK | 0/39/76 | ı |
| Hanning Channel Senaration | GFSK | 38-39 | 1 |
| Hopping Channel Separation | 8-DPSK | 30-39 | ' |
| Number of Henning Frequency | GFSK | 0-78 | 1 |
| Number of Hopping Frequency | 8-DPSK | 0-76 | ' |
| Dwell Time | DH1/DH3/DH5 | 20 | 1 |
| Dwell Time | 3DH1/3DH3/3DH5 | 39 | Į. |
| Spurious Emission | GFSK | 0/20/79 | 1 |
| Spurious Emission | 8-DPSK | 0/39/78 | ı |
| Dand Edge Emissione | GFSK | 0/78 | 1 |
| Band Edge Emissions | 8-DPSK | 0/76 | 1 |
| Radiated Emissions Below 1GHz | GFSK | 78 | 1 |
| Radiated Emissions Above 1GHz | GFSK | 0/39/78 | 1 |
| Naulateu Elliissiolis Above 1902 | 8-DPSK | 0/38//0 | ı |
| AC Power Conducted Emissions | CTX | - | - |

Remark: For radiated test cases below 1 GHz, the worst mode data rate channel 78 of GFSK was reported only, because this data rate has the highest RF output power at preliminary tests.



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3.5 FCC PART 15.205 RESTRICTED BANDS OF OPERATIONS

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

| MHz | MHz | MHz | GHz |
|--|--|--|---|
| 0.0900 - 0.1100 | 16.420 - 16.423 | 399.9 - 410.0 | 4.50 - 5.15 |
| 0.4950 - 0.505 ⁽¹⁾ | 16.69475 - 16.69525 | 608 - 614 | 5.35 - 5.46 |
| 2.1735 - 2.1905 | 16.80425 - 16.80475 | 960.0 - 1240 | 7.25 - 7.75 |
| 4.1250 - 4.1280 | 25.50 - 25.67 | 1300 - 1427 | 8.025 - 8.500 |
| 4.17725 - 4.17775 | 37.50 - 38.25 | 1435.0 - 1626.5 | 9.0 - 9.2 |
| 4.20725 - 4.20775 | 73.0 - 74.6 | 1645.5 - 1646.5 | 9.3 - 9.5 |
| 6.2150 - 6.2180 | 74.8 - 75.2 | 1660 - 1710 | 10.6 - 12.7 |
| 6.26775 - 6.26825 | 108.00 - 121.94 | 1718.8 - 1722.2 | 13.25 - 13.40 |
| 6.31175 - 6.31225 | 123 - 138 | 2200 - 2300 | 14.47 - 14.50 |
| 8.2910 - 8.2940 | 149.90 - 150.05 | 2310 - 2390 | 15.35 - 16.20 |
| 8.3620 - 8.3660 | 156.52475 - 156.52525 | 2483.5 - 2500.0 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.7 - 156.9 | 2655 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 12.2900 - 12.2930 12.51975 - 12.52025 12.57675 - 12.57725 | 162.0125 - 167.1700 167.72 - 173.20 240 - 285 322.0 - 335.4 | 3260 - 3267 3332 - 3339 3345 - 3358 3600 - 4400 | 23.6 - 24.0 31.2 - 31.8 36.43 - 36.5 ⁽²⁾ |
| 13.3600 - 13.4100 | | | |

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

² Above 38.6

⁽b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.



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4. INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards. facilities and accreditations

5. FACILITIES AND ACCREDITATIONS

5.1 FACILTIES

All measurement facilities used to collect the measurement data are located at CCS China Kunshan Lab at 10#Weiye Rd, Innovation Park Eco. & Tec. Development Zone Kunshan city JiangSu, (215300), CHINA.

The sites are constructed in conformance with the requirements of ANSI C63.10 and CISPR Publication 22.

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.3 LABORATORY ACCREDITATIONS AND LISTING

The test facilities used to perform radiated and conducted emissions tests are accredited by American Association for Laboratory Accreditation Program for the specific scope accreditation under Lab Code: 200581-0 to perform Electromagnetic Interference tests according to FCC Part 15 or 18 requirements. In addition, the test facilities are listed with Industry Canada, Laboratory Division, 2324E-1 for 10m chamber, 2324E-2 for 3m chamber.



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5.4 TABLE OF ACCREDITATIONS

Our laboratories are accredited and approved by the following accreditation body according to ISO/IEC 17025.

Taiwan TAF USA A2LA

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada Industry Canada

Japan VCCI Taiwan BSMI USA FCC

Copies of granted accreditation certificates are available for downloading from our web site, http:///www.ccsrf.com



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5.5 LIST OF MEASURING EQUIPMENT

| Conducted Emissions Test Site | | | | | | | |
|-------------------------------|---------------|-----------|---------------|---------------------|--------------------|--|--|
| Name of Equipment | Manufacturer | Model | Serial Number | Calibration Data | Calibration Due | | |
| Spectrum Analyzer | Agilent | E4446A | MY44020154 | 2016-9-10 | 2017-9-9 | | |
| OSCILLOSCOPE | Agilent | DS06104A | MY44002585 | 2016-3-2 | 2017-3-1 | | |
| Power meter | Anritsu | ML2495A | 1445010 | 2016-5-16 | 2017-5-15 | | |
| Power sensor | Anritsu | MA2411B | 1339220 | 2016-5-16 | 2017-5-15 | | |
| Power SPLITTER | Mini-Circuits | ZN2PD-9G | SF078500430 | N.C.R | N.C.R | | |
| DC Power Supply | AGILENT | E3632A | MY50340053 | N.C.R | N.C.R | | |
| Temp. / Humidity Chamber | TERCHY | MHK-120AK | X30109 | 2016-5-16 | 2017-5-15 | | |
| Test Software | | | | EZ-EMC | _ | | |

| | 977 Chamber | | | | | | |
|----------------------|--------------|-------------------------|---------------|---------------------|--------------------|--|--|
| Name of Equipment | Manufacturer | Model | Serial Number | Calibration Data | Calibration Due | | |
| Spectrum Analyzer | Agilent | E4446A | MY44020154 | 2016-9-10 | 2017-9-9 | | |
| EMI Test Receiver | R&S | ESCI | 101378 | 2017-1-5 | 2018-1-4 | | |
| Amplifier | MITEQ | AMF-6F-260400- 40-8P | 1037496 | 2016-9-10 | 2017-9-9 | | |
| Bilog Antenna | Sunol | JB1 | A062604 | 2016-5-29 | 2017-5-28 | | |
| Bilog Antenna | Sunol | JB1 | A110204-1 | 2016-7-16 | 2017-7-15 | | |
| Loop Antenna | SCHWARZBECK | HXYZ9170 | 9170-108 | 2016-4-7 | 2017-4-6 | | |
| Horn-antenna | SCHWARZBECK | 9120D | 266 | 2016-3-6 | 2017-3-5 | | |
| Turn Table | CT | CT123 | 4165 | N.C.R | N.C.R | | |
| Antenna Tower | СТ | CTERG23 | 3256 | N.C.R | N.C.R | | |
| Controller | СТ | CT100 | 95637 | N.C.R | N.C.R | | |
| Test Software | | | | EZ-EMC | | | |



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EZ-EMC

Conducted Emission Calibration Name of Calibration Manufacturer Model **Serial Number** Equipment Data Due **EMITEST** R&S **ESCI** 100781 2016-3-2 2017-3-1 **RECEIVER** SCHWARZBEC LISN NNLK 8129 8129-143 2016-11-1 2017-10-31 Κ **TWO-LINE** R&S **ENV216** 101604 2016-11-1 2017-10-31 V-NETWORK Pulse LIMITER R&S ESH3-Z2 100524 2017-1-5 2018-1-4

Remark: Each piece of equipment is scheduled for calibration once a year.

5.6 SETUP CONFIGURATION

Test Software

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

5.7 SUPPORT EQUIPMENT

| No. | Device Type | Brand | Model | Series No. | FCC ID |
|-----|-------------|-------|-------|------------|--------|
| 1. | Notebook | Dell | E5430 | N/A | N/A |

Remark:

- 1.All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2.Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.



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6. FCC PART 15.247 REQUIREMENTS 6.1 PEAK POWER

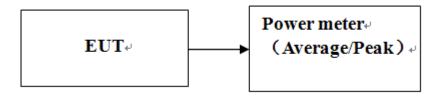
Limit

The maximum peak output power of the intentional radiator shall not exceed the following:

- 1. According to §15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.
- 2. According to §15.247(b)(1), For frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725–5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400–2483.5 MHz band: 0.125 watts.
- 3. According to §15.247(b)(3), for systems using digital modulation in the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz: 1 Watt.
- 4. According to §15.247(b)(4), the conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Remark: Each piece of equipment is scheduled for calibration once a year.

Test Configuration



Test Procedure

- 1. The testing follows ANSI63.10-2013 clause 7.8.5.
- 2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. Set to the maximum power setting and enable the EUT transmit continuously.
- 4. Measure the conducted output power and record the results in the test report.



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Test Results

No non-compliance noted

Test RESULTS

1M GFSK Modulation mode

| Channel | Frequency (MHz) | Output Peak Power (dBm) | Output Peak Power (mW) | Limit (mW) | Result |
|---------|--------------------|-------------------------------|------------------------------|---------------|--------|
| Low | 2402 | 3.51 | 2.24 | | PASS |
| Mid | 2441 | 6.13 | 4.10 | 125 | PASS |
| High | 2480 | 6.21 | 4.18 | | PASS |

3M 8-DPSK Modulation mode

| Channel | Frequency (MHz) | Output Peak Power (dBm) | Output Peak Power (mW) | Limit (mW) | Result |
|---------|--------------------|-------------------------------|------------------------------|---------------|--------|
| Low | 2402 | 3.37 | 2.17 | | PASS |
| Mid | 2441 | 5.79 | 3.79 | 125 | PASS |
| High | 2480 | 5.94 | 3.93 | | PASS |

Max AVG power

| Channel | Frequency | Output AVG Power | Output AVG Power |
|---------|-----------|------------------|------------------|
| | (MHz) | (dBm) | (mW) |
| High | 2480 | 4.38 | 2.74 |

Note: Preliminary tests were performed in different mode to find the Max AVG Power.



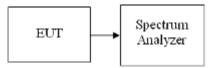
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6.2 20DB BANDWIDTH & 99% bandwidth MEASUREMENT

Limit

According to §15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

Test Configuration



Test Procedure

- 1. Place the EUT on the table and set it in transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 3. Set the spectrum analyzer as RBW = 30kHz, VBW = 300kHz, Span = 3MHz, Sweep = auto.
- 4. Max hold, mark 2 peaks of hopping channel and record the 2 peaks frequency.



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Test Results of Bandwidth

No non-compliance noted

| Operation Mode: | 1 Mbps | Test Date: | 2017-2-9 |
|-----------------|--------|------------|-----------|
| Temperature: | 24°C | Tested by: | Lily.Wang |

| Channel | Frequency (MHz) | 20dB Bandwidth (B) (MHz) | 99% Bandwidth (B) (MHz) |
|---------|--------------------|-----------------------------|----------------------------|
| 00 | 2402 | 0.965 | 0.874 |
| 39 | 2441 | 0.961 | 0.870 |
| 78 | 2480 | 0.962 | 0.872 |

| Operation Mode: | 3 Mbps | Test Date: | 2017-2-9 |
|-----------------|--------|------------|-----------|
| Temperature: | 24°C | Tested by: | Lily.Wang |

| Channel | Frequency (MHz) | 20dB Bandwidth (B) (MHz) | 99% Bandwidth (B) (MHz) |
|---------|--------------------|-----------------------------|----------------------------|
| 00 | 2402 | 1.281 | 1.174 |
| 39 | 2441 | 1.280 | 1.175 |
| 78 | 2480 | 1.279 | 1.175 |



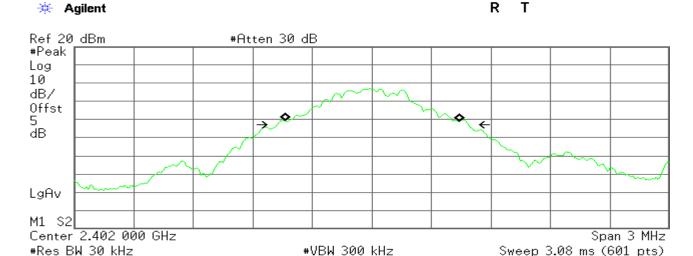
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Test Plot

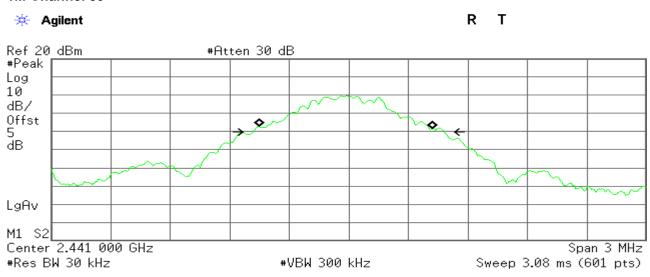
1M Channel 00



Occupied Bandwidth 874.2139 kHz Occ BW % Pwr 99.00 % x dB -20.00 dB

Transmit Freq Error 1.152 kHz x dB Bandwidth 964.767 kHz

1M Channel 39



Occupied Bandwidth 869.7105 kHz Occ BW % Pwr 99.00 % x dB -20.00 dB

Transmit Freq Error -17.222 kHz x dB Bandwidth 961.100 kHz



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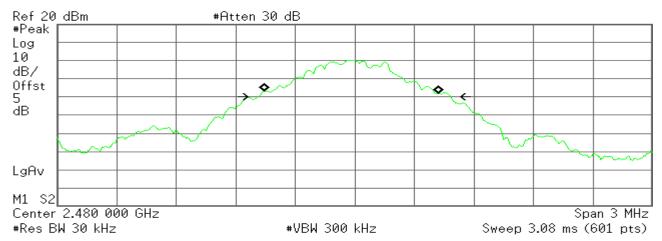
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1M Channel 78



R T



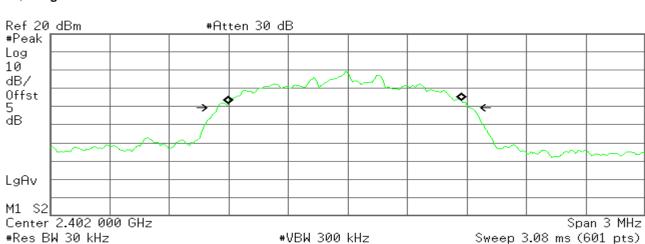
Occupied Bandwidth 872.2622 kHz Occ BW % Pwr 99.00 % x dB -20.00 dB

Transmit Freq Error -17.827 kHz x dB Bandwidth 962.266 kHz

3M Channel 00

* Agilent

R T



Occupied Bandwidth 1.1738 MHz

Occ BW % Рыг 99.00 % х dB -20.00 dB

Transmit Freq Error -16.898 kHz x dB Bandwidth 1.281 MHz



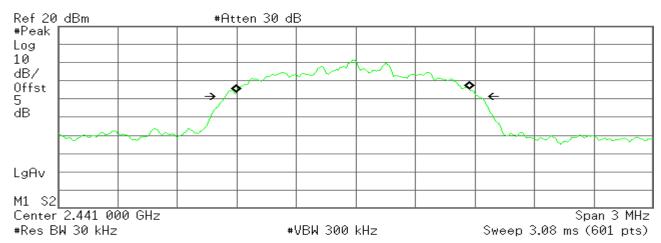
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3M Channel 39



R Т



Occupied Bandwidth 1.1753 MHz

Occ BW % Pwr 99.00 % x dB -20.00 dB

Transmit Freq Error -17.797 kHz x dB Bandwidth 1.280 MHz

3M Channel 78

R Т 🔆 Agilent #Atten 30 dB Ref 20 dBm #Peak Log 10 dB/ Offst ďΒ LgAv M1 S2 Center 2.480 000 GHz Span 3 MHz #Res BW 30 kHz #VBW 300 kHz Sweep 3.08 ms (601 pts)

Occupied Bandwidth 1.1745 MHz Occ BW % Pwr 99.00 % x dB -20.00 dB

Transmit Freg Error -18.476 kHz x dB Bandwidth 1.279 MHz



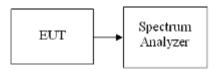
Date of Issue : August 14, 2017 Reference No: C170208R01-RPB IC: 1752B-SR6BT Report No: C170704R01-RPB

6.3 HOPPING CHANNEL SEPARATION

LIMIT

According to §15.247(a)(1)Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

Test Configuration



TEST PROCEDURE

- 1. Place the EUT on the table and set it in transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 3. Set center frequency of spectrum analyzer = middle of hopping channel.
- 4. Set the spectrum analyzer as RBW = 30kHz, VBW = 100kHz, Span = 3MHz, Sweep = auto.
- 5. Max hold, mark 2 peaks of hopping channel and record the 2 peaks frequency.



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TEST RESULTS

No non-compliance noted

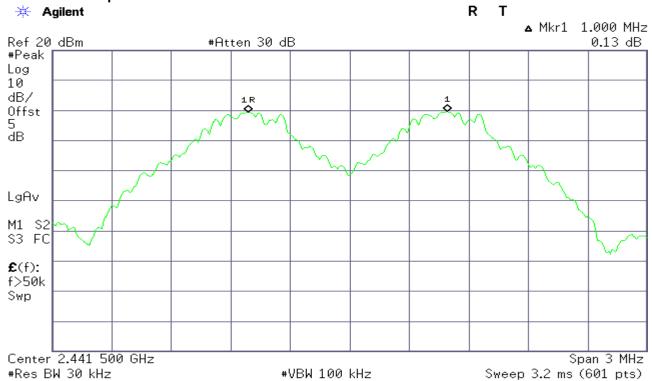
| Operation Mode: | 1 Mbps | Test Date: | 2017-2-9 |
|-----------------|--------|------------|-----------|
| Temperature: | 24°C | Tested by: | Lily.Wang |

| Channal | Frequency | Separation | (2/3 of 20dB BW) | Result |
|---------|-----------|------------|------------------|--------|
| Channel | (MHz) | (MHz) | Limits (MHz) | Result |
| 39~40 | 2441~2442 | 1.000 | 0.64 | Pass |

| Operation Mode: | 3 Mbps | Test Date: | 2017-2-9 |
|-----------------|--------|------------|-----------|
| Temperature: | 24°C | Tested by: | Lily.Wang |

| Channel | Frequency | Separation | (2/3 of 20dB BW) | Dogult |
|---------|-----------|------------|------------------|--------|
| Channel | (MHz) | (MHz) | Limits (MHz) | Result |
| 39~40 | 2441~2442 | 1.000 | 0.854 | Pass |

1M Channel Separation Plot on Channel 39-40



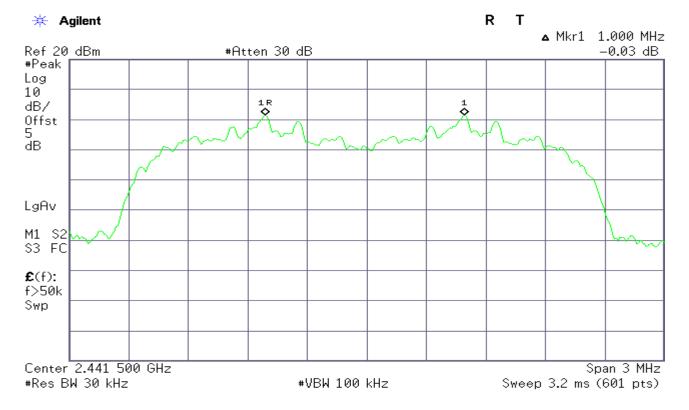


Date of Issue : August 14, 2017

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IC: 1752B-SR6BT

3M Channel Separation Plot on Channel 39-40





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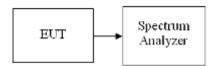
IC: 1752B-SR6BT

6.4 NUMBER OF HOPPING FREQUENCY

LIMIT

According to §15.247(a)(1)(iii), Frequency hopping systems operating in the 2400MHz-2483.5 MHz bands shall use at least 15 hopping frequencies.

Test Configuration



TEST PROCEDURE

- 1. Place the EUT on the table and set it in transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- Set spectrum analyzer Start=2400MHz, Stop = 2441.5MHz, Sweep = auto and Start=2441.5MHz, Stop 3. = 2483.5MHz, Sweep = auto.
- 4. Set the spectrum analyzer as RBW, VBW=1MHz.
- 5. Max hold, view and count how many channel in the band.

TEST RESULTS

No non-compliance noted

Test Data

| Operation Mode: | 1 Mbps | Test Date: | 2017-2-9 |
|-----------------|--------|------------|-----------|
| Temperature: | 24°C | Tested by: | Lily.Wang |

| Result (No. of CH) | Limit (No. of CH) | Result |
|--------------------|-------------------|--------|
| 79 | >15 | PASS |

| Operation Mode: | 3 Mbps | Test Date: | 2017-2-9 |
|-----------------|--------|------------|-----------|
| Temperature: | 24°C | Tested by: | Lily.Wang |

| Result (No. of CH) | Limit (No. of CH) | Result |
|--------------------|-------------------|--------|
| 79 | >15 | PASS |



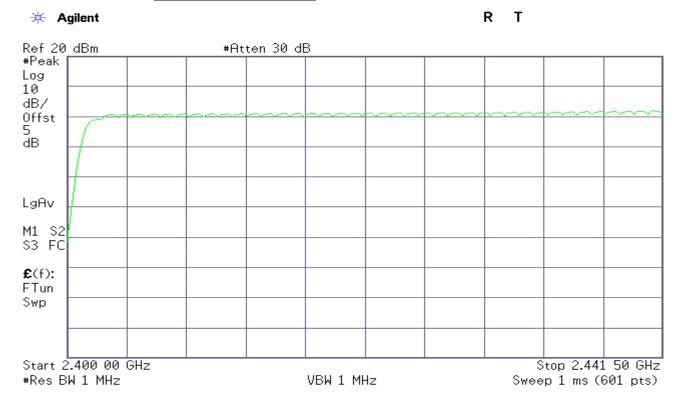
Date of Issue : August 14, 2017

IC: 1752B-SR6BT

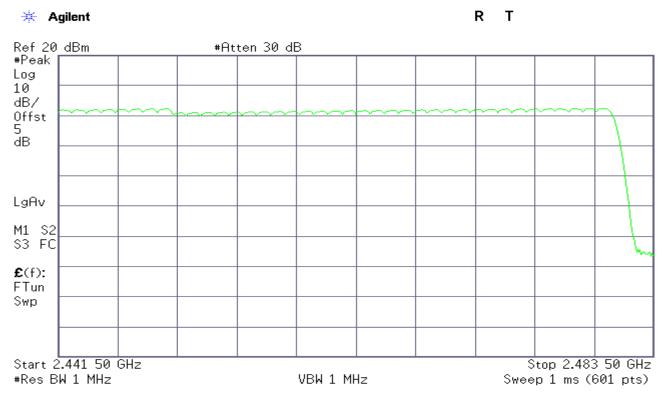
Reference No: C170208R01-RPB Report No: C170704R01-RPB

Test Plot:1M

Channel Number 2.4 GHz - 2.4415 GHz



Channel Number <u>2.4415 GHz – 2.4835 GHz</u>



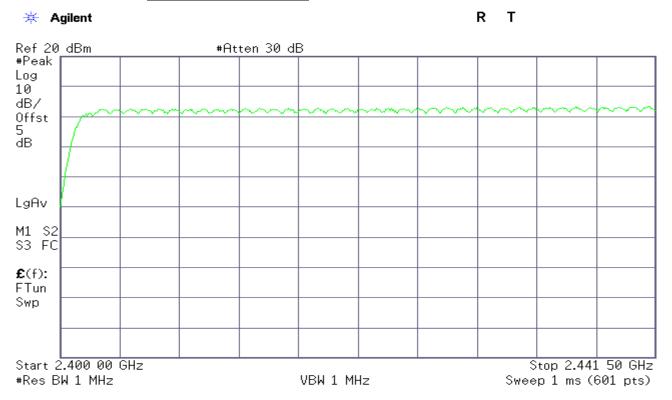


Date of Issue: August 14, 2017

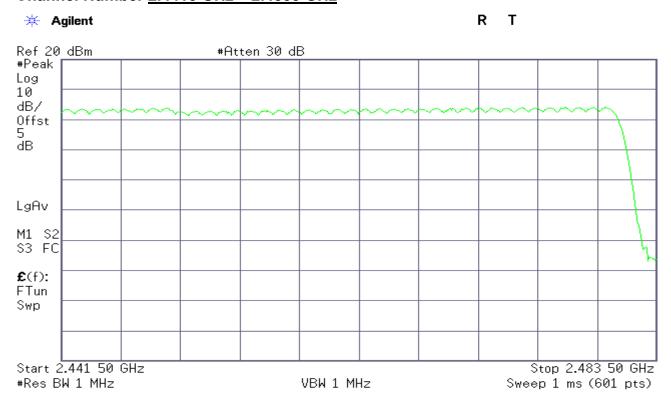
Reference No: C170208R01-RPB Report No: C170704R01-RPB

IC: 1752B-SR6BT

Test Plot:3M Channel Number 2.4 GHz – 2.4415 GHz



Channel Number <u>2.4415 GHz - 2.4835 GHz</u>





 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

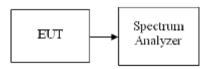
 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

6.5 TIME OF OCCUPANCY (DWELL TIME)

LIMIT

According to §15.247(a)(1)(iii), Frequency hopping systems operating in the 2400MHz-2483.5 MHz bands. The average time of occupancy on any channels shall not greater than 0.4 s within a period 0.4 s multiplied by the number of hopping channels employed.

Test Configuration



TEST PROCEDURE

- 1. Place the EUT on the table and set it in transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 3. Set center frequency of spectrum analyzer = operating frequency.
- 4. Set the spectrum analyzer as RBW, VBW=1MHz, Span = 0Hz, Sweep = auto.
- 5. Repeat above procedures until all frequency measured were complete.

TEST RESULTS

No non-compliance noted

Test Data

1M

DH₁

0.430 * (1600/2)/79 * 31.6 = 137.60(ms)

| Pulse Time (ms) | | Period Time (s) | Limit (ms) | Result |
|--------------------|--------|--------------------|---------------|--------|
| 0.430 | 137.60 | 31.60 | 400 | PASS |

DH₃

1.700* (1600/4)/79 * 31.6 = 272.00 (ms)

| Pulse Time (ms) | Total of Dwell (ms) | | Limit (ms) | Result |
|--------------------|---------------------|-------|---------------|--------|
| 1.700 | 272.00 | 31.60 | 400 | PASS |

DH 5

2.950* (1600/6)/79 * 31.6 = 314.67(ms)

| Pulse Time (ms) | Total of Dwell (ms) | | Limit (ms) | Result |
|--------------------|---------------------|-------|---------------|--------|
| 2.950 | 314.67 | 31.60 | 400 | PASS |



Date of Issue : August 14, 2017

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IC: 1752B-SR6BT

3M DH 1

0.450 * (1600/2)/79 * 31.6 = 144.00 (ms)

| Pulse Time (ms) | Total of Dwell (ms) | Period Time (s) | Limit (ms) | Result |
|--------------------|---------------------|--------------------|---------------|--------|
| 0.450 | 144.00 | 31.60 | 400 | PASS |

DH 3

1.708* (1600/4)/79 * 31.6 = 273.28 (ms)

| Pulse Time (ms) | | Period Time (s) | Limit (ms) | Result |
|--------------------|--------|--------------------|---------------|--------|
| 1.708 | 273.28 | 31.60 | 400 | PASS |

DH 5

3.017* (1600/6)/79 * 31.6 = 321.81(ms)

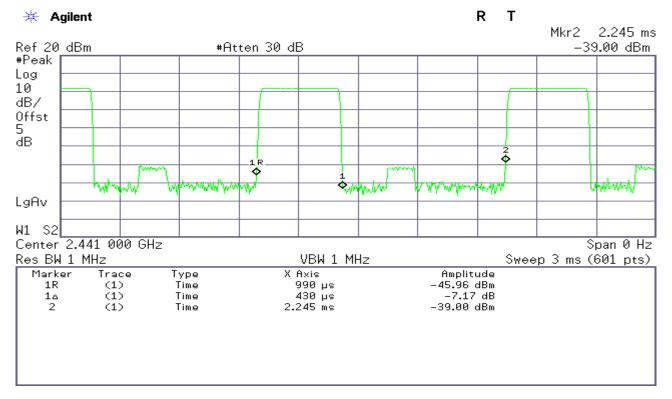
| Pulse Time (ms) | Total of Dwell (ms) | | Limit (ms) | Result |
|--------------------|---------------------|-----|---------------|--------|
| , | (- / | (-) | (- / | PASS |



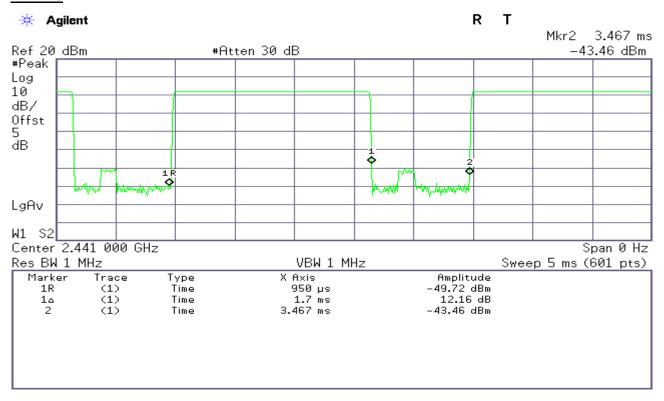
Date of Issue : August 14, 2017 Reference No: C170208R01-RPB Report No: C170704R01-RPB

IC: 1752B-SR6BT

1M-DH1



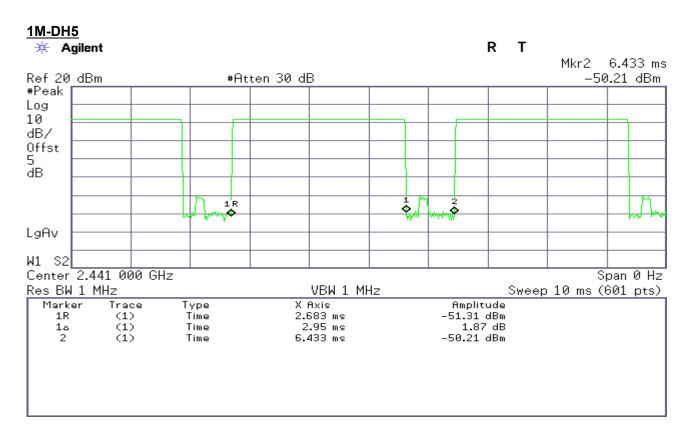
1M-DH3

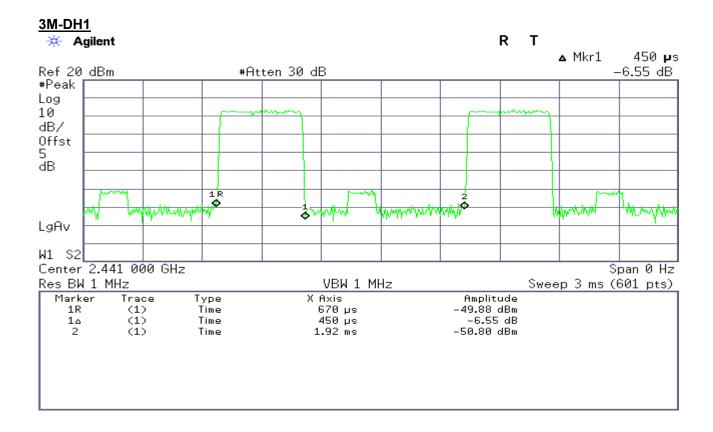




Date of Issue : August 14, 2017 Reference No: C170208R01-RPB Report No: C170704R01-RPB

IC: 1752B-SR6BT







Report No: C170704R01-RPB

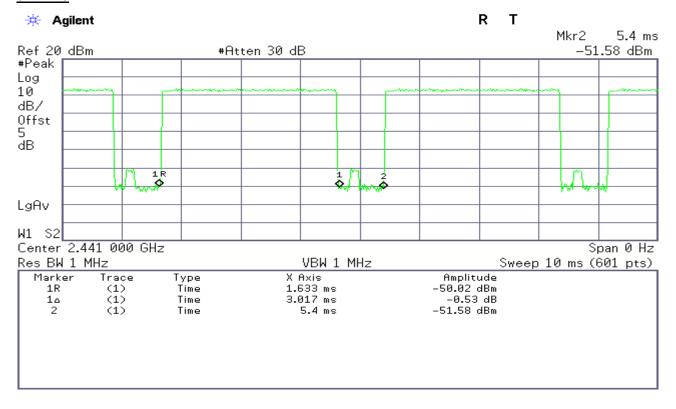
Date of Issue: August 14, 2017 Reference No: C170208R01-RPB

IC: 1752B-SR6BT





3M-DH5





 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

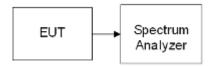
 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

6.6 Conducted Band Edges Measurement

LIMIT

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

Test Configuration



TEST PROCEDURE

- 1. The testing follows the guidelines in Band-edge Compliance of RF Conducted Emissions of FCC Public Notice DA 00-705 Measurement Guidelines.
- 2. Set to the maximum power setting and enable the EUT transmit continuously.
- 3. Set RBW = 100kHz (≥1% span=10MHz), VBW = 300kHz (≥3RBW). Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.
- 4. Enable hopping function of the EUT and then repeat step 2. and 3.
- 5. Measure and record the results in the test report.

TEST RESULTS

No non-compliance noted



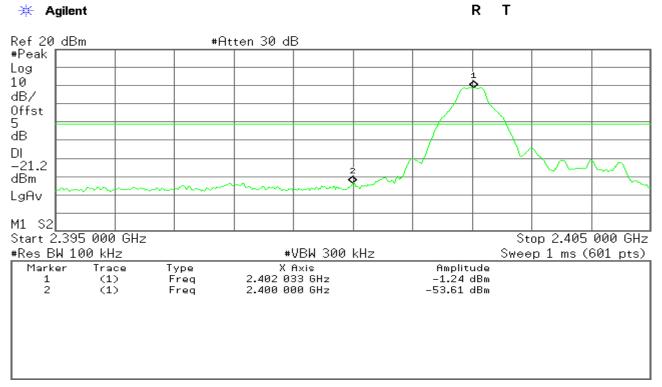
 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

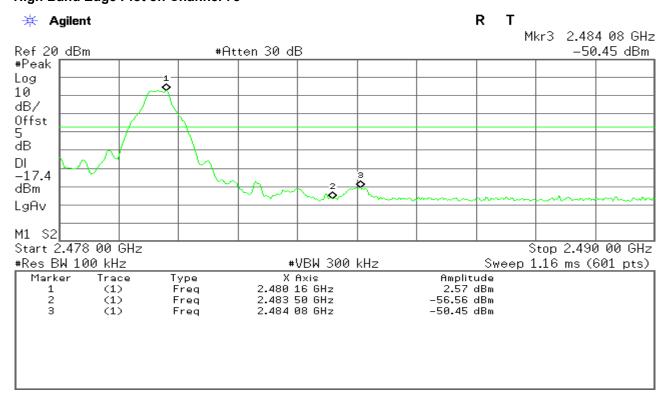
Test Result of Conducted Band Edges

| Operation Mode: | 1 Mbps | Test Date: | 2017-2-9 |
|-----------------|-----------|--------------|-----------|
| Test Channel: | 00 and 78 | Tested by: | Lily.Wang |
| Humidity: | 52 % RH | Temperature: | 24°C |

Low Band Edge Plot on Channel 00



High Band Edge Plot on Channel 78





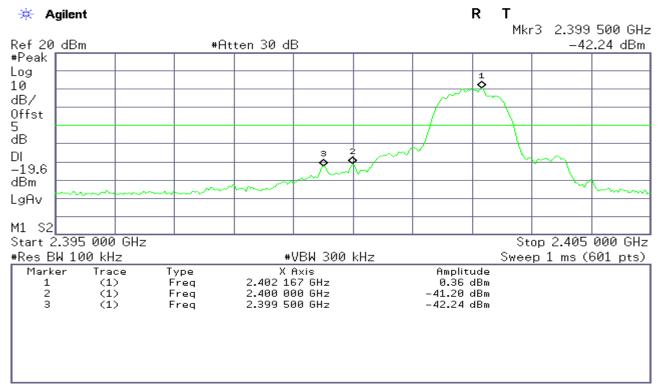
Date of Issue : August 14, 2017

Reference No: C170208R01-RPB Report No: C170704R01-RPB

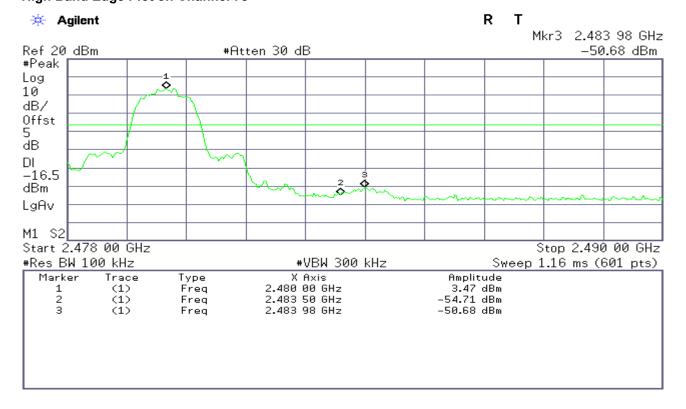
IC: 1752B-SR6BT

| Operation Mode: | 3 Mbps | Test Date: | 2017-2-9 |
|-----------------|-----------|--------------|-----------|
| Test Channel: | 00 and 78 | Tested by: | Lily.Wang |
| Humidity: | 52 % RH | Temperature: | 24°C |

Low Band Edge Plot on Channel 00



High Band Edge Plot on Channel 78





Date of Issue : August 14, 2017 Reference No: C170

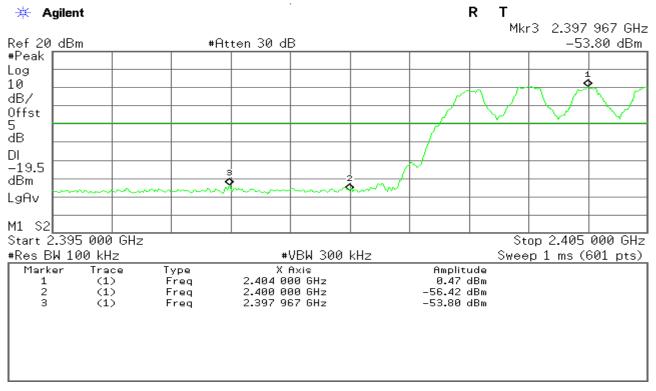
IC: 1752B-SR6BT

Reference No: C170208R01-RPB Report No: C170704R01-RPB

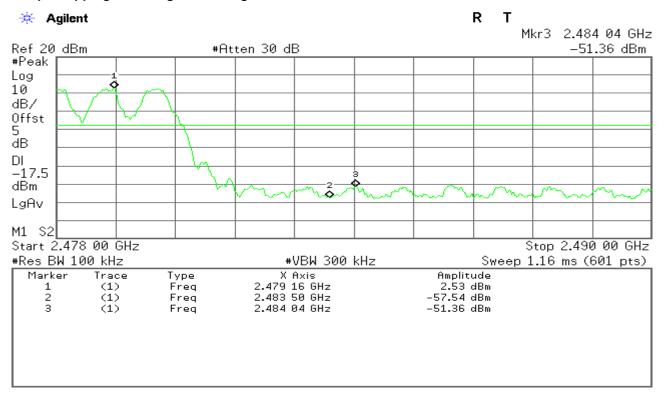
Test Result of Conducted Hopping Mode Band Edges

| Operation Mode: | 1 Mbps | Test Date: | 2017-2-9 |
|-----------------|---------|--------------|----------|
| Humidity: | 52 % RH | Temperature: | 24°C |

1Mbps Hopping Mode Low Band Edge Plot



1Mbps Hopping Mode High Band Edge Plot





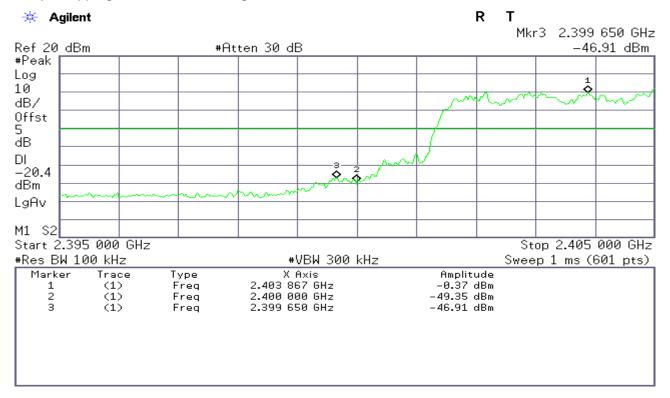
Date of Issue : August 14, 2017

Reference No: C170208R01-RPB Report No: C170704R01-RPB

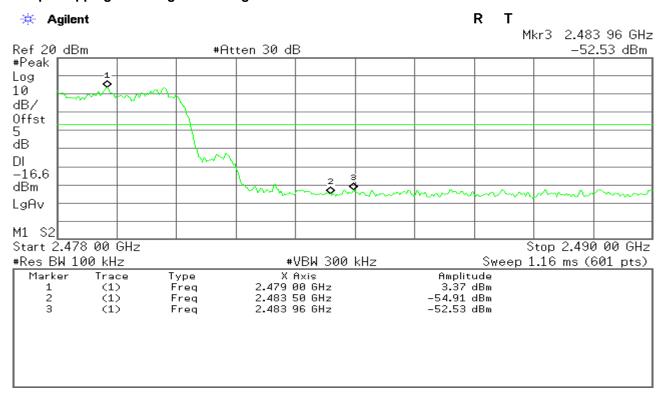
IC: 1752B-SR6BT

| Operation Mode: | 3 Mbps | Test Date: | 2017-2-9 |
|-----------------|---------|--------------|----------|
| Humidity: | 52 % RH | Temperature: | 24°C |

3Mbps Hopping Mode Low Band Edge Plot



3Mbps Hopping Mode High Band Edge Plot





 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

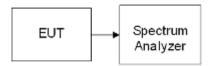
 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

6.7 Conducted Spurious Emission Measurement

LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

Test Configuration



TEST PROCEDURE

Conducted RF measurements of the transmitter output were made to confirm that the EUT antenna port conducted emissions meet the specified limit and to identify any spurious signals that require further investigation or measurements on the radiated emissions site.

The transmitter output is connected to the spectrum analyzer. The resolution bandwidth is set to 100 KHz. The video bandwidth is set to 300 KHz.

Measurements are made over the 30MHz to 26GHz range with the transmitter set to the lowest, middle, and highest channels.

TEST RESULTS

No non-compliance noted

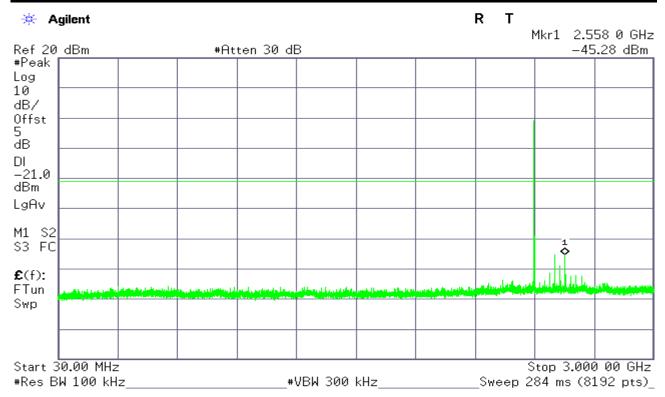


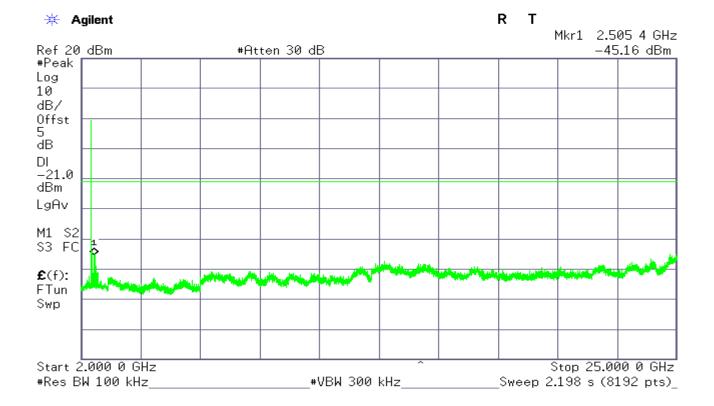
Date of Issue : August 14, 2017

Reference No: C170208R01-RPB Report No: C170704R01-RPB

IC: 1752B-SR6BT

| Operation Mode: | 1 Mbps | Test Date: | 2017-2-9 |
|-----------------|---------|--------------|-----------|
| Test Channel: | 00 | Tested by: | Lily.Wang |
| Humidity: | 52 % RH | Temperature: | 24°C |



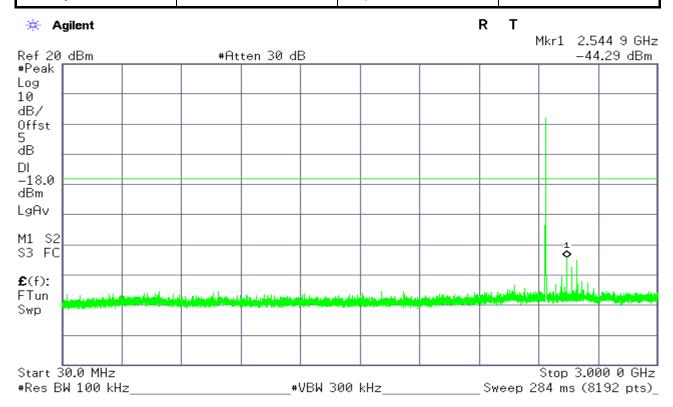


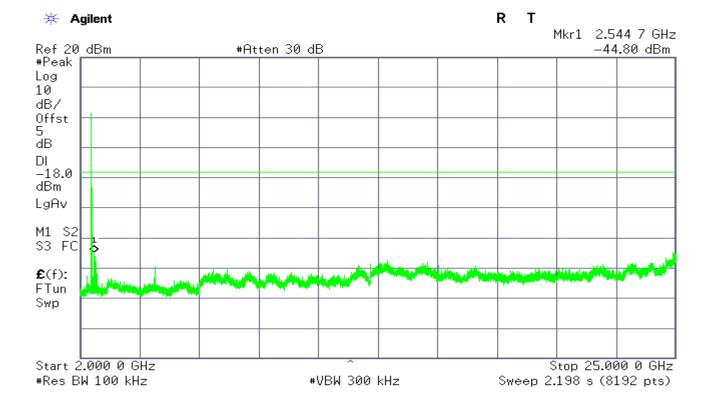


Date of Issue : August 14, 2017

Reference No: C170208R01-RPB IC: 1752B-SR6BT Report No: C170704R01-RPB

2017-2-9 Operation Mode: 1 Mbps Test Date: Test Channel: 39 Tested by: Lily.Wang 52 % RH 24°C Temperature: Humidity:



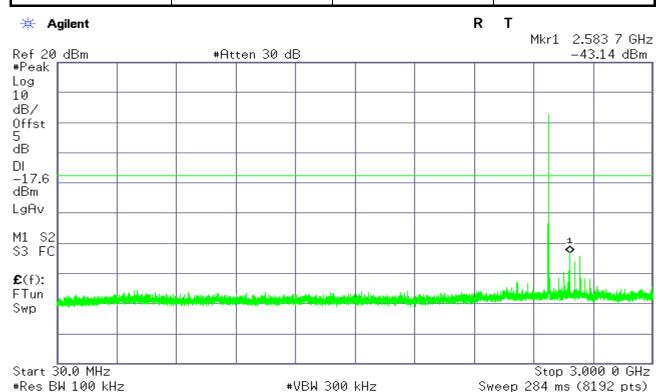




Reference No: C170208R01-RPB Date of Issue : August 14, 2017 Report No: C170704R01-RPB

IC: 1752B-SR6BT

| Operation Mode: | 1 Mbps | Test Date: | 2017-2-9 |
|-----------------|---------|--------------|-----------|
| Test Channel: | 78 | Tested by: | Lily.Wang |
| Humidity: | 52 % RH | Temperature: | 24°C |



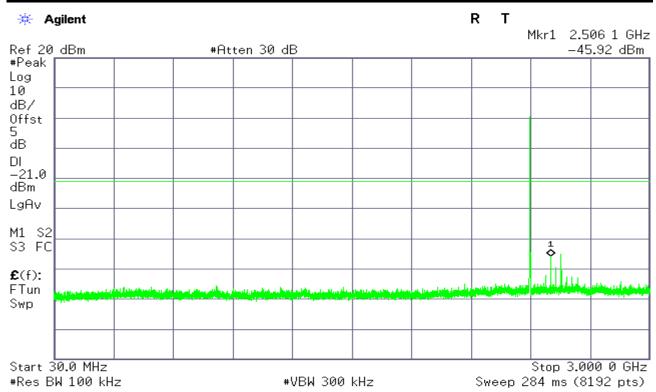
Т * Agilent R Mkr1 2.584 1 GHz Ref 20 dBm #Atten 30 dB -42.58 dBm #Peak Log 10 dB/ Offst dΒ DΙ -17.6dBm LgAv M1 S2 S3 FC £(f): FTun Swp Stop 25.000 0 GHz Start 2.000 0 GHz Sweep 2.198 s (8192 pts) #Res BW 100 kHz #VBW 300 kHz

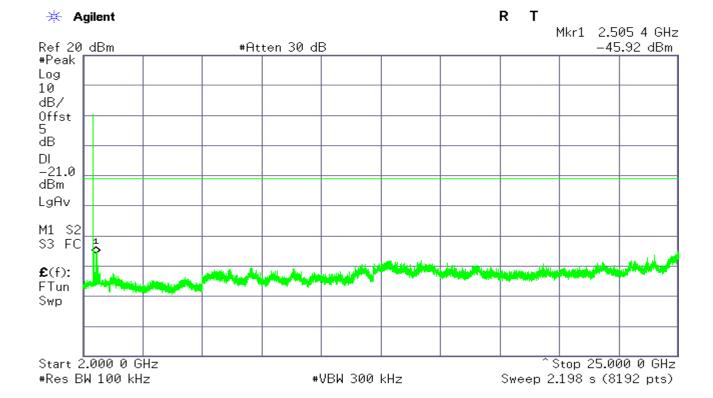


Date of Issue : August 14, 2017

Reference No: C170208R01-RPB IC: 1752B-SR6BT Report No: C170704R01-RPB

| Operation Mode: | 3 Mbps | Test Date: | 2017-2-9 |
|-----------------|---------|--------------|-----------|
| Test Channel: | 00 | Tested by: | Lily.Wang |
| Humidity: | 52 % RH | Temperature: | 24°C |



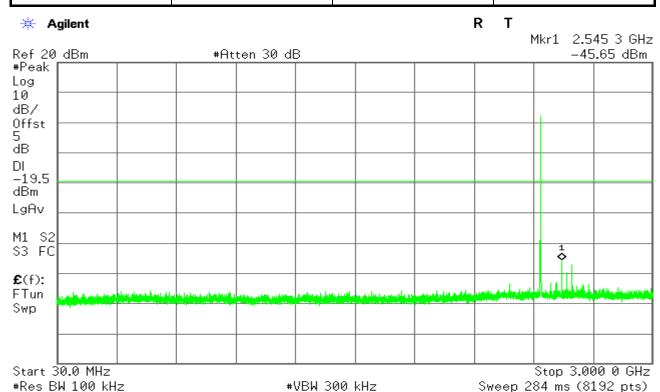




Reference No: C170208R01-RPB Date of Issue: August 14, 2017 Report No: C170704R01-RPB

IC: 1752B-SR6BT

Operation Mode: 3 Mbps Test Date: 2017-2-9 Test Channel: 39 Tested by: Lily.Wang 52 % RH 24°C Humidity: Temperature:



* Agilent R Mkr1 2.544 7 GHz Ref 20 dBm #Atten 30 dB -47.19 dBm #Peak Log 10 dB/ Offst dΒ DΙ -19.5dBm LgAv M1 S2 S3 FC £(f): FTun Swp Start 2.000 0 GHz Stop 25.000 0 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.198 s (8192 pts)

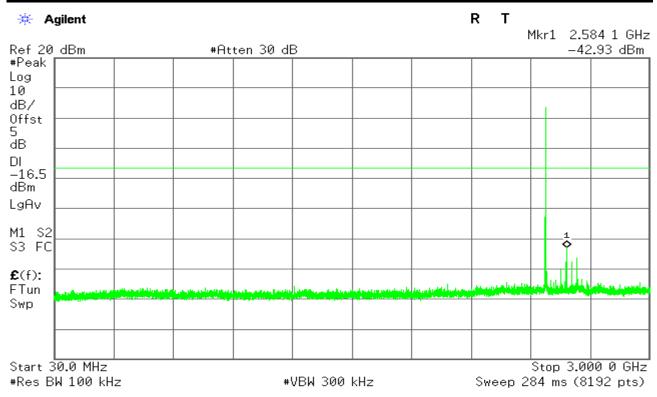


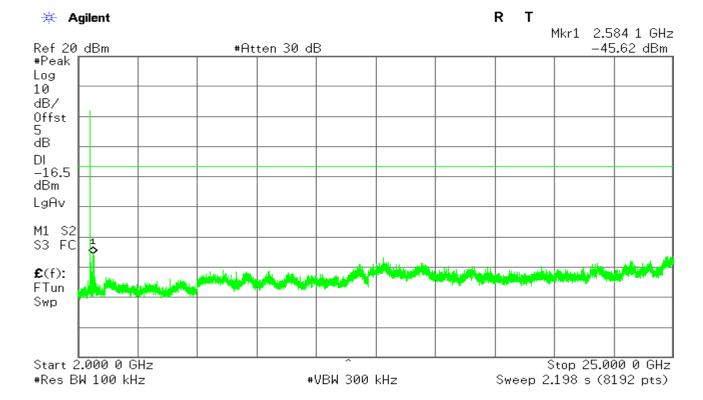
Date of Issue : August 14, 2017

IC: 1752B-SR6BT

Reference No: C170208R01-RPB Report No: C170704R01-RPB

| Operation Mode: | 3 Mbps | Test Date: | 2017-2-9 |
|-----------------|---------|--------------|-----------|
| Test Channel: | 78 | Tested by: | Lily.Wang |
| Humidity: | 52 % RH | Temperature: | 24°C |







 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

6.8 Radiated Band Edge and Spurious Emission Measurement

LIMIT

1. Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Frequency (MHz) | Field Strength (mV/m) | Measurement Distance (m) |
|-----------------|-----------------------|--------------------------|
| 30-88 | 100* | 3 |
| 88-216 | 150* | 3 |
| 216-960 | 200* | 3 |
| Above 960 | 500 | 3 |

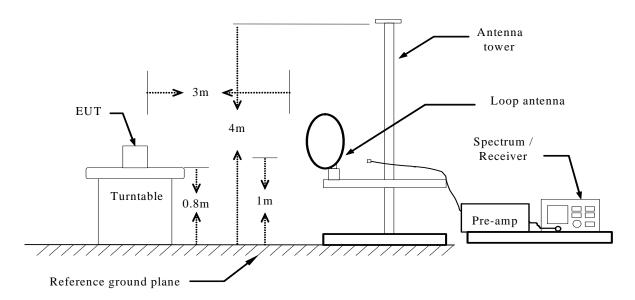
Remark: Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

2. In the above emission table, the tighter limit applies at the band edges.

| Frequency (Hz) | Field Strength (μV/m at 3-meter) | Field Strength (dBµV/m at 3-meter) |
|----------------|-------------------------------------|---------------------------------------|
| 30-88 | 100 | 40 |
| 88-216 | 150 | 43.5 |
| 216-960 | 200 | 46 |
| Above 960 | 500 | 54 |

Test Configuration

Below 30MHz

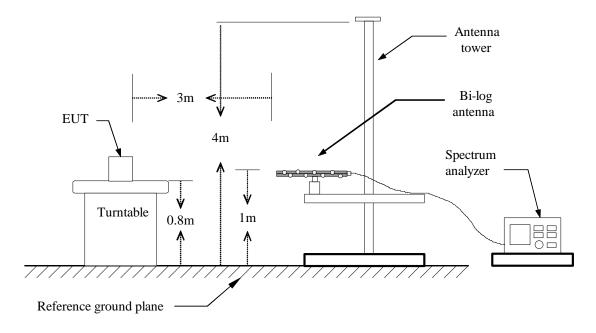




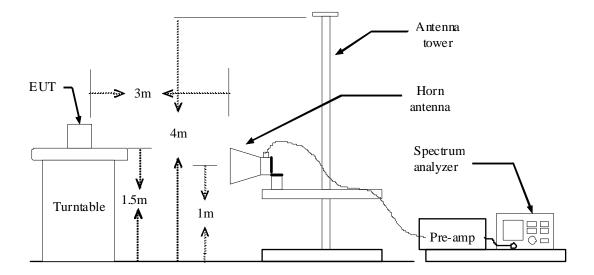
Date of Issue : August 14, 2017 IC: 1752B-SR6BT

Reference No: C170208R01-RPB Report No: C170704R01-RPB

Below 1 GHz



Above 1 GHz





Date of Issue: August 14, 2017 Reference No: C170208R01-RPB Report No: C170704R01-RPB

IC: 1752B-SR6BT

TEST PROCEDURE

- 1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r05.
- 2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
- 3. The EUT is placed on a turntable above ground plane, which is 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 5. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level
- 6. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the guasi-peak detector and reported.
- 7. Use the following spectrum analyzer settings:
- (1) Span shall wide enough to fully capture the emission being measured;
- (2) Set RBW=100 kHz for f < 1 GHz; VBW =3 RBW; Sweep = auto; Detector function = peak; Trace = max hold:
- (3) Set RBW = 1 MHz, VBW= 3MHz for f > 1 GHz for peak measurement.

For average measurement:

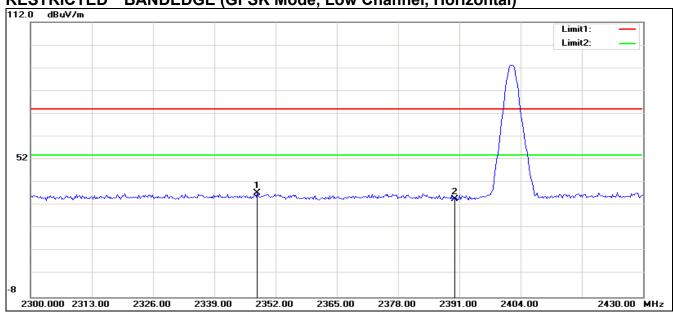
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

| Configuration | Duty Cycle(%) | T(ms) | 1/T(kHz) | VBW Setting |
|---------------|---------------|-------|----------|----------------|
| BR- GFSK | 78.66% | 2.95 | 0.338 | 0.5kHz |
| EDR-8-DPSK | 80.09% | 3.017 | 0.331 | 0.5kHz |



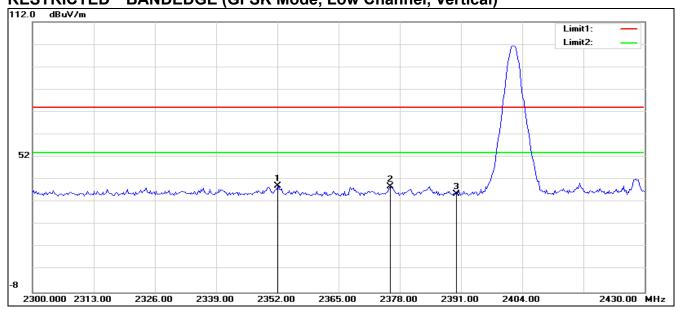
Reference No: C170208R01-RPB Date of Issue: August 14, 2017 IC: 1752B-SR6BT Report No: C170704R01-RPB

BANDEDGE (GFSK Mode, Low Channel, Horizontal) RESTRICTED



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2348.125 | 46.47 | -8.97 | 37.50 | 74.00 | -36.50 | 100 | 239 | peak |
| 2 | 2390.000 | 43.62 | -8.81 | 34.81 | 74.00 | -39.19 | 100 | 218 | peak |

BANDEDGE (GFSK Mode, Low Channel, Vertical) RESTRICTED

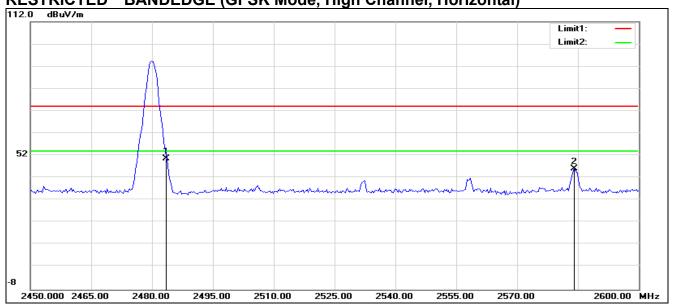


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2352.083 | 48.11 | -8.95 | 39.16 | 74.00 | -34.84 | 100 | 181 | peak |
| 2 | 2376.042 | 47.89 | -8.86 | 39.03 | 74.00 | -34.97 | 100 | 95 | peak |
| 3 | 2390.000 | 44.39 | -8.81 | 35.58 | 74.00 | -38.42 | 100 | 268 | peak |



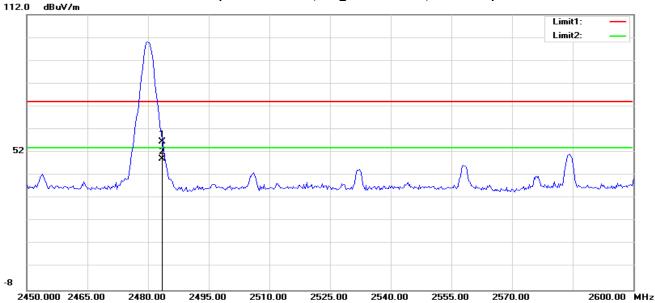
Date of Issue : August 14, 2017 Reference No: C170208R01-RPB IC: 1752B-SR6BT Report No: C170704R01-RPB

RESTRICTED BANDEDGE (GFSK Mode, High Channel, Horizontal)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2483.500 | 59.26 | -8.47 | 50.79 | 74.00 | -23.21 | 100 | 125 | peak |
| 2 | 2584.135 | 54.09 | -8.06 | 46.03 | 74.00 | -27.97 | 100 | 59 | peak |

RESTRICTED BANDEDGE (GFSK Mode, High Channel, Vertical)



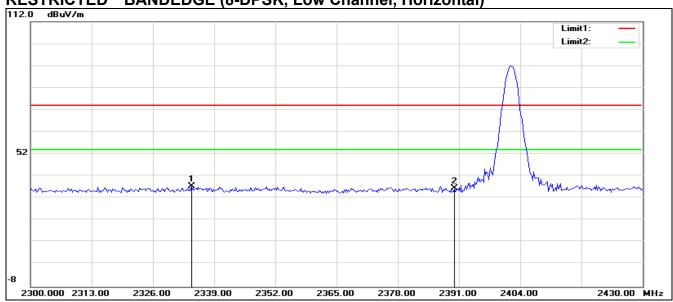
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2483.500 | 65.21 | -8.47 | 56.74 | 74.00 | -17.26 | 100 | 0 | peak |
| 2 | 2483.500 | 57.49 | -8.47 | 49.02 | 54.00 | -4.98 | 100 | 106 | AVG |



 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

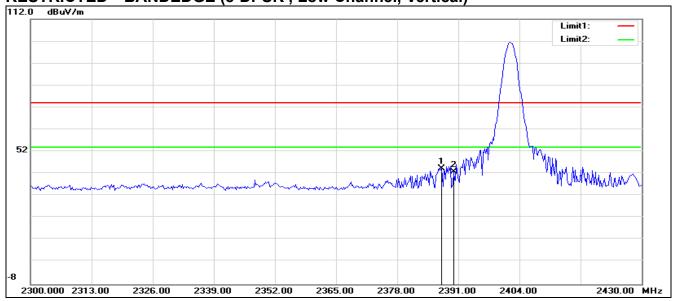
 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

RESTRICTED BANDEDGE (8-DPSK, Low Channel, Horizontal)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2334.167 | 46.48 | -9.02 | 37.46 | 74.00 | -36.54 | 100 | 244 | peak |
| 2 | 2390.000 | 45.30 | -8.81 | 36.49 | 74.00 | -37.51 | 100 | 56 | peak |

RESTRICTED BANDEDGE (8-DPSK, Low Channel, Vertical)



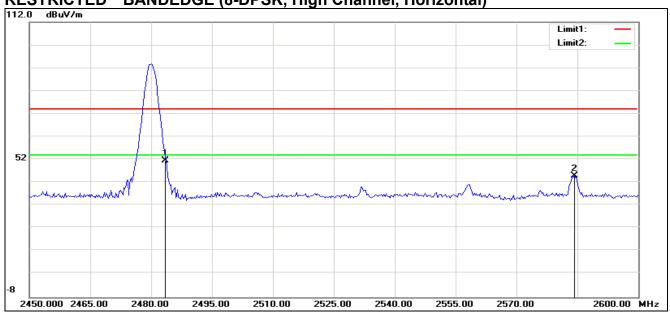
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2387.500 | 53.30 | -8.82 | 44.48 | 74.00 | -29.52 | 100 | 117 | peak |
| 2 | 2390.000 | 51.62 | -8.81 | 42.81 | 74.00 | -31.19 | 100 | 196 | peak |



 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

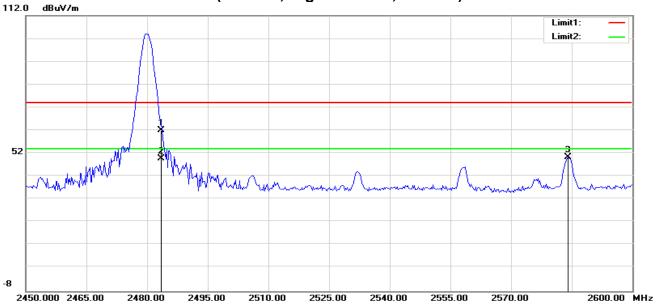
 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

RESTRICTED BANDEDGE (8-DPSK, High Channel, Horizontal)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2483.500 | 59.92 | -8.47 | 51.45 | 74.00 | -22.55 | 100 | 120 | peak |
| 2 | 2584.375 | 53.11 | -8.06 | 45.05 | 74.00 | -28.95 | 100 | 54 | peak |

RESTRICTED BANDEDGE (8-DPSK, High Channel, Vertical)

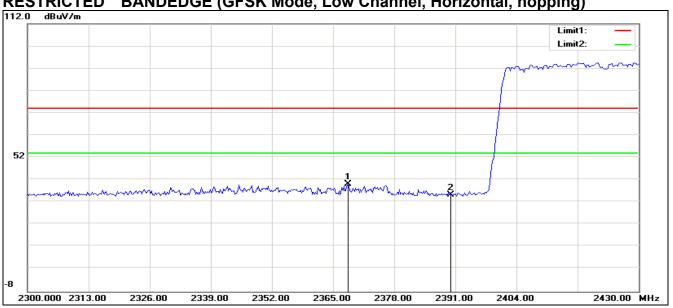


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2483.500 | 70.38 | -8.47 | 61.91 | 74.00 | -12.09 | 100 | 126 | peak |
| 2 | 2483.500 | 58.34 | -8.47 | 49.87 | 54.00 | -4.13 | 100 | 126 | AVG |
| 3 | 2584.135 | 58.49 | -8.06 | 50.43 | 74.00 | -23.57 | 100 | 99 | peak |



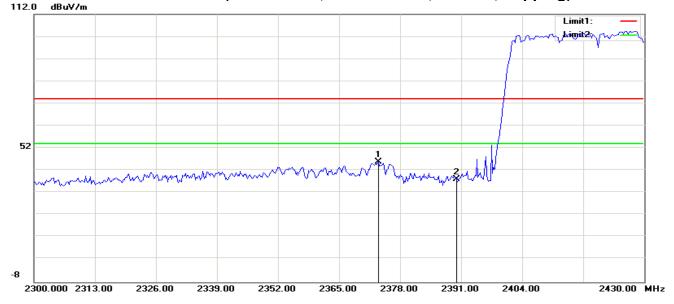
Date of Issue : August 14, 2017 Reference No: C170208R01-RPB IC: 1752B-SR6BT Report No: C170704R01-RPB

BANDEDGE (GFSK Mode, Low Channel, Horizontal, hopping) RESTRICTED



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2368.125 | 49.08 | -8.89 | 40.19 | 74.00 | -33.81 | 100 | 305 | peak |
| 2 | 2390.000 | 44.16 | -8.81 | 35.35 | 74.00 | -38.65 | 100 | 128 | peak |

RESTRICTED BANDEDGE (GFSK Mode, Low Channel, Vertical, hopping)



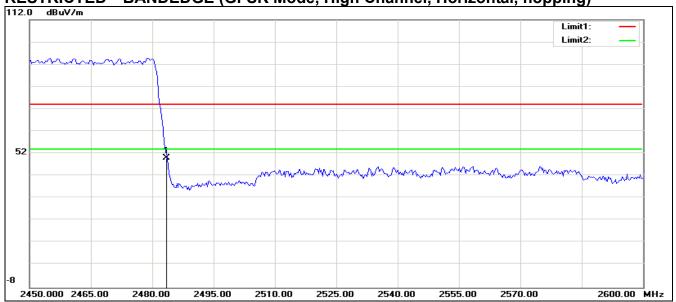
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2373.333 | 54.79 | -8.87 | 45.92 | 74.00 | -28.08 | 100 | 95 | peak |
| 2 | 2390.000 | 46.81 | -8.81 | 38.00 | 74.00 | -36.00 | 100 | 101 | peak |



 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

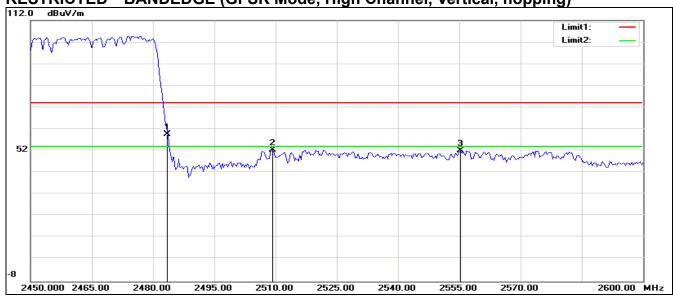
 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

RESTRICTED BANDEDGE (GFSK Mode, High Channel, Horizontal, hopping)



| | No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|---|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| I | 1 | 2483.500 | 58.44 | -8.47 | 49.97 | 74.00 | -24.03 | 100 | 265 | peak |

RESTRICTED BANDEDGE (GFSK Mode, High Channel, Vertical, hopping)



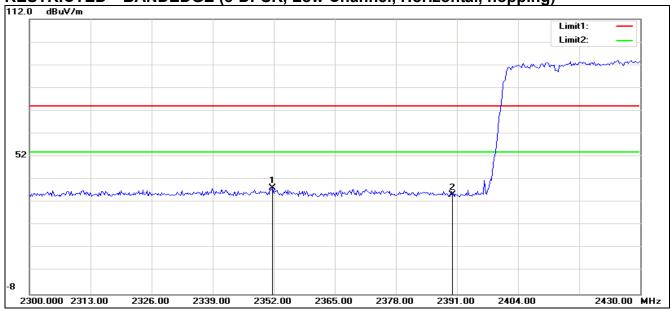
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2483.500 | 68.00 | -8.47 | 59.53 | 74.00 | -14.47 | 100 | 201 | peak |
| 2 | 2509.375 | 60.76 | -8.37 | 52.39 | 74.00 | -21.61 | 100 | 95 | peak |
| 3 | 2555.289 | 60.32 | -8.18 | 52.14 | 74.00 | -21.86 | 100 | 98 | peak |



 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

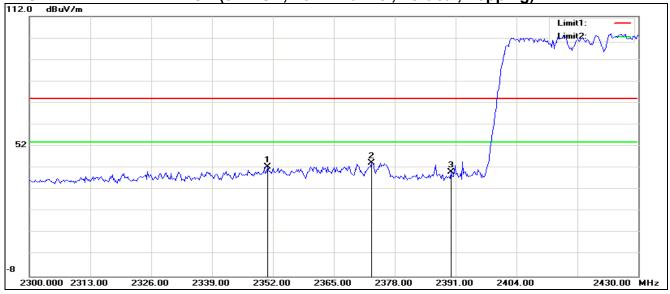
 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

RESTRICTED BANDEDGE (8-DPSK, Low Channel, Horizontal, hopping)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2351.667 | 47.35 | -8.95 | 38.40 | 74.00 | -35.60 | 100 | 300 | peak |
| 2 | 2390.000 | 44.13 | -8.81 | 35.32 | 74.00 | -38.68 | 100 | 204 | peak |

RESTRICTED BANDEDGE (8-DPSK, Low Channel, Vertical, hopping)

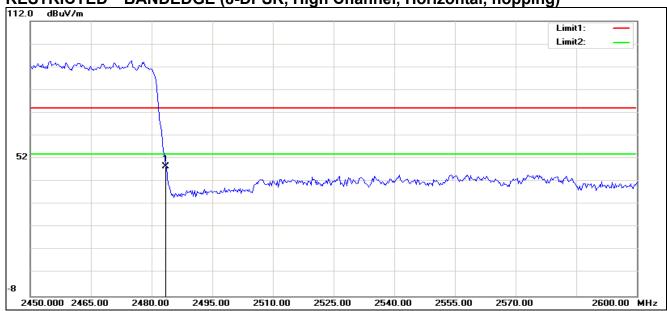


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2350.833 | 51.38 | -8.96 | 42.42 | 74.00 | -31.58 | 100 | 94 | peak |
| 2 | 2373.125 | 53.31 | -8.87 | 44.44 | 74.00 | -29.56 | 100 | 97 | peak |
| 3 | 2390.000 | 48.86 | -8.81 | 40.05 | 74.00 | -33.95 | 100 | 124 | peak |



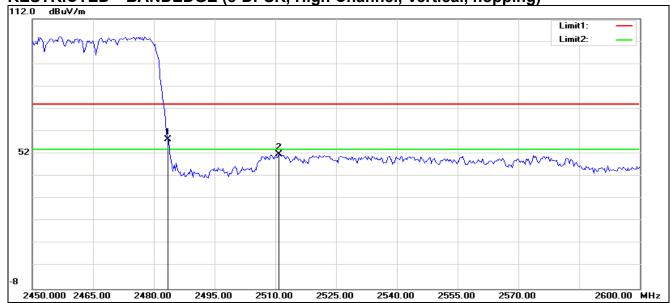
Date of Issue : August 14, 2017 Reference No: C170208R01-RPB IC: 1752B-SR6BT Report No: C170704R01-RPB

RESTRICTED BANDEDGE (8-DPSK, High Channel, Horizontal, hopping)



| | No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|---|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| Ī | 1 | 2483.500 | 56.90 | -8.47 | 48.43 | 74.00 | -25.57 | 100 | 238 | peak |

RESTRICTED BANDEDGE (8-DPSK, High Channel, Vertical, hopping)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 2483.500 | 66.97 | -8.47 | 58.50 | 74.00 | -15.50 | 100 | 106 | peak |
| 2 | 2510.817 | 60.11 | -8.37 | 51.74 | 74.00 | -22.26 | 100 | 94 | peak |



Date of Issue : August 14, 2017 Reference No: C170208R01-RPB IC: 1752B-SR6BT Report No: C170704R01-RPB

TEST RESULT OF RADIATED EMISSION

Below 30MHz

The interference of the frequency value is lower than the limit below 20 db, measured as the background noise values and will not be recorded.

| Operation Mode: | Normal Link | Test Date: | 2017-2-8 |
|-----------------|-------------|------------|-------------|
| Temperature: | 25°C | Tested by: | Lily.Wang |
| Humidity: | 48% RH | Polarity: | Ver. / Hor. |

| Frequency (MHz) | Ant. Pol. (H/V) | Reading (dBuV) | Correction Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|--------------------|-----------------------|-------------------|--------------------------------|--------------------|-------------------|----------------|--------|
| 30.0000 | ٧ | 12.81 | 22.10 | 34.91 | 40.00 | -5.09 | peak |
| 152.2200 | ٧ | 15.79 | 14.06 | 29.85 | 43.50 | -13.65 | peak |
| 371.4400 | V | 12.99 | 19.35 | 32.34 | 46.00 | -13.66 | peak |
| 456.8000 | V | 15.96 | 21.46 | 37.42 | 46.00 | -8.58 | peak |
| 720.6400 | V | 12.89 | 25.37 | 38.26 | 46.00 | -7.74 | peak |
| 871.9600 | V | 13.75 | 26.20 | 39.95 | 46.00 | -6.05 | peak |
| | | | | | | | |
| 30.0000 | Н | 12.75 | 22.10 | 34.85 | 40.00 | -5.15 | peak |
| 371.4400 | Н | 13.03 | 19.35 | 32.38 | 46.00 | -13.62 | peak |
| 536.3400 | Н | 13.23 | 22.44 | 35.67 | 46.00 | -10.33 | peak |
| 689.6000 | Н | 13.45 | 25.15 | 38.60 | 46.00 | -7.40 | peak |
| 876.8100 | Н | 13.75 | 26.26 | 40.01 | 46.00 | -5.99 | peak |
| 917.5500 | Н | 13.72 | 26.88 | 40.60 | 46.00 | -5.40 | peak |

Notes:

- 1. Mea surements above show only up to maximum emissions noted, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 2. Radiated emissions measured in frequency range from 9 KHz to 1000MHz were made with an instrument using Peak detector mode.
- 3. Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- 4. The IF bandwidth of SPA between 30MHz to 1GHz was 100kHz.



Date of Issue : August 14, 2017 Reference No: C170208R01-RPB

IC: 1752B-SR6BT Report No: C170704R01-RPB

Above 1 GHz

Operation Mode: 1 Mbps Test Date: 2017-2-8

Test Channel: CH00 Tested by: Lily.Wang

Temperature: 25°C **Polarity:** Ver. / Hor.

Horizontal

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4786.859 | 47.83 | -1.34 | 46.49 | 74.00 | -27.51 | 100 | 119 | peak |
| 2 | 7211.538 | 43.86 | 5.31 | 49.17 | 74.00 | -24.83 | 100 | 125 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Vertical

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4786.859 | 50.95 | -1.34 | 49.61 | 74.00 | -24.39 | 100 | 88 | peak |
| 2 | 7402.244 | 43.62 | 5.39 | 49.01 | 74.00 | -24.99 | 100 | 159 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Operation Mode: 1 Mbps **Test Date:** 2017-2-8

Test Channel: CH39 Tested by: Lily.Wang

Temperature: 25°C **Polarity:** Ver. / Hor.

Horizontal

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4868.590 | 48.21 | -1.37 | 46.84 | 74.00 | -27.16 | 100 | 139 | peak |
| 2 | 7320.513 | 45.93 | 5.36 | 51.29 | 74.00 | -22.71 | 100 | 62 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Vertical

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4868.590 | 50.35 | -1.37 | 48.98 | 74.00 | -25.02 | 100 | 90 | peak |
| 2 | 7320.513 | 44.89 | 5.36 | 50.25 | 74.00 | -23.75 | 100 | 205 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



Date of Issue : August 14, 2017 Reference No: C170208R01-RPB

Report No: C170704R01-RPB

IC: 1752B-SR6BT

Operation Mode: 1 Mbps Test Date: 2017-2-8

Test Channel: CH78 Tested by: Lily.Wang

Temperature: 25°C **Polarity:** Ver. / Hor.

Horizontal

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4950.320 | 50.92 | -1.41 | 49.51 | 74.00 | -24.49 | 100 | 138 | peak |
| 2 | 7429.487 | 45.33 | 5.40 | 50.73 | 74.00 | -23.27 | 100 | 58 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Vertical

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4950.320 | 52.19 | -1.41 | 50.78 | 74.00 | -23.22 | 100 | 68 | peak |
| 2 | 7429.487 | 45.10 | 5.40 | 50.50 | 74.00 | -23.50 | 100 | 103 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | · | | |
| | | | | | | | | | |

Operation Mode:3 MbpsTest Date:2017-2-8Test Channel:CH00Tested by:Lily.WangTemperature:25°CPolarity:Ver. / Hor.

Horizontal

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4786.859 | 47.34 | -1.34 | 46.00 | 74.00 | -28.00 | 100 | 120 | peak |
| 2 | 7184.295 | 43.62 | 5.30 | 48.92 | 74.00 | -25.08 | 100 | 139 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Vertical

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4786.859 | 51.23 | -1.34 | 49.89 | 74.00 | -24.11 | 100 | 87 | peak |
| 2 | 7456.731 | 44.57 | 5.41 | 49.98 | 74.00 | -24.02 | 100 | 28 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



Operation Mode:

Compliance Certification Services (KunShan) Inc.

Date of Issue : August 14, 2017 Reference No: C170208R01-RPB

IC: 1752B-SR6BT

3 Mbps

Test Date: 2017-2-8

Report No: C170704R01-RPB

Test Channel: CH39 Tested by: Lily.Wang

Temperature: 25°C **Polarity:** Ver. / Hor.

Horizontal

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4868.590 | 49.53 | -1.37 | 48.16 | 74.00 | -25.84 | 100 | 134 | peak |
| 2 | 7320.513 | 46.14 | 5.36 | 51.50 | 74.00 | -22.50 | 100 | 63 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Vertical

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4786.859 | 51.19 | -1.34 | 49.85 | 74.00 | -24.15 | 100 | 301 | peak |
| 2 | 7102.564 | 44.59 | 5.27 | 49.86 | 74.00 | -24.14 | 100 | 354 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Operation Mode:3 MbpsTest Date:2017-2-8Test Channel:CH78Tested by:Lily.WangTemperature:25°CPolarity:Ver. / Hor.

Horizontal

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4950.320 | 52.01 | -1.41 | 50.60 | 74.00 | -23.40 | 100 | 139 | peak |
| 2 | 7429.487 | 46.04 | 5.40 | 51.44 | 74.00 | -22.56 | 100 | 64 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Vertical

| No. | Frequency | Reading | Correct | Result | Limit | Margin | Height | Degree | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | (deg.) | |
| 1 | 4950.320 | 52.35 | -1.41 | 50.94 | 74.00 | -23.06 | 100 | 114 | peak |
| 2 | 7429.487 | 43.83 | 5.40 | 49.23 | 74.00 | -24.77 | 100 | 15 | peak |
| N/A | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



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Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.



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6.9 POWERLINE CONDUCTED EMISSIONS

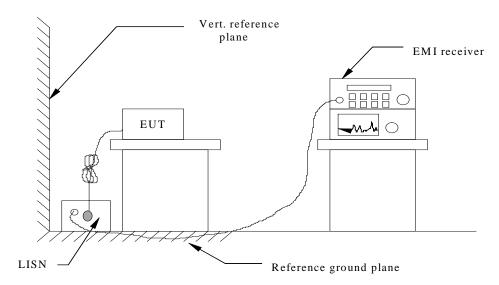
LIMIT

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed 250 microvolts (The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz). The limits at specific frequency range is listed as follows:

| Fraguency Bongo (MHz) | Limits (dBμV) | | | | | |
|-----------------------|---------------|----------|--|--|--|--|
| Frequency Range (MHz) | Quasi-peak | Average | | | | |
| 0.15 to 0.50 | 66 to 56 | 56 to 46 | | | | |
| 0.50 to 5 | 56 | 46 | | | | |
| 5 to 30 | 60 | 50 | | | | |

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

Test Configuration



See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

TEST PROCEDURE

- 1. The EUT was placed on a table, which is 0.8m above ground plane.
- 2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 3. Repeat above procedures until all frequency measured were complete.

TEST RESULTS

The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. Significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked.



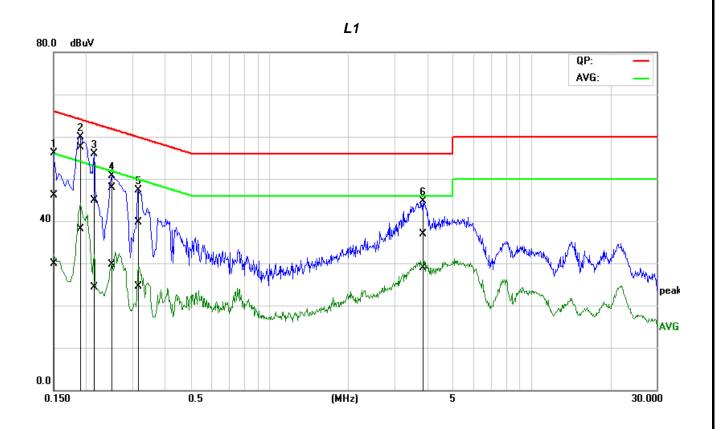
Date of Issue : August 14, 2017

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IC: 1752B-SR6BT

Test Data

| Job No.: | C170208R01 | Date: | 2017-2-9 |
|------------|-----------------|-------------------|--------------|
| Model No.: | SR6BT | Time: | AM 10:26:11 |
| Standard: | FCC Class B | Temp.(C)/Hum.(%): | 22(C)/41% |
| Test item: | Conduction test | Test By: | Lily.Wang |
| Line: | L1 | Test Voltage: | AC 120V/60Hz |
| Model: | | Description: | |



| No. | Frequency | QuasiPeak reading | Average reading | Correction factor | QuasiPeak result | Average result | QuasiPeak limit | Average limit | QuasiPeak margin | Average margin | Remark |
|-----|-----------|----------------------|-----------------|-------------------|---------------------|----------------|--------------------|---------------|---------------------|-------------------|--------|
| | (MHz) | (dBuV) | (dBuV) | (dB) | (dBuV) | (dBuV) | (dBuV) | (dBuV) | (dB) | (dB) | |
| 1 | 0.1500 | 26.27 | 10.10 | 19.79 | 46.06 | 29.89 | 66.00 | 56.00 | -19.94 | -26.11 | Pass |
| 2* | 0.1877 | 37.73 | 18.37 | 19.79 | 57.52 | 38.16 | 64.14 | 54.14 | -6.62 | -15.98 | Pass |
| 3 | 0.2124 | 25.03 | 4.57 | 19.79 | 44.82 | 24.36 | 63.11 | 53.11 | -18.29 | -28.75 | Pass |
| 4 | 0.2508 | 28.12 | 9.92 | 19.80 | 47.92 | 29.72 | 61.73 | 51.73 | -13.81 | -22.01 | Pass |
| 5 | 0.3163 | 19.83 | 4.67 | 19.80 | 39.63 | 24.47 | 59.80 | 49.80 | -20.17 | -25.33 | Pass |
| 6 | 3.8563 | 17.09 | 8.96 | 19.91 | 37.00 | 28.87 | 56.00 | 46.00 | -19.00 | -17.13 | Pass |

Note: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).



Line: Model:

Compliance Certification Services (KunShan) Inc.

Test Voltage:

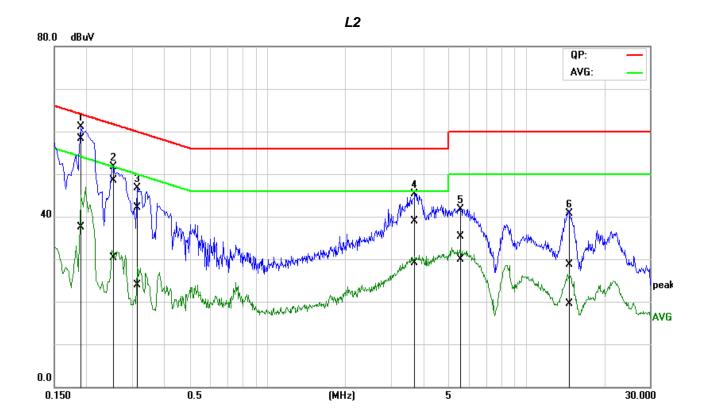
Description:

AC 120V/60Hz

 Date of Issue : August 14, 2017
 Reference No: C170208R01-RPB

 IC: 1752B-SR6BT
 Report No: C170704R01-RPB

C170208R01 2017-2-9 Job No.: Date: Model No.: SR6BT Time: AM 10:21:26 FCC Class B Standard: Temp.(C)/Hum.(%): 22(C)/41% Conduction test Lily.Wang Test item: Test By:



| No. | Frequency | QuasiPeak reading | Average reading | Correction factor | QuasiPeak result | Average result | QuasiPeak limit | Average limit | QuasiPeak margin | Average margin | Remark |
|-----|-----------|----------------------|-----------------|-------------------|---------------------|----------------|--------------------|---------------|---------------------|-------------------|--------|
| | (MHz) | (dBuV) | (dBuV) | (dB) | (dBuV) | (dBuV) | (dBuV) | (dBuV) | (dB) | (dB) | |
| 1* | 0.1870 | 38.47 | 17.71 | 19.74 | 58.21 | 37.45 | 64.17 | 54.17 | -5.96 | -16.72 | Pass |
| 2 | 0.2523 | 28.84 | 10.60 | 19.75 | 48.59 | 30.35 | 61.68 | 51.68 | -13.09 | -21.33 | Pass |
| 3 | 0.3127 | 22.44 | 4.19 | 19.75 | 42.19 | 23.94 | 59.90 | 49.90 | -17.71 | -25.96 | Pass |
| 4 | 3.6612 | 19.03 | 9.37 | 19.80 | 38.83 | 29.17 | 56.00 | 46.00 | -17.17 | -16.83 | Pass |
| 5 | 5.6076 | 15.52 | 10.05 | 19.85 | 35.37 | 29.90 | 60.00 | 50.00 | -24.63 | -20.10 | Pass |
| 6 | 14.6748 | 8.35 | -0.87 | 20.31 | 28.66 | 19.44 | 60.00 | 50.00 | -31.34 | -30.56 | Pass |

Note: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line). *Remark*:

- 1. The measuring frequencies range between 0.15 MHz and 30 MHz.
- 2. The emissions measured in the frequency range between 0.15 MHz and 30MHz were made with an instrument using Quasi-peak detector and Average detector.
- 3. "---" denotes the emission level was or more than 2dB below the Average limit, and no re-check was made.
- 4.The IF bandwidth of SPA between 0.15MHz and 30MHz was 10KHz. The IF bandwidth of Test Receiver between 0.15MHz and 30MHz was 9kHz.

END OF REPORT