TEST REPORT

CT通测检测 TESTING CENTRE TECHNOLOGY

> FCC ID: 2AQ4G-SSB504R Product: Mobile phone Model No.: SSB504R Additional Model No.: N/A Trade Mark: Maze Speed Report No.: TCT180831E041 Issued Date: Sep. 25, 2018

> > Issued for:

Shenzhen Link Win Technology Co., Ltd 9F, Zhengqilong Industrial Building, 1st Rd Gushu, Xixiang, Bao'an, Shenzhen, China

Issued By:

Shenzhen Tongce Testing Lab. 1B/F., Building 1, Yibaolai Industrial Park, Qiaotou, Fuyong, Baoan District, Shenzhen, Guangdong, China TEL: +86-755-27673339

FAX: +86-755-27673332

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CT 通测检测 TESTING CENTRE TECHNOLOGY

| Product: | Mobile phone |
|--------------------------|---|
| Model No.: | SSB504R |
| Additional Model: | N/A |
| Trade Mark: | Maze Speed |
| Applicant: | Shenzhen Link Win Technology Co., Ltd |
| Address: | 9F, Zhengqilong Industrial Building, 1st Rd Gushu, Xixiang, Bao'an, Shenzhen, China |
| Manufacturer: | Shenzhen Link Win Technology Co., Ltd |
| Address: | 9F, Zhengqilong Industrial Building, 1st Rd Gushu, Xixiang, Bao'an, Shenzhen, China |
| Date of Test: | Sep. 03, 2018 - Sep. 21, 2018 |
| Applicable Standards: | FCC CFR Title 47 Part 15 Subpart C Section 15.247 KDB 558074 D01 DTS Meas Guidance v04 |

The above equipment has been tested by Shenzhen Tongce Testing Lab. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

and measurement uncertainties. Tested By: Sep. 21, 2018 Date: Brews Xu **Reviewed By:** Date: Sep. 25, 2018 Beryl Zhao msm Approved By: Date: Sep. 25, 2018 Tomsin Page 3 of 75 http://www.tct-lab.com Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332

CT通测检测 TESTING CENTRE TECHNOLOGY Report No.: TCT180831E041 **Test Result Summary** 2. Result Requirement **CFR 47 Section** PASS Antenna requirement §15.203/§15.247 (c) AC Power Line Conducted PASS §15.207 Emission §15.247 (b)(3) Conducted Peak Output PASS Power §2.1046 §15.247 (a)(2) 6dB Emission Bandwidth PASS §2.1049 PASS Power Spectral Density §15.247 (e) 1§5.247(d) Band Edge PASS §2.1051, §2.1057 §15.205/§15.209 PASS Spurious Emission §2.1053, §2.1057 Note: 1. PASS: Test item meets the requirement. 2. Fail: Test item does not meet the requirement. 3. N/A: Test case does not apply to the test object. 4. The test result judgment is decided by the limit of test standard. Page 4 of 75



3. EUT Description

| Product: | Mobile phone | |
|--|---|--|
| Model No.: | SSB504R | |
| Additional Model: | N/A | |
| Trade Mark: | Maze Speed | |
| Hardware Version: | Q9-V2.2 | |
| Software Version: | LY-SSB504R_V1.3_20180821 | |
| Operation Frequency: | 2412MHz~2462MHz (802.11b/802.11g/802.11n(HT20)) 2422MHz~2452MHz (802.11n(HT40)) | |
| Channel Separation: | 5MHz | |
| Number of Channel: | 11 for 802.11b/802.11g/802.11n(HT20) 7 for 802.11n(HT40) | |
| Modulation Technology: (IEEE 802.11b) | Direct Sequence Spread Spectrum (DSSS) | |
| Modulation Technology: (IEEE 802.11g/802.11n) | Orthogonal Frequency Division Multiplexing(OFDM) | |
| Data speed (IEEE 802.11b): | 1Mbps, 2Mbps, 5.5Mbps, 11Mbps | |
| Data speed (IEEE 802.11g): | 6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps | |
| Data speed (IEEE 802.11n): | Up to 150Mbps | |
| Antenna Type: | PIFA Antenna | |
| Antenna Gain: | 1.2dBi | |
| Power Supply: | Rechargeable Li-ion battery DC 3.8V | |
| AC adapter: | Adapter Information: MODEL: SSB-LW-001 INPUT: AC 100-240V, 50/60Hz Output: DC 5.0V, 1000mA | |

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Operation Frequency each of channel For 802.11b/g/n(HT20)

| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| 1 | 2412MHz | 4 | 2427MHz | 7 | 2442MHz | 10 | 2457MHz |
| 2 | 2417MHz | 5 | 2432MHz | 8 | 2447MHz | 11 | 2462MHz |
| 3 | 2422MHz | 6 | 2437MHz | 9 | 2452MHz | | |

Operation Frequency each of channel For 802.11n (HT40)

| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|------------------------------|-----------|
| | | 4 | 2427MHz | 5)7 | 2442MHz | $(\mathbf{A}\mathbf{G}^{2})$ | |
| |) | 5 | 2432MHz | 8 | 2447MHz | | |
| 3 | 2422MHz | 6 | 2437MHz | 9 | 2452MHz | | |

Note:

In section 15.31(*m*), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

802.11b/802.11g/802.11n (HT20)

| Channel | Frequency |
|---------------------|-----------|
| The lowest channel | 2412MHz |
| The middle channel | 2437MHz |
| The Highest channel | 2462MHz |

802.11n (HT40)

| Channel | Frequency |
|---------------------|-----------|
| The lowest channel | 2422MHz |
| The middle channel | 2437MHz |
| The Highest channel | 2452MHz |

Report No.: TCT180831E041

| Genera Informa I. Test environment | | | |
|---|--|---|--|
| Operating Environment | t: | | |
| Temperature: | 25 | 5.0 °C | |
| Humidity: | 56 | 6 % RH | (S) |
| Atmospheric Pressure | e: 10 |)10 mbar | |
| Test Mode: | | | |
| Engineering mode: | by | eep the EUT in cont select channel and lue of duty cycle is | |
| The sample was placed plane of 3m chamber. Me performed. During the te continuously working, inv Z) and considered typica | easurements in both st, each emission wa vestigated all operation al configuration to obtor otating the turntable, | horizontal and verti as maximized by: ha ng modes, rotated a ain worst position, i | ical polarities were aving the EUT about all 3 axis (X, Y a manipulating eight from 1m to 4m i |

| Mode | Data rate |
|--------------|-----------|
| 802.11b | 1Mbps |
| 802.11g | 6Mbps |
| 802.11n(H20) | 6.5Mbps |
| 802.11n(H40) | 13.5Mbps |

Final Test Mode:

Operation mode:

Keep the EUT in continuous transmitting with modulation

1. For WIFI function, the engineering test program was provided and enabled to make EUT continuous transmit/receive.

2.According to ANSI C63.10 standards, the test results are both the "worst case" and "worst setup" 1Mbps for 802.11b, 6Mbps for 802.11g, 6.5Mbps for 802.11n(H20),

13.5Mbps for 802.11(H40). Duty cycle setting during the transmission is 98.5% with maximum power setting for all modulations.

4.2. Description of Support Units

通测检测

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Equipment | Model No. | Serial No. | FCC ID | Trade Name | |
|-----------|-----------|------------|--------|------------|--|
| 1 | | | 1 (9) | / | |

Note:

- 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.
- 3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

5. Facilities and Accreditations

5.1. Facilities

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

FCC - Registration No.: 645098
 Shenzhen Tongce Testing Lab
 The 3m Semi-anechoic chamber has been register

The 3m Semi-anechoic chamber has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

 IC - Registration No.: 10668A-1 The 3m Semi-anechoic chamber of Shenzhen TCT Testing Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing

5.2. Location

Shenzhen Tongce Testing Lab

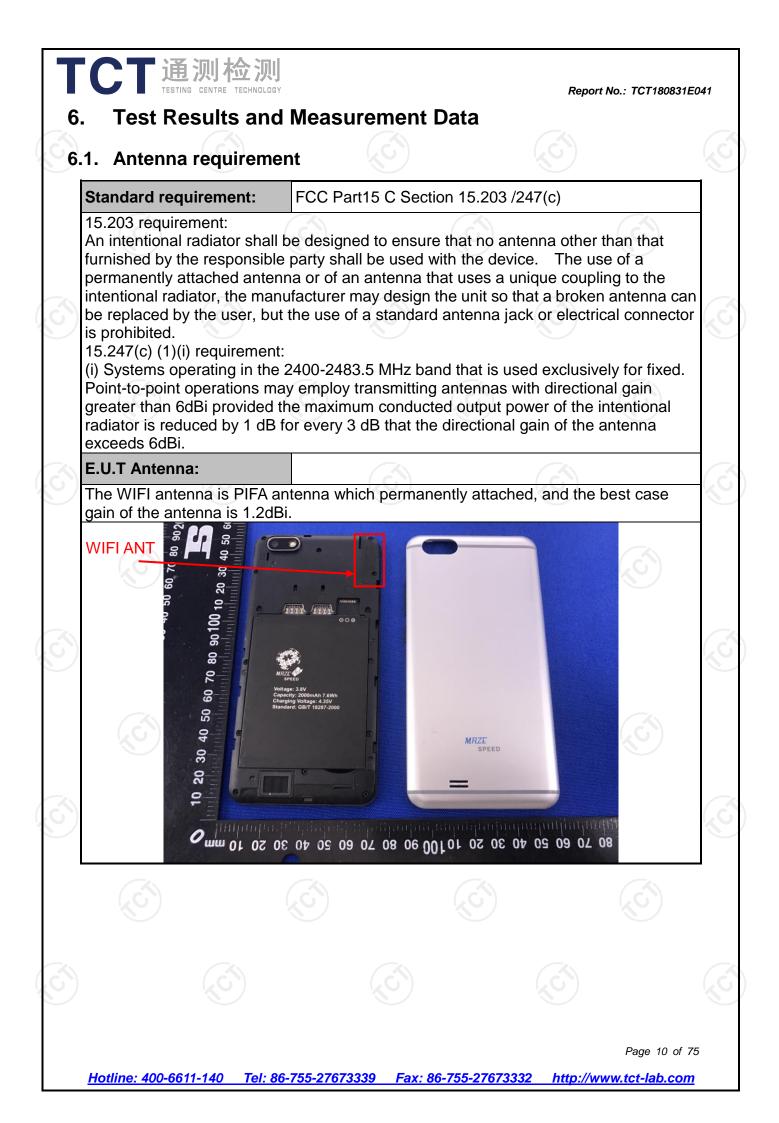
Address: 1B/F., Building 1, Yibaolai Industrial Park, Qiaotou, Fuyong, Baoan District, Shenzhen, Guangdong, China

TEL: +86-755-27673339

5.3. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

| No. | Item | MU | |
|-----|-------------------------------|---------|--|
| 1 | Conducted Emission | | |
| 2 | RF power, conducted | ±0.12dB | |
| 3 | Spurious emissions, conducted | ±0.11dB | |
| 4 | All emissions, radiated(<1G) | ±3.92dB | |
| 5 | All emissions, radiated(>1G) | ±4.28dB | |
| 6 | Temperature | ±0.1°C | |
| 7 | Humidity | ±1.0% | |



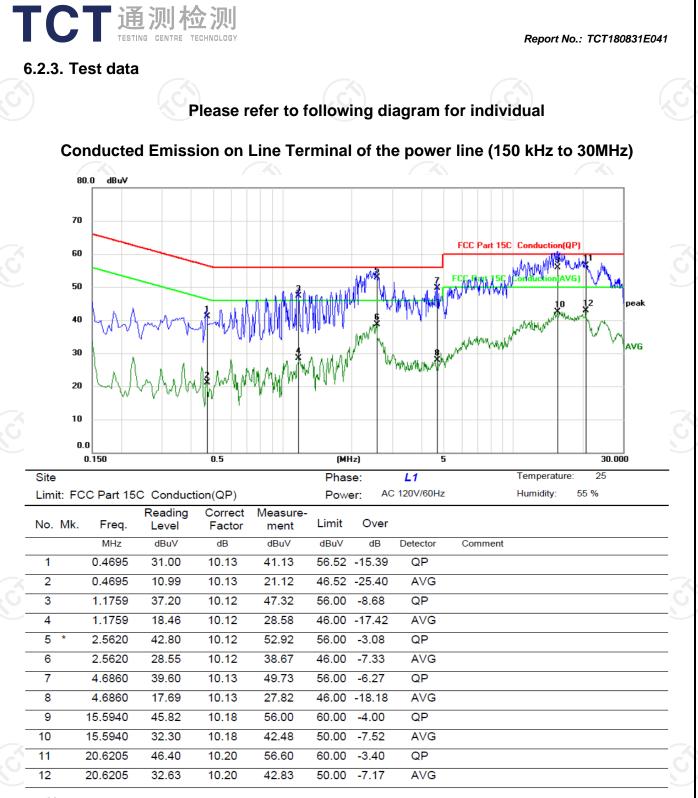
| 2. Conducted Emiss .1. Test Specification | sion | | |
|---|--|--|---|
| Test Requirement: | FCC Part15 C Section | 15.207 | |
| Fest Method: | ANSI C63.10:2013 | $\langle \mathcal{O} \rangle$ | |
| Frequency Range: | 150 kHz to 30 MHz | | |
| Receiver setup: | RBW=9 kHz, VBW=30 |) kHz, Sweep time | =auto |
| _imits: | Frequency range (MHz) 0.15-0.5 0.5-5 5-30 | Limit (c Quasi-peak 66 to 56* 56 60 | BuV) Average 56 to 46* 46 50 |
| Гest Setup: | 40cm E.U.T AC powe Test table/Insulation plane Remark: E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Na Test table height=0.8m | EMI Receiver | — AC power |
| Test Mode: | Charging + transmittin | g with modulation | |
| Гest Procedure: | The E.U.T is conneline impedance sta provides a 50ohm/s measuring equipme The peripheral device power through a Licoupling impedance refer to the block photographs). Both sides of A.C. conducted interferent emission, the relative the interface cables | bilization network 50uH coupling im- nt. ces are also conne ISN that provides with 50ohm term diagram of the line are checke nce. In order to fir e positions of equi | (L.I.S.N.). This pedance for the ected to the main a 500hm/50uH hination. (Please test setup and d for maximum d the maximum ipment and all of ed according to |
| | ANSI C63.10. 2013 | | |

6.2.2. Test Instruments

| Conducted Emission Shielding Room Test Site (843) | | | | | | | |
|---|-----------------------|-----------|---------------|-----------------|--|--|--|
| Equipment | Manufacturer | Model | Serial Number | Calibration Due | | | |
| Test Receiver | R&S | ESPI | 101401 | Aug. 27, 2019 | | | |
| LISN | Schwarzbeck | NSLK 8126 | 8126453 | Aug. 27, 2019 | | | |
| Coax cable (9KHz-30MHz) | тст | CE-05 | N/A | Aug. 27, 2019 | | | |
| EMI Test Software | Shurple Technology | EZ-EMC | N/A | N/A | | | |

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

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Note:

Freq. = Emission frequency in MHz

Reading level ($dB\mu V$) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss

Measurement ($dB\mu V$) = Reading level ($dB\mu V$) + Corr. Factor (dB)

Limit (dB μ V) = Limit stated in standard

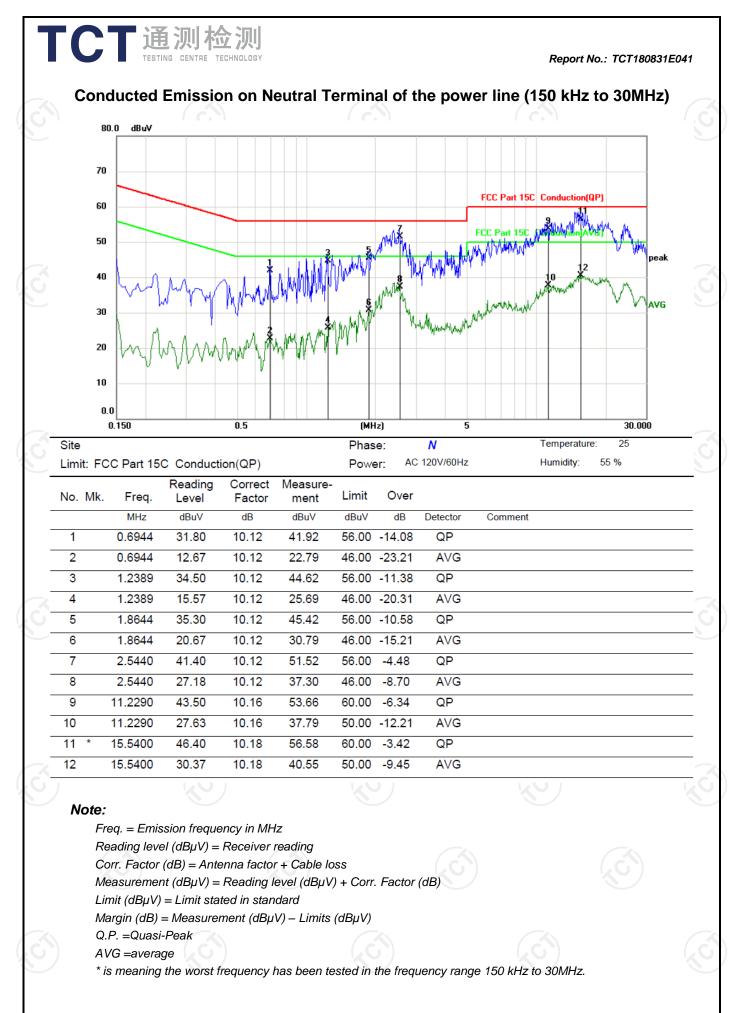
Margin (dB) = Measurement (dB μ V) – Limits (dB μ V)

Q.P. =Quasi-Peak

AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

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6.3. Maximum Conducted (Average) Output Power

6.3.1. Test Specification

| Test Requirement: | FCC Part15 C Section 15.247 (b)(3) |
|-------------------|--|
| Test Method: | KDB 558074 |
| Limit: | 30dBm |
| Test Setup: | Spectrum Analyzer EUT |
| Test Mode: | Transmitting mode with modulation |
| Test Procedure: | The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Measure the conducted output power and record the results in the test report. |
| Test Result: | PASS |

6.3.2. Test Instruments

| RF Test Room | | | | | | | |
|----------------------------|--------------|--------|---------------|-----------------|--|--|--|
| Equipment | Manufacturer | Model | Serial Number | Calibration Due | | | |
| Spectrum Analyzer | Agilent | N9020A | MY49100060 | Aug. 27, 2019 | | | |
| RF Cable (9KHz-26.5GHz) | тст | RE-06 | N/A | Aug. 27, 2019 | | | |
| Antenna Connector | тст | RFC-01 | N/A | Aug. 27, 2019 | | | |

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to

international system unit (SI).

| 4. Emission Bandwidtl 4.1. Test Specification | Report No.: TCT180831E0 |
|--|--|
| Test Requirement: | FCC Part15 C Section 15.247 (a)(2) |
| Test Method: | KDB 558074 |
| Limit: | >500kHz |
| Test Setup: | Spectrum Analyzer EUT |
| Test Mode: | Transmitting mode with modulation |
| Test Procedure: | The testing follows FCC KDB Publication No. 558074 DTS D01 Meas. Guidance v04. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz. Measure and record the results in the test report. |
| Test Result: | PASS |

6.4.2. Test Instruments

| | RF Test Room | | | | | | | |
|----------------------------|--------------|--------|---------------|-----------------|--|--|--|--|
| Equipment | Manufacturer | Model | Serial Number | Calibration Due | | | | |
| Spectrum Analyzer | Agilent | N9020A | MY49100060 | Aug. 27, 2019 | | | | |
| RF Cable (9KHz-26.5GHz) | тст | RE-06 | N/A | Aug. 27, 2019 | | | | |
| Antenna Connector | тст | RFC-01 | N/A | Aug. 27, 2019 | | | | |

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

| CT通测检测 5. Power Spectral De | Report No.: TCT180831E |
|--------------------------------|--|
| 5.1. Test Specification | |
| Test Requirement: | FCC Part15 C Section 15.247 (e) |
| Test Method: | KDB 558074 |
| Limit: | The average power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission. |
| Test Setup: | |
| | Spectrum Analyzer EUT |
| Test Mode: | Transmitting mode with modulation |
| Test Procedure: | The testing follows Measurement Procedure 10.3 Method AVGPSD of FCC KDB Publication No.558074 D01 DTS Meas. Guidance v04 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. Set the span to at least 1.5 times the OBW. Detector = RMS, Sweep time = auto couple. Employ trace averaging (RMS) mode over a minimum of 100 traces. Use the peak marker function to determine the maximum power level. Measure and record the results in the test report. |
| Test Result: | PASS |

6.5.2. Test Instruments

| RF Test Room | | | | | | | | |
|----------------------------|--------------|--------|---------------|-----------------|--|--|--|--|
| Equipment | Manufacturer | Model | Serial Number | Calibration Due | | | | |
| Spectrum Analyzer | Agilent | N9020A | MY49100060 | Aug. 27, 2019 | | | | |
| RF Cable (9KHz-26.5GHz) | тст | RE-06 | N/A | Aug. 27, 2019 | | | | |
| Antenna Connector | тст | RFC-01 | N/A | Aug. 27, 2019 | | | | |

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

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6.6. Conducted Band Edge and Spurious Emission Measurement

6.6.1. Test Specification

| Test Requirement: | FCC Part15 C Section 15.247 (d) |
|-------------------|--|
| Test Method: | KDB558074 |
| Limit: | In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB a 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and 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). |
| Test Setup: | |
| | Spectrum Analyzer EUT |
| Test Mode: | Transmitting mode with modulation |
| Test Procedure: | The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). Measure and record the results in the test report. The RF fundamental frequency should be excluded against the limit line in the operating frequency band. |
| | |

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6.6.2. Test Instruments

TCT 通测检测 TESTING CENTRE TECHNOLOGY

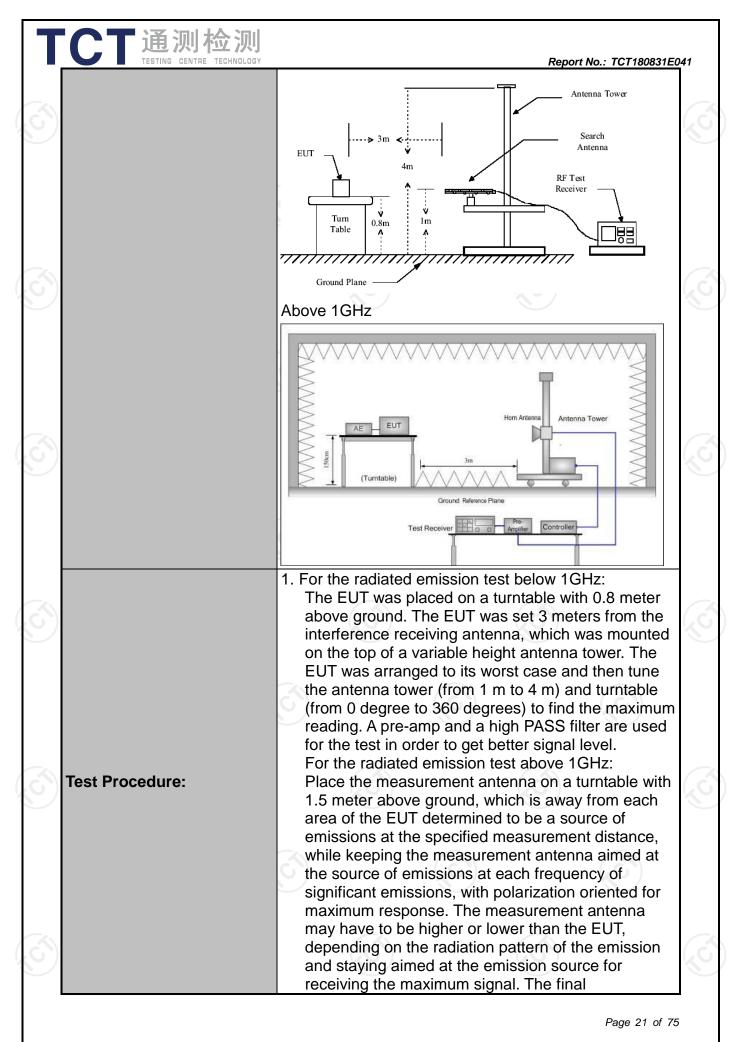
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|---|---------|-------------------|------------------|---------------------------|-----------------------|
| Equipme | | Manufacturer | Model | Serial Number | Calibration Due |
| Spectrum An | - | Agilent | N9020A | MY49100060 | Aug. 27, 2019 |
| RF Cab (9KHz-26.5 | | ТСТ | RE-06 | N/A | Aug. 27, 2019 |
| Antenna Con | nector | ТСТ | RFC-01 | N/A | Aug. 27, 2019 |
| lote: The calibra internation | | | truments is 12 n | nonths and the calibratic | ons are traceable to |
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| | | | | | Page 19 of 7 |
| | 611-140 | Tel: 86-755-27673 | 000 E - | 6-755-27673332 ht | ttp://www.tct-lab.con |

6.7. Radiated Spurious Emission Measurement

6.7.1. Test Specification

TCT通测检测 TESTING CENTRE TECHNOLOGY

| Test Requirement: | FCC Part15 | FCC Part15 C Section 15.209 | | | | | |
|-----------------------|--|--------------------------------------|---------------------------|-----------------------------|----------------------|--|--|
| Test Method: | ANSI C63.10 |): 2013 | 3 | | (| | |
| Frequency Range: | 9 kHz to 25 (| GHz | \mathcal{O} | | | | |
| Measurement Distance: | 3 m | | | | | | |
| Antenna Polarization: | Horizontal & | Vertical | | | | | |
| Operation mode: | Transmitting | mode with | modulat | ion | | | |
| | Frequency 9kHz- 150kHz 150kHz- | Detector Quasi-peak Quasi-peak | RBW 200Hz 9kHz | VBW 1kHz 30kHz | Quas | Remark i-peak Value i-peak Value | |
| Receiver Setup: | 30MHz 30MHz-1GHz | Quasi-peak | 100KHz | 300KHz | | i-peak Value | |
| | Above 1GHz | Peak Peak | 1MHz 1MHz | 300KHZ 3MHz 10Hz | Pe | rage Value | |
| | Frequen | псу | Field Stre (microvolts | | | asurement nce (meters) | |
| | 0.009-0.4 | | 2400/F(I | | | 300 | |
| | 0.490-1.7 | | 24000/F(| KHz) | 30 | | |
| | 1.705-3 | | 30 100 | | | <u>30</u> 3 | |
| | 88-216 | | 150 | | | 3 | |
| Limit: | 216-960 | | 200 | | | 3 | |
| | Above 9 | 60 | 500 | | | 3 | |
| | | | | | I | | |
| | Frequency | | Strength olts/meter) | Measure Distan (meter | се | Detector | |
| | Above 1GHz | 7 | 500 5000 | 3 | | Average Peak | |
| | For radiated | emissions stance = 3m | below 30 |)MHz | | | |
| Test setup: | 0.8m ↓ EUT 0.8m ↓ ← 10 30MHz to 10 | Turn table | lane | | Computer mplifier | | |
| Test setup: | 0.8m | Ground P | lane | | mplifier | | |
| Test setup: | 0.8m | Ground P | lane | | mplifier | | |
| Test setup: | 0.8m | Ground P | lane | | mplifier | Page 20 of 7 | |



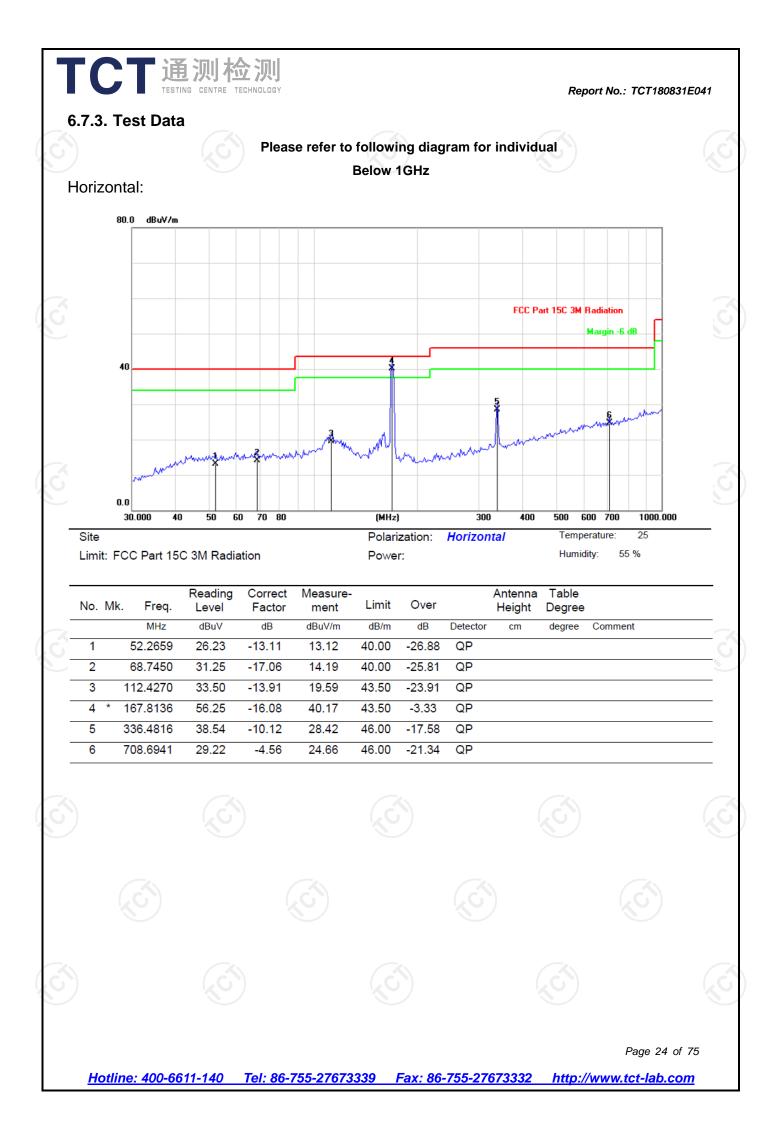
| | | ma ant res abc 3. Corr Rea 4. For of t low leve me det 5. Use (1) | ximizes the enna elevati tricted to a r ove the grou rected Read ad Level - P measureme he EUT mea er than the er than the set will be rep asurement v ector and re the followin Span shall v emission be Set RBW=1 Sweep = au max hold; | emissions on for maxin ange of heig nd or refere ing: Antenna reamp Facto asured by th applicable lin orted. Othe vill be repea ported. g spectrum vide enough ing measure 00 kHz for f to; Detector | vation shall The measur mum emissing phts of from nce ground a Factor + C or = Level Hz, If the end e peak deter mit, the pean to fully cap ed; < 1 GHz; V function = p | ions shall be 1 m to 4 m plane. Cable Loss + mission level ector is 3 dB k emission mission ne quasi-peal ttings: | k |
|------|------------|--|--|---|--|--|---|
| Test | t results: | For dut whe the trar | for peak me average me y cycle is no en duty cycle minimum tr nsmitter is o | asurement. easurement less than 9 e is less tha ansmission n and is trar | : VBW = 10 8 percent. N n 98 percer duration over smitting at | Hz, when | |
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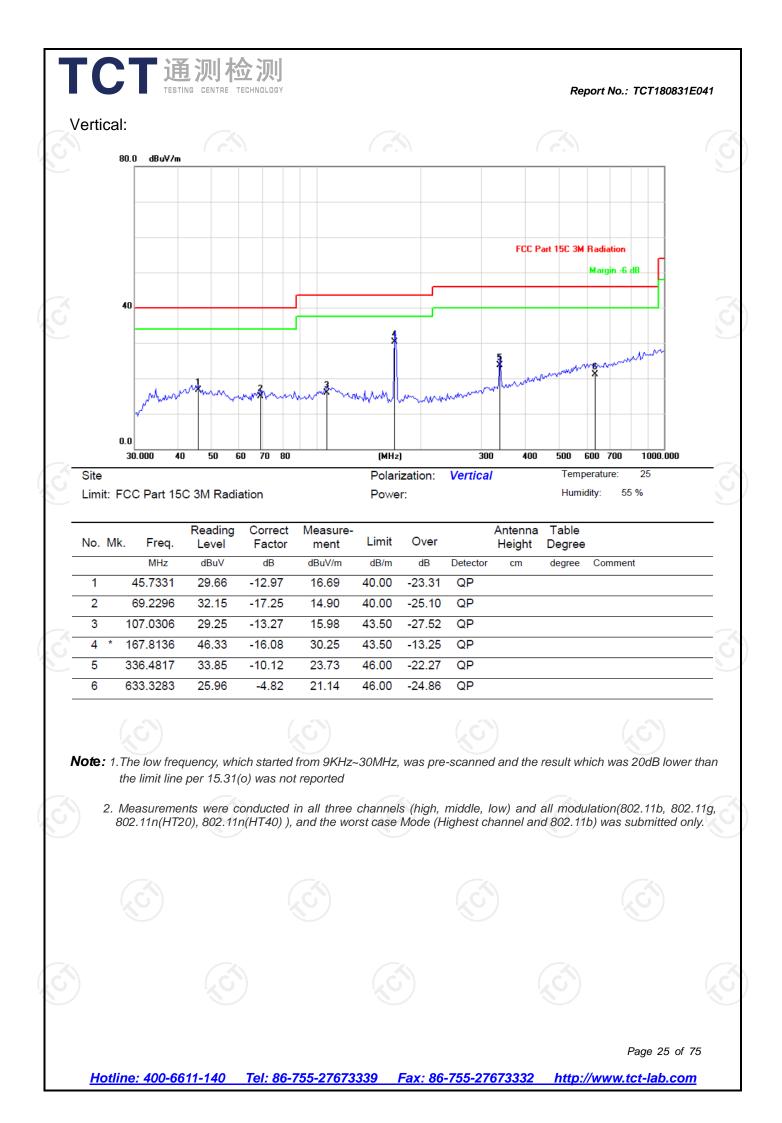


6.7.2. Test Instruments

| | Radiated Em | ission Test Si | te (966) | |
|----------------------------|--|----------------|------------------|-----------------|
| Name of Equipment | Manufacturer | Model | Serial Number | Calibration Due |
| Test Receiver | ROHDE&SCHW ARZ | ESVD | 100008 | Aug. 27, 2019 |
| Spectrum Analyzer | ROHDE&SCHW ARZ | FSQ | 200061 | Aug. 27, 2019 |
| Pre-amplifier | EM Electronics Corporation CO.,LTD | EM30265 | 07032613 | Aug. 27, 2019 |
| Pre-amplifier | HP | 8447D | 2727A05017 | Aug. 27, 2019 |
| Loop antenna | ZHINAN | ZN30900A | 12024 | Aug. 27, 2019 |
| Broadband Antenna | Schwarzbeck | VULB9163 | 340 | Aug. 27, 2019 |
| Horn Antenna | Schwarzbeck | BBHA 9120D | 631 | Aug. 27, 2019 |
| Horn Antenna | Schwarzbeck | BBH 9170 | 582 | Aug. 27, 2019 |
| Antenna Mast | Keleto | CC-A-4M | N/A | N/A |
| Coax cable (9KHz-1GHz) | тст | RE-low-01 | 9 N/A | Aug. 27, 2019 |
| Coax cable (9KHz-40GHz) | тст | RE-high-02 | N/A | Aug. 27, 2019 |
| Coax cable (9KHz-1GHz) | тст | RE-low-03 | N/A | Aug. 27, 2019 |
| Coax cable (9KHz-40GHz) | тст | RE-high-04 | N/A | Aug. 27, 2019 |
| EMI Test Software | Shurple Technology | EZ-EMC | N/A | N/A |

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).





| TECHNOLOGY | Report No.: TCT180831E041 |
|--|---------------------------|
| Test Result of Radiated Spurious at Band edges | |

| | | Low | channel: 2412 | | | |
|---|---------------------------------|--|--|--|---|-------------------------------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | Correction Factor (dB/m) | Peak Final Emission Level | Peak limit (dBµV/m) | AV limit (dBµV/m) |
| 2310 | Н | 45.15 | -4.20 | 40.95 | 74.00 | 54.00 |
| 2377.38 | Н | 48.21 | -4.10 | 44.11 | 74.00 | 54.00 |
| 2390 | Н | 53.87 | -3.94 | 49.93 | 74.00 | 54.00 |
| 2310 | V | 44.39 | -4.20 | 40.19 | 74.00 | 54.00 |
| 2377.38 | V | 54.02 | -4.10 | 49.92 | 74.00 | 54.00 |
| 2390 | V | 55.65 | -3.94 | 51.71 | 74.00 | 54.00 |
| | | | lation Type: 80 | | | |
| | | High | channel: 2462 | MHz | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | Correction Factor (dB/m) | Peak Final Emission Level | Peak limit (dBµV/m) | AV limit (dBµV/m) |
| 2483.5 | Н | 51.71 | -3.60 | 48.11 | 74.00 | 54.00 |
| 2487.09 | Н | 47.32 | -3.50 | 43.82 | 74.00 | 54.00 |
| 2500 | Н | 45.56 | -3.34 | 42.22 | 74.00 | 54.00 |
| 2483.5 | V | 54.63 | -3.60 | 51.03 | 74.00 | 54.00 |
| 2487.09 | V | 47.09 | -3.50 | 43.59 | 74.00 | 54.00 |
| 2500 | V | 42.17 | -3.34 | 38.83 | 74.00 | 54.00 |
| | | | lation Type: 80 channel: 2412 | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | Correction Factor (dB/m) | Peak Final Emission Level | Peak limit (dBµV/m) | AV limit (dBµV/m) |
| 2310 | Н | 43.45 | -4.20 | 39.25 | 74.00 | 54.00 |
| 2388.96 | Н | 50.24 | -4.12 | 46.12 | 74.00 | 54.00 |
| 2390 | Н | 53.68 | -3.94 | 49.74 | 74.00 | 54.00 |
| 2310 | V | 45.31 | -4.20 | 41.11 | 74.00 | 54.00 |
| | V – | 49.89 | -4.12 | 45.77 | 74.00 | 54.00 |
| 2388.96 | | 54.53 | -3.94 | 50.59 | 74.00 | 54.00 |
| 2388.96 2390 | V | 54.55 | 0.04 | | | |
| | V | | lation Type: 80 | | | |
| | | Modu | | 2.11g | | |
| | Ant. Pol. H/V | Modu | lation Type: 80 channel: 2462 Correction Factor | 2.11g MHz Peak Final Emission | Peak limit (dBµV/m) | AV limit (dBµV/m) |
| 2390 Frequency | Ant. Pol. | Modu High Peak reading | lation Type: 80 channel: 2462 Correction | 2.11g MHz Peak Final | Peak limit | |
| 2390 Frequency (MHz) | Ant. Pol. H/V | Modul High Peak reading (dBµV) | lation Type: 80 channel: 2462 Correction Factor (dB/m) | 2.11g MHz Peak Final Emission Level | Peak limit (dBµV/m) | (dBµV/m) |
| 2390 Frequency (MHz) 2483.5 | Ant. Pol. H/V H | Modul High Peak reading (dBµV) 52.74 | lation Type: 80 channel: 2462 Correction Factor (dB/m) -3.60 | 2.11g MHz Peak Final Emission Level 49.14 | Peak limit (dBµV/m) 74.00 | (dBµV/m) 54.00 |
| 2390 Frequency (MHz) 2483.5 2487.59 | Ant. Pol. H/V H H | Modul High Peak reading (dBµV) 52.74 50.12 | lation Type: 80 channel: 2462 Correction Factor (dB/m) -3.60 -3.52 | 2.11g MHz Peak Final Emission Level 49.14 46.60 | Peak limit (dBµV/m) 74.00 74.00 | (dBµV/m) 54.00 54.00 |
| 2390 Frequency (MHz) 2483.5 2487.59 2500 | Ant. Pol. H/V H H H | Мodul High Реак reading (dBµV) 52.74 50.12 46.98 | ation Type: 80 channel: 2462 Correction Factor (dB/m) -3.60 -3.52 -3.34 | 2.11g MHz Peak Final Emission Level 49.14 46.60 43.64 | Peak limit (dBµV/m) 74.00 74.00 74.00 | (dBµV/m) 54.00 54.00 54.00 |

TCT 通测检测 TESTING CENTRE TECHNOLOGY

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| | STING CENTRE TECH | INOLOGY | | | Report N | lo.: TCT18083 |
|--------------------|-------------------|------------------------|--------------------------------|---------------------------------|------------------------|---------------------|
| | | Modulation | n Type: 802.11 | n(20MHz) | | |
| | | | channel: 2412 | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | Correction Factor (dB/m) | Peak Final Emission Level | Peak limit (dBµV/m) | AV limit (dBµV/m |
| 2310 | Н | 46.24 | -4.20 | 42.04 | 74.00 | 54.00 |
| 2388.01 | Н | 53.61 | -4.10 | 49.51 | 74.00 | 54.00 |
| 2390 | Н | 54.36 | -3.94 | 50.42 | 74.00 | 54.00 |
| 2310 | V | 48.95 | -4.20 | 44.75 | 74.00 | 54.00 |
| 2388.01 | V | 54.03 | -4.10 | 49.93 | 74.00 | 54.00 |
| 2390 | V | 55.54 | -3.94 | 51.60 | 74.00 | 54.00 |
| | | Modulation | n Type: 802.11 | n(20MHz) | | • |
| | | High | channel: 2462 | MHz | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | Correction Factor (dB/m) | Peak Final Emission Level | Peak limit (dBµV/m) | AV limit (dBµV/m |
| 2483.5 | Н | 52.69 | -3.60 | 49.09 | 74.00 | 54.00 |
| 2392.55 | Н | 51.48 | -3.50 | 47.98 | 74.00 | 54.00 |
| 2500 | Н | 47.71 | -3.34 | 44.37 | 74.00 | 54.00 |
| 2483. 5 | V | 53.25 | -3.60 | 49.65 | 74.00 | 54.00 |
| 2392.55 | V | 50.84 | -3.50 | 47.34 | 74.00 | 54.00 |
| 2500 | V | 48.98 | -3.34 | 45.64 | 74.00 | 54.00 |
| | | | | | | |
| | | | n Type: 802.11 | | | |
| | | Low | channel: 2422 | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | Correction Factor (dB/m) | Peak Final Emission Level | Peak limit (dBµV/m) | AV limit (dBµV/m |
| 2310 | H | 50.36 | -4.20 | 46.16 | 74.00 | 54.00 |
| 2387.85 | Н | 55.42 | -4.10 | 51.32 | 74.00 | 54.00 |
| 2390 | Н | 52.71 | -3.94 | 48.77 | 74.00 | 54.00 |
| 2310 | V | 51.09 | -4.20 | 46.89 | 74.00 | 54.00 |
| 2389.98 | V | 50.14 | -4.10 | 46.04 | 74.00 | 54.00 |
| 2390 | V | 49.42 | -3.94 | 45.48 | 74.00 | 54.00 |
| | | Modulatior | n Type: 802.11 | n(40MHz) | | |
| | | High | channel: 2452 | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | Correction Factor (dB/m) | Peak Final Emission Level | Peak limit (dBµV/m) | AV limit (dBµV/m |
| 2483.5 | Н | 52.83 | -3.60 | 49.23 | 74.00 | 54.00 |
| 2493.51 | Н | 54.69 | -3.50 | 51.19 | 74.00 | 54.00 |
| 2500 | Н | 49.14 | -3.34 | 45.80 | 74.00 | 54.00 |
| 2493.51 | V | 54.57 | -3.60 | 50.97 | 74.00 | 54.00 |
| | V | 52.31 | -3.46 | 48.85 | 74.00 | 54.00 |
| 2489.36 | v | | | | | |

2. Correction Factor= Antenna Factor + Cable loss – Pre-amplifier

| Report No.: | TCT180831E041 |
|-------------|---------------|
| | |

| | | | Μ | Above Iodulation T | | lb | | | |
|--------------------|------------------|---------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|------------------------|----------------------|---------------------------------------|
| | | | | _ow channe | | | | | · · · · · · · · · · · · · · · · · · · |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | AV reading (dBuV) | Correction Factor (dB/m) | Emissic Peak (dBµV/m) | n Level AV (dBµV/m) | Peak limit (dBµV/m) | AV limit (dBµV/m) | Margin (dB) |
| 4824 | Н | 49.12 | | 0.75 | 49.87 | | 74 | 54 | -4.13 |
| 7236 | Н | 40.24 | | 9.87 | 50.11 | | 74 | 54 | -3.89 |
| | Н | | | | | - | | | |
| 4824 | V | 48.75 | | 0.75 | 49.50 | | 74 | 54 | -4.50 |
| 7236 | V | 41.08 | | 9.87 | 50.95 | | 74 | 54 | -3.05 |
| | V | | | | | | | | (|
| | | | | X | | | | | X |
| | | | Μ | liddle chanr | el: 2437MH | Ηz | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | AV reading (dBµV) | Correction Factor (dB/m) | Emissic Peak (dBµV/m) | n Level AV (dBµV/m) | Peak limit (dBµV/m) | AV limit (dBµV/m) | Margin (dB) |
| 4874 | СH H | 48.14 | + <u>-</u> C | 0.97 | 49.11 | S T | 74 | 54 | -4.89 |
| 7311 | H | 39.85 | | 9.83 | 49.68 | | 74 | 54 | -4.32 |
| | Н | | | | | | | | |
| 4874 | V | 49.23 | | 0.97 | 50.20 | | 74 | 54 | -3.80 |
| 7311 | V | 38.96 | | 9.83 | 48.79 | | 74 | 54 | -5.21 |
| J | V | | | ° | / | | | | (|

| High channel: 2462 MHz | | | | | | | | | | | | |
|------------------------|------------------|---------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|------------------------|----------------------|----------------|--|--|--|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | AV reading (dBµV) | Correction Factor (dB/m) | Emissic Peak (dBµV/m) | n Level AV (dBµV/m) | Peak limit (dBµV/m) | AV limit (dBµV/m) | Margin (dB) | | | |
| 4924 | Ŧ | 49.04 | | 1.18 | 50.22 | | 74 | 54 | -3.78 | | | |
| 7386 | Н | 39.86 | | 10.07 | 49.93 | | 74 | 54 | -4.07 | | | |
| | Н | | | | | | | | | | | |
| X | | | | | X | | | | | | | |
| 4924 | V | 47.53 | | 1.18 | 48.71 | | 74 | 54 | -5.29 | | | |
| 7386 | V | 38.79 | | 10.07 | 48.86 | | 74 | 54 | -5.14 | | | |
| | V | | | | | | | | | | | |

Note:

TCT通测检测 TESTING CENTRE TECHNOLOGY

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dBµV/m)-Average limit (dBµV/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

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| | | | М | odulation T | ype: 802.1 | lg | | | |
|--------------------|------------------|---------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|------------------------|----------------------|----------------|
| | | | L | ow channe | I: 2412 MH | Z | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | AV reading (dBuV) | Correction Factor (dB/m) | Emissic Peak (dBµV/m) | n Level AV (dBµV/m) | Peak limit (dBµV/m) | AV limit (dBµV/m) | Margin (dB) |
| 4824 | Н | 49.16 | | 0.75 | 49.91 | | 74 | 54 | -4.09 |
| 7236 | Н | 40.07 | | 9.87 | 49.94 | | 74 | 54 | -4.06 |
| | н | | | | | | | | |
| | | • | | / | | | | | |
| 4824 | V | 47.53 | | 0.75 | 48.28 | | 74 | 54 | -5.72 |
| 7236 | V | 40.28 | | 9.87 | 50.15 | | 74 | 54 | -3.85 |
| | V | | | | | | | | |
| | | | | | | • | | | |
| 2) | | KO) | | | nel: 2437MH | Ηz | | | X |
| Frequency | Ant Pol | Peak | AV reading | Correction | Emissio | on Level | Peak limit | AV/ limit | Margin |

| | | | 11 | ladio onam | - / | | | | |
|-----------|-----------|-------------------|-----------------|------------------|------------------|----------------|----------------|----------|--------|
| Frequency | Ant. Pol. | Peak | AV reading | Correction | Emissio | on Level | Peak limit | AV limit | Margin |
| (MHz) | H/V | reading (dBµV) | (dBµV) | Factor (dB/m) | Peak (dBµV/m) | AV (dBµV/m) | (dBµV/m) | | (dB) |
| 4874 | н | 48.36 | | 0.97 | 49.33 | | 74 | 54 | -4.67 |
| 7311 | .с.н | 40.42 | [C] | 9.83 | 50.25 | <u>, C)</u> | 74 | 54 | -3.75 |
| 1 | Ŧ | | | | - | <u> </u> | | | |
| | | | | | | | | | |
| 4874 | V | 47.98 | | 0.97 | 48.95 | | 74 | 54 | -5.05 |
| 7311 | V | 40.13 | | 9.83 | 49.96 | | 74 | 54 | -4.04 |
| | V | | | (. C | | | (. | | (. |
| | - | | • | | | • | | | X |

| | | | H | ligh channe | el: 2462 MH | z | | | |
|--------------------|------------------|---------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|------------------------|----------------------|----------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | AV reading (dBµV) | Correction Factor (dB/m) | Emissic Peak (dBµV/m) | n Level AV (dBµV/m) | Peak limit (dBµV/m) | AV limit (dBµV/m) | Margin (dB) |
| 4924 | C H | 47.76 | <u></u> | 1.18 | 48.94 | | 74 | 54 | -5.06 |
| 7386 | Ŧ | 39.09 | | 10.07 | 49.16 | | 74 | 54 | -4.84 |
| | Н | | | | | | | | |
| | | | | | | | | | |
| 4924 | V | 46.58 | | 1.18 | 47.76 | | 74 | 54 | -6.24 |
| 7386 | V | 40.32 | | 10.07 | 50.39 | | 74 | 54 | -3.61 |
| | V | | | | | | | | V |

Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dB μ V/m)-Average limit (dB μ V/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

Report No.: TCT180831E041

| | TESTING | CENTRE TECH | NOLOGY | | | | Repo | ort No.: TCT18 | 80831E041 |
|---------------|-----------|-------------------|-----------------|------------------|------------------|----------------|------------|----------------|-----------|
| | | | Modu | | : 802.11n (l | | - | | |
| | | | L | ow channe. | I: 2412 MH | Z | | | |
| Frequency | Ant. Pol. | Peak | AV reading | Correction | Emissio | on Level | Peak limit | AV limit | Margin |
| (MHz) | H/V | reading (dBµV) | (dBuV) | Factor (dB/m) | Peak (dBµV/m) | AV (dBµV/m) | (dBµV/m) | | (dB) |
| 4824 | Н | 49.34 | | 0.75 | 50.09 | | 74 | 54 | -3.91 |
| 7236 | Н | 40.12 | | 9.87 | 49.99 | | 74 | 54 | -4.01 |
| | Н | | | | | | | | |
| | | | | | | C. | | | |
| 4824 | V | 47.57 | × | 0.75 | 48.32 | <u> </u> | 74 | 54 | -5.68 |
| 7236 | V | 40.22 | | 9.87 | 50.09 | | 74 | 54 | -3.91 |
| | V | | | | | | | | |
| | | | | | | | | | |
| | | | Μ | iddle chanr | nel: 2437MF | Ηz | | | (|
| requency | Ant. Pol. | Peak | AV reading | Correction | | on Level | Peak limit | AV limit | Margin |
| (MHz) | H/V | reading (dBµV) | (dBµV) | Factor (dB/m) | Peak (dBµV/m) | AV (dBµV/m) | (dBµV/m) | (dBµV/m) | (dB) |
| 4874 | Н | 46.96 | | 0.97 | 47.93 | | 74 | 54 | -6.07 |
| 7311 | H | 39.74 | | 9.83 | 49.57 | | 74 | 54 | -4.43 |
| (| С Н | | [6] | | (| G^{+} | | ÷. | |
| Sec. 1 | | | | | | | | | |
| 4874 | V | 47.89 | | 0.97 | 48.86 | | 74 | 54 | -5.14 |
| 7311 | V | 38.75 | | 9.83 | 48.58 | | 74 | 54 | -5.42 |
| | V | | | / | | | | | |
| | | (\dot{c}) | | (| | | | | |
| | | | | | el: 2462 MH | Z | | | <u> </u> |
| - requency | Ant. Pol. | Peak | AV reading | Correction | | on Level | Peak limit | AV limit | Margin |
| (MHz) | H/V | reading (dBµV) | (dBµV) | Factor (dB/m) | Peak (dBµV/m) | AV (dBµV/m) | (dBµV/m) | (dBµV/m) | (dB) |
| 4924 | H | 48.38 | | 1.18 | 49.56 | | 74 | 54 | -4.44 |
| 7386 | C H | 40.52 | L.C. | 10.07 | 50.59 | | 74 | 54 | -3.41 |
| | H | | | | | | | | |
| 4924 | V | 47.37 | | 1.18 | 48.55 | | 74 | 54 | -5.45 |
| 7386 | V | 40.59 | | 10.07 | 50.66 | | 74 | 54 | -3.34 |
| | V | | | | | | | | |

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dB μ V/m)-Average limit (dB μ V/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

| | | | Modu | lation Type | : 802.11n (I | HT40) | | | |
|--------------------|------------------|---------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|------------------------|----------------------|----------------|
| | | | L | ow channe | I: 2422 MH | Z | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | AV reading (dBuV) | Correction Factor (dB/m) | Emissic Peak (dBµV/m) | n Level AV (dBµV/m) | Peak limit (dBµV/m) | AV limit (dBµV/m) | Margin (dB) |
| 4844 | Н | 45.97 | | 0.66 | 46.63 | | 74 | 54 | -7.37 |
| 7266 | Н | 38.12 | | 9.50 | 47.62 | | 74 | 54 | -6.38 |
| (| Н | | | | | | | | |
| | | | |) | | | | | |
| 4824 | V | 44.75 | | 0.66 | 45.41 | | 74 | 54 | -8.59 |
| 7236 | V | 35.32 | | 9.50 | 44.82 | | 74 | 54 | -9.18 |
| | V | | | | | | | | |
| | | | | | | | | | |
| | | KO) | Μ | iddle chanr | nel: 2437MF | Ηz | KO) | | X |
| Frequency | Ant. Pol. | Peak | AV reading | Correction | Emissio | on Level | Peak limit | AV limit | Margin |
| Frequency (MHz) | H/V | reading (dBµV) | (dBµV) | Factor (dB/m) | Peak (dBµV/m) | AV (dBµV/m) | (dBµV/m) | (dBµV/m) | (dB) |
| 4874 | Н | 42.54 | -7 | 0.99 | 43.53 | | 74 | 54 | -10.47 |
| 7311 | Н | 3/1 80 | | 0.85 | 11 71 | | 7/ | 54 | -9.26 |

| 7311 | LC H | 34.89 | [] [] | 9.85 | 44.74 | . C, 1 | 74 | 54 | -9.26 |
|---------|------|-------|--------------------|------|-------|-------------------|----|----|-------|
| | Н | | | | | -4- | | | |
| | | | | | | | | | |
| 4874 | V | 43.61 | | 0.99 | 44.60 | | 74 | 54 | -9.40 |
| 7311 | V | 37.23 | | 9.85 | 47.08 | | 74 | 54 | -6.92 |
| · · · · | V | | | (| | | | | () |
| | • | | | | | • | | | |

| | | | F | ligh channe | I: 2452 MH | Z | | | |
|--------------------|------------------|---------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|------------------------|----|----------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBµV) | AV reading (dBµV) | Correction Factor (dB/m) | Emissic Peak (dBµV/m) | n Level AV (dBµV/m) | Peak limit (dBµV/m) | | Margin (dB) |
| 4904 | C H | 45.47 | L-C | 1.33 | 46.80 | | 74 | 54 | -7.20 |
| 7356 | H | 36.05 | | 10.22 | 46.27 | | 74 | 54 | -7.73 |
| | Н | | | | | | | | |
| 4904 | V | 43.86 | | 1.33 | 45.19 | | 74 | 54 | -8.81 |
| 7356 | V | 36.13 | | 10.22 | 46.35 | | 74 | 54 | -7.65 |
| / | V | | | 🤍 | / | | | | |

Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dBµV/m)-Average limit (dBµV/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

Report No.: TCT180831E041

Appendix A: Test Result of Conducted Test Conducted Average Output Power

Result Table

TCT通测检测 TCT通测检测

| Mode | Channel | Meas.Level [dBm] | Verdict |
|-----------|---------|------------------|---------|
| 11B | LCH | 10.84 | PASS |
| 11B | МСН | 12.42 | PASS |
| 11B | НСН | 12.83 | PASS |
| 11G | LCH | 9.94 | PASS |
| 11G | MCH | 10.10 | PASS |
| 11G | нсн | 10.29 | PASS |
| 11N20SISO | LCH | 9.29 | PASS |
| 11N20SISO | МСН | 9.92 | PASS |
| 11N20SISO | НСН | 10.55 | PASS |
| 11N40SISO | LCH | 9.21 | PASS |
| 11N40SISO | MCH | 9.40 | PASS |
| 11N40SISO | нсн | 9.80 | PASS |

Test Graph

Graphs 09:16:59 AM Sep 06, 20 Radio Std: None Frequency Center Freq: 2.412000000 GHz Trig: Free Run Avg|Hold: 10/10 er Freq 2.41200 0 GH Radio Device: BTS Ref Offset 0.5 dB Ref 23.50 dBn Center Free 2.412000000 GH 11B/LCH CF St. 2.537000 Span 25.37 MH #Sweep 100 m nter 2.412 GHz #VBW 3 MHz Channel Power Power Spectral Density 10.84 dBm / 12.69 MHz -60.19 dBm /Hz

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