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TEST REPORT

| Report No | CHTEW21010061 | Report Verification: | |
|---|--|---|---|
| Project No | SHT2012124103EW | | |
| FCC ID: | 2AYEZ-M6 | | |
| Applicant's name: | Telo Communication (Shen | zhen) Co., Ltd | |
| Address | 6/F, No.42 Liuxian 1st Road, | Bao'an District, She | enzhen, China |
| Test item description: | Smart Communicator | | |
| Trade Mark | Telo Systems, TELOX | | |
| Model/Type reference | M6 | | |
| Listed Model(s) | TELOX-M6, Telo-M6, M6C, M M6L, M6N, M6P, M6Q, M6R, | | |
| Standard: | FCC CFR Title 47 Part 15 St | ubpart C Section 1 | 5.247 |
| Date of receipt of test sample | Dec. 30, 2020 | | |
| Date of testing | Dec. 31, 2020- Jan. 13, 2021 | | |
| Date of issue | Jan. 14, 2021 | | |
| | | | |
| Result | PASS | | |
| Result Compiled by (Position+Printed name+Signature): | | 5 | ilvia Li |
| Compiled by | PASS | S Aa | ilvia Li Iron.Fang |
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| Compiled by (Position+Printed name+Signature): Supervised by (Position+Printed name+Signature): Approved by | PASS File administrator Silvia Li Project Engineer Aaron Fang | S Aa F | ilvia Li ron.Fang tomsH4 |
| Compiled by (Position+Printed name+Signature): Supervised by (Position+Printed name+Signature): Approved by | PASS File administrator Silvia Li Project Engineer Aaron Fang | · · · · · | |
| Compiled by (Position+Printed name+Signature): Supervised by (Position+Printed name+Signature): Approved by (Position+Printed name+Signature): | PASS File administrator Silvia Li Project Engineer Aaron Fang RF Manager Hans Hu | mational Inspection | n Co., Ltd. |
| Compiled by (Position+Printed name+Signature): Supervised by (Position+Printed name+Signature): Approved by (Position+Printed name+Signature): Testing Laboratory Name : | PASS File administrator Silvia Li Project Engineer Aaron Fang RF Manager Hans Hu Shenzhen Huatongwei Inter 1/F, Bldg 3, Hongfa Hi-tech Ir Gongming, Shenzhen, China | mational Inspection | n Co., Ltd. |
| Compiled by (Position+Printed name+Signature): Supervised by (Position+Printed name+Signature): Approved by (Position+Printed name+Signature): Testing Laboratory Name : Address | PASS File administrator Silvia Li Project Engineer Aaron Fang RF Manager Hans Hu Shenzhen Huatongwei Inter 1/F, Bldg 3, Hongfa Hi-tech Ir Gongming, Shenzhen, China ction Co., Ltd. All rights reserve or in part for non-commercial pur edged as copyright owner and sou sponsibility for and will not assume terial due to its placement and com | rnational Inspection Industrial Park, Geny ed. poses as long as the rce of the material. She e liability for damages | n Co., Ltd. ru Road, Tianliao, Shenzhen Huatongwei henzhen Huatongwei |

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1. TEST STANDARDS AND REPORT VERSION

1.1. Test Standards

The tests were performed according to following standards:

- <u>FCC Rules Part 15.247</u>: Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz
- <u>ANSI C63.10:2013</u>: American National Standard for Testing Unlicensed Wireless Devices
- KDB 558074 D01 15.247 Meas Guidance v05r02: Guidance for Compliance Measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices Operating under Section 15.247 of The FCC Rules

1.2. Report version

| Revision No. | Date of issue | Description |
|--------------|---------------|-------------|
| N/A | 2021-01-14 | Original |
| | | |
| | | |
| | | |
| | | |

2. TEST DESCRIPTION

| Report clause | Test Items | Standard Requirement | Result |
|------------------|---|-------------------------|--------------------|
| 5.1 | Antenna Requirement | 15.203/15.247(c) | PASS |
| 5.2 | AC Conducted Emission | 15.207 | N/A |
| 5.3 | Peak Output Power | 15.247(b)(3) | PASS |
| 5.4 | Power Spectral Density | 15.247(e) | PASS |
| 5.5 | 6dB Bandwidth | 15.247(a)(2) | PASS |
| 5.6 | 99% Occupied Bandwidth | - | PASS ^{*1} |
| 5.7 | Duty cycle | - | PASS ^{*1} |
| 5.8 | Conducted Band Edge and Spurious Emission | 15.247(d)/15.205 | PASS |
| 5.9 | Radiated Band Edge Emission | 15.205/15.209 | PASS |
| 5.10 | Radiated Spurious Emission | 15.247(d)/15.205/15.209 | PASS |

Note:

- The measurement uncertainty is not included in the test result.
- *1: No requirement on standard, only report these test data.

3. SUMMARY

3.1. Client Information

| Applicant: | Telo Communication (Shenzhen) Co., Ltd | |
|---------------|---|--|
| Address: | 6/F, No.42 Liuxian 1st Road, Bao'an District, Shenzhen, China | |
| Manufacturer: | Telo Communication (Shenzhen) Co., Ltd | |
| Address: | 6/F, No.42 Liuxian 1st Road, Bao'an District, Shenzhen, China | |

3.2. Product Description

| Name of EUT: | Smart Communicator |
|----------------------|--|
| Trade Mark: | Telo Systems, TELOX |
| Model No.: | M6 |
| Listed Model(s): | TELOX-M6, Telo-M6, M6C, M6D, M6E, M6F, M6G, M6H, M6J, M6K, M6L, M6N, M6P, M6Q, M6R, M6S, M6T, M6U, M6V, M6X, M6Y |
| Power supply: | DC 12V |
| Battery Information: | - |
| Adapter Information: | - |
| Hardware version: | M6_V1.0 |
| Software version: | M6_INT_V4_20201224 |

3.3. Radio Specification Description

| Support type ^{*2} : | 802.11b, 802.11g, 802.11n(HT20), 802.11n(HT40) |
|------------------------------|--|
| Modulation: | DSSS for 802.11b OFDM for 802.11g/802.11n(HT20)/802.11n(HT40) |
| Operation frequency: | 2412MHz~2462MHz for 802.11b/802.11g/802.11n(HT20) 2422MHz~2452MHz for 802.11n(HT40) |
| Channel number: | 11 for 802.11b/802.11g/802.11n(HT20) 7 for 802.11n(HT40) |
| Channel separation: | 5MHz |
| Antenna type: | PIFA Antenna |
| Antenna gain: | 1.46dBi |

Note:

*2: only show the RF function associated with this report.

3.4. Testing Laboratory Information

| Laboratory Name | Shenzhen Huatongwei International Inspection Co., Ltd. | | |
|----------------------|---|----------------------|--|
| Laboratory Location | 1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China | | |
| Connect information: | Phone: 86-755-26715499 E-mail: <u>cs@szhtw.com.cn</u> <u>http://www.szhtw.com.cn</u> | | |
| Qualifications | Туре | Accreditation Number | |
| Qualifications | FCC | 762235 | |

4. TEST CONFIGURATION

4.1. Test frequency list

According to section 15.31(m), regards to the operating frequency range over 10 MHz, must select three channels which were tested. The Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, please see the below blue front.

| 802.11b/802.11g/802.11n(HT20) | | 802.11n(HT40) | |
|-------------------------------|-----------------|---------------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 01 | 2412 | 03 | 2422 |
| 02 | 2417 | 04 | 2427 |
| · : | • : | • : | • : |
| 06 | 2437 | 06 | 2437 |
| · : | • : | · : | • : |
| 10 | 2457 | 08 | 2447 |
| 11 | 2462 | 09 | 2452 |

4.2. Descriptions of Test mode

Preliminary tests were performed in different data rates, final test modes are considering the modulation and worse data rates as below table.

| Modulation | Data rate |
|---------------|-----------|
| 802.11b | 1Mbps |
| 802.11g | 6Mbps |
| 802.11n(HT20) | MCS0 |
| 802.11n(HT40) | MCS0 |

4.3. Test mode

For RF test items

The engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions:

The EUT was set to connect with the WLAN AP under large package sizes transmission.

For Radiated spurious emissions test item:

The engineering test program was provided and enabled to make EUT continuous transmit. The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data Recorded in the report.

4.4. Support unit used in test configuration and system

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The following peripheral devices and interface cables were connected during the measurement:

| Wheth | Whether support unit is used? | | | | |
|-------|-------------------------------|------------|-----------|--------|------------|
| ~ | No | | | | |
| Item | Equipement | Trade Name | Model No. | FCC ID | Power cord |
| 1 | | | | | |
| 2 | | | | | |

4.5. Testing environmental condition

| Туре | Requirement | Actual |
|--------------------|--------------|----------|
| Temperature: | 15~35°C | 25°C |
| Relative Humidity: | 25~75% | 50% |
| Air Pressure: | 860~1060mbar | 1000mbar |

4.6. Measurement uncertainty

| Test Item | Measurement Uncertainty |
|--------------------------------------|-------------------------|
| AC Conducted Emission (150kHz~30MHz) | 3.02 dB |
| Radiated Emission (30MHz~1000MHz | 4.90 dB |
| Radiated Emissions (1GHz~25GHz) | 4.96 dB |
| Peak Output Power | 0.51 dB |
| Power Spectral Density | 0.51 dB |
| Conducted Spurious Emission | 0.51 dB |
| 6dB Bandwidth | 70 Hz |

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

4.7. Equipment Used during the Test

| • | Conducted Em | ission | | | | | |
|------|------------------------|--------------------|---------------|--------------------|-------------------|------------------------------|------------------------------|
| Used | Test Equipment | Manufacturer | Equipment No. | Model No. | Serial No. | Last Cal. Date (YY-MM-DD) | Next Cal. Date (YY-MM-DD) |
| • | Shielded Room | Albatross projects | HTWE0114 | N/A | N/A | 2018/09/28 | 2023/09/27 |
| • | EMI Test Receiver | R&S | HTWE0111 | ESCI | 101247 | 2020/10/19 | 2021/10/18 |
| • | Artificial Mains | SCHWARZBECK | HTWE0113 | NNLK 8121 | 573 | 2020/10/15 | 2021/10/14 |
| • | Pulse Limiter | R&S | HTWE0033 | ESH3-Z2 | 100499 | 2020/10/15 | 2021/10/14 |
| • | RF Connection Cable | HUBER+SUHNER | HTWE0113-02 | ENVIROFLE X_142 | EF-NM- BNCM-2M | 2020/10/15 | 2021/10/14 |
| • | Test Software | R&S | N/A | ES-K1 | N/A | N/A | N/A |

| • | Radiated emiss | sion-6th test site | | | | | |
|------|----------------------------|--------------------|------------------|-----------------|------------|------------------------------|------------------------------|
| Used | Test Equipment | Manufacturer | Equipment No. | Model No. | Serial No. | Last Cal. Date (YY-MM-DD) | Next Cal. Date (YY-MM-DD) |
| • | Semi-Anechoic Chamber | Albatross projects | HTWE0127 | SAC-3m-02 | C11121 | 2018/09/30 | 2021/09/29 |
| • | EMI Test Receiver | R&S | HTWE0099 | ESCI | 100900 | 2020/10/19 | 2021/10/18 |
| • | Loop Antenna | R&S | HTWE0170 | HFH2-Z2 | 100020 | 2018/04/02 | 2021/04/01 |
| • | Ultra-Broadband Antenna | SCHWARZBECK | HTWE0119 | VULB9163 | 546 | 2020/04/28 | 2023/04/27 |
| • | Pre-Amplifer | SCHWARZBECK | HTWE0295 | BBV 9742 | N/A | 2020/11/12 | 2021/11/11 |
| • | RF Connection Cable | HUBER+SUHNER | HTWE0062- 01 | N/A | N/A | 2020/05/27 | 2021/05/26 |
| • | RF Connection Cable | HUBER+SUHNER | HTWE0062- 02 | SUCOFLEX 104 | 501184/4 | 2020/05/27 | 2021/05/26 |
| • | Test Software | R&S | N/A | ES-K1 | N/A | N/A | N/A |

| • | Radiated emis | sion-7th test site | | | | | |
|------|-----------------------------|--------------------|---------------|----------------------|-------------|------------------------------|------------------------------|
| Used | Test Equipment | Manufacturer | Equipment No. | Model No. | Serial No. | Last Cal. Date (YY-MM-DD) | Next Cal. Date (YY-MM-DD) |
| • | Semi-Anechoic Chamber | Albatross projects | HTWE0122 | SAC-3m-01 | N/A | 2018/09/27 | 2021/09/26 |
| • | Spectrum Analyzer | R&S | HTWE0098 | FSP40 | 100597 | 2020/10/20 | 2021/10/19 |
| • | Horn Antenna | SCHWARZBECK | HTWE0126 | 9120D | 1011 | 2020/04/01 | 2023/03/31 |
| • | Broadband Horn Antenna | SCHWARZBECK | HTWE0103 | BBHA9170 | BBHA9170472 | 2020/04/27 | 2023/04/27 |
| • | Pre-amplifier | CD | HTWE0071 | PAP-0102 | 12004 | 2020/11/12 | 2021/11/11 |
| • | Broadband Pre- amplifier | SCHWARZBECK | HTWE0201 | BBV 9718 | 9718-248 | 2020/05/23 | 2021/05/22 |
| • | RF Connection Cable | HUBER+SUHNER | HTWE0120-01 | 6m 18GHz S Serisa | N/A | 2020/05/10 | 2021/05/09 |
| • | RF Connection Cable | HUBER+SUHNER | HTWE0120-02 | 6m 3GHz RG Serisa | N/A | 2020/05/10 | 2021/05/09 |
| • | RF Connection Cable | HUBER+SUHNER | HTWE0120-03 | 6m 3GHz RG Serisa | N/A | 2020/05/10 | 2021/05/09 |
| • | RF Connection Cable | HUBER+SUHNER | HTWE0120-04 | 6m 3GHz RG Serisa | N/A | 2020/05/10 | 2021/05/09 |
| • | RF Connection Cable | HUBER+SUHNER | HTWE0121-01 | 6m 18GHz S Serisa | N/A | 2020/05/10 | 2021/05/09 |
| • | Test Software | Audix | N/A | E3 | N/A | N/A | N/A |

| • | RF Conducted Method | | | | | |
|------|------------------------------|--------------|-----------|------------|------------------------------|------------------------------|
| Used | Test Equipment | Manufacturer | Model No. | Serial No. | Last Cal. Date (YY-MM-DD) | Next Cal. Date (YY-MM-DD) |
| • | Signal and spectrum Analyzer | R&S | FSV40 | 100048 | 2020/10/19 | 2021/10/18 |
| • | Spectrum Analyzer | Agilent | N9020A | MY50510187 | 2020/10/19 | 2021/10/18 |
| • | Power Meter | Anritsu | ML249A | N/A | 2020/10/19 | 2021/10/18 |
| 0 | Radio communication tester | R&S | CMW500 | 137688-Lv | 2020/10/19 | 2021/10/18 |

5. TEST CONDITIONS AND RESULTS

5.1. Antenna Requirement

<u>Requirement</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responseble party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

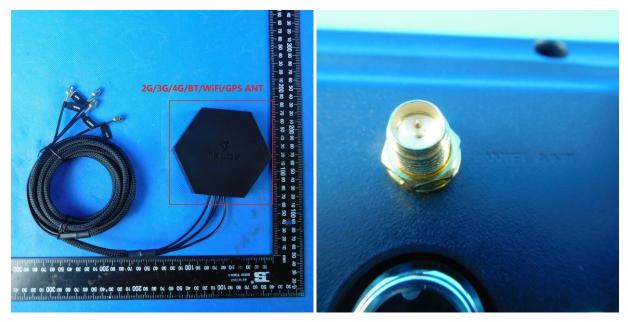
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

TEST RESULT

☑ Passed □ Not Applicable

The antenna type is a PIFA antenna, the directional gain of the antenna less than 6 dBi, please refer to the below antenna photo. The antenna type is a non-standard antenna port.



5.2. AC Conducted Emission

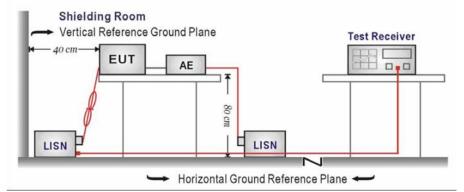
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.207

| | Limit (dBuV) | | | | | |
|-----------------------|--------------|-----------|--|--|--|--|
| Frequency range (MHz) | Quasi-peak | Average | | | | |
| 0.15-0.5 | 66 to 56* | 56 to 46* | | | | |
| 0.5-5 | 56 | 46 | | | | |
| 5-30 | 60 | 50 | | | | |

* Decreases with the logarithm of the frequency.

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was setup according to ANSI C63.10 requirements.
- The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
- The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment.
- 4. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
- 6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- 7. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 8. During the above scans, the emissions were maximized by cable manipulation.

TEST MODE:

Please refer to the clause 4.2

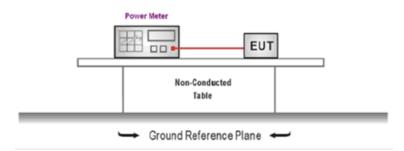
TEST RESULT

5.3. Peak Output Power

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3): 30dBm

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was tested according to ANSI C63.10 and KDB 558074 D01 requirements.
- 2. The maximum peak conducted output power may be measured using a broadband peak RF power meter.
- 3. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.
- 4. Record the measurement data.

TEST MODE:

Please refer to the clause 4.2

TEST RESULT

☑ Passed □ Not Applicable

TEST Data

Please refer to appendix A on the appendix report

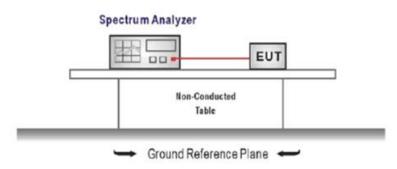
5.4. Power Spectral Density

<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (e):

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input,
- Configure the spectrum analyzer as shown below: Center frequency=DTS channel center frequency Span =1.5 times the DTS bandwidth RBW = 3 kHz ≤ RBW ≤ 100 kHz, VBW ≥ 3 × RBW Sweep time = auto couple Detector = peak Trace mode = max hold
- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter wave form on the spectrum analyzer.
- 4. Use the peak marker function to determine the maximum amplitude level within the RBW.
- 5. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST MODE:

Please refer to the clause 4.2

TEST RESULT

☑ Passed □ Not Applicable

TEST Data

Please refer to appendix B on the appendix report

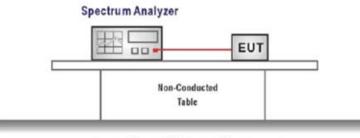
5.5. 6dB bandwidth

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2):

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz.

TEST CONFIGURATION



➡ Ground Reference Plane ◄

TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 2. Configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).

Center Frequency =DTS channel center frequency

Span=2 x DTS bandwidth

RBW = 100 kHz, VBW \ge 3 × RBW

Sweep time= auto couple

Detector = Peak

Trace mode = max hold

- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
- 4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission, and record the pertinent measurements.

TEST MODE:

Please refer to the clause 4.2

TEST RESULT

TEST Data

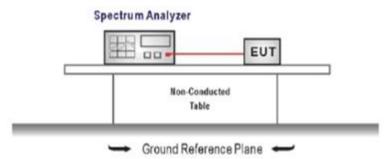
Please refer to appendix C on the appendix report

5.6. 99% Occupied Bandwidth

<u>LIMIT</u>

N/A

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 2. Configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).

Center Frequency =channel center frequency Span≥1.5 x OBW RBW = 1%~5%OBW VBW ≥ 3 × RBW Sweep time= auto couple Detector = Peak Trace mode = max hold

3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.

TEST MODE:

Please refer to the clause 4.2

TEST RESULT

☑ Passed □ Not Applicable

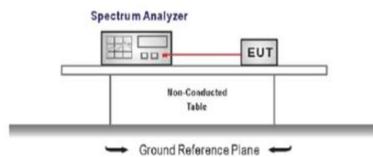
TEST Data

Please refer to appendix D on the appendix report

5.7. Duty Cycle

N/A

TEST CONFIGURATION



TEST PROCEDURE

- 1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
- 2. Set to the maximum power setting and enable the EUT transmit continuously
- Use the following spectrum analyzer settings: Span=zero span, Frequency=centered channel, RBW= 1 MHz, VBW ≥ RBW Sweep=as necessary to capture the entire dwell time, Detector function = peak, Trigger mode
- 4. Measure and record the duty cycle data

TEST MODE:

Please refer to the clause 4.2

TEST Data

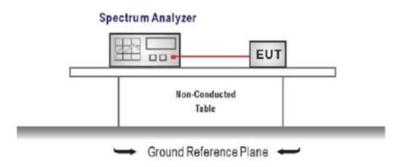
Please refer to appendix E on the appendix report

5.8. Conducted Band edge and Spurious Emission

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section15.247 (d):In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- Establish a reference level by using the following procedure Center frequency=DTS channel center frequency The span = 1.5 times the DTS bandwidth. RBW = 100 kHz, VBW ≥ 3 x RBW Detector = peak, Sweep time = auto couple, Trace mode = max hold
 - Allow trace to fully stabilize

Use the peak marker function to determine the maximum PSD level

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

3. Emission level measurement

Set the center frequency and span to encompass frequency range to be measured

RBW = 100 kHz, VBW \ge 3 x RBW

Detector = peak, Sweep time = auto couple, Trace mode = max hold

Allow trace to fully stabilize

Use the peak marker function to determine the maximum amplitude level.

- 4. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
- Ensure that the amplitude of all unwanted emission outside of the authorized frequency band excluding restricted frequency bands) are attenuated by at least the minimum requirements specified (at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz). Report the three highest emission relative to the limit.

TEST MODE:

Please refer to the clause 4.2

TEST RESULT

☑ Passed □ Not Applicable

TEST Data

Please refer to appendix F on the appendix report

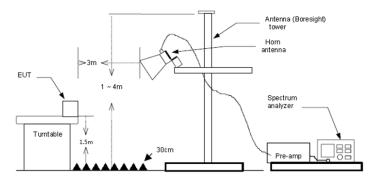
5.9. Radiated Band edge Emission

<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, Radiated Emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the Radiated Emissions limits specified in §15.209(a) (see §15.205(c)).

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was setup and tested according to ANSI C63.10.
- 2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find themaximum emission, all of the interface cables were manipulated according to ANSI C63.10 on radiated measurement.
- 5. Use the following spectrum analyzer settings:
 - a) Span shall wide enough to fully capture the emission being measured
 - b) Set RBW=100kHz for <1GHz, VBW=3*RBW, Sweep time=auto, Detector=peak, Trace=max hold
 - c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement:

- VBW=10Hz, 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, so refer to this clasue 5.6 duty cycle.

TEST MODE:

Please refer to the clause 4.2

TEST RESULT

☑ Passed □ Not Applicable

Note:

- 1) Level= Reading + Factor; Factor = Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- 3) Average measurement was not performed if peak level is lower than average limit(54 dBuV/m).

| Туре | | 802.1 | 1b | Test c | hannel | CH | 101 | P | olarity | | Horizontal |
|------|------|------------------|-------------------|---------------|-------------|--------------|-----------|-----------------|-----------------|---------------|------------|
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
| | 1 | 2310.00 | 28.67 | 27.96 | 7.30 | 37.56 | 20.00 | 46.37 | 74.00 | -27.63 | Peak |
| | 2 | 2390.01 | 27.76 | 27.72 | 7.72 | 37.45 | 20.00 | 45.75 | 74.00 | -28.25 | Peak |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit | Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m | limit | |
| | 1 | 2310.00 | 21.24 | 27.96 | | | 20.00 | | | -15.06 | Average |
| | 2 | 2390.01 | 20.20 | 27.72 | 7.72 | 37.45 | 20.00 | 38.19 | 54.00 | -15.81 | Average |
| Туре | | 802.11b | | Test c | hannel | CH | 101 | P | olarity | | Vertical |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit | Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/r | n limit | |
| | 1 | 2310.00 | 29.81 | 27.96 | 7.30 | 37.56 | 20.00 | 47.51 | 74.00 | -26.49 | Peak |
| | 2 | 2390.01 | 28.99 | 27.72 | 7.72 | 37.45 | 20.00 | 46.98 | 74.00 | -27.02 | Peak |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit | Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m | limit | |
| | 1 | 2310.00 | 23.65 | 27.96 | 7.30 | 37.56 | 20.00 | 41.35 | 54.00 | -12.65 | Average |
| | 2 | 2390.01 | 22.86 | 27.72 | 7.72 | 37.45 | 20.00 | 40.85 | 54.00 | -13.15 | Average |

| Туре | | 802.11 | b | Test ch | nannel | CH | 111 | Po | olarity | | Horizontal |
|------|---------|--------------------|-------------------|------------------------------|--------------|----------------|----------------|-----------------|------------------------|------------------|--------------------|
| | Mark | Frequency MHz | Reading dBuV/m | An <mark>t</mark> enna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
| | | 2483.49 2500.00 | | | | | 20.00 | 39.19 38.55 | | .4.81 .5.45 | Average Average |
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | e Pream dB | np Aux dB | Level dBuV/m | Limit dBuV/m | Over limi | |
| | 1 2 | 2483.49 2500.00 | 27.56 27.45 | 27.43 27.40 | 7.80 7.81 | 37.26 37.26 | 20.00 20.00 | | 74.00 74.00 | -28.47 -28.60 | |
| Туре | 802.11b | | Test ch | nannel | CH | 111 | Po | olarity | | Vertical | |
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
| | 1 2 | 2483.49 2500.00 | 22.75 22.52 | 27.43 27.40 | | 37.26 37.26 | 20.00 20.00 | | 2 54.00 - 7 54.00 - | | |
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | e Pream dB | np Aux dB | Level dBuV/m | Limit dBuV/m | Over lim: | |
| | 1 | 2483.49 2491.21 | 29.94 | 27.43 | 7.80 | 37.26 | 20.00 | 47,91 | 74.00 | -26.09 | 9 Peak |
| | 3 | 2500.00 | 29.85 | 27.40 | 7.81 | 37.26 | 20.00 | | | -26.20 | |

| Туре | | 802.17 | lg | Test cl | hannel | CH | 101 | P | olarity | | Horizontal |
|------|------|--------------------|-------------|---------|--------|--------|-------|--------|---------|---------|--------------------|
| | Mark | 1 1 | Reading | Antenna | Cable | | | Level | Limit | Over | Remark |
| | 1 | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m | limit | |
| | 1 | 2310.00 2390.01 | 22.01 22.46 | 27.96 | 7.30 | | 20.00 | 40.45 | | -14.29 | Average Average |
| | 2 | 200.01 | 22.40 | 21.12 | 1.12 | 57.45 | 20.00 | 40.45 | 54.00 | -13.35 | Average |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit | Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/ | m limi | t |
| | 1 | 2310.00 | 28.11 | 27.96 | 7.30 | 37.56 | 20.00 | 45.81 | 74.00 | -28.19 | Peak |
| | 2 | 2390.01 | 31.01 | 27.72 | 7.72 | 37.45 | 20.00 | 49.00 | 74.00 | -25.00 | Peak |
| уре | | 802.11g | | Test cl | hannel | C⊦ | 101 | P | olarity | | Vertical |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit | Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m | limit | |
| | 1 | 2310.00 | 23.57 | 27.96 | 7.30 | 37.56 | 20.00 | 41.27 | 54.00 | -12.73 | Average |
| | 2 | 2390.01 | 25.27 | 27.72 | 7.72 | 37.45 | 20.00 | 43.26 | 54.00 | -10.74 | Average |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit | Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m | n limit | 2 |
| | 1 | 2310.00 | 30.74 | 27.96 | 7.30 | 37.56 | 20.00 | 48.44 | 74.00 | -25.56 | Peak |
| | 2 | 2390.01 | 34.73 | 27.72 | 7.72 | 37.45 | 20.00 | 52.72 | 74.00 | -21.28 | Peak |

| Туре | | 802.11 | lg | Test c | hannel | C⊢ | 111 | P | olarity | Horizontal |
|------|--------|--------------------|-------------------|------------------------------|--------------|----------------|----------------|-----------------|------------------------------|--------------------|
| | Mark | Frequency MHz | Reading dBuV/m | An <mark>t</mark> enna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit Ove dBuV/m lim | |
| | 1 2 | 2483.49 2500.00 | 32.32 28.96 | 27.43 27.40 | 7.80 7.81 | 37.26 37.26 | 20.00 20.00 | 50.29 46.91 | 74.00 -23.7 74.00 -27.0 | |
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit Over dBuV/m limit | Remark |
| | 1 2 | 2483.49 2500.00 | 21.73 20.59 | 27.43 27.40 | | 37.26 37.26 | 20.00 20.00 | | 54.00 -14.30 54.00 -15.46 | Average Average |
| Туре | | 802.11 | lg | Test c | hannel | CH | 111 | P | olarity | Vertical |
| | Mark | Frequency MHz | Reading dBuV/m | An <mark>t</mark> enna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit Over dBuV/m lim | |
| | 1 2 | 2483.49 2500.00 | 34.06 30.42 | 27.43 27.40 | 7.80 7.81 | 37.26 37.26 | 20,00 20,00 | 52.03 48.37 | 74.00 -21.9 74.00 -25.6 | |
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit Over dBuV/m limit | Remark |
| | 1000 | 2483.49 2500.00 | 26.02 23.13 | 27.43 27.40 | 1.1.1.1.1.1 | 37.26 37.26 | 20.00 20.00 | | 54.00 -10.01 54.00 -12.92 | Average Average |

| Туре | | 802.1 | 1n(HT20) | Test o | hannel | CI | H01 | P | olarity | | Horizontal |
|------|------|----------------|------------------------------|-------------|------------|-------------|-------------------|-----------------|-------------------------|--------|------------|
| | Mark | Frequency | | Antenna | Cable | | | Level | Limit | Over | |
| | 1 | MHz 2310.00 | dBuV/m 28.90 | dB 27.96 | dB 7.30 | dB 37.56 | dB 20.00 | dBuV/m 46.60 | dBuV/m 74.00 | | |
| | 2 | 2390.01 | 34.97 | 27.72 | 7.72 | 37.45 | 20.00 | 52.96 | 74.00 | -21,04 | |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit | Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m | limit | |
| | 1 | 2310.00 | 21.78 | 27.96 | 7.30 | 37.56 | 20.00 | 39.48 | 54.00 | -14.52 | Average |
| | 2 | 2390.01 | 23.26 | 27.72 | 7.72 | 37.45 | 20.00 | 41.25 | 54.00 | -12.75 | Average |
| Туре | | 802.1 | 1n(HT20) | Test o | hannel | CI | H01 | P | olarity | | Vertical |
| | Mark | Frequency | | Antenna | | Pream | the second second | Level | Limit | | |
| | | MHz | and the second second second | dB | dB | dB | dB | dBuV/m | A STATE OF A STATE OF A | | |
| | 1 | 2310.00 | 31.60 | | 7.30 | 37.56 | 20.00 | | 74.00 | | |
| | 2 | 2390.01 | 33.87 | 27.72 | 7.72 | 37.45 | 20.00 | 51.86 | 74.00 | -22.14 | Peak |
| | Mark | Frequency | 0 | Antenna | Cable | Preamp | Aux | Level | Limit | Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m | limit | |
| | 1 | 2310.00 | 24,36 | 27.96 | | | 20.00 | 42.06 | 54.00 | -11.94 | Average |
| | 2 | 2390.01 | 29.32 | 27.72 | 7.72 | 37.45 | 20.00 | 47.31 | 54.00 | -6.69 | Average |

| Туре | | 802.11 | n(HT20) | Test c | hannel | C | H11 | P | olarity | | Horizontal |
|------|------|------------------|-------------------|---------------|-------------|---------------|--------------|-----------------|-----------------|----------------|------------|
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
| | 1 | 2483.49 | 24.17 | 27.43 | 7.80 | 37.26 | 20.00 | 42.14 | 54.00 - | 11.86 | Average |
| | 2 | 2500.00 | 21.98 | 27.40 | 7.81 | 37.26 | 20.00 | 39.93 | 54.00 - | 14.07 | Average |
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | e Pream dB | np Aux dB | Level dBuV/m | Limit dBuV/m | Over limi | |
| | 1 | 2483.49 | 39.90 | 27.43 | 7.80 | 37.26 | 20.00 | 57.87 | 74.00 | -16.13 | Peak |
| | 2 | 2500.00 | 27.87 | 27.40 | 7.81 | 37.26 | 20.00 | 45.82 | 74.00 | -28.18 | Peak |
| Туре | | 802.11 | n(HT20) | Test c | hannel | C | H11 | P | olarity | | Vertical |
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
| | 1 | 2483.49 | 26.44 | 27.43 | 7.80 | 37.26 | 20.00 | 44.41 | 54.00 | -9.59 | Average |
| | 2 | 2500.00 | 24.20 | 27.40 | 7.81 | 37.26 | 20.00 | 42.15 | 54.00 - | 11.85 | Average |
| | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | e Pream dB | np Aux dB | Level dBuV/m | Limit dBuV/m | Over 1 limi | |
| | 1 | 2483.49 | 37.21 | 27.43 | 7.80 | 37.26 | 20.00 | 55.18 | 74.00 | -18.82 | Peak |
| | 2 | 2485.04 | 40.80 | 27.43 | 7.80 | 37.26 | 20.00 | 58.77 | 74.00 | -15.23 | Peak |
| | 3 | 2486.29 | 36.88 | 27.43 | 7.80 | 37.26 | 20.00 | 54.85 | 74.00 | -19.15 | 6 Peak |
| | 4 | 2500.00 | 30.64 | 27.40 | 7.81 | 37.26 | 20.00 | 48.59 | 74.00 | -25.41 | Peak |

| Туре | | | 802.11 | In(HT40) | Test o | hanne | C | H03 | F | Polarity | | Horizontal |
|------|--------|--------------|----------------|---|------------------------------|--------------|----------------|----------------|-----------------|-----------------|-----------------|--------------------|
| | Mark | | quency Hz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
| | 1 2 | 2310 2389 | | 23.80 28.16 | 27.96 27.72 | | 37.56 37.45 | 20.00 | | 54.00 54.00 | -12.50 -7.85 | Average Average |
| | Mark | | equency Mz | Reading dBuV/m | Antenna dB | Cable dB | Pream dB | p Aux dB | Level dBuV/m | Limit dBuV/r | | |
| | 1 2 | 2310 2389 | | 29.68 36.94 | 27.96 27.72 | 7.30 7.72 | 37.56 37.45 | 20.00 20.00 | 47,38 54,93 | 74.00 74.00 | | |
| Туре | | | 802.11 | In(HT40) | Test o | hanne | С | H03 | F | Polarity | | Vertical |
| | Mark | | equency Mz | Reading dBuV/m | An <mark>t</mark> enna dB | Cable dB | Preamp dB | Aux dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
| | 1 2 | 2310 2389 | | 25.97 31.97 | 27.96 27.72 | | 37.56 37.45 | 20.00 20.00 | | 54.00 54.00 | -10.33 -4.04 | Average Average |
| | Mark | | equency MHz | Reading dBuV/m | Antenna dB | Cable dB | Pream dB | ip Aux dB | Level dBuV/m | Limit dBuV/r | | |
| | 1 2 | 100 | 0.00 9.99 | and the second se | 27.96 27.72 | 7.30 7.72 | 37.56 37.45 | 20.00 20.00 | 50.04 58.42 | 74.00 74.00 | | |

| Туре | | 802.11 | n(HT40) | Test c | hannel | CI | H09 | P | olarity | Horizonta |
|------|------|-----------|---------|---------|--------|--------|--------|--------|--------------|-------------------|
| | | | | | | | | | | |
| | Mark | | - | | | | | Level | Limit Ov | |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | | mit |
| | 1 | 2483.50 | 37.82 | 27.43 | 7.80 | 37.26 | 20.00 | 55.79 | 74.00 -18. | The second second |
| | 2 | 2500.00 | 29,00 | 27.40 | 7.81 | 37.26 | 20.00 | 46.95 | 74.00 -27. | 05 Peak |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m limit | E |
| | 1 | 2483.50 | 28.59 | 27.43 | 7.80 | 37.26 | 20.00 | 46.56 | 54.00 -7.44 | Average |
| | 2 | 2500.00 | 21.97 | 27.40 | 7.81 | 37.26 | 20.00 | 39.92 | 54.00 -14.08 | Average |
| Туре | | 802.11 | n(HT40) | Test c | hannel | CI | H09 | P | olarity | Vertical |
| | Mark | Frequency | Reading | Antenna | Cable | Pream | ip Aux | Level | Limit Ov | er Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m li | mit |
| | 1 | 2483.50 | 39.96 | 27.43 | 7.80 | 37.26 | 20.00 | 57.93 | 74.00 -16. | 07 Peak |
| | 2 | 2500.00 | 31.92 | 27.40 | 7.81 | 37.26 | 20.00 | 49.87 | 74.00 -24. | 13 Peak |
| | Mark | Frequency | Reading | Antenna | Cable | Preamp | Aux | Level | Limit Over | Remark |
| | | MHz | dBuV/m | dB | dB | dB | dB | dBuV/m | dBuV/m limi | t |
| | 1 | 2483.50 | 32.19 | 27.43 | 7.80 | 37.26 | 20.00 | 50.16 | 54.00 -3.84 | Average |
| | 2 | 2500.00 | 25.31 | 27.40 | 7.81 | 37.26 | 20.00 | | 54.00 -10.74 | |

5.10. Radiated Spurious Emission

<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.209

| Frequency | Limit (dBuV/m) | Value |
|----------------------|-------------------|------------|
| 0.009 MHz ~0.49 MHz | 2400/F(kHz) @300m | Quasi-peak |
| 0.49 MHz ~ 1.705 MHz | 24000/F(kHz) @30m | Quasi-peak |
| 1.705 MHz ~30 MHz | 30 @30m | Quasi-peak |

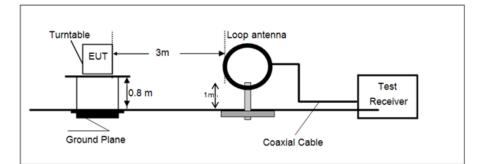
Note: Limit dBuV/m @3m = Limit dBuV/m @300m + 40*log(300/3)= Limit dBuV/m @300m +80,

Limit dBuV/m @3m = Limit dBuV/m @30m +40*log(30/3)= Limit dBuV/m @30m + 40.

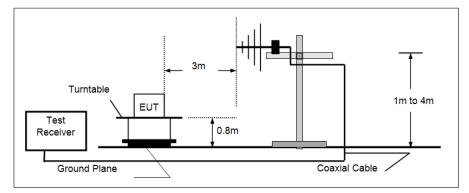
| Frequency | Limit (dBuV/m @3m) | Value |
|---------------|--------------------|------------|
| 30MHz~88MHz | 40.00 | Quasi-peak |
| 88MHz~216MHz | 43.50 | Quasi-peak |
| 216MHz~960MHz | 46.00 | Quasi-peak |
| 960MHz~1GHz | 54.00 | Quasi-peak |
| | 54.00 | Average |
| Above 1GHz | 74.00 | Peak |

TEST CONFIGURATION

> 9 kHz ~ 30 MHz

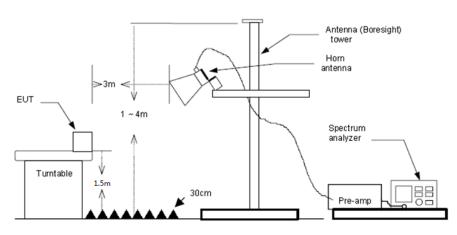


> 30 MHz ~ 1 GHz



Above 1 GHz

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TEST PROCEDURE

- 1. The EUT was setup and tested according to ANSI C63.10 .
- The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. For each suspected emission, 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 to comply with the guidelines.
- 5. Set to the maximum power setting and enable the EUT transmit continuously.
- 6. Use the following spectrum analyzer settings
 - a) Span shall wide enough to fully capture the emission being measured;
 - b) Below 1 GHz:
 - RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;

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 quasi-peak detector and reported.

c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement:

- VBW=10Hz, 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, so refer to this clasue 5.6 duty cycle.

TEST MODE:

Please refer to the clause 4.2

TEST RESULT

☑ Passed □ Not Applicable

Note:

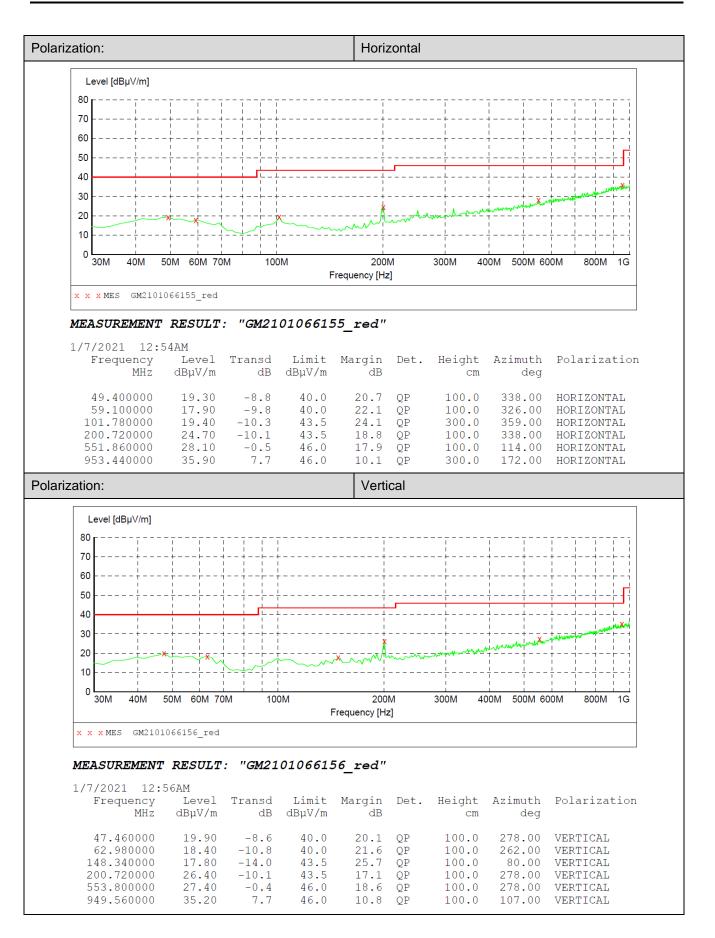
- 1) Level= Reading + Factor/Transd; Factor/Transd = Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- Average measurement was not performed if peak level is lower than average limit(54 dBuV/m) for above 1GHz.

<u> TEST DATA FOR 9 kHz ~ 30 MHz</u>

The EUT was pre-scanned this frequency band, found the radiated level 20dB lower than the limit, so don't show data on this report.

TEST DATA FOR 30 MHz ~ 1000 MHz

Have pre-scan all test channel, found CH06 of 802.11B which it was worst case, so only show the worst case's data on this report.



| Туре | | 802.11b | | Test channe | I (| CH01 | | Polarity | H | lorizontal |
|------|--------|------------------|-------------------|----------------|-------------|--------------|----------------|---|---------------------------|------------|
| | Mark | Frequency MHz | Reading dBuV/r | | Cable dB | Preamp dB | Leve dBuV/r | | Over limit | Remark |
| | 1 | 1273.57 | 33.65 | 25.95 | 5.34 | 36.40 | 28.54 | 74.00 | -45.46 | Peak |
| | 2 | 3160.03 | 32.56 | 28.98 | 8.69 | 37.15 | 33.08 | 74.00 | -40.92 | |
| | з | 5022.19 | 31.82 | 32.03 | 11.54 | 35.30 | 40.09 | 74.00 | -33.91 | Peak |
| | 4 | 7081.70 | 30.15 | 35.95 | 13.59 | 33.94 | 45.75 | 74.00 | -28.25 | Peak |
| Туре | | 802.11b | | Test channe | I (| CH01 | | Polarity | V | 'ertical |
| | Mark | Frequency | Reading | z Antenna | Cable | Preamp | Leve | l Limit | Over | Remark |
| | ridi K | MHz | dBuV/r | | dB | dB | dBuV/ | | limit | |
| | 1 | 1313.08 | 33.43 | 26.08 | 5.44 | 36.33 | 28.62 | 74.00 | -45.38 | |
| | 2 | 3192.37 | 32.73 | 28.92 | 8.72 | 37.01 | 33.36 | 74.00 | -40.64 | |
| | 3 | 4664.81 | 31.18 | 31.26 | 11.03 | 35.94 | 37.53 | 74.00 | -36.47 | |
| | 4 | 6696.01 | 30.34 | 34.30 | 13.79 | 34.47 | 43.96 | 74.00 | | Peak |
| Туре | | 802.11b | | Test channe | I (| CH06 | | Polarity | H | lorizontal |
| | | | | | c. 1.1 | | | | | |
| | Mark | Frequency | Reading | | Cable | Preamp | Level | | Over limit | Remark |
| | | MHz | dBuV/r | | dB | dB | dBuV/1 | | | Deals |
| | 1 | 1280.07 | 33.83 | 25,96 | 5.36 | 36.37 | 28.78 | 74.00 | -45.22 | |
| | 2 | 3151.99 | 31.98 | 29.00 | 8.68 | 37.18 | 32.48 | 74.00 | -41.52 | |
| | 3 | 4736.60 | 30.91 | 31.40 33.18 | 11.27 | 35.58 34.63 | 38.00 | 74.00 | -36.00 | |
| _ | 4 | 6363.65 | 30.72 | | 13.27 | | 42.54 | | -31.46 | |
| Туре | | 802.11b | | Test channe | | CH06 | | Polarity | V | ertical |
| | Mark | Frequency | Reading | g Antenna | Cable | Preamp | Leve | l Limit | Over | Remark |
| | | MHz | dBuV/ | | dB | dB | dBuV/ | m dBuV/m | limit | |
| | 1 | 1222.74 | 34.86 | 25.74 | 5.17 | 36.61 | 29.16 | 74.00 | -44.84 | Peak |
| | 2 | 3184.25 | 32.76 | 28.93 | 8.71 | 37.05 | 33.35 | 74.00 | -40.65 | Peak |
| | з | 4858.72 | 30.06 | 31.40 | 11.51 | 35.13 | 37.84 | 74.00 | -36.16 | Peak |
| | 4 | 6412.43 | 30.30 | 33.47 | 13.10 | 34.68 | 42.19 | 74.00 | | Peak |
| Туре | | 802.11b | | Test channe | I (| CH11 | | Polarity | H | lorizontal |
| | Mark | Frequency | Reading | g Antenna | Cable | Preamp | Leve | l Limit | Over | Remark |
| | | MHz | dBuV/n | | dB | dB | dBuV/ | | limit | |
| | 1 | 1254.27 | 34.82 | 25.91 | 5.27 | 36.48 | 29.52 | 74.00 | -44.48 | |
| | 2 | 3135.99 | 32.79 | 29.00 | 8.66 | 37.25 | 33.20 | 74.00 | -40.80 | |
| | 3 | 4883.52 | 30.53 | 31.40 | 11.50 | 35.18 | 38.25 | 74.00 | -35.75 | |
| | 4 | 6494.56 | 30.42 | 33,97 | 13.13 | 34.74 | 42.78 | 74.00 | -31.22 | |
| Туре | | 802.11b | | Test channe | I (| CH11 | | Polarity | V | 'ertical |
| Туре | | | | | | Desem | | 1 (1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | Over | Remark |
| Туре | Marek | Encourance | Deadta | a Antonn- | C pla l e | | | | | |
| Туре | Mark | Frequency | Readin | | Cable | | Leve dBuV/ | | | |
| Туре | | MHz | dBuV/ | m dB | dB | dB | dBuV/ | m dBuV/m | limit | |
| Туре | 1 | MHz 1299.77 | dBuV/ 33.63 | m dB 26.00 | dB 5.42 | dB 36.29 | dBuV/ 28.76 | m dBuV/m 74.00 | limit -45.24 | Peak |
| Туре | | MHz | dBuV/ | m dB | dB | dB | dBuV/ | m dBuV/m | limit -45.24 -41.16 | |

TEST DATA FOR 1 GHz ~ 25 GHz

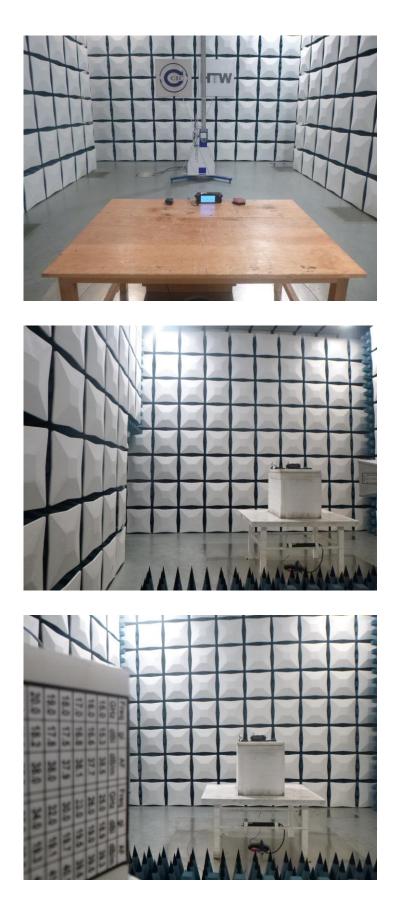
| Туре | | 802.11g | | Test channe | I C | H01 | | Polarity | | Horizontal |
|------|--------------------------|--|---|--|--|---|---|---|--|---|
| | Mark | Frequency | Reading | | Cable | Preamp | Leve | | Over | |
| | | MHz 1251.08 | dBuV/r | | dB | dB | dBuV/ | | limi | |
| | 1 | 3135.99 | 35.04 | 25,90 | 5.26 | 36.50 | 29.70 | 74.00 | -44.3 | |
| | 2 | | 32.69 | 29.00 31.21 | 8.66 | 37.25 | 33.10 36.89 | 74.00 | -40.9 | |
| | 4 | 4652.95 5718.40 | 30.68 | 31.90 | | 34.88 | 39.23 | 74.00 | -37.1 | 7 Peak |
| T | 4 | | 29.77 | | 12.44 | | 59.25 | | | |
| Туре | | 802.11g | | Test channe | | H01 | | Polarity | | Vertical |
| | Mark | Frequency | Reading | g Antenna | Cable | Preamp | Leve | l Limit | Over | Remark |
| | HOLK | MHz | dBuV/ | | dB | dB | dBuV/r | | limi | |
| | 1 | 1235.26 | 34.31 | 25.81 | 5.21 | 36.56 | 28.77 | 74.00 | -45.2 | |
| | 2 | 3176.16 | 32.55 | 28.95 | 8.70 | 37.09 | 33.11 | 74.00 | -40.8 | |
| | 2 | | | | | | | | | |
| | 3 | 4760.78 5703.86 | 30.46 | 31.40 | 11.36 | 35.47 34.90 | 37.75 | 74.00 | | 5 Peak 7 Peak |
| | 4 | | 30.66 | 31.90 | 12.47 | | 40.13 | 74.00 | | 7 Peak |
| Туре | | 802.11g | | Test channe | I C | H06 | | Polarity | | Horizontal |
| | Mark | Frequency | Reading | a Antenna | Cable | Preamp | Leve | l Limit | Over | Remark |
| | rich is | MHz | dBuV/r | | dB | dB | dBuV/ | | limi | |
| | 1 | 1188.98 | 34.24 | 25.56 | 5.08 | 36.66 | 28.22 | 74.00 | | 8 Peak |
| | 2 | 3176.16 | 32.12 | 28.95 | 8.70 | 37.09 | 32.68 | 74.00 | | 2 Peak |
| | 3 | 4834.05 | 30.31 | 31.40 | 11.51 | 35.20 | 38.02 | 74.00 | | 8 Peak |
| | 4 | 6235.36 | 30.78 | 32.87 | 13.07 | 34.61 | 42.11 | 74.00 | | 9 Peak |
| Туре | | 802.11g | | Test channe | I C | H06 | | Polarity | | Vertical |
| | | | | | | | | | | |
| | Mark | Frequency | Readin | | Cable | Preamp | Leve | | Over | |
| | | MHz | dBuV/ | | dB | dB | dBuV/ | | limi | |
| | 1 | 1210.36 | 34.46 | 25.66 | 5.13 | 36.63 | 28.62 | 74.00 | | 8 Peak |
| | 2 | 3176.16 | 31.91 | 28.95 | 8.70 | 37.09 | 32.47 | 74.00 | | i3 Peak |
| | З | 4724.56 | 30.42 | 31.40 | 11.22 | 35.63 | 37.41 | 74.00 | -36.5 | |
| | 4 | 5895.77 | 31.88 | 32.29 | 12.61 | 35.04 | 41.74 | 74.00 | -32.2 | 6 Peak |
| | | | | Test channe | | :H11 | | Polarity | | Horizontal |
| Туре | | 802.11g | | rest channe | | / | | , | | |
| Туре | Mark | | Reading | | | | Leve | | Over | Remark |
| Туре | Mark | Frequency | Reading dBuV/r | g Antenna | Cable | Preamp | Leve dBuV/ | l Limit | Over limi | |
| Туре | | Frequency MHz | dBuV/r | g Antenna n dB | Cable dB | Preamp dB | dBuV/ | l Limit m dBuV/m | limi | t |
| Туре | 1 | Frequency MHz 1270.33 | dBuV/1 34.05 | g Antenna n dB 25,94 | Cable dB 5.32 | Preamp dB 36,42 | dBuV/ 28.89 | l Limit m dBuV/m 74.00 | limi -45.1 | t 1 Peak |
| Туре | 1 2 | Frequency MHz 1270.33 3184.25 | dBuV/r 34.05 32.47 | g Antenna n dB 25.94 28.93 | Cable dB 5.32 8.71 | Preamp dB 36.42 37.05 | dBuV/ 28.89 33.06 | l Limit m dBuV/m 74.00 74.00 | limi -45.1 -40.9 | lt 1 Peak 24 Peak |
| Туре | 1 | Frequency MHz 1270.33 | dBuV/1 34.05 | g Antenna n dB 25,94 | Cable dB 5.32 | Preamp dB 36,42 | dBuV/ 28.89 | l Limit m dBuV/m 74.00 | limi -45.1 | lt 11 Peak 94 Peak 90 Peak |
| | 1 2 3 | Frequency MHz 1270.33 3184.25 4895.97 | dBuV/i 34.05 32.47 30.31 | g Antenna n dB 25.94 28.93 31.40 | Cable dB 5.32 8.71 11.50 13.68 | Preamp dB 36.42 37.05 35.21 | dBuV/ 28.89 33.06 38.00 | l Limit m dBuV/m 74.00 74.00 74.00 74.00 | limi -45.1 -40.9 -36.0 -29.5 | t 1 Peak 04 Peak 00 Peak |
| | 1 2 3 | Frequency MHz 1270.33 3184.25 4895.97 6678.99 | dBuV/i 34.05 32.47 30.31 | g Antenna n dB 25.94 28.93 31.40 34.30 | Cable dB 5.32 8.71 11.50 13.68 | Preamp dB 36.42 37.05 35.21 34.50 | dBuV/ 28.89 33.06 38.00 | 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 74.00 | limi -45.1 -40.9 -36.0 -29.5 | t 11 Peak 94 Peak 90 Peak 99 Peak |
| | 1 2 3 | Frequency MHz 1270.33 3184.25 4895.97 6678.99 | dBuV/i 34.05 32.47 30.31 30.93 Readin | g Antenna dB 25.94 28.93 31.40 34.30 Test channe g Antenna | Cable dB 5.32 8.71 11.50 13.68 | Preamp dB 36.42 37.05 35.21 34.50 | dBuV/ 28.89 33.06 38.00 | 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 74.00 | limi -45.1 -40.9 -36.0 -29.5 | t 1 Peak 24 Peak 29 Peak 39 Peak Vertical |
| | 1 2 3 4 | Frequency MHz 1270.33 3184.25 4895.97 6678.99 802.11g | dBuV/i 34.05 32.47 30.31 30.93 | g Antenna dB 25.94 28.93 31.40 34.30 Test channe g Antenna | Cable dB 5.32 8.71 11.50 13.68 | Preamp dB 36.42 37.05 35.21 34.50 | dBuV/ 28.89 33.06 38.00 44.41 | 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity 1 Limit | limi -45.1 -40.9 -36.0 -29.5 | t 1 Peak 24 Peak 20 Peak 39 Peak Vertical Remark |
| | 1 2 3 4 | Frequency MHz 1270.33 3184.25 4895.97 6678.99 802.11g Frequency | dBuV/i 34.05 32.47 30.31 30.93 Readin | g Antenna dB 25.94 28.93 31.40 34.30 Test channe g Antenna | Cable dB 5.32 8.71 11.50 13.68 Cable | Preamp dB 36.42 37.05 35.21 34.50 CH11 Preamp | dBuV/ 28.89 33.06 38.00 44.41 Leve | 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity 1 Limit | limi -45.1 -40.9 -36.0 -29.5 | t 1 Peak 24 Peak 20 Peak 39 Peak Vertical Remark t |
| | 1 2 3 4 Mark | Frequency MHz 1270.33 3184.25 4895.97 6678.99 802.11g Frequency MHz | dBuV/1 34.05 32.47 30.31 30.93 Readin dBuV/1 | g Antenna dB 25.94 28.93 31.40 34.30 Test channe g Antenna n dB 25.63 | Cable dB 5.32 8.71 11.50 13.68 Cable dB | Preamp dB 36.42 37.05 35.21 34.50 CH11 Preamp dB | dBuV/ 28.89 33.06 38.00 44.41 Leve dBuV/ | 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m | limi -45.1 -40.9 -36.0 -29.5 Over limi | t 1 Peak 24 Peak 29 Peak 59 Peak Vertical Remark t 8 Peak |
| Туре | 1 2 3 4 Mark | Frequency MHz 1270.33 3184.25 4895.97 6678.99 802.11g Frequency MHz 1204.21 | dBuV/1 34.05 32.47 30.31 30.93 Readin dBuV/1 34.63 | g Antenna n dB 25.94 28.93 31.40 34.30 Test channe g Antenna n dB | Cable dB 5.32 8.71 11.50 13.68 Cable dB 5.10 | Preamp dB 36.42 37.05 35.21 34.50 CH11 Preamp dB 36.64 | dBuV/ 28.89 33.06 38.00 44.41 Leve dBuV/ 28.72 | 1 Limit m dBuV/m 74.00 74.00 74.00 74.00 Polarity 1 Limit m dBuV/m 74.00 | limi -45.1 -40.9 -36.0 -29.5 Over limi -45.2 -40.4 | t 1 Peak 24 Peak 29 Peak 59 Peak Vertical Remark t 8 Peak |

| Туре | | 802.11n(F | HT20) | Test channe | I C | H01 | | Polarity | I | Horizontal |
|------|--------------|-----------------------------|--------------------------|-------------|---------------------|-----------------------|-------------------------|----------|---------------|----------------|
| | Mark 1 | Frequency MHz 1371.15 | Readir dBuV/ 34.02 | | Cable dB 5.51 | Preamp dB 36.47 | Leve dBuV/r 29.27 | m dBuV/m | Over limit | Remark Peak |
| | 2 | 3644.18 | 33.30 | 29.40 | 9.96 | 37.01 | 35.65 | 74.00 | -38.35 | 6 Peak |
| | з | 4883.52 | 30.52 | 31.40 | 11.50 | 35.18 | 38.24 | 74.00 | -35.76 | 6 Peak |
| | 4 | 5776.92 | 31.06 | 31.95 | 12.32 | 34.87 | 40.46 | 74.00 | -33.54 | l Peak |
| Туре | | 802.11n(H | HT20) | Test channe | I C | H01 | | Polarity | ' | /ertical |
| | Mark | Frequency | | | | Preamp | Leve | l Limit | Over | Remark |
| | | MHz | dBuV/ | | dB | dB | dBuV/1 | | limit | |
| | 1 | 1306.41 | 34.34 | 26.04 | 5.43 | 36.31 | 29.50 | | | 0 Peak |
| | 2 | 3579.82 | 32.14 | | 9.98 | | 34.60 | | | 8 Peak |
| | З | 4834.05 | 30.77 | | 11.51 | 35.20 | 38.48 | | | 2 Peak |
| | 4 | 5925.86 | 30.82 | 32.35 | 12.61 | 35.04 | 40.74 | 74.00 | -33.20 | 5 Peak |
| Туре | | 802.11n(H | HT20) | Test channe | I C | H06 | | Polarity | ł | Horizontal |
| | Mark | Frequency | Readir | ig Antenna | Cable | Preamp | Leve | l Limit | Over | Remark |
| | | MHz | dBuV/ | | dB | dB | dBuV/ | m dBuV/m | limi | t |
| | 1 | 1296.47 | 33.96 | 25,99 | 5.41 | 36.30 | 29.06 | 74.00 | -44.9 | 4 Peak |
| | 2 | 3168.08 | 32.67 | 28.96 | 8.70 | 37.12 | 33.21 | 74.00 | -40.7 | 9 Peak |
| | З | 4299.89 | 30.51 | 30.30 | 10.75 | 36.09 | 35.47 | 74.00 | -38.5 | 3 Peak |
| | 4 | 5617.41 | 31.45 | 31.90 | 12.46 | 35.04 | 40.77 | 74.00 | -33.2 | 3 Peak |
| Туре | | 802.11n(H | HT20) | Test channe | I C | H06 | | Polarity | ١ | /ertical |
| | Mark | Frequency | Readin | g Antenna | Cable | Preamp | Leve | l Limit | Over | Remark |
| | THAT IS | MHz | dBuV/ | | dB | dB | dBuV/r | | limit | |
| | 1 | 1270.33 | 33.86 | 25.94 | 5.32 | 36.42 | 28.70 | | | Peak |
| | 2 | 3160.03 | 32.44 | | 8.69 | 37.15 | 32.96 | | | Peak |
| | з | 4772.91 | 30.92 | | 11.41 | 35.41 | 38.32 | | -35.68 | 8 Peak |
| | 4 | 5747.59 | 30.56 | 31.90 | 12.38 | 34.85 | 39.99 | 74.00 | -34.01 | . Peak |
| Туре | | 802.11n(H | HT20) | Test channe | I C | H11 | | Polarity | I | Horizontal |
| | Mark | Frequency | Readin | g Antenna | Cable | Preamp | Level | l Limit | Over | Remark |
| | | MHz | dBuV/ | | dB | dB | dBuV/r | m dBuV/m | limit | |
| | 1 | 1257.47 | 34.15 | 25.92 | | 36.47 | 28.88 | | | 2 Peak |
| | 2 | 3498.74 | 33.35 | | 9.50 | | 35.33 | | | 7 Peak |
| | 3 | 4724.56 | 29.88 | | 11.22 | 35.63 | 36.87 | | | 8 Peak |
| | 4 | 6445.16 | 30.18 | 33.67 | 13.11 | 34.70 | 42.26 | 74.00 | -31.74 | Peak Peak |
| Туре | | 802.11n(H | HT20) | Test channe | I C | :H11 | | Polarity | ١ | /ertical |
| | Mark | Frequency | Readin | g Antenna | Cable | Preamp | Level | Limit | Over | Remark |
| | and a second | MHz | dBuV/ | • | dB | dB | dBuV/m | | limit | |
| | 1 | 1267.10 | 34.43 | 25.93 | 5.31 | 36,43 | 29.24 | | 44.76 | Peak |
| | 2 | 3184.25 | 31.87 | 28.93 | 8.71 | 37.05 | 32.46 | | 41.54 | |
| | з | 4310.85 | 31.36 | 30.34 | 10.74 | 36.12 | 36.32 | 74.00 - | 37.68 | Peak |
| | 4 | 5099.49 | 31.57 | 32.20 | | 35.48 | | 74.00 - | | Peak |

| Туре | | 802.11n(H | IT40) | Test channe | I C | H03 | | Polarity | ŀ | Horizontal |
|------|----------------|--|-----------------------------------|------------------------|-----------------------------|--------------------------------|-----------------------------------|--|-----------------------------------|--------------|
| | Mark 1 2 | Frequency MHz 1273.57 3151.99 | Readin dBuV/ 34.01 32.45 | m dB 25,95 29,00 | Cable dB 5.34 8.68 | Preamp dB 36.40 37.18 | Level dBuV/r 28.90 32.95 | n dBuV/m 74.00 7 <mark>4.00</mark> | Over limit -45.10 -41.05 | Peak Peak |
| | 3 | 4821.76 | 30.53 | 31.40 | 11.52 | 35.24 | 38.21 | 74.00 | | Peak |
| | 4 | 6267.19 | 30.36 | 32.93 | 13.32 | 34.58 | 42.03 | 74.00 | | Peak |
| Туре | | 802.11n(H | IT40) | Test channe | | H03 | | Polarity | ۱ | /ertical |
| | | | | | | | | | | |
| | Mark | Frequency | Readir dBuV/ | | Cable dB | Preamp dB | Leve dBuV/r | | Over limit | Remark |
| | 1 | MHz 1213.44 | 34.87 | 25.68 | 5.14 | 36.63 | 29.06 | 74.00 | -44.94 | |
| | 2 | 3463.29 | 33.18 | 28.95 | 9.38 | 36.56 | 34.95 | 74.00 | | Peak |
| | 3 | 4958.68 | 30.50 | 31.57 | 11.54 | 35.20 | 38.41 | 74.00 | | Peak |
| | 4 | 6347.47 | 30.66 | 33.09 | 13.35 | 34.61 | 42.49 | 74.00 | | Peak |
| Туре | | 802.11n(H | IT40) | Test channe | I C | H06 | | Polarity | ŀ | Iorizontal |
| | | | , | | | | | | | |
| | Mark | Frequency MHz | Readin dBuV/ | m dB | Cable dB | Preamp dB | Level dBuV/r | n dBuV/m | Over limit | |
| | 1 | 1247.90 | 33.80 | 25.89 | 5.25 | 36.51 | 28.43 | 74.00 | -45.57 | |
| | 2 | 3428.21 | 32.25 | 28.77 | 9.26 | 36.61 | 33.67 | 74.00 | -40.33 | |
| | 3 | 4664.81 6331.33 | 31.32 30.67 | 31.26 33.06 | 11.03 13.43 | 35.94 34.59 | 37.67 42.57 | 74.00 74.00 | | Peak Peak |
| Туре | | 802.11n(H | IT40) | Test channe | I C | H06 | | Polarity | \ | /ertical |
| | | | | | | | | | | |
| | Mark | Frequency MHz | Readi dBuV | | Cable dB | dB | Leve dBuV/ | m dBuV/m | Over limit | |
| | 1 | 1251.08 | 34.36 | 25.90 | 5.26 | 36.50 | 29.02 | 74.00 | -44,98 | |
| | 2 | 3176.16 | 33.06 | 28.95 | 8.70 | 37.09 | 33.62 | 74.00 | -40.38 | |
| | 3 | 4641.12 | 31.09 | 31.18 | 10.96 | 36.01 | 37.22 | 74.00 | -36.78 | |
| | 4 | 5747.59 | 31.18 | 31.90 | 12.38 | 34.85 | 40.61 | 74.00 | -33.39 | Peak |
| Туре | | 802.11n(H | IT40) | Test channe | I C | :H09 | | Polarity | ŀ | Horizontal |
| | Mark | Frequency | Readir | ng Antenna | Cable | Preamp | Leve | l Limit | Over | Remark |
| | | MHz | dBuV/ | | dB | dB | dBuV/ | | limit | |
| | 1 | 1247.90 | 33.90 | 25.89 | 5.25 | 36.51 | 28.53 | 74.00 | | Peak |
| | 2 | 3208.66 | 33.03 | 28.87 | 8.76 | 36.94 | 33.72 | 74.00 | -40.28 | 8 Peak |
| | З | 4871.10 | 31.08 | 31.40 | 11.51 | 35.16 | 38.83 | 74.00 | -35.17 | 7 Peak |
| | 4 | 6315.23 | 30.68 | 33.03 | 13.50 | 34.58 | 42.63 | 74.00 | -31.37 | Peak |
| Туре | | 802.11n(⊢ | IT40) | Test channe | I C | H09 | | Polarity | \ | /ertical |
| | Mark | Frequency MHz | Readin dBuV/ | | Cable dB | Preamp dB | Leve dBuV/ | | Over limi | Remark t |
| | 1 | 1210.36 | 34.25 | 25,66 | 5.13 | 36.63 | 28.41 | 74.00 | -45.5 | |
| | 2 | 3160.03 | 32.39 | 28.98 | 8.69 | 37.15 | 32.91 | 74.00 | -41.0 | 9 Peak |
| | з | 4821.76 | 30.36 | 31.40 | 11.52 | 35.24 | 38.04 | 74.00 | -35.9 | 6 Peak |
| | - | 6283.16 | | | | 34.57 | The second second | 74.00 | | 9 Peak |

6. TEST SETUP PHOTOS

Radiated Emission



7. EXTERANAL AND INTERNAL PHOTOS

Reference to the test report No. : CHTEW21010055.

8. APPENDIX REPORT