Variant FCC RF Test Report

APPLICANT : Symbol Technologies Inc

EQUIPMENT: Enterprise Digital Assistant (EDA)

BRAND NAME : Symbol MODEL NAME : MC55A0

FCC ID : H9PMC55A0

STANDARD : FCC Part 15 Subpart E §15.407

CLASSIFICATION: (NII) Unlicensed National Information Infrastructure

This is a variant report which is only valid together with the original test report. The product was received on Jun. 18, 2015 and testing was completed on Oct. 05, 2015. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager

SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.

SPORTON INTERNATIONAL INC.

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REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION | ISSUED DATE |
|--------------|---------|-------------------------------------|---------------|
| FR0O0411-11A | Rev. 01 | Updating the standard FCC new rule. | Oct. 23, 2015 |
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SUMMARY OF TEST RESULT

| Report Section | FCC Rule | Description | Limit | Result | Remark |
|-------------------|-----------------------|---|---|--------|---|
| 3.1 | 2.1049 15.403(i) | 26dB Bandwidth | - | Pass | - |
| 3.2 | 15.407(a) | Maximum Conducted Output Power | ≤ 24 dBm (depend on band) | Pass | - |
| 3.3 | 15.407(a) | Power Spectral Density | ≤ 11 dBm (depend on band) | Pass | - |
| 3.4 | 15.407(b) | Unwanted Emissions | ≤ -17, -27 dBm (depend on band)&15.209(a) | Pass | Under limit 4.11 dB at 76.170 MHz |
| 3.5 | 15.407(g) | Frequency Stability | Within Operation Band | Pass | • |
| 3.6 | 15.407(c) | Automatically Discontinue Transmission | Discontinue Transmission | Pass | - |
| 3.7 | 15.203 & 15.407(a) | Antenna Requirement | N/A | Pass | - |

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1 General Description

1.1 Applicant

Symbol Technologies Inc

1 Zebra Plaza, Holtsville, NY 11742

1.2 Manufacturer

Zebra Technologies Corporation

1 Zebra Plaza, Holtsville, NY 11742

1.3 Feature of Equipment Under Test

| Product Feature & Specification | | | | | |
|---------------------------------|------------------------------------|--|--|--|--|
| Equipment | Enterprise Digital Assistant (EDA) | | | | |
| Brand Name | Symbol | | | | |
| Model Name | MC55A0 | | | | |
| FCC ID | H9PMC55A0 | | | | |
| EUT supports Radios application | WLAN 11a/b/g | | | | |
| EOT Supports Radios application | Bluetooth v2.1 EDR | | | | |
| HW Version | MV | | | | |
| SW Version | 03.47.0004 | | | | |
| FW Version | 05.02.29217 | | | | |
| Fusion Version | 3.00.2.0.031R | | | | |
| EUT Stage | Identical Prototype | | | | |

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Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

| Product Specification subjective to this standard | | | | | |
|---|------------------------------------|--|--|--|--|
| | 5180 MHz ~ 5240 MHz | | | | |
| Tx/Rx Frequency Range | 5260 MHz ~ 5320 MHz | | | | |
| TATAX Frequency Range | 5500 MHz ~ 5580 MHz | | | | |
| | 5660 MHz ~ 5700 MHz | | | | |
| Maximum Output Power to Antenna | 802.11a: 14.22 dBm / 0.0264 W | | | | |
| Antenna Type | PIFA Antenna with gain 2.94 dBi | | | | |
| Type of Modulation | OFDM (BPSK / QPSK / 16QAM / 64QAM) | | | | |

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1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190) and the FCC designation No. TW1022 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

| Test Site | SPORTON INTERNATIONAL INC. | | | | |
|--------------------|---|-----------|--|--|--|
| | No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park, | | | | |
| Took Cita Lagation | Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C. | | | | |
| Test Site Location | TEL: +886-3-327-3456 | | | | |
| | FAX: +886-3-328-4978 | | | | |
| Took Site No. | Sporton | Site No. | | | |
| Test Site No. | TH02-HY | 03CH07-HY | | | |

Note: The test site complies with ANSI C63.4 2009 requirement.

1.7 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v01
- ANSI C63.10-2009

Remark:

- All test items were verified and recorded according to the standards and without any deviation during the test.
- FCC permits the use of the 1.5 meter table as an alternative in C63.10-2013 through inquiry tracking number 961829.

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2 Test Configuration of Equipment Under Test

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiated emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

The final configuration from all the combinations and the worst-case data rates were investigated by measuring the maximum power across all the data rates and modulation modes under section 2.2.

Based on the worst configuration found above, the RF power setting is set individually to meet FCC compliance limit for the final conducted and radiated tests shown in section 2.3.

2.1 Carrier Frequency Channel

| Frequency Band | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|----------------|---------|----------------|---------|----------------|
| 5150-5250 MHz | 36 | 5180 | 44 | 5220 |
| Band 1 | 38 | 5190 | 46 | 5230 |
| (U-NII-1) | 40 | 5200 | 48 | 5240 |

| Frequency Band | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|----------------|---------|----------------|---------|----------------|
| 5250-5350 MHz | 52 | 5260 | 60 | 5300 |
| Band 2 | 54 | 5270 | 62 | 5310 |
| (U-NII-2A) | 56 | 5280 | 64 | 5320 |

| Frequency Band | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|--------------------------------|---------|----------------|---------|----------------|
| | 100 | 5500 | 116 | 5580 |
| 5470-5600 MHz | 102 | 5510 | 132 | 5660 |
| and 5650-5725 MHz Band 3 | 104 | 5520 | 134 | 5670 |
| | 108 | 5540 | 136 | 5680 |
| (U-NII-2C) | 110 | 5550 | 140 | 5700 |
| , , | 112 | 5560 | | |

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2.2 Pre-Scanned RF Power

Preliminary tests were performed in different data rate and data rate associated with the highest power were chosen for full test in the following tables. Final Output Power equals to Measured Output Power adds the duty factor.

| 5GHz 802.11a mode | | | | | | | | | |
|-------------------|-----------|--------------------|--------|---------|---------|----------|---------|---------|---------|
| 01 | Frequency | | | | Data Ra | te (MHz) | | | |
| Channel | | 6M bps | 9M bps | 12M bps | 18M bps | 24M bps | 36M bps | 48M bps | 54M bps |
| CH 36 | 5180 MHz | 12.64 | 12.08 | 12.43 | 12.12 | 12.00 | 12.17 | 11.91 | 11.82 |
| CH 44 | 5220 MHz | <mark>14.22</mark> | 14.13 | 13.93 | 13.65 | 13.39 | 13.36 | 13.44 | 13.30 |
| CH 48 | 5240 MHz | 13.19 | 12.99 | 12.99 | 13.03 | 12.45 | 12.14 | 12.15 | 12.08 |

2.3 Test Mode

Final test mode of conducted test items and radiated spurious emissions are considering the modulation and worse data rates from the power table described in section 2.2.

| Modulation | Data Rate |
|------------|-----------|
| 802.11a | 6 Mbps |

Remark: For radiated spurious emissions, the test was performed with adapter, battery 1 (3600mAh), and USB cable.

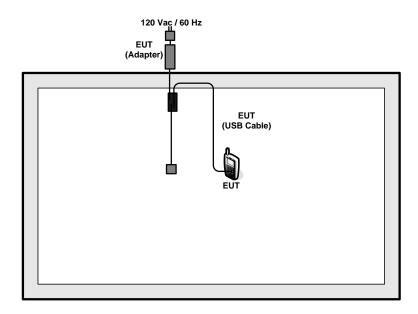
| Ch. # | | Band I:5150-5250 MHz |
|-------|--------|----------------------|
| | | 802.11a |
| L | Low | 36 |
| М | Middle | 44 |
| Н | High | 48 |

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2.4 Connection Diagram of Test System



2.5 EUT Operation Test Setup

The programmed RF utility "CEcTxRx Tool", is installed in EUT to provide channel selection, power level, data rate and the application type. RF Utility can send transmitting signal for all testing. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

 $Offset(dB) = RF \ cable \ loss(dB) + attenuator \ factor(dB).$

= 4.2 + 10 = 14.2 (dB)

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3 Test Result

3.1 26dB Bandwidth Measurement

3.1.1 Description of 26dB Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

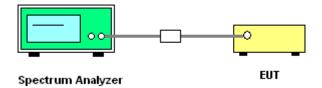
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

- The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.
 Section C) Emission bandwidth
- 2. Set RBW = approximately 1% of the emission bandwidth.
- 3. Set the VBW > RBW.
- 4. Detector = Peak.
- 5. Trace mode = max hold
- 6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
- 7. Measure and record the results in the test report.

3.1.4 Test Setup



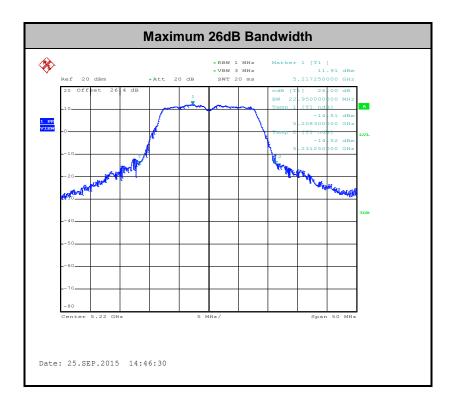
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3.1.5 Test Result of 26dB Bandwidth Plots

Please refer to Appendix A.



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3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

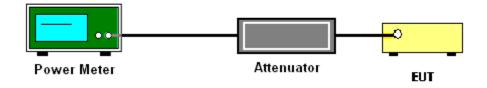
3.2.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

Method PM (Measurement using an RF average power meter):

- 1. Measurement is performed using a wideband RF power meter.
- 2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
- 3. Measure the average power of the transmitter, and the average power is corrected with duty factor, $10 \log(1/x)$, where x is the duty cycle.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

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3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01. Section F) Maximum power spectral density.

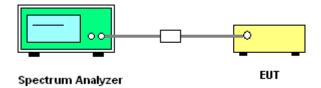
Method SA-2

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- The testing follows Method SA-2 of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.
 - Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW ≥ 3 MHz.
 - Number of points in sweep ≥ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.
- 2. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
- 3. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

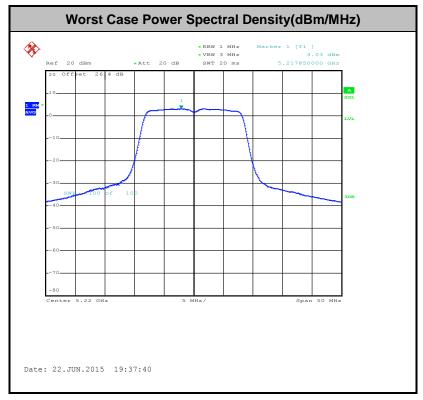
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3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



Note: Average Power Density (dB) = Measured value+ Duty Factor

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3.4 Unwanted Radiated Emission Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part15.205.

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of –27dBm/MHz.
- (2) Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table,

| Frequency | Field Strength | Measurement Distance | |
|---------------|--------------------|----------------------|--|
| (MHz) | (microvolts/meter) | (meters) | |
| 0.009 - 0.490 | 2400/F(kHz) | 300 | |
| 0.490 – 1.705 | 24000/F(kHz) | 30 | |
| 1.705 – 30.0 | 30 | 30 | |
| 30 – 88 | 100 | 3 | |
| 88 – 216 | 150 | 3 | |
| 216 - 960 | 200 | 3 | |
| Above 960 | 500 | 3 | |

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3}$$
 µV/m, where P is the eirp (Watts)

| EIRP (dBm) | Field Strength at 3m (dBµV/m) |
|------------|-------------------------------|
| -17 | 78.3 |
| - 27 | 68.3 |

(3) KDB789033 v01 G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

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3.4.3 Test Procedures

- The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW ≥ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

| Band | Duty Cycle(%) | T(µs) | 1/T(kHz) | VBW Setting |
|---------|---------------|-------|----------|-------------|
| 802.11a | 98.26 | - | - | 10Hz |

- The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
- The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.

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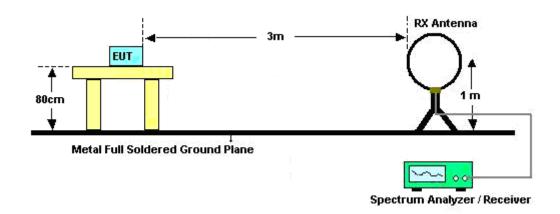
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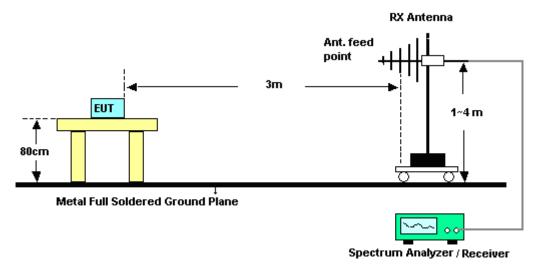
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

For radiated emissions below 30MHz



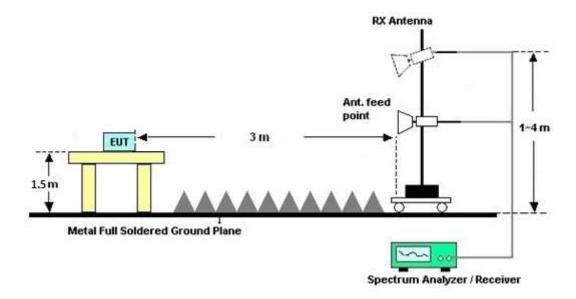
For radiated emissions from 30MHz to 1GHz



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For radiated emissions above 1GHz



3.4.5 Test Results of Radiated Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix B.

3.4.7 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix B.

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3.5 Frequency Stability Measurement

3.5.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

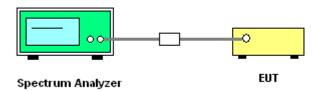
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

- To ensure emission at the band edge is maintained within the authorized band, those values shall
 be measured by radiation emissions at upper and lower frequency points, and finally
 compensated by frequency deviation as procedures below.
- 2. The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.
- The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

3.5.4 Test Setup



3.5.5 Test Result of Frequency Stability

Please refer to Appendix A.

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3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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3.7 Antenna Requirements

3.7.1 Standard Applicable

According to FCC 47 CFR Section 15.407(a)(1)(2) ,if transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna gain is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

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4 List of Measuring Equipments

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|----------------------|--------------------|----------------------------|-----------------|-----------------|---------------------|----------------------------------|---------------|--------------------------|
| Power Meter | Anritsu | ML2495A | 1036004 | 300MHz~40GHz | Aug. 09, 2014 | Jun. 22, 2015 ~ Jul. 28, 2015 | Aug. 08, 2015 | Conducted (TH02-HY) |
| Power Meter | Anritsu | ML2495A | 1036004 | 300MHz~40GHz | Jul. 29, 2015 | Jul. 29, 2015 ~ Sep. 30, 2015 | Jul. 28, 2016 | Conducted (TH02-HY) |
| Power Sensor | Anritsu | MA2411B | 1027253 | 300MHz~40GHz | Aug. 11, 2014 | Jun. 22, 2015 ~ Jul. 28, 2015 | Aug. 10, 2015 | Conducted (TH02-HY) |
| Power Sensor | Anritsu | MA2411B | 1027253 | 300MHz~40GHz | Jul. 29, 2015 | Jul. 29, 2015 ~ Sep. 30, 2015 | Jul. 28, 2016 | Conducted (TH02-HY) |
| Spectrum Analyzer | Rohde & Schwarz | FSP40 | 100055 | 9kHz~40GHz | Jun. 18, 2015 | Jun. 22, 2015 ~ Sep. 30, 2015 | Jun. 17, 2016 | Conducted (TH02-HY) |
| Horn Antenna | SCHWARZBE CK | BBHA 9170 | BBHA917058 4 | 18GHz- 40GHz | Nov. 03, 2014 | Oct. 02, 2015~ Oct. 05, 2015 | Nov. 02, 2015 | Radiation (03CH07-HY) |
| Loop Antenna | TESEQ | HLA 6120 | 31244 | 9kHZ~30MHz | Feb. 02, 2015 | Oct. 02, 2015~ Oct. 05, 2015 | Feb. 01, 2016 | Radiation (03CH07-HY) |
| Amplifier | SONOMA | 310N | 187312 | 9kHz~1GHz | Nov. 24, 2014 | Oct. 02, 2015~ Oct. 05, 2015 | Nov. 23, 2015 | Radiation (03CH07-HY) |
| Bilog Antenna | TESEQ | CBL 6111D | 35414 | 30MHz~1GHz | Oct. 24, 2014 | Oct. 02, 2015~ Oct. 05, 2015 | Oct. 23, 2015 | Radiation (03CH07-HY) |
| Horn Antenna | SCHWARZBE CK | BBHA 9120 D | 9120D-1241 | 1GHz ~ 18GHz | Apr. 22, 2015 | Oct. 02, 2015~ Oct. 05, 2015 | Apr. 21, 2016 | Radiation (03CH07-HY) |
| Preamplifier | Keysight | 83017A | MY53270080 | 1GHz~26.5GHz | Nov. 20, 2014 | Oct. 02, 2015~ Oct. 05, 2015 | Nov. 19, 2015 | Radiation (03CH07-HY) |
| Preamplifier | MITEQ | AMF-7D-0010 1800-30-10P | 1902247 | 1GHz~18GHz | Jul. 01, 2015 | Oct. 02, 2015~ Oct. 05, 2015 | Jun. 30, 2016 | Radiation (03CH07-HY) |
| Spectrum Analyzer | Keysight | N9010A | MY54200485 | 10Hz ~ 44GHZ | Sep. 24, 2015 | Oct. 02, 2015~ Oct. 05, 2015 | Sep. 23, 2016 | Radiation (03CH07-HY) |
| Antenna Mast | EMEC | AM-BS-4500-B | N/A | 1~4m | N/A | Oct. 02, 2015~ Oct. 05, 2015 | N/A | Radiation (03CH07-HY) |
| Turn Table | EMEC | TT 2000 | N/A | 0-360 degree | N/A | Oct. 02, 2015~ Oct. 05, 2015 | N/A | Radiation (03CH07-HY) |

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5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| | <u> </u> |
|--------------------------------------|----------|
| Measuring Uncertainty for a Level of | 4.0 |
| Confidence of 95% (U = 2Uc(y)) | 4.0 |

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Appendix A. Conducted Test Results

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