FCC Test Report

Report No.: AGC04999161101FE03

FCC ID : 2ADM5-SS27BTAT

APPLICATION PURPOSE : Original Equipment

PRODUCT DESIGNATION: Bluetooth Converter

BRAND NAME : Vivitar

MODEL NAME : SS27-BTA-T

CLIENT : Zeeva International Limited

DATE OF ISSUE : Nov.25, 2016

STANDARD(S)

TEST PROCEDURE(S) : FCC Part 15 Rules

REPORT VERSION: V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

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Page 2 of 55

Report Revise Record

| Report Version | Revise Time | Issued Date | Valid Version | Notes |
|----------------|-------------|--------------|---------------|-----------------|
| V1.0 | / | Nov.25, 2016 | Valid | Original Report |

TABLE OF CONTENTS

| 1. VERIFICATION OF CONFORMITY | 4 |
|-------------------------------------------------------------|----|
| 2. GENERAL INFORMATION | 5 |
| 2.1. PRODUCT DESCRIPTION | 5 |
| 2.2. TABLE OF CARRIER FREQUENCYS | 5 |
| 3. MEASUREMENT UNCERTAINTY | 6 |
| 4. DESCRIPTION OF TEST MODES | 6 |
| 5. SYSTEM TEST CONFIGURATION | 8 |
| 5.1. CONFIGURATION OF EUT SYSTEM | 8 |
| 5.2. EQUIPMENT USED IN EUT SYSTEM | 8 |
| 5.3. SUMMARY OF TEST RESULTS | 8 |
| 6. TEST FACILITY | 9 |
| TEST METHODOLOGY | 9 |
| 7. ALL TEST EQUIPMENT LIST | 9 |
| 8. RADIATED EMISSION | 11 |
| 8.1TEST LIMIT | 11 |
| 8.2. MEASUREMENT PROCEDURE | 12 |
| 8.3. TEST SETUP | 14 |
| 8.4. TEST RESULT | 16 |
| 9. BAND EDGE EMISSION | 32 |
| 9.1. MEASUREMENT PROCEDURE | 32 |
| 9.2 TEST SETUP | 32 |
| 9.3 RADIATED TEST RESULT | 33 |
| 10. 20DB BANDWIDTH | 37 |
| 10.1. MEASUREMENT PROCEDURE | 37 |
| 10.2. TEST SET-UP | 37 |
| 10.3. LIMITS AND MEASUREMENT RESULTS | 37 |
| 11. FCC LINE CONDUCTED EMISSION TEST | 44 |
| 11.1. LIMITS OF LINE CONDUCTED EMISSION TEST | 44 |
| 11.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST | 44 |
| 11.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST | 45 |
| 11.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST | 45 |
| 11.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST | 45 |
| APPENDIX A: PHOTOGRAPHS OF TEST SETUP | 46 |
| APPENDIX B: PHOTOGRAPHS OF EUT | 48 |

Page 4 of 55

1. VERIFICATION OF CONFORMITY

| Applicant | Zeeva International Limited |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Address | Suite 1007B,10th Floor, Exchange Tower 33 Wang Chiu Road, Kowloon Bay, HongKong,China |
| Manufacturer | Zeeva International Limited |
| Address Suite 1007B,10th Floor, Exchange Tower 33 Wang Chiu Road, Kowloor HongKong,China | |
| Product Designation | Bluetooth Converter |
| Brand Name | Vivitar |
| Test Model | SS27-BTA-T |
| Date of test | Nov.19, 2016 to Nov.22, 2016 |
| Deviation | None |
| Condition of Test Sample | Normal |
| Report Template | AGCRT-US-BR/RF |

We hereby certify that:

The above equipment was tested by Dongguan Precise Testing Service Co., Ltd. The test data, the energy emitted by the sample tested as described in this report is in compliance with the requirements of FCC Rules Part 15.249.

| Tested By | fime thang | |
|-------------|-----------------------------------------------|--------------|
| • | Time Huang(Huang Nanhui) | Nov.22, 2016 |
| Reviewed By | Lowery cen | |
| | Forrest Lei(Lei Yonggang) | Nov.25, 2016 |
| Approved By | Solya Zhong | |
| | Solger Zhang(Zhang Hongyi) Authorized Officer | Nov.25, 2016 |

Page 5 of 55

2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

| Operation Frequency | 2.402 GHz to 2.480GHz | | |
|---------------------|----------------------------------------------------|--|--|
| RF Output Power | -2.73dBm (Max EIRP Power=Max radiation field-95.2) | | |
| Bluetooth Version | V4.2 | | |
| Modulation | GFSK, π /4-DQPSK, 8DPSK | | |
| Number of channels | 79 | | |
| Hardware Version | V1.3 | | |
| Software Version | V022 | | |
| Antenna Designation | PCB Antenna | | |
| Antenna Gain | 0dBi | | |
| Power Supply | DC 3.7V by battery | | |
| | | | |

Note:

- 1. The USB port only be used for charging and can't be used to transfer data with PC.
- 2. The BT function of EUT didn't work when charging.
- 3. The EUT didn't support BLE.
- 4. The EUT has three kinds of color samples, including silver, black and white.

2.2. TABLE OF CARRIER FREQUENCYS

BR/EDR channel List

| Frequency Band | Channel Number | Frequency | | |
|----------------|----------------|-----------|--|--|
| | 0 | 2402MHZ | | |
| | 1 | 2403MHZ | | |
| | : | : | | |
| | 38 | 2440 MHZ | | |
| 2400~2483.5MHZ | 39 | 2441 MHZ | | |
| | 40 | 2442 MHZ | | |
| | : | : | | |
| | 77 | 2479 MHZ | | |
| | 78 | 2480 MHZ | | |

Page 6 of 55

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 % \circ

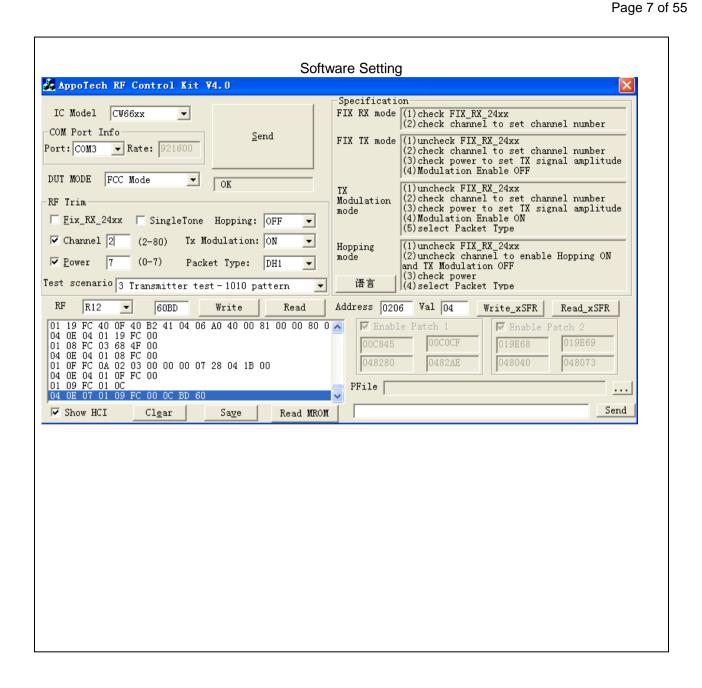
| No. | Item | Uncertainty |
|-----|-------------------------|-------------|
| 1 | Conducted Emission Test | ±3.18dB |
| 2 | All emissions, adiated | ±3.91dB |
| 3 | Temperature | ±0.5°C |
| 4 | Humidity | ±2% |

4. DESCRIPTION OF TEST MODES

| NO. | TEST MODE DESCRIPTION |
|-----|------------------------------|
| 1 | Low channel TX(GFSK) |
| 2 | Middle channel TX (GFSK) |
| 3 | High channel TX (GFSK) |
| 4 | Low channel TX(π/4-DQPSK) |
| 5 | Middle channel TX(π/4-DQPSK) |
| 6 | High channel TX (π/4-DQPSK) |
| 7 | Low channel TX(8DPSK) |
| 8 | Middle channel TX (8DPSK) |
| 9 | High channel TX (8DPSK) |
| 10 | BT Link |

Note:

- 1. All the test modes can be supply by battery, only the result of the worst case was recorded in the report, if no other cases.
- 2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.
- 3. The EUT used fully-charged battery when tested.

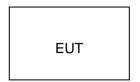


Page 8 of 55

5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM

Configure 1: (Normal hopping)



Configure 2: (Control continuous TX)



5.2. EQUIPMENT USED IN EUT SYSTEM

| ITEM | EQUIPMENT | MFR/BRAND | MODEL/TYPE NO. | REMARK |
|------|---------------------|-----------|----------------|-----------|
| 1 | Bluetooth Converter | Vivitar | SS27-BTA-T | EUT |
| 2 | Battery | Zeeva | 401120 | Accessory |
| 3 | PC | SONY | E1412AYCW | A.E |
| 4 | Control box | DOFLY | LY-USB-TTL | A.E |

5.3. SUMMARY OF TEST RESULTS

| FCC RULES | DESCRIPTION OF TEST | RESULT |
|-----------|---------------------|-----------|
| §15.249 | Radiated Emission | Compliant |
| §15.249 | Band Edges | Compliant |
| §15.207 | Conduction Emission | N/A |
| §15.215 | Bandwidth | Compliant |

Note: N/A means it's not applicable to this item.

Page 9 of 55

6. TEST FACILITY

| Site Dongguan Precise Testing Service Co., Ltd. | |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Location Building D,Baoding Technology Park,Guangming Road2,Dongcheng District, Dongguan, Guangdong, China, | |
| FCC Registration No. | 371540 |
| Description | The test site is constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2014. |

TEST METHODOLOGY

All measurements contained in this report were conducted with ANSI C63.10-2013

7. ALL TEST EQUIPMENT LIST

FOR RADIATED EMISSION TEST (BELOW 1GHZ)

| Radiated Emission Test Site | | | | | | | |
|----------------------------------------|------------------------|--------------|------------------|------------------|--------------------|--|--|
| Name of Equipment | Manufacturer | Model Number | Serial Number | Last Calibration | Due Calibration | | |
| EMI Test Receiver | ROHDE & SCHWARZBECK | ESCI | 101417 | July 4, 2016 | July 3, 2017 | | |
| Trilog Broadband Antenna (25M-1GHz) | SCHWARZBECK | VULB9160 | 9160-3355 | July 4, 2016 | July 3, 2017 | | |
| Signal Amplifier | SCHWARZBECK | BBV 9475 | 9745-0013 | July 4, 2016 | July 3, 2017 | | |
| RF Cable | SCHWARZBECK | AK9515E | 96221 | July 4, 2016 | July 3, 2017 | | |
| 3m Anechoic Chamber | CHENGYU | 966 | PTS-001 | June 6, 2016 | June 5, 2017 | | |
| MULTI-DEVICE Positioning Controller | MAX-FULL | MF-7802 | MF780208339 | N/A | N/A | | |
| Active loop antenna (9K-30MHz) | SCHWARZBECK | FMZB1519 | 1519-038 | June 6, 2016 | June 5, 2017 | | |
| Spectrum analyzer | AGILENT | E4407B | MY46185649 | June 6, 2016 | June 5, 2017 | | |
| Radiation Cable 1 | MXT | RS1 | R005 | June 6, 2016 | June 5, 2017 | | |
| Radiation Cable 2 | MXT | RS1 | R006 | June 6, 2016 | June 5, 2017 | | |
| temporary antenna connector | ROHDE & SCHWARZBECK | S100 | | July 4, 2016 | July 3, 2017 | | |

Page 10 of 55

FOR RADIATED EMISSION TEST (1GHZ ABOVE)

| | Radiated Emission Test Site | | | | | | | | | | |
|----------------------------------------|-----------------------------|--------------------------------|-------------|------------------|--------------------|--|--|--|--|--|--|
| Name of Equipment | Manufacturer | rer Model Number Serial Number | | Last Calibration | Due Calibration | | | | | | |
| EMI Test Receiver | ROHDE & SCHWARZBECK | ESCI | 101417 | July 4, 2016 | July 3, 2017 | | | | | | |
| Horn Antenna (1G-18GHz) | SCHWARZBECK | BBHA9120D | 9120D-1246 | July 11, 2016 | July 10, 2017 | | | | | | |
| Spectrum Analyzer | AGILENT | E4411B | MY4511453 | July 4, 2016 | July 3, 2017 | | | | | | |
| Signal Amplifier | SCHWARZBECK | BBV 9718 | 9718-269 | July 7, 2016 | July 6, 2017 | | | | | | |
| RF Cable | SCHWARZBECK | AK9515H | 96220 | July 8, 2016 | July 7, 2017 | | | | | | |
| 3m Anechoic Chamber | CHENGYU | 966 | PTS-001 | June 6, 2016 | June 5, 2017 | | | | | | |
| MULTI-DEVICE Positioning Controller | MAX-FULL | MF-7802 | MF780208339 | N/A | N/A | | | | | | |
| Horn Ant (18G-40GHz) | SCHWARZBECK | BBHA 9170 | 9170-181 | June 6, 2016 | June 5, 2017 | | | | | | |
| Radiation Cable 1 | MXT | RS1 | R005 | June 6, 2016 | June 5, 2017 | | | | | | |
| Radiation Cable 2 | MXT | RS1 | R006 | June 6, 2016 | June 5, 2017 | | | | | | |

Page 11 of 55

8. RADIATED EMISSION

8.1TEST LIMIT

Standard FCC15.249

| Fundamental Frequency | Field Strength of Fundamental | Field Strength of Harmonics | | |
|-----------------------|-------------------------------|-----------------------------|--|--|
| | (millivolts/meter) | (microvolts/meter) | | |
| 900-928MHz | 50 | 500 | | |
| 2400-2483.5MHz | 50 | 500 | | |
| 5725-5875MHz | 50 | 500 | | |
| 24.0-24.25GHz | 250 | 2500 | | |

Standard FCC 15.209

| Frequency | Distance | Field Strengths Limit | | | | | |
|---------------|--------------|----------------------------|----------|--|--|--|--|
| (MHz) | (MHz) Meters | | dB(μV)/m | | | | |
| 0.009 ~ 0.490 | 300 | 2400/F(kHz) | | | | | |
| 0.490 ~ 1.705 | 30 | 24000/F(kHz) | | | | | |
| 1.705 ~ 30 | 30 | 30 | | | | | |
| 30 ~ 88 | 3 | 100 | 40.0 | | | | |
| 88 ~ 216 | 3 | 150 | 43.5 | | | | |
| 216 ~ 960 | 3 | 200 | 46.0 | | | | |
| 960 ~ 1000 | 3 | 500 | 54.0 | | | | |
| Above 1000 | 3 | Other:74.0 dB(µV)/m (Peak) | | | | | |
| | | 54.0 dB(µV)/m (Average) | | | | | |

Remark:

- (1) Emission level dB μ V = 20 log Emission level μ V/m
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

Page 12 of 55

8.2. MEASUREMENT PROCEDURE

1. The measuring distance of 3m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation(Below 1GHz)

- 2. The measuring distance of 3m shall used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation(Above 1GHz)
- 3. The height of the test antenna shall vary between 1m to 4m.Both horizontal and vertical polarization Of the antenna are set to make the measurement.
- 4. The initial step in collecting radiated emission data is a receive peak detector mode. Pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- 5. All readings are peak unless otherwise stated QP in column of Note. Peak denoted that the Peak reading compliance with the QP limits and then QP Mode measurement didn't perform(Below 1GHz)
- 6. All readings are Peak mode value unless otherwise stated AVG in column of Note. If the Peak mode measured value compliance with the Peak limits and lower than AVG Limits, the EUT shall be deemed to meet Peak & AVG limits and then only Peak mode was measured, but AVG mode didn't perform.(Above 1GHz)

Report No.: AGC04999161101FE03 Page 13 of 55

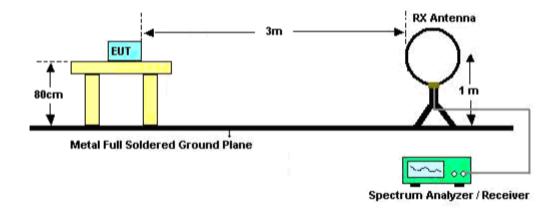
The following table is the setting of spectrum analyzer and receiver.

| Spectrum Parameter | Setting |
|-----------------------|-----------------------------------------------------------|
| Start ~Stop Frequency | 9KHz~150KHz/RB 200Hz for QP |
| Start ~Stop Frequency | 150KHz~30MHz/RB 9KHz for QP |
| Start ~Stop Frequency | 30MHz~1000MHz/RB 120KHz for QP |
| Start ~Stop Frequency | 1GHz~26.5GHz 1MHz/3MHz for Peak, 1MHz/10Hz for Average |
| Receiver Parameter | Setting |
| Start ~Stop Frequency | 9KHz~150KHz/RB 200Hz for QP |
| Start ~Stop Frequency | 150KHz~30MHz/RB 9KHz for QP |
| Start ~Stop Frequency | 30MHz~1000MHz/RB 120KHz for QP |

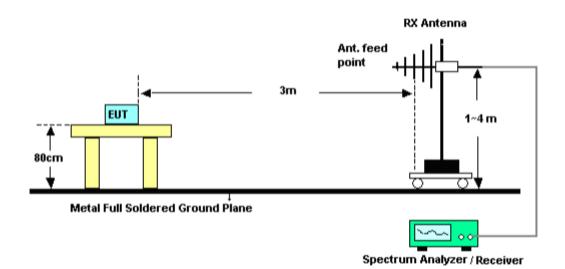
Report No.: AGC04999161101FE03 Page 14 of 55

8.3. TEST SETUP

Radiated Emission Test-Setup Frequency Below 30MHz

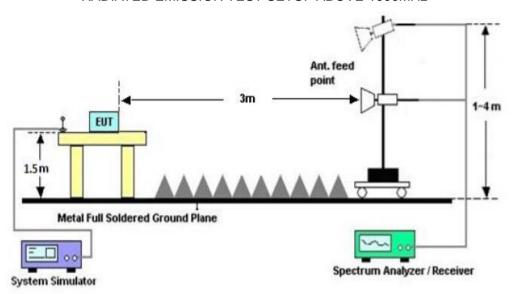


RADIATED EMISSION TEST SETUP 30MHz-1000MHz



Page 15 of 55

RADIATED EMISSION TEST SETUP ABOVE 1000MHz



Page 16 of 55

8.4. TEST RESULT

(Worst modulation: GFSK)

RADIATED EMISSION BELOW 30MHZ

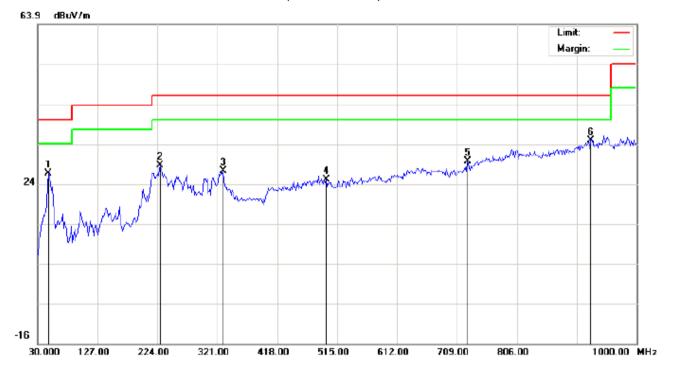
No emission found between lowest internal used/generated frequencies to 30MHz.

Temperature: 25.3

Page 17 of 55

RADIATED EMISSION BELOW 1GHZ

RADIATED EMISSION TEST- (30MHZ-1GHZ)-LOW CHANNEL-HORIZONTAL



Site: site #1

Limit: FCC Class B 3M Radiation

EUT:Bluetooth Converter

M/N:SS27-BTA-TA Mode:Low Channel TX

Note:

| Power: | Humidity: 55.2 % | |
|-----------|------------------|--|
| Distance: | | |

Distance:

Polarization: Horizontal

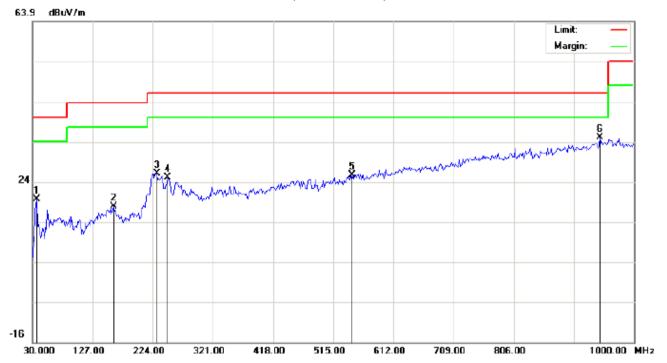
| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 47.7832 | 15.26 | 11.39 | 26.65 | 40.00 | -13.35 | peak | | | |
| 2 | | 228.8497 | 19.52 | 9.06 | 28.58 | 46.00 | -17.42 | peak | | | |
| 3 | | 330.6999 | 9.69 | 17.45 | 27.14 | 46.00 | -18.86 | peak | | | |
| 4 | | 497.2167 | 3.86 | 21.10 | 24.96 | 46.00 | -21.04 | peak | | | |
| 5 | | 726.7833 | 3.67 | 25.96 | 29.63 | 46.00 | -16.37 | peak | | | |
| 6 | * | 925.6331 | 5.57 | 29.32 | 34.89 | 46.00 | -11.11 | peak | | | |

Temperature: 25.3

Humidity: 55.2 %

Page 18 of 55

RADIATED EMISSION TEST- (30MHZ-1GHZ)-LOW CHANNEL -VERTICAL



Polarization:

46.00 |-20.00

-21.03

-20.33

-11.06

46.00

46.00

46.00

Power:

Distance:

Vertical

peak

peak

peak

peak

Site: site #1 Limit: FCC Class B 3M Radiation

EUT:Bluetooth Converter M/N:SS27-BTA-TA Mode:Low Channel TX

Freq.

MHz

36.4667

160.9499

230.4667

248.2500

545.7164

945.0333

Reading

dBu∀

15.24

2.47

14.01

11.24

3.31

5.08

Factor

dB/m

4.27

15.27

11.99

13.73

22.36

29.86

26.00

24.97

25.67

34.94

Note:

Mk No.

1

2

3

4

5

6

| Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-------------|--------|--------|----------|-------------------|-----------------|---------|
| dBu\//m | dBu√/m | dB | | cm | degree | |
| 19.51 | 40.00 | -20.49 | peak | | | |
| 17.74 | 43.50 | -25.76 | peak | | | |

RESULT: PASS

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. The "Factor" value can be calculated automatically by software of measurement system.

Page 19 of 55

RADIATED EMISSION TEST- (30MHZ-1GHZ)-MIDDLE CHANNEL-HORIZONTAL



Site: site #1 Limit: FCC Class B 3M Radiation

EUT:Bluetooth Converter

M/N:SS27-BTA-TA Mode:Middle Channel TX

Note:

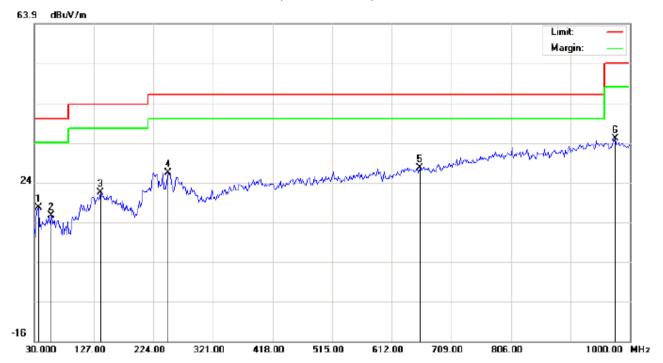
Polarization: *Horizontal* Temperature: 25.3 Power: Humidity: 55.2 %

Distance:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|--------|---------|
| | - | MHz | dBu∀ | dB/m | dBuV/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 59.1000 | 25.40 | 1.47 | 26.87 | 40.00 | -13.13 | peak | | | |
| 2 | | 104.3666 | 11.32 | 9.47 | 20.79 | 43.50 | -22.71 | peak | | | |
| 3 | | 222.3831 | 22.17 | 9.72 | 31.89 | 46.00 | -14.11 | peak | | | |
| 4 | | 330.6999 | 10.69 | 17.45 | 28.14 | 46.00 | -17.86 | peak | | | |
| 5 | | 629.7833 | 5.04 | 23.80 | 28.84 | 46.00 | -17.16 | peak | | | |
| 6 | * | 946.6499 | 6.57 | 29.91 | 36.48 | 46.00 | -9.52 | peak | | | |

Page 20 of 55

RADIATED EMISSION TEST- (30MHZ-1GHZ)-MIDDLE CHANNEL -VERTICAL



Site: site #1 Limit: FCC Class B 3M Radiation

EUT:Bluetooth Converter

M/N:SS27-BTA-TA Mode:Middle Channel TX

Note:

| Polarization: | vertical | Temperati | ire: 25.3 |
|---------------|----------|-----------|-----------|
| Power: | | Humidity: | 55.2 % |

Distance:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 36.4667 | 13.24 | 4.27 | 17.51 | 40.00 | -22.49 | peak | | | |
| 2 | | 57.4831 | 7.49 | 8.17 | 15.66 | 40.00 | -24.34 | peak | | | |
| 3 | | 138.3165 | 7.00 | 14.50 | 21.50 | 43.50 | -22.00 | peak | | | |
| 4 | | 248.2500 | 12.74 | 13.73 | 26.47 | 46.00 | -19.53 | peak | | | |
| 5 | * | 657.2667 | 3.57 | 24.04 | 27.61 | 46.00 | -18.39 | peak | | | |
| 6 | | 975.7500 | 5.27 | 29.75 | 35.02 | 54.00 | -18.98 | peak | | | |

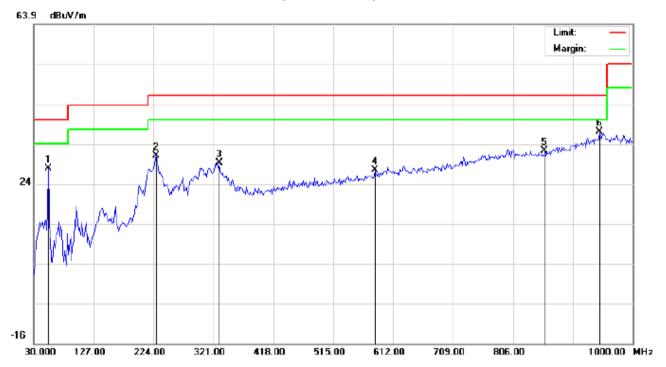
RESULT: PASS

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. The "Factor" value can be calculated automatically by software of measurement system.

Page 21 of 55

RADIATED EMISSION TEST- (30MHZ-1GHZ)-HIGH CHANNEL-HORIZONTAL



Site: site #1 Limit: FCC Class B 3M Radiation

EUT:Bluetooth Converter

M/N:SS27-BTA-TA Mode:High Channel TX

Note:

| Polarization: | Horizontai | remperature: 25.3 |
|---------------|------------|-------------------|
| Power: | | Humidity: 55.2 % |

Distance:

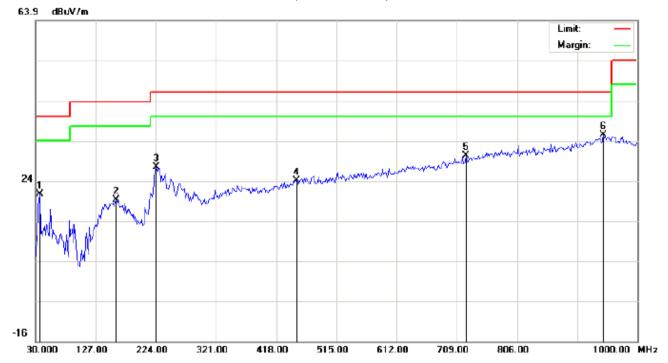
| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|--------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 54.2500 | 21.04 | 6.68 | 27.72 | 40.00 | -12.28 | peak | | | |
| 2 | | 228.8499 | 22.02 | 9.06 | 31.08 | 46.00 | -14.92 | peak | | | |
| 3 | | 330.6999 | 11.69 | 17.45 | 29.14 | 46.00 | -16.86 | peak | | | |
| 4 | | 582.8999 | 4.15 | 23.30 | 27.45 | 46.00 | -18.55 | peak | | | |
| 5 | | 857.7332 | 4.78 | 27.51 | 32.29 | 46.00 | -13.71 | peak | | | |
| 6 | * | 946.6499 | 7.07 | 29.91 | 36.98 | 46.00 | -9.02 | peak | | | |

Temperature: 25.3

Humidity: 55.2 %

Page 22 of 55

RADIATED EMISSION TEST- (30MHZ-1GHZ)-HIGH CHANNEL -VERTICAL



Site: site #1 Limit: FCC Class B 3M Radiation

EUT:Bluetooth Converter

M/N:SS27-BTA-TA Mode:High Channel TX

Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 36.4667 | 16.24 | 4.27 | 20.51 | 40.00 | -19.49 | peak | | | |
| 2 | | 159.3333 | 3.97 | 15.33 | 19.30 | 43.50 | -24.20 | peak | | | |
| 3 | | 224.0000 | 16.08 | 11.35 | 27.43 | 46.00 | -18.57 | peak | | | |
| 4 | | 450.3333 | 3.46 | 20.59 | 24.05 | 46.00 | -21.95 | peak | | | |
| 5 | | 723.5499 | 4.27 | 25.87 | 30.14 | 46.00 | -15.86 | peak | | | |
| 6 | * | 945.0333 | 5.58 | 29.86 | 35.44 | 46.00 | -10.56 | peak | | | |

Power:

Distance:

Polarization: Vertical

RESULT: PASS

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

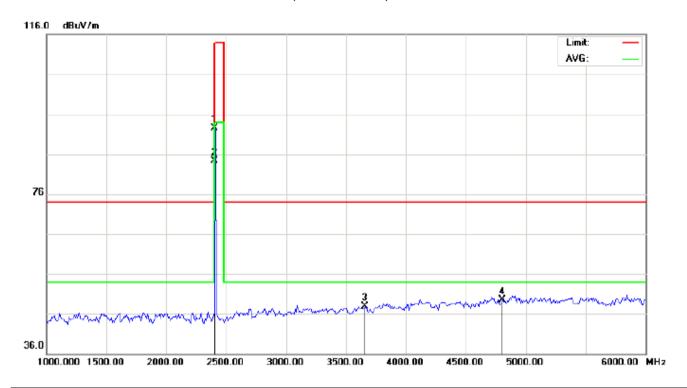
2. The "Factor" value can be calculated automatically by software of measurement system.

Page 23 of 55

RADIATED EMISSION ABOVE 1GHZ

(Worst modulation: GFSK)

RADIATED EMISSION TEST- (ABOVE 1GHZ)-LOW CHANNEL-HORIZONTAL



Site: site #1 Polarization: Horizontal Temperature: 22.7
Limit: FCC Class B 3M Radiation above 1GHZ(PK)- Power: Humidity: 53.6 %

EUT:Bluetooth Converter Distance:

M/N:SS27-BTA-TA Mode: Low Channel TX

Note:

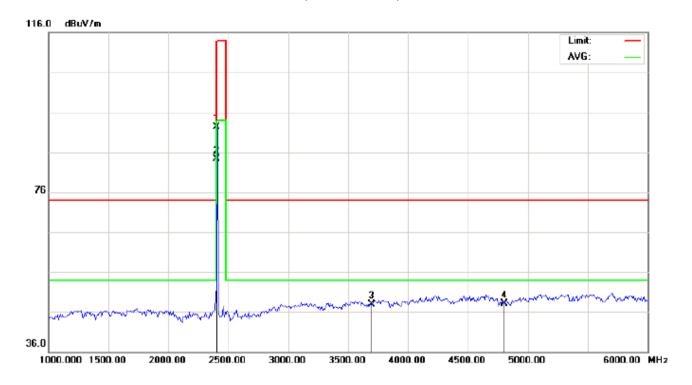
| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 2402.000 | 82.15 | 10.32 | 92.47 | 114.00 | -21.53 | peak | | | |
| 2 | * | 2402.000 | 74.00 | 10.32 | 84.32 | 94.00 | -9.68 | AVG | 100 | 79 | |
| 3 | | 3659.000 | 34.79 | 13.09 | 47.88 | 74.00 | -26.12 | peak | | | |
| 4 | | 4804.000 | 41.74 | 7.69 | 49.43 | 74.00 | -24.57 | peak | | | |

Temperature: 22.7

Humidity: 53.6 %

Page 24 of 55

RADIATED EMISSION TEST- (ABOVE 1GHZ)-LOW CHANNEL- VERTICAL



Site: site #1 Polarization: Vertical
Limit: FCC Class B 3M Radiation above 1GHZ(PK)- Power:

EUT:Bluetooth Converter Distance:

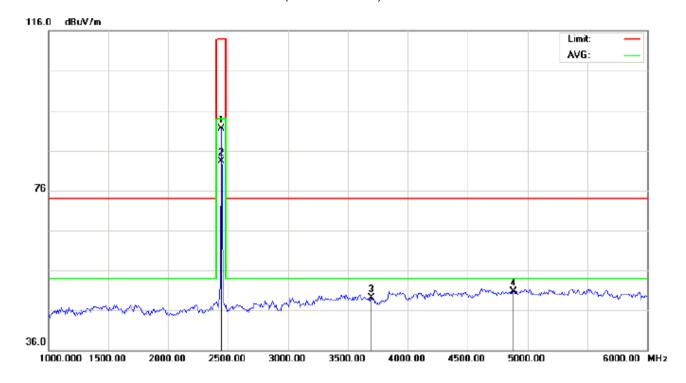
M/N:SS27-BTA-TA Mode: Low Channel TX

Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 2402.000 | 82.07 | 10.32 | 92.39 | 114.00 | -21.61 | peak | | | |
| 2 | * | 2402.000 | 73.94 | 10.32 | 84.26 | 94.00 | -9.74 | AVG | 100 | 73 | |
| 3 | | 3694.000 | 34.54 | 13.30 | 47.84 | 74.00 | -26.16 | peak | | | |
| 4 | | 4804.000 | 40.38 | 7.69 | 48.07 | 74.00 | -25.93 | peak | | | |

Page 25 of 55

RADIATED EMISSION TEST- (ABOVE 1GHZ)-MIDDLE CHANNEL-HORIZONTAL



Site: site #1 Polarization: Horizontal Temperature: 22.7
Limit: FCC Class B 3M Radiation above 1GHZ(PK)- Power: Humidity: 53.6 %

EUT:Bluetooth Converter

M/N:SS27-BTA-TA

Mode: Middle Channel TX

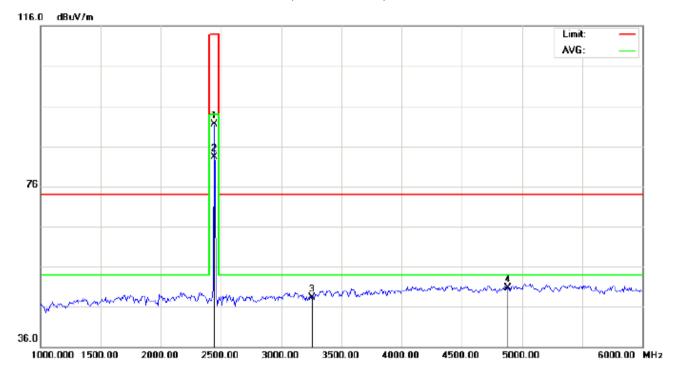
Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|--------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 2441.000 | 81.07 | 10.36 | 91.43 | 114.00 | -22.57 | peak | | | |
| 2 | * | 2441.000 | 72.85 | 10.36 | 83.21 | 94.00 | -10.79 | AVG | 100 | 103 | |
| 3 | | 3694.000 | 35.75 | 13.30 | 49.05 | 74.00 | -24.95 | peak | | | |
| 4 | | 4882.000 | 42.88 | 7.89 | 50.77 | 74.00 | -23.23 | peak | | | |

Distance:

Page 26 of 55

RADIATED EMISSION TEST- (ABOVE 1GHZ)-MIDDLE CHANNEL- VERTICAL



Site: site #1 Polarization: Vertical Temperature: 22.7
Limit: FCC Class B 3M Radiation above 1GHZ(PK)- Power: Humidity: 53.6 %

Limit: FCC Class B 3M Radiation above 1GHZ(PK)- Power:
EUT:Bluetooth Converter Distance:

M/N:SS27-BTA-TA

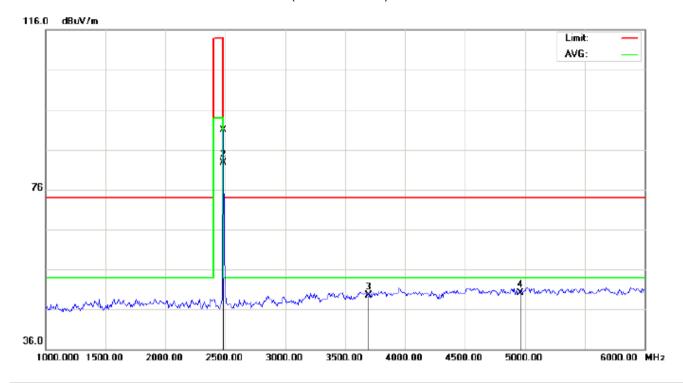
Mode: Middle Channel TX

Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 2441.000 | 81.12 | 10.36 | 91.48 | 114.00 | -22.52 | peak | | | |
| 2 | * | 2441.000 | 72.93 | 10.36 | 83.29 | 94.00 | -10.71 | AVG | 100 | 89 | |
| 3 | | 3254.000 | 36.39 | 11.88 | 48.27 | 74.00 | -25.73 | peak | | | |
| 4 | | 4882.000 | 42.81 | 7.89 | 50.70 | 74.00 | -23.30 | peak | | | |

Page 27 of 55

RADIATED EMISSION TEST- (ABOVE 1GHZ)-HIGH CHANNEL-HORIZONTAL



Site: site #1 Polarization: Horizontal Temperature: 22.7

Limit: FCC Class B 3M Radiation above 1GHZ(PK)- Power: Humidity: 53.6 %

EUT:Bluetooth Converter Distance:

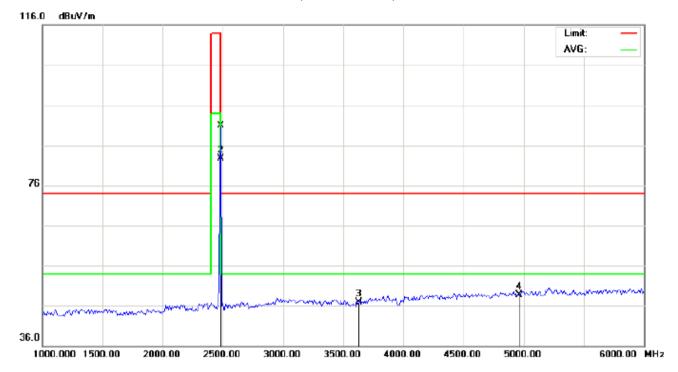
M/N:SS27-BTA-TA Mode: High Channel TX

Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 2480.000 | 80.48 | 10.41 | 90.89 | 114.00 | -23.11 | peak | | | |
| 2 | * | 2480.000 | 72.35 | 10.41 | 82.76 | 94.00 | -11.24 | AVG | 100 | 81 | |
| 3 | | 3694.000 | 36.13 | 13.30 | 49.43 | 74.00 | -24.57 | peak | | | |
| 4 | | 4960.000 | 42.01 | 8.09 | 50.10 | 74.00 | -23.90 | peak | | | |

Page 28 of 55

RADIATED EMISSION TEST- (ABOVE 1GHZ)-HIGH CHANNEL- VERTICAL



Site: site #1 Polarization: Vertical Temperature: 22.7
Limit: FCC Class B 3M Radiation above 1GHZ(PK)- Power: Humidity: 53.6 %

EUT:Bluetooth Converter Distance:

M/N:SS27-BTA-TA Mode: High Channel TX

Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|--------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 2480.000 | 80.44 | 10.41 | 90.85 | 114.00 | -23.15 | peak | | | |
| 2 | * | 2480.000 | 72.28 | 10.41 | 82.69 | 94.00 | -11.31 | AVG | 100 | 91 | |
| 3 | | 3629.000 | 33.91 | 12.90 | 46.81 | 74.00 | -27.19 | peak | | | |
| 4 | | 4960.000 | 40.66 | 8.09 | 48.75 | 74.00 | -25.25 | peak | | | |

RESULT: PASS

Note: 6~25GHz at least have 20dB margin. No recording in the test report.

Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Measurement-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

Page 29 of 55

Field strength of the fundamental signal

1Mbps Result:

Peak value

| Frequency | Reading Level | Factor | Measurement | Limit | Over | Antenna |
|-----------|------------------|--------|-------------|----------|--------|--------------|
| (MHz) | (dBuv) | (dB/m) | (dBuv/m) | (dBuv/m) | (dB) | Polarization |
| 2402 | 82.15 | 10.32 | 92.47 | 114 | -21.53 | Horizontal |
| 2402 | 82.07 | 10.32 | 92.39 | 114 | -21.61 | Vertical |
| 2441 | 81.07 | 10.36 | 91.43 | 114 | -22.57 | Horizontal |
| 2441 | 81.12 | 10.36 | 91.48 | 114 | -22.52 | Vertical |
| 2480 | 80.48 | 10.41 | 90.89 | 114 | -23.11 | Horizontal |
| 2480 | 80.44 | 10.41 | 90.85 | 114 | -23.15 | Vertical |

Average value

| Frequency | Reading Level | Factor | Measurement | Limit | Over | Antenna |
|-----------|------------------|--------|-------------|----------|--------|--------------|
| (MHz) | (dBuv) | (dB/m) | (dBuv/m) | (dBuv/m) | (dB) | Polarization |
| 2402 | 74.00 | 10.32 | 84.32 | 94 | -9.68 | Horizontal |
| 2402 | 73.94 | 10.32 | 84.26 | 94 | -9.74 | Vertical |
| 2441 | 72.85 | 10.36 | 83.21 | 94 | -10.79 | Horizontal |
| 2441 | 72.93 | 10.36 | 83.29 | 94 | -10.71 | Vertical |
| 2480 | 72.35 | 10.41 | 82.76 | 94 | -11.24 | Horizontal |
| 2480 | 72.28 | 10.41 | 82.69 | 94 | -11.31 | Vertical |

Report No.: AGC04999161101FE03 Page 30 of 55

2Mbps Result:

Peak value

| Frequency | Reading Level | Factor | Measurement | Limit | Over | Antenna |
|-----------|------------------|--------|-------------|----------|--------|--------------|
| (MHz) | (dBuv) | (dB/m) | (dBuv/m) | (dBuv/m) | (dB) | Polarization |
| 2402 | 82.03 | 10.32 | 92.35 | 114 | -21.65 | Horizontal |
| 2402 | 81.89 | 10.32 | 92.21 | 114 | -21.79 | Vertical |
| 2441 | 80.85 | 10.36 | 91.21 | 114 | -22.79 | Horizontal |
| 2441 | 80.90 | 10.36 | 91.26 | 114 | -22.74 | Vertical |
| 2480 | 80.30 | 10.41 | 90.71 | 114 | -23.29 | Horizontal |
| 2480 | 80.22 | 10.41 | 90.63 | 114 | -23.37 | Vertical |

Average value

| Average value | | | | | | |
|---------------|------------------|--------|-------------|----------|--------|--------------|
| Frequency | Reading Level | Factor | Measurement | Limit | Over | Antenna |
| (MHz) | (dBuv) | (dB/m) | (dBuv/m) | (dBuv/m) | (dB) | Polarization |
| 2402 | 73.89 | 10.32 | 84.21 | 94 | -9.79 | Horizontal |
| 2402 | 73.79 | 10.32 | 84.11 | 94 | -9.89 | Vertical |
| 2441 | 72.68 | 10.36 | 83.04 | 94 | -10.96 | Horizontal |
| 2441 | 73.62 | 10.36 | 83.98 | 94 | -10.02 | Vertical |
| 2480 | 72.10 | 10.41 | 82.51 | 94 | -11.49 | Horizontal |
| 2480 | 72.00 | 10.41 | 82.41 | 94 | -11.59 | Vertical |

Report No.: AGC04999161101FE03 Page 31 of 55

3Mbps Result:

Peak value

| Frequency | Reading Level | Factor | Measurement | Limit | Over | Antenna |
|-----------|------------------|--------|-------------|----------|--------|--------------|
| (MHz) | (dBuv) | (dB/m) | (dBuv/m) | (dBuv/m) | (dB) | Polarization |
| 2402 | 82.16 | 10.32 | 92.46 | 114 | -21.48 | Horizontal |
| 2402 | 82.10 | 10.32 | 92.42 | 114 | -21.58 | Vertical |
| 2441 | 80.96 | 10.36 | 91.32 | 114 | -22.68 | Horizontal |
| 2441 | 81.18 | 10.36 | 91.54 | 114 | -22.46 | Vertical |
| 2480 | 80.21 | 10.41 | 90.62 | 114 | -23.38 | Horizontal |
| 2480 | 80.37 | 10.41 | 90.78 | 114 | -23.22 | Vertical |

Average value

| Frequency | Reading Level | Factor | Measurement | Limit | Over | Antenna | |
|-----------|------------------|--------|-------------|----------|--------|--------------|--|
| (MHz) | (dBuv) | (dB/m) | (dBuv/m) | (dBuv/m) | (dB) | Polarization | |
| 2402 | 74.43 | 10.32 | 84.75 | 94 | -9.25 | Horizontal | |
| 2402 | 74.04 | 10.32 | 84.36 | 94 | -9.64 | Vertical | |
| 2441 | 73.26 | 10.36 | 83.62 | 94 | -10.38 | Horizontal | |
| 2441 | 74.37 | 10.36 | 84.73 | 94 | -9.27 | Vertical | |
| 2480 | 72.46 | 10.41 | 82.87 | 94 | -11.13 | Horizontal | |
| 2480 | 72.51 | 10.41 | 82.92 | 94 | -11.08 | Vertical | |

Page 32 of 55

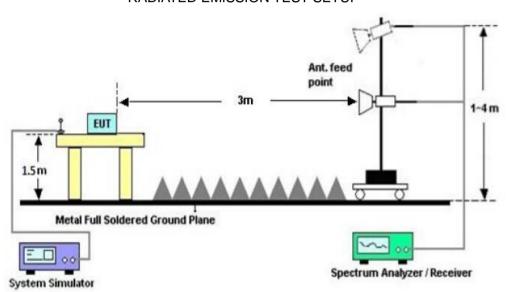
9. BAND EDGE EMISSION

9.1. MEASUREMENT PROCEDURE

- 1. The EUT operates at hopping-off test mode. The lowest or highest channels are tested to verify the largest transmission and spurious emissions power at the continuous transmission mode.
- 2. Max hold the trace of the setup1, and the EUT operates at hopping-on test mode to verify the largest spurious emissions power.
- 3. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission

9.2 TEST SETUP

RADIATED EMISSION TEST SETUP

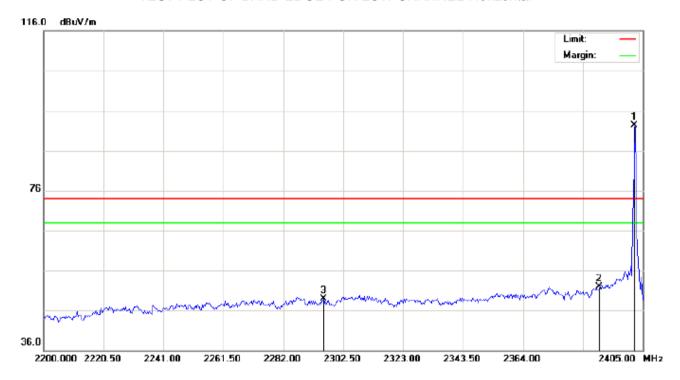


Page 33 of 55

9.3 RADIATED TEST RESULT

(Worst modulation: GFSK)

TEST PLOT OF BAND EDGE FOR LOW CHANNEL-Horizontal



Site: site #1 Polarization: Horizontal Temperature: 26 Limit: FCC Class B 3M Radiation above 1GHZ(PK) Power: Humidity: 60 %

EUT:Bluetooth Converter

Distance:

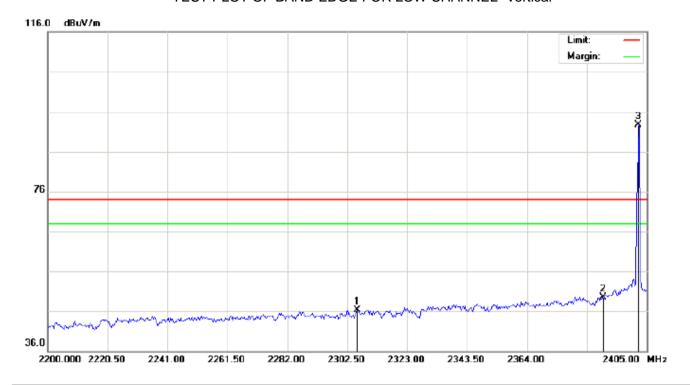
M/N:SS27-BTA-TA Mode: Low Channel TX

Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | * | 2402.000 | 82.06 | 10.32 | 92.38 | 74.00 | 18.38 | peak | | | |
| 2 | | 2390.000 | 41.50 | 10.31 | 51.81 | 74.00 | -22.19 | peak | | | |
| 3 | | 2295.667 | 38.76 | 10.21 | 48.97 | 74.00 | -25.03 | peak | | | |

Page 34 of 55

TEST PLOT OF BAND EDGE FOR LOW CHANNEL -Vertical



Site: site #1 Polarization: Vertical Temperature: 26
Limit: FCC Class B 3M Radiation above 1GHZ(PK) Power: Humidity: 60 %

EUT:Bluetooth Converter Distance:

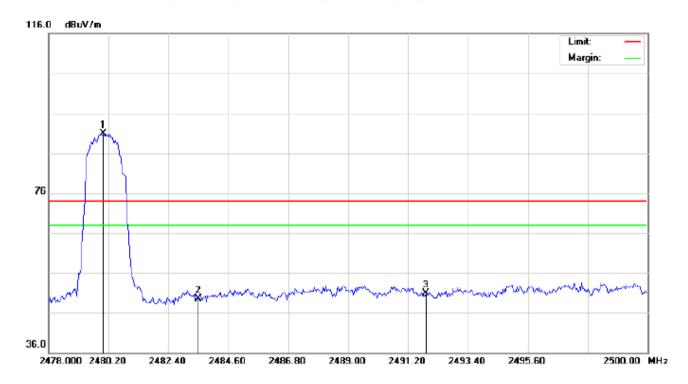
M/N:SS27-BTA-TA Mode: Low Channel TX

Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | | 2305.917 | 36.18 | 10.22 | 46.40 | 74.00 | -27.60 | peak | | | |
| 2 | | 2390.000 | 39.21 | 10.31 | 49.52 | 74.00 | -24.48 | peak | | | |
| 3 | * | 2402.000 | 82.30 | 10.32 | 92.62 | 74.00 | 18.62 | peak | | | |

Page 35 of 55

TEST PLOT OF BAND EDGE FOR HIGH CHANNEL -Horizontal



Site: site #1 Polarization: Horizontal Temperature: 26 Humidity: 60 %

Limit: FCC Class B 3M Radiation above 1GHZ(PK) Power:

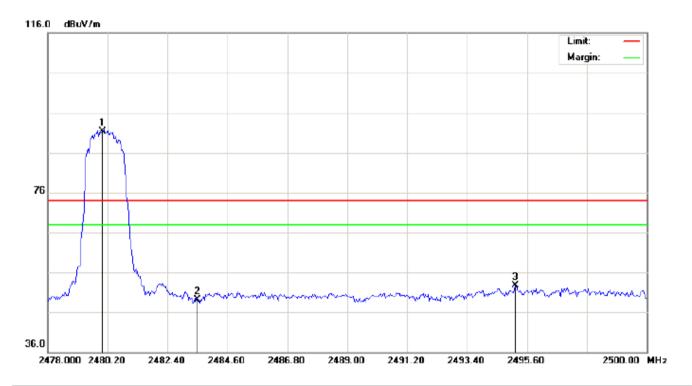
EUT:Bluetooth Converter Distance: M/N:SS27-BTA-TA

Mode: High Channel TX Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | * | 2480.000 | 80.50 | 10.41 | 90.91 | 74.00 | 16.91 | peak | | | |
| 2 | | 2483.500 | 39.19 | 10.41 | 49.60 | 74.00 | -24.40 | peak | | | |
| 3 | | 2491.860 | 40.56 | 10.42 | 50.98 | 74.00 | -23.02 | peak | | | |

Page 36 of 55

TEST PLOT OF BAND EDGE FOR HIGH CHANNEL-Vertical



Site: site #1 Polarization: Vertical Temperature: 26
Limit: FCC Class B 3M Radiation above 1GHZ(PK) Power: Humidity: 60 %

EUT:Bluetooth Converter Distance:

M/N:SS27-BTA-TA Mode: High Channel TX

Note:

| No. | Mk | Freq. | Reading | Factor | Measurement | Limit | Over | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
| | - | MHz | dBu∀ | dB/m | dBu∀/m | dBu∀/m | dB | | cm | degree | |
| 1 | * | 2480.000 | 80.82 | 10.41 | 91.23 | 74.00 | 17.23 | peak | | | |
| 2 | | 2483.500 | 38.76 | 10.41 | 49.17 | 74.00 | -24.83 | peak | | | |
| 3 | | 2495.160 | 42.30 | 10.42 | 52.72 | 74.00 | -21.28 | peak | | | |

RESULT: PASS

Note: The other modes radiation emission have enough 20dB margin.

Factor=Antenna Factor + Cable loss - Amplifier gain, Over=Measure-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

Hopping on mode and Hopping off mode have been tested, but only worst case reported.

Page 37 of 55

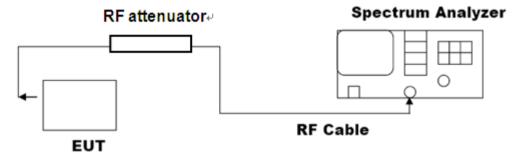
10. 20DB BANDWIDTH

10.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 3. Set Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hoping channel RBW \geq 1% of the 20 dB bandwidth, VBW \geq RBW; Sweep = auto; Detector function = peak
- 4. Set SPA Trace 1 Max hold, then View.

10.2. TEST SET-UP

(BLOCK DIAGRAM OF CONFIGURATION)



Note: The EUT has been used temporary antenna connector for testing.

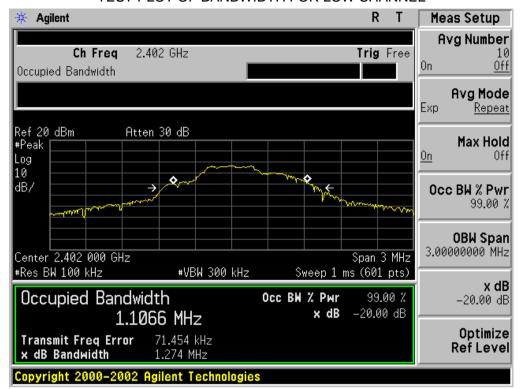
10.3. LIMITS AND MEASUREMENT RESULTS

FOR BR/EDR

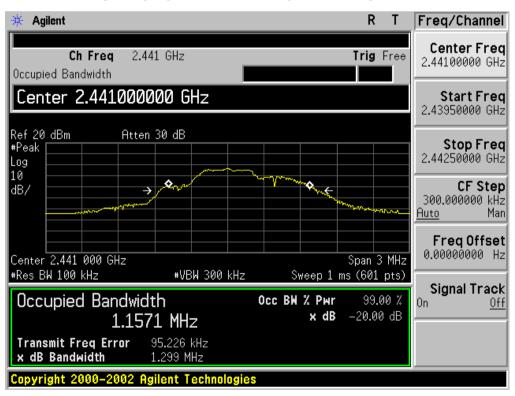
| BLUETOOTH 1MBPS LIMITS AND MEASUREMENT RESULT | | | | | |
|-----------------------------------------------|--------------------|--------------|---------------|--------|--|
| | Measurement Result | | | | |
| Applicable Limits | Test Data (MHz) | | | Doorle | |
| | | 99%OBW (MHz) | -20dB BW(MHz) | Result | |
| N/A | Low Channel | 1.107 | 1.274 | PASS | |
| | Middle Channel | 1.157 | 1.299 | PASS | |
| | High Channel | 1.127 | 1.309 | PASS | |

Page 38 of 55

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL

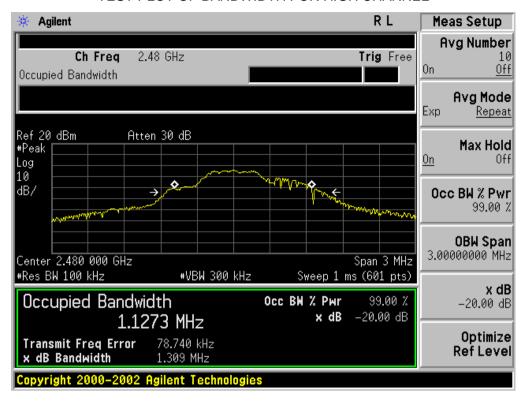


TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



Page 39 of 55

TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



Report No.: AGC04999161101FE03 Page 40 of 55

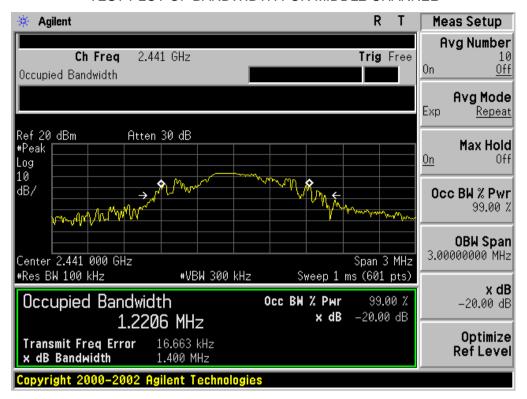
| BLUETOOTH 2MBPS LIMITS AND MEASUREMENT RESULT | | | | | |
|-----------------------------------------------|--------------------|--------------|---------------|--------|--|
| | Measurement Result | | | | |
| Applicable Limits | Test Data (MHz) | | | Docult | |
| | | 99%OBW (MHz) | -20dB BW(MHz) | Result | |
| N/A | Low Channel | 1.165 | 1.336 | PASS | |
| | Middle Channel | 1.221 | 1.400 | PASS | |
| | High Channel | 1.194 | 1.339 | PASS | |

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



Page 41 of 55

TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



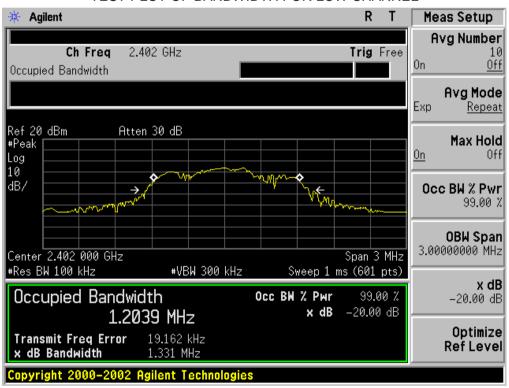
TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



Report No.: AGC04999161101FE03 Page 42 of 55

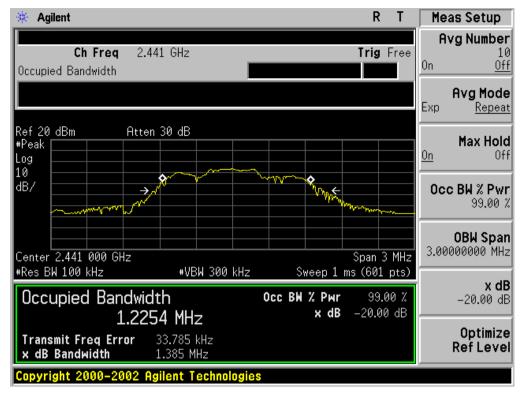
| BLUETOOTH 3MBPS LIMITS AND MEASUREMENT RESULT | | | | | |
|-----------------------------------------------|--------------------|--------------|---------------|---------|--|
| | Measurement Result | | | | |
| Applicable Limits | Test Data (MHz) | | | Docult. | |
| | | 99%OBW (MHz) | -20dB BW(MHz) | Result | |
| N/A | Low Channel | 1.204 | 1.331 | PASS | |
| | Middle Channel | 1.225 | 1.385 | PASS | |
| | High Channel | 1.199 | 1.391 | PASS | |

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL

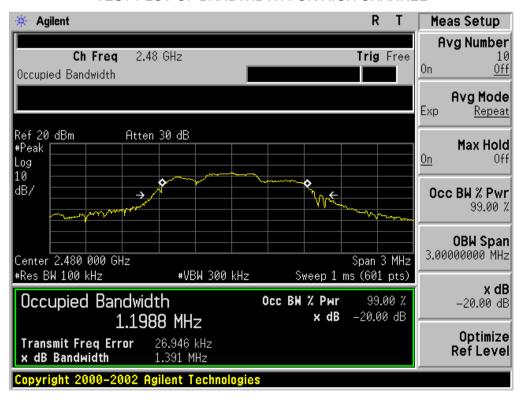


Page 43 of 55

TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



Page 44 of 55

11. FCC LINE CONDUCTED EMISSION TEST

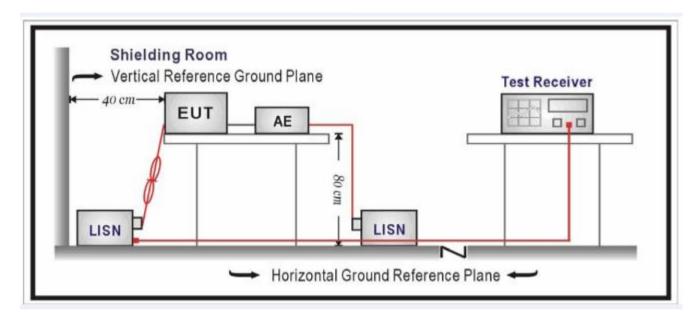
11.1. LIMITS OF LINE CONDUCTED EMISSION TEST

| Francos | Maximum RF Line Voltage | | | |
|---------------|-------------------------|----------------|--|--|
| Frequency | Q.P.(dBuV) | Average(dBuV) | | |
| 150kHz~500kHz | 66-56 | 56-46 | | |
| 500kHz~5MHz | 56 | 46 | | |
| 5MHz~30MHz | 60 | 50 | | |

Note:

- 1. The lower limit shall apply at the transition frequency.
- 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

11.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



Page 45 of 55

11.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipments received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received DC charging voltage by adapter or PC which received 120V/60Hzpower by a LISN.
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

11.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- 2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- 3. The test data of the worst case condition(s) was reported on the Summary Data page.

11.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

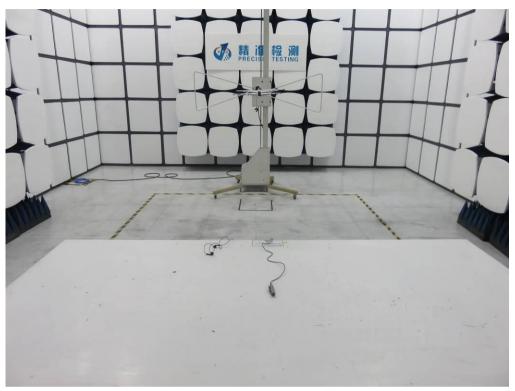
N/A

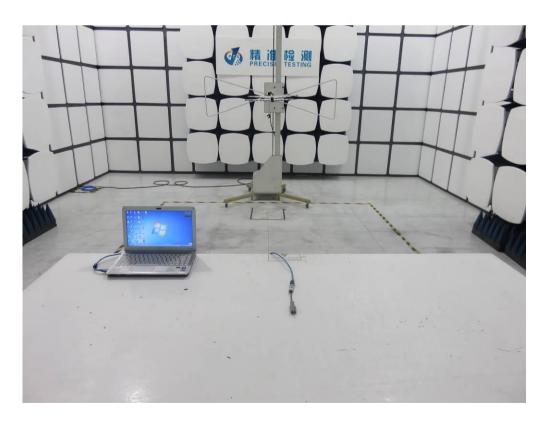
Note: Owing to the BT function of EUT didn't work when charging. So the test item is not applicable.

Page 46 of 55

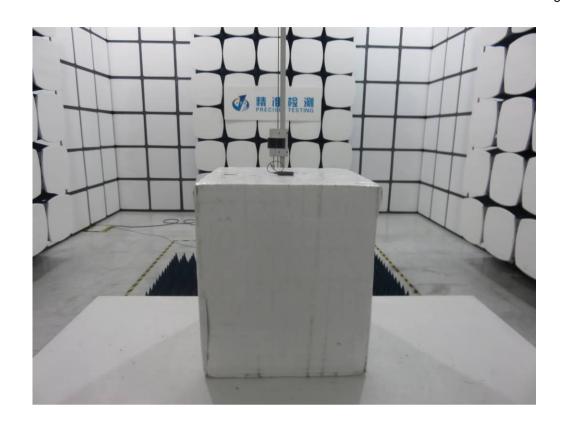
APPENDIX A: PHOTOGRAPHS OF TEST SETUP

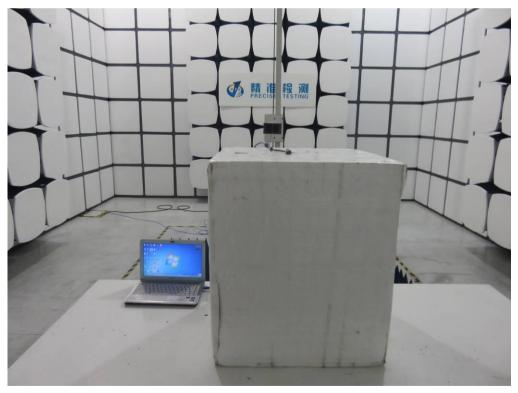
FCC RADIATED EMISSION TEST SETUP





Report No.: AGC04999161101FE03 Page 47 of 55

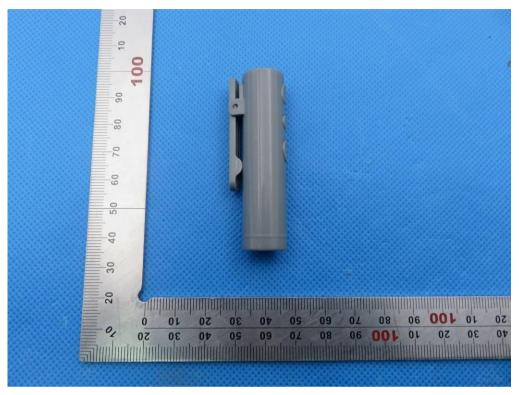




Page 48 of 55

APPENDIX B: PHOTOGRAPHS OF EUT

TOP VIEW OF EUT

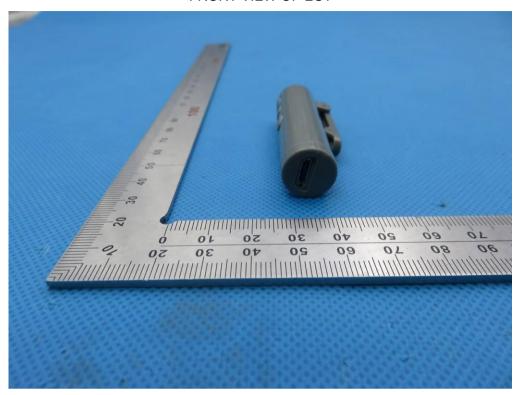


BOTTOM VIEW OF EUT



Page 49 of 55

FRONT VIEW OF EUT



BACK VIEW OF EUT



Report No.: AGC04999161101FE03 Page 50 of 55

LEFT VIEW OF EUT

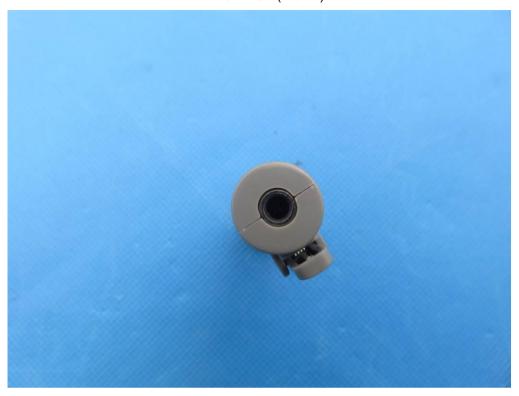


RIGHT VIEW OF EUT



Report No.: AGC04999161101FE03 Page 51 of 55

VIEW OF EUT (PORT)-1

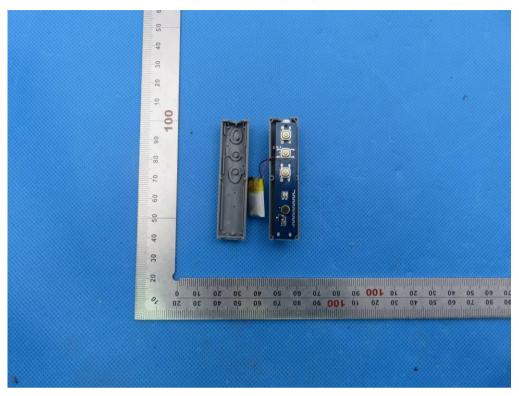


VIEW OF EUT (PORT)-2

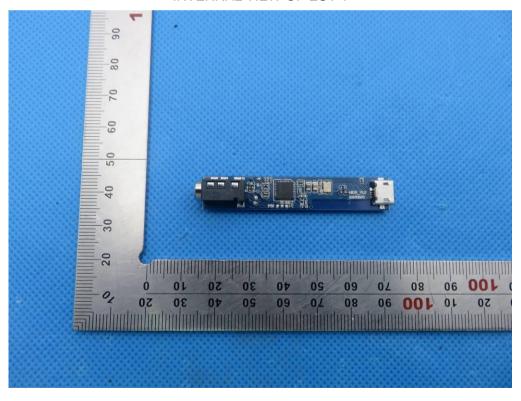


Report No.: AGC04999161101FE03 Page 52 of 55

OPEN VIEW OF EUT

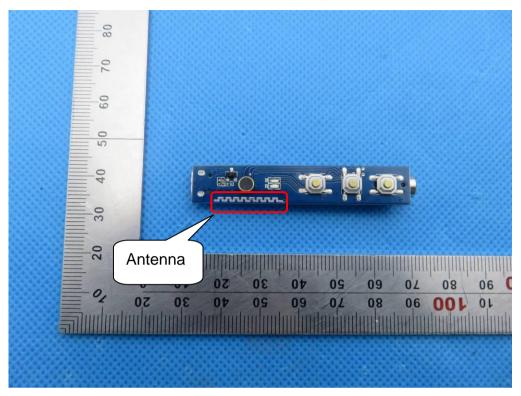


INTERNAL VIEW OF EUT-1

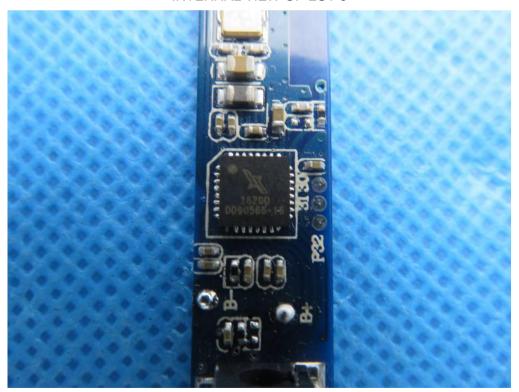


Page 53 of 55

INTERNAL VIEW OF EUT-2



INTERNAL VIEW OF EUT-3



Page 54 of 55

Series color sample

TOP VIEW OF EUT (Black)

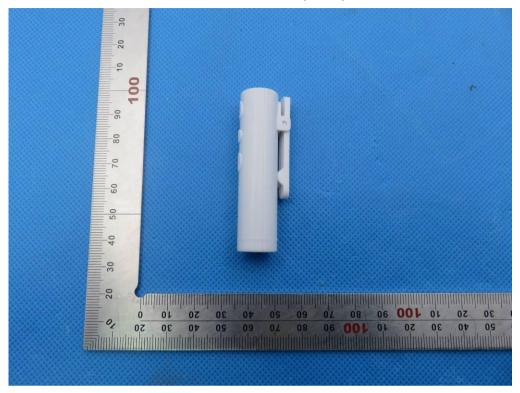


BOTTOM VIEW OF EUT (Black)

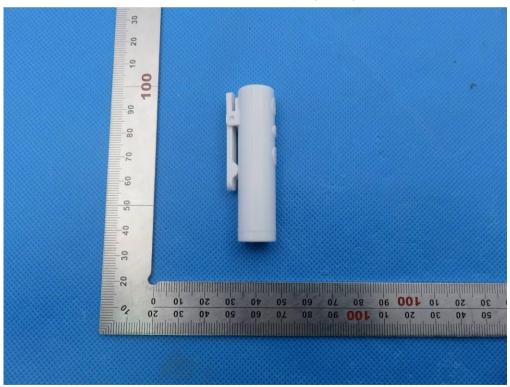


Report No.: AGC04999161101FE03 Page 55 of 55

TOP VIEW OF EUT (White)



BOTTOM VIEW OF EUT (White)



----END OF REPORT----