

# 8-DPSK MODULATION IN HIGH CHANNEL Hopping off



## Hopping on





Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2,Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China



Report No.: AGC08506191204FE03

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#### 10. RADIATED EMISSION

#### 10.1. MEASUREMENT PROCEDURE

- 1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.





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## 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<br>1MHz/3MHz for Peak, 1MHz/3MHz for Average |

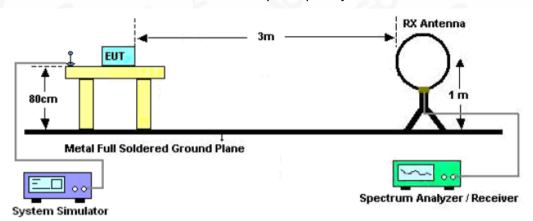
| Receiver Parameter    | Setting                        |
|-----------------------|--------------------------------|
| Start ~Stop Frequency | 9KHz~150KHz/RB 200Hz for QP    |
| Start ~Stop Frequency | 150KHz~30MHz/RB 9KHz for QP    |
| Start ~Stop Frequency | 30MHz~1000MHz/RB 120KHz for QP |



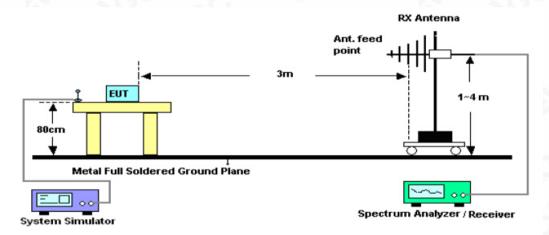


#### 10.2. TEST SETUP

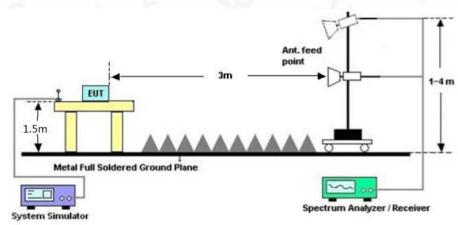
#### Radiated Emission Test-Setup Frequency Below 30MHz



#### RADIATED EMISSION TEST SETUP 30MHz-1000MHz



#### RADIATED EMISSION TEST SETUP ABOVE 1000MHz





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## 10.3. LIMITS AND MEASUREMENT RESULT

15.209 Limit in the below table has to be followed

| Frequencies<br>(MHz) | Field Strength (micorvolts/meter) | Measurement Distance (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: All modes were tested For restricted band radiated emission,

the test records reported below are the worst result compared to other modes.

#### 10.4. TEST RESULT

#### **RADIATED EMISSION BELOW 30MHZ**

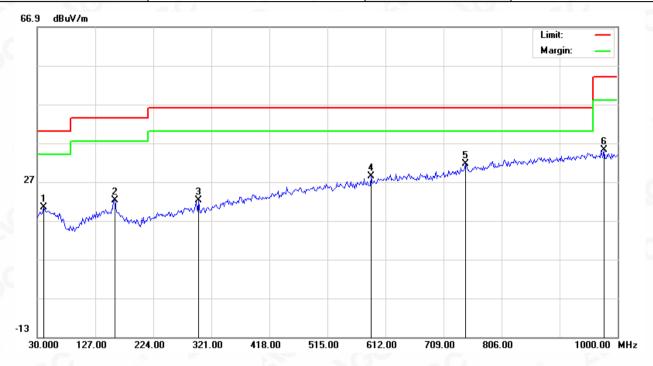
No emission found between lowest internal used/generated frequencies to 30MHz.





## **RADIATED EMISSION BELOW 1GHZ**

| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 4 | Antenna           | Horizontal     |



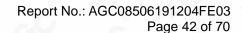
| No. | Mk | Freq.    | Reading | Factor | Measurement | Limit  | Over   | Detector | Antenna<br>Height | Table<br>Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
|     | •  | MHz      | dBuV    | dB/m   | dBuV/m      | dBuV/m | dB     |          | cm                | degree          |         |
| 1   |    | 41.3167  | 0.29    | 20.04  | 20.33       | 40.00  | -19.67 | peak     |                   |                 |         |
| 2   |    | 159.3333 | 2.99    | 19.19  | 22.18       | 43.50  | -21.32 | peak     |                   |                 |         |
| 3   |    | 299.9833 | 2.69    | 19.47  | 22.16       | 46.00  | -23.84 | peak     |                   |                 |         |
| 4   |    | 587.7500 | 1.68    | 26.71  | 28.39       | 46.00  | -17.61 | peak     |                   |                 |         |
| 5   | *  | 746.1833 | 2.51    | 29.19  | 31.70       | 46.00  | -14.30 | peak     |                   |                 |         |
| 6   |    | 977.3667 | 2.80    | 32.37  | 35.17       | 54.00  | -18.83 | peak     |                   |                 |         |

**RESULT: PASS** 



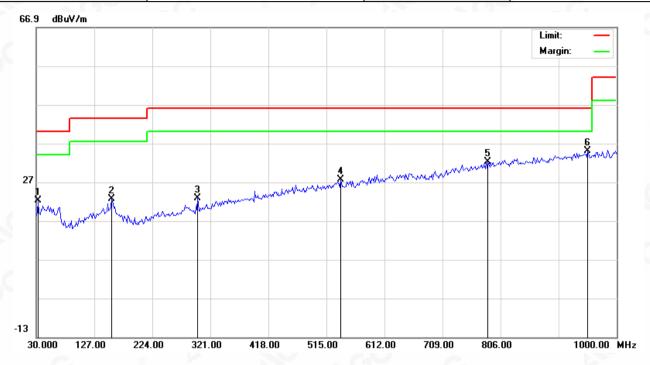
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| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 4 | Antenna           | Vertical       |



| No. | Mk | Freq.    | Reading | Factor | Measurement | Limit  | Over   | Detector | Antenna<br>Height | Table<br>Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|-------------------|-----------------|---------|
|     | •  | MHz      | dBuV    | dB/m   | dBuV/m      | dBuV/m | dB     |          | cm                | degree          |         |
| 1   |    | 33.2333  | 3.85    | 18.27  | 22.12       | 40.00  | -17.88 | peak     |                   |                 |         |
| 2   |    | 156.1000 | 3.32    | 19.20  | 22.52       | 43.50  | -20.98 | peak     |                   |                 |         |
| 3   |    | 299.9833 | 3.40    | 19.47  | 22.87       | 46.00  | -23.13 | peak     |                   |                 |         |
| 4   |    | 539.2500 | 1.83    | 25.76  | 27.59       | 46.00  | -18.41 | peak     |                   |                 |         |
| 5   |    | 784.9833 | 2.21    | 30.07  | 32.28       | 46.00  | -13.72 | peak     |                   |                 |         |
| 6   | *  | 951.5000 | 2.92    | 32.14  | 35.06       | 46.00  | -10.94 | peak     |                   |                 |         |

## **RESULT: PASS**

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

2. All test modes had been pre-tested. The mode 4 is the worst case and recorded in the report.



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## **RADIATED EMISSION ABOVE 1GHZ**

| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 1 | Antenna           | Horizontal     |

| Frequency       | Meter Reading | Factor | Emission Level | Limits   | Margin | \/ali.a T. = a |
|-----------------|---------------|--------|----------------|----------|--------|----------------|
| (MHz)           | (dBµV)        | (dB)   | (dBµV/m)       | (dBµV/m) | (dB)   | Value Type     |
| 4804.022        | 48.14         | 0.08   | 48.22          | 74.00    | -25.78 | peak           |
| 4804.022        | 44.26         | 0.08   | 44.34          | 54.00    | -9.66  | AVG            |
| 7206.033        | 45.61         | 2.21   | 47.82          | 74.00    | -26.18 | peak           |
| 7206.033        | 39.45         | 2.21   | 41.66          | 54.00    | -12.34 | AVG            |
| <del>- 60</del> | -6            | ®      |                | X 69     | -6     | 8              |
| emark:          | 0             | G      | 0              |          |        | -0             |

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 1 | Antenna           | Vertical       |

| Frequency     | Meter Reading                         | Factor         | Emission Level | Limits   | Margin | Value Trac |
|---------------|---------------------------------------|----------------|----------------|----------|--------|------------|
| (MHz)         | (dBµV)                                | (dB)           | (dBµV/m)       | (dBµV/m) | (dB)   | Value Type |
| 4804.022      | 47.23                                 | 0.08           | 47.31          | 74.00    | -26.69 | peak       |
| 4804.022      | 43.15                                 | 0.08           | 43.23          | 54.00    | -10.77 | AVG        |
| 7206.033      | 42.88                                 | 2.21           | 45.09          | 74.00    | -28.91 | peak       |
| 7206.033      | 39.54                                 | 2.21           | 41.75          | 54.00    | -12.25 | AVG        |
| 0             |                                       |                | <b>a.</b> Ci   | 8        |        | - C        |
| emark:        | · · · · · · · · · · · · · · · · · · · |                |                |          |        |            |
| actor = Anter | nna Factor + Cab                      | le Loss – Pre- | amplifier.     |          |        | × (e       |



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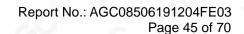
| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 2 | Antenna           | Horizontal     |

| Frequency | Meter Reading | Factor | Emission Level    | Limits   | Margin | Value Tree |
|-----------|---------------|--------|-------------------|----------|--------|------------|
| (MHz)     | (dBµV)        | (dB)   | (dBµV/m)          | (dBµV/m) | (dB)   | Value Type |
| 4882.022  | 47.62         | 0.14   | 47.76             | 74.00    | -26.24 | peak       |
| 4882.022  | 41.36         | 0.14   | 41.50             | 54.00    | -12.50 | AVG        |
| 7323.033  | 42.94         | 2.36   | 45.30             | 74.00    | -28.70 | peak ®     |
| 7323.033  | 38.57         | 2.36   | 40.93             | 54.00    | -13.07 | AVG        |
| -         |               |        | <del>0</del> 4 20 |          |        |            |
| mark:     |               |        |                   | 7.0      |        | (8)        |

|             | -6     |                   | -6             |
|-------------|--------|-------------------|----------------|
| EUT         | Comfy  | Model Name        | KEP-004        |
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 2 | Antenna           | Vertical       |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin |            |
|-----------|---------------|--------|----------------|----------|--------|------------|
| (MHz)     | (dBµV)        | (dB)   | (dBµV/m)       | (dBµV/m) | (dB)   | Value Type |
| 4882.022  | 48.25         | 0.14   | 48.39          | 74.00    | -25.61 | peak       |
| 4882.022  | 44.19         | 0.14   | 44.33          | 54.00    | -9.67  | AVG        |
| 7323.033  | 45.36         | 2.36   | 47.72          | 74.00    | -26.28 | peak       |
| 7323.033  | 39.72         | 2.36   | 42.08          | 54.00    | -11.92 | AVG        |
|           | 8             |        | 60             | G        | (8)    | 100        |
| mark:     |               |        |                |          |        | 8)         |







| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 3 | Antenna           | Horizontal     |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin | Value Time   |
|-----------|---------------|--------|----------------|----------|--------|--------------|
| (MHz)     | (dBµV)        | (dB)   | (dBµV/m)       | (dBµV/m) | (dB)   | - Value Type |
| 4960.022  | 47.31         | 0.22   | 47.53          | 74.00    | -26.47 | peak         |
| 4960.022  | 42.08         | 0.22   | 42.30          | 54.00    | -11.70 | AVG          |
| 7440.033  | 43.29         | 2.64   | 45.93          | 74.00    | -28.07 | peak ®       |
| 7440.033  | 35.74         | 2.64   | 38.38          | 54.00    | -15.62 | AVG          |
|           |               |        |                |          |        |              |
| mark:     |               |        |                |          |        |              |

| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 3 | Antenna           | Vertical       |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin |            |
|-----------|---------------|--------|----------------|----------|--------|------------|
| (MHz)     | (dBµV)        | (dB)   | (dBµV/m)       | (dBµV/m) | (dB)   | Value Type |
| 4960.022  | 47.21         | 0.22   | 47.43          | 74.00    | -26.57 | peak       |
| 4960.022  | 40.29         | 0.22   | 40.51          | 54.00    | -13.49 | AVG        |
| 7440.033  | 41.93         | 2.64   | 44.57          | 74.00    | -29.43 | peak       |
| 7440.033  | 37.23         | 2.64   | 39.87          | 54.00    | -14.13 | AVG        |
| ©         |               | 200    |                |          | 30     |            |
| emark:    | <b>(</b> )    |        |                |          |        |            |

## **RESULT: PASS**

#### Note:

Other emissions from 1G to 25 GHz are considered as ambient noise. No recording in the test report. Factor = Antenna Factor + Cable loss - Amplifier gain, Over=Measure-Limit.

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

All test modes had been tested. The GFSK modulation is the worst case and recorded in the report.



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#### TEST RESULT FOR RESTRICTED BANDS REQUIREMENTS

| 10)         |        | (0)               |                |
|-------------|--------|-------------------|----------------|
| EUT         | Comfy  | Model Name        | KEP-004        |
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 1 | Antenna           | Horizontal     |

PΚ



ΑV

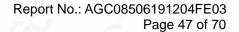


**RESULT: PASS** 



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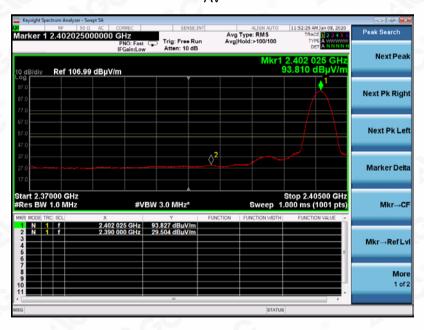


| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 1 | Antenna           | Vertical       |

#### PK



## ΑV

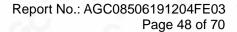


**RESULT: PASS** 



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| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 3 | Antenna           | Horizontal     |

#### PK



## ΑV

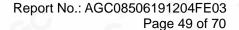


**RESULT: PASS** 



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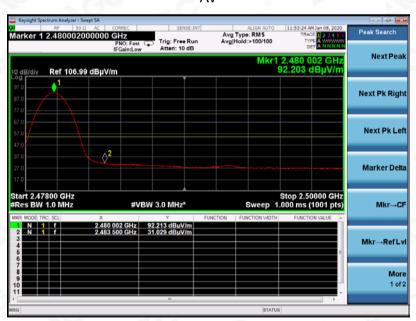


| EUT         | Comfy  | Model Name        | KEP-004        |
|-------------|--------|-------------------|----------------|
| Temperature | 25°C   | Relative Humidity | 55.4%          |
| Pressure    | 960hPa | Test Voltage      | Normal Voltage |
| Test Mode   | Mode 3 | Antenna           | Vertical       |

PK



ΑV



#### **RESULT: PASS**

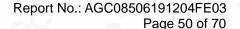
**Note**: The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB( $\mu$ V) to represent the Amplitude. Use the F dB( $\mu$ V/m) to represent the Field Strength. So A=F. All test modes had been pre-tested. The GFSK modulation is the worst case and recorded in the report.



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#### 11. NUMBER OF HOPPING FREQUENCY

#### 11.1. MEASUREMENT PROCEDURE

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- 1. Span: The frequency band of operation. Depending on the number of channels the device supports, it may be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.
- 2. RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.
- 3. VBW RBW. Sweep: Auto. Detector function: Peak. Trace: Max hold.
- 4. Allow the trace to stabilize.

#### 11.2. TEST SETUP (BLOCK DIAGRAM OF CONFIGURATION)

Same as described in section 8.2

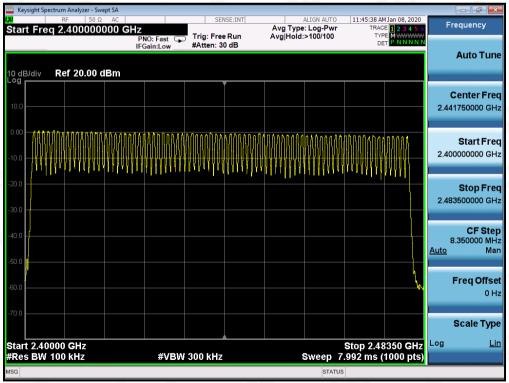
#### 11.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6

#### 11.4. LIMITS AND MEASUREMENT RESULT

| TOTAL NO. OF    | LIMIT (NO. OF CH) | MEASUREMENT<br>(NO. OF CH) | RESULT |
|-----------------|-------------------|----------------------------|--------|
| HOPPING CHANNEL | >=15              | 79                         | PASS   |

#### TEST PLOT FOR NO. OF TOTAL CHANNELS



Note: The GFSK modulation is the worst case and recorded in the report.



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## 12. TIME OF OCCUPANCY (DWELL TIME)

#### 12.1. MEASUREMENT PROCEDURE

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- 1. Span: Zero span, centered on a hopping channel.
- 2. RBW shall be ≤ channel spacing and where possible RBW should be set >> 1 / T, where T is the expected dwell time per channel.
- 3. Sweep: As necessary to capture the entire dwell time per hopping channel; where possible use a video trigger and trigger delay so that the transmitted signal starts a little to the right of the start of the plot. The trigger level might need slight adjustment to prevent triggering when the system hops on an adjacent channel; a second plot might be needed with a longer sweep time to show two successive hops on a channel.
- 4. Detector function: Peak. Trace: Max hold.
- 5. Use the marker-delta function to determine the transmit time per hop.
- 6. Repeat the measurement using a longer sweep time to determine the number of hops over the period specified in the requirements. The sweep time shall be equal to, or less than, the period specified in the requirements. Determine the number of hops over the sweep time and calculate the total number of hops in the period specified in the requirements, using the following equation:

(Number of hops in the period specified in the requirements) = (number of hops on spectrum analyzer)  $\times$  (period specified in the requirements / analyzer sweep time)

7. The average time of occupancy is calculated from the transmit time per hop multiplied by the number of hops in the period specified in the requirements.

#### 12.2. TEST SETUP (BLOCK DIAGRAM OF CONFIGURATION)

Same as described in section 8.2

#### 12.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6

#### 12.4. LIMITS AND MEASUREMENT RESULT

| Channel | Time of Pulse<br>for DH5<br>(ms) | Number of hops in the period specified in the requirements | Sweep Time<br>(ms) | Limit<br>(ms) |
|---------|----------------------------------|--|--------------------|---------------|
| Low     | 2.885                            | 26*4   | 300.04             | 400           |
| Middle  | 2.885                            | 27*4   | 311.58             | 400           |
| High    | 2.883                            | 27*4   | 311.36             | 400           |

Note: The 8-DPSK modulation is the worst case and recorded in the report.



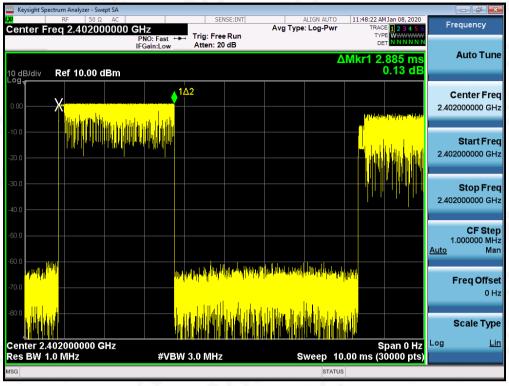
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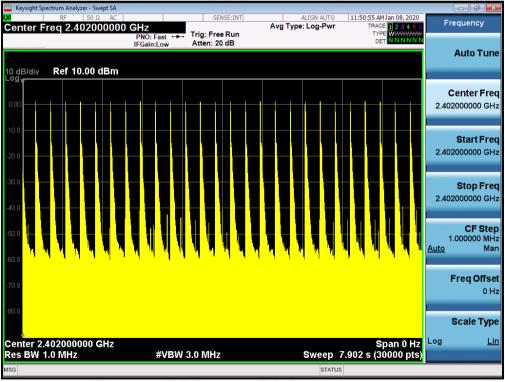
Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Service Hotline: 400 089 2118



#### TEST PLOT OF LOW CHANNEL





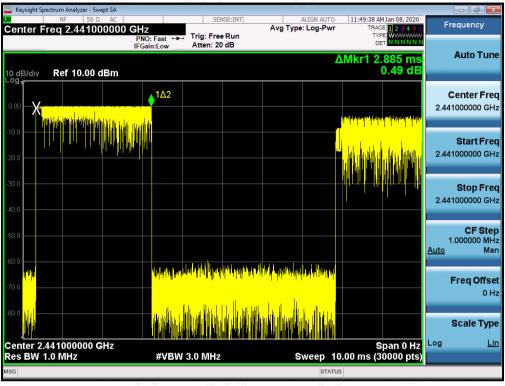


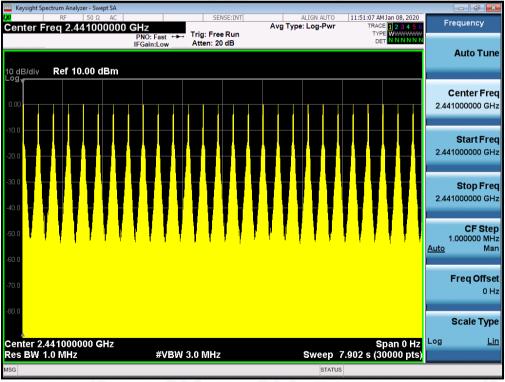
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#### TEST PLOT OF MIDDLE CHANNEL





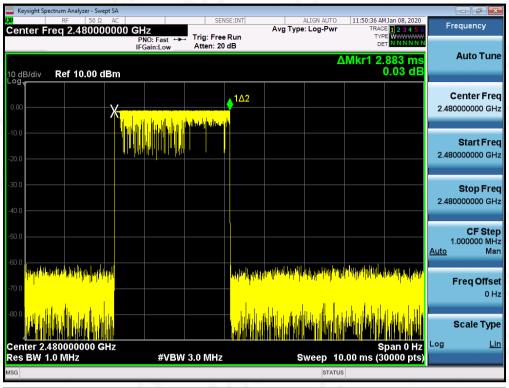


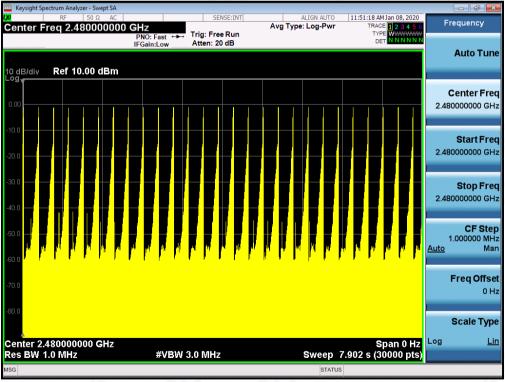
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#### TEST PLOT OF HIGH CHANNEL







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#### 13. FREQUENCY SEPARATION

#### 13.1. MEASUREMENT PROCEDURE

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- 1. Span: Wide enough to capture the peaks of two adjacent channels.
- 2. RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.
- 3. Video (or average) bandwidth (VBW) ≥ RBW.
- 4. Sweep: Auto. e) Detector function: Peak. f) Trace: Max hold. g) Allow the trace to stabilize.

Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

#### 13.2. TEST SETUP (BLOCK DIAGRAM OF CONFIGURATION)

Same as described in section 6.2

#### 13.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6.3

#### 13.4. LIMITS AND MEASUREMENT RESULT

| CHANNEL   | CHANNEL SEPARATION | LIMIT                    | RESULT |  |
|-----------|--------------------|--------------------------|--------|--|
|           | KHz                | KHz                      | Dana   |  |
| CH01-CH02 | 1001               | >=25 KHz or 2/3 20 dB BW | Pass   |  |

#### TEST PLOT FOR FREQUENCY SEPARATION



Note: The 8-DPSK modulation is the worst case and recorded in the report.



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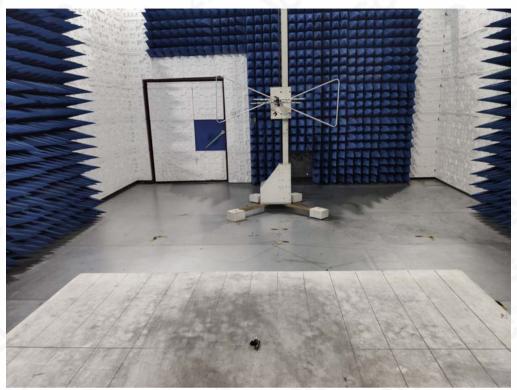
Add: 2/F., Building 2,Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Service Hotline:400 089 2118



## **APPENDIX A: PHOTOGRAPHS OF TEST SETUP**

RADIATED EMISSION TEST SETUP BELOW 1GHZ



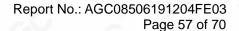
RADIATED EMISSION TEST SETUP ABOVE 1GHZ





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**APPENDIX B: PHOTOGRAPHS OF EUT** 

ALL VIEW OF EUT



TOP VIEW OF EUT





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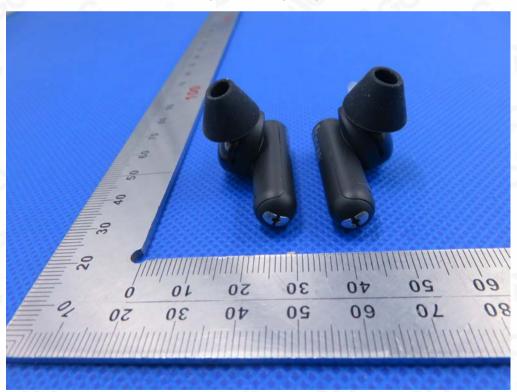
Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,



## **BOTTOM VIEW OF EUT**



FRONT VIEW OF EUT





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## **BACK VIEW OF EUT**



LEFT VIEW OF EUT





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## RIGHT VIEW OF EUT



VIEW OF EUT(PORT)-left





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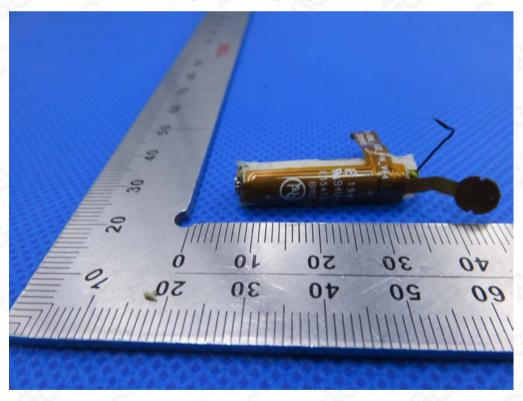
Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,



## **OPEN VIEW OF EUT-1**



**OPEN VIEW OF EUT-2** 



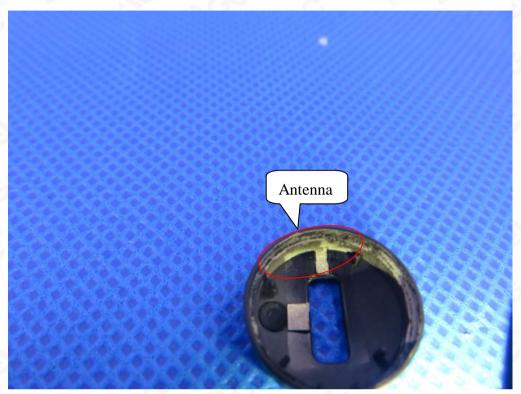


Attestation of Global Compliance(Shenzhen)Co.,Ltd.

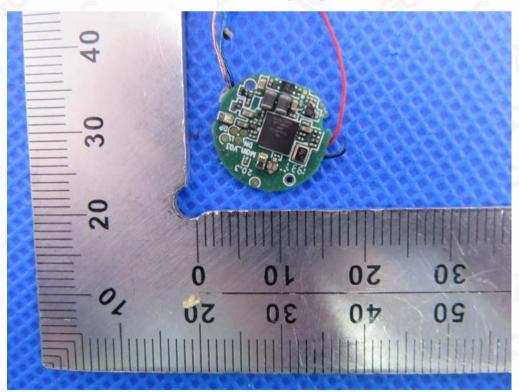
Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,



## **OPEN VIEW OF EUT-3**



**INTERNAL VIEW OF EUT-1** 

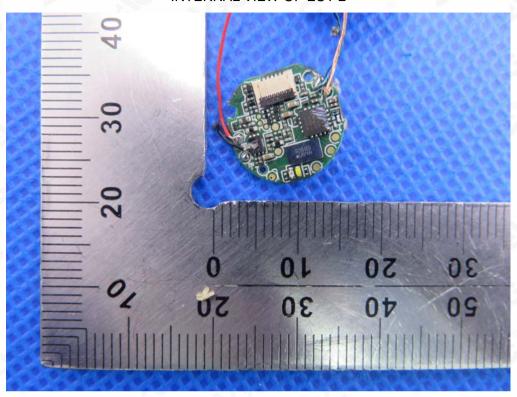




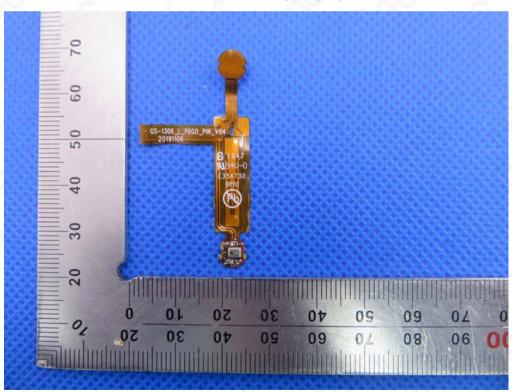
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**INTERNAL VIEW OF EUT-3** 

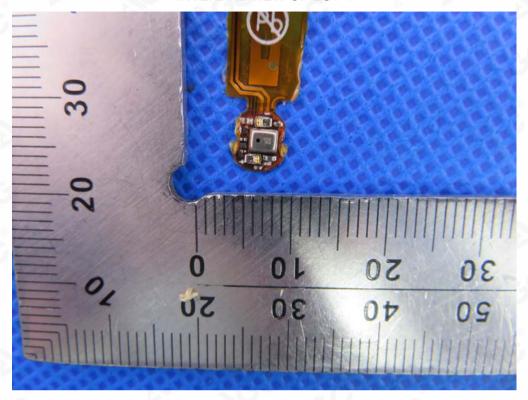




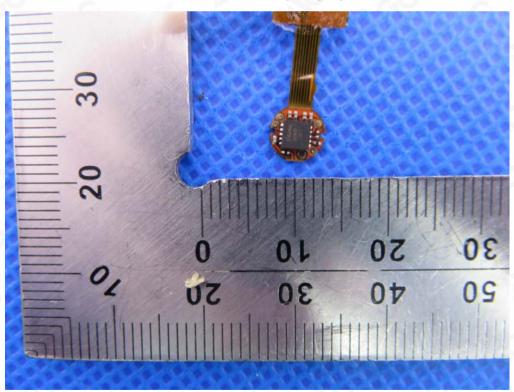
Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,





**INTERNAL VIEW OF EUT-5** 



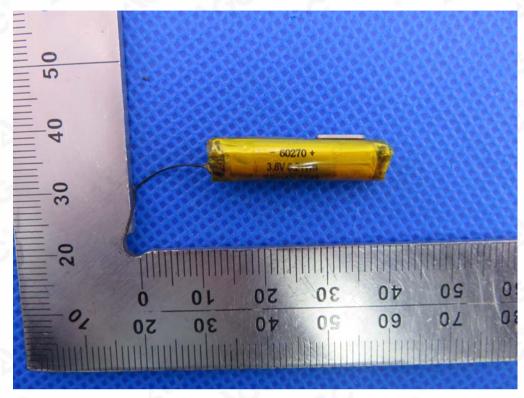


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Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,



## VIEW OF BATTERY



VIEW OF EUT(PORT)-right





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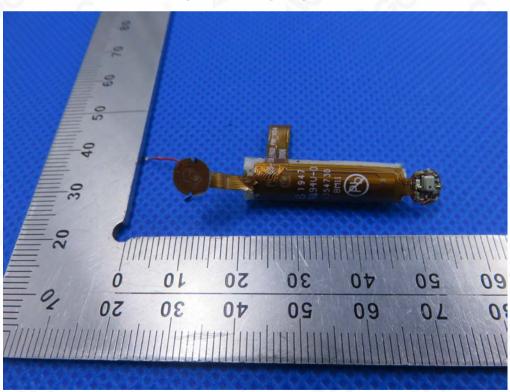
Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,



## **OPEN VIEW OF EUT-1**



**OPEN VIEW OF EUT-2** 



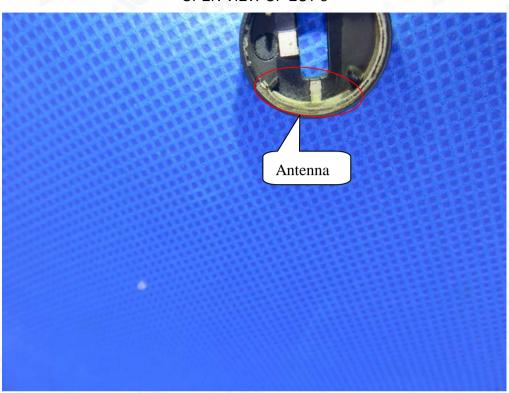


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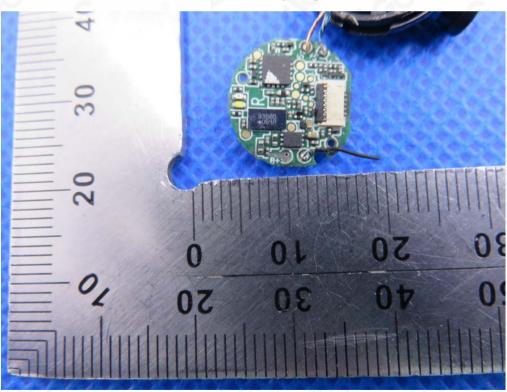
Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,



## **OPEN VIEW OF EUT-3**



## **INTERNAL VIEW OF EUT-1**

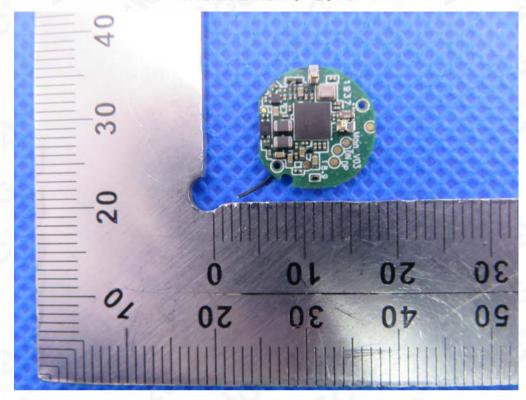




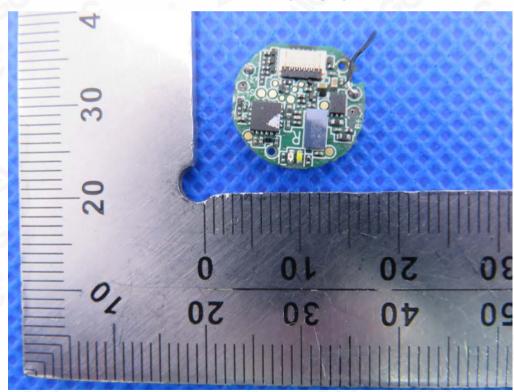
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Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,





**INTERNAL VIEW OF EUT-3** 

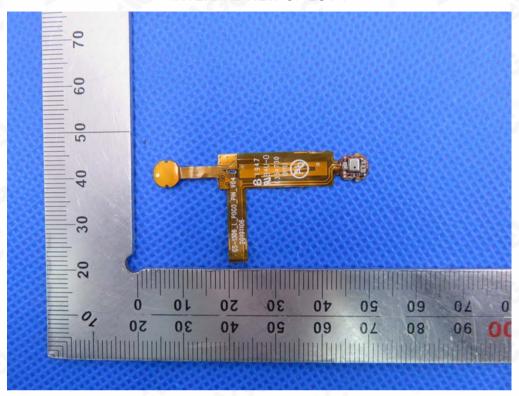




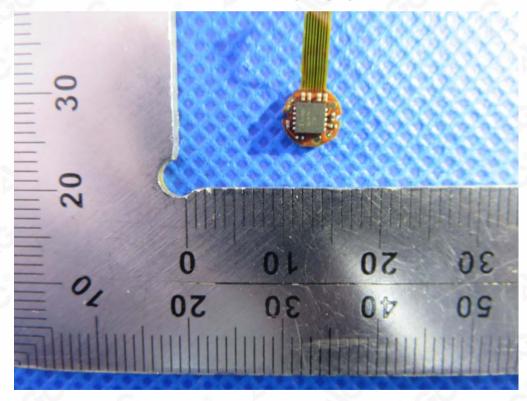
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Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,





**INTERNAL VIEW OF EUT-5** 

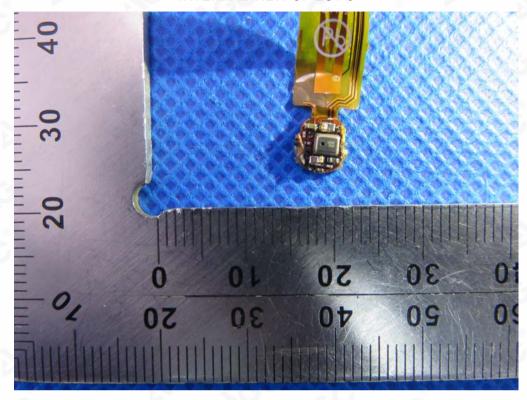




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**VIEW OF BATTERY** 



----END OF REPORT----



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Add: 2/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,