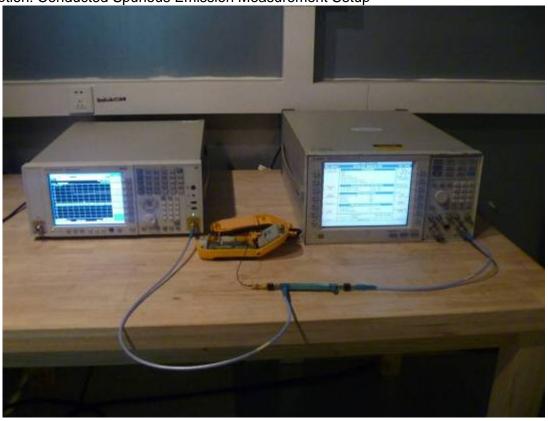
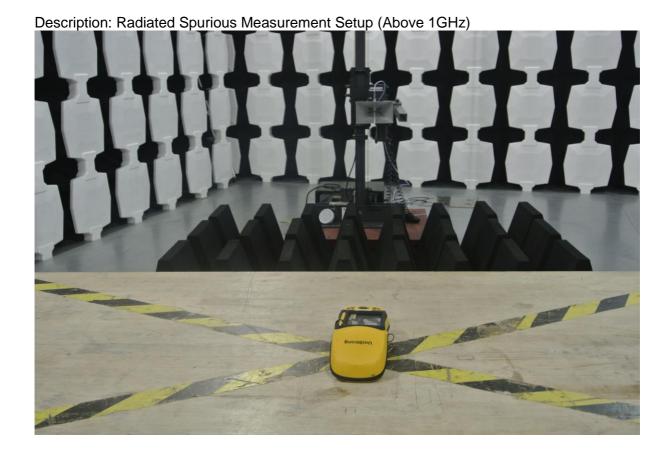
# 7.7. Test Photograph

Description: Conducted Spurious Emission Measurement Setup





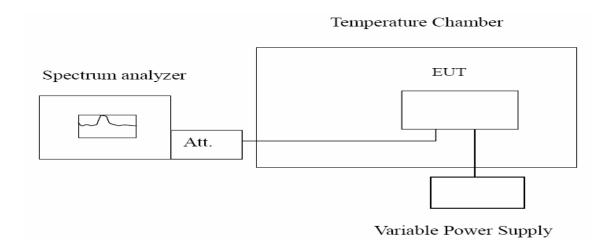


# 8. Frequency Stability Under Temperature & Voltage Variations

# 8.1. Test Equipment

| Instrument                 | Manufacturer | Model    | Serial No.        | Cali. Due Date |
|----------------------------|--------------|----------|-------------------|----------------|
| Spectrum Analyzer          | Agilent      | N9038A   | MY51210142        | 2013.09.27     |
| Radio Communication Tester | Agilent      | E5515C   | GB46581718        | 2013.10.25     |
| DC Power Supply            | Agilent      | 6612C    | MY43002989        | 2013.01.17     |
| DC Power Supply            | ITECH        | IT5612   | 01600210661201014 | 2013.11.16     |
| Temperature Chamber        | WEISS        | DU/20/40 | 58226017340050    | 2013.12.04     |

# 8.2. Test Setup



#### 8.3. Limit

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

| Limit | $<\pm2.5$ ppm |
|-------|---------------|

#### 8.4. Test Procedure

### **Frequency Stability Under Temperature Variations:**

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure

EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +80°C reached.

## Frequency Stability Under Voltage Variations:

Set chamber temperature to  $20^{\circ}$ C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ( $\pm$ 15%) and endpoint, record the maximum frequency change.

### 8.5. Uncertainty

The measurement uncertainty is defined as  $\pm$  10 Hz.

## 8.6. Test Result

### GPRS850

Frequency Stability under Temperature

| Temperature  | Test Frequency | Deviation | Limit |
|--------------|----------------|-----------|-------|
| Interval (℃) | (MHz)          | (Hz)      | (Hz)  |
| -20          | 836.40         | -27.92    | ±2091 |
| -10          | 836.40         | -23.41    | ±2091 |
| 0            | 836.40         | -13.23    | ±2091 |
| 10           | 836.40         | -12.42    | ±2091 |
| 20           | 836.40         | -19.61    | ±2091 |
| 30           | 836.40         | -34.32    | ±2091 |
| 40           | 836.40         | -32.42    | ±2091 |
| 50           | 836.40         | -44.74    | ±2091 |
| 60           | 836.40         | -38.93    | ±2091 |

| DC Voltage<br>(V) | Test Frequency<br>(MHz) | Deviation<br>(Hz) | Limit<br>(Hz) |
|-------------------|-------------------------|-------------------|---------------|
| 3.6               | 836.40                  | -16.80            | ±2091         |
| 3.7               | 836.40                  | -21.24            | ±2091         |
| 4.2               | 836.40                  | -31.79            | ±2091         |

## GPRS1900

Frequency Stability under Temperature

| Temperature<br>Interval (℃) | Test Frequency<br>(MHz) | Deviation<br>(Hz) | Limit<br>(Hz) |
|-----------------------------|-------------------------|-------------------|---------------|
| -20                         | 1880.00                 | -25.89            | ±4700         |
| -10                         | 1880.00                 | -26.54            | ±4700         |
| 0                           | 1880.00                 | -22.48            | ±4700         |
| 10                          | 1880.00                 | -28.53            | ±4700         |
| 20                          | 1880.00                 | -32.12            | ±4700         |
| 30                          | 1880.00                 | -44.31            | ±4700         |
| 40                          | 1880.00                 | -56.21            | ±4700         |
| 50                          | 1880.00                 | -51.75            | ±4700         |
| 60                          | 1880.00                 | -59.89            | ±4700         |

| Troquonoy Otability and | or vonago               |                   |               |
|-------------------------|-------------------------|-------------------|---------------|
| DC Voltage<br>(V)       | Test Frequency<br>(MHz) | Deviation<br>(Hz) | Limit<br>(Hz) |
| 3.6                     | 1880.00                 | -11.26            | ±4700         |
| 3.7                     | 1880.00                 | -19.17            | ±4700         |
| 4.2                     | 1880.00                 | -24.17            | ±4700         |

## EDGE850

Frequency Stability under Temperature

| Temperature  | Test Frequency | Deviation | Limit |
|--------------|----------------|-----------|-------|
| Interval (℃) | (MHz)          | (Hz)      | (Hz)  |
| -20          | 836.40         | -26.81    | ±2091 |
| -10          | 836.40         | -24.32    | ±2091 |
| 0            | 836.40         | -15.44    | ±2091 |
| 10           | 836.40         | -11.85    | ±2091 |
| 20           | 836.40         | -21.43    | ±2091 |
| 30           | 836.40         | -33.32    | ±2091 |
| 40           | 836.40         | -31.51    | ±2091 |
| 50           | 836.40         | -43.63    | ±2091 |
| 60           | 836.40         | -37.86    | ±2091 |

| . , , , , , , , , , , , , , , , , , , , |                         |                   |               |
|-----------------------------------------|-------------------------|-------------------|---------------|
| DC Voltage<br>(V)                       | Test Frequency<br>(MHz) | Deviation<br>(Hz) | Limit<br>(Hz) |
| 3.6                                     | 836.40                  | -15.84            | ±2091         |
| 3.7                                     | 836.40                  | -19.42            | ±2091         |
| 4.2                                     | 836.40                  | -32.74            | ±2091         |

## EDGE1900

Frequency Stability under Temperature

| - reducine y extension y arriver remperature |                         |                   |               |  |
|----------------------------------------------|-------------------------|-------------------|---------------|--|
| Temperature<br>Interval (℃)                  | Test Frequency<br>(MHz) | Deviation<br>(Hz) | Limit<br>(Hz) |  |
| -20                                          | 1880.00                 | -24.67            | ±4700         |  |
| -10                                          | 1880.00                 | -25.58            | ±4700         |  |
| 0                                            | 1880.00                 | -23.56            | ±4700         |  |
| 10                                           | 1880.00                 | -27.48            | ±4700         |  |
| 20                                           | 1880.00                 | -31.34            | ±4700         |  |
| 30                                           | 1880.00                 | -46.56            | ±4700         |  |
| 40                                           | 1880.00                 | -54.27            | ±4700         |  |
| 50                                           | 1880.00                 | -53.67            | ±4700         |  |
| 60                                           | 1880.00                 | -58.76            | ±4700         |  |

| Troquority Clability and | ior ronago              | _                 |               |
|--------------------------|-------------------------|-------------------|---------------|
| DC Voltage<br>(V)        | Test Frequency<br>(MHz) | Deviation<br>(Hz) | Limit<br>(Hz) |
| 3.6                      | 1880.00                 | -13.27            | ±4700         |
| 3.7                      | 1880.00                 | -18.32            | ±4700         |
| 4.2                      | 1880.00                 | -25.37            | ±4700         |

# 8.7. Test Photograph



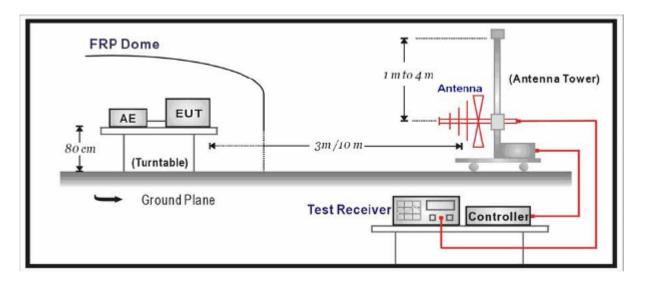
# 9. Receiver Spurious Emission for RSS 132/133

# 9.1. Test Equipment

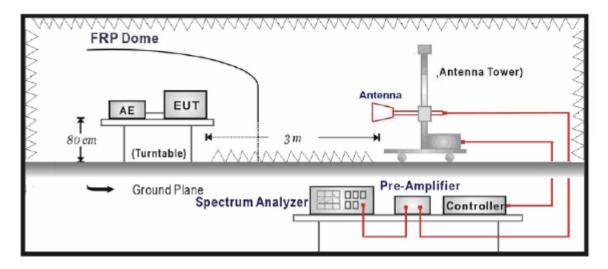
| Instrument                 | Manufacturer | Model     | Serial No. | Cali. Due Date |
|----------------------------|--------------|-----------|------------|----------------|
| Spectrum Analyzer          | Agilent      | N9038A    | MY51210142 | 2013.09.27     |
| Radio Communication Tester | Agilent      | E5515C    | GB46581718 | 2013.10.25     |
| Signal Generator           | Agilent      | N5183A    | MY50140938 | 2013.10.08     |
| Preamplifier               | CEM          | EM30180   | 3008A0245  | 2014.03.01     |
| DC Power Supply            | Agilent      | 6612C     | MY43002989 | 2014.03.04     |
| Bilog Antenna              | Schwarzbeck  | VULB9160  | 9160-3316  | 2013.09.19     |
| VHF-UHF-Biconical Antenna  | Schwarzbeck  | VUBA9117  | 9117-263   | 2013.09.19     |
| Broad-Band Horn Antenna    | Schwarzbeck  | BBHA9120D | 9120D-942  | 2013.09.19     |
| Broad-Band Horn Antenna    | Schwarzbeck  | BBHA9120D | 9120D-943  | 2013.09.19     |

## 9.2. Test Setup

Below 1GHz Test Setup



### Above 1GHz Test Setup



#### **9.3. Limit**

According to Standard RSS132/133 refer to RSS-Gen Issu 3.

| Field Strength micro-volts/m at 3 meters |          |          |  |  |
|------------------------------------------|----------|----------|--|--|
| Frequency                                | Distance | Level    |  |  |
| (MHz)                                    | (m)      | (dBuV/m) |  |  |
| 30 - 88                                  | 3        | 40       |  |  |
| 88 - 216                                 | 3        | 43.5     |  |  |
| 216 - 960                                | 3        | 46       |  |  |
| Above 960                                | 3        | 54       |  |  |

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: E field strength  $(dBuV/m) = 20 \log E$  field strength (uV/m).

### 9.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 10 meters. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement. On any frequency or frequencies below or equal to 1000 MHz, the radiated limits shown are based on

measuring equipment employing a quasi-peak detector function and above 100MHz, the radiated limits shown are based measuring equipment employing an average detector function.

When average radiated emission measurement are included emission measurement Above 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

For class A, the measurement distance between the EUT and antenna is 10 meters for below 1GHz and above 1GHz.

For class B, the measurement distance between the EUT and antenna is 10 meters for below 1GHz and 3 meters for above 1GHz.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

**Note:** When measurement above 1GHz, the horn antenna will bend down a little (as horn antenna have the narrow beamwidth) in order to find the maximum emission of EUT.

### 9.5. Uncertainty

The measurement uncertainty is defined as 3.1 dB for Radiated Power Measurement.

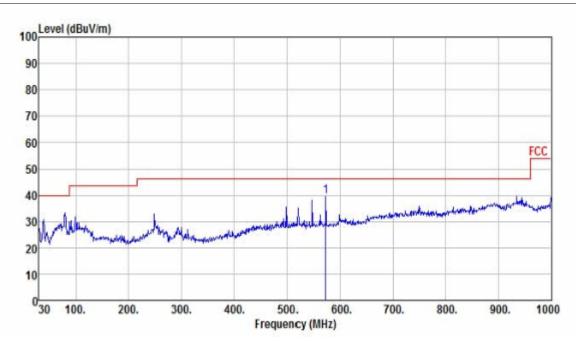
#### 9.6. Test Result

No significant emissions measurable. Plots reported here represent the worse case emissions.

Page: 66 of 93

Prob : VULB9160(30M-1G) Polarity: Horizontal

GSM 850 Idle

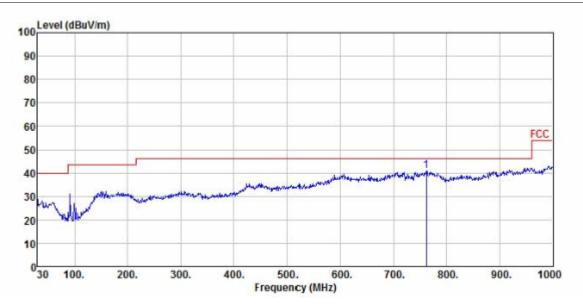


| N<br>0 | Freq          | Read<br>Level | Atenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level           | Limit<br>Line   | Over<br>Limit | Rema<br>rk |
|--------|---------------|---------------|------------------|---------------|------------------|-----------------|-----------------|---------------|------------|
| 1      | 572.23<br>MHz | 8.09<br>dBuV  | 28.27<br>dB/m    | 3.23<br>dB    | 0.00<br>dB       | 39.59<br>dBuV/m | 46.00<br>dBuV/m | -6.41<br>dB   | QP         |

Prob : VULB9160(30M-1G)

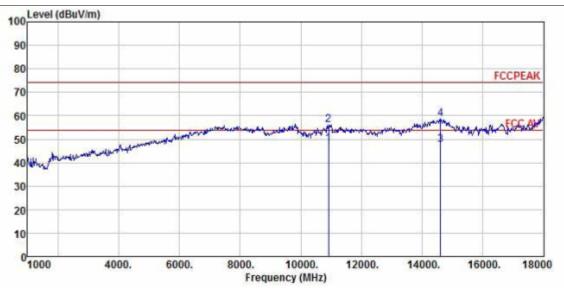
Polarity: Vertical

GSM 850 Idle

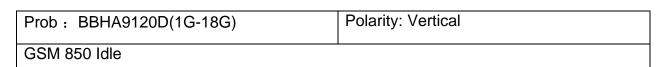


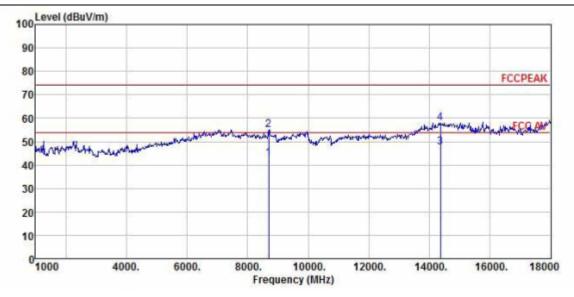
| NO | Freq          | Read<br>Level | Atenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level           | Limit<br>Line   | Over<br>Limit | Remark |
|----|---------------|---------------|------------------|---------------|------------------|-----------------|-----------------|---------------|--------|
| 1  | 761.38<br>MHz | -3.15<br>dBuV | 40.33<br>dB/m    | 3.70<br>dB    | 0.00<br>dB       | 40.88<br>dBuV/m | 46.00<br>dBuV/m | -5.12<br>dB   | QP     |

Prob : BBHA9120D(1G-18G) Polarity: Horizontal
GSM 850 Idle

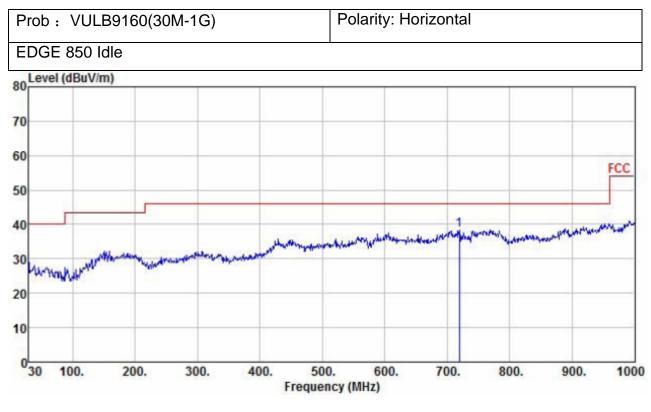


| NO | Freq         | Read          | Atenna        | Cable       | Preamp      | Level           | Limit           | Over         | Remar |
|----|--------------|---------------|---------------|-------------|-------------|-----------------|-----------------|--------------|-------|
|    |              | Level         | Factor        | Loss        | Factor      |                 | Line            | Limit        | k     |
| 1  | 10911        | 39.09         | 40.28         | 15.65       | 38.94       | 48.07           | 74.00           | -17.92       | Peak  |
|    | MHz          | dBuV          | dB/m          | dB          | dB          | dBuV/m          | dBuV/m          | dB           |       |
| 2  | 10911<br>MHz | 20.08<br>dBuV | 40.28<br>dB/m | 15.65<br>dB | 38.94<br>dB | 37.07<br>dBuV/m | 54.00<br>dBuV/m | -16.93<br>dB | AV    |
| 3  | 14600<br>MHz | 14.54<br>dBuV | 42.43<br>dB/m | 18.66<br>dB | 38.11<br>dB | 37.52<br>dBuV/m | 54.00<br>dBuV/m | -16.48<br>dB | AV    |
| 4  | 14600<br>MHz | 35.55<br>dBuV | 42.43<br>dB/m | 18.66<br>dB | 38.11<br>dB | 58.53<br>dBuV/m | 74.00<br>dBuV/m | -15.47<br>dB | Peak  |

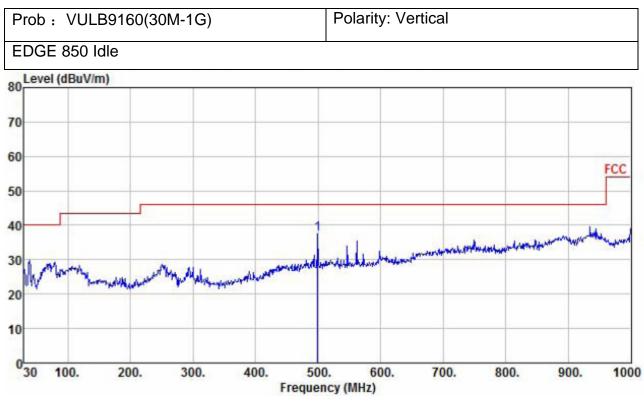




| NO     | Freq  | Read  | Atenna | Cable | Preamp   | Level    | Limit  | Over   | Remar |
|--------|-------|-------|--------|-------|----------|----------|--------|--------|-------|
|        |       | Level | Factor | Loss  | Factor   |          | Line   | Limit  | k     |
|        |       |       |        |       |          |          |        |        |       |
| 1      | 8701  | 45.40 | 36.90  | 13.40 | 40.77    | 54.93    | 74.00  | -19.07 | Peak  |
|        | MHz   | dBuV  | dB/m   | dB    | dB       | dBuV/m   | dBuV/m | dB     |       |
|        |       |       |        |       |          |          |        |        |       |
| 2      | 8701  | 23.38 | 36.90  | 13.40 | 40.77    | 32.91    | 54.00  | -21.09 | AV    |
|        | MHz   | dBuV  | dB/m   | dB    | dB       | dBuV/m   | dBuV/m | dB     |       |
|        |       |       |        |       |          |          |        |        |       |
| 3      | 14362 | 14.58 | 42.43  | 19.06 | 38.34    | 37.73    | 54.00  | -16.27 | AV    |
|        | MHz   | dBuV  | dB/m   | dB    | dB       | dBuV/m   | dBuV/m | dB     |       |
|        |       |       |        | -     |          |          |        |        |       |
| 4      | 14362 | 34.86 | 42.43  | 19.06 | 38.34    | 58.01    | 74.00  | -15.99 | Peak  |
|        | MHz   | dBuV  | dB/m   | dB    | dB       | dBuV/m   | dBuV/m | dB     |       |
|        |       |       | - ,    |       |          |          |        |        |       |
| $\Box$ |       |       |        |       | <u> </u> | <u> </u> |        | L      |       |



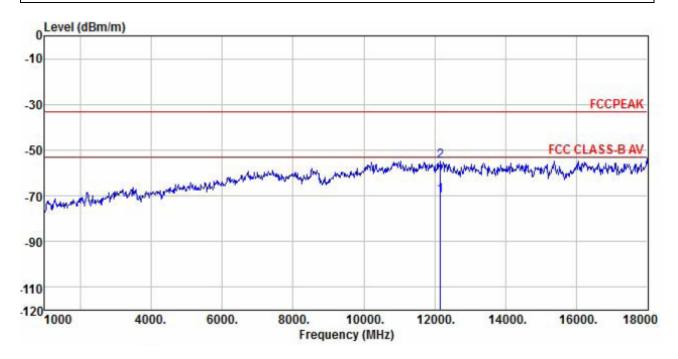
| N<br>O | Freq          | Read<br>Level | Atenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level           | Limit<br>Line   | Over<br>Limit | Rema<br>rk |
|--------|---------------|---------------|------------------|---------------|------------------|-----------------|-----------------|---------------|------------|
| 1      | 719.67<br>MHz | -4.03<br>dBuV | 38.58<br>dB/m    | 3.70<br>dB    | 0.00<br>dB       | 38.25dB<br>uV/m | 46.00<br>dBuV/m | -7.75<br>dB   | QP         |



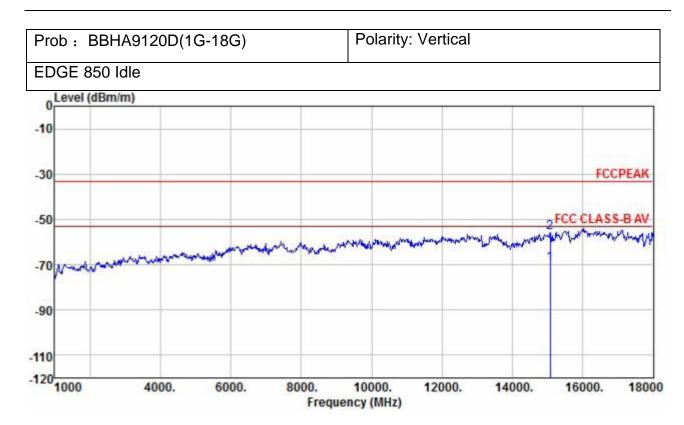
| N<br>O | Freq          | Read<br>Level | Atenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level           | Limit<br>Line   | Over<br>Limit | Rema<br>rk |
|--------|---------------|---------------|------------------|---------------|------------------|-----------------|-----------------|---------------|------------|
| 1      | 499.48<br>MHz | 5.53<br>dBuV  | 28.79<br>dB/m    | 3.03<br>dB    | 0.00<br>dB       | 37.35<br>dBuV/m | 46.00<br>dBuV/m | -8.65<br>dB   | QP         |

Prob : BBHA9120D(1G-18G) Polarity: Horizontal

EDGE 850 Idle

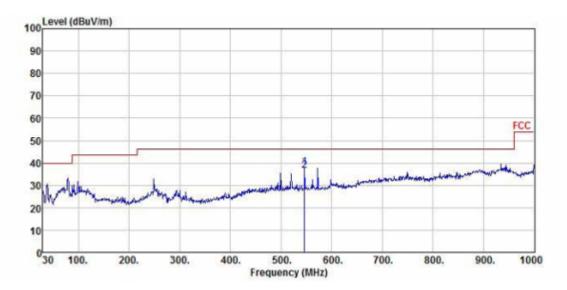


| NO | Freq  | Read   | Atenna | Cable | Preamp | Level  | Limit  | Over   | Remar |
|----|-------|--------|--------|-------|--------|--------|--------|--------|-------|
|    |       | Level  | Factor | Loss  | Factor |        | Line   | Limit  | k     |
|    |       |        |        |       |        |        |        |        |       |
| 1  | 12152 | -98.36 | 51.17  | 16.34 | 38.25  | -70.10 | 54.00  | -37.11 | AV    |
|    | MHz   | dBuV   | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |       |
|    |       |        |        |       |        |        |        |        |       |
| 2  | 12152 | -83.25 | 51.17  | 16.34 | 39.25  | -54.29 | 74.00  | -22.00 | Peak  |
|    | MHz   | dBuV   | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |       |
|    |       |        | - ,    |       |        |        |        |        |       |
|    |       |        |        |       |        |        |        |        |       |

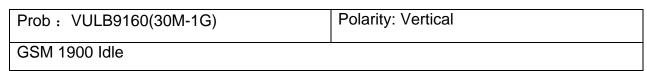


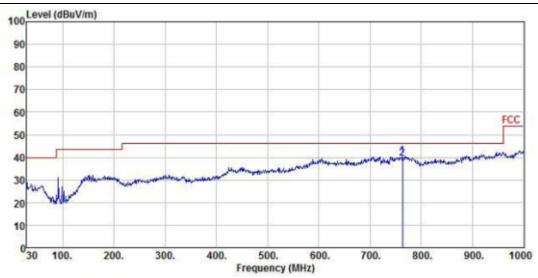
| NO | Freq  | Read    | Atenna | Cable | Preamp | Level  | Limit  | Over   | Remar |
|----|-------|---------|--------|-------|--------|--------|--------|--------|-------|
|    |       | Level   | Factor | Loss  | Factor |        | Line   | Limit  | k     |
|    |       |         |        |       |        |        |        |        |       |
| 1  | 15076 | -100.75 | 51.32  | 17.68 | 37.76  | -69.51 | 54.00  | -36.52 | AV    |
|    | MHz   | dBuV    | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |       |
|    |       |         |        |       |        |        |        |        |       |
| 2  | 15076 | -87.02  | 51.32  | 17.68 | 37.76  | -55.78 | 74.00  | -22.79 | Peak  |
|    | MHz   | dBuV    | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |       |
|    |       |         |        |       |        |        |        |        |       |

| Prob : VULB9160(30M-1G) | Polarity: Horizontal |
|-------------------------|----------------------|
| GSM 1900 Idle           |                      |

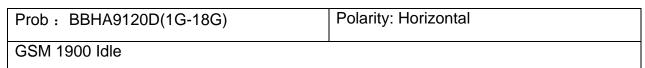


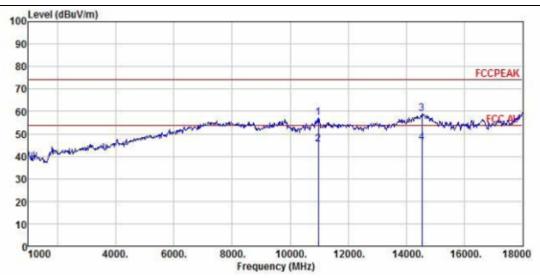
| N<br>O | Freq          | Read<br>Level | Atenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level           | Limit<br>Line   | Over<br>Limit | Rema<br>rk |
|--------|---------------|---------------|------------------|---------------|------------------|-----------------|-----------------|---------------|------------|
| 2      | 546.04<br>MHz | 5.00<br>dBuV  | 28.27<br>dB/m    | 3.15<br>dB    | 0.00<br>dB       | 36.42<br>dBuV/m | 46.00<br>dBuV/m | -9.58<br>dB   | QP         |



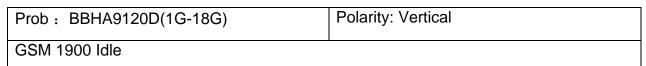


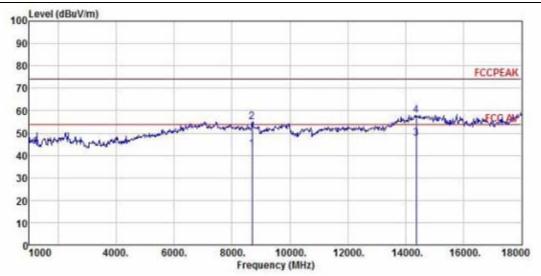
| NO | Freq          | Read<br>Level | Atenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level           | Limit<br>Line   | Over<br>Limit | Remark |
|----|---------------|---------------|------------------|---------------|------------------|-----------------|-----------------|---------------|--------|
| 2  | 763.32<br>MHz | -4.07<br>dBuV | 40.33<br>dB/m    | 3.70<br>dB    | 0.00<br>dB       | 39.35<br>dBuV/m | 46.00<br>dBuV/m | -6.65<br>dB   | QP     |



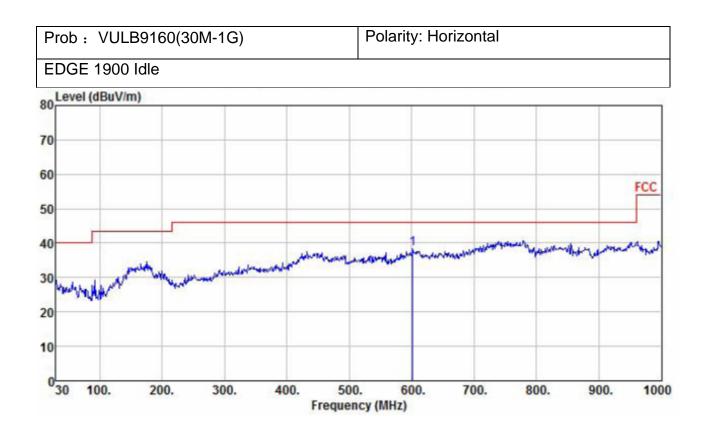


| NO | Freq         | Read<br>Level | Atenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level           | Limit<br>Line   | Over<br>Limit | Remark |
|----|--------------|---------------|------------------|---------------|------------------|-----------------|-----------------|---------------|--------|
|    |              | LCVCI         | 1 40101          | 2000          | 1 40101          |                 | LIIIO           |               |        |
| 1  | 10979<br>MHz | 28.33<br>dBuV | 40.30<br>dB/m    | 15.71<br>dB   | 38.91<br>dB      | 45.43<br>dBuV/m | 74.00<br>dBuV/m | -28.5<br>7 dB | Peak   |
| 2  | 10979<br>MHz | 9.21<br>dBuV  | 40.30<br>dB/m    | 15.71<br>dB   | 38.91<br>dB      | 26.31<br>dBuV/m | 54.00<br>dBuV/m | -27.6<br>9 dB | AV     |
| 3  | 14532<br>MHz | 19.98<br>dBuV | 42.52<br>dB/m    | 18.80<br>dB   | 38.17<br>dB      | 43.13<br>dBuV/m | 54.00<br>dBuV/m | -10.8<br>7 dB | AV     |
| 4  | 14532<br>MHz | 40.21<br>dBuV | 42.52<br>dB/m    | 18.80<br>dB   | 38.17<br>dB      | 46.14<br>dBuV/m | 74.00<br>dBuV/m | -27.8<br>6 dB | Peak   |



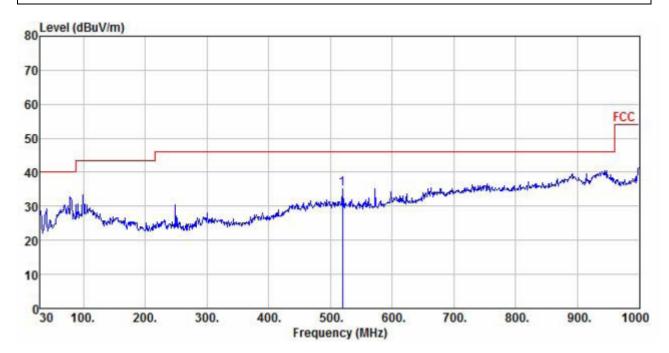


| NO | Freq  | Read  | Atenna | Cable | Preamp   | Level    | Limit  | Over   | Remar |
|----|-------|-------|--------|-------|----------|----------|--------|--------|-------|
|    |       | Level | Factor | Loss  | Factor   |          | Line   | Limit  | k     |
|    |       |       |        |       |          |          |        |        |       |
| 1  | 8701  | 45.40 | 36.90  | 13.40 | 40.77    | 54.93    | 74.00  | -19.07 | Peak  |
|    | MHz   | dBuV  | dB/m   | dB    | dB       | dBuV/m   | dBuV/m | dB     |       |
|    |       |       |        |       |          |          |        |        |       |
| 2  | 8701  | 26.24 | 36.90  | 13.40 | 40.77    | 35.77    | 54.00  | -18.23 | AV    |
|    | MHz   | dBuV  | dB/m   | dB    | dB       | dBuV/m   | dBuV/m | dB     |       |
|    |       |       |        |       |          |          |        |        |       |
| 3  | 14412 | 17.01 | 42.50  | 18.71 | 38.29    | 39.92    | 54.00  | -14.08 | AV    |
|    | MHz   | dBuV  | dB/m   | dB    | dB       | dBuV/m   | dBuV/m | dB     |       |
|    |       |       |        |       |          |          |        |        |       |
| 4  | 14413 | 36.14 | 42.50  | 18.71 | 38.29    | 59.06    | 74.00  | -14.94 | Peak  |
|    | MHz   | dBuV  | dB/m   | dB    | dB       | dBuV/m   | dBuV/m | dB     |       |
|    |       |       |        |       |          |          |        |        |       |
| L  |       |       |        |       | <u> </u> | <u> </u> |        | 1      |       |

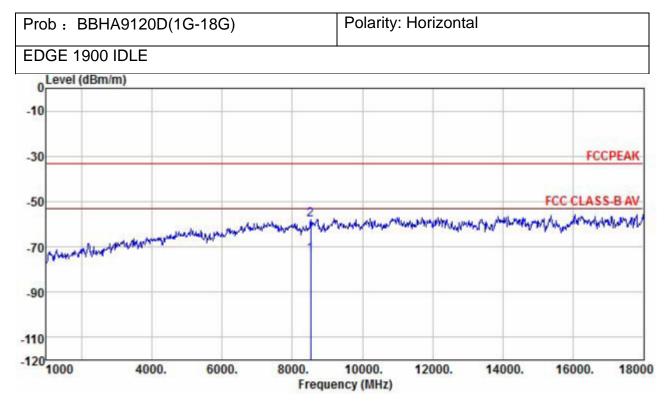


| N<br>O | Freq          | Read<br>Level | Atenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level           | Limit<br>Line   | Over<br>Limit | Rema<br>rk |
|--------|---------------|---------------|------------------|---------------|------------------|-----------------|-----------------|---------------|------------|
| 1      | 601.33<br>MHz | -1.64<br>dBuV | 36.60<br>dB/m    | 3.34<br>dB    | 0.00<br>dB       | 38.30<br>dBuV/m | 46.00<br>dBuV/m | -7.70<br>dB   | QP         |

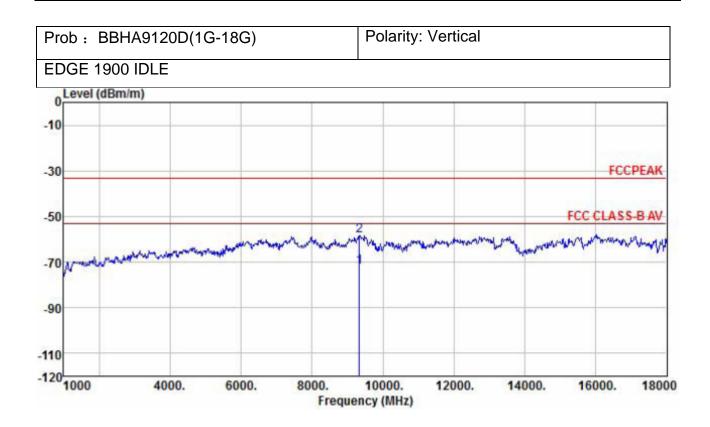
| Prob : VULB9160(30M-1G) | Polarity: Vertical |
|-------------------------|--------------------|
| EDGE 1900 Idle          |                    |



| N | Freq   | Read  | Atenna | Cable | Preamp | Level  | Limit  | Over   | Rema |
|---|--------|-------|--------|-------|--------|--------|--------|--------|------|
| 0 |        | Level | Factor | Loss  | Factor |        | Line   | Limit  | rk   |
|   |        |       |        |       |        |        |        |        |      |
| 1 | 519.85 | 2.88  | 29.09  | 3.10  | 0.00   | 35.07  | 46.00  | -10.93 | QP   |
|   | MHz    | dBuV  | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |      |
|   |        |       |        |       |        |        |        |        |      |



| NO | Freq | Read   | Atenna | Cable | Preamp | Level  | Limit  | Over   | Remar |
|----|------|--------|--------|-------|--------|--------|--------|--------|-------|
| -  |      | Level  | Factor | Loss  | Factor |        | Line   | Limit  | k     |
|    |      |        |        |       |        |        |        |        |       |
| 1  | 8531 | -95.35 | 49.25  | 13.29 | 40.54  | -73.35 | 74.00  | -40.36 | AV    |
|    | MHz  | dBuV   | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |       |
|    |      |        |        |       |        |        |        |        |       |
| 2  | 8531 | -80.05 | 49.25  | 13.29 | 40.54  | -58.05 | 54.00  | -25.06 | Peak  |
|    | MHz  | dBuV   | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |       |
|    |      |        |        |       |        |        |        |        |       |



| NO | Freq | Read   | Atenna | Cable | Preamp | Level  | Limit  | Over   | Remar |
|----|------|--------|--------|-------|--------|--------|--------|--------|-------|
|    |      | Level  | Factor | Loss  | Factor |        | Line   | Limit  | k     |
|    |      |        |        |       |        |        |        |        |       |
| 1  | 9330 | -96.65 | 51.13  | 14.06 | 40.61  | -72.07 | 74.00  | -39.08 | AV    |
|    | MHz  | dBuV   | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |       |
|    |      |        |        |       |        |        |        |        |       |
| 2  | 9330 | -82.95 | 51.13  | 14.06 | 40.61  | -58.37 | 54.00  | -25.38 | Peak  |
|    | MHz  | dBuV   | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |       |
|    |      |        |        |       |        |        |        |        |       |

## 10.Attachment

## **EUT Photograph**

View of EUT-1



View of EUT-2



View of EUT-3

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View of EUT-4



View of EUT-5



View of EUT-6



View of EUT-7

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View of EUT-8



View of EUT-9

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View of EUT-10



View of EUT-11

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View of EUT-12

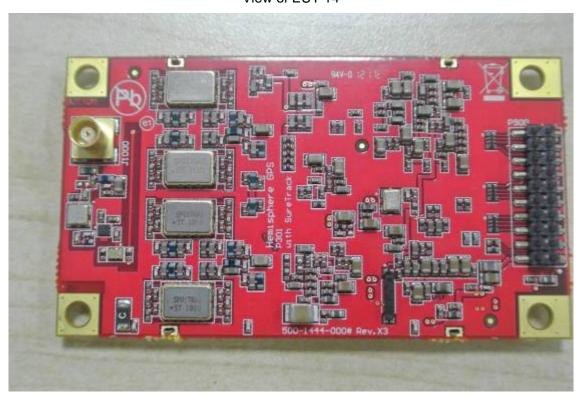


View of EUT-13

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View of EUT-14

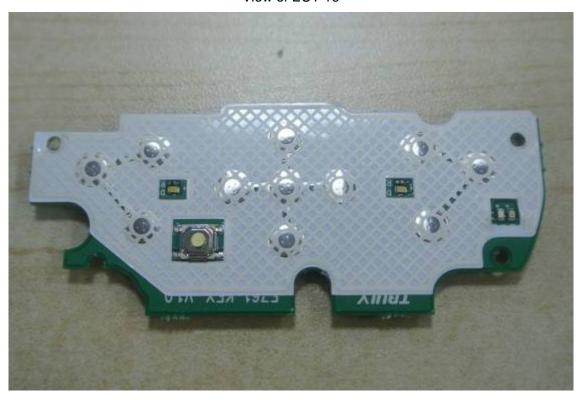


View of EUT-15

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View of EUT-16



View of EUT-17



View of EUT-18



View of EUT-19



View of EUT-20



## View of EUT-21



View of EUT-22



----End of the report----