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Certificate #4338.01

SAR TEST REPORT

Report No.: STS2008324H03

Issued for

RTX HONG KONG LTD

8TH FL CORPORATION SQUARE, 8 LAM LOK ST.,
KOWLOON BAY, HK.

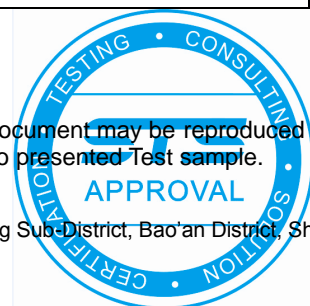
| | |
|-----------------------|-----------------------------|
| Product Name: | Wireless Headset |
| Brand Name: | Poly |
| Model Name: | Rove 40 |
| Series Model: | Rove 30 |
| IC ID: | 4979B-CT8652 |
| Test Standard: | RSS 102 Issue 5, March 2015 |
| | IEEE 1528:2013 |
| | IEC 62209-2: 2010 |
| Max. Report | Head: 0.054 W/kg |
| SAR (1g): | Body: 0.027 W/kg |

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ShenZhen STS Test Services Co.,Ltd.

A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

TEL: +86-755 3688 6288 FAX: +86-755 3688 6277 E-mail: sts@stsapp.com





Test Report Certification

Applicant's name: RTX HONG KONG LTD
Address: 8TH FL CORPORATION SQUARE, 8 LAM LOK ST., KOWLOON BAY, HK.
Manufacture's Name: RTX HONG KONG LTD
Address: 8TH FL CORPORATION SQUARE, 8 LAM LOK ST., KOWLOON BAY, HK.

Product description

Product name: Wireless Headset
Brand name: Poly
Model name: Rove 40
Series Model.....: Rove 30
RSS 102 Issue 5, March 2015
Standards: IEEE 1528:2013
IEC 62209-2: 2010

The device was tested by Shenzhen STS Test Services Co., Ltd. in accordance with the measurement methods and procedures specified in KDB 865664. The test results in this report apply only to the tested sample of the stated device/equipment. Other similar device/equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Date of Test

Date (s) of performance of tests: 31 Aug. 2020
Date of Issue: 27 Sept. 2020
Test Result.....: **Pass**

Testing Engineer :

Aaron Bu

(Aaron Bu)

Technical Manager :

Sean She

(Jason Lu)

Authorized Signatory :

Vita Li

(Vita Li)





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**Revision History**

| Rev. | Issue Date | Report No. | Effect Page | Contents |
|---|---------------|---------------|-------------|---------------|
| 00 | 27 Sept. 2020 | STS2008324H03 | ALL | Initial Issue |
| Note: Format version of the report - V01 | | | | |





1. General Information

Environmental evaluation measurements of specific absorption rate (SAR) distributions in emulated human head and body tissues exposed to radio frequency (RF) radiation from wireless portable devices for compliance with the rules and regulations of the U.S. Federal Communications Commission (FCC).

1.1 EUT Description

| | | | | | |
|---|--|---------------------|-----|------------|------------|
| Product Name | Wireless Headset | | | | |
| Brand Name | Poly | | | | |
| Model Name | Rove 40 | | | | |
| Series Model | Rove 30 | | | | |
| Battery | Rated Voltage: 3.7V Capacity: 1100mAh | | | | |
| Device Category | Portable | | | | |
| Product stage | Production unit | | | | |
| RF Exposure Environment | General Population / Uncontrolled | | | | |
| Hardware Version | V02 | | | | |
| Software Version | V0710 | | | | |
| Frequency Range | 1921.536 MHz ~ 1928.448 MHz | | | | |
| Max. Reported SAR(1g): (Limit:1.6W/kg) | Band | Mode | Ant | Head(W/kg) | Body(W/kg) |
| | PUE | DECT-PP | 0 | 0.015 | 0.014 |
| | | | 1 | 0.007 | 0.007 |
| | DTS | BLE ^{Note} | / | 0.054 | 0.027 |
| 1-g Sum SAR | | | | 0.069 | 0.041 |
| FCC Equipment Class | Part 15 Unlicensed PCS portable Tx held to ear (PUE) Part 15 Spread Spectrum Transmitter (DSS) Digital Transmission System (DTS) | | | | |
| Operating Mode | DECT: GFSK Bluetooth: 4.2 + EDR (GFSK, $\pi/4$ DQPSK, 8DPSK) BLE: GFSK | | | | |
| Antenna Specification | DECT ANT0: PCB antenna DECT ANT1: wire antenna BT: PCB Antenna | | | | |
| Hotspot Mode | Not Support | | | | |
| DTM Mode | Not Support | | | | |
| Note: 1. Bluetooth SAR was estimated. 2. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power. | | | | | |



1.2 Test Environment

Ambient conditions in the SAR laboratory:

| Items | Required |
|------------------|----------|
| Temperature (°C) | 18-25 |
| Humidity (%RH) | 30-70 |

1.3 Test Factory

ShenZhen STS Test Services Co.,Ltd.

A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration No.: 625569

IC Registration No.: 12108A

A2LA Certificate No.: 4338.01





2. Test Standards and Limits

| No. | Identity | Document Title |
|-----|---------------------------|--|
| 1 | 47 CFR Part 2 | Frequency Allocations and Radio Treaty Matters; General Rules and Regulations |
| 2 | ANSI/IEEE Std. C95.1-1992 | IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz |
| 3 | IEEE Std. 1528-2013 | Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques |
| 4 | IEC 62209-2: 2010 | Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Human models, instrumentation, and procedures –Part 2: Procedure to determine the Specific Absorption Rate (SAR) in the head and body for 30MHz to 6GHz Handheld and Body-Mounted Devices used inclose proximity to the body |
| 5 | KDB 447498 D01 v06 | Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies |
| 6 | KDB 865664 D01 v01r04 | SAR Measurement 100 MHz to 6 GHz |
| 7 | KDB 865664 D02 v01r02 | RF Exposure Reporting |

(A). Limits for Occupational/Controlled Exposure (W/kg)

| Whole-Body | Partial-Body | Hands, Wrists, Feet and Ankles |
|------------|--------------|--------------------------------|
| 0.4 | 8.0 | 20.0 |

(B). Limits for General Population/Uncontrolled Exposure (W/kg)

| Whole-Body | Partial-Body | Hands, Wrists, Feet and Ankles |
|------------|--------------|--------------------------------|
| 0.08 | 1.6 | 4.0 |

NOTE: Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1 gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

Population/Uncontrolled Environments:

Are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Occupational/Controlled Environments:

Are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

NOTE

GENERAL POPULATION/UNCONTROLLED EXPOSURE

PARTIAL BODY LIMIT

1.6 W/kg

3. SAR Measurement System

3.1 Definition of Specific Absorption Rate (SAR)

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$SAR = \frac{d}{dt} \left(\frac{dW}{dm} \right) = \frac{d}{dt} \left(\frac{dW}{\rho dv} \right)$$

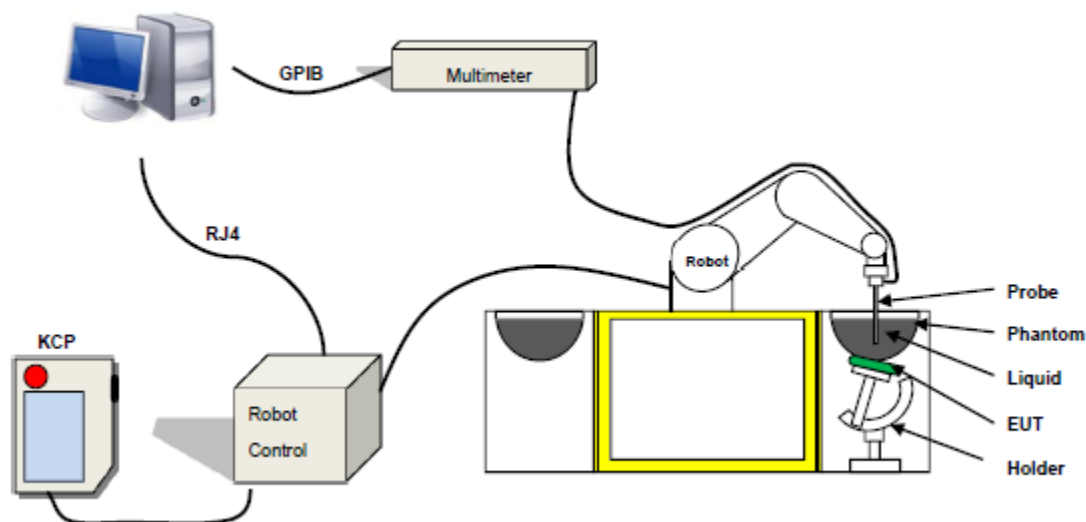
SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

$$SAR = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue,
ρ is the mass density of the tissue and E is the RMS electrical field strength.

3.2 SAR System

MVG SAR System Diagram:



COMOSAR is a system that is able to determine the SAR distribution inside a phantom of human being according to different standards. The COMOSAR system consists of the following items:

- Main computer to control all the system
- 6 axis robot
- Data acquisition system
- Miniature E-field probe
- Phone holder
- Head simulating tissue

The following figure shows the system.



The EUT under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The Open SAR software computes the results to give a SAR value in a 1g or 10g mass.

3.2.1 Probe

For the measurements the Specific Dosimetric E-Field Probe SN 41/18 EPG0334 with following specifications is used

- Probe Length: 330 mm
- Length of Individual Dipoles: 2 mm
- Maximum external diameter: 8 mm
- Probe Tip External Diameter: 2.5 mm
- Distance between dipole/probe extremity: 1 mm
- Dynamic range: 0.01-100 W/kg
- Probe linearity: 3%
- Axial Isotropy: < 0.10 dB
- Spherical Isotropy: < 0.10 dB
- Calibration range: 450 MHz to 6 GHz for head & body simulating liquid.
- Angle between probe axis (evaluation axis) and surface normal line: less than 30°



Figure 1-MVG COMOSAR Dosimetric E field Dipole

3.2.2 Phantom

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden table. The thickness of the phantom amounts to 2mm +/- 0.2mm. It enables the dosimetric evaluation of left and right phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.

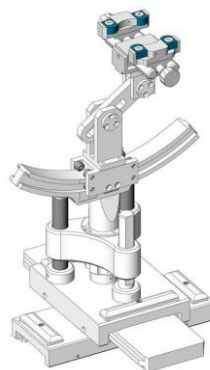


Figure-SN 32/14 SAM115



Figure-SN 32/14 SAM116

3.2.3 Device Holder



The SAR in the phantom is approximately inversely proportional to the square of the distance between the source and the liquid surface. For a source at 5 mm distance, a positioning uncertainty of ± 0.5 mm would produce a SAR uncertainty of ± 20 %. Accurate device positioning is therefore crucial for accurate and repeatable measurements. The positions in which the devices must be measured are defined by the standards.



4. Tissue Simulating Liquids

4.1 Simulating Liquids Parameter Check

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in P1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head and body tissue parameters that have not been specified in P1528 are derived from the tissue dielectric parameters computed from the 4-Cole-Cole equations described in Reference [12] and extrapolated according to the head parameters specified in P1528.

Head Tissue

| Frequency (MHz) | cellulose | DGBE | HEC | NaCl | Preventol | Sugar | X100 | Water | Conductivity | Permittivity |
|-----------------|-----------|------|-----|------|-----------|-------|-------|-------|--------------|--------------|
| | % | % | % | % | % | % | % | % | σ | ϵ_r |
| 750 | 0.2 | / | / | 1.4 | 0.2 | 57.0 | / | 41.1 | 0.89 | 41.9 |
| 835 | 0.2 | / | / | 1.4 | 0.2 | 57.9 | / | 40.3 | 0.90 | 41.5 |
| 900 | 0.2 | / | / | 1.4 | 0.2 | 57.9 | / | 40.3 | 0.97 | 41.5 |
| 1800 | / | 44.5 | / | 0.3 | / | / | 30.45 | 55.2 | 1.4 | 40.0 |
| 1900 | / | 44.5 | / | 0.3 | / | / | 30.45 | 55.2 | 1.4 | 40.0 |
| 2000 | / | 44.5 | / | 0.3 | / | / | / | 55.2 | 1.4 | 40.0 |
| 2450 | / | 44.9 | / | 0.1 | / | / | / | 55.0 | 1.80 | 39.2 |
| 2600 | / | 45.0 | / | 0.1 | / | / | / | 54.9 | 1.96 | 39.0 |

Body Tissue

| Frequency (MHz) | cellulose | DGBE | HEC | NaCl | Preventol | Sugar | X100 | Water | Conductivity | Permittivity |
|-----------------|-----------|------|-----|------|-----------|-------|-------|-------|--------------|--------------|
| | % | % | % | % | % | % | % | % | σ | ϵ_r |
| 750 | 0.2 | / | / | 0.9 | 0.1 | 47.2 | / | 51.7 | 0.96 | 55.5 |
| 835 | 0.2 | / | / | 0.9 | 0.1 | 48.2 | / | 50.8 | 0.97 | 55.2 |
| 900 | 0.2 | / | / | 0.9 | 0.1 | 48.2 | / | 50.8 | 1.05 | 55.0 |
| 1800 | / | 29.4 | / | 0.4 | / | / | 30.45 | 70.2 | 1.52 | 53.3 |
| 1900 | / | 29.4 | / | 0.4 | / | / | 30.45 | 70.2 | 1.52 | 53.3 |
| 2000 | / | 29.4 | / | 0.4 | / | / | / | 70.2 | 1.52 | 53.3 |
| 2450 | / | 31.3 | / | 0.1 | / | / | / | 68.6 | 1.95 | 52.7 |
| 2600 | / | 31.7 | / | 0.1 | / | / | / | 68.2 | 2.16 | 52.3 |

| Tissue dielectric parameters for head and body phantoms | | | | |
|---|--------------|------|-----------------|------|
| Frequency | ϵ_r | | σ S/m | |
| | Head | Body | Head | Body |
| 300 | 45.3 | 58.2 | 0.87 | 0.92 |
| 450 | 43.5 | 56.7 | 0.87 | 0.94 |
| 900 | 41.5 | 55.0 | 0.97 | 1.05 |
| 1450 | 40.5 | 54.0 | 1.20 | 1.30 |
| 1800 | 40.0 | 53.3 | 1.40 | 1.52 |
| 2450 | 39.2 | 52.7 | 1.80 | 1.95 |
| 3000 | 38.5 | 52.0 | 2.40 | 2.73 |
| 5800 | 35.3 | 48.2 | 5.27 | 6.00 |

**LIQUID MEASUREMENT RESULTS**

| Date | Ambient condition | | Head Simulating Liquid | | Parameters | Target | Measured | Deviation [%] | Limited [%] |
|------------|-------------------|--------------|------------------------|------------|--------------|--------|----------|---------------|-------------|
| | Temp. [°C] | Humidity [%] | Frequency | Temp. [°C] | | | | | |
| 2020-08-31 | 23.0 | 50 | 1921.536 MHz | 22.8 | Permittivity | 40 | 40.80 | 2.00 | ±5 |
| | | | | | Conductivity | 1.4 | 1.44 | 2.86 | ±5 |
| 2020-08-31 | 23.0 | 50 | 1928.448 MHz | 22.8 | Permittivity | 40 | 40.46 | 1.15 | ±5 |
| | | | | | Conductivity | 1.4 | 1.42 | 1.43 | ±5 |





6. SAR Evaluation Procedures

The procedure for assessing the average SAR value consists of the following steps:

The following steps are used for each test position

- Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
- Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
- Measurement of the SAR distribution with a grid of 8 to 16mm * 8 to 16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
- Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 * 32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

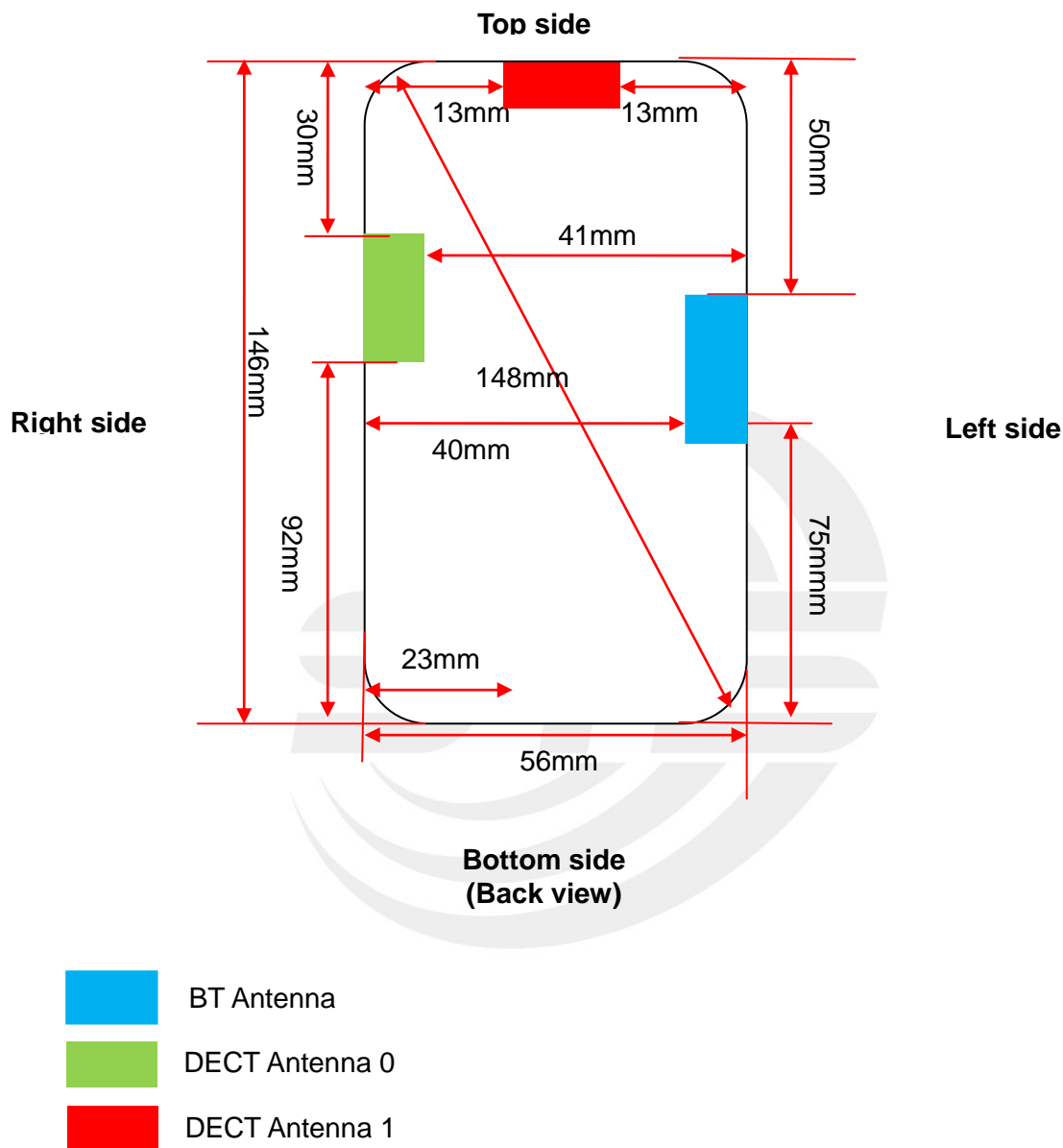
Area Scan& Zoom Scan:

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR -distribution over 10 g. Area scan and zoom scan resolution setting follows KDB 865664 D01v01r01 quoted below.

When the 1-g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.

7. EUT Antenna Location Sketch

It is a Wireless Headset, support DECT/BT mode.



Note 1: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.



7.1 SAR test exclusion consider table

According with FCC KDB 447498 D01, appendix A, <SAR test exclusion thresholds for 100MHz ~6GHz and ≤50mm> table, this device SAR test configurations consider as following:

| Band | Test position configurations | | | | | |
|---------------|------------------------------|------|------------|-----------|----------|-------------|
| | Front | Back | Right edge | Left edge | Top edge | Bottom edge |
| DECT ANT 0 | <5mm | <5mm | <5mm | 41mm | 30mm | 92mm |
| | Yes | Yes | Yes | No | No | No |
| DECT ANT 1 | <5mm | <5mm | 13mm | 13mm | <5mm | 135mm |
| | Yes | Yes | Yes | Yes | No | No |
| BT | <5mm | <5mm | 40mm | <5mm | 50mm | 75mm |
| | Yes | Yes | No | Yes | No | No |

Note:

1. Maximum power is the source-based time-average power and represents the maximum RF output power among production units.
2. Per KDB 447498 D01, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. per KDB 447498 D01, standalone SAR test exclusion threshold is applied; if the distance of the antenna to the user is <5mm, 5mm is user to determine SAR exclusion threshold
4. per KDB 447498 D01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distance ≤50mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, Mw}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$
, f(GHz) is the RF channel transmit frequency in GHz. Power and distance are rounded to the nearest mW and mm before calculation. The result is rounded to one decimal place for comparison

For <50mm distance, we just calculate mW of the exclusion threshold value(3.0)to do compare

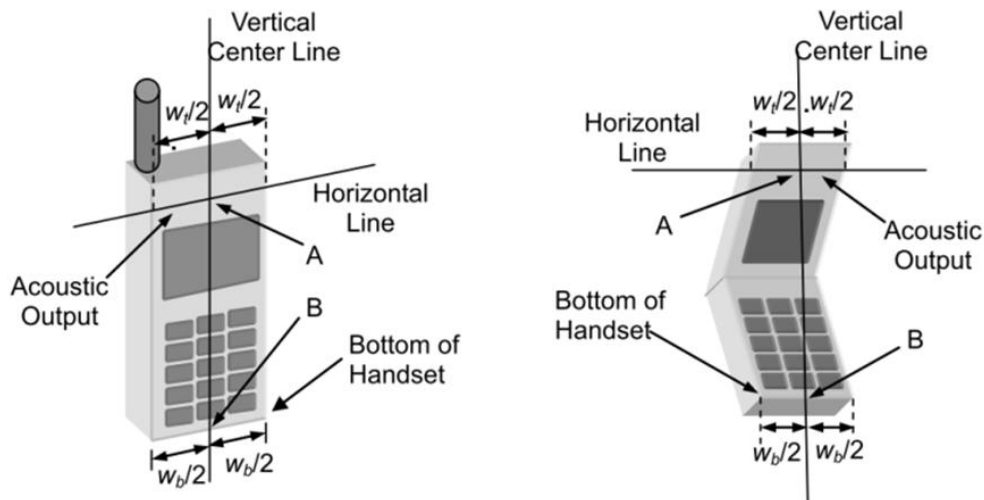
5. per KDB 447498 D01, at 100 MHz to 6GHz and for test separation distances >50mm, the SAR test exclusion threshold is determined according to the following
 - a) [threshold at 50mm in step 1] + (test separation distance - 50mm) * (f (MHz)/150)]Mw, at 100 MHz to 1500 MHz
 - b) [threshold at 50mm in step1] + (test separation distance - 50mm) * 10]mW at > 1500MHz and ≤6GHz
6. Per KDB 447498 D02, RMC 12.2kbps setting is used to evaluate SAR. If HSDPA/ HSUPA/DC-HSDPA output power is <0.25db higher than RMC 12.2Kbps, or reported SAR with RMC 12.2kbps setting is ≤1.2W/Kg, HSDPA/HSUPA/DC-HSDPA SAR evaluation can be excluded.
7. Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion 8. for each frequency band, testing at higher data rates and higher order modulations is not required when the maximum average output power for each of each of these configurations is less than 1/4db higher than those measured at the lower data rate than 11b mode, thus the SAR can be excluded.

8. EUT Test Position

This EUT was tested in Right Cheek, Right Titled, Left Cheek, Left Titled, Front Face and Rear Face.

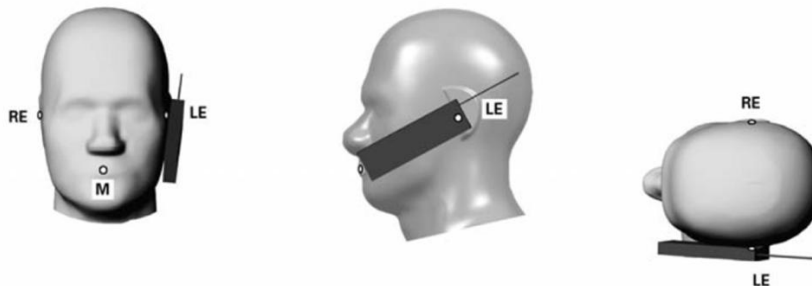
8.1 Define Two Imaginary Lines On The Handset

- (1) The vertical centerline passes through two points on the front side of the handset the midpoint of the width w_t of the handset at the level of the acoustic output, and the midpoint of the width w_b of the handset.
- (2) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.
- (3) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



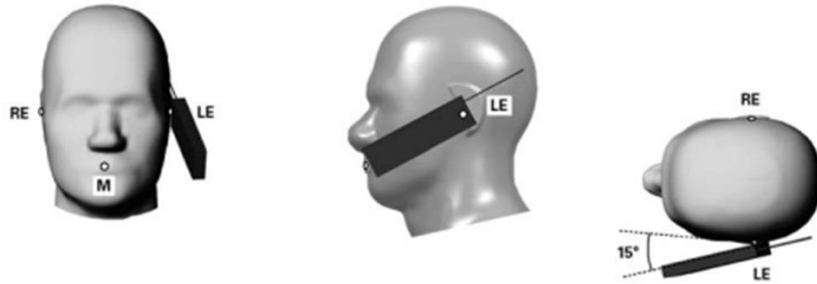
Cheek Position

- (1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- (2) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost



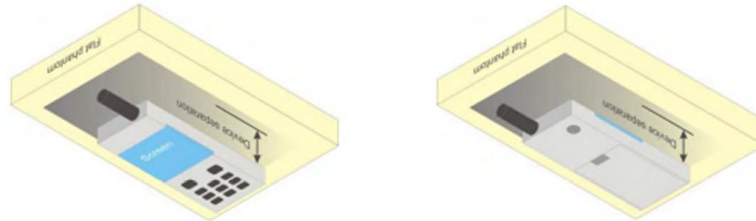
Title Position

- (1) To position the device in the "cheek" position described above.
- (2) While maintaining the device in the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until with the ear is lost.



Body-worn Position Conditions:

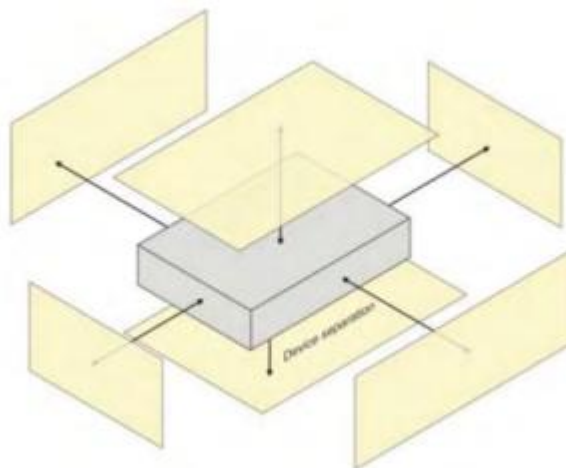
Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. When the same wireless transmission configuration is used for testing body-worn accessory and hotspot mode SAR, respectively, in voice and data mode, SAR results for the most conservative *test separation distance* configuration may be used to support both SAR conditions. When the *reported* SAR for a body-worn accessory, measured without a headset connected to the handset, is $> 1.2 \text{ W/kg}$, the highest *reported* SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.



8.2 Hotspot mode exposure position condition

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing function, the relevant hand and body exposure condition are tested according to the hotspot SAR procedures in KDB 941225. A test separation distance of 10 mm is required between the phantom and all surface and edges with a transmitting antenna located within 25 mm from that surface or edge.

When form factor of a handset is smaller than 9cm x 5cm, a test separation distance of 5mm (instead of 10mm) is required for testing hotspot mode. When the separate distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration(surface).





9. Uncertainty

9.1 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in IEEE 1528: 2013. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

| Uncertainty Component | Tol (+/- %) | Prob. Dist. | Div. | Ci (1g) | Ci (10g) | 1g Ui (+/-%) | 10g Ui (+/-%) | vi |
|---|----------------|----------------|------------|--------------|--------------|-----------------|------------------|----------|
| Measurement System | | | | | | | | |
| Probe calibration | 5.831 | N | 1 | 1 | 1 | 5.83 | 5.83 | ∞ |
| Axial Isotropy | 0.695 | R | $\sqrt{3}$ | $\sqrt{0.5}$ | $\sqrt{0.5}$ | 0.28 | 0.28 | ∞ |
| Hemispherical Isotropy | 1.045 | R | $\sqrt{3}$ | $\sqrt{0.5}$ | $\sqrt{0.5}$ | 0.43 | 0.43 | ∞ |
| Boundary effect | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.58 | 0.58 | ∞ |
| Linearity | 0.685 | R | $\sqrt{3}$ | 1 | 1 | 0.40 | 0.40 | ∞ |
| System detection limits | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.58 | 0.58 | ∞ |
| Modulation response | 3.0 | R | $\sqrt{3}$ | 1 | 1 | 1.73 | 1.73 | ∞ |
| Readout Electronics | 0.021 | N | 1 | 1 | 1 | 0.021 | 0.021 | ∞ |
| Response Time | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| Integration Time | 1.4 | R | $\sqrt{3}$ | 1 | 1 | 0.81 | 0.81 | ∞ |
| RF ambient conditions-Noise | 3.0 | R | $\sqrt{3}$ | 1 | 1 | 1.73 | 1.73 | ∞ |
| RF ambient conditions-reflections | 3.0 | R | $\sqrt{3}$ | 1 | 1 | 1.73 | 1.73 | ∞ |
| Probe positioner mechanical tolerance | 1.4 | R | $\sqrt{3}$ | 1 | 1 | 0.81 | 0.81 | ∞ |
| Probe positioning with respect to phantom shell | 1.4 | R | $\sqrt{3}$ | 1 | 1 | 0.81 | 0.81 | ∞ |
| Post-processing | 2.3 | R | $\sqrt{3}$ | 1 | 1 | 1.33 | 1.33 | ∞ |
| Test sample Related | | | | | | | | |
| Test sample positioning | 2.6 | N | 1 | 1 | 1 | 2.6 | 2.6 | ∞ |
| Device holder uncertainty | 3 | N | 1 | 1 | 1 | 3 | 3 | ∞ |
| SAR drift measurement | 5 | R | $\sqrt{3}$ | 1 | 1 | 2.89 | 2.89 | ∞ |
| SAR scaling | 5 | R | $\sqrt{3}$ | 1 | 1 | 2.89 | 2.89 | ∞ |
| Phantom and tissue parameters | | | | | | | | |
| Phantom uncertainty(shape and thickness uncertainty) | 4 | R | $\sqrt{3}$ | 1 | 1 | 2.31 | 2.31 | ∞ |
| Uncertainty in SAR correction for deviations in permittivity and conductivity | 1.9 | N | 1 | 1 | 0.84 | 1.90 | 1.60 | ∞ |
| Liquid conductivity(temperature uncertainty) | 2.5 | R | $\sqrt{3}$ | 0.78 | 0.71 | 1.13 | 1.02 | ∞ |
| Liquid conductivity(measured) | 4 | N | 1 | 0.78 | 0.71 | 3.12 | 2.84 | M |
| Liquid permittivity(temperature uncertainty) | 2.5 | R | $\sqrt{3}$ | 0.23 | 0.26 | 0.33 | 0.38 | ∞ |
| Liquid permittivity(measured) | 5 | N | 1 | 0.23 | 0.26 | 1.15 | 1.30 | M |
| Combined Standard Uncertainty | | RSS | | | | 9.79 | 9.59 | |
| Expanded Uncertainty (95% Confidence interval) | | K=2 | | | | 19.58 | 19.18 | |



9.2 System validation Uncertainty

| Uncertainty Component | Tol (+-%) | Prob. Dist. | Div. | Ci (1g) | Ci (10g) | 1g Ui (+-%) | 10g Ui (+-%) | vi |
|---|-----------|-------------|------------|---------|----------|-------------|--------------|----|
| Measurement System | | | | | | | | |
| Probe calibration | 5.831 | N | 1 | 1 | 1 | 5.83 | 5.83 | ∞ |
| Axial Isotropy | 0.695 | R | $\sqrt{3}$ | 1 | 1 | 0.40 | 0.40 | ∞ |
| Hemispherical Isotropy | 1.045 | R | $\sqrt{3}$ | 0 | 0 | 0.00 | 0.00 | ∞ |
| Boundary effect | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.58 | 0.58 | ∞ |
| Linearity | 0.685 | R | $\sqrt{3}$ | 1 | 1 | 0.40 | 0.40 | ∞ |
| System detection limits | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.58 | 0.58 | ∞ |
| Modulation response | 3.0 | R | $\sqrt{3}$ | 0 | 0 | 0.00 | 0.00 | ∞ |
| Readout Electronics | 0.021 | N | 1 | 1 | 1 | 0.021 | 0.021 | ∞ |
| Response Time | 0.0 | R | $\sqrt{3}$ | 0 | 0 | 0.00 | 0.00 | ∞ |
| Integration Time | 1.4 | R | $\sqrt{3}$ | 0 | 0 | 0.00 | 0.00 | ∞ |
| RF ambient conditions-Noise | 3.0 | R | $\sqrt{3}$ | 1 | 1 | 1.73 | 1.73 | ∞ |
| RF ambient conditions-reflections | 3.0 | R | $\sqrt{3}$ | 1 | 1 | 1.73 | 1.73 | ∞ |
| Probe positioner mechanical tolerance | 1.4 | R | $\sqrt{3}$ | 1 | 1 | 0.81 | 0.81 | ∞ |
| Probe positioning with respect to phantom shell | 1.4 | R | $\sqrt{3}$ | 1 | 1 | 0.81 | 0.81 | ∞ |
| Post-Processing | 2.3 | R | $\sqrt{3}$ | 1 | 1 | 1.33 | 1.33 | ∞ |
| System validation source | | | | | | | | |
| Deviation of experimental dipole from numerical dipole | 5.0 | N | 1 | 1 | 1 | 5.00 | 5.00 | ∞ |
| Input power and SAR drift measurement | 5.0 | R | $\sqrt{3}$ | 1 | 1 | 2.89 | 2.89 | ∞ |
| Other source contribution Uncertainty | 2.0 | R | $\sqrt{3}$ | 1 | 1 | 1.15 | 1.15 | ∞ |
| Phantom and set-up | | | | | | | | |
| Phantom uncertainty(shape and thickness uncertainty) | 4.0 | R | $\sqrt{3}$ | 1 | 1 | 2.31 | 2.31 | ∞ |
| Uncertainty in SAR correction for deviations in permittivity and conductivity | 1.9 | N | 1 | 1 | 0.84 | 1.90 | 1.60 | ∞ |
| Liquid conductivity(temperature uncertainty) | 2.5 | R | $\sqrt{3}$ | 0.78 | 0.71 | 1.13 | 1.02 | ∞ |
| Liquid conductivity(measured) | 4 | N | 1 | 0.78 | 0.71 | 3.12 | 2.84 | M |
| Liquid permittivity(temperature uncertainty) | 2.5 | R | $\sqrt{3}$ | 0.23 | 0.26 | 0.33 | 0.38 | ∞ |
| Liquid permittivity(measured) | 5 | N | 1 | 0.23 | 0.26 | 1.15 | 1.30 | M |
| Combined Standard Uncertainty | | RSS | | | | 9.718 | 9.517 | |
| Expanded Uncertainty (95% Confidence interval) | | K=2 | | | | 19.44 | 19.04 | |



10. Conducted Power Measurement

10.1 Test Result

DECT

ANT 0:

| Carrier Channel | Frequency (MHz) | Measured Peak Output Power (dBm) |
|-----------------|-----------------|-----------------------------------|
| 4 | 1921.536 | 20.38 |
| 2 | 1924.992 | 20.30 |
| 0 | 1928.448 | 20.35 |

ANT 1:

| Carrier Channel | Frequency (MHz) | Measured Peak Output Power (dBm) |
|-----------------|-----------------|-----------------------------------|
| 4 | 1921.536 | 20.32 |
| 2 | 1924.992 | 20.30 |
| 0 | 1928.448 | 20.37 |

Bluetooth

| Mode | Channel Number | Frequency (MHz) | Average Power (dBm) |
|-----------------------|----------------|-----------------|---------------------|
| GFSK(1Mbps) | 0 | 2402 | -5.49 |
| | 39 | 2441 | -3.05 |
| | 78 | 2480 | 0.50 |
| $\pi/4$ -DQPSK(2Mbps) | 0 | 2402 | -6.45 |
| | 39 | 2441 | -5.81 |
| | 78 | 2480 | -3.56 |
| 8DPSK(3Mbps) | 0 | 2402 | -8.22 |
| | 39 | 2441 | -6.31 |
| | 78 | 2480 | -3.52 |

BLE

| Mode | Channel Number | Frequency (MHz) | Average Power (dBm) |
|-------------|----------------|-----------------|---------------------|
| GFSK(1Mbps) | 0 | 2402 | 1.56 |
| | 19 | 2440 | -2.17 |
| | 39 | 2480 | 1.16 |



10.2 SAR Test Exclusions Applied

Per FCC KDB 447498D01, the 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where:

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

$$\frac{\text{Max Power of Channel (mW)}}{\text{Test Separation Dist (mm)}} * \sqrt{\text{Frequency (GHz)}} \leq 3.0$$

Based on the maximum conducted power of **Bluetooth Head** (rounded to the nearest mW) and the antenna to user separation distance,

Bluetooth Head SAR was not required; $[(1.432/5) * \sqrt{2.402}] = 0.44 < 3.0$.

Based on the maximum conducted power of **Bluetooth Body** (rounded to the nearest mW) and the antenna to user separation distance,

Bluetooth Body SAR was not required; $[1.432/10) * \sqrt{2.402}] = 0.22 < 3.0$.

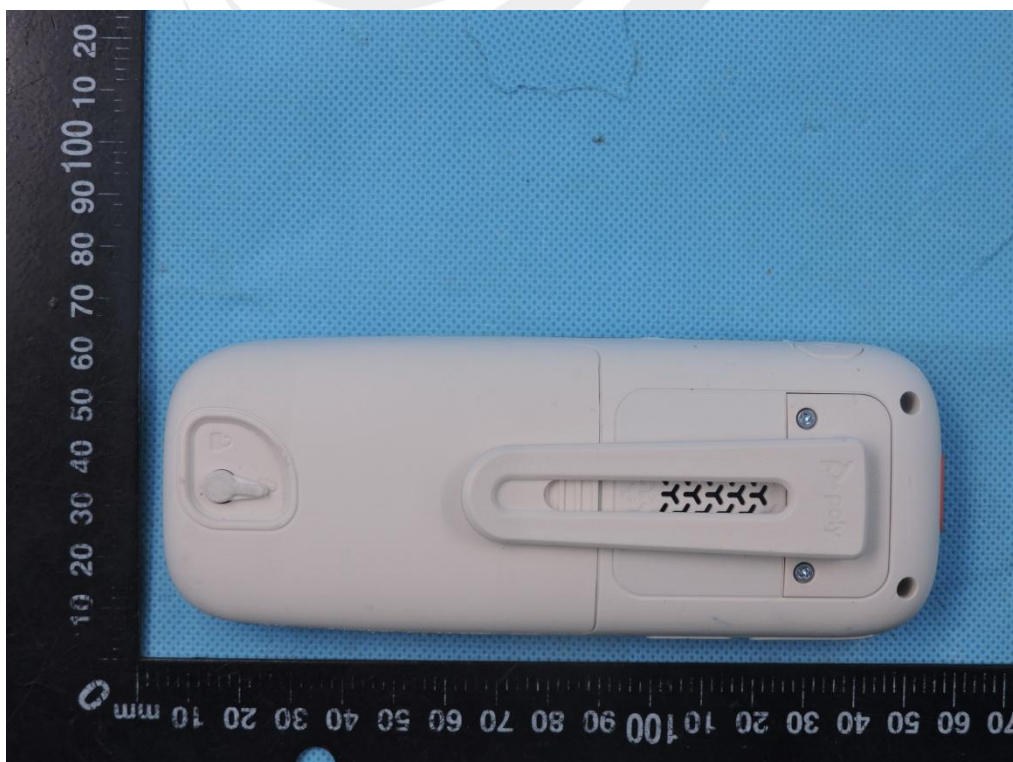
11. EUT And Test Setup Photo

11.1 EUT Photos

Front side



Back side



Top side



Bottom side



Left side



Right side



11.2 Setup Photos

Right Cheek



Right Tilt



Left Cheek



Left Tilt



Front Side



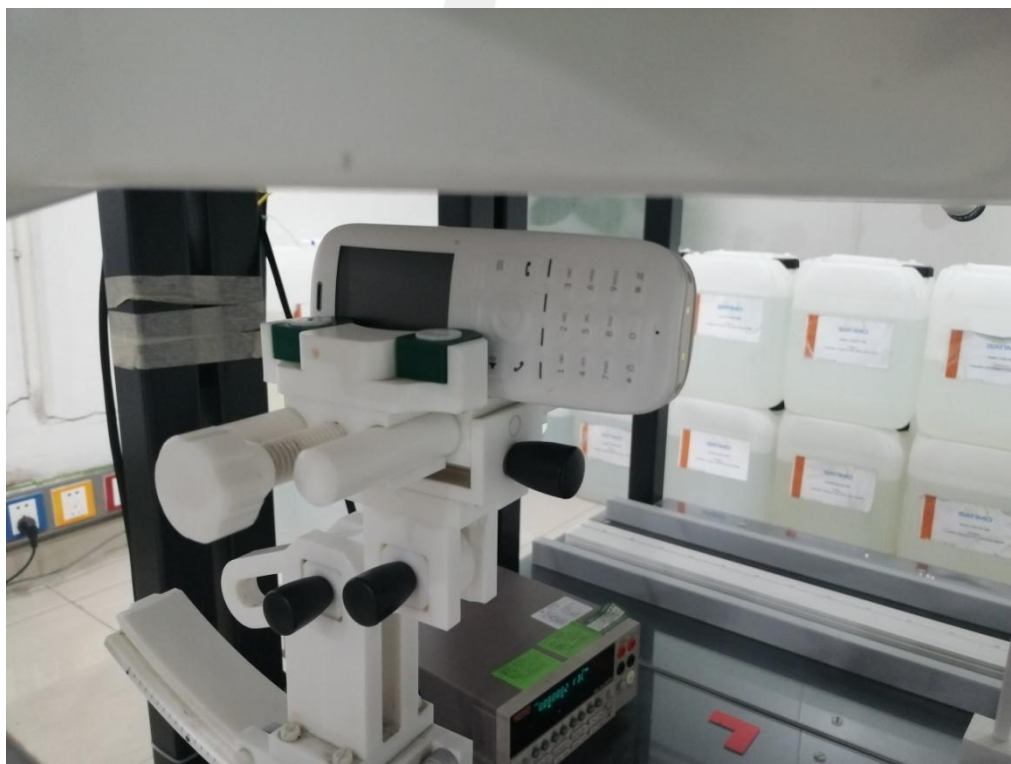
Back Side



Left Edge



Right Edge



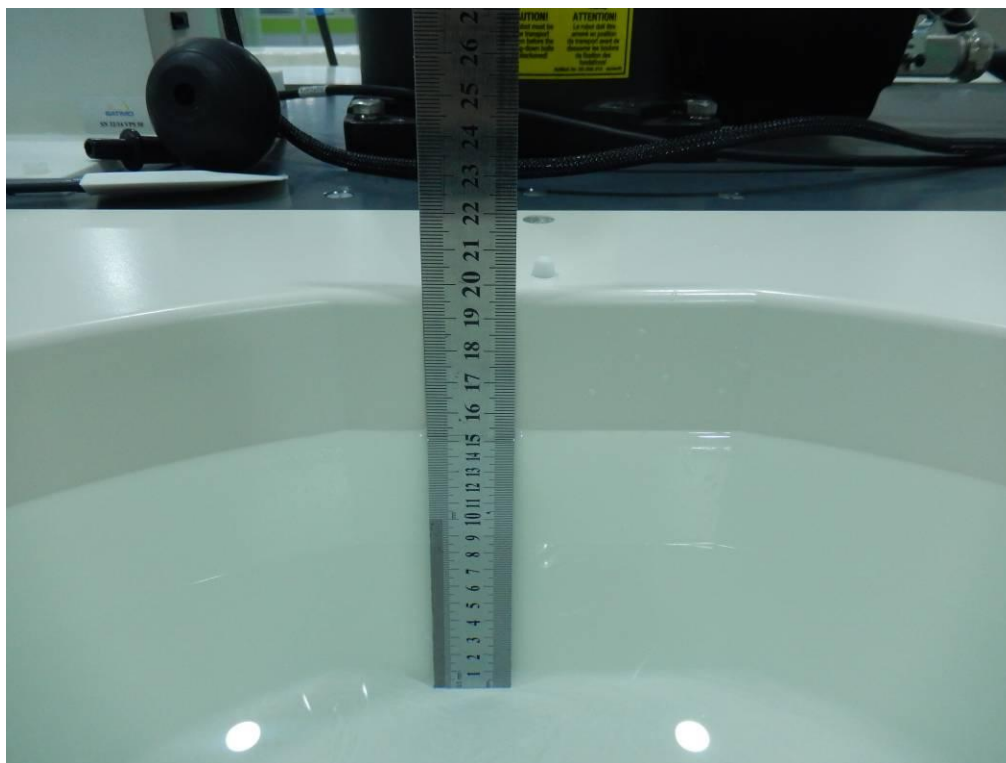
Top Edge



Bottom Edge



Liquid depth (15 cm)





12. SAR Result Summary

12.1 Head SAR

ANT 0

| Band | Model | Test Position | Ch. | Result 1g (W/Kg) | Power Drift(%) | Max.Turn-up Power(dBm) | Meas.Output Power(dBm) | Scaled SAR (W/Kg) | Meas. No. |
|---------|-------|---------------|-----|------------------|----------------|------------------------|------------------------|-------------------|-----------|
| DECT-PP | GFSK | Right Cheek | 4 | 0.013 | -0.10 | 21 | 20.38 | 0.015 | 1 |
| | | Right Tilt | 4 | 0.005 | 2.57 | 21 | 20.38 | 0.006 | - |
| | | Left Cheek | 4 | 0.012 | 2.06 | 21 | 20.38 | 0.014 | - |
| | | Left Tilt | 4 | 0.004 | -3.57 | 21 | 20.38 | 0.005 | - |

ANT 1

| Band | Model | Test Position | Ch. | Result 1g (W/Kg) | Power Drift(%) | Max.Turn-up Power(dBm) | Meas.Output Power(dBm) | Scaled SAR (W/Kg) | Meas. No. |
|---------|-------|---------------|-----|------------------|----------------|------------------------|------------------------|-------------------|-----------|
| DECT-PP | GFSK | Right Cheek | 0 | 0.006 | -2.27 | 21 | 20.37 | 0.007 | 3 |
| | | Right Tilt | 0 | 0.002 | -3.61 | 21 | 20.37 | 0.002 | - |
| | | Left Cheek | 0 | 0.005 | -2.48 | 21 | 20.37 | 0.006 | - |
| | | Left Tilt | 0 | 0.002 | 0.90 | 21 | 20.37 | 0.002 | - |

11.2 Body SAR

ANT 0

| Band | Model | Test Position | Ch. | Result 1g (W/Kg) | Power Drift(%) | Max.Turn-up Power(dBm) | Meas.Output Power(dBm) | Scaled SAR (W/Kg) | Meas. No. |
|---------|-------|---------------|-----|------------------|----------------|------------------------|------------------------|-------------------|-----------|
| DECT-PP | GFSK | Front Side | 4 | 0.005 | 2.88 | 21 | 20.38 | 0.006 | - |
| | | Back Side | 4 | 0.012 | -0.95 | 21 | 20.38 | 0.014 | 2 |
| | | Right Edge | 4 | 0.002 | -0.74 | 21 | 20.38 | 0.002 | - |
| | | Top Edge | 4 | 0.004 | 3.31 | 21 | 20.38 | 0.005 | - |

ANT 1

| Band | Model | Test Position | Ch. | Result 1g (W/Kg) | Power Drift(%) | Max.Turn-up Power(dBm) | Meas.Output Power(dBm) | Scaled SAR (W/Kg) | Meas. No. |
|---------|-------|---------------|-----|------------------|----------------|------------------------|------------------------|-------------------|-----------|
| DECT-PP | GFSK | Front Side | 0 | 0.002 | 0.88 | 21 | 20.37 | 0.002 | - |
| | | Back Side | 0 | 0.006 | -2.49 | 21 | 20.37 | 0.007 | 4 |
| | | Left Edge | 0 | 0.001 | -3.62 | 21 | 20.37 | 0.001 | - |
| | | Right Edge | 0 | 0.001 | 2.59 | 21 | 20.37 | 0.001 | - |
| | | Top Edge | 0 | 0.002 | -0.67 | 21 | 20.37 | 0.002 | - |

Note:

- The test separation of all above table is 10mm.
- Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - For WWAN: Scaled SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor

**Simultaneous Multi-band Transmission Evaluation:****NOTE:**

1. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
2. Based upon KDB 447498 D01, BT SAR is excluded as below table.
3. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
4. For minimum test separation distance $\leq 50\text{mm}$, Bluetooth standalone SAR is excluded according to $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot \sqrt{f} (\text{GHz}) / x] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR
5. The reported SAR summation is calculated based on the same configuration and test position.
6. KDB 447498 / 4.3.2 (2) when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:
 - a) $(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot \sqrt{f} (\text{GHz}) / x \text{ W/kg}$ for test separation distances $\leq 50 \text{ mm}$;
Where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.
 - b) 0.4W/Kg for 1-g SAR and 1.0W/Kg for 10-g SAR, when the separation distance is $>50\text{mm}$.

| Estimated SAR | | Maximum Power | | Antenna to user(mm) | Frequency(GHz) | Stand Alone SAR(1g) [W/kg] |
|---------------|------|---------------|-------|---------------------|----------------|----------------------------|
| | | dBm | mW | | | |
| BLE | Head | 1.56 | 1.432 | 5 | 2.402 | 0.054 |
| | Body | | | 10 | 2.402 | 0.027 |

| Simultaneous Mode | Position | Mode | Max. 1-g SAR (W/kg) | 1-g Sum SAR (W/kg) |
|-------------------|----------|------|---------------------|--------------------|
| DECT+BT | Head | DECT | 0.015 | 0.069 |
| | | BT | 0.054 | |
| | Body | DECT | 0.014 | 0.041 |
| | | BT | 0.027 | |



13. Equipment List

| Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibration | Calibrated Until |
|------------------------|--------------|------------------|--------------------------|------------------|------------------|
| 1900MHz Dipole | MVG | SID1900 | SN 30/14 DIP1G900-333 | 2020.07.14 | 2023.07.13 |
| E-Field Probe | MVG | SSE5 | SN 41/18 EPO334 | 2019.12.02 | 2020.12.01 |
| Dielectric Probe Kit | MVG | SCLMP | SN 32/14 OCPG67 | 2019.11.25 | 2020.11.24 |
| Antenna | MVG | ANTA3 | SN 07/13 ZNTA52 | N/A | N/A |
| Phantom1 | MVG | SAM | SN 32/14 SAM115 | N/A | N/A |
| Phantom2 | MVG | SAM | SN 32/14 SAM116 | N/A | N/A |
| Phone holder | MVG | N/A | SN 32/14 MSH97 | N/A | N/A |
| Laptop holder | MVG | N/A | SN 32/14 LSH29 | N/A | N/A |
| Attenuator | Agilent | 99899 | DC-18GHz | N/A | N/A |
| Directional coupler | Narda | 4226-20 | 3305 | N/A | N/A |
| Network Analyzer | Agilent | 8753ES | US38432810 | 2019.10.11 | 2020.10.10 |
| Multi Meter | Keithley | Multi Meter 2000 | 4050073 | 2019.10.11 | 2020.10.10 |
| Signal Generator | Agilent | N5182A | MY50140530 | 2019.10.09 | 2020.10.08 |
| Test Platform for DECT | RTX | RTX2012 HS | 1138-6122 | 2020.03.05 | 2021.03.04 |
| Power Amplifier | DESAY | ZHL-42W | 9638 | 2019.10.09 | 2020.10.08 |
| Power Meter | R&S | NRP | 100510 | 2019.10.16 | 2020.10.15 |
| Power Meter | Agilent | E4418B | GB43312526 | 2019.10.16 | 2020.10.15 |
| Power Sensor | R&S | NRP-Z11 | 101919 | 2019.10.09 | 2020.10.08 |
| Power Sensor | Agilent | E9301A | MY41497725 | 2019.10.09 | 2020.10.08 |
| Temperature hygrometer | SuWei | SW-108 | N/A | 2019.10.13 | 2020.10.12 |
| Thermograph | Elitech | RC-4 | S/N EF7176501537 | 2019.10.11 | 2020.10.10 |

Note:

Per KDB 865664 D01, Dipole SAR Validation Verification, STS LAB has adopted 3 years calibration intervals. On annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:

1. There is no physical damage on the dipole
2. System validation with specific dipole is within 10% of calibrated value

Return-loss in within 20% of calibrated measurement



Appendix A. System Validation Plots

System Performance Check Data (1921.536MHz)

Type: Phone measurement (Complete)

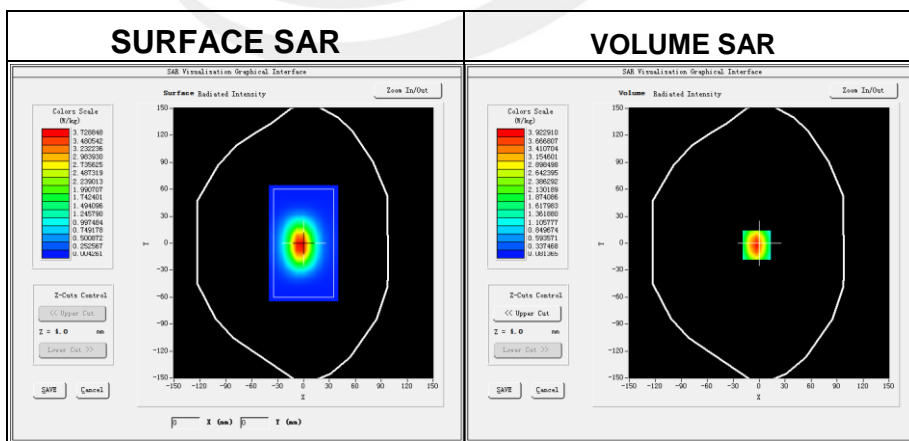
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2020-08-31

Experimental conditions.

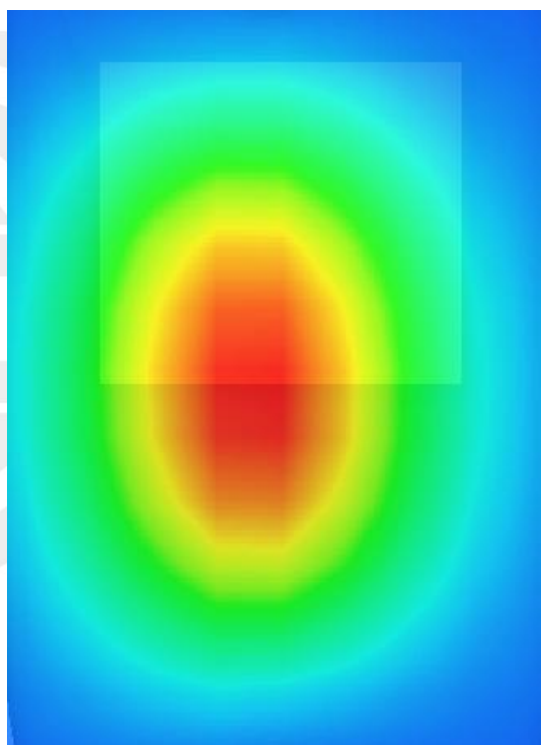
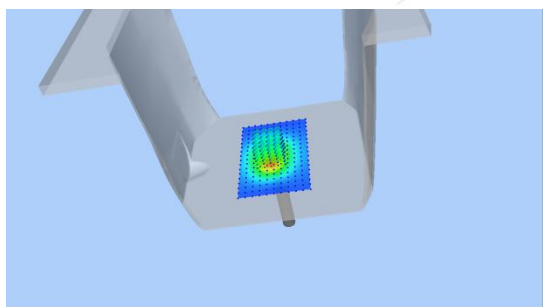
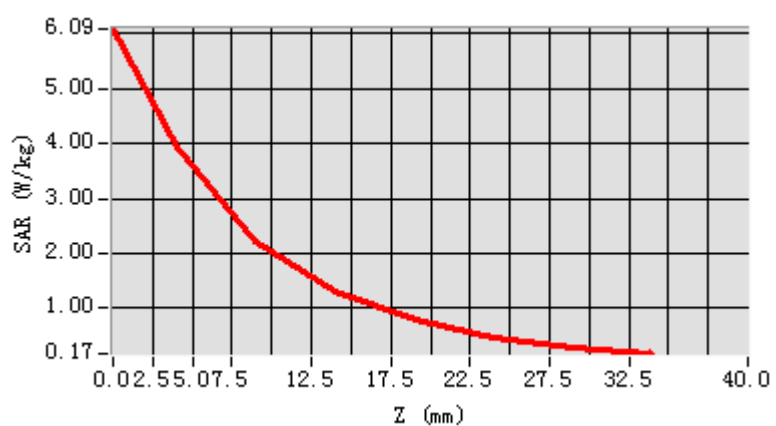
| Phantom | Validation plane |
|-----------------------|------------------|
| Device Position | - |
| Band | 1921.536MHz |
| Channels | - |
| Signal | CW |
| Frequency (MHz) | 1921.536MHz |
| Relative permittivity | 40.80 |
| Conductivity (S/m) | 1.44 |
| Power drift (%) | 3.68 |
| Probe | SN 41/18 EPG0334 |
| ConvF: | 1.84 |
| Crest factor: | 1:1 |



Maximum location: X=-3.00, Y=-2.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.017252 |
| SAR 1g (W/Kg) | 4.115848 |

Z Axis Scan





System Performance Check Data (1928.448MHz)

Type: Phone measurement (Complete)

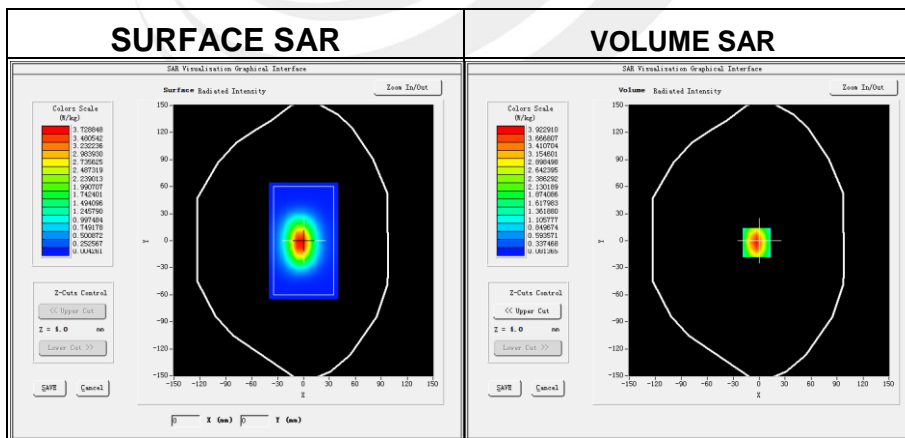
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2020-08-31

Experimental conditions.

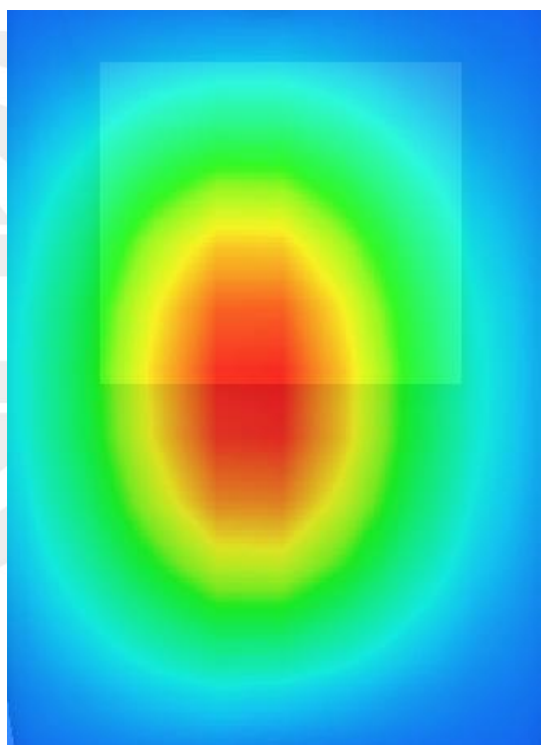
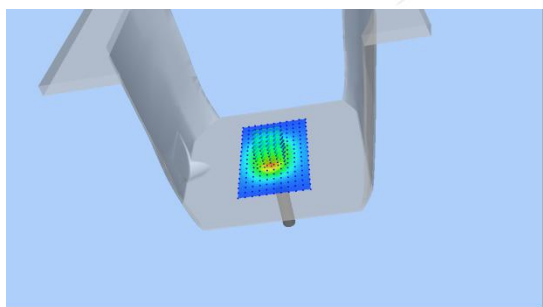
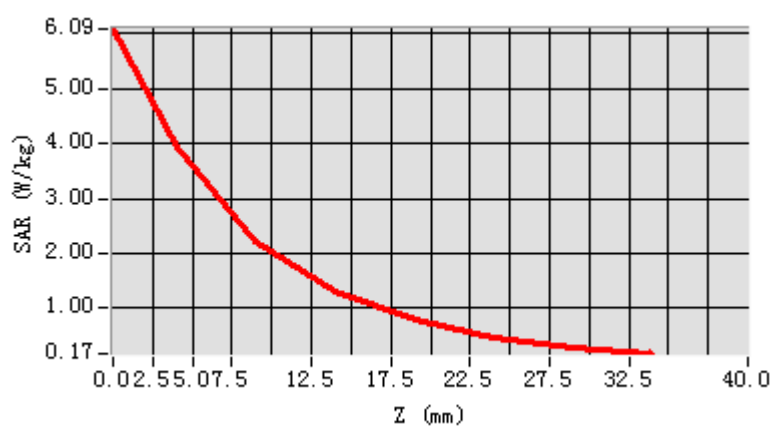
| | |
|-----------------------|------------------|
| Phantom | Validation plane |
| Device Position | - |
| Band | 1928.448MHz |
| Channels | - |
| Signal | CW |
| Frequency (MHz) | 1928.448MHz |
| Relative permittivity | 40.46 |
| Conductivity (S/m) | 1.42 |
| Power drift (%) | 0.74 |
| Probe | SN 41/18 EPGO334 |
| ConvF: | 1.84 |
| Crest factor: | 1:1 |



Maximum location: X=-3.00, Y=-2.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.014276 |
| SAR 1g (W/Kg) | 4.048925 |

Z Axis Scan



Appendix B. SAR Test Plots

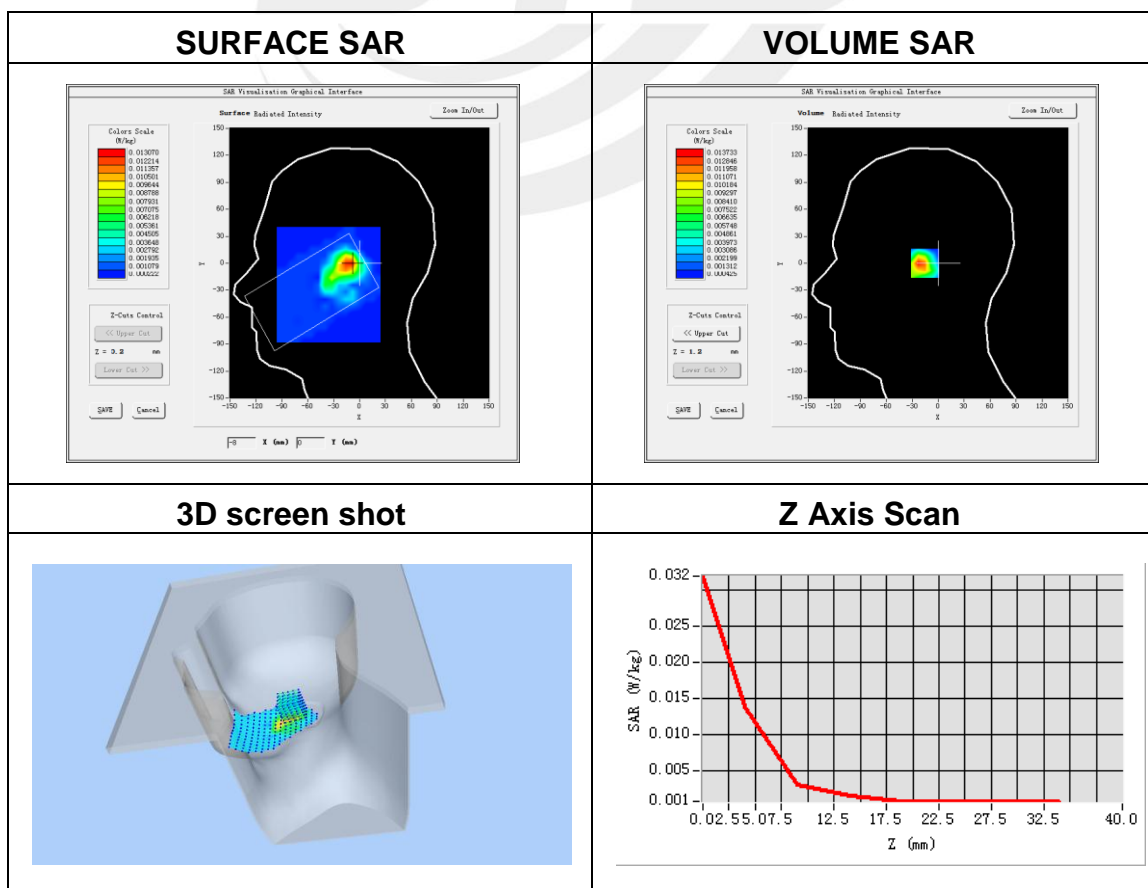
Plot 1: DUT: Wireless Headset; EUT Model: Rove 40

| | |
|-----------------------------------|---|
| Test Date | 2020-08-31 |
| Probe | SN 41/18 EPGO334 |
| ConvF | 1.84 |
| Area Scan | dx=8mm, dy=8mm, h= 5.00 mm |
| Zoom Scan | 5x5x7, dx=8mm, dy=8mm, dz=5mm, Complete/ndx=8mm, dy=8mm, h= 5.00 mm |
| Phantom | Right Cheek |
| Device Position | Cheek |
| Channels | 4 |
| ANT | 0 |
| Frequency (MHz) | 1921.536 |
| Relative permittivity (real part) | 40.80 |
| Conductivity (S/m) | 1.44 |
| Variation (%) | -0.10 |

Maximum location: X=-10.00, Y=-0.00

SAR Peak: 0.03W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.004953 |
| SAR 1g (W/Kg) | 0.012848 |



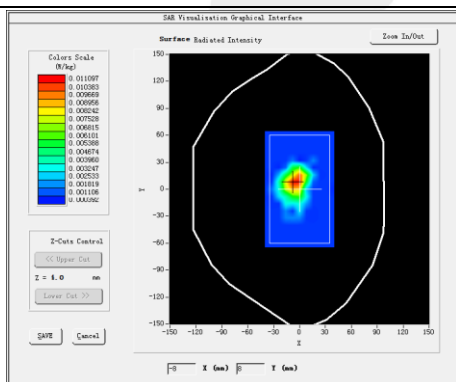
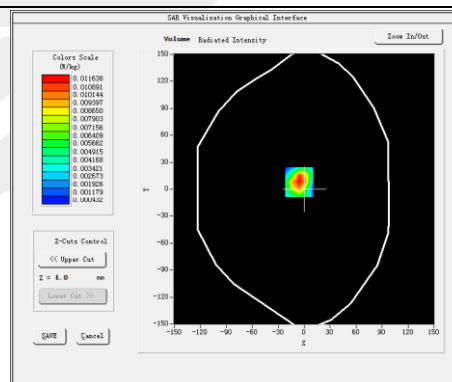
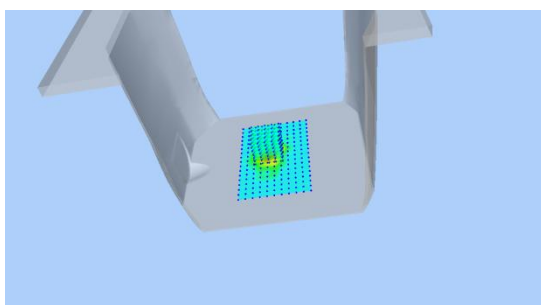
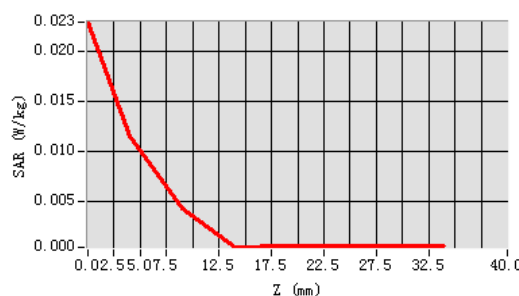
Plot 2: DUT: Wireless Headset; EUT Model: Rove 40

| | |
|-----------------------------------|---|
| Test Date | 2020-08-31 |
| Probe | SN 41/18 EPG0334 |
| ConvF | 1.88 |
| Area Scan | dx=8mm, dy=8mm, h= 5.00 mm |
| Zoom Scan | 5x5x7,dx=8mm, dy=8mm, dz=5mm, Complete/ndx=8mm, dy=8mm, h= 5.00 mm |
| Phantom | Validation plane |
| Device Position | Back side |
| Channels | 4 |
| ANT | 0 |
| Frequency (MHz) | 1921.536 |
| Relative permittivity (real part) | 40.80 |
| Conductivity (S/m) | 1.44 |
| Variation (%) | 2.88 |

Maximum location: X=-6.00, Y=8.00

SAR Peak: 0.03 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.004412 |
| SAR 1g (W/Kg) | 0.011545 |

SURFACE SAR

VOLUME SAR

3D screen shot

Z Axis Scan


Plot 3: DUT: Wireless Headset; EUT Model: Rove 40

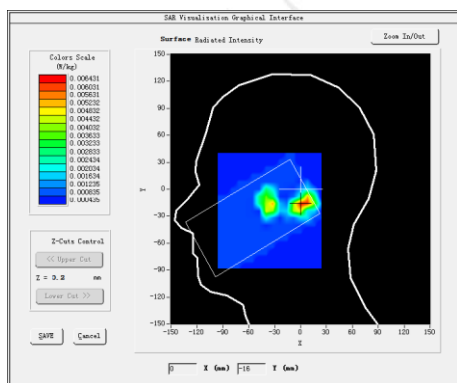
| | |
|-----------------------------------|---|
| Test Date | 2020-08-31 |
| Probe | SN 41/18 EPGO334 |
| ConvF | 1.84 |
| Area Scan | dx=8mm, dy=8mm, h= 5.00 mm |
| Zoom Scan | 5x5x7,dx=8mm, dy=8mm, dz=5mm, Complete/ndx=8mm, dy=8mm, h= 5.00 mm |
| Phantom | Right cheek |
| Device Position | Cheek |
| Channels | 0 |
| ANT | 1 |
| Frequency (MHz) | 1928.448 |
| Relative permittivity (real part) | 40.46 |
| Conductivity (S/m) | 1.42 |
| Variation (%) | -2.27 |

Maximum location: X=1.00, Y=-17.00

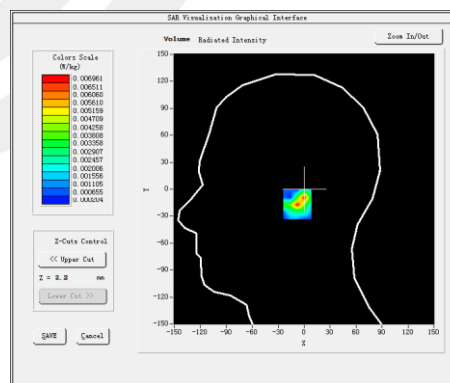
SAR Peak: 0.02W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.002161 |
| SAR 1g (W/Kg) | 0.006303 |

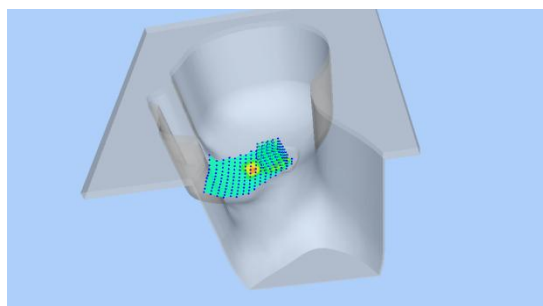
SURFACE SAR



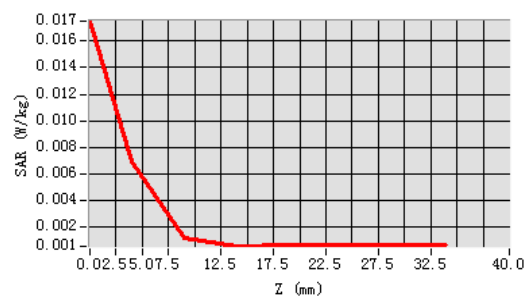
VOLUME SAR



3D screen shot



Z Axis Scan



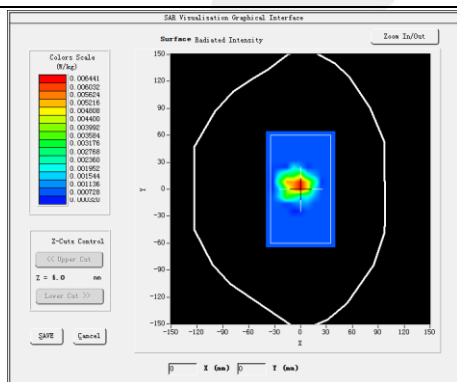
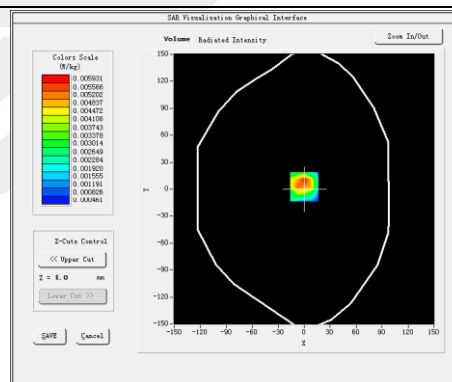
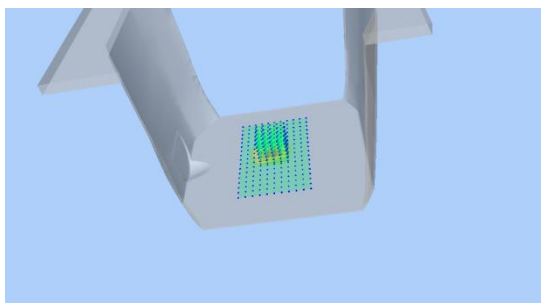
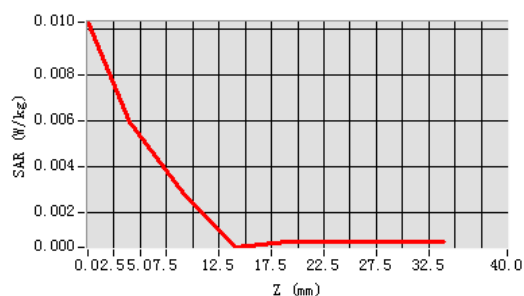
Plot 4: DUT: Wireless Headset; EUT Model: Rove 40

| | |
|-----------------------------------|--|
| Test Date | 2020-08-31 |
| Probe | SN 41/18 EPG0334 |
| ConvF | 1.88 |
| Area Scan | dx=8mm, dy=8mm, h= 5.00 mm |
| Zoom Scan | 5x5x7,dx=8mm, dy=8mm, dz=5mm, Complete/ndx=8mm, dy=8mm, h= 5.00 mm |
| Phantom | Validation plane |
| Device Position | Back side |
| Channels | 0 |
| ANT | 1 |
| Frequency (MHz) | 1928.448 |
| Relative permittivity (real part) | 40.46 |
| Conductivity (S/m) | 1.42 |
| Variation (%) | -2.49 |

Maximum location: X=0.00, Y=3.00

SAR Peak: 0.01 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.002479 |
| SAR 1g (W/Kg) | 0.005693 |

SURFACE SAR

VOLUME SAR

3D screen shot

Z Axis Scan




Appendix C. Probe Calibration And Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※END OF THE REPORT※※※※

