

**System Performance Check Data(Head)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.03.09

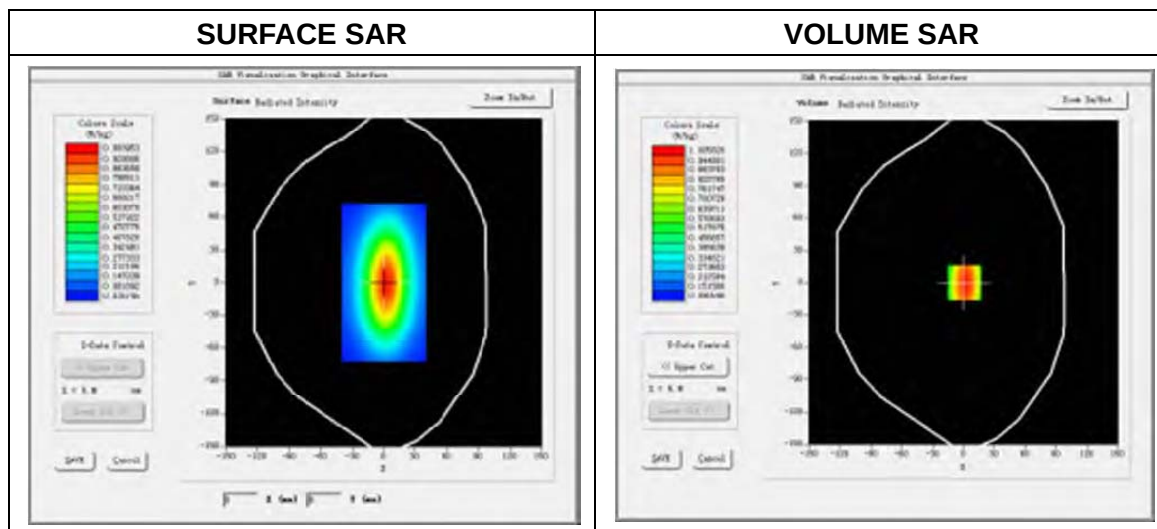
Measurement duration: 13 minutes 30 seconds

**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position |                   |
| Band            | 835MHz            |
| Channels        |                   |
| Signal          | CW                |

**B. SAR Measurement Results****Band SAR**

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 835.000000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift (%)                   | -0.810000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:1        |



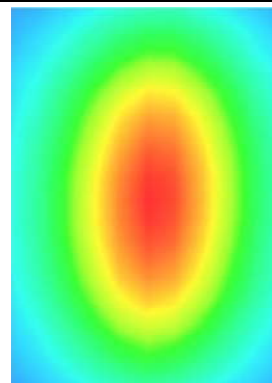
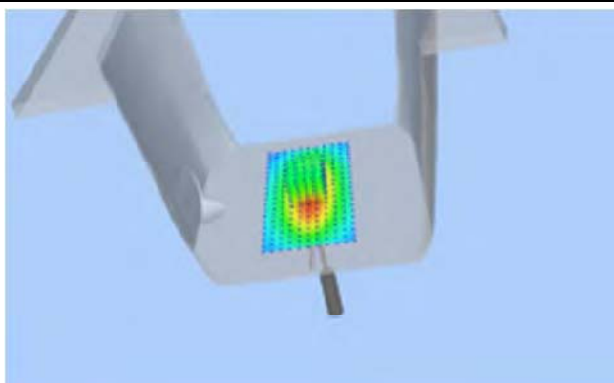
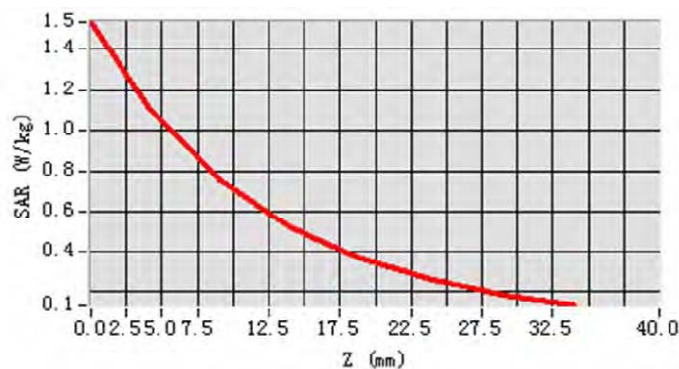
Maximum location: X=1.00, Y=0.00

SAR Peak: 1.50 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.640263 |
| SAR 1g (W/Kg)  | 0.952251 |

### Z Axis Scan

| Z (mm)    | 0      | 4      | 9      | 14     | 19     | 24     | 29     |
|-----------|--------|--------|--------|--------|--------|--------|--------|
| SAR(W/Kg) | 1.4921 | 1.2304 | 0.7527 | 0.5312 | 0.3902 | 0.2461 | 0.1805 |



**System Performance Check Data(Body)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.03.09

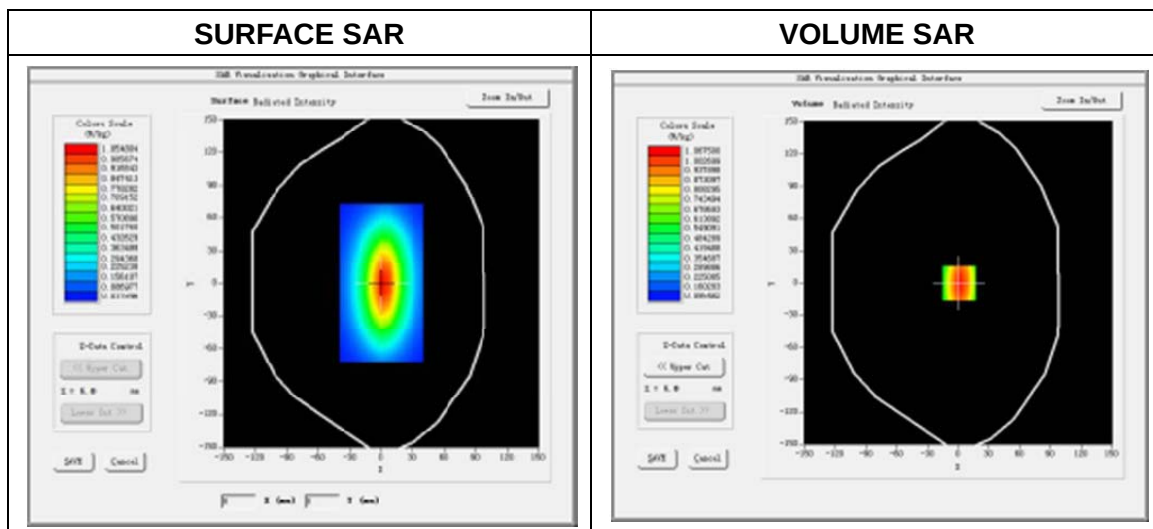
Measurement duration: 13 minutes 30 seconds

**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position |                   |
| Band            | 835MHz            |
| Channels        |                   |
| Signal          | CW                |

**B. SAR Measurement Results****Band SAR**

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 835.000000 |
| Relative permittivity (real part) | 55.693058  |
| Conductivity (S/m)                | 0.970859   |
| Power drift (%)                   | -0.810000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:1        |

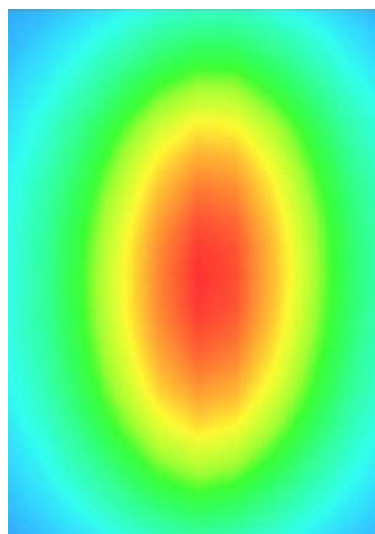
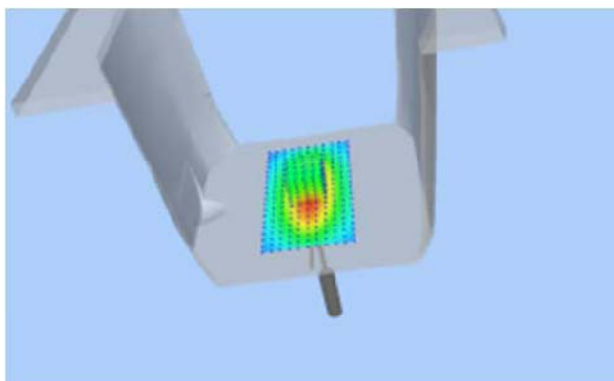
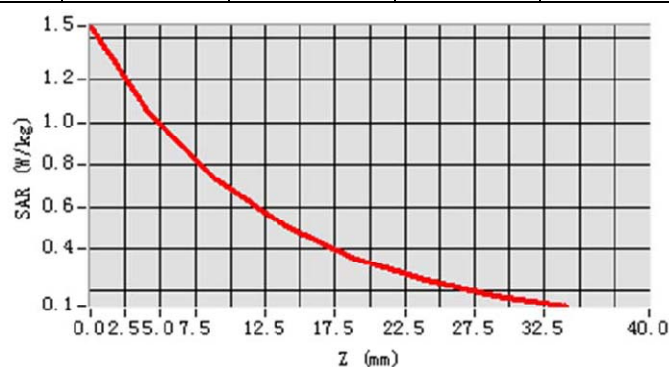


Maximum location: X=7.00, Y=-1.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.678062 |
| SAR 1g (W/Kg)  | 0.991185 |

#### Z Axis Scan

| Z (mm)    | 0      | 4      | 9      | 14     | 19     | 24     | 29     |
|-----------|--------|--------|--------|--------|--------|--------|--------|
| SAR(W/Kg) | 1.5216 | 1.2714 | 0.7630 | 0.5421 | 0.4112 | 0.2518 | 0.1912 |





**System Performance Check Data(Head)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.03.09

Measurement duration: 13 minutes 26 seconds

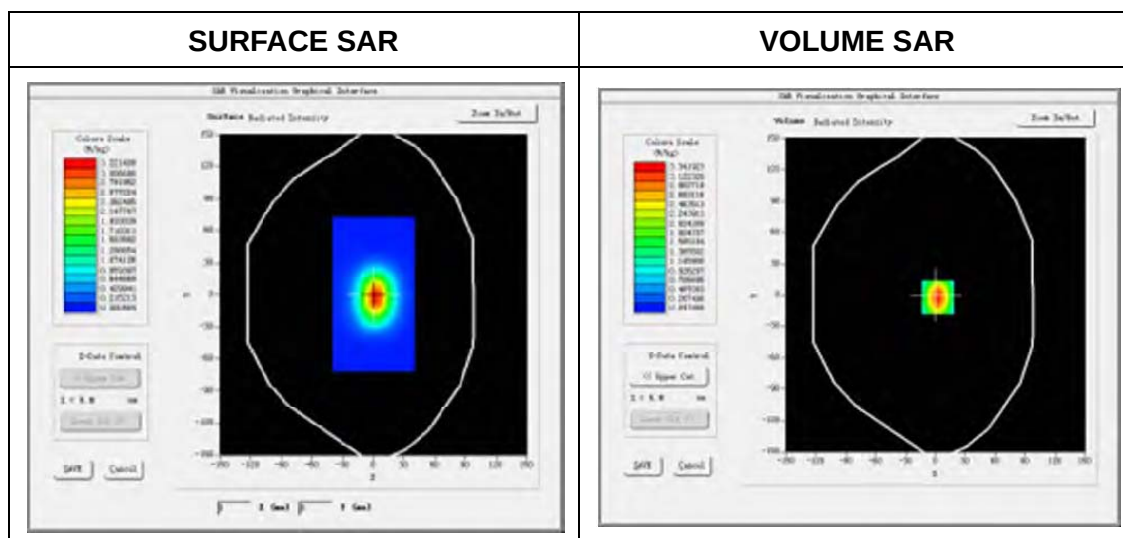
**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position |                   |
| Band            | 1800MHz           |
| Channels        |                   |
| Signal          | CW                |

**B. SAR Measurement Results**

**Band SAR**

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1800.000000 |
| Relative permittivity (real part) | 39.984068   |
| Conductivity (S/m)                | 1.409657    |
| Power drift (%)                   | -1.240000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |



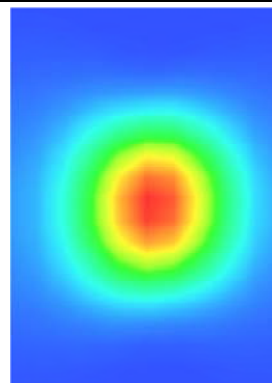
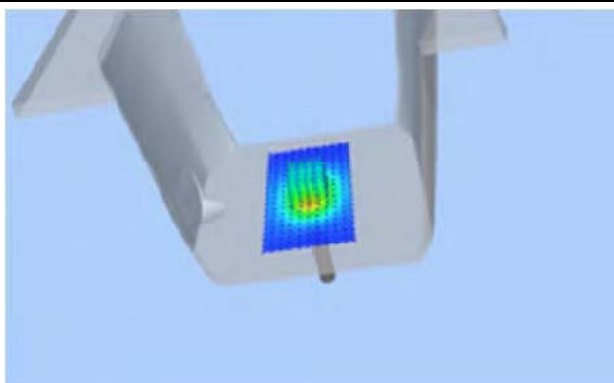
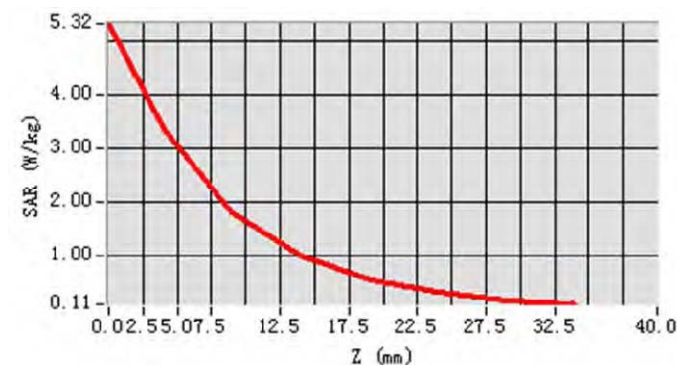
Maximum location: X=2.00, Y=2.00

SAR Peak: 5.27 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 2.312054 |
| SAR 1g (W/Kg)  | 3.808189 |

### Z Axis Scan

| Z (mm)    | 0     | 4      | 9      | 14     | 19     | 24     | 29     |
|-----------|-------|--------|--------|--------|--------|--------|--------|
| SAR(W/Kg) | 5.319 | 3.3391 | 1.8271 | 1.0206 | 0.5860 | 0.3351 | 0.1982 |





**System Performance Check Data(Body)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.03.09

Measurement duration: 13 minutes 26 seconds

**A. Experimental conditions.**

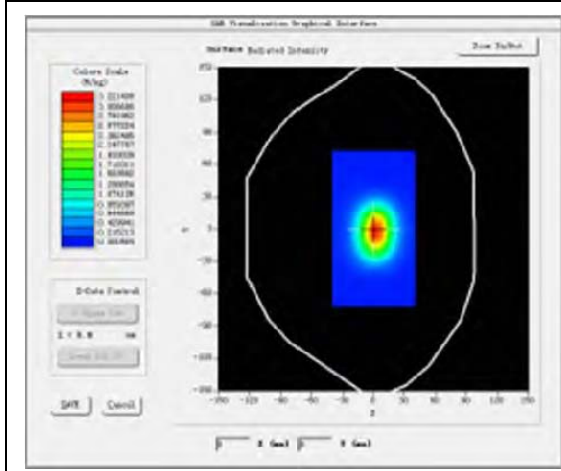
|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position |                   |
| Band            | 1800MHz           |
| Channels        |                   |
| Signal          | CW                |

**B. SAR Measurement Results**

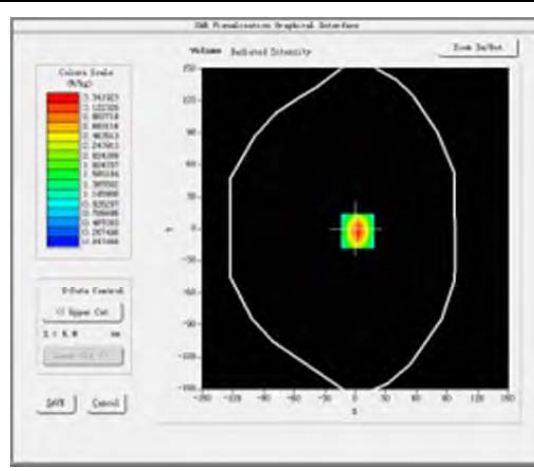
**Band SAR**

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1800.000000 |
| Relative permittivity (real part) | 53.103586   |
| Conductivity (S/m)                | 1.532437    |
| Power drift (%)                   | -1.240000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR**



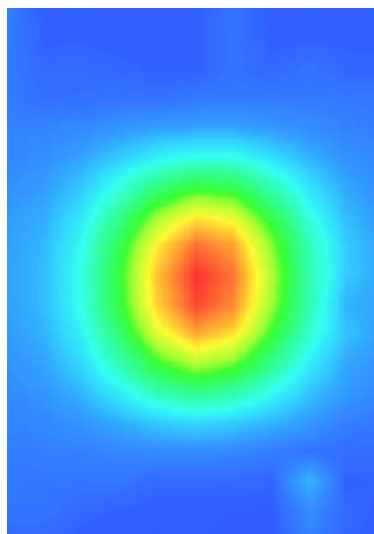
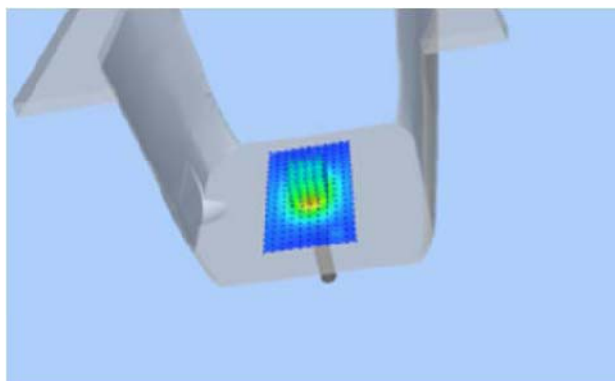
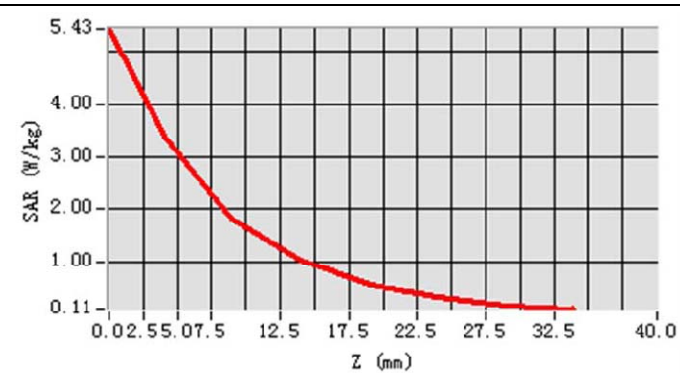
**VOLUME SAR**



Maximum location: X=2.00, Y=2.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 2.00546  |
| SAR 1g (W/Kg)  | 3.753257 |

### Z Axis Scan



**System Performance Check Data(Head)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.03.09

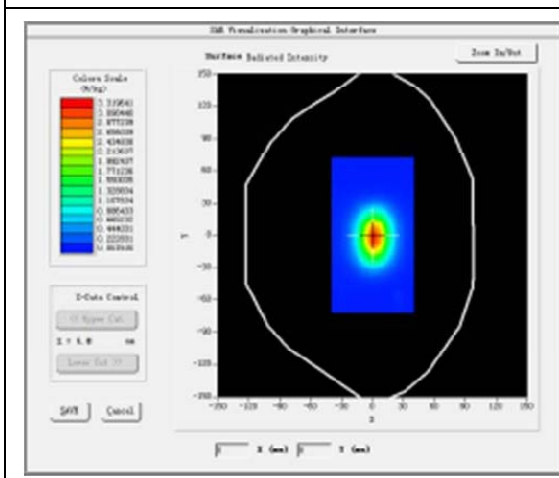
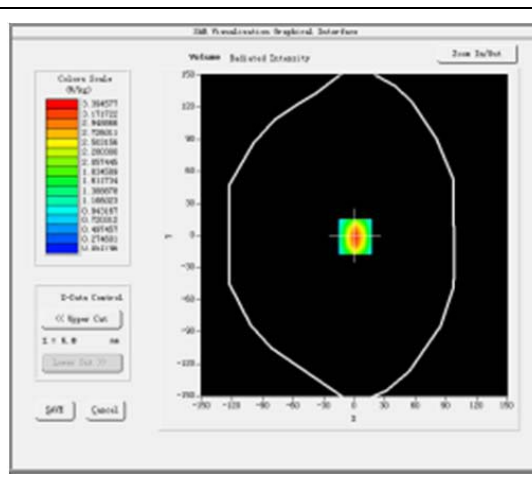
Measurement duration: 13 minutes 27 seconds

**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Validation plane  |
| Device Position |                   |
| Band            | 2450MHz           |
| Channels        |                   |
| Signal          | CW                |

**B. SAR Measurement Results****Band SAR**

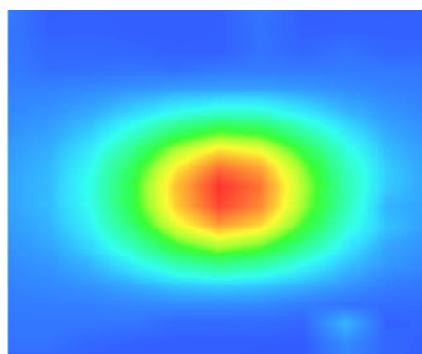
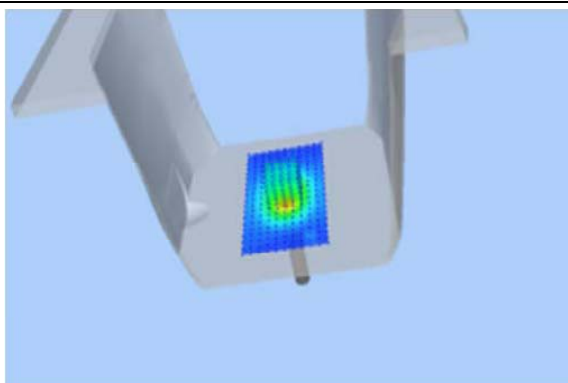
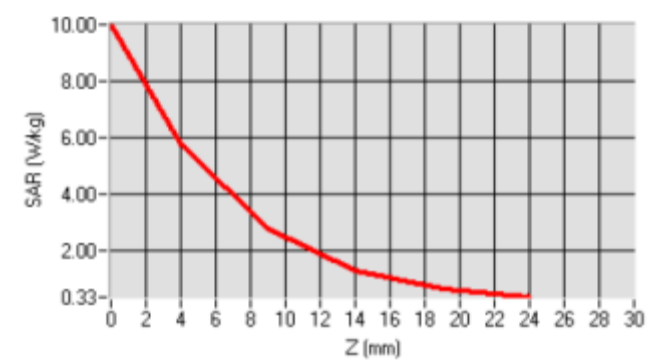
|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 2450.000000 |
| Relative permittivity (real part) | 39.110854   |
| Conductivity (S/m)                | 1.790254    |
| Power Drift (%)                   | 0.630000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 4.96        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**

Maximum location: X=7.00, Y=6.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 2.670621 |
| SAR 1g (W/Kg)  | 5.255274 |

### Z Axis Scan





### System Performance Check Data(Body)

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.03.09

Measurement duration: 13 minutes 27 seconds

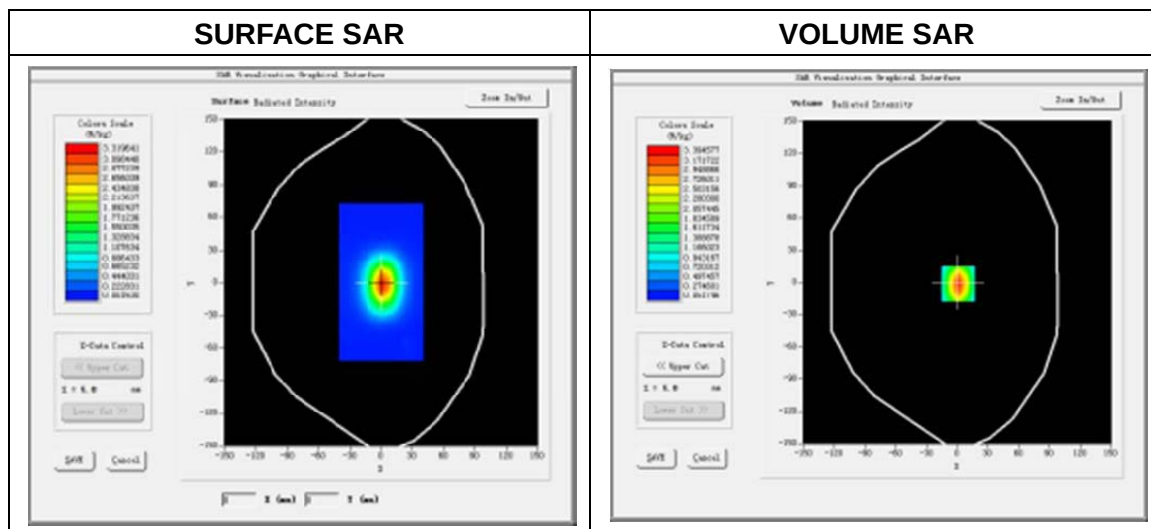
#### A. Experimental conditions.

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Validation plane  |
| Device Position |                   |
| Band            | 2450MHz           |
| Channels        |                   |
| Signal          | CW                |

#### B. SAR Measurement Results

##### Band SAR

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 2450.000000 |
| Relative permittivity (real part) | 52.520397   |
| Conductivity (S/m)                | 1.928859    |
| Power Drift (%)                   | 0.630000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 4.96        |
| Crest factor:                     | 1:1         |



Maximum location: X=7.00, Y=6.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 2.685124 |
| SAR 1g (W/Kg)  | 5.042957 |

### Z Axis Scan

