



**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: 2015.3.9

Measurement duration: 13 minutes 27 seconds

**A. Experimental conditions.**

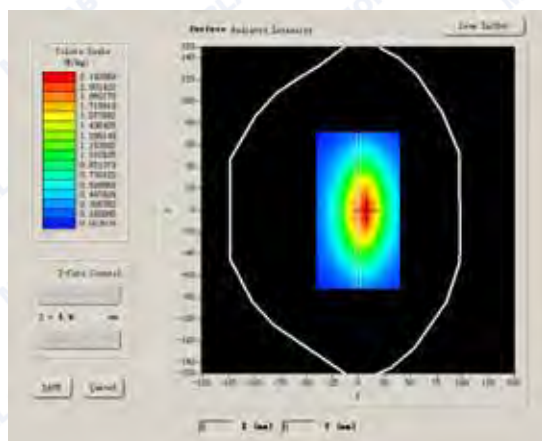
|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position |                   |
| Band            | 835MHz            |
| Channels        |                   |
| Signal          | CW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

**B. SAR Measurement Results**

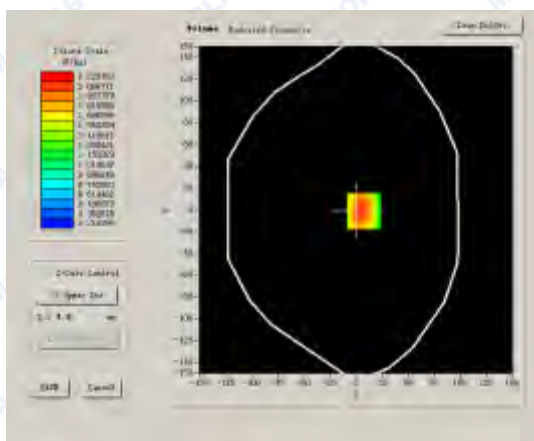
**Band SAR**

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 835.000000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift (%)                   | 1.200000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:1        |

**SURFACE SAR**



**VOLUME SAR**





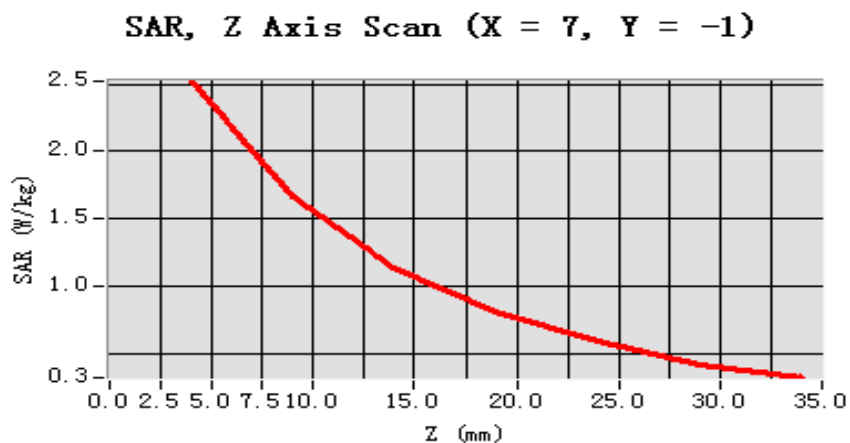
REPORT No. : SZ15020045S01

Maximum location: X=7.00, Y=-1.00

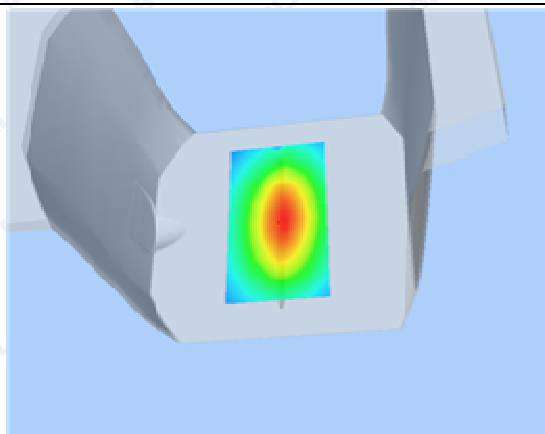
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 1.292731 |
| SAR 1g (W/Kg)  | 2.387306 |

Z Axis Scan

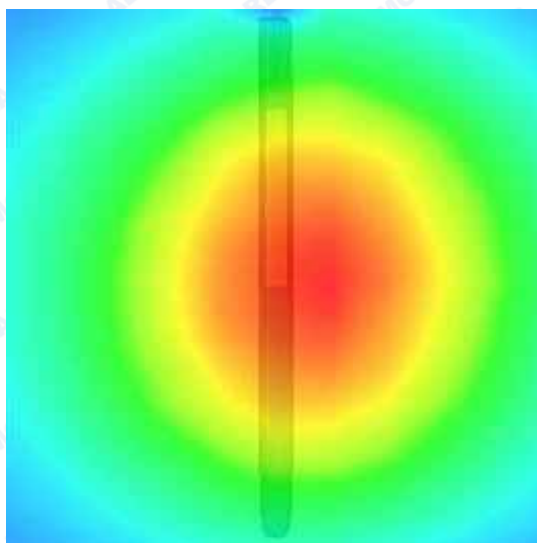
| Z (mm)     | 0.00   | 4.00   | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 2.5209 | 1.6629 | 1.1437 | 0.8075 | 0.5889 | 0.4143 |



3D scene shot



Hot spot position



**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: 2015.3.9

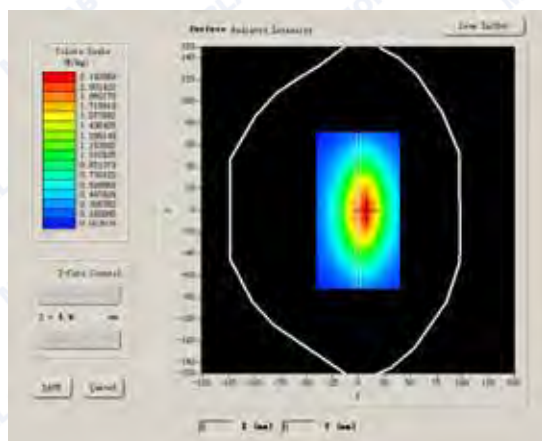
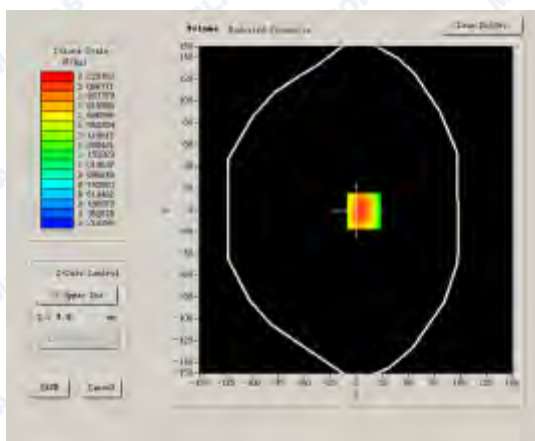
Measurement duration: 13 minutes 30 seconds

**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) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift (%)                   | -0.810000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:1        |

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



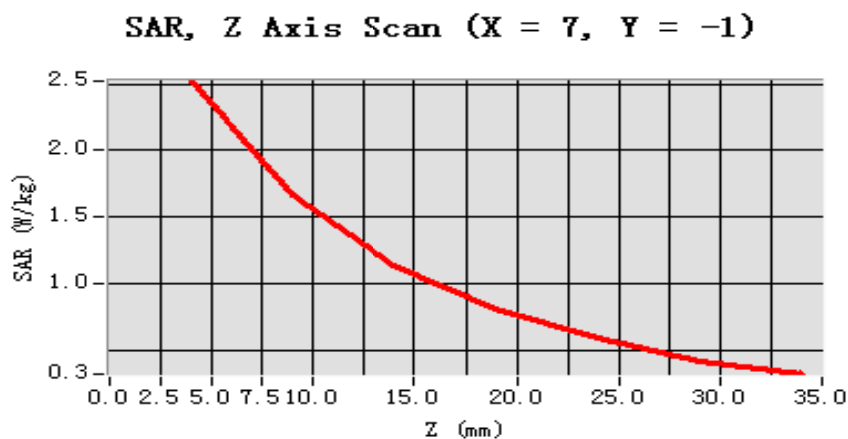
REPORT No. : SZ15020045S01

Maximum location: X=7.00, Y=-1.00

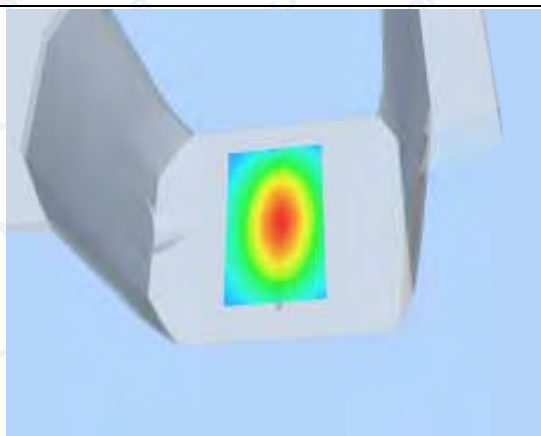
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 1.307264 |
| SAR 1g (W/Kg)  | 2.451296 |

Z Axis Scan

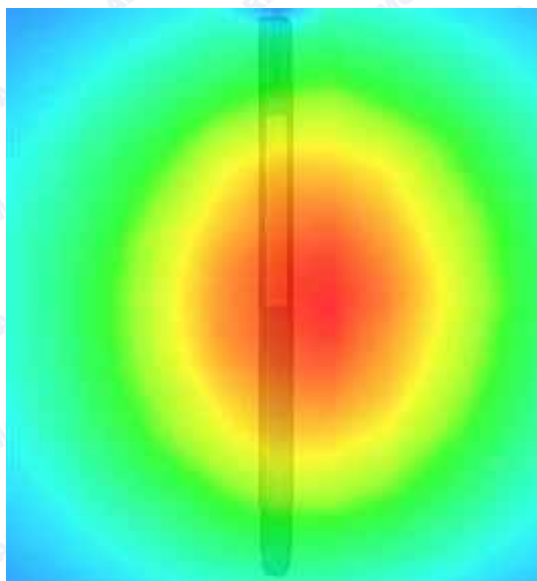
|            |        |        |        |        |        |        |        |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm)     | 0.00   | 4.00   | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
| SAR (W/Kg) | 0.0000 | 2.5209 | 1.6629 | 1.1437 | 0.8075 | 0.5889 | 0.4143 |



**3D scene shot**



**Hot spot position**





**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: 2015.3.10

Measurement duration: 13 minutes 31 seconds

**A. Experimental conditions.**

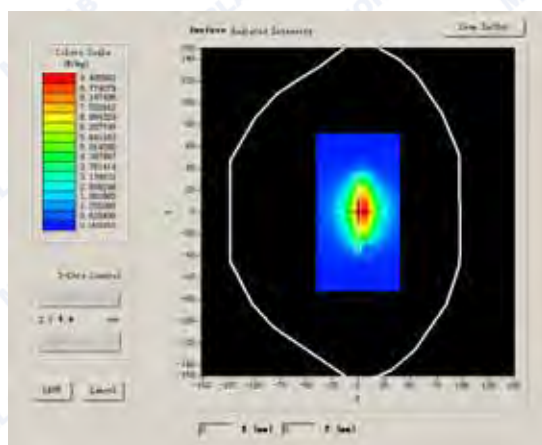
|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position |                   |
| Band            | 1750MHz           |
| Channels        |                   |
| Signal          | CW                |

**B. SAR Measurement Results**

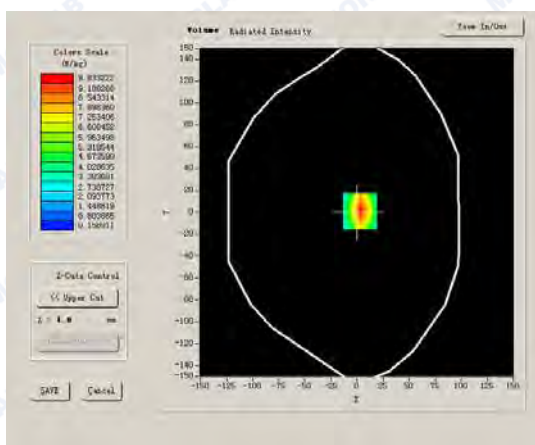
**Band SAR**

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1750.000000 |
| Relative permittivity (real part) | 53.560397   |
| Conductivity (S/m)                | 1.468859    |
| Power drift (%)                   | -0.840000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 5.51        |
| Crest factor:                     | 1:1         |

**SURFACE SAR**



**VOLUME SAR**





REPORT No. : SZ15020045S01

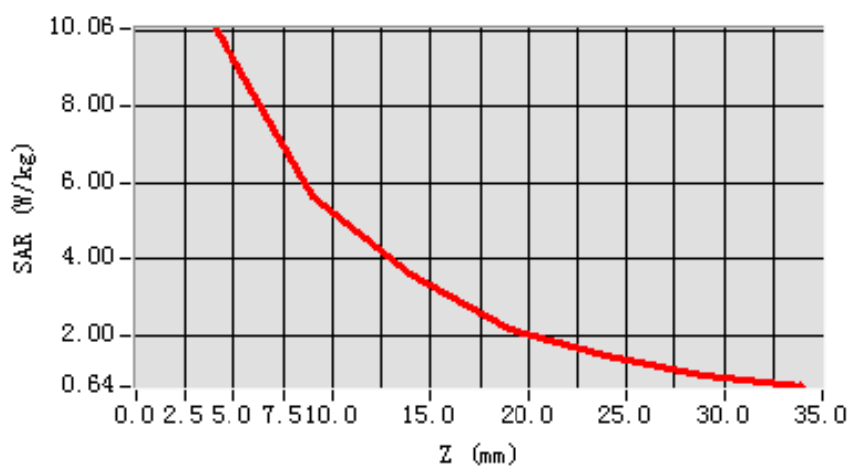
Maximum location: X=3.00, Y=1.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 4.941509 |
| SAR 1g (W/Kg)  | 9.908057 |

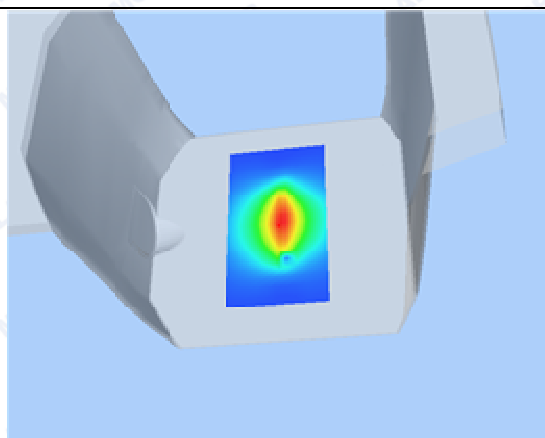
Z Axis Scan

|            |        |         |        |        |        |        |        |
|------------|--------|---------|--------|--------|--------|--------|--------|
| Z (mm)     | 0.00   | 4.00    | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
| SAR (W/Kg) | 0.0000 | 10.0621 | 5.6445 | 3.6226 | 2.1642 | 1.4521 | 0.9078 |

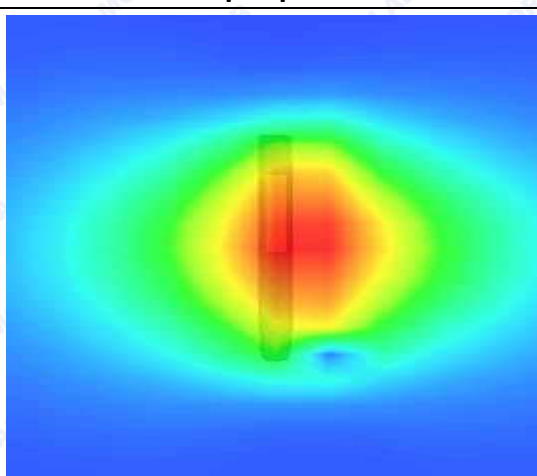
SAR, Z Axis Scan (X = 3, Y = 1)



3D scene shot



Hot spot position





**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: 2015.3.10

Measurement duration: 13 minutes 27 seconds

**A. Experimental conditions.**

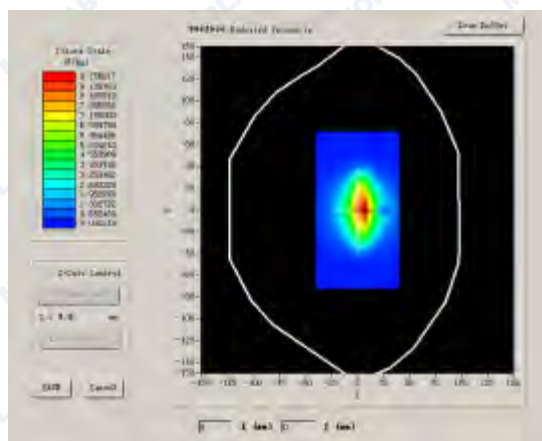
|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position |                   |
| Band            | 1900MHz           |
| Channels        |                   |
| Signal          | CW                |

**B. SAR Measurement Results**

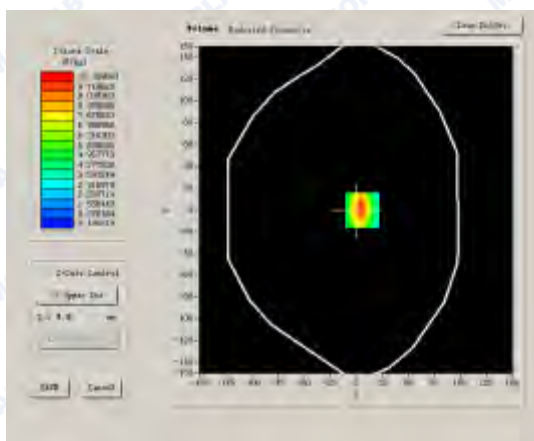
**Band SAR**

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1900.000000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift (%)                   | 0.670000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:1         |

**SURFACE SAR**



**VOLUME SAR**





REPORT No. : SZ15020045S01

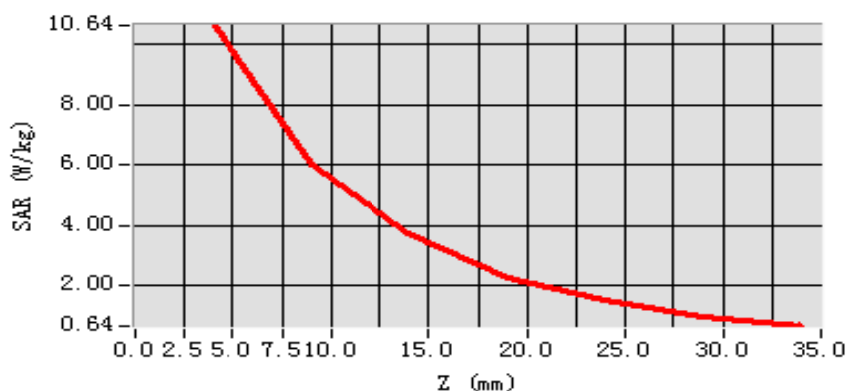
Maximum location: X=6.00, Y=0.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 6.353716 |
| SAR 1g (W/Kg)  | 9.778234 |

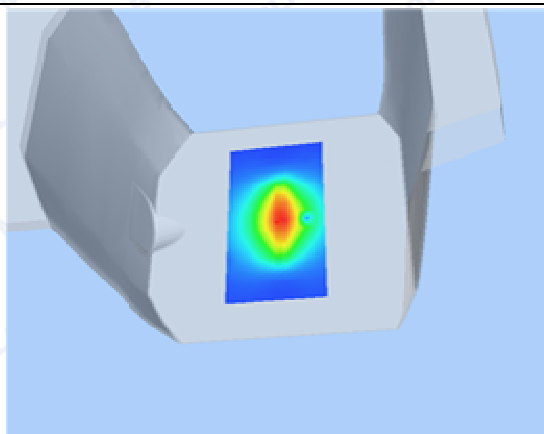
Z Axis Scan

|            |        |         |        |        |        |        |        |
|------------|--------|---------|--------|--------|--------|--------|--------|
| Z (mm)     | 0.00   | 4.00    | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
| SAR (W/Kg) | 0.0000 | 10.6419 | 6.0043 | 3.7297 | 2.2606 | 1.5119 | 0.9792 |

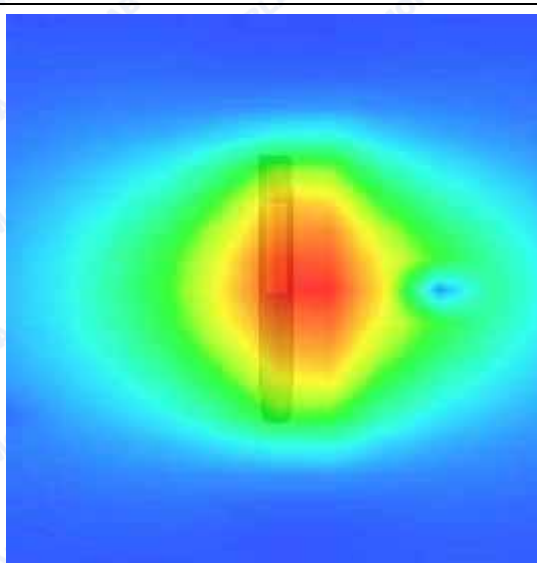
SAR, Z Axis Scan (X = 6, Y = 0)



3D scene shot



Hot spot position





**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: 2015.3.10

Measurement duration: 13 minutes 26 seconds

**A. Experimental conditions.**

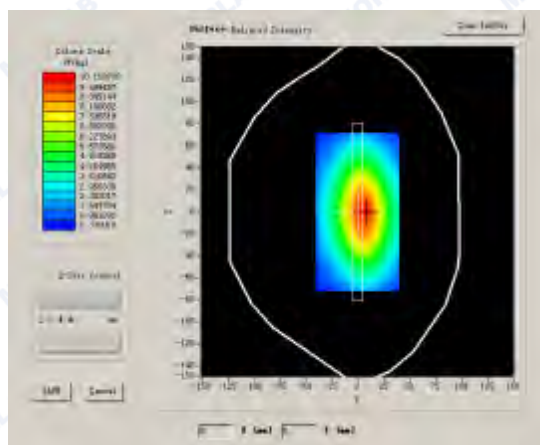
|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position |                   |
| Band            | 1900MHz           |
| Channels        |                   |
| Signal          | CW                |

**B. SAR Measurement Results**

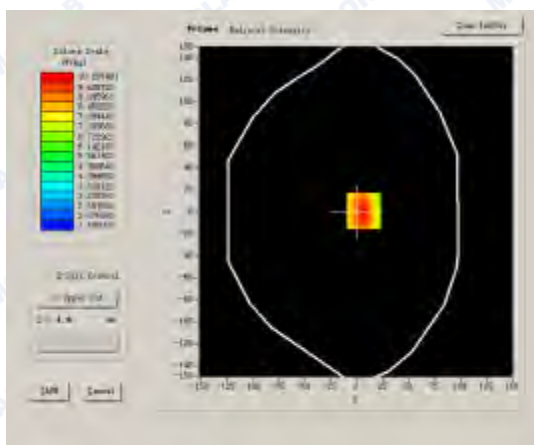
**Band SAR**

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1900.000000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| 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**





REPORT No. : SZ15020045S01

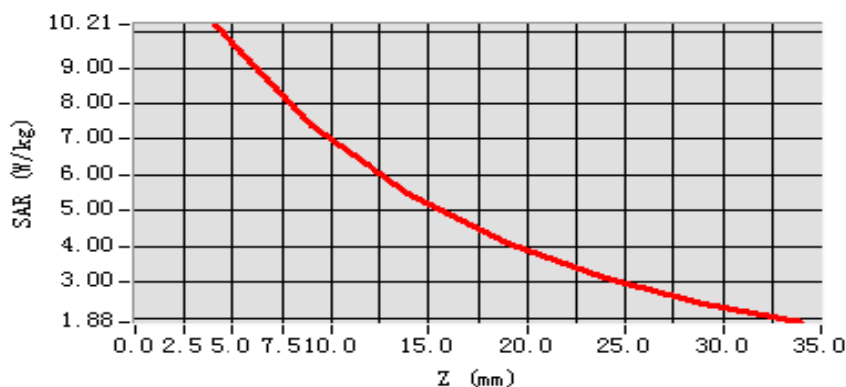
Maximum location: X=7.00, Y=1.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 6.742916 |
| SAR 1g (W/Kg)  | 9.985627 |

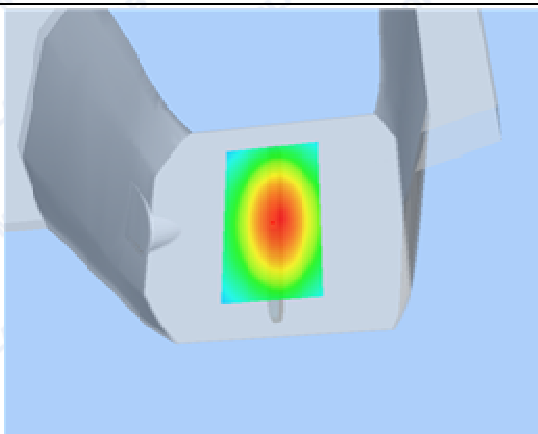
Z Axis Scan

|            |        |         |        |        |        |        |        |
|------------|--------|---------|--------|--------|--------|--------|--------|
| Z (mm)     | 0.00   | 4.00    | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
| SAR (W/Kg) | 0.0000 | 10.2075 | 7.3996 | 5.4654 | 4.1101 | 3.1286 | 2.4128 |

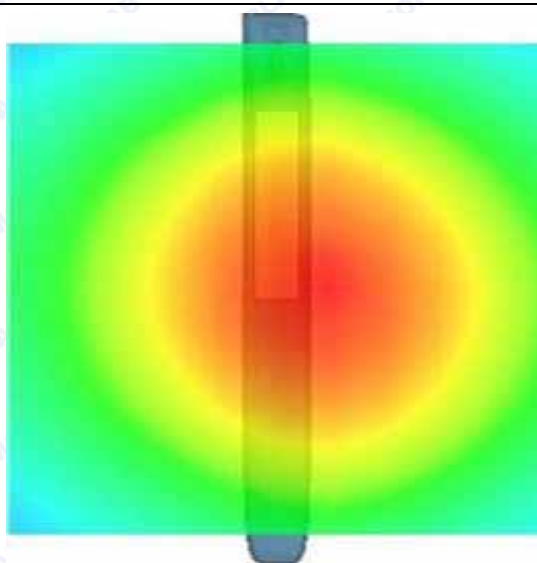
SAR, Z Axis Scan (X = 7, Y = 1)



3D scene shot



Hot spot position





**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: 2015.3.11

Measurement duration: 13 minutes 27 seconds

**A. Experimental conditions.**

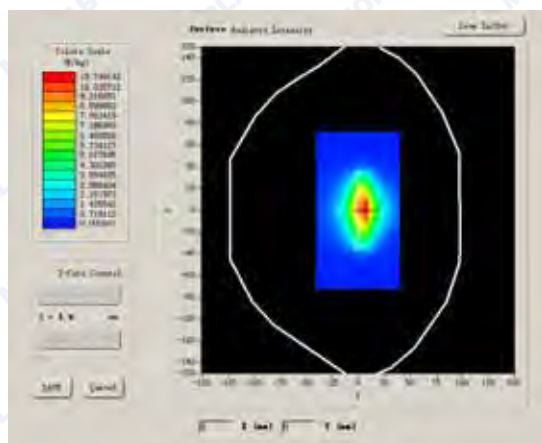
|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Validation plane  |
| Device Position |                   |
| Band            | 2450MHz           |
| Channels        |                   |
| Signal          | CW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

**B. SAR Measurement Results**

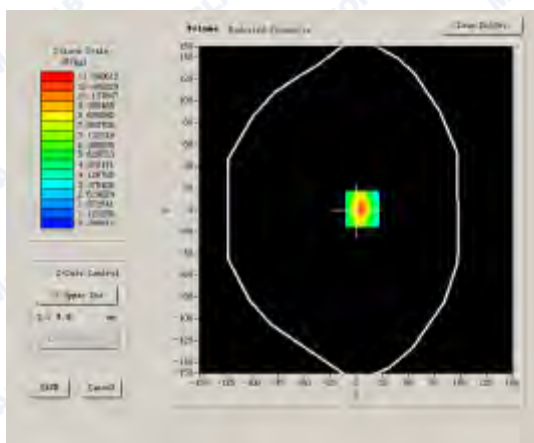
**Band SAR**

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 2450.000000 |
| Relative permittivity (real part) | 52.519342   |
| Conductivity (S/m)                | 1.935672    |
| 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**





REPORT No. : SZ15020045S01

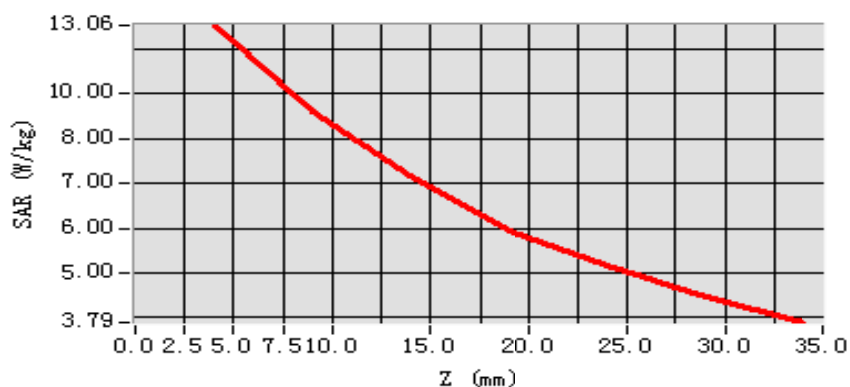
Maximum location: X=-1.00, Y=-50.00

|                |           |
|----------------|-----------|
| SAR 10g (W/Kg) | 7.205168  |
| SAR 1g (W/Kg)  | 12.926381 |

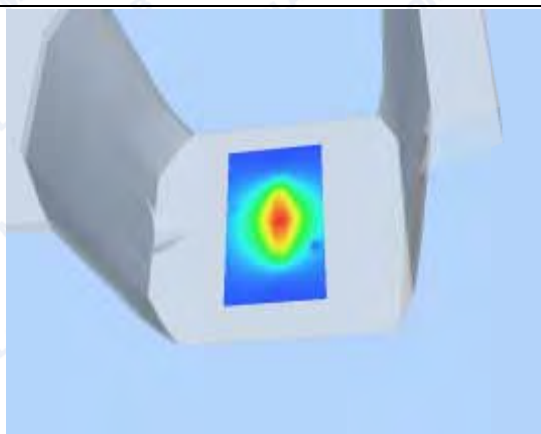
Z Axis Scan

| Z (mm)     | 0.00   | 4.00    | 9.00   | 14.00  | 19.00  |
|------------|--------|---------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 13.1279 | 6.8312 | 3.5991 | 1.3473 |

SAR, Z Axis Scan (X = -1, Y = -50)



3D scene shot



Hot spot position

