

**ANNEX C SYSTEM CHECK DATA****System Performance Check Data(2450MHz Body)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

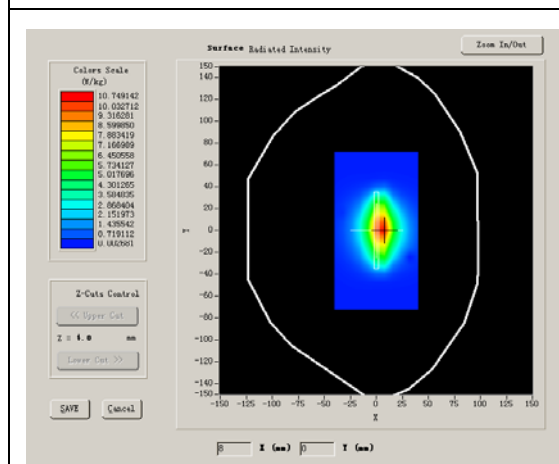
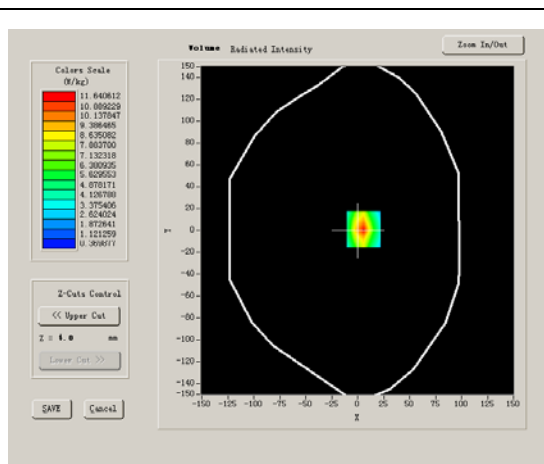
Measurement duration: 13 minutes 31 seconds

**A. Experimental conditions.**

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

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

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 2450.000000 |
| Relative permittivity (real part) | 52.884446   |
| Conductivity (S/m)                | 1.966143    |
| Power Drift (%)                   | 1.080000    |
| Ambient Temperature:              | 22.0°C      |
| Liquid Temperature:               | 21.8°C      |
| ConvF:                            | 4.93        |
| Crest factor:                     | 1:1         |

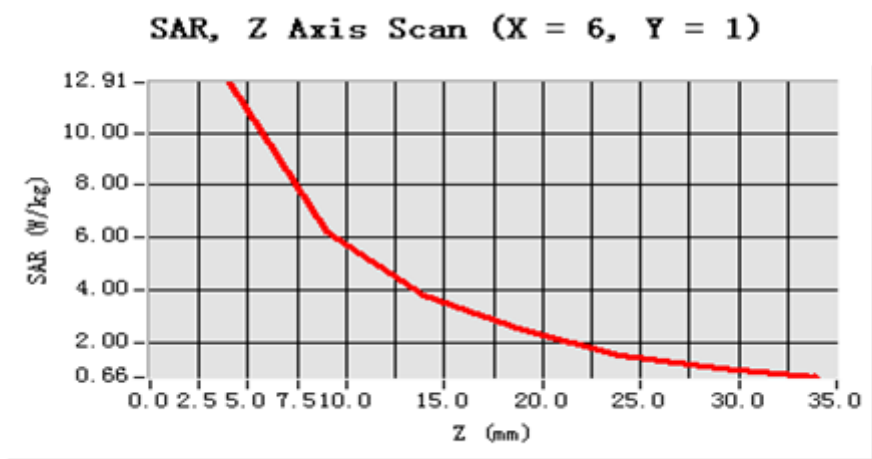
**SURFACE SAR****VOLUME SAR**

Maximum location: X=6.00, Y=1.00

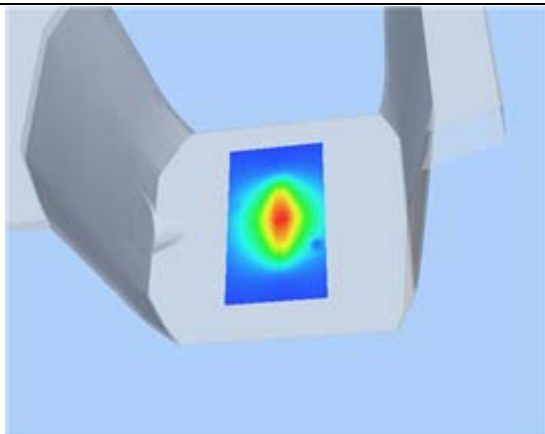
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 2.377250 |
| SAR 1g (W/Kg)  | 5.086074 |

### Z Axis Scan

| Z (mm)     | 0.00   | 4.00    | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|--------|---------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 12.9615 | 6.2096 | 3.8187 | 2.4504 | 1.5036 | 1.0219 |



3D scene shot



Hot spot position

