| | |
|---|---|
| | **Annex B: Measurement results** |
| | **Project name :M702** |
| | **Report number: TCT131212017F2-SAR** |

# I. RESULTS

| TYPE | BAND | PARAMETERS |
|---|---|---|
| **Phone** | **GSM850** | Measurement 1: Right Head with Cheek device position on Middle Channel in GSM mode |
| **Phone** | **GSM850** | Measurement 2: Right Head with Tilt device position on Middle Channel in GSM mode |
| **Phone** | **GSM850** | Measurement 3: Left Head with Cheek device position on Middle Channel in GSM mode |
| **Phone** | **GSM850** | Measurement 4: Left Head with Tilt device position on Middle Channel in GSM mode |
| **Phone** | **GSM850** | Measurement 5: Validation Plane with Body device position on Middle Channel in GSM mode |
| **Phone** | **GSM1900** | Measurement 6: Right Head with Cheek device position on Middle Channel in GSM mode |
| **Phone** | **GSM1900** | Measurement 7: Right Head with Tilt device position on Middle Channel in GSM mode |
| **Phone** | **GSM1900** | Measurement 8: Left Head with Cheek device position on Middle Channel in GSM mode |
| **Phone** | **GSM1900** | Measurement 9: Left Head with Tilt device position on Middle Channel in GSM mode |
| **Phone** | **GSM1900** | Measurement 10: Validation Plane with Body device position on Middle Channel in GSM mode |
| **Phone** | **Band2_WCDMA 1900** | Measurement 11: Right Head with Cheek device position on Middle Channel in WCDMA mode |
| **Phone** | **Band2_WCDMA** | Measurement 12: Right Head with Tilt device |

| | | |
|---|---|---|
| | **1900** | position on Middle Channel in WCDMA mode |
| **Phone** | **Band2_WCDMA 1900** | Measurement 13: Left Head with Cheek device position on Middle Channel in WCDMA mode |
| **Phone** | **Band2_WCDMA 1900** | Measurement 14: Left Head with Tilt device position on Middle Channel in WCDMA mode |
| **Phone** | **Band2_WCDMA 1900** | Measurement 15: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band2_WCDMA 1900** | Measurement 16: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band2_WCDMA 1900** | Measurement 17: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band2_WCDMA 1900** | Measurement 18: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band2_WCDMA 1900** | Measurement 19: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 20: Right Head with Cheek device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 21: Right Head with Tilt device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 22: Left Head with Cheek device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 23: Left Head with Tilt device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 24: Validation Plane with Body device position on Low Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 25: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 26: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 27: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 28: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 29: Validation Plane with Body device position on Middle Channel in WCDMA mode |
| **Phone** | **Band5_WCDMA 850** | Measurement 30: Validation Plane with Body device position on High Channel in WCDMA mode |
| **Phone** | **IEEE 802.11b ISM** | Measurement 31: Right Head with Cheek device position on High Channel in --- mode |

| | | |
|---|---|---|
| **Phone** | **IEEE 802.11b ISM** | Measurement 32: Right Head with Tilt device position on High Channel in --- mode |
| **Phone** | **IEEE 802.11b ISM** | Measurement 33: Left Head with Cheek device position on High Channel in --- mode |
| **Phone** | **IEEE 802.11b ISM** | Measurement 34: Left Head with Tilt device position on High Channel in --- mode |
| **Phone** | **IEEE 802.11b ISM** | Measurement 35: Validation Plane with Body device position on High Channel in --- mode |
| **Phone** | **IEEE 802.11b ISM** | Measurement 36: Validation Plane with Body device position on High Channel in --- mode |
| **Phone** | **IEEE 802.11b ISM** | Measurement 37: Validation Plane with Body device position on High Channel in --- mode |
| **Phone** | **CUSTOM** | Measurement 38: Validation Plane with Body device position (band GPRS850_3Tx) |
| **Phone** | **CUSTOM** | Measurement 39: Validation Plane with Body device position (band GPRS850_3Tx) |
| **Phone** | **CUSTOM** | Measurement 40: Validation Plane with Body device position (band GPRS850_3Tx) |
| **Phone** | **CUSTOM** | Measurement 41: Validation Plane with Body device position (band GPRS850_3Tx) |
| **Phone** | **CUSTOM** | Measurement 42: Validation Plane with Body device position (band GPRS850_3Tx) |
| **Phone** | **CUSTOM** | Measurement 43: Validation Plane with Body device position (band GPRS850_3Tx) |
| **Phone** | **CUSTOM** | Measurement 44: Validation Plane with Body device position (band GPRS1900_4Tx) |
| **Phone** | **CUSTOM** | Measurement 45: Validation Plane with Body device position (band GPRS1900_4Tx) |
| **Phone** | **CUSTOM** | Measurement 46: Validation Plane with Body device position (band GPRS1900_4Tx) |
| **Phone** | **CUSTOM** | Measurement 47: Validation Plane with Body device position (band GPRS1900_4Tx) |
| **Phone** | **CUSTOM** | Measurement 48: Validation Plane with Body device position (band GPRS1900_4Tx) |
| **Phone** | **CUSTOM** | Measurement 49: Validation Plane with Body device position (band GPRS1900_4Tx) |

# MEASUREMENT 1

## Right_cheek_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 3 seconds

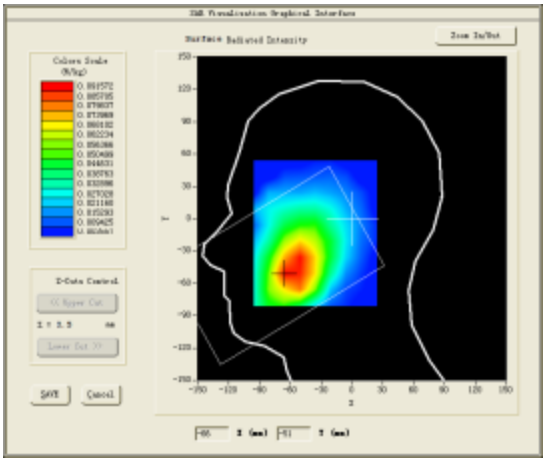
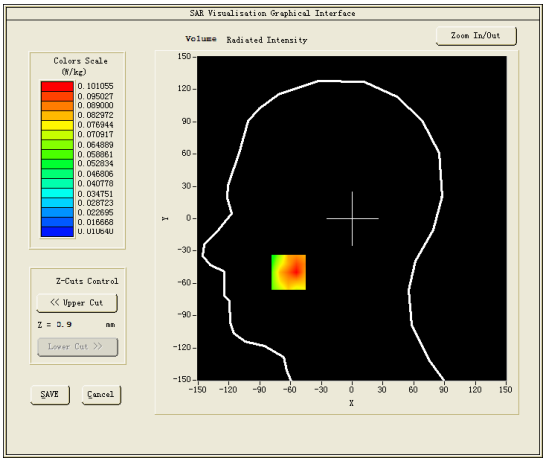
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Cheek |
| **Band** | GSM850 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 190):

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 39.776080 |
| **Relative permittivity (imaginary part)** | 19.381620 |
| **Conductivity (S/m)** | 0.900192 |
| **Variation (%)** | -2.970000 |
| **ConvF** | 5.94 |

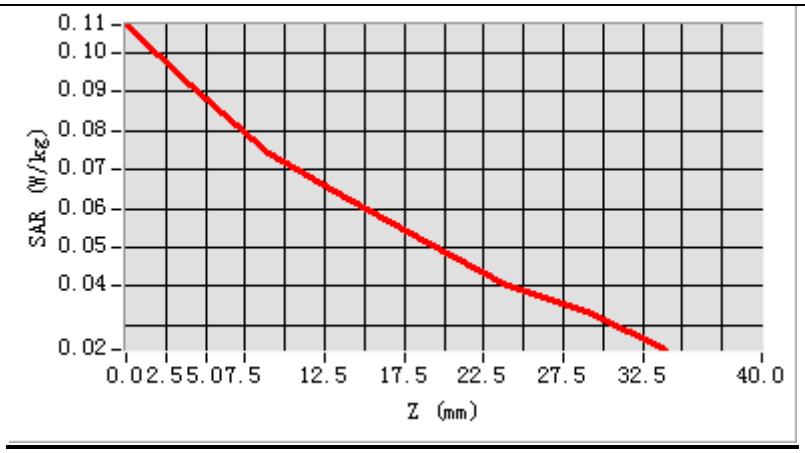
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

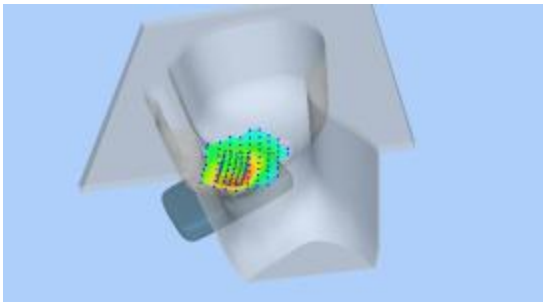
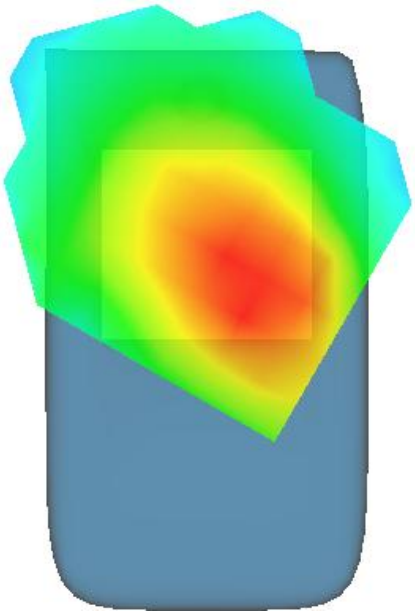
**Maximum location: X=-62.00, Y=-50.00**

**SAR Peak: 0.12 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.070230 |
| **SAR 1g (W/Kg)** | 0.094647 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 2

## Right_tilt_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 10 minutes 5 seconds

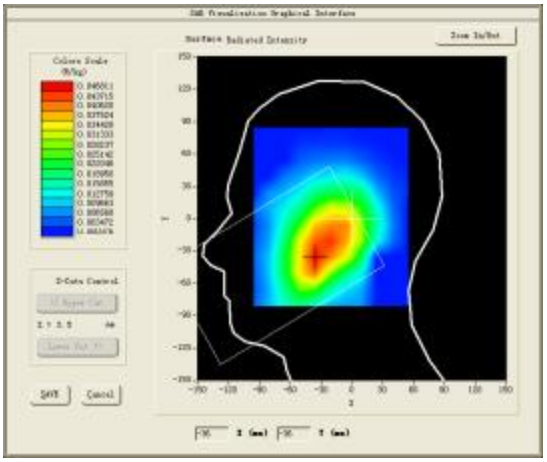
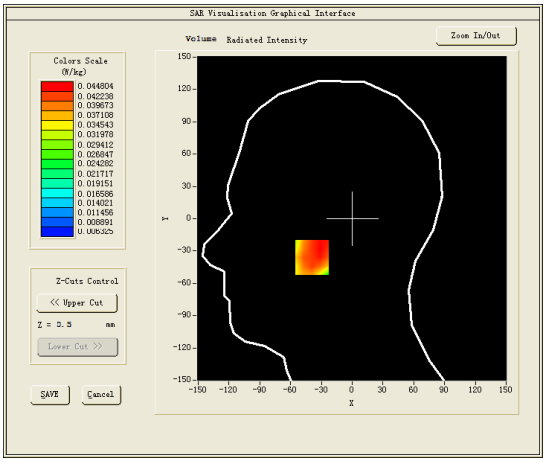
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Tilt |
| **Band** | GSM850 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 190):

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 39.776080 |
| **Relative permittivity (imaginary part)** | 19.381620 |
| **Conductivity (S/m)** | 0.900192 |
| **Variation (%)** | -0.340000 |
| **ConvF** | 5.94 |

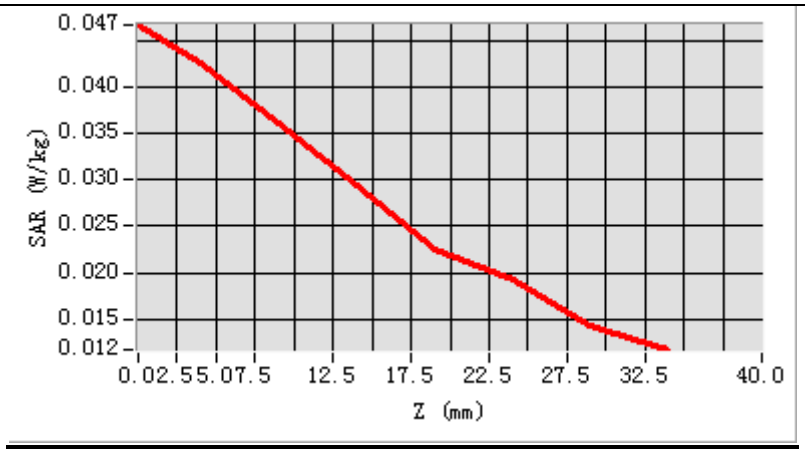
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

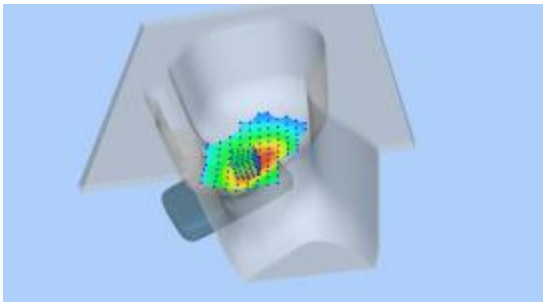
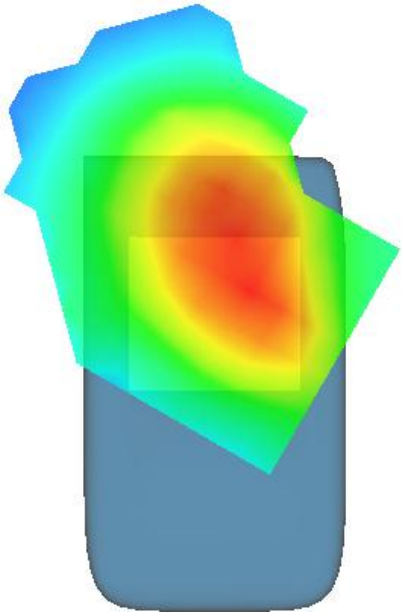
**Maximum location: X=-35.00, Y=-36.00**

**SAR Peak: 0.06 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.033334 |
| **SAR 1g (W/Kg)** | 0.043613 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 3

## Left_cheek_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 3 seconds

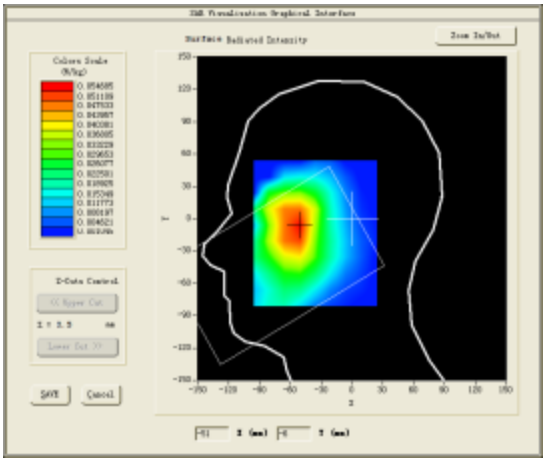
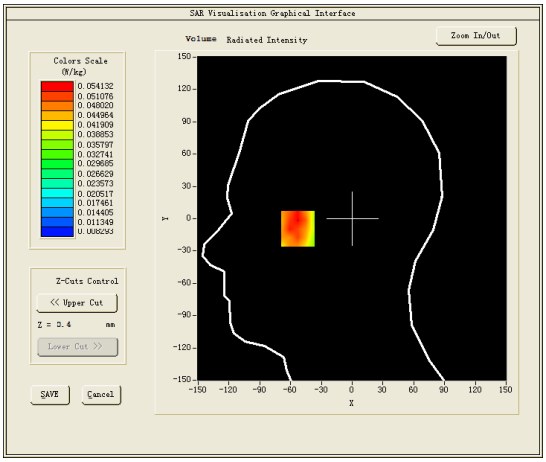
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Cheek |
| **Band** | GSM850 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 190):

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 39.776080 |
| **Relative permittivity (imaginary part)** | 19.381620 |
| **Conductivity (S/m)** | 0.900192 |
| **Variation (%)** | -0.570000 |
| **ConvF** | 5.94 |

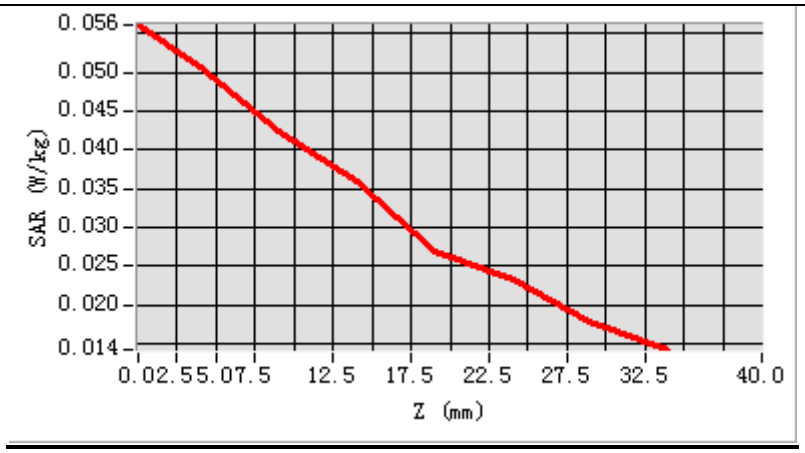
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

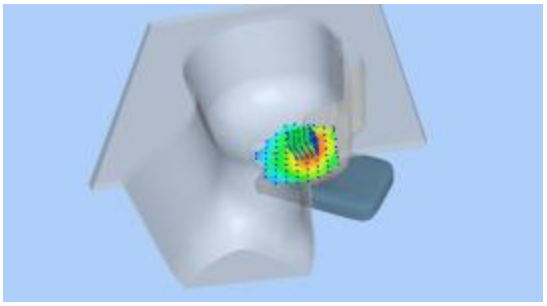
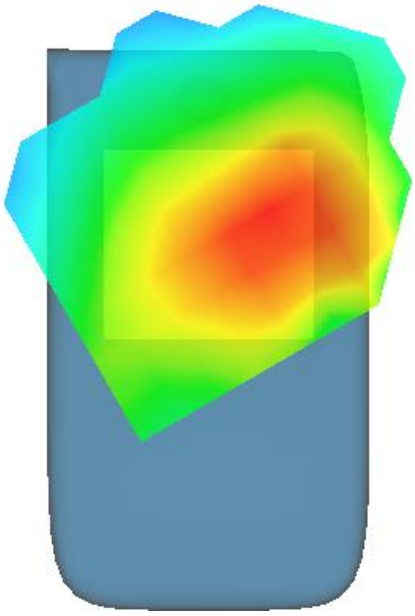
**Maximum location: X=-53.00, Y=-7.00**

**SAR Peak: 0.07 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.039598 |
| **SAR 1g (W/Kg)** | 0.052966 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 4

## Left_tilt_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 55 seconds

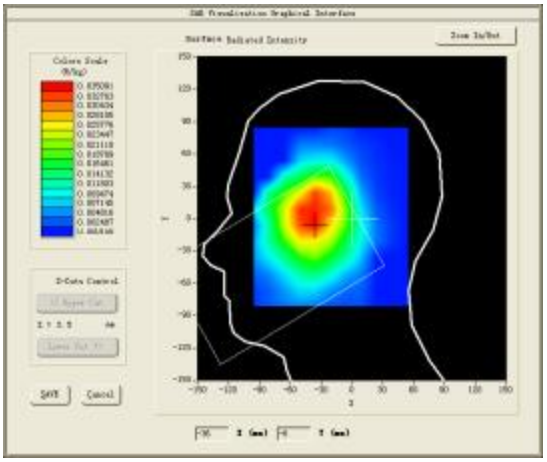
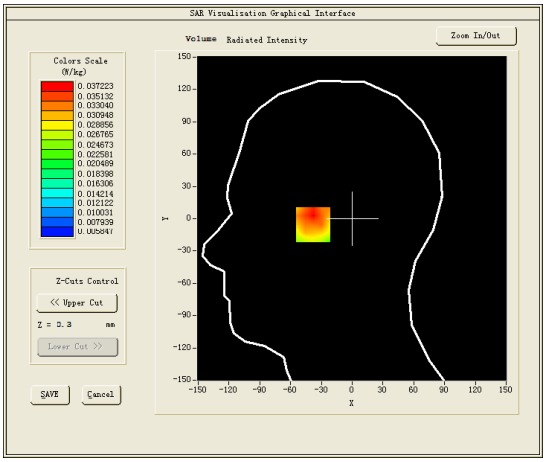
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Tilt |
| **Band** | GSM850 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 190):

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 39.776080 |
| **Relative permittivity (imaginary part)** | 19.381620 |
| **Conductivity (S/m)** | 0.900192 |
| **Variation (%)** | 0.400000 |
| **ConvF** | 5.94 |

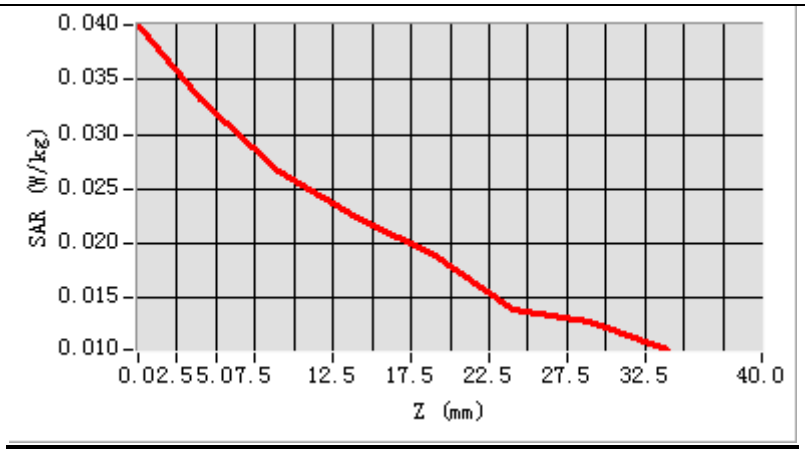
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

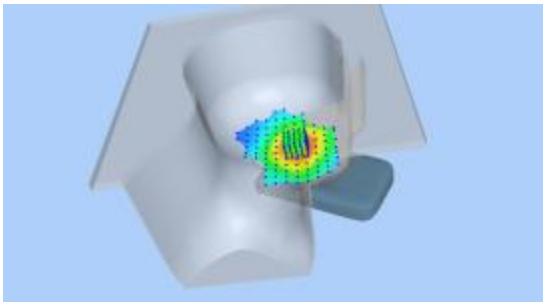
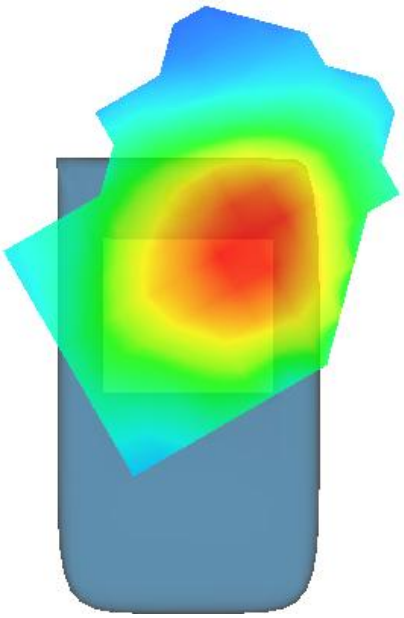
**Maximum location: X=-38.00, Y=-3.00**

**SAR Peak: 0.05 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.026625 |
| **SAR 1g (W/Kg)** | 0.036375 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 5

## Towards_ground_with_headset_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 27 seconds

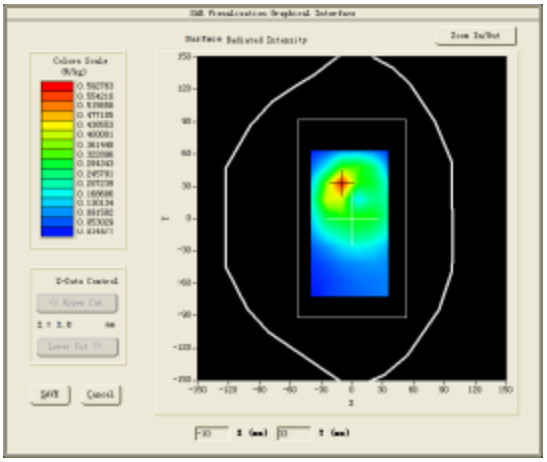
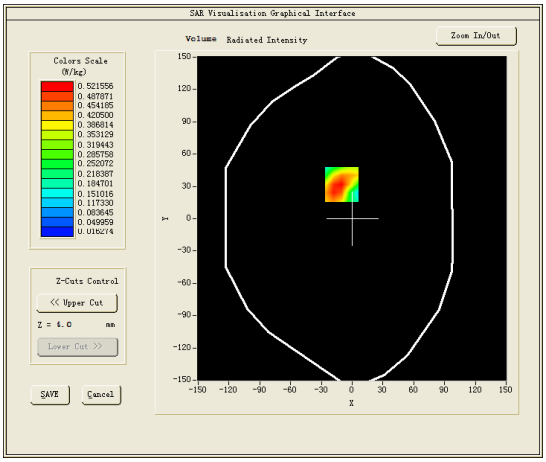
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | GSM850 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 190):

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 53.388620 |
| **Relative permittivity (imaginary part)** | 20.748321 |
| **Conductivity (S/m)** | 0.963316 |
| **Variation (%)** | 4.050000 |
| **ConvF** | 6.17 |

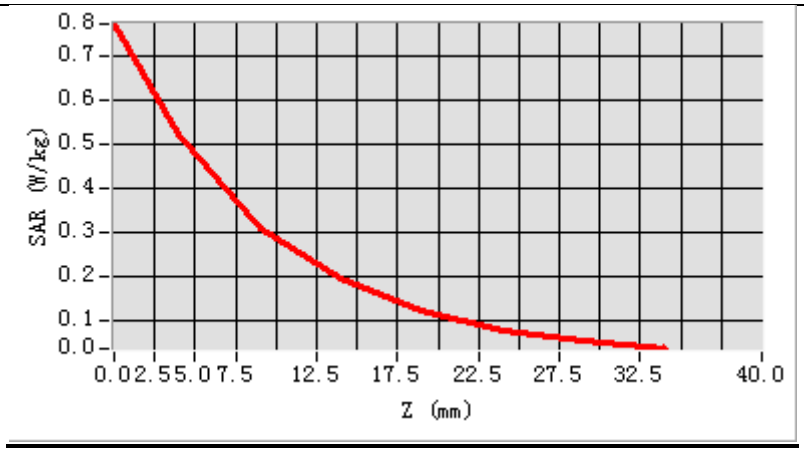
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

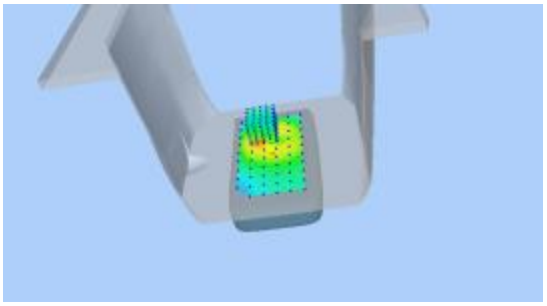
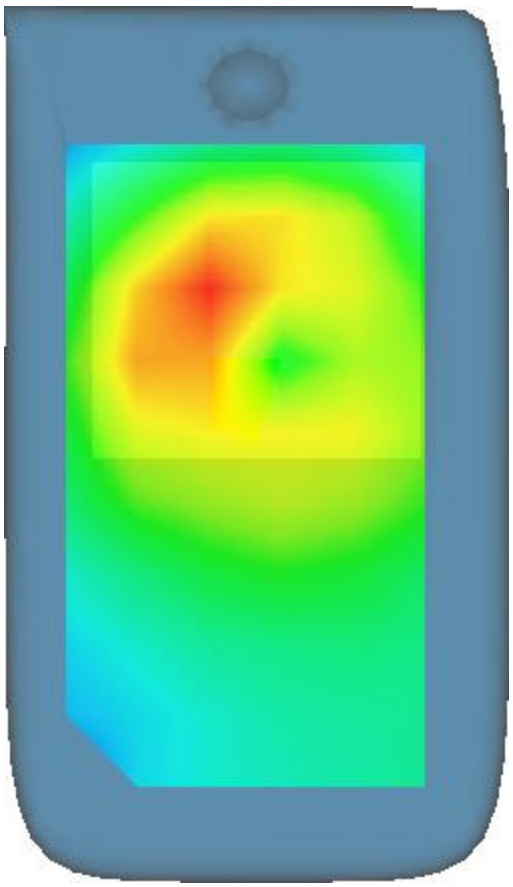
**Maximum location: X=-10.00, Y=32.00**

**SAR Peak: 0.84 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.313945 |
| **SAR 1g (W/Kg)** | 0.541569 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 6

## Right_cheek_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 25 seconds

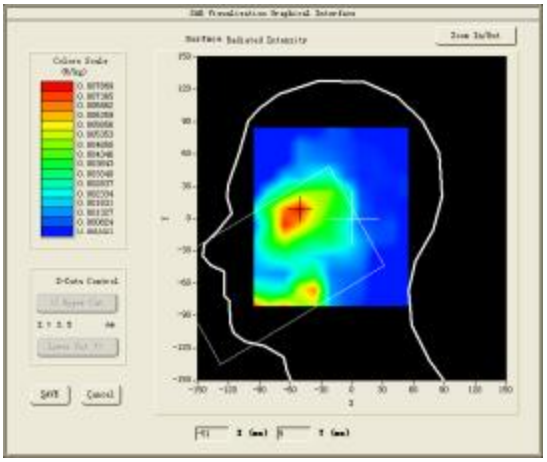
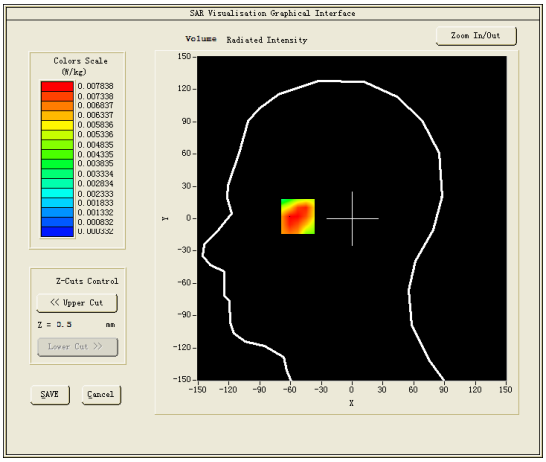
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Cheek |
| **Band** | GSM1900 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 661):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 39.443699 |
| **Relative permittivity (imaginary part)** | 13.556300 |
| **Conductivity (S/m)** | 1.415880 |
| **Variation (%)** | 2.990000 |
| **ConvF** | 6.08 |

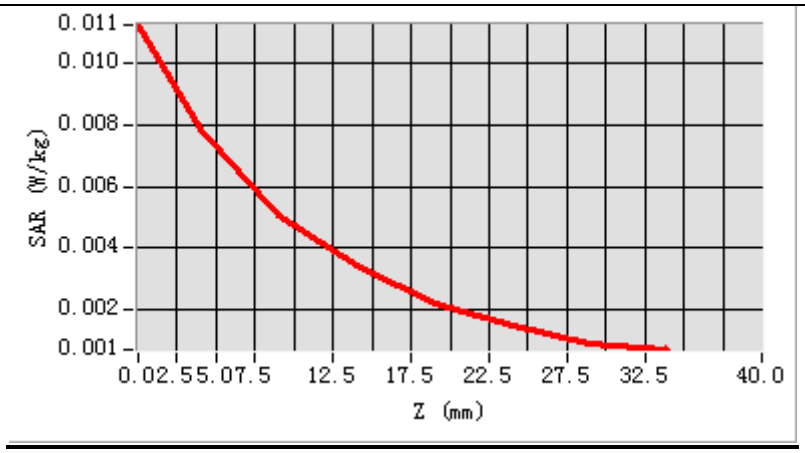
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

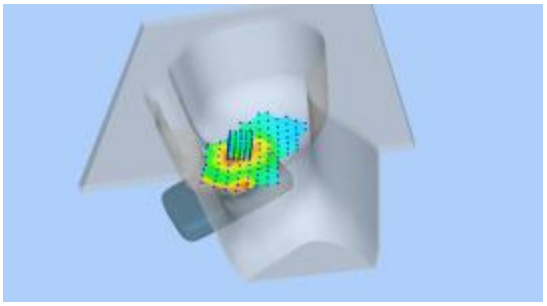
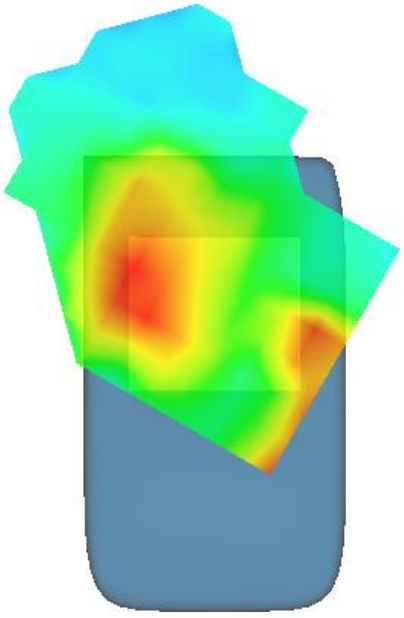
**Maximum location: X=-53.00, Y=7.00**

**SAR Peak: 0.01 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.004636 |
| **SAR 1g (W/Kg)** | 0.007684 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 7

## Right_tilt_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 36 seconds

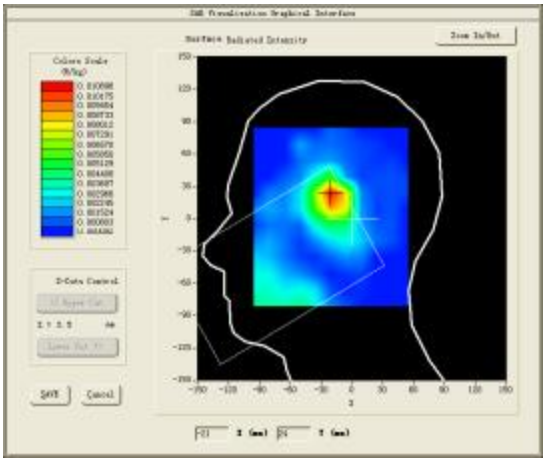
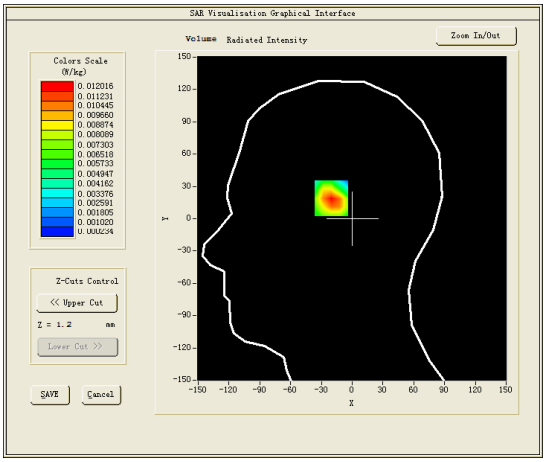
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Tilt |
| **Band** | GSM1900 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 661):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 39.443699 |
| **Relative permittivity (imaginary part)** | 13.556300 |
| **Conductivity (S/m)** | 1.415880 |
| **Variation (%)** | -2.330000 |
| **ConvF** | 6.08 |

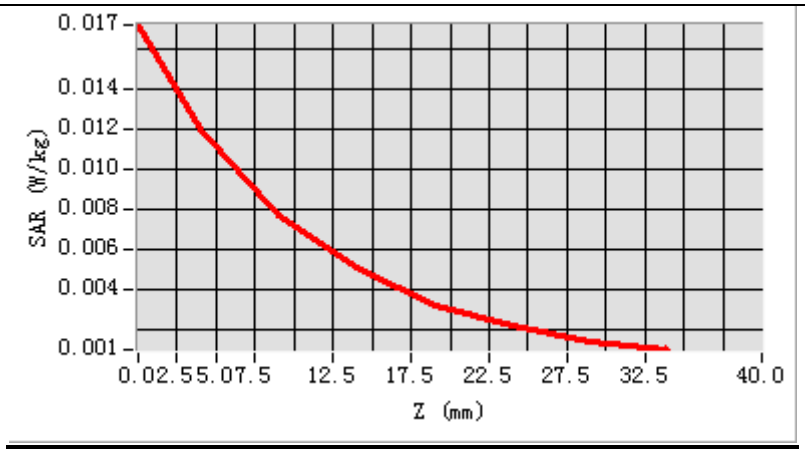
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

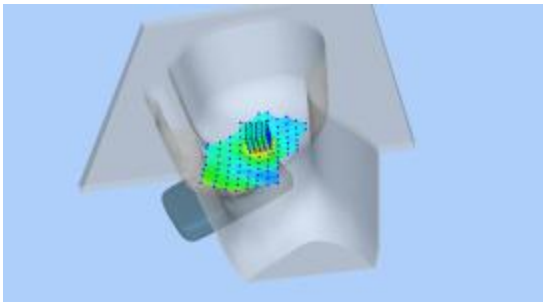
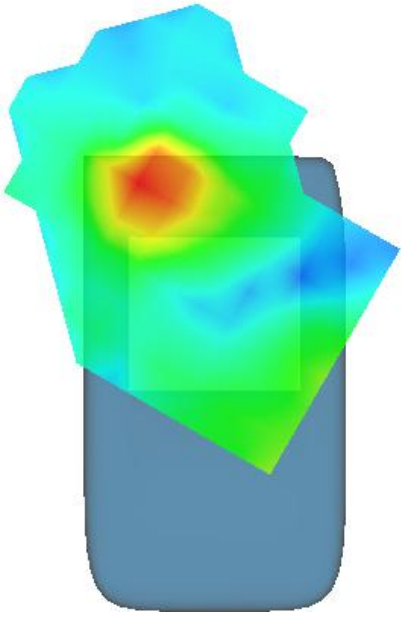
**Maximum location: X=-19.00, Y=22.00**

**SAR Peak: 0.02 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.006552 |
| **SAR 1g (W/Kg)** | 0.011413 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 8

## Left_cheek_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 10 seconds

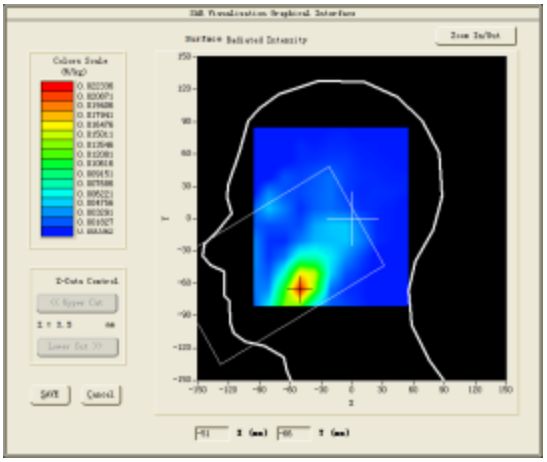
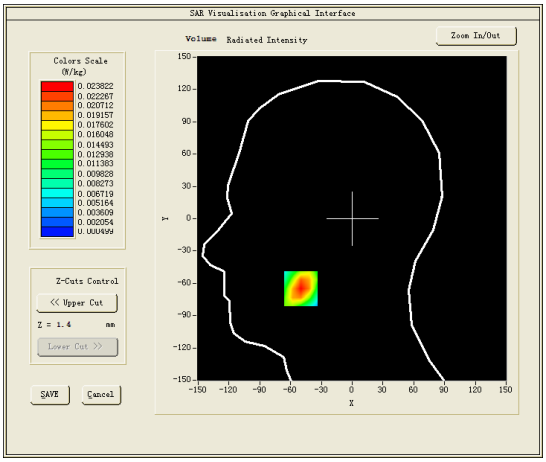
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Cheek |
| **Band** | GSM1900 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 661):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 39.443699 |
| **Relative permittivity (imaginary part)** | 13.556300 |
| **Conductivity (S/m)** | 1.415880 |
| **Variation (%)** | 0.300000 |
| **ConvF** | 6.08 |

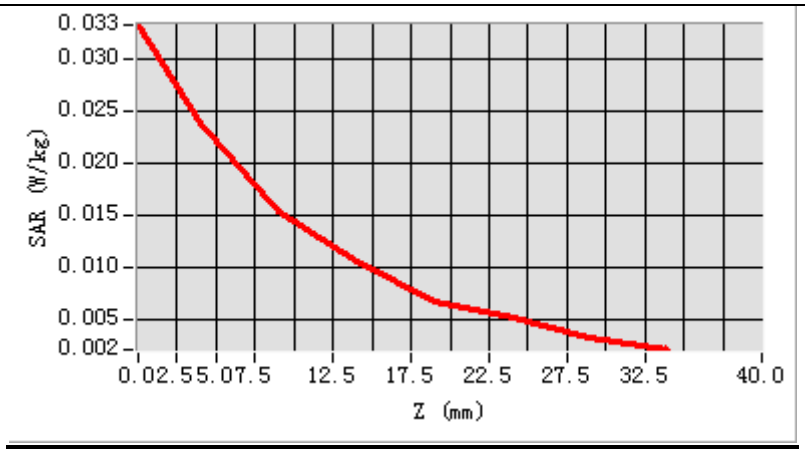
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

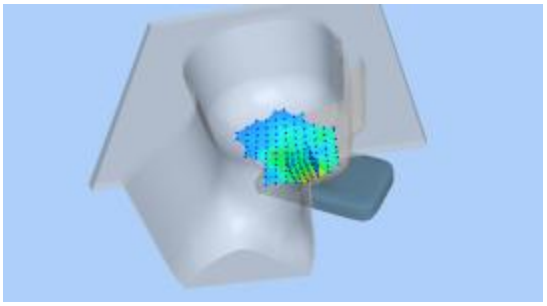
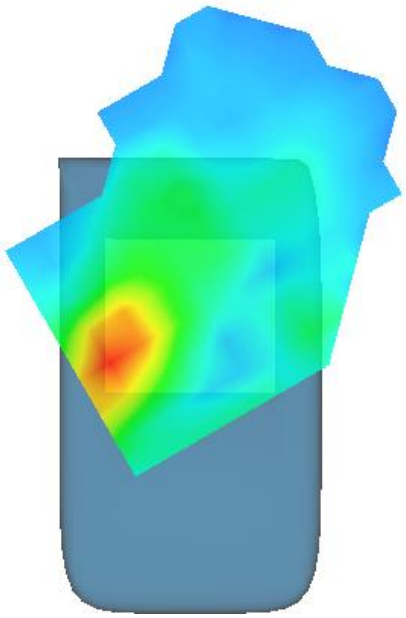
**Maximum location: X=-50.00, Y=-65.00**

**SAR Peak: 0.03 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.013134 |
| **SAR 1g (W/Kg)** | 0.022698 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# EASUREMENT 9

## Left_tilt_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 44 seconds

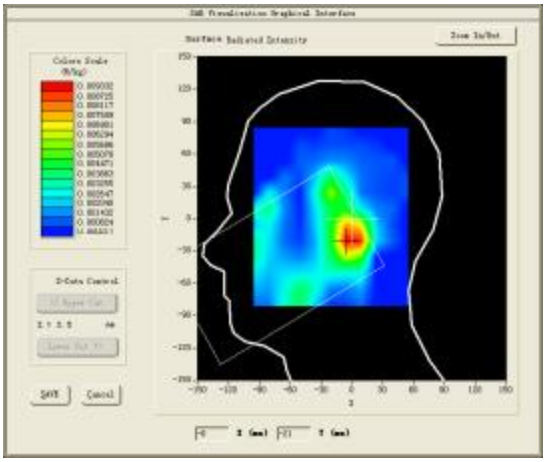
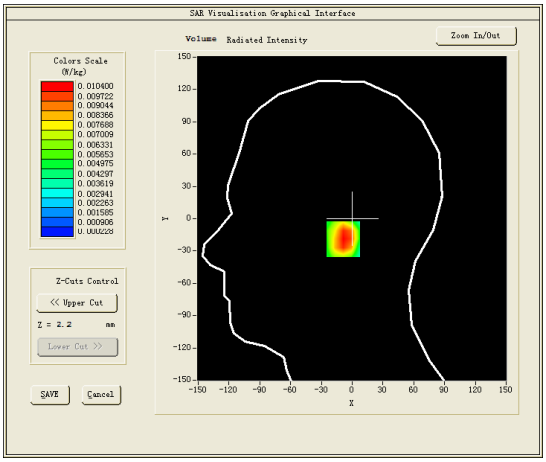
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Tilt |
| **Band** | GSM1900 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 661):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 39.443699 |
| **Relative permittivity (imaginary part)** | 13.556300 |
| **Conductivity (S/m)** | 1.415880 |
| **Variation (%)** | -1.000000 |
| **ConvF** | 6.08 |

| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

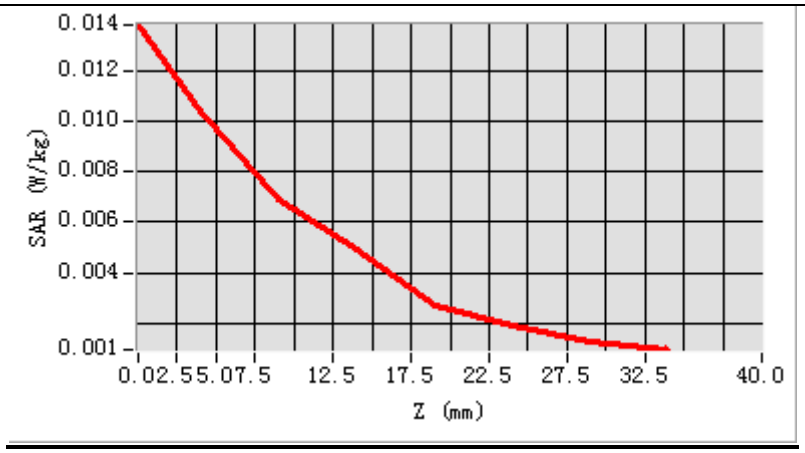


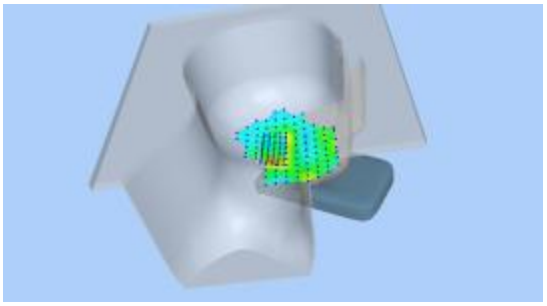
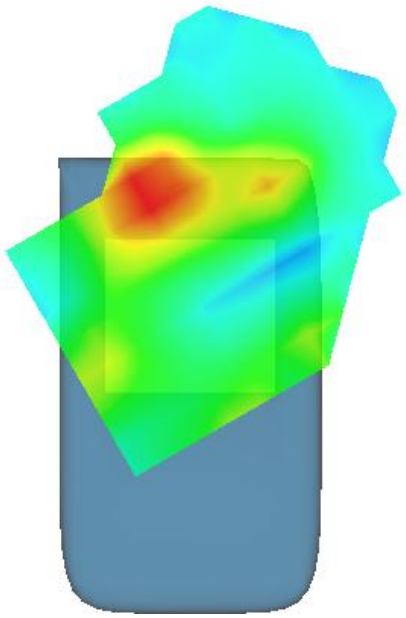
**Maximum location: X=0.00, Y=-19.00**

**SAR Peak: 0.02 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.005877 |
| **SAR 1g (W/Kg)** | 0.010202 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 10

## Towards_ground_with_headset_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 35 seconds

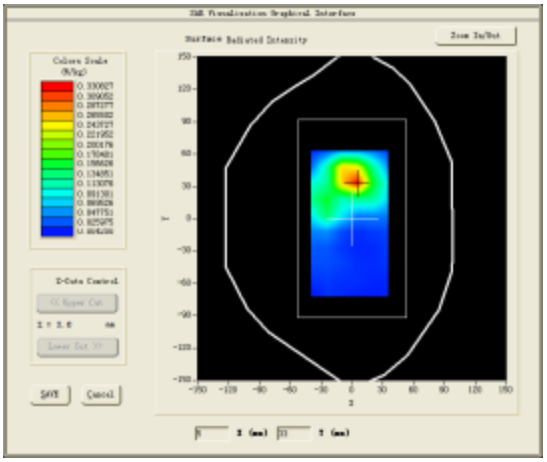
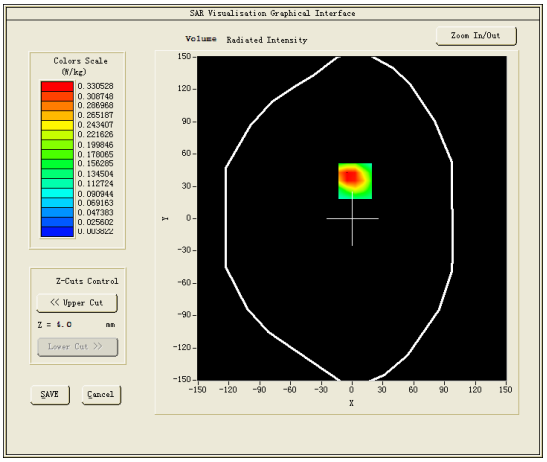
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | GSM1900 |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 8.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 661):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | 4.150000 |
| **ConvF** | 6.25 |

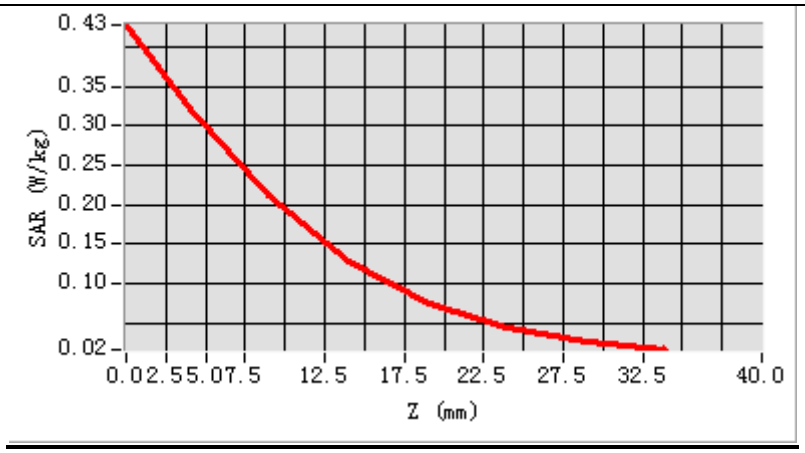
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

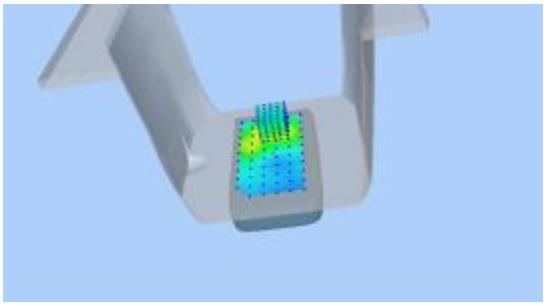
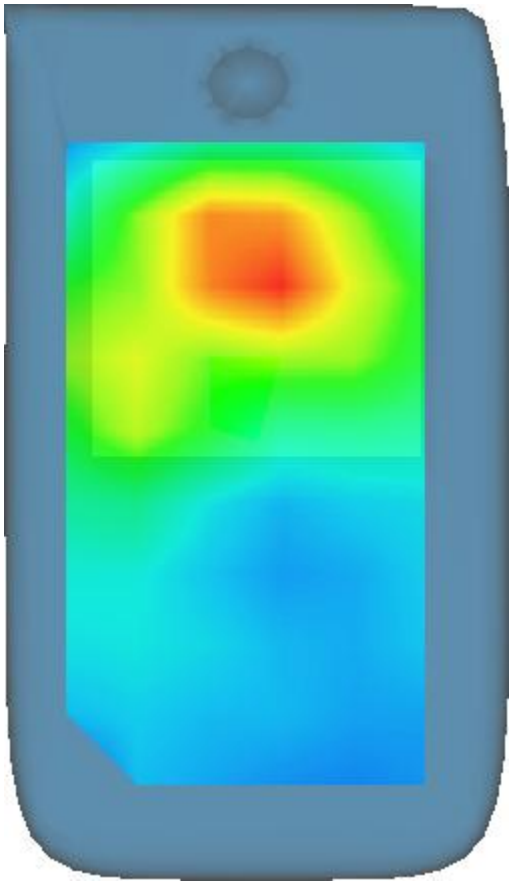
**Maximum location: X=3.00, Y=35.00**

**SAR Peak: 0.53 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.187424 |
| **SAR 1g (W/Kg)** | 0.344933 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 11

## Right_cheek_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 10 minutes 26 seconds

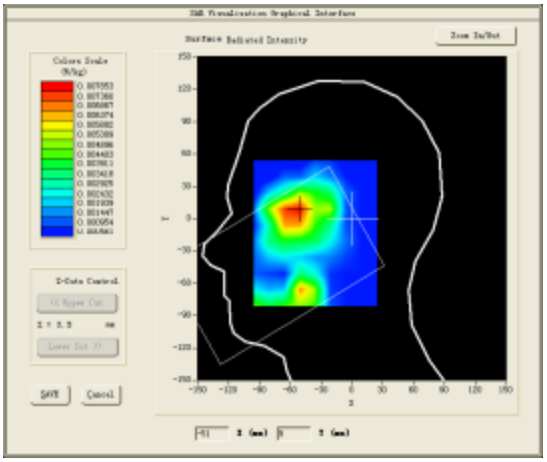
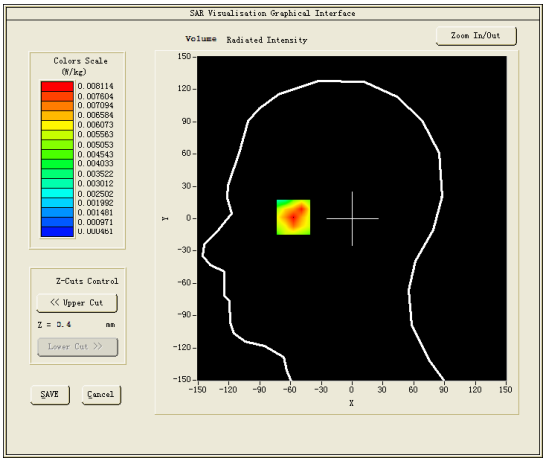
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Cheek |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 39.443699 |
| **Relative permittivity (imaginary part)** | 13.556300 |
| **Conductivity (S/m)** | 1.415880 |
| **Variation (%)** | -2.900000 |
| **ConvF** | 6.08 |

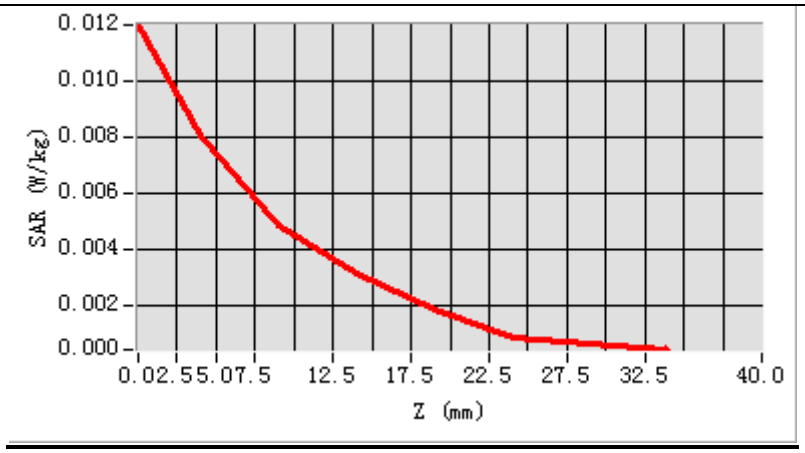
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

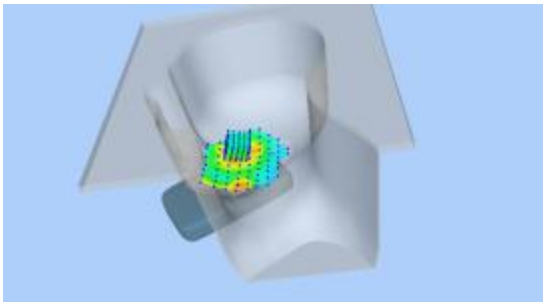
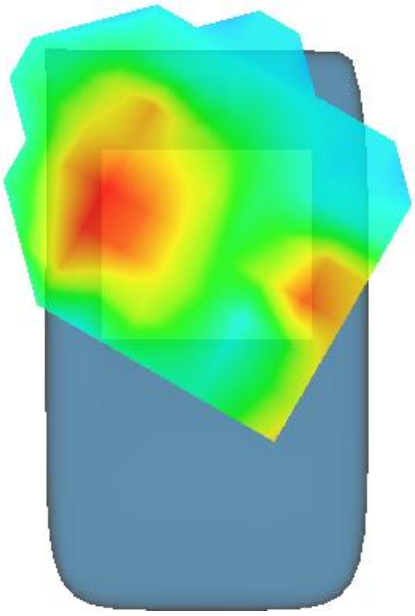
**Maximum location: X=-57.00, Y=6.00**

**SAR Peak: 0.01 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.004413 |
| **SAR 1g (W/Kg)** | 0.007700 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 12

## Right_tilt_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 40 seconds

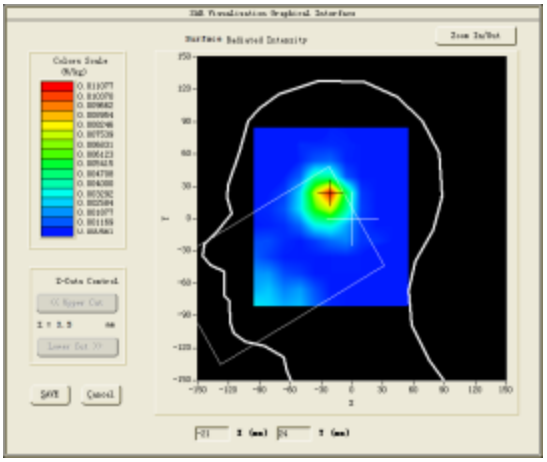
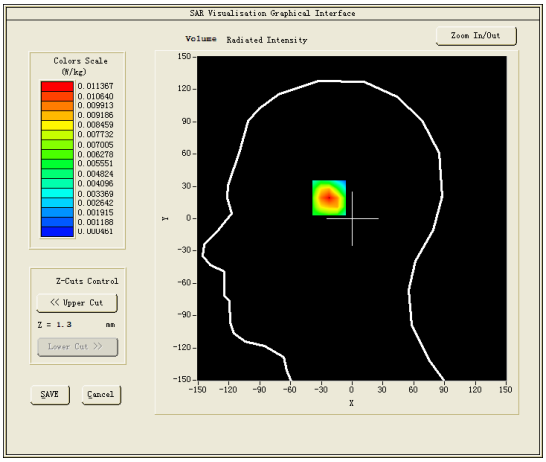
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Tilt |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 39.443699 |
| **Relative permittivity (imaginary part)** | 13.556300 |
| **Conductivity (S/m)** | 1.415880 |
| **Variation (%)** | -2.040000 |
| **ConvF** | 6.08 |

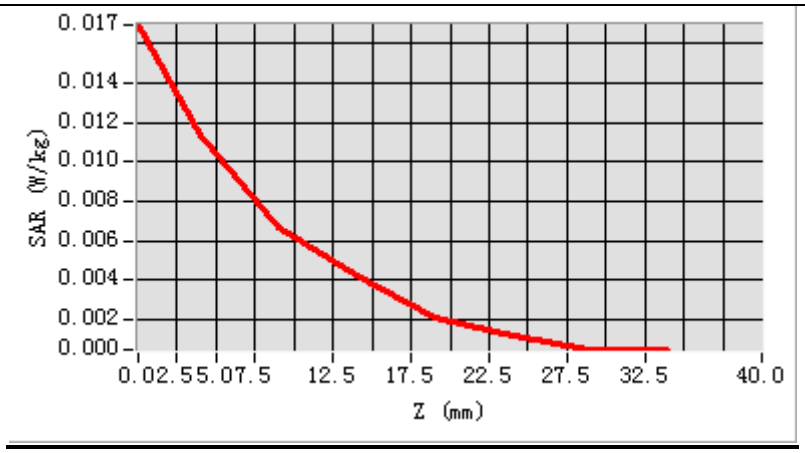
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

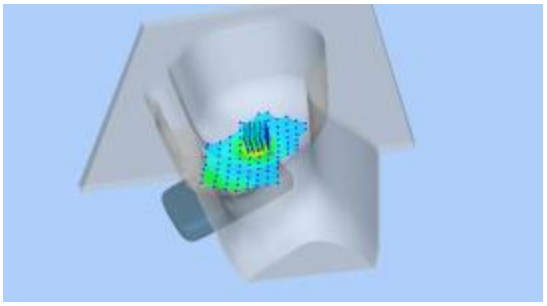
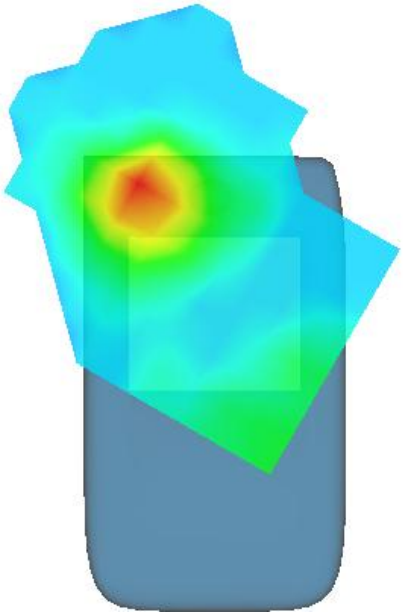
**Maximum location: X=-22.00, Y=23.00**

**SAR Peak: 0.02 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.005764 |
| **SAR 1g (W/Kg)** | 0.010754 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 13

## Left_cheek_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 10 minutes 39 seconds

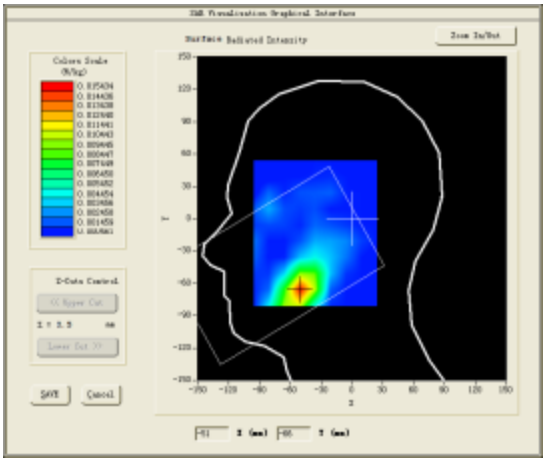
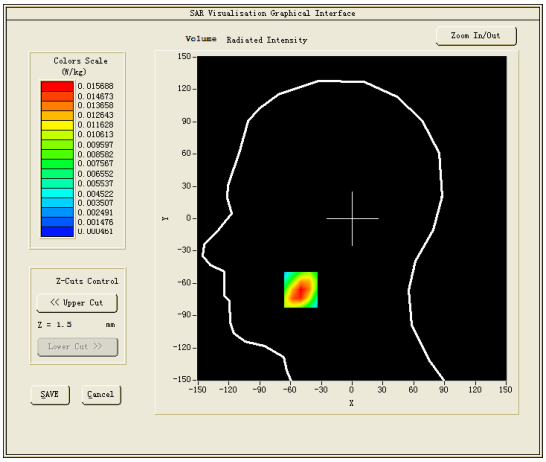
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Cheek |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 39.443699 |
| **Relative permittivity (imaginary part)** | 13.556300 |
| **Conductivity (S/m)** | 1.415880 |
| **Variation (%)** | 0.010000 |
| **ConvF** | 6.08 |

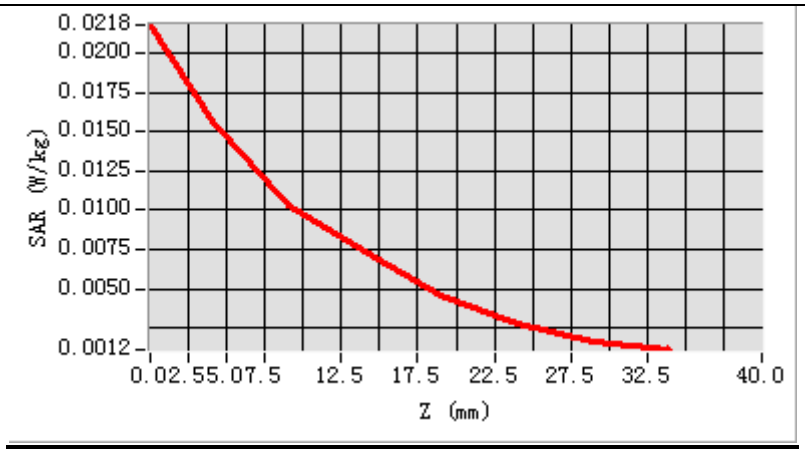
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

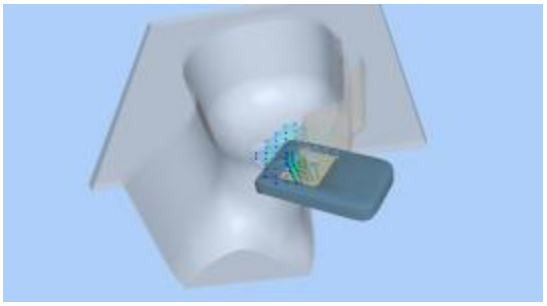
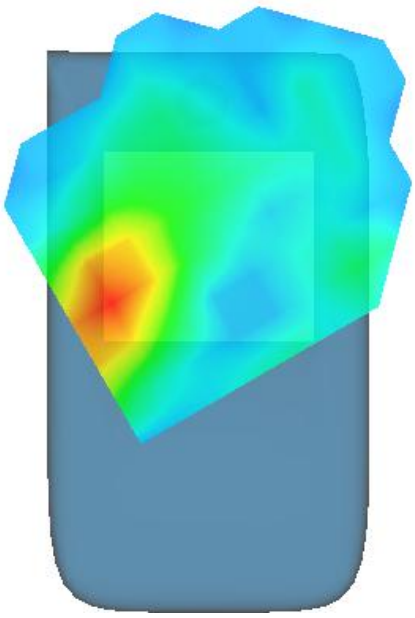
**Maximum location: X=-50.00, Y=-66.00**

**SAR Peak: 0.02 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.008715 |
| **SAR 1g (W/Kg)** | 0.015306 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 14

## Left_tilt_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 51 seconds

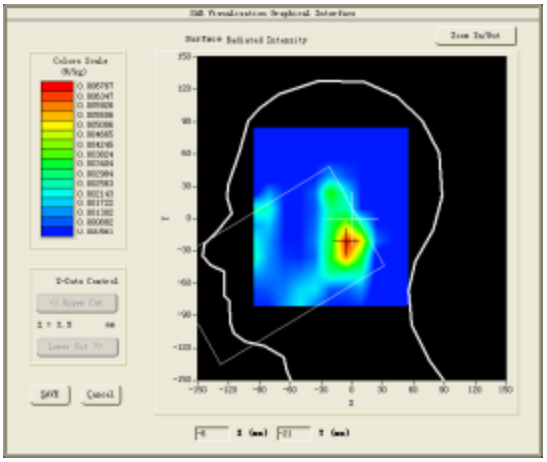
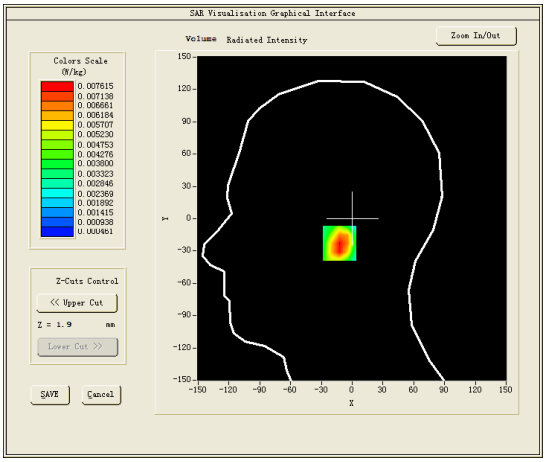
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Tilt |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 39.443699 |
| **Relative permittivity (imaginary part)** | 13.556300 |
| **Conductivity (S/m)** | 1.415880 |
| **Variation (%)** | 1.210000 |
| **ConvF** | 6.08 |

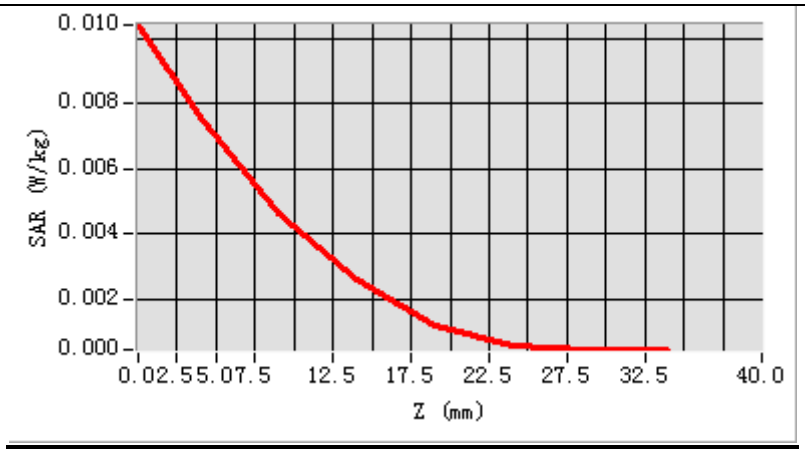
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

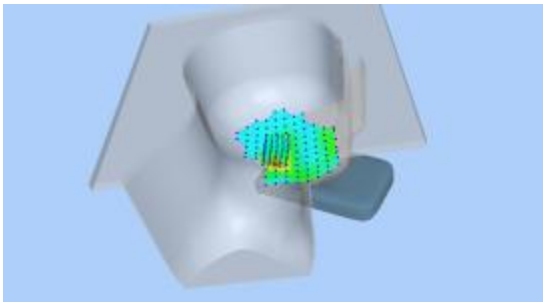
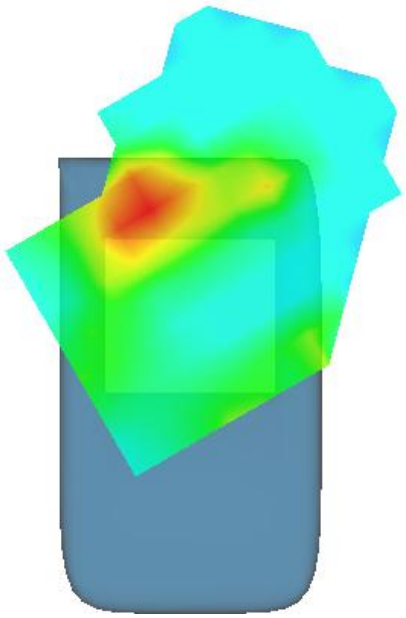
**Maximum location: X=-3.00, Y=-23.00**

**SAR Peak: 0.01 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.003865 |
| **SAR 1g (W/Kg)** | 0.007301 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 15

## Bottom_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 21 seconds

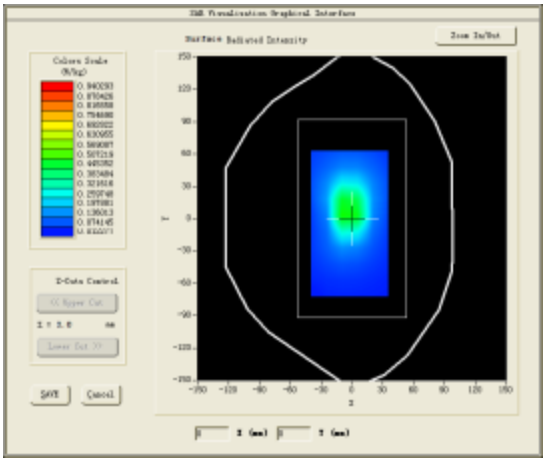
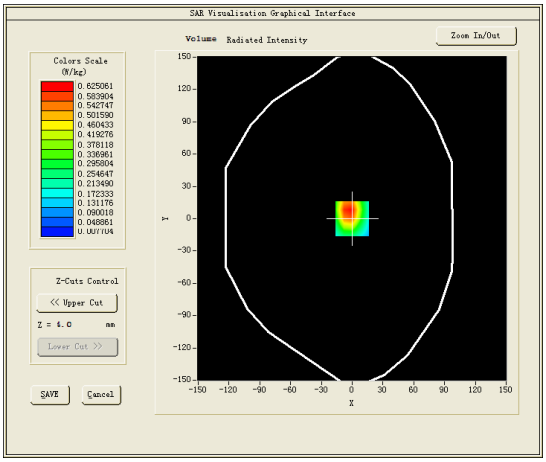
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | 0.780000 |
| **ConvF** | 6.25 |

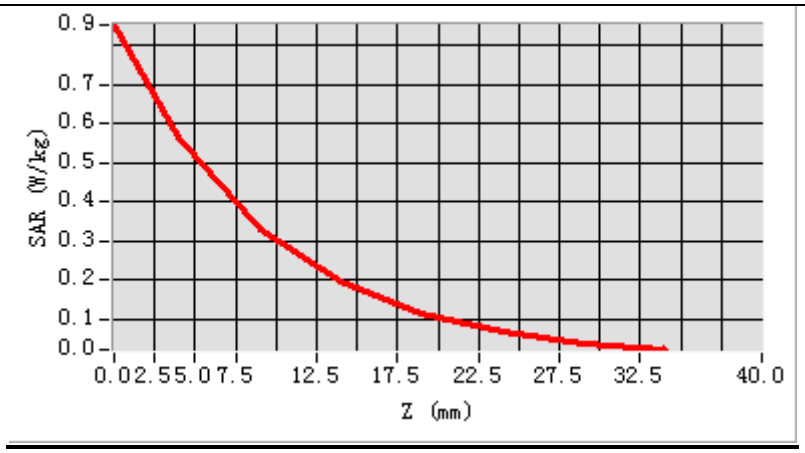
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

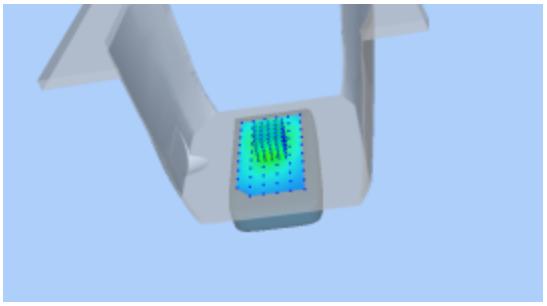
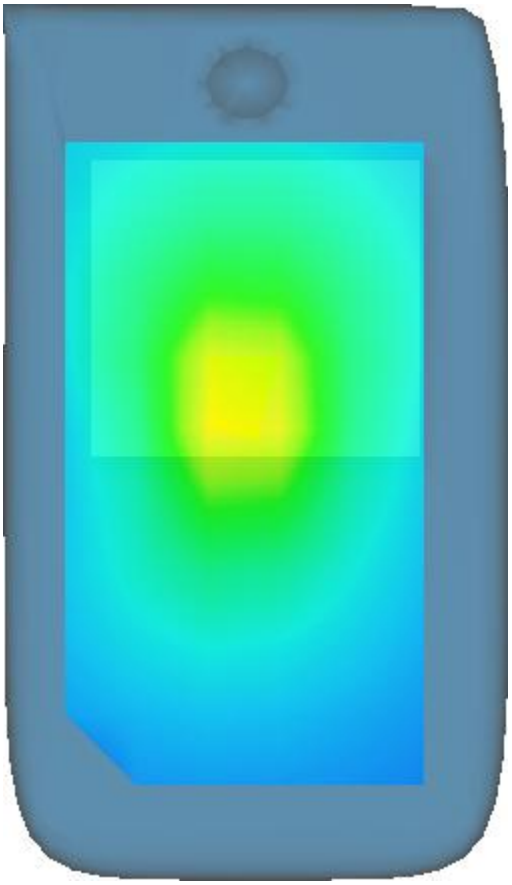
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 1.09 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.345650 |
| **SAR 1g (W/Kg)** | 0.662187 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 16

## Left_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 20 seconds

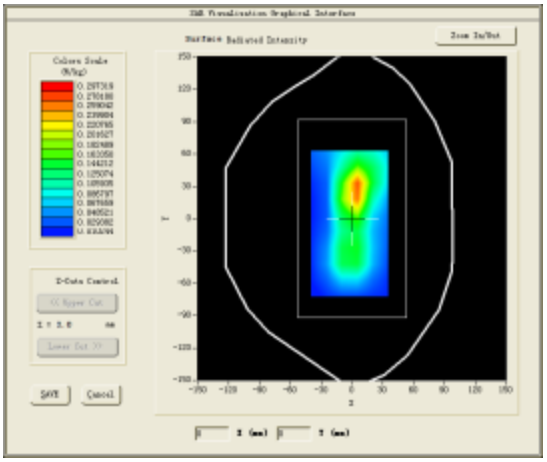
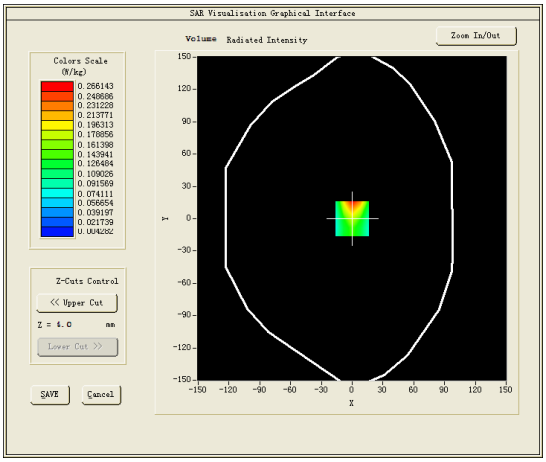
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | -3.930000 |
| **ConvF** | 6.25 |

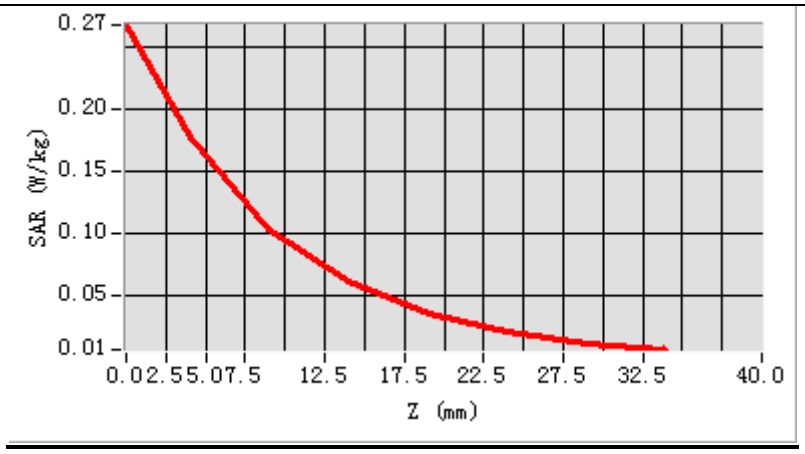
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

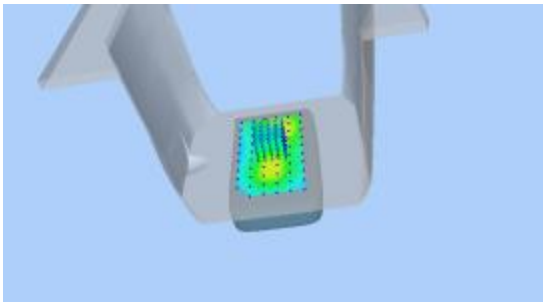
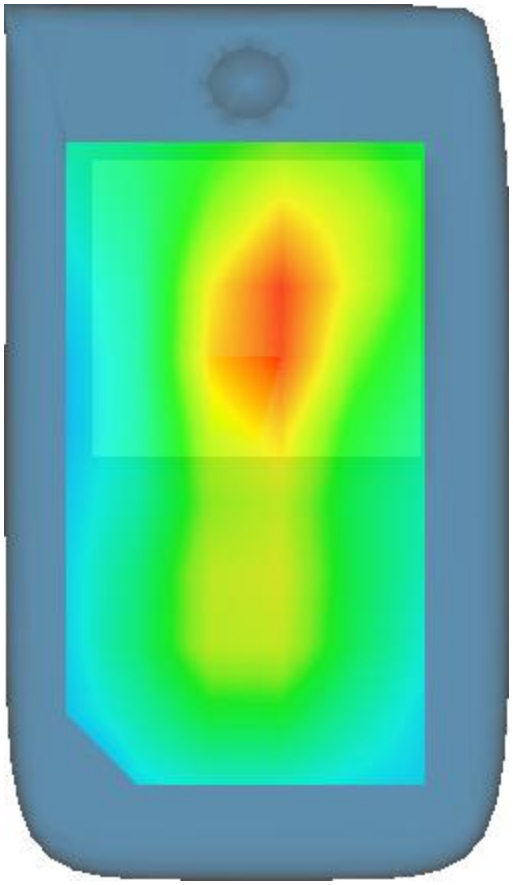
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 0.44 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.125524 |
| **SAR 1g (W/Kg)** | 0.253889 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 17

## Right_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 20 seconds

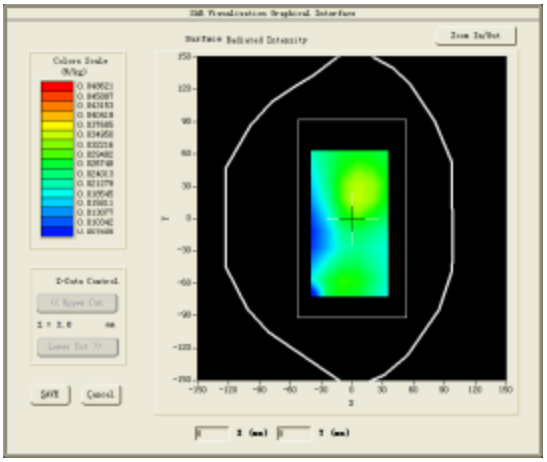
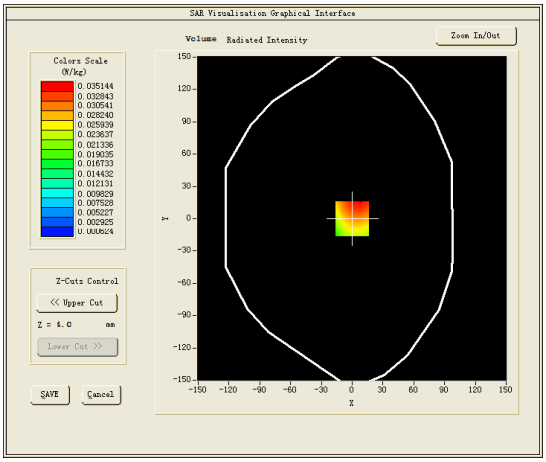
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | 0.040000 |
| **ConvF** | 6.25 |

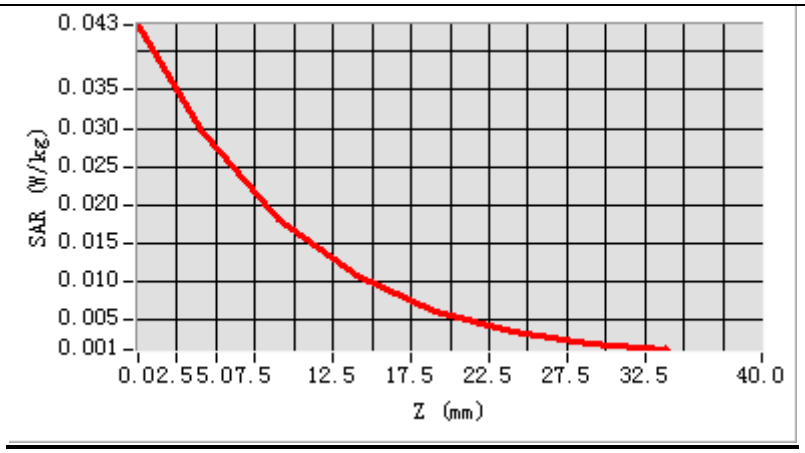
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

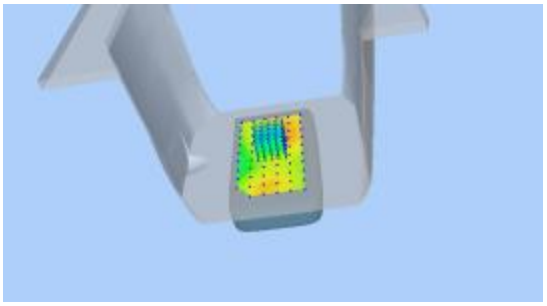
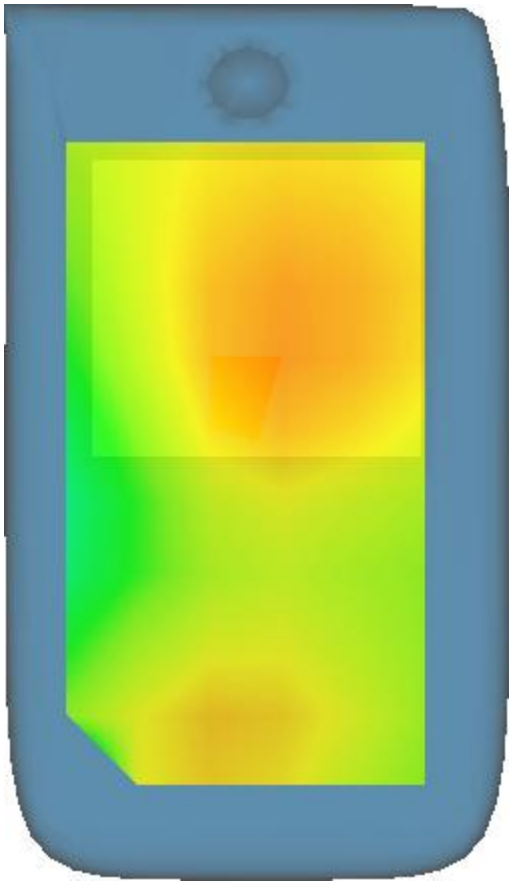
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 0.06 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.021194 |
| **SAR 1g (W/Kg)** | 0.036302 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 18

## Towards_ground_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 10 minutes 11 seconds

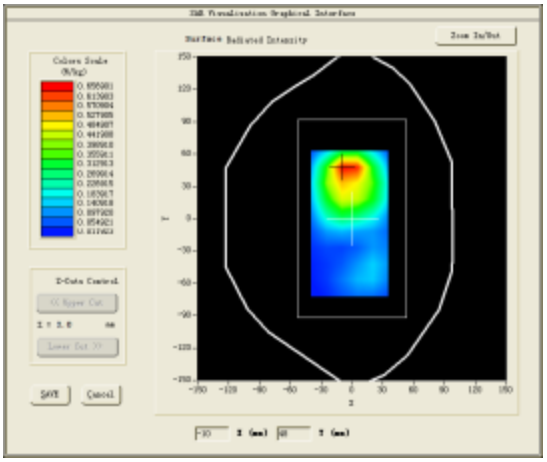
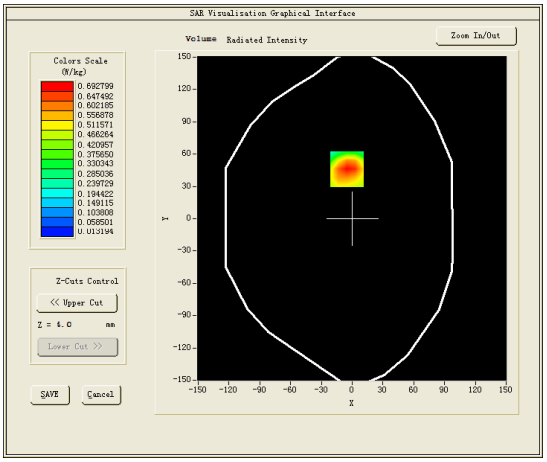
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | 0.260000 |
| **ConvF** | 6.25 |

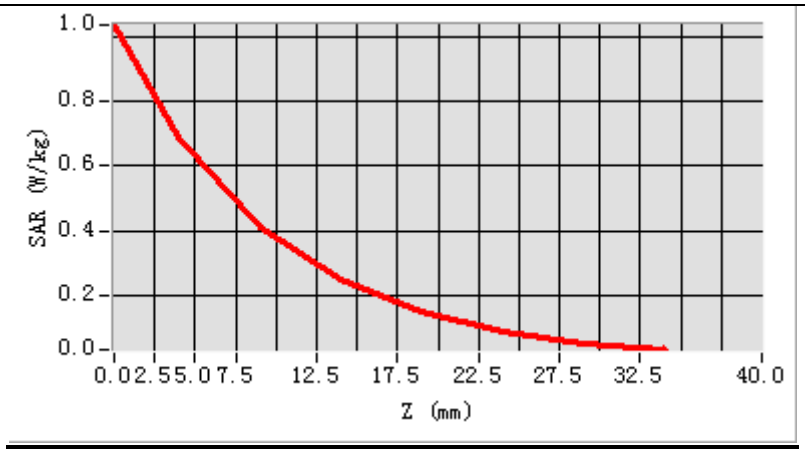
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

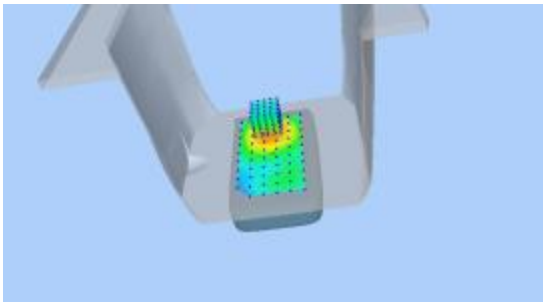
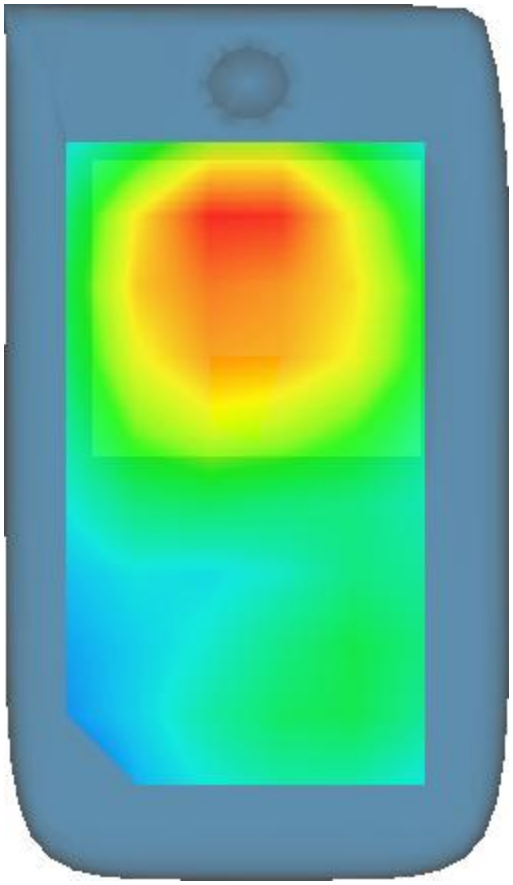
**Maximum location: X=-5.00, Y=46.00**

**SAR Peak: 1.14 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.401219 |
| **SAR 1g (W/Kg)** | 0.718723 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 19

## Towards_ground_with_headset_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 10 minutes 11 seconds

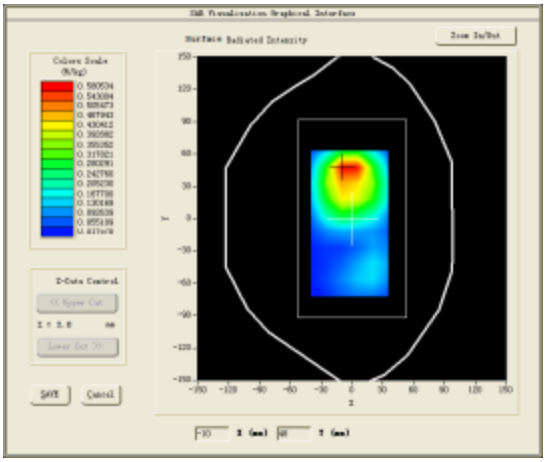
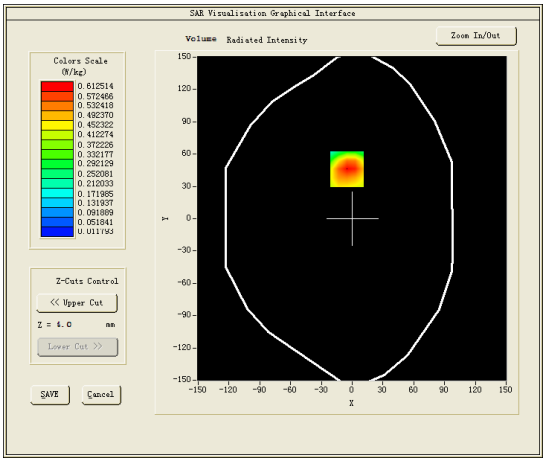
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band2_WCDMA1900 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 9400):

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | 0.220000 |
| **ConvF** | 6.25 |

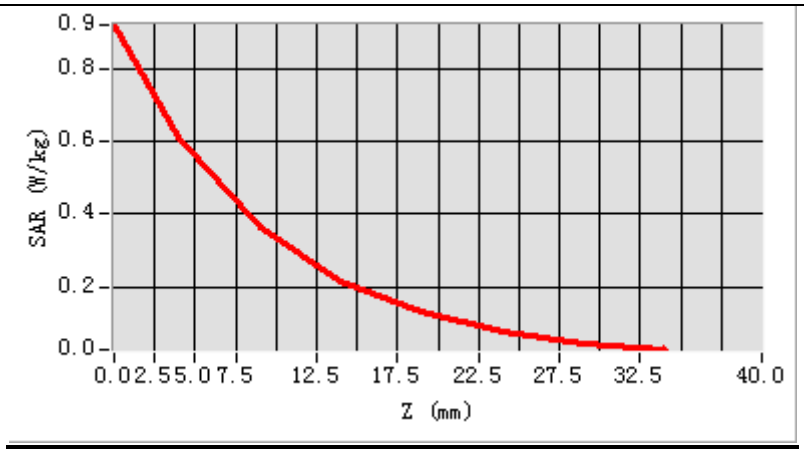
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

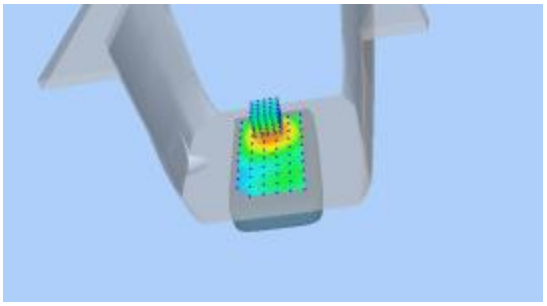
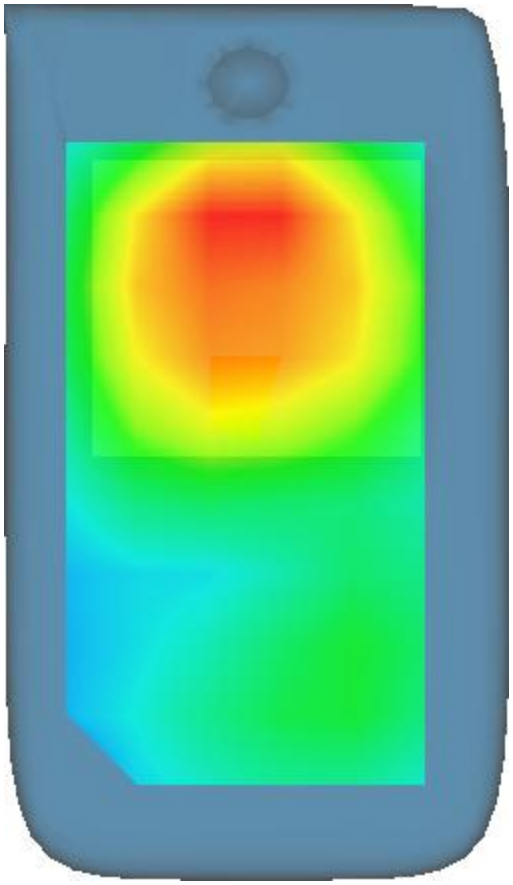
**Maximum location: X=-5.00, Y=46.00**

**SAR Peak: 1.01 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.360305 |
| **SAR 1g (W/Kg)** | 0.641780 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 20

## Right_cheek_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 10 minutes 22 seconds

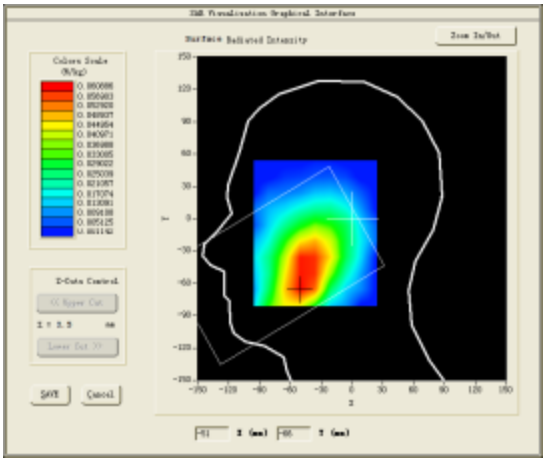
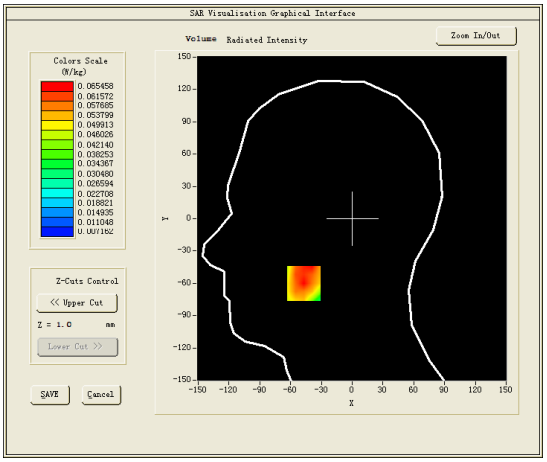
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Cheek |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 39.782520 |
| **Relative permittivity (imaginary part)** | 19.383280 |
| **Conductivity (S/m)** | 0.900676 |
| **Variation (%)** | -1.400000 |
| **ConvF** | 5.94 |

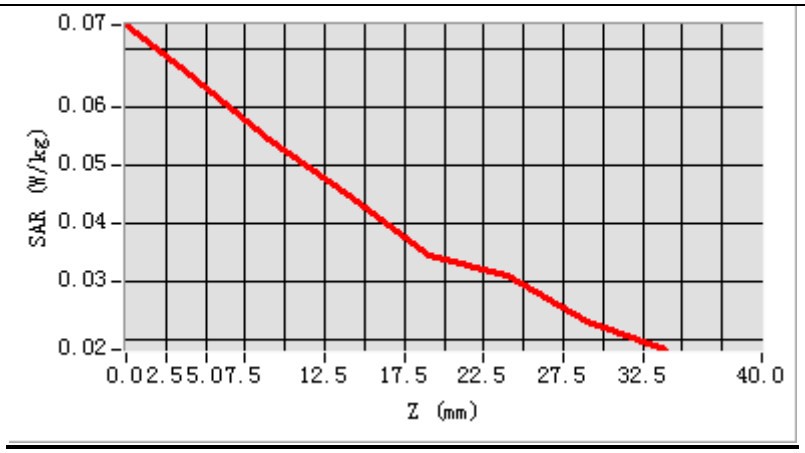
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

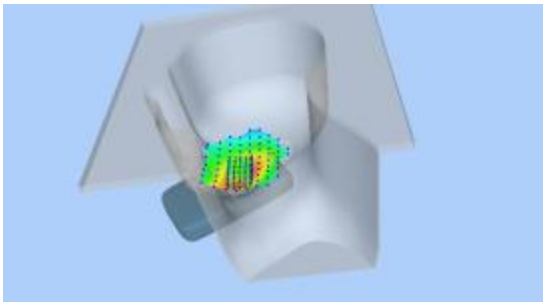
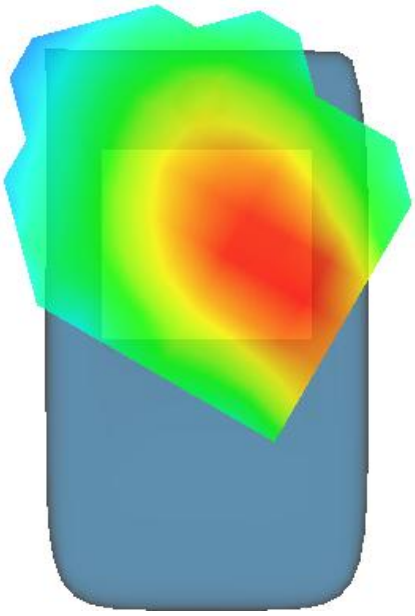
**Maximum location: X=-47.00, Y=-60.00**

**SAR Peak: 0.08 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.048288 |
| **SAR 1g (W/Kg)** | 0.062713 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 21

## Right_tilt_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 10 minutes 4 seconds

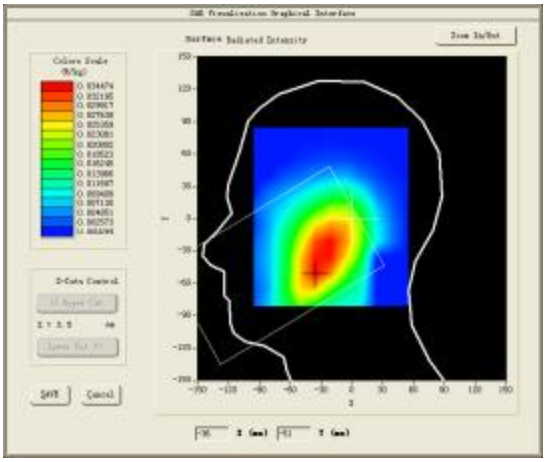
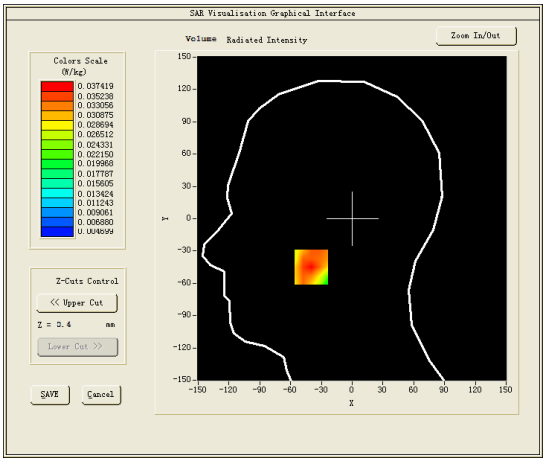
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Tilt |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 39.782520 |
| **Relative permittivity (imaginary part)** | 19.383280 |
| **Conductivity (S/m)** | 0.900676 |
| **Variation (%)** | -0.120000 |
| **ConvF** | 5.94 |

| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

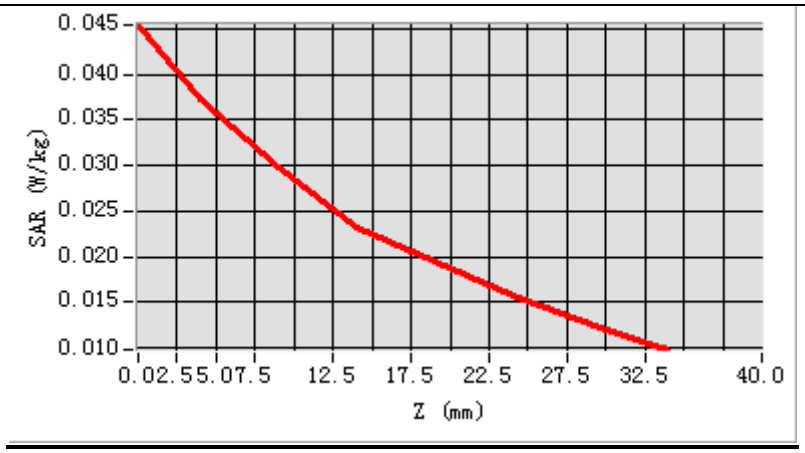


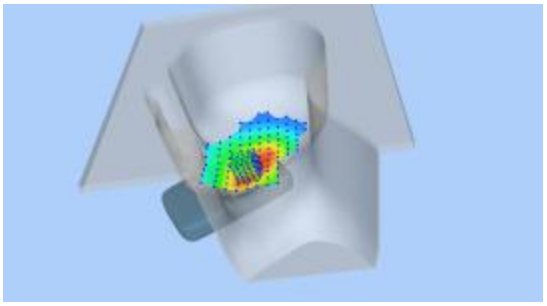
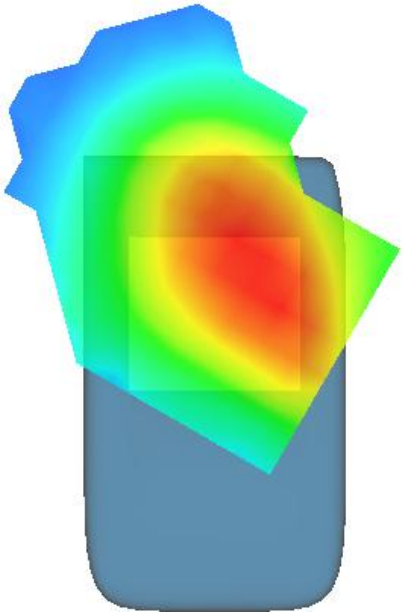
**Maximum location: X=-33.00, Y=-45.00**

**SAR Peak: 0.05 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.026847 |
| **SAR 1g (W/Kg)** | 0.036127 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 22

## Left_cheek_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 44 seconds

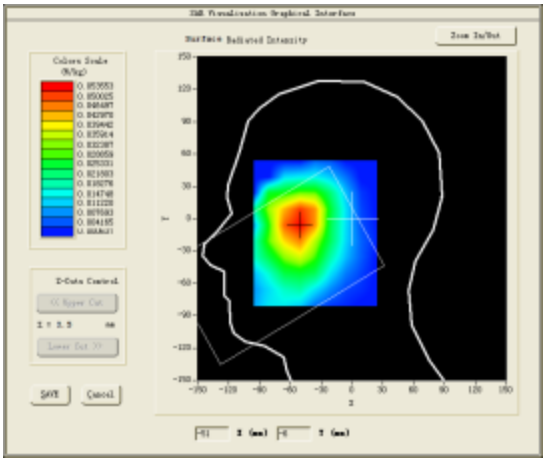
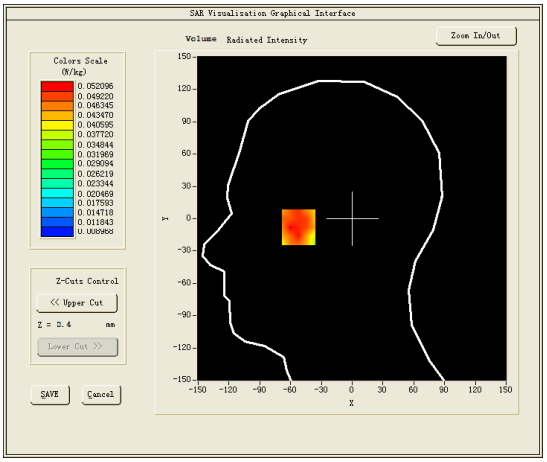
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Cheek |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 39.782520 |
| **Relative permittivity (imaginary part)** | 19.383280 |
| **Conductivity (S/m)** | 0.900676 |
| **Variation (%)** | 4.260000 |
| **ConvF** | 5.94 |

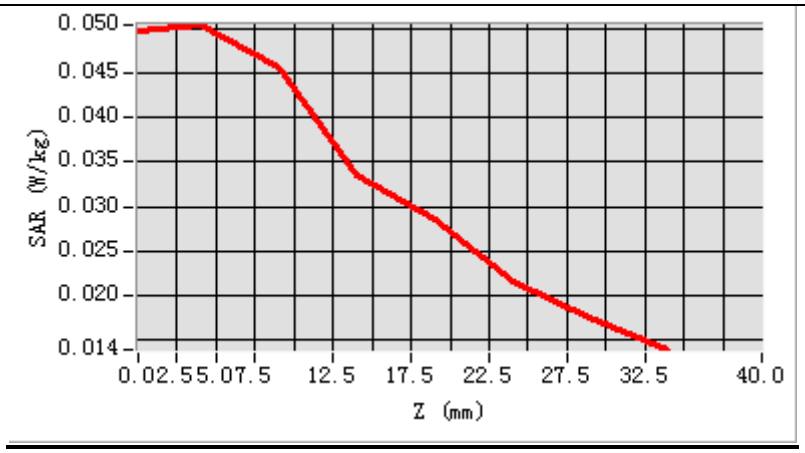
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

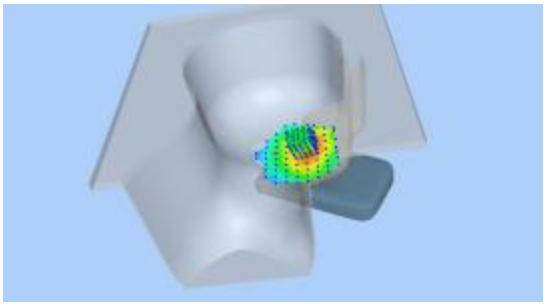
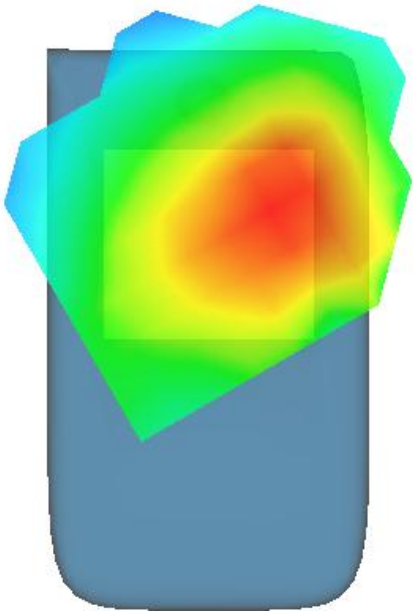
**Maximum location: X=-52.00, Y=-5.00**

**SAR Peak: 0.07 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.038890 |
| **SAR 1g (W/Kg)** | 0.051315 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 23

## Left_tilt_middle

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 51 seconds

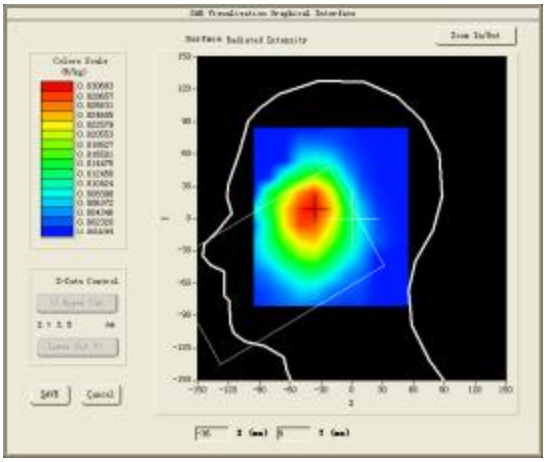
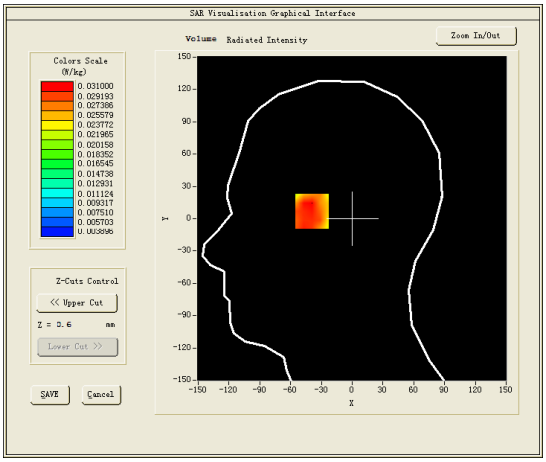
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Tilt |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 39.782520 |
| **Relative permittivity (imaginary part)** | 19.383280 |
| **Conductivity (S/m)** | 0.900676 |
| **Variation (%)** | -0.110000 |
| **ConvF** | 5.94 |

| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

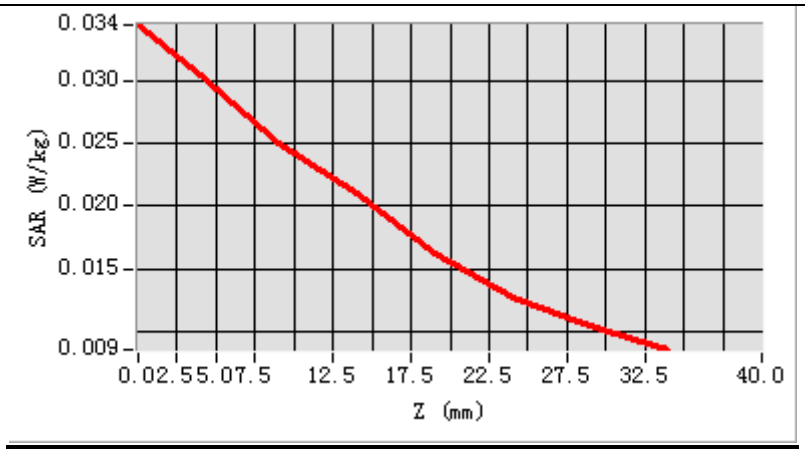


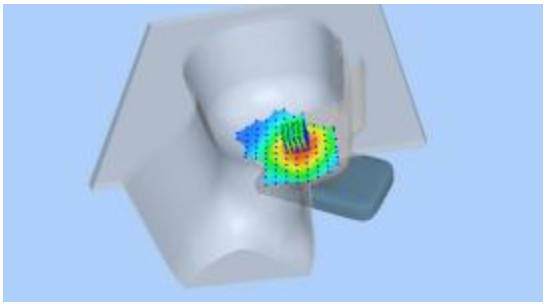
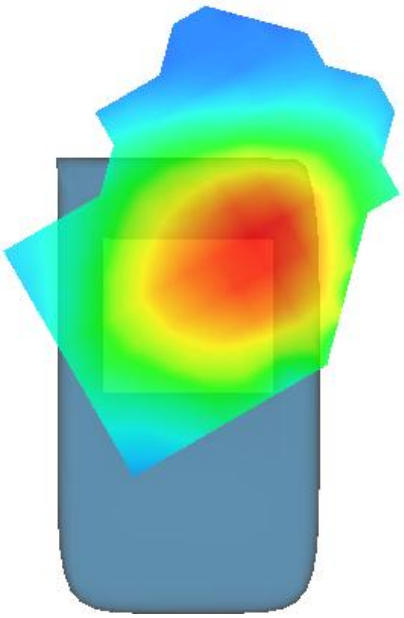
**Maximum location: X=-39.00, Y=11.00**

**SAR Peak: 0.04 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.022936 |
| **SAR 1g (W/Kg)** | 0.031018 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 24

## Towards_ground_low_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 30 seconds

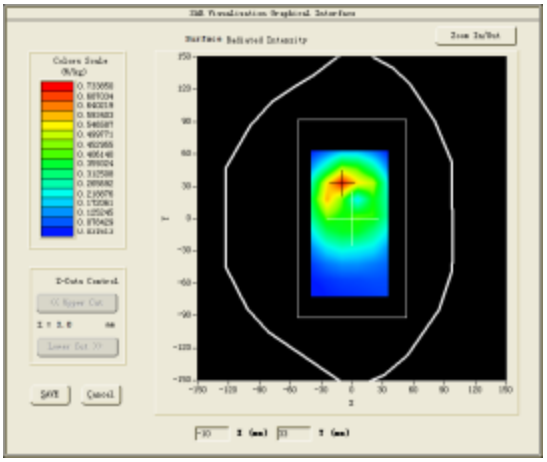
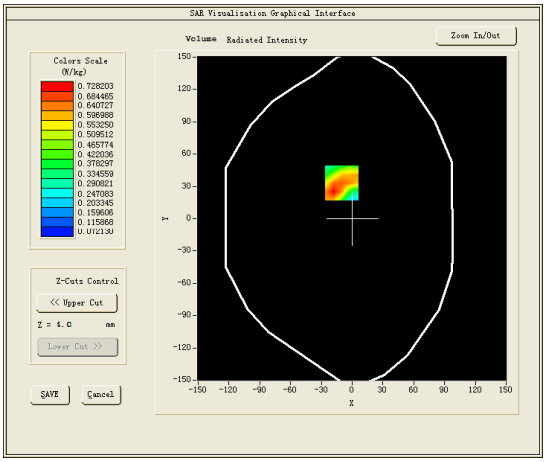
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band5_WCDMA850 |
| **Channels** | Low |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Lower Band SAR (Channel 4132):

| | |
|---|---|
| **Frequency (MHz)** | 826.400024 |
| **Relative permittivity (real part)** | 53.586402 |
| **Relative permittivity (imaginary part)** | 20.607234 |
| **Conductivity (S/m)** | 0.947063 |
| **Variation (%)** | -4.170000 |
| **ConvF** | 6.17 |

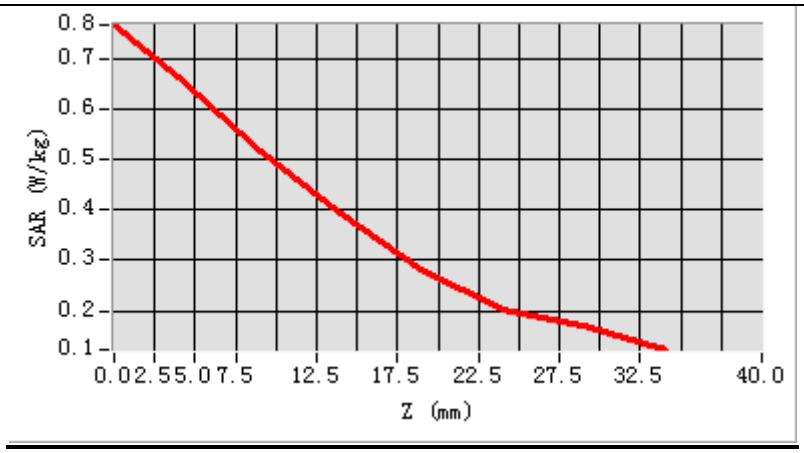
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

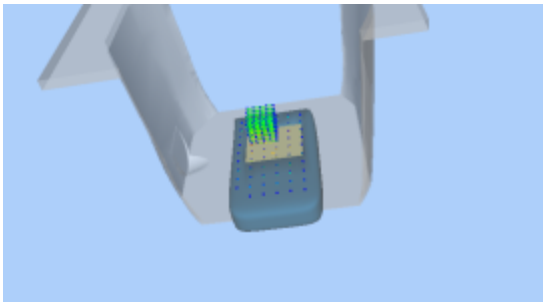
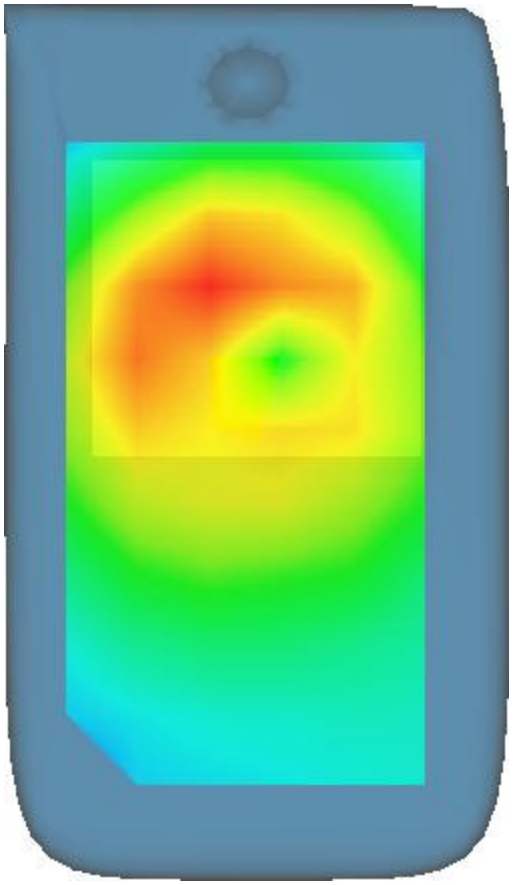
**Maximum location: X=-10.00, Y=33.00**

**SAR Peak: 1.13 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.486267 |
| **SAR 1g (W/Kg)** | 0.744270 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 25

## Bottom_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 21 seconds

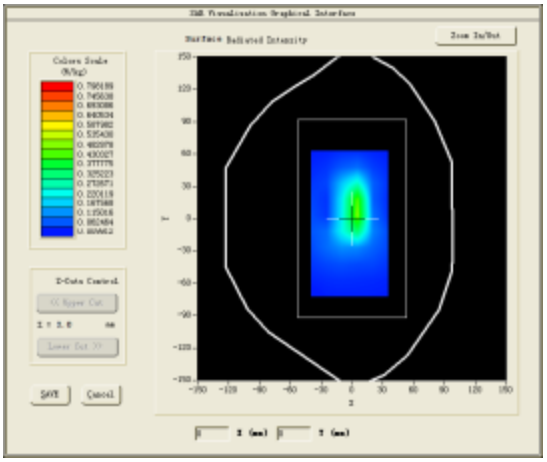
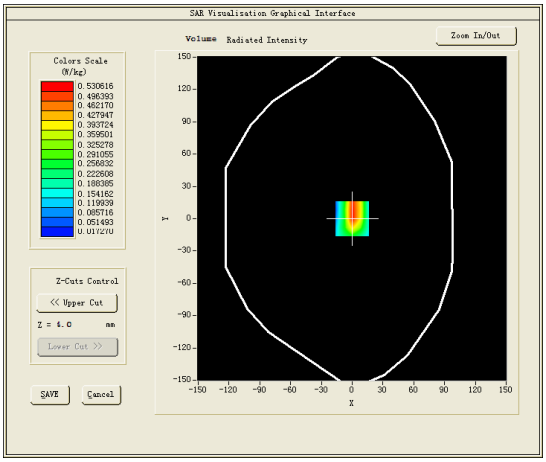
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 53.393200 |
| **Relative permittivity (imaginary part)** | 20.746969 |
| **Conductivity (S/m)** | 0.964043 |
| **Variation (%)** | -3.240000 |
| **ConvF** | 6.17 |

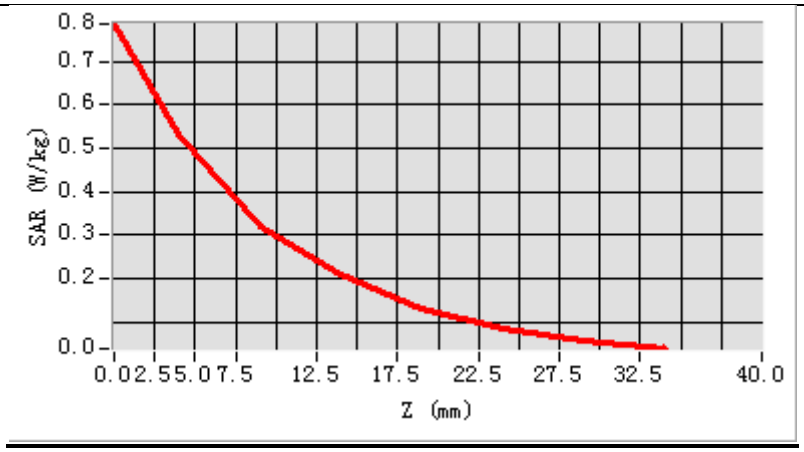
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

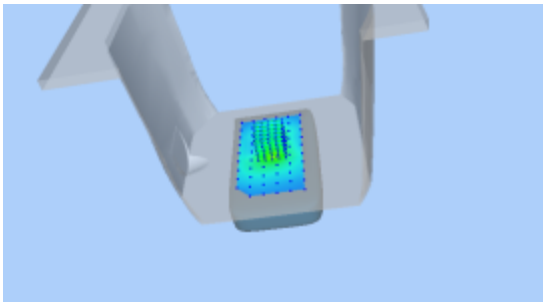
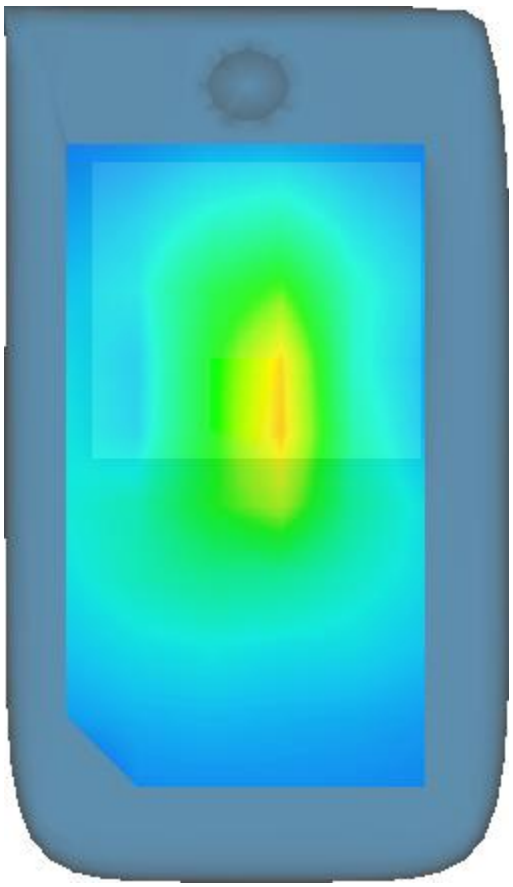
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 0.85 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.290705 |
| **SAR 1g (W/Kg)** | 0.524729 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 26

## Left_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 26 seconds

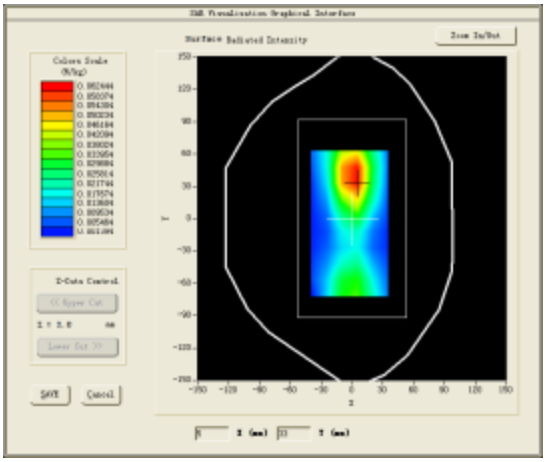
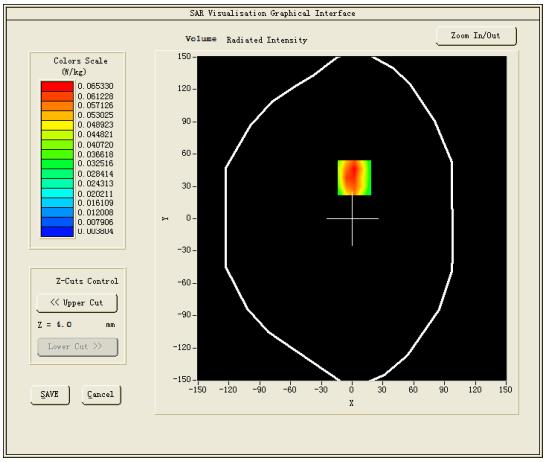
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 53.393200 |
| **Relative permittivity (imaginary part)** | 20.746969 |
| **Conductivity (S/m)** | 0.964043 |
| **Variation (%)** | 2.680000 |
| **ConvF** | 6.17 |

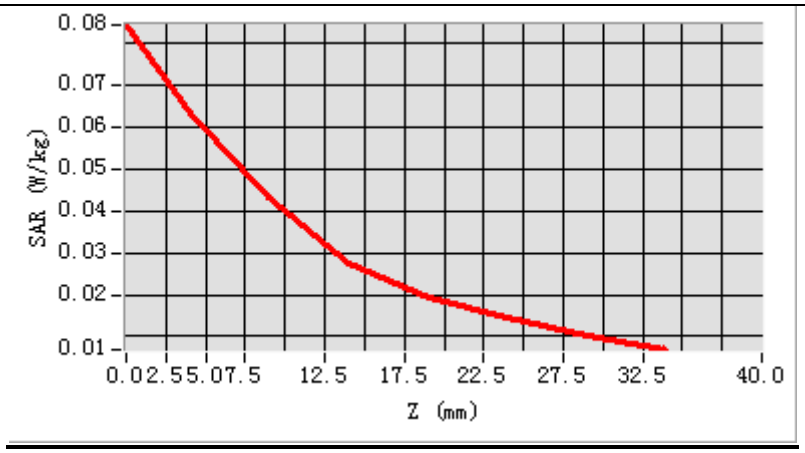
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

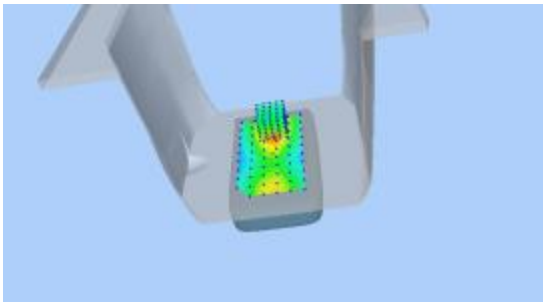
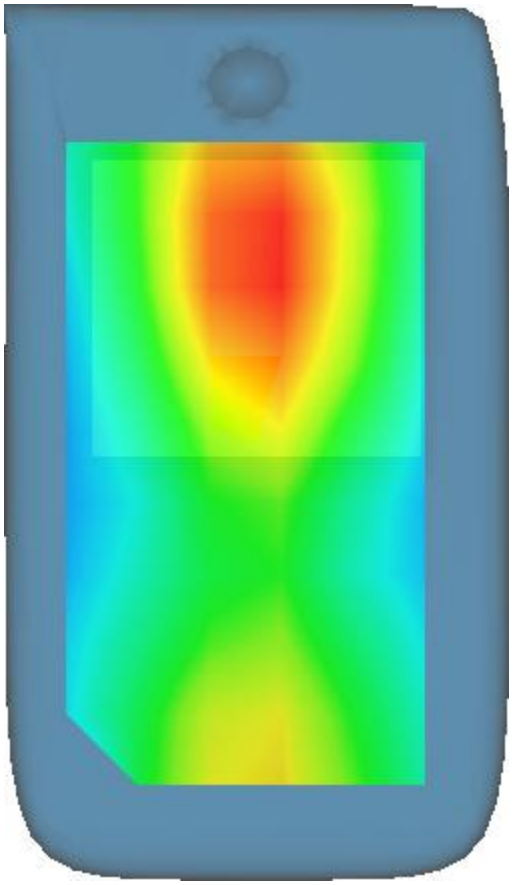
**Maximum location: X=2.00, Y=38.00**

**SAR Peak: 0.10 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.041554 |
| **SAR 1g (W/Kg)** | 0.067069 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 27

## Right_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 26 seconds

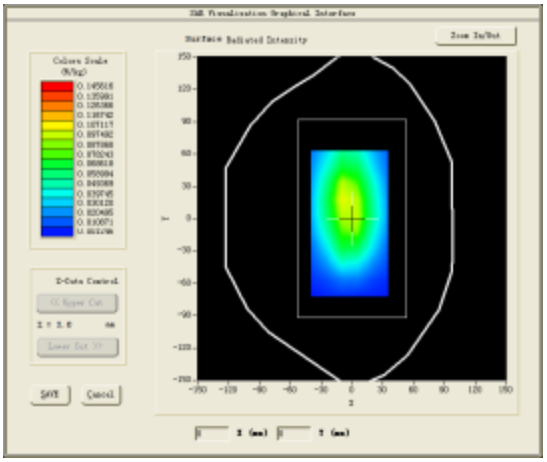
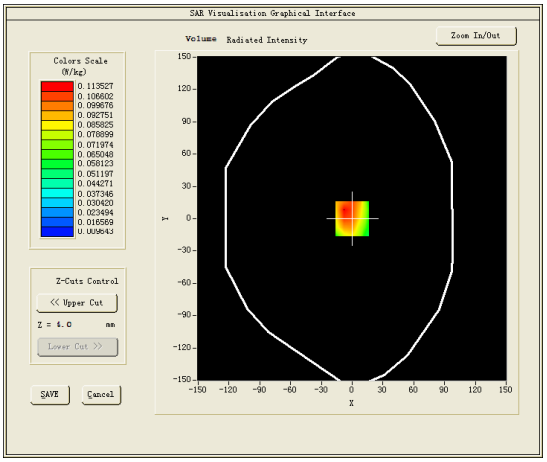
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 53.393200 |
| **Relative permittivity (imaginary part)** | 20.746969 |
| **Conductivity (S/m)** | 0.964043 |
| **Variation (%)** | -1.070000 |
| **ConvF** | 6.17 |

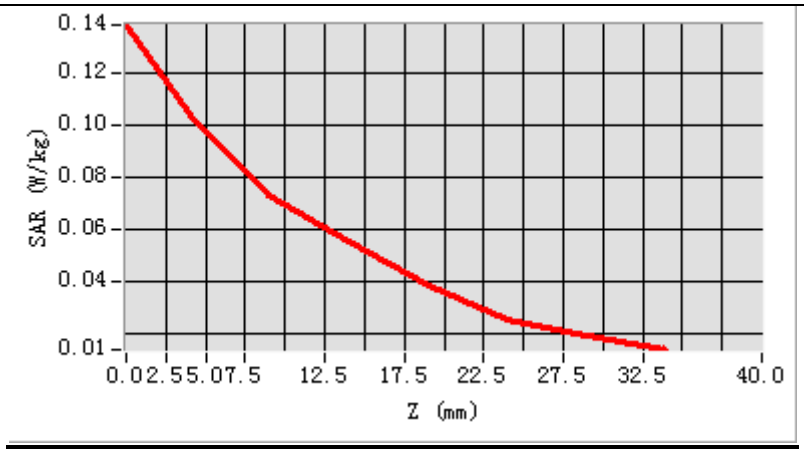
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

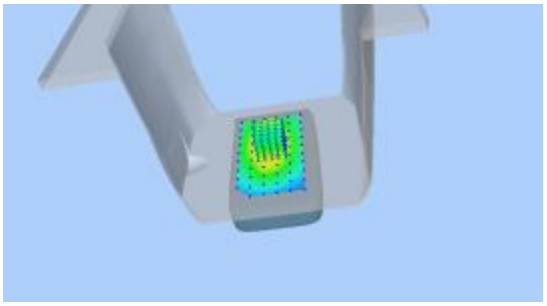
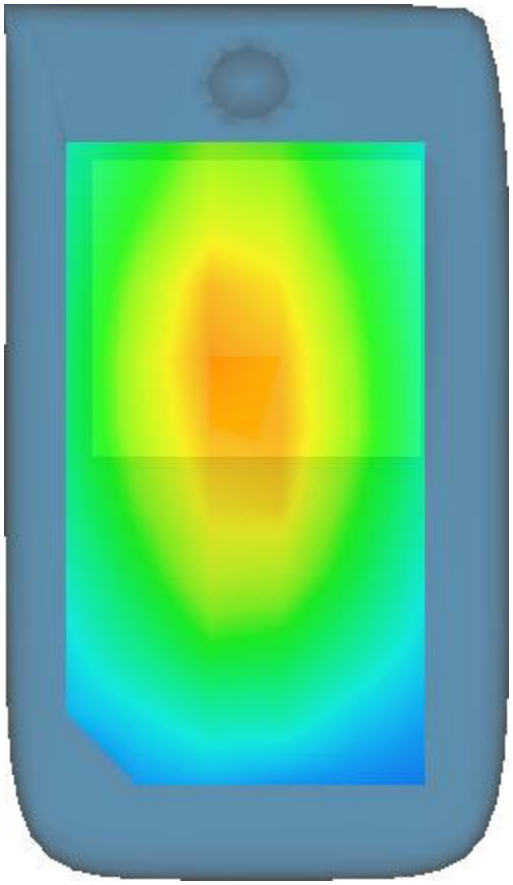
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 0.17 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.074936 |
| **SAR 1g (W/Kg)** | 0.115892 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 28

## Towards_ground_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 42 seconds

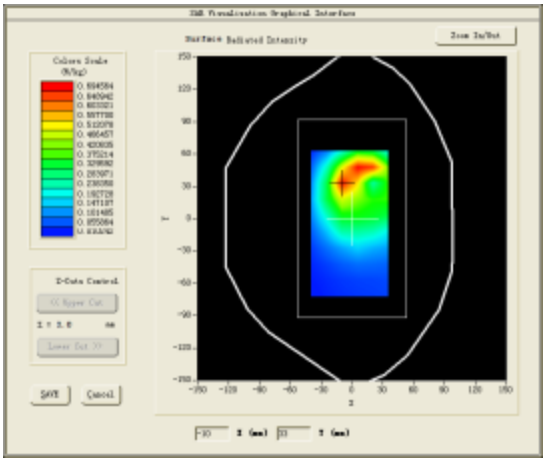
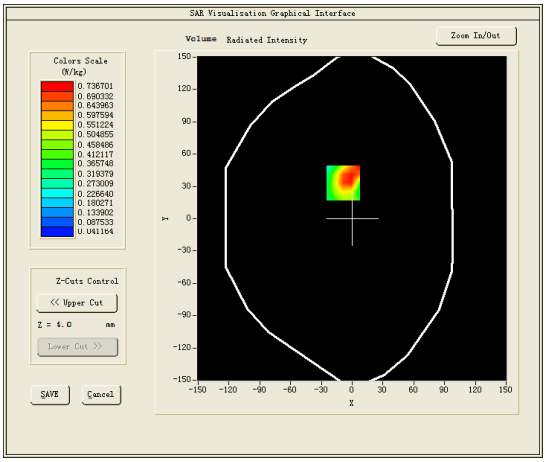
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 53.393200 |
| **Relative permittivity (imaginary part)** | 20.746969 |
| **Conductivity (S/m)** | 0.964043 |
| **Variation (%)** | -2.540000 |
| **ConvF** | 6.17 |

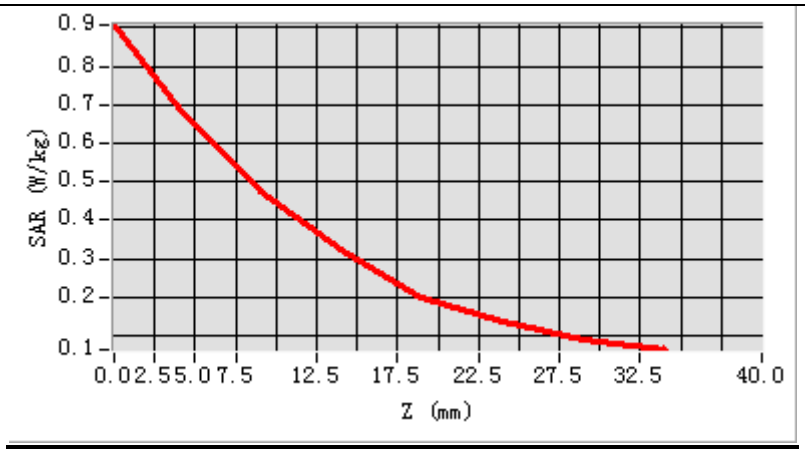
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

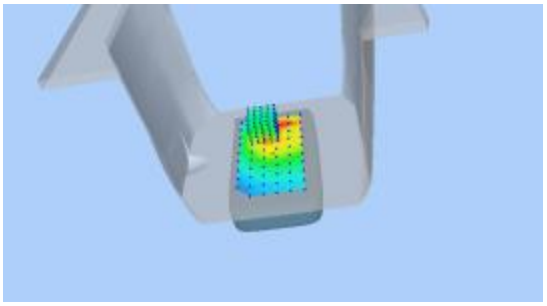
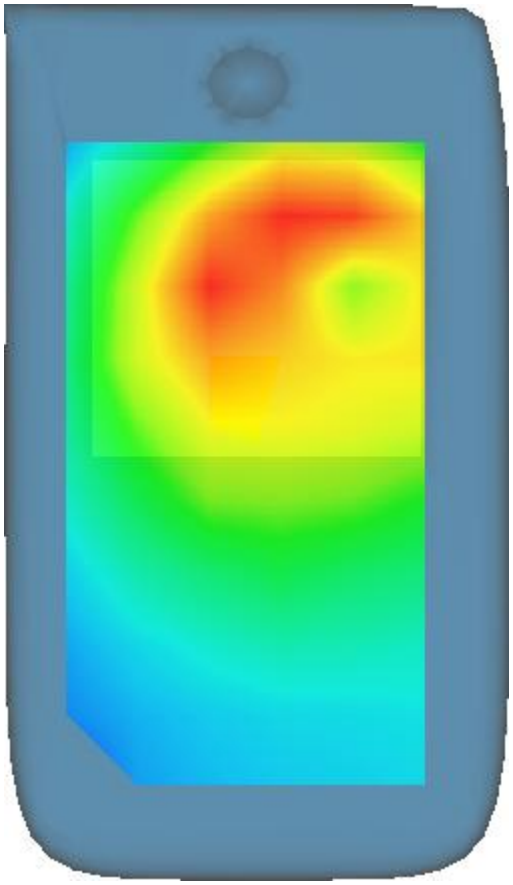
**Maximum location: X=-9.00, Y=33.00**

**SAR Peak: 1.21 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.454600 |
| **SAR 1g (W/Kg)** | 0.763049 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 29

## Towards_ground_with_headset_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 11 minutes 21 seconds

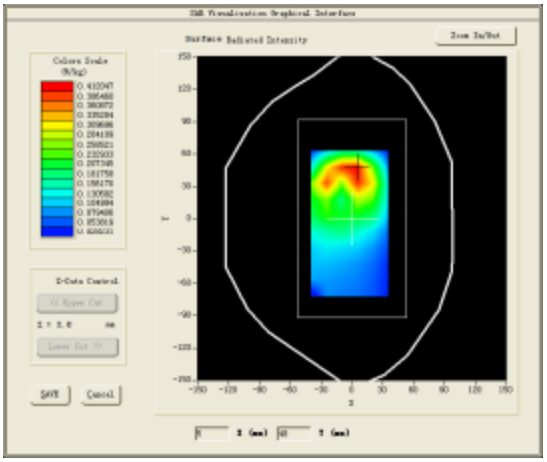
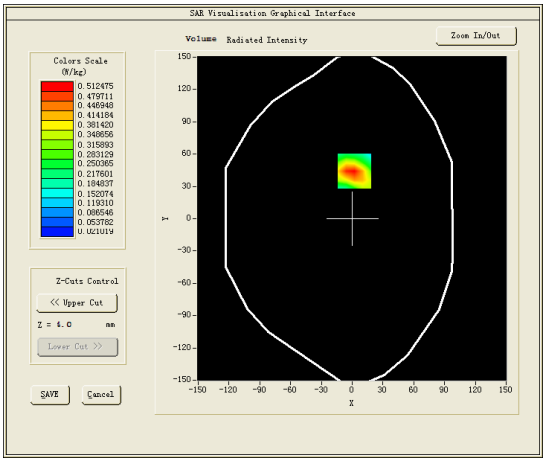
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band5_WCDMA850 |
| **Channels** | Middle |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| | |
|---|---|
| **Frequency (MHz)** | 836.400024 |
| **Relative permittivity (real part)** | 53.393200 |
| **Relative permittivity (imaginary part)** | 20.746969 |
| **Conductivity (S/m)** | 0.964043 |
| **Variation (%)** | 0.450000 |
| **ConvF** | 6.17 |

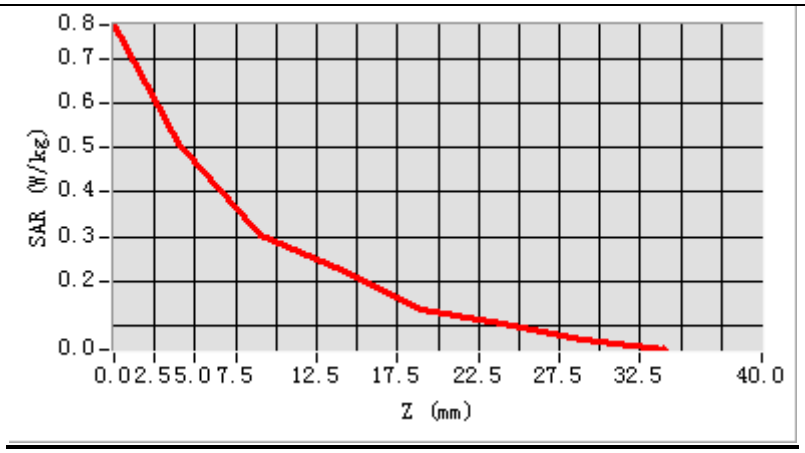
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

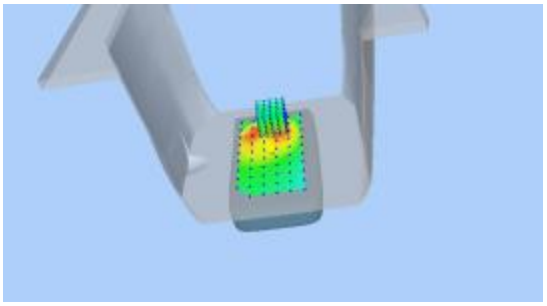
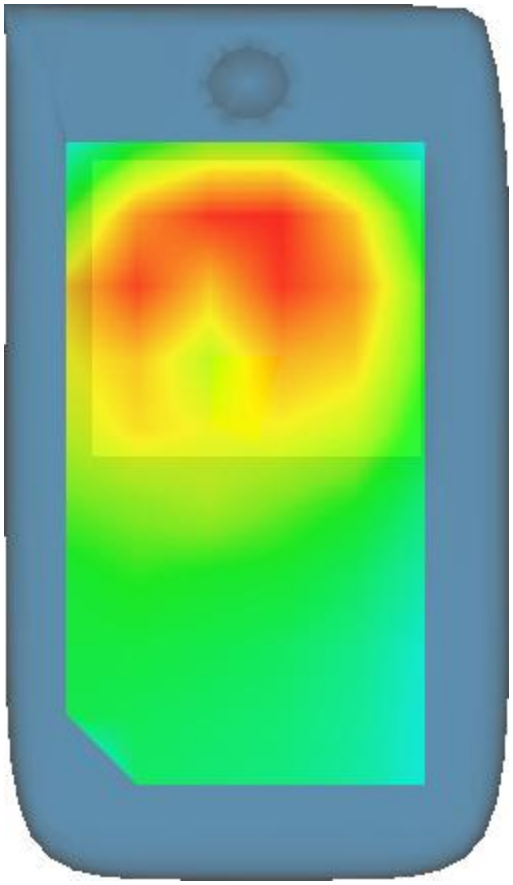
**Maximum location: X=2.00, Y=44.00**

**SAR Peak: 0.78 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.282057 |
| **SAR 1g (W/Kg)** | 0.491186 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 30

## Towards_ground_high_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

Measurement duration: 9 minutes 37 seconds

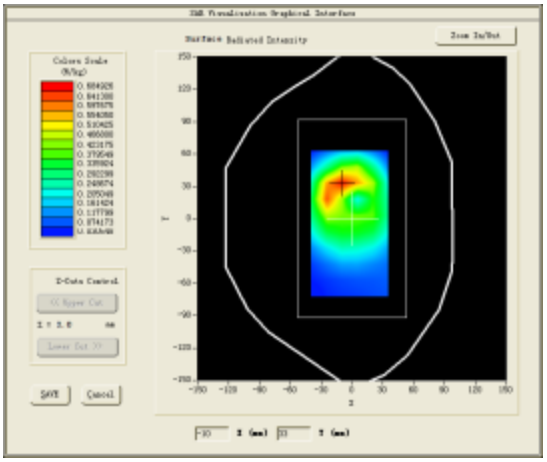
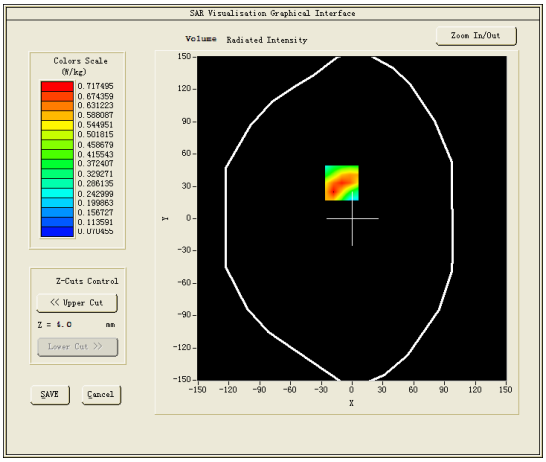
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | Band5_WCDMA850 |
| **Channels** | High |
| **Signal** | WCDMA (Crest factor: 1.0) |

## B. SAR Measurement Results

Higher Band SAR (Channel 4233):

| | |
|---|---|
| **Frequency (MHz)** | 846. 599976 |
| **Relative permittivity (real part)** | 53.248599 |
| **Relative permittivity (imaginary part)** | 20.897325 |
| **Conductivity (S/m)** | 0.982436 |
| **Variation (%)** | -3.880000 |
| **ConvF** | 6.17 |

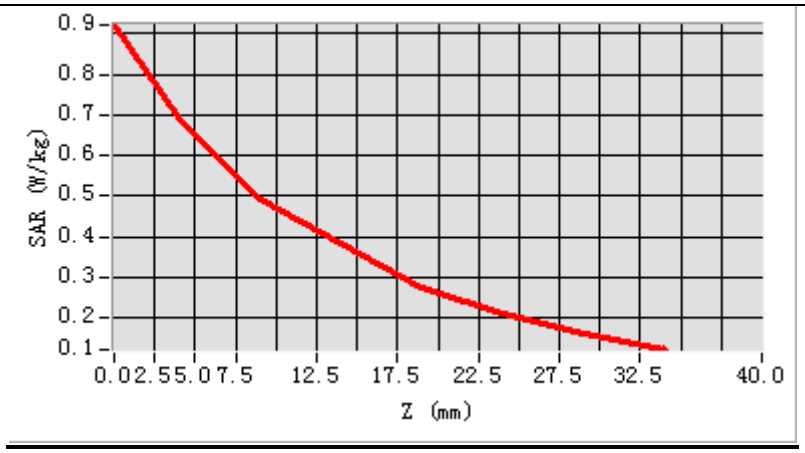
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

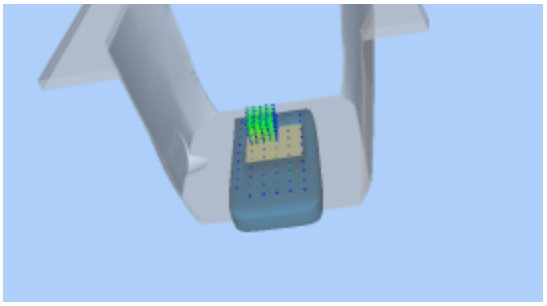
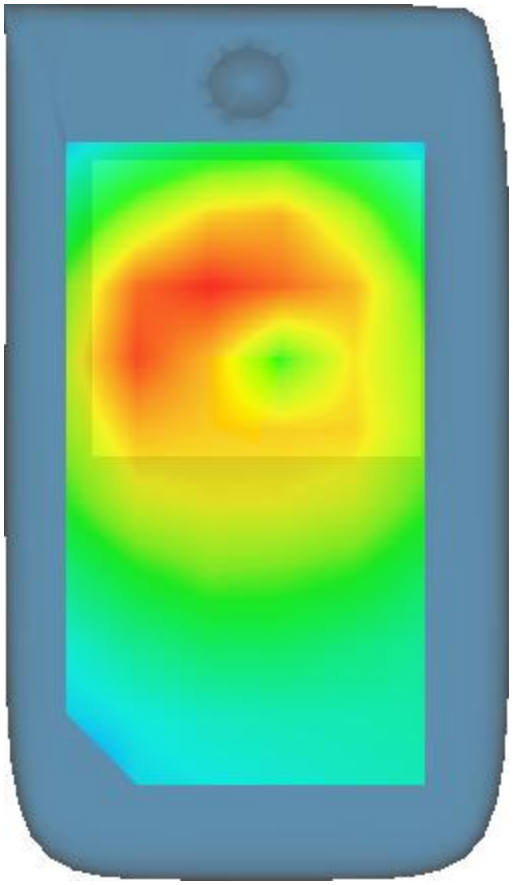
**Maximum location: X=-10.00, Y=33.00**

**SAR Peak: 1.07 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.478883 |
| **SAR 1g (W/Kg)** | 0.724415 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 31

## Right_cheek_high

Type: Phone measurement (Complete)

Date of measurement: 24/2/2014

Measurement duration: 12 minutes 39 seconds

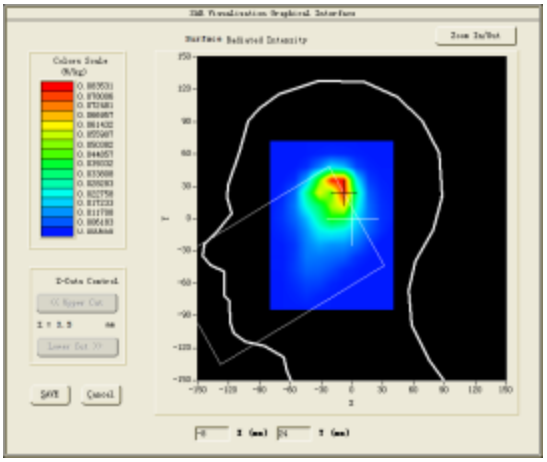
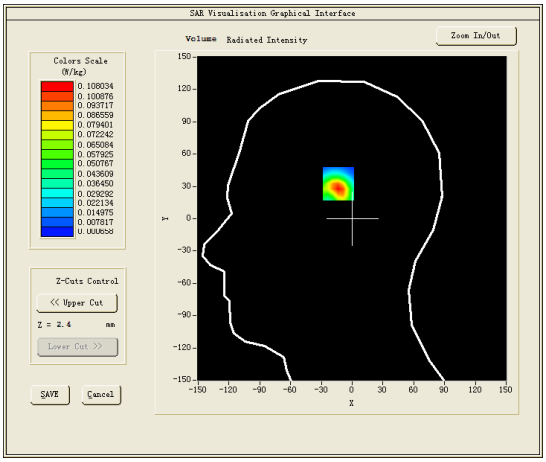
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=12mm dy=12mm |
| **ZoomScan** | 7x7x7,dx=5mm dy=5mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Cheek |
| **Band** | IEEE 802.11b ISM |
| **Channels** | High |
| **Signal** | IEEE802.b (Crest factor: 1.0) |

## B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|---|---|
| **Frequency (MHz)** | 2462.000000 |
| **Relative permittivity (real part)** | 38.845813 |
| **Relative permittivity (imaginary part)** | 13.477300 |
| **Conductivity (S/m)** | 1.844973 |
| **Variation (%)** | 0.740000 |
| **ConvF** | 5.32 |

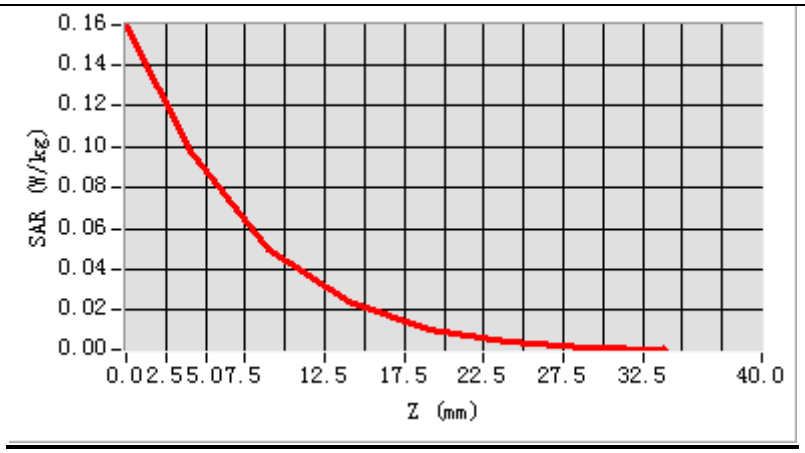
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

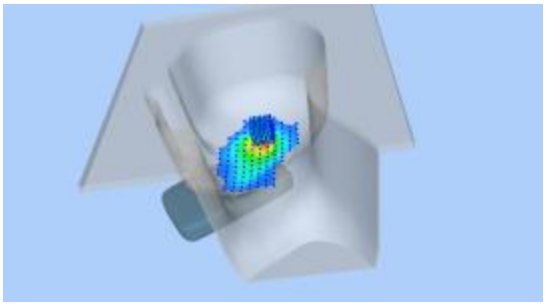
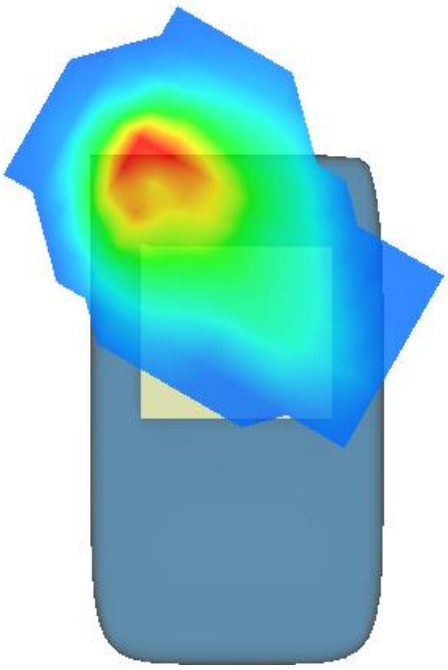
**Maximum location: X=-13.00, Y=36.00**

**SAR Peak: 0.20 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.046344 |
| **SAR 1g (W/Kg)** | 0.107934 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 32

## Right_tilt_high

Type: Phone measurement (Complete)

Date of measurement: 24/2/2014

Measurement duration: 12 minutes 47 seconds

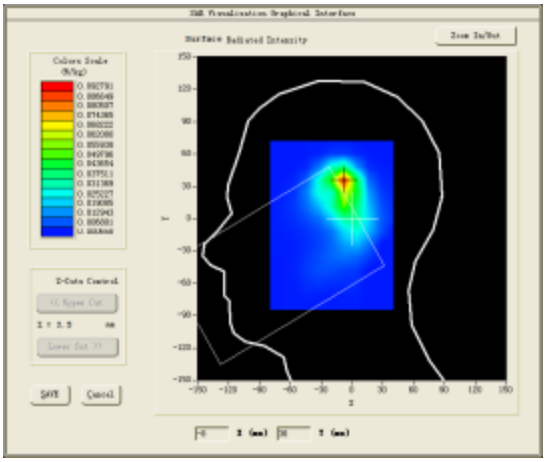
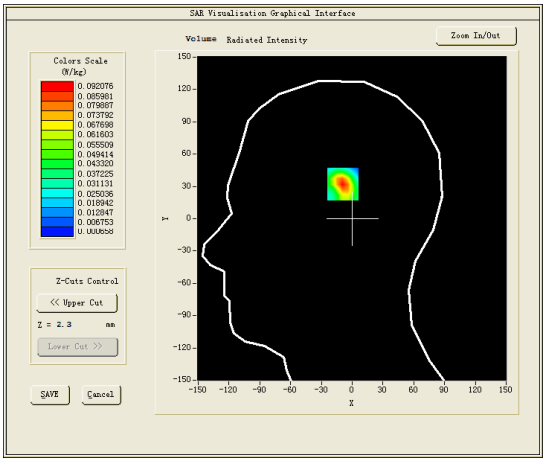
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=12mm dy=12mm |
| **ZoomScan** | 7x7x7,dx=5mm dy=5mm dz=5mm,Complete |
| **Phantom** | Right head |
| **Device Position** | Tilt |
| **Band** | IEEE 802.11b ISM |
| **Channels** | High |
| **Signal** | IEEE802.b (Crest factor: 1.0) |

## B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|---|---|
| **Frequency (MHz)** | 2462.000000 |
| **Relative permittivity (real part)** | 38.845813 |
| **Relative permittivity (imaginary part)** | 13.477300 |
| **Conductivity (S/m)** | 1.844973 |
| **Variation (%)** | 0.310000 |
| **ConvF** | 5.32 |

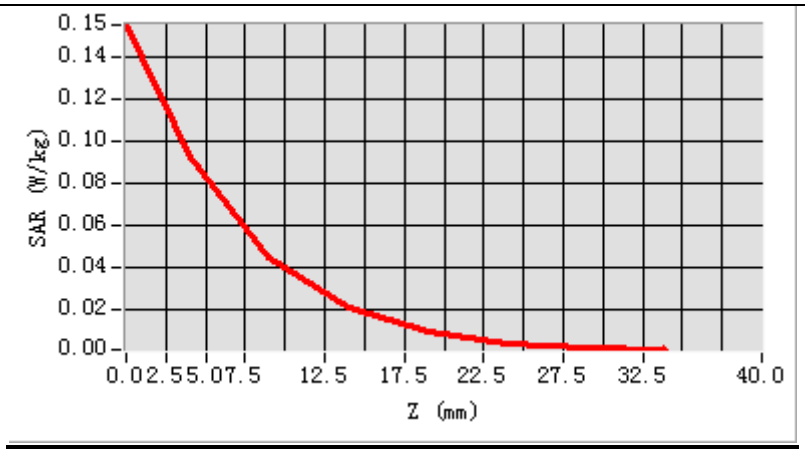
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

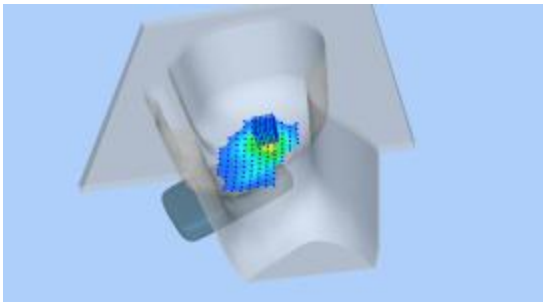
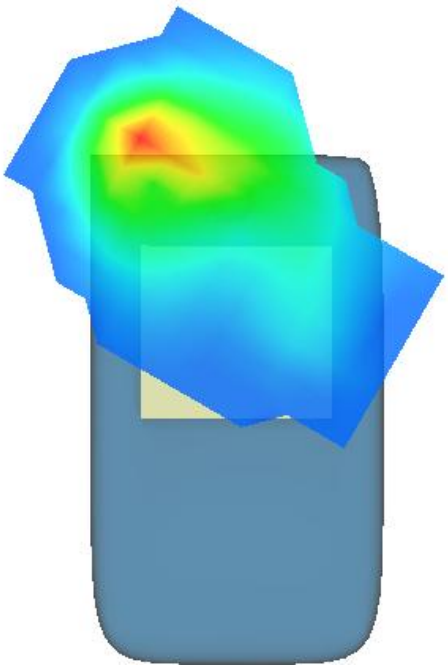
**Maximum location: X=-8.00, Y=35.00**

**SAR Peak: 0.17 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.040363 |
| **SAR 1g (W/Kg)** | 0.091214 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 33

## Left_cheek_high

Type: Phone measurement (Complete)

Date of measurement: 24/2/2014

Measurement duration: 13 minutes 50 seconds

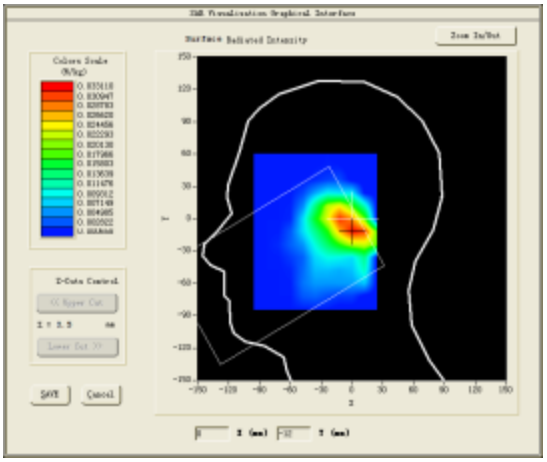
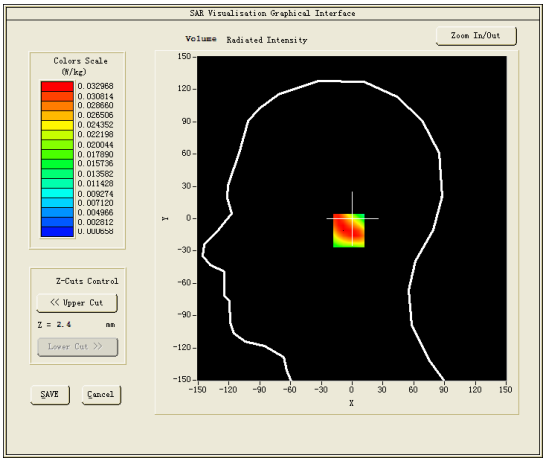
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=12mm dy=12mm |
| **ZoomScan** | 7x7x7,dx=5mm dy=5mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Cheek |
| **Band** | IEEE 802.11b ISM |
| **Channels** | High |
| **Signal** | IEEE802.b (Crest factor: 1.0) |

## B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|---|---|
| **Frequency (MHz)** | 2462.000000 |
| **Relative permittivity (real part)** | 38.845813 |
| **Relative permittivity (imaginary part)** | 13.477300 |
| **Conductivity (S/m)** | 1.844973 |
| **Variation (%)** | -0.230000 |
| **ConvF** | 5.32 |

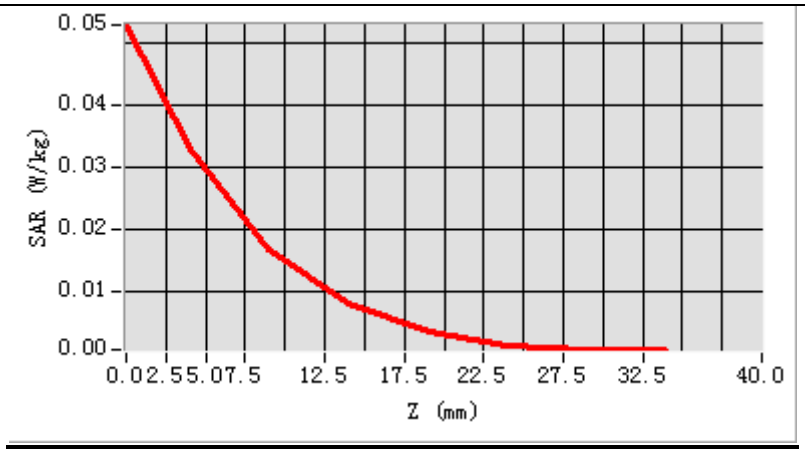
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

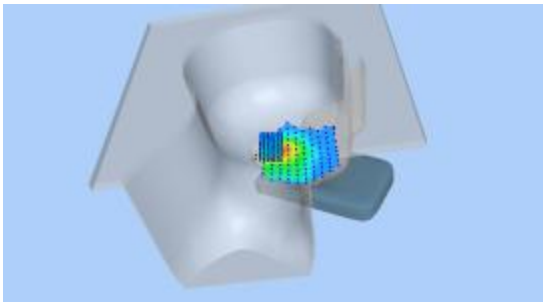
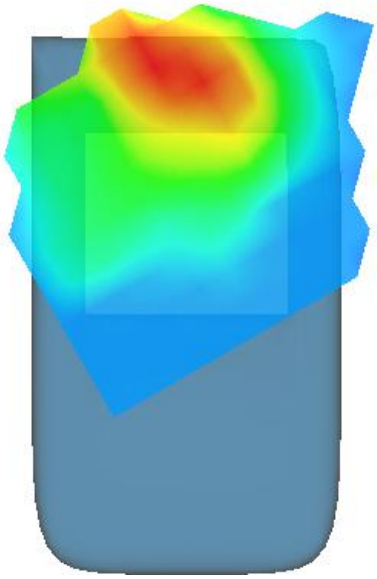
**Maximum location: X=2.00, Y=-11.00**

**SAR Peak: 0.06 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.018112 |
| **SAR 1g (W/Kg)** | 0.034919 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 34

## Left_tilt_high

Type: Phone measurement (Complete)

Date of measurement: 24/2/2014

Measurement duration: 13 minutes 37 seconds

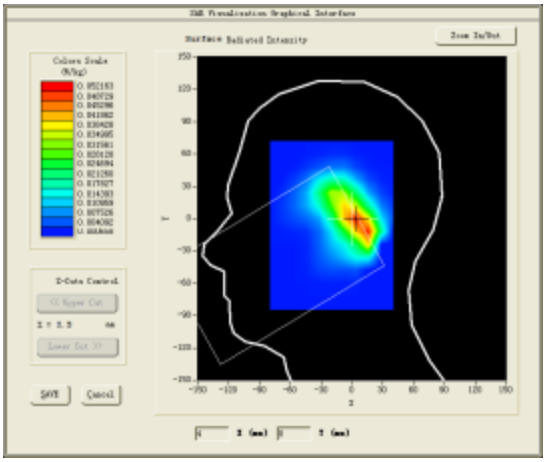
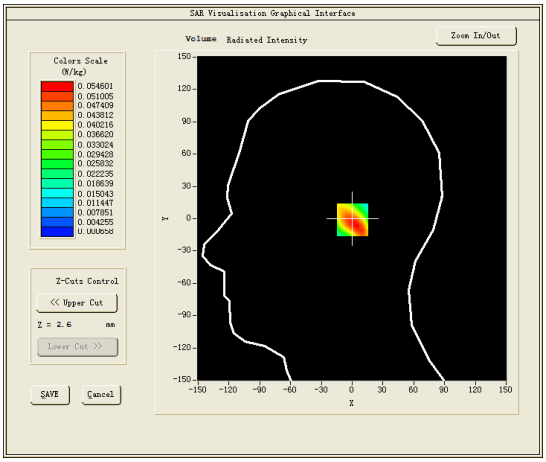
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=12mm dy=12mm |
| **ZoomScan** | 7x7x7,dx=5mm dy=5mm dz=5mm,Complete |
| **Phantom** | Left head |
| **Device Position** | Tilt |
| **Band** | IEEE 802.11b ISM |
| **Channels** | High |
| **Signal** | IEEE802.b (Crest factor: 1.0) |

## B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|---|---|
| **Frequency (MHz)** | 2462.000000 |
| **Relative permittivity (real part)** | 38.845813 |
| **Relative permittivity (imaginary part)** | 13.477300 |
| **Conductivity (S/m)** | 1.844973 |
| **Variation (%)** | 0.100000 |
| **ConvF** | 5.32 |

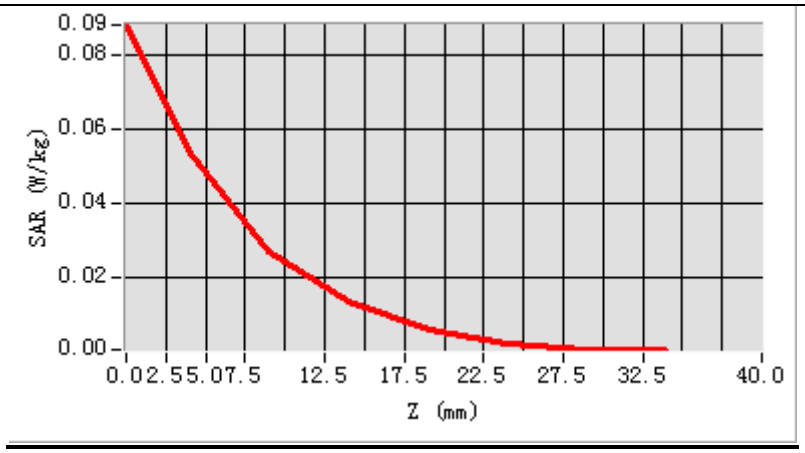
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

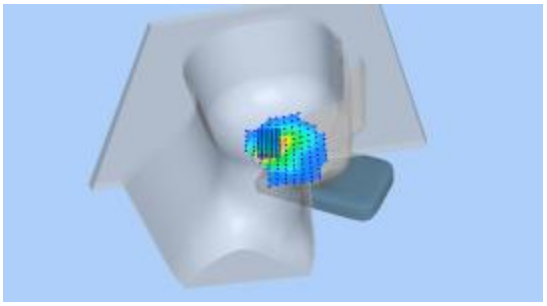
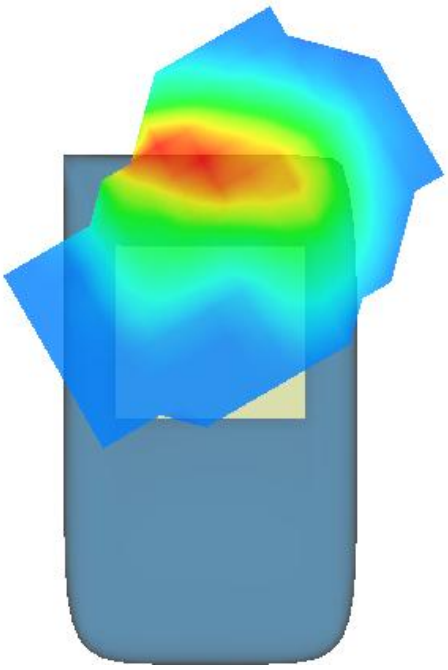
**Maximum location: X=5.00, Y=-1.00**

**SAR Peak: 0.10 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.028841 |
| **SAR 1g (W/Kg)** | 0.057219 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 35

## Left_edge_high_0mm

Type: Phone measurement (Complete)

Date of measurement: 24/2/2014

Measurement duration: 18 minutes 22 seconds

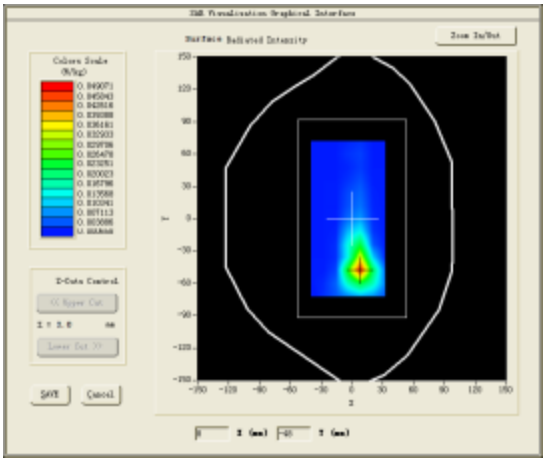
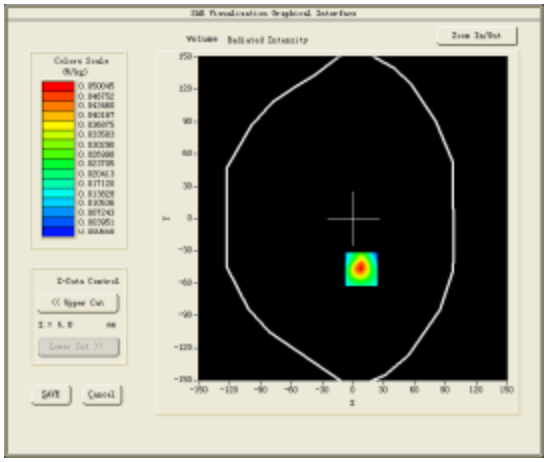
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=12mm dy=12mm |
| **ZoomScan** | 7x7x7,dx=5mm dy=5mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | IEEE 802.11b ISM |
| **Channels** | High |
| **Signal** | IEEE802.b (Crest factor: 1.0) |

## B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|---|---|
| **Frequency (MHz)** | 2462.000000 |
| **Relative permittivity (real part)** | 52.801905 |
| **Relative permittivity (imaginary part)** | 14.628100 |
| **Conductivity (S/m)** | 2.002512 |
| **Variation (%)** | -3.670000 |
| **ConvF** | 5.50 |

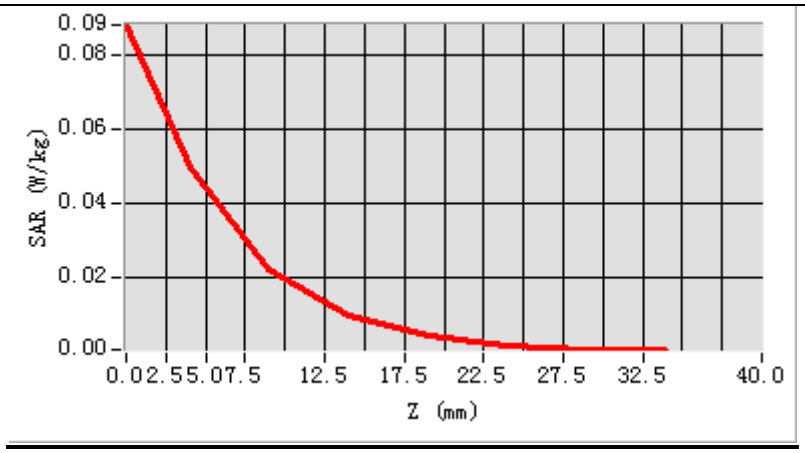
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

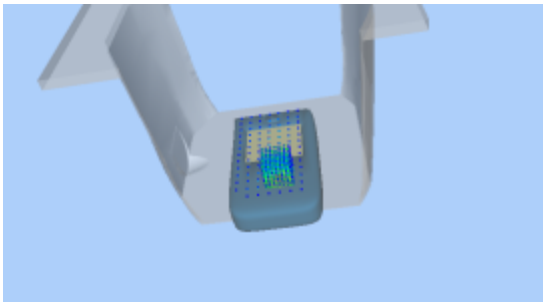
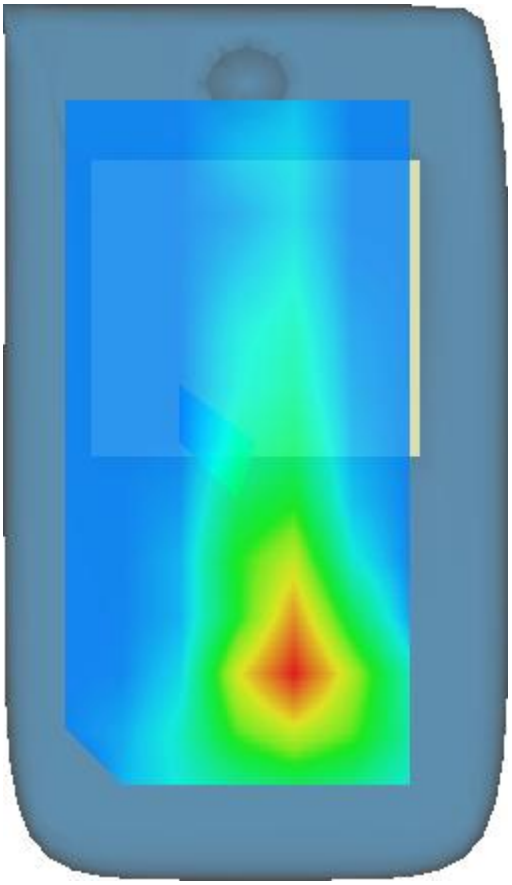
**Maximum location: X=8.00, Y=-47.00**

**SAR Peak: 0.10 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.021215 |
| **SAR 1g (W/Kg)** | 0.050639 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 36

## Top_edge_high_0mm

Type: Phone measurement (Complete)

Date of measurement: 24/2/2014

Measurement duration: 18 minutes 19 seconds

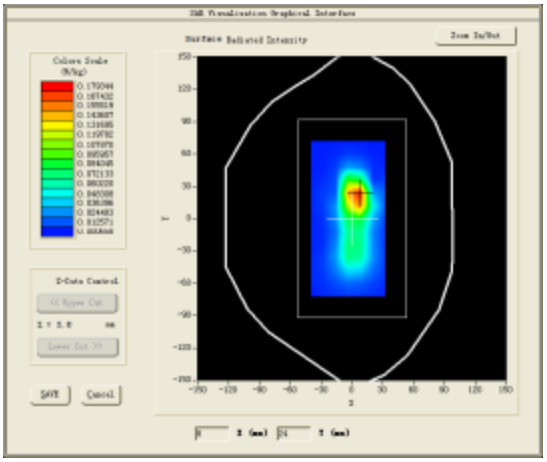
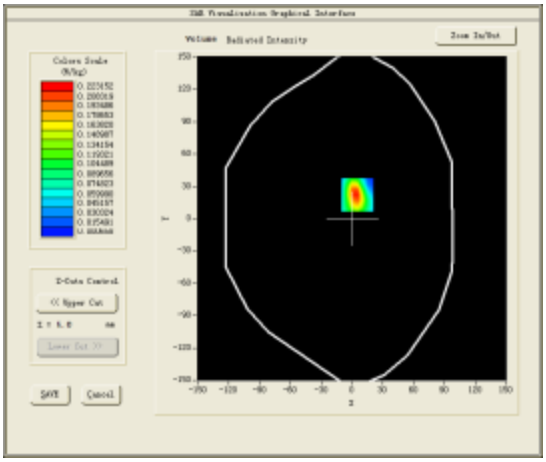
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=12mm dy=12mm |
| **ZoomScan** | 7x7x7,dx=5mm dy=5mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | IEEE 802.11b ISM |
| **Channels** | High |
| **Signal** | IEEE802.b (Crest factor: 1.0) |

## B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|---|---|
| **Frequency (MHz)** | 2462.000000 |
| **Relative permittivity (real part)** | 52.801905 |
| **Relative permittivity (imaginary part)** | 14.628100 |
| **Conductivity (S/m)** | 2.002512 |
| **Variation (%)** | -0.740000 |
| **ConvF** | 5.50 |

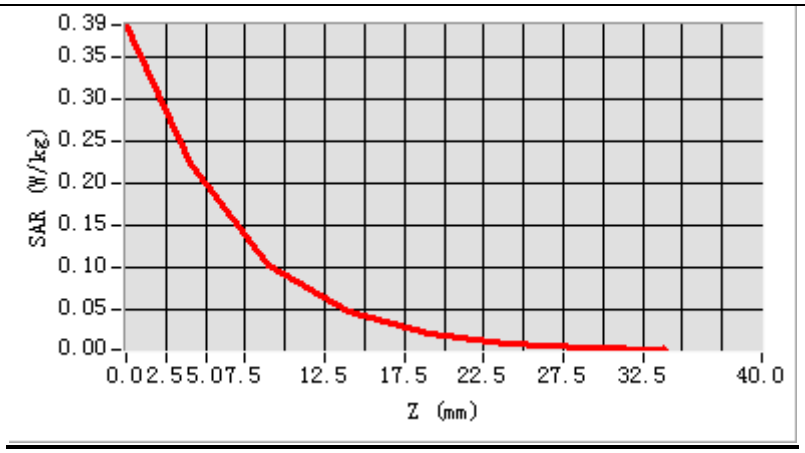
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

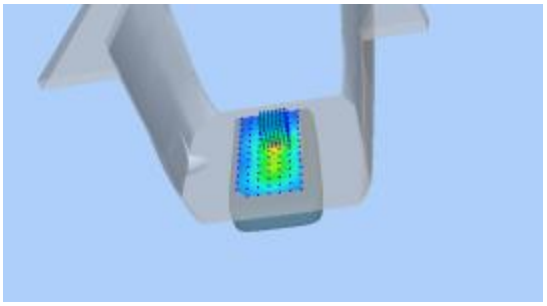
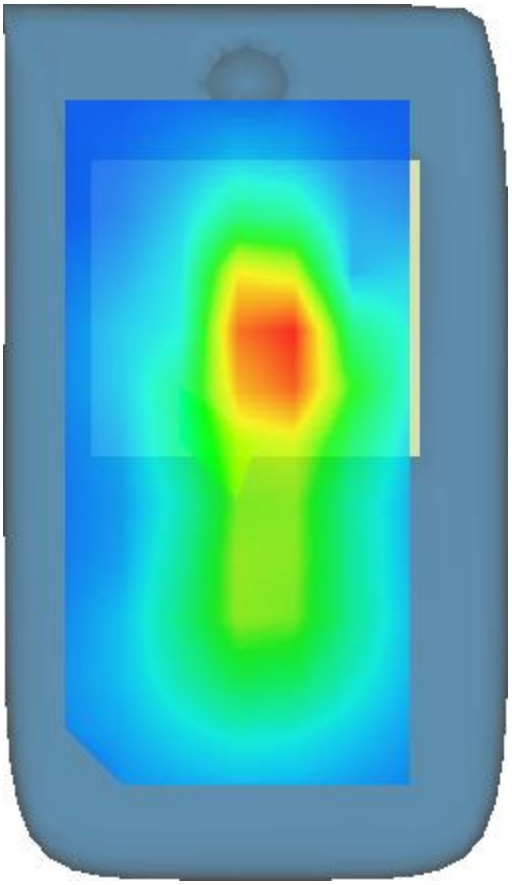
**Maximum location: X=5.00, Y=22.00**

**SAR Peak: 0.43 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.094556 |
| **SAR 1g (W/Kg)** | 0.225589 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 37

## Towards_ground_high_0mm

Type: Phone measurement (Complete)

Date of measurement: 24/2/2014

Measurement duration: 13 minutes 13 seconds

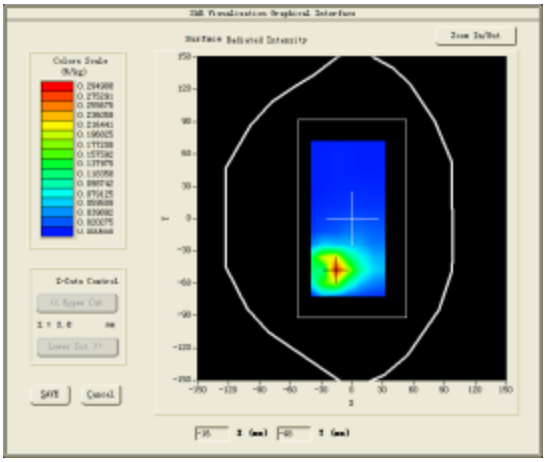
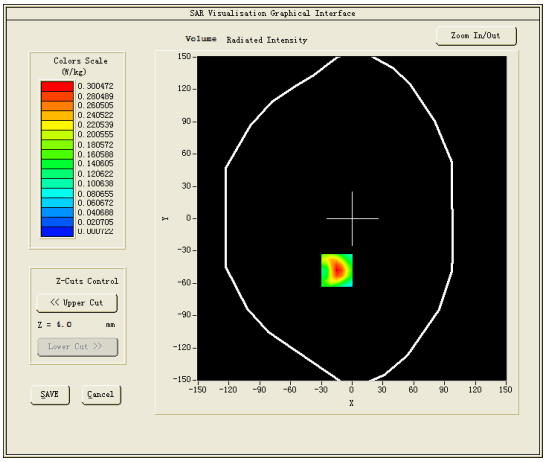
## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=12mm dy=12mm |
| **ZoomScan** | 7x7x7,dx=5mm dy=5mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | IEEE 802.11b ISM |
| **Channels** | High |
| **Signal** | IEEE802.b (Crest factor: 1.0) |

## B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|---|---|
| **Frequency (MHz)** | 2462.000000 |
| **Relative permittivity (real part)** | 52.801905 |
| **Relative permittivity (imaginary part)** | 14.628100 |
| **Conductivity (S/m)** | 2.002512 |
| **Variation (%)** | -0.190000 |
| **ConvF** | 5.50 |

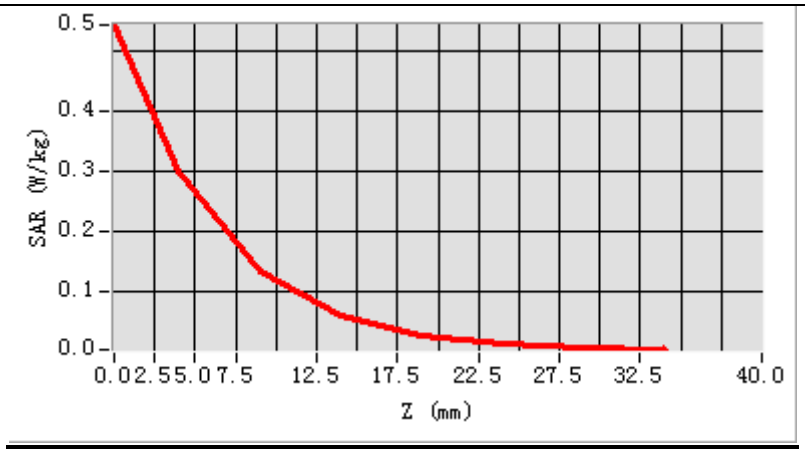
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

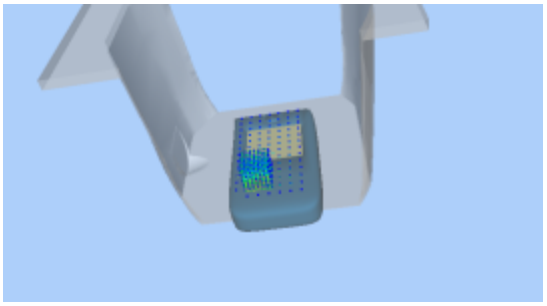
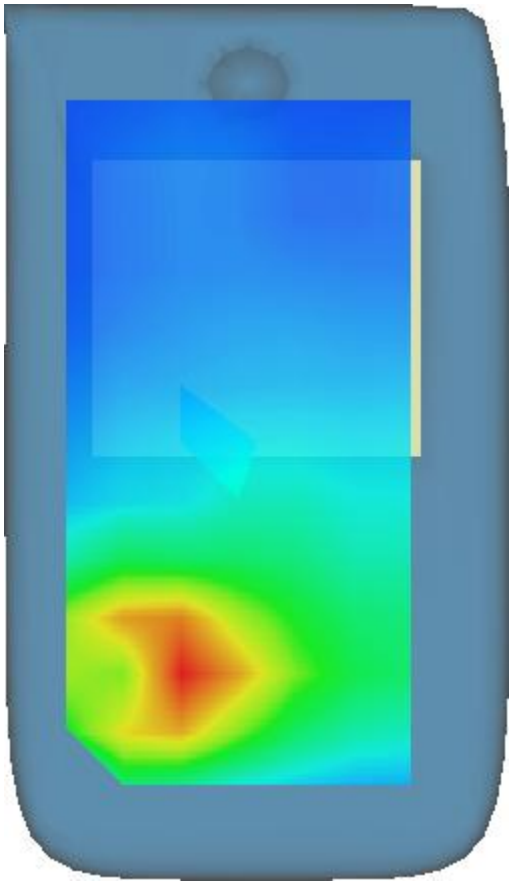
**Maximum location: X=-15.00, Y=-48.00**

**SAR Peak: 0.59 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.140646 |
| **SAR 1g (W/Kg)** | 0.309709 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 38

## Towards_ground_low_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

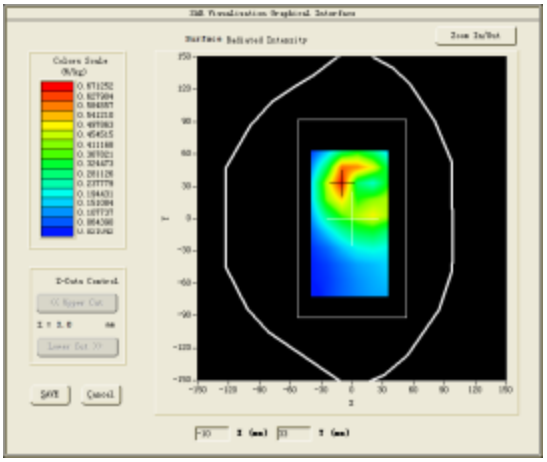
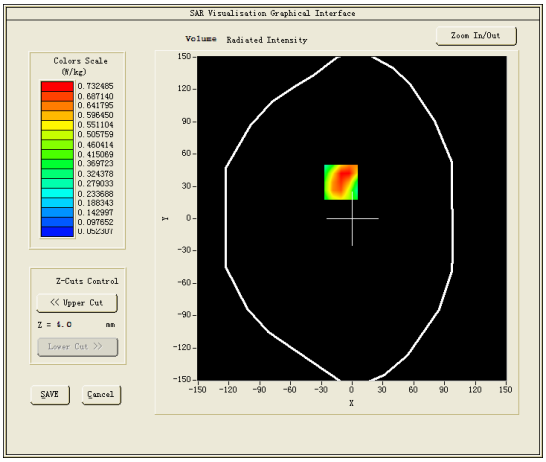
Measurement duration: 9 minutes 20 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS850_3Tx) |
| **Channels** | Low |
| **Signal** | Duty Cycle: 2.67 (Crest factor: 2.7) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 824.200012 |
| **Relative permittivity (real part)** | 53.610270 |
| **Relative permittivity (imaginary part)** | 20.584020 |
| **Conductivity (S/m)** | 0.953687 |
| **Variation (%)** | 0.570000 |
| **ConvF** | 6.17 |

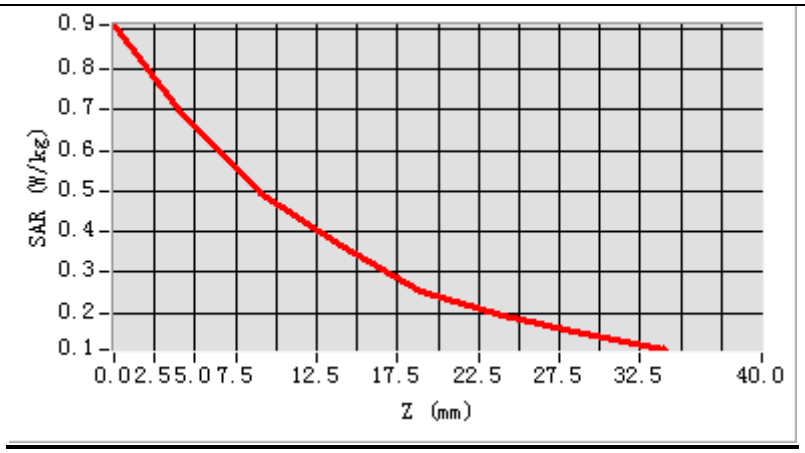
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

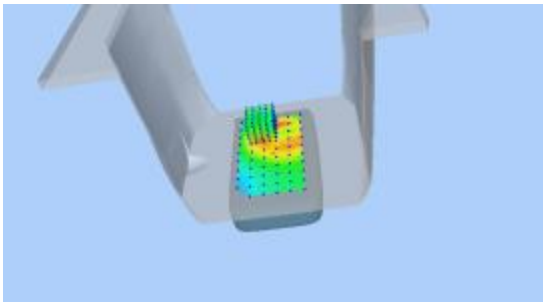
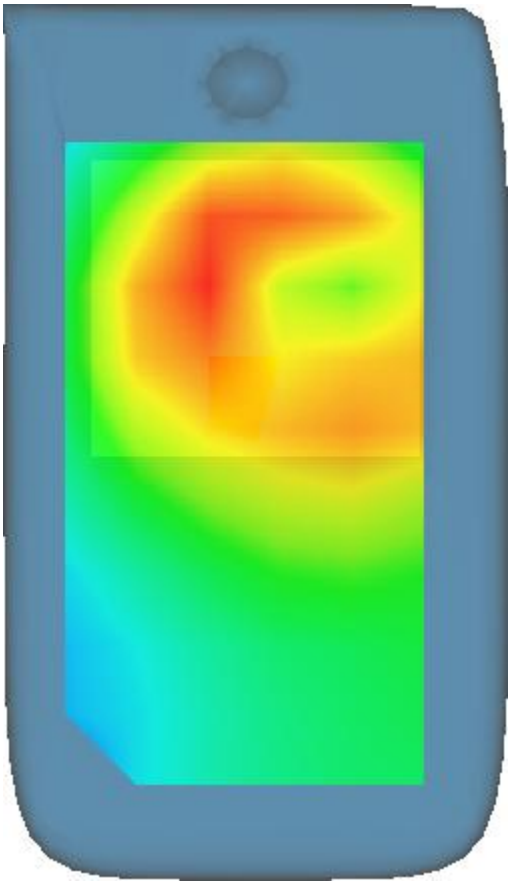
**Maximum location: X=-11.00, Y=34.00**

**SAR Peak: 1.11 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.451611 |
| **SAR 1g (W/Kg)** | 0.723078 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 39

## Bottom_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

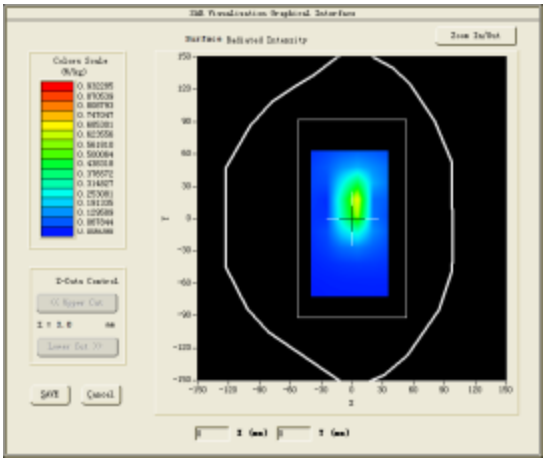
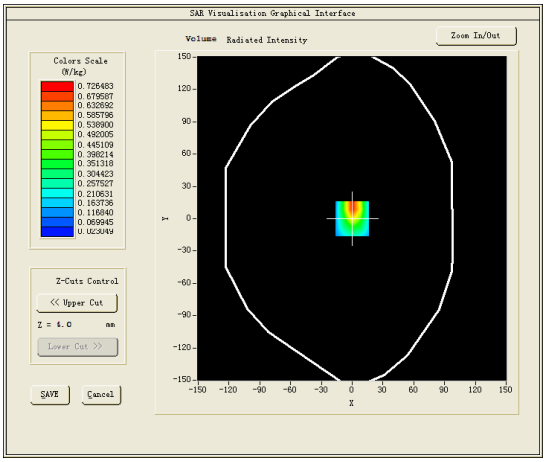
Measurement duration: 11 minutes 17 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS850_3Tx) |
| **Channels** | Middle |
| **Signal** | Duty Cycle: 2.67 (Crest factor: 2.7) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 53.388620 |
| **Relative permittivity (imaginary part)** | 20.748321 |
| **Conductivity (S/m)** | 0.963316 |
| **Variation (%)** | -3.360000 |
| **ConvF** | 6.17 |

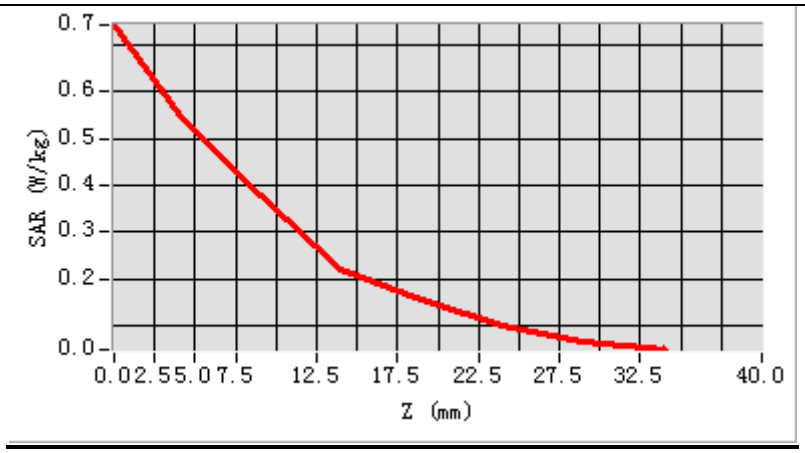
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

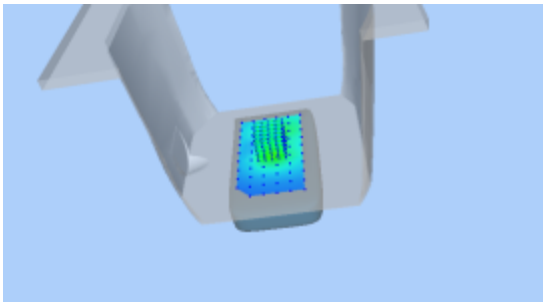
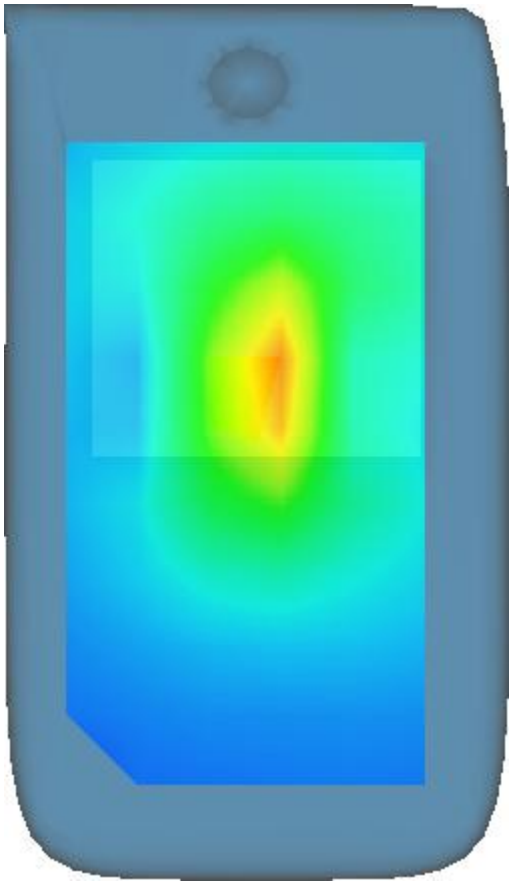
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 1.14 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.338032 |
| **SAR 1g (W/Kg)** | 0.680271 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 40

## Left_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

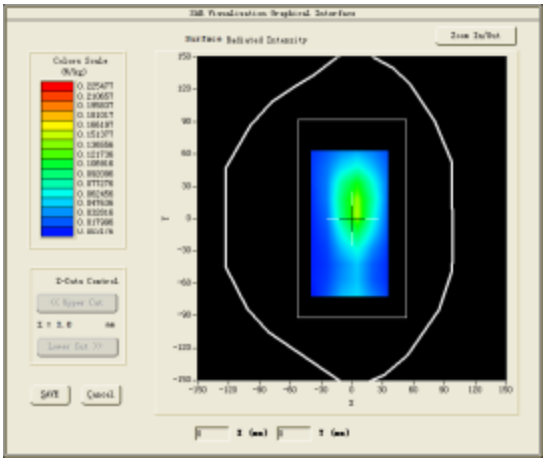
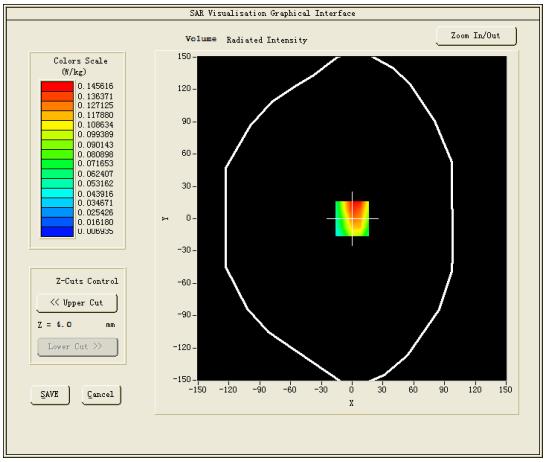
Measurement duration: 11 minutes 25 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS850_3Tx) |
| **Channels** | Middle |
| **Signal** | Duty Cycle: 2.67 (Crest factor: 2.7) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 53.388620 |
| **Relative permittivity (imaginary part)** | 20.748321 |
| **Conductivity (S/m)** | 0.963316 |
| **Variation (%)** | -0.240000 |
| **ConvF** | 6.17 |

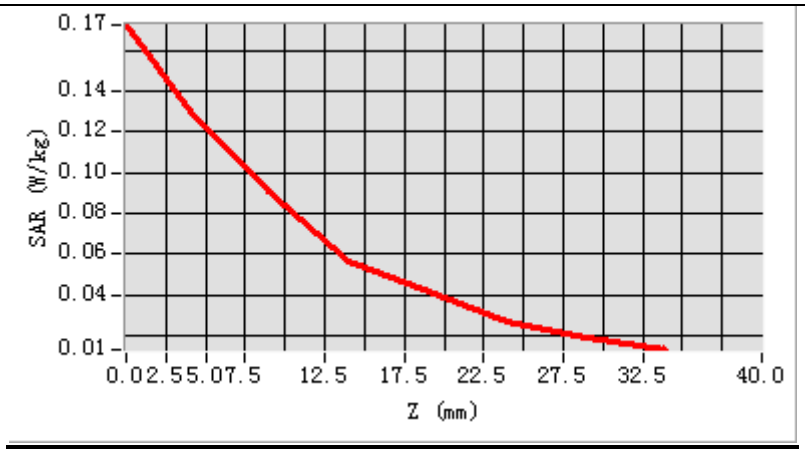
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

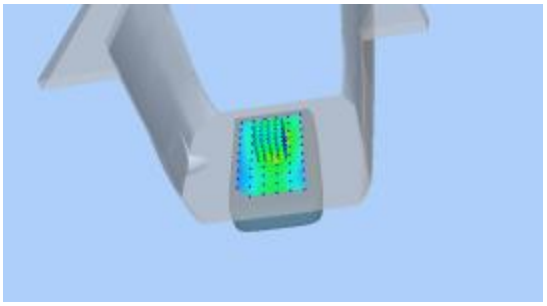
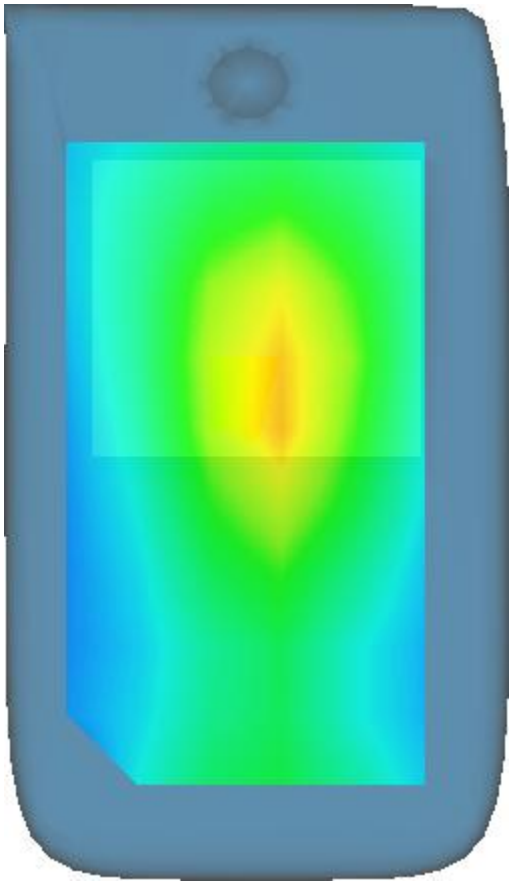
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 0.22 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.083809 |
| **SAR 1g (W/Kg)** | 0.141779 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 41

## Right_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

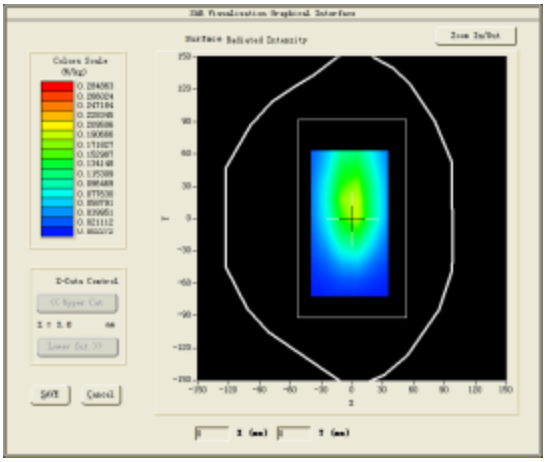
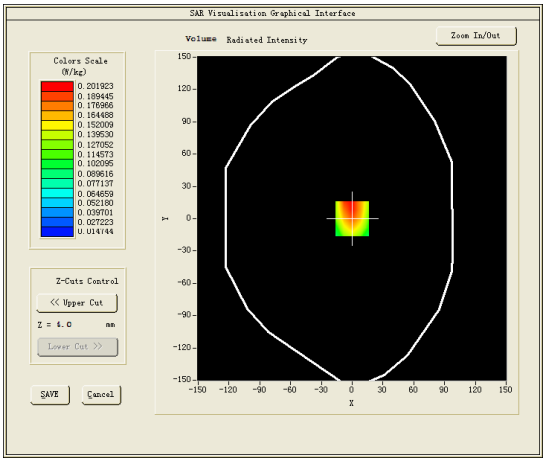
Measurement duration: 11 minutes 17 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS850_3Tx) |
| **Channels** | Middle |
| **Signal** | Duty Cycle: 2.67 (Crest factor: 2.7) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 53.388620 |
| **Relative permittivity (imaginary part)** | 20.748321 |
| **Conductivity (S/m)** | 0.963316 |
| **Variation (%)** | 2.450000 |
| **ConvF** | 6.17 |

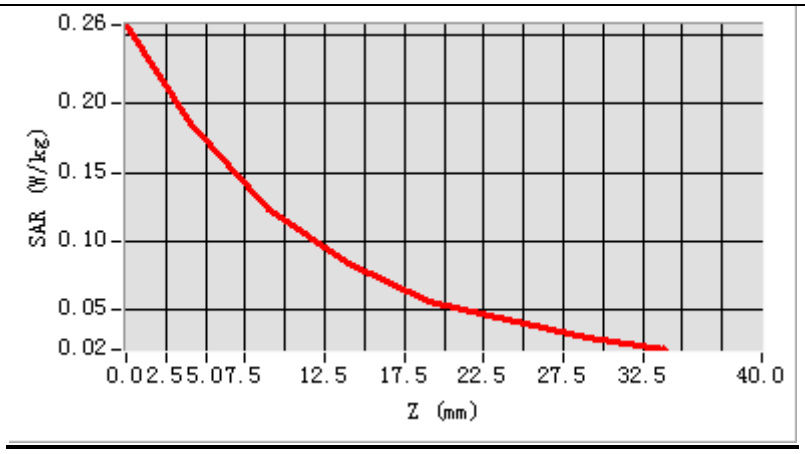
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

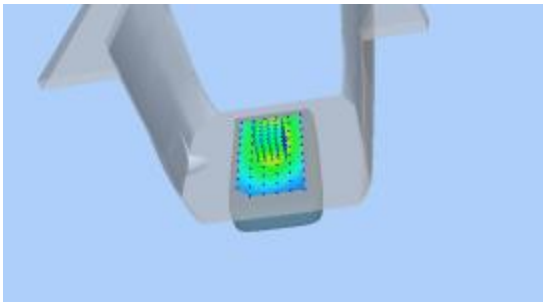
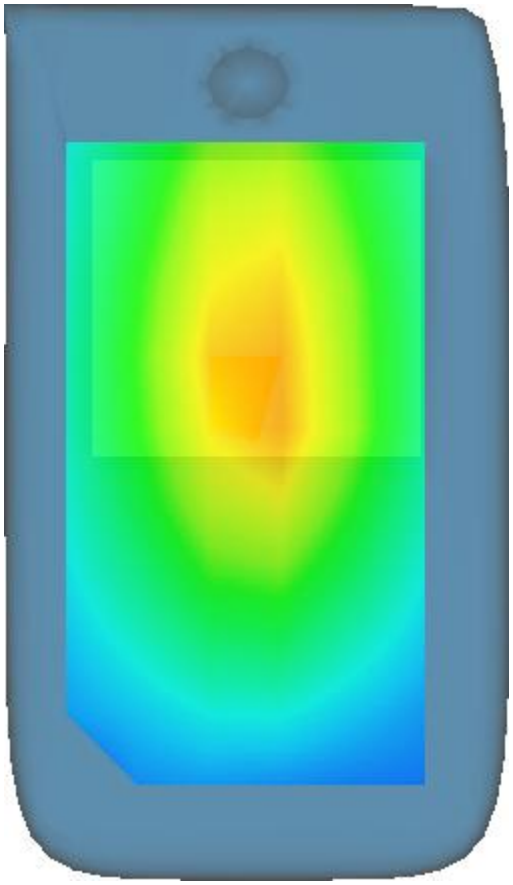
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 0.31 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.120440 |
| **SAR 1g (W/Kg)** | 0.196438 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 42

## Towards_ground_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

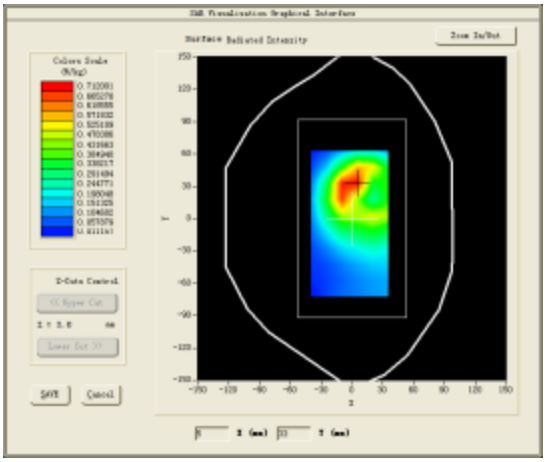
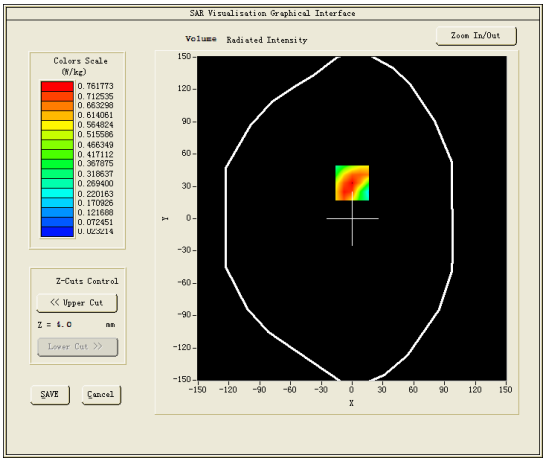
Measurement duration: 11 minutes 7 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS850_3Tx) |
| **Channels** | Middle |
| **Signal** | Duty Cycle: 2.67 (Crest factor: 2.7) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 836.599976 |
| **Relative permittivity (real part)** | 53.388620 |
| **Relative permittivity (imaginary part)** | 20.748321 |
| **Conductivity (S/m)** | 0.963316 |
| **Variation (%)** | 0.500000 |
| **ConvF** | 6.17 |

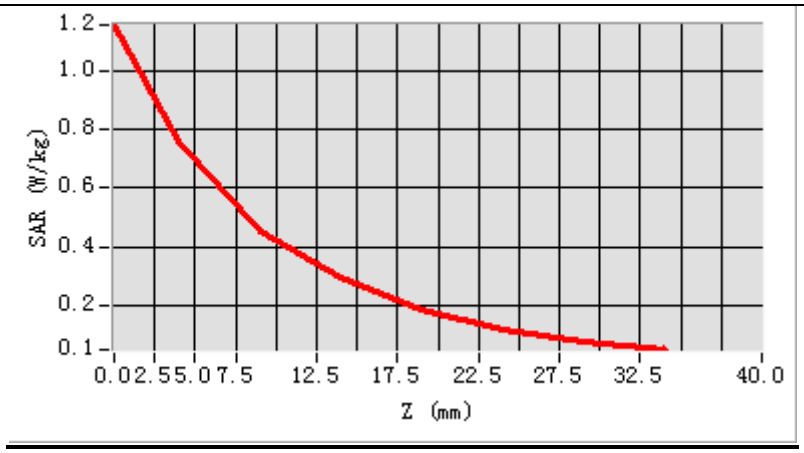
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

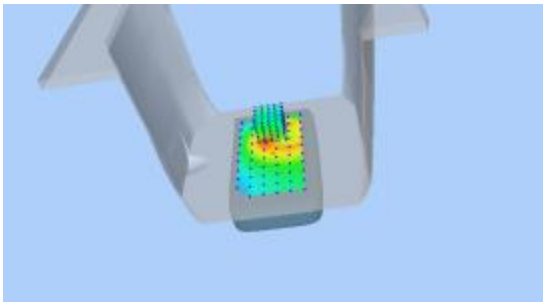
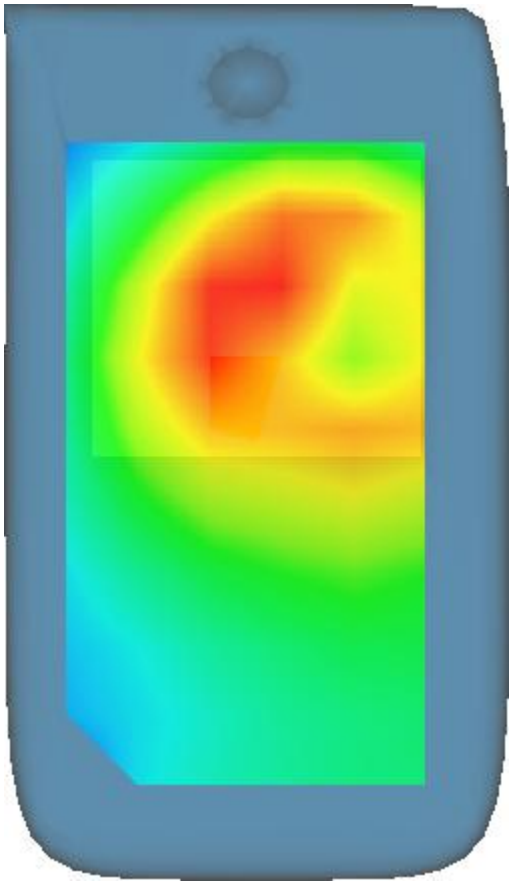
**Maximum location: X=0.00, Y=33.00**

**SAR Peak: 1.19 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.433461 |
| **SAR 1g (W/Kg)** | 0.747725 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 43

## Towards_ground_high_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

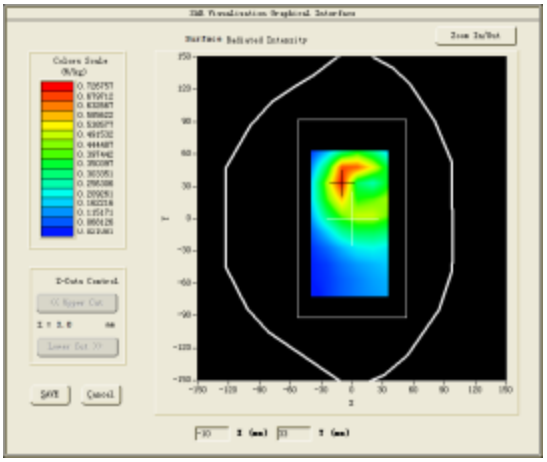
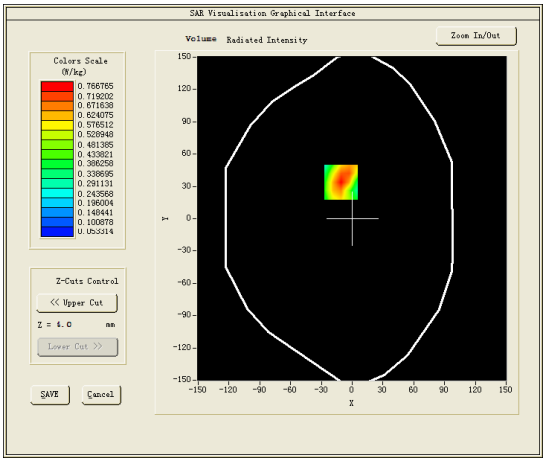
Measurement duration: 9 minutes 19 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS850_3Tx) |
| **Channels** | High |
| **Signal** | Duty Cycle: 2.67 (Crest factor: 2.7) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 848.799988 |
| **Relative permittivity (real part)** | 53.206782 |
| **Relative permittivity (imaginary part)** | 20.952301 |
| **Conductivity (S/m)** | 0.990261 |
| **Variation (%)** | -4.550000 |
| **ConvF** | 6.17 |

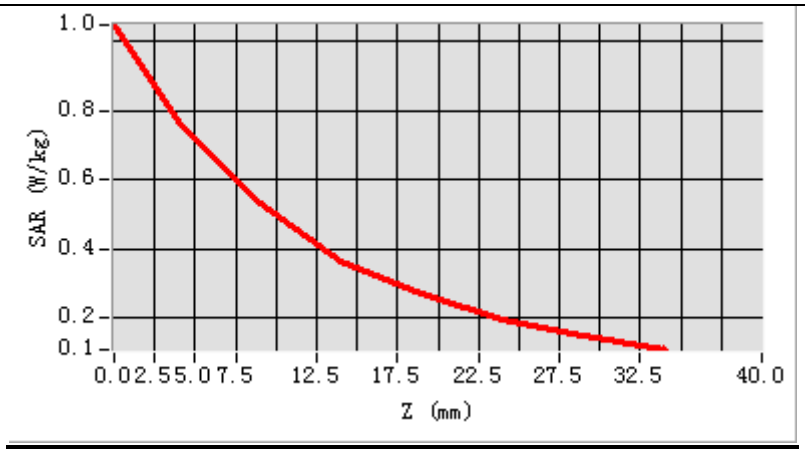
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

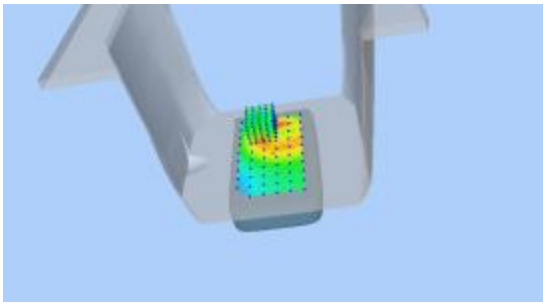
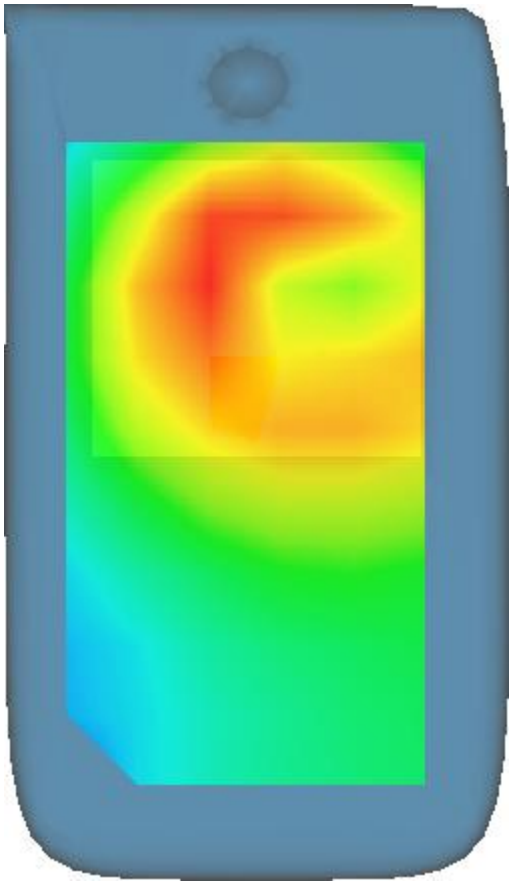
**Maximum location: X=-11.00, Y=34.00**

**SAR Peak: 1.08 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.460945 |
| **SAR 1g (W/Kg)** | 0.732076 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 44

## Towards_ground_low_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

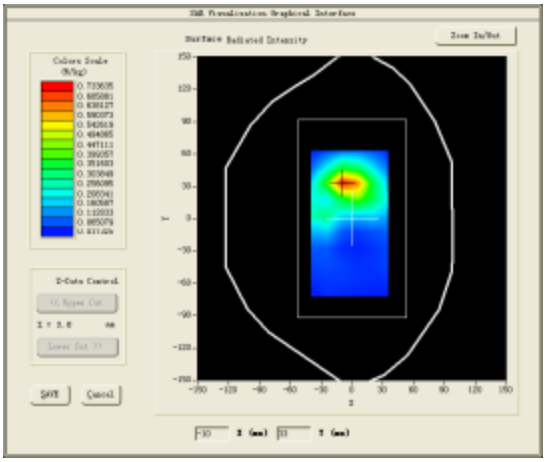
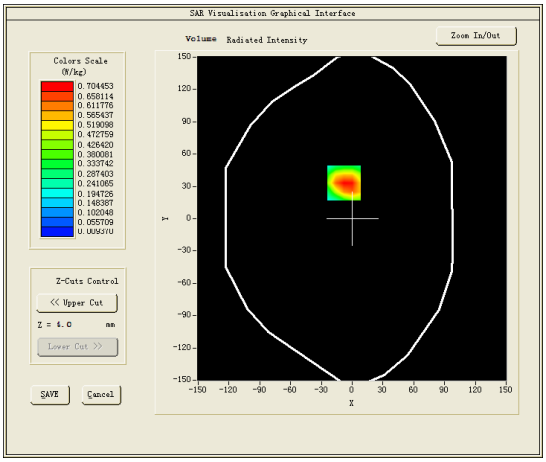
Measurement duration: 9 minutes 51 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS1900_4Tx) |
| **Channels** | Low |
| **Signal** | Duty Cycle: 2.00 (Crest factor: 2.0) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 1850.199951 |
| **Relative permittivity (real part)** | 52.123501 |
| **Relative permittivity (imaginary part)** | 14.469940 |
| **Conductivity (S/m)** | 1.487349 |
| **Variation (%)** | 1.020000 |
| **ConvF** | 6.25 |

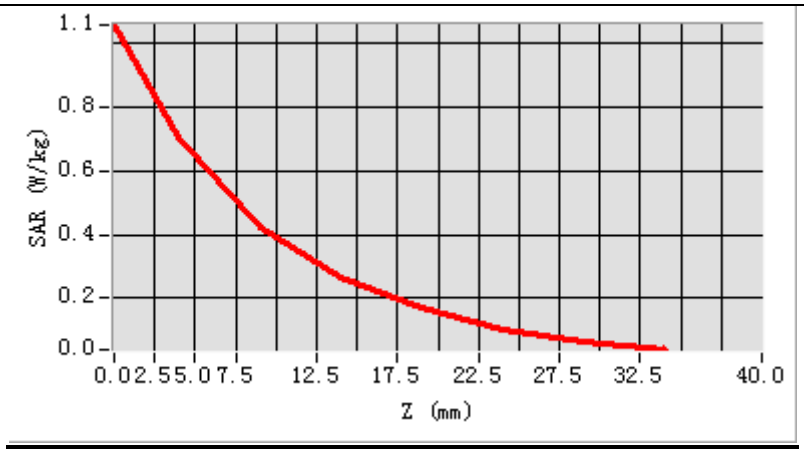
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

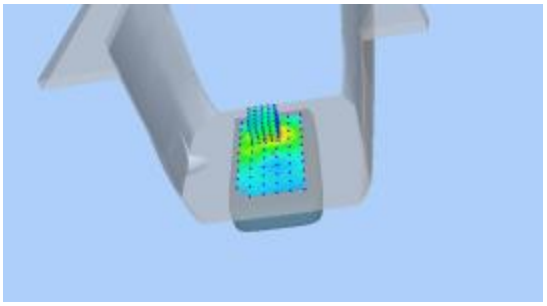
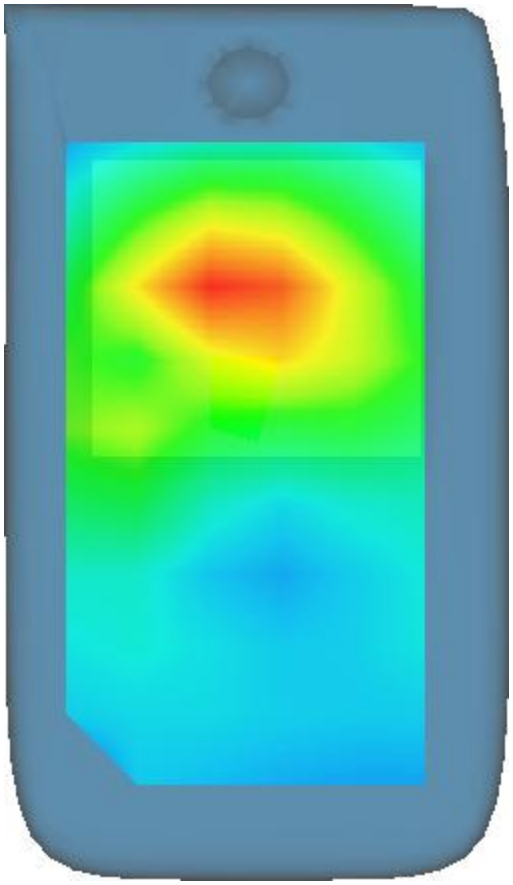
**Maximum location: X=-8.00, Y=33.00**

**SAR Peak: 1.06 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.389154 |
| **SAR 1g (W/Kg)** | 0.677985 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 45

## Bottom_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

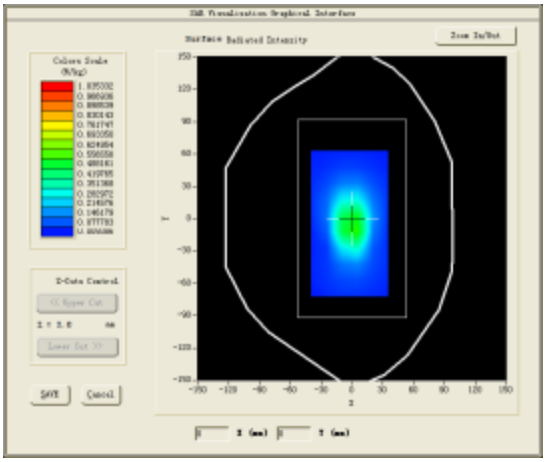
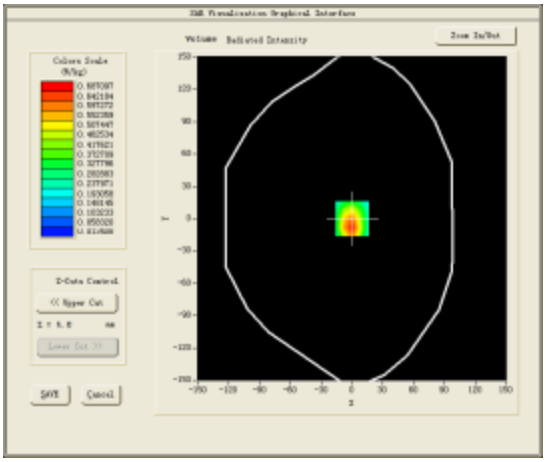
Measurement duration: 11 minutes 21 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS1900_4Tx) |
| **Channels** | Middle |
| **Signal** | Duty Cycle: 2.00 (Crest factor: 2.0) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | -1.060000 |
| **ConvF** | 6.25 |

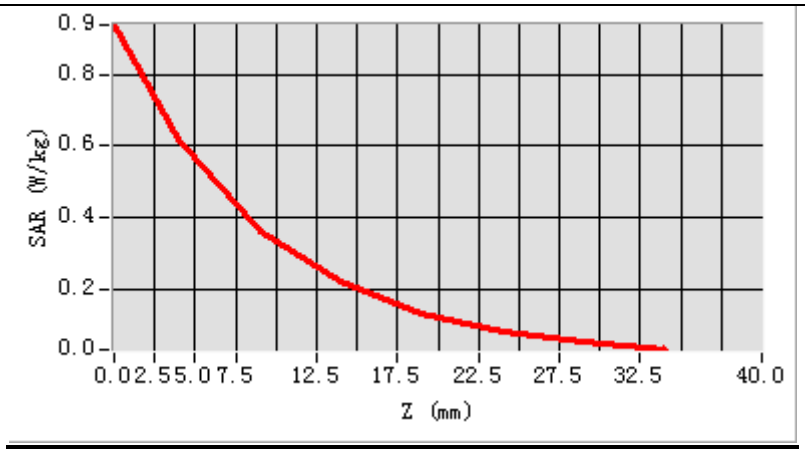
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

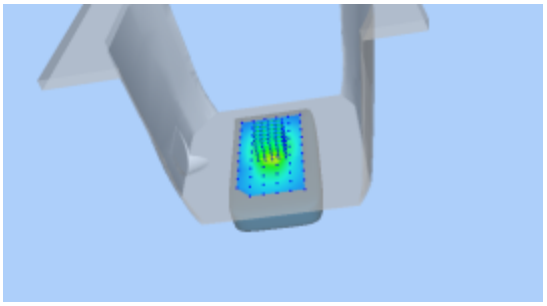
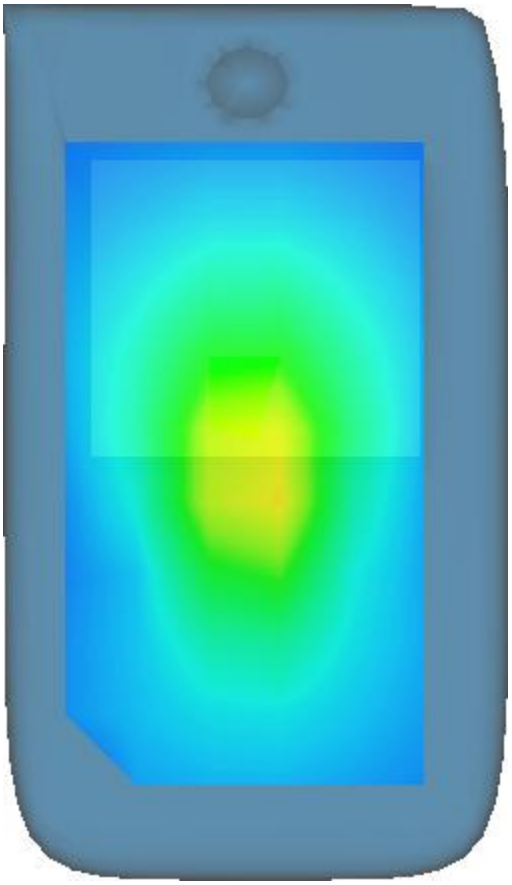
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 1.04 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.345644 |
| **SAR 1g (W/Kg)** | 0.641449 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 46

## Left_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

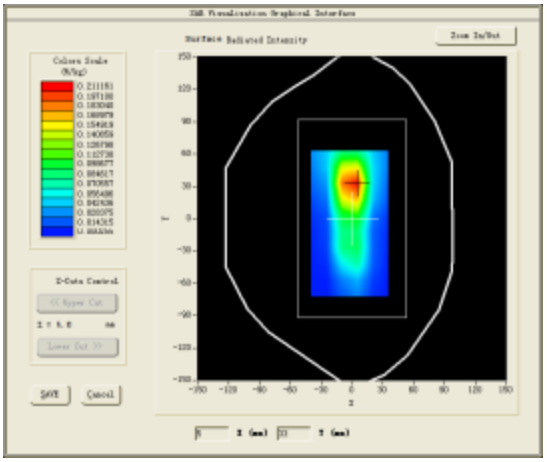
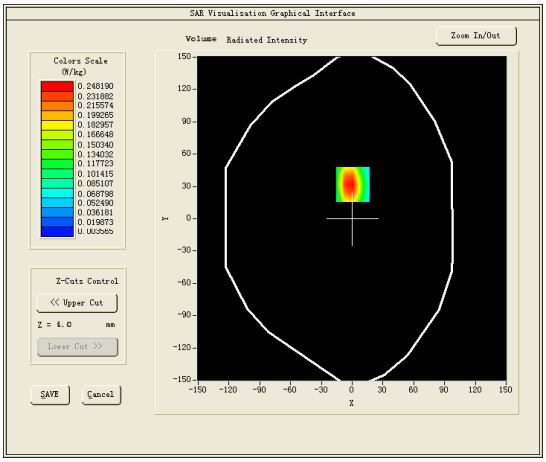
Measurement duration: 10 minutes 46 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS1900_4Tx) |
| **Channels** | Middle |
| **Signal** | Duty Cycle: 2.00 (Crest factor: 2.0) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | -3.990000 |
| **ConvF** | 6.25 |

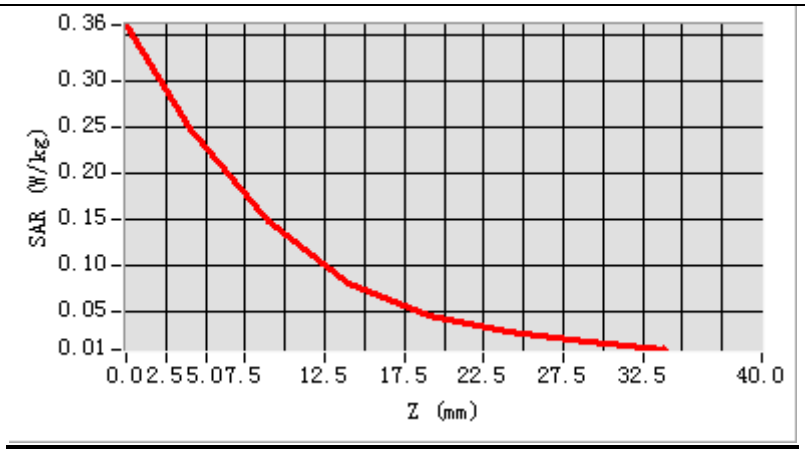
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

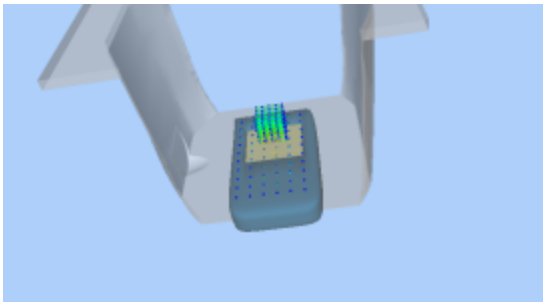
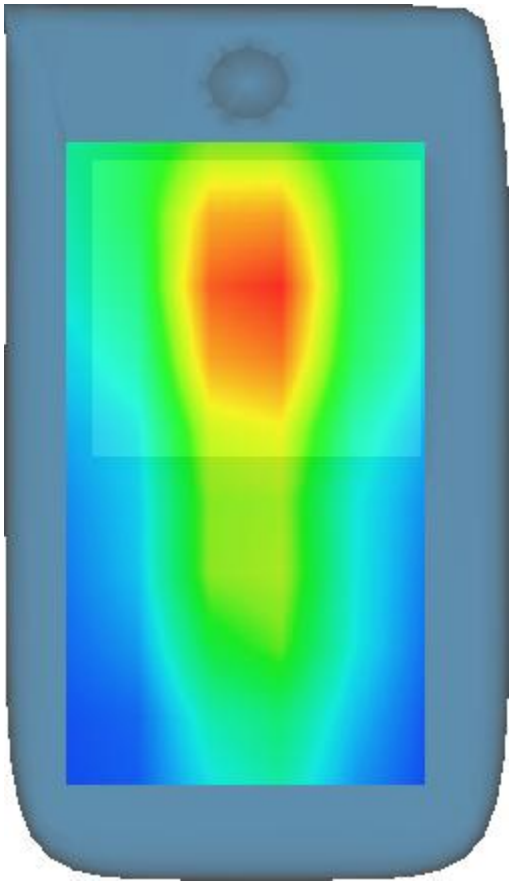
**Maximum location: X=1.00, Y=32.00**

**SAR Peak: 0.40 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.129567 |
| **SAR 1g (W/Kg)** | 0.249234 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 47

## Right_edge_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

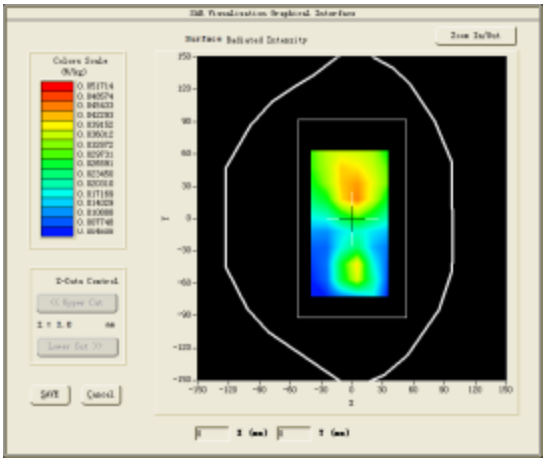
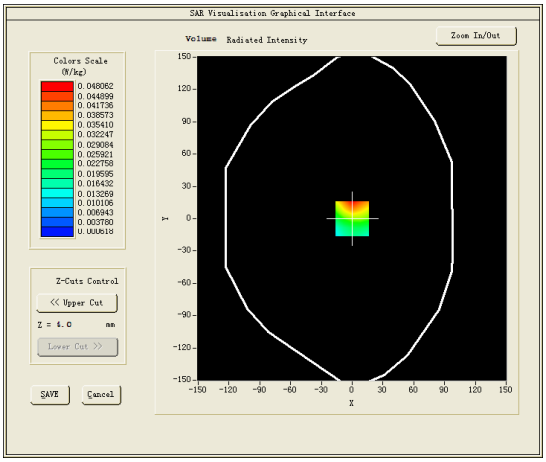
Measurement duration: 11 minutes 20 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS1900_4Tx) |
| **Channels** | Middle |
| **Signal** | Duty Cycle: 2.00 (Crest factor: 2.0) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | -3.120000 |
| **ConvF** | 6.25 |

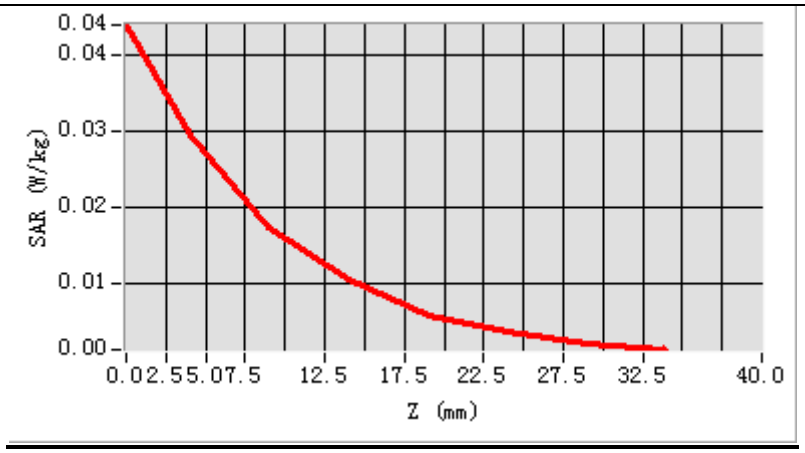
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

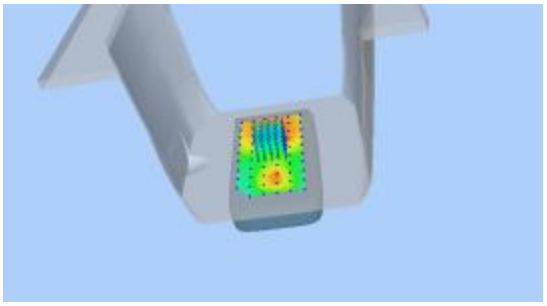
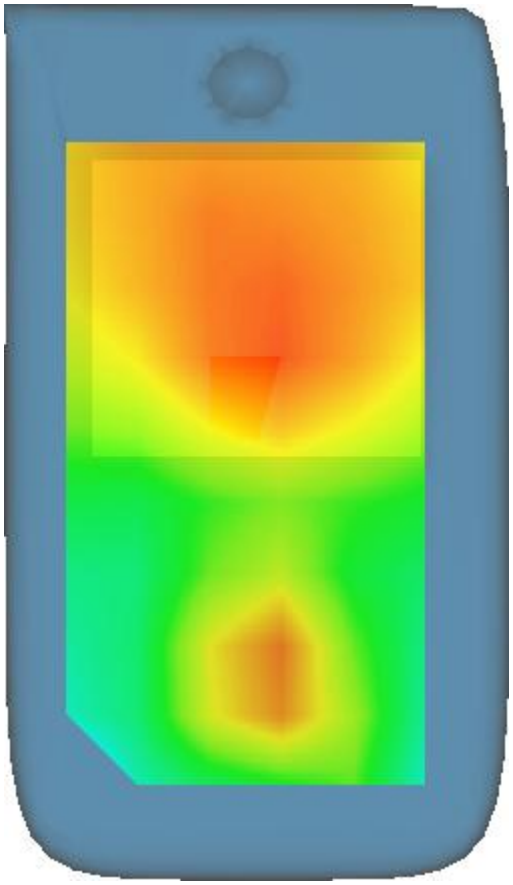
**Maximum location: X=0.00, Y=0.00**

**SAR Peak: 0.08 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.021632 |
| **SAR 1g (W/Kg)** | 0.043412 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 48

## Towards_ground_middle_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

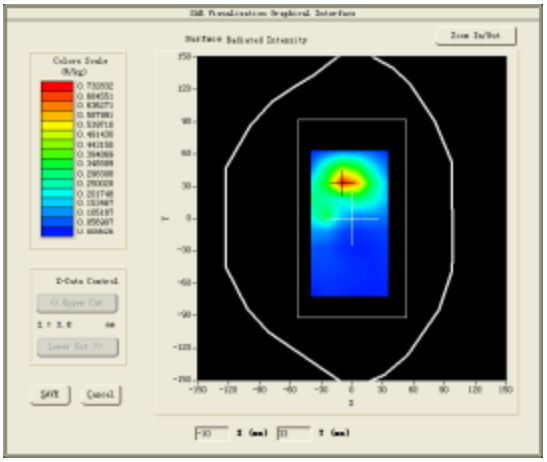
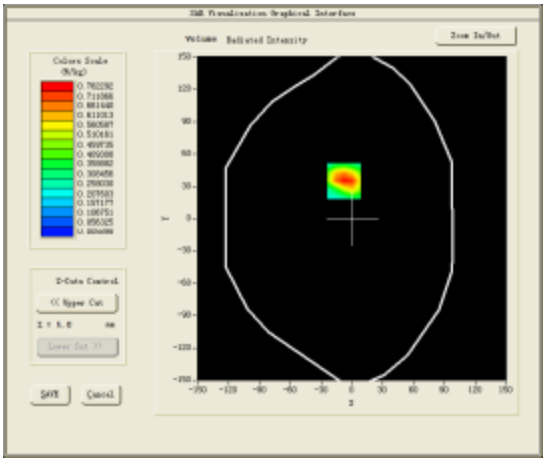
Measurement duration: 9 minutes 49 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS1900_4Tx) |
| **Channels** | Middle |
| **Signal** | Duty Cycle: 2.00 (Crest factor: 2.0) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 1880.000000 |
| **Relative permittivity (real part)** | 52.059399 |
| **Relative permittivity (imaginary part)** | 14.586700 |
| **Conductivity (S/m)** | 1.523500 |
| **Variation (%)** | 2.230000 |
| **ConvF** | 6.25 |

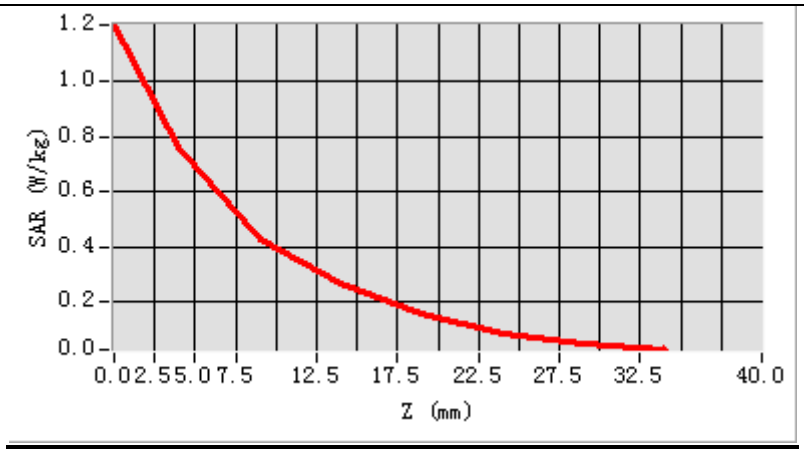
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

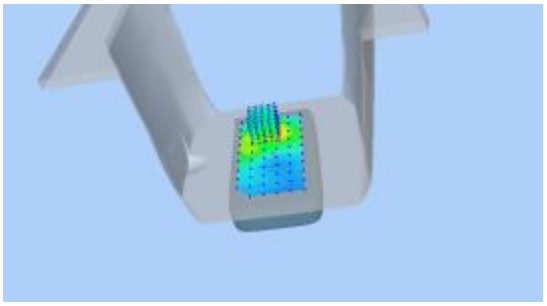
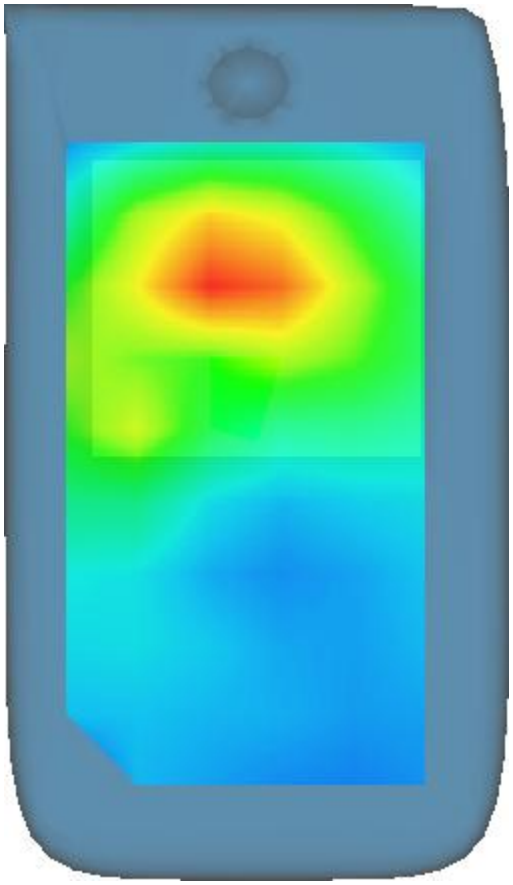
**Maximum location: X=-8.00, Y=35.00**

**SAR Peak: 1.20 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.385876 |
| **SAR 1g (W/Kg)** | 0.732449 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |

# MEASUREMENT 49

## Towards_ground_high_0mm

Type: Phone measurement (Complete)

Date of measurement: 22/2/2014

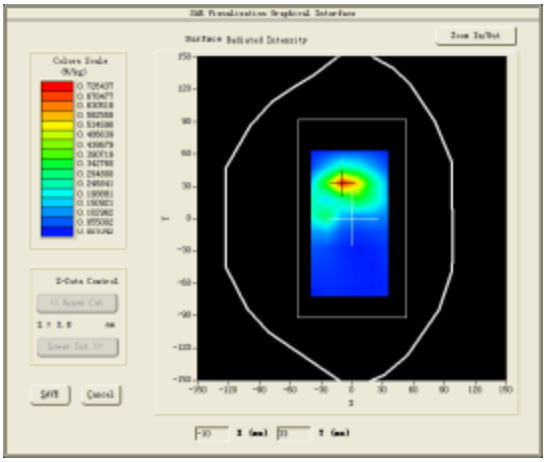
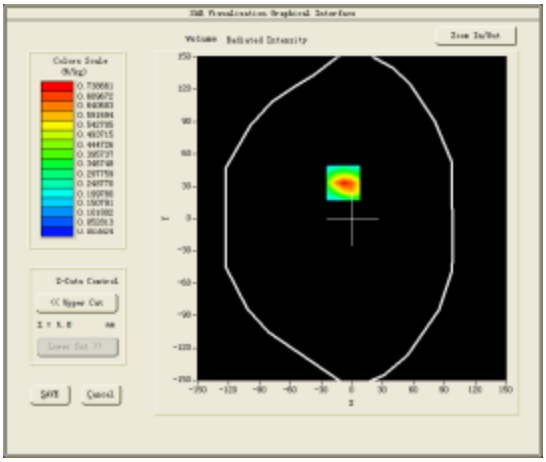
Measurement duration: 9 minutes 41 seconds

## A. Experimental conditions.

| | |
|---|---|
| **Area Scan** | dx=15mm dy=15mm |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| **Phantom** | Validation plane |
| **Device Position** | Body |
| **Band** | CUSTOM (GPRS1900_4Tx) |
| **Channels** | High |
| **Signal** | Duty Cycle: 2.00 (Crest factor: 2.0) |

## B. SAR Measurement Results

| | |
|---|---|
| **Frequency (MHz)** | 1909.800049 |
| **Relative permittivity (real part)** | 51.928082 |
| **Relative permittivity (imaginary part)** | 14.652940 |
| **Conductivity (S/m)** | 1.554677 |
| **Variation (%)** | 0.100000 |
| **ConvF** | 6.25 |

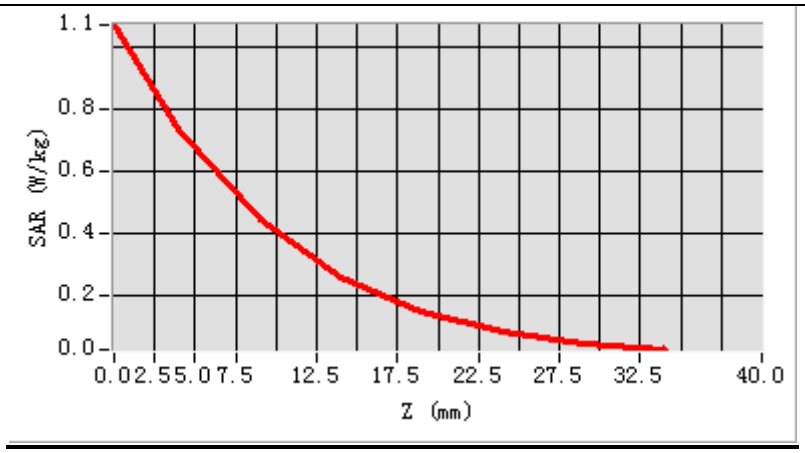
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

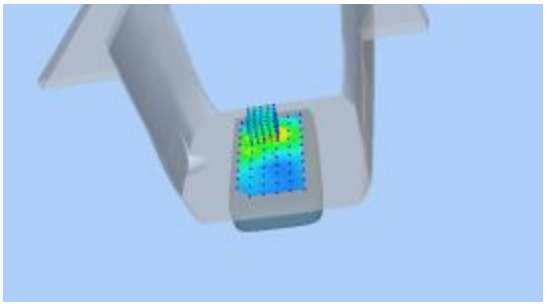
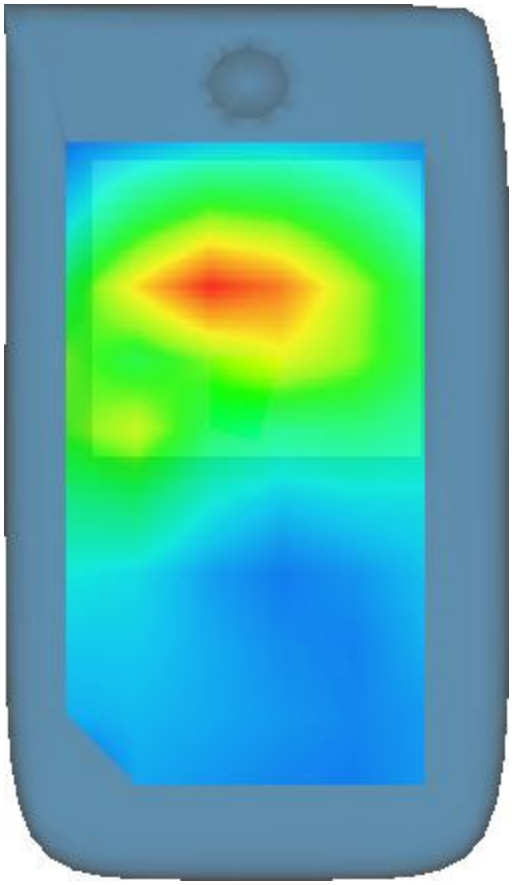
**Maximum location: X=-9.00, Y=33.00**

**SAR Peak: 1.10 W/kg**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.365990 |
| **SAR 1g (W/Kg)** | 0.696471 |

## Z axis scan




| 3D screen shot | Hot spot position |
|---|---|
|  |  |