**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅱ Mid-Touch Left (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: Band Ⅱ UTRA/FDD ;Duty Cycle:1:1;Conv.F=6.42 Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon r$ =41.21; $\rho$ = 1000 kg/m³ ;

Phantom section: Left Section

Ambient temperature (℃):21, Liquid temperature (℃):21

Satimo Configuration:

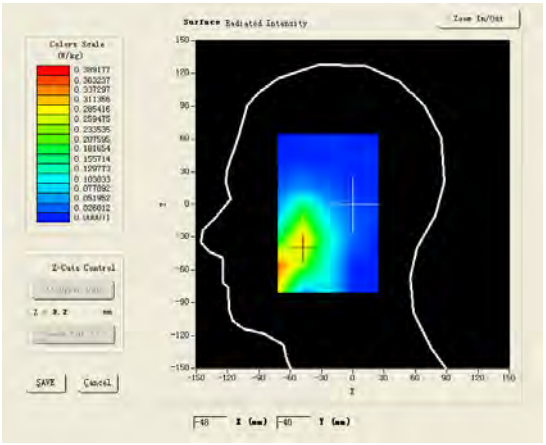
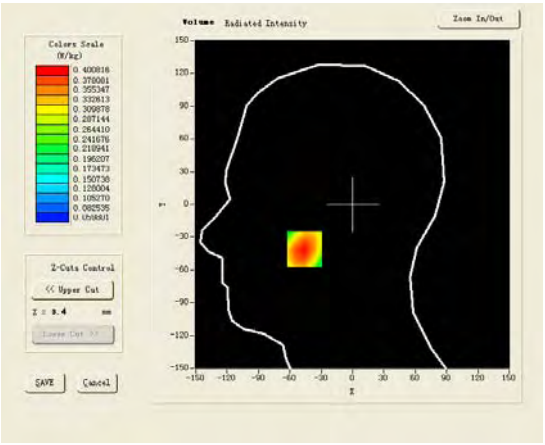
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA Band Ⅱ Mid Touch-Left/Area Scan: Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA Band Ⅱ Mid Touch-Left/Zoom Scan: Measurement grid:** dx=8mm,dy=8mm,dz=5mm;

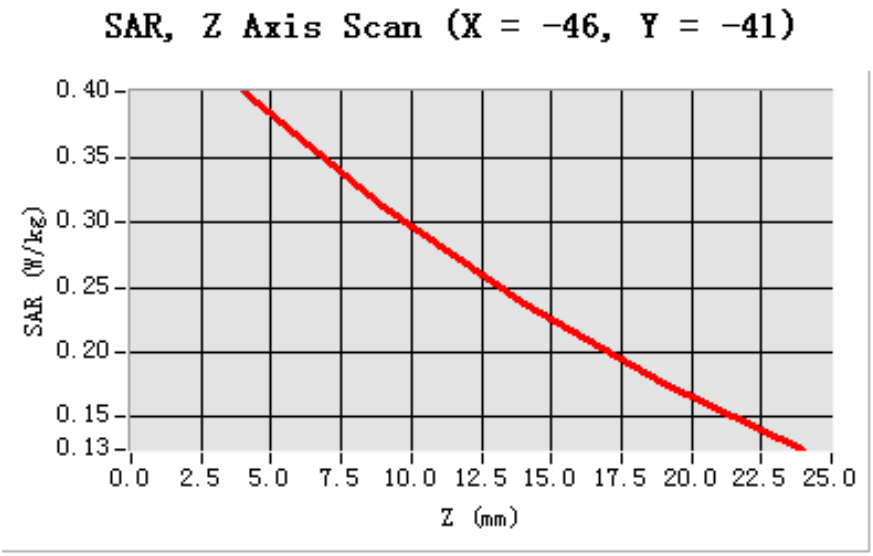
| | |
|---|---|
| **Area Scan** | sam_direct_droit2_surf8mm.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Left head |
| **Device Position** | Cheek |
| **Band** | WCDMA Band Ⅱ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

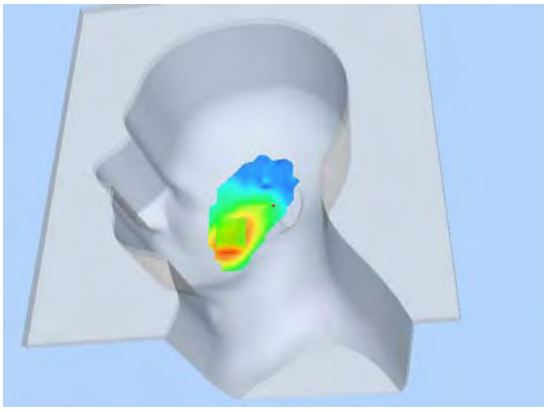
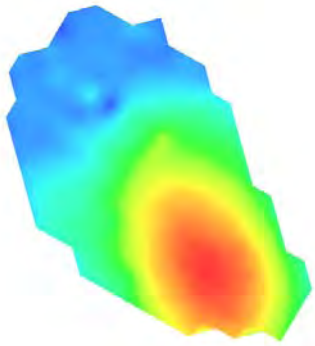
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=-46.00, Y=-41.00

| SAR 10g (W/Kg) | 0.271369 |
|---|---|
| SAR 1g (W/Kg) | 0.382977 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.4024 | 0.3128 | 0.2388 | 0.1769 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅱ Mid-Tilt-Left (RMC)**

**DUT:Mobile Phone; Type: AM62**

C Communication System: UMTS; Communication System Band: Band Ⅱ UTRA/FDD ;Duty Cycle:1:1;Conv.F=6.42 Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon r$ =41.21; $\rho$ = 1000 kg/m³ ; Phantom section: Left Section

Ambient temperature (℃):21, Liquid temperature (℃):21

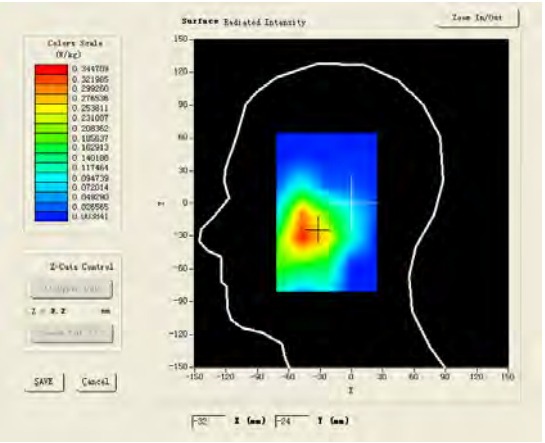
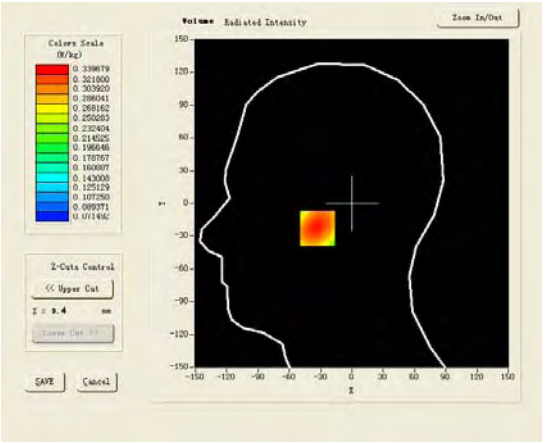
Satimo Configuration:

- Probe:SSE5; Calibrated: 12/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA Band Ⅱ Mid Tilt-Left/Area Scan: Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA Band Ⅱ Mid Tilt-Left/Zoom Scan: Measurement grid:** dx=8mm, dy=8mm, dz=5mm;

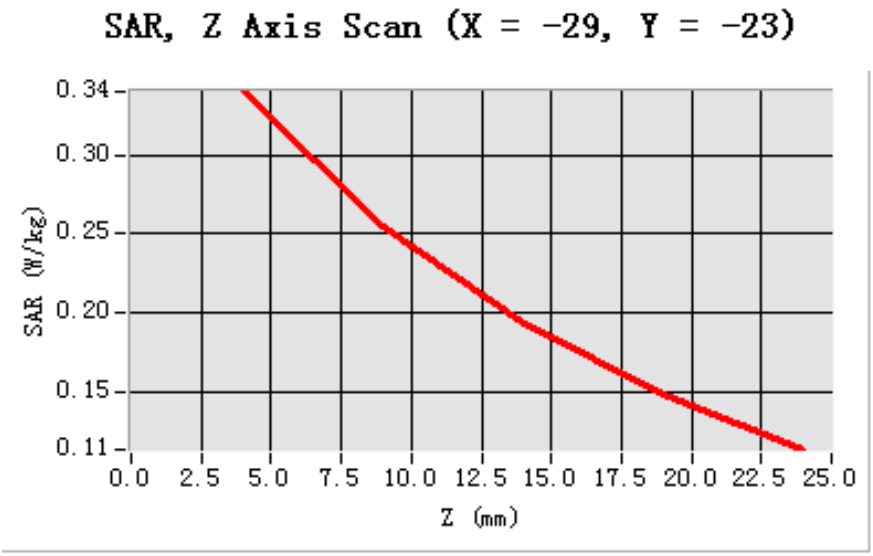
| | |
|---|---|
| **Area Scan** | sam_direct_droit2_surf8mm.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Left head |
| **Device Position** | Tilt |
| **Band** | WCDMA Band Ⅱ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

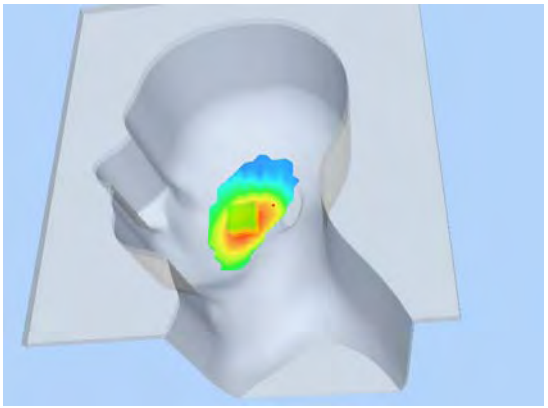
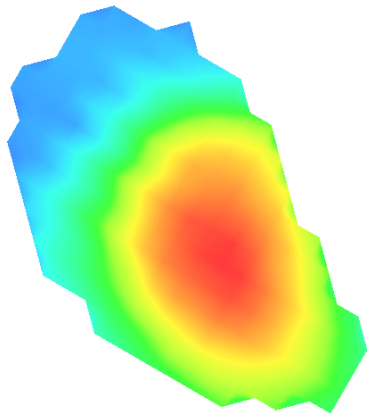
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=-29.00, Y=-23.00

| SAR 10g (W/Kg) | 0.235548 |
|---|---|
| SAR 1g (W/Kg) | 0.326467 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.3376 | 0.2558 | 0.1943 | 0.1480 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA band Ⅱ Mid-Touch Right (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: Band Ⅱ UTRA/FDD ;Duty Cycle:1:1;Conv.F=6.42 Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon r$ =41.21; $\rho$ = 1000 kg/m³ ;

Phantom section: Right Section

Ambient temperature (℃):21, Liquid temperature (℃):21

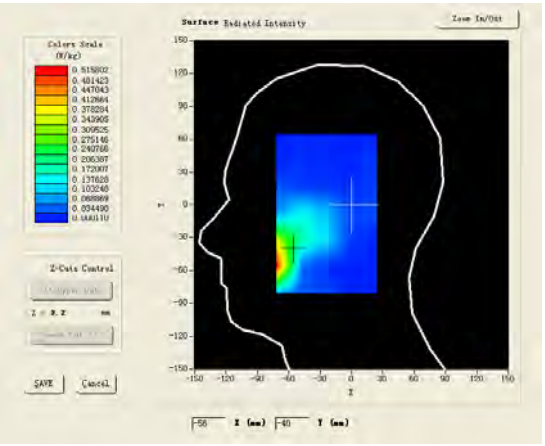
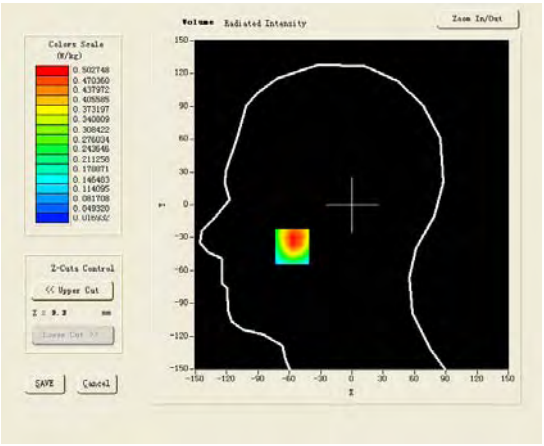
Satimo Configuration:

- Probe:SSE5; Calibrated: 12/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA band Ⅱ Mid Touch-Right/Area Scan: Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA band Ⅱ Touch-Right/Zoom Scan: Measurement grid:** dx=8mm, dy=8mm, dz=5mm;

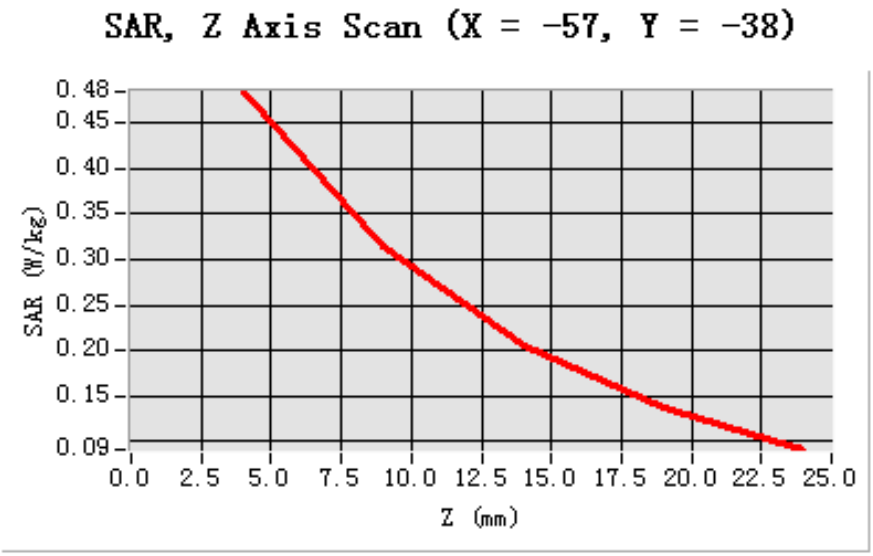
| | |
|---|---|
| **Area Scan** | sam_direct_droit2_surf8mm.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Right head |
| **Device Position** | Cheek |
| **Band** | WCDMA band Ⅱ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

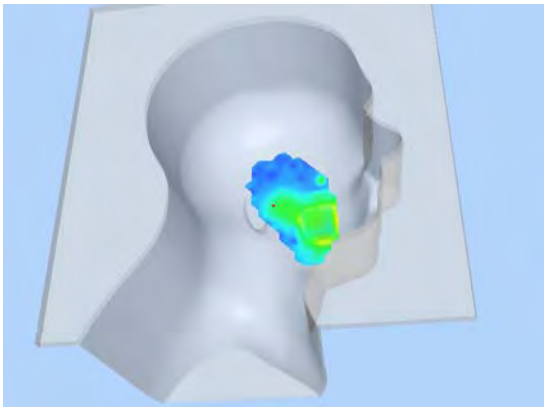
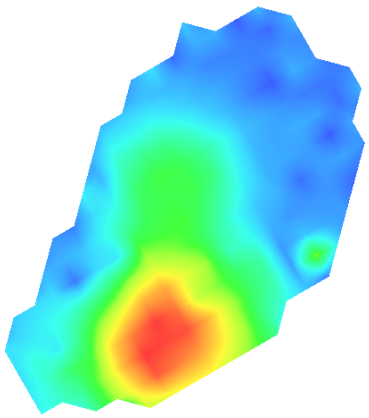
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

**Maximum location: X=-57.00, Y=-38.00**

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.291573 |
| **SAR 1g (W/Kg)** | 0.479437 |

| **Z (mm)** | **0.00** | **4.00** | **9.00** | **14.00** | **19.00** |
|---|---|---|---|---|---|
| **SAR (W/Kg)** | **0.0000** | **0.4846** | **0.3138** | **0.2047** | **0.1378** |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA band Ⅱ Mid-Tilt Right <RMC>**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: Band Ⅱ UTRA/FDD ;Duty Cycle:1:1;Conv.F=6.42 Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon r$ =41.21; $\rho$ = 1000 kg/m³ ;

Phantom section: Right Section

Ambient temperature (℃):21, Liquid temperature (℃):21

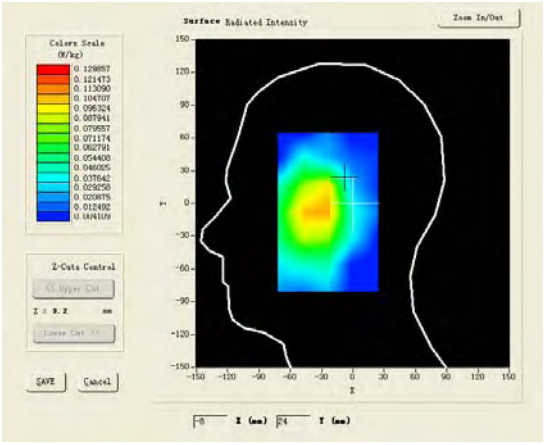
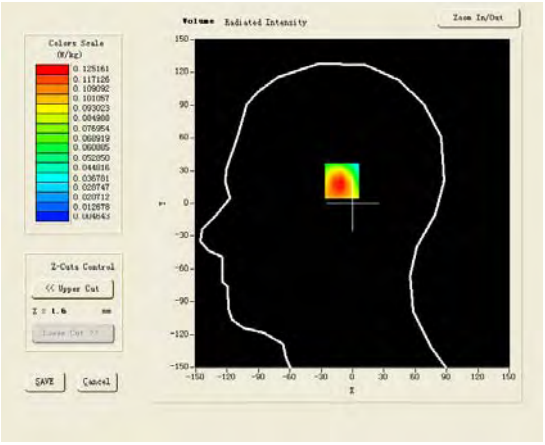
Satimo Configuration:

- Probe:SSE5; Calibrated: 12/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/PCS1900 Mid Tilt-Right/Area Scan:** Measurement grid: dx=20mm, dy=20mm

**Configuration/PCS1900 Mid Tilt-Right/Zoom Scan:** Measurement grid: dx=8mm, dy=8mm, dz=5mm;

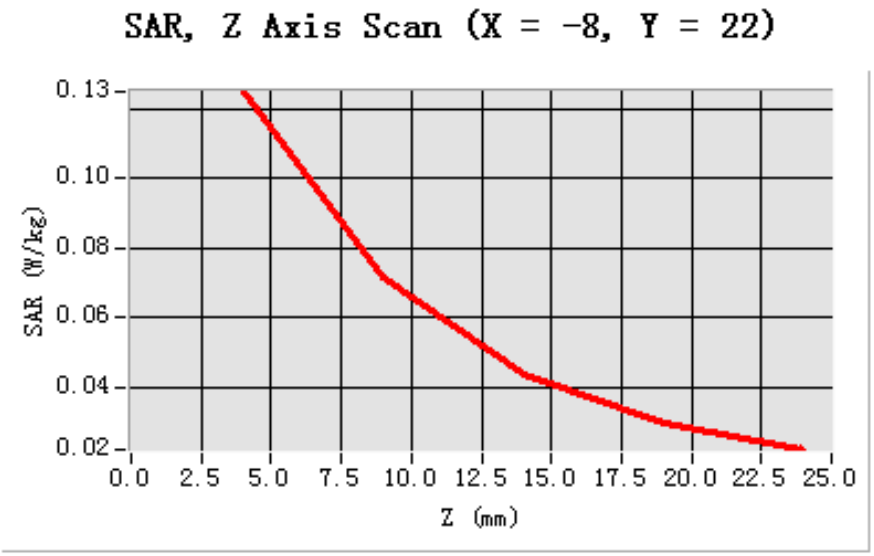
| | |
|---|---|
| **Area Scan** | sam_direct_droit2_surf8mm.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Right head |
| **Device Position** | Tilt |
| **Band** | WCDMA band Ⅱ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

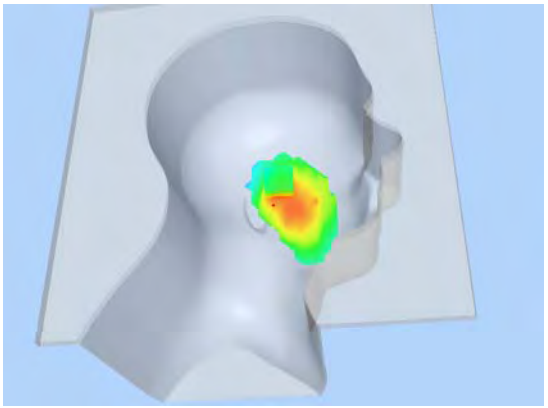
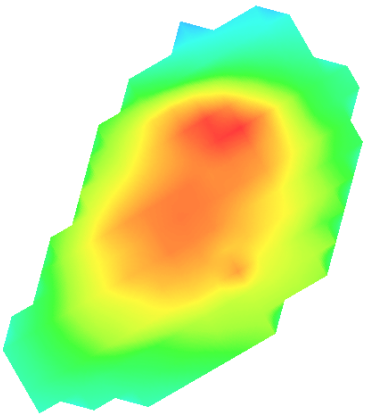
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=-8.00, Y=22.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.072354 |
| **SAR 1g (W/Kg)** | 0.122738 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.1237 | 0.0711 | 0.0476 | 0.0283 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA band Ⅱ Mid-Body-towards grounds (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: Band Ⅱ UTRA/FDD ;Duty Cycle:1:1; convF=6.42 Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; $\sigma$ =1.51 mho/m; $\varepsilon r$ =53.36; $\rho$ = 1000 kg/m³ ;

Phantom section: Flat Section

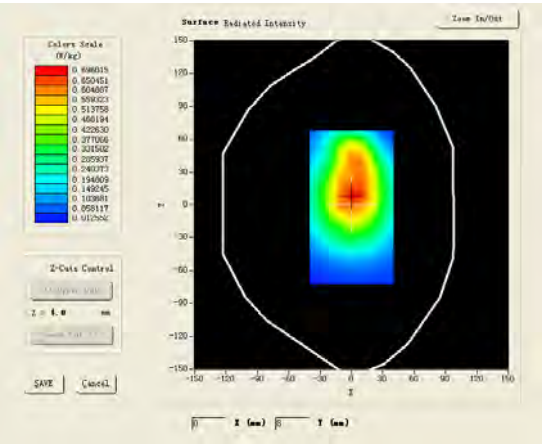
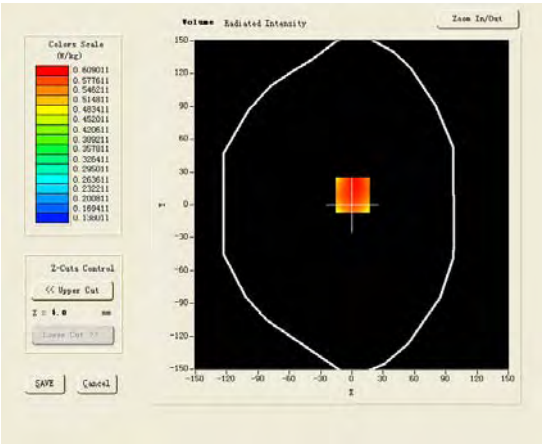
Ambient temperature (℃):21, Liquid temperature (℃):21

Satimo Configuration:

- Probe:SSE5; Calibrated: 12/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA band Ⅱ Mid Body-back/Area Scan: Measurement grid: dx=20mm, dy=20mm**
**Configuration/ WCDMA band Ⅱ Mid Body-back/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5m;**

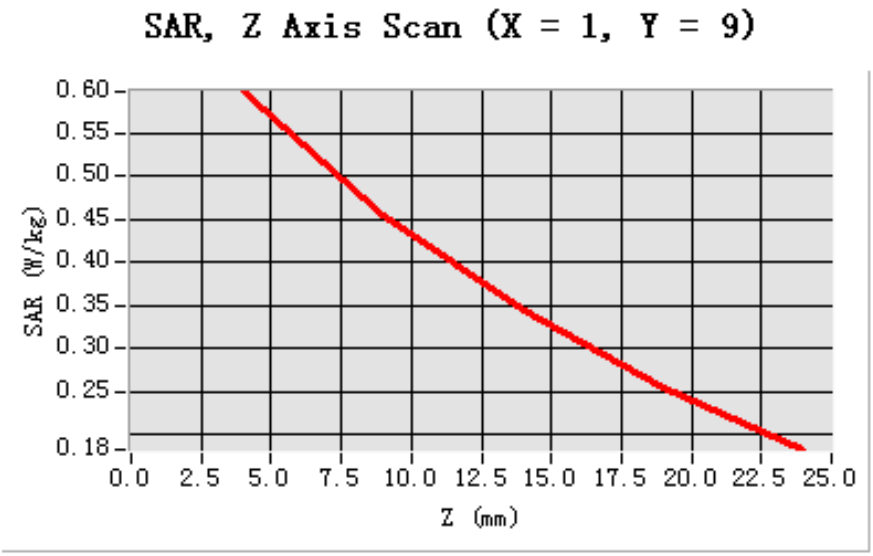
| | |
|---|---|
| **Area Scan** | surf_sam_plan.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Validation plane |
| **Device Position** | Body Back |
| **Band** | WCDMA band Ⅱ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

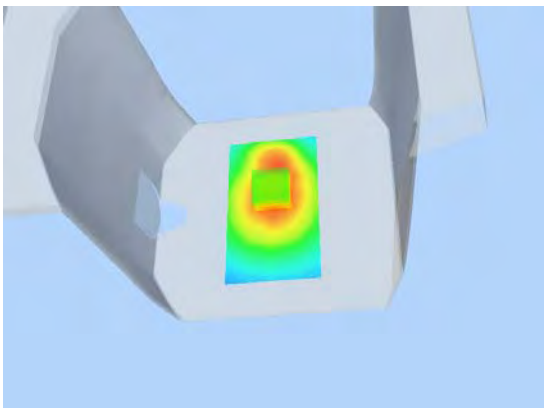
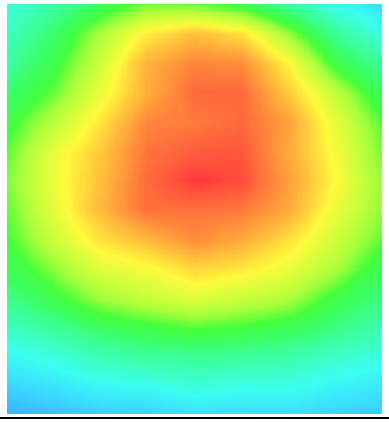
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=1.00, Y=9.00

| SAR 10g (W/Kg) | 0.462046 |
|---|---|
| SAR 1g (W/Kg) | 0.635459 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.5974 | 0.4568 | 0.3425 | 0.2538 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA band Ⅱ Mid-Body-towards phantom (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: Band Ⅱ UTRA/FDD ;Duty Cycle:1:1;Conv.F=6.42 Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; $\sigma$ =1.51 mho/m; $\varepsilon_r$ =53.36; $\rho$ = 1000 kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃):21, Liquid temperature (℃):21

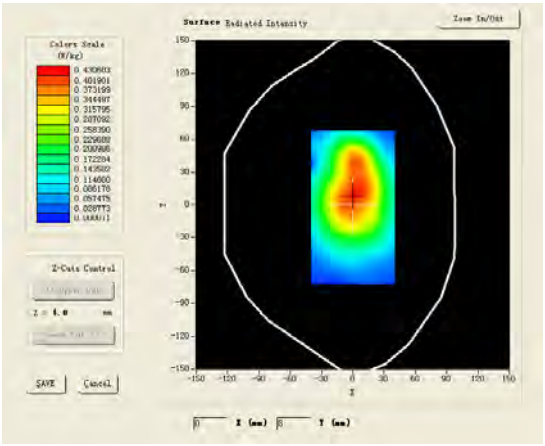
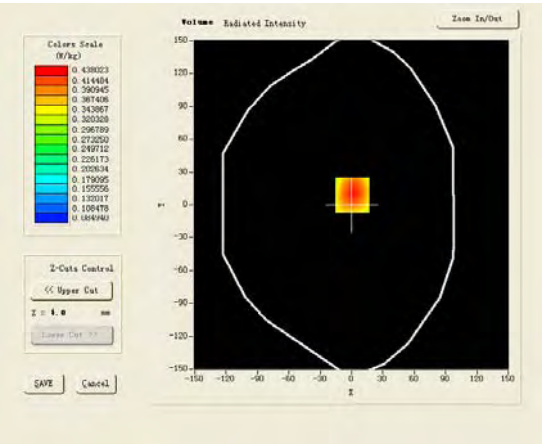
Satimo Configuration:

- Probe:SSE5; Calibrated: 12/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA band Ⅱ Mid Body-Front/Area Scan: Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA band Ⅱ Mid Body-Front/Zoom Scan: Measurement grid:** dx=8mm, dy=8mm, dz=5mm;

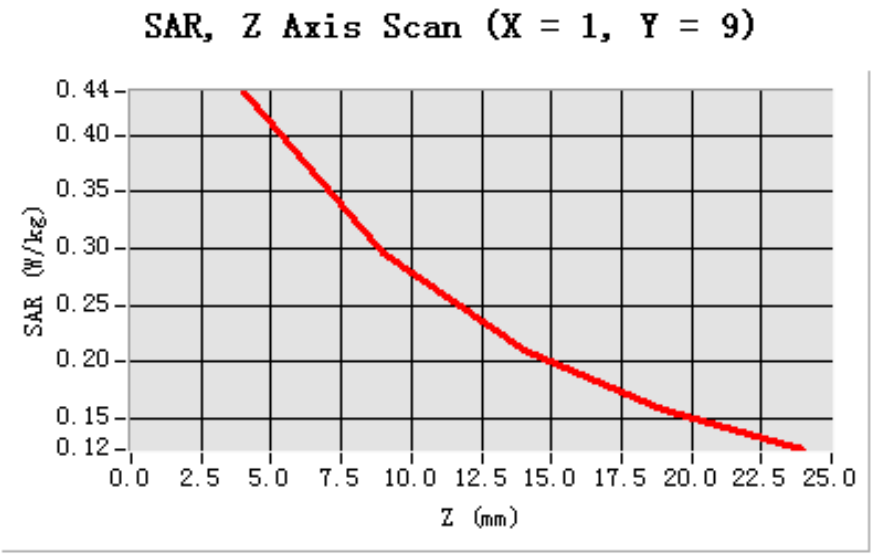
| | |
|---|---|
| **Area Scan** | surf_sam_plan.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Validation plane |
| **Device Position** | Body Front |
| **Band** | WCDMA band Ⅱ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

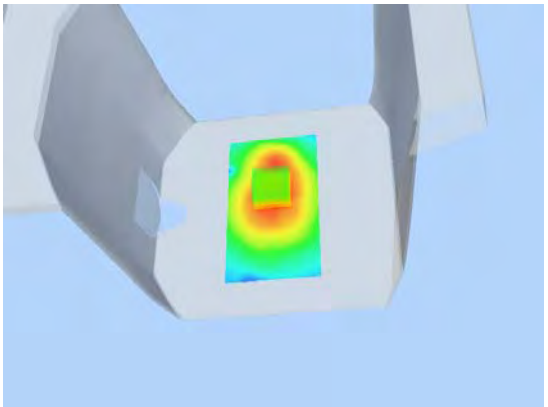
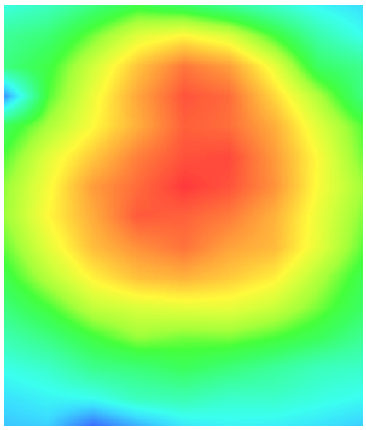
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=1.00, Y=9.00

| SAR 10g (W/Kg) | 0.307287 |
|---|---|
| SAR 1g (W/Kg) | 0.452764 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.4367 | 0.2948 | 0.2046 | 0.1563 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA band Ⅱ Mid-Body-towards ground (HSDPA)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: Band Ⅱ UTRA/FDD ;Duty Cycle:1:1; convF=6.42 Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; $\sigma$ =1.51 mho/m; $\varepsilon r$ =53.36; $\rho$ = 1000 kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃):21, Liquid temperature (℃):21

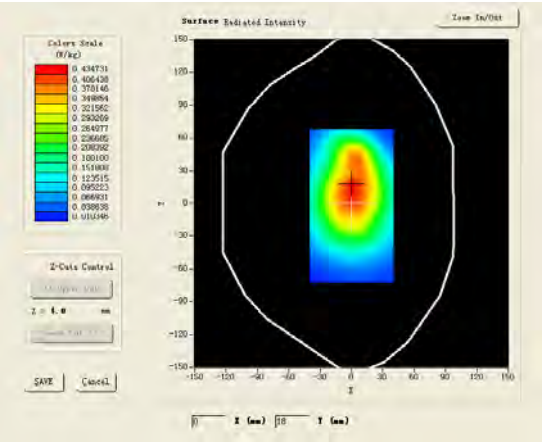
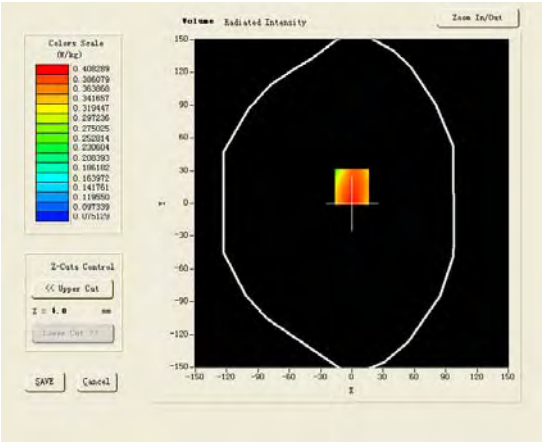
Satimo Configuration:

- Probe:SSE5; Calibrated: 12/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA band Ⅱ Mid Body-back/Area Scan: Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA band Ⅱ Mid Body-back/Zoom Scan: Measurement grid:** dx=8mm, dy=8mm, dz=5m;

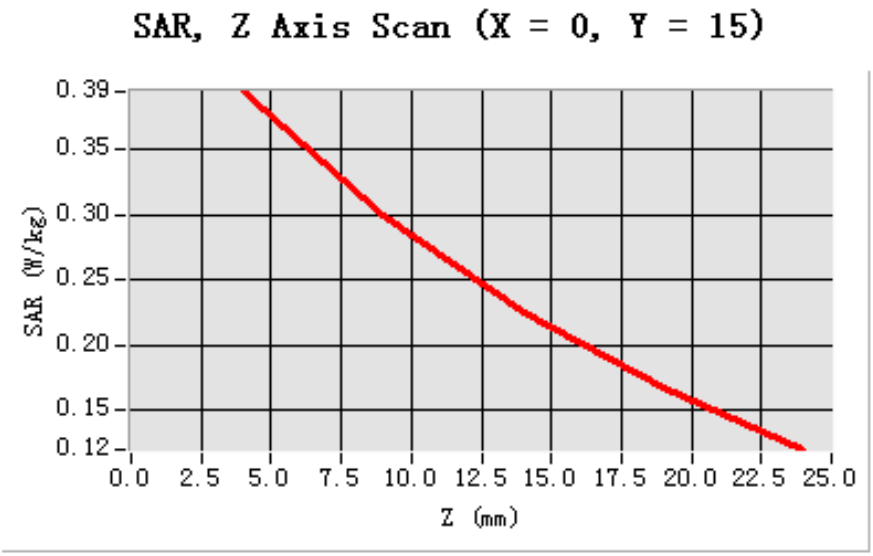
| | |
|---|---|
| **Area Scan** | surf_sam_plan.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Validation plane |
| **Device Position** | Body Back |
| **Band** | WCDMA band Ⅱ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

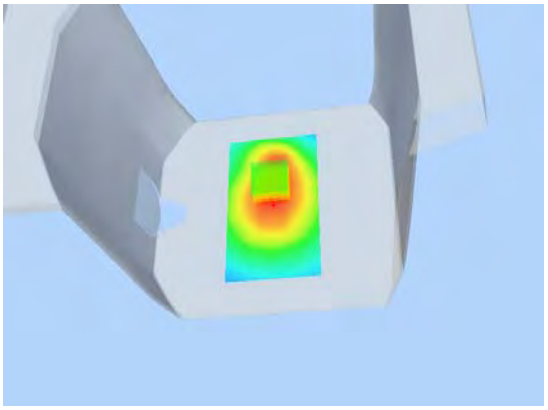
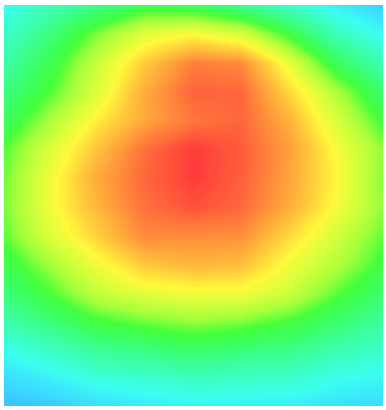
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=0.00, Y=15.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.302572 |
| **SAR 1g (W/Kg)** | 0.420374 |

| **Z (mm)** | **0.00** | **4.00** | **9.00** | **14.00** | **19.00** |
|---|---|---|---|---|---|
| **SAR (W/Kg)** | **0.0000** | **0.3945** | **0.2982** | **0.2256** | **0.1667** |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA band Ⅱ Mid-Body-towards ground (RMC with earphone)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: Band Ⅱ UTRA/FDD ;Duty Cycle:1:1; convF=6.42 Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; $\sigma$ =1.51 mho/m; $\varepsilon r$ =53.36; $\rho$ = 1000 kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃):21, Liquid temperature (℃):21

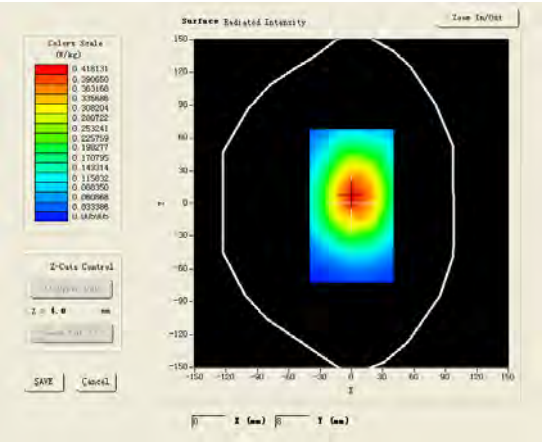
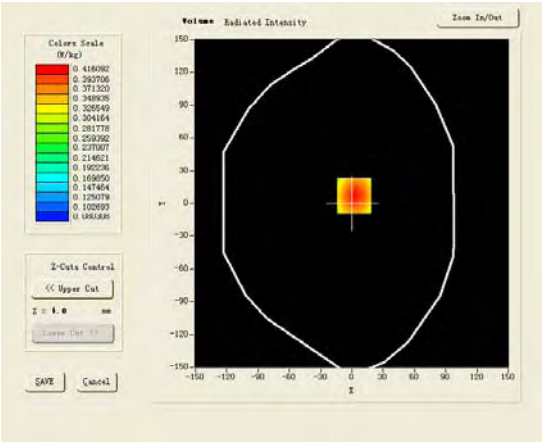
Satimo Configuration:

- Probe:SSE5; Calibrated: 12/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA band Ⅱ Mid Body-back/Area Scan: Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA band Ⅱ Mid Body-back/Zoom Scan: Measurement grid:** dx=8mm, dy=8mm, dz=5m;

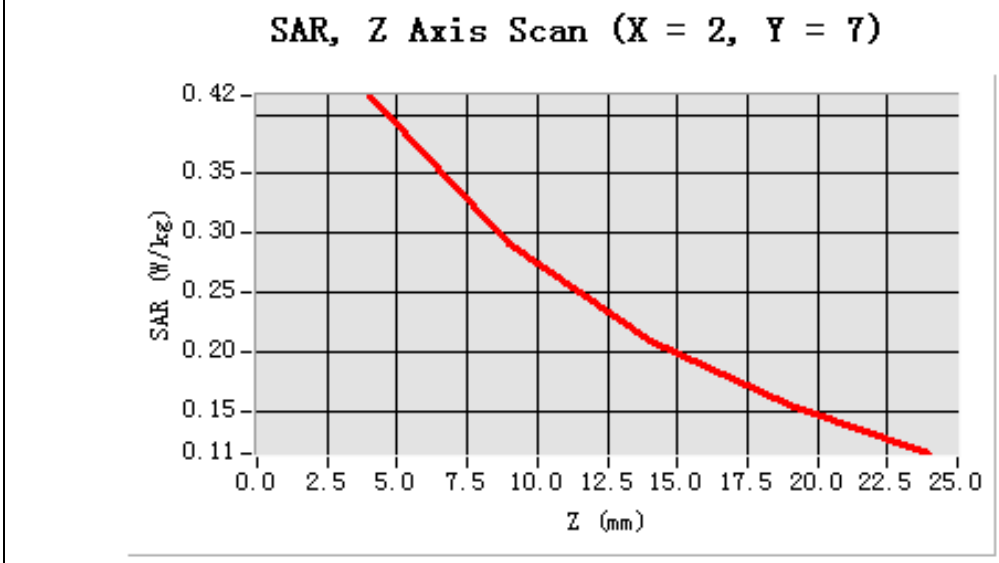
| | |
|---|---|
| **Area Scan** | surf_sam_plan.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Validation plane |
| **Device Position** | Body Back |
| **Band** | WCDMA band Ⅱ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

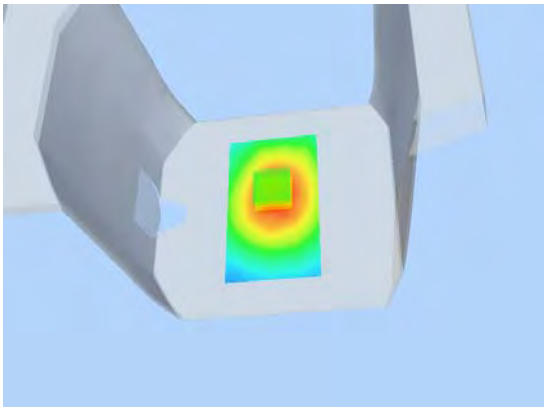
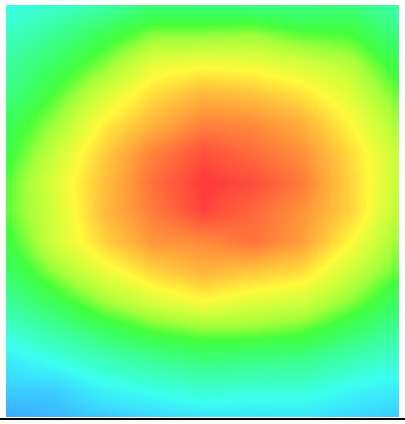
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=2.00, Y=7.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.294324 |
| **SAR 1g (W/Kg)** | 0.432758 |

| **Z (mm)** | **0.00** | **4.00** | **9.00** | **14.00** | **19.00** |
|---|---|---|---|---|---|
| **SAR (W/Kg)** | **0.0000** | **0.4134** | **0.2925** | **0.2086** | **0.1547** |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅴ Middle-touch-Left (RMC )**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: BAND Ⅴ UTRA/FDD ; DutyCycle:1: 1; Conv.F=6.79 Frequency: 835 MHz; Medium parameters used: f = 835 MHz; $\sigma$ =0.92 mho/m; $\varepsilon r$ =41.73; $\rho$ = 1000 kg/m³ ;

Phantom section: Left Section

Ambient temperature (℃): 21, Liquid temperature (℃): 21

Satimo Configuration:

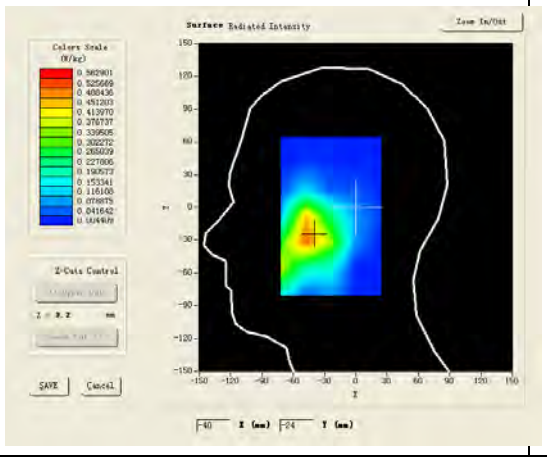
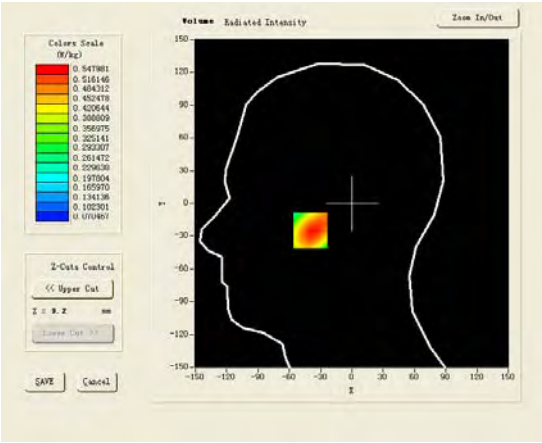
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA BandⅤMid Touch-Left/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm**

**Configuration/ WCDMA BandⅤMid Touch-Left/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm**

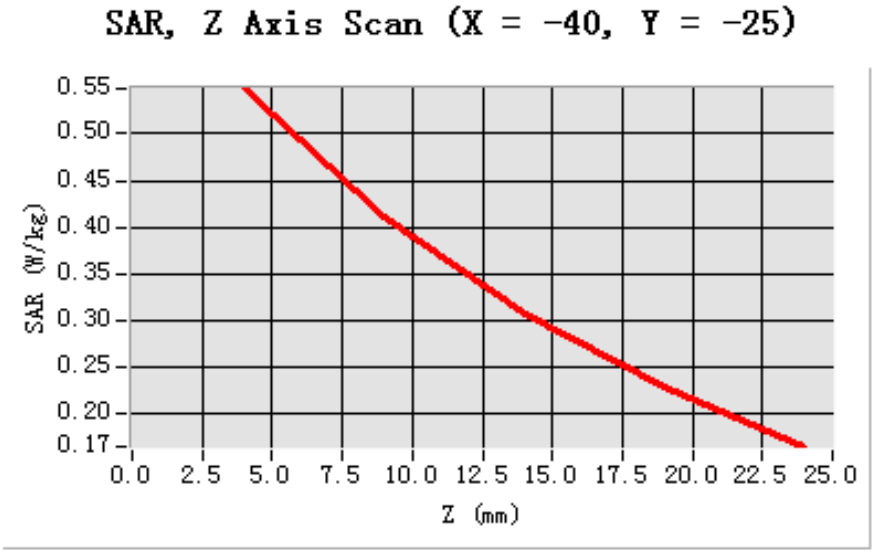
| | |
|---|---|
| **Area Scan** | sam_direct_droit2_surf8mm.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Left head |
| **Device Position** | Cheek |
| **Band** | WCDMA Band Ⅴ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

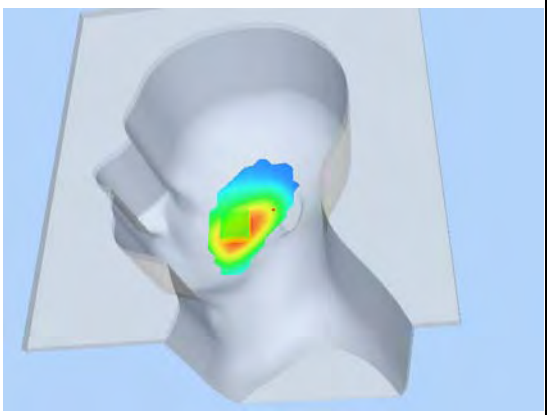
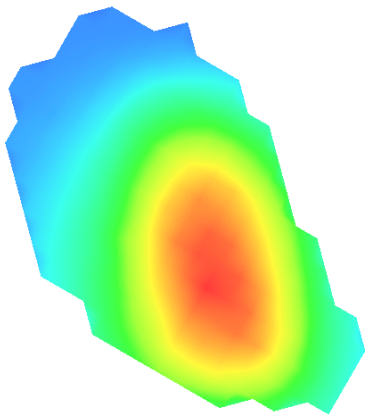
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=-40.00, Y=-25.00

| SAR 10g (W/Kg) | 0.367346 |
|---|---|
| SAR 1g (W/Kg) | 0.526278 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.5472 | 0.4126 | 0.3068 | 0.2281 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅴ Mid Tilt-left (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: BAND Ⅴ UTRA/FDD ; DutyCycle:1: 1; Conv.F=6.79 Frequency: 835 MHz; Medium parameters used: f = 835 MHz; $\sigma$ =0.92 mho/m; $\varepsilon r$ =41.73; $\rho$ = 1000 kg/m³ ;

Phantom section: Left Section

Ambient temperature (℃): 21, Liquid temperature (℃): 21

Satimo Configuration:

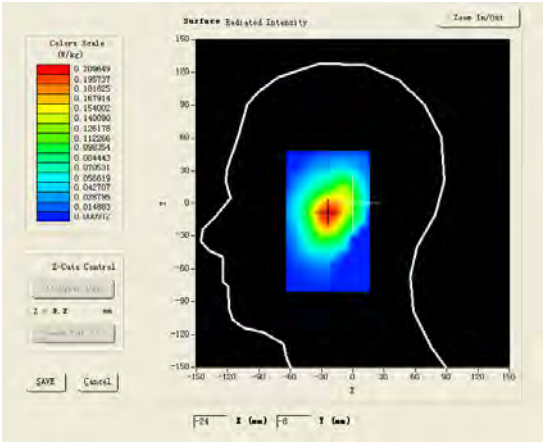
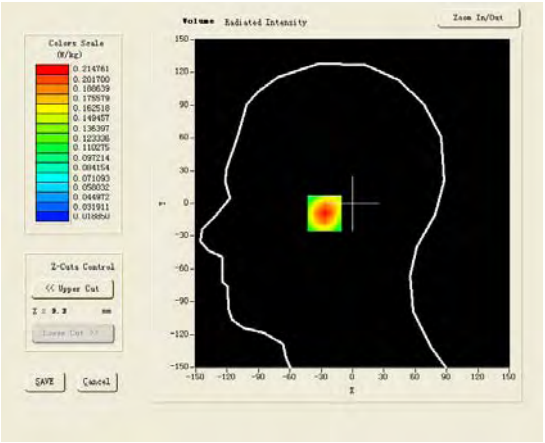
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA Band Ⅴ Mid Tilt-Left/Area Scan (6x8x1):** Measurement grid: dx=20mm, dy=20mm

**Configuration/ WCDMA Band Ⅴ Mid Tilt-Left/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm;

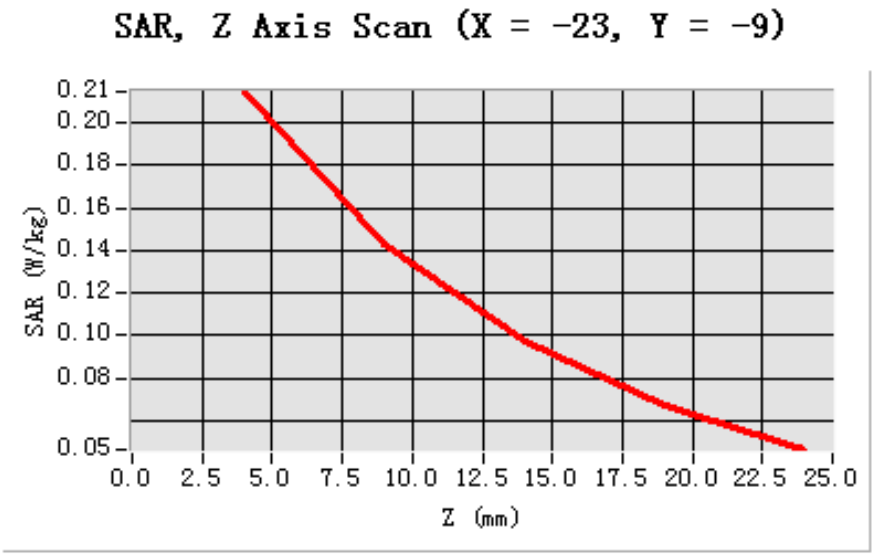
| | |
|---|---|
| **Area Scan** | sam_direct_droit2_surf8mm.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Left head |
| **Device Position** | Tilt |
| **Band** | WCDMA Band Ⅴ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

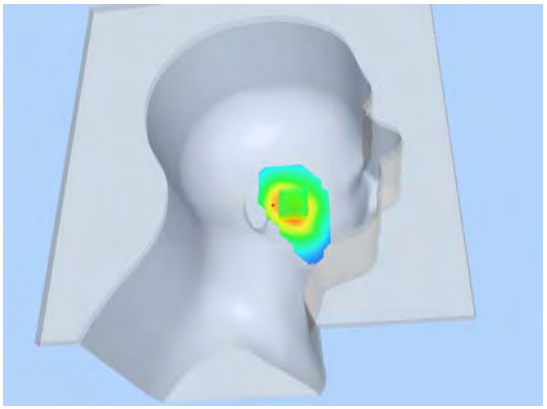
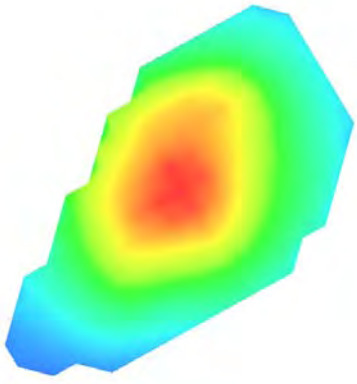
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=-23.00, Y=-9.00

| SAR 10g (W/Kg) | 0.125775 |
|---|---|
| SAR 1g (W/Kg) | 0.200573 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.2135 | 0.1446 | 0.0982 | 0.0676 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅴ Middle touch-Right (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: BAND Ⅴ UTRA/FDD ; DutyCycle:1: 1; Conv.F=6.79 Frequency: 835 MHz; Medium parameters used: f = 835 MHz; $\sigma$ =0.92 mho/m; $\varepsilon r$ =41.73; $\rho$ = 1000 kg/m³ ;

Phantom section: Right Section

Ambient temperature (℃): 21, Liquid temperature (℃): 21

Satimo Configuration:

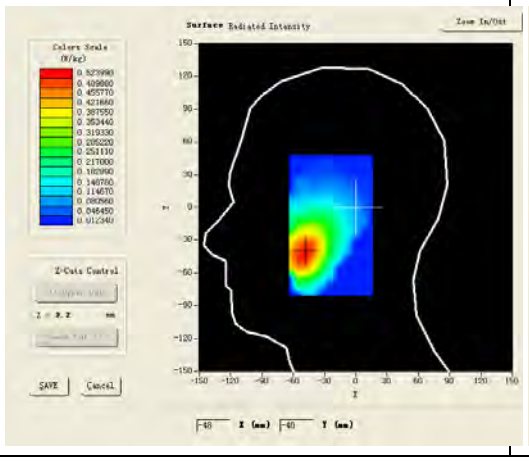
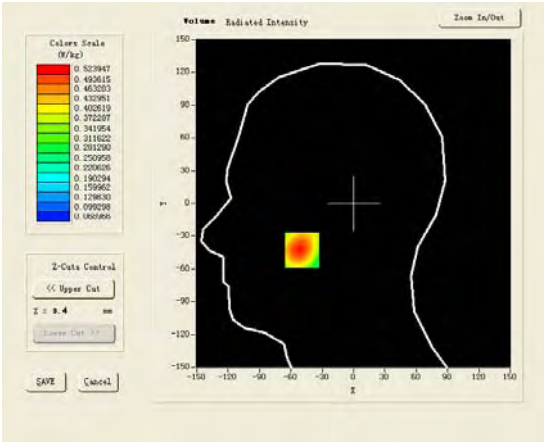
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA Band Ⅴ Mid Touch-Right/Area Scan: Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA Band Ⅴ Mid Touch-Right/Zoom Scan: Measurement grid:** dx=8mm, dy=8mm, dz=5mm;

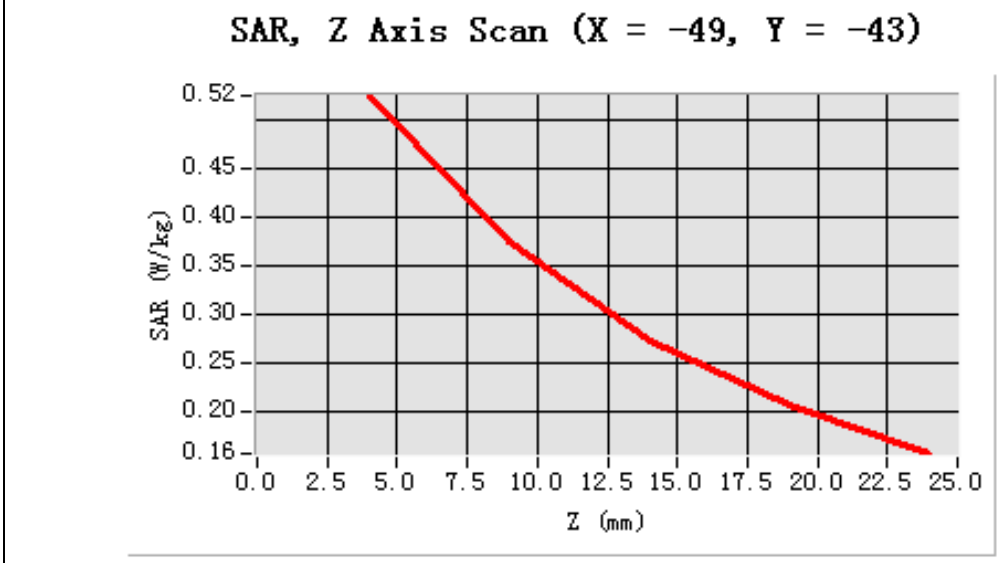
| | |
|---|---|
| **Area Scan** | sam_direct_droit2_surf8mm.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Right head |
| **Device Position** | Cheek |
| **Band** | WCDMA Band Ⅴ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

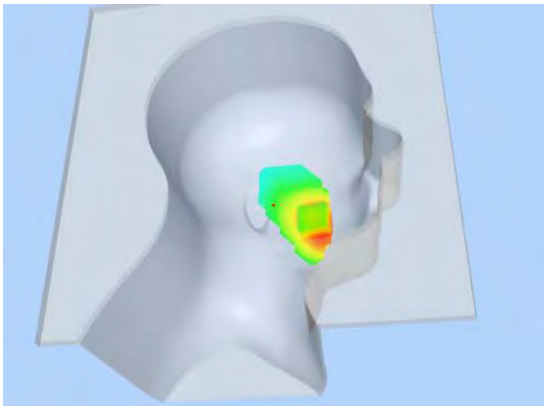
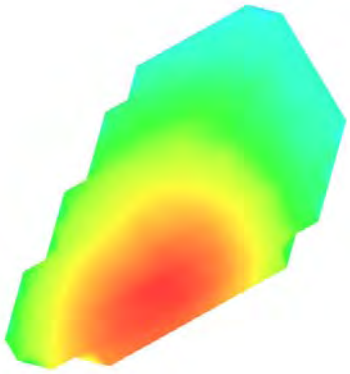
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=-49.00, Y=-43.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.342836 |
| **SAR 1g (W/Kg)** | 0.501747 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.5242 | 0.3745 | 0.2745 | 0.2078 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅴ Mid-tilt-Right (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: BAND Ⅴ UTRA/FDD ; DutyCycle:1: 1; Conv.F=6.79 Frequency: 835 MHz; Medium parameters used: f = 835 MHz; $\sigma$ =0.92 mho/m; $\varepsilon r$ =41.73; $\rho$ = 1000 kg/m³ ;

Phantom section: Right Section

Ambient temperature (℃): 21, Liquid temperature (℃): 21

Satimo Configuration:

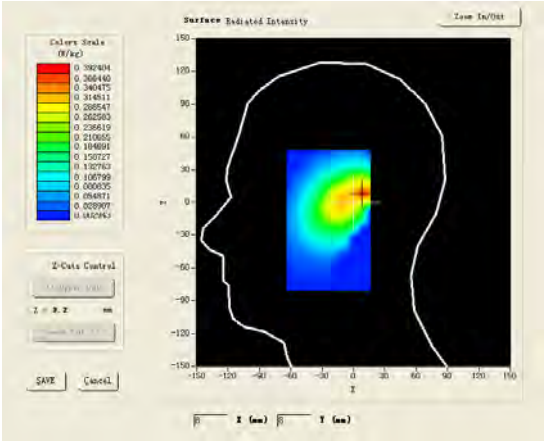
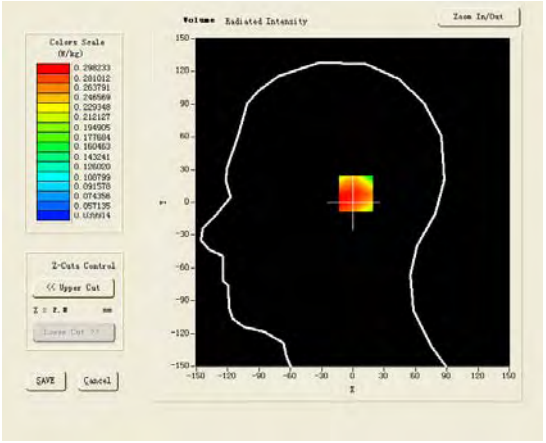
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA Band Ⅴ Mid Tilt-Right/Area Scan: Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA Band Ⅴ Mid Tilt-Right/Zoom Scan: Measurement grid:** dx=8mm, dy=8mm, dz=5mm;

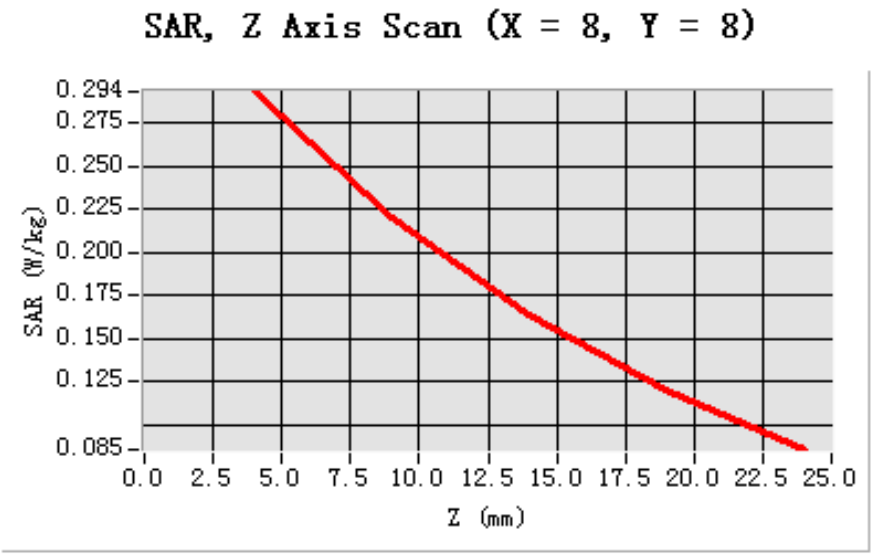
| | |
|---|---|
| **Area Scan** | sam_direct_droit2_surf8mm.txt |
| **Zoom Scan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Right head |
| **Device Position** | Tilt |
| **Band** | WCDMA Band Ⅴ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

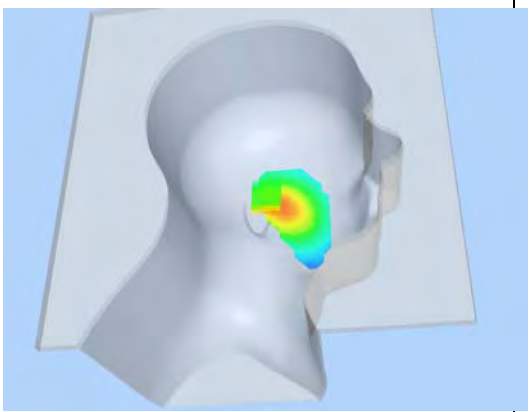
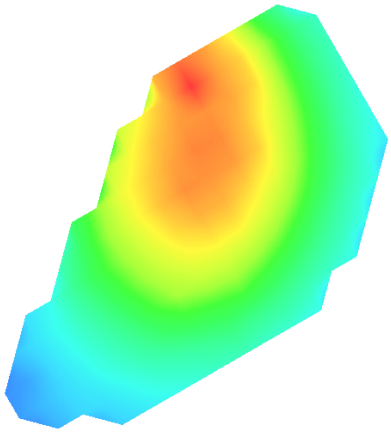
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=8.00, Y=8.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.205537 |
| **SAR 1g (W/Kg)** | 0.287158 |

| **Z (mm)** | **0.00** | **4.00** | **9.00** | **14.00** | **19.00** |
|---|---|---|---|---|---|
| **SAR (W/Kg)** | **0.0000** | **0.2945** | **0.2172** | **0.1646** | **0.1258** |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅴ Mid-Body-Towards Grounds (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: BAND Ⅴ UTRA/FDD; DutyCycle:1: 1; Conv.F=6.79 Frequency: 835 MHz; Medium parameters used: f = 835 MHz; $\sigma$ =1.01 mho/m; $\varepsilon r$ =55.13; $\rho$= 1000 kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃):21, Liquid temperature (℃):21

Satimo Configuration:

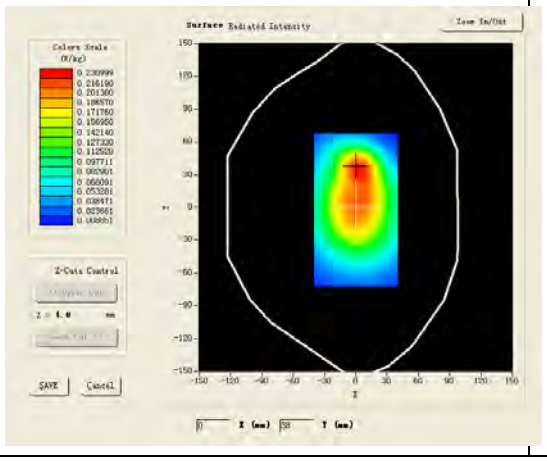
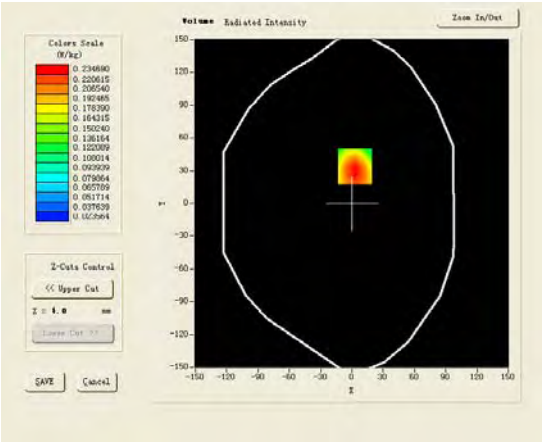
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA Band Ⅴ Mid Body-Front/Area Scan (6x8x1): Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA Band Ⅴ Mid Body-Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid:** dx=8mm,dy=8mm, dz=5mm;

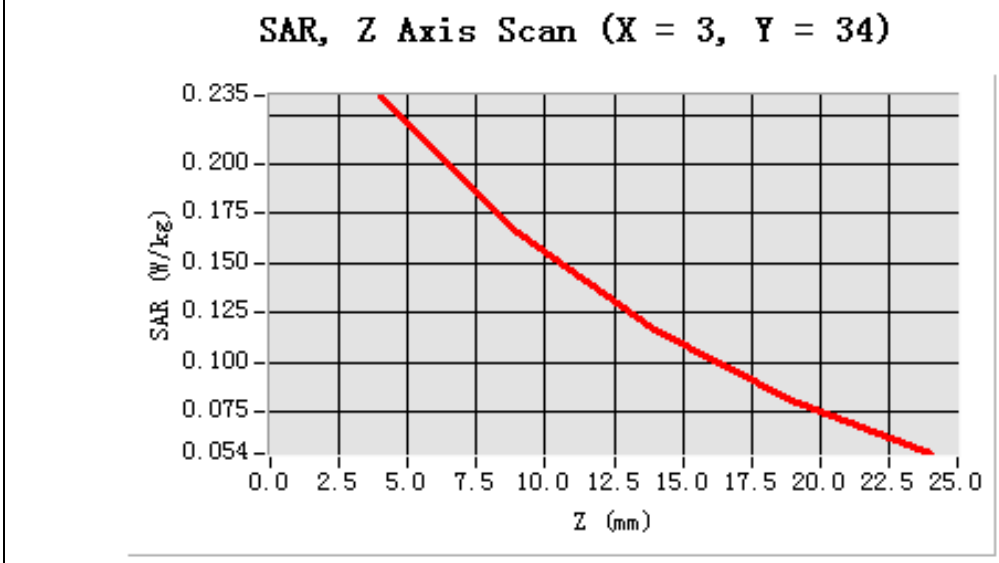
| | |
|---|---|
| **Area Scan** | surf_sam_plan.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Validation plane |
| **Device Position** | Body Back |
| **Band** | WCDMA Band Ⅴ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

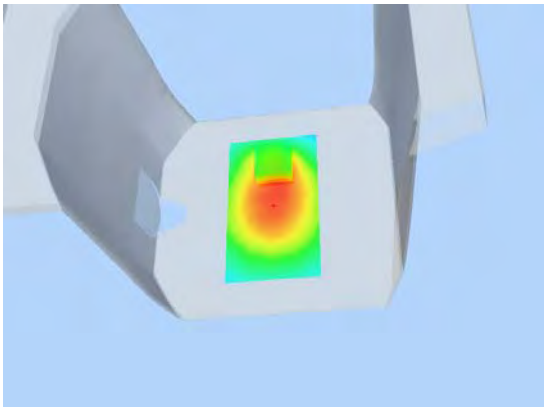
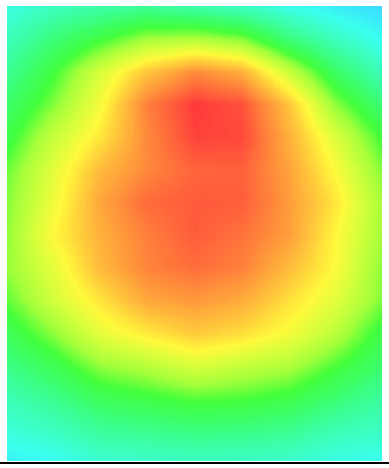
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=3.00, Y=34.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.160237 |
| **SAR 1g (W/Kg)** | 0.245946 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|---|---|---|---|---|---|
| SAR (W/Kg) | 0.0000 | 0.2363 | 0.1664 | 0.1168 | 0.0827 |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅴ Mid-body- Towards Phantom (RMC)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: BAND Ⅴ UTRA/FDD ; DutyCycle:1: 1; Conv.F=6.79 Frequency: 835 MHz; Medium parameters used: f = 835 MHz;$\sigma$ =1.01 mho/m; $\varepsilon_r$ =55.13; $\rho$ = 1000kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃):21, Liquid temperature (℃):21

Satimo Configuration:

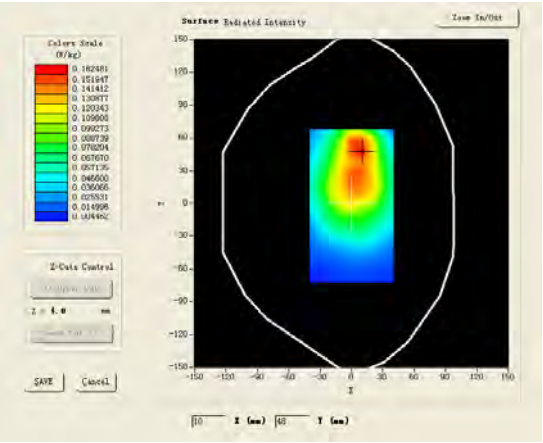
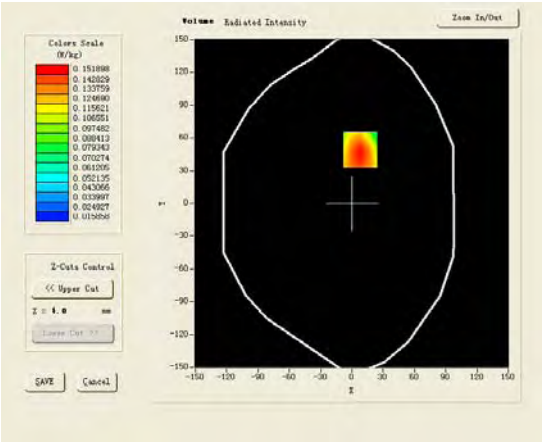
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA Band Ⅴ Mid Body- Back /Area Scan (6x8x1): Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA Band Ⅴ Mid Body- Back /Zoom Scan (5x5x7)/Cube 0: Measurement grid:** dx=8mm,dy=8mm, dz=5mm;

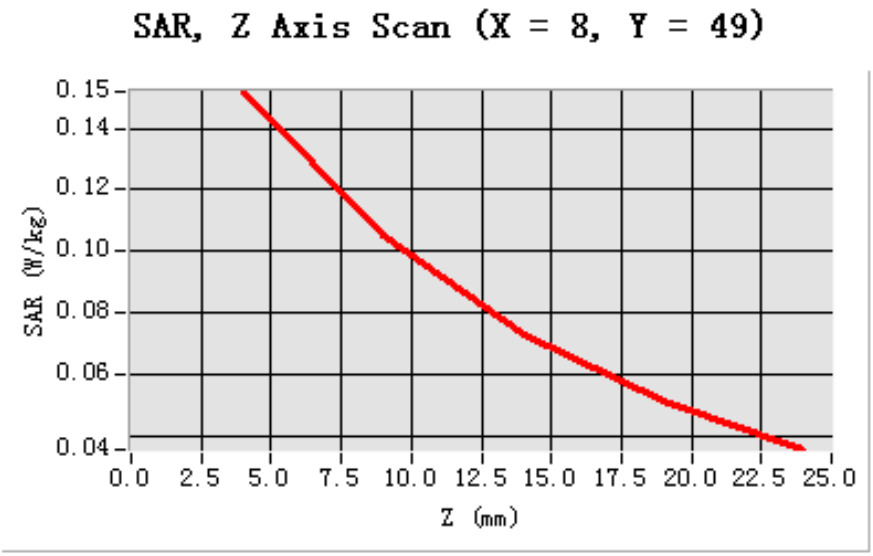
| | |
|---|---|
| **Area Scan** | surf_sam_plan.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Validation plane |
| **Device Position** | Body Front |
| **Band** | WCDMA Band Ⅴ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

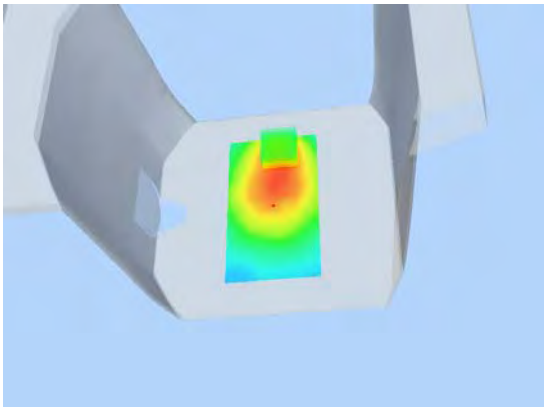
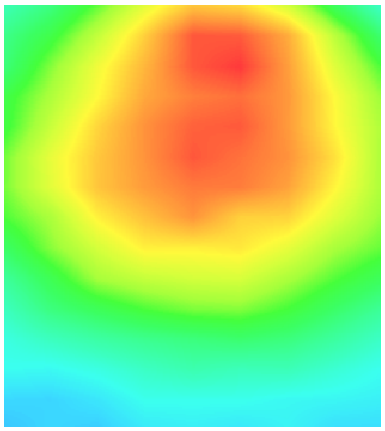
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=8.00, Y=49.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.104039 |
| **SAR 1g (W/Kg)** | 0.157382 |

| **Z (mm)** | **0.00** | **4.00** | **9.00** | **14.00** | **19.00** |
|---|---|---|---|---|---|
| **SAR (W/Kg)** | **0.0000** | **0.1525** | **0.1043** | **0.0763** | **0.0520** |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅴ Mid-body- Towards Grounds(HSPA)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: BAND Ⅴ UTRA/FDD ; DutyCycle:1: 1; Conv.F=6.79 Frequency: 835 MHz; Medium parameters used: f = 835 MHz;σ =1.01 mho/m; εr =55.13; ρ = 1000kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃):21, Liquid temperature (℃):21

Satimo Configuration:

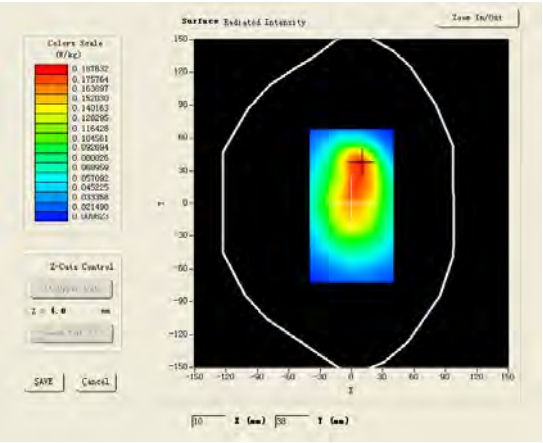
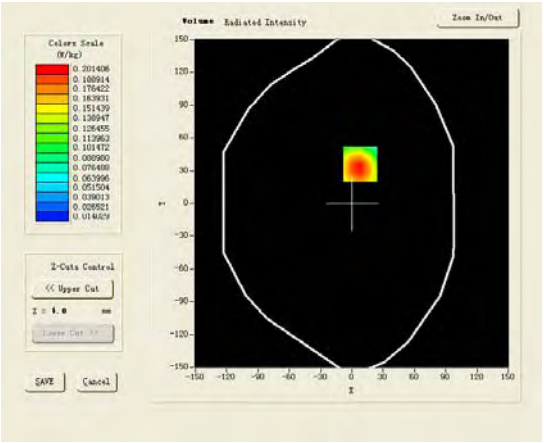
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA BandⅤMid Body- Back /Area Scan (6x8x1): Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA BandⅤMid Body- Back /Zoom Scan (5x5x7)/Cube 0: Measurement grid:** dx=8mm,dy=8mm, dz=5mm;

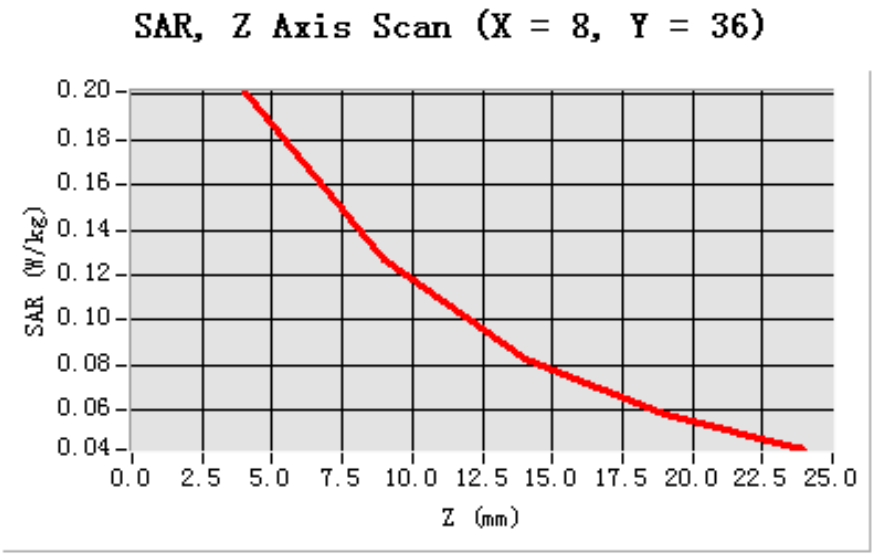
| | |
|---|---|
| **Area Scan** | surf_sam_plan.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Validation plane |
| **Device Position** | Body Back |
| **Band** | WCDMA Band Ⅴ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

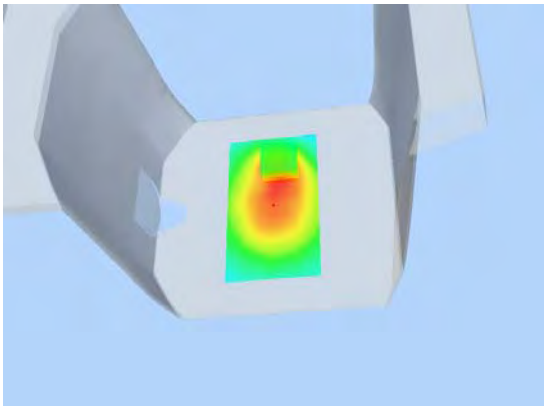
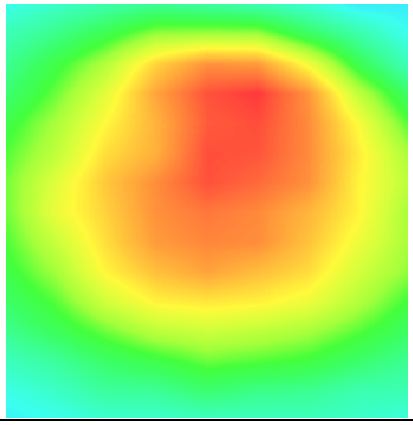
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=8.00, Y=36.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.127567 |
| **SAR 1g (W/Kg)** | 0.213575 |

| **Z (mm)** | **0.00** | **4.00** | **9.00** | **14.00** | **19.00** |
|---|---|---|---|---|---|
| **SAR (W/Kg)** | **0.0000** | **0.2014** | **0.1266** | **0.0830** | **0.0585** |




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

**Test Laboratory: AGC Lab** **Date: Sep.24,2012**

**WCDMA Band Ⅴ Mid-body- Towards Grounds(with earphone)( HSPA)**

**DUT:Mobile Phone; Type: AM62**

Communication System: UMTS; Communication System Band: BAND Ⅴ UTRA/FDD ; DutyCycle:1: 1; Conv.F=6.79 Frequency: 835 MHz; Medium parameters used: f = 835 MHz;σ =1.01 mho/m; εr =55.13; ρ = 1000kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃):21, Liquid temperature (℃):21

Satimo Configuration:

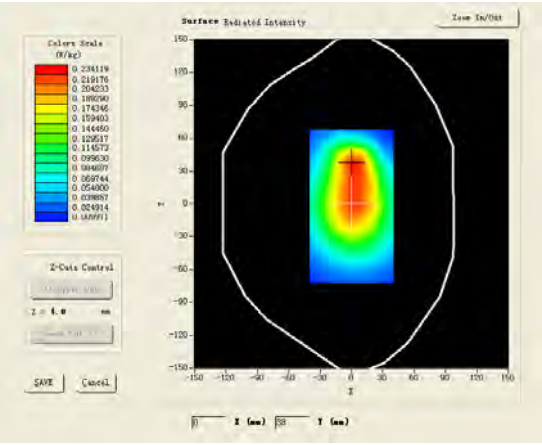
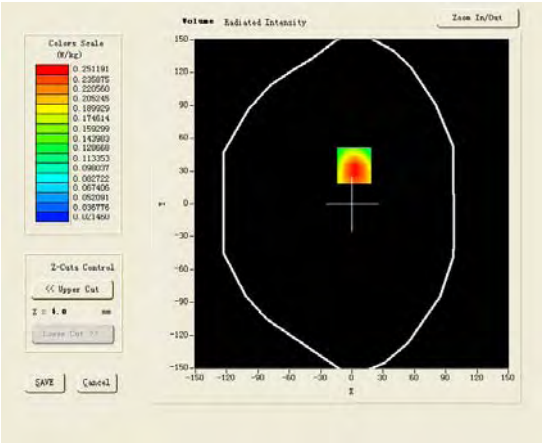
Probe:SSE5; Calibrated: 12/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

**Configuration/ WCDMA BandⅤMid Body- Back /Area Scan (6x8x1): Measurement grid:** dx=20mm, dy=20mm

**Configuration/ WCDMA BandⅤMid Body- Back /Zoom Scan (5x5x7)/Cube 0: Measurement grid:** dx=8mm,dy=8mm, dz=5mm;

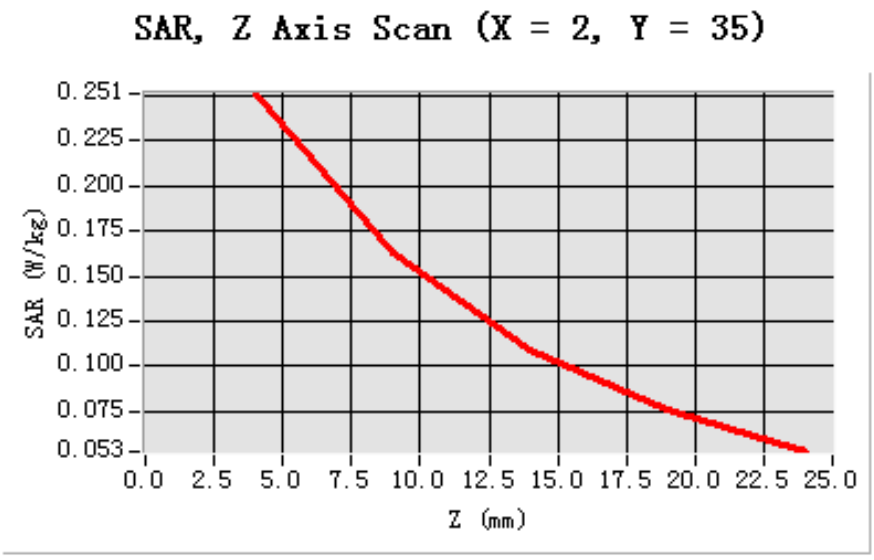
| | |
|---|---|
| **Area Scan** | surf_sam_plan.txt |
| **ZoomScan** | 5x5x7,dx=8mm dy=8mm dz=5mm,Very fast |
| **Phantom** | Validation plane |
| **Device Position** | Body Back |
| **Band** | WCDMA Band Ⅴ |
| **Channels** | Middle |
| **Signal** | TDMA (Crest factor: 1.0) |

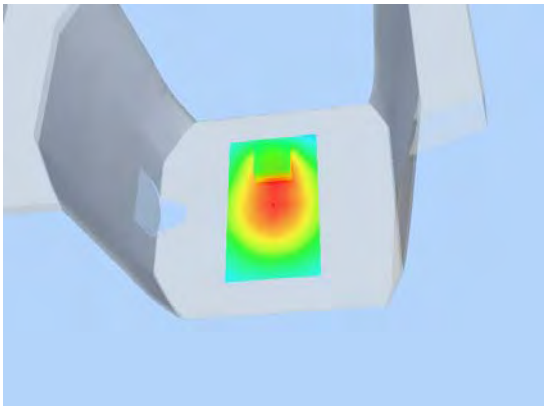
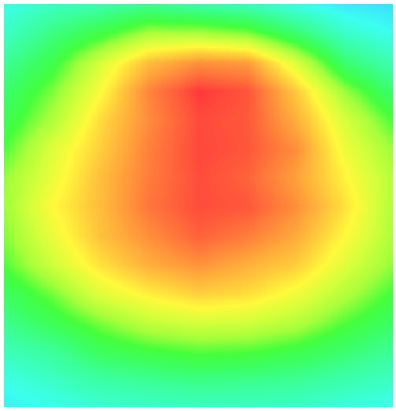
| SURFACE SAR | VOLUME SAR |
|---|---|
|  |  |

## Maximum location: X=2.00, Y=35.00

| | |
|---|---|
| **SAR 10g (W/Kg)** | 0.167286 |
| **SAR 1g (W/Kg)** | 0.262876 |

| **Z (mm)** | **0.00** | **4.00** | **9.00** | **14.00** | **19.00** |
|---|---|---|---|---|---|
| **SAR (W/Kg)** | **0.0000** | **0.2515** | **0.1653** | **0.1092** | **0.0770** |

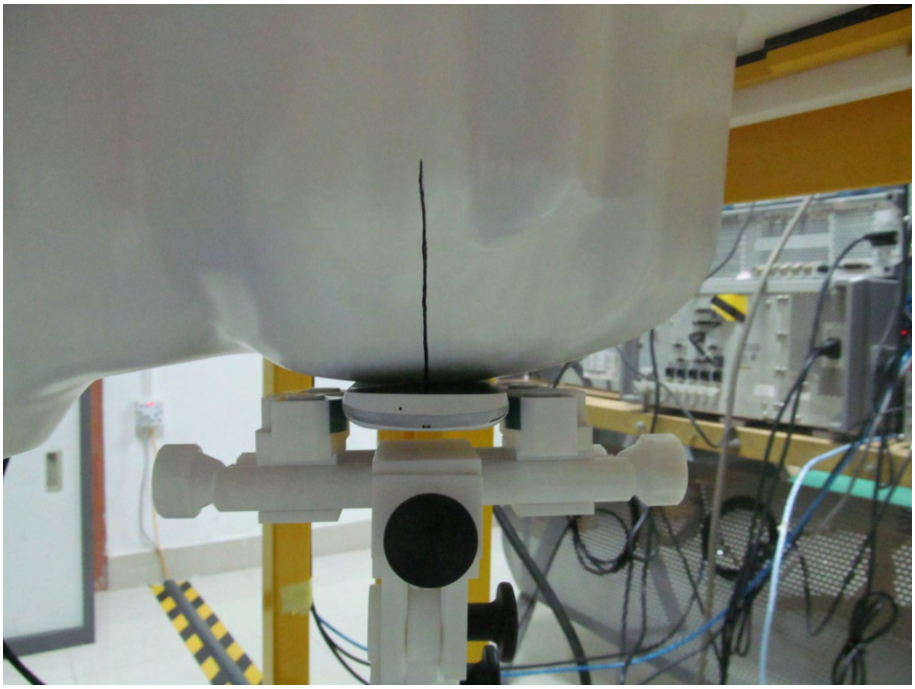



| **3D screen shot** | **Hot spot position** |
|---|---|
|  |  |

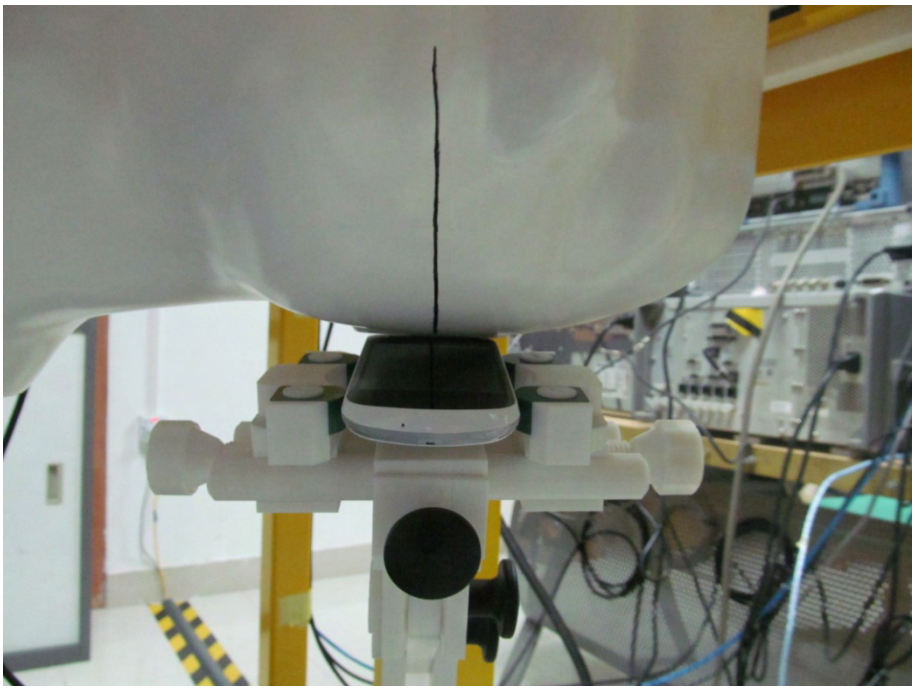
# Appendix C. TEST SETUP PHOTOGRAPHS &EUT PHOTOGRAPS

## Test Setup Photographs

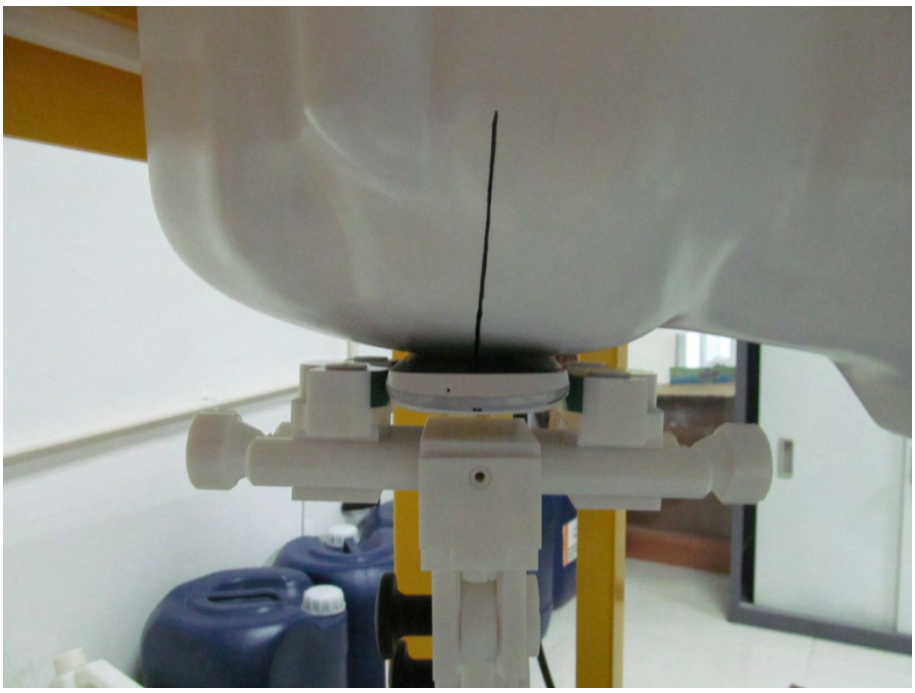
LEFT-CHECK TOUCH



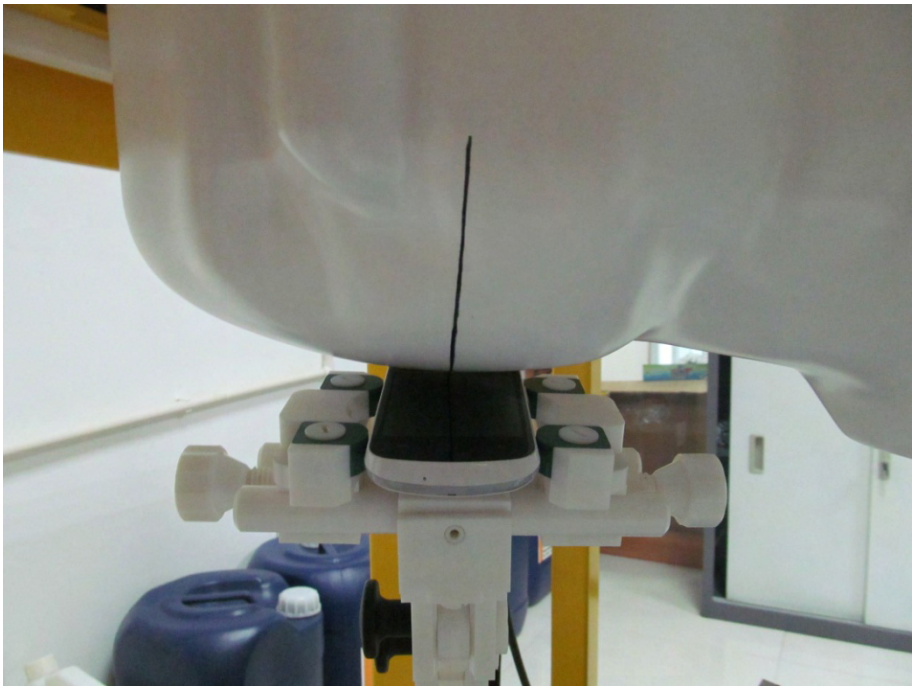
LEFT-TILT $15^0$



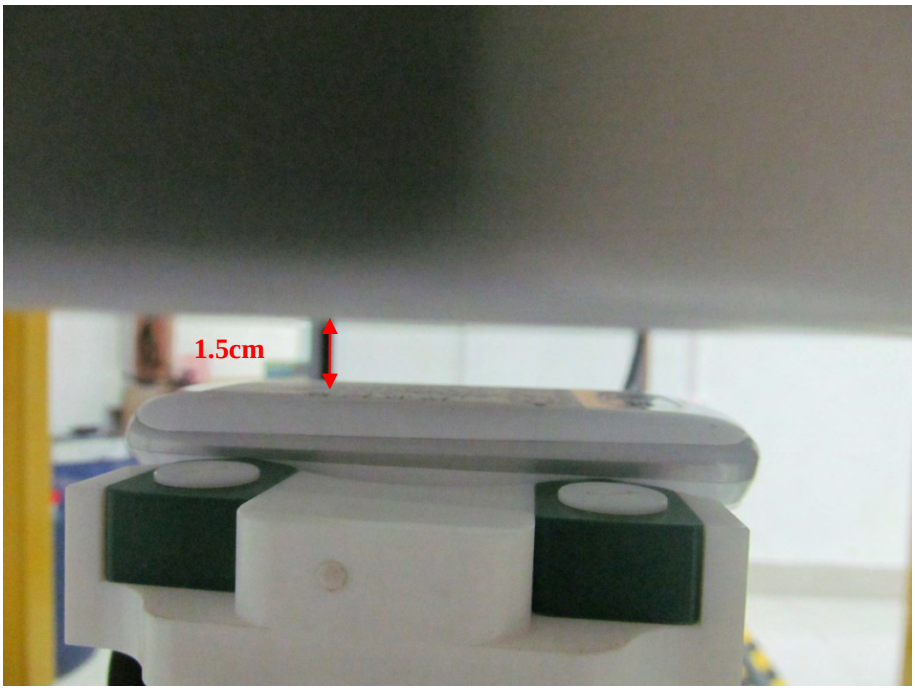
RIGHT-CHECK TOUCH



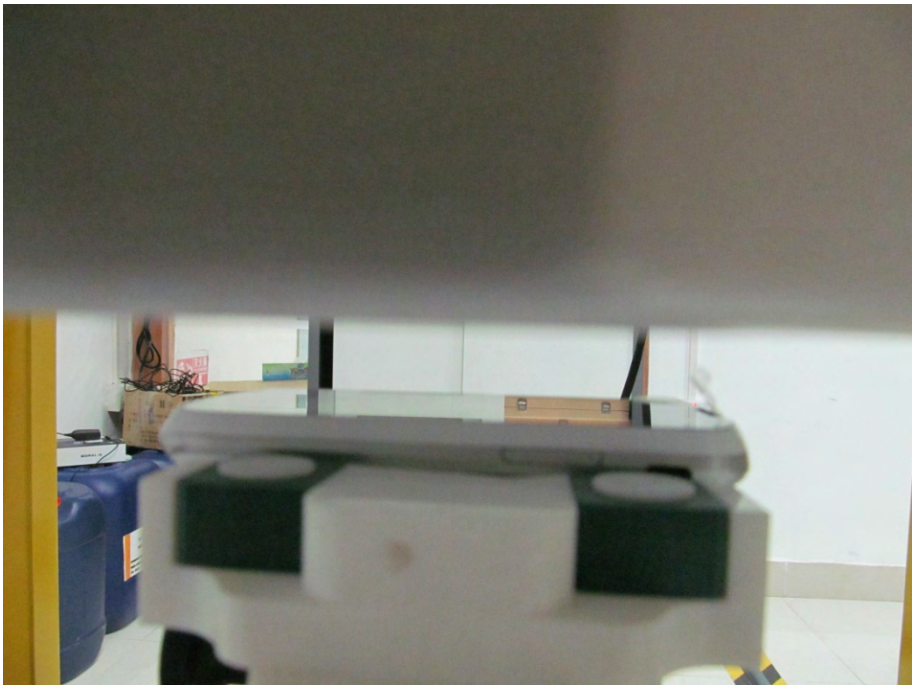
RIGHT-TILT $15^0$



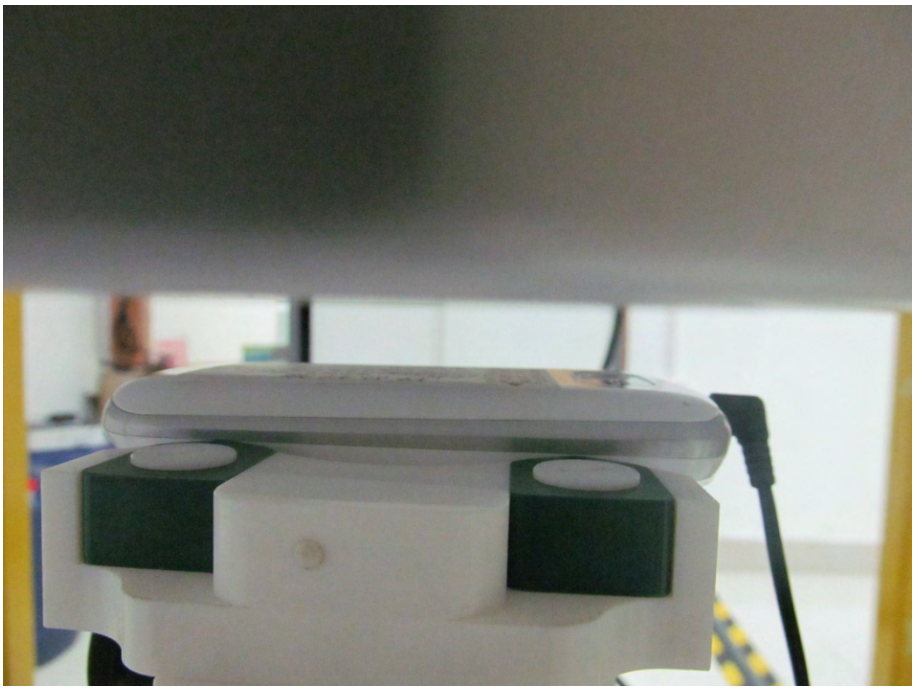
Body Back15mm




Body Front15mm



Body back with Headset



## DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

Note：The position used in the measurement were according to IEEE 1528-2003

# EUT PHOTOGRAPS

TOP VIEW OF EUT

BOTTOM VIEW OF EUT

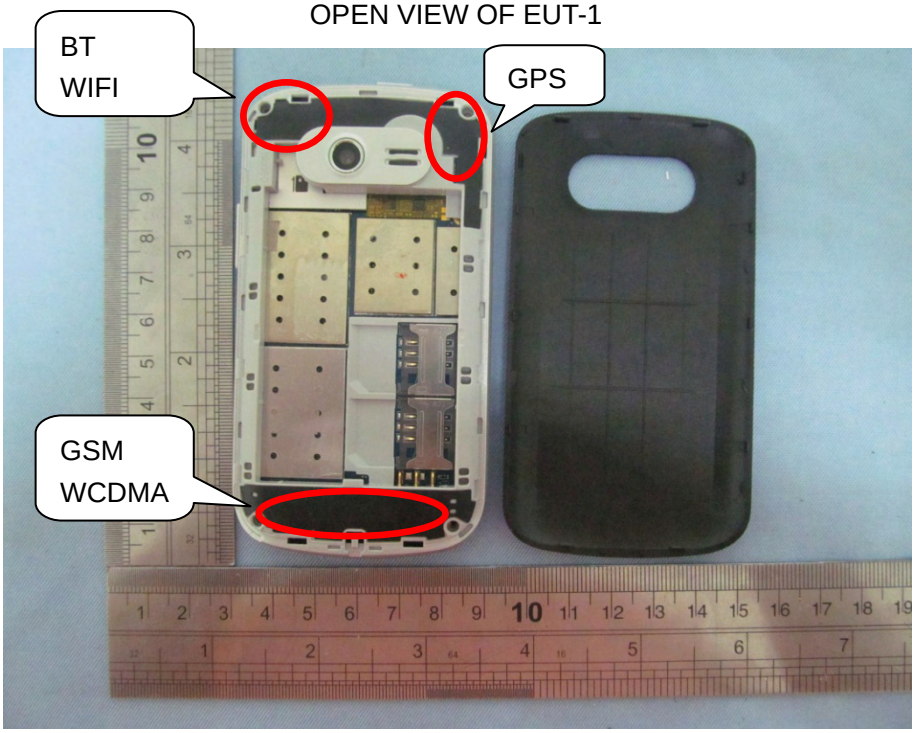
FRONT VIEW OF EUT

BACK VIEW OF EUT

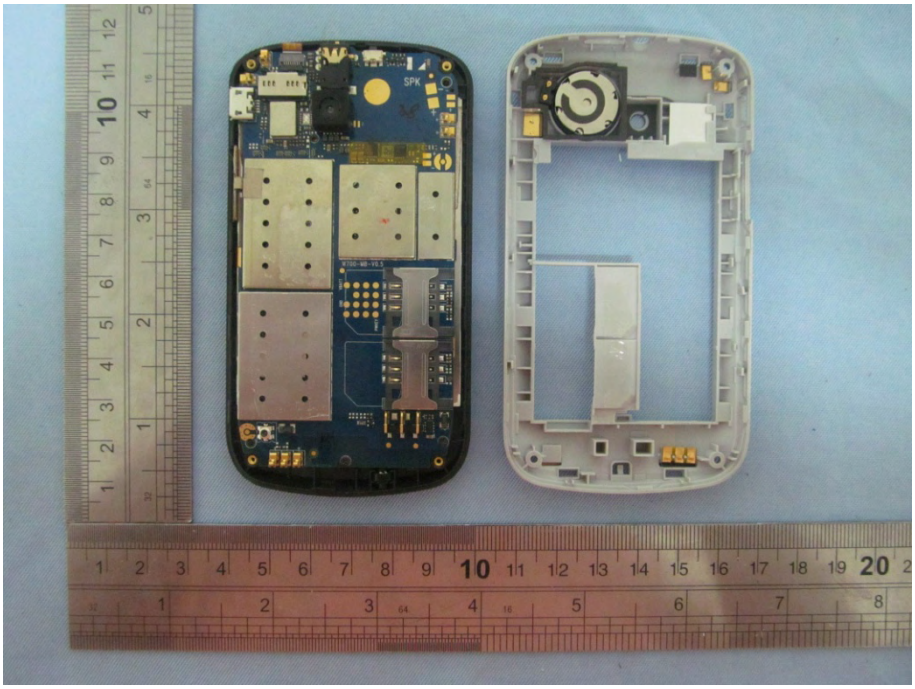
LEFT VIEW OF EUT

RIGHT VIEW OF EUT

OPEN VIEW OF EUT-1

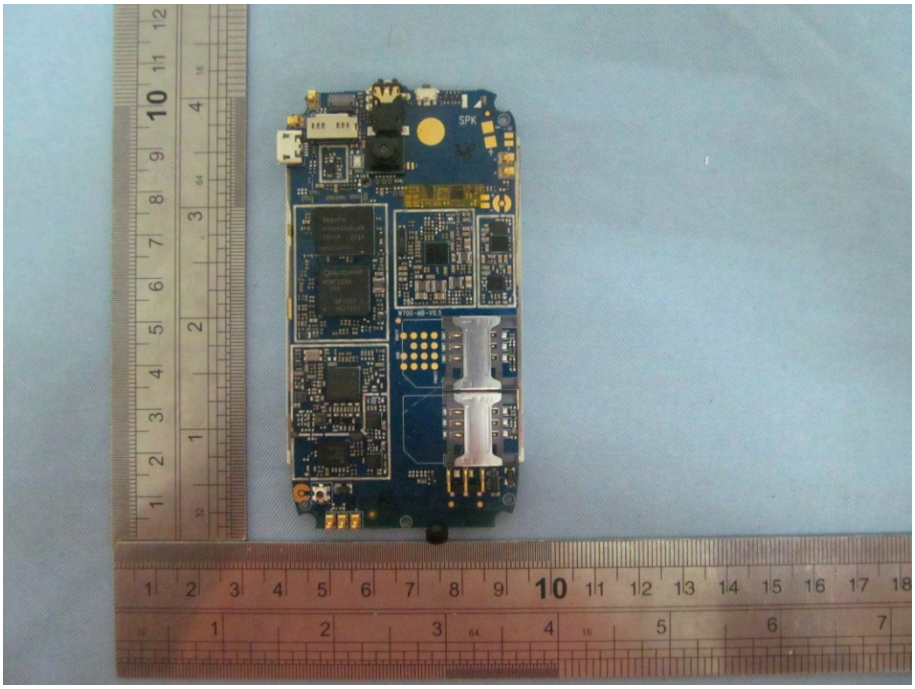



OPEN VIEW OF EUT-2



OPEN VIEW OF EUT-3

INTERNAL VIEW OF EUT-1



INTERNAL VIEW OF EUT-2