Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

GSM 850 Low- Touch-Right<SIM 1>

DUT: mobile phone ; Type: AM203

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;

Conv.F=6.79;Frequency: 824.2 MHz; Medium parameters used: f = 835 MHz; σ = 0.99 mho/m;

εr = 41.37;ρ = 1000 kg/m³ ;

Phantom section: Right Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GSM850 Low Touch-Right/Area Scan: Measurement grid: dx=20mm, dy=20mm
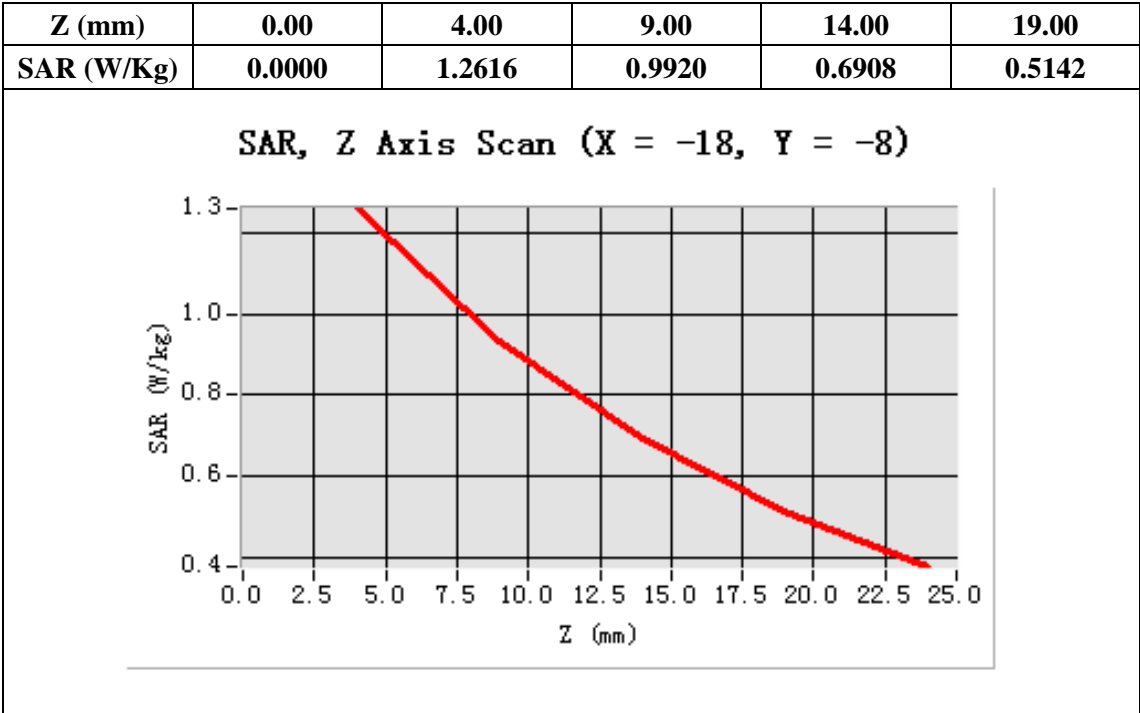
Configuration/GSM850 Low Touch-Right/Zoom Scan: Measurement grid: dx=8mm,

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	GSM850
Channels	Low
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
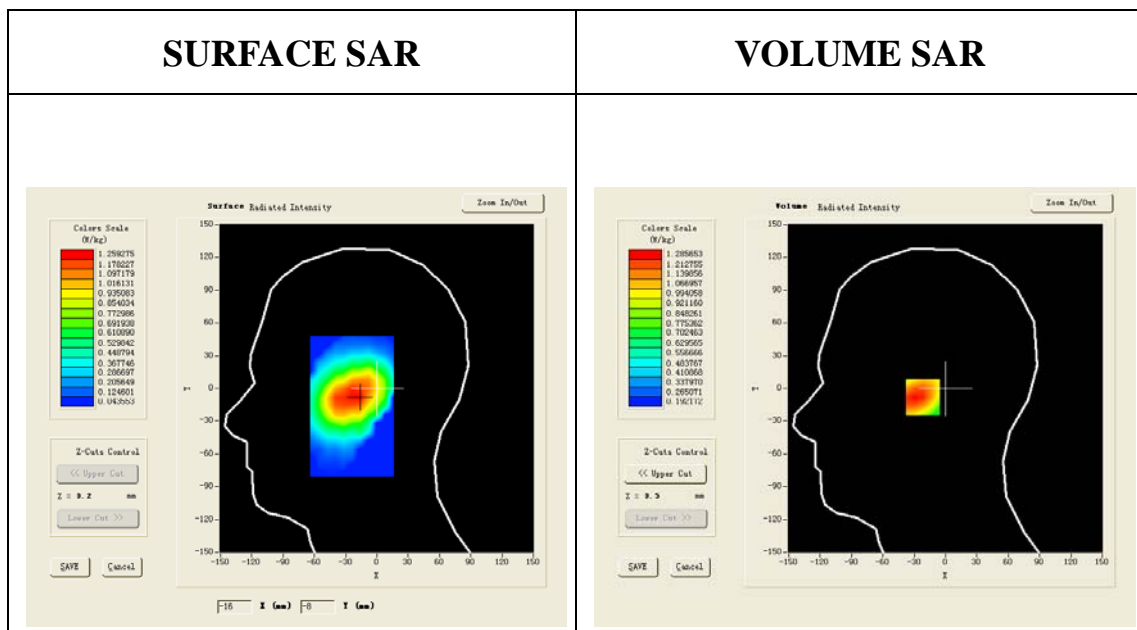
Maximum location: X=-18.00, Y=-8.00

SAR 10g (W/Kg)	0.865376
SAR 1g (W/Kg)	1.232825

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	1.2616	0.9920	0.6908	0.5142

3D screen shot	Hot spot position

Test Laboratory: AGC Lab **Date: Aug. 11,2012**

GSM 850 Middle- Touch-Right<SIM 1>

DUT: mobile phone ; Type: AM203

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;

Conv.F=6.79;Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ = 0.99 mho/m;

εr = 41.37;ρ = 1000 kg/m³ ;

Phantom section: Right Section

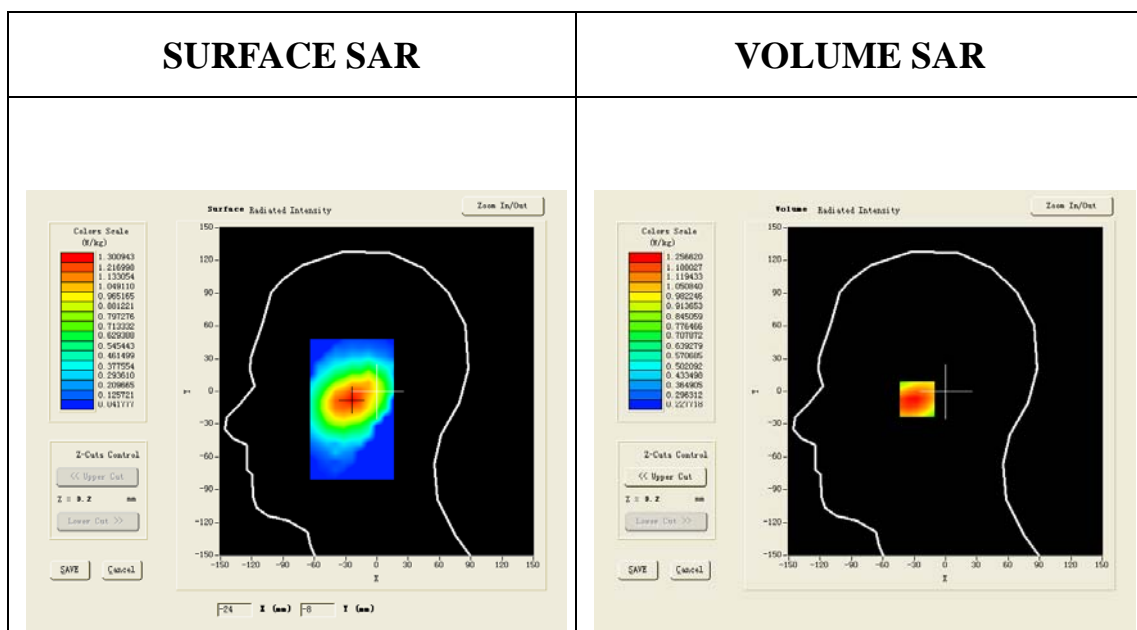Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

Satimo Configuration:

 Probe:SSE5; Calibrated: 12/09/2011

· Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM1; Type: SAM

· Measurement SW: OpenSAR V4_02_01

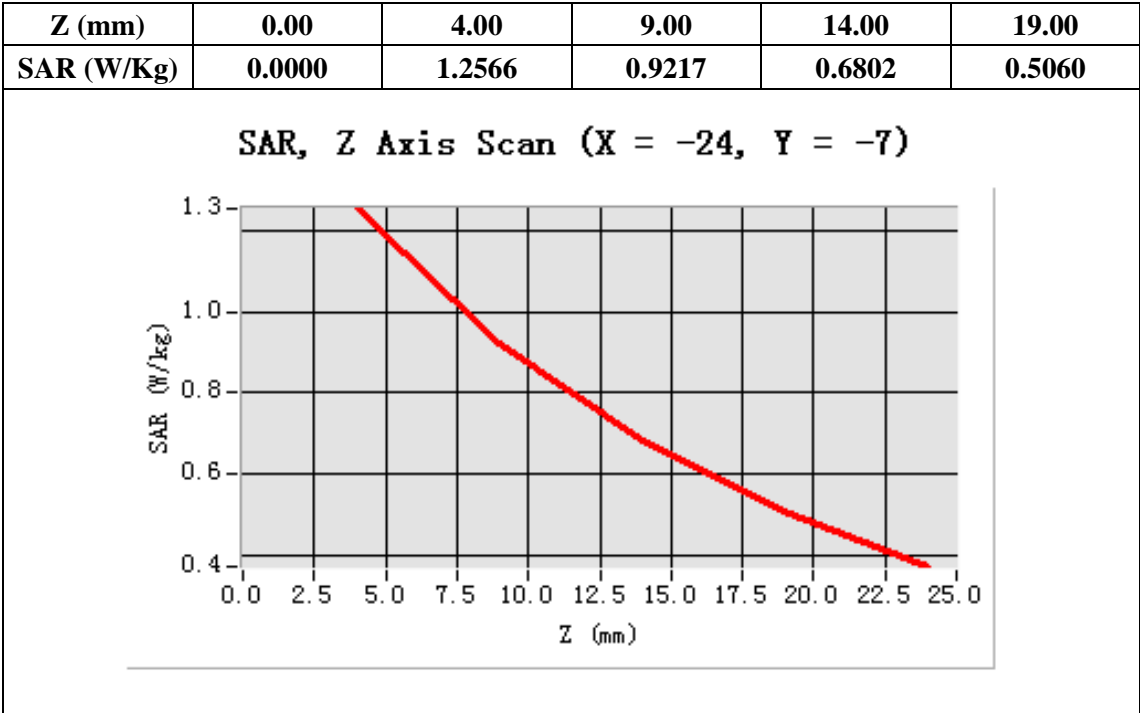**Configuration/GSM850 Mid Touch-Right/Area Scan: Measurement grid: dx=20mm, dy=20mm**

Configuration/GSM850 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	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=-24.00, Y=-7.00

SAR 10g (W/Kg)	0.849501
SAR 1g (W/Kg)	1.211779

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	1.2566	0.9217	0.6802	0.5060

SAR, Z Axis Scan (X = -24, Y = -7)

3D screen shot	Hot spot position

Test Laboratory: AGC Lab **Date: Aug. 11,2012**

GSM 850 High- Touch-Right<SIM 1>

DUT: mobile phone ; Type: AM203

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;

Conv.F=6.79;Frequency: 848.8MHz; Medium parameters used: f = 835 MHz; σ = 0.99 mho/m;

εr = 41.37;ρ = 1000 kg/m³ ;

Phantom section: Right Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GSM850 High Touch-Right/Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/GSM850 High 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	GSM850
Channels	High
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
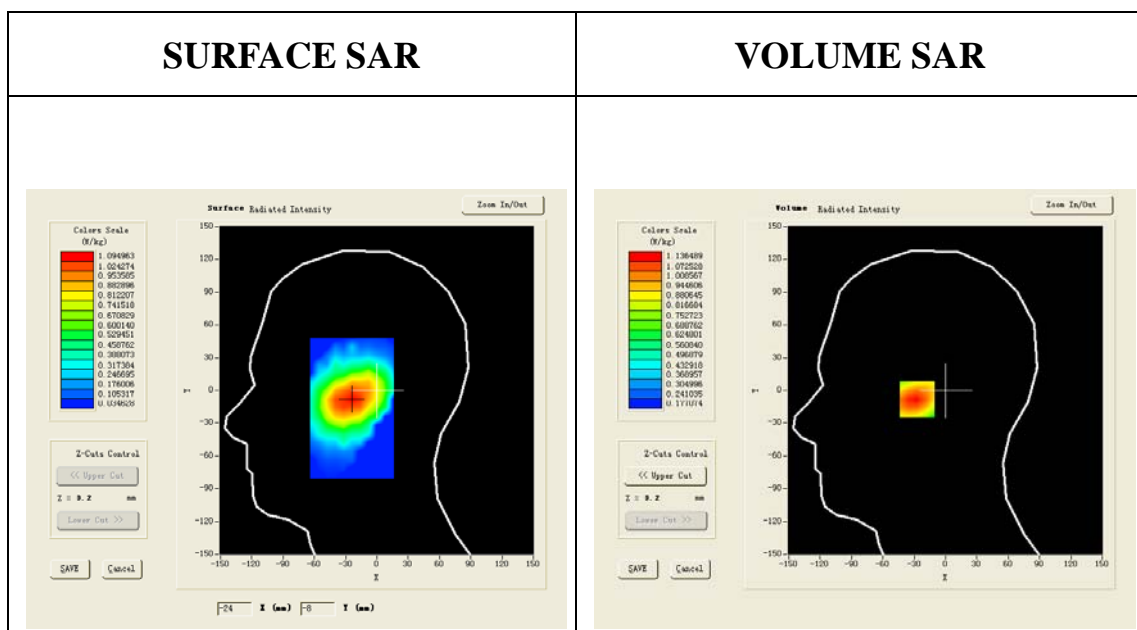
Maximum location: X=-24.00, Y=-8.00

SAR 10g (W/Kg)	0.730466
SAR 1g (W/Kg)	1.088539

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	1.1365	0.7802	0.5524	0.4093

SAR, Z Axis Scan (X = -24, Y = -8)
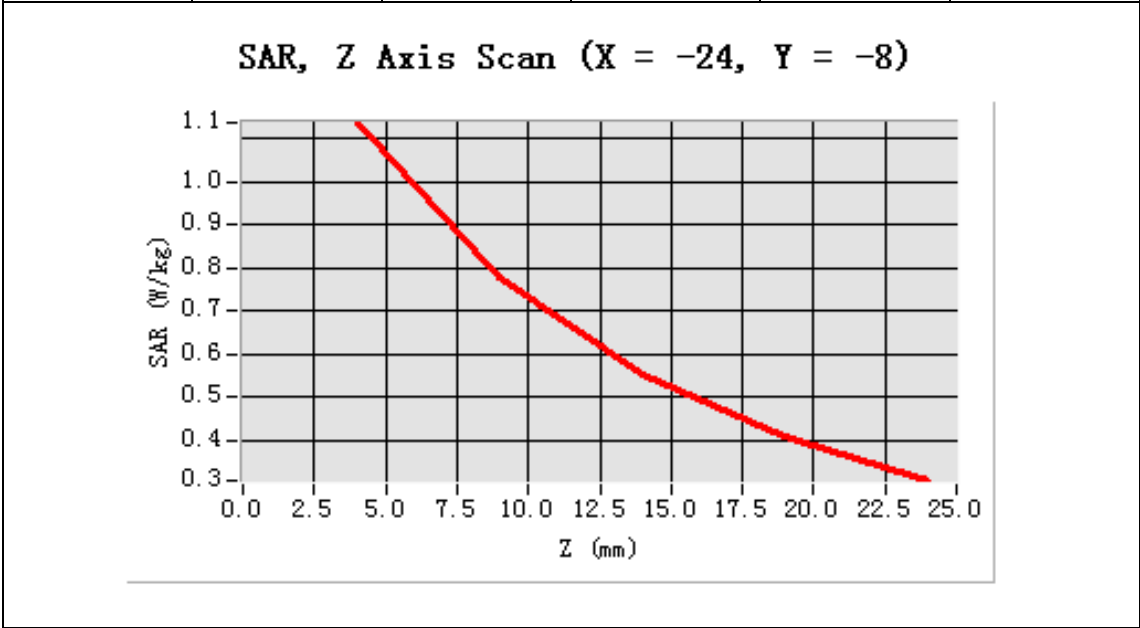
3D screen shot	Hot spot position

Test Laboratory: AGC Lab **Date: Aug. 11,2012**

GSM 850 Mid-Tilt-Right<SIM 1>

DUT: mobile phone   ; Type: AM203

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;

Conv.F=6.79;Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ =0.99 mho/m; εr =41.37 ;

ρ = 1000 kg/m³ ;

Phantom section: Right Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GSM850 Mid Tilt-Right/Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/GSM850 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	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
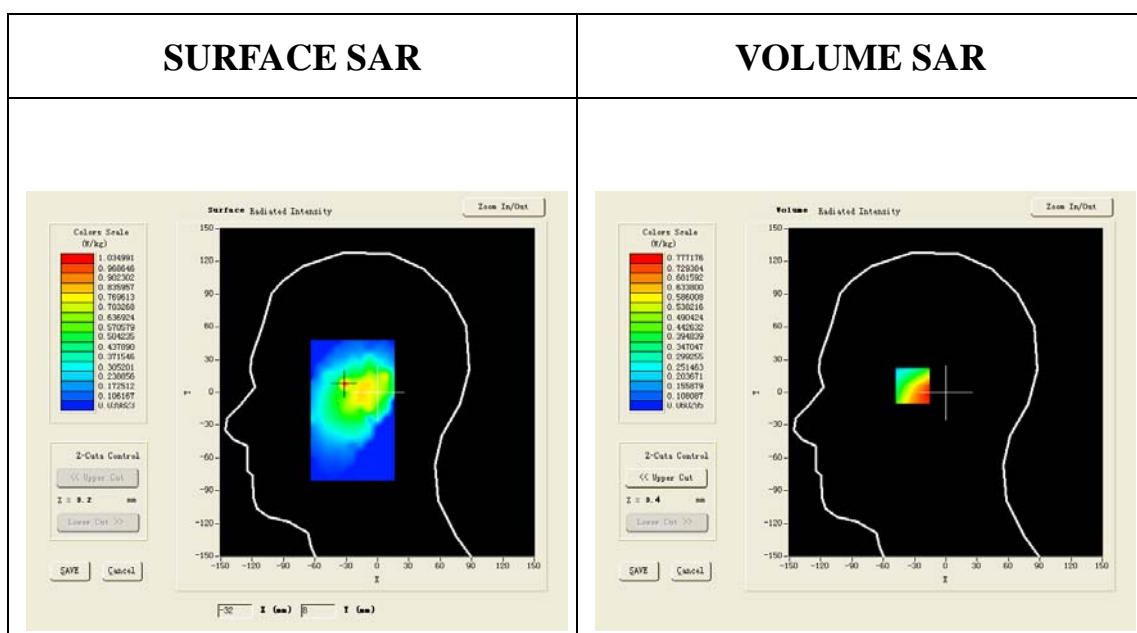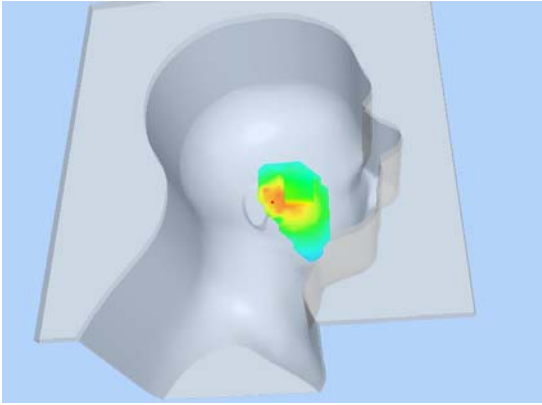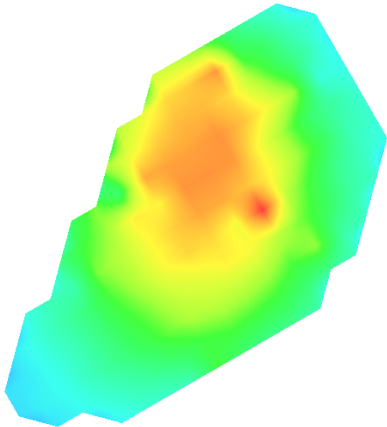
Maximum location: X=-32.00, Y=8.00

SAR 10g (W/Kg)	0.494961
SAR 1g (W/Kg)	0.727856

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.5649	0.4062	0.3030	0.2373
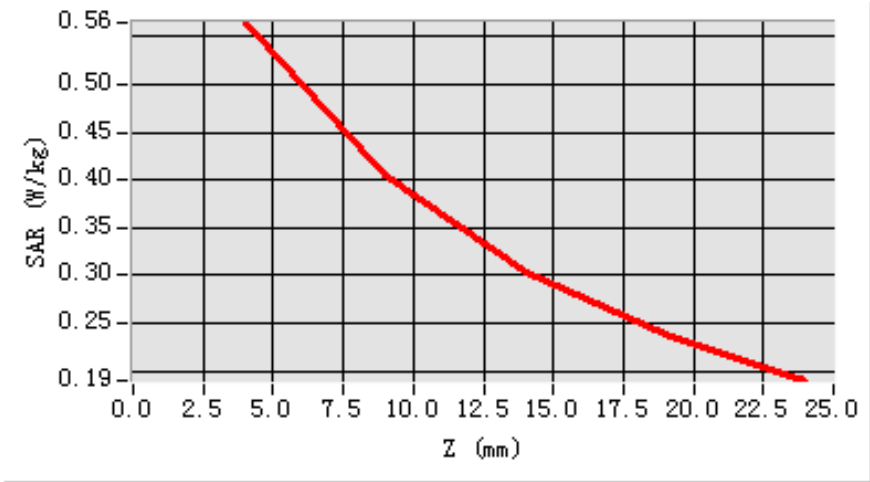
3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

GSM 850 Mid-Touch-Left<SIM 2>

DUT: mobile phone   ; Type: AM203

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;

Conv.F=6.79;Frequency: 836.6MHz; Medium parameters used: f = 835 MHz; σ =0.99 mho/m; εr =41.37 ;

ρ = 1000 kg/m³ ;

Phantom section: Left Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GSM850 Mid -Touch-Left/Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/GSM850 Mid -Touch--Left/Zoom Scan: Measurement grid: dx=8mm,
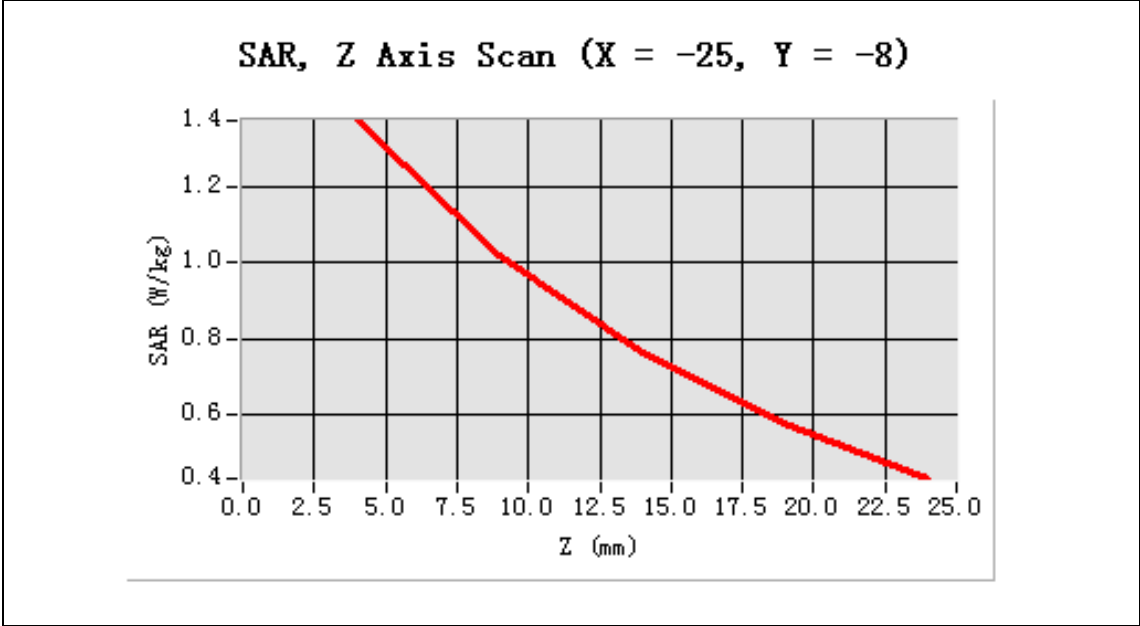
dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Left head
Device Position	Check
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
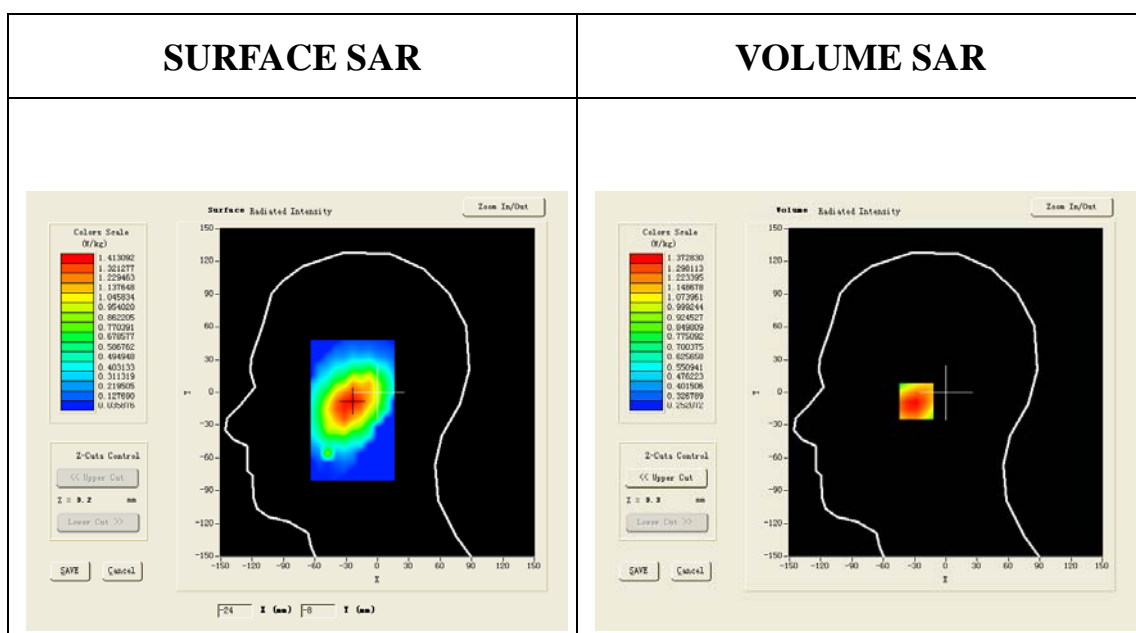
Maximum location: X=-25.00, Y=-8.00

SAR 10g (W/Kg)	0.942483
SAR 1g (W/Kg)	1.327595

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	1.3728	1.0174	0.7617	0.5777

SAR, Z Axis Scan (X = -25, Y = -8)

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

GSM 850 Low- Body-Back (MS)<SIM 1>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;

Conv.F=6.79;Frequency: 824.2 MHz; Medium parameters used: f = 835 MHz; σ = 1.02mho/m; εr = 54.29;

ρ= 1000 kg/m³ ;

Phantom section: Flat Section

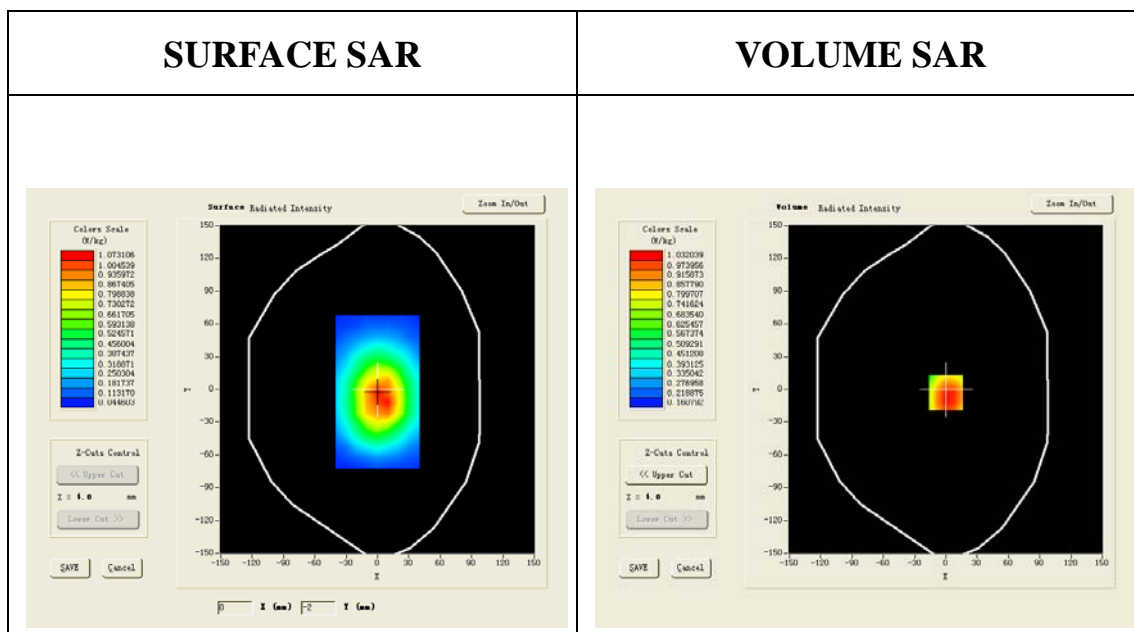Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GSM850 Low Body-Back/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

Configuration/GSM850 Low Body-Back/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm;
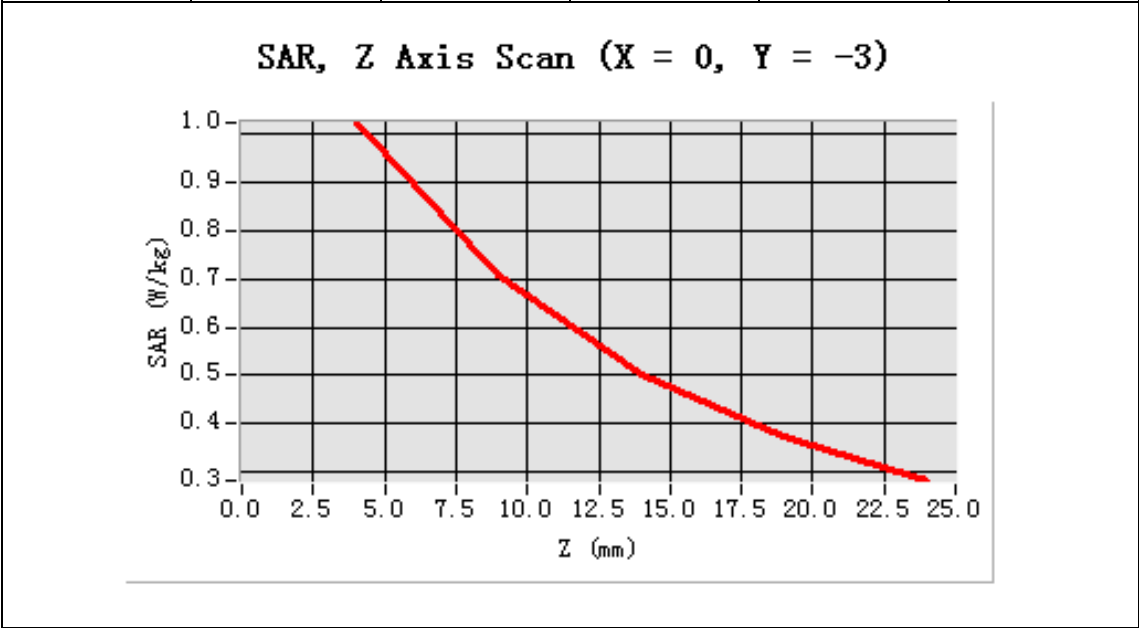
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body
Band	GSM850
Channels	Low
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=0.00, Y=-3.00

SAR 10g (W/Kg)	0.738636
SAR 1g (W/Kg)	1.079606

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	1.0242	0.7075	0.5035	0.3742

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

GSM 850 Mid- Body-Back (MS)<SIM 1>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;

Conv.F=6.79;Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ = 1.02mho/m; εr = 54.29;

ρ= 1000 kg/m³ ;

Phantom section: Flat Section

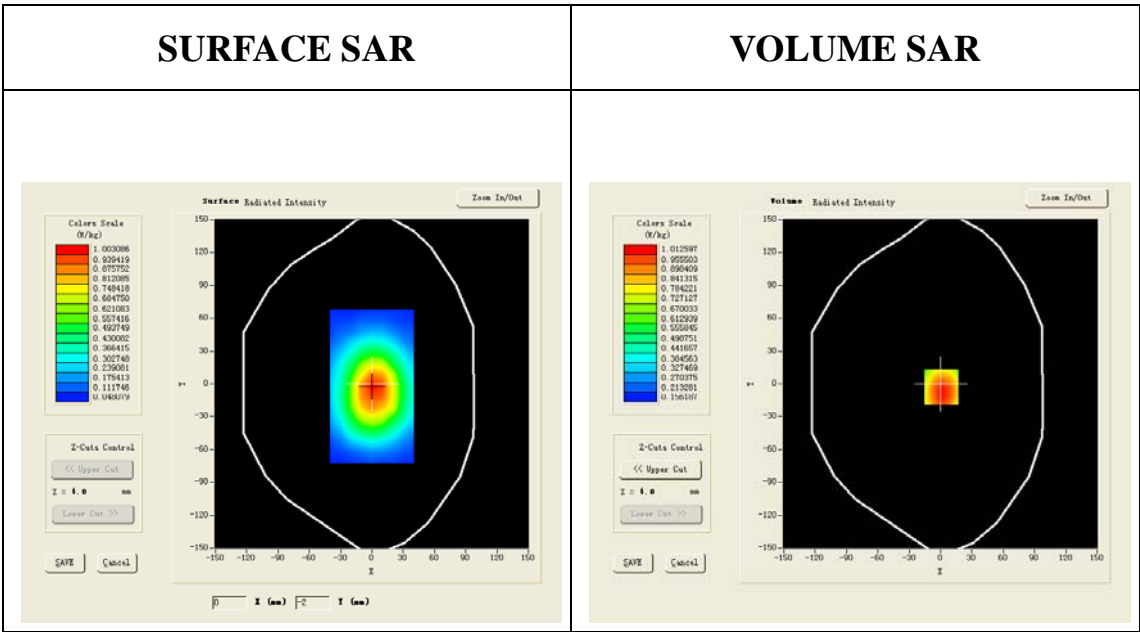Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GSM850 Mid Body-Back/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

Configuration/GSM850 Mid Body-Back/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm;
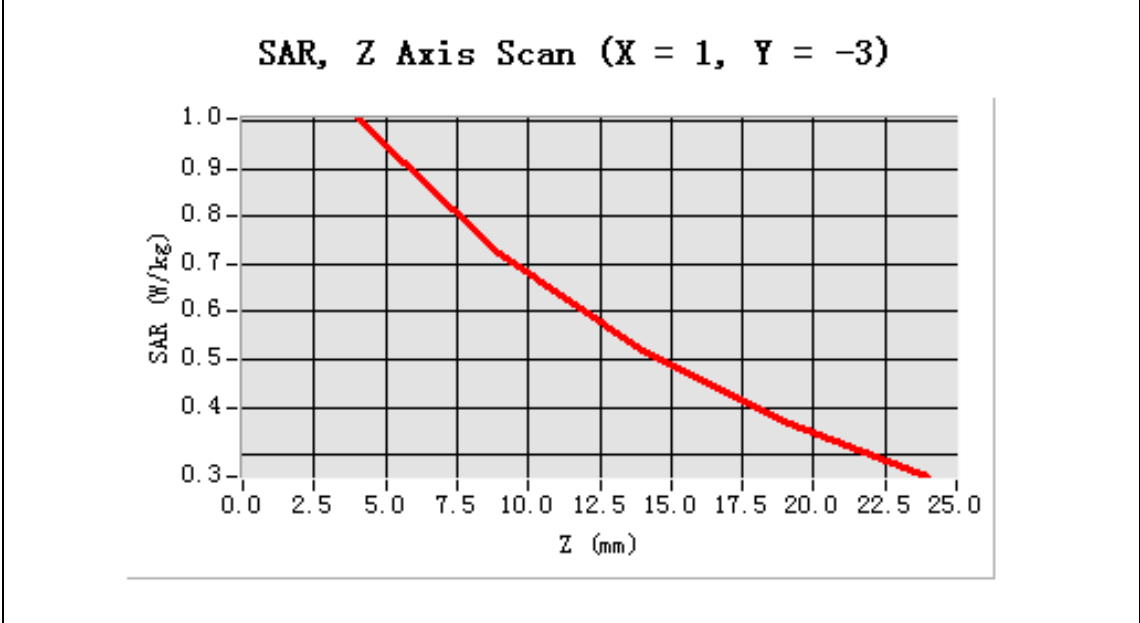
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=1.02, Y=-3.00

SAR 10g (W/Kg)	0.719552
SAR 1g (W/Kg)	1.053938

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	1.0245	0.7218	0.5169	0.3687

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

GSM 850 High- Body-Back (MS)<SIM 1>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;

Conv.F=6.79;Frequency: 848.8 MHz; Medium parameters used: f = 835 MHz; σ = 1.02mho/m; εr = 54.29;

 ρ= 1000 kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0
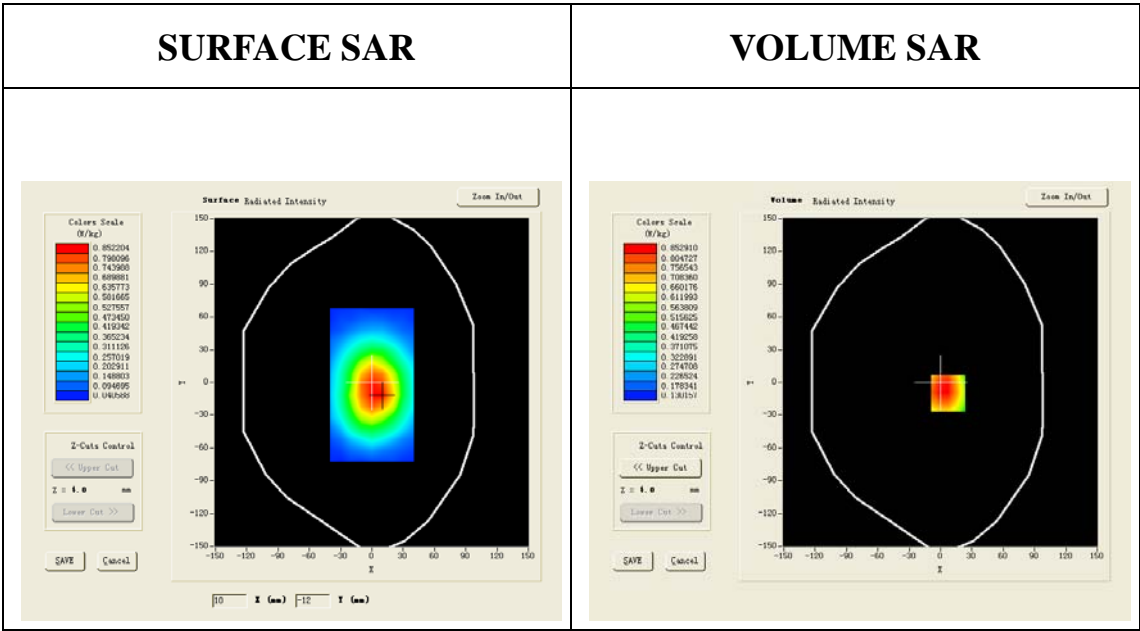
Satimo Configuration:

 Probe:SSE5; Calibrated: 12/09/2011

・ Sensor-Surface: 4mm (Mechanical Surface Detection)

・ Phantom: SAM1; Type: SAM

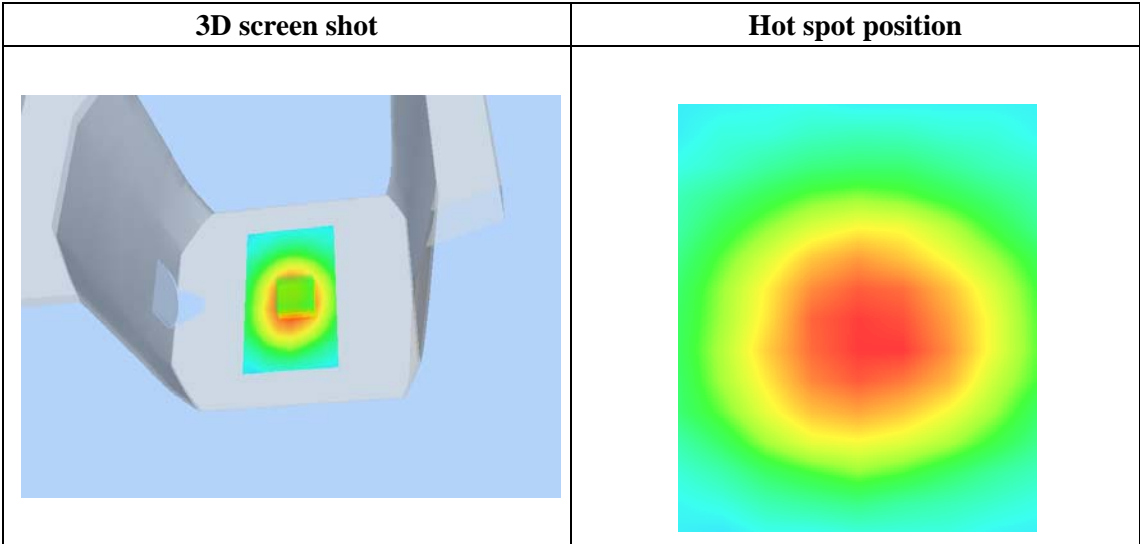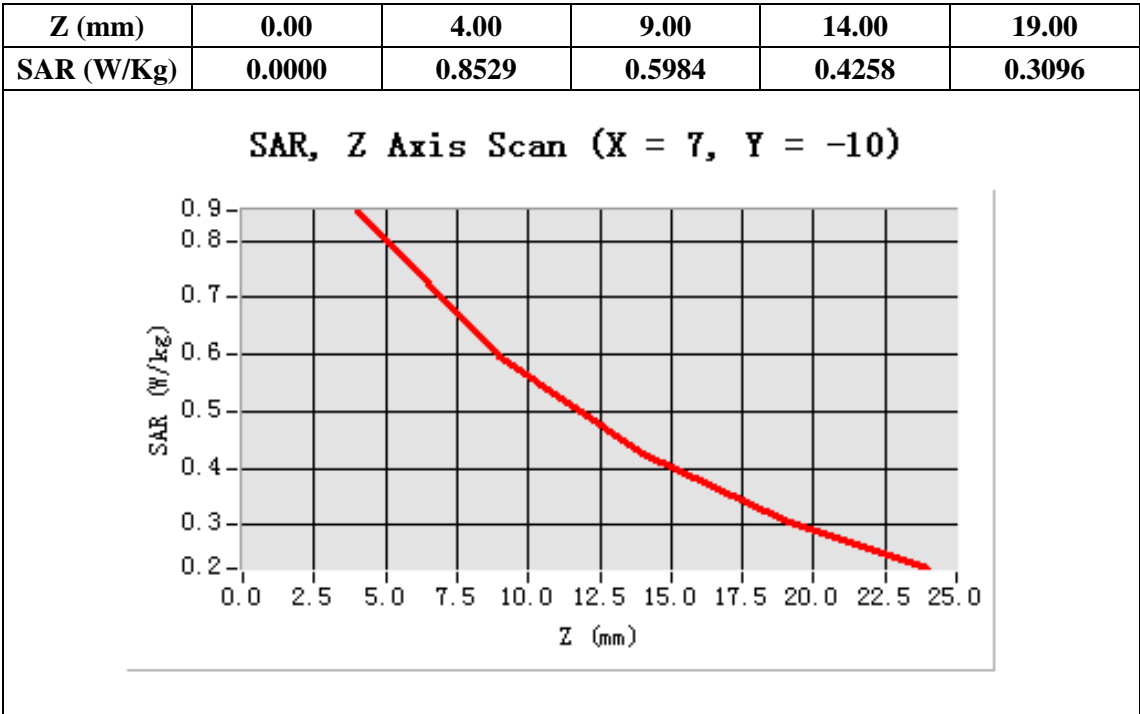・ Measurement SW: OpenSAR V4_02_01

Configuration/GSM850 High Body-Back/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

Configuration/GSM850 High 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
Band	GSM850
Channels	High
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=7.00, Y=-10.00

SAR 10g (W/Kg)	0.614638
SAR 1g (W/Kg)	0.900965

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.8529	0.5984	0.4258	0.3096

3D screen shot	Hot spot position

Test Laboratory: AGC Lab **Date: Aug. 11,2012**

GSM 850 Low- Body- Back (2up) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS -2 Slot; Communication System Band: GSM850; Duty Cycle: 1:4.2 ;

Conv.F=6.79;Frequency: 824.2 MHz; Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; εr = 54.29;

ρ = 1000kg/m³ ;

Phantom section: Flat Section

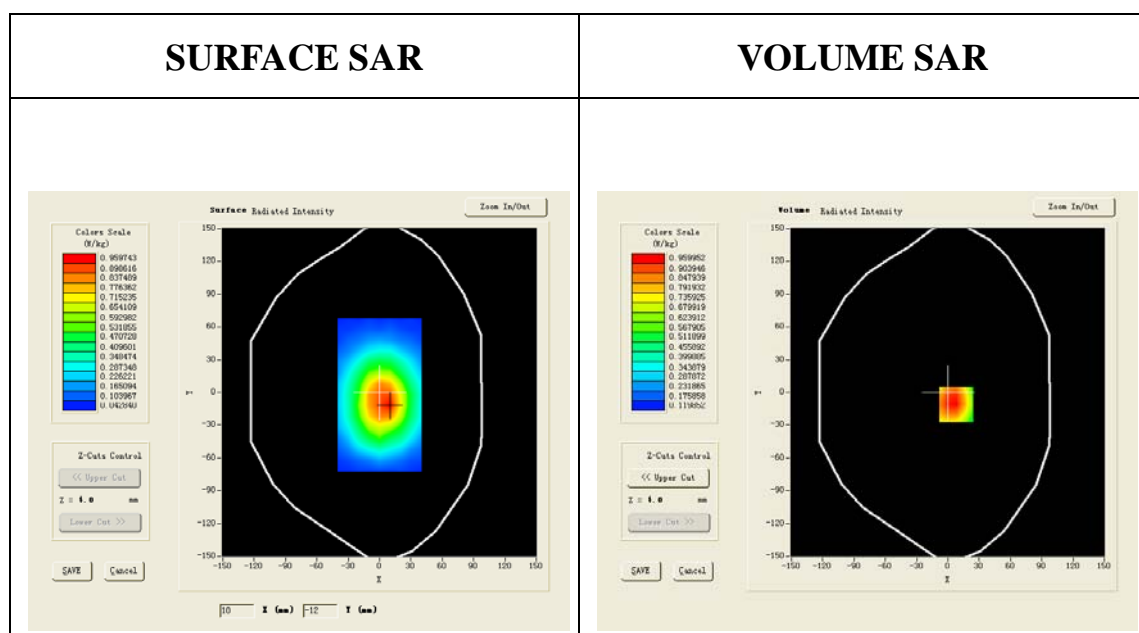Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GPRS850 Low Body-Back/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

Configuration/GPRS850 Low Body-Back/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
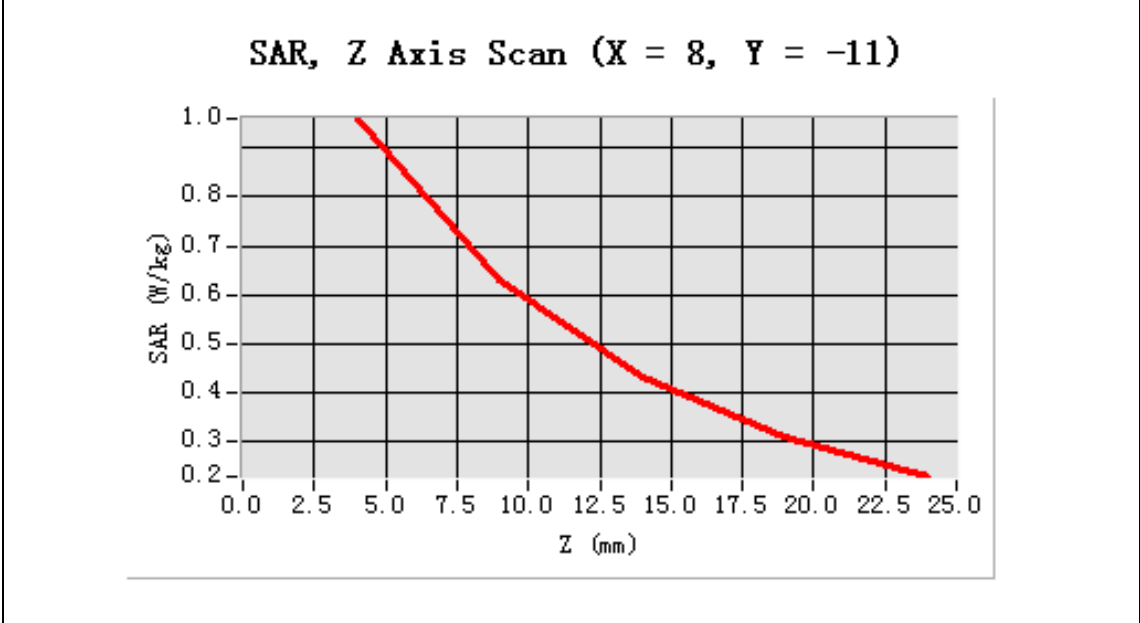
dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body
Band	GSM850
Channels	Low
Signal	TDMA (Crest factor: 4.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=8.00, Y=-11.02

SAR 10g (W/Kg)	0.657928
SAR 1g (W/Kg)	1.026257

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.9600	0.6320	0.4311	0.3113

SAR, Z Axis Scan (X = 8, Y = −11)

3D screen shot	Hot spot position

Test Laboratory: AGC Lab　　　　　　　　　　　　　**Date: Aug. 11,2012**

GSM 850 Mid- Body- Back (2up) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS -2 Slot; Communication System Band: GSM850; Duty Cycle: 1:4.2 ;

Conv.F=6.79;Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; εr = 54.29;

ρ = 1000kg/m³ ;

Phantom section: Flat Section

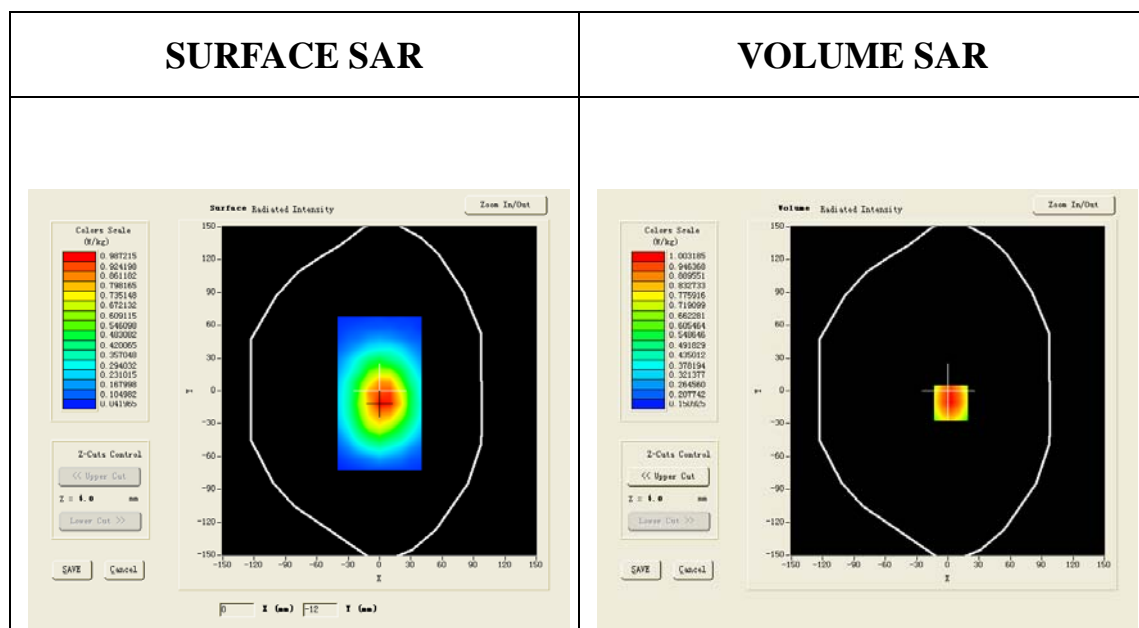Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

Satimo Configuration:

　Probe:SSE5; Calibrated: 12/09/2011

・ Sensor-Surface: 4mm (Mechanical Surface Detection)

・ Phantom: SAM1; Type: SAM

・ Measurement SW: OpenSAR V4_02_01

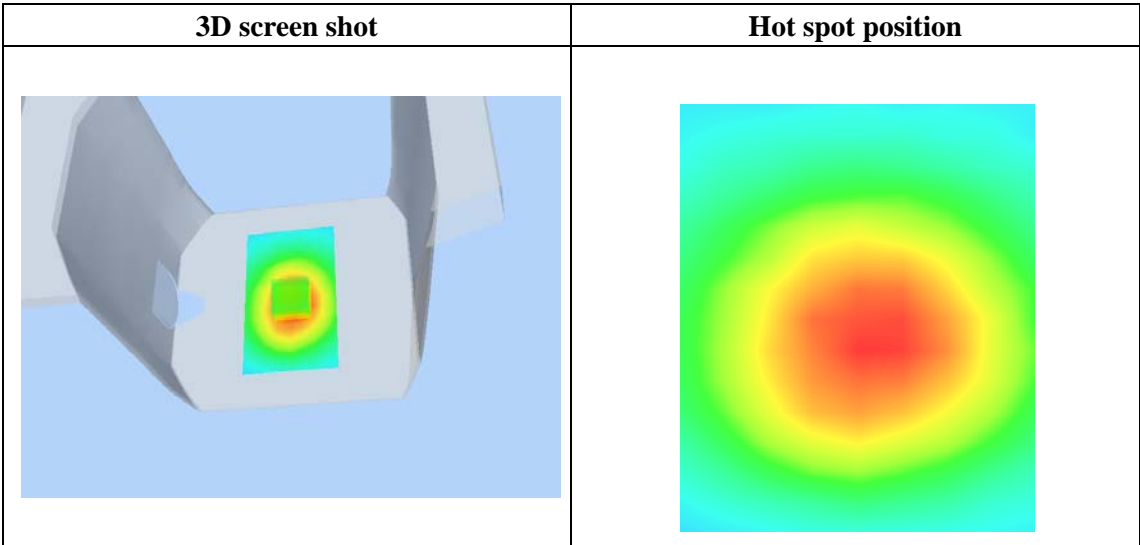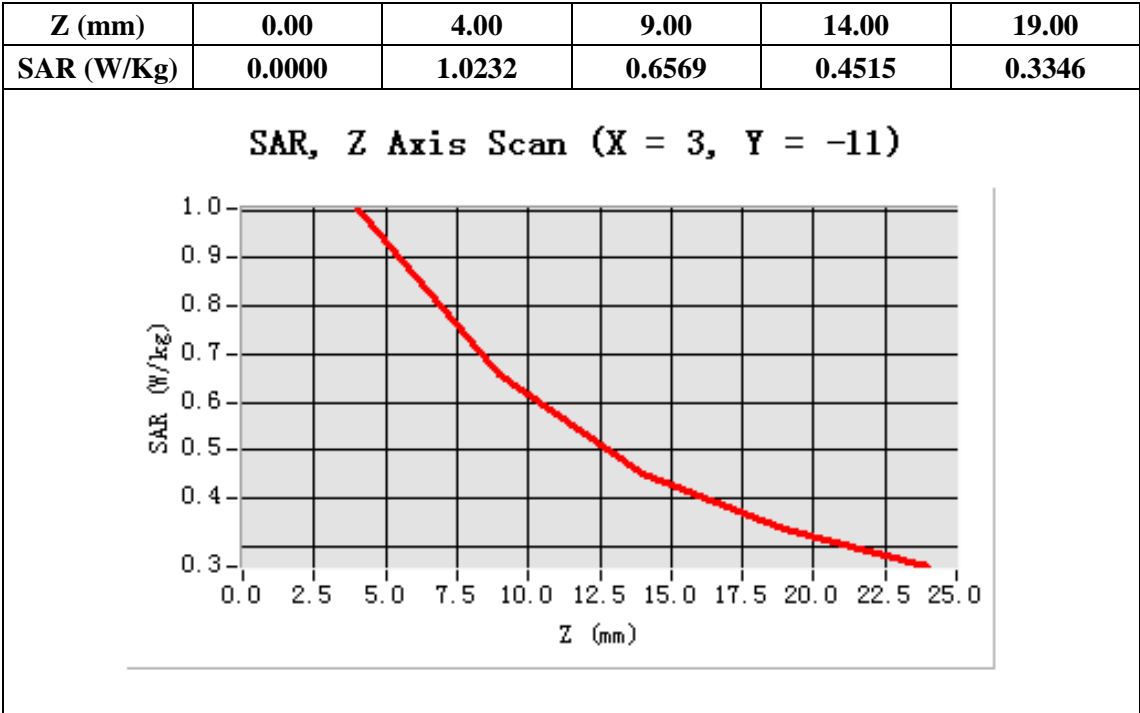**Configuration/GPRS850 Mid Body-Back/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm**

Configuration/GPRS850 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
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 4.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=3.00, Y=-11.02

SAR 10g (W/Kg)	0.689521
SAR 1g (W/Kg)	1.043076

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	1.0232	0.6569	0.4515	0.3346

3D screen shot	Hot spot position

Test Laboratory: AGC Lab　　　　　　　　　　　　　　**Date: Aug. 11,2012**

GSM 850 High- Body- Back (2up) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS -2 Slot; Communication System Band: GSM850; Duty Cycle: 1:4.2 ;

Conv.F=6.79;Frequency: 848.8MHz; Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; εr = 54.29;

ρ = 1000kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

Satimo Configuration:

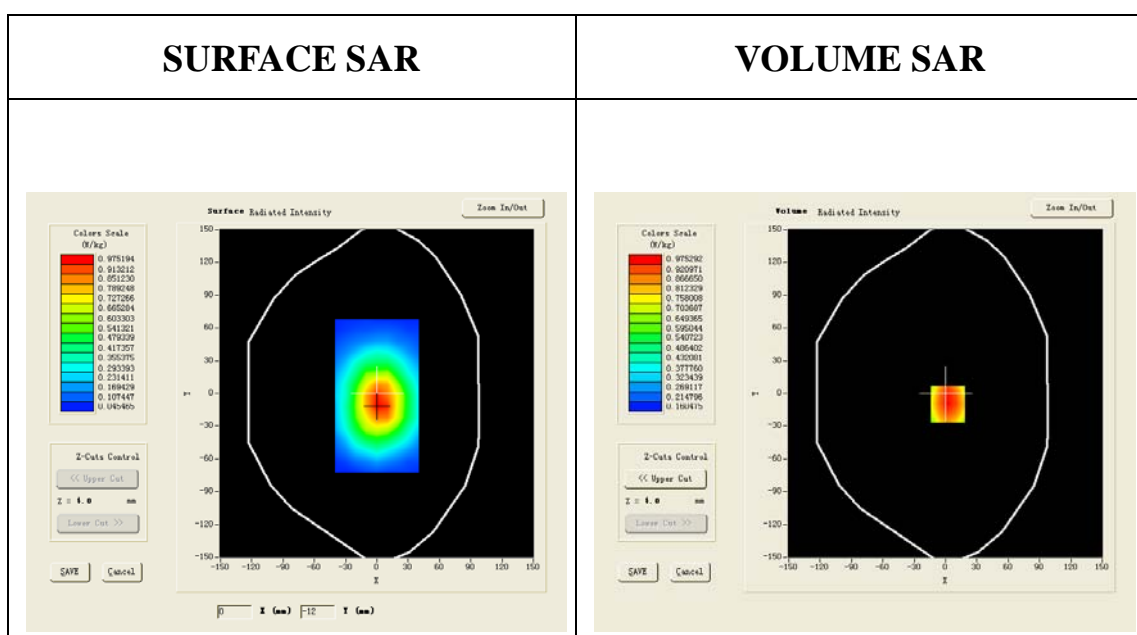 Probe:SSE5; Calibrated: 12/09/2011

・ Sensor-Surface: 4mm (Mechanical Surface Detection)

・ Phantom: SAM1; Type: SAM

・ Measurement SW: OpenSAR V4_02_01

Configuration/GPRS850 High Body-Back/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

**Configuration/GPRS850 High 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
Band	GSM850
Channels	High
Signal	TDMA (Crest factor: 4.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=2.00, Y=-10.00

SAR 10g (W/Kg)	0.694189
SAR 1g (W/Kg)	1.013278

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.9753	0.6978	0.4991	0.3572
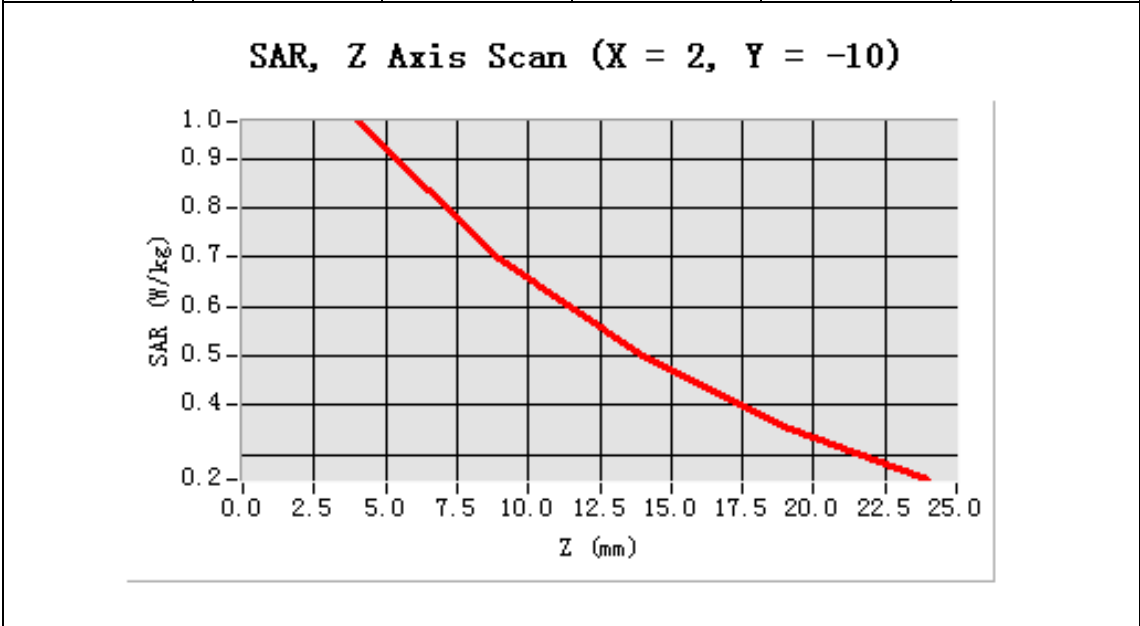
3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

GSM 850 Low- Body- Front (MS) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS -2 Slot; Communication System Band: GSM850; Duty Cycle: 1:4.2 ;

Conv.F=6.79;Frequency: 824.2 MHz; Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; εr = 54.29;

ρ = 1000kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0


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/GPRS850 Low Body-Front/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

Configuration/GPRS850 Low Body-Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm;
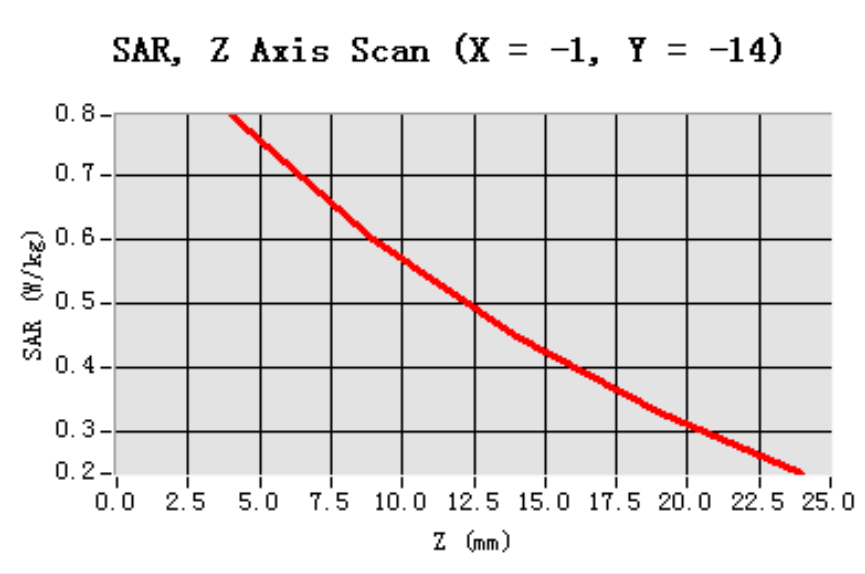
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body
Band	GSM850
Channels	Low
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
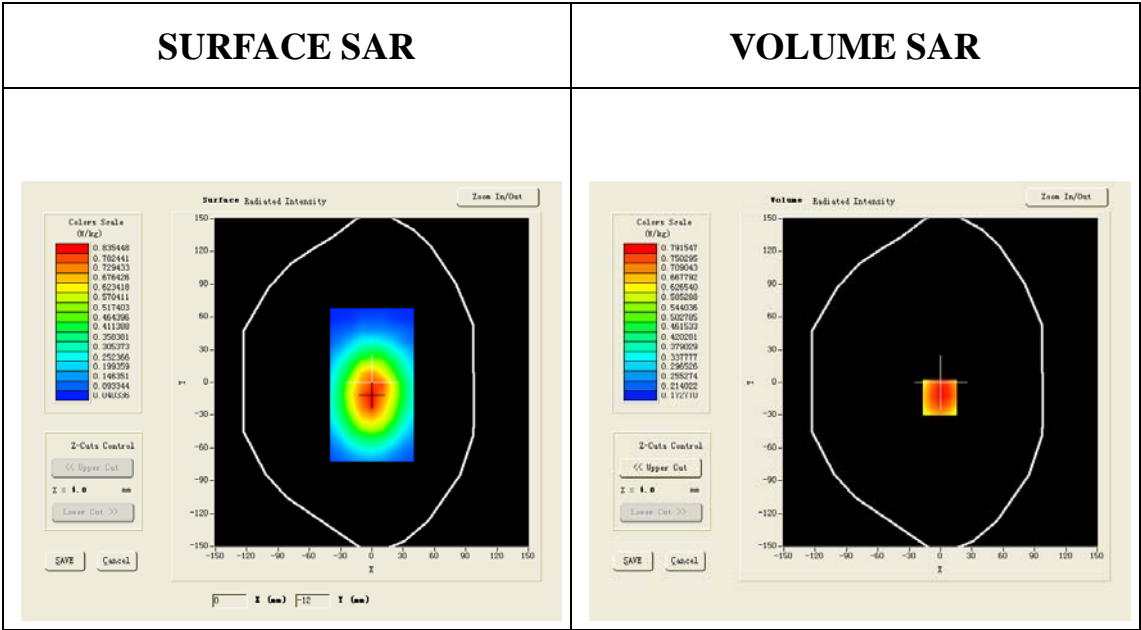
Maximum location: X=-1.02, Y=-14.00

SAR 10g (W/Kg)	0.594001
SAR 1g (W/Kg)	0.827667

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.7915	0.5975	0.4464	0.3287

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

GSM 850 Mid- Body- Front (MS) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS -2 Slot; Communication System Band: GSM850; Duty Cycle: 1:4.2 ;

Conv.F=6.79;Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; εr = 54.29;

ρ = 1000kg/m³ ;

Phantom section: Flat Section

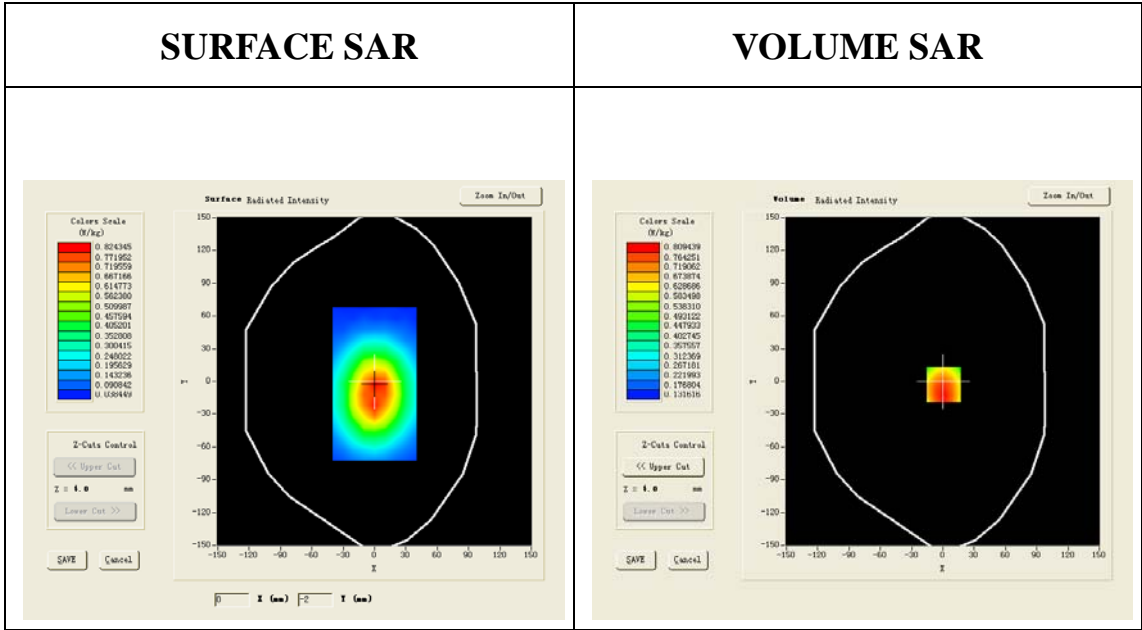Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GPRS850 Mid Body-Front/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

**Configuration/GPRS850 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
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=1.02, Y=-3.00

SAR 10g (W/Kg)	0.595011
SAR 1g (W/Kg)	0.844275

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.7861	0.6054	0.4519	0.3235

SAR, Z Axis Scan (X = 1, Y = -3)
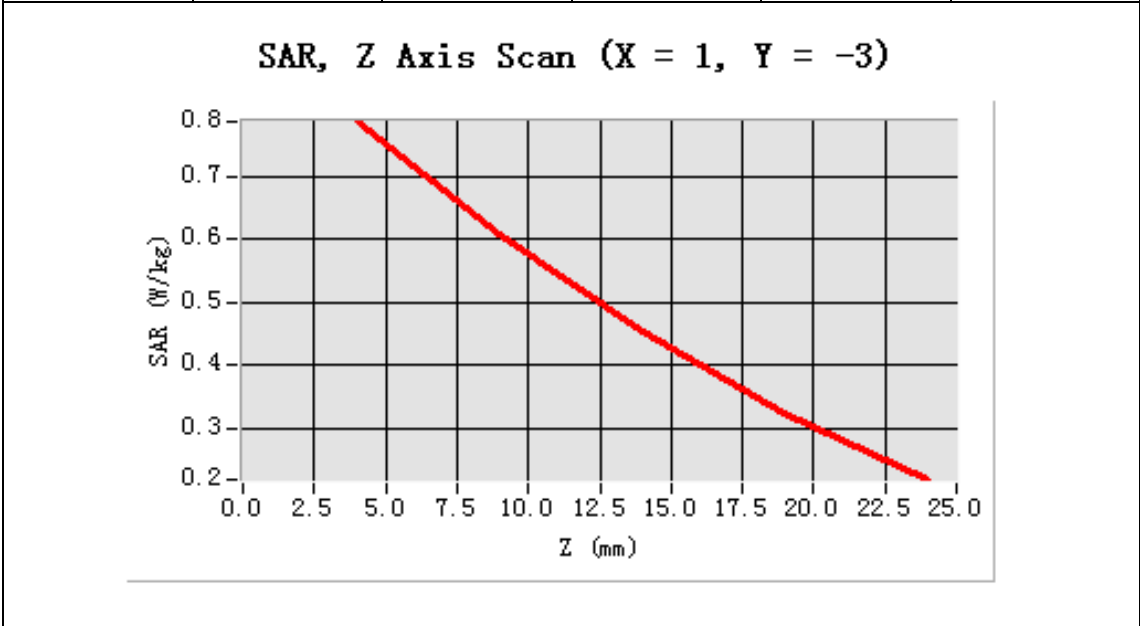
3D screen shot	Hot spot position

Test Laboratory: AGC Lab **Date: Aug. 11,2012**

GSM 850 High- Body- Front (MS) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS -2 Slot; Communication System Band: GSM850; Duty Cycle: 1:4.2 ;

Conv.F=6.79;Frequency: 848.8 MHz; Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; εr = 54.29;

ρ = 1000kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GPRS850 High Body-Front/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

Configuration/GPRS850 High 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
Band	GSM850
Channels	High
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
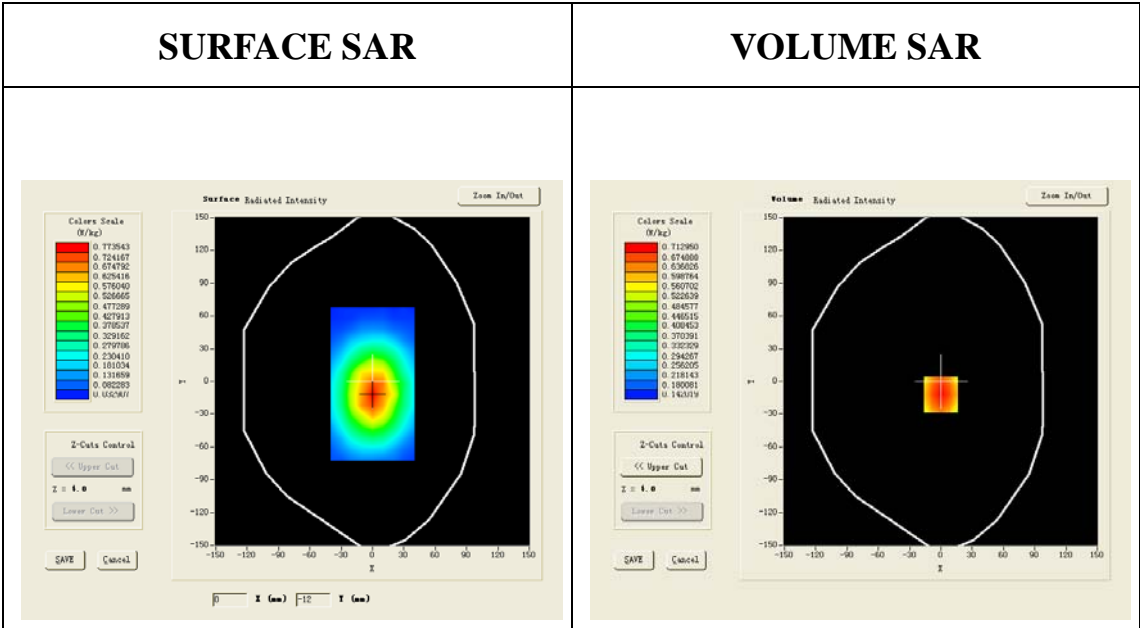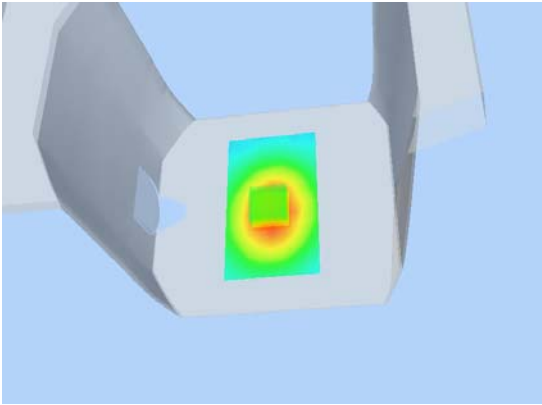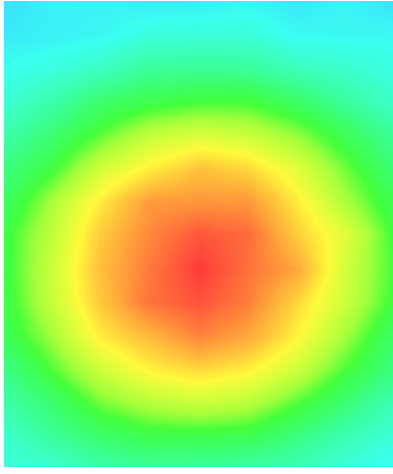
Maximum location: X=0.00, Y=-12.00

SAR 10g (W/Kg)	0.514960
SAR 1g (W/Kg)	0.740681

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.7129	0.5055	0.3644	0.2690

SAR, Z Axis Scan (X = 0, Y = -12)
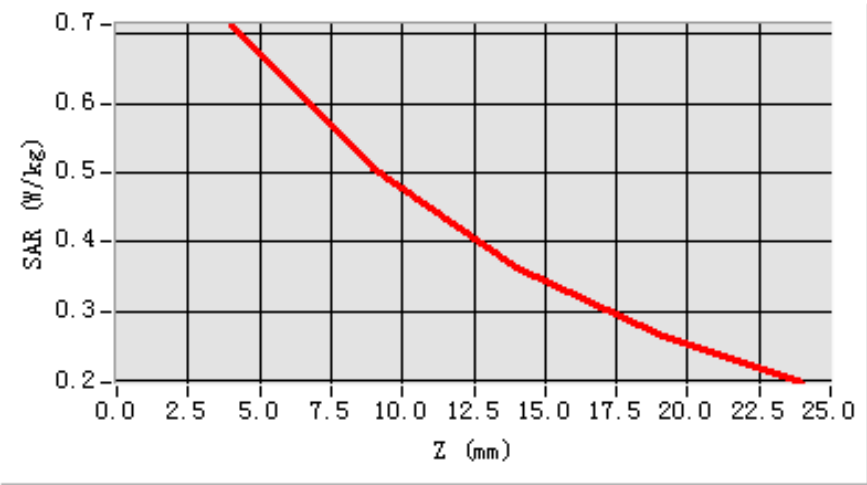
3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

GSM 850 Mid- Body- Back (with earphone) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS -2 Slot; Communication System Band: GSM850; Duty Cycle: 1:4.2 ;

Conv.F=6.79;Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ = 1.02 mho/m; εr = 54.29;

ρ = 1000kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

Satimo Configuration:

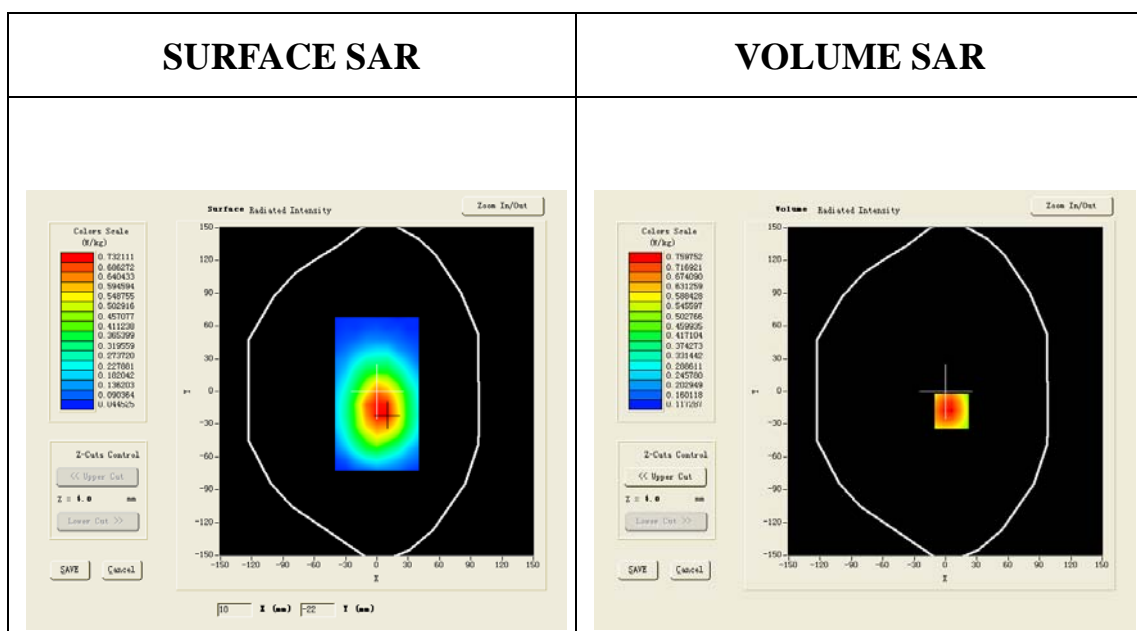 Probe:SSE5; Calibrated: 12/09/2011

・ Sensor-Surface: 4mm (Mechanical Surface Detection)

・ Phantom: SAM1; Type: SAM

・ Measurement SW: OpenSAR V4_02_01

Configuration/GPRS850 Mid Body-Back/Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm

Configuration/GPRS850 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
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=6.00, Y=-18.00

SAR 10g (W/Kg)	0.523693
SAR 1g (W/Kg)	0.792930

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.7598	0.5011	0.3431	0.2493

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

PCS 1900 Mid-Touch- Left<SIM 1>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;

Conv.F=6.42;Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.41 mho/m; εr =39.94;

ρ = 1000 kg/m³ ;

Phantom section: Left Section

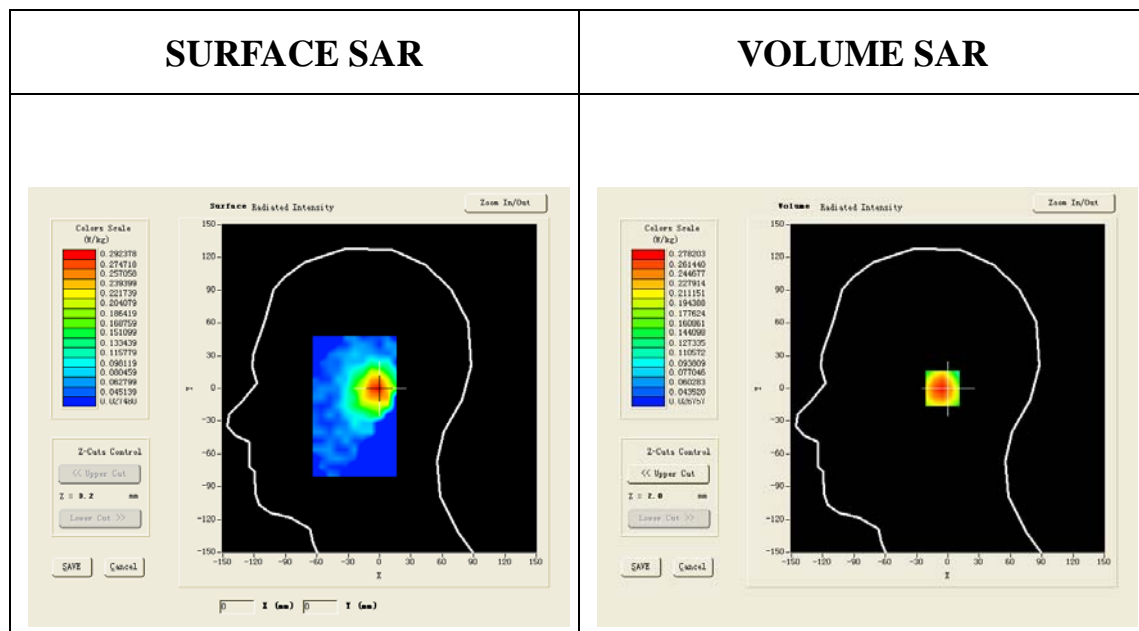Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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 Touch-Left/Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/PCS1900 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	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=-1.02, Y=0.00

SAR 10g (W/Kg)	0.182004
SAR 1g (W/Kg)	0.265039

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2782	0.2183	0.1643	0.1171

SAR, Z Axis Scan (X = -1, Y = 0)
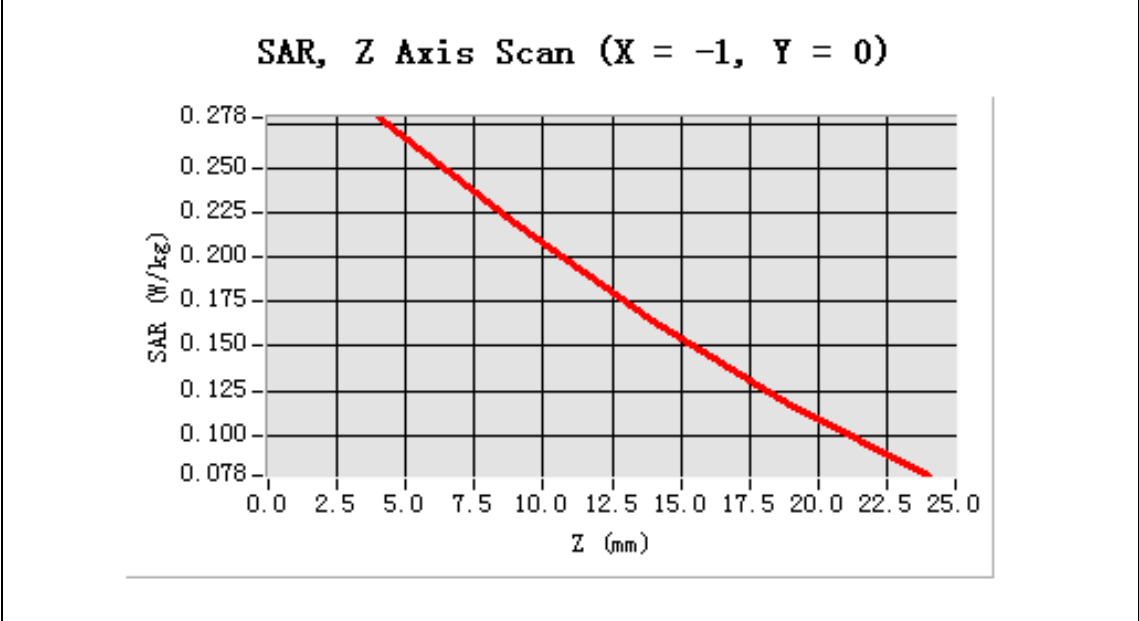
3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

PCS 1900 Mid-Tilt-Left<SIM 1>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;

Conv.F=6.42;Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.41 mho/m; εr =39.94;

ρ = 1000 kg/m³ ;

Phantom section: Left Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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-Left/Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/PCS1900 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	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
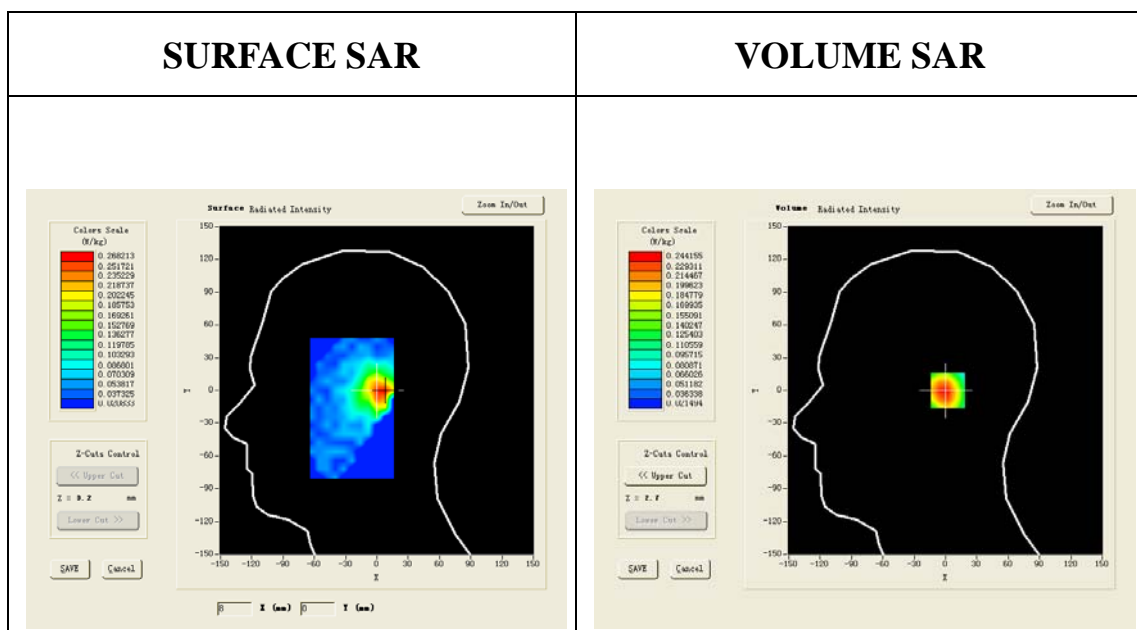
Maximum location: X=7.00, Y=0.00

SAR 10g (W/Kg)	0.158847
SAR 1g (W/Kg)	0.236146

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2442	0.1807	0.1352	0.1025

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

PCS 1900 Mid-Touch- Right<SIM 1>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;

Conv.F=6.42;Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.41 mho/m; εr =39.94;

ρ = 1000 kg/m³ ;

Phantom section: Right Section

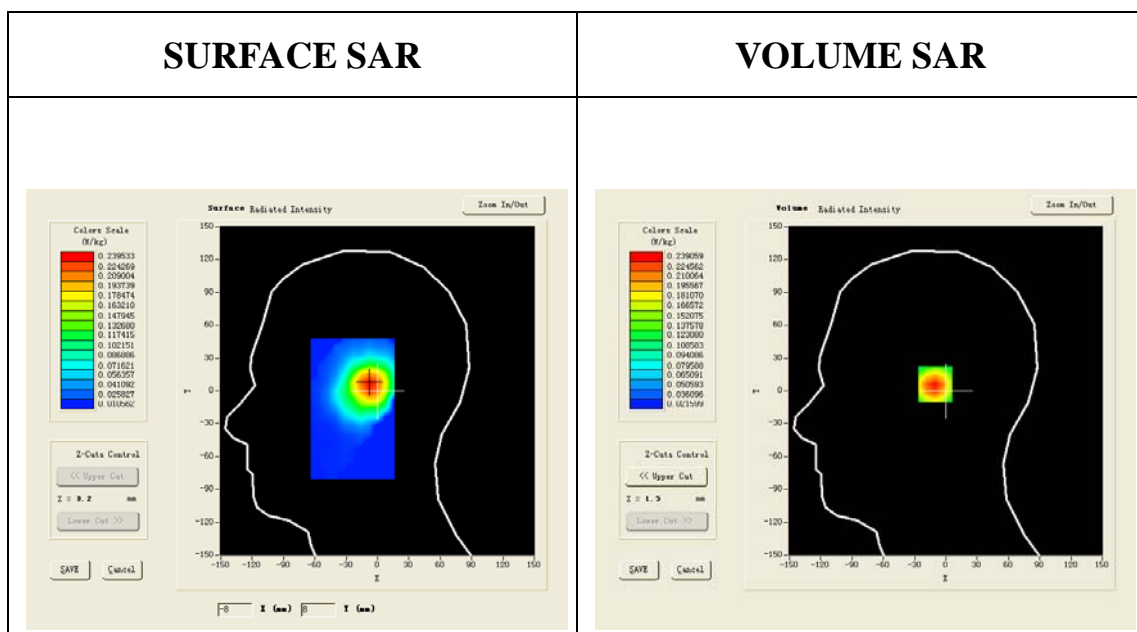Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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 Touch-Right/Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/PCS1900 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	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=-7.00, Y=6.00

SAR 10g (W/Kg)	0.137925
SAR 1g (W/Kg)	0.226979

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2391	0.1479	0.0961	0.0681

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

PCS 1900 Mid-Tilt- Right<SIM 1>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;

Conv.F=6.42; Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.41 mho/m; εr =39.94;

ρ = 1000 kg/m³ ;

Phantom section: Right Section

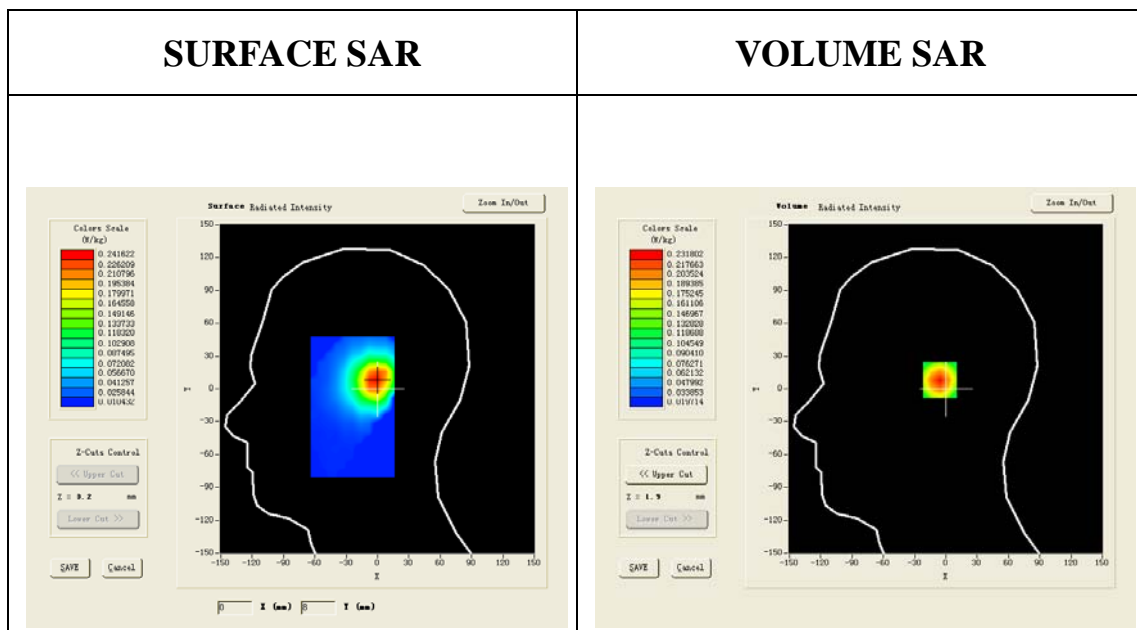Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=-2.00, Y=8.00

SAR 10g (W/Kg)	0.132691
SAR 1g (W/Kg)	0.218545

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2318	0.1478	0.0966	0.0662

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

PCS 1900 Mid-Touch-Left<SIM 2>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;

Conv.F=6.42; Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.41 mho/m; εr =39.94;

ρ = 1000 kg/m³ ;

Phantom section: Left Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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 Touch- Left /Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/PCS1900 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	Touch
Band	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
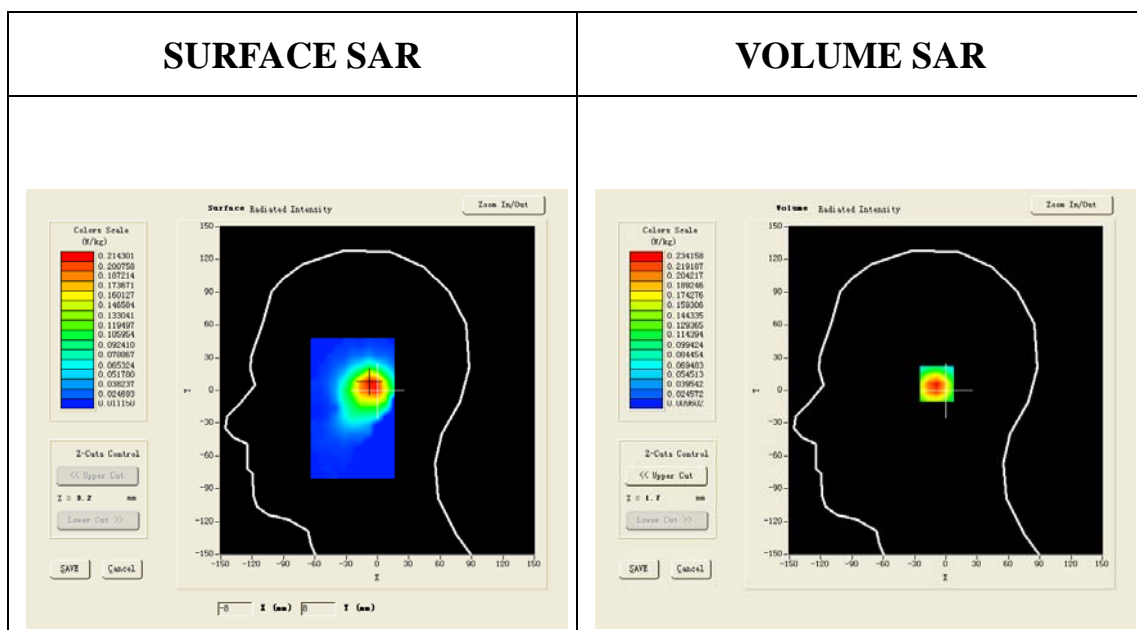
Maximum location: X=-5.00, Y=6.00

SAR 10g (W/Kg)	0.129189
SAR 1g (W/Kg)	0.221864

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2342	0.1451	0.0938	0.0654

3D screen shot	Hot spot position

Test Laboratory: AGC Lab **Date: Aug. 11,2012**

PCS 1900 Mid-Body- Back(MS) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;

Conv.F=6.42;Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.50 mho/m; εr =53.79;

ρ = 1000 kg/m³ ;

Phantom section: Flat Section

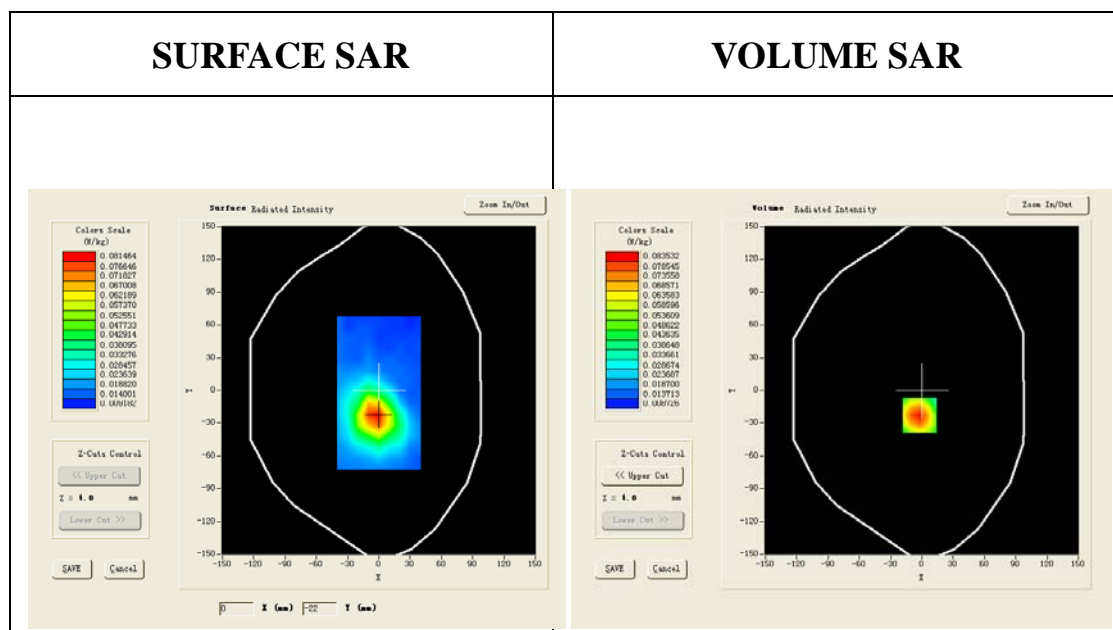Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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 Body-Back/Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/PCS1900 Mid Body-Back/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
Band	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=-2.00, Y=-23.00

SAR 10g (W/Kg)	0.054956
SAR 1g (W/Kg)	0.085968

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.0835	0.0546	0.0381	0.0295

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

PCS 1900 Mid-Body- Back (2up) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS-2 Slot; Communication System Band: PCS1900; Duty Cycle: 1:4.2 ;

Conv.F=6.42; Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.50 mho/m; εr =53.79;

ρ = 1000 kg/m³ ;

Phantom section: Flat Section

Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0
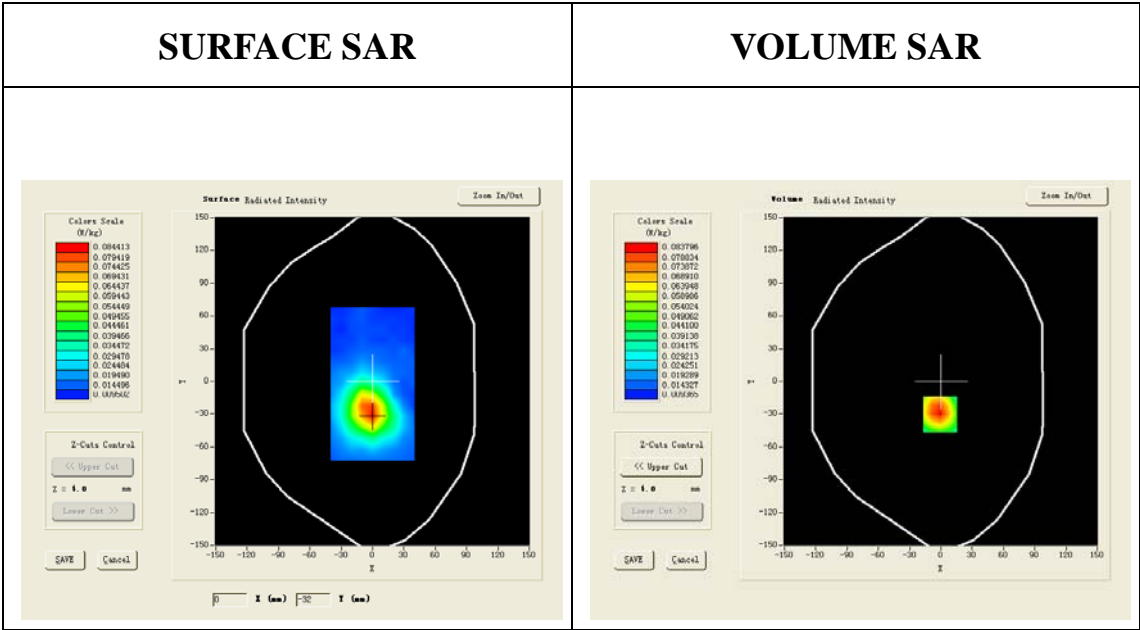
Satimo Configuration:

· Probe:SSE5; Calibrated: 12/09/2011

· Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM1; Type: SAM

· Measurement SW: OpenSAR V4_02_01

Configuration/GPRS1900 Mid Body-Back/Area Scan: Measurement grid: dx=20mm, dy=20mm
Configuration/GPRS1900 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
Band	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 4.0)

Maximum location: X=-1.02, Y=-30.00

SAR 10g (W/Kg)	0.055180
SAR 1g (W/Kg)	0.086873
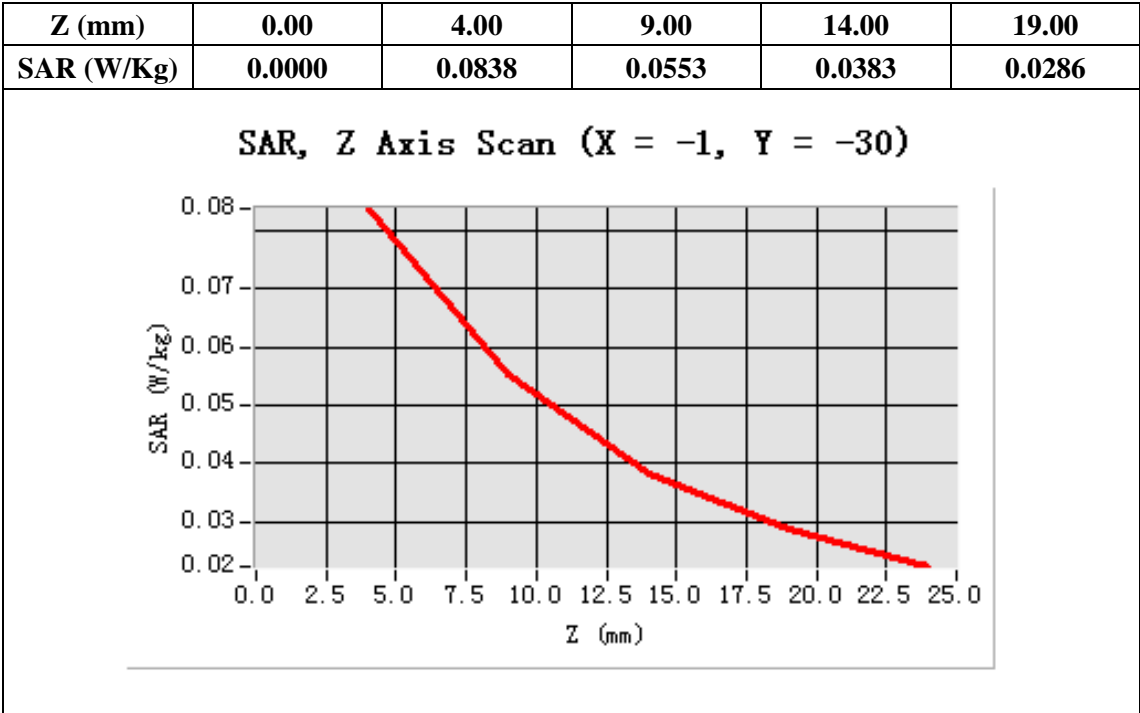
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.0838	0.0553	0.0383	0.0286

SAR, Z Axis Scan (X = -1, Y = -30)

3D screen shot	Hot spot position

Test Laboratory: AGC Lab　　　　　　　　　　　　　　　　**Date: Aug. 11,2012**

PCS 1900 Mid-Body -Front (2up) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS-2 Slot; Communication System Band: PCS1900; Duty Cycle: 1:4.2 ;

Conv.F=6.42; Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.50 mho/m; εr =53.79;

ρ = 1000 kg/m³ ;

Phantom section: Flat Section

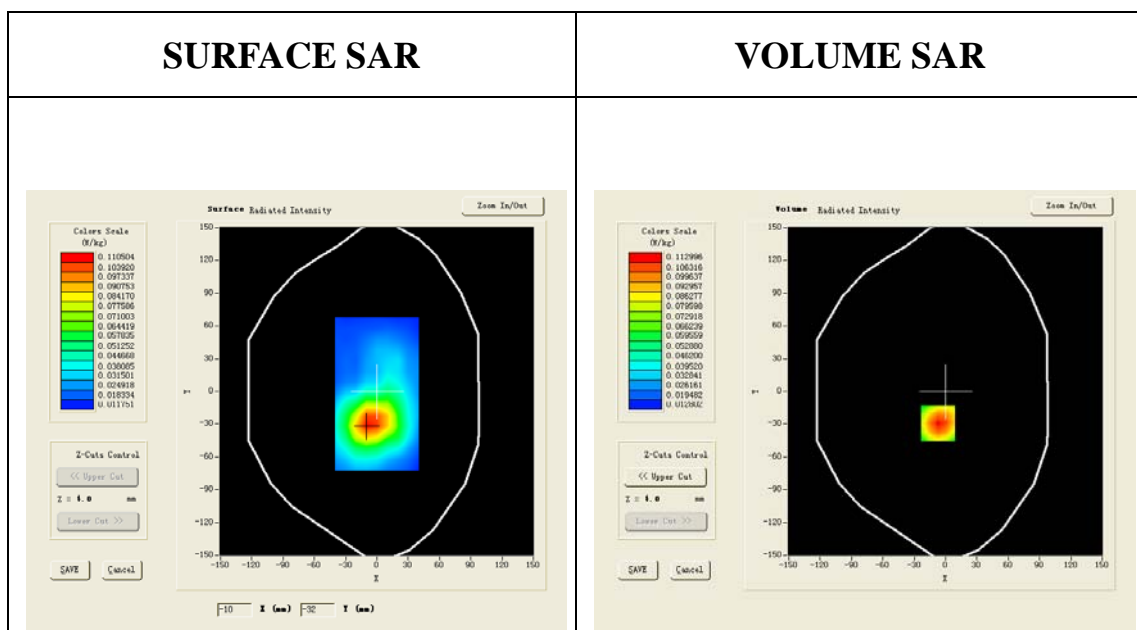Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GPRS1900 Mid Body-Front/Area Scan: Measurement grid: dx=20mm, dy=20mm

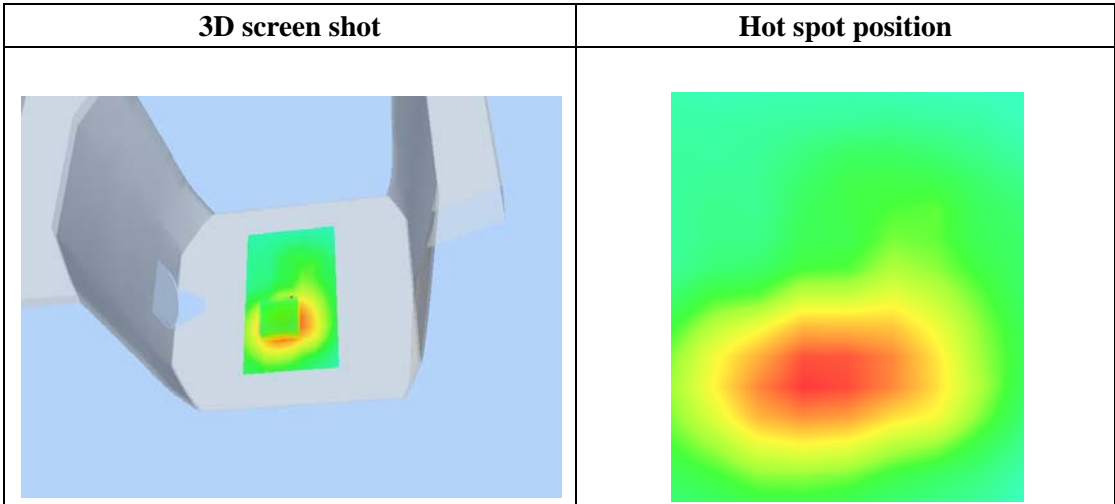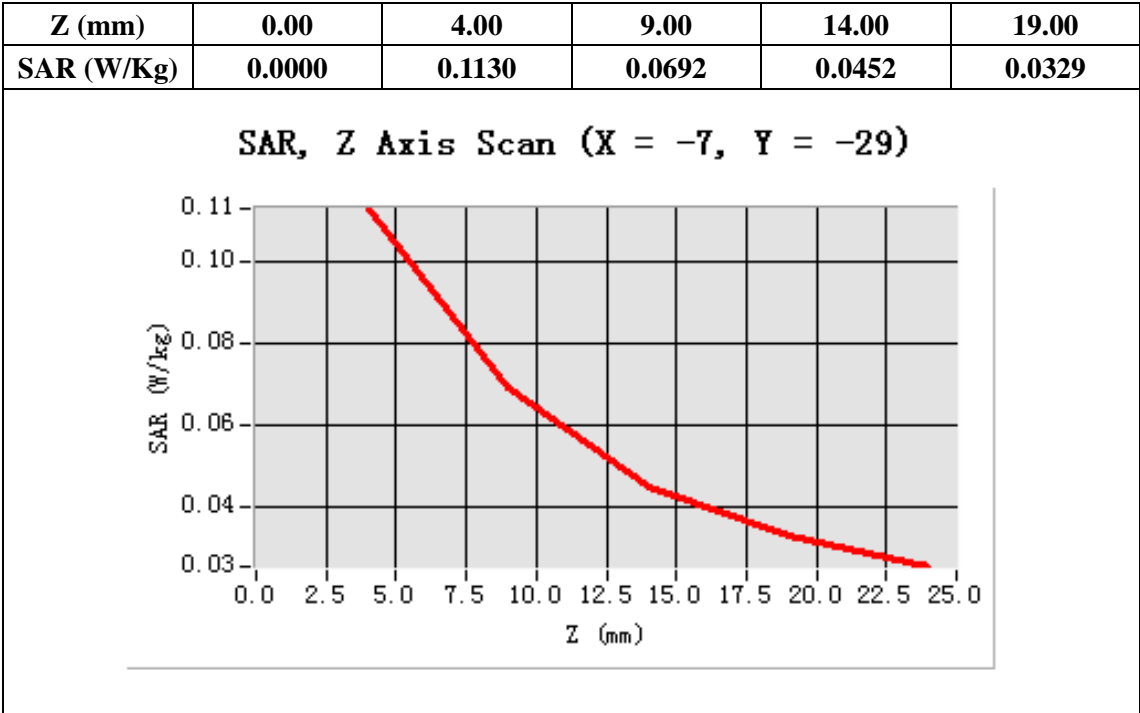**Configuration/GPRS1900 Mid Body-Front/Zoom Scan: Measurement grid:** dx=8mm,

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
Band	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 4.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=-7.00, Y=-29.00

SAR 10g (W/Kg)	0.072533
SAR 1g (W/Kg)	0.116709

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.1130	0.0692	0.0452	0.0329

SAR, Z Axis Scan (X = -7, Y = -29)

3D screen shot	Hot spot position

Test Laboratory: AGC Lab   **Date: Aug. 11,2012**

PCS 1900 Mid-Body- Front(2up with earphone) <SIM 1>

DUT: mobile phone; Type: AM203

Communication System: GPRS-2 Slot; Communication System Band: PCS1900; Duty Cycle: 1:4.2 ;

Conv.F=6.42; Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.50 mho/m; εr =53.79;

ρ = 1000 kg/m³ ;

Phantom section: Flat Section

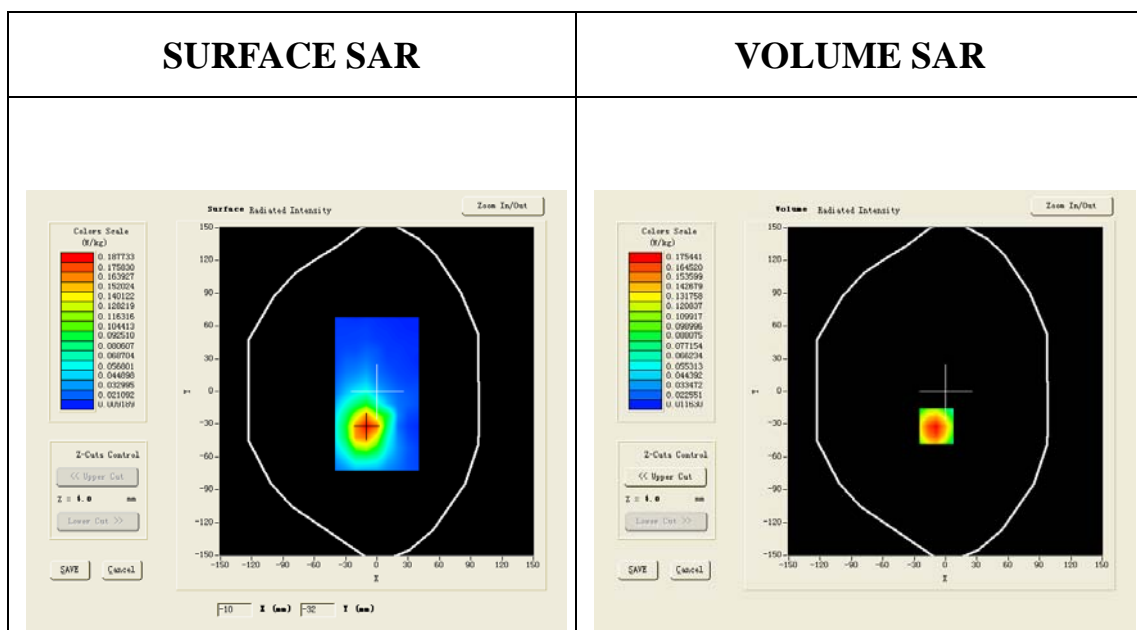Ambient temperature (℃): 21.0, Liquid temperature (℃): 21.0

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/GPRS1900 Mid Body-Back/Area Scan: Measurement grid: dx=20mm, dy=20mm

Configuration/GPRS1900 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
Band	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 4.0)

SURFACE SAR	VOLUME SAR

Maximum location: X=-9.00, Y=-32.00

SAR 10g (W/Kg)	0.110338
SAR 1g (W/Kg)	0.181692

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.1754	0.1086	0.0700	0.0486

3D screen shot	Hot spot position