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

WCDMA Band Ⅱ Mid-Touch Left (RMC)

DUT:Mobile Phone; Type: AM65

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; σ = 1.42 mho/m; ε r =41.21; ρ = 1000 kg/m^3 ;

Phantom section: Left Section

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

Satimo Configuration:

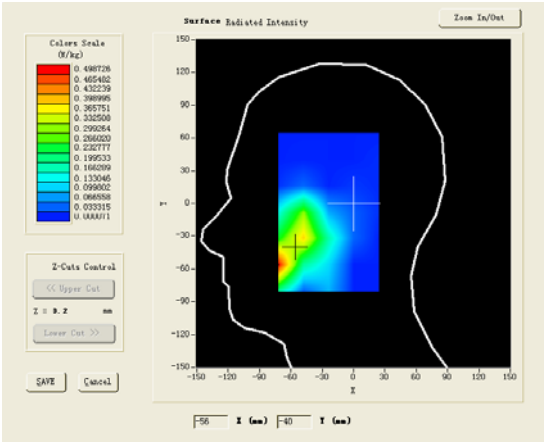
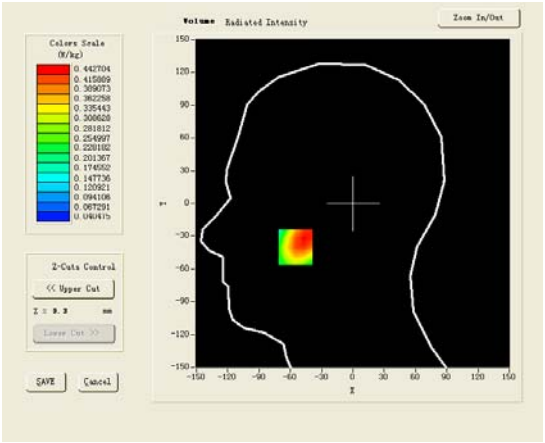
Probe:SSE5; Calibrated: 12/09/2011

- 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;

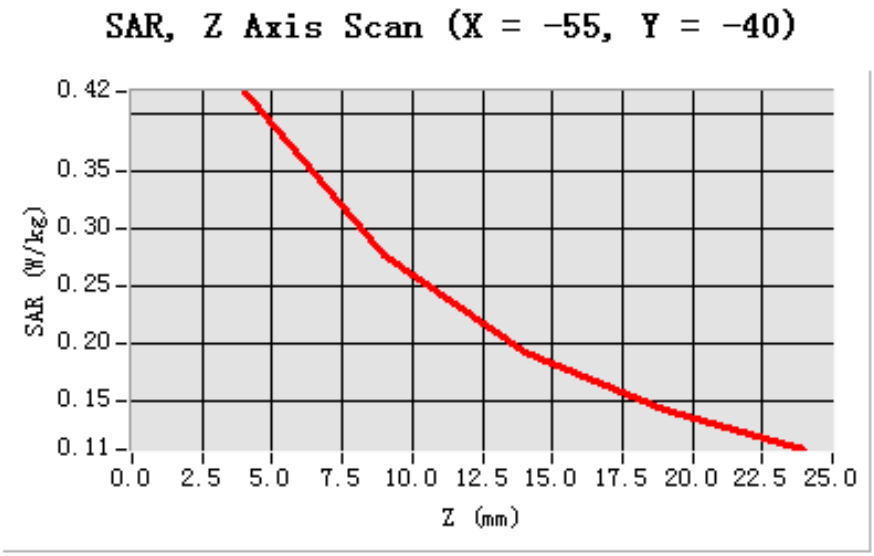
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Left head
Device Position	Cheek
Band	WCDMA Band Ⅱ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

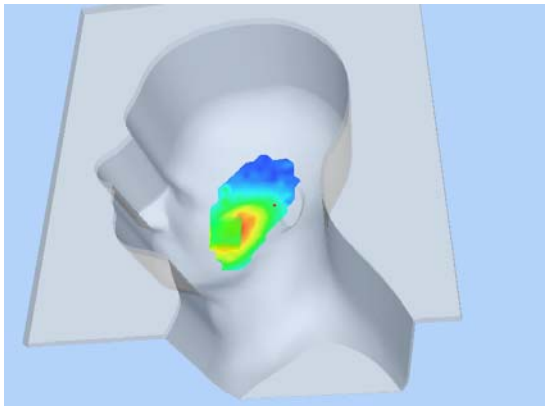
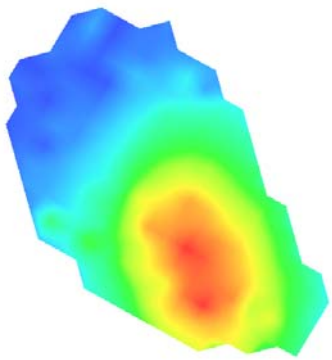
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-55.00, Y=-40.00

SAR 10g (W/Kg)	0.282364
SAR 1g (W/Kg)	0.421059

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.4178	0.2782	0.1956	0.1425



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: AM65

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; σ = 1.42 mho/m; ε r =41.21; ρ = 1000 kg/m³ ; Phantom section: Left Section

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

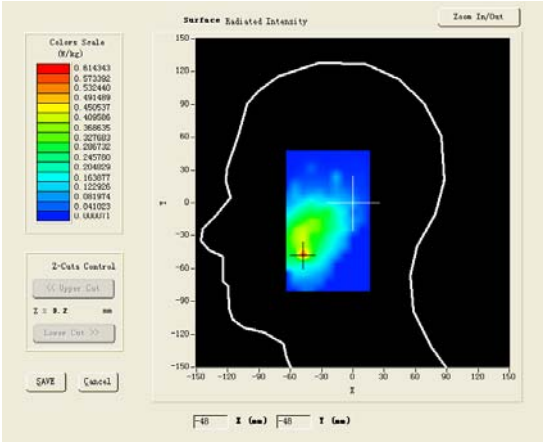
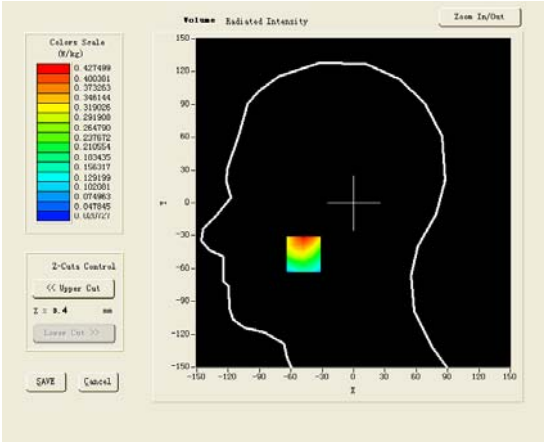
Satimo Configuration:

- 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;

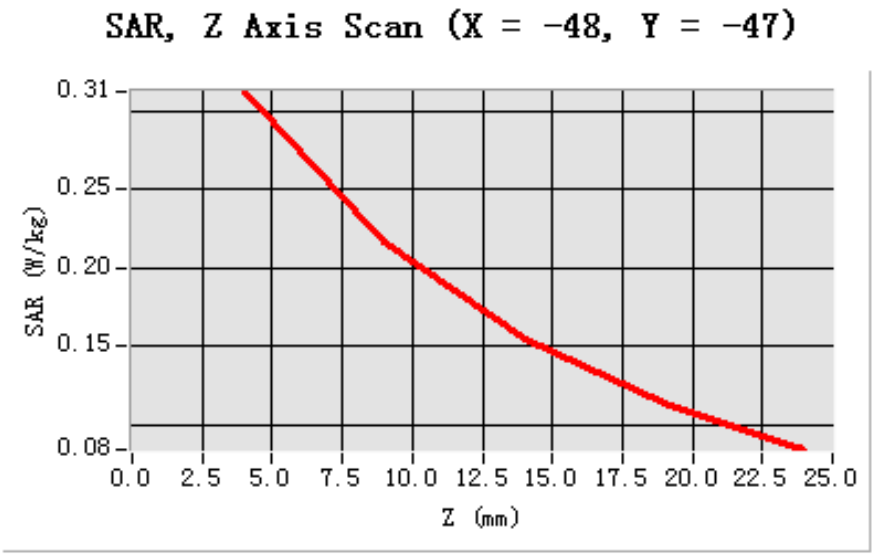
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Left head
Device Position	Tilt
Band	WCDMA Band Ⅱ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

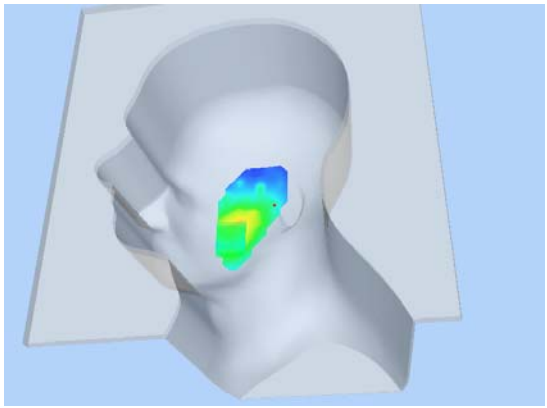
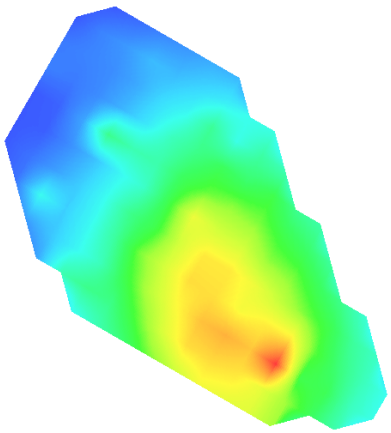
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-48.00, Y=-47.00

SAR 10g (W/Kg)	0.245341
SAR 1g (W/Kg)	0.394087

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.3121	0.2134	0.1545	0.1118



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: AM65

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; σ = 1.42 mho/m; ε r =41.21; ρ = 1000 kg/m^3 ;

Phantom section: Right Section

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

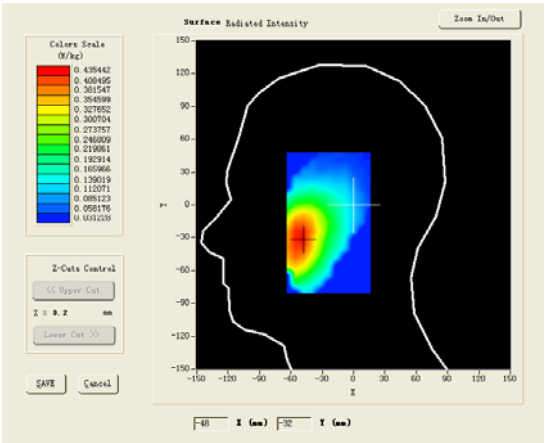
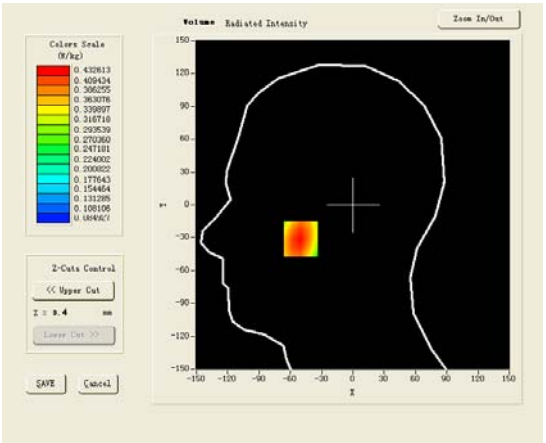
Satimo Configuration:

- 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;

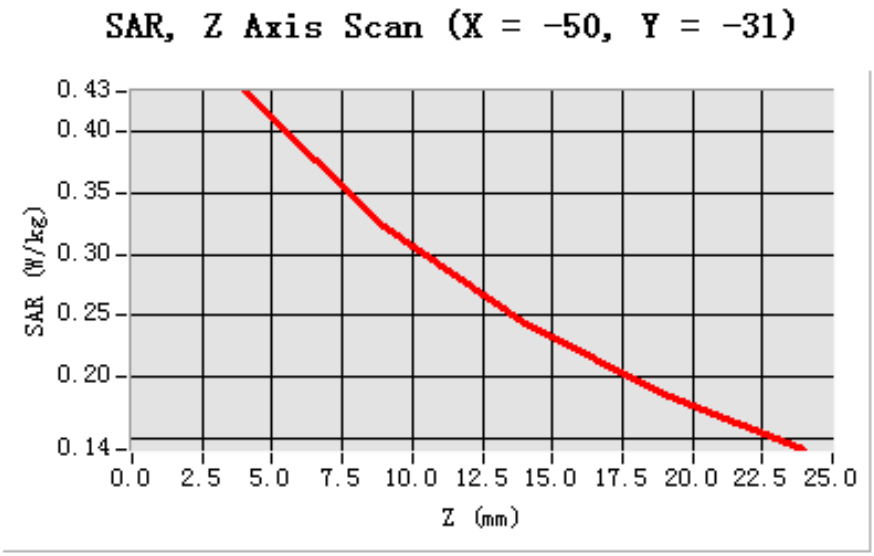
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Right head
Device Position	Cheek
Band	WCDMA band Ⅱ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

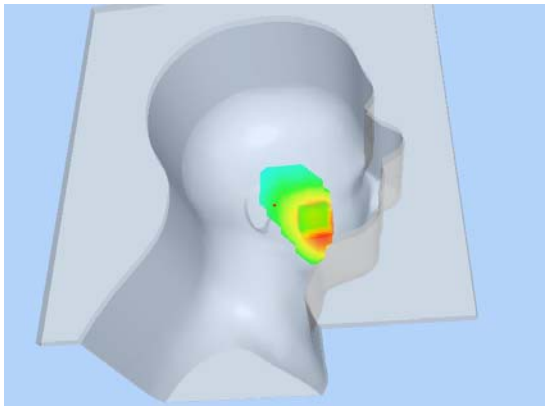
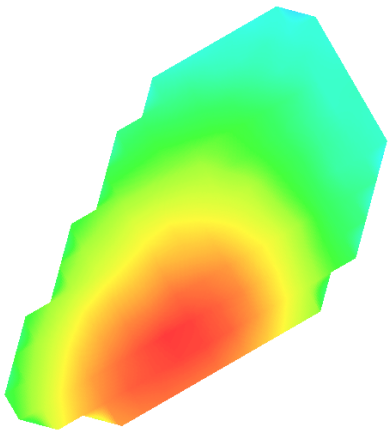
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-50.00, Y=-31.00

SAR 10g (W/Kg)	0.294658
SAR 1g (W/Kg)	0.419035

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.4357	0.3246	0.2431	0.1856



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: AM65

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; σ = 1.42 mho/m; ε r =41.21; ρ = 1000 kg/m^3 ;

Phantom section: Right Section

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

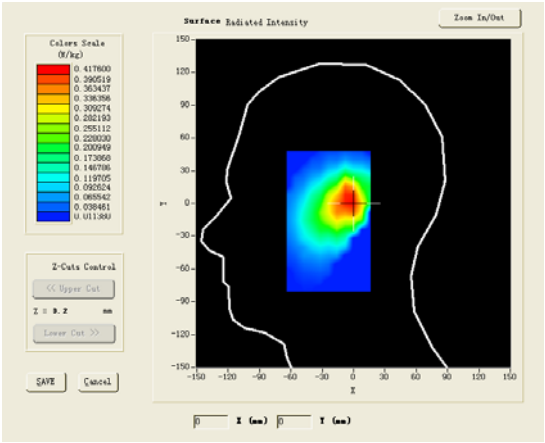
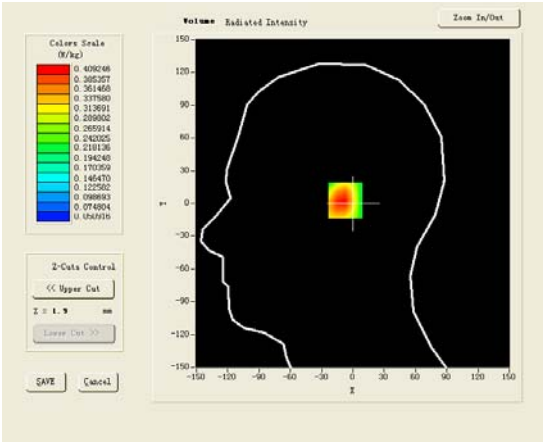
Satimo Configuration:

- 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;

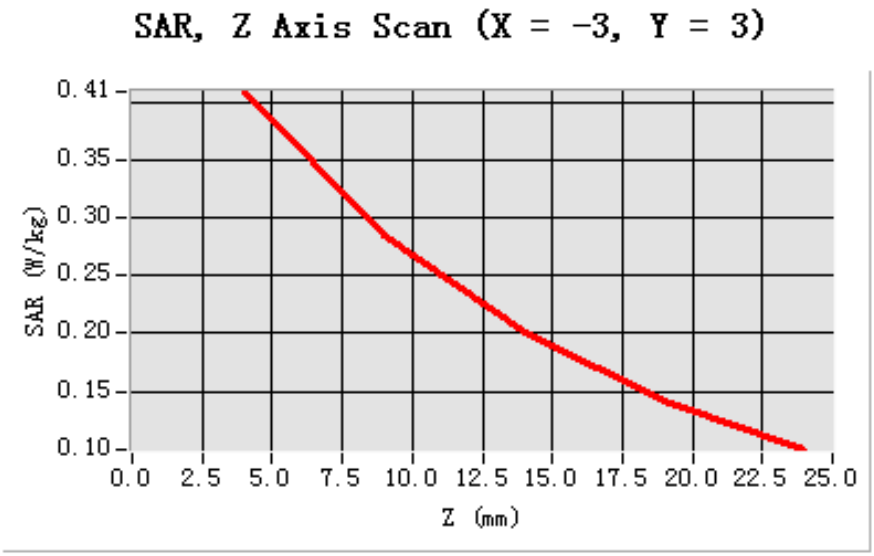
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Right head
Device Position	Tilt
Band	WCDMA band Ⅱ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

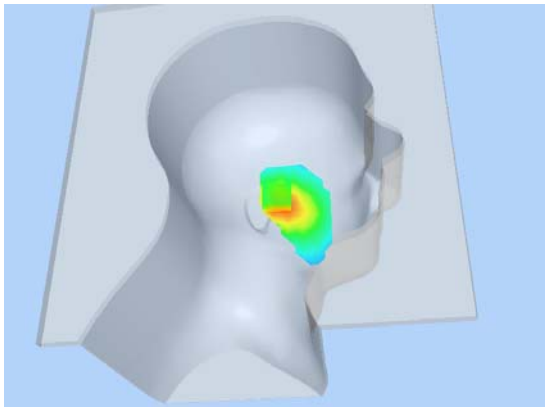
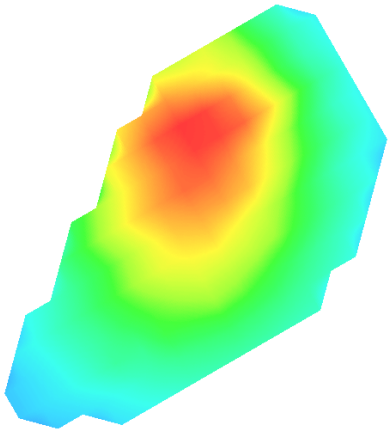
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-3.00, Y=3.00

SAR 10g (W/Kg)	0.254198
SAR 1g (W/Kg)	0.391065

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.4088	0.2867	0.2015	0.1431



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: AM65

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; σ =1.51 mho/m; ε_r =53.36; ρ = 1000 kg/m^3 ;

Phantom section: Flat Section

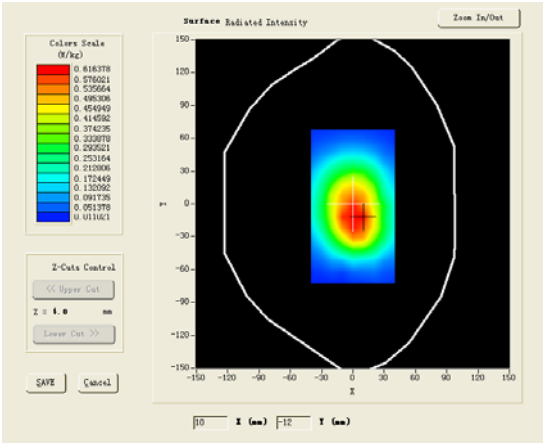
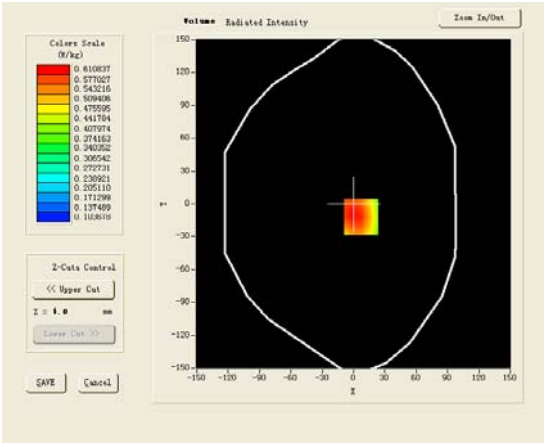
Ambient temperature (℃):21, Liquid temperature (℃):21

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;

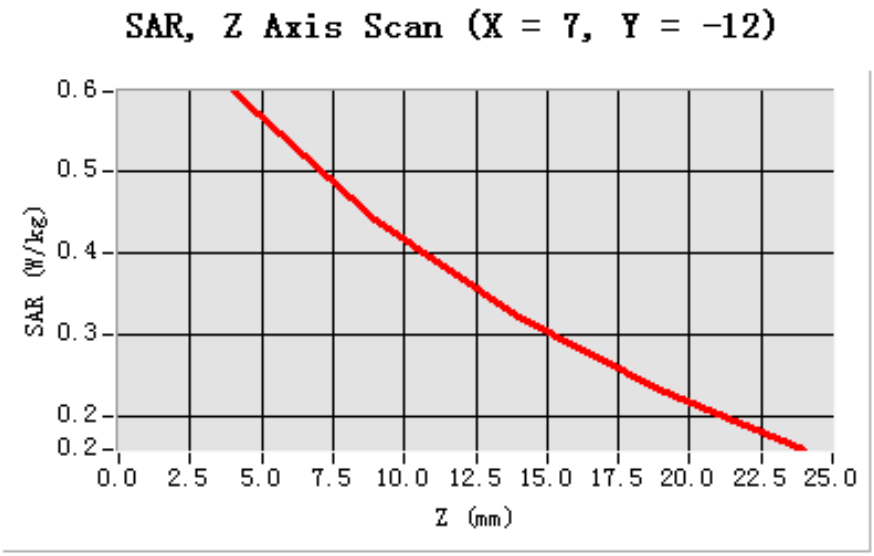
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA band Ⅱ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

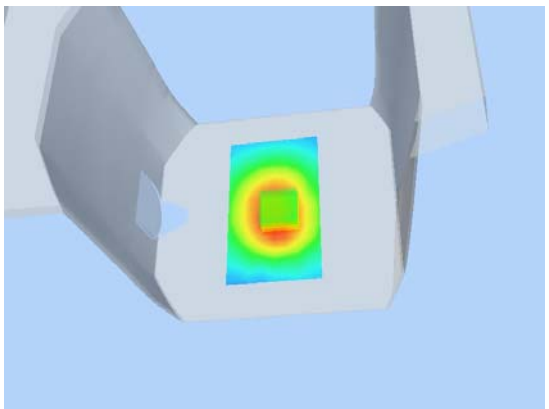
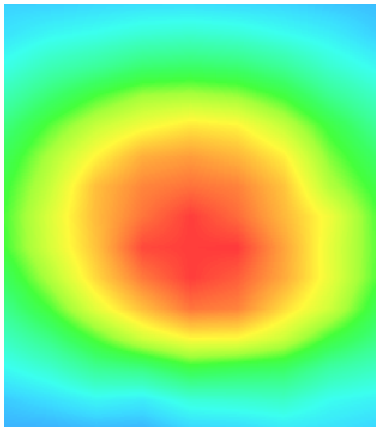
SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=-12.00

SAR 10g (W/Kg)	0.445049
SAR 1g (W/Kg)	0.632167

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.5936	0.4416	0.3231	0.2319



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: AM65

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; σ =1.51 mho/m; ε_r =53.36; ρ = 1000 kg/m^3 ;

Phantom section: Flat Section

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

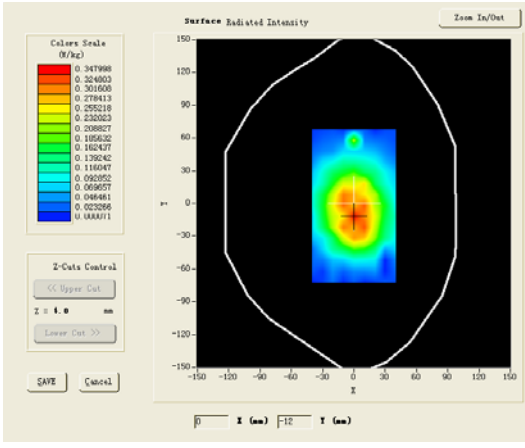
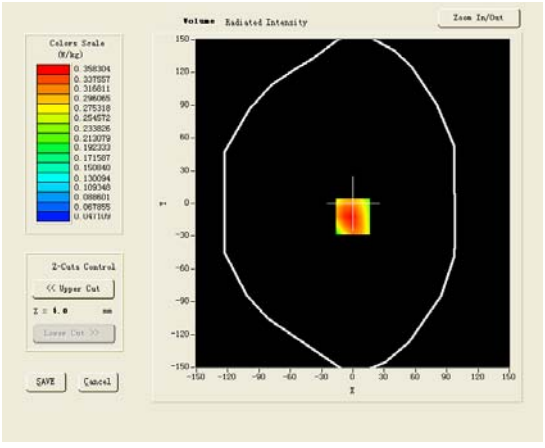
Satimo Configuration:

- 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;

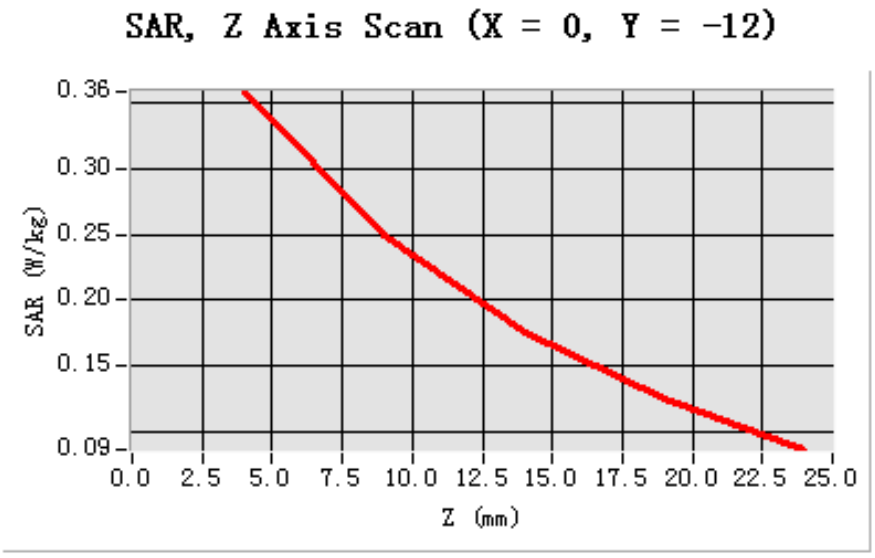
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Front
Band	WCDMA band Ⅱ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

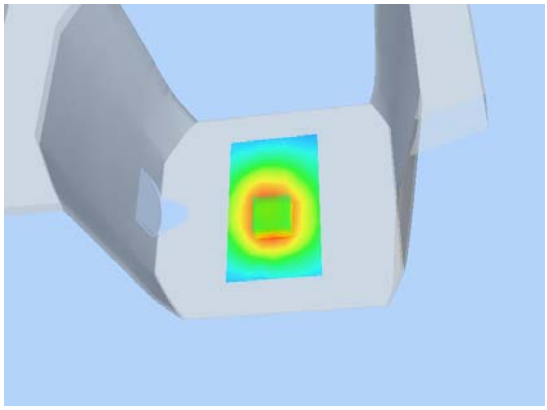
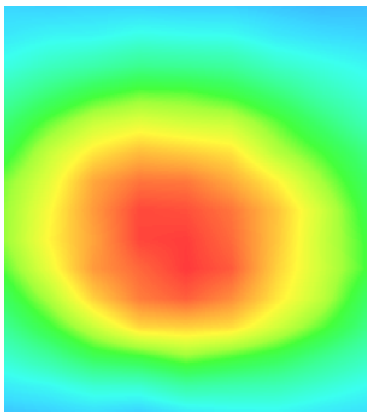
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=-12.00

SAR 10g (W/Kg)	0.244152
SAR 1g (W/Kg)	0.375096

Z (mm)	**0.00**	**4.00**	**9.00**	**14.00**	**19.00**
SAR (W/Kg)	**0.0000**	**0.3565**	**0.2487**	**0.1726**	**0.1268**



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: AM65

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; σ =1.51 mho/m; ε r =53.36; ρ = 1000 kg/m^3 ;

Phantom section: Flat Section

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

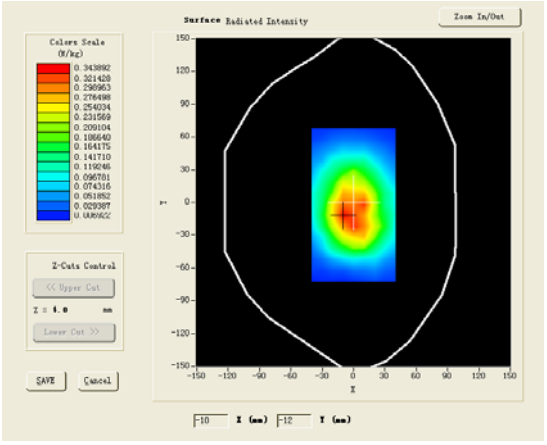
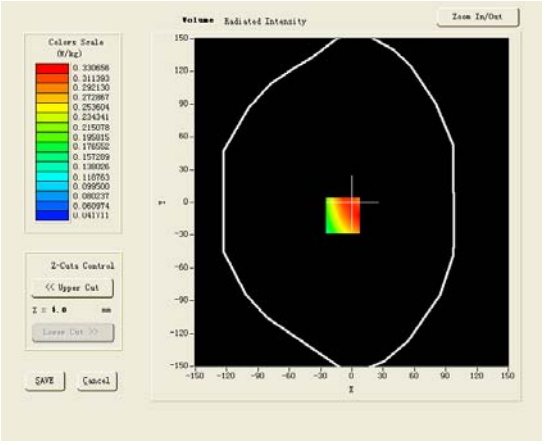
Satimo Configuration:

- 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;

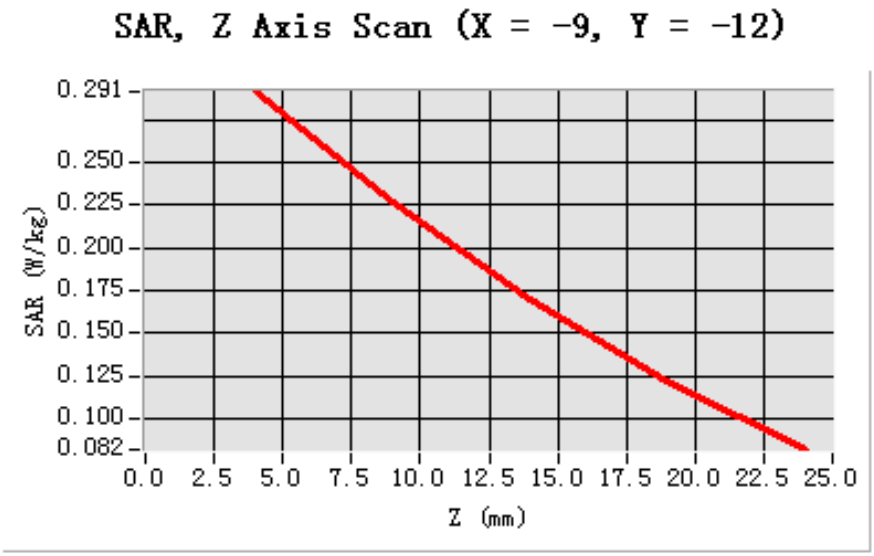
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA band Ⅱ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

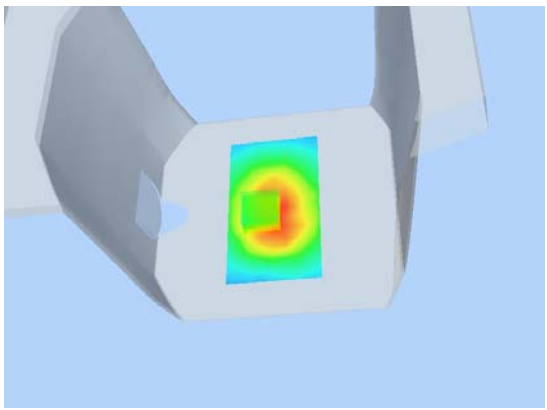
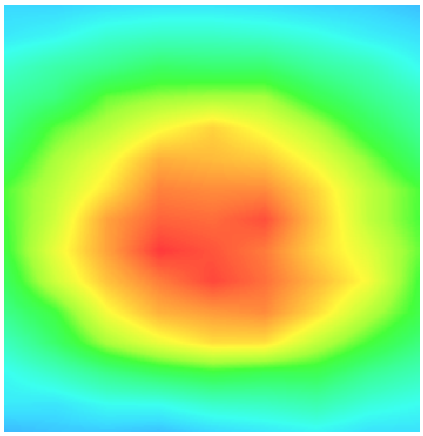
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-9.00, Y=-12.00

SAR 10g (W/Kg)	0.240241
SAR 1g (W/Kg)	0.345062

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2923	0.2268	0.1676	0.1222



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: AM65

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; σ =1.51 mho/m; ε r =53.36; ρ = 1000 kg/m^3 ;

Phantom section: Flat Section

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

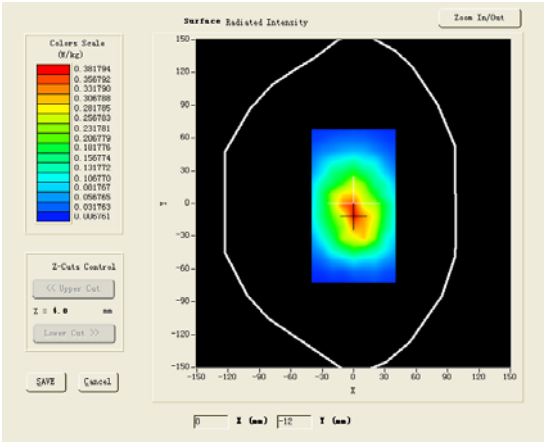
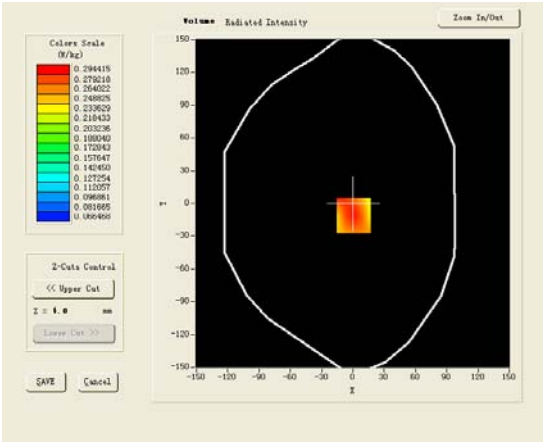
Satimo Configuration:

- 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;

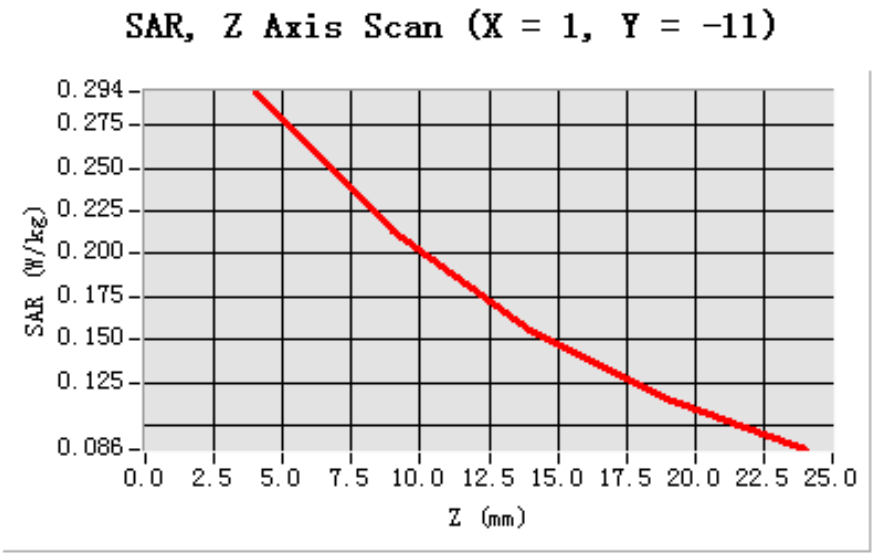
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA band Ⅱ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

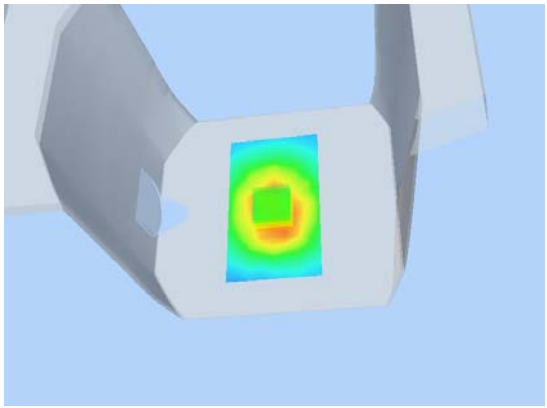
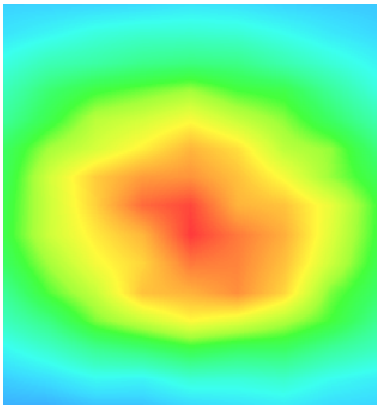
SURFACE SAR	VOLUME SAR
	

Maximum location: X=1.00, Y=-11.00

SAR 10g (W/Kg)	0.21861
SAR 1g (W/Kg)	0.307125

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2952	0.2136	0.1529	0.1172



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: AM65

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 =0.92 mho/m; ε_r =41.73;
ρ = 1000 kg/m³ ;
Phantom section: Left Section
Ambient temperature (℃): 21, Liquid temperature (℃): 21

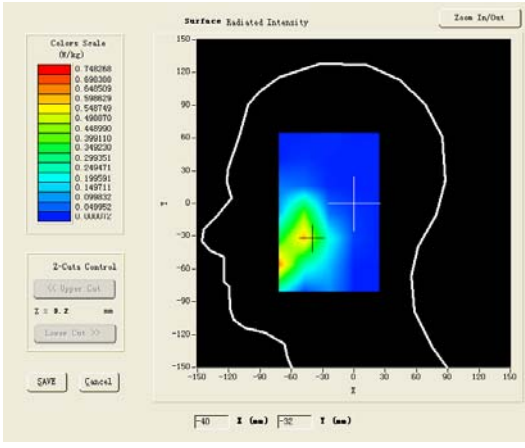
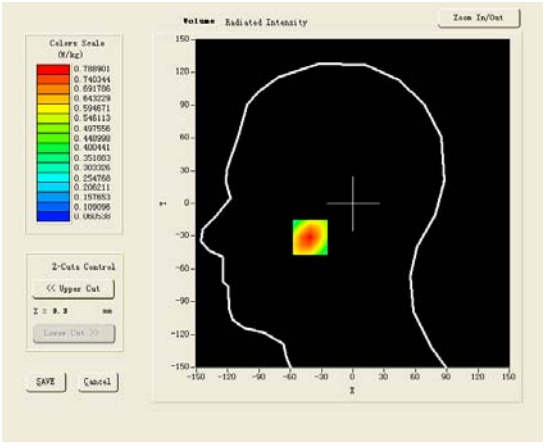
Satimo Configuration:
Probe:SSE5; Calibrated: 12/09/2011

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

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

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

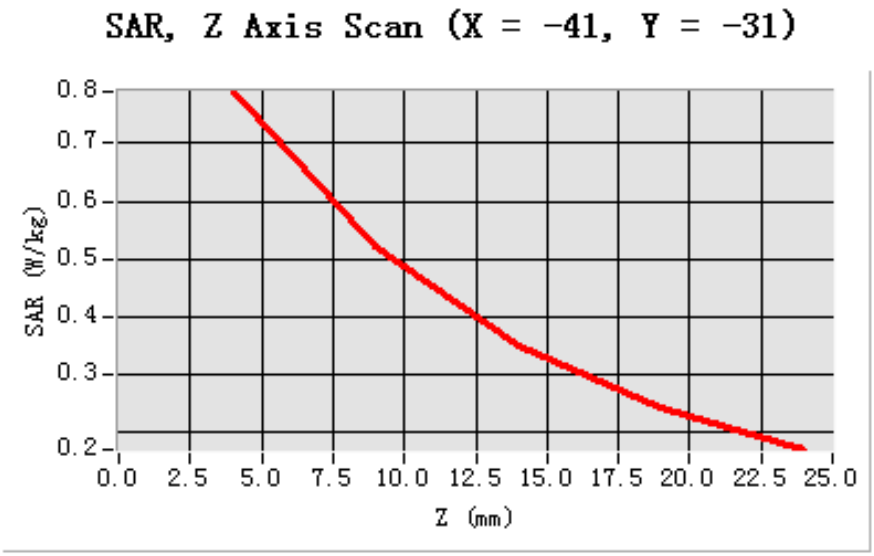
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Left head
Device Position	Cheek
Band	WCDMA Band Ⅴ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

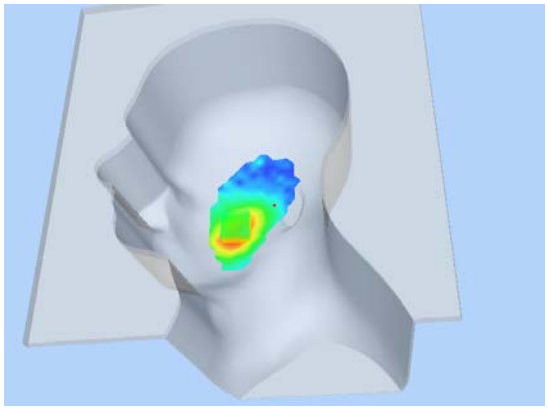
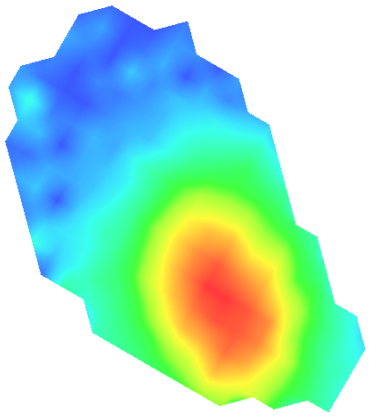
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-41.00, Y=-31.00

SAR 10g (W/Kg)	0.462540
SAR 1g (W/Kg)	0.743196

Z (mm)	**0.00**	**4.00**	**9.00**	**14.00**	**19.00**
SAR (W/Kg)	**0.0000**	**0.7855**	**0.5213**	**0.3516**	**0.2457**



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: AM65

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 =0.92 mho/m; ε_r =41.73; ρ = 1000 kg/m³ ;

Phantom section: Left Section

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

Satimo Configuration:

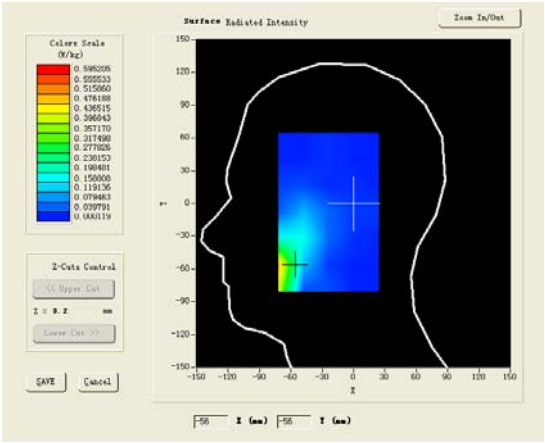
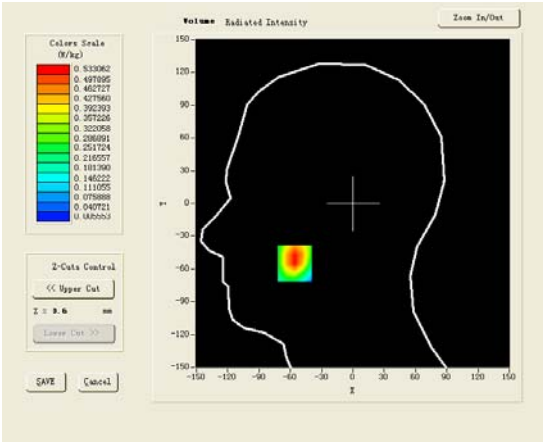
Probe:SSE5; Calibrated: 12/09/2011

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

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

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

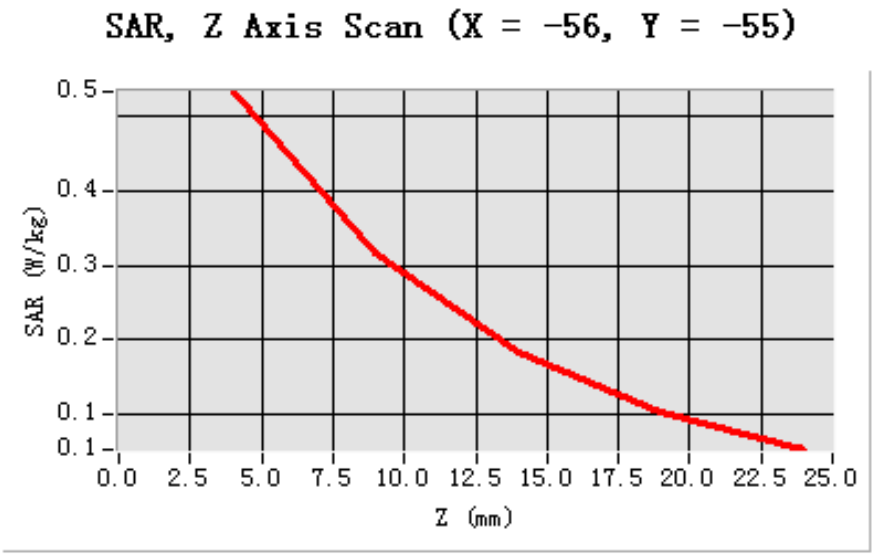
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Left head
Device Position	Tilt
Band	WCDMA Band Ⅴ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

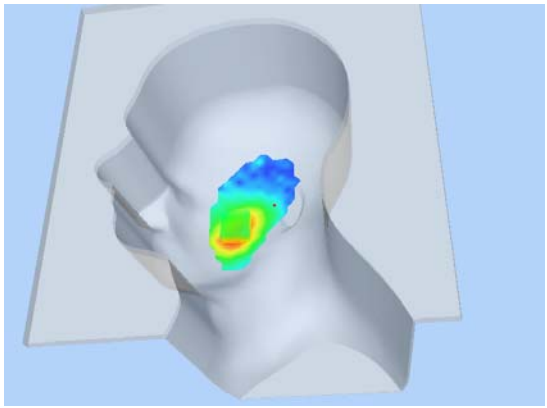
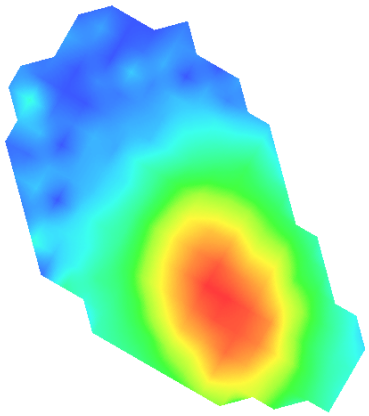
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	0.272541
SAR 1g (W/Kg)	0.513546

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.5359	0.3161	0.1839	0.1067



3D screen shot	Hot spot position
	

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

WCDMA Band Ⅴ Middle touch-Right (RMC)

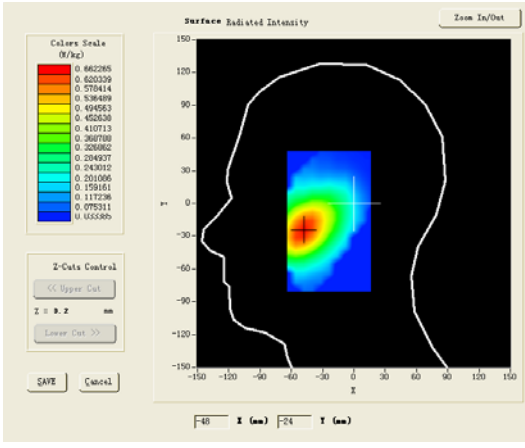
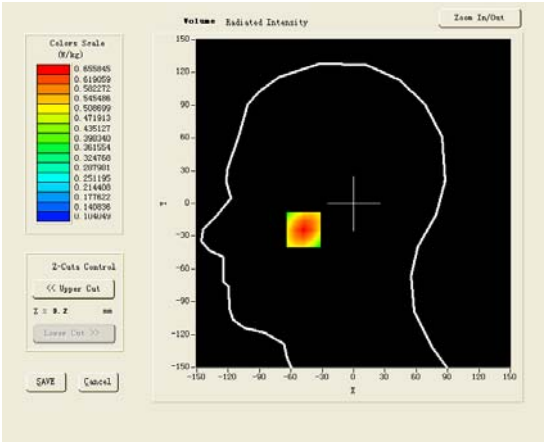
DUT:Mobile Phone; Type: AM65

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 =0.92 mho/m; ε_r =41.73;
ρ = 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;

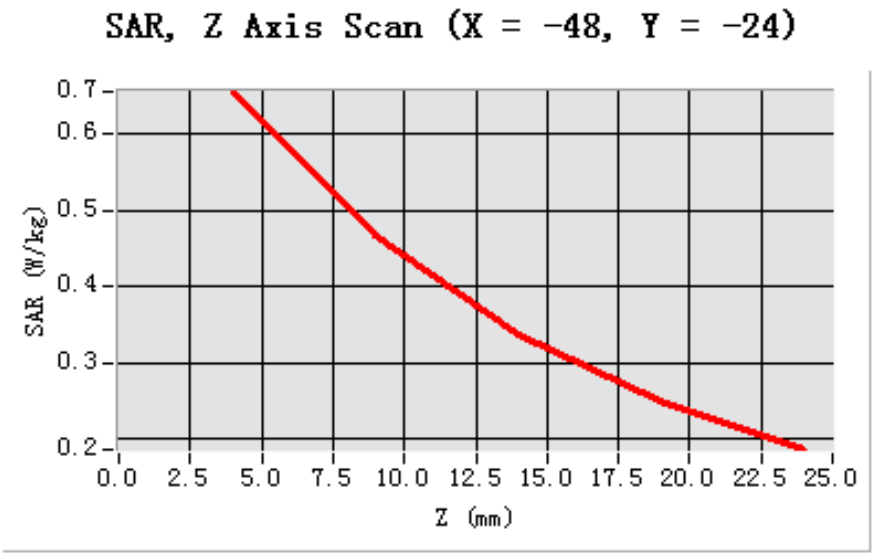
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Right head
Device Position	Cheek
Band	WCDMA Band Ⅴ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

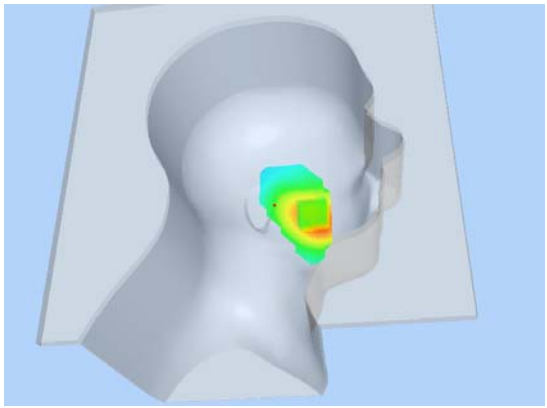
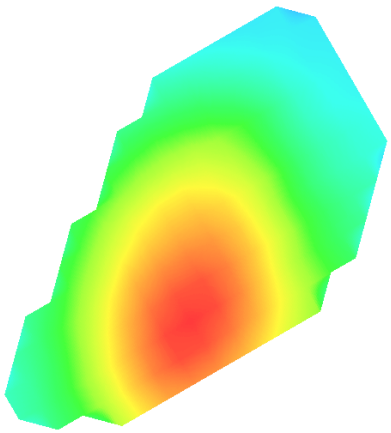
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-48.00, Y=-24.00

SAR 10g (W/Kg)	0.424157
SAR 1g (W/Kg)	0.622197

Z (mm)	**0.00**	**4.00**	**9.00**	**14.00**	**19.00**
SAR (W/Kg)	**0.0000**	**0.6565**	**0.4677**	**0.3379**	**0.2525**



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: AM65

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 =0.92 mho/m; ε r =41.73; ρ = 1000 kg/m^3 ;

Phantom section: Right Section

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

Satimo Configuration:

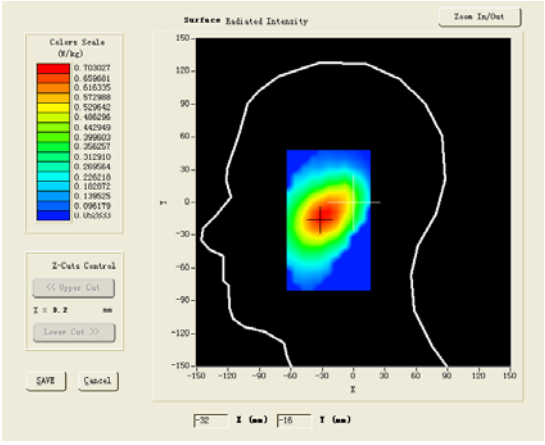
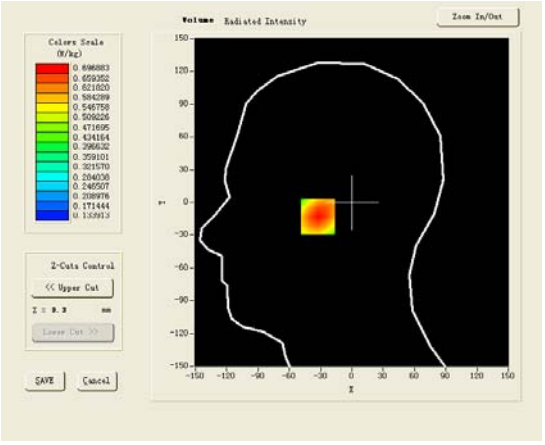
Probe:SSE5; Calibrated: 12/09/2011

- 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;

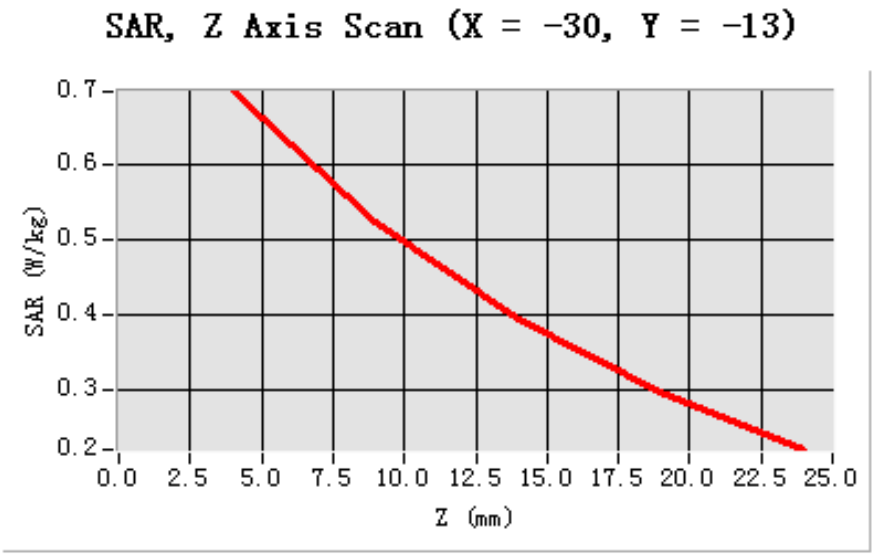
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Right head
Device Position	Tilt
Band	WCDMA Band Ⅴ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

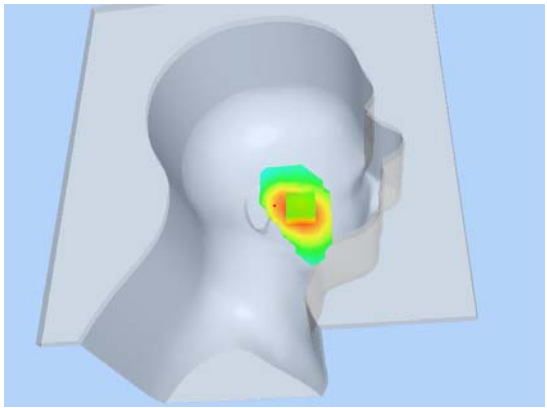
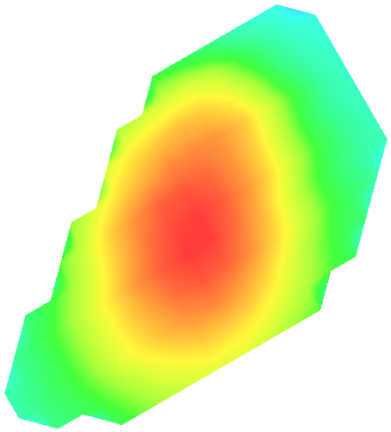
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-30.00, Y=-13.00

SAR 10g (W/Kg)	0.473957
SAR 1g (W/Kg)	0.663134

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.6972	0.5258	0.3964	0.2989



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: AM65

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; ε r =55.13;
ρ = 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃):21, Liquid temperature (℃):21

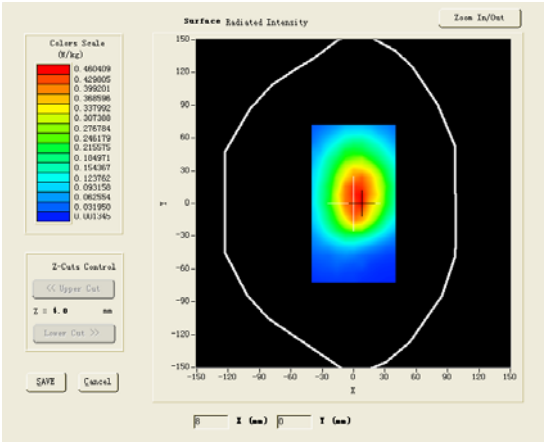
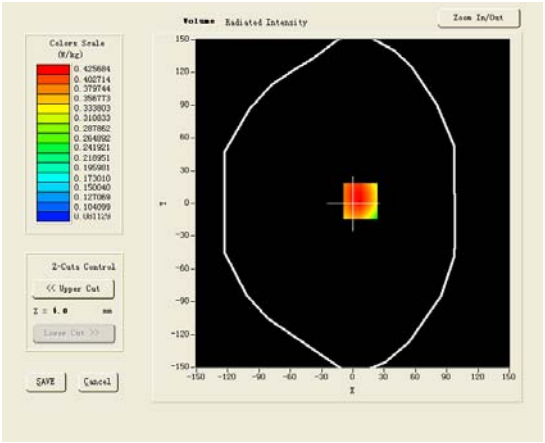
Satimo Configuration:
Probe:SSE5; Calibrated: 12/09/2011

- 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;

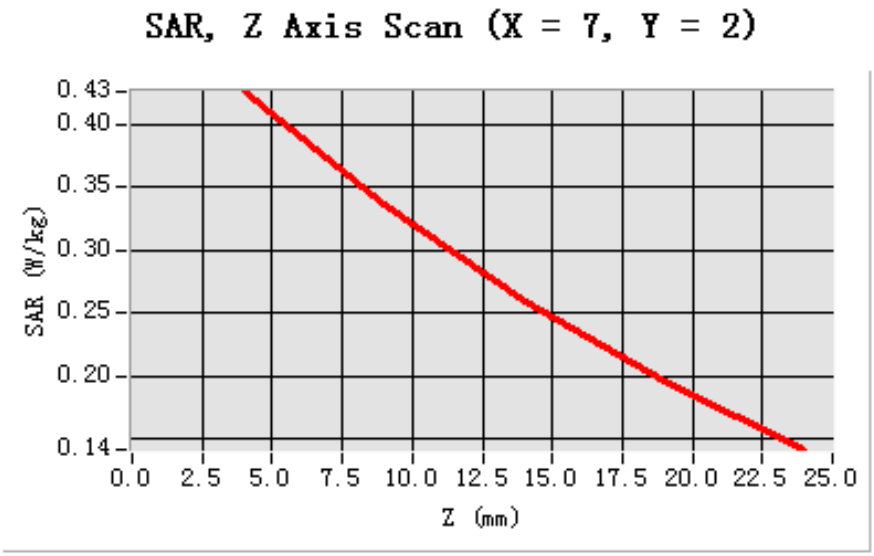
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band Ⅴ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

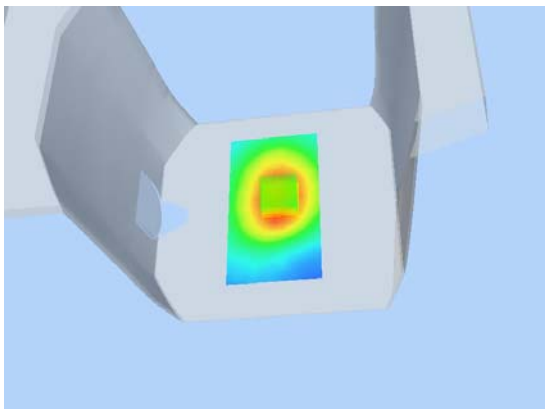
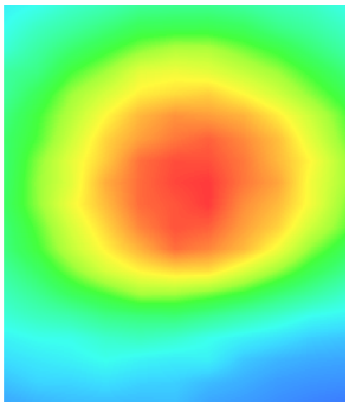
SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=2.00

SAR 10g (W/Kg)	0.327164
SAR 1g (W/Kg)	0.448149

Z (mm)	**0.00**	**4.00**	**9.00**	**14.00**	**19.00**
SAR (W/Kg)	**0.0000**	**0.4262**	**0.3358**	**0.2571**	**0.1960**



3D screen shot	**Hot spot position**
	

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

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

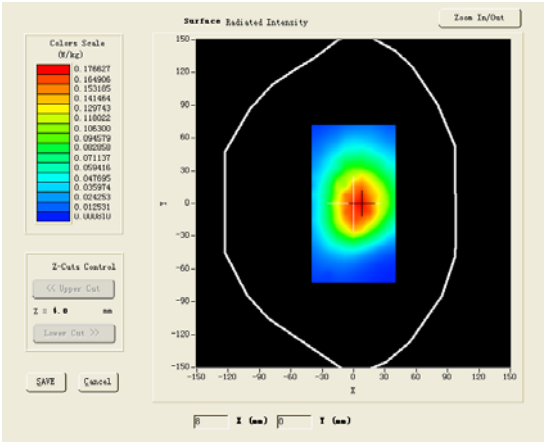
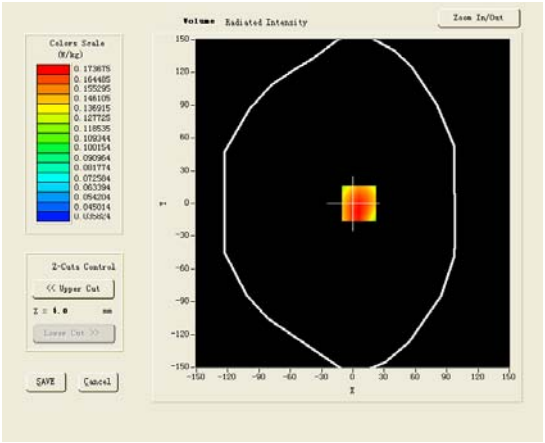
DUT:Mobile Phone; Type: AM65

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; ε_r =55.13;
ρ = 1000kg/m^3 ;
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;

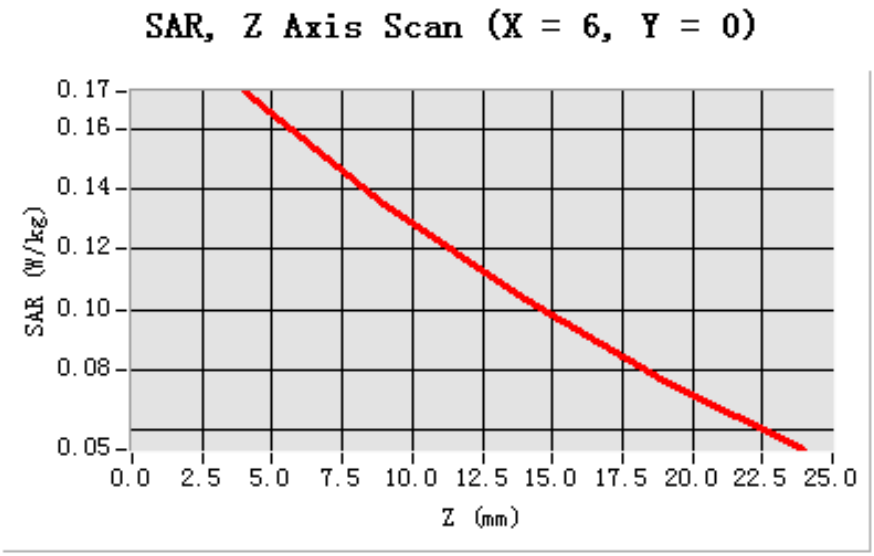
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Front
Band	WCDMA Band Ⅴ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

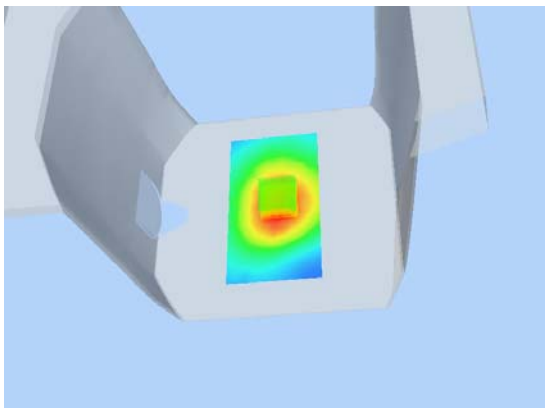
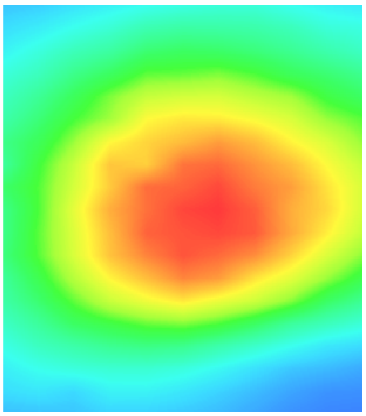
SURFACE SAR	VOLUME SAR
	

Maximum location: X=6.00, Y=0.00

SAR 10g (W/Kg)	0.135622
SAR 1g (W/Kg)	0.185065

Z (mm)	**0.00**	**4.00**	**9.00**	**14.00**	**19.00**
SAR (W/Kg)	**0.0000**	**0.1735**	**0.1356**	**0.1052**	**0.0766**



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: AM65

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; ε r =55.13; ρ = 1000kg/m^3 ;

Phantom section: Flat Section

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

Satimo Configuration:

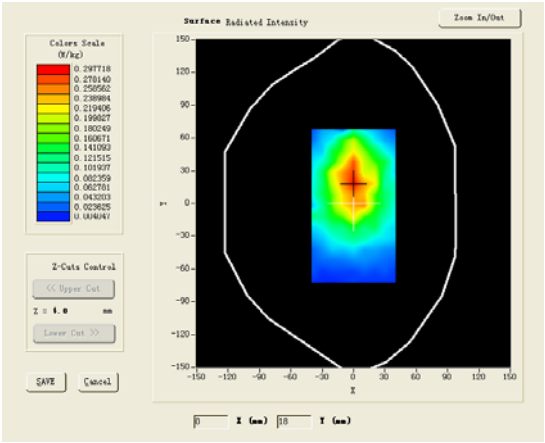
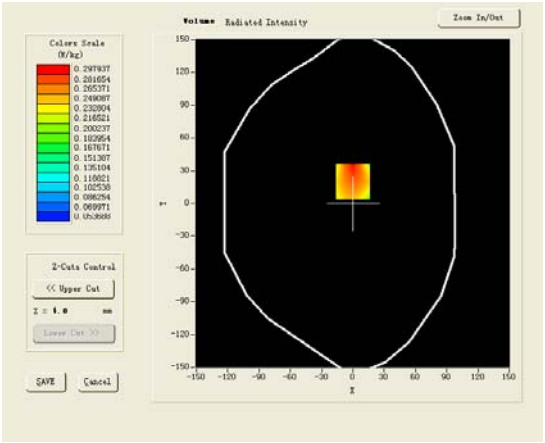
Probe:SSE5; Calibrated: 12/09/2011

- 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;

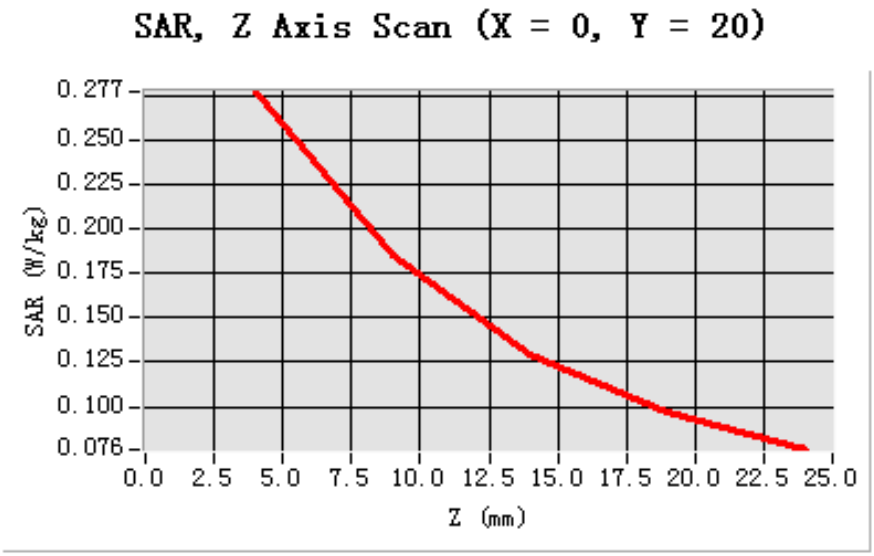
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band Ⅴ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

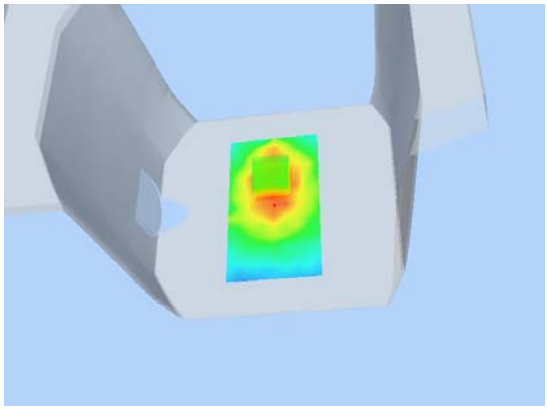
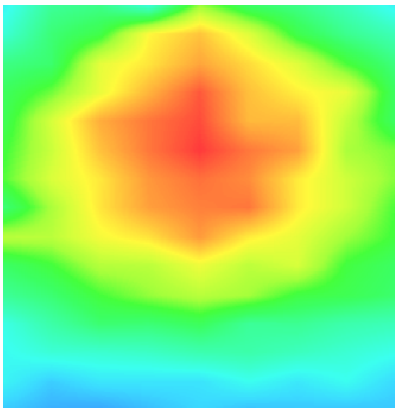
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=20.00

SAR 10g (W/Kg)	0.205374
SAR 1g (W/Kg)	0.306118

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2792	0.1858	0.1288	0.0967



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: AM65

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; ε_r =55.13; ρ = 1000kg/m^3 ;

Phantom section: Flat Section

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

Satimo Configuration:

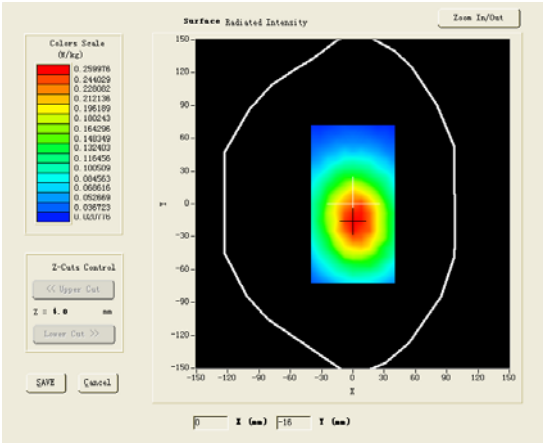
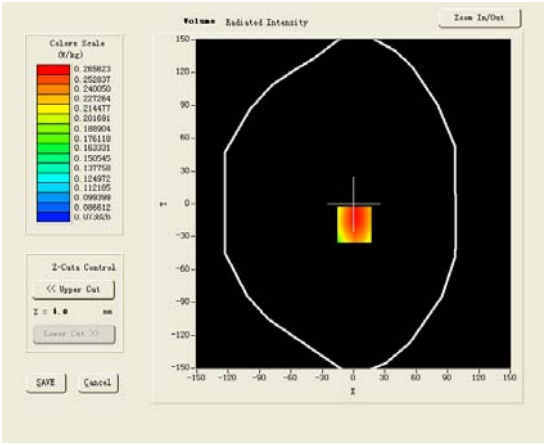
Probe:SSE5; Calibrated: 12/09/2011

- 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;

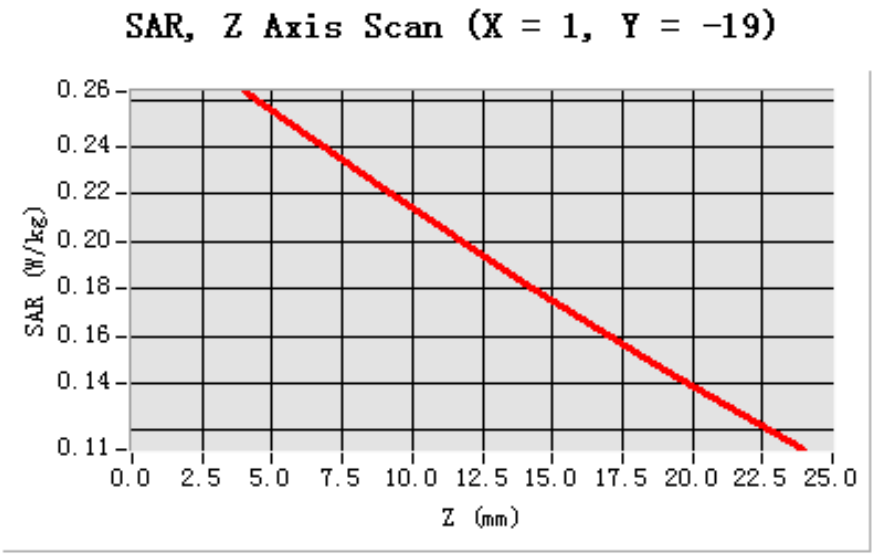
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band Ⅴ
Channels	Middle
Signal	TDMA (Crest factor: 1.0)

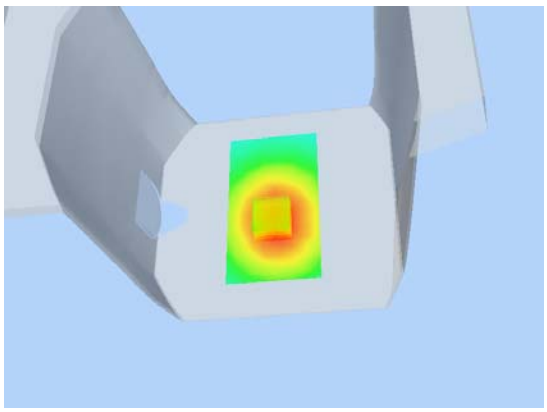
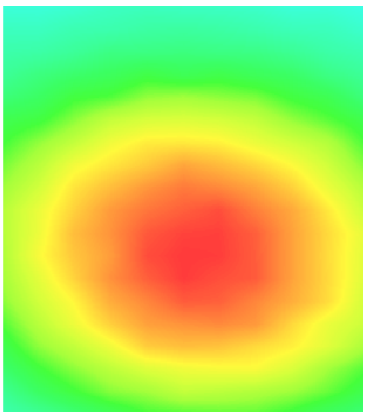
SURFACE SAR	VOLUME SAR
	

Maximum location: X=1.00, Y=-19.00

SAR 10g (W/Kg)	0.205117
SAR 1g (W/Kg)	0.253263

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2653	0.2225	0.1833	0.1461

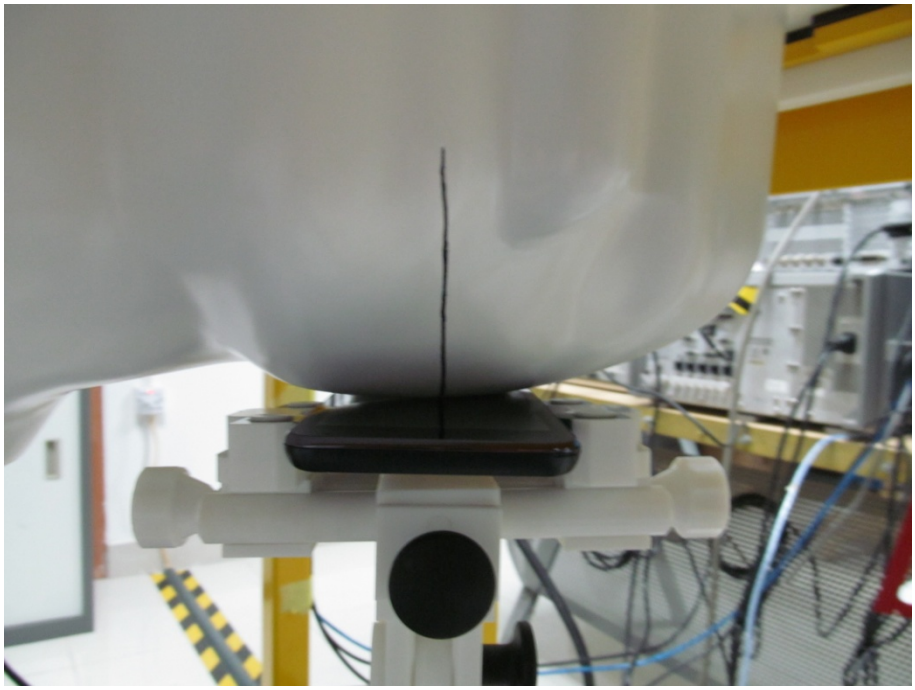


3D screen shot	Hot spot position
	

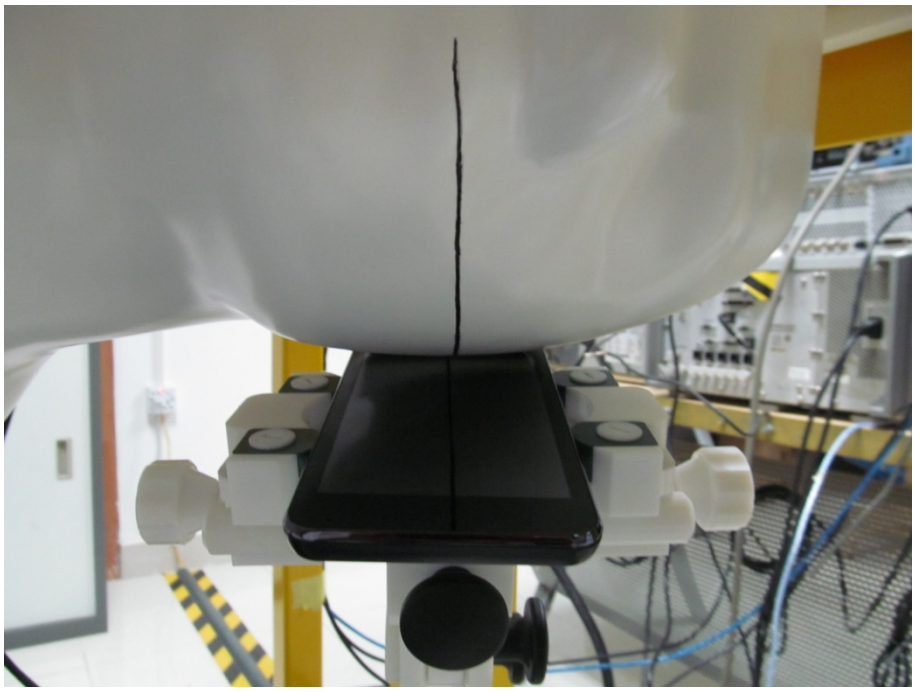
Appendix C. TEST SETUP PHOTOGRAPHS &EUT PHOTOGRAPS

Test Setup Photographs

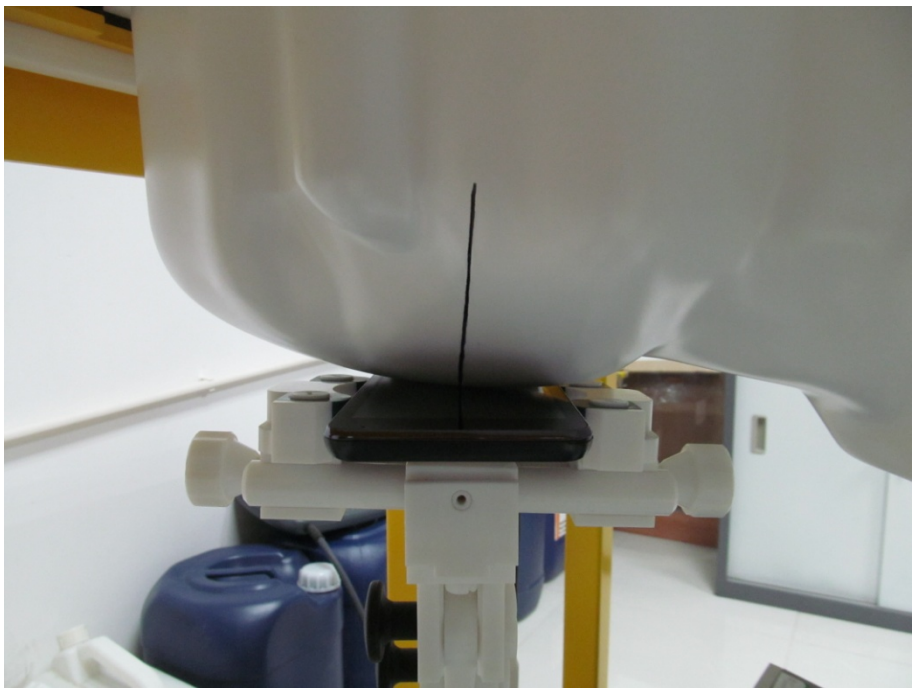
LEFT-CHECK TOUCH



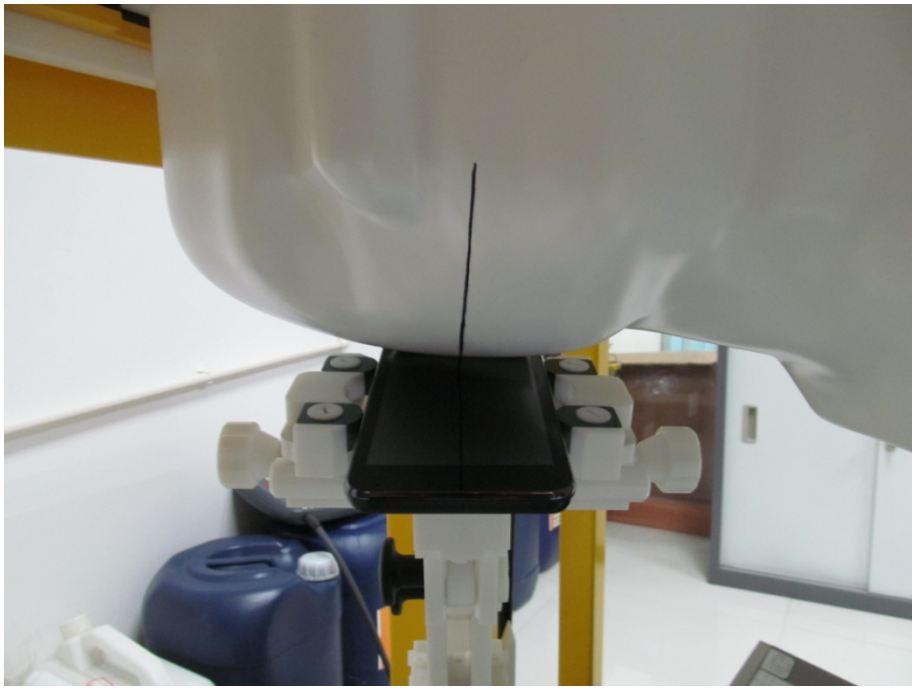
LEFT-TILT 15^0



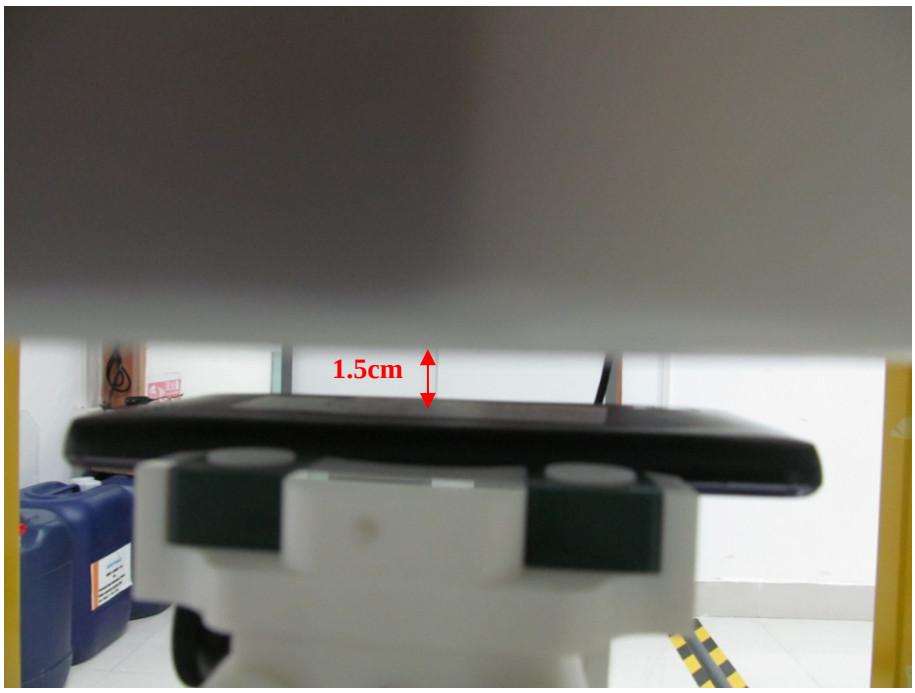
RIGHT-CHECK TOUCH



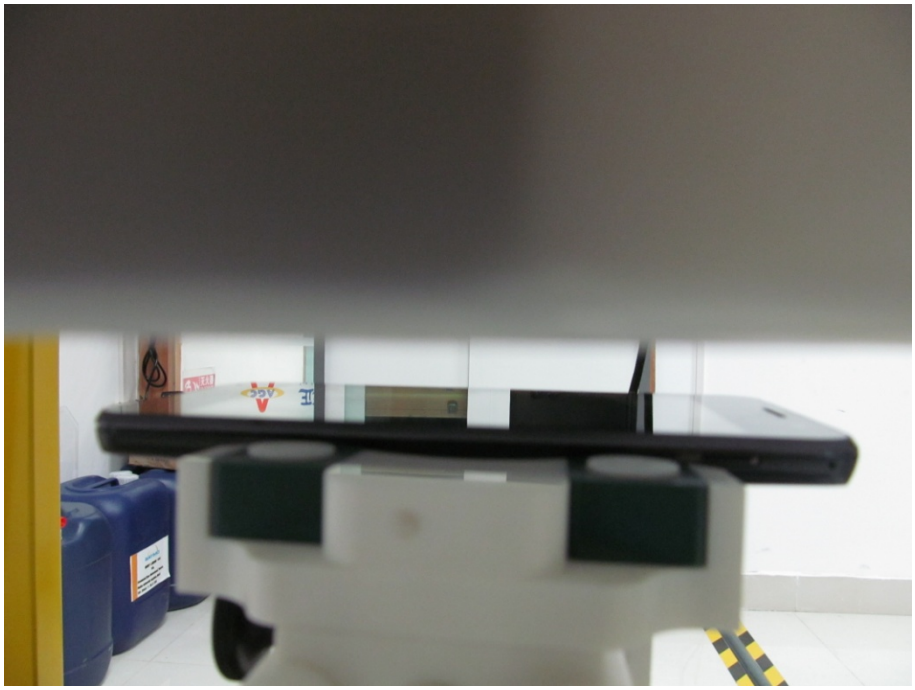
RIGHT-TILT 15^0



Body Back15mm



Body Front15mm



Body back with Headset

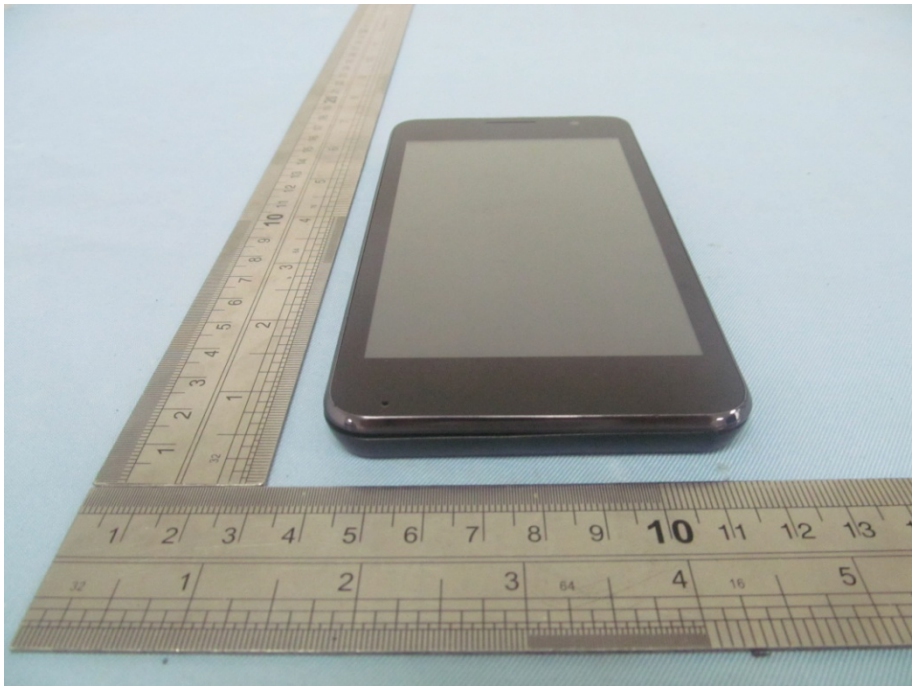
DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

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

EUT PHOTOGRAPS

TOP VIEW OF EUT

BOTTOM VIEW OF EUT

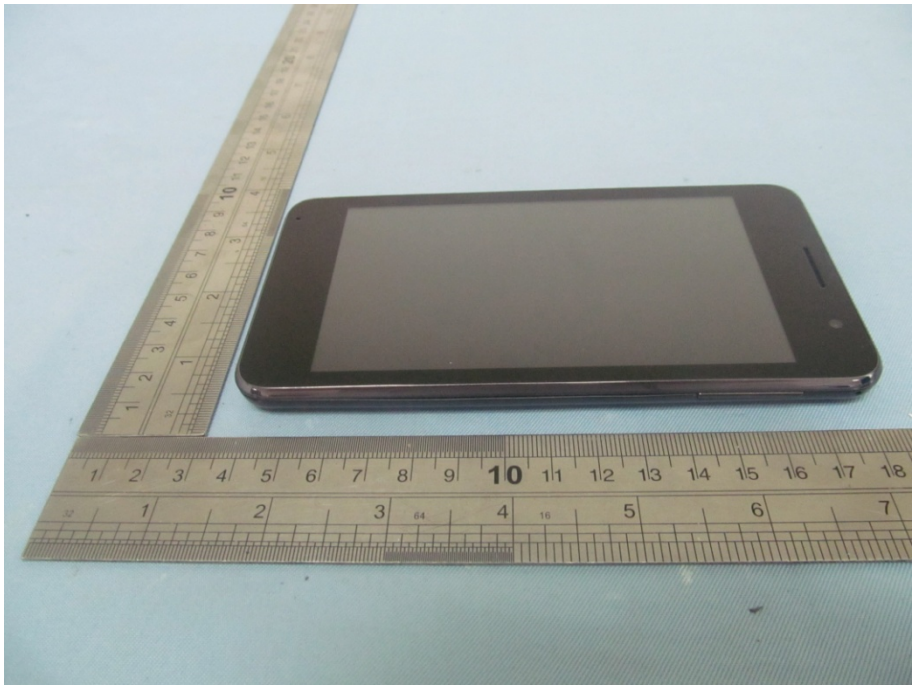


FRONT VIEW OF EUT

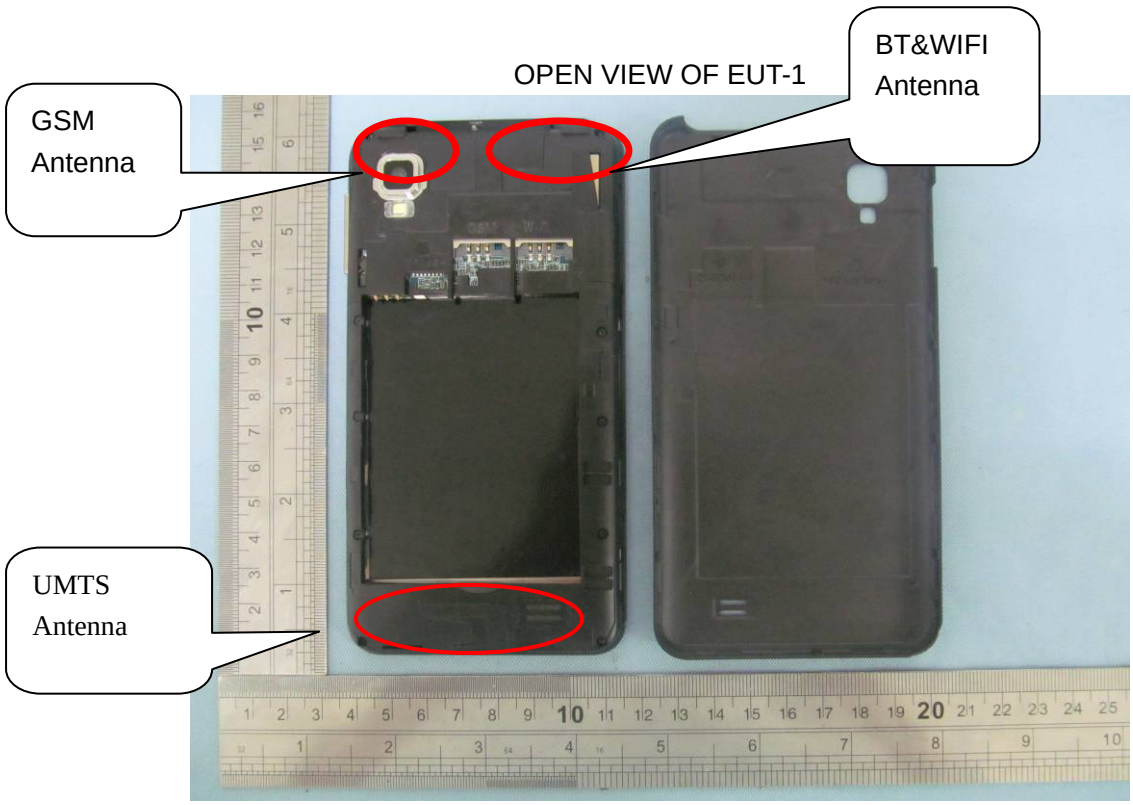
BACK VIEW OF EUT

LEFT VIEW OF EUT

RIGHT VIEW OF EUT



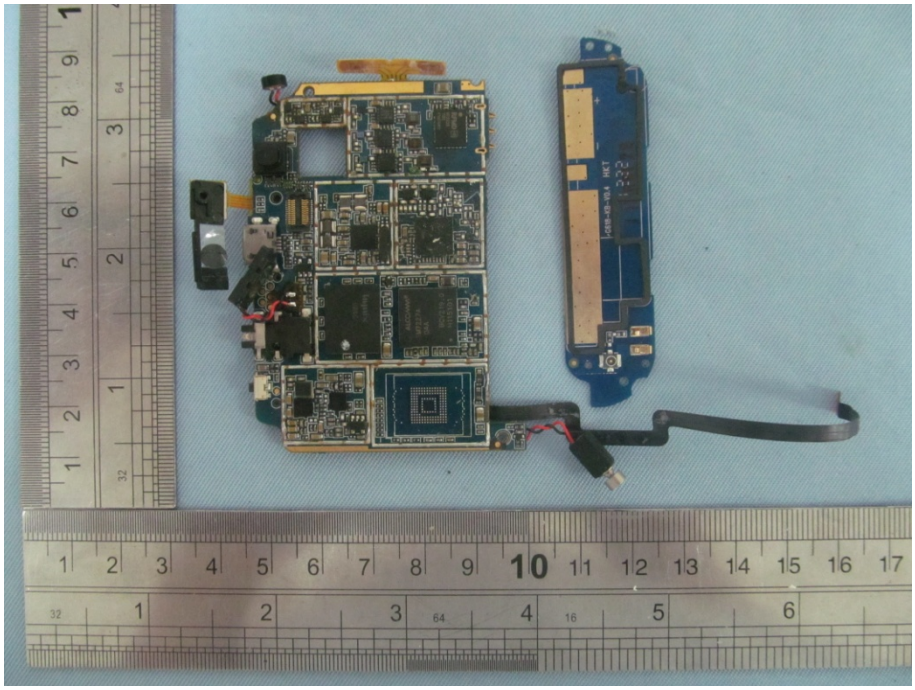
OPEN VIEW OF EUT-1



INTERNAL VIEW OF EUT-1

OPEN VIEW OF EUT-3

INTERNAL VIEW OF EUT-1



INTERNAL VIEW OF EUT-2