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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;  $\sigma = 0.99$  mho/m;

εr = 41.37;ρ = 1000 kg/m³; Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

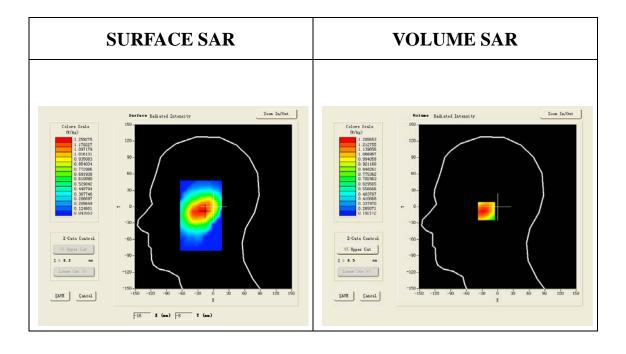
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

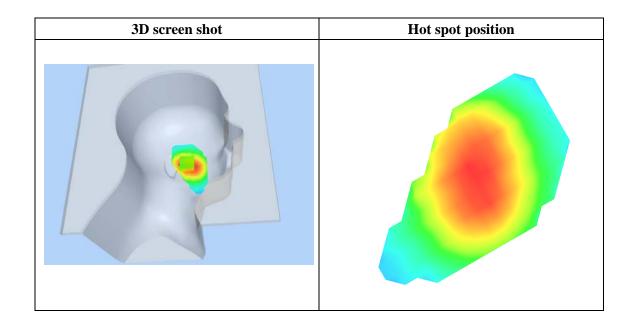


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**Maximum location: X=-18.00, Y=-8.00** 

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
1	SAR, Z	Axis Scan	(X = -18,	A = -8)	ı
/kg)	.0-				
SAR	1.8-				
0	0.0 2.5 5	.0 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	
			Z (mm)		



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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;  $\sigma = 0.99$  mho/m;

εr = 41.37;p = 1000 kg/m³;
Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

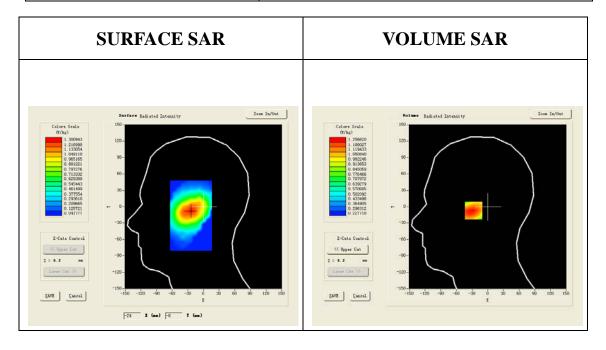
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

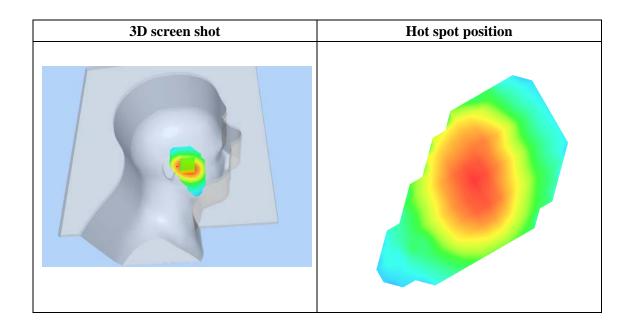


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**Maximum location: X=-24.00, Y=-7.00** 

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

0.0000		9.00	14.00	19.00
0.0000	1.2566	0.9217	0.6802	0.5060
	Axis Scan	(X = -24,	¥ = -7)	.
8-				
6-				
4-				
0.0 2.5 5.			5 20.0 22.5 25.	. 0
	3 - 0 - 8 - 6 - 4 - 4 - 1	0- 8- 6- 4- 0.0 2.5 5.0 7.5 10.0	3- 0- 8- 6- 4-	0-8-6-4-0.0 2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0 22.5 25



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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: 848.8 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.99$  mho/m;

er = 41.37;p = 1000 kg/m³;
Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

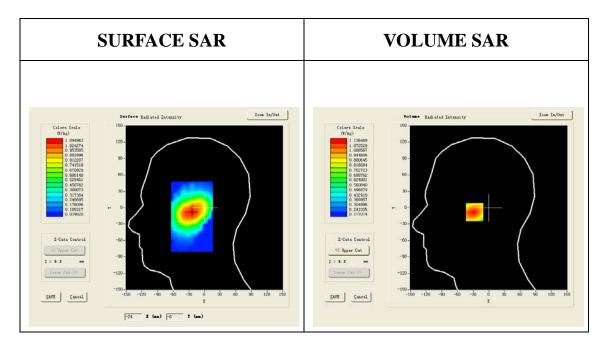
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

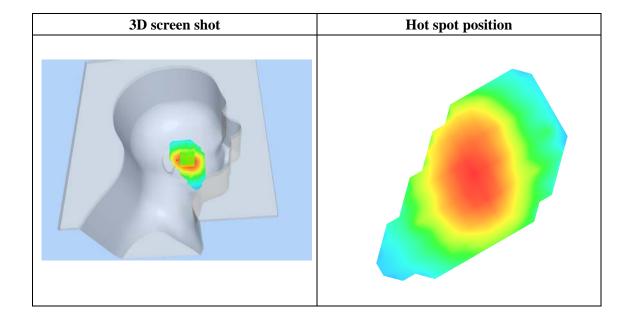


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**Maximum location: X=-24.00, Y=-8.00** 

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
		Axis Scan	(X = -24,	A = -8)	
1	1 -				-
1	. 0-	$\longrightarrow$	+		-
_ 0	). 9 –		+		-
(%/kg)	). 8 –	$\vdash$	+		-
≥ 0	). 7 –				-
SAR	). 6 –		$\rightarrow$		-
0	). 5 -				-
0	). 4 –		+	$\leftarrow$	-
0	). 3-				,
	0.0 2.5 5		12.5 15.0 17.9 (mm)	5 20.0 22.5 25	o. U



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Date: Aug. 11,2012

Test Laboratory: AGC Lab

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;  $\sigma = 0.99$  mho/m;  $\epsilon r = 41.37$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

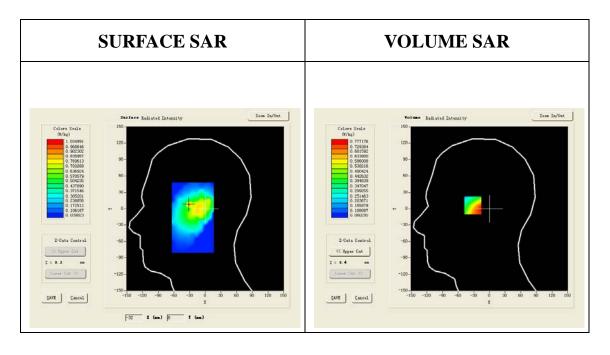
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

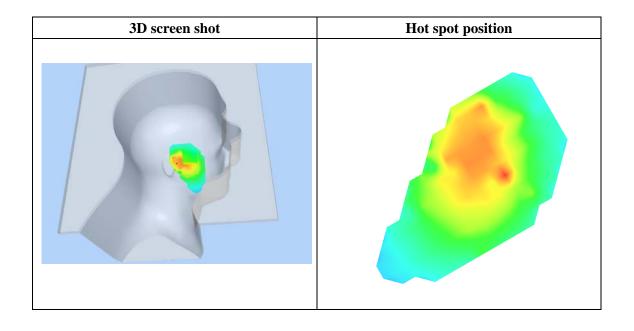


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Maximum location: X=-32.00, Y=8.00

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
		Axis Scan	(X = −32,	Y = 8)	
	), 56 -				
~ o	). 45 –	+	+		
(#/kg)	. 40 -	++	+		
ප පු	). 35 -		$\downarrow \downarrow \downarrow \downarrow$		
ა ი	). 35 -		$\rightarrow$		
0	. 25 -			$\Box$	
	). 19-				
	0.0 2.5 5		12.5 15.0 17.5 Z (mm)	5 20.0 22.5 25	0.0



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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: 836.6 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.99$  mho/m;  $\epsilon r = 41.37$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

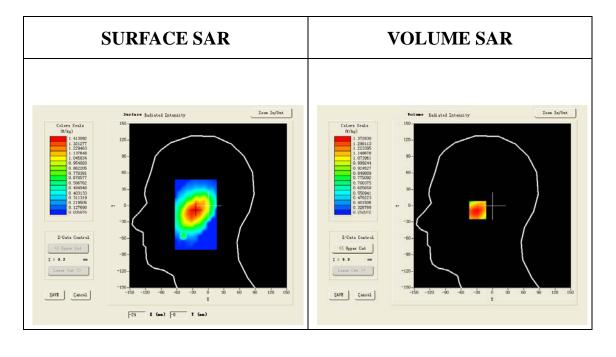
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)			

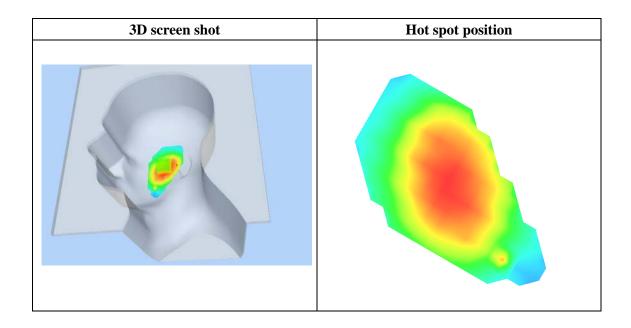


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**Maximum location: X=-25.00, Y=-8.00** 

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
1	SAR, Z	Axis Scan	(X = -25,	¥ = -8)	
	2-				
(%) (%) (%)	0-				
SAR (	). 8 -				
	). 6 -		++		
0	0.4-    0.0 2.5 5			5 20.0 22.5 25	. 0
		Z	(mm)		



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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;  $\sigma = 1.02$ mho/m;  $\epsilon r = 54.29$ ;

 $\rho$ = 1000 kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

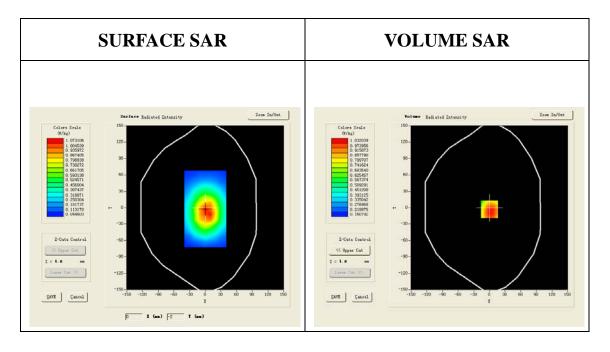
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

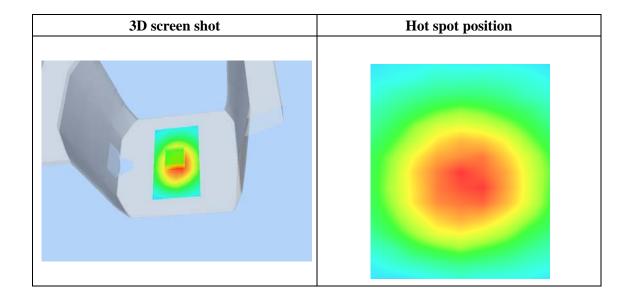


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Maximum location: X=0.00, Y=-3.00

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
		Axis Scar	n (X = 0,	<b>Y</b> = -3)	
	.0-				1
0	1.9-		+ + +		1
_ 0	1.8-	+	+		-
(#/kg)	. 7 –				
동 ()	6-				
SAR 0	.5-		<b>1</b>		
	. 3 -				
O	. 4-				
0	.3-		+ + +		1
	0.0 2.5 5			5 20.0 22.5 25	5. 0
Z (mm)					



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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;  $\sigma = 1.02$ mho/m;  $\epsilon r = 54.29$ ;

 $\rho$ = 1000 kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

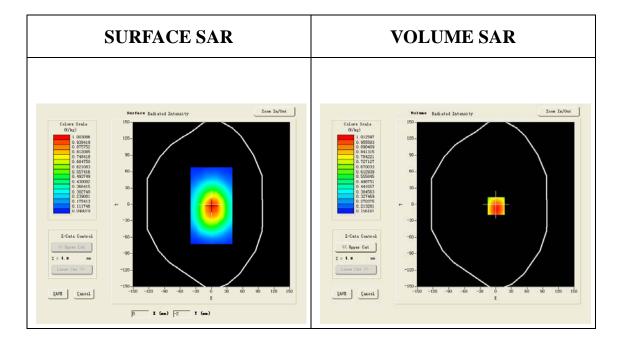
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)			

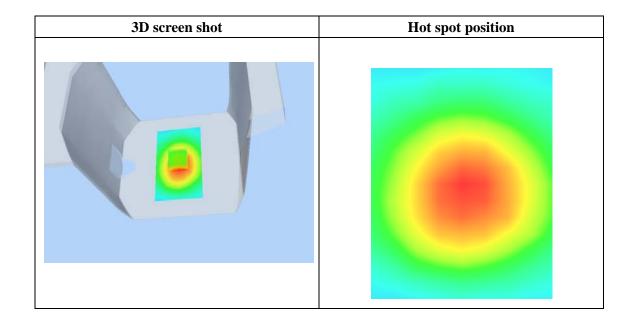


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Maximum location: X=1.02, Y=-3.00

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			
	SAR, Z Axis Scan $(X = 1, Y = -3)$							
	.0-							
	. 8 -							
€	6-							
O SAR	. 5 -							
0	. 4 -			$\Box$				
U	.3-    0.0 2.5 5	.0 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	. 0			
		7	(mm)					



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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;  $\sigma = 1.02$ mho/m;  $\epsilon r = 54.29$ ;

 $\rho$ = 1000 kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

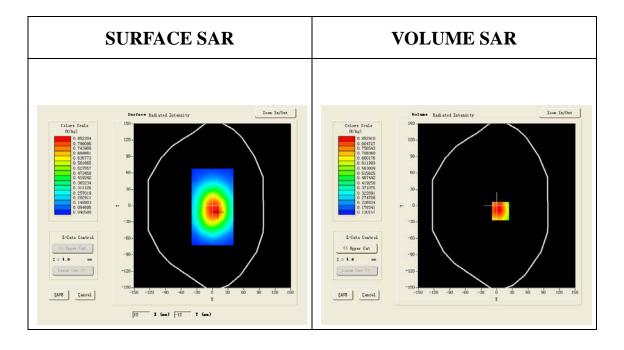
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

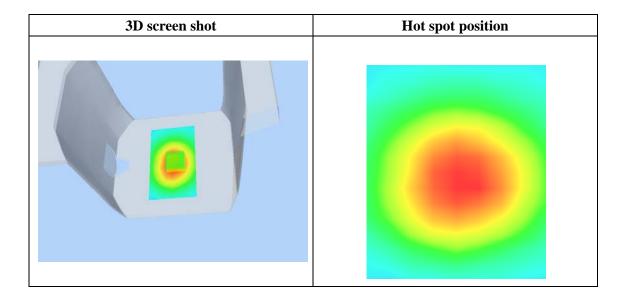


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Maximum location: X=7.00, Y=-10.00

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			
	SAR, Z Axis Scan ( $X = 7$ , $Y = -10$ )							
	). 9 - ). 8 -							
	). 7 –							
	), 6 -							
SAR (W/kg)	). 5 -							
, σ	). 4 –				-			
0	). 3 -							
0	).2-   0.0 2.5 5	.0 7.5 10.0	10 5 15 0 17	5 20.0 22.5 25	,			
	0.0 2.5 5		12.5 15.0 17. (mm)	5 ZU.U ZZ.5 Z5	. 0			



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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;  $\sigma = 1.02$  mho/m;  $\epsilon r = 54.29$ ;

 $\rho = 1000 \text{kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

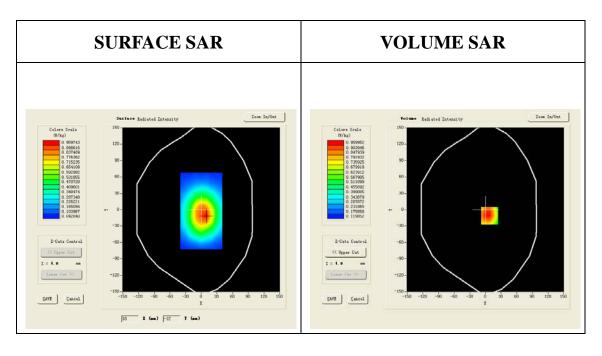
Sensor-Surface: 4mm (Mechanical Surface Detection)

· 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)		

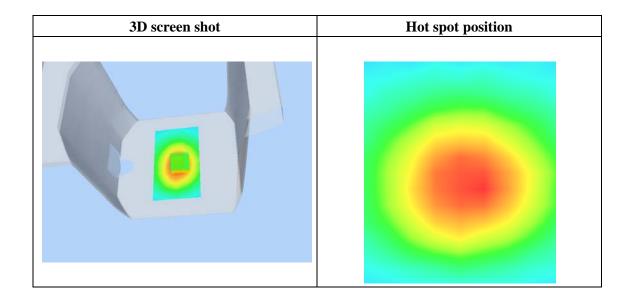


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Maximum location: X=8.00, Y=-11.02

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)							
1	.0-							
0	1.8-							
(#/kg) 0	6-							
SAR (								
	. 4 -							
	. 3 -							
	.2-							
	0.0 2.5 5		12.5 15.0 17.9 (mm)	5 20.0 22.5 25	5. 0			



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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;  $\sigma = 1.02$  mho/m;  $\epsilon r = 54.29$ ;

 $\rho = 1000 \text{kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

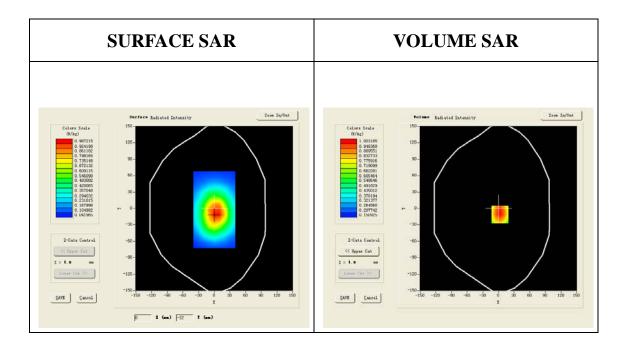
Sensor-Surface: 4mm (Mechanical Surface Detection)

· 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)		

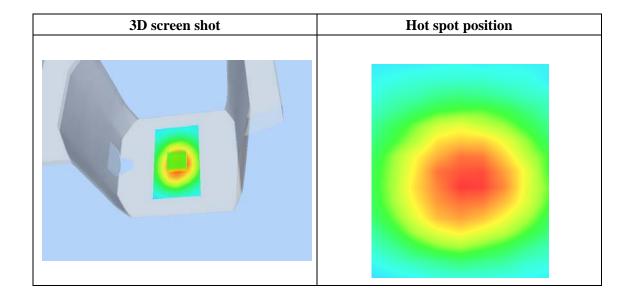


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Maximum location: X=3.00, Y=-11.02

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			
	SAR, Z Axis Scan (X = 3, Y = -11)							
	.0-				•			
	. 9 -	$\backslash \!$						
	. 8 -							
- ₹ - €	. 7 -							
SAR (#/kg)	. 6 -							
U	. 4 –							
0	.3-		40 5 45 5 45					
	0.0 2.5 5		12.5 15.0 17.9 (mm)	5 20.0 22.5 25	. 0			



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Date: Aug. 11,2012

Test Laboratory: AGC Lab

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: 848.8 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 1.02$  mho/m;  $\epsilon r = 54.29$ ;

 $\rho = 1000 \text{kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

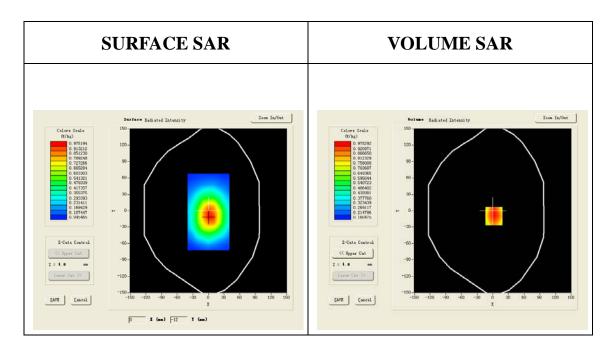
Sensor-Surface: 4mm (Mechanical Surface Detection)

· 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)		

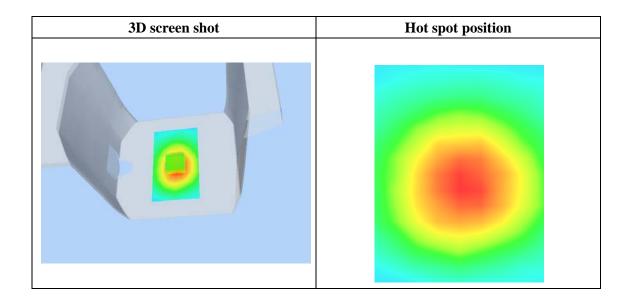


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Maximum location: X=2.00, Y=-10.00

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
			<i>-</i>		
	SAR, Z	Axis Scan	(X = 2, Y)	Y = -10	
1	.0-				
0	.9-	$\longleftarrow$		-	
0	.8-				
(#/kg) 0 0	. 1				
SAR	.5-				
0	. 4-		+	$\leftarrow$	
0	.2-    0.0 2.5 5	.0 7.5 10.0	12 5 15 0 17	5 20.0 22.5 25	0
	0.0 2.3 3		12.5 15.0 11. (mm)	3 20.0 22.3 23	



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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;  $\sigma = 1.02$  mho/m;  $\epsilon r = 54.29$ ;

 $\rho = 1000 \text{kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

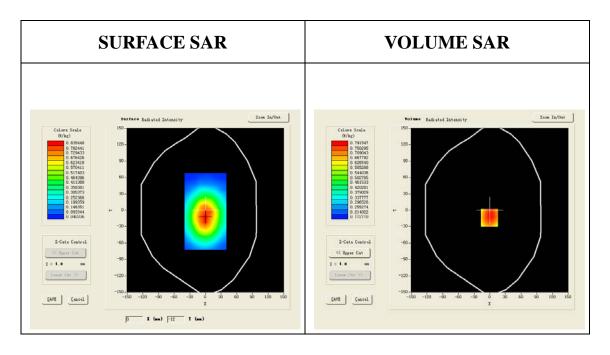
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

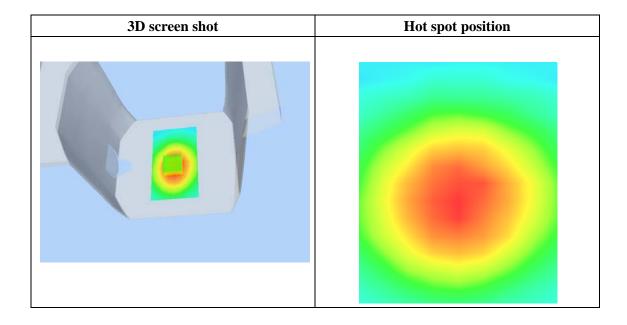


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**Maximum location: X=-1.02, Y=-14.00** 

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
	a.p. a		(T)	T 41	
	SAR, Z	Axis Scan	(X = -1,	Y = -14)	
0	).8-	J			
0	). 7 –	$\backslash \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$			
(W/kg)	J. 6 -				
ළි (	). 5 -		+		
SAR.	). 4 –				
	). 3 -				
	).2-    0.0 2.5 5	.0 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	i . 0
		Z	(mm)		



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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;  $\sigma = 1.02$  mho/m;  $\epsilon r = 54.29$ ;

 $\rho = 1000 \text{kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

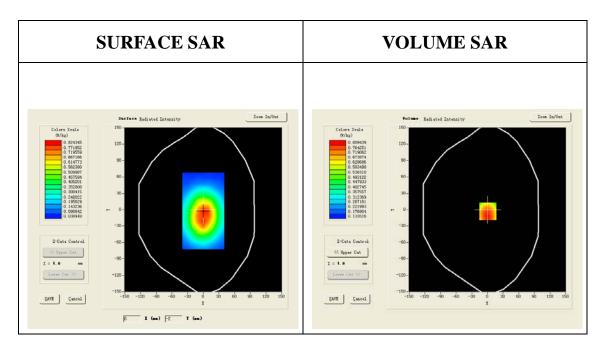
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)	

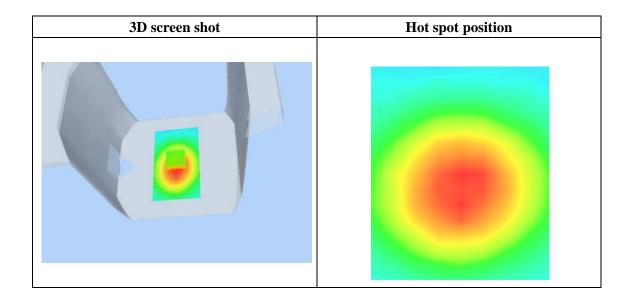


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Maximum location: X=1.02, Y=-3.00

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
	_	Axis Scan	(X = 1,	<b>Y</b> = -3)	
	). 8 -				
(#/kg)	). 6 -				
			+		-
SAR	). 4 -				
0	1.3-		++1	$\downarrow$	
0	0.2- 0.0 2.5 5	.0 7.5 10.0	12 5 15 0 17 9	5 20.0 22.5 25	
	0.0 2.5 5.		12.5 15.0 11.5 (mm)	J 20.0 22.5 25	,. 0



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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;  $\sigma = 1.02$  mho/m;  $\epsilon r = 54.29$ ;

 $\rho = 1000 \text{kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

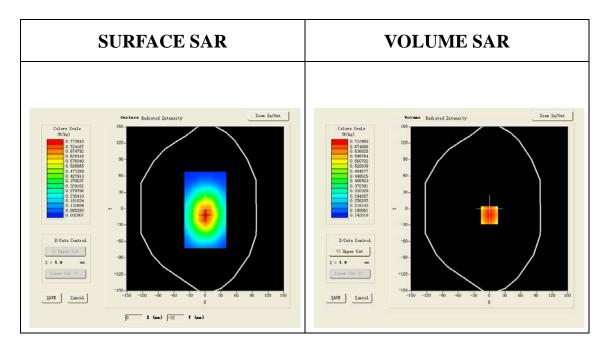
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

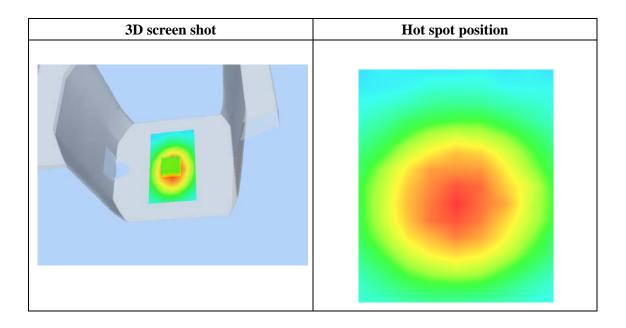


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Maximum location: X=0.00, Y=-12.00

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)	
0	. 7 -				
0	. 6 -				
(#/kg)	.5-				
SAR (%					
U	.3-				
0	0.0 2.5 5	.0 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	. O
		7	(mm)		



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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;  $\sigma = 1.02$  mho/m;  $\epsilon r = 54.29$ ;

 $\rho = 1000 \text{kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

Probe:SSE5; Calibrated: 12/09/2011

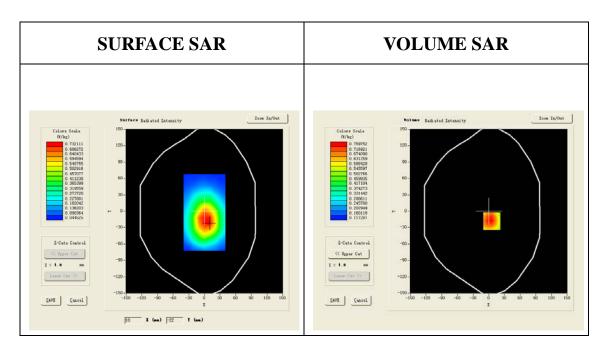
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

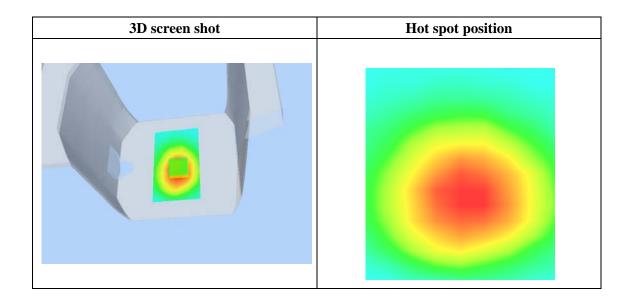


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Maximum location: X=6.00, Y=-18.00

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
	_	Axis Scan	(X = 6, Y	Y = -18)	
	.8-				
U	. 7 –				
	. 6 -	+	+		.
O (W/kg)	. 5 -	$\vdash \bigvee$			
SAR o	. 4 -				
U	.3-				
0	.2-		+		
		5.0 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	.o
		7	(mm)		



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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;  $\sigma = 1.41$  mho/m;  $\epsilon = 39.94$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

· Probe:SSE5; Calibrated: 12/09/2011

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

Phantom: SAM1; Type: SAM

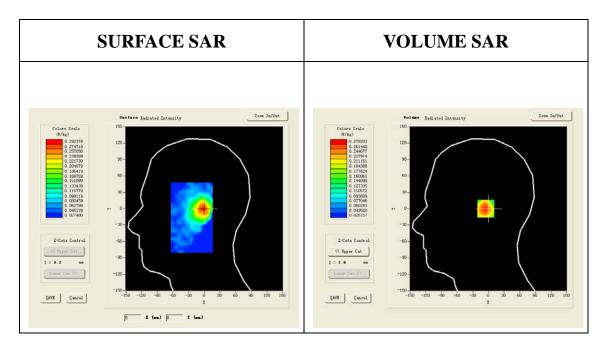
· Measurement SW: OpenSAR V4\_02\_01

 $\textbf{Configuration/PCS1900 Mid Touch-Left/Area Scan: Measurement grid:} \ dx = 20 mm, \ dy = 20 mm$ 

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)		

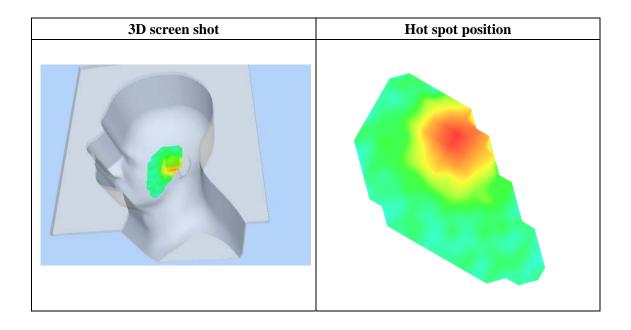


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**Maximum location: X=-1.02, Y=0.00** 

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	$\mathbf{x} = -1,$	Y = 0	
0	. 278 –				.
0	. 250 -				
	. 225 -				
	. 200 –				
	. 150 -				
	. 125 -				
	. 100 -				
U	0.078- 0.0 2.5	5.0 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	. 0
			Z (mm)		



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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;  $\sigma = 1.41$  mho/m;  $\epsilon = 39.94$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

· Probe:SSE5; Calibrated: 12/09/2011

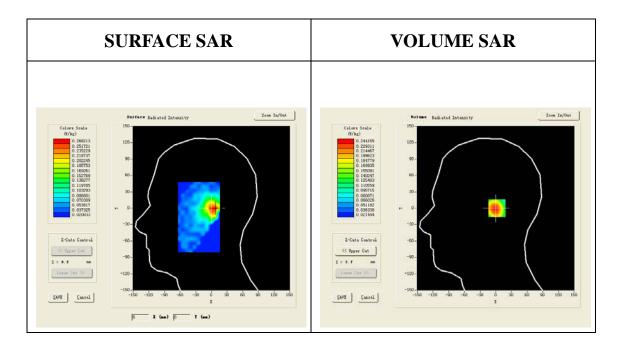
· Sensor-Surface: 4mm (Mechanical Surface Detection)

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)		

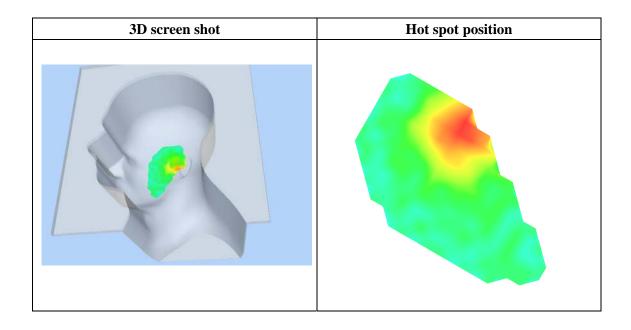


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Maximum location: X=7.00, Y=0.00

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
	SAR, Z	Axis Sca	n (X = 7,	Y = 0)	
O	. 24 -				:
0	. 22 -	$\overline{}$			-
	. 20 -	+			-
( <u>)</u>	1. 18 -	++			-
≥ 0	. 16 –		$\Box$		
	. 14 –				
	. 12 -				
0	. 10 -				
	0.0 2.5 5	i i.O 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	
			Z (mm)		



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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;  $\sigma = 1.41$  mho/m;  $\epsilon = 39.94$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

· Probe:SSE5; Calibrated: 12/09/2011

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

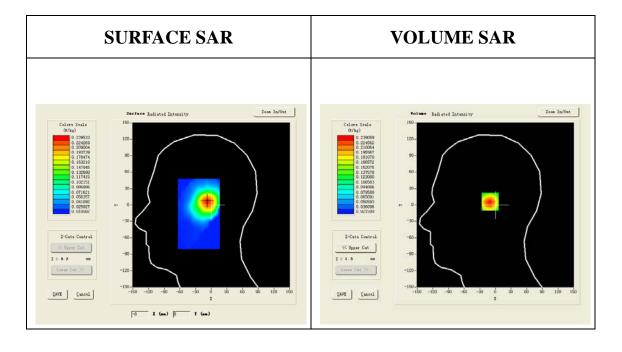
Phantom: SAM1; Type: SAM

· 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)		

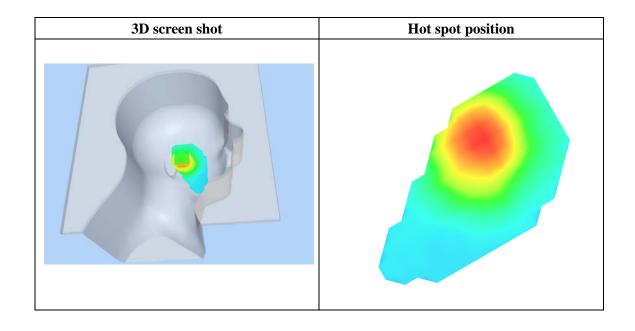


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Maximum location: X=-7.00, Y=6.00

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
	SAR, Z	Axis Scan	(X = -7,	Y = 6)	
0	0. 239 -				
C	. 200 –	$\longrightarrow$			
~°0	). 175 –	$+ \lambda +$			.
\$ 0	). 175 -	+			-
AR O	). 125 -	++			-
	). 100 –				-
0	0. 075 -				-
C	0.050 -     0.050 -     0.050 -	50 75 100	12 5 15 0 17	5 20.0 22.5 25	
	0.0 2.3		Z (mm)	0 20.0 22.0 20	,. 0
			Z (mm)		



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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;  $\sigma = 1.41$  mho/m;  $\epsilon = 39.94$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

· Probe:SSE5; Calibrated: 12/09/2011

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

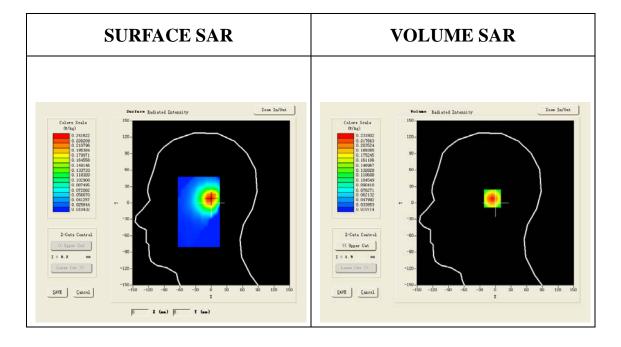
Phantom: SAM1; Type: SAM

· Measurement SW: OpenSAR V4\_02\_01

 $\label{lem:configuration} \textbf{Configuration/PCS1900 Mid Tilt-Right/Area Scan: Measurement grid: } dx=20mm, dy=20mm \\ \textbf{Configuration/PCS1900 Mid Tilt-Right/Zoom Scan: Measurement grid: } dx=8mm, \\ \textbf{dx=8mm}, \\ \textbf{d$ 

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)		

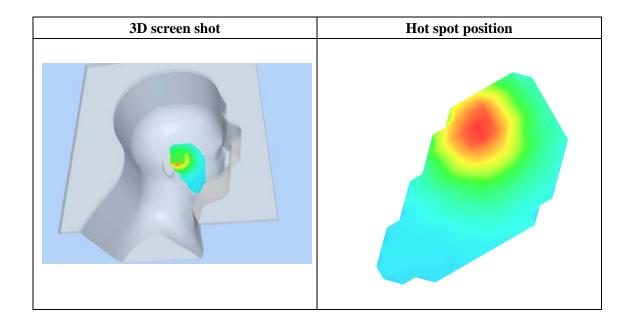


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Maximum location: X=-2.00, Y=8.00

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
c	SAR, Z	Axis Scan	(X = -2,	A = 8)	.
	). 200 -				
(6)	). 175 -	$+ \times +$			-
	). 150				
SAR C	). 100 –				
C	). 075 -	+++	+	$\downarrow \downarrow$	-
C	0.046 -	5.0 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	. o
			Z (mm)		



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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;  $\sigma = 1.41$  mho/m;  $\epsilon = 39.94$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

· Probe:SSE5; Calibrated: 12/09/2011

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

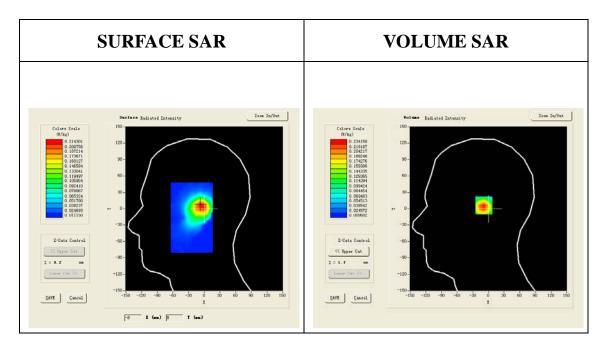
Phantom: SAM1; Type: SAM

· 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)		

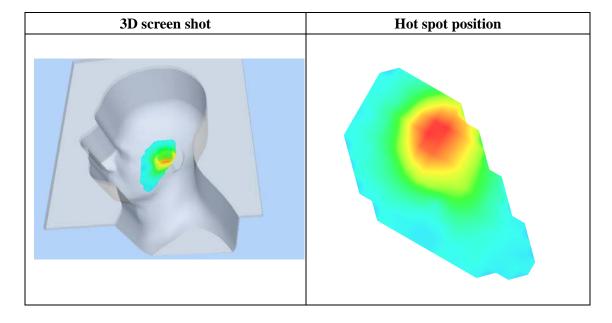


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Maximum location: X=-5.00, Y=6.00

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
	SAR, Z	Axis Scan	(X = -5,	Y = 6)	
C	). 234 –				
C	). 200 –	$\longrightarrow$			
~°°	). 175 –	+ + +			-
(#/kg)	). 150 –				-
γ. Υ.	). 125 -				-
·	J. 100 -				
	). 075 -				
C	0.047	5.0 7.5 10.0	12.5 15.0 17.	5 20.0 22.5 25	5. O
			Z (mm)		



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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;  $\sigma = 1.50$  mho/m;  $\epsilon r = 53.79$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

. Probe:SSE5; Calibrated: 12/09/2011

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

Phantom: SAM1; Type: SAM

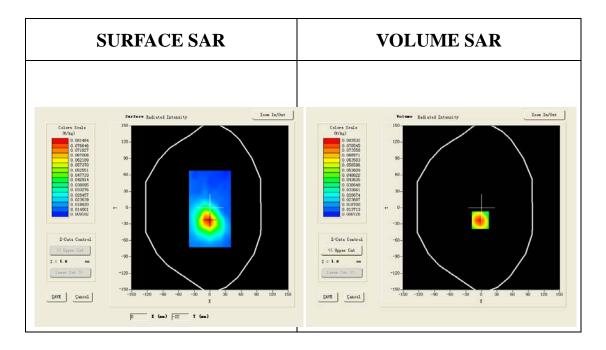
· Measurement SW: OpenSAR V4\_02\_01

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)		

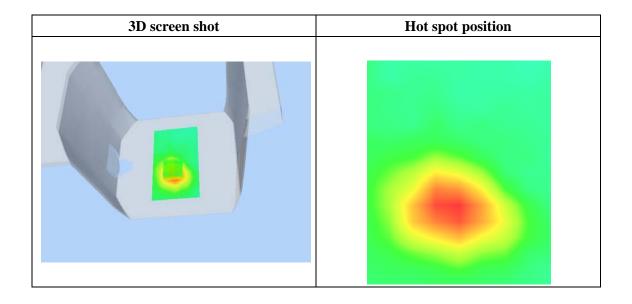


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**Maximum location: X=-2.00, Y=-23.00** 

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
SAR (W/kg)		Axis Scan			
C	0.02 -     0.0 2.5 !		 12.5 15.0 17. Z (mm)	5 20.0 22.5 25	5.0



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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;  $\sigma = 1.50$  mho/m;  $\epsilon = 53.79$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

· Probe:SSE5; Calibrated: 12/09/2011

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

Phantom: SAM1; Type: SAM

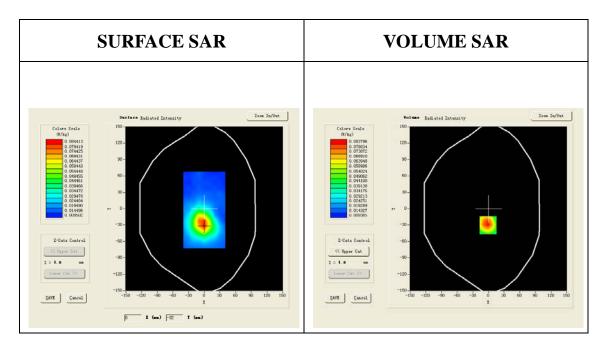
· Measurement SW: OpenSAR V4\_02\_01

 $\textbf{Configuration/GPRS1900 Mid Body-Back/Area Scan: Measurement grid:} \ dx = 20 mm, \ dy = 20 mm$ 

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)		

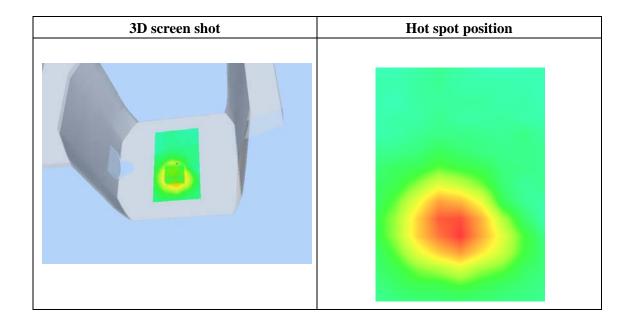


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**Maximum location: X=-1.02, Y=-30.00** 

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 (W/kg)	SAR, Z	Axis Scan	l	l l	
O	0.00 2.5 5		12.5 15.0 17. Z (mm)	5 20.0 22.5 25	. 0



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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;  $\sigma = 1.50$  mho/m;  $\epsilon r = 53.79$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

. Probe:SSE5; Calibrated: 12/09/2011

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

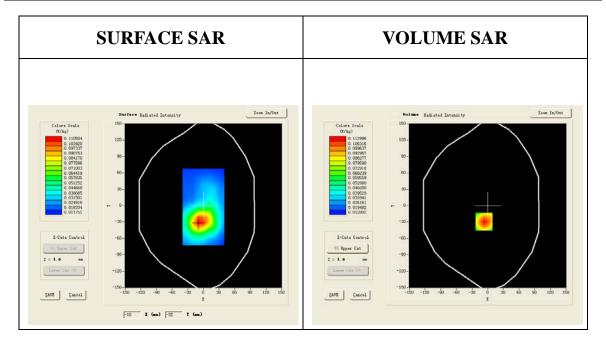
Phantom: SAM1; Type: SAM

· Measurement SW: OpenSAR V4\_02\_01

 $\label{lem:configuration} \textbf{Configuration/GPRS1900 Mid Body-Front/Area Scan: Measurement grid: } dx=20mm, dy=20mm \\ \textbf{Configuration/GPRS1900 Mid Body-Front/Zoom Scan: Measurement grid: } dx=8mm, \\ dx=8mm, dx=8mm,$ 

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)		

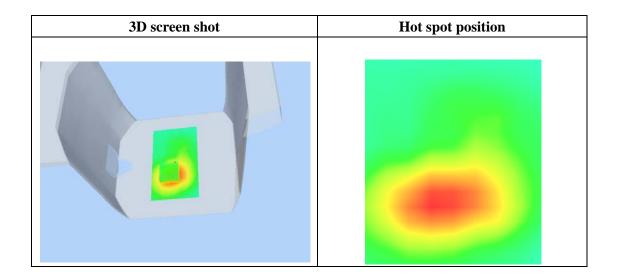


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**Maximum location: X=-7.00, Y=-29.00** 

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
(W/kg)		Axis Scan			0.0329
	0.04 0.0 2.5 5		12.5 15.0 17. Z (mm)	5 20.0 22.5 25	. 0



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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;  $\sigma = 1.50$  mho/m;  $\epsilon = 53.79$ ;

 $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 21.0

# Satimo Configuration:

. Probe:SSE5; Calibrated: 12/09/2011

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

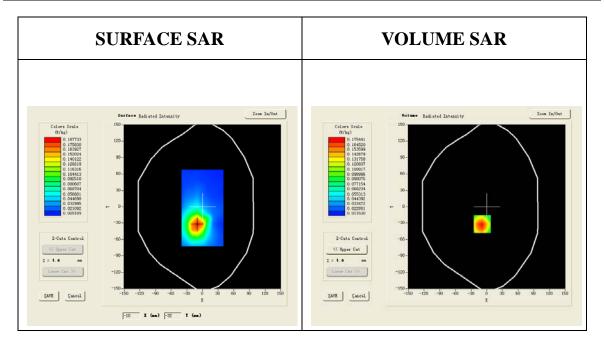
Phantom: SAM1; Type: SAM

· 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)		



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**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
SAR (W/kg)		Axis Scan		1	
	0.03-	5.0 7.5 10.0	12.5 15.0 17 Z (mm)	.5 20.0 22.5 25	. o

