

## SAR Measurement at IEEE 802.11n band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device C, holster 3 side left

### A. Experimental conditions

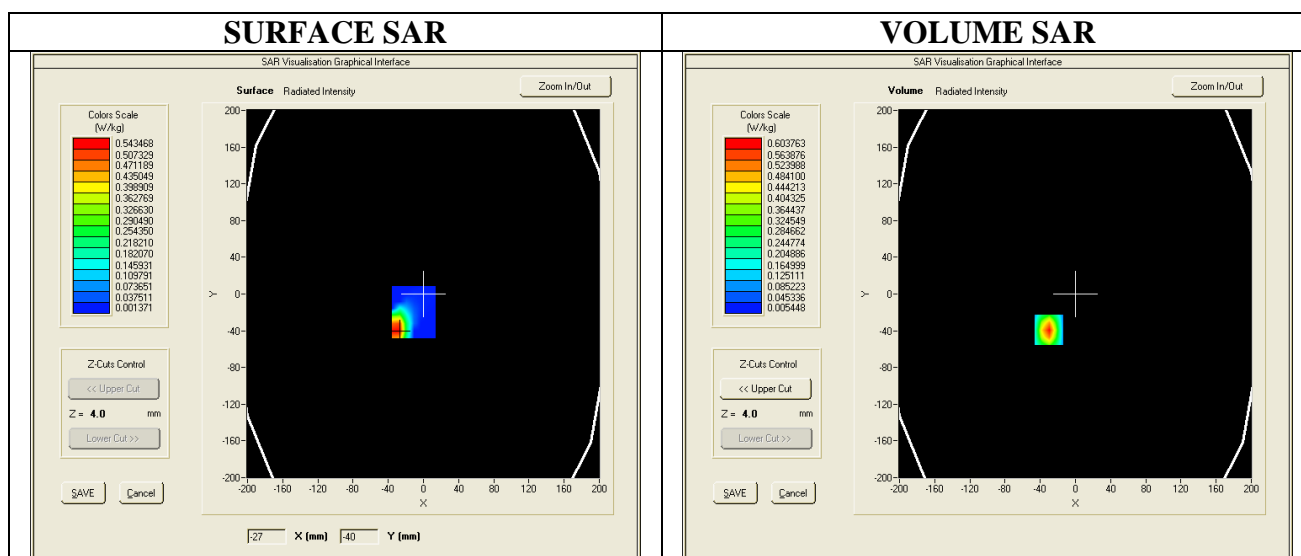
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V/m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11n
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 6):

<b>Frequency (MHz)</b>	2437.00
<b>Relative permittivity (real part)</b>	44.24
<b>Relative permittivity (imaginary part)</b>	14.07
<b>Conductivity (S/m)</b>	1.90
<b>Variation (%)</b>	-0.49

### C. SAR Surface And Volume



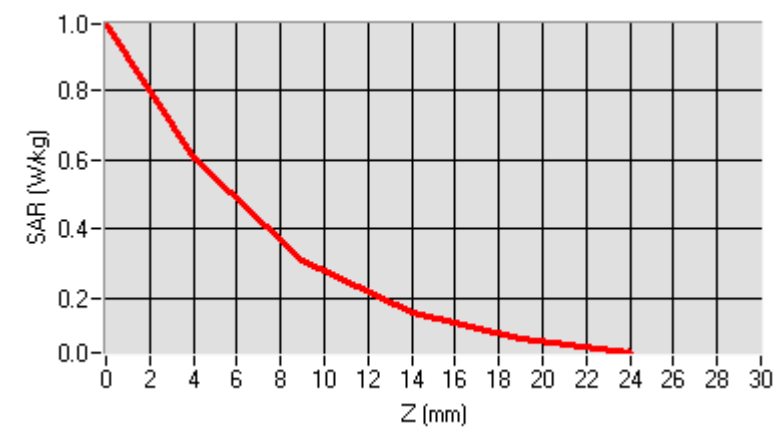
Maximum location: X=-30.00, Y=-39.00

SAR Peak: 1.00 W/kg

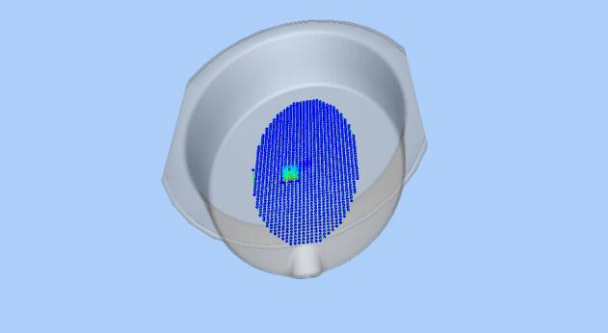

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.260
SAR 1g (W/Kg)	0.551

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11a band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device C, holster 3 front

### A. Experimental conditions

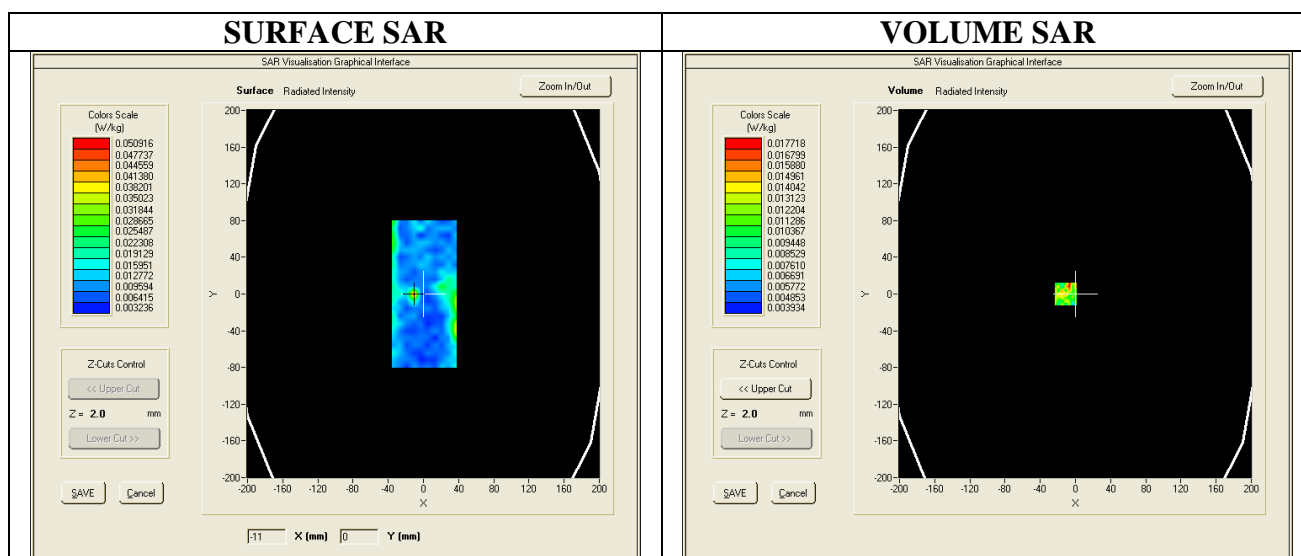
Area Scan	dx=8mm dy=8mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Elliptical Phantom SN 29/11 ELLI21
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
Device Position	Body
Band	IEEE 802.11a
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

Frequency (MHz)	5500.00
Relative permittivity (real part)	36.98
Relative permittivity (imaginary part)	16.43
Conductivity (S/m)	5.02
Variation (%)	-4.84

### C. SAR Surface And Volume



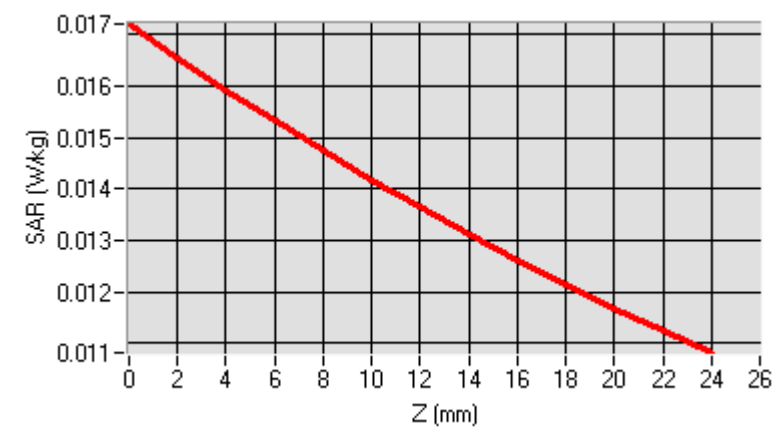
Maximum location: X=-11.00, Y=0.00

SAR Peak: 0.02 W/kg

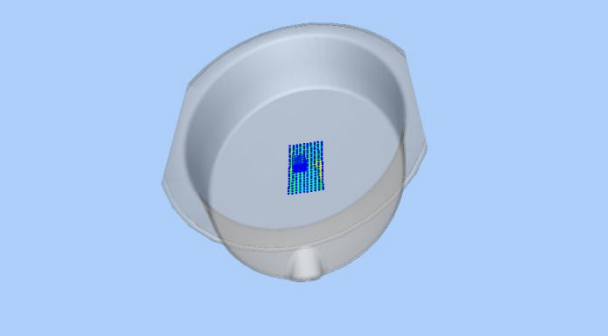
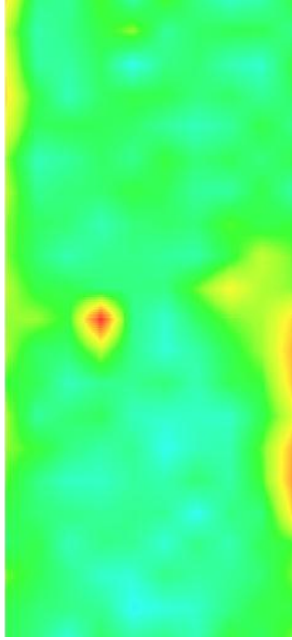
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.011
SAR 1g (W/Kg)	0.013

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11a band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device C, holster 3 side left

### A. Experimental conditions

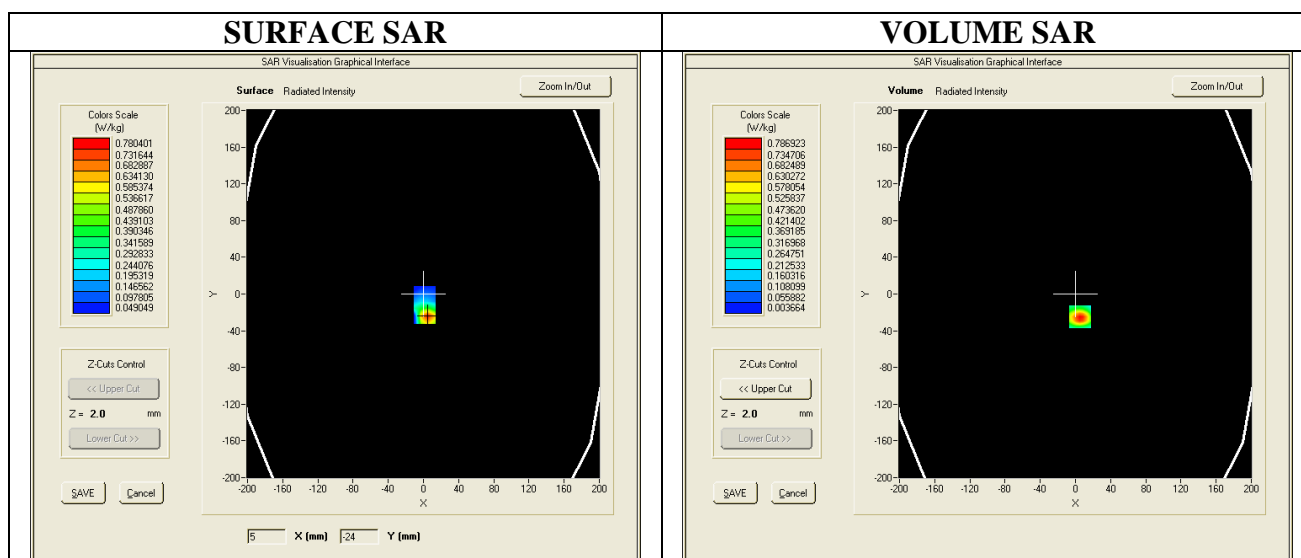
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11a
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

<b>Frequency (MHz)</b>	5500.00
<b>Relative permittivity (real part)</b>	36.98
<b>Relative permittivity (imaginary part)</b>	16.43
<b>Conductivity (S/m)</b>	5.02
<b>Variation (%)</b>	-1.80

### C. SAR Surface And Volume



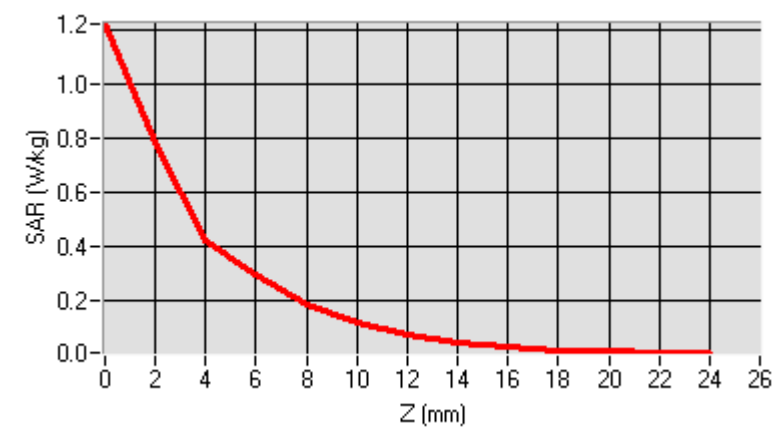
Maximum location: X=5.00, Y=-25.00

SAR Peak: 1.19 W/kg

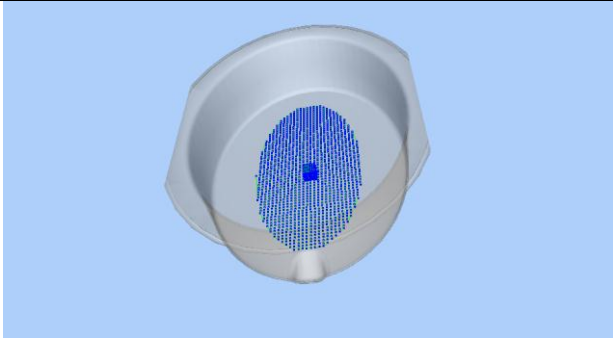

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.189
SAR 1g (W/Kg)	0.466

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11a band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device C, holster 3 side left

### A. Experimental conditions

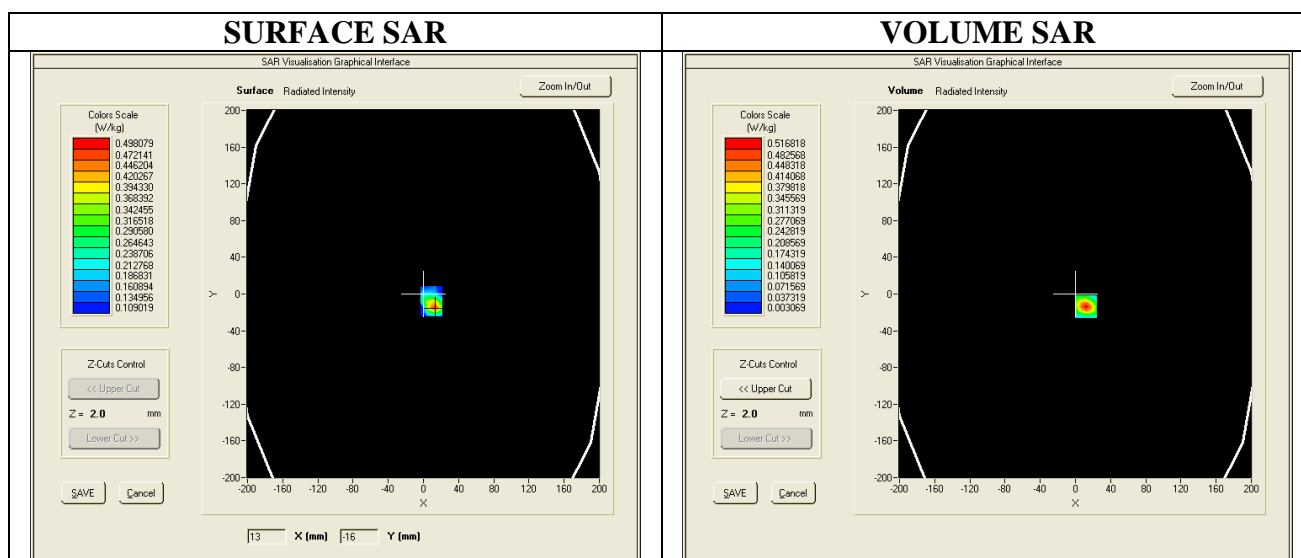
Area Scan	dx=8mm dy=8mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Elliptical Phantom SN 29/11 ELLI21
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
Device Position	Body
Band	IEEE 802.11a
Channels	Low
Signal	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 36):

Frequency (MHz)	5180.00
Relative permittivity (real part)	38.17
Relative permittivity (imaginary part)	17.26
Conductivity (S/m)	4.97
Variation (%)	-0.86

### C. SAR Surface And Volume



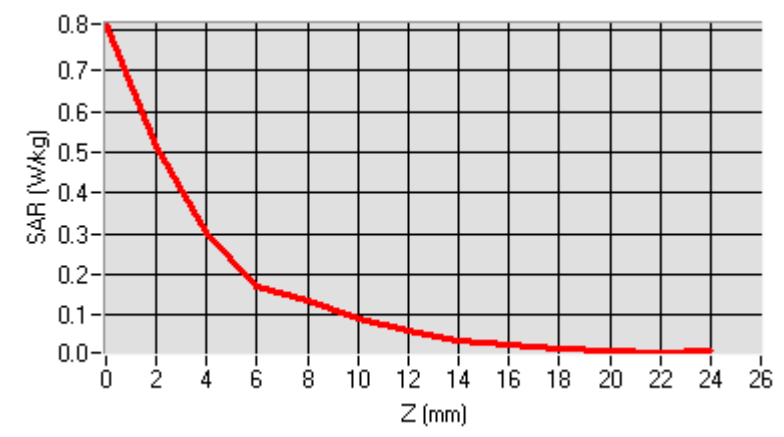
Maximum location: X=12.00, Y=-14.00

SAR Peak: 0.78 W/kg

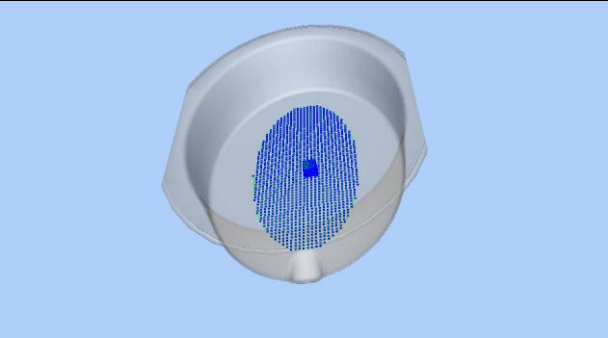

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.124
SAR 1g (W/Kg)	0.306

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	



## SAR Measurement at IEEE 802.11a band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device C, holster 3 side left

### A. Experimental conditions

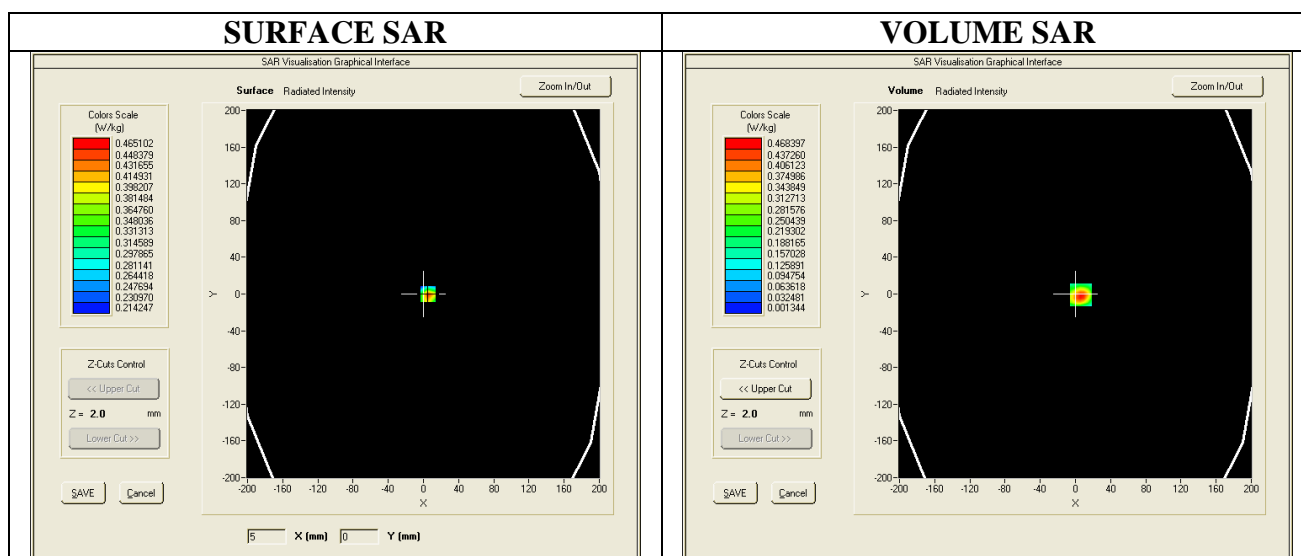
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11a
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 165):

<b>Frequency (MHz)</b>	5825.00
<b>Relative permittivity (real part)</b>	36.26
<b>Relative permittivity (imaginary part)</b>	17.80
<b>Conductivity (S/m)</b>	5.76
<b>Variation (%)</b>	-4.37

### C. SAR Surface And Volume



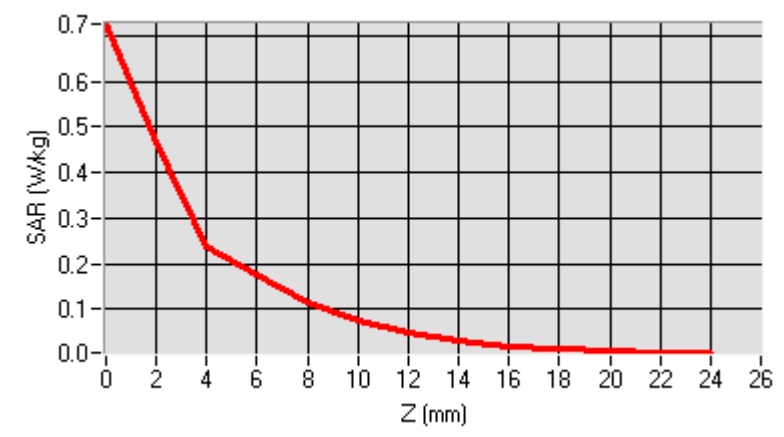
Maximum location: X=6.00, Y=-1.00

SAR Peak: 0.70 W/kg

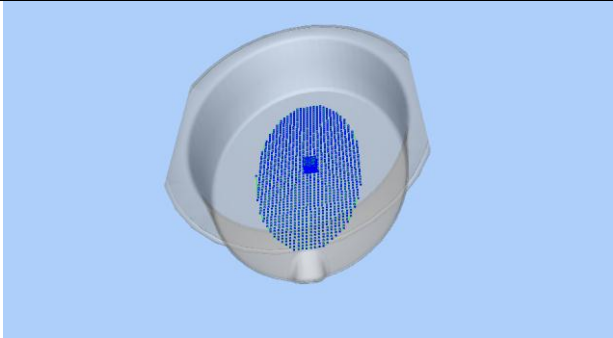

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.119
SAR 1g (W/Kg)	0.282

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11n band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device C, holster 3 side left

### A. Experimental conditions

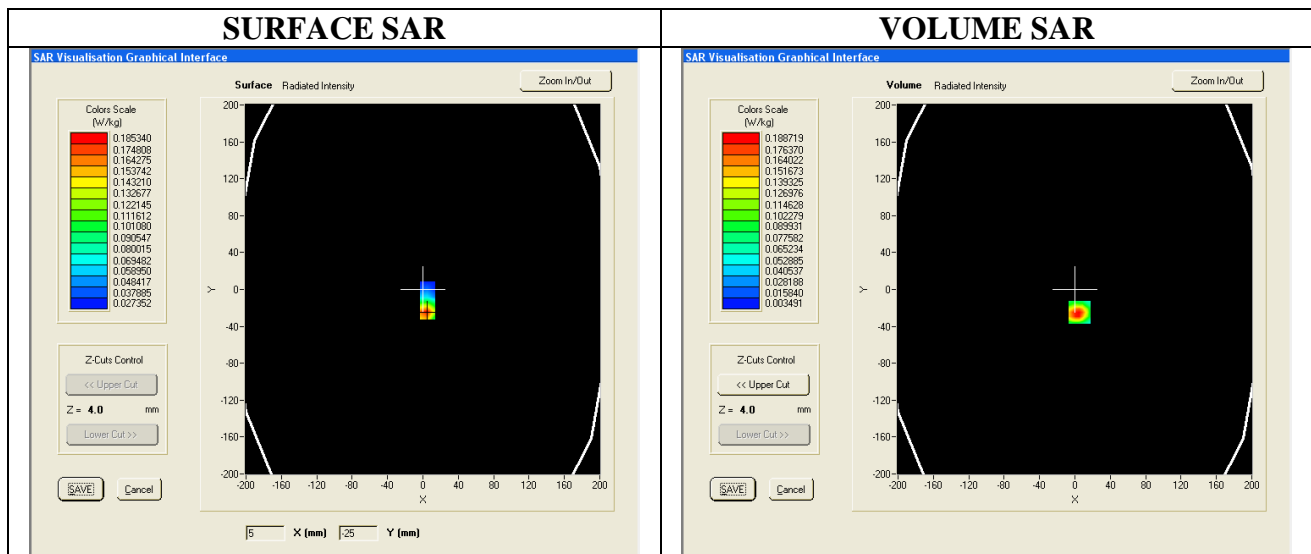
Area Scan	dx=8mm dy=8mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Elliptical Phantom SN 29/11 ELLI21
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
Device Position	Body
Band	IEEE 802.11n
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

Frequency (MHz)	5500.00
Relative permittivity (real part)	36.98
Relative permittivity (imaginary part)	16.43
Conductivity (S/m)	5.02
Variation (%)	-2.22

### C. SAR Surface And Volume



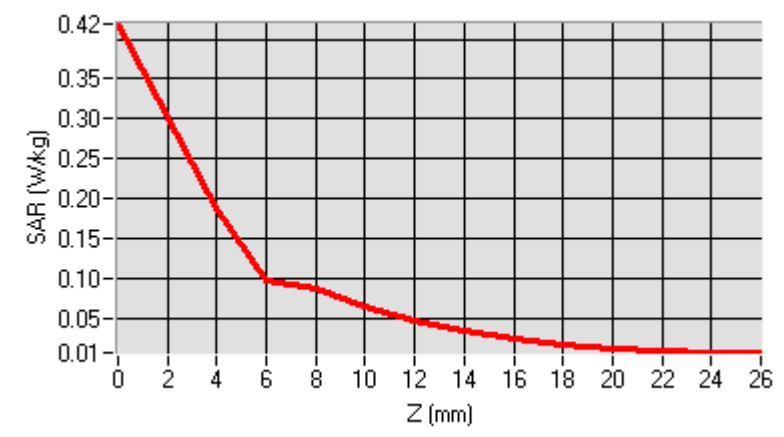
Maximum location: X=5.00, Y=-25.00

SAR Peak: 0.43 W/kg

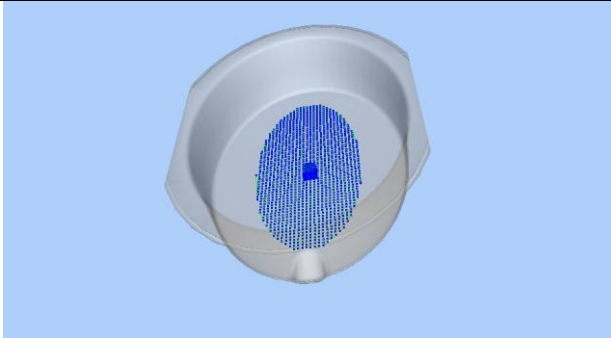

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.079
SAR 1g (W/Kg)	0.180

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11b band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 side left

### A. Experimental conditions

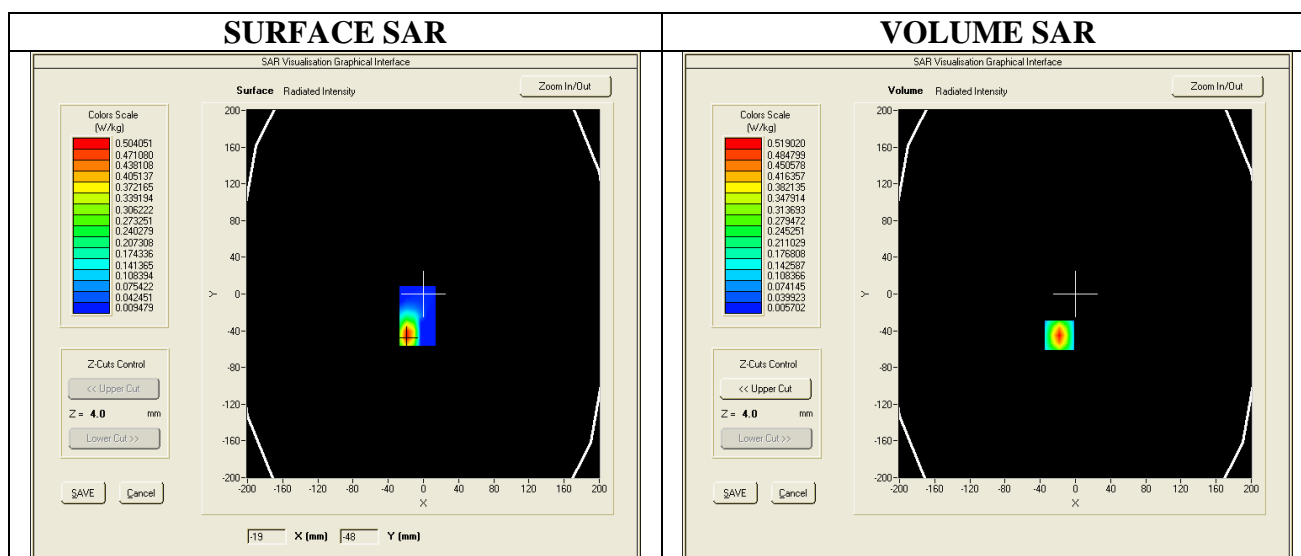
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Elliptical Phantom SN 29/11 ELLI21
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
Device Position	Body
Band	IEEE 802.11b
Channels	Middle
Signal	DSSS (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.00
Relative permittivity (real part)	44.24
Relative permittivity (imaginary part)	14.07
Conductivity (S/m)	1.90
Variation (%)	-1.87

### C. SAR Surface And Volume



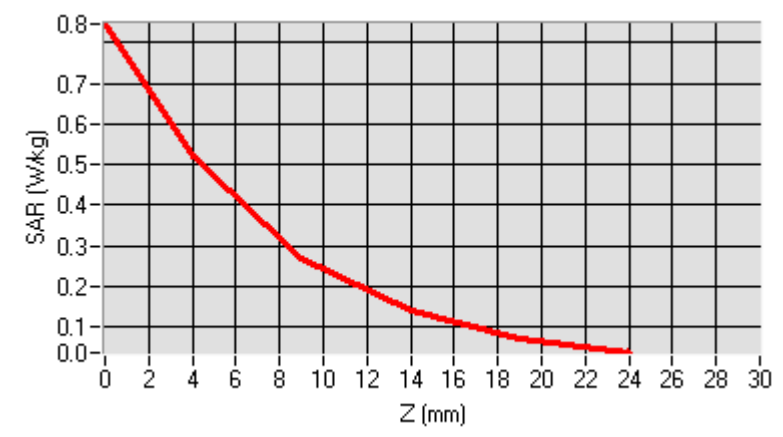
Maximum location: X=-18.00, Y=-45.00

SAR Peak: 0.84 W/kg

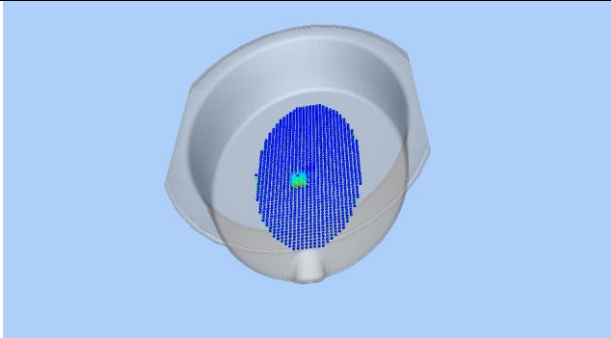

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.231
SAR 1g (W/Kg)	0.493

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

**SAR Measurement at IEEE 802.11b band (Body)**

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 side left

**A. Experimental conditions**

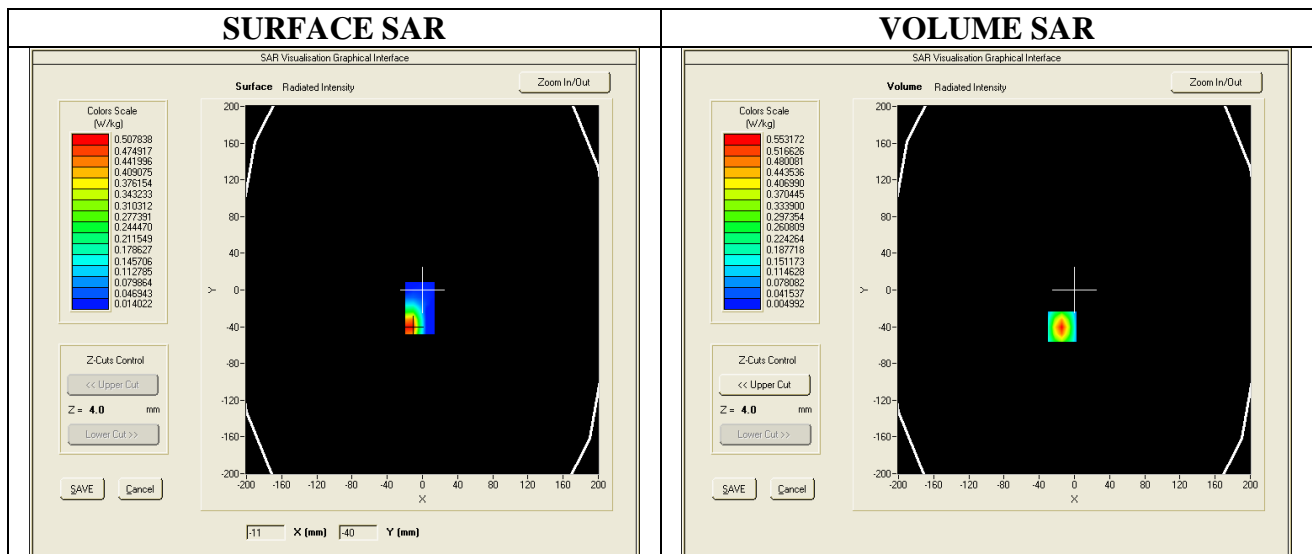
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Elliptical Phantom SN 29/11 ELLI21
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
Device Position	Body
Band	IEEE 802.11b
Channels	Low
Signal	DSSS (Crest factor: 1.0)

**B. Liquid data & power drift**

Middle Band SAR (Channel 1):

Frequency (MHz)	2412.00
Relative permittivity (real part)	38.72
Relative permittivity (imaginary part)	13.89
Conductivity (S/m)	1.86
Variation (%)	-1.81

**C. SAR Surface And Volume**



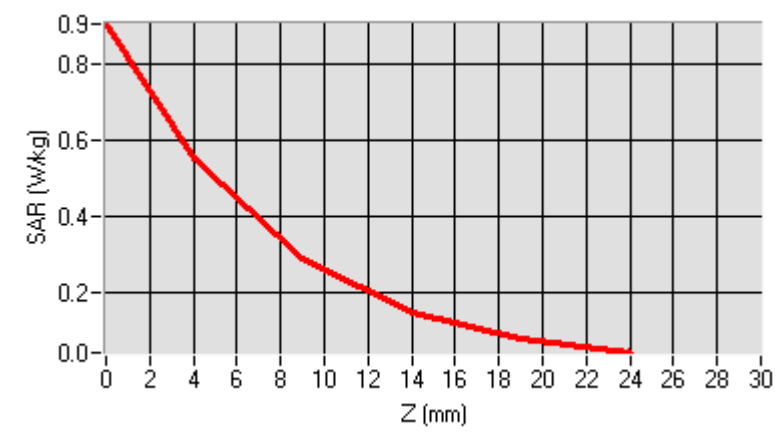
Maximum location: X=-14.00, Y=-40.00

SAR Peak: 0.91 W/kg

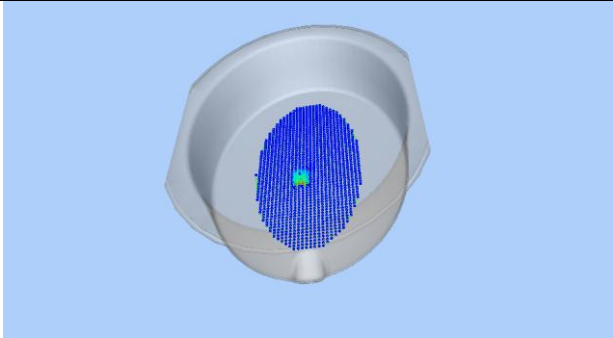

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.247
SAR 1g (W/Kg)	0.529

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	



**SAR Measurement at IEEE 802.11b band (Body)**

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 side left

**A. Experimental conditions**

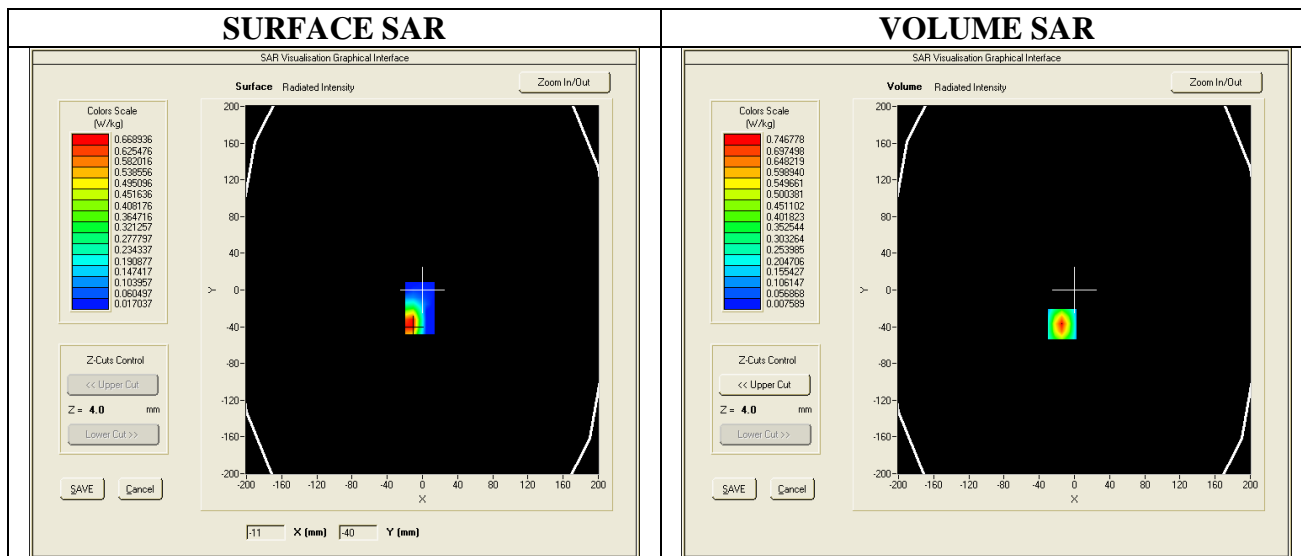
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Elliptical Phantom SN 29/11 ELLI21
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
Device Position	Body
Band	IEEE 802.11b
Channels	High
Signal	DSSS (Crest factor: 1.0)

**B. Liquid data & power drift**

Middle Band SAR (Channel 13):

Frequency (MHz)	2472.00
Relative permittivity (real part)	38.51
Relative permittivity (imaginary part)	13.81
Conductivity (S/m)	1.90
Variation (%)	-1.00

**C. SAR Surface And Volume**



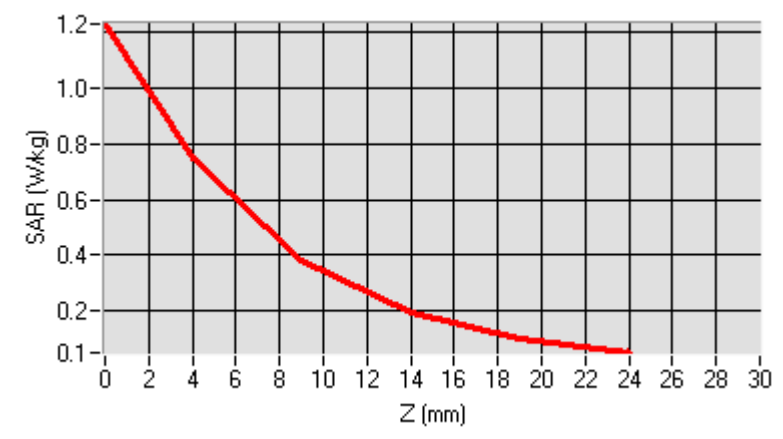
Maximum location: X=-14.00, Y=-37.00

SAR Peak: 1.23 W/kg

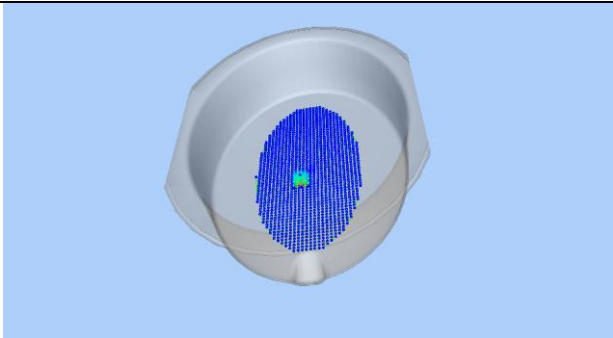

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.332
SAR 1g (W/Kg)	0.715

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

**SAR Measurement at IEEE 802.11g band (Body)**

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 side left

**B. Experimental conditions**

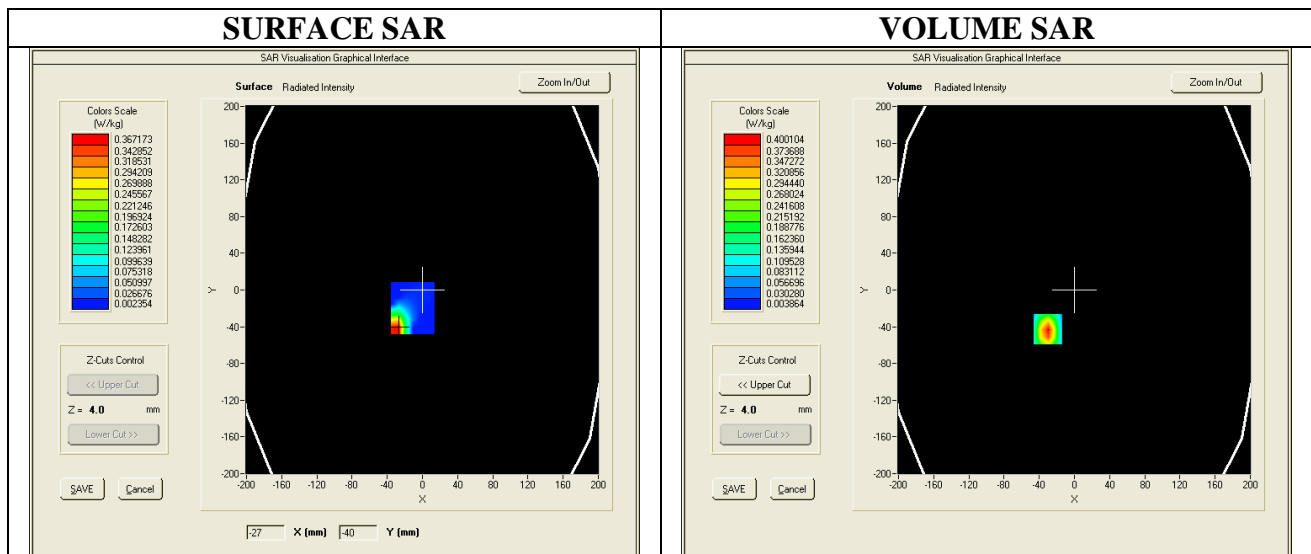
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Elliptical Phantom SN 29/11 ELLI21
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
Device Position	Body
Band	IEEE 802.11g
Channels	High
Signal	OFDM (Crest factor: 1.0)

**B. Liquid data & power drift**

Middle Band SAR (Channel 13):

Frequency (MHz)	2472.00
Relative permittivity (real part)	38.51
Relative permittivity (imaginary part)	13.81
Conductivity (S/m)	1.90
Variation (%)	-0.99

**D. SAR Surface And Volume**



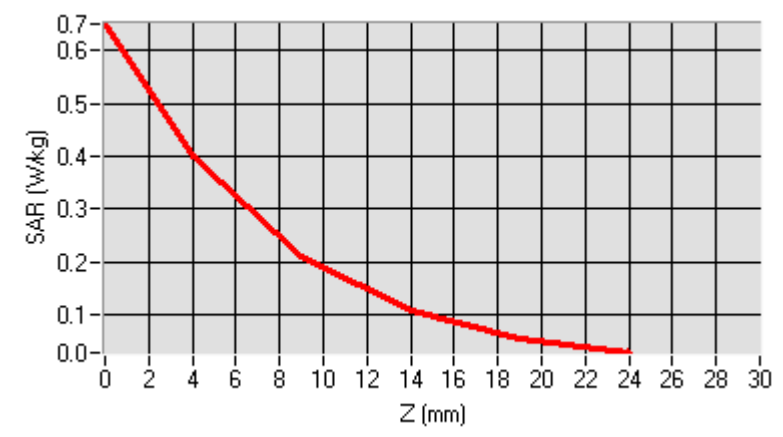
Maximum location: X=-30.00, Y=-43.00

SAR Peak: 0.66 W/kg

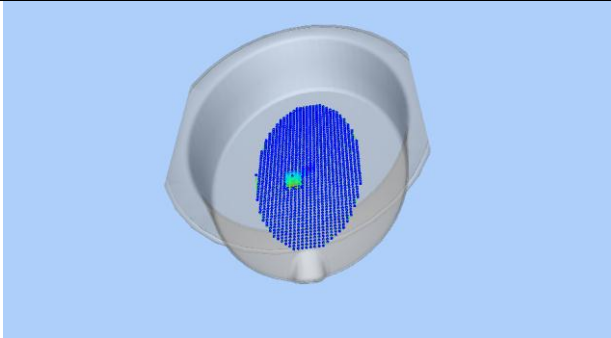

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.182
SAR 1g (W/Kg)	0.385

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11n band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 side left

### B. Experimental conditions

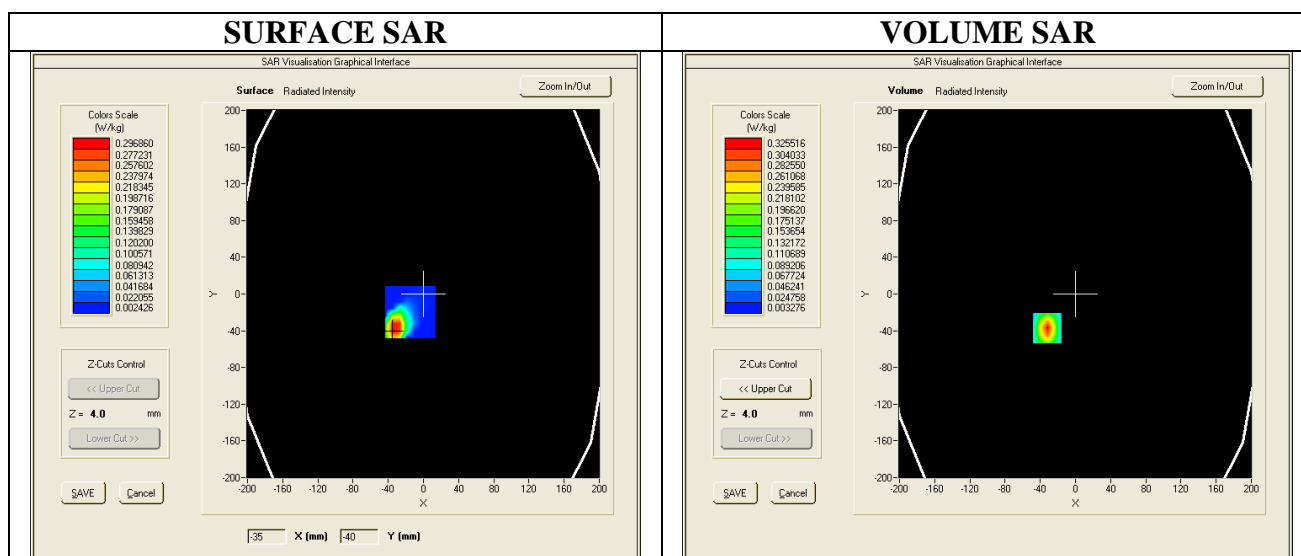
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11n
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 13):

<b>Frequency (MHz)</b>	2472.00
<b>Relative permittivity (real part)</b>	38.51
<b>Relative permittivity (imaginary part)</b>	13.81
<b>Conductivity (S/m)</b>	1.90
<b>Variation (%)</b>	-4.02

### D. SAR Surface And Volume



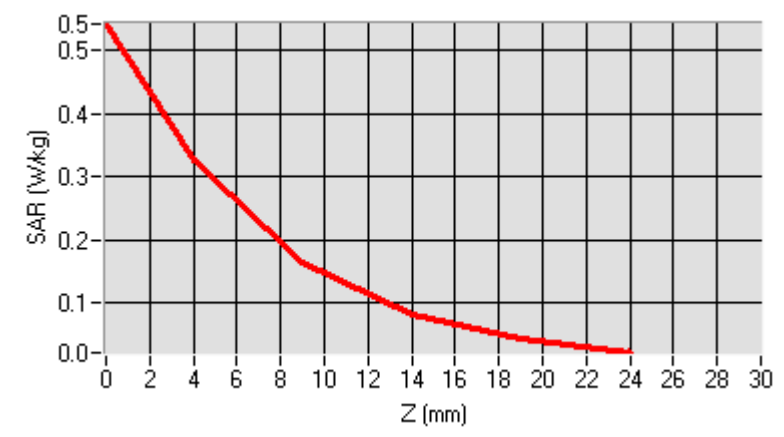
Maximum location: X=-32.00, Y=-37.00

SAR Peak: 0.54 W/kg

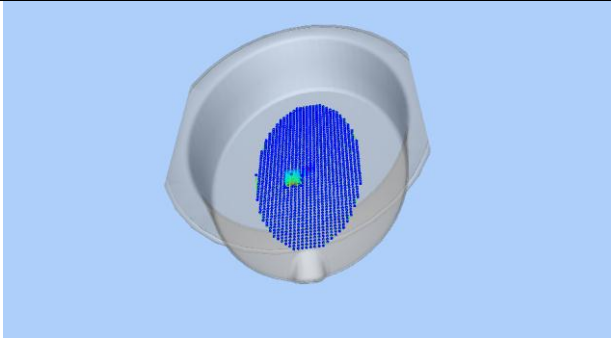

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.140
SAR 1g (W/Kg)	0.297

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11a band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 front

### A. Experimental conditions

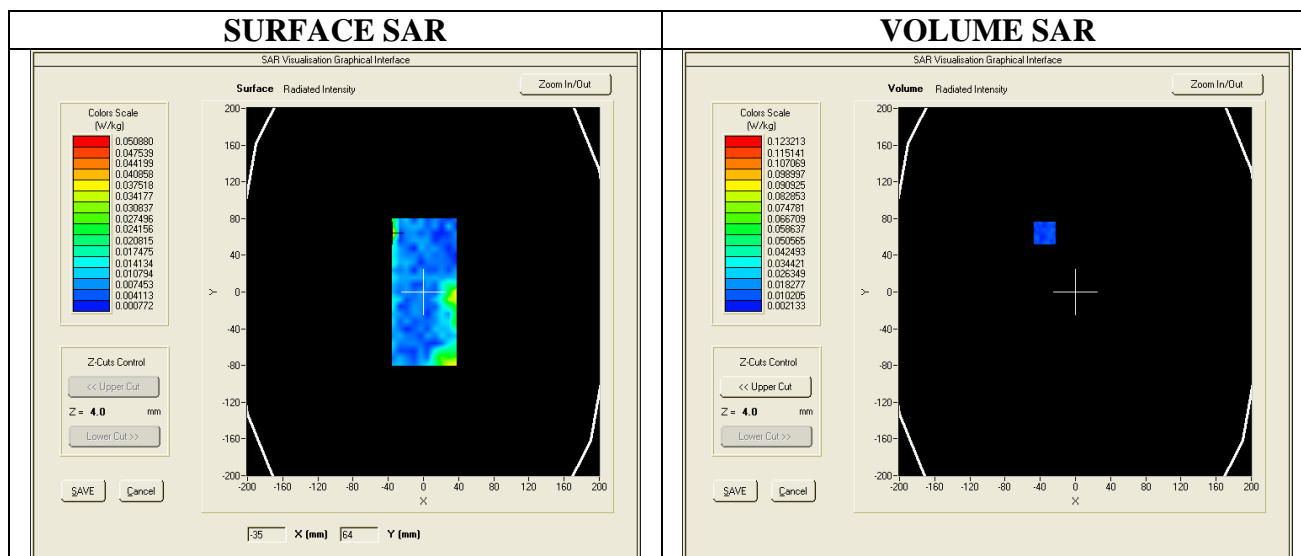
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11a
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

<b>Frequency (MHz)</b>	5500.00
<b>Relative permittivity (real part)</b>	36.98
<b>Relative permittivity (imaginary part)</b>	16.43
<b>Conductivity (S/m)</b>	5.02
<b>Variation (%)</b>	-3.56

### C. SAR Surface And Volume



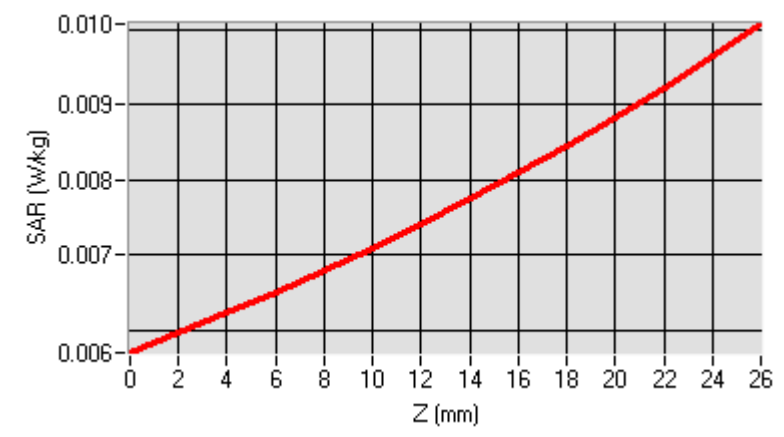
Maximum location: X=-35.00, Y=64.00

SAR Peak: 0.02 W/kg

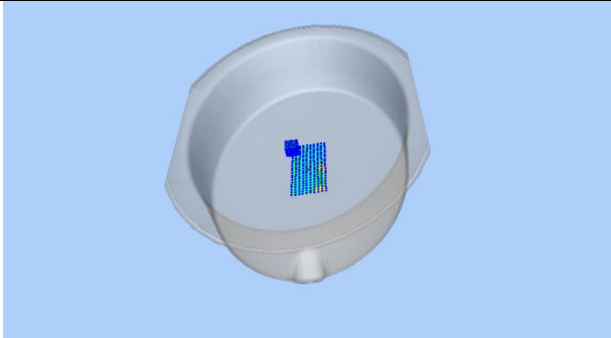
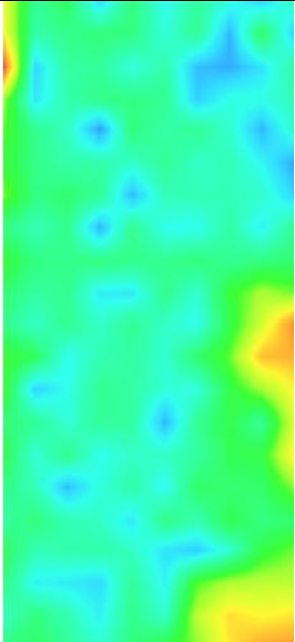
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.008
SAR 1g (W/Kg)	0.009

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	



**SAR Measurement at IEEE 802.11a band (Body)**

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 side left

**A. Experimental conditions**

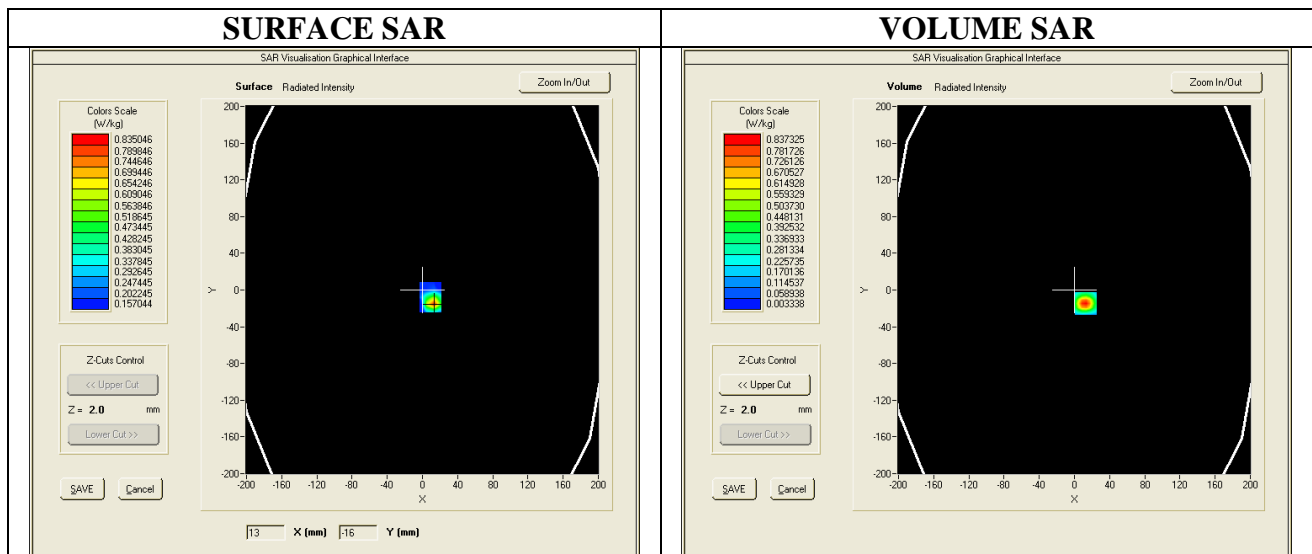
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V/m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11a
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

**B. Liquid data & power drift**

Middle Band SAR (Channel 100):

<b>Frequency (MHz)</b>	5500.00
<b>Relative permittivity (real part)</b>	36.98
<b>Relative permittivity (imaginary part)</b>	16.43
<b>Conductivity (S/m)</b>	5.02
<b>Variation (%)</b>	-4.12

**C. SAR Surface And Volume**



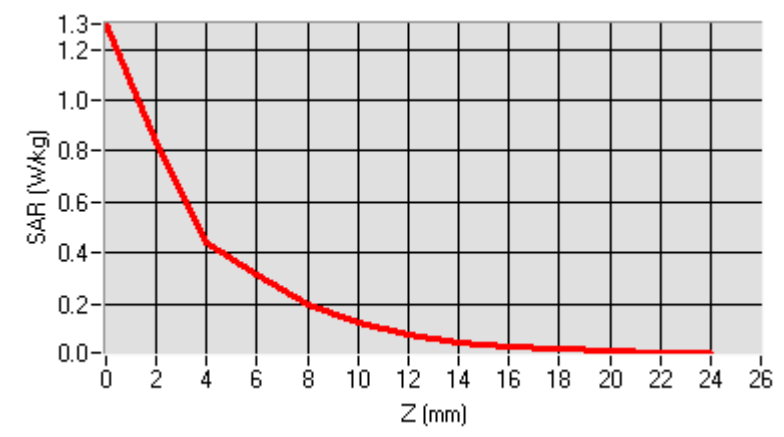
Maximum location: X=13.00, Y=-15.00

SAR Peak: 1.26 W/kg

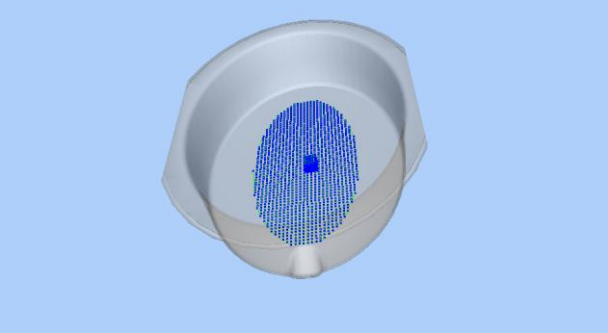

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.178
SAR 1g (W/Kg)	0.479

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

**SAR Measurement at IEEE 802.11a band (Body)**

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 side left

**A. Experimental conditions**

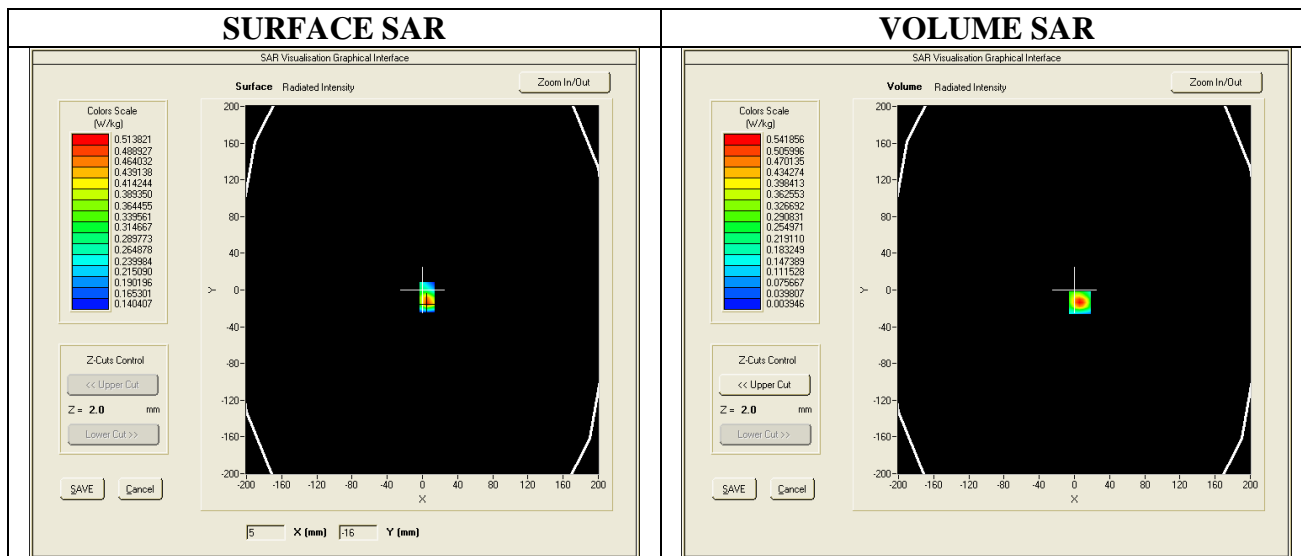
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11a
<b>Channels</b>	Low
<b>Signal</b>	OFDM (Crest factor: 1.0)

**B. Liquid data & power drift**

Middle Band SAR (Channel 36):

<b>Frequency (MHz)</b>	5180.00
<b>Relative permittivity (real part)</b>	38.17
<b>Relative permittivity (imaginary part)</b>	17.26
<b>Conductivity (S/m)</b>	4.97
<b>Variation (%)</b>	-4.22

**C. SAR Surface And Volume**

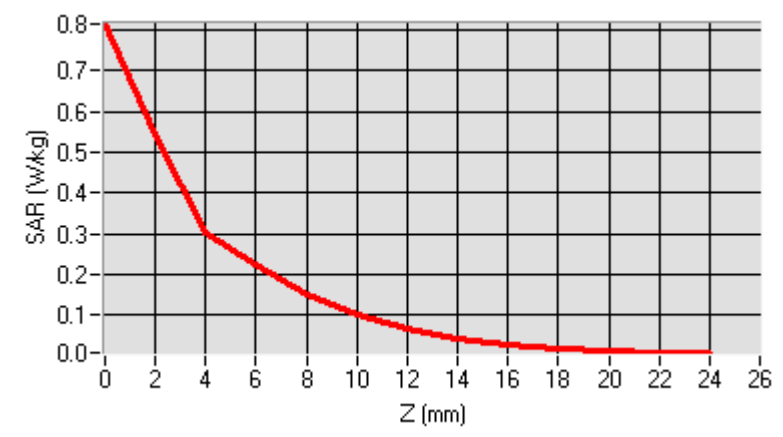


Maximum location: X=6.00, Y=-14.00  
SAR Peak: 0.79 W/kg

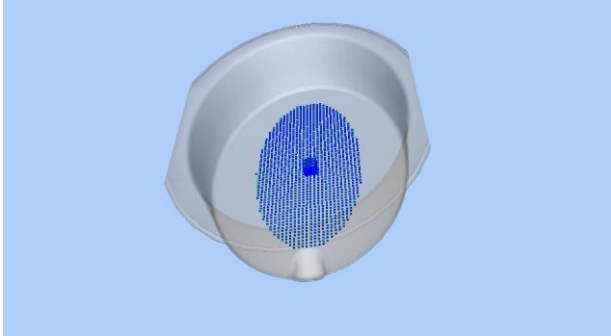

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.135
SAR 1g (W/Kg)	0.323

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

**SAR Measurement at IEEE 802.11a band (Body)**

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device D, holster 3 side left

**A. Experimental conditions**

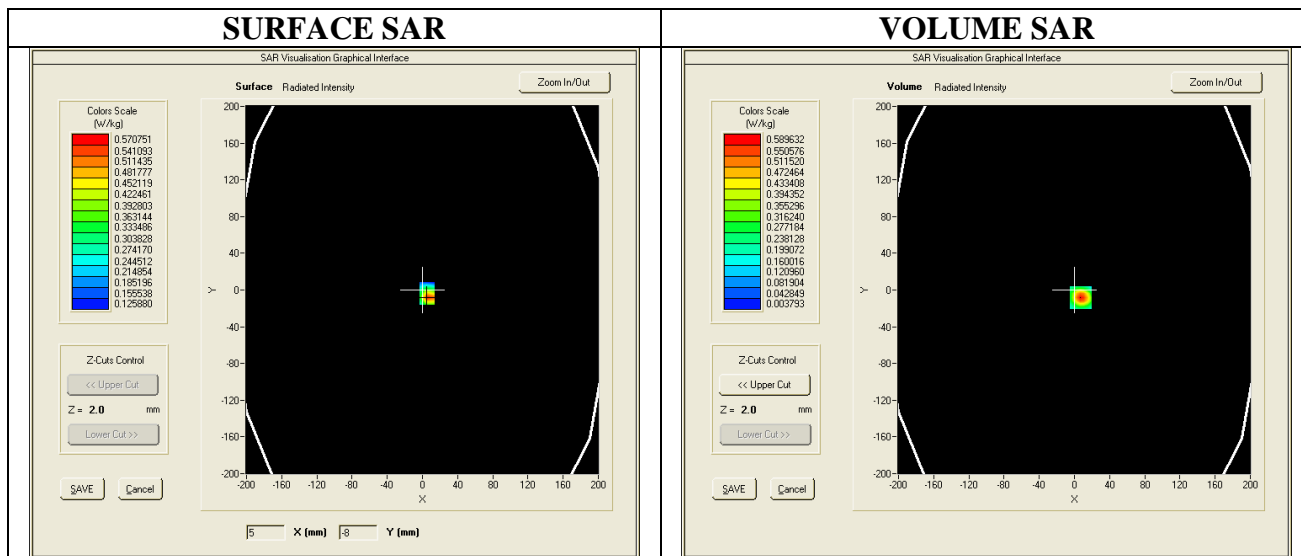
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11a
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)

**B. Liquid data & power drift**

Middle Band SAR (Channel 165):

<b>Frequency (MHz)</b>	5825.00
<b>Relative permittivity (real part)</b>	36.26
<b>Relative permittivity (imaginary part)</b>	17.80
<b>Conductivity (S/m)</b>	5.76
<b>Variation (%)</b>	-4.61

**C. SAR Surface And Volume**



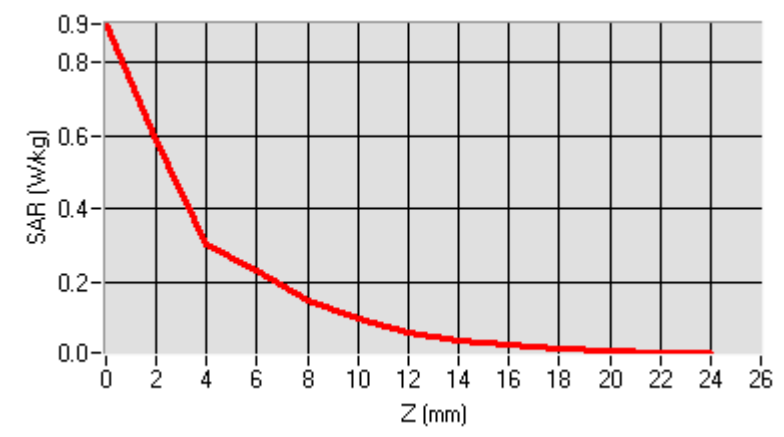
Maximum location: X=7.00, Y=-8.00

SAR Peak: 0.87 W/kg

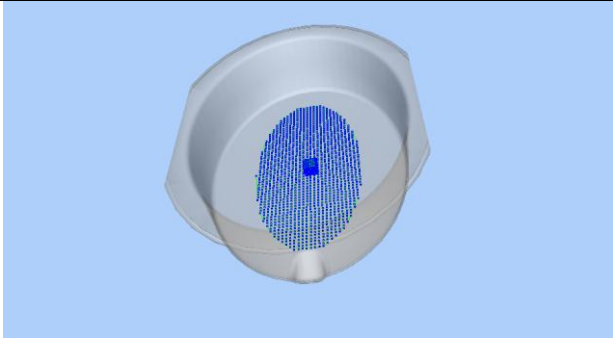

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.141
SAR 1g (W/Kg)	0.345

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11n band (Body)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Body – Device C, holster 3 side left

### A. Experimental conditions

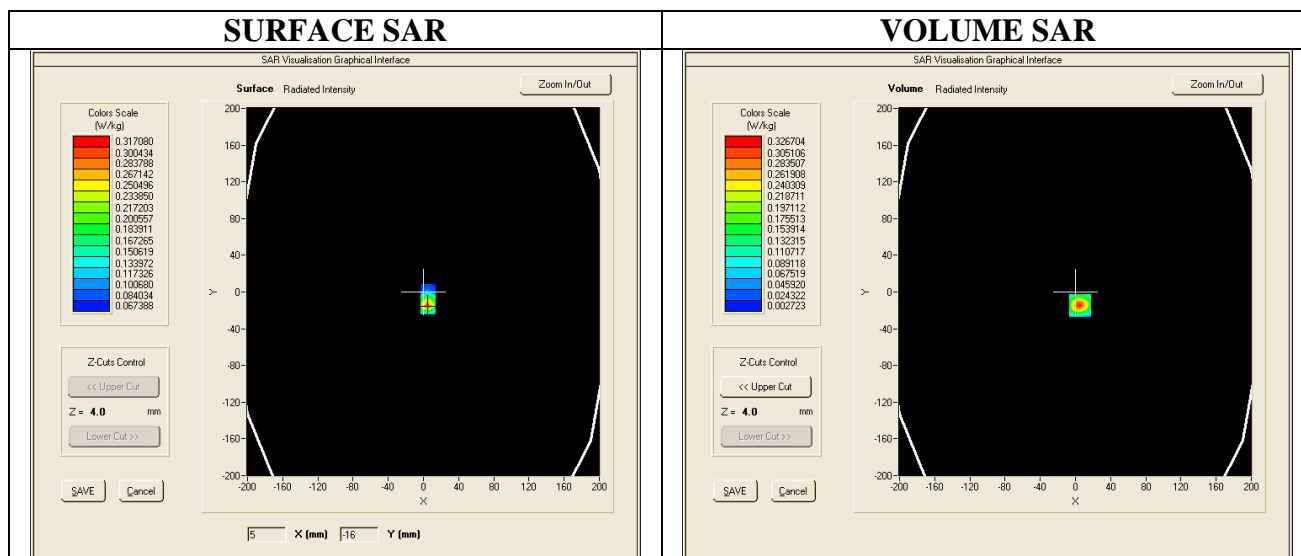
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	Elliptical Phantom SN 29/11 ELLI21
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Body
<b>Band</b>	IEEE 802.11n
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

<b>Frequency (MHz)</b>	5500.00
<b>Relative permittivity (real part)</b>	36.98
<b>Relative permittivity (imaginary part)</b>	16.43
<b>Conductivity (S/m)</b>	5.02
<b>Variation (%)</b>	-1.36

### C. SAR Surface And Volume



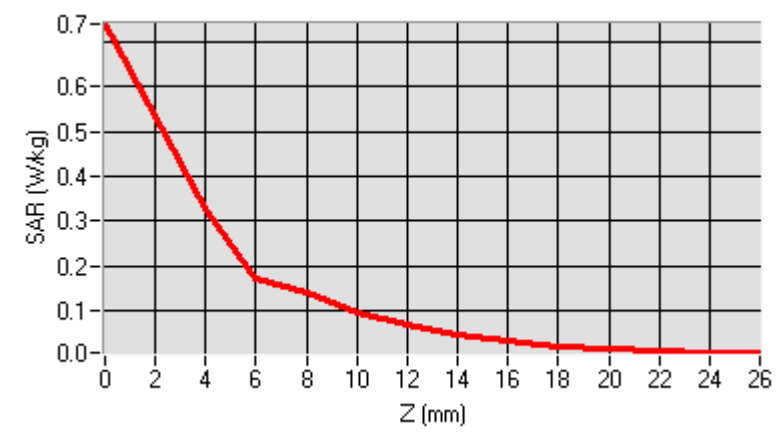
Maximum location: X=5.00, Y=-15.00

SAR Peak: 0.73 W/kg

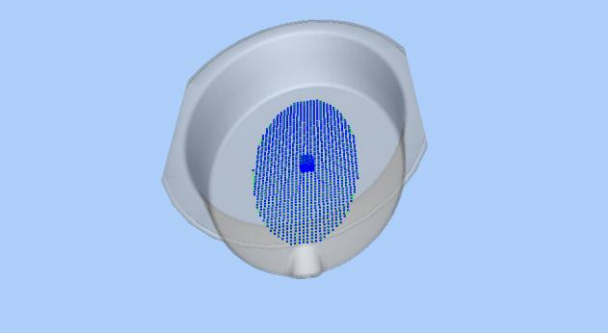

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.113
SAR 1g (W/Kg)	0.295

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	



## SAR Measurement at 421 MHz (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Cheek – Device C, no holster

### A. Experimental conditions

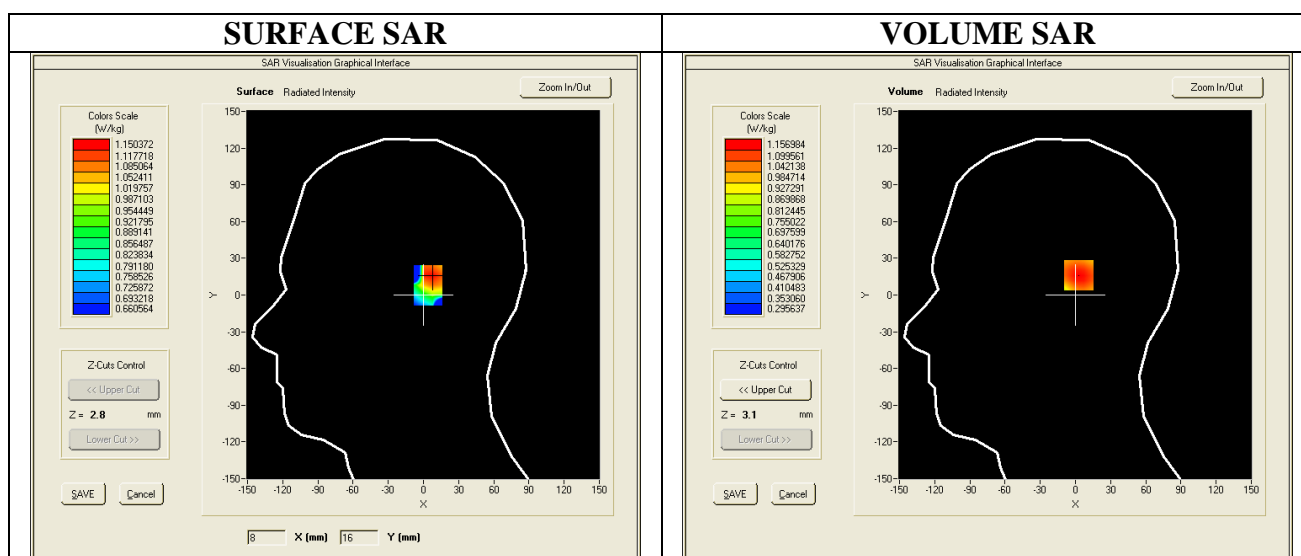
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V/m})^2$ ConvF: 6.52 DCP: 120, 122, 117 mV
Device Position	Right Cheek
Band	CUSTOM
Channels	Middle
Signal	CUSTOM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel -):

Frequency (MHz)	421.00
Relative permittivity (real part)	44.29
Relative permittivity (imaginary part)	38.61
Conductivity (S/m)	0.90
Variation (%)	1.49

### C. SAR Surface And Volume



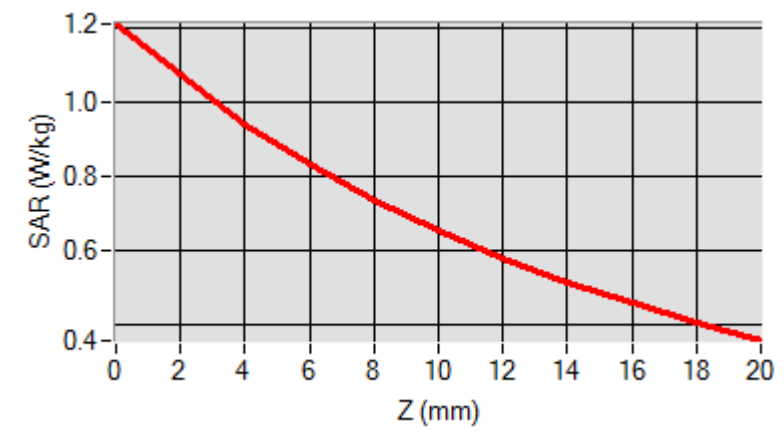
Maximum location: X=7.00, Y=16.00

SAR Peak: 1.21 W/kg

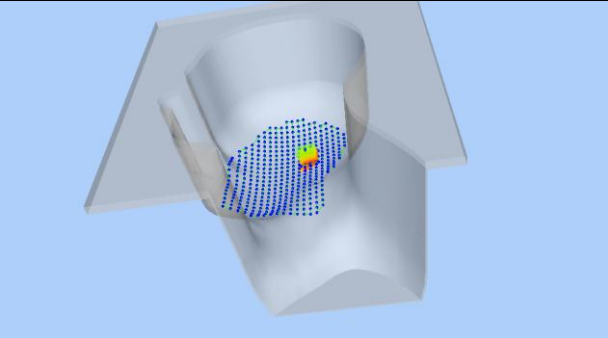

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.670
SAR 1g (W/Kg)	0.947

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at 421 MHz (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Tilt – Device C, no holster

### A. Experimental conditions

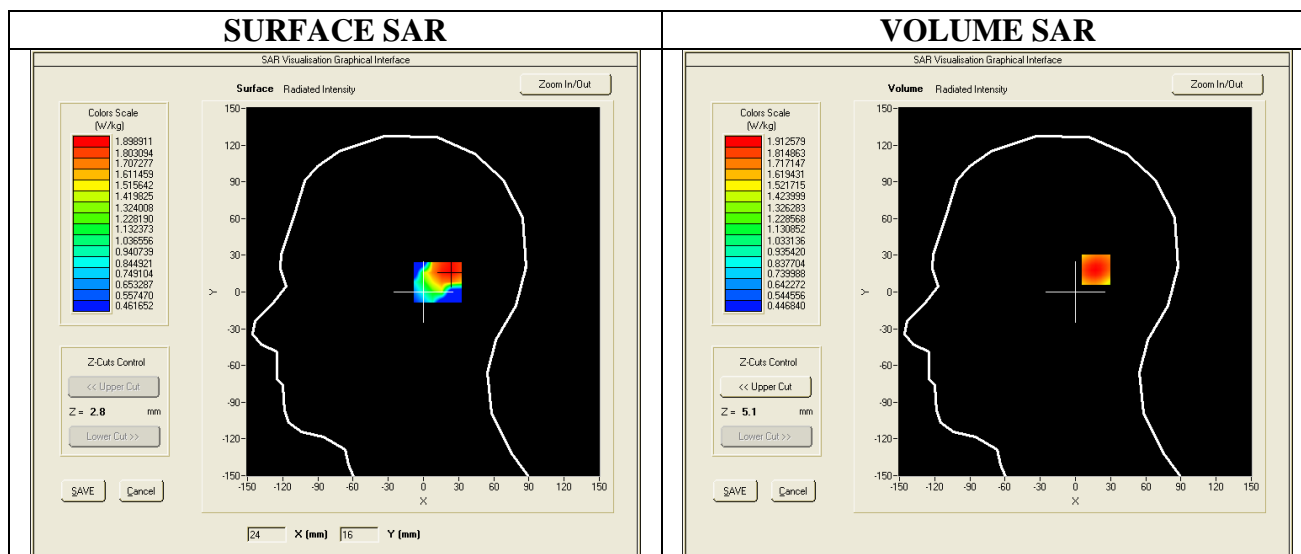
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 6.52 DCP: 120, 122, 117 mV
Device Position	Right Tilt
Band	CUSTOM
Channels	Middle
Signal	CUSTOM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel -):

Frequency (MHz)	421.00
Relative permittivity (real part)	44.29
Relative permittivity (imaginary part)	38.61
Conductivity (S/m)	0.90
Variation (%)	0.63

### C. SAR Surface And Volume



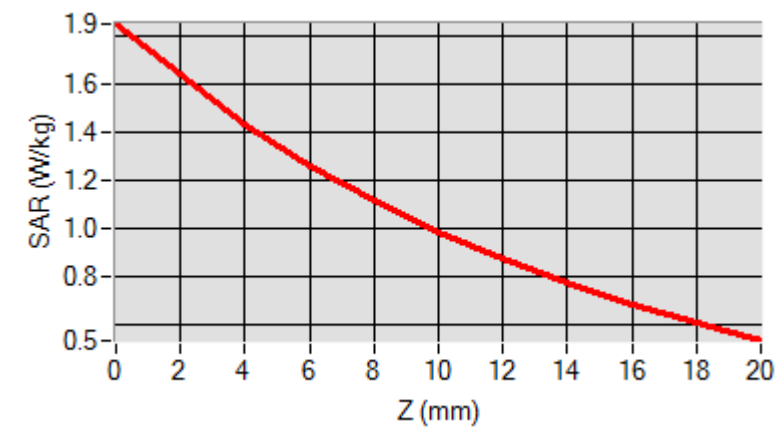
Maximum location: X=23.00, Y=18.00

SAR Peak: 1.85 W/kg

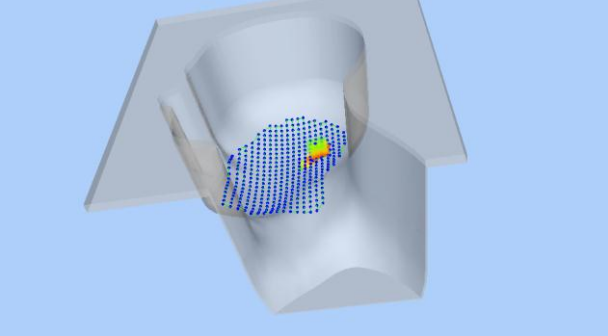
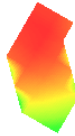
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	1.014
SAR 1g (W/Kg)	1.442

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at 421 MHz (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Left Cheek – Device C, no holster

### A. Experimental conditions

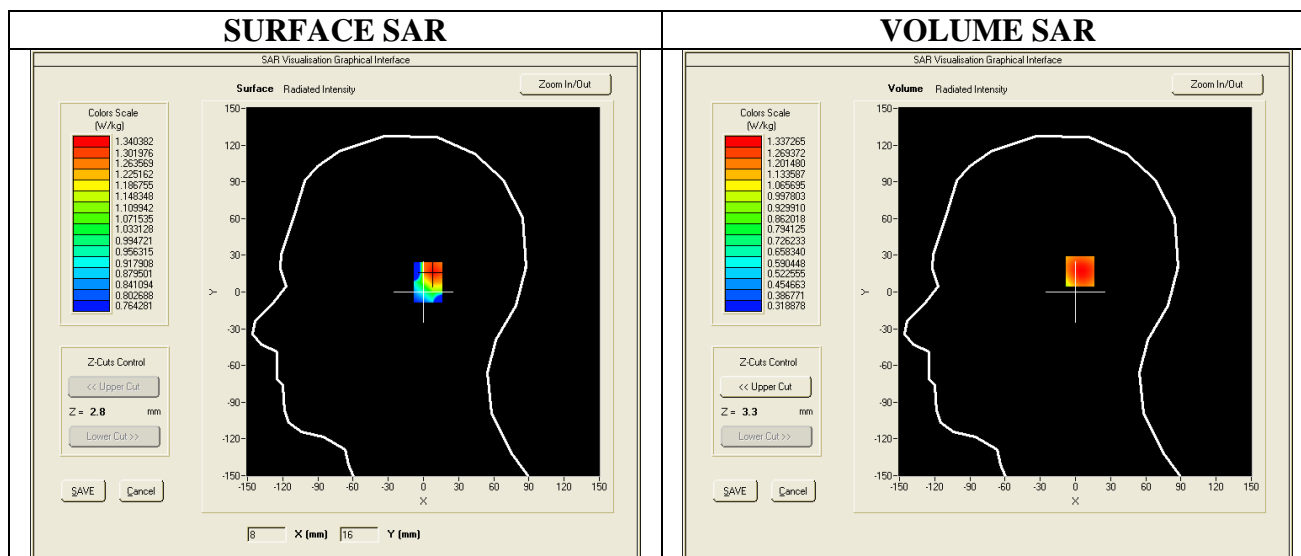
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 6.52 DCP: 120, 122, 117 mV
<b>Device Position</b>	Left Cheek
<b>Band</b>	CUSTOM
<b>Channels</b>	Middle
<b>Signal</b>	CUSTOM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel -):

<b>Frequency (MHz)</b>	421.00
<b>Relative permittivity (real part)</b>	44.29
<b>Relative permittivity (imaginary part)</b>	38.61
<b>Conductivity (S/m)</b>	0.90
<b>Variation (%)</b>	0.67

### C. SAR Surface And Volume



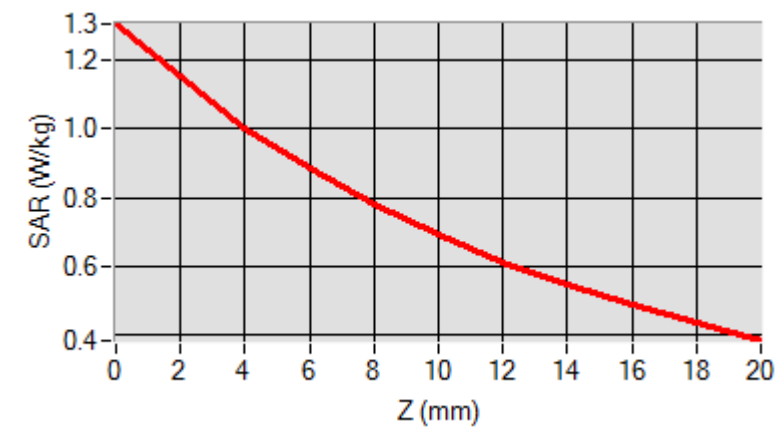
Maximum location: X=8.00, Y=16.00

SAR Peak: 1.30 W/kg

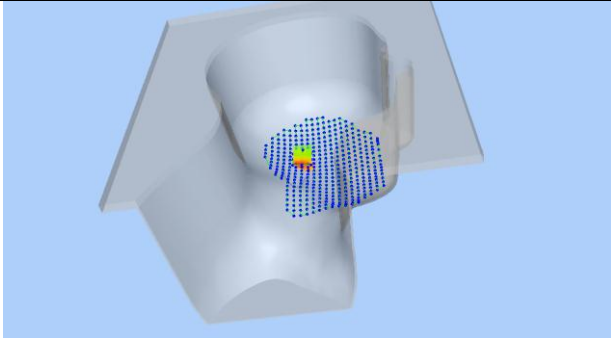

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.722
SAR 1g (W/Kg)	1.017

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at 421 MHz (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Left Tilt – Device C, no holster

### A. Experimental conditions

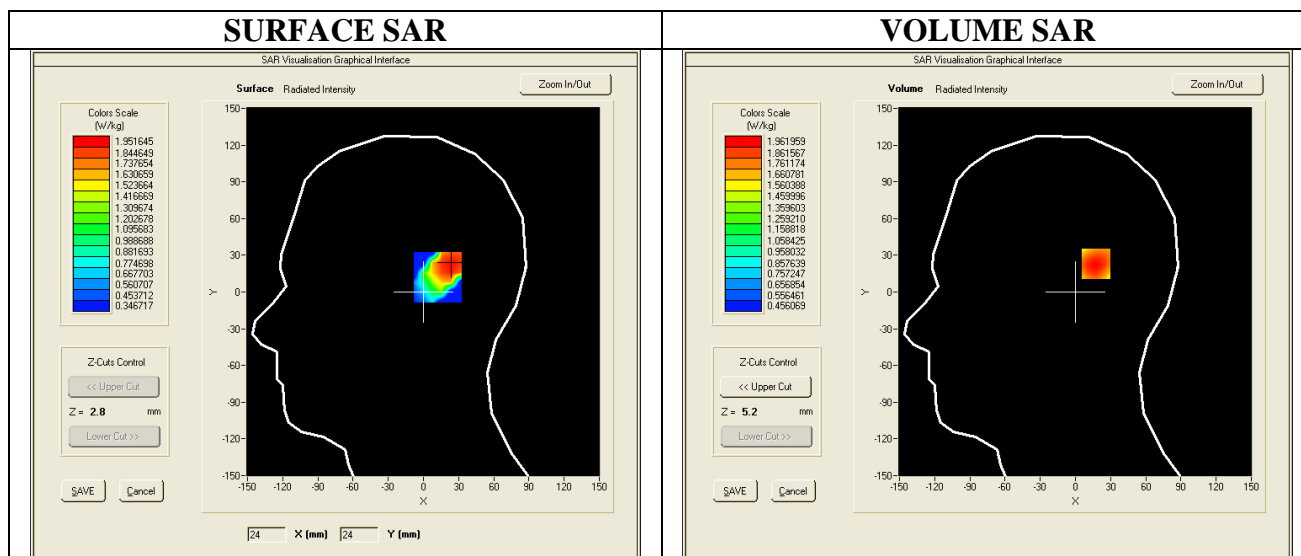
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 6.52 DCP: 120, 122, 117 mV
Device Position	Left Tilt
Band	CUSTOM
Channels	Middle
Signal	CUSTOM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel -):

Frequency (MHz)	421.00
Relative permittivity (real part)	44.29
Relative permittivity (imaginary part)	38.61
Conductivity (S/m)	0.90
Variation (%)	0.45

### C. SAR Surface And Volume



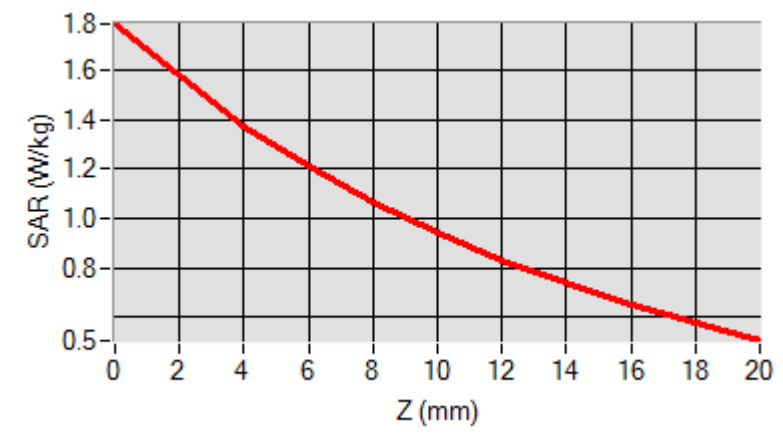
Maximum location: X=24.00, Y=23.00

SAR Peak: 1.79 W/kg

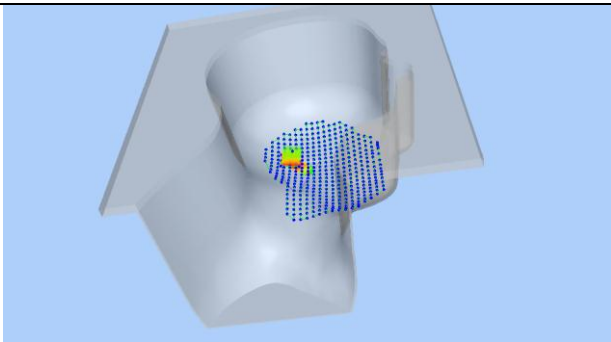
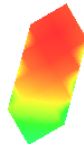
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.966
SAR 1g (W/Kg)	1.384

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	



## SAR Measurement at 435 MHz (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Cheek – Device D, no holster

### A. Experimental conditions

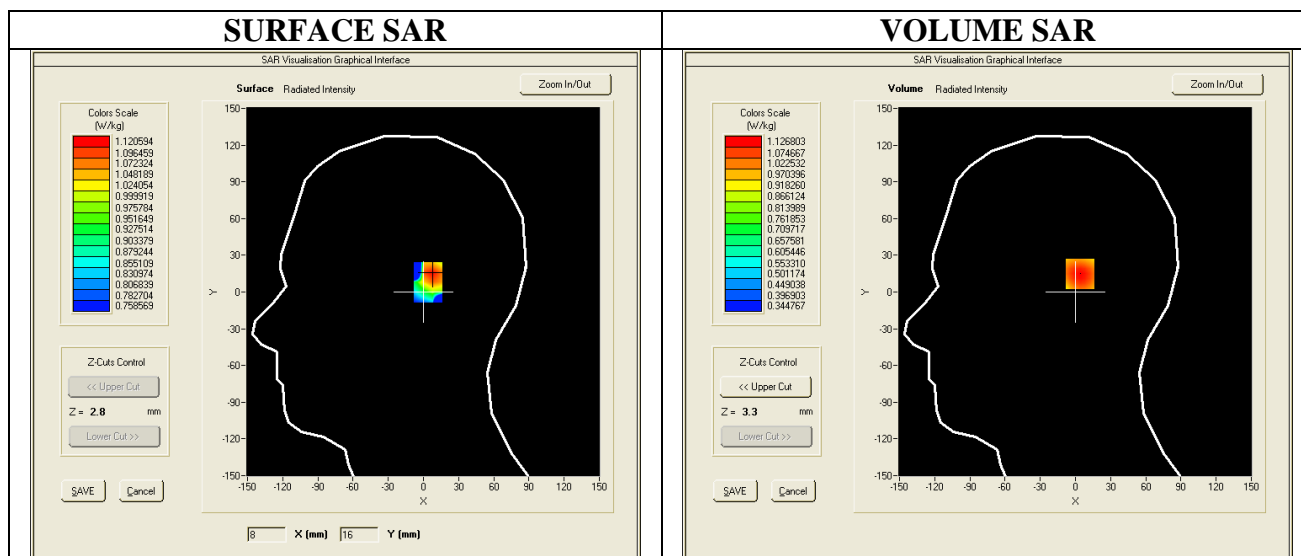
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 6.52 DCP: 120, 122, 117 mV
Device Position	Right Cheek
Band	CUSTOM
Channels	Low
Signal	CUSTOM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel -):

Frequency (MHz)	435.00
Relative permittivity (real part)	44.24
Relative permittivity (imaginary part)	37.66
Conductivity (S/m)	0.91
Variation (%)	2.10

### C. SAR Surface And Volume



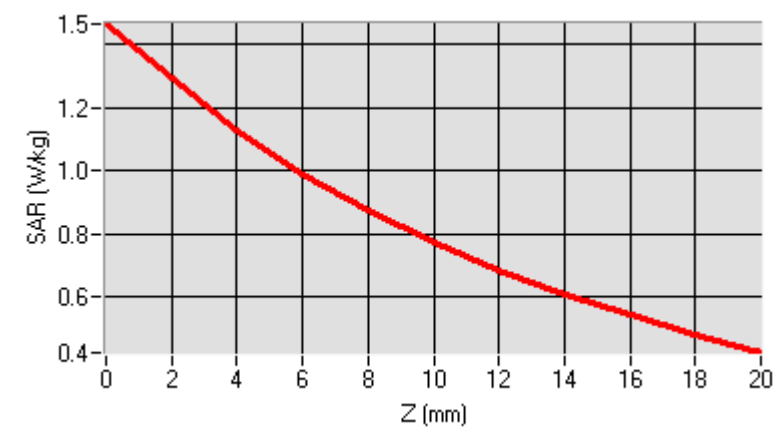
Maximum location: X=8.00, Y=15.00

SAR Peak: 1.49 W/kg

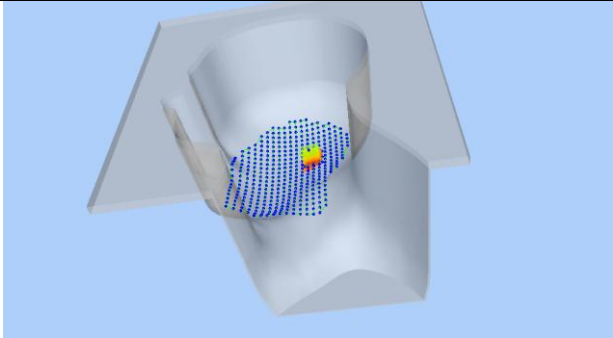

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.770
SAR 1g (W/Kg)	1.096

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at 435 MHz (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Tilt – Device D, no holster

### A. Experimental conditions

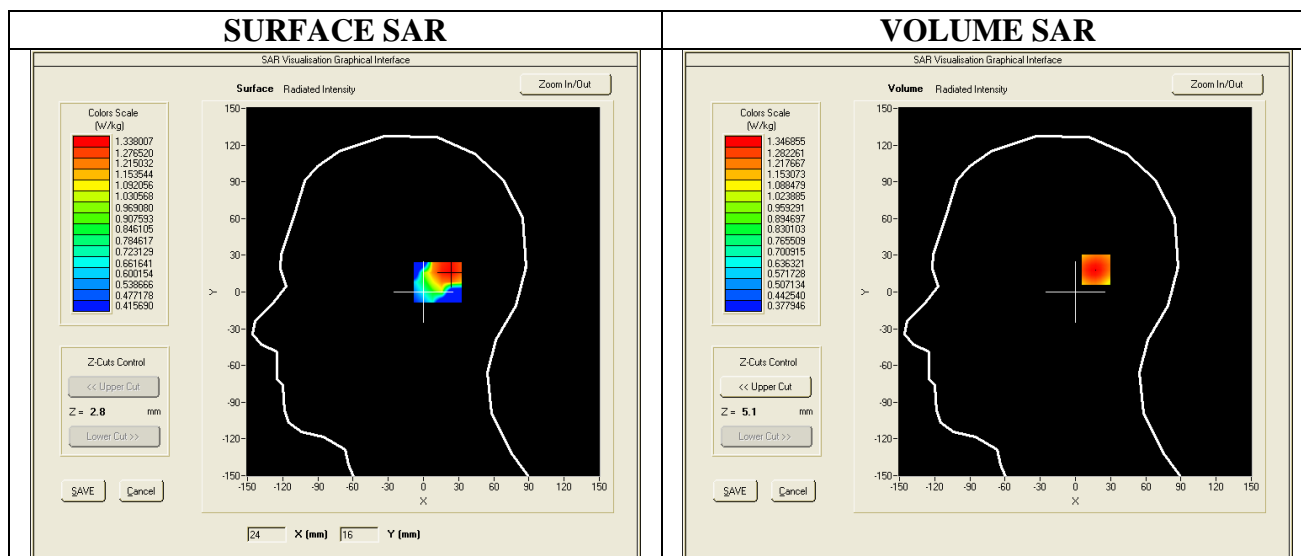
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 6.52 DCP: 120, 122, 117 mV
<b>Device Position</b>	Right Tilt
<b>Band</b>	CUSTOM
<b>Channels</b>	Low
<b>Signal</b>	CUSTOM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel -):

<b>Frequency (MHz)</b>	435.00
<b>Relative permittivity (real part)</b>	44.24
<b>Relative permittivity (imaginary part)</b>	37.66
<b>Conductivity (S/m)</b>	0.91
<b>Variation (%)</b>	1.59

### C. SAR Surface And Volume



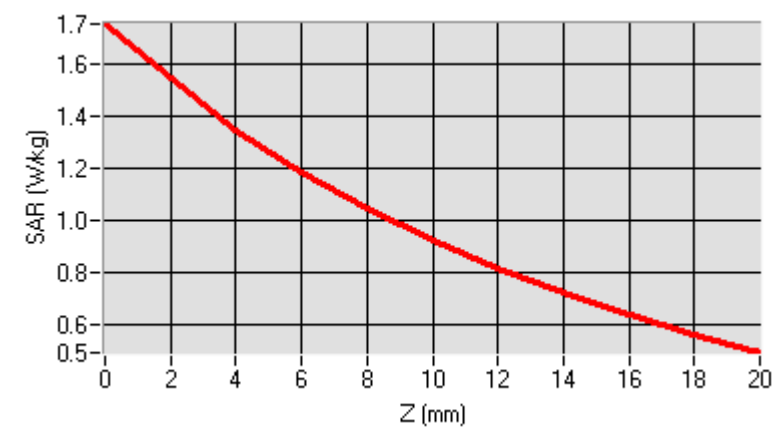
Maximum location: X=23.00, Y=18.00

SAR Peak: 1.75 W/kg

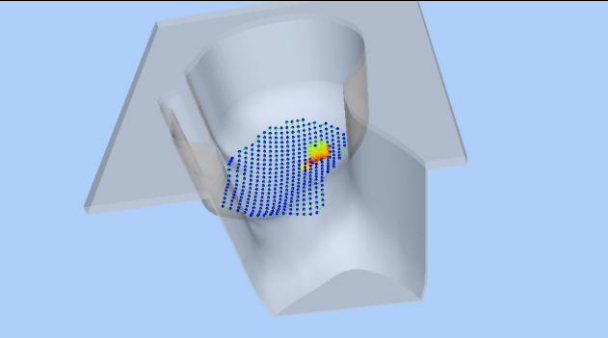
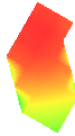
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.914
SAR 1g (W/Kg)	1.306

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at 435 MHz (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Left Cheek – Device D, no holster

### A. Experimental conditions

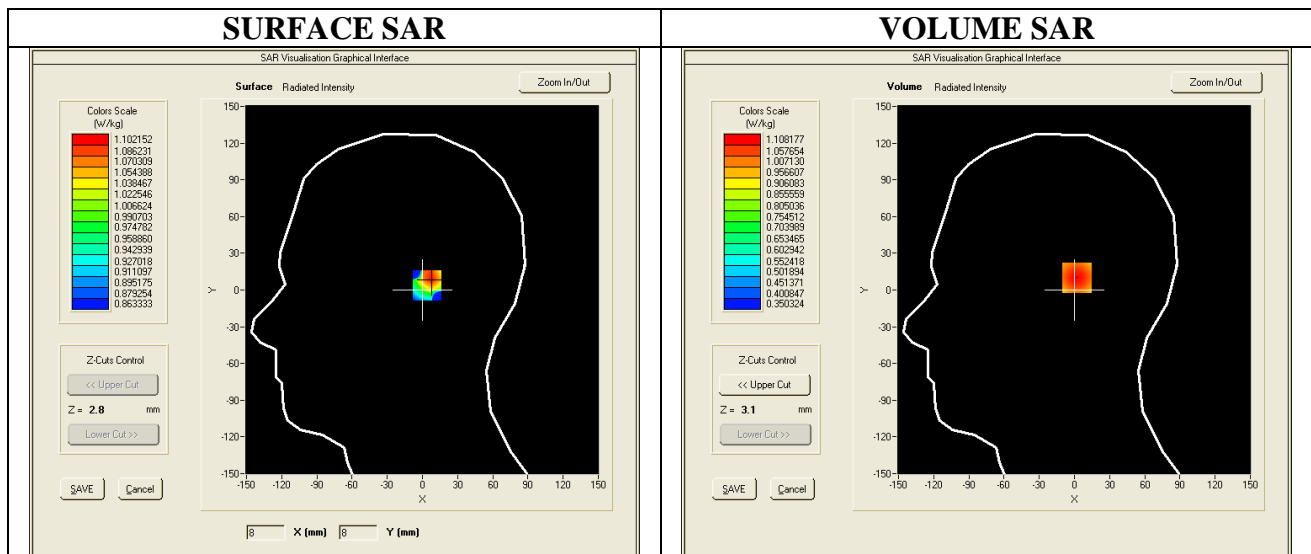
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 6.52 DCP: 120, 122, 117 mV
<b>Device Position</b>	Left Cheek
<b>Band</b>	CUSTOM
<b>Channels</b>	Low
<b>Signal</b>	CUSTOM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel -):

<b>Frequency (MHz)</b>	435.00
<b>Relative permittivity (real part)</b>	44.24
<b>Relative permittivity (imaginary part)</b>	37.66
<b>Conductivity (S/m)</b>	0.91
<b>Variation (%)</b>	0.57

### C. SAR Surface And Volume



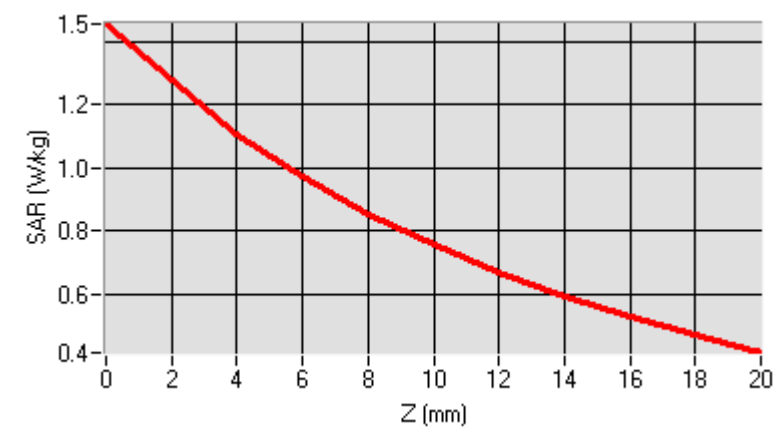
Maximum location: X=7.00, Y=10.00

SAR Peak: 1.46 W/kg

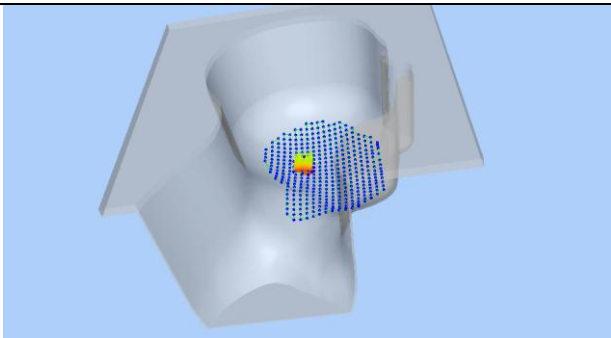

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.759
SAR 1g (W/Kg)	1.077

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at 435 MHz (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Left Tilt – Device D, no holster

### A. Experimental conditions

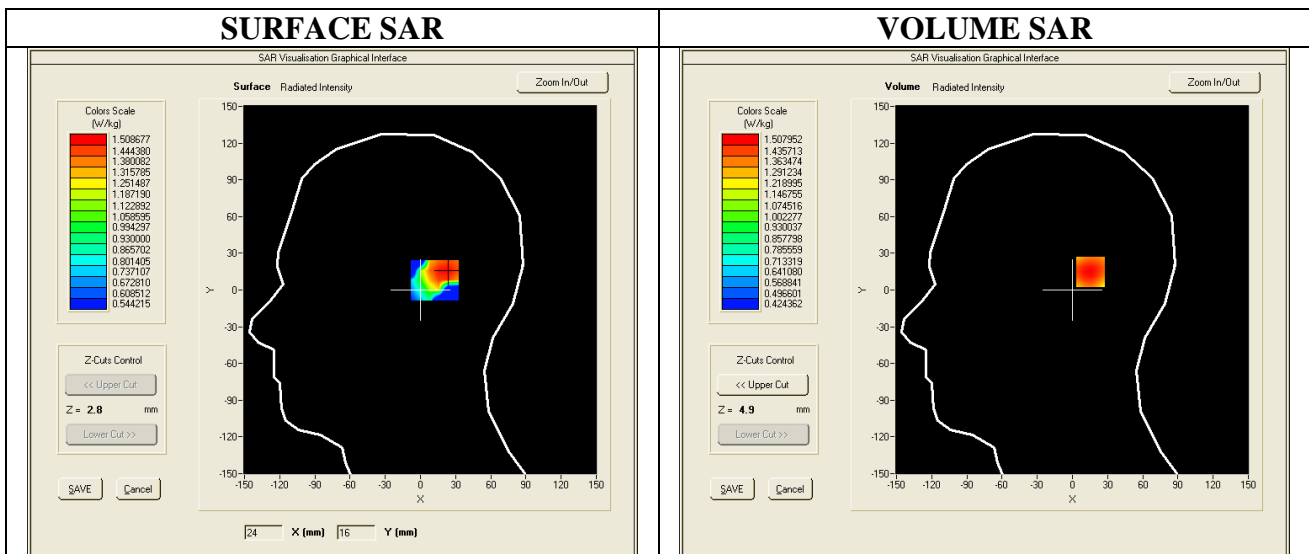
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 6.52 DCP: 120, 122, 117 mV
Device Position	Left Tilt
Band	CUSTOM
Channels	Low
Signal	CUSTOM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel -):

Frequency (MHz)	435.00
Relative permittivity (real part)	44.24
Relative permittivity (imaginary part)	37.66
Conductivity (S/m)	0.91
Variation (%)	-1.21

### C. SAR Surface And Volume



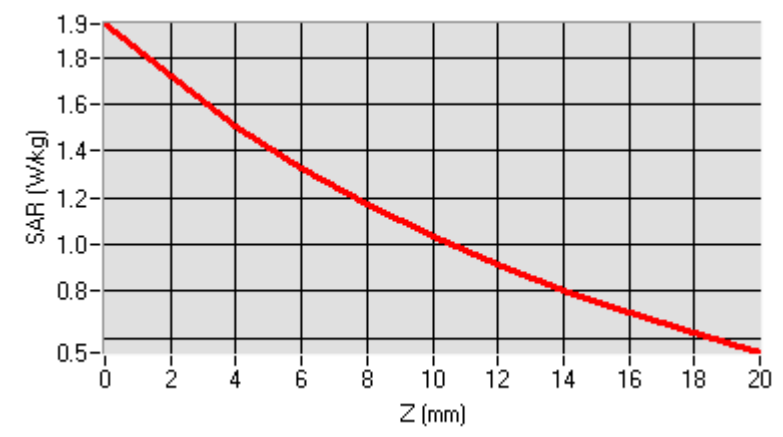
Maximum location: X=22.00, Y=15.00

SAR Peak: 1.97 W/kg

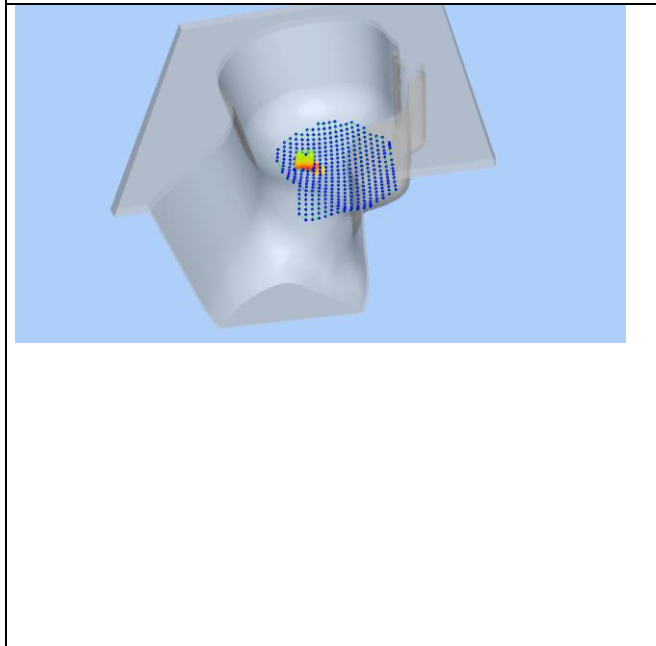
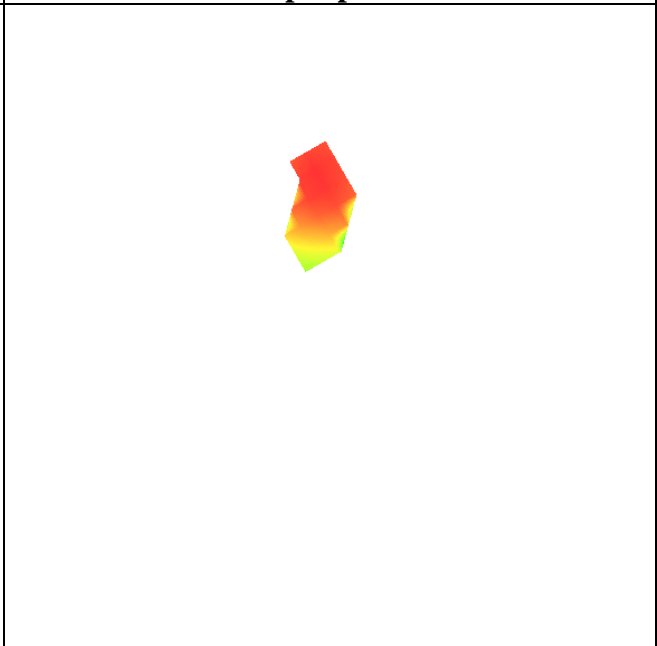
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	1.024
SAR 1g (W/Kg)	1.465

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	



## SAR Measurement at IEEE 802.11g band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Cheek – Device C, no holster

### A. Experimental conditions

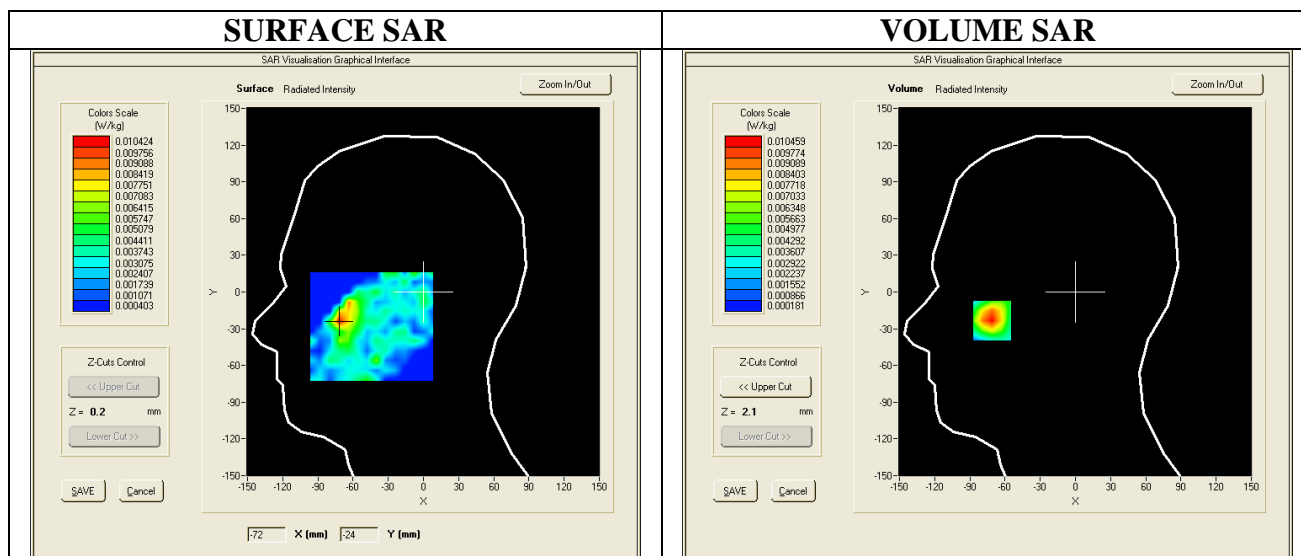
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
<b>Device Position</b>	Right Cheek
<b>Band</b>	IEEE 802.11g
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 6):

<b>Frequency (MHz)</b>	2437.00
<b>Relative permittivity (real part)</b>	44.24
<b>Relative permittivity (imaginary part)</b>	14.07
<b>Conductivity (S/m)</b>	1.90
<b>Variation (%)</b>	2.53

### C. SAR Surface And Volume



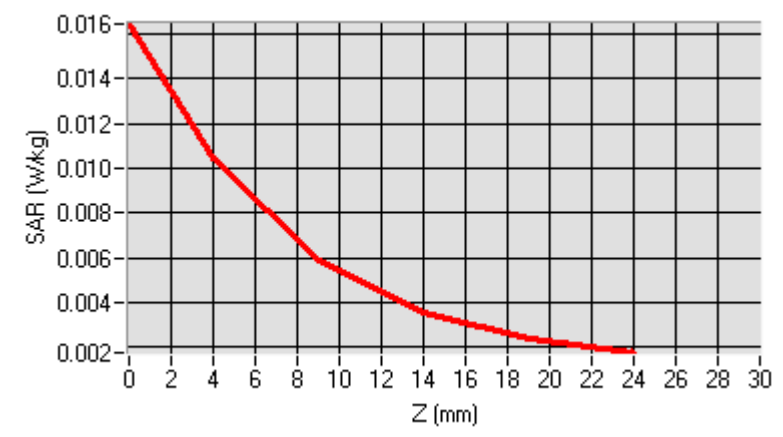
Maximum location: X=-71.00, Y=-23.00

SAR Peak: 0.02 W/kg

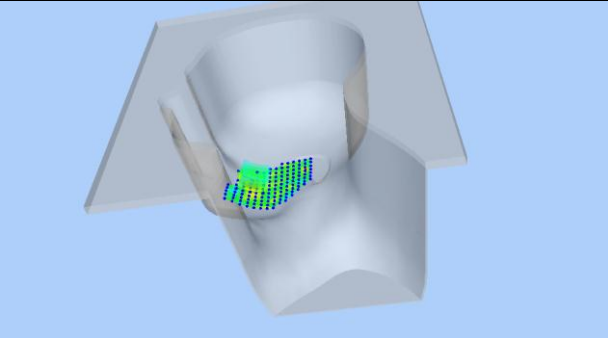
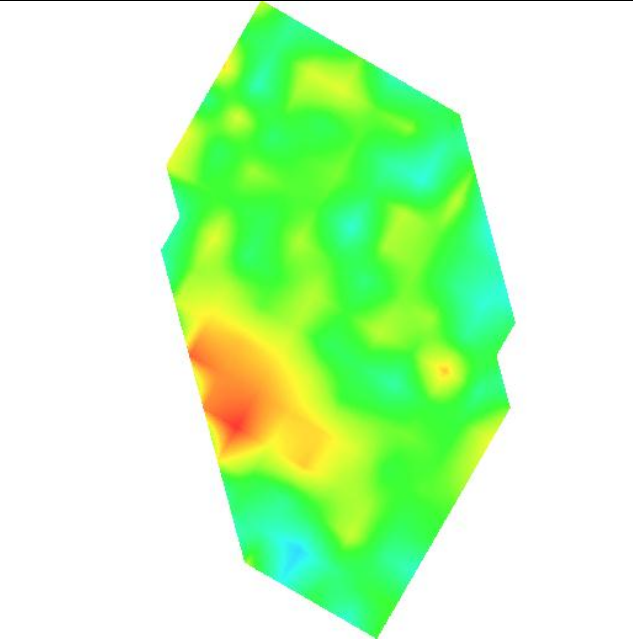
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.005
SAR 1g (W/Kg)	0.010

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11g band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Tilt – Device C, no holster

### A. Experimental conditions

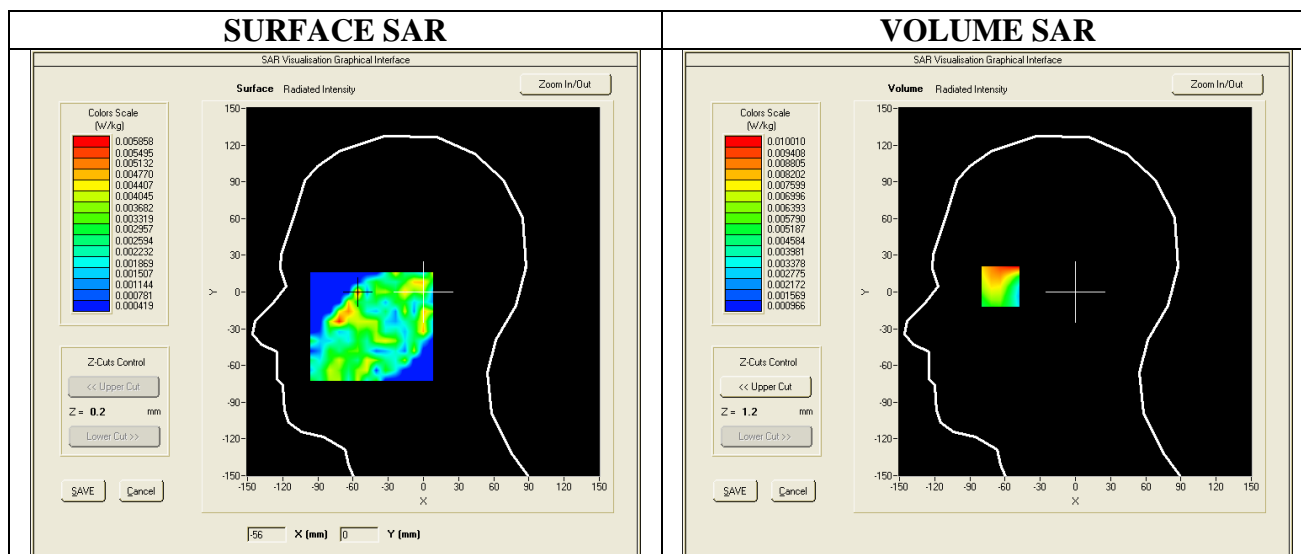
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
<b>Device Position</b>	Right Tilt
<b>Band</b>	IEEE 802.11g
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 6):

<b>Frequency (MHz)</b>	2437.00
<b>Relative permittivity (real part)</b>	44.24
<b>Relative permittivity (imaginary part)</b>	14.07
<b>Conductivity (S/m)</b>	1.90
<b>Variation (%)</b>	-3.96

### C. SAR Surface And Volume



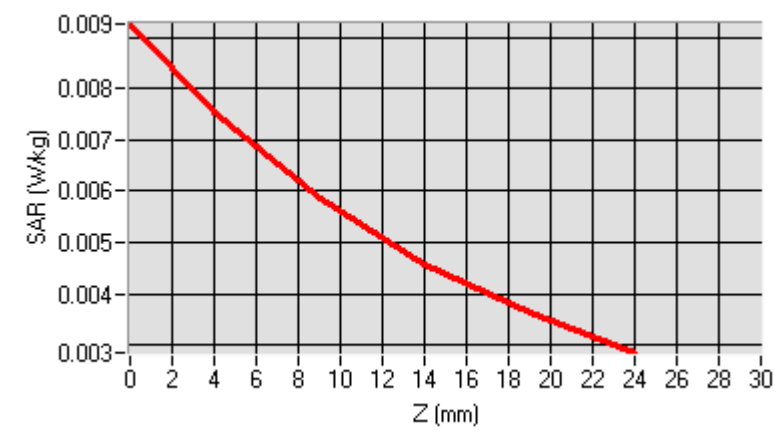
Maximum location: X=-64.00, Y=8.00

SAR Peak: 0.01 W/kg

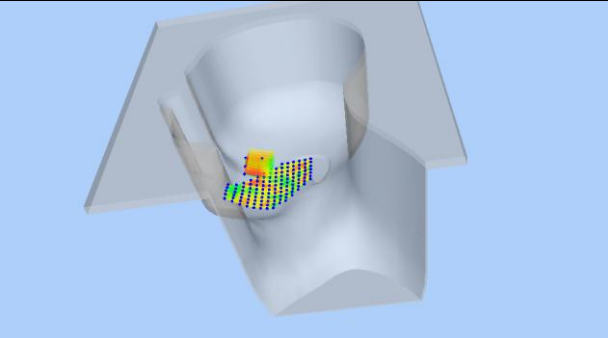
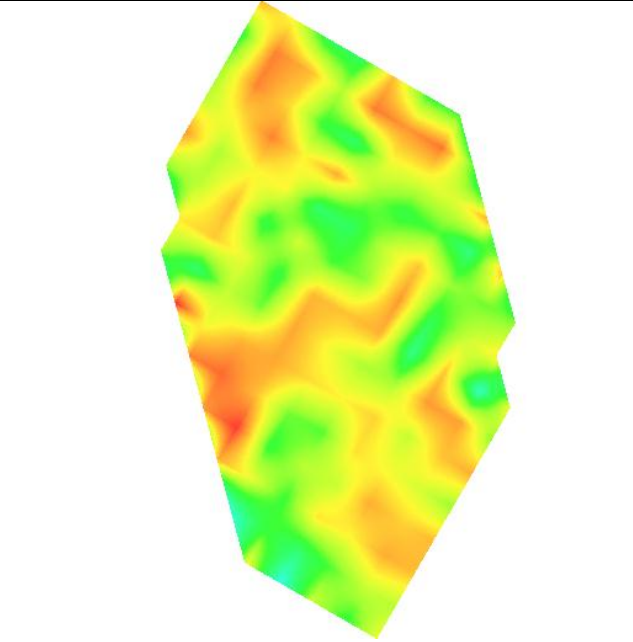
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.006
SAR 1g (W/Kg)	0.009

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11g band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Left Cheek – Device C, no holster

### A. Experimental conditions

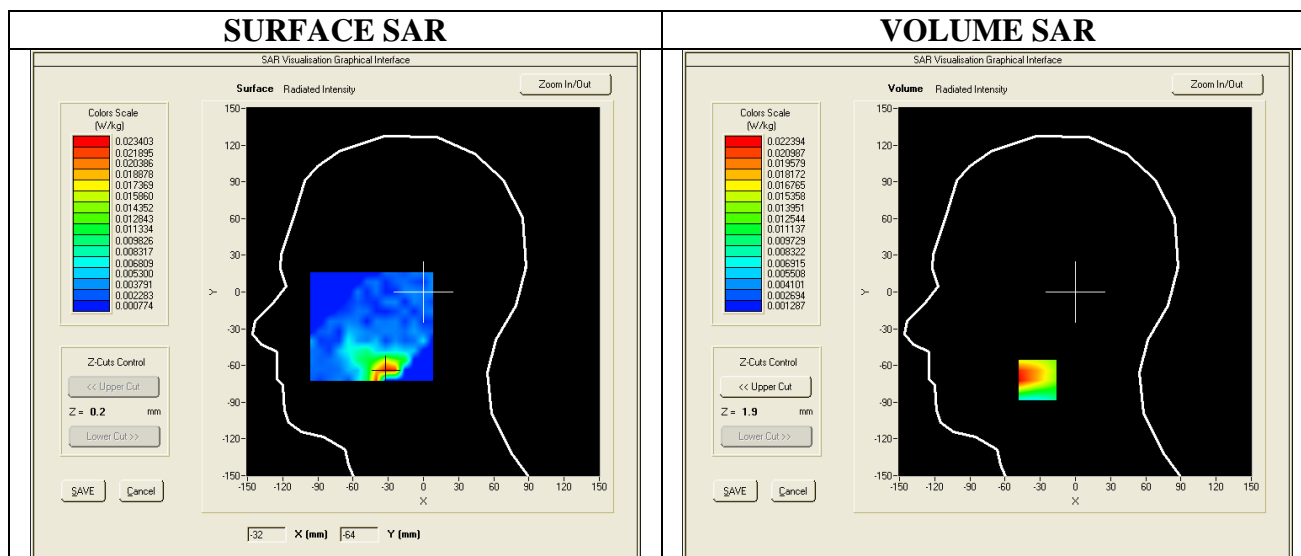
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
<b>Device Position</b>	Left Cheek
<b>Band</b>	IEEE 802.11g
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 6):

<b>Frequency (MHz)</b>	2437.00
<b>Relative permittivity (real part)</b>	44.24
<b>Relative permittivity (imaginary part)</b>	14.07
<b>Conductivity (S/m)</b>	1.90
<b>Variation (%)</b>	3.59

### C. SAR Surface And Volume



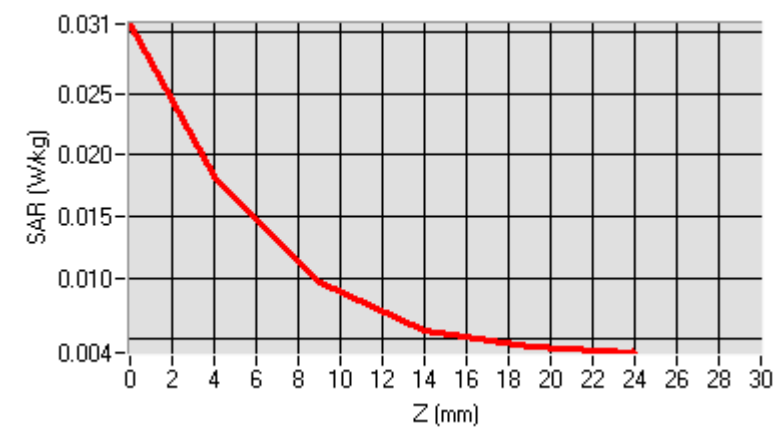
Maximum location: X=-24.00, Y=-72.00

SAR Peak: 0.03 W/kg

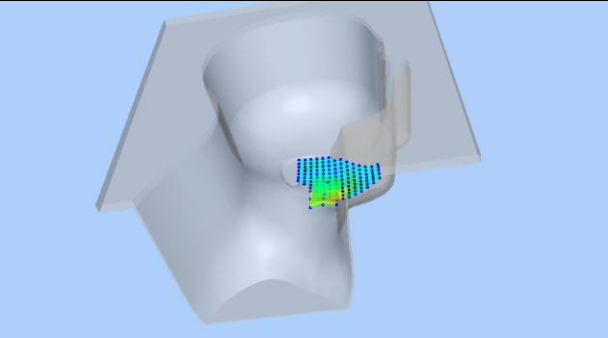
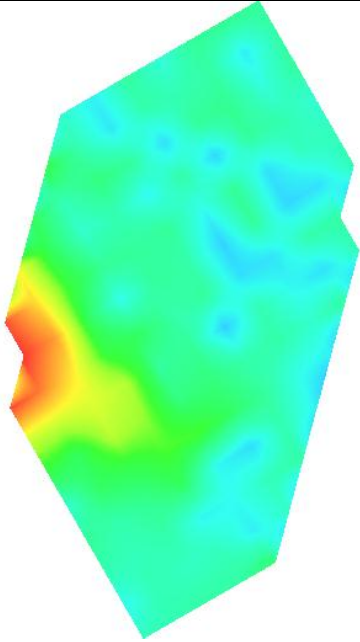
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.012
SAR 1g (W/Kg)	0.022

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11g band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Left Tilt – Device C, no holster

### A. Experimental conditions

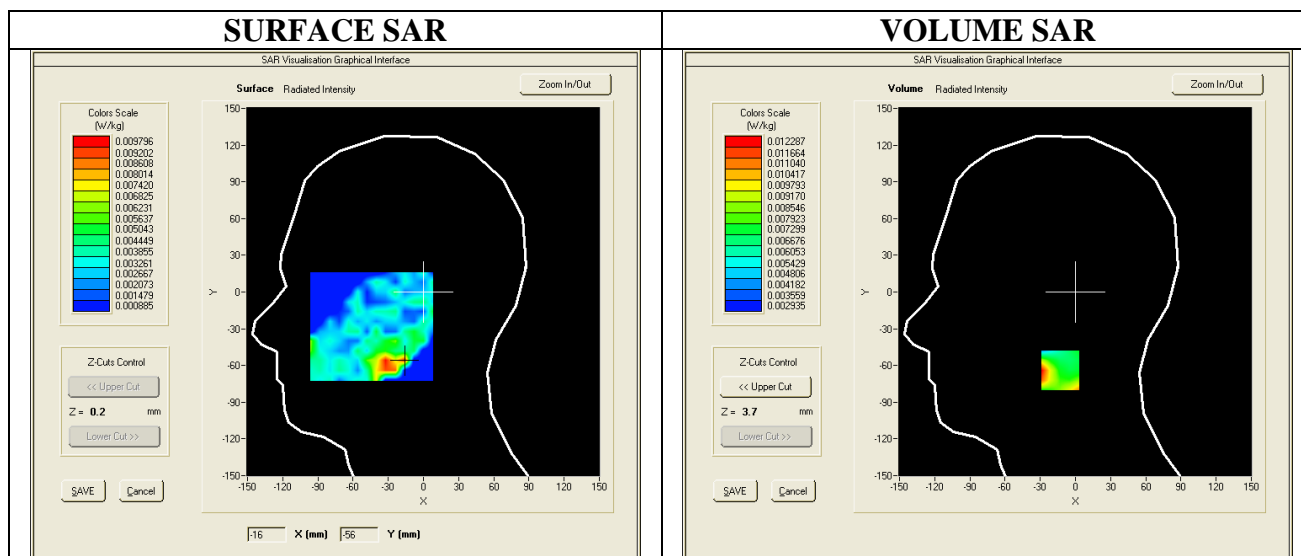
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
Device Position	Left Tilt
Band	IEEE 802.11g
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.00
Relative permittivity (real part)	44.24
Relative permittivity (imaginary part)	14.07
Conductivity (S/m)	1.90
Variation (%)	-4.49

### C. SAR Surface And Volume



Maximum location: X=-8.00, Y=-64.00

SAR Peak: 0.01 W/kg

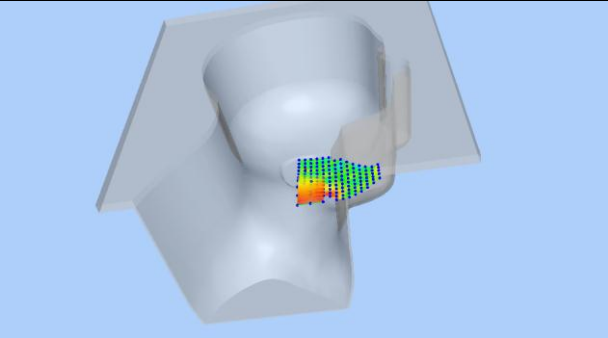
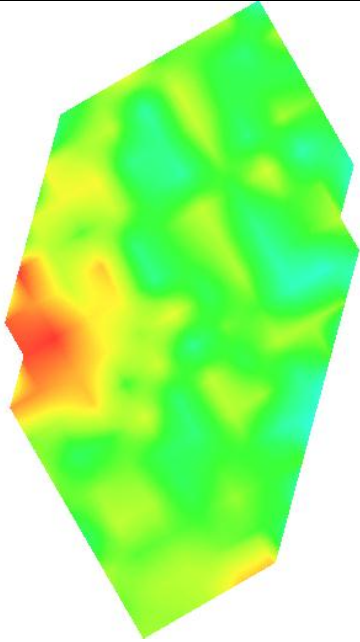
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.008
SAR 1g (W/Kg)	0.011

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	



## SAR Measurement at IEEE 802.11g band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Cheek – Device D, no holster

### A. Experimental conditions

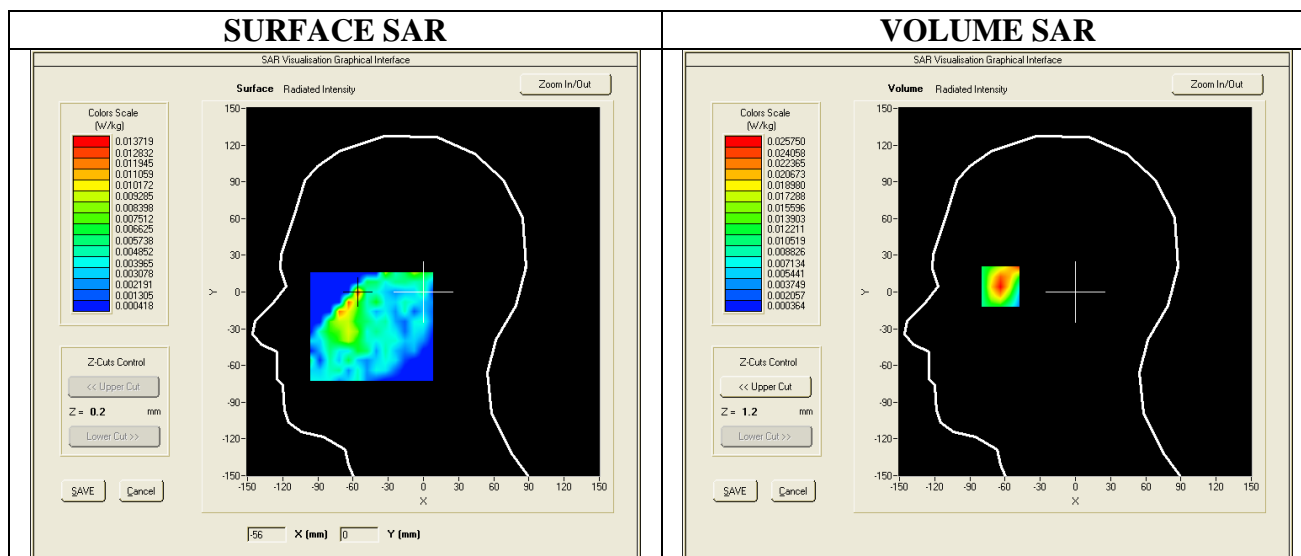
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V/m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
Device Position	Right Cheek
Band	IEEE 802.11g
Channels	High
Signal	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 13):

Frequency (MHz)	2472.00
Relative permittivity (real part)	38.51
Relative permittivity (imaginary part)	13.81
Conductivity (S/m)	1.90
Variation (%)	-5.00

### C. SAR Surface And Volume



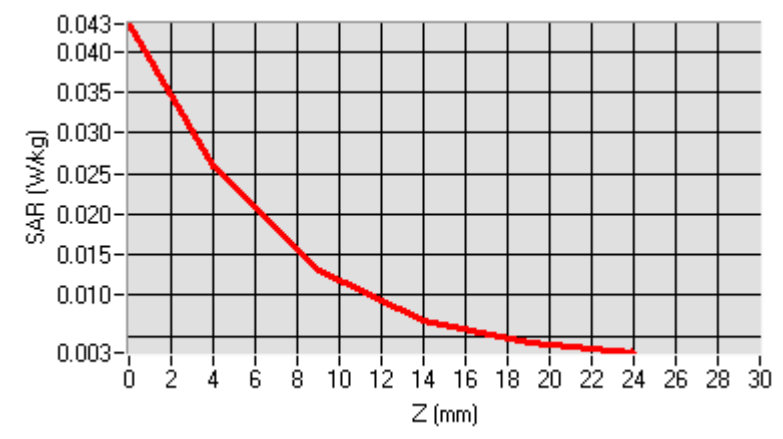
Maximum location: X=-64.00, Y=8.00

SAR Peak: 0.04 W/kg

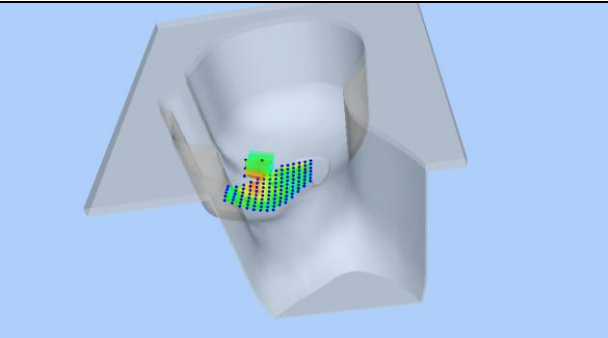
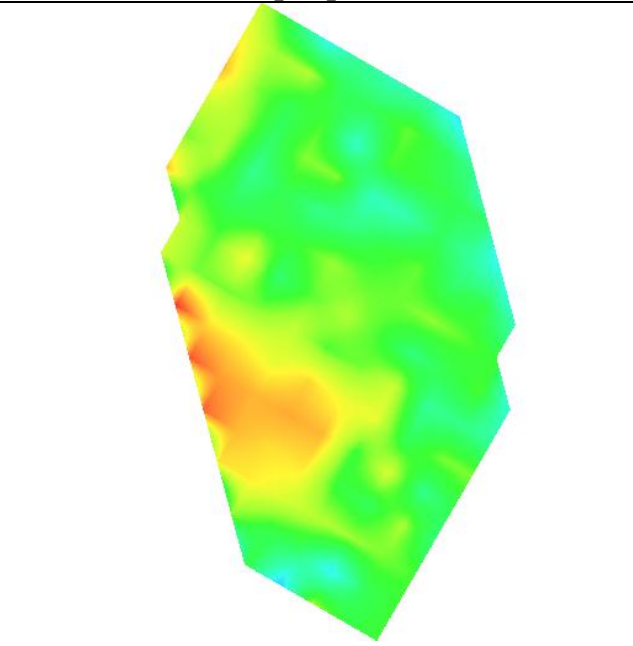
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.012
SAR 1g (W/Kg)	0.025

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11g band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Tilt – Device D, no holster

### A. Experimental conditions

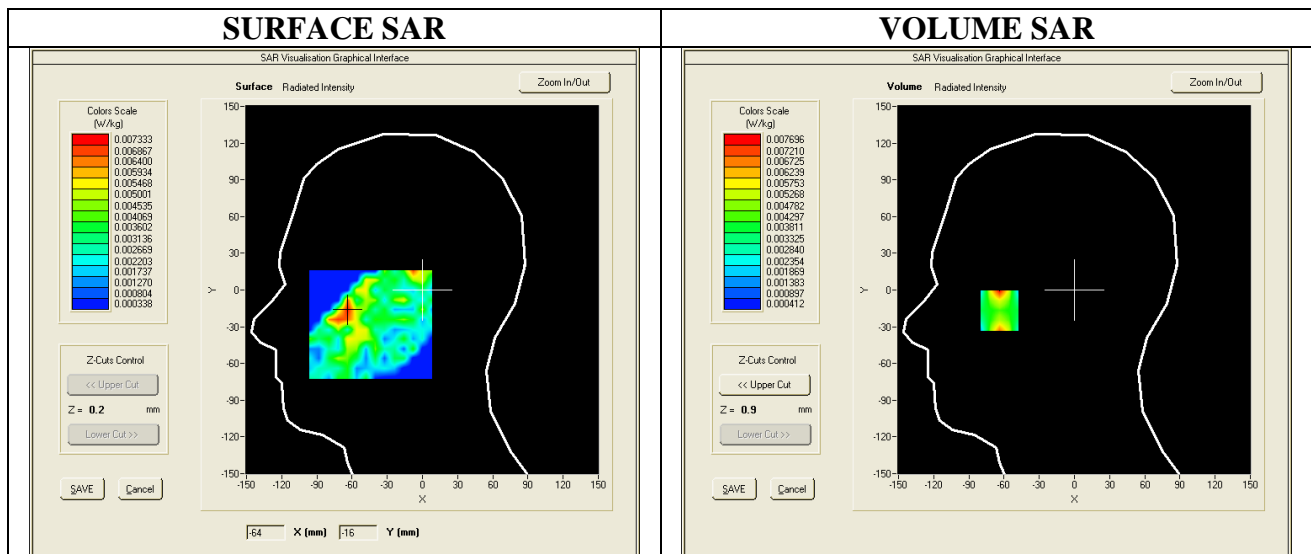
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
<b>Device Position</b>	Right Tilt
<b>Band</b>	IEEE 802.11g
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 13):

<b>Frequency (MHz)</b>	2472.00
<b>Relative permittivity (real part)</b>	38.51
<b>Relative permittivity (imaginary part)</b>	13.81
<b>Conductivity (S/m)</b>	1.90
<b>Variation (%)</b>	0.44

### C. SAR Surface And Volume



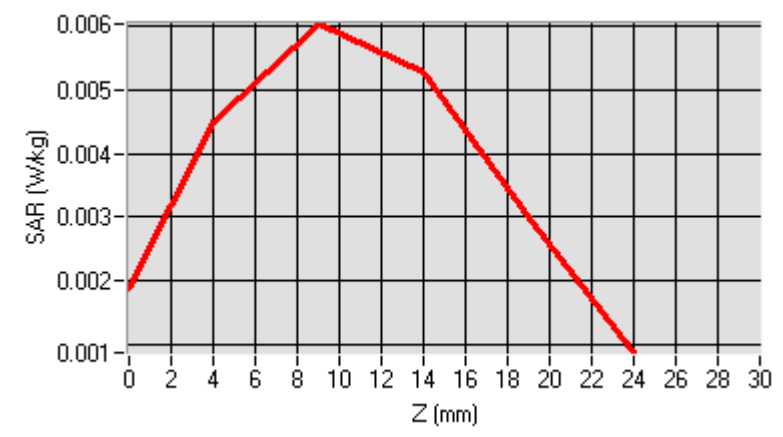
Maximum location: X=-64.00, Y=-16.00

SAR Peak: 0.01 W/kg

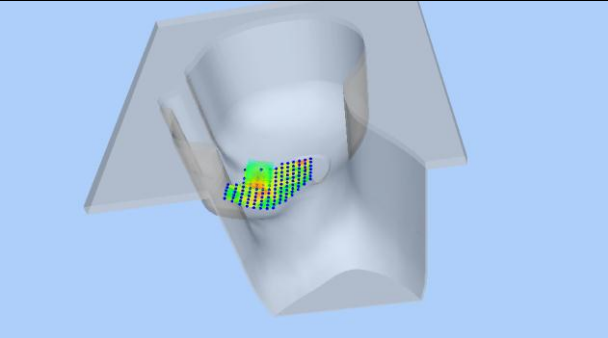
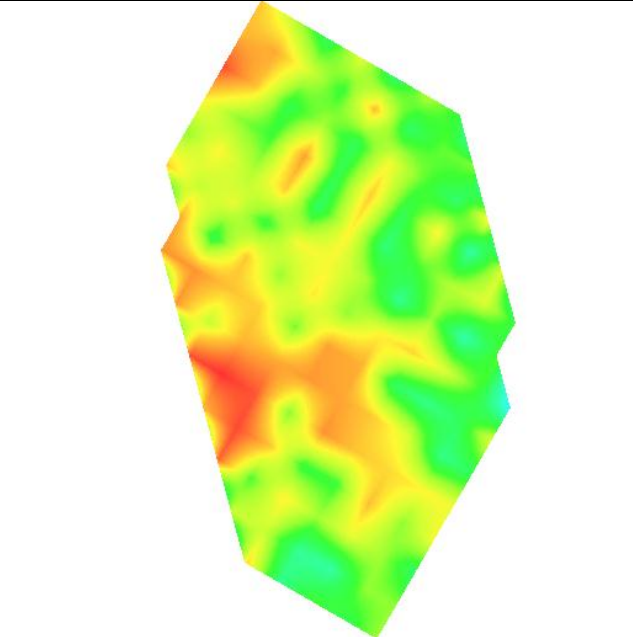
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.004
SAR 1g (W/Kg)	0.007

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11g band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Left Cheek – Device D, no holster

### A. Experimental conditions

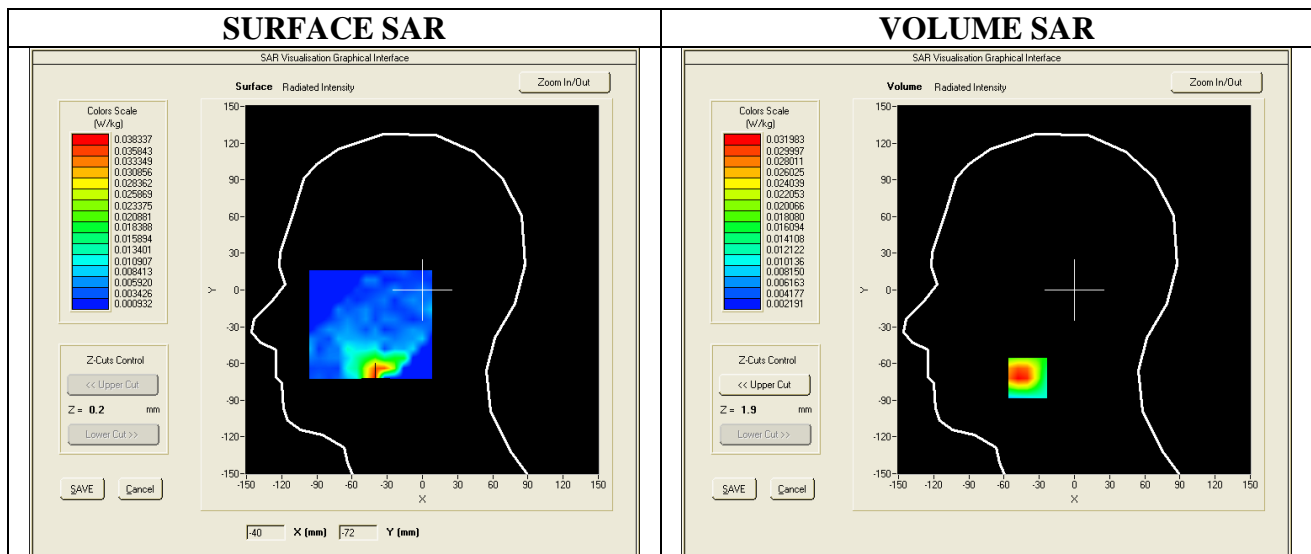
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V/m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
<b>Device Position</b>	Left Cheek
<b>Band</b>	IEEE 802.11g
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 13):

<b>Frequency (MHz)</b>	2472.00
<b>Relative permittivity (real part)</b>	38.51
<b>Relative permittivity (imaginary part)</b>	13.81
<b>Conductivity (S/m)</b>	1.90
<b>Variation (%)</b>	-4.07

### C. SAR Surface And Volume



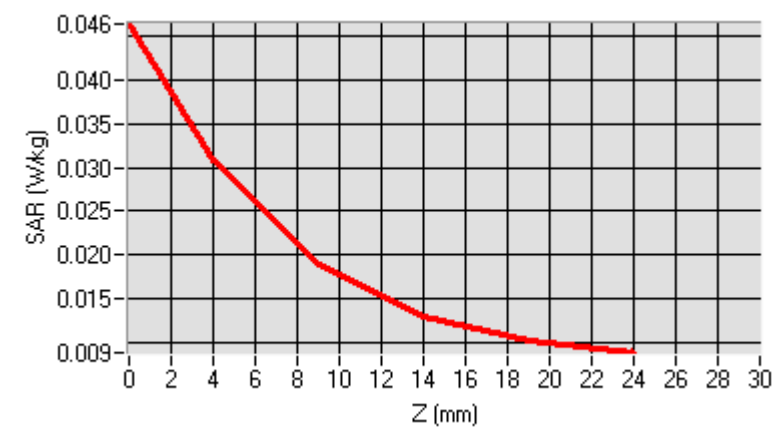
Maximum location: X=-32.00, Y=-72.00

SAR Peak: 0.05 W/kg

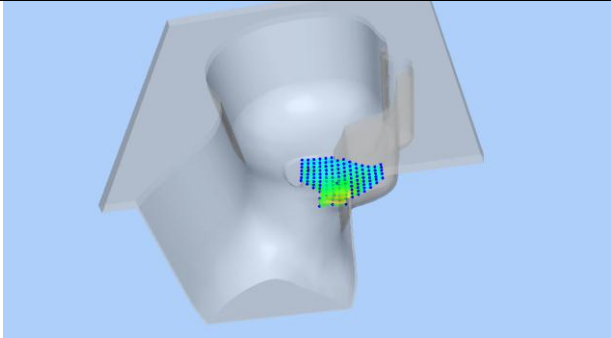
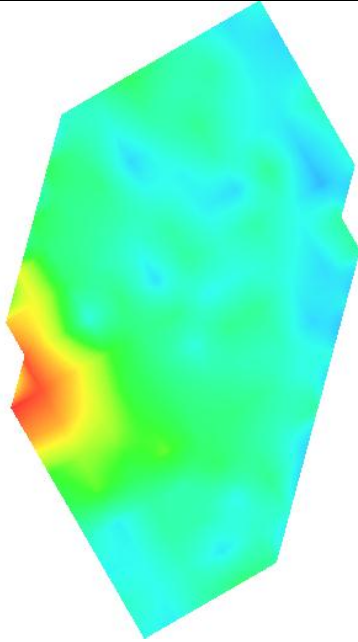
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.019
SAR 1g (W/Kg)	0.032

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11g band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Left Tilt – Device D, no holster

### A. Experimental conditions

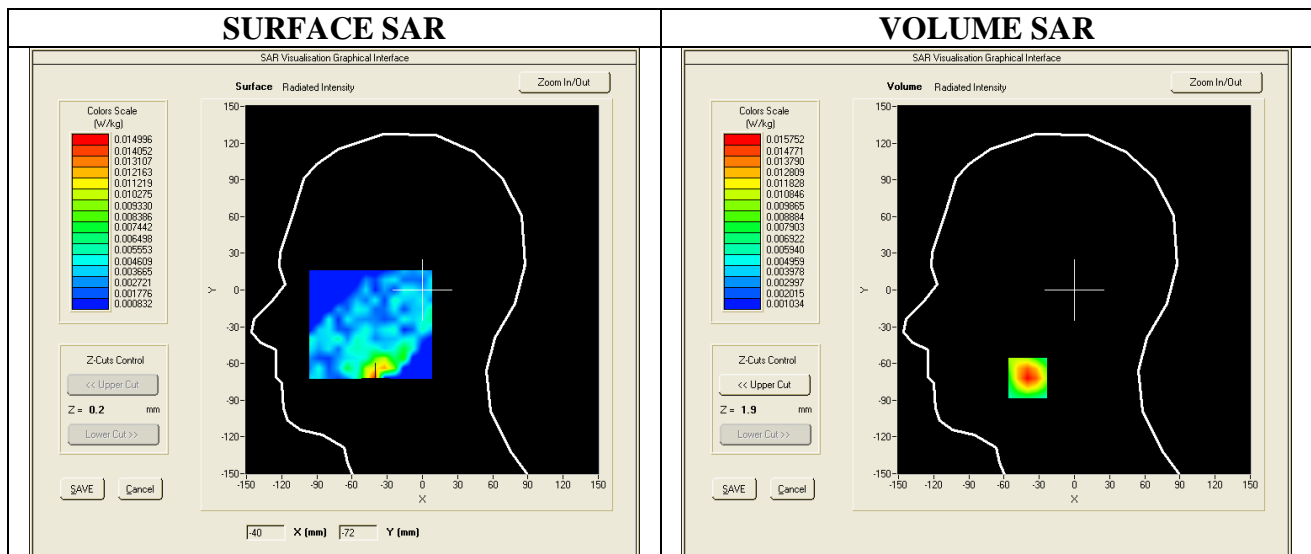
Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.90 DCP: 120, 122, 117 mV
Device Position	Left Tilt
Band	IEEE 802.11g
Channels	High
Signal	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 13):

Frequency (MHz)	2472.00
Relative permittivity (real part)	38.51
Relative permittivity (imaginary part)	13.81
Conductivity (S/m)	1.90
Variation (%)	0.89

### C. SAR Surface And Volume



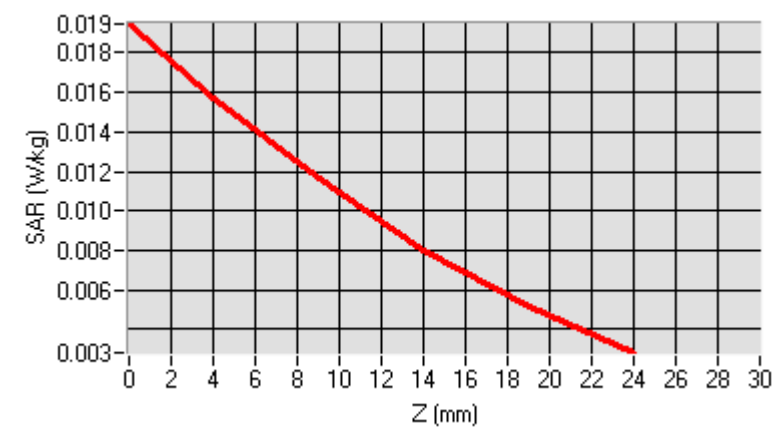
Maximum location: X=-32.00, Y=-72.00

SAR Peak: 0.02 W/kg

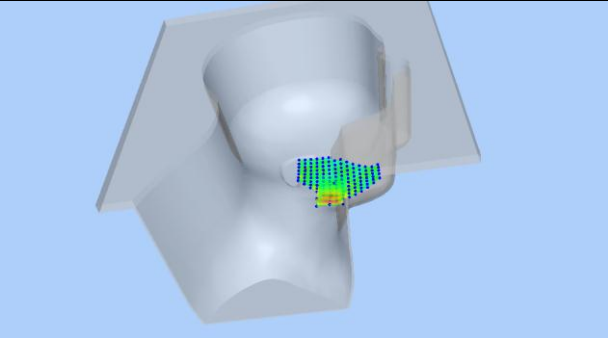
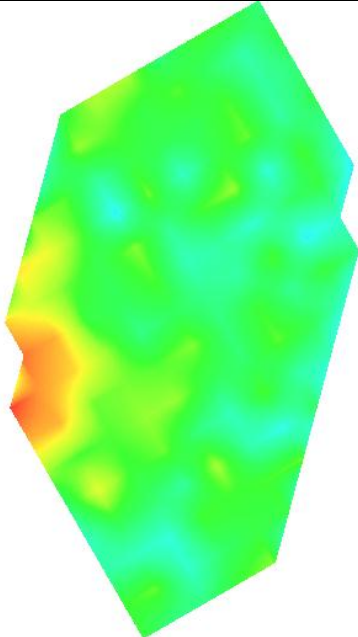
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.009
SAR 1g (W/Kg)	0.015

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	



## SAR Measurement at IEEE 802.11n band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Cheek – Device C, no holster

### A. Experimental conditions

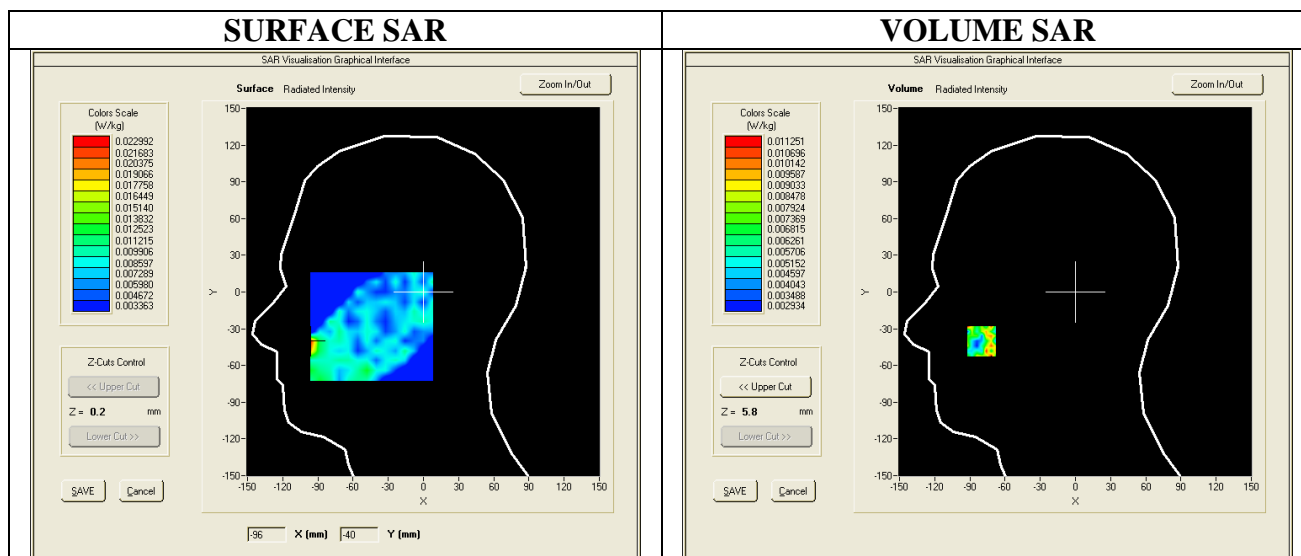
Area Scan	dx=8mm dy=8mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	SAM Phantom SN 13/09 SAM68
Probe	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V/m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
Device Position	Right Cheek
Band	IEEE 802.11n
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

Frequency (MHz)	5500.00
Relative permittivity (real part)	36.98
Relative permittivity (imaginary part)	16.43
Conductivity (S/m)	5.02
Variation (%)	-2.26

### C. SAR Surface And Volume



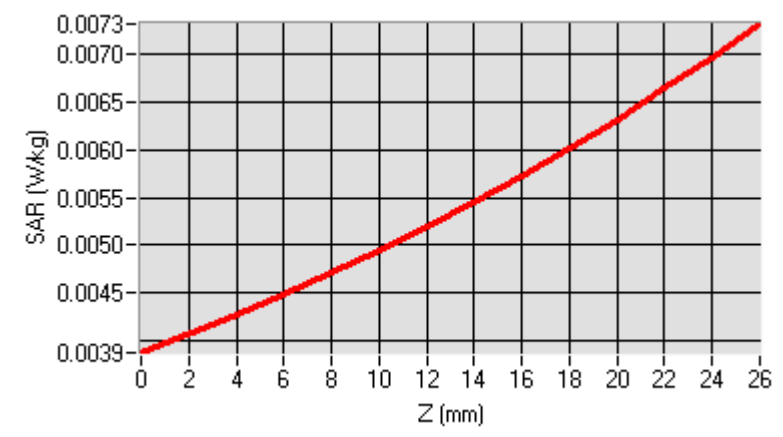
Maximum location: X=-80.00, Y=-40.00

SAR Peak: 0.01 W/kg

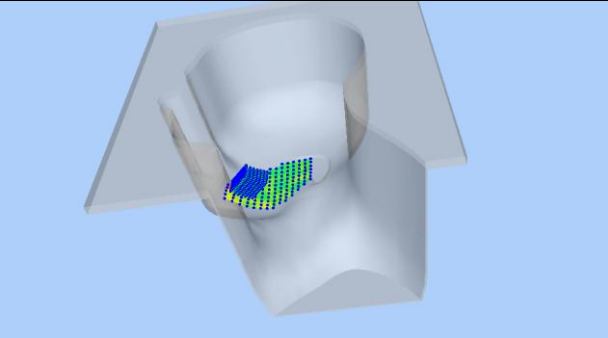
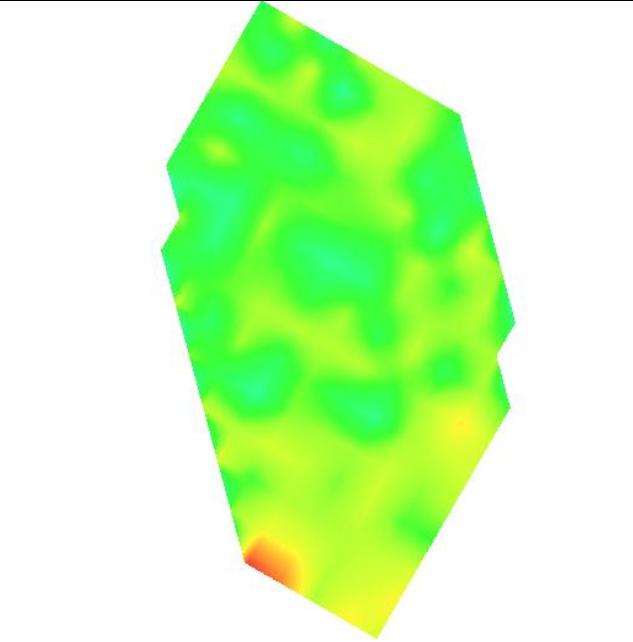
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.007
SAR 1g (W/Kg)	0.009

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11n band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Tilt – Device C, no holster

### A. Experimental conditions

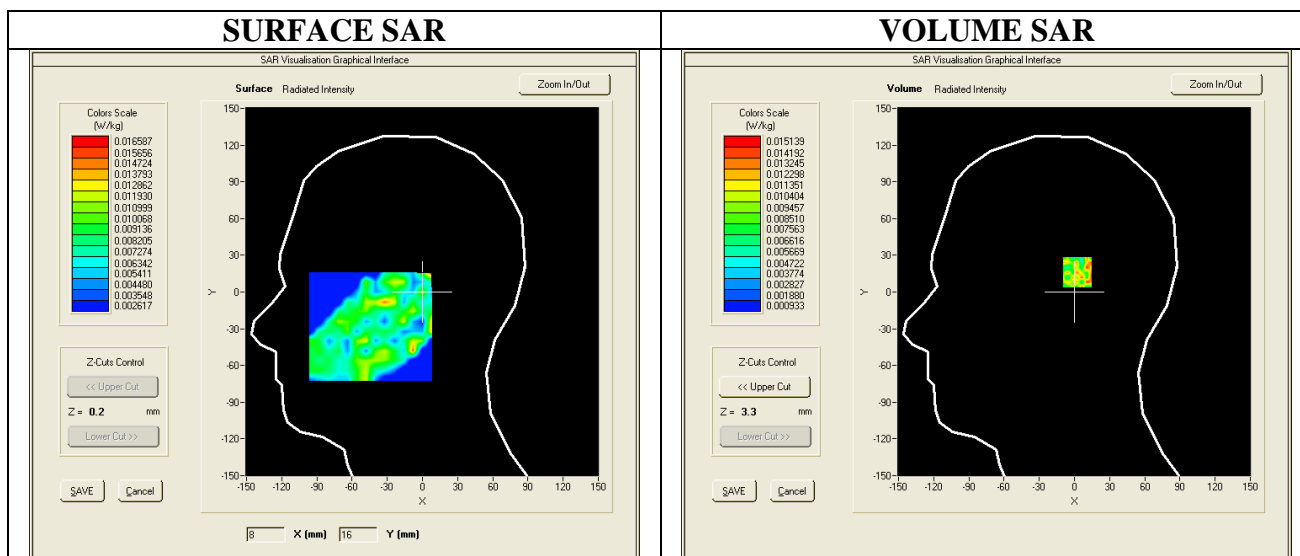
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V/m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Right Tilt
<b>Band</b>	IEEE 802.11n
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

<b>Frequency (MHz)</b>	5500.00
<b>Relative permittivity (real part)</b>	36.98
<b>Relative permittivity (imaginary part)</b>	16.43
<b>Conductivity (S/m)</b>	5.02
<b>Variation (%)</b>	-4.71

### C. SAR Surface And Volume



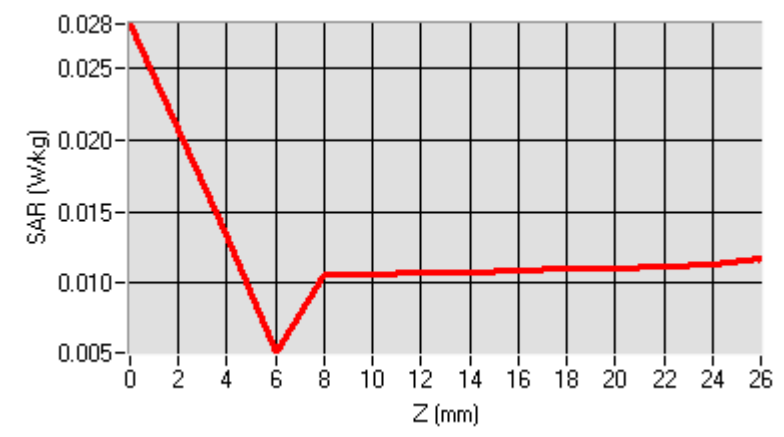
Maximum location: X=8.00, Y=16.00

SAR Peak: 0.03 W/kg

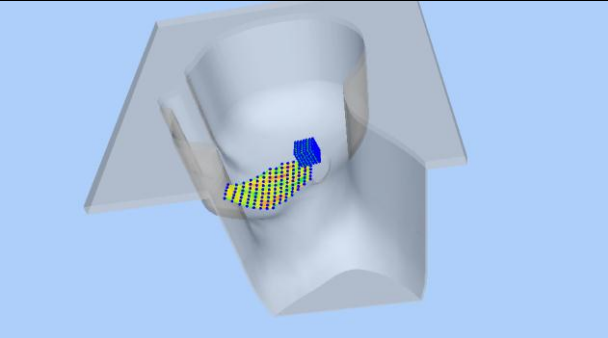
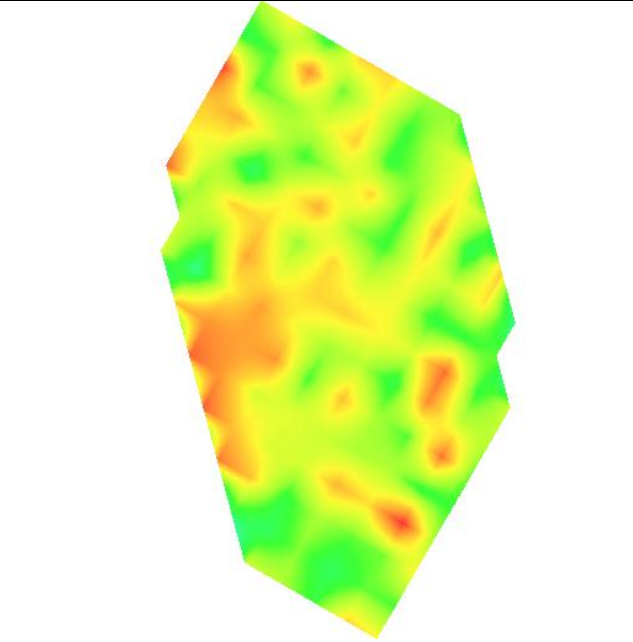
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.009
SAR 1g (W/Kg)	0.011

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11n band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Cheek – Device D, no holster

### A. Experimental conditions

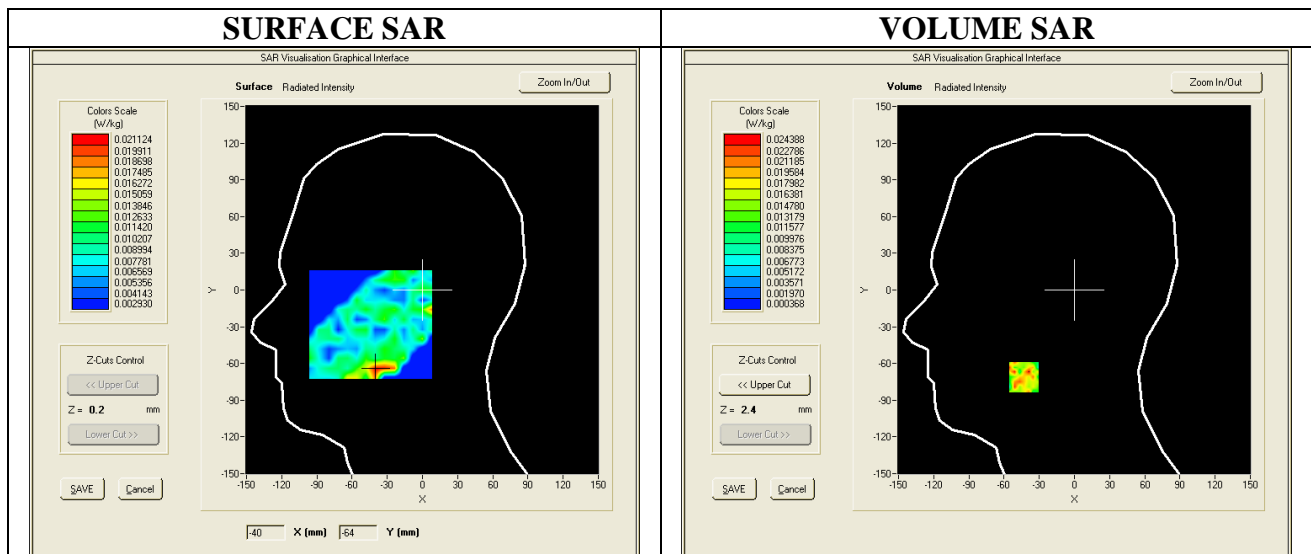
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V}/\text{m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Right Cheek
<b>Band</b>	IEEE 802.11n
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

<b>Frequency (MHz)</b>	5500.00
<b>Relative permittivity (real part)</b>	36.98
<b>Relative permittivity (imaginary part)</b>	16.43
<b>Conductivity (S/m)</b>	5.02
<b>Variation (%)</b>	-4.54

### C. SAR Surface And Volume



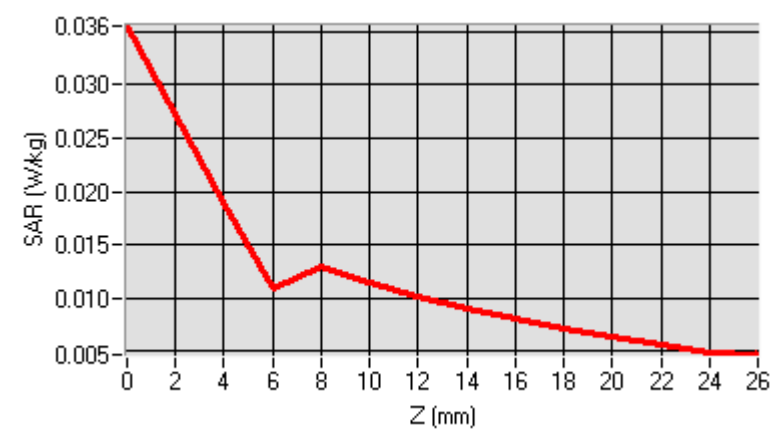
Maximum location: X=-32.00, Y=-71.00

SAR Peak: 0.06 W/kg

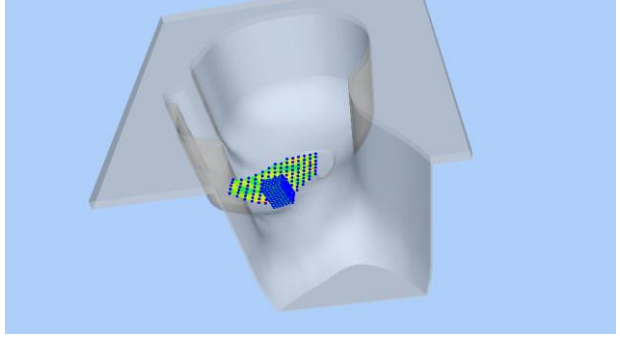
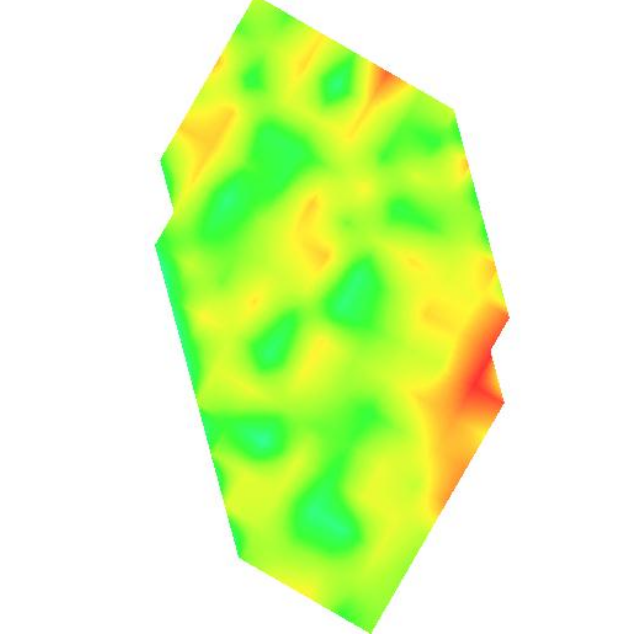
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.013
SAR 1g (W/Kg)	0.018

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
	

## SAR Measurement at IEEE 802.11n band (Head)

Type: Phone measurement

Date of measurement: 07/01/2014

Device position: Right Tilt – Device D, no holster

### A. Experimental conditions

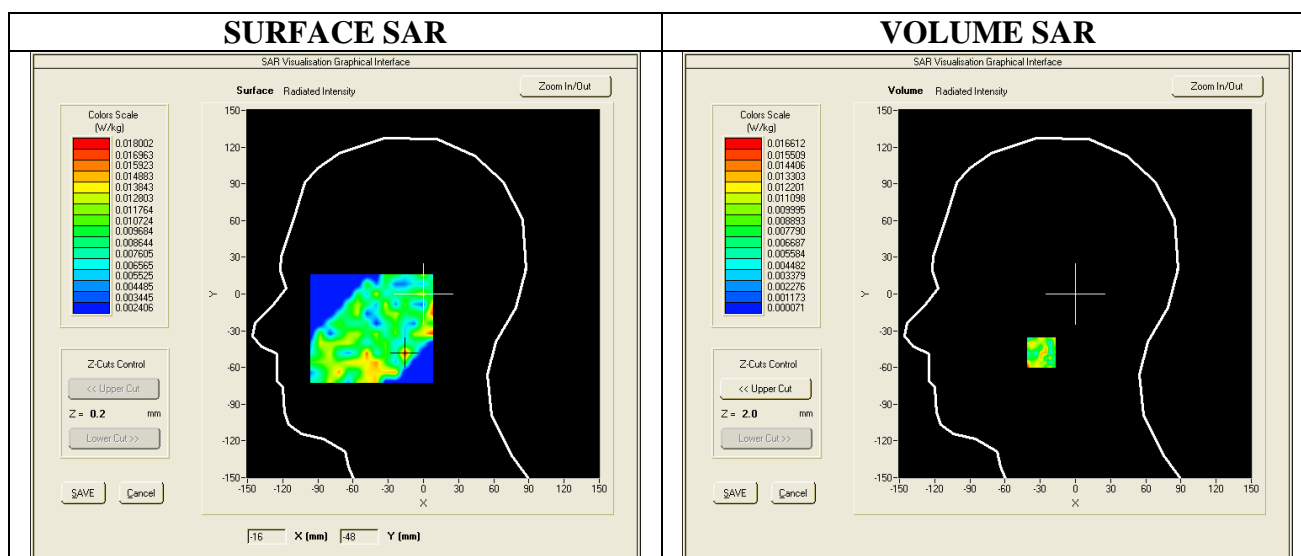
<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
<b>Phantom</b>	SAM Phantom SN 13/09 SAM68
<b>Probe</b>	SSE2 SN 18/11 EPG122 Sensitivity: 0.89, 0.98, 0.92 $\mu\text{V}/(\text{V/m})^2$ ConvF: 4.19 DCP: 120, 122, 117 mV
<b>Device Position</b>	Right Tilt
<b>Band</b>	IEEE 802.11n
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

### B. Liquid data & power drift

Middle Band SAR (Channel 100):

<b>Frequency (MHz)</b>	5500.00
<b>Relative permittivity (real part)</b>	36.98
<b>Relative permittivity (imaginary part)</b>	16.43
<b>Conductivity (S/m)</b>	5.02
<b>Variation (%)</b>	-0.10

### C. SAR Surface And Volume



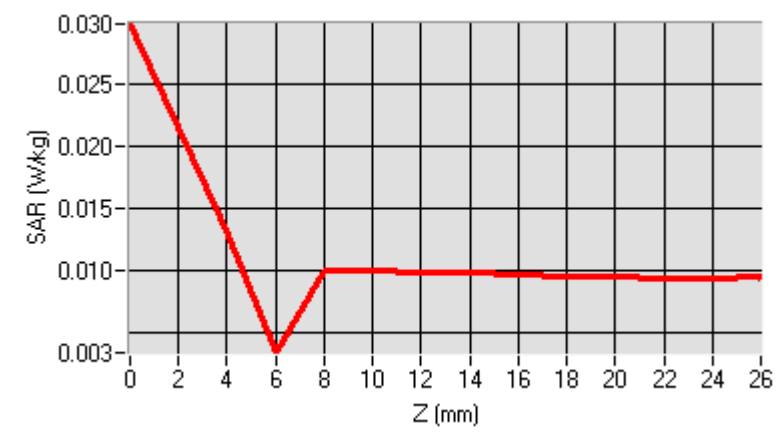
Maximum location: X=-16.00, Y=16.00

SAR Peak: 0.04 W/kg

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.009
SAR 1g (W/Kg)	0.011

**E. Z Axis Scan**



**F. 3D Image**

3D screen shot	Hot spot position
