

Appendix B. Highest SAR Measurement results

TYPE	BAND	PARAMETERS
Phone	GSM850	Measurement 1: Right Head with Cheek device position on Middle Channel in GSM mode
Phone	GSM1900	Measurement 5: Right Head with Cheek device position on Low Channel in GSM mode
Phone	GPRS850_4TX	Measurement 9: Right Head with Cheek device position on Low Channel in GPRS mode
Phone	GPRS1900_2TX	Measurement 13: Right Head with Cheek device position on Low Channel in GPRS mode
Phone	WCDMA1900_RMC	Measurement 19: Left Head with Cheek device position on High Channel in WCDMA mode
Phone	WCDMA850_RMC	Measurement 21: Right Head with Cheek device position on Middle Channel in WCDMA mode
Phone	LTE Band 4_RMC	Measurement 25: Right Head with Cheek device position on High Channel in LTE QPSK 20MHz 1RB mode
Phone	LTE Band 7_RMC	Measurement 33: Right Head with Cheek device position on Low Channel in LTE QPSK 20MHz 1RB mode
Phone	WiFi_802.11b	Measurement 42: Left Head with Tilted device position on Low Channel in 802.11b mode
Phone	GSM850	Measurement 45: Flat Plane with Back(Body-worn) device position on Middle Channel in GSM mode
Phone	GSM1900	Measurement 47: Flat Plane with Back(Body-worn) device position on Low Channel in GSM mode
Phone	GPRS850_4TX	Measurement 49: Flat Plane with Back device position on Low Channel in GPRS mode
Phone	GPRS1900_2TX	Measurement 55: Flat Plane with Bottom device position on Low Channel in GPRS mode
Phone	WCDMA1900_RMC	Measurement 59: Flat Plane with Bottom side device position on High Channel in WCDMA mode
Phone	WCDMA850_RMC	Measurement 61: Flat Plane with Back device position on Middle Channel in WCDMA mode
Phone	LTE Band 4_RMC	Measurement 67: Flat Plane with Bottom device position on High Channel in LTE QPSK 20MHz 1RB mode
Phone	LTE Band 7_RMC	Measurement 73: Flat Plane with Back device position on Low Channel in LTE QPSK 20MHz 1RB mode
Phone	WiFi_802.11b	Measurement 81: Flat Plane with Back side device position on Low Channel in 802.11b mode

Remark: SAR plot is showed the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.

MEASUREMENT 1

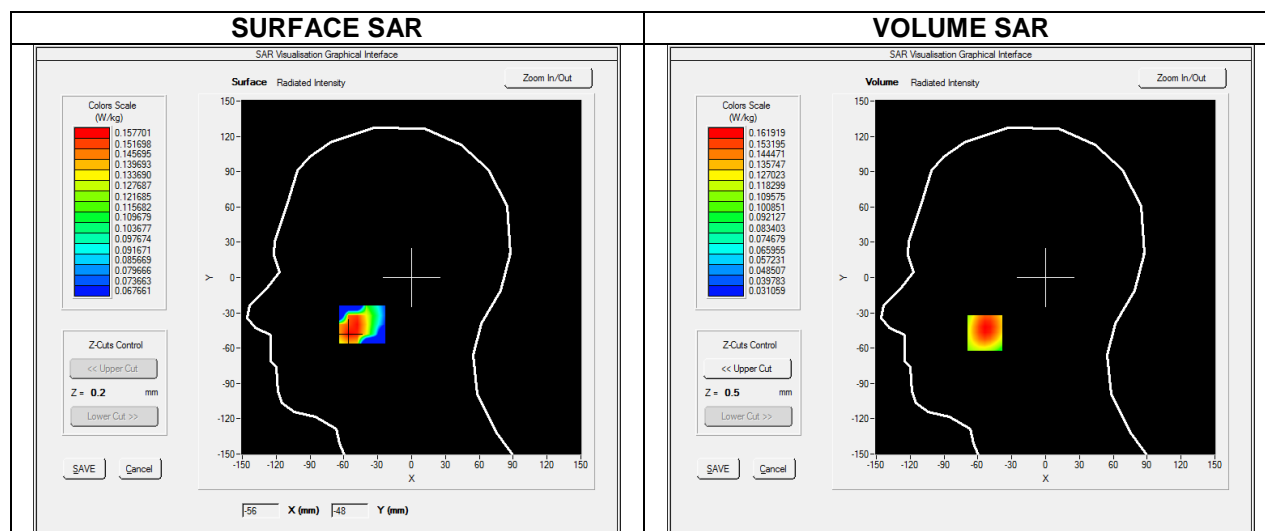
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 11 minutes 48 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.93; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

Frequency (MHz)	836.600000
Relative Permittivity (real part)	41.110245
Conductivity (S/m)	0.871245
Power Variation (%)	1.144536
Ambient Temperature	21.1
Liquid Temperature	21.3

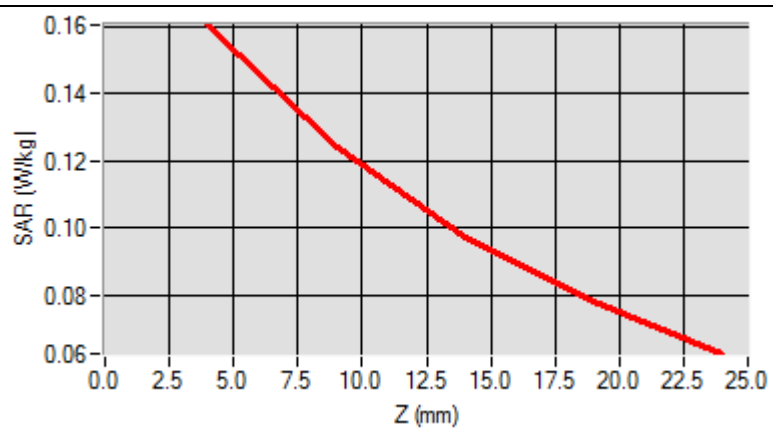


Maximum location: X=-54.00, Y=-47.00

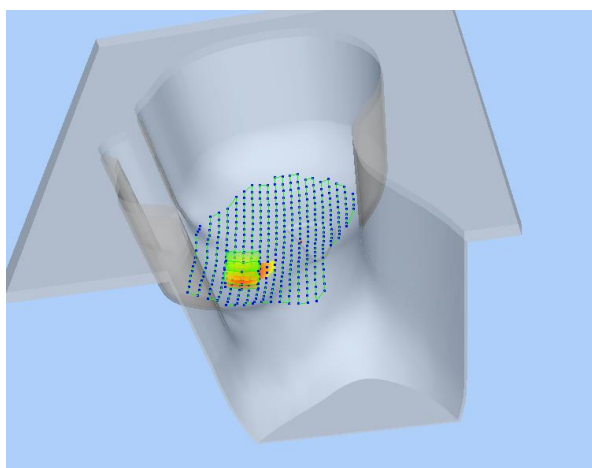
SAR 10g (W/Kg)	0.114119
SAR 1g (W/Kg)	0.155310

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.1604	0.1239	0.0973	0.0780

Produkte
Products



3D screen shot



Hot spot position



MEASUREMENT 5

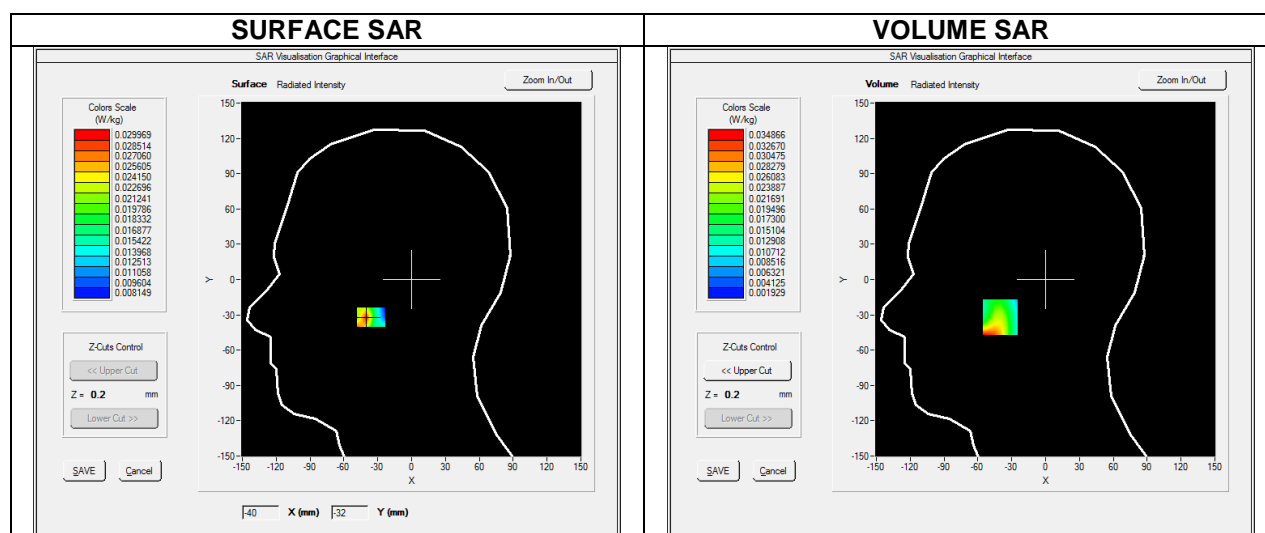
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 11 minutes 48 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.35; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Channels	Low
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

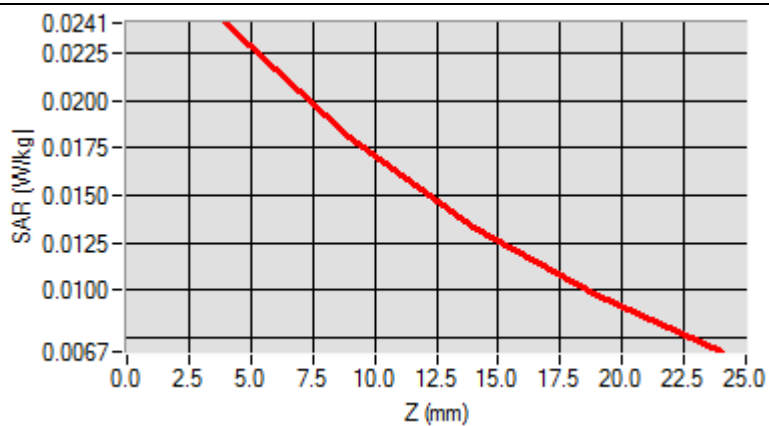
Frequency (MHz)	1850.200000
Relative Permittivity (real part)	38.560124
Conductivity (S/m)	1.380369
Power Variation (%)	1.442440
Ambient Temperature	21.1
Liquid Temperature	21.3



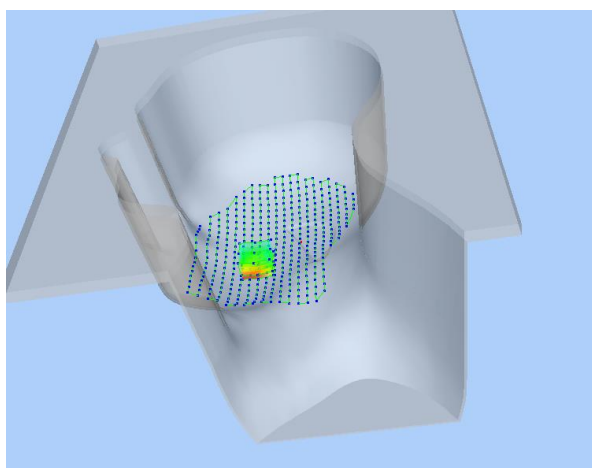
Maximum location: X=-40.00, Y=-32.00

SAR 10g (W/Kg)	0.016815
SAR 1g (W/Kg)	0.026693

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.0241	0.0181	0.0133	0.0097



3D screen shot



Hot spot position



MEASUREMENT 9

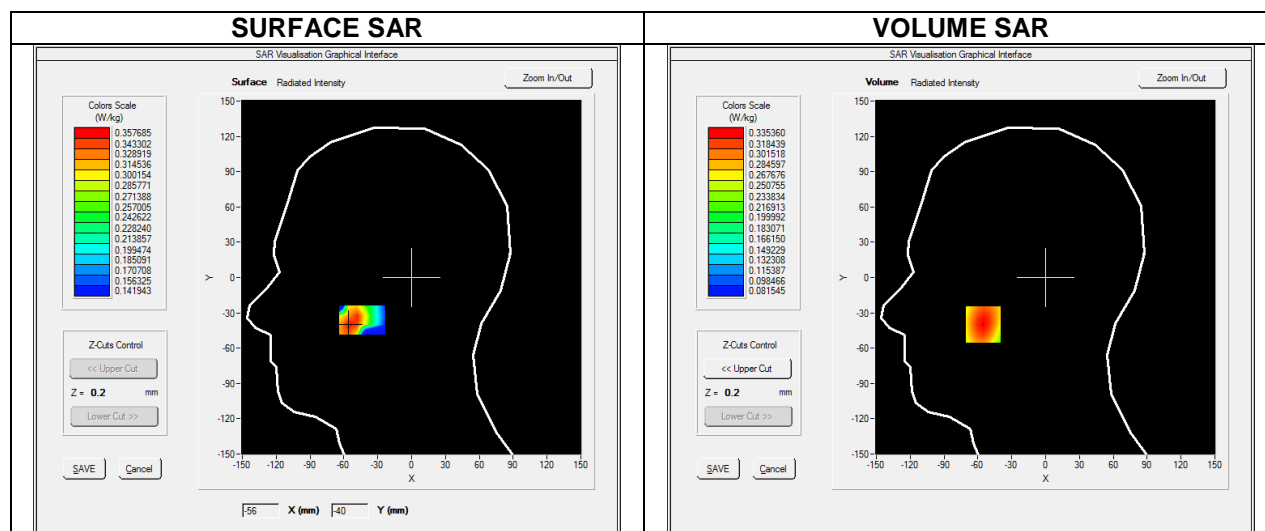
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 11 minutes 48 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.93; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	GPRS850_4TX
Channels	Low
Signal	Duty Cycle: 1:2

B. SAR Measurement Results

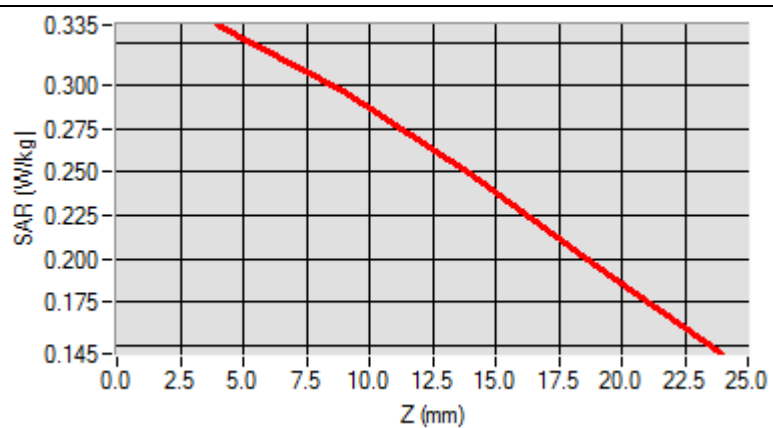
Frequency (MHz)	824.200000
Relative Permittivity (real part)	41.110245
Conductivity (S/m)	0.871245
Power Variation (%)	1.903833
Ambient Temperature	21.1
Liquid Temperature	21.3



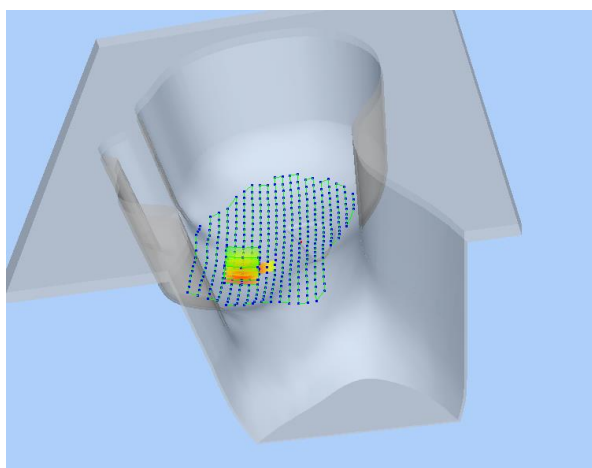
Maximum location: X=-55.00, Y=-40.00

SAR 10g (W/Kg)	0.256105
SAR 1g (W/Kg)	0.324249

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.3354	0.2975	0.2494	0.1959



3D screen shot



Hot spot position



MEASUREMENT 13

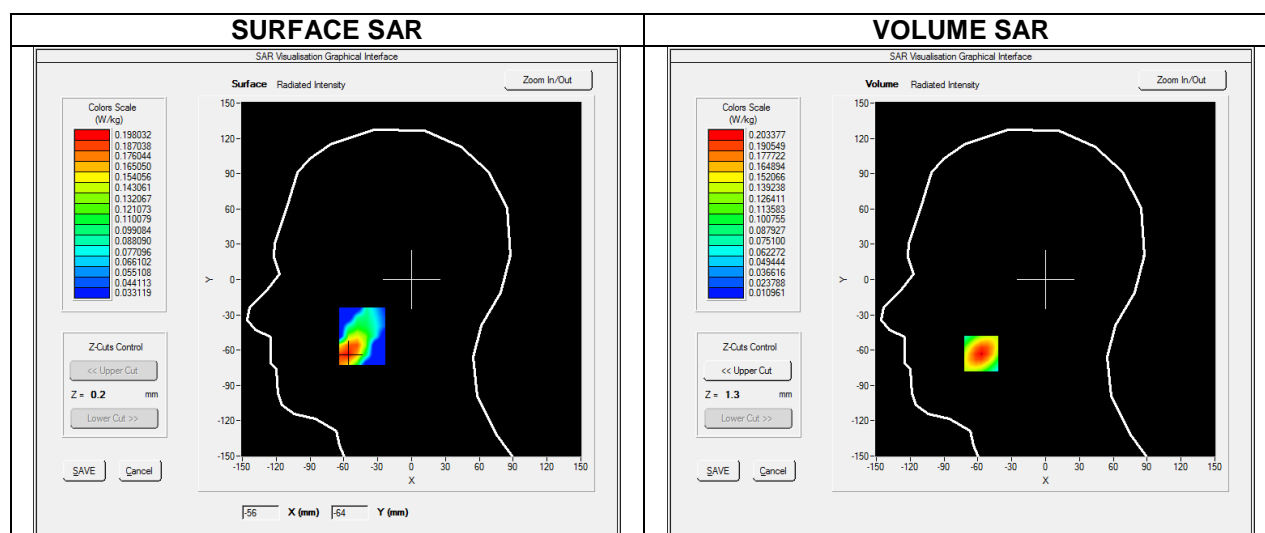
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.35; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	GPRS1900_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

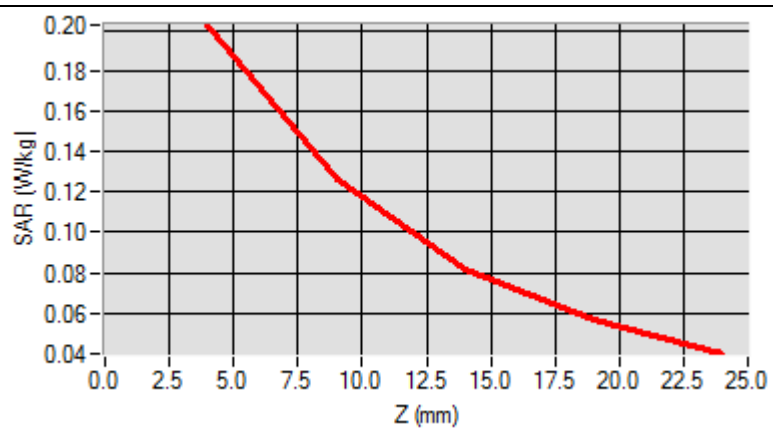
Frequency (MHz)	1850.200000
Relative Permittivity (real part)	38.560124
Conductivity (S/m)	1.380369
Power Variation (%)	1.536272
Ambient Temperature	21.1
Liquid Temperature	21.3



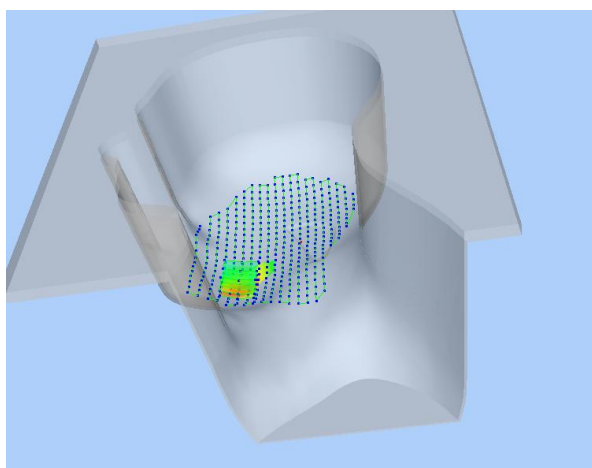
Maximum location: X=-57.00, Y=-63.00

SAR 10g (W/Kg)	0.112775
SAR 1g (W/Kg)	0.188994

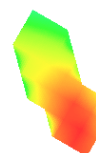
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2034	0.1267	0.0817	0.0562



3D screen shot



Hot spot position



MEASUREMENT 19

Type: Phone measurement (Complete)

Date of measurement: 11/21/2016

Measurement duration: 12 minutes 3 seconds

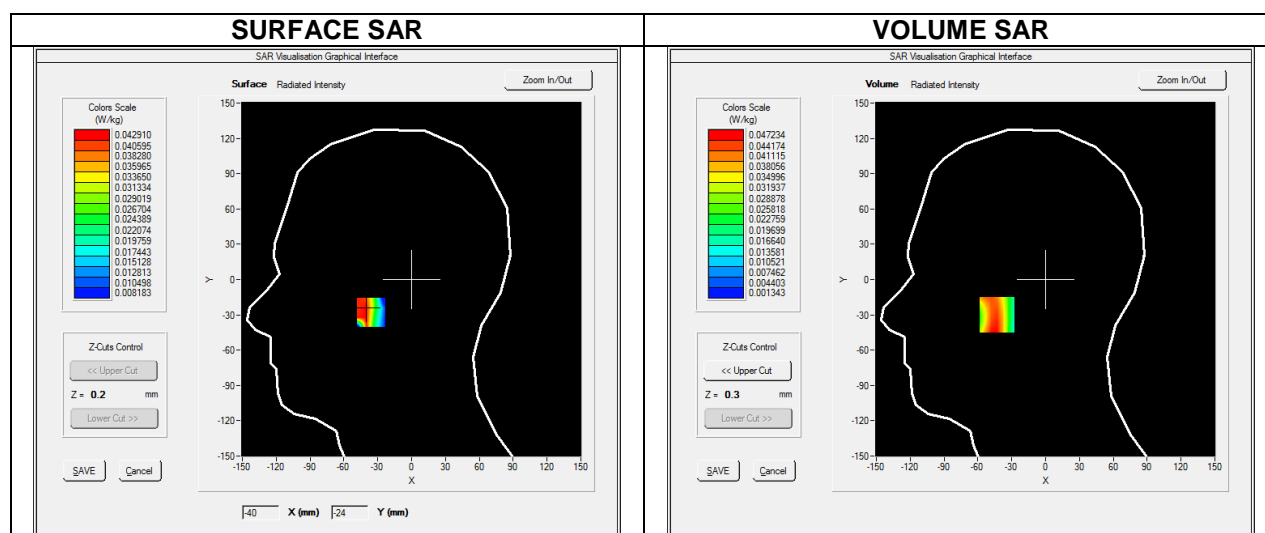
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.35; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Cheek
Band	WCDMA1900_RMC
Channels	High
Signal	Duty Cycle 1:1

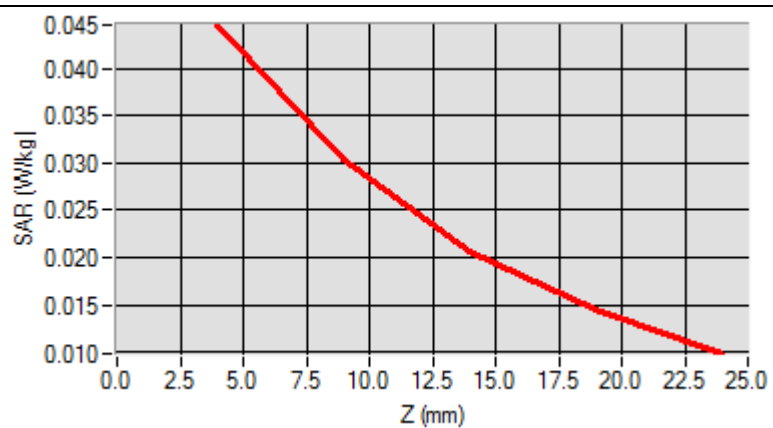
B. SAR Measurement Results

Frequency (MHz)	1907.600000
Relative Permittivity (real part)	38.560124
Conductivity (S/m)	1.380369
Power Variation (%)	1.524540
Ambient Temperature	21.1
Liquid Temperature	21.3

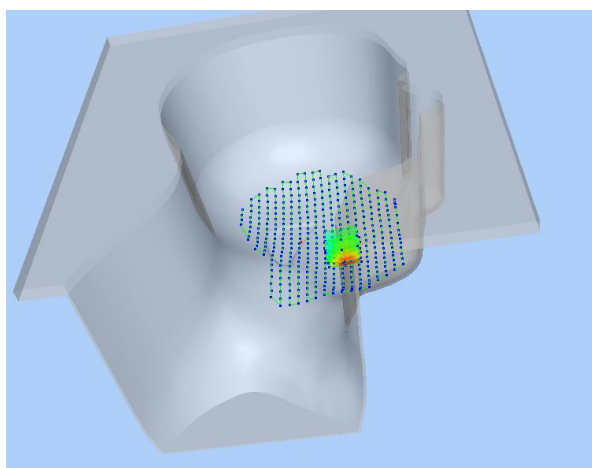
**Maximum location: X=-43.00, Y=-30.00**

SAR 10g (W/Kg)	0.026977
SAR 1g (W/Kg)	0.043919

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.0447	0.0303	0.0207	0.0144



3D screen shot



Hot spot position



MEASUREMENT 21

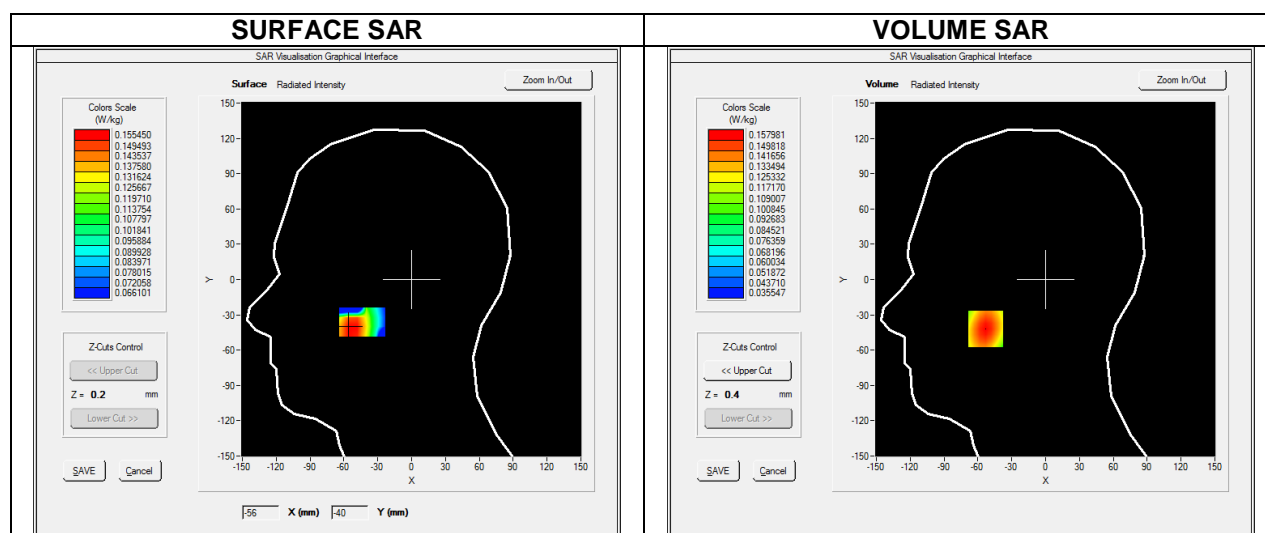
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.93; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	WCDMA850_RMC
Channels	Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	836.600000
Relative Permittivity (real part)	41.110245
Conductivity (S/m)	0.871245
Power Variation (%)	1.342427
Ambient Temperature	21.1
Liquid Temperature	21.3

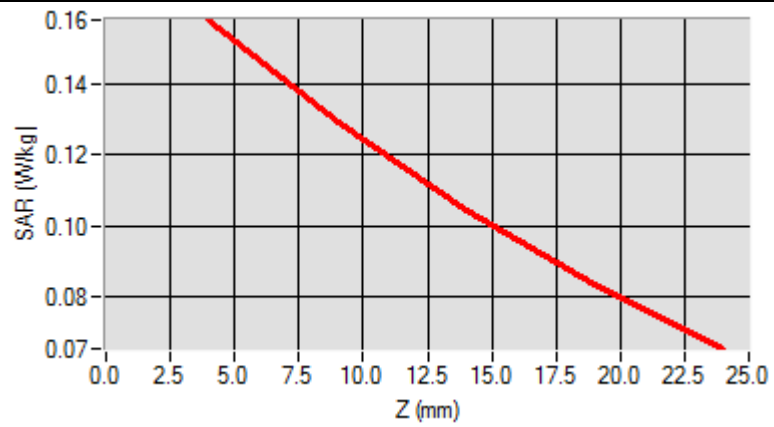


Maximum location: X=-53.00, Y=-42.00

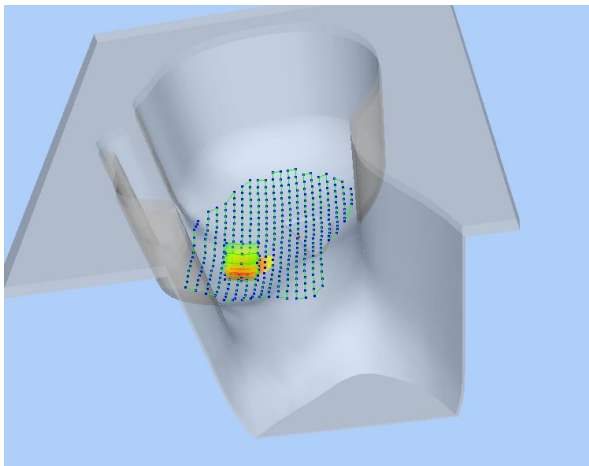
SAR 10g (W/Kg)	0.115110
SAR 1g (W/Kg)	0.151370

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.1580	0.1292	0.1046	0.0836

Produkte
Products



3D screen shot



Hot spot position



MEASUREMENT 25

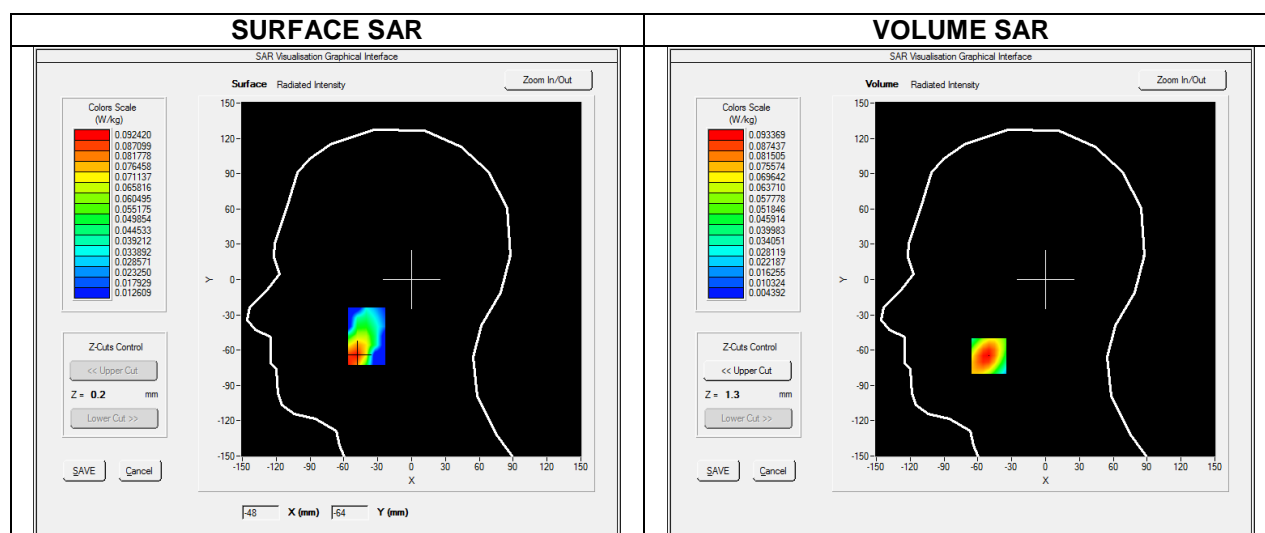
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.84; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	LTE Band 4_RMC
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

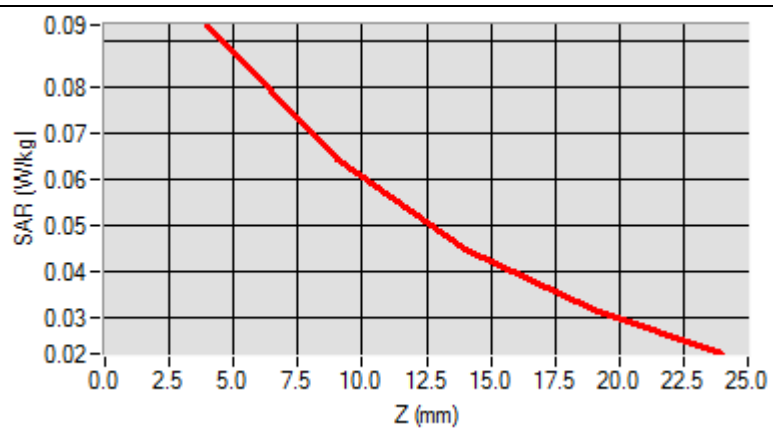
Frequency (MHz)	1745.000000
Relative Permittivity (real part)	40.624860
Conductivity (S/m)	1.351250
Power Variation (%)	1.703673
Ambient Temperature	21.1
Liquid Temperature	21.3



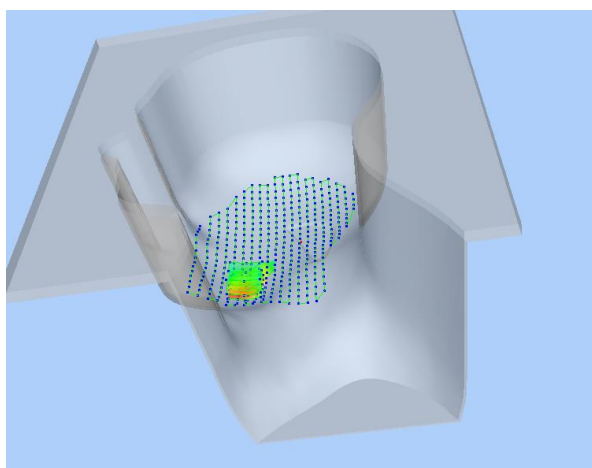
Maximum location: X=-50.00, Y=-65.00

SAR 10g (W/Kg)	0.055126
SAR 1g (W/Kg)	0.087523

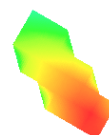
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.0934	0.0643	0.0448	0.0318



3D screen shot



Hot spot position



MEASUREMENT 33

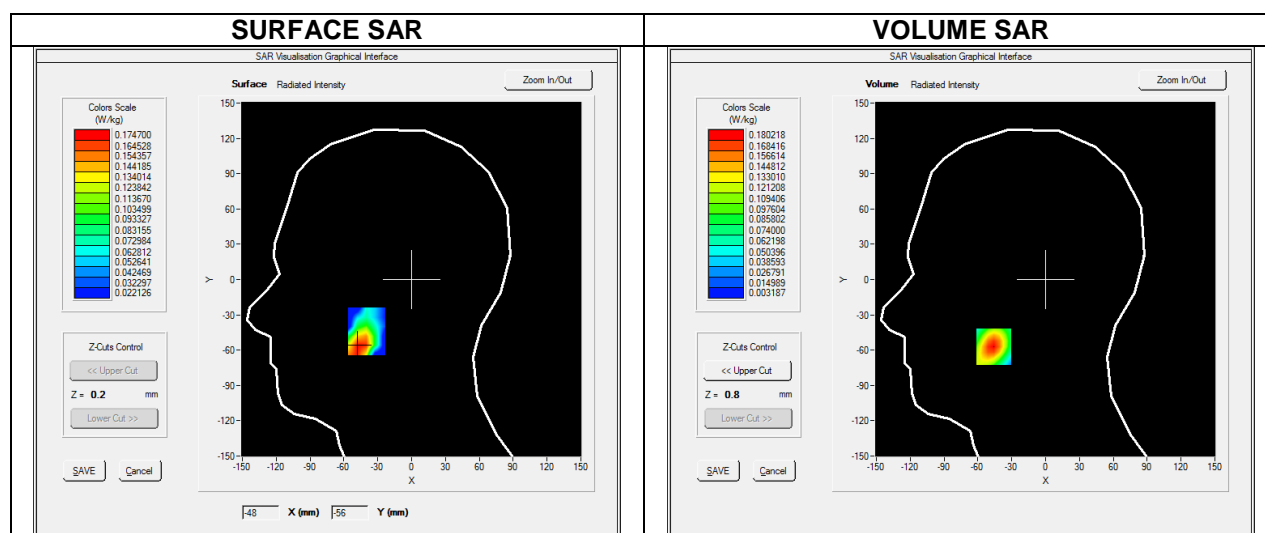
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.37; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	LTE Band 7_RMC
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

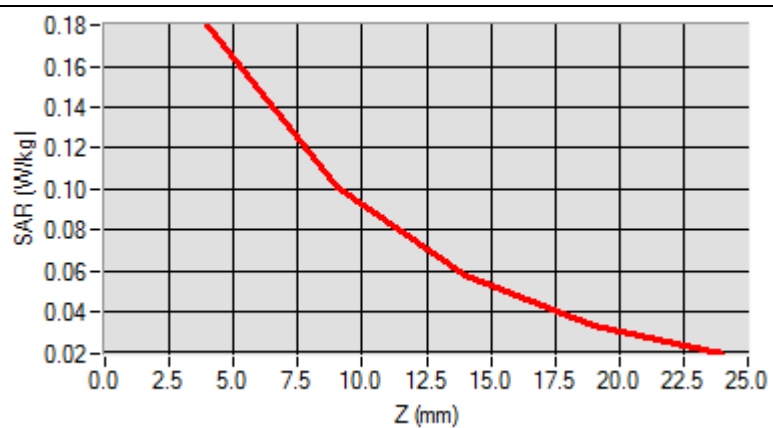
Frequency (MHz)	2510.000000
Relative Permittivity (real part)	38.631092
Conductivity (S/m)	1.930182
Power Variation (%)	0.924535
Ambient Temperature	21.1
Liquid Temperature	21.2



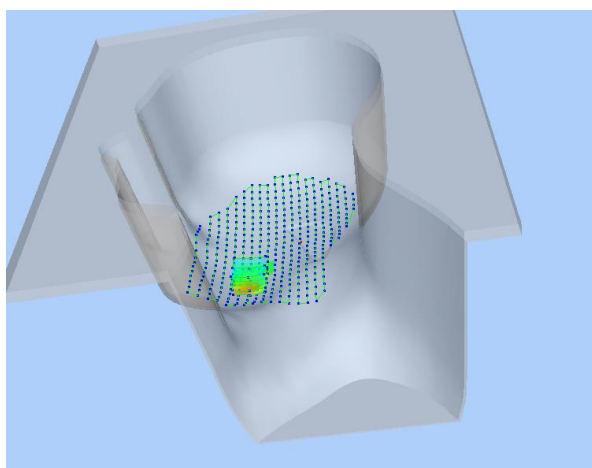
Maximum location: X=-46.00, Y=-57.00

SAR 10g (W/Kg)	0.088024
SAR 1g (W/Kg)	0.165284

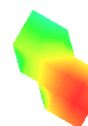
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.1802	0.1013	0.0572	0.0337



3D screen shot



Hot spot position



MEASUREMENT 42

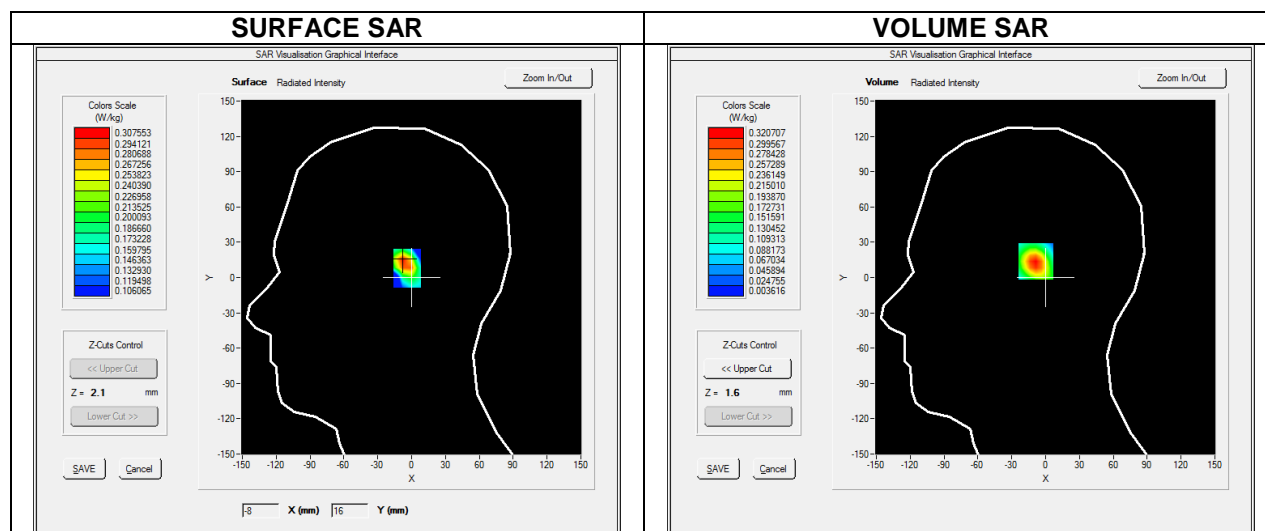
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.64; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Tilt
Band	WiFi_802.11b
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

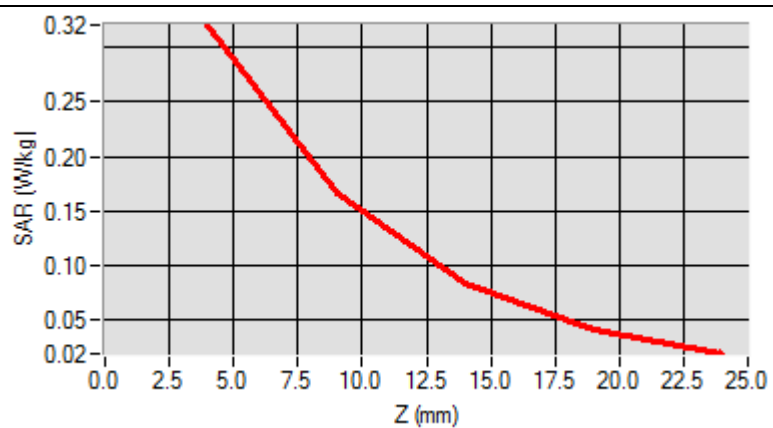
Frequency (MHz)	2412.000000
Relative Permittivity (real part)	38.153660
Conductivity (S/m)	1.740236
Power Variation (%)	3.234772
Ambient Temperature	21.1
Liquid Temperature	21.2



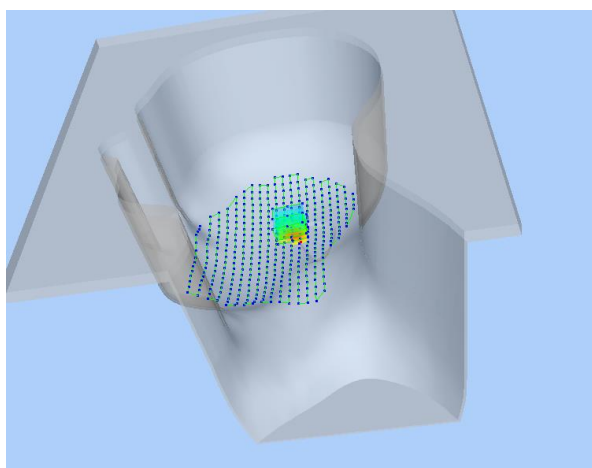
Maximum location: X=-7.00, Y=14.00

SAR 10g (W/Kg)	0.143202
SAR 1g (W/Kg)	0.289785

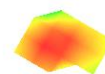
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.3207	0.1658	0.0831	0.0416



3D screen shot



Hot spot position



MEASUREMENT 45

Type: Phone measurement (Complete)

Date of measurement: 11/21/2016

Measurement duration: 12 minutes 3 seconds

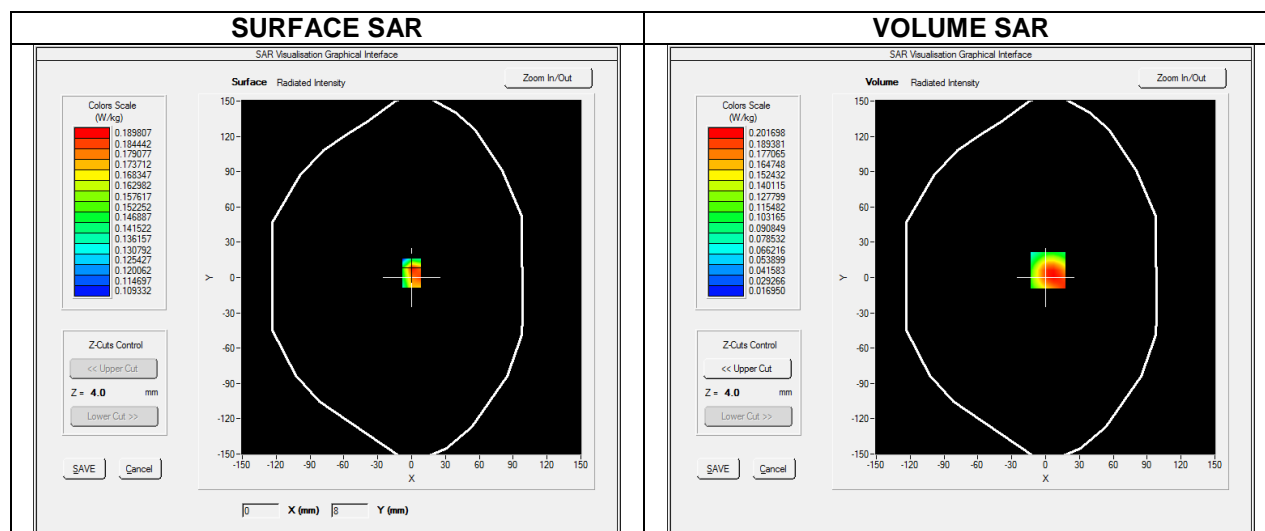
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 7.13; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat Plane
Device Position	Back(Body-worn)
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

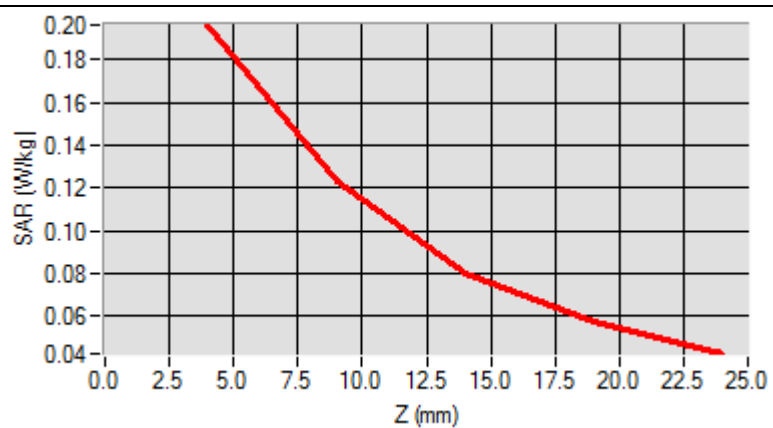
Frequency (MHz)	836.600000
Relative Permittivity (real part)	54.851214
Conductivity (S/m)	0.951454
Power Variation (%)	0.901472
Ambient Temperature	21.1
Liquid Temperature	21.3



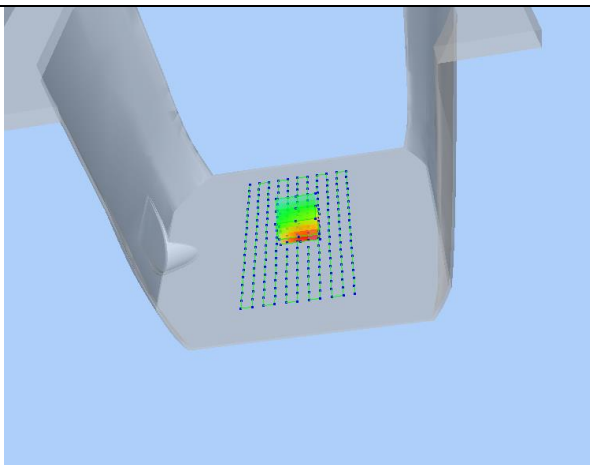
Maximum location: X=2.00, Y=6.00

SAR 10g (W/Kg)	0.134996
SAR 1g (W/Kg)	0.208172

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.1962	0.1227	0.0805	0.0574



3D screen shot



Hot spot position



MEASUREMENT 47

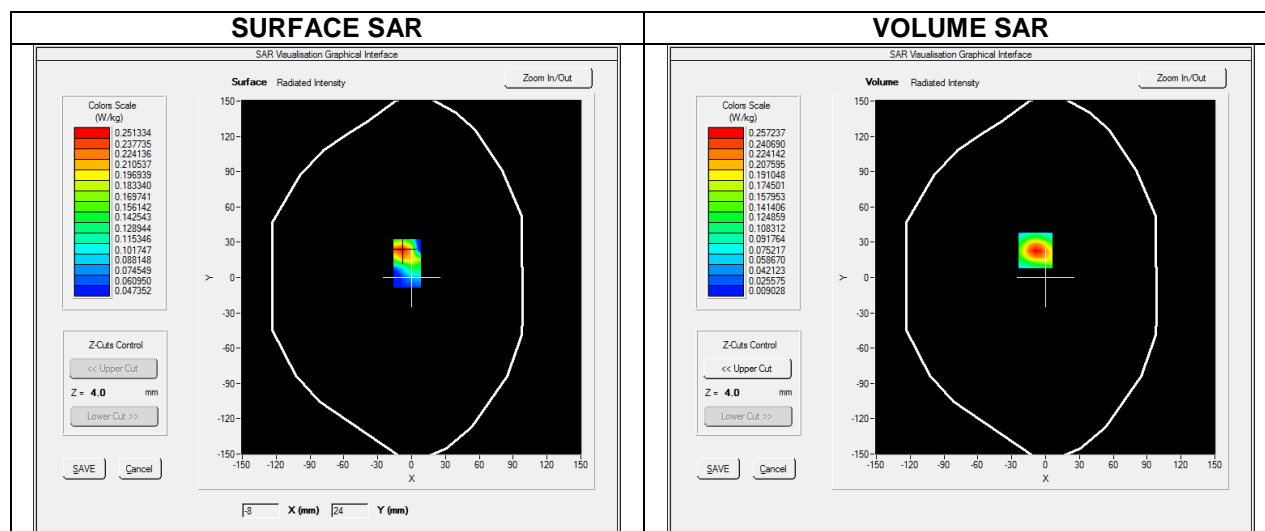
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat Plane
Device Position	Back(Body-worn)
Band	GSM1900
Channels	Low
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

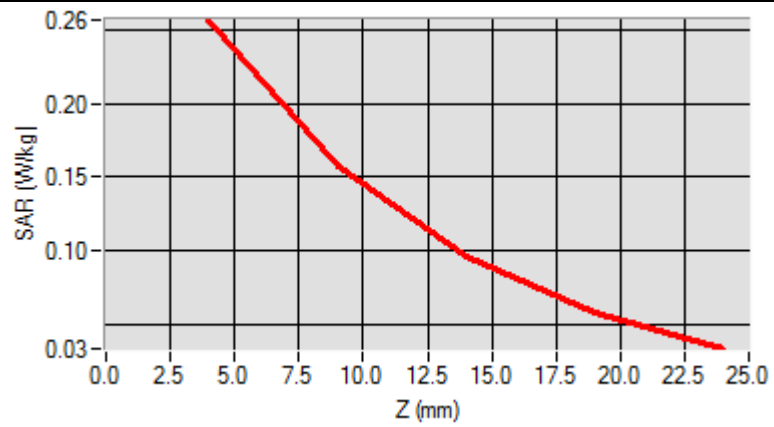
Frequency (MHz)	1850.200000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	1.474622
Ambient Temperature	21.1
Liquid Temperature	21.3



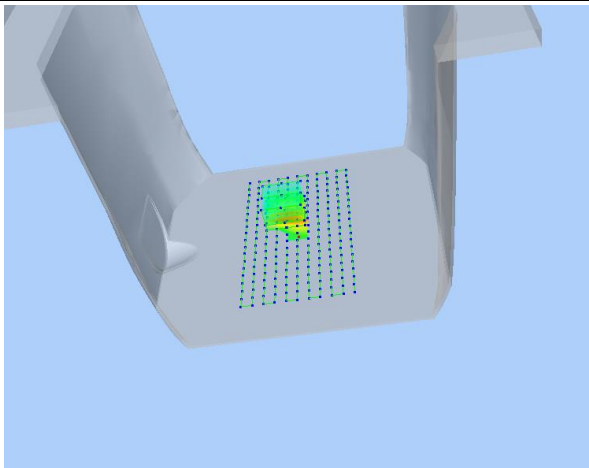
Maximum location: X=-9.00, Y=23.00

SAR 10g (W/Kg)	0.154628
SAR 1g (W/Kg)	0.283904

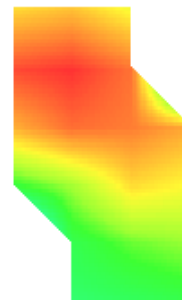
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.2572	0.1576	0.0957	0.0580



3D screen shot



Hot spot position



MEASUREMENT 49

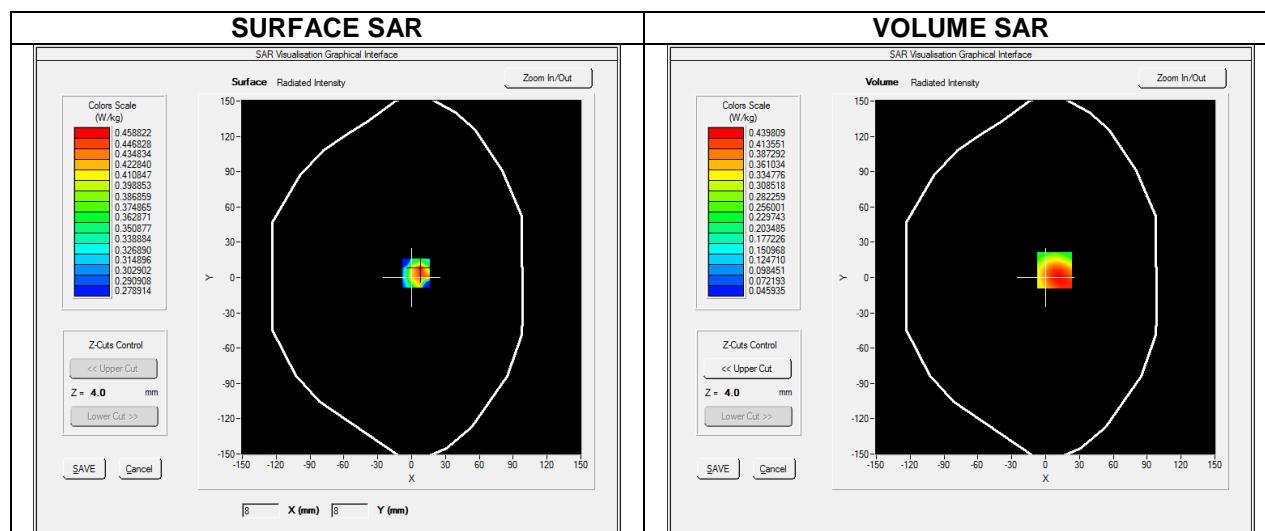
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 7.13; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat plane
Device Position	Back
Band	GPRS850_4TX
Channels	Low
Signal	Duty Cycle: 1:2

B. SAR Measurement Results

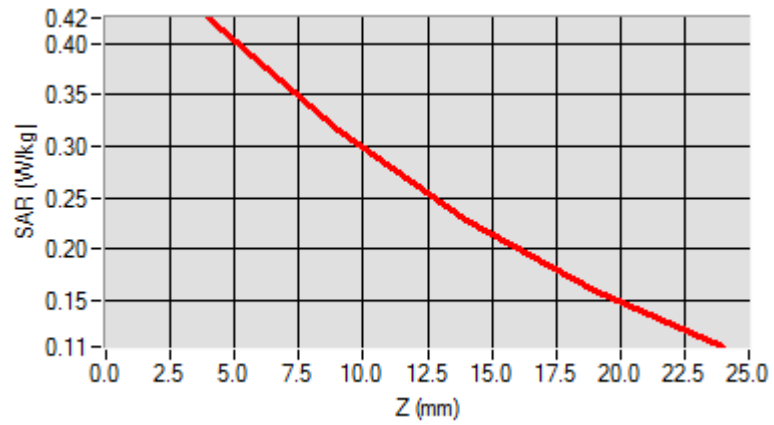
Frequency (MHz)	824.200000
Relative Permittivity (real part)	54.851214
Conductivity (S/m)	0.951454
Power Variation (%)	0.901472
Ambient Temperature	21.1
Liquid Temperature	21.3



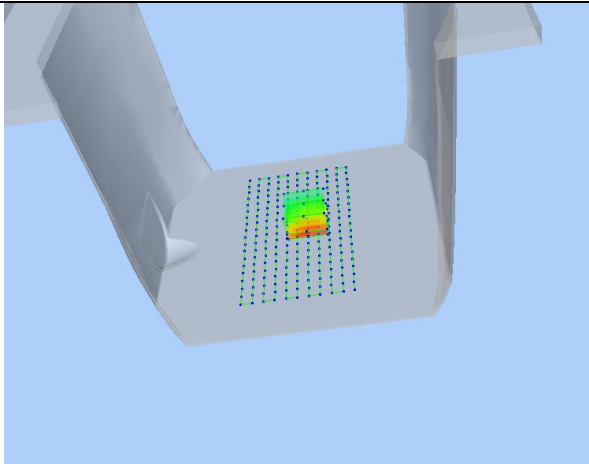
Maximum location: X=8.00, Y=6.00

SAR 10g (W/Kg)	0.289830
SAR 1g (W/Kg)	0.421036

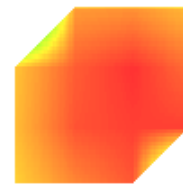
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.4247	0.3147	0.2277	0.1595



3D screen shot



Hot spot position



MEASUREMENT 55

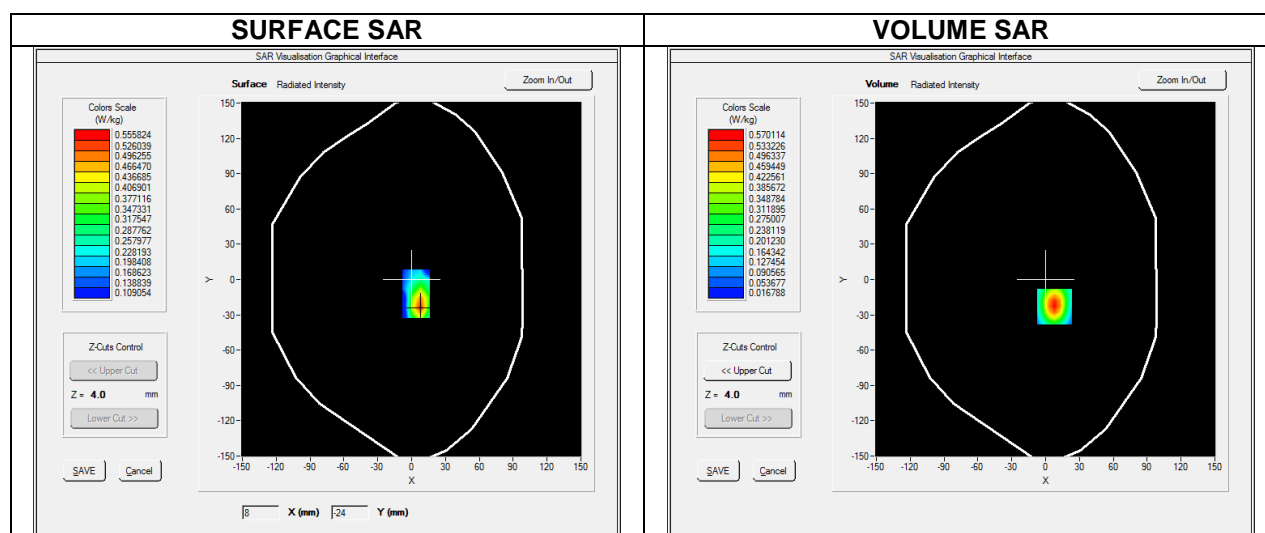
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat plane
Device Position	Bottom
Band	GPRS1900_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

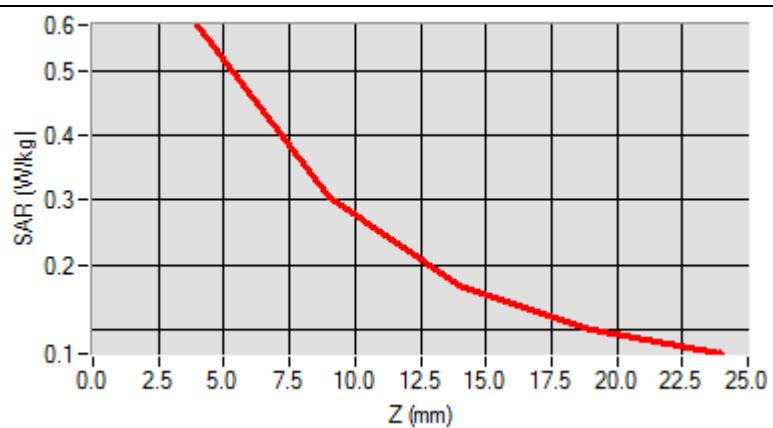
Frequency (MHz)	1850.200000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	2.483762
Ambient Temperature	21.1
Liquid Temperature	21.3



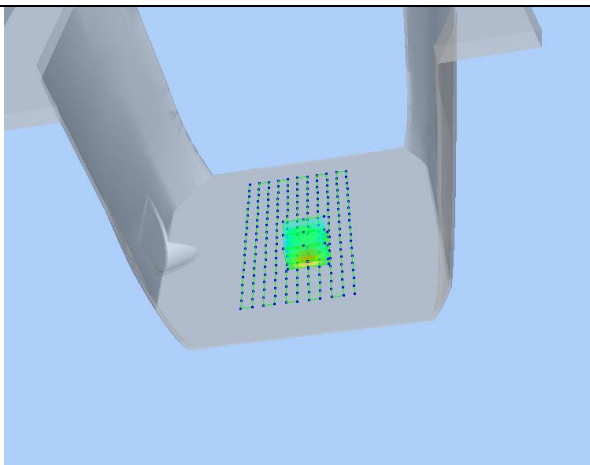
Maximum location: X=8.00, Y=-23.00

SAR 10g (W/Kg)	0.258464
SAR 1g (W/Kg)	0.511691

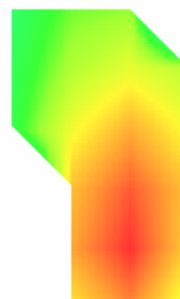
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.5701	0.3046	0.1670	0.1002



3D screen shot



Hot spot position



MEASUREMENT 59

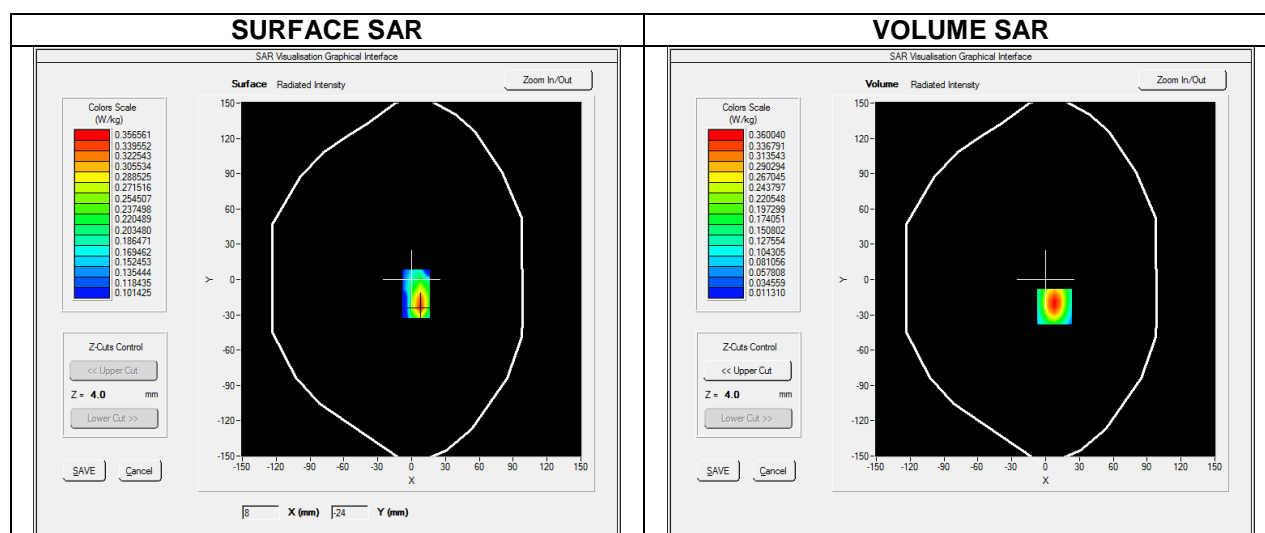
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat Plane
Device Position	Bottom
Band	WCDMA1900_RMC
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

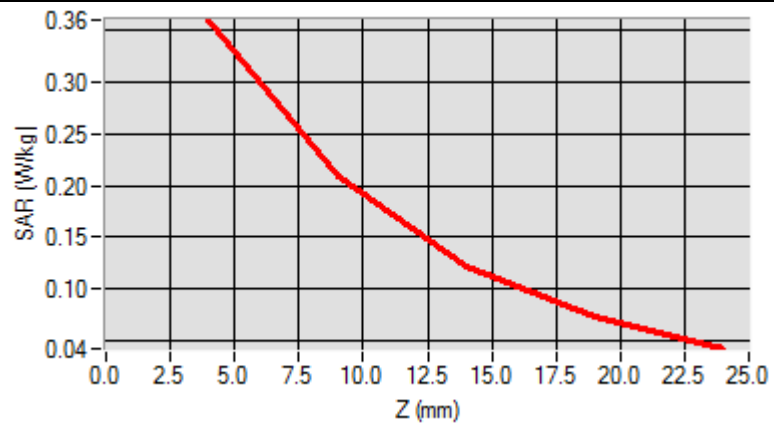
Frequency (MHz)	1907.600000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	1.847552
Ambient Temperature	21.1
Liquid Temperature	21.3



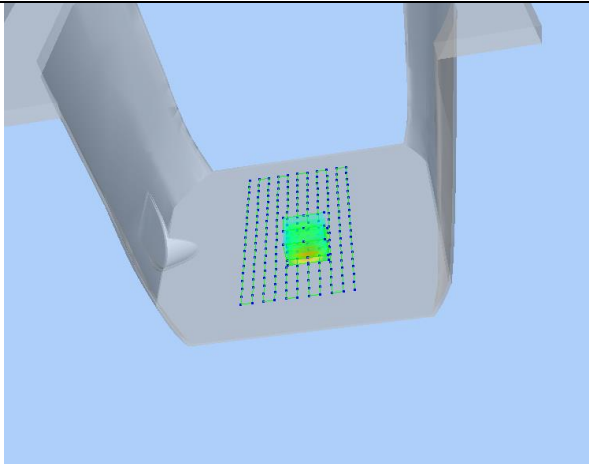
Maximum location: X=8.00, Y=-23.00

SAR 10g (W/Kg)	0.174180
SAR 1g (W/Kg)	0.329385

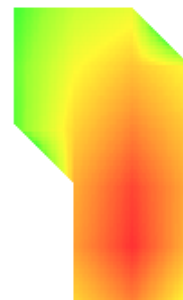
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.3600	0.2090	0.1216	0.0727



3D screen shot



Hot spot position



MEASUREMENT 61

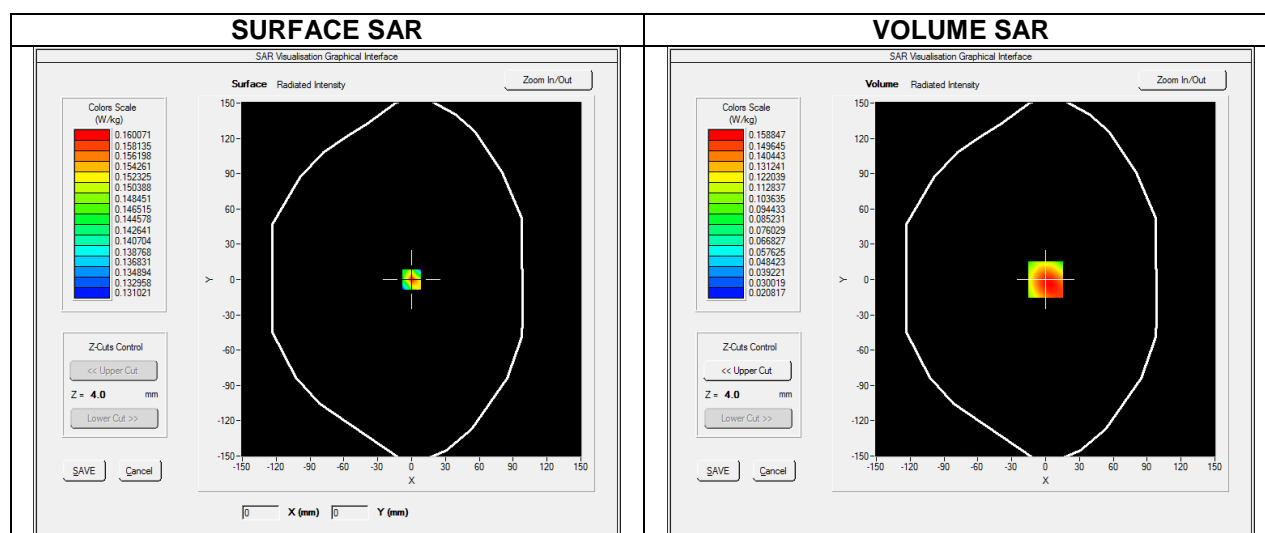
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 7.13; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat Plane
Device Position	Back
Band	WCDMA850_RMC
Channels	Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

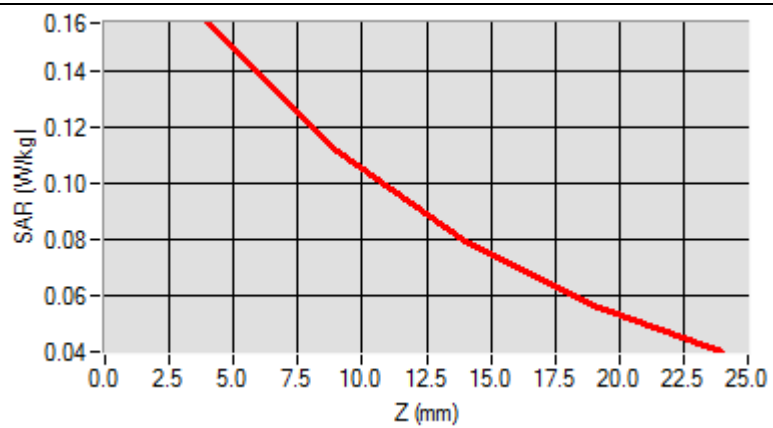
Frequency (MHz)	836.600000
Relative Permittivity (real part)	54.851214
Conductivity (S/m)	0.951454
Power Variation (%)	2.341234
Ambient Temperature	21.1
Liquid Temperature	21.3



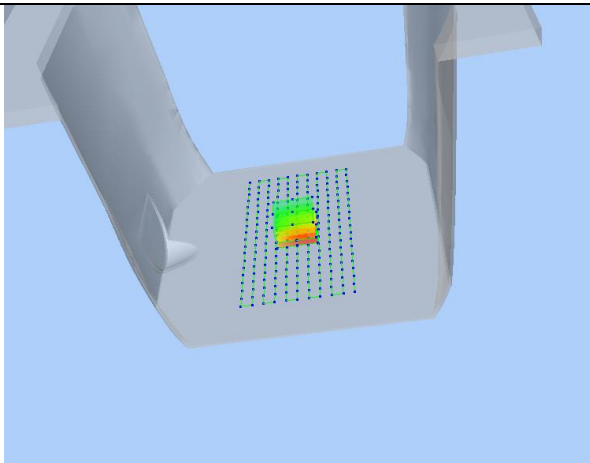
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	0.106126
SAR 1g (W/Kg)	0.152403

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.1574	0.1112	0.0790	0.0566



3D screen shot



Hot spot position



MEASUREMENT 67

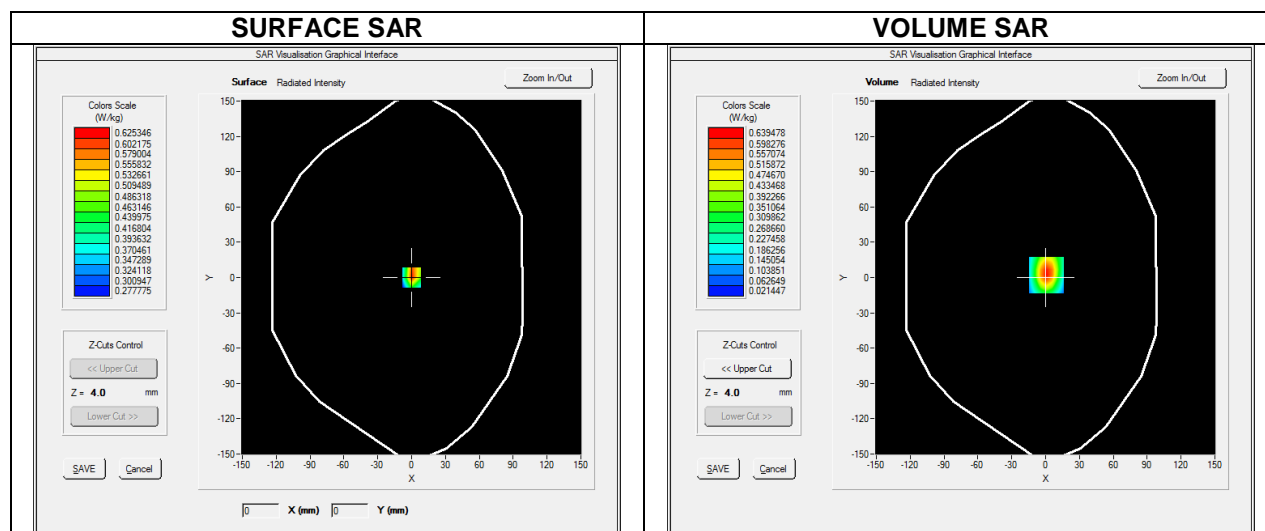
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.06; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat Plane
Device Position	Bottom
Band	LTE Band 4_RMC
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1745.000000
Relative Permittivity (real part)	51.924510
Conductivity (S/m)	1.561261
Power Variation (%)	1.523573
Ambient Temperature	21.1
Liquid Temperature	21.3

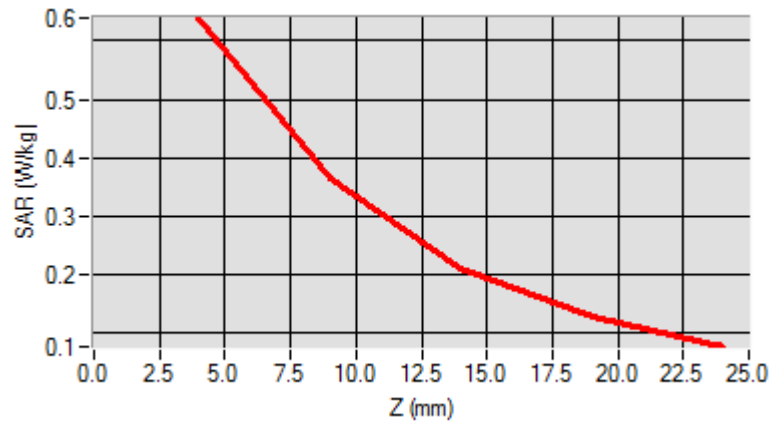


Maximum location: X=1.00, Y=2.00

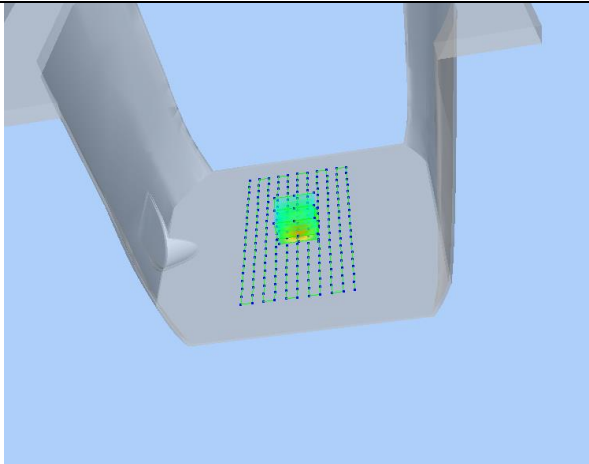
SAR 10g (W/Kg)	0.300506
SAR 1g (W/Kg)	0.579708

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.6395	0.3651	0.2104	0.1267

Produkte
Products



3D screen shot



Hot spot position



MEASUREMENT 73

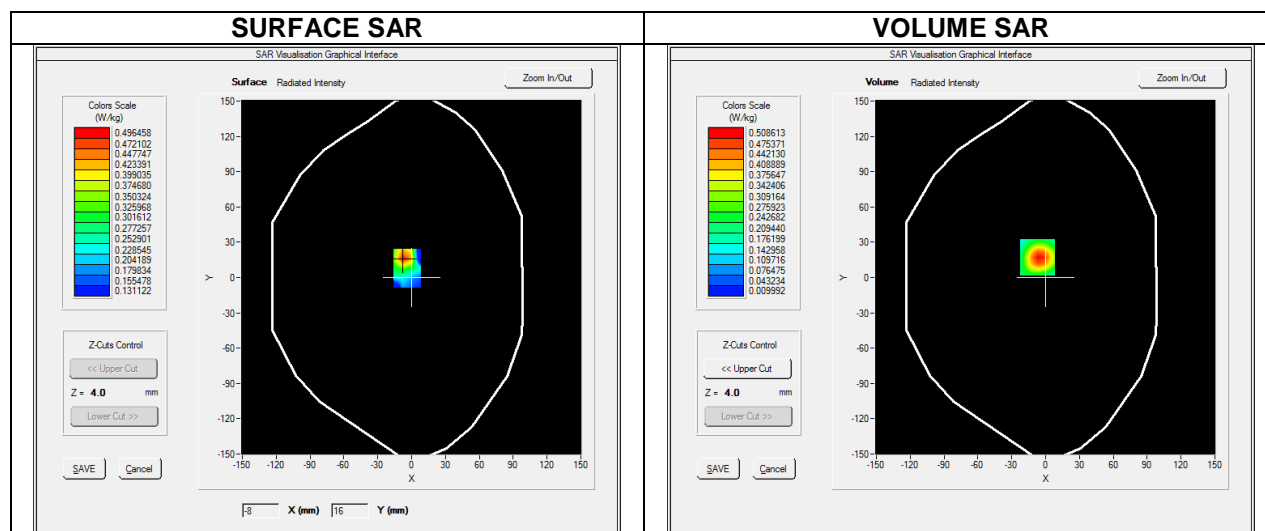
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.58; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 7_RMC
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2510.000000
Relative Permittivity (real part)	52.241202
Conductivity (S/m)	2.120943
Power Variation (%)	3.672346
Ambient Temperature	21.1
Liquid Temperature	21.2

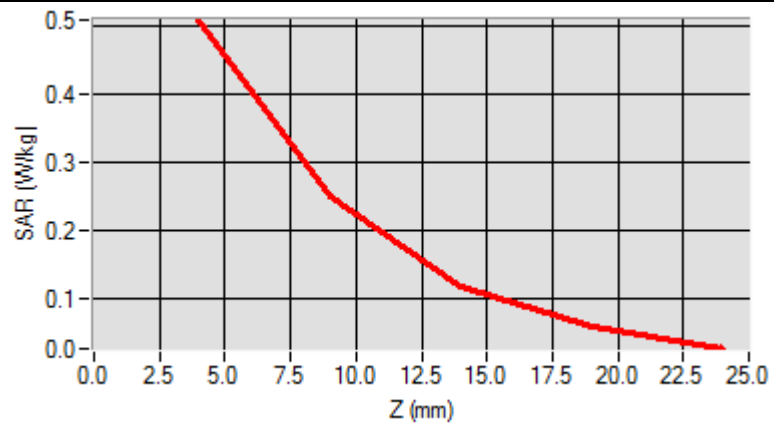


Maximum location: X=-7.00, Y=17.00

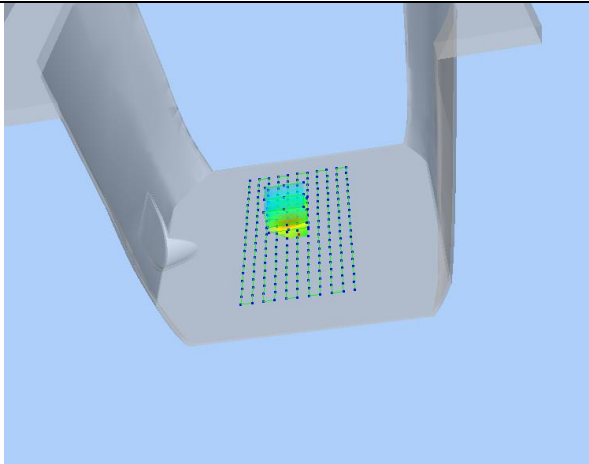
SAR 10g (W/Kg)	0.226709
SAR 1g (W/Kg)	0.466357

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.5086	0.2492	0.1186	0.0577

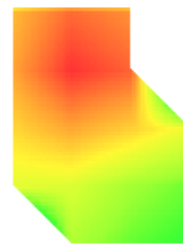
Produkte
Products



3D screen shot



Hot spot position



MEASUREMENT 81

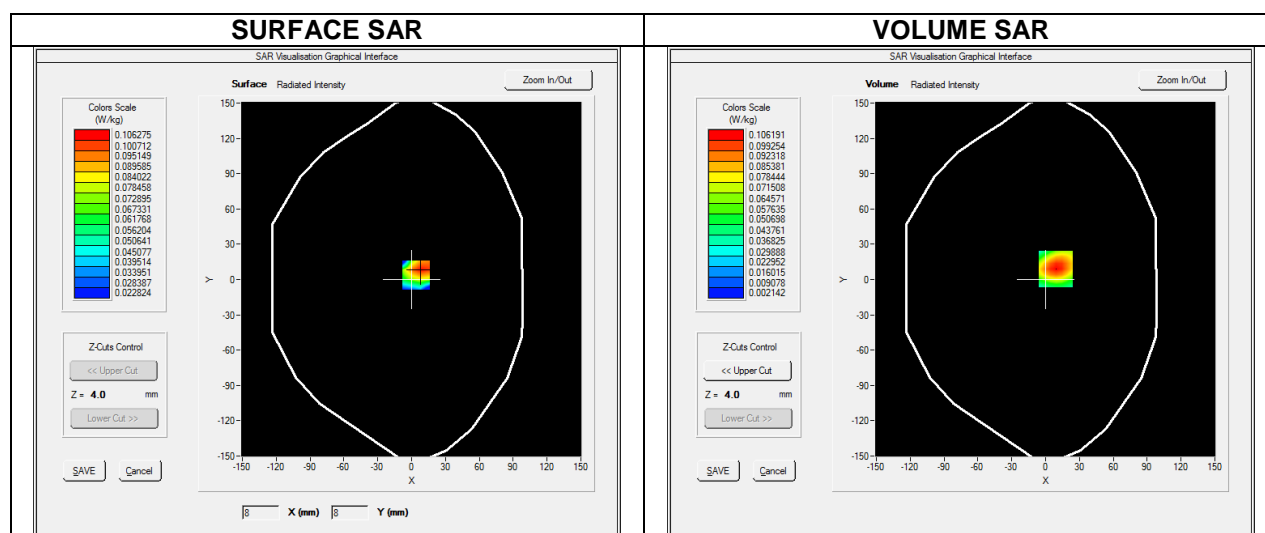
Type: Phone measurement (Complete)
Date of measurement: 11/21/2016
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.80; Calibrated: 06/01/2016

A. Experimental conditions

Area Scan	sam_direct_droit2_surf8mm.txt
Phantom	Flat Plane
Device Position	Back
Band	WiFi_802.11b
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

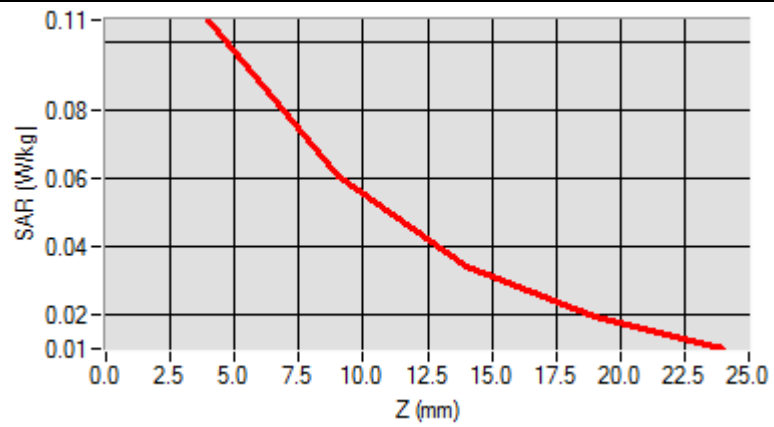
Frequency (MHz)	2412.000000
Relative Permittivity (real part)	52.010212
Conductivity (S/m)	1.910255
Power Variation (%)	2.492743
Ambient Temperature	21.1
Liquid Temperature	21.2



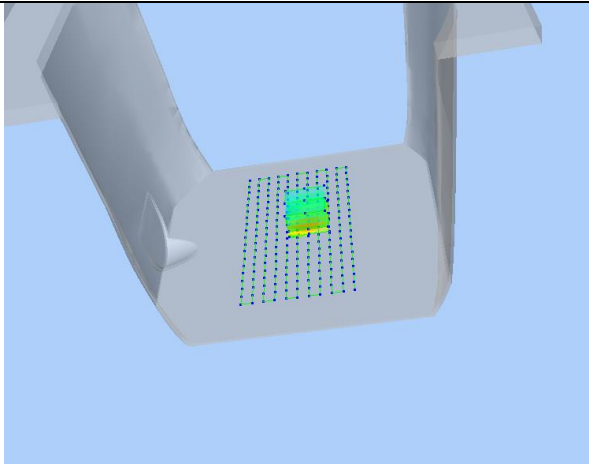
Maximum location: X=9.00, Y=9.00

SAR 10g (W/Kg)	0.054243
SAR 1g (W/Kg)	0.098567

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0000	0.1062	0.0605	0.0338	0.0189



3D screen shot



Hot spot position

