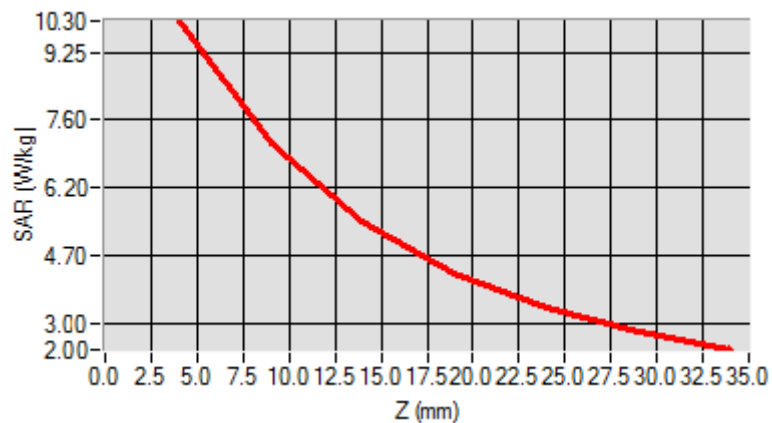


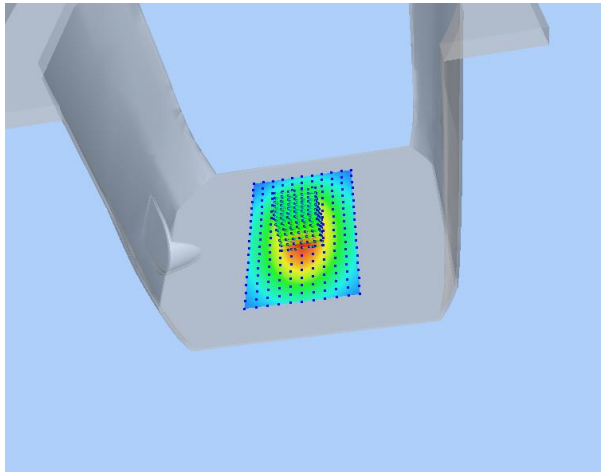
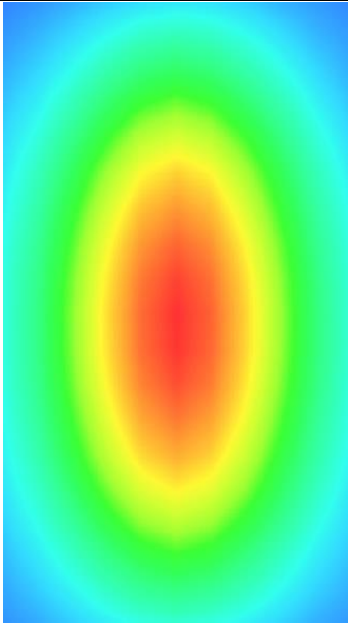
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.134651
SAR 1g (W/Kg)	9.781550

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.2031	6.43001	4.9011	4.5325	3.1201	2.5024



3D screen shot	Hot spot position
	

MEASUREMENT 11

For Body Liquid

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 10/17/2018

Measurement duration: 12 minutes 21 seconds

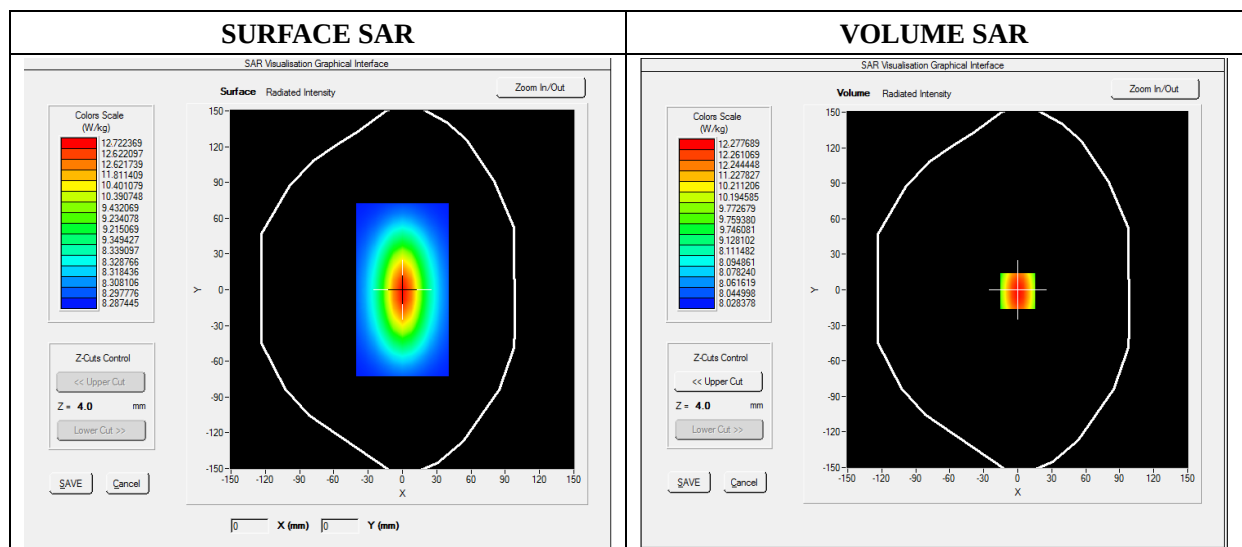
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.80; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative Permittivity (real part)	52.010212
Conductivity (S/m)	1.910255
Power Variation (%)	1.369745
Ambient Temperature	21.1
Liquid Temperature	21.2

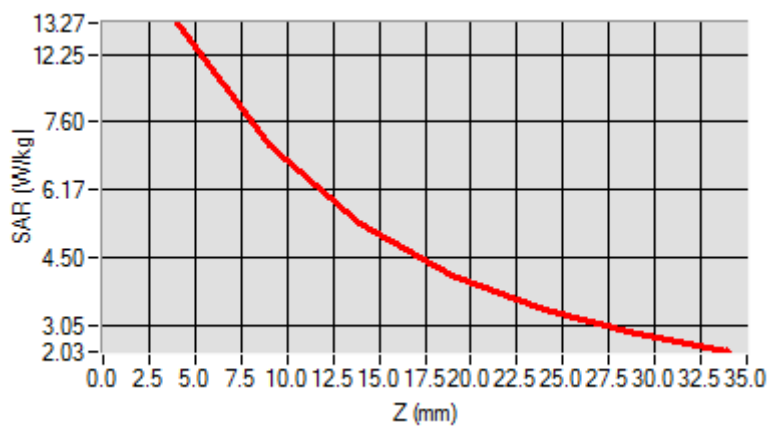


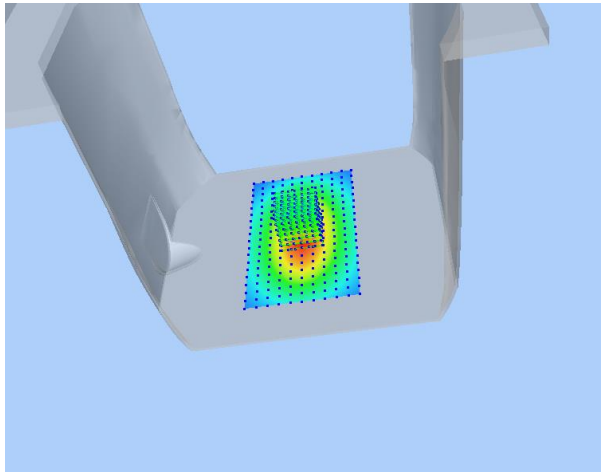
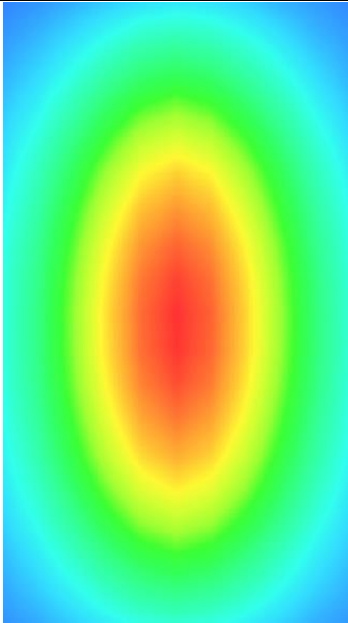
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	7.119522
SAR 1g (W/Kg)	12.592360

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	13.1911	11.7951	9.2945	8.5400	6.3712	4.6225



3D screen shot	Hot spot position
	

MEASUREMENT 12

For Body Liquid

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 10/17/2018

Measurement duration: 12 minutes 21 seconds

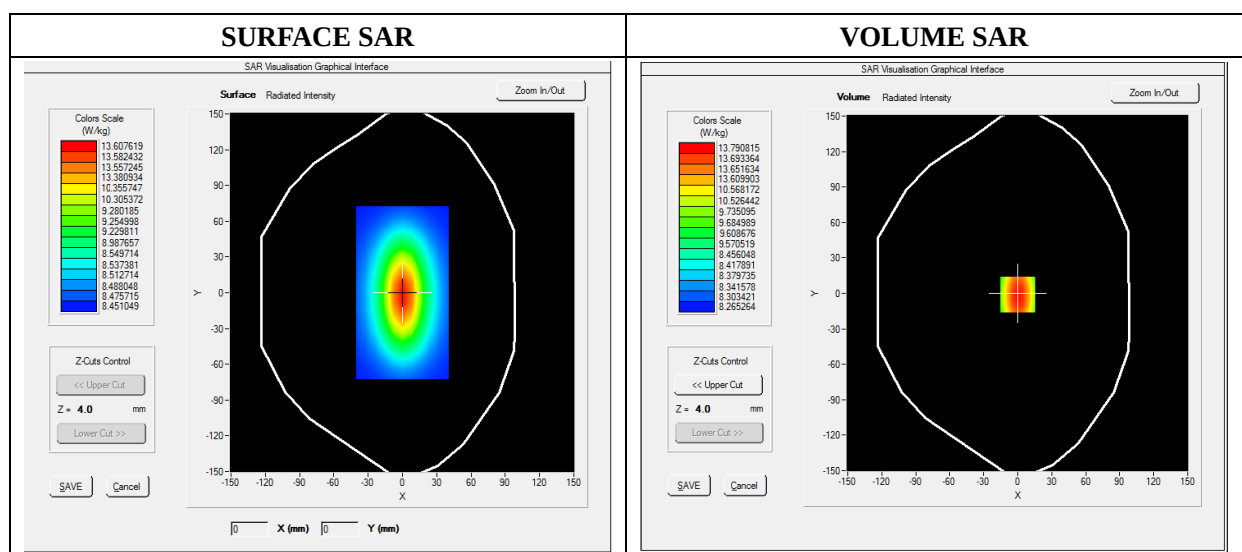
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.58; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	52.241202
Conductivity (S/m)	2.120943
Power Variation (%)	1.038832
Ambient Temperature	21.1
Liquid Temperature	21.2

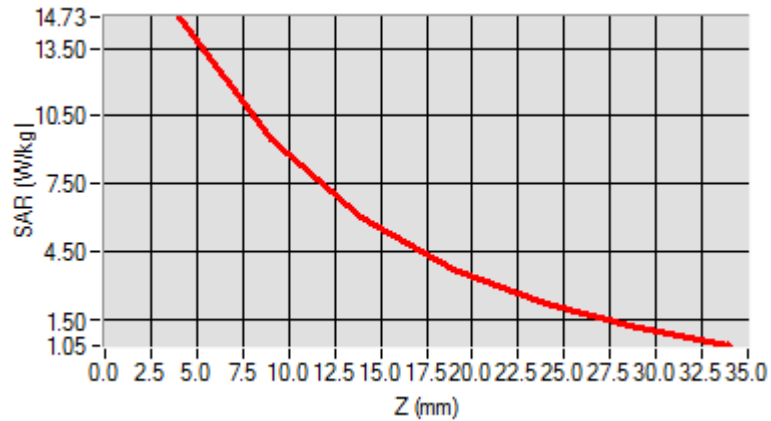


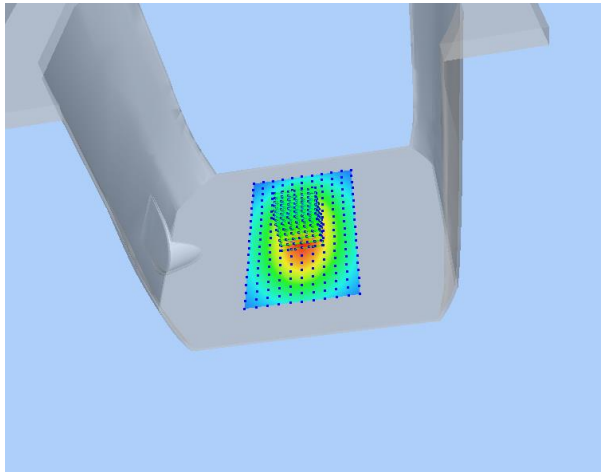
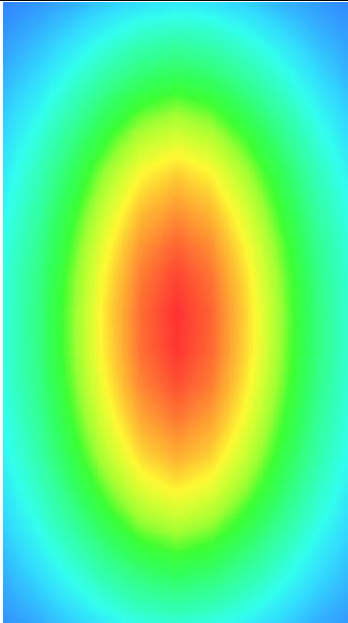
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	6.083781
SAR 1g (W/Kg)	13.430481

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	13.6473	11.8441	9.3627	8.5782	6.4357	4.6342



3D screen shot	Hot spot position
	

Annex B. Plots of SAR Measurement

<u>TYPE</u>	<u>BAND</u>	<u>PARAMETERS</u>
Phone	GSM850	<u>Measurement 3:</u> Left Head with Cheek device position on Middle Channel in GSM mode
Phone	GSM1900	<u>Measurement 5:</u> Right Head with Cheek device position on High Channel in GSM mode
Phone	GPRS850_2TX	<u>Measurement 11:</u> Left Head with Cheek device position on Low Channel in GPRS mode
Phone	GPRS1900_2TX	<u>Measurement 17:</u> Right Head with Cheek device position on High Channel in GPRS mode
Phone	WCDMA1900_RMC	<u>Measurement 21:</u> Right Head with Cheek device position on Low Channel in WCDMA mode
Phone	WCDMA850_RMC	<u>Measurement 25:</u> Right Head with Cheek device position on High Channel in WCDMA mode
Phone	LTE Band 2	<u>Measurement 29:</u> Right Head with Cheek device position on Low Channel in LTE mode
Phone	LTE Band 4	<u>Measurement 37:</u> Right Head with Cheek device position on Low Channel in LTE mode
Phone	LTE Band 5	<u>Measurement 47:</u> Left Head with Cheek device position on Low Channel in LTE mode
Phone	LTE Band 7	<u>Measurement 53:</u> Right Head with Cheek device position on Low Channel in LTE mode
Phone	LTE Band 17	<u>Measurement 68:</u> Left Head with Cheek device position on Low Channel in LTE mode
Phone	WiFi_802.11b	<u>Measurement 76:</u> Left Head with Cheek device position on Low Channel in 802.11b mode
Phone	GSM850	<u>Measurement 79:</u> Flat Plane with Front(Body-worn) device position on Middle Channel in GSM mode
Phone	GSM1900	<u>Measurement 81:</u> Flat Plane with Front(Body-worn) device position on High Channel in GSM mode
Phone	GPRS850_2TX	<u>Measurement 83:</u> Flat Plane with Front device position on Low Channel in GPRS mode
Phone	GPRS1900_2TX	<u>Measurement 91:</u> Flat Plane with Right device position on Low Channel in GPRS mode
Phone	WCDMA1900_RMC	<u>Measurement 93:</u> Flat Plane with Front side device position on Low Channel in WCDMA mode
Phone	WCDMA1900_RMC	<u>Measurement 95:</u> Flat Plane with Right side device position on Low Channel in WCDMA mode
Phone	WCDMA850_RMC	<u>Measurement 97:</u> Flat Plane with Front side device position on High Channel in WCDMA mode

Phone	LTE Band 2	<u>Measurement 101:</u> Flat Plane with Front device position on Low Channel in LTE mode
Phone	LTE Band 2	<u>Measurement 103:</u> Flat Plane with Right device position on Low Channel in LTE mode
Phone	LTE Band 4	<u>Measurement 109:</u> Flat Plane with Front device position on Low Channel in LTE mode
Phone	LTE Band 5	<u>Measurement 117:</u> Flat Plane with Front device position on Low Channel in LTE mode
Phone	LTE Band 7	<u>Measurement 127:</u> Flat Plane with Front device position on High Channel in LTE mode
Phone	LTE Band 17	<u>Measurement 138:</u> Flat Plane with Back device position on Low Channel in LTE mode
Phone	WiFi_802.11b	<u>Measurement 146:</u> Flat Plane with Back side device position on Low Channel in 802.11b mode
<i>Remark: SAR plot is showed the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.</i>		

<u>TYPE</u>	<u>BAND</u>	<u>PARAMETERS</u>
Phone	GPRS850_2TX	<u>Measurement 150:</u> Flat Plane with Front device position on Low Channel in PTT mode
Phone	GPRS1900_2TX	<u>Measurement 151:</u> Flat Plane with Front device position on Low Channel in PTT mode

MEASUREMENT 3

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 11 minutes 48 seconds

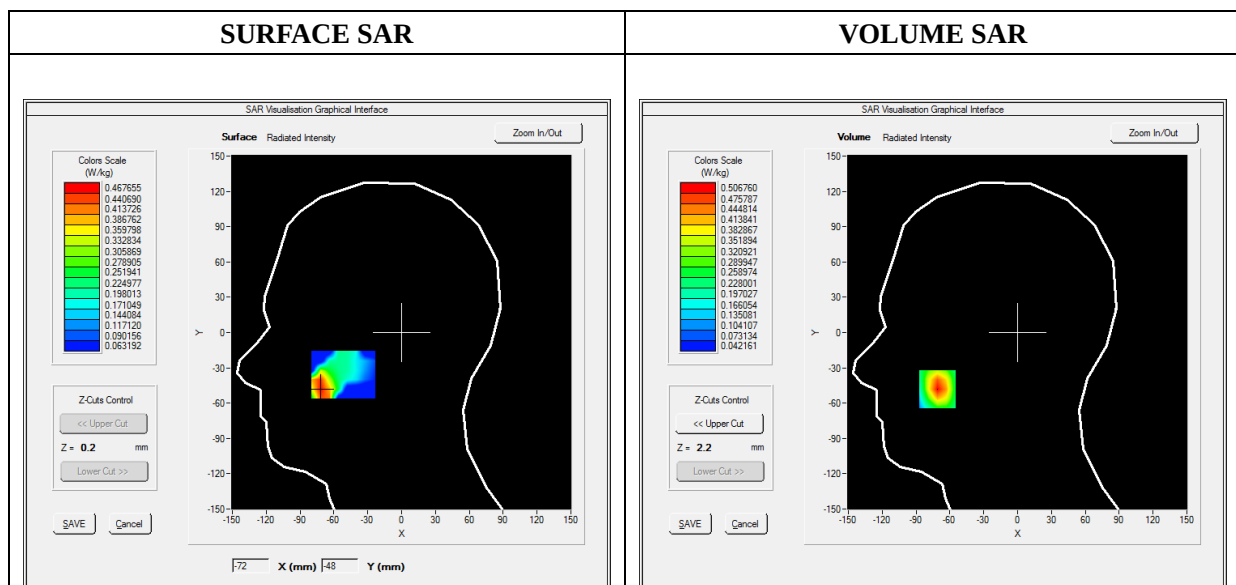
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.93; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Left 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

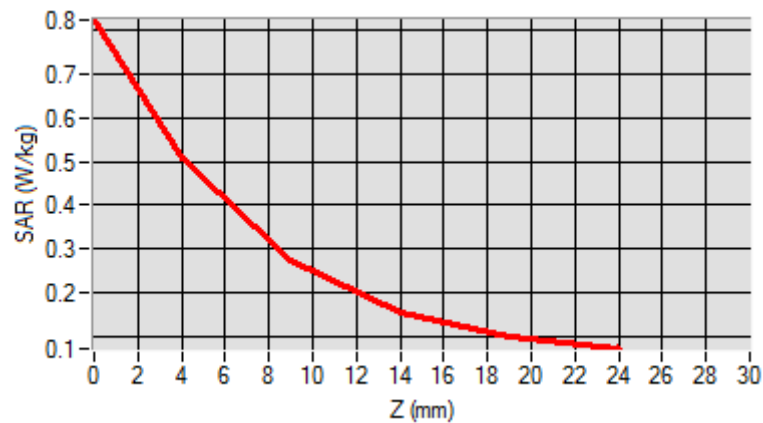


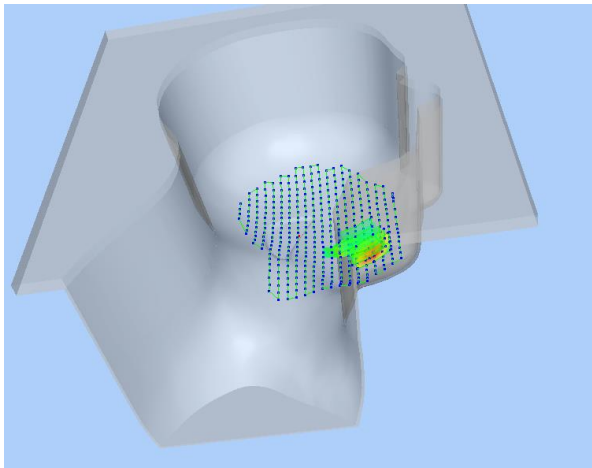
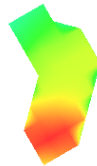
Maximum location: X=-71.00, Y=-48.00

SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.262707
SAR 1g (W/Kg)	0.476293

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8236	0.5068	0.2722	0.1548	0.1011



3D screen shot	Hot spot position
	

MEASUREMENT 5

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 11 minutes 48 seconds

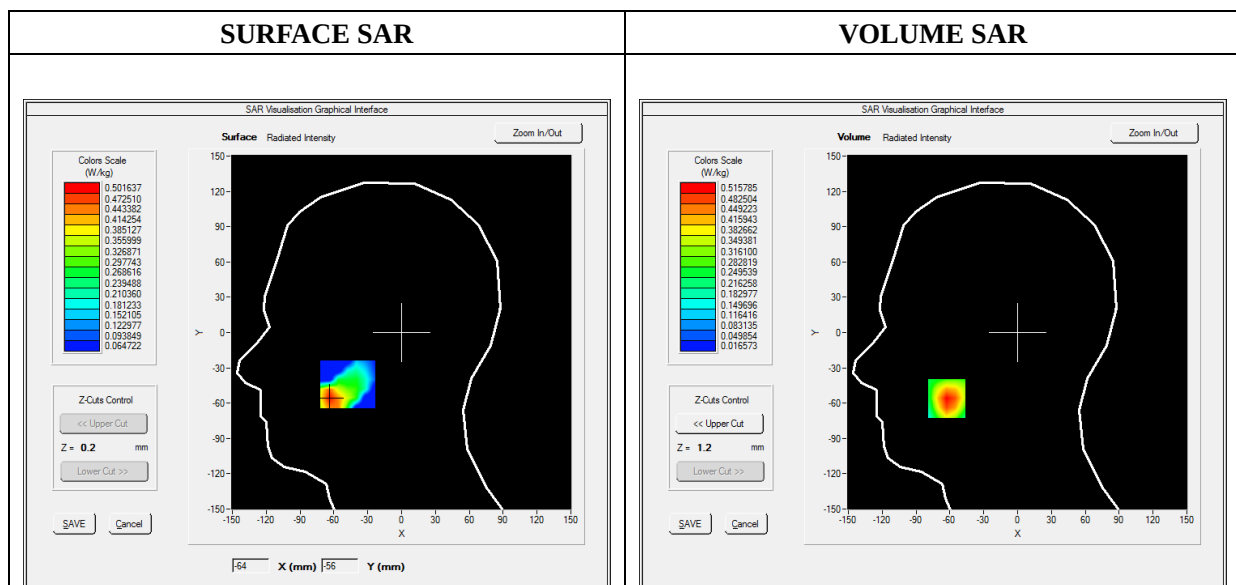
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.35; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Channels	High
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

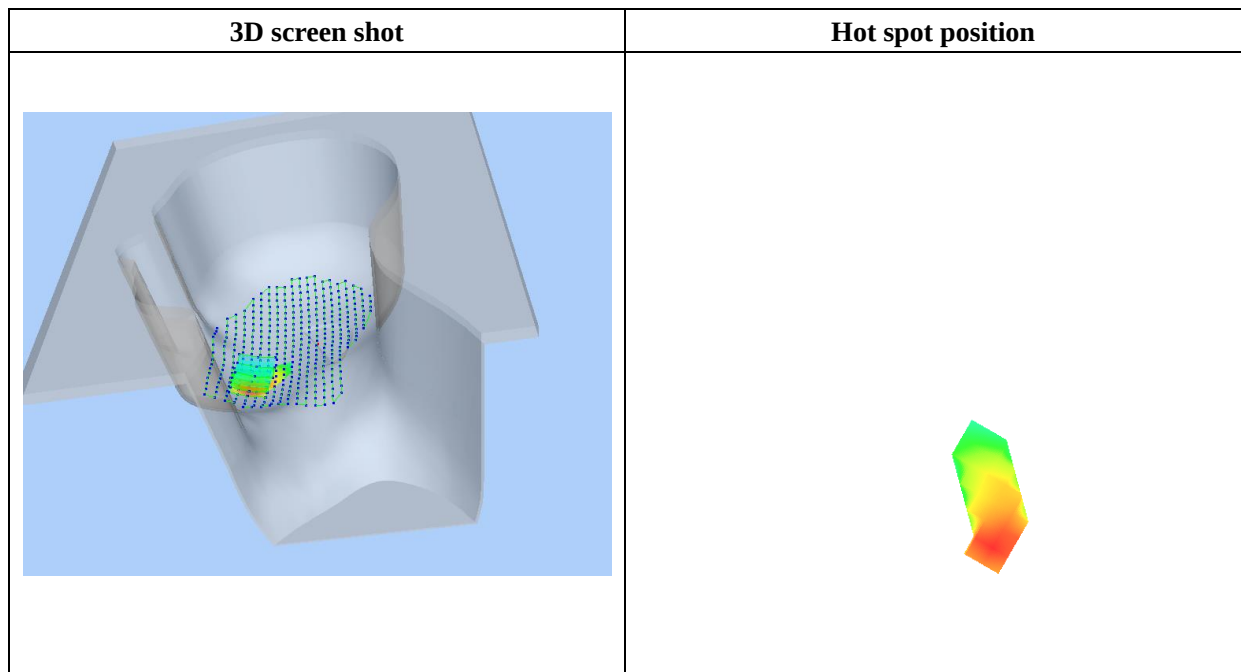
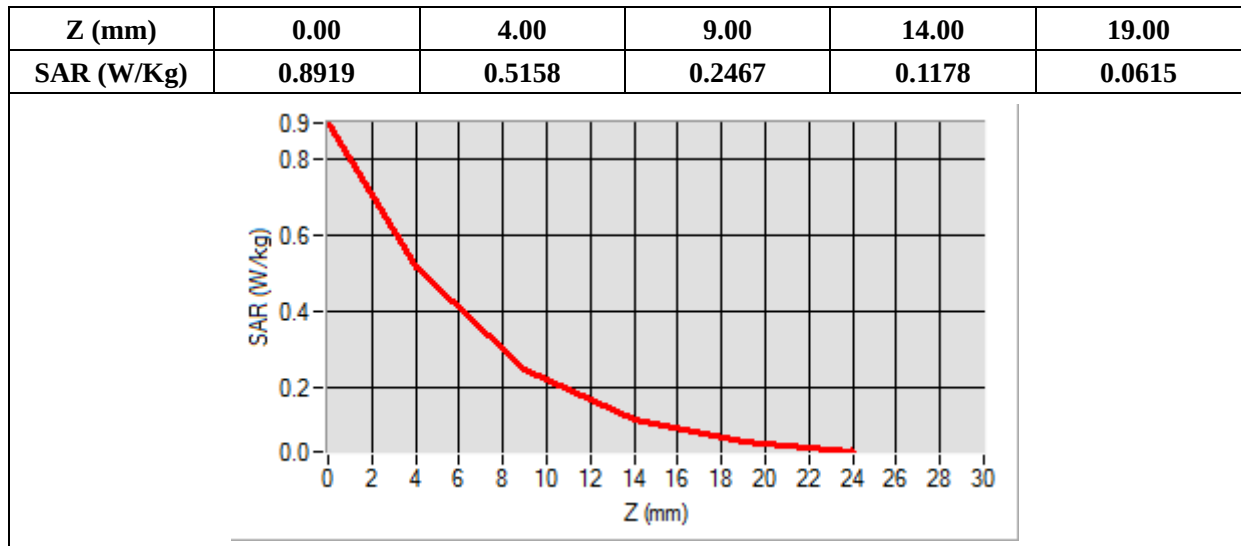
Frequency (MHz)	1909.800000
Relative Permittivity (real part)	38.560124
Conductivity (S/m)	1.380369
Power Variation (%)	1.442440
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=-63.00, Y=-56.00

SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.249726
SAR 1g (W/Kg)	0.491367



MEASUREMENT 11

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

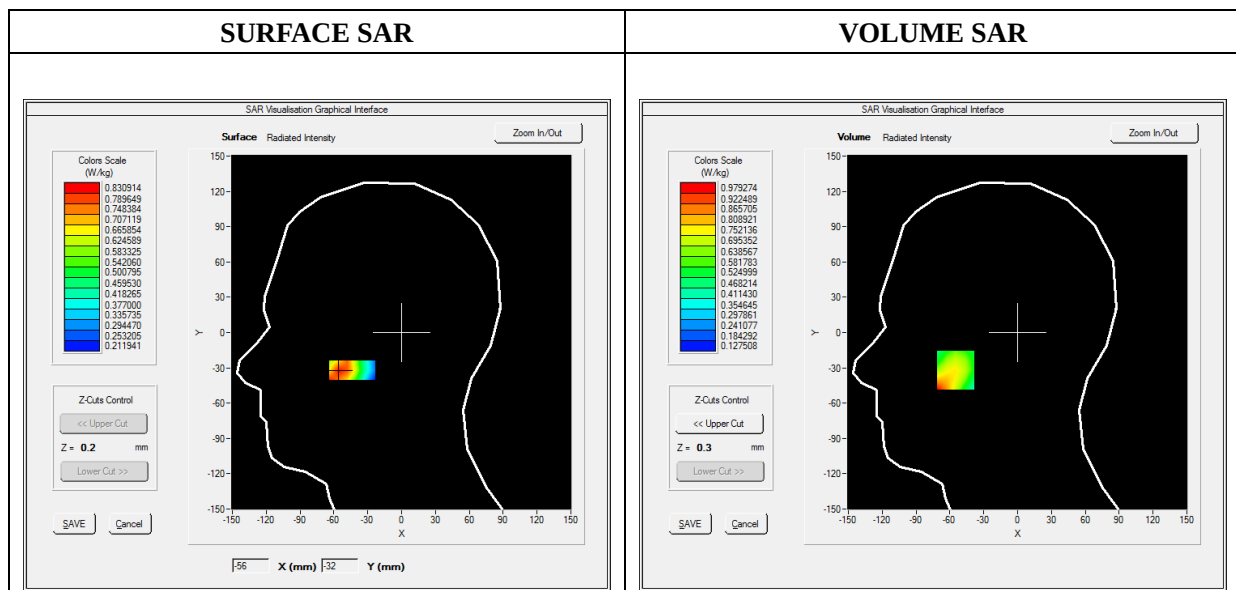
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.93; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	GPRS850_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

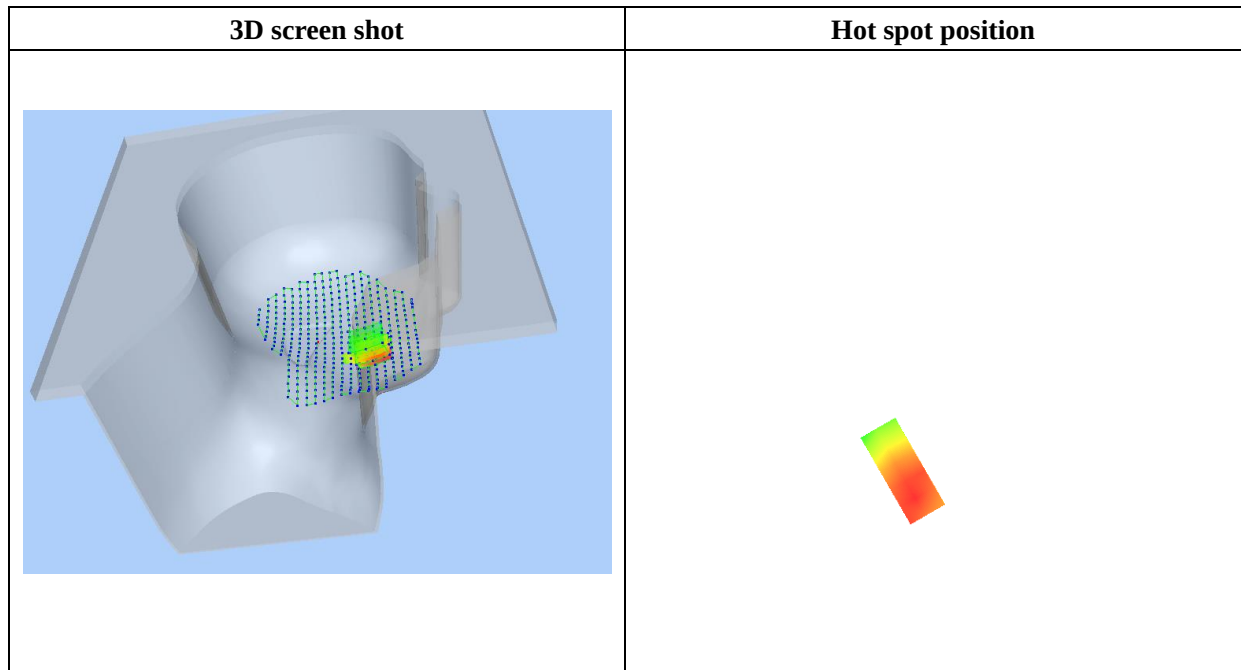
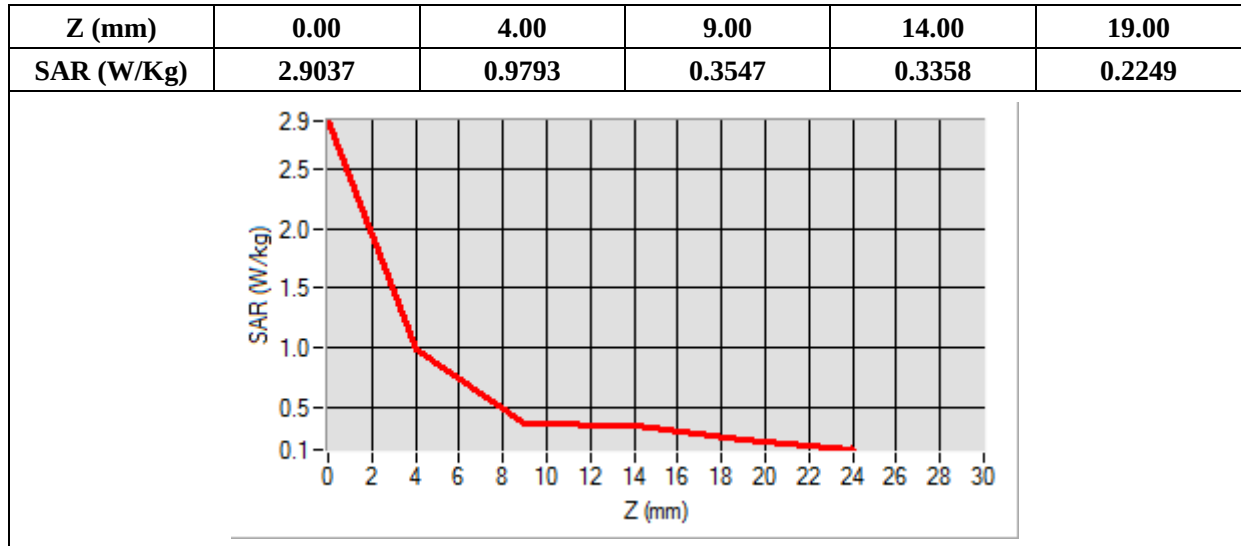
Frequency (MHz)	824.200000
Relative Permittivity (real part)	41.110245
Conductivity (S/m)	0.871245
Power Variation (%)	1.521350
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=-55.00, Y=-32.00

SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.537620
SAR 1g (W/Kg)	0.819163



MEASUREMENT 17

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

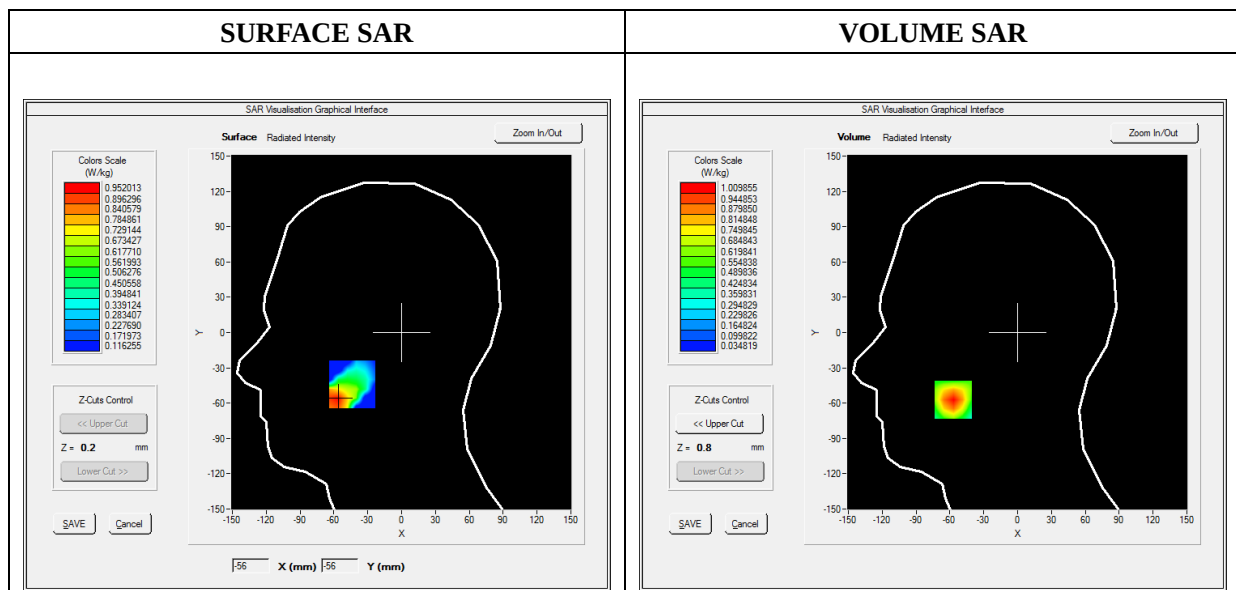
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.35; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	GPRS1900_2TX
Channels	High
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

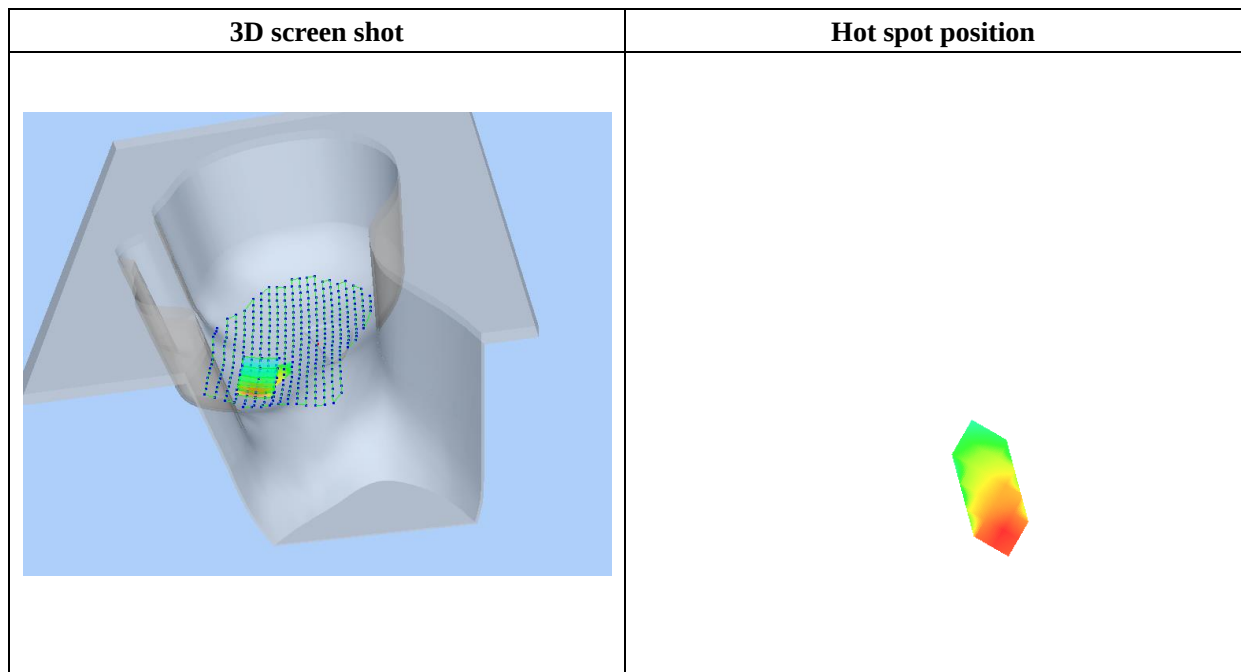
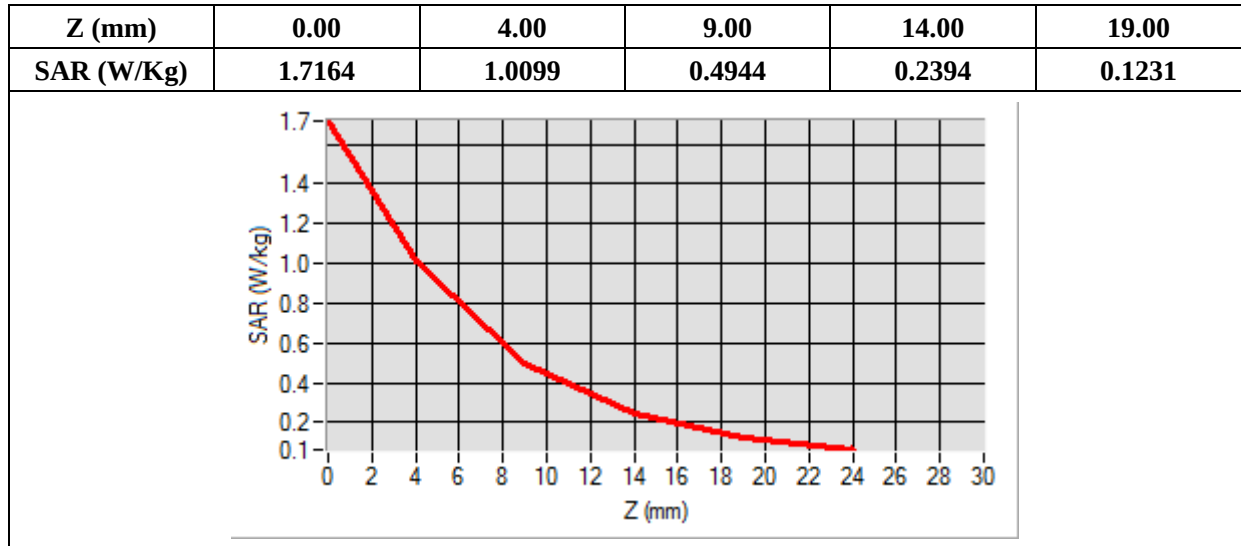
Frequency (MHz)	1909.800000
Relative Permittivity (real part)	38.560124
Conductivity (S/m)	1.380369
Power Variation (%)	1.536272
Ambient Temperature	21.1
Liquid Temperature	21.3



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

SAR Peak: 1.72 W/kg

SAR 10g (W/Kg)	0.485928
SAR 1g (W/Kg)	0.948241



MEASUREMENT 21

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

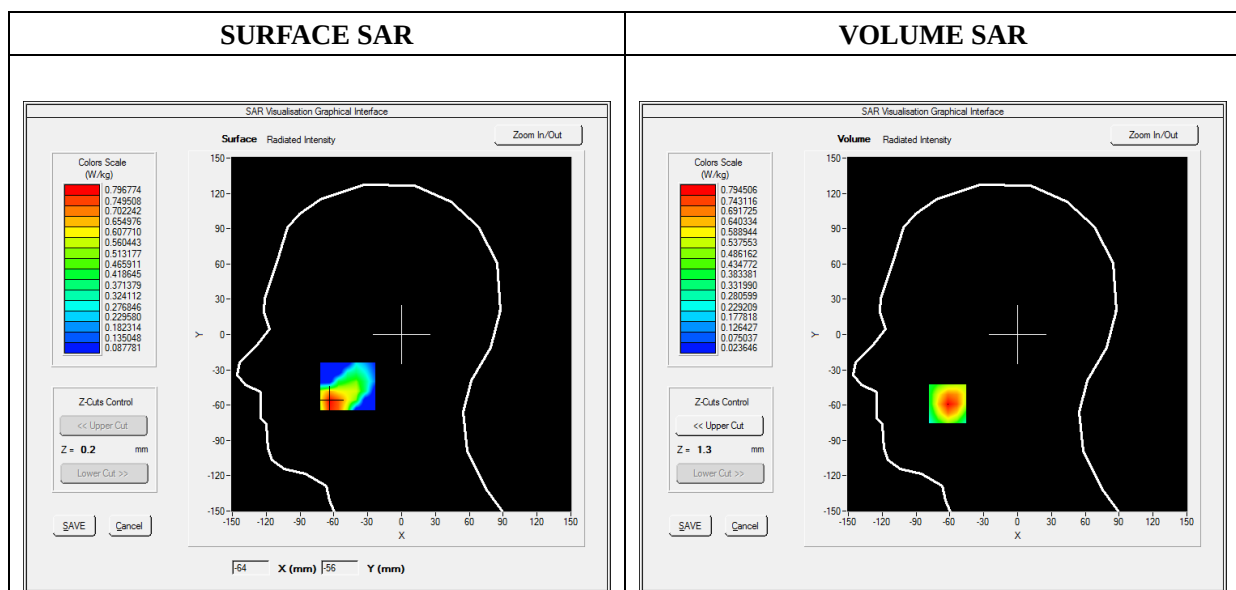
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.35; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	WCDMA1900_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

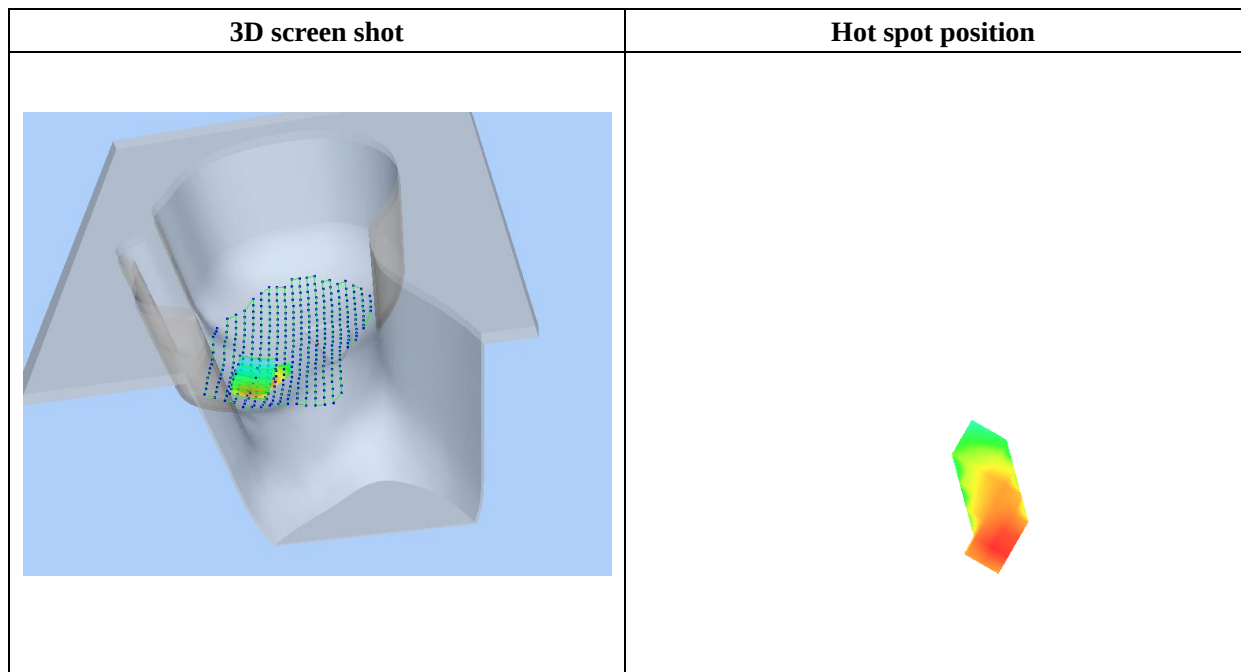
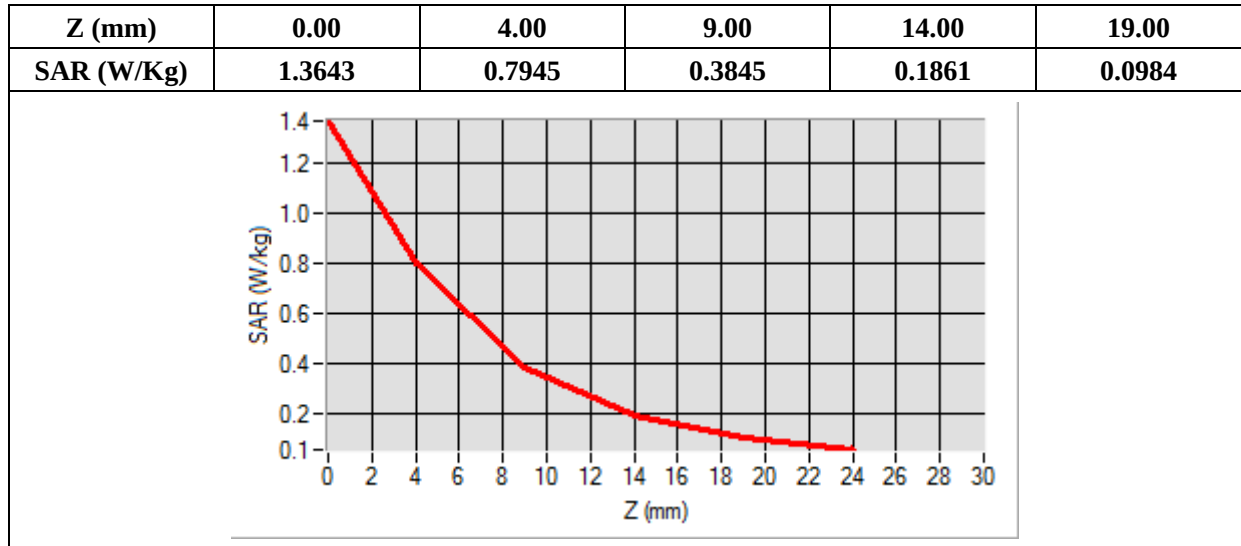
Frequency (MHz)	1852.400000
Relative Permittivity (real part)	38.560124
Conductivity (S/m)	1.380369
Power Variation (%)	1.524540
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=-62.00, Y=-59.00

SAR Peak: 1.38 W/kg

SAR 10g (W/Kg)	0.387192
SAR 1g (W/Kg)	0.752672



MEASUREMENT 25

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

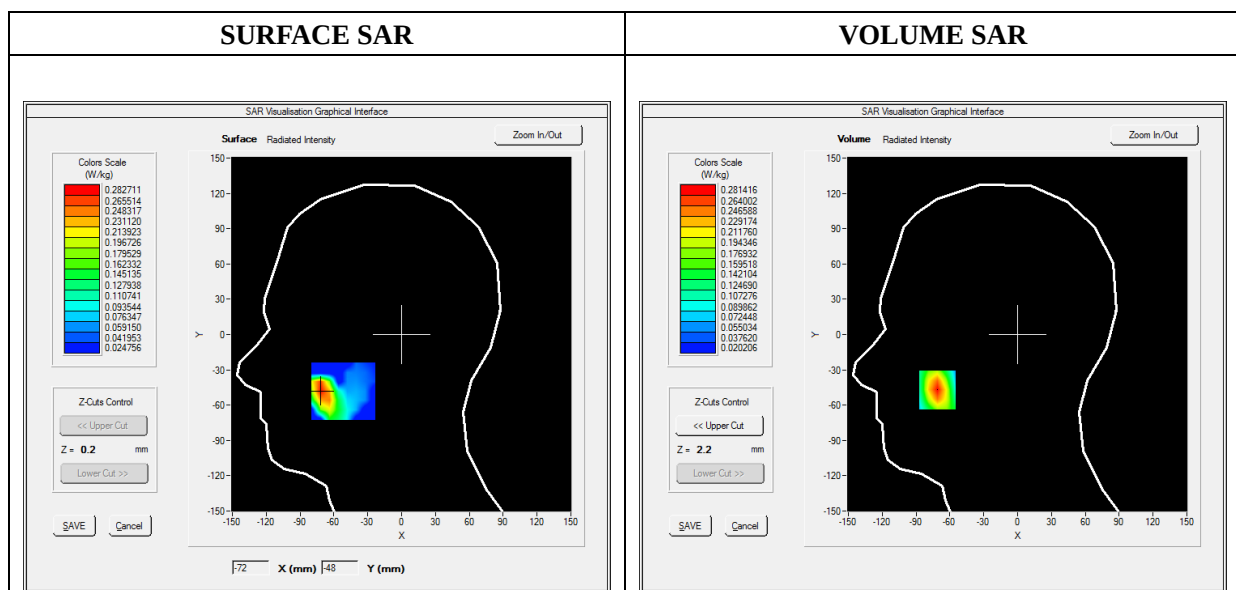
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.93; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	WCDMA850_RMC
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

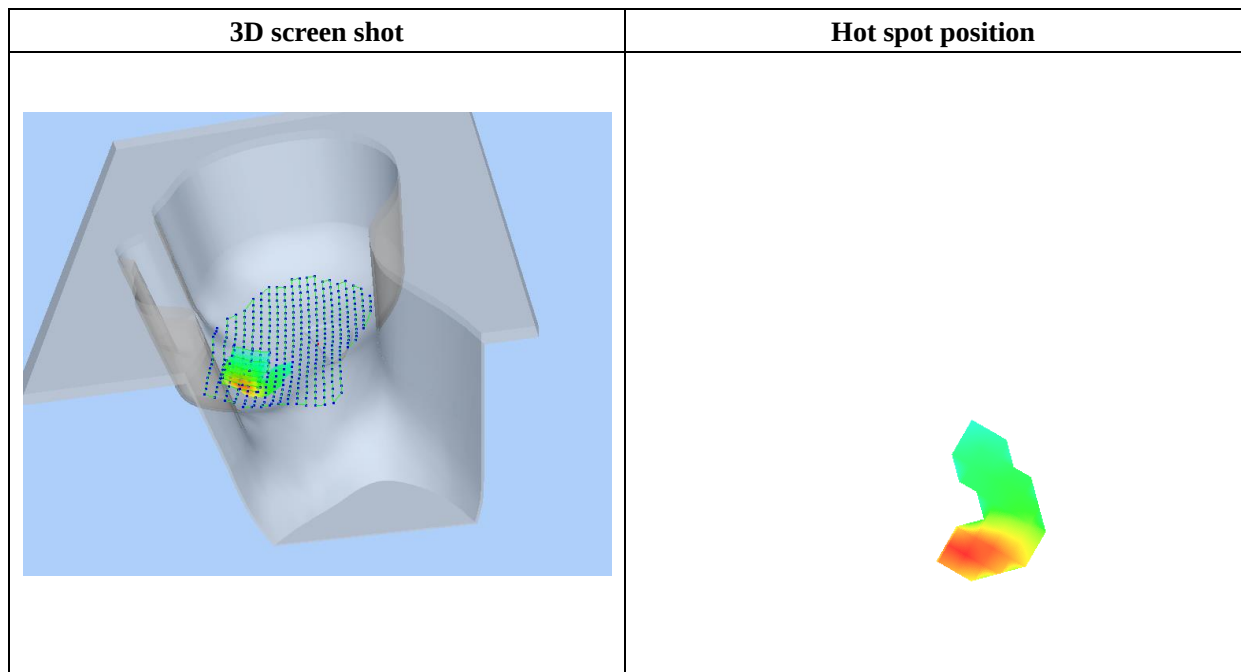
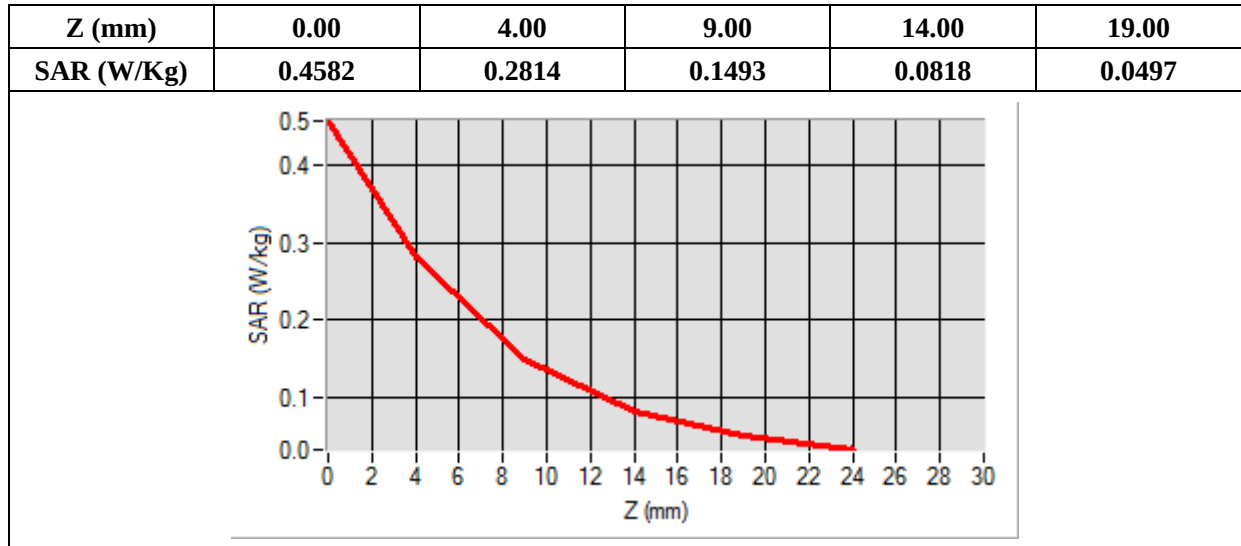
Frequency (MHz)	846.600000
Relative Permittivity (real part)	41.110245
Conductivity (S/m)	0.871245
Power Variation (%)	1.342427
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=-71.00, Y=-47.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.142969
SAR 1g (W/Kg)	0.262648



MEASUREMENT 29

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

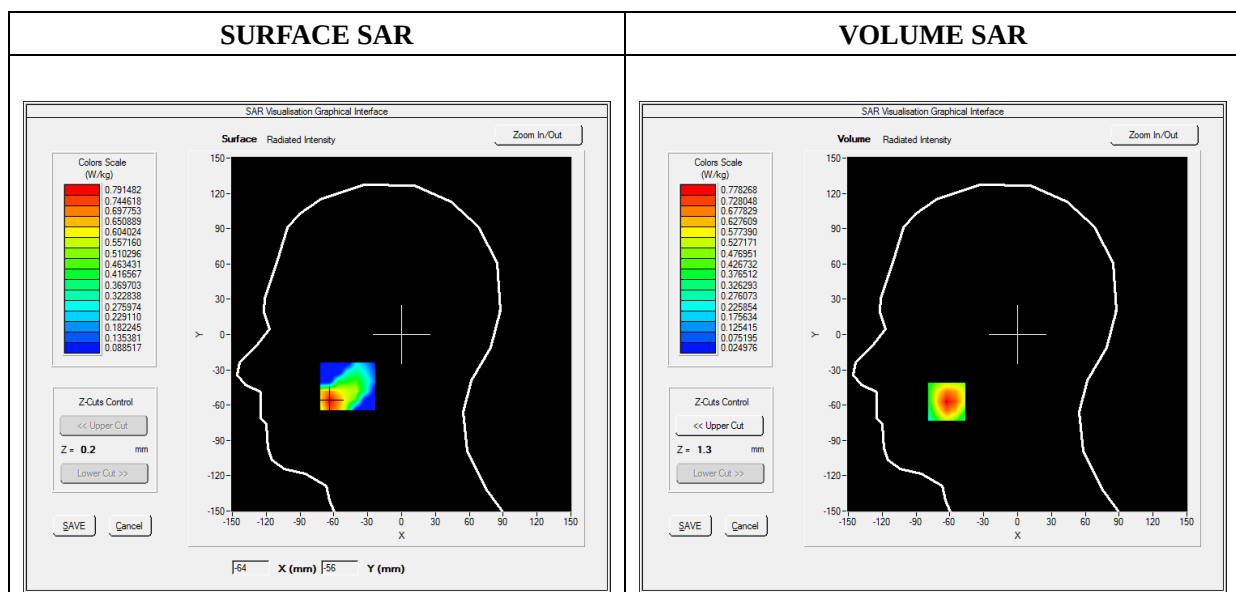
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.35; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

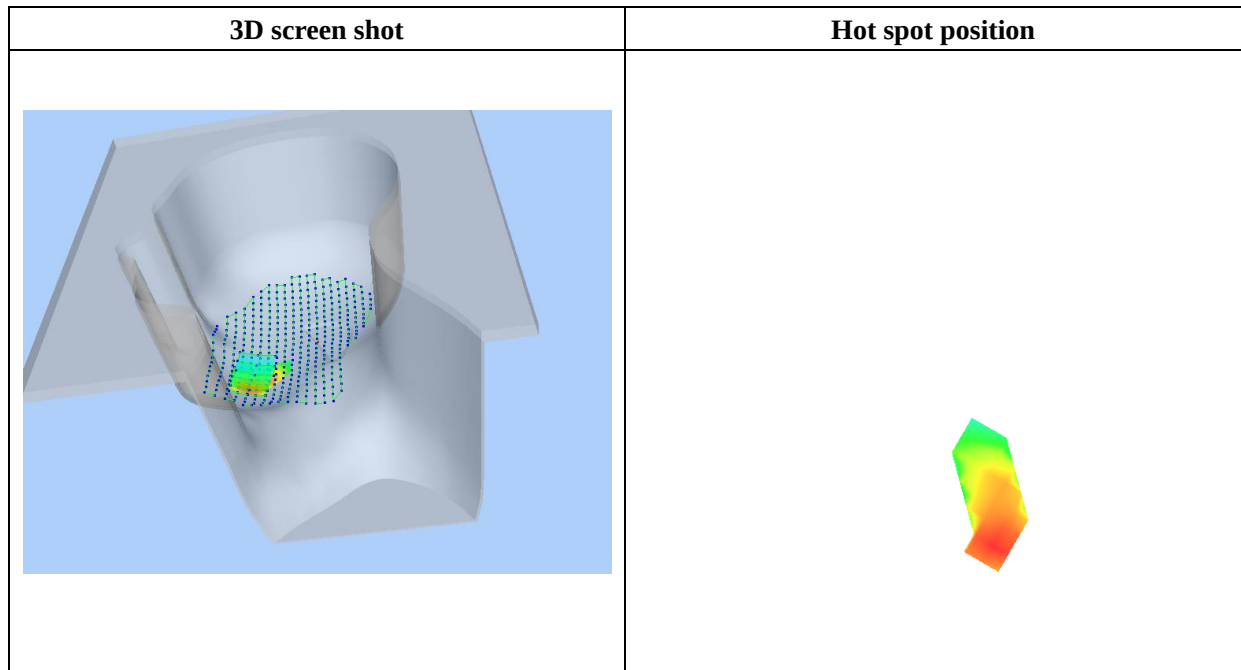
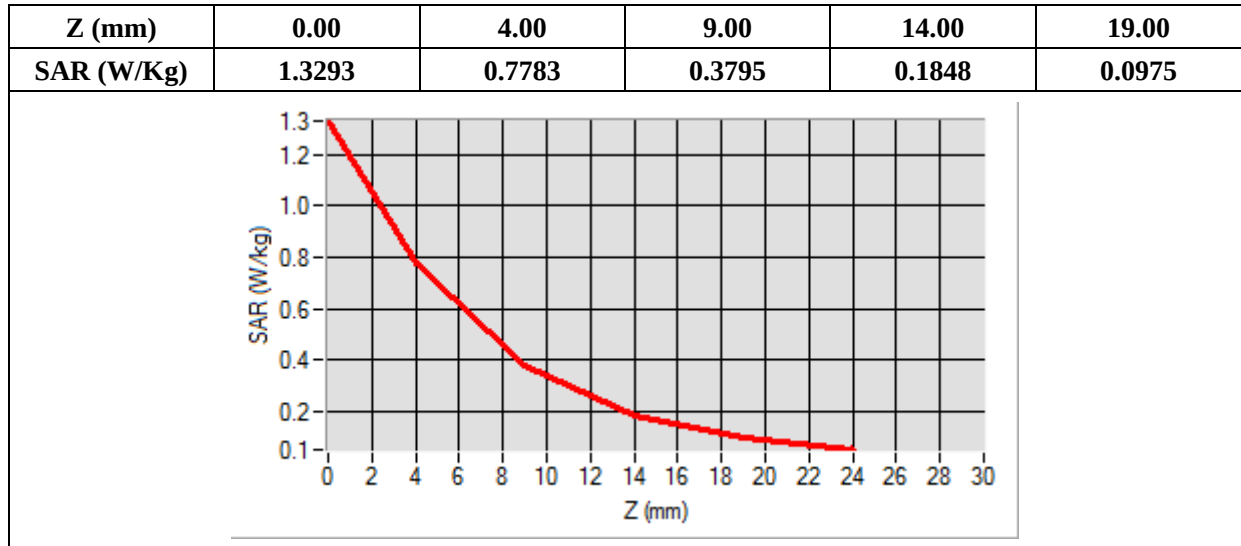
Frequency (MHz)	1860.000000
Relative Permittivity (real part)	38.560124
Conductivity (S/m)	1.380369
Power Variation (%)	1.743564
Ambient Temperature	21.1
Liquid Temperature	21.3



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

SAR Peak: 1.34 W/kg

SAR 10g (W/Kg)	0.383629
SAR 1g (W/Kg)	0.738664



MEASUREMENT 37

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

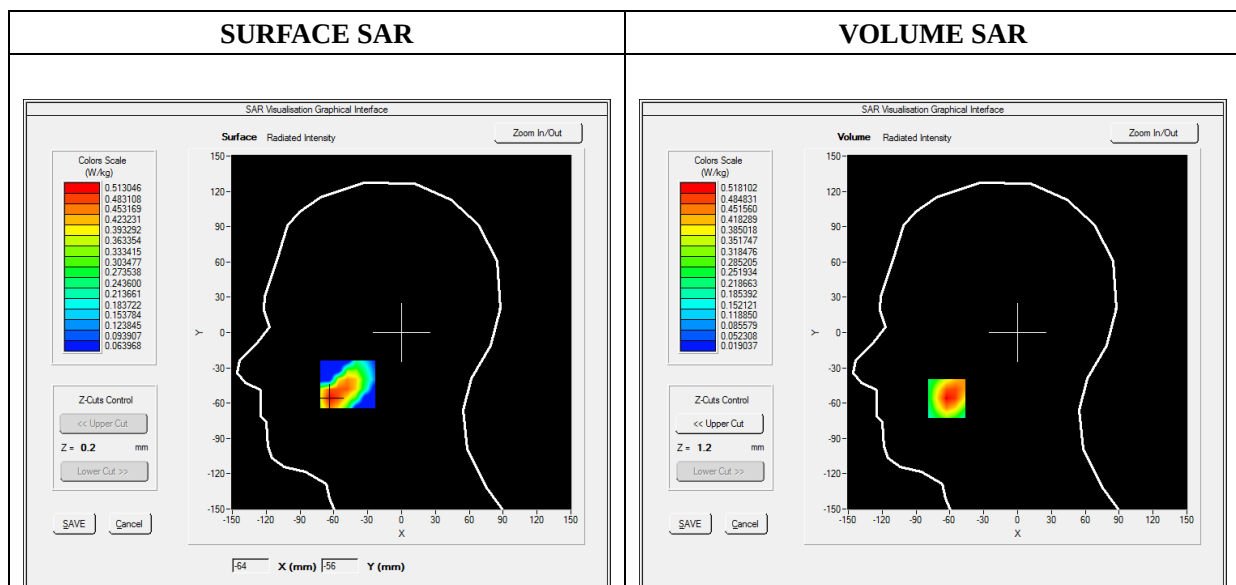
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.84; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 4
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

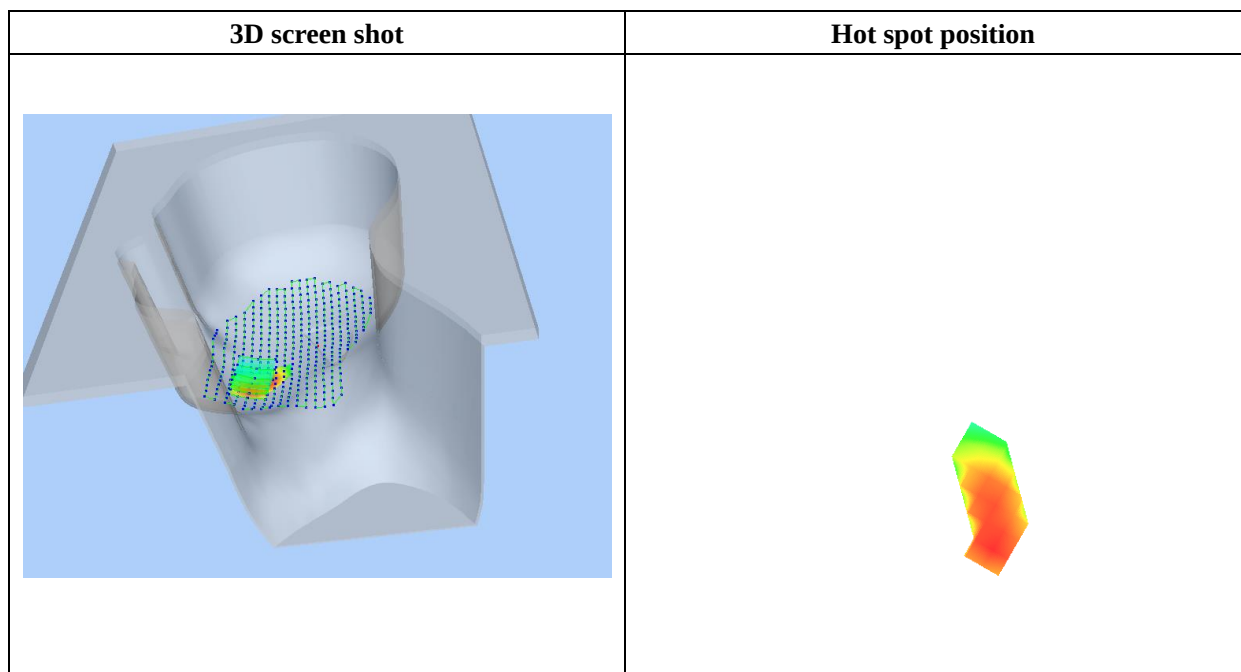
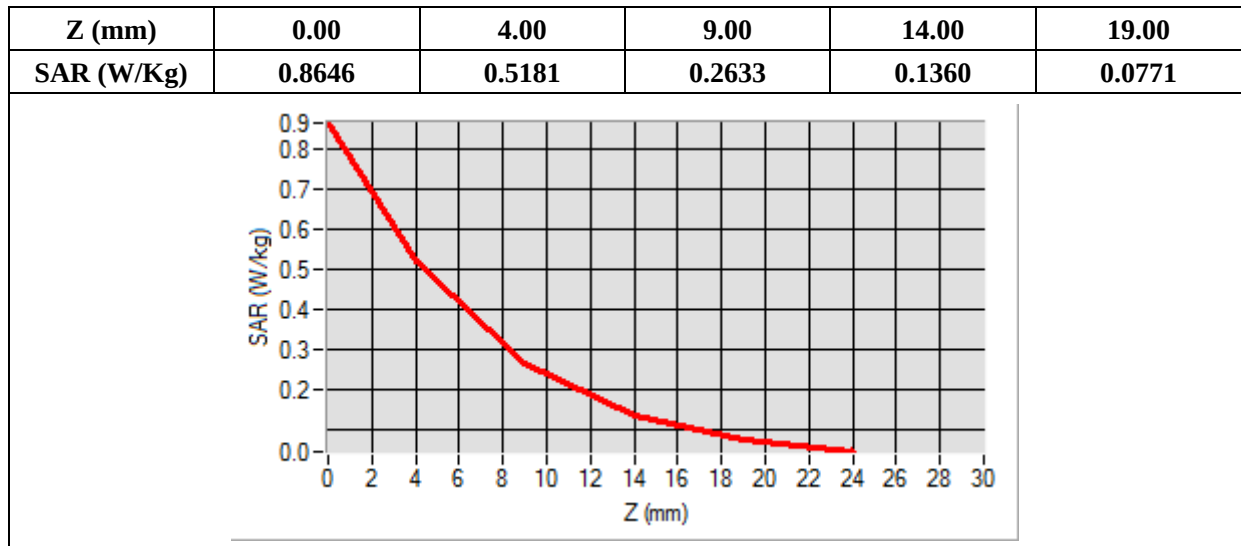
Frequency (MHz)	1720.000000
Relative Permittivity (real part)	39.025421
Conductivity (S/m)	1.370123
Power Variation (%)	1.374628
Ambient Temperature	21.1
Liquid Temperature	21.2



Maximum location: X=-63.00, Y=-56.00

SAR Peak: 0.88 W/kg

SAR 10g (W/Kg)	0.269352
SAR 1g (W/Kg)	0.496283



MEASUREMENT 47

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

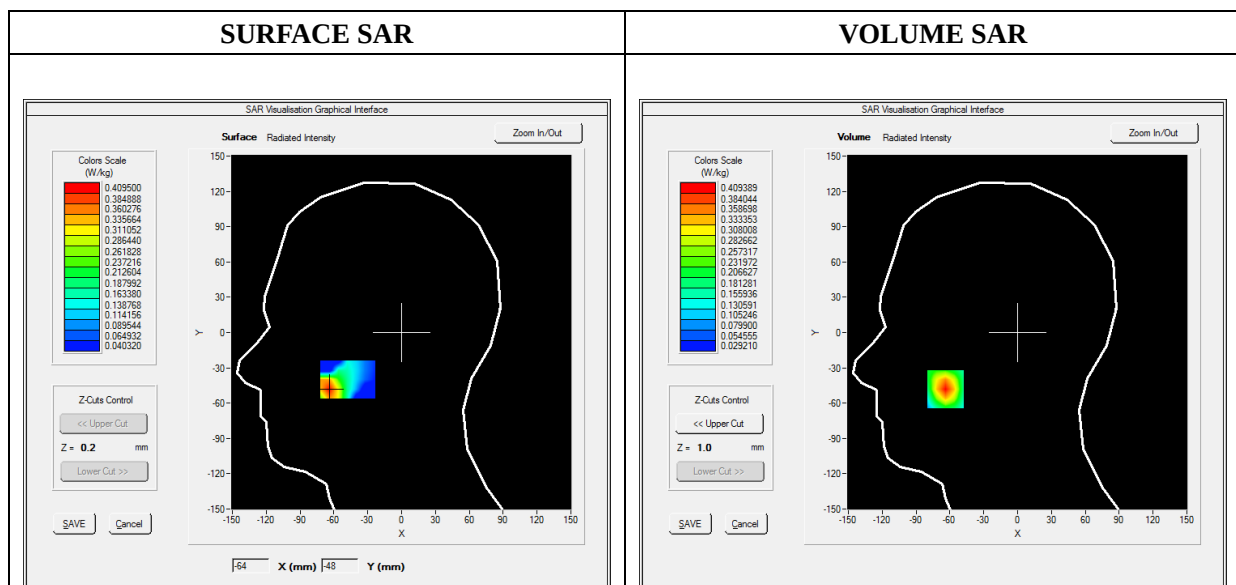
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.93; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 5
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

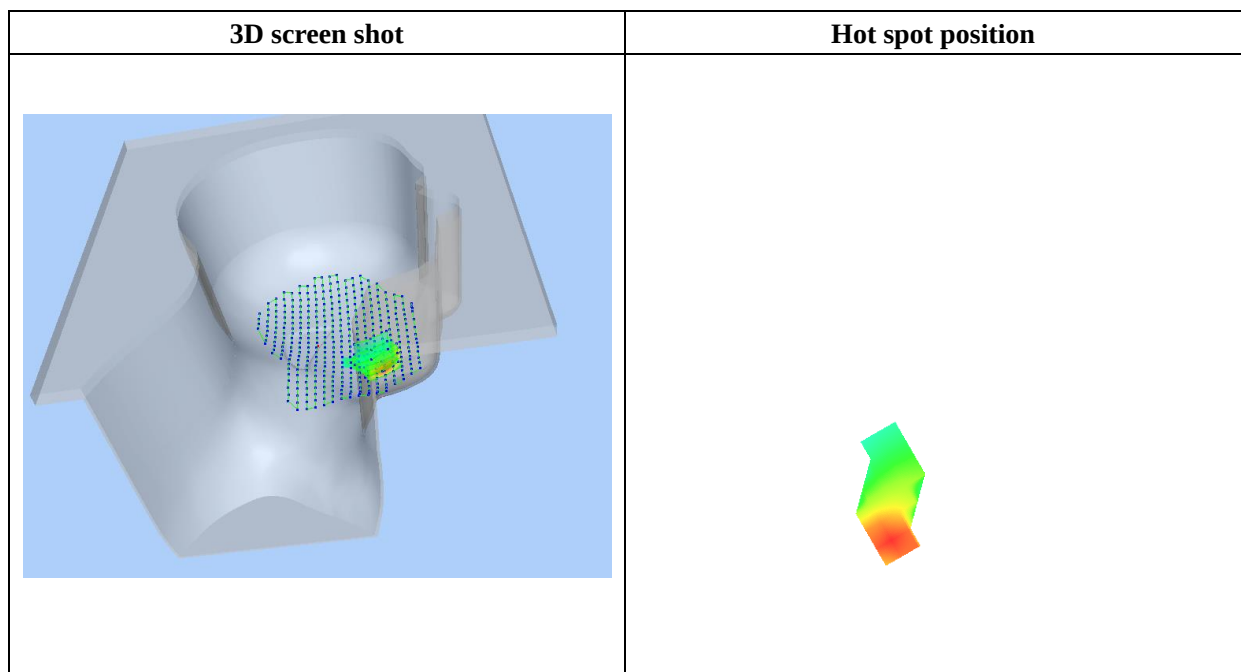
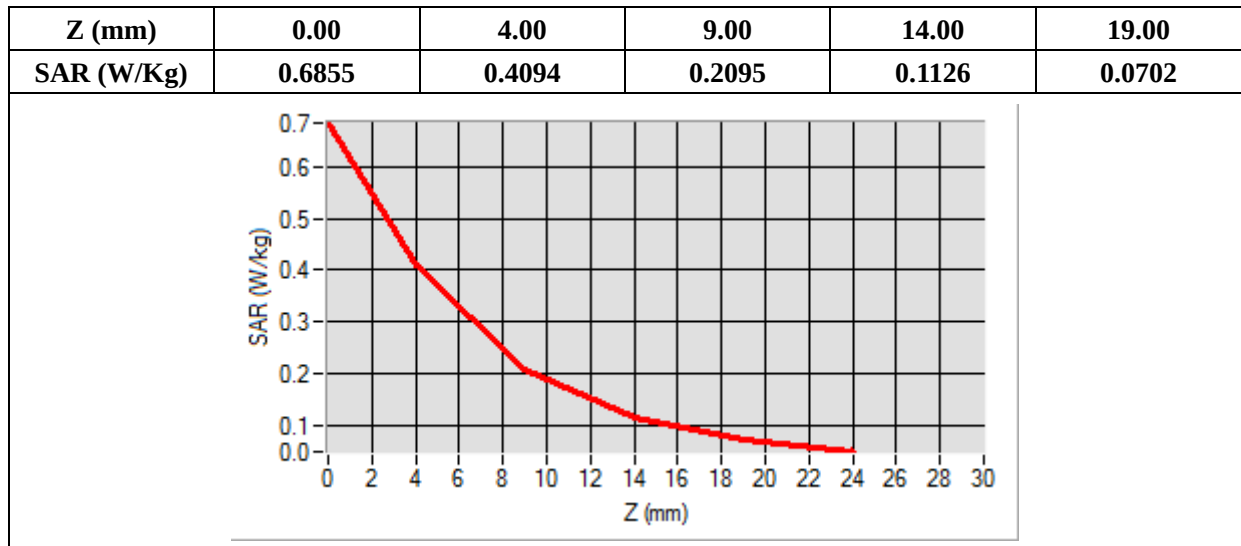
Frequency (MHz)	829.000000
Relative Permittivity (real part)	41.110245
Conductivity (S/m)	0.871245
Power Variation (%)	0.924535
Ambient Temperature	21.1
Liquid Temperature	21.2



Maximum location: X=-64.00, Y=-48.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.200368
SAR 1g (W/Kg)	0.380825



MEASUREMENT 53

Type: Phone measurement (Complete)

Date of measurement: 10/17/2018

Measurement duration: 12 minutes 3 seconds

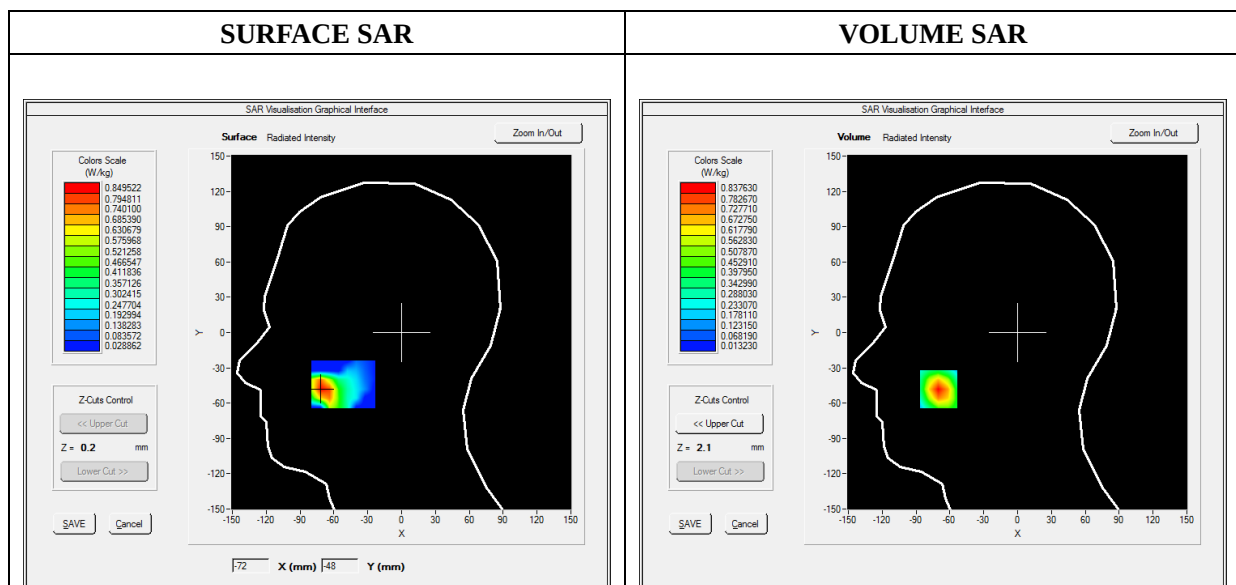
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.37; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 7
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

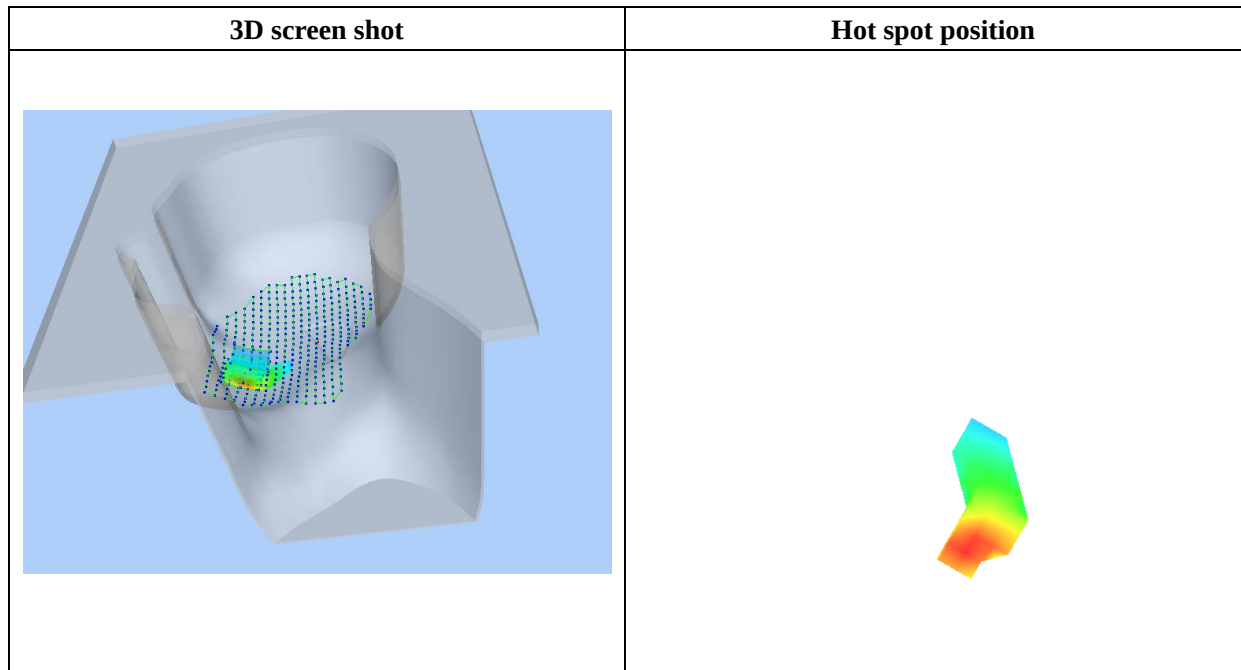
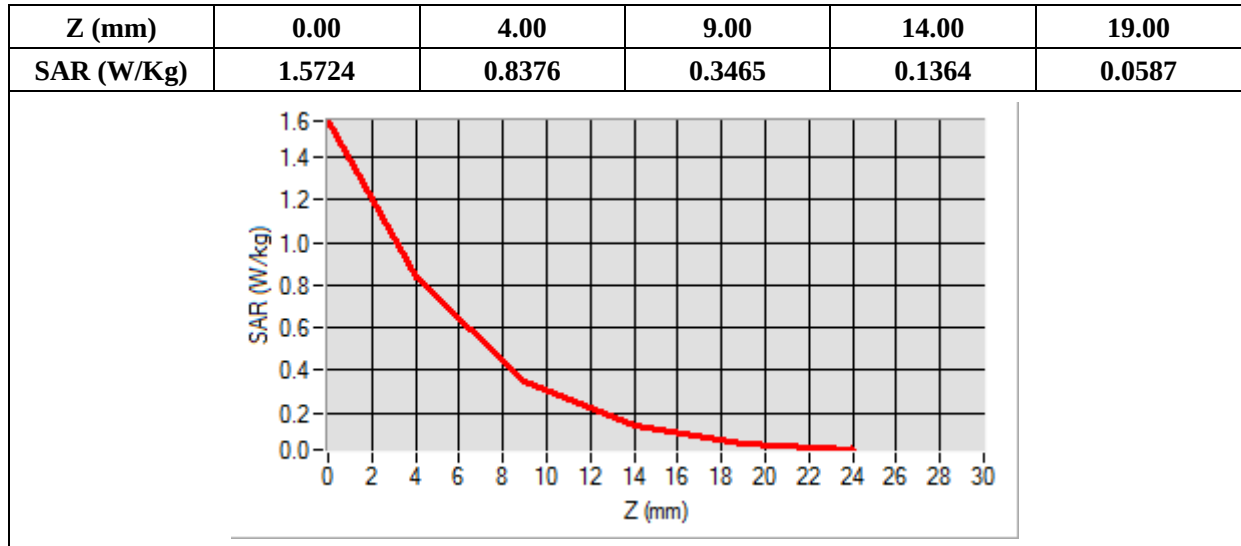
Frequency (MHz)	2510.000000
Relative Permittivity (real part)	38.631092
Conductivity (S/m)	1.930182
Power Variation (%)	0.924535
Ambient Temperature	21.1
Liquid Temperature	21.2



Maximum location: X=-70.00, Y=-48.00

SAR Peak: 1.58 W/kg

SAR 10g (W/Kg)	0.362572
SAR 1g (W/Kg)	0.786286



MEASUREMENT 68

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

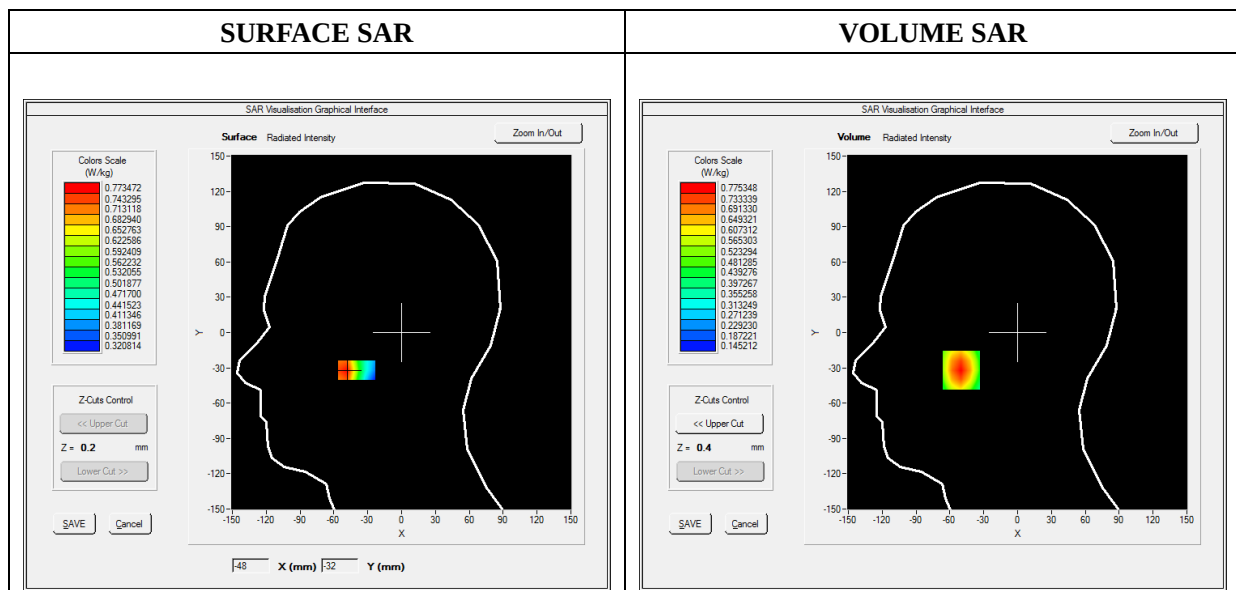
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.99; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 17
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	709.000000
Relative Permittivity (real part)	41.320574
Conductivity (S/m)	0.862373
Power Variation (%)	0.924535
Ambient Temperature	21.1
Liquid Temperature	21.2

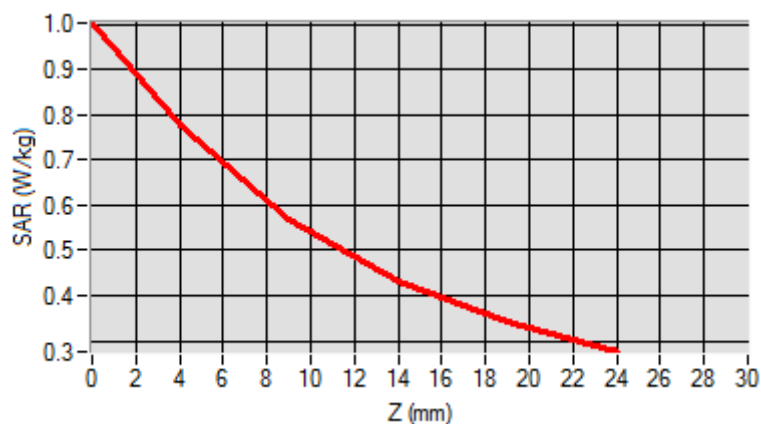


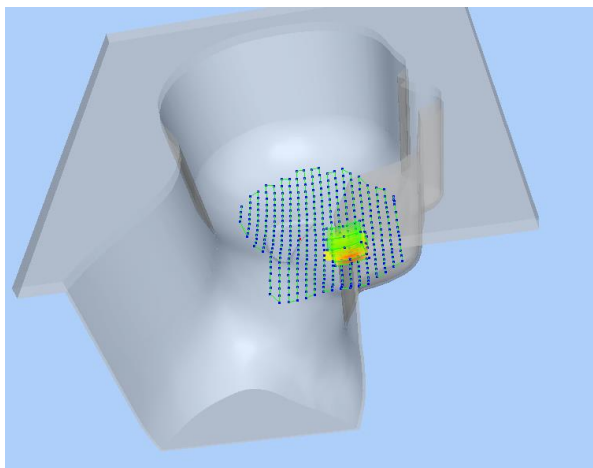
Maximum location: X=-50.00, Y=-32.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.525136
SAR 1g (W/Kg)	0.743397

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0028	0.7753	0.5694	0.4322	0.3423



3D screen shot	Hot spot position
	

MEASUREMENT 76

Type: Phone measurement (Complete)

Date of measurement: 10/17/2018

Measurement duration: 12 minutes 3 seconds

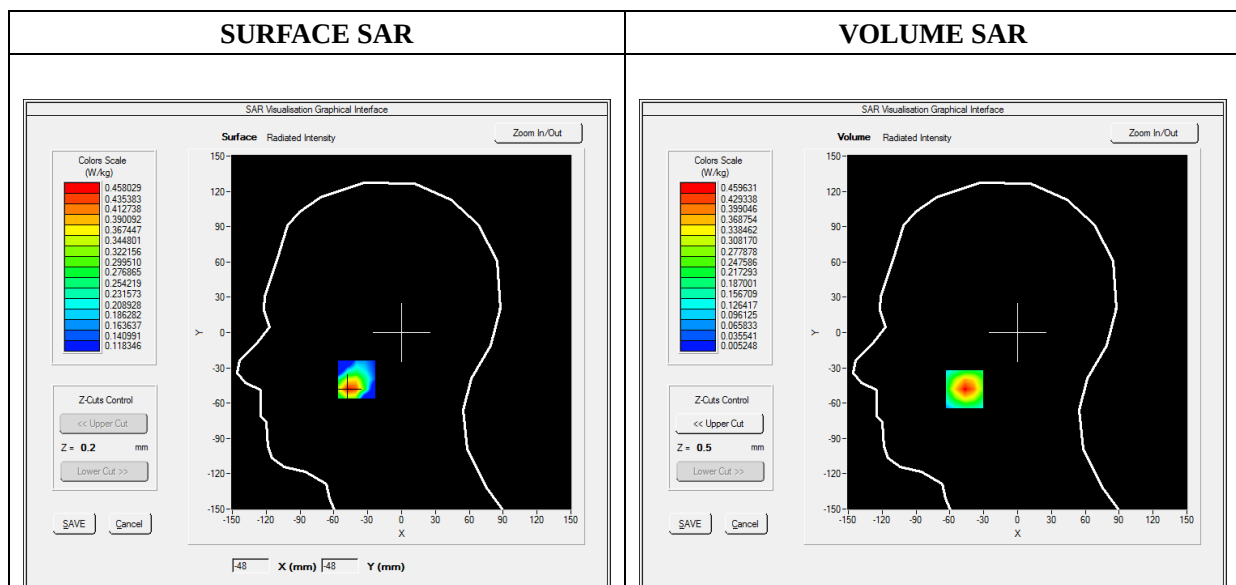
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.64; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	WiFi_802.11b
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

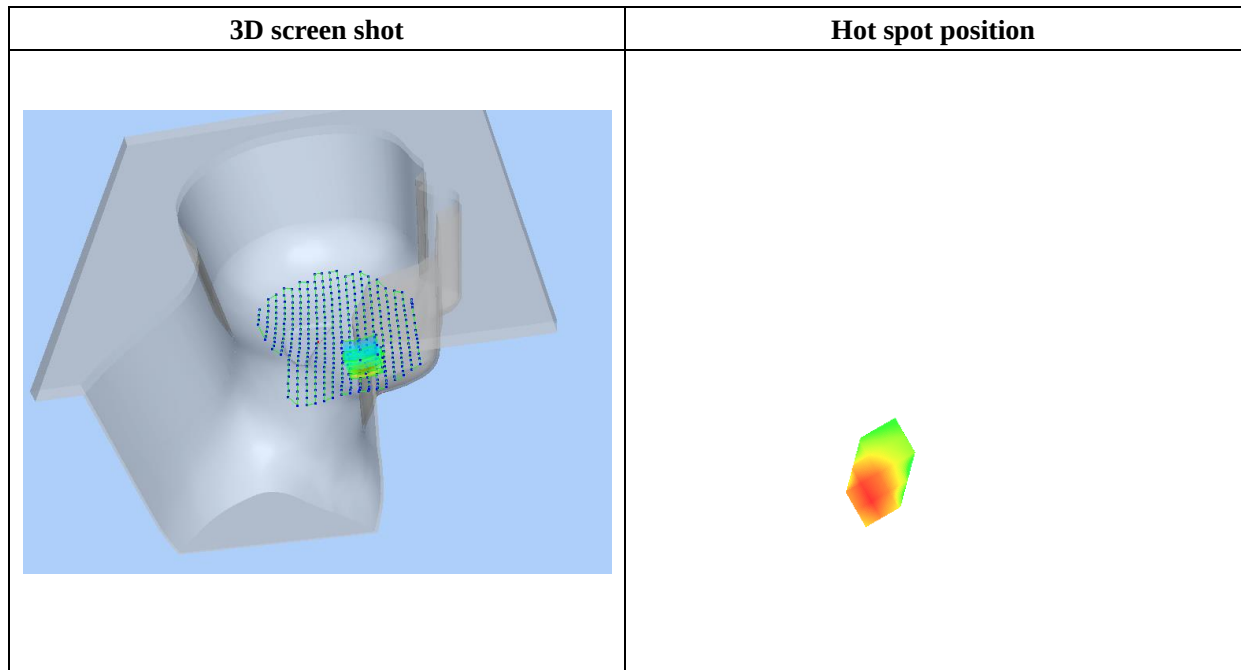
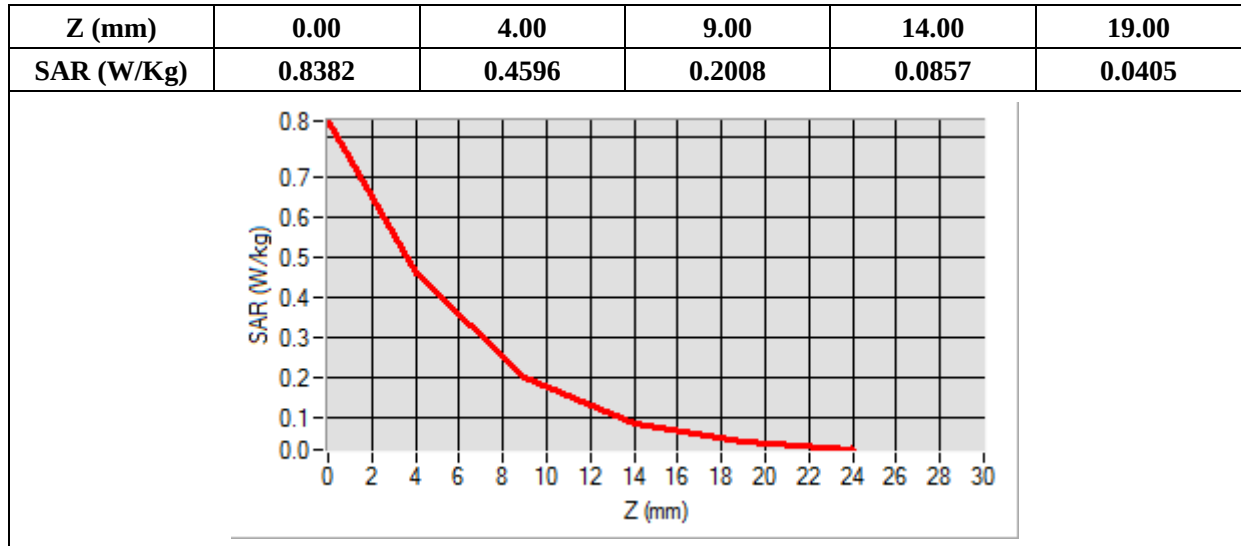
Frequency (MHz)	2412.000000
Relative Permittivity (real part)	38.153660
Conductivity (S/m)	1.740236
Power Variation (%)	3.234772
Ambient Temperature	21.1
Liquid Temperature	21.2



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

SAR Peak: 0.84 W/kg

SAR 10g (W/Kg)	0.198851
SAR 1g (W/Kg)	0.428158



MEASUREMENT 79

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

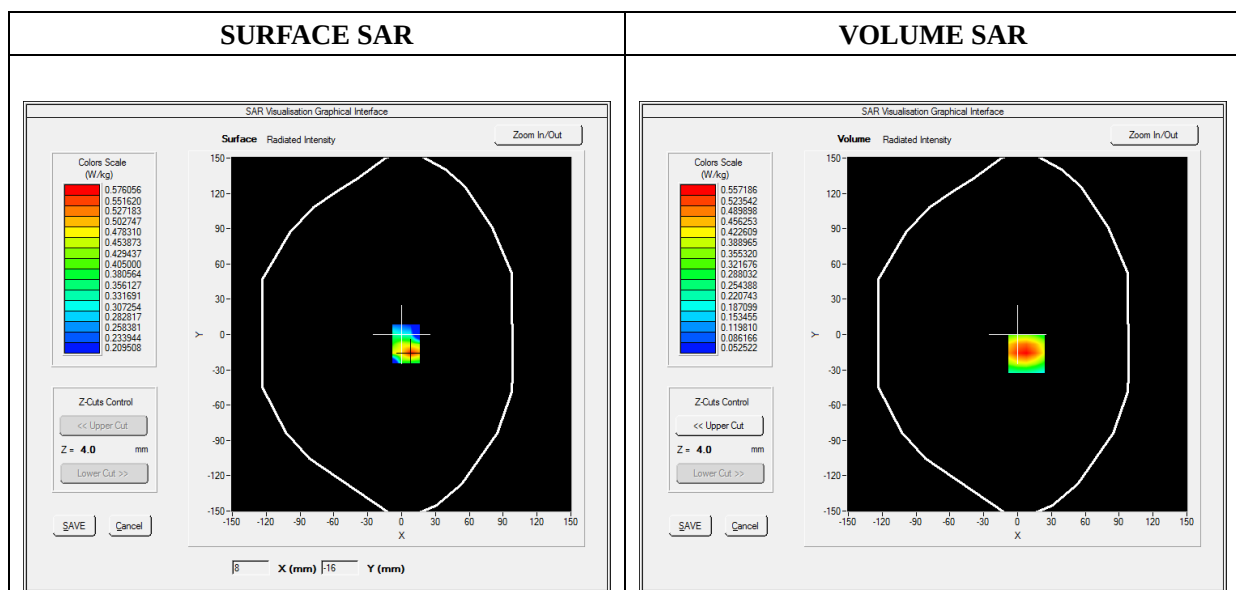
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 7.13; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front(Body-worn)
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

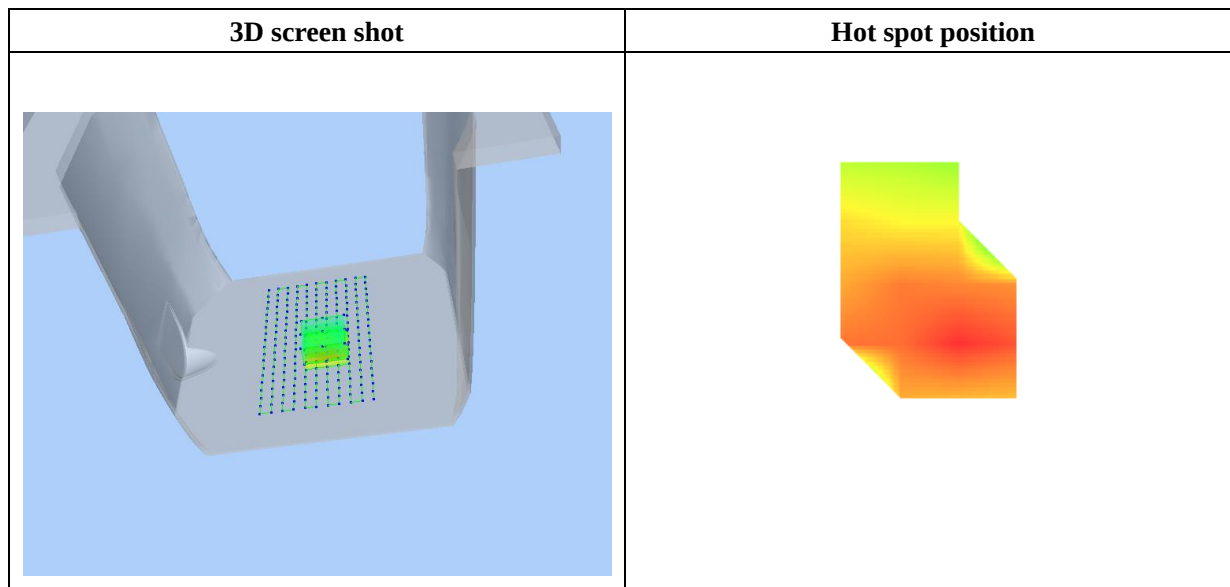
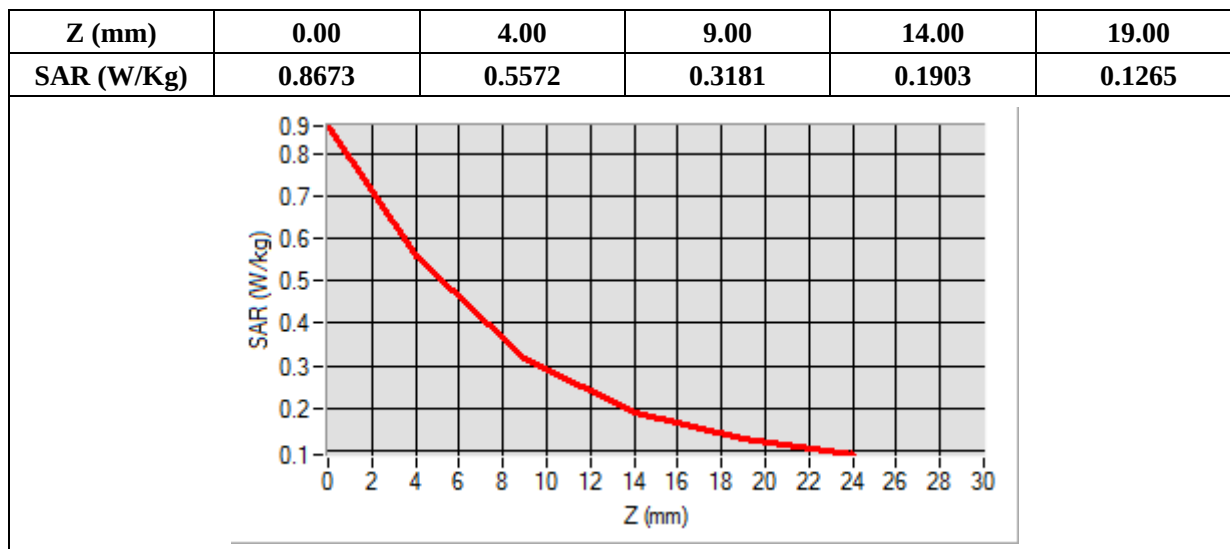
Frequency (MHz)	836.600000
Relative Permittivity (real part)	54.851214
Conductivity (S/m)	0.951454
Power Variation (%)	0.901472
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=8.00, Y=-16.00

SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.305039
SAR 1g (W/Kg)	0.529076



MEASUREMENT 81

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

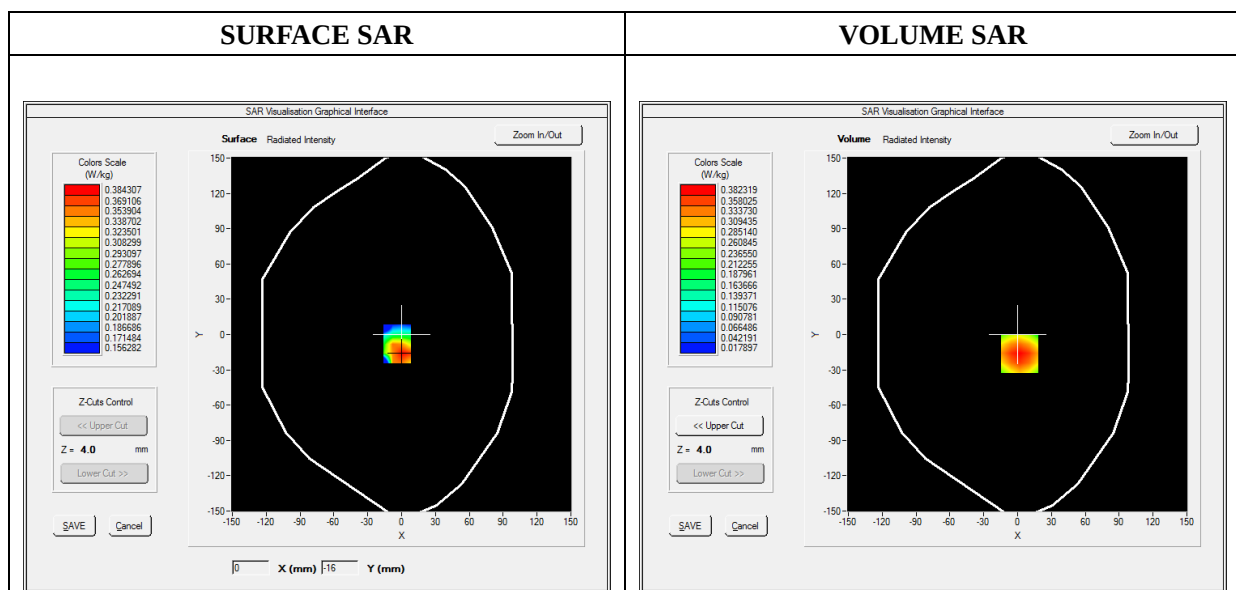
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front(Body-worn)
Band	GSM1900
Channels	High
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

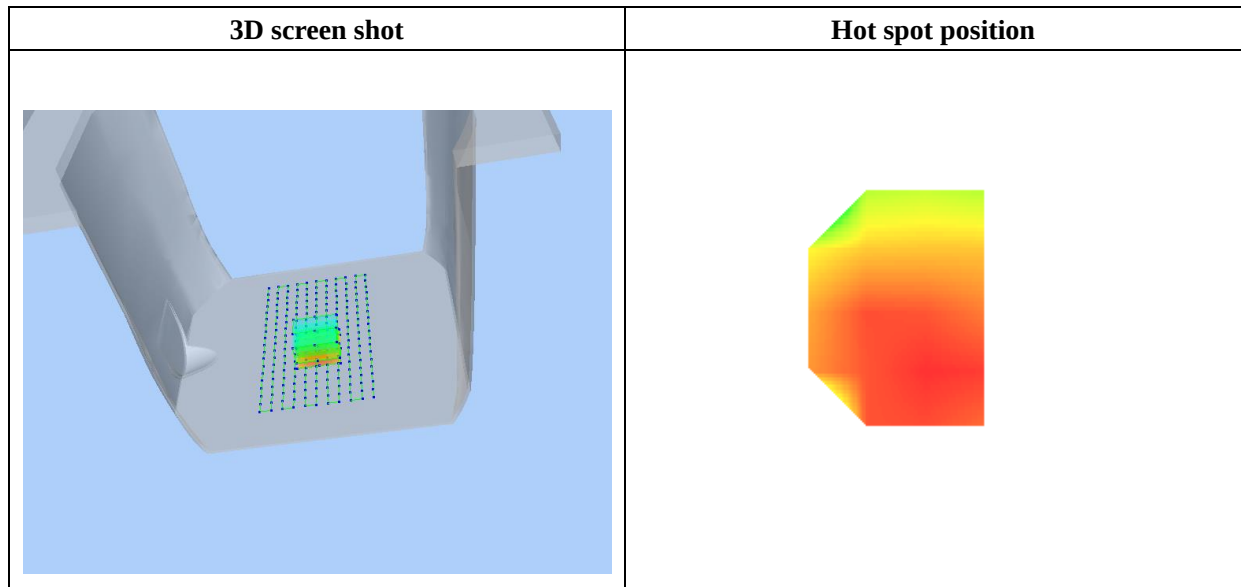
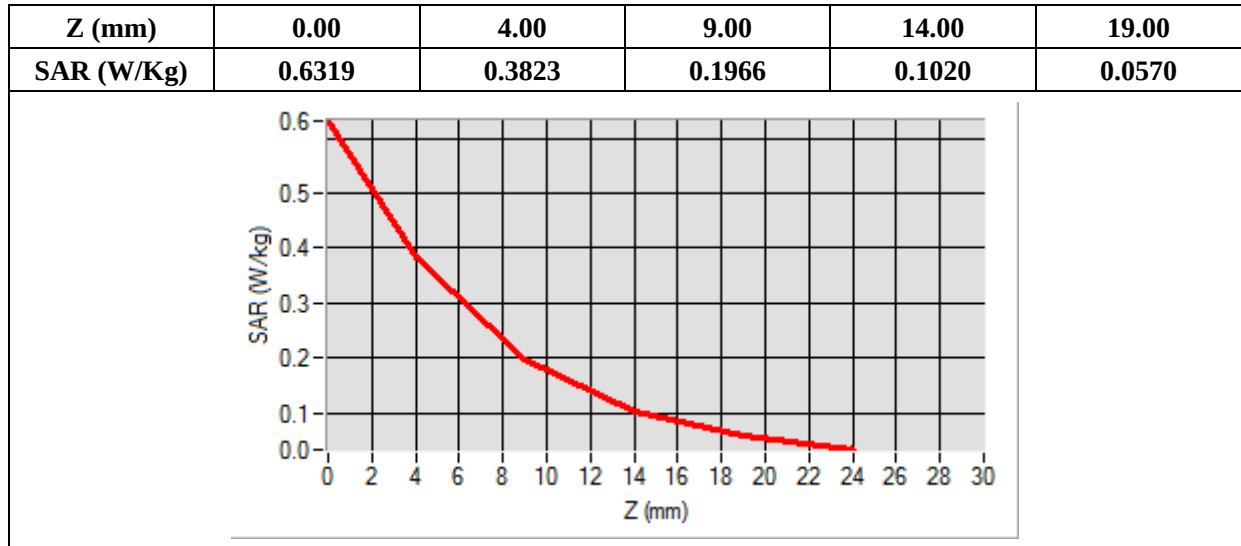
Frequency (MHz)	1909.800000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	1.474622
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=2.00, Y=-16.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.202201
SAR 1g (W/Kg)	0.365333



MEASUREMENT 83

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

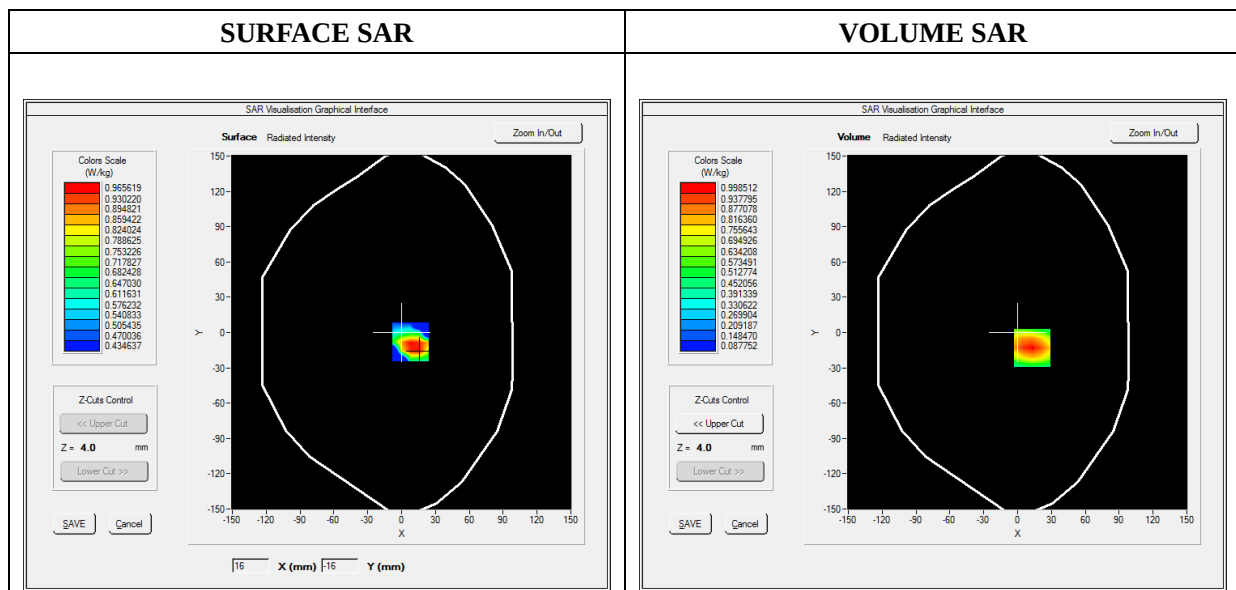
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 7.13; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat plane
Device Position	Front
Band	GPRS850_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

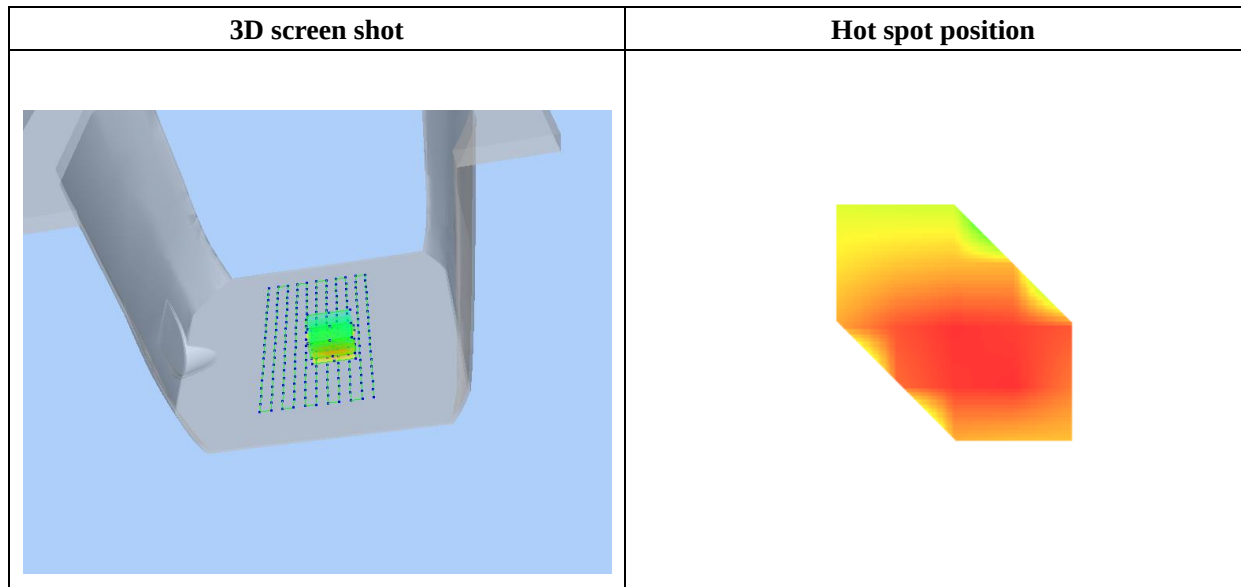
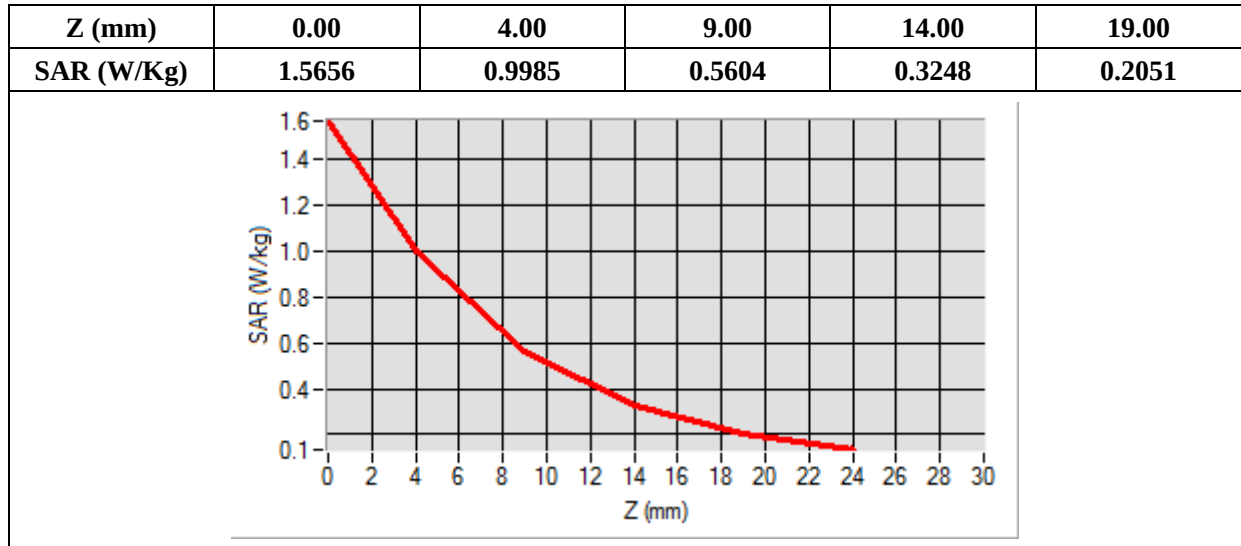
Frequency (MHz)	824.200000
Relative Permittivity (real part)	54.851214
Conductivity (S/m)	0.951454
Power Variation (%)	0.901472
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=13.00, Y=-13.00

SAR Peak: 1.57 W/kg

SAR 10g (W/Kg)	0.536525
SAR 1g (W/Kg)	0.949314



MEASUREMENT 91

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

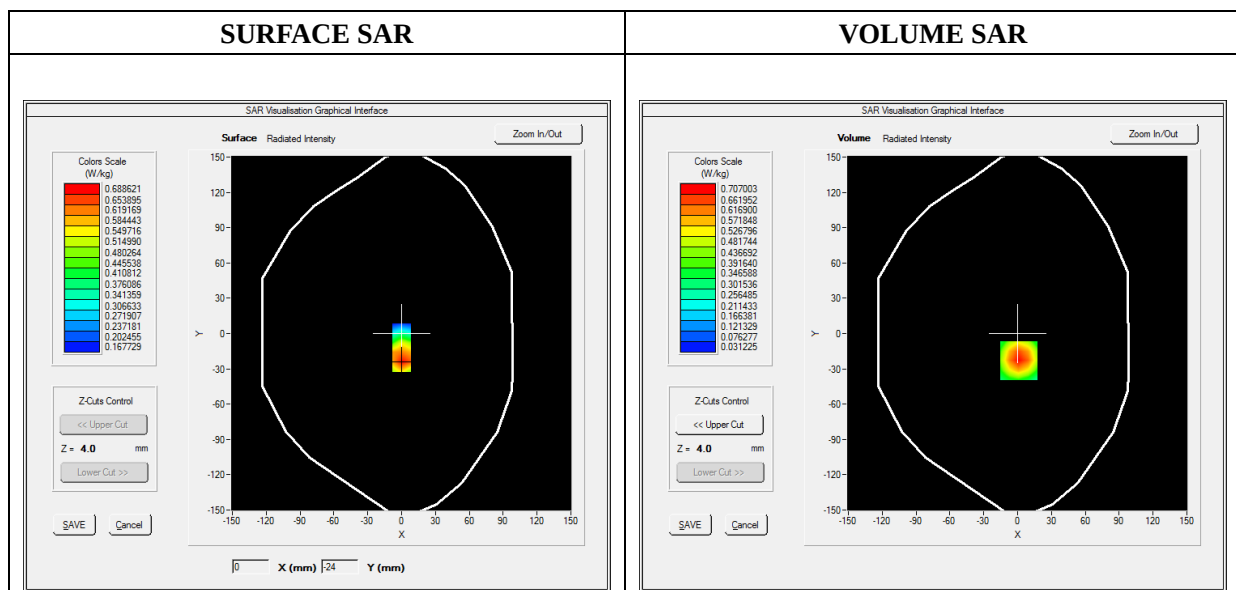
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat plane
Device Position	Right
Band	GPRS1900_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

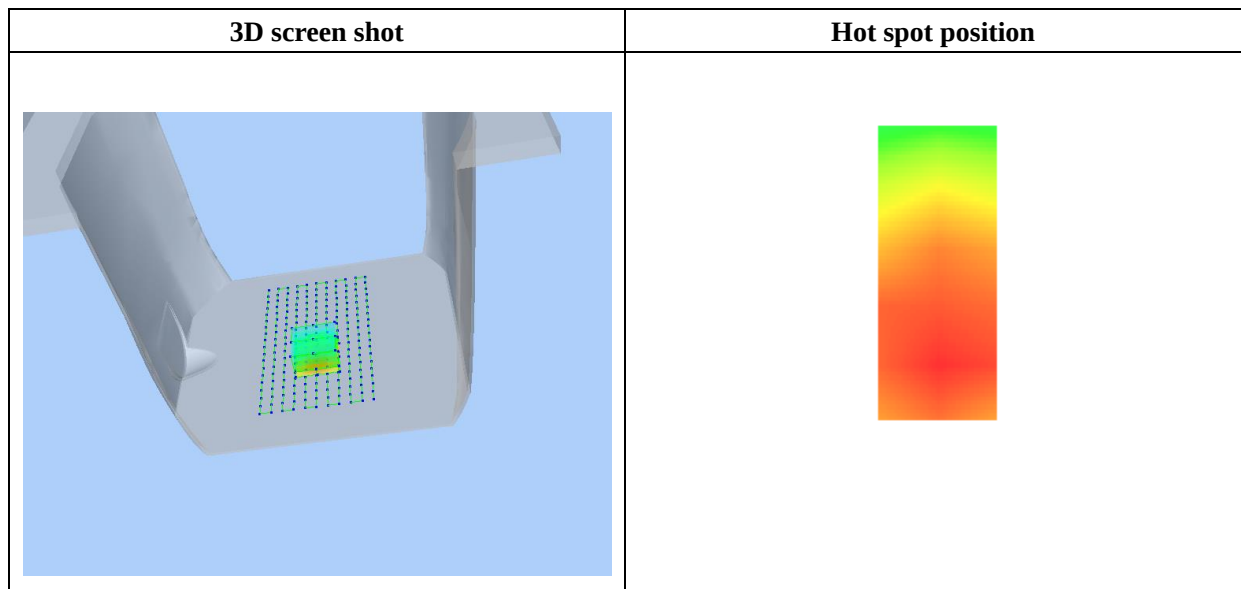
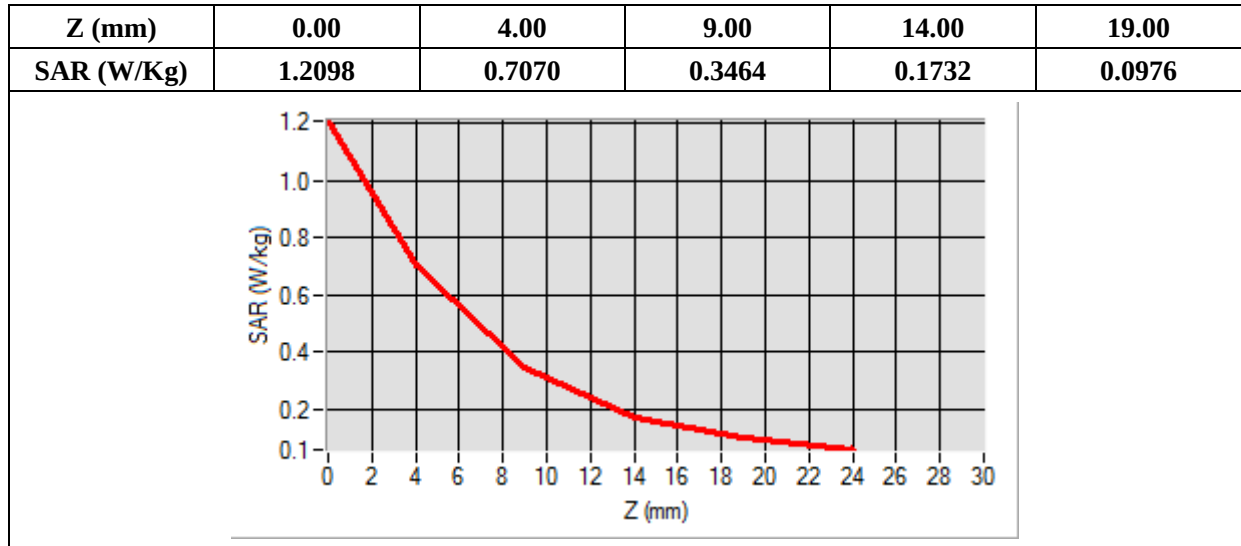
Frequency (MHz)	1850.200000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	2.483762
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=1.00, Y=-23.00

SAR Peak: 1.22 W/kg

SAR 10g (W/Kg)	0.350907
SAR 1g (W/Kg)	0.669362



MEASUREMENT 93

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

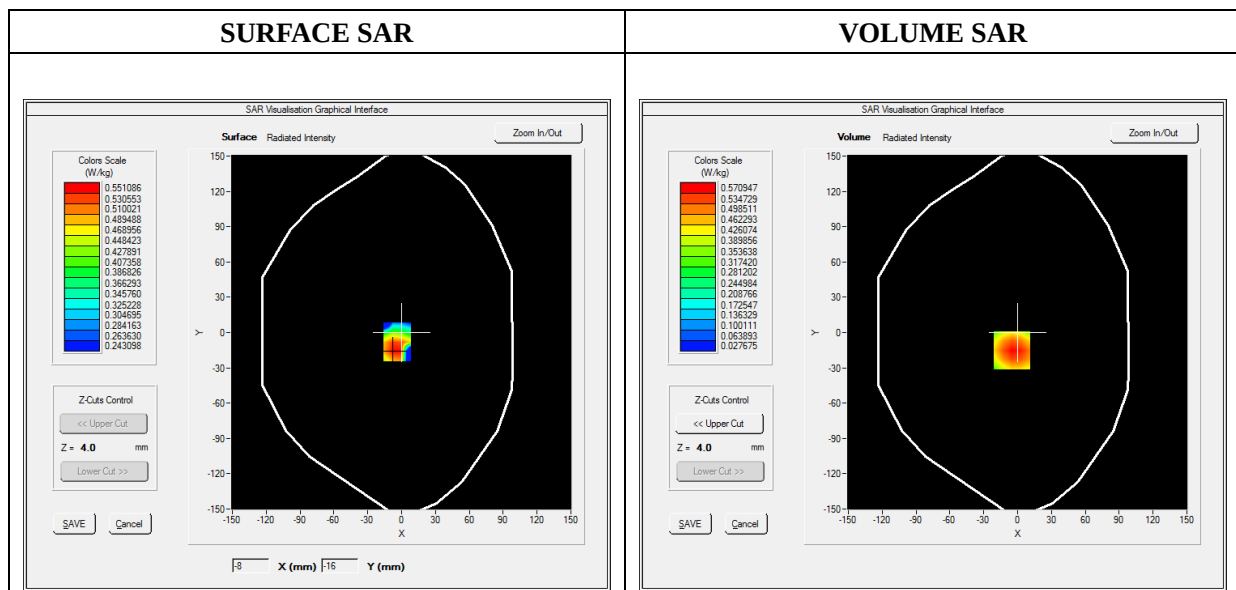
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front
Band	WCDMA1900_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

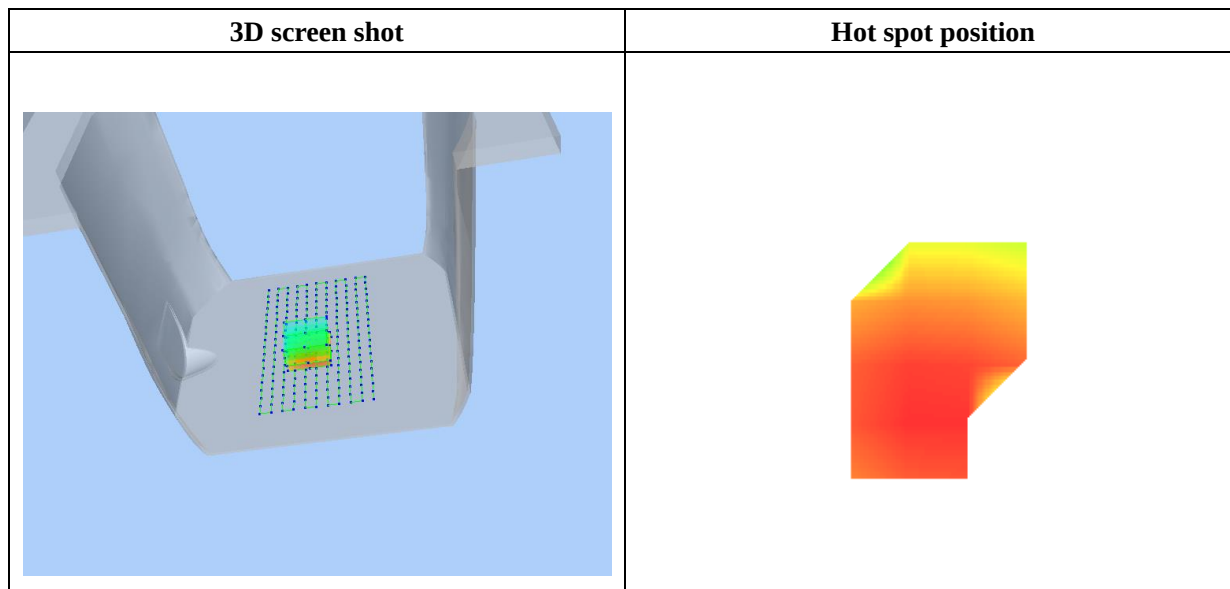
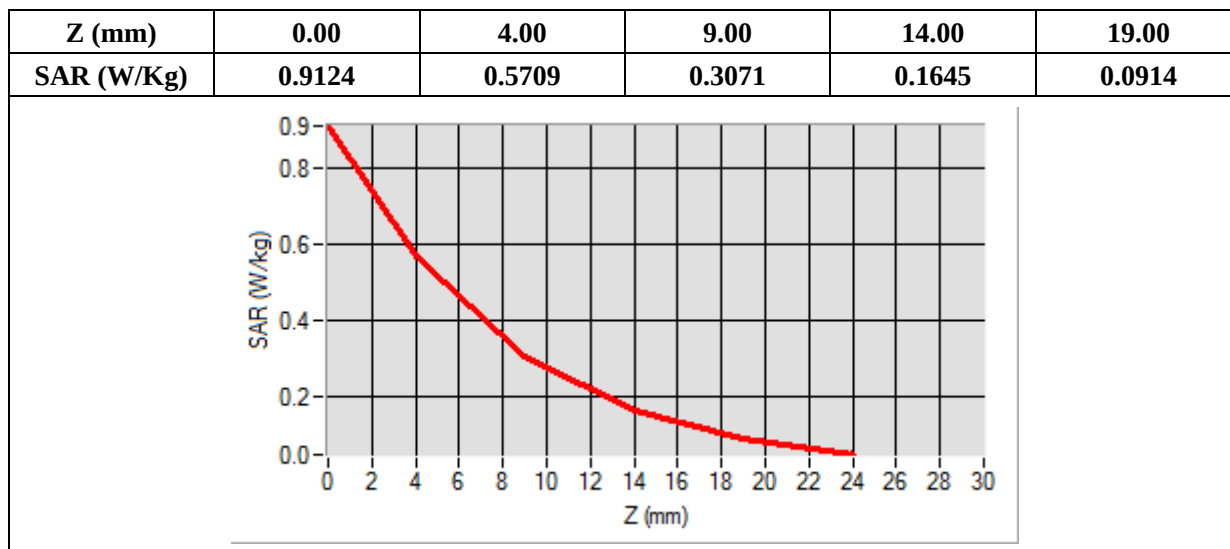
Frequency (MHz)	1852.400000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	1.772511
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.308633
SAR 1g (W/Kg)	0.544627



MEASUREMENT 95

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

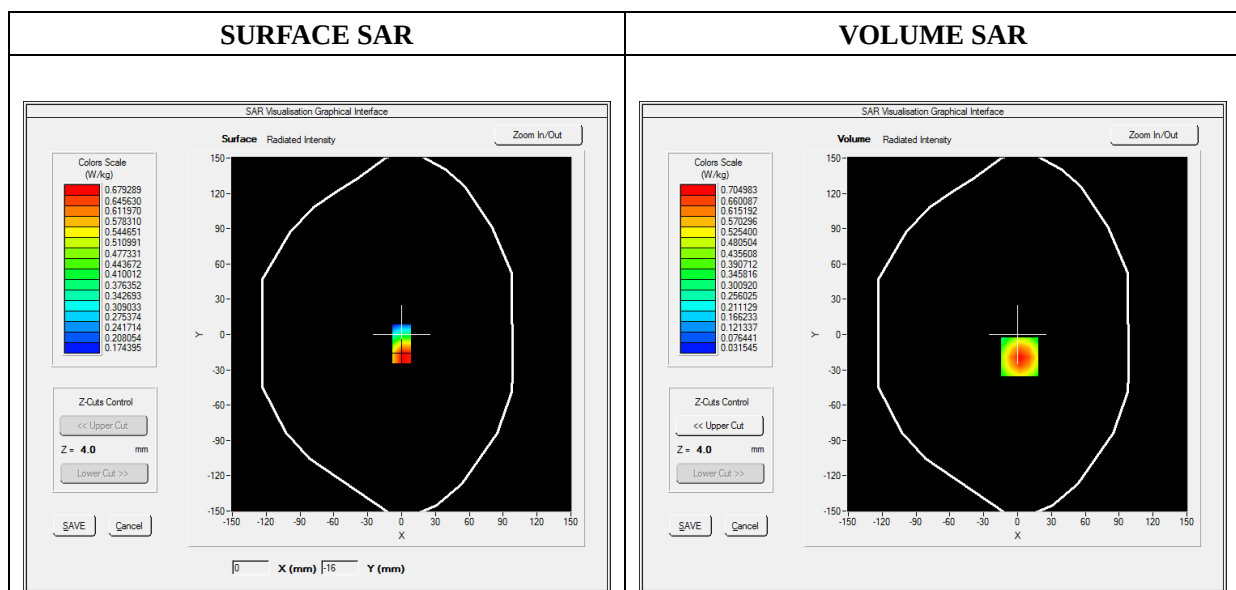
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Right
Band	WCDMA1900_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

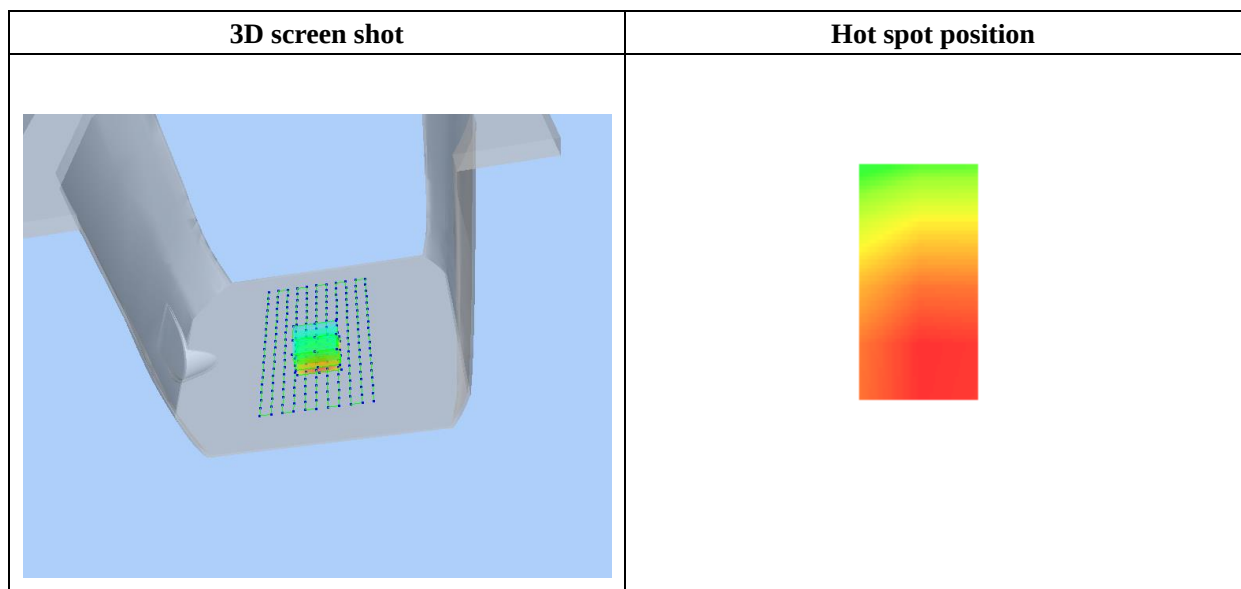
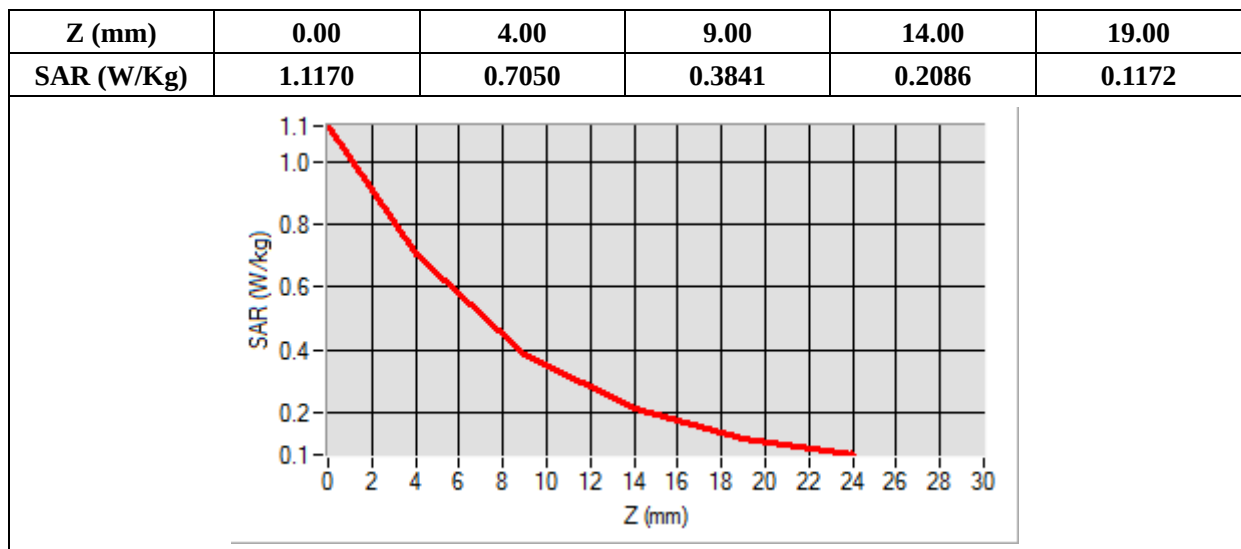
Frequency (MHz)	1852.400000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	1.789272
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=2.00, Y=-19.00

SAR Peak: 1.12 W/kg

SAR 10g (W/Kg)	0.366488
SAR 1g (W/Kg)	0.666064



MEASUREMENT 97

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

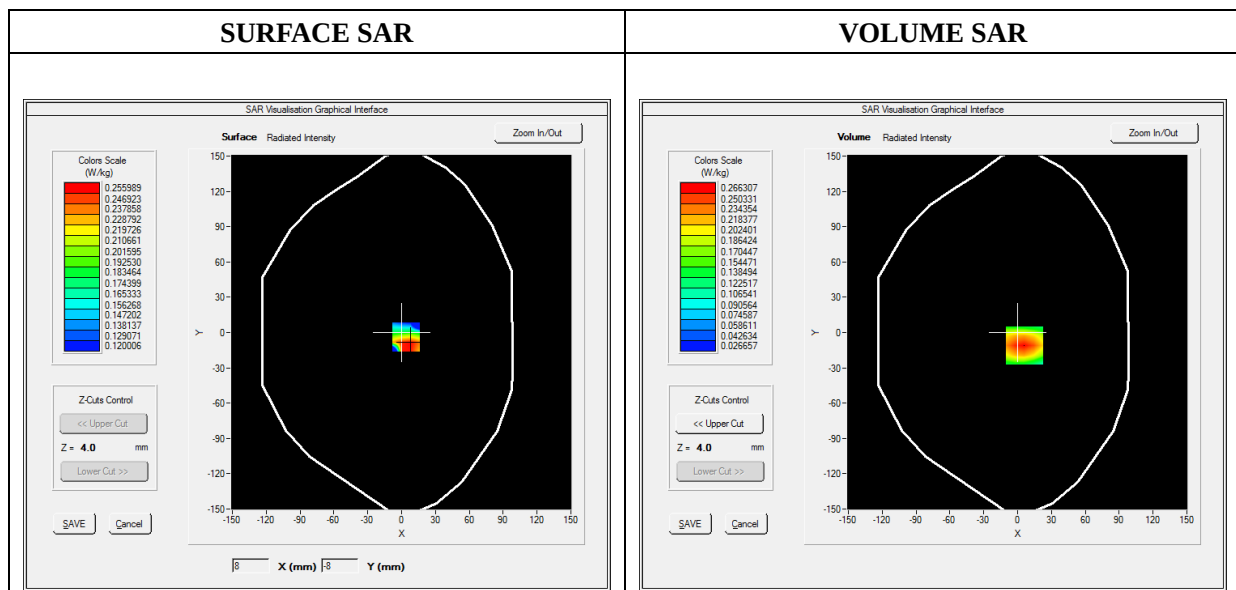
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 7.13; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front
Band	WCDMA850_RMC
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

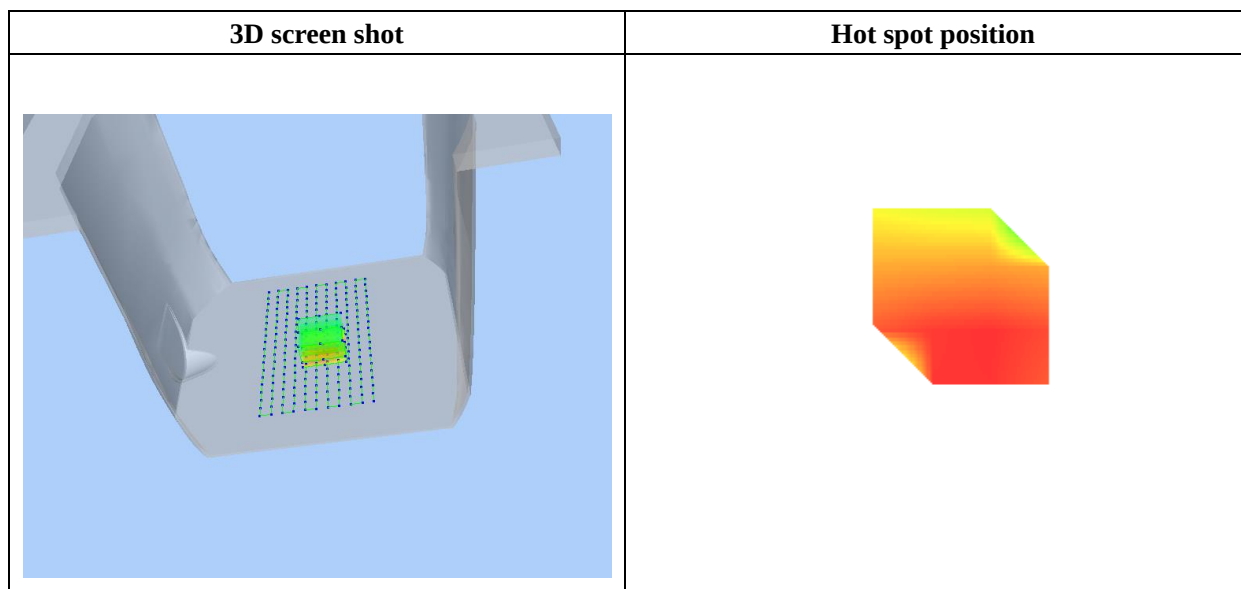
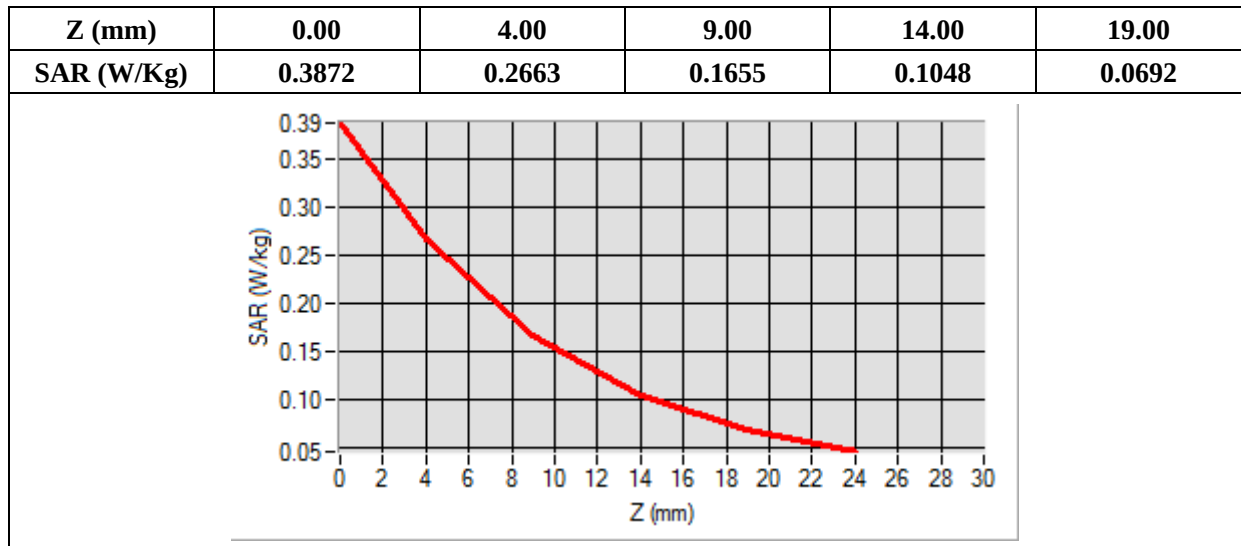
Frequency (MHz)	846.600000
Relative Permittivity (real part)	54.851214
Conductivity (S/m)	0.951454
Power Variation (%)	2.341234
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=6.00, Y=-11.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.151097
SAR 1g (W/Kg)	0.251087



MEASUREMENT 101

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

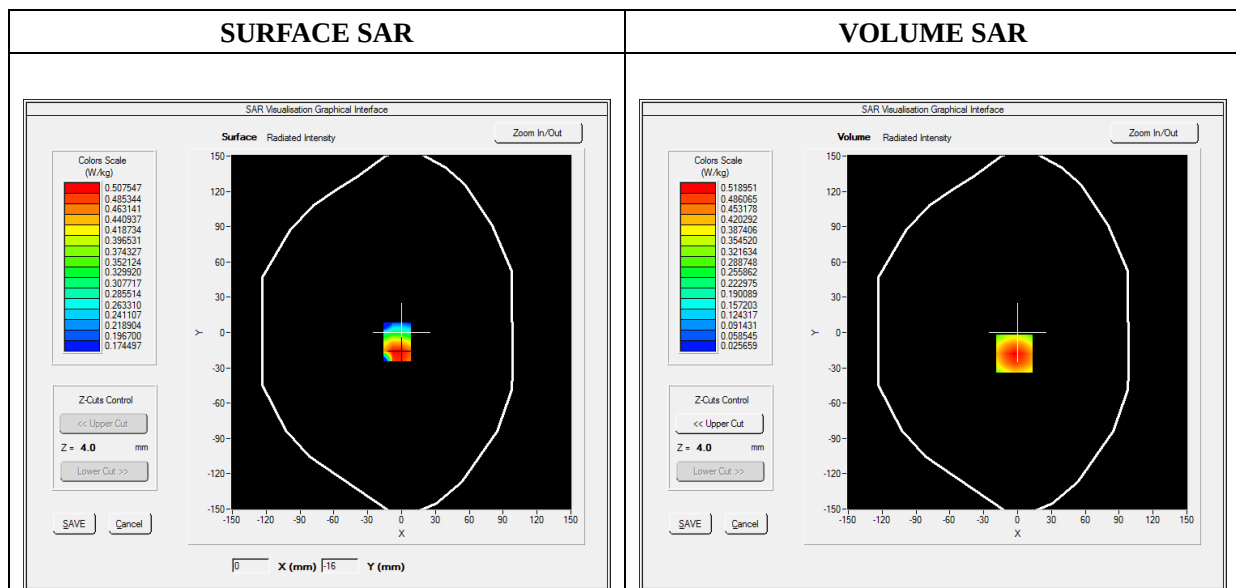
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB,Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

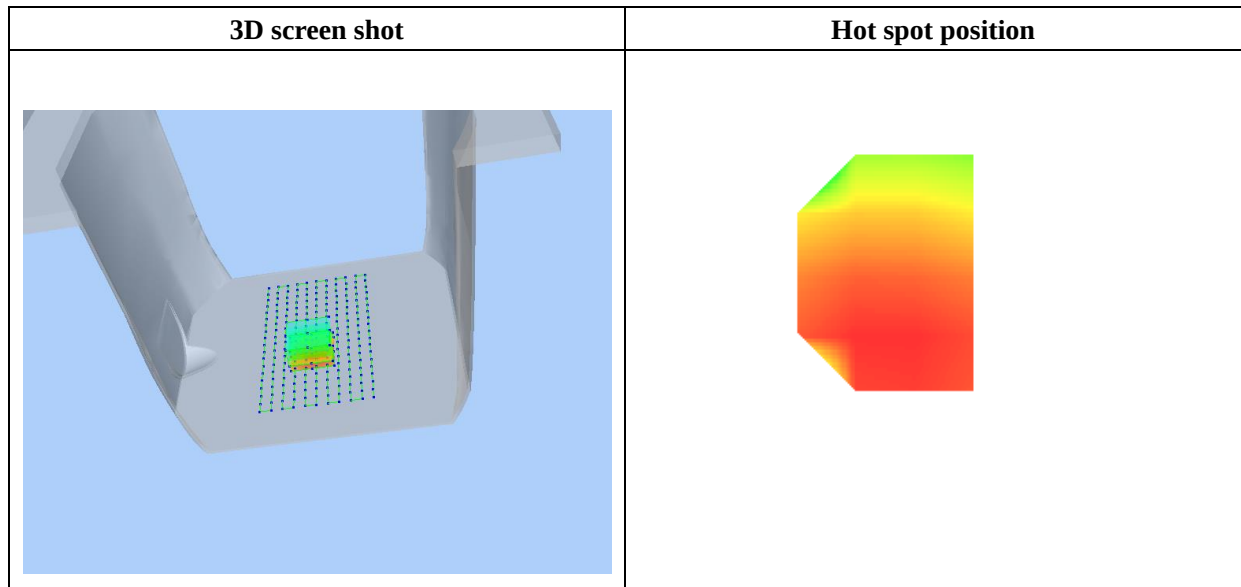
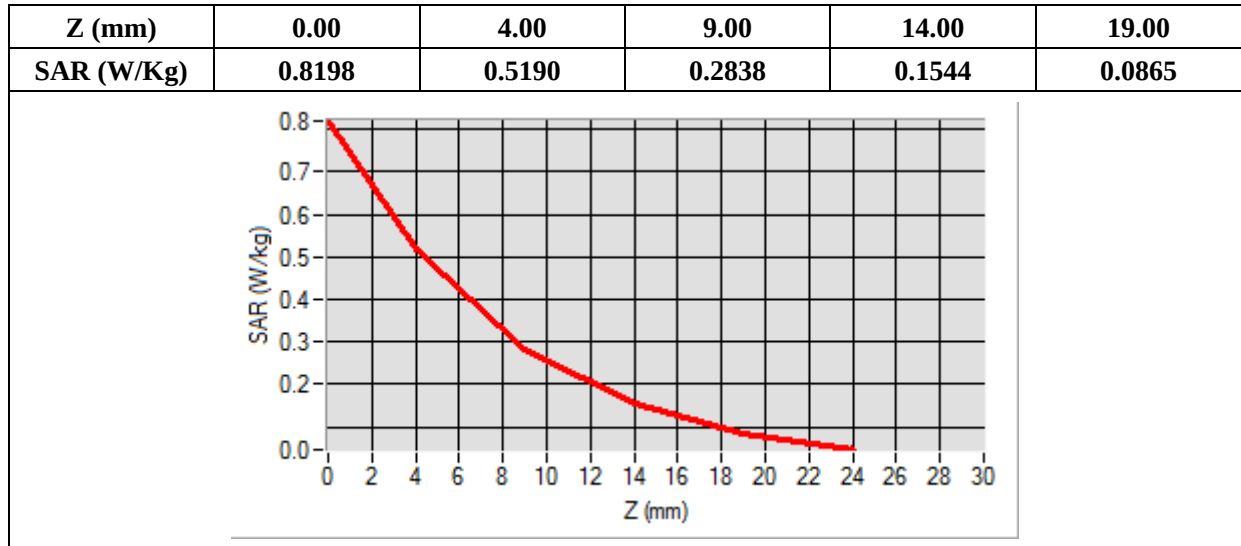
Frequency (MHz)	1860.000000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	1.508191
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=-3.00, Y=-18.00

SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.281425
SAR 1g (W/Kg)	0.494244



MEASUREMENT 103

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

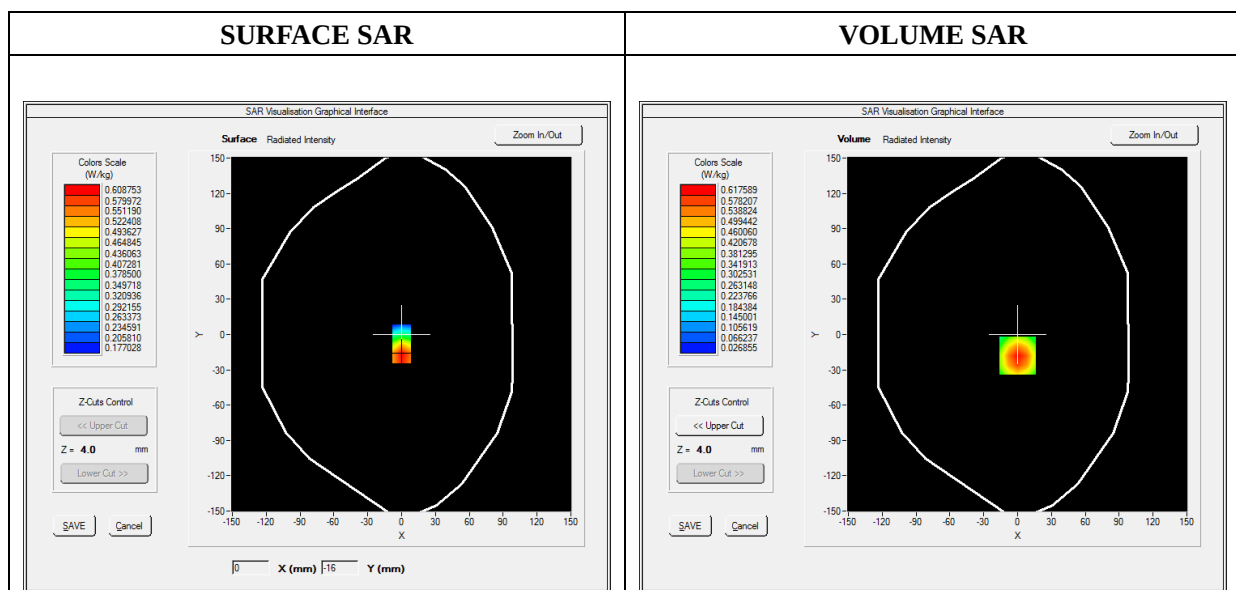
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.55; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Right
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB,Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

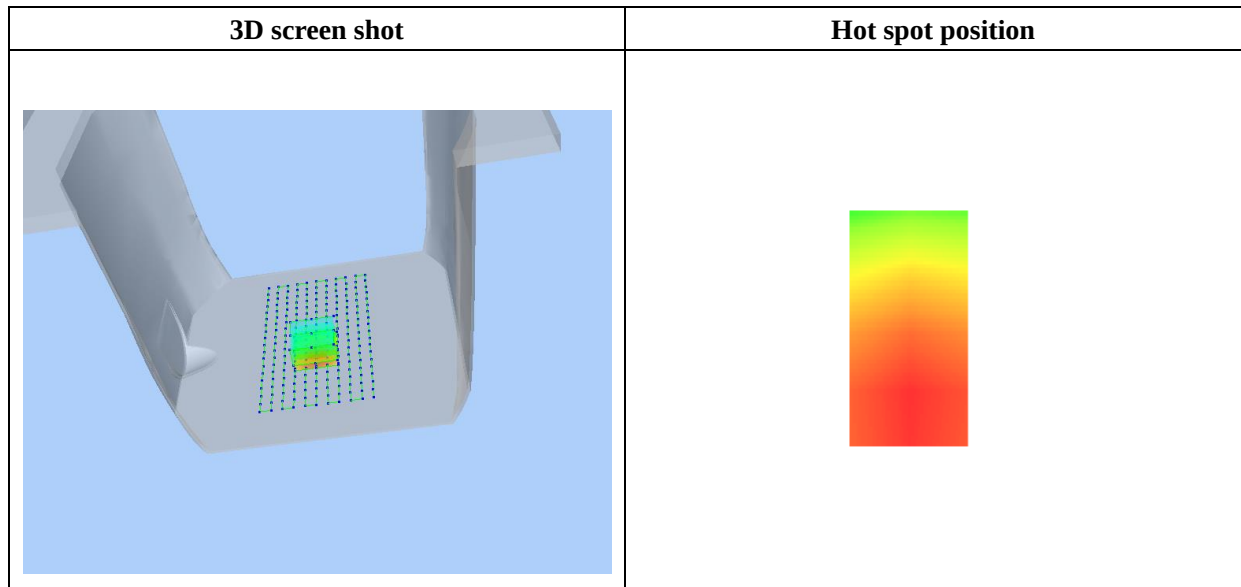
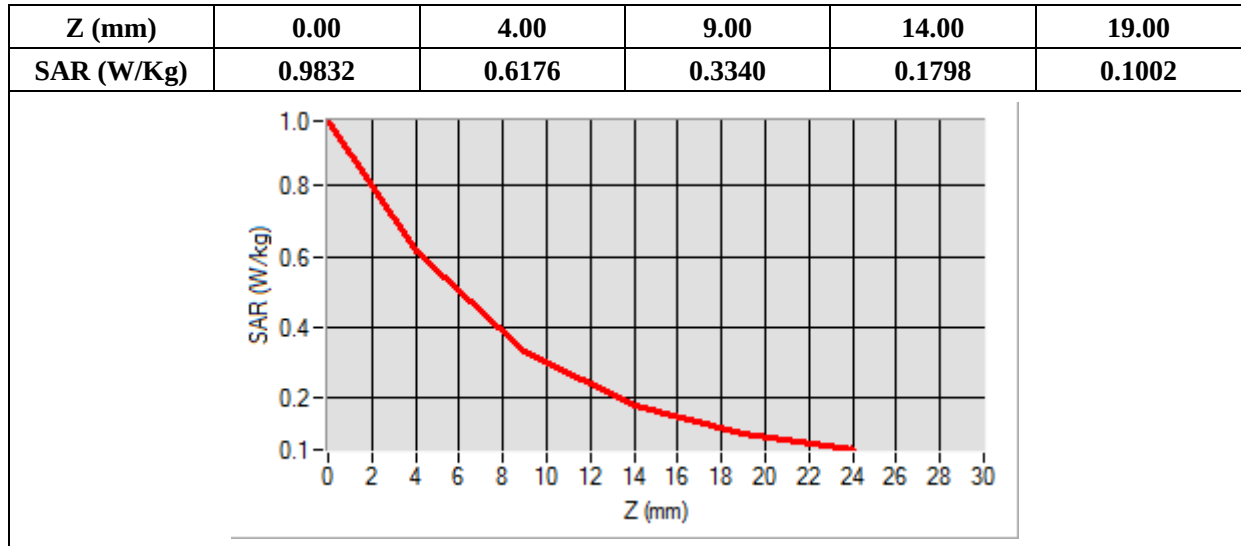
Frequency (MHz)	1860.000000
Relative Permittivity (real part)	52.420415
Conductivity (S/m)	1.501966
Power Variation (%)	1.523573
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=0.00, Y=-18.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.320340
SAR 1g (W/Kg)	0.583321



MEASUREMENT 109

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

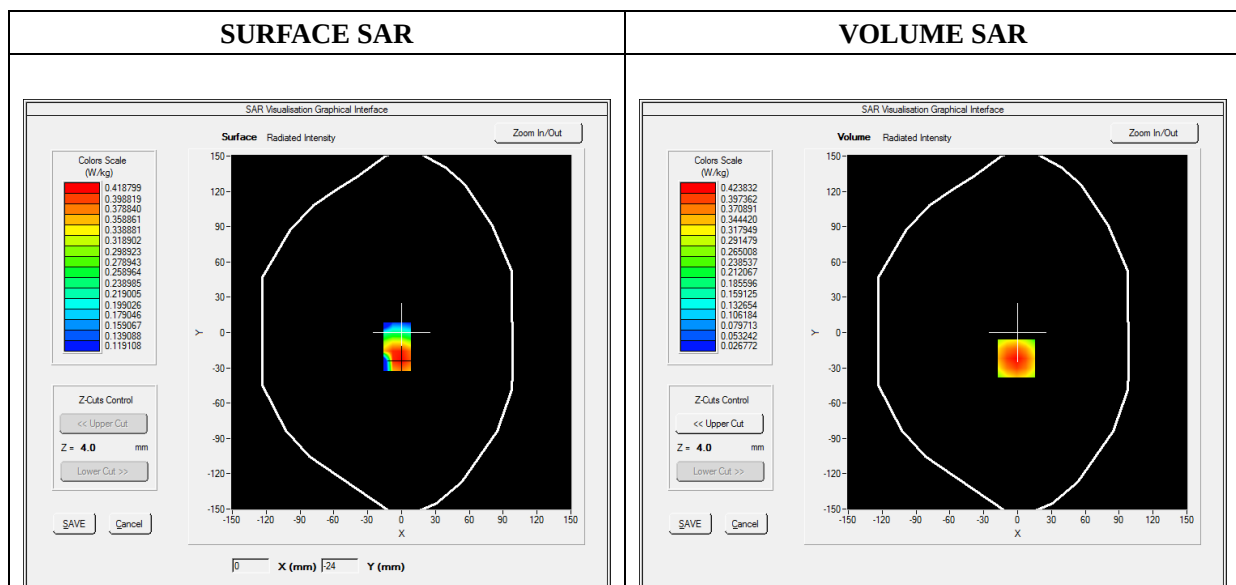
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.06; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 4
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

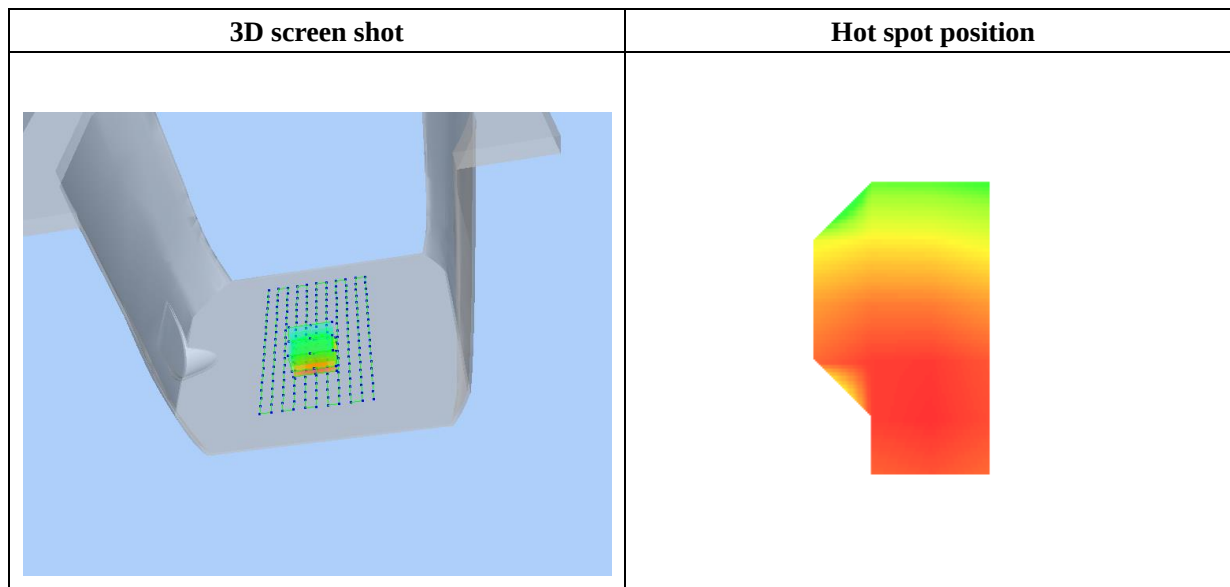
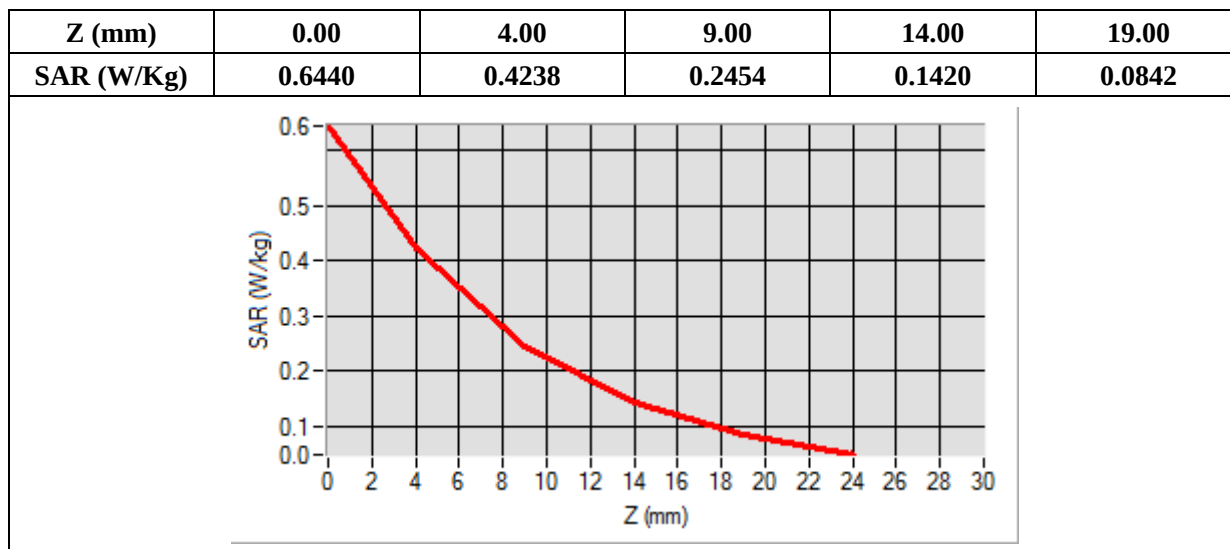
Frequency (MHz)	1720.000000
Relative Permittivity (real part)	51.220432
Conductivity (S/m)	1.460124
Power Variation (%)	0.858383
Ambient Temperature	21.1
Liquid Temperature	21.2



Maximum location: X=-1.00, Y=-22.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.236560
SAR 1g (W/Kg)	0.402870



MEASUREMENT 117

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

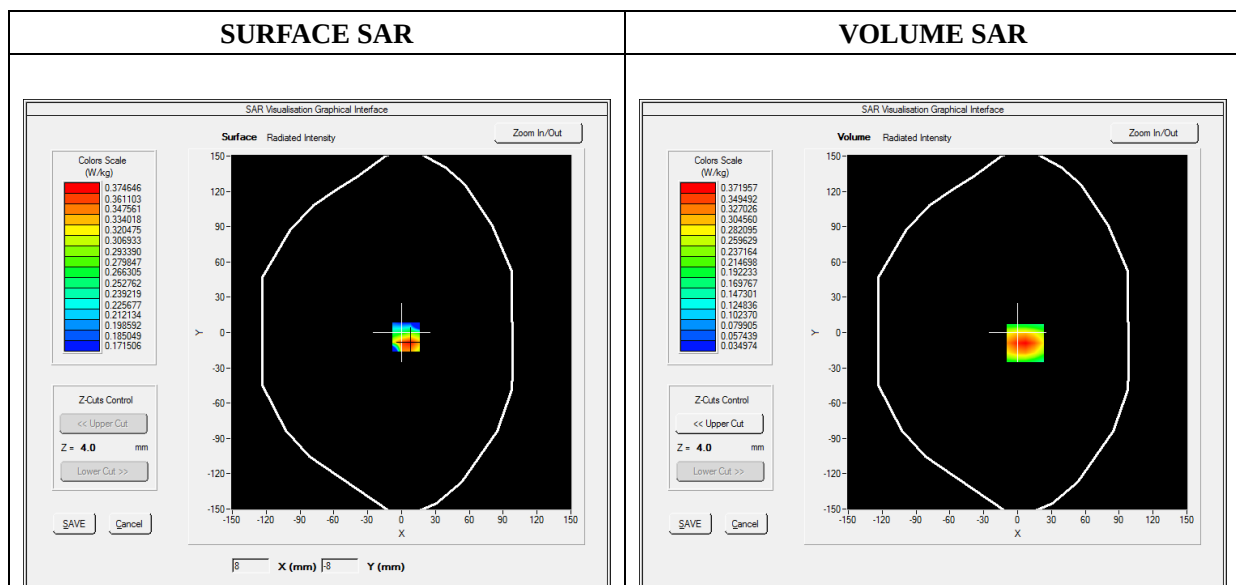
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 7.13; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 5
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

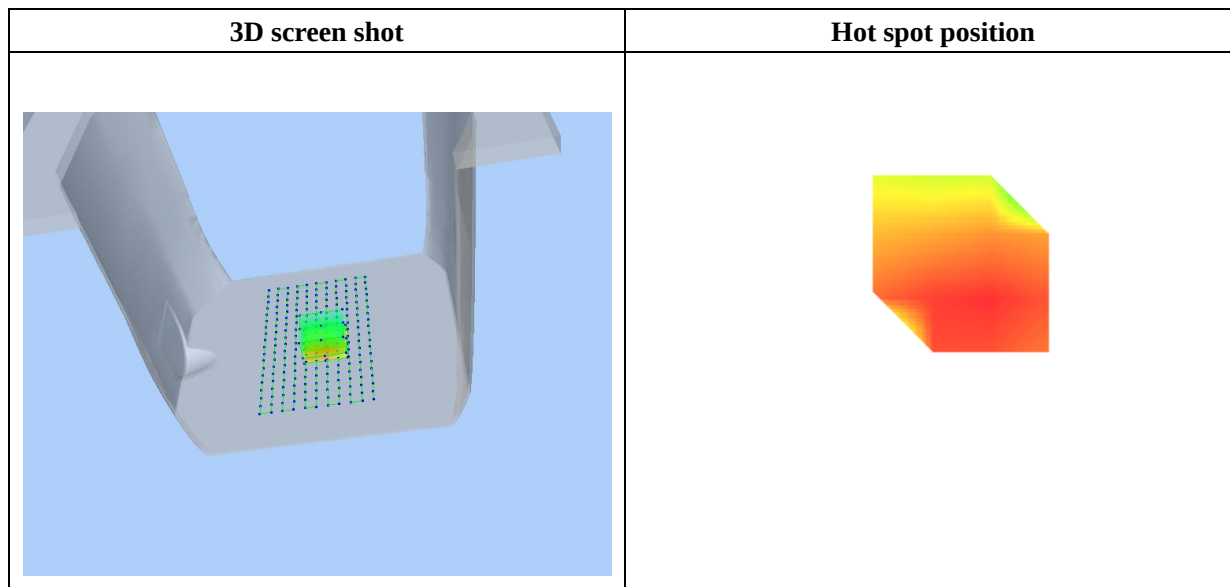
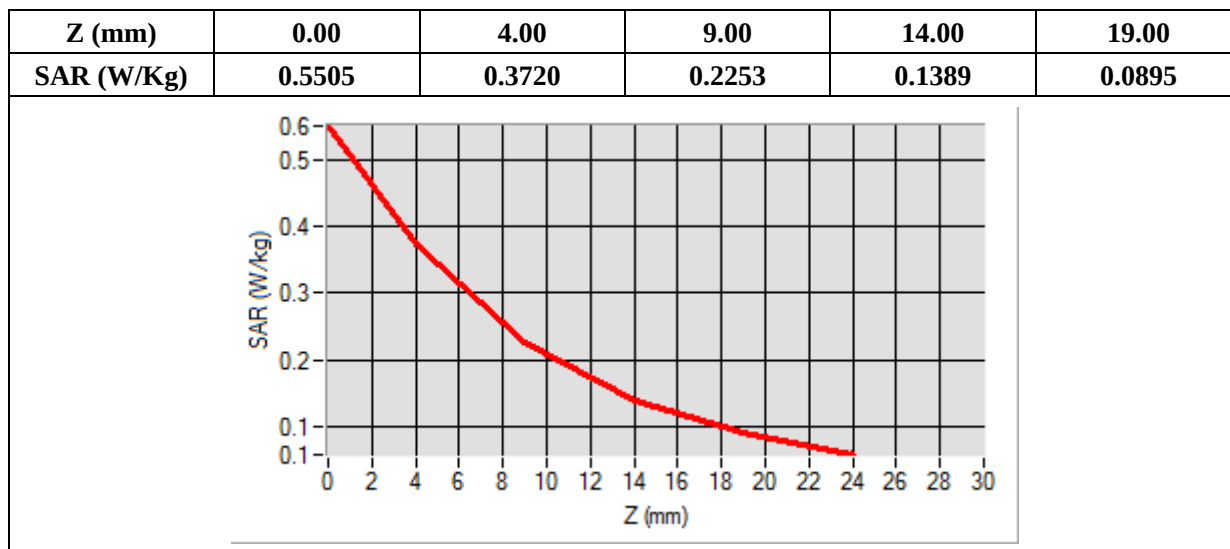
Frequency (MHz)	829.000000
Relative Permittivity (real part)	54.851214
Conductivity (S/m)	0.951454
Power Variation (%)	1.037332
Ambient Temperature	21.1
Liquid Temperature	21.2



Maximum location: X=7.00, Y=-9.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.207514
SAR 1g (W/Kg)	0.352365



MEASUREMENT 127

Type: Phone measurement (Complete)

Date of measurement: 10/17/2018

Measurement duration: 12 minutes 3 seconds

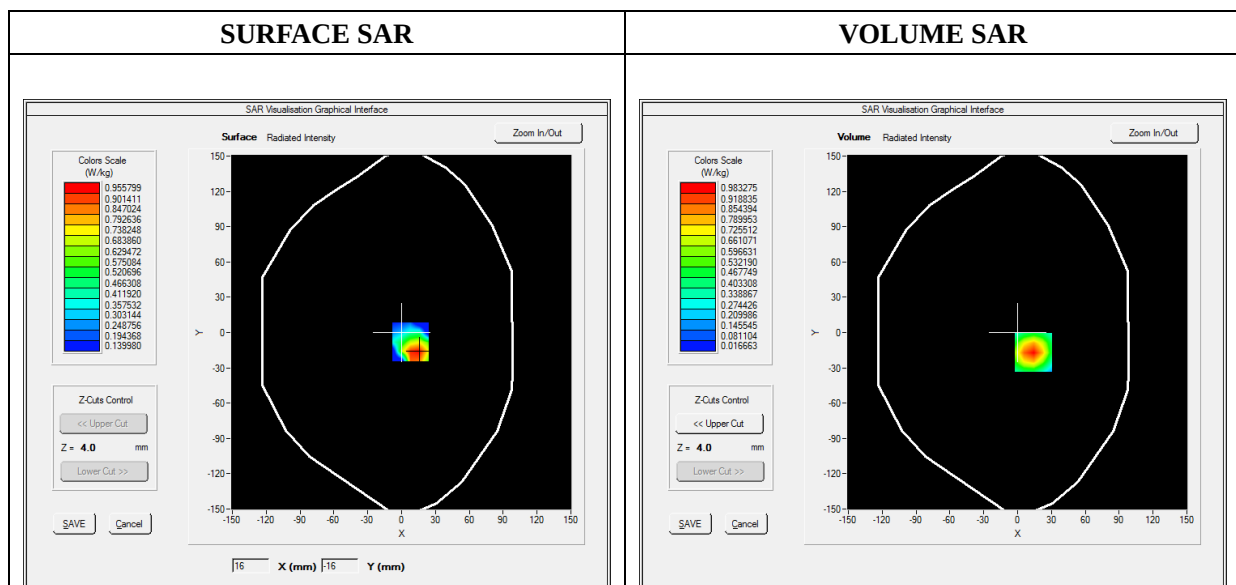
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.58; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 7
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

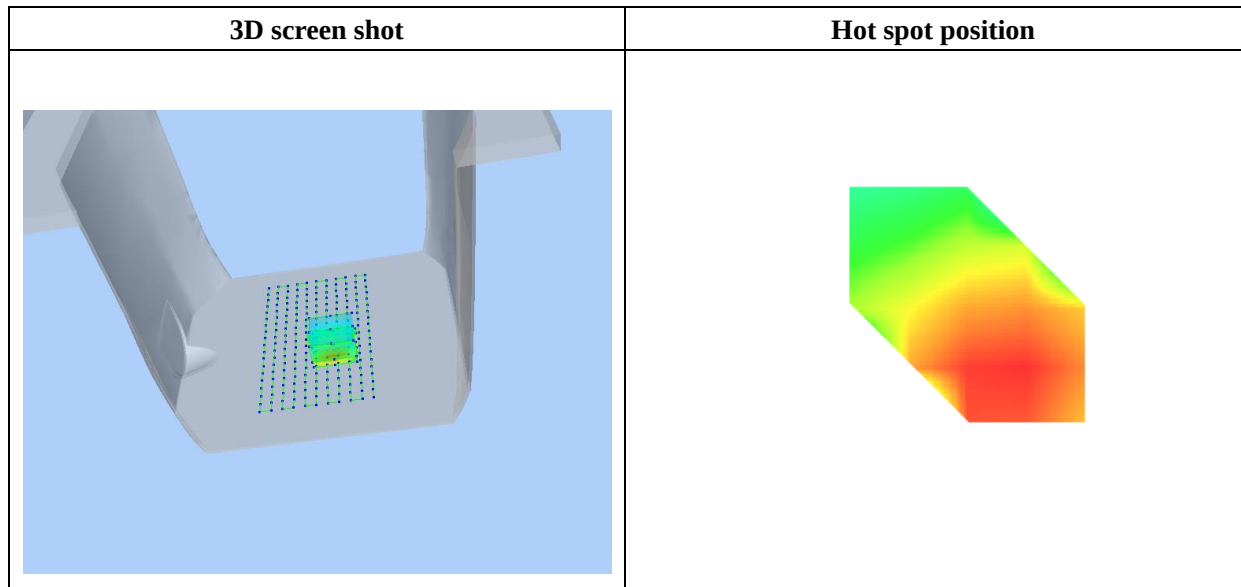
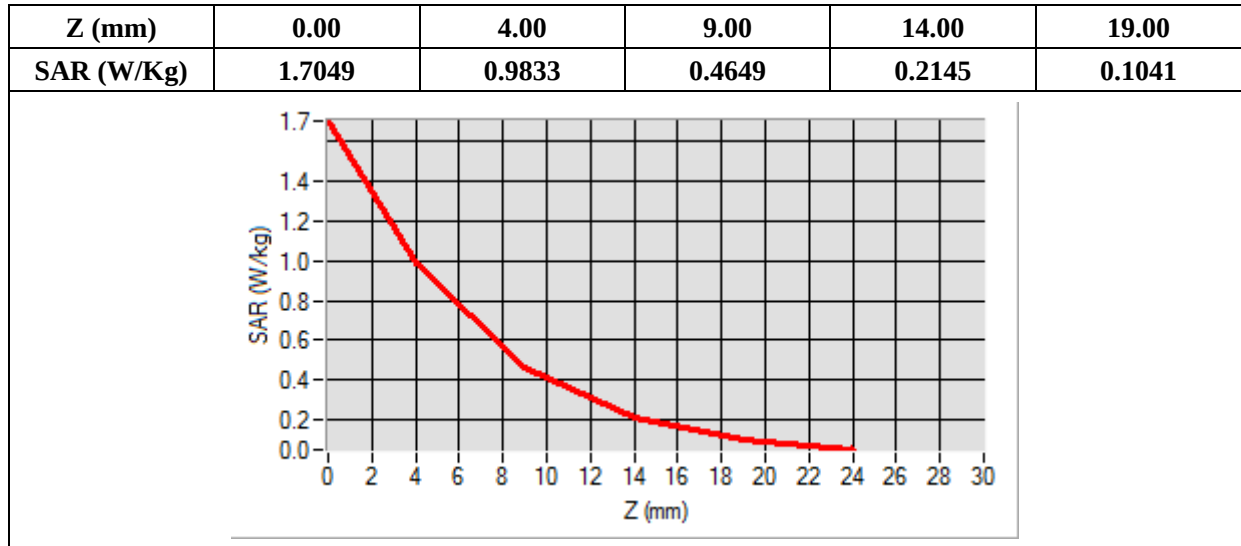
Frequency (MHz)	2560.000000
Relative Permittivity (real part)	52.241202
Conductivity (S/m)	2.120943
Power Variation (%)	3.124788
Ambient Temperature	21.1
Liquid Temperature	21.2



Maximum location: X=14.00, Y=-17.00

SAR Peak: 1.71 W/kg

SAR 10g (W/Kg)	0.441911
SAR 1g (W/Kg)	0.917776



MEASUREMENT 138

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

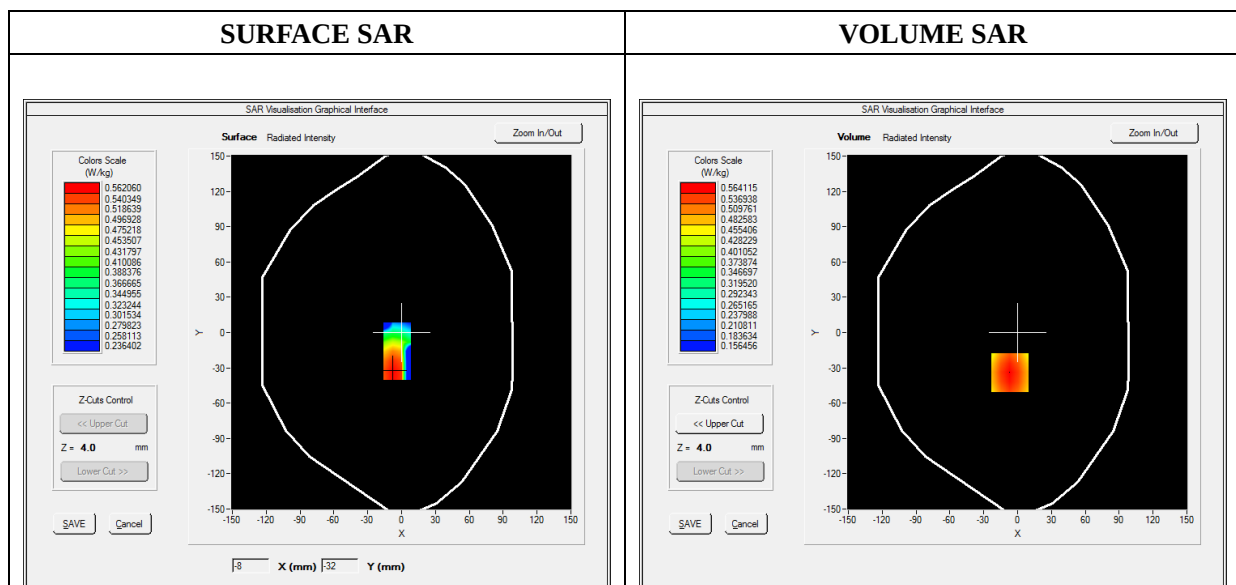
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 7.28; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 17
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

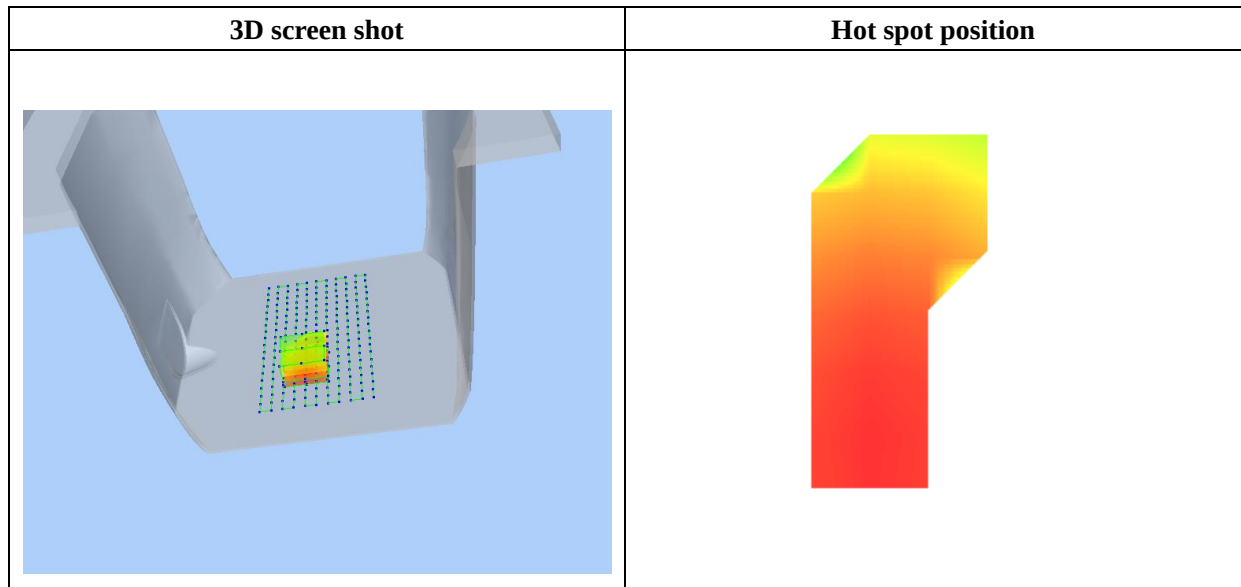
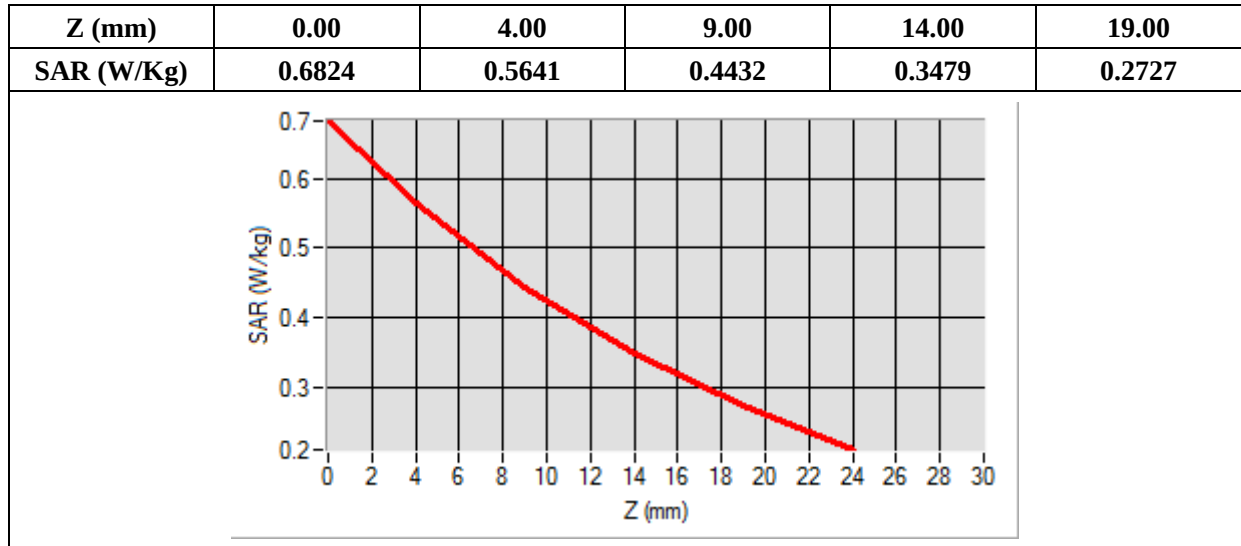
Frequency (MHz)	709.000000
Relative Permittivity (real part)	54.964739
Conductivity (S/m)	0.931048
Power Variation (%)	3.672346
Ambient Temperature	21.1
Liquid Temperature	21.2



Maximum location: X=-7.00, Y=-34.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.431354
SAR 1g (W/Kg)	0.576966



MEASUREMENT 146

Type: Phone measurement (Complete)

Date of measurement: 10/17/2018

Measurement duration: 12 minutes 3 seconds

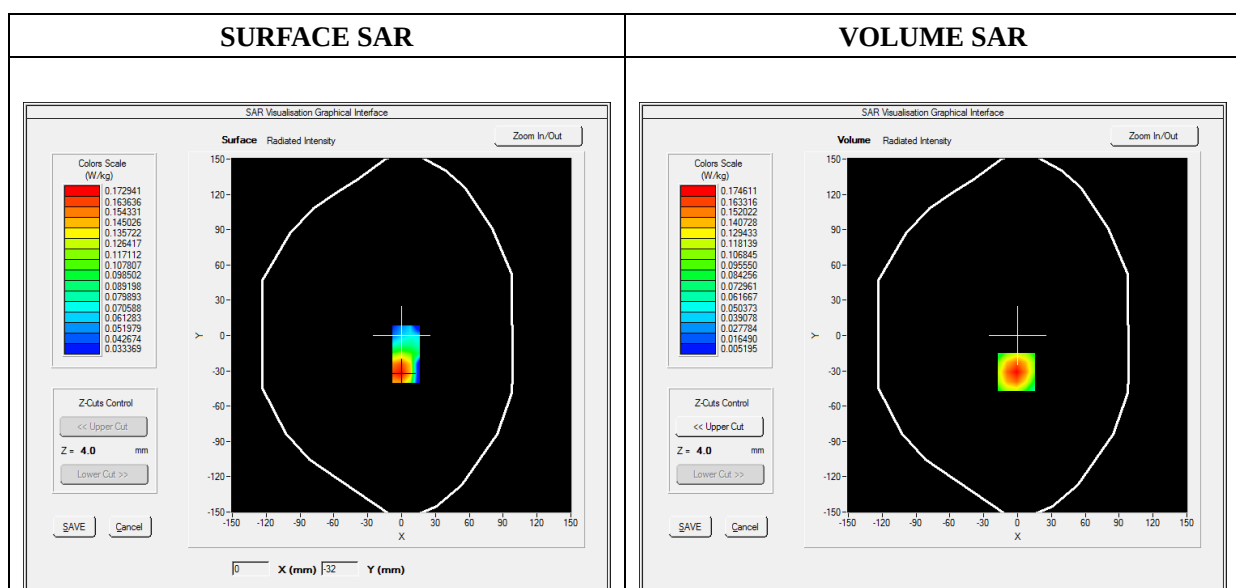
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 5.80; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi_802.11b
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

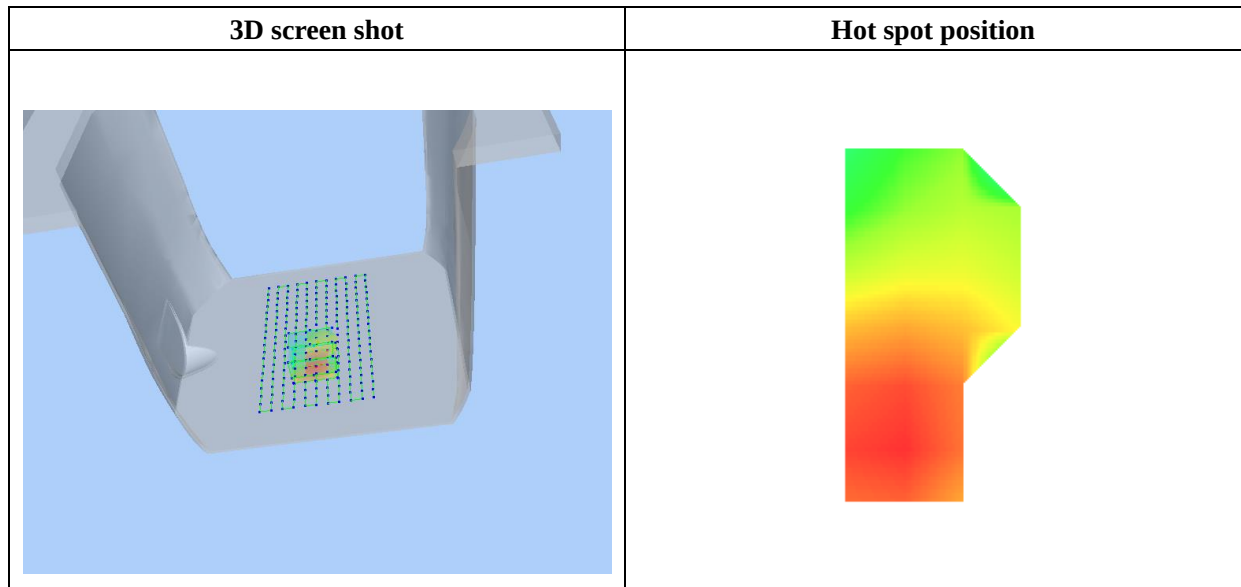
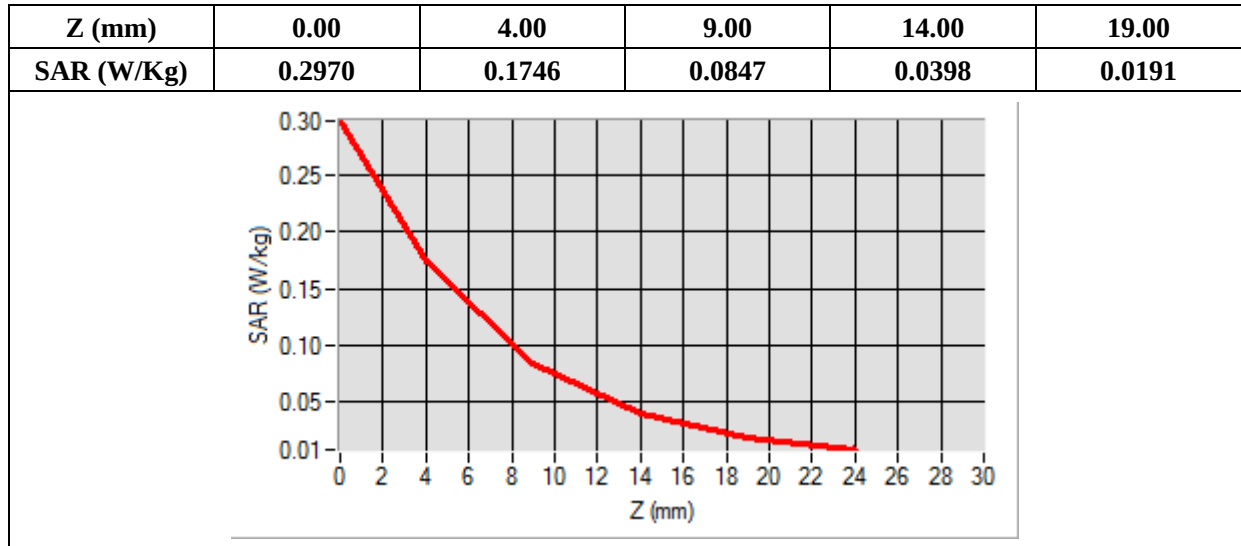
Frequency (MHz)	2412.000000
Relative Permittivity (real part)	52.010212
Conductivity (S/m)	1.910255
Power Variation (%)	2.492743
Ambient Temperature	21.1
Liquid Temperature	21.2



Maximum location: X=-1.00, Y=-31.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.084376
SAR 1g (W/Kg)	0.164723



MEASUREMENT 150

Type: Phone measurement (Complete)

Date of measurement: 10/15/2018

Measurement duration: 12 minutes 3 seconds

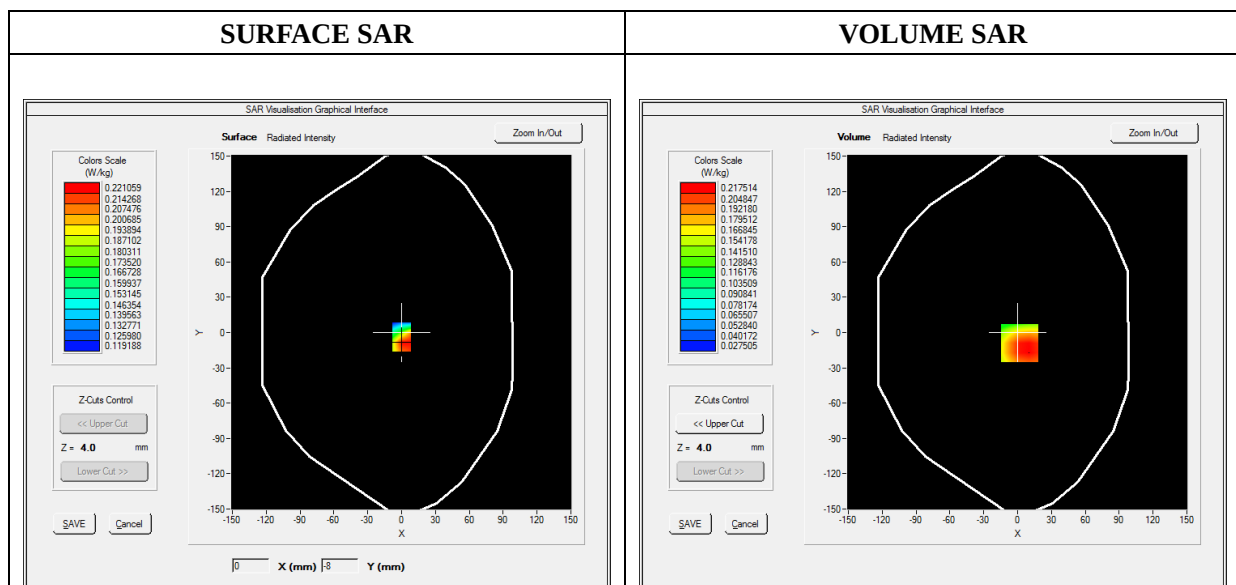
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.93; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front
Band	GPRS850_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

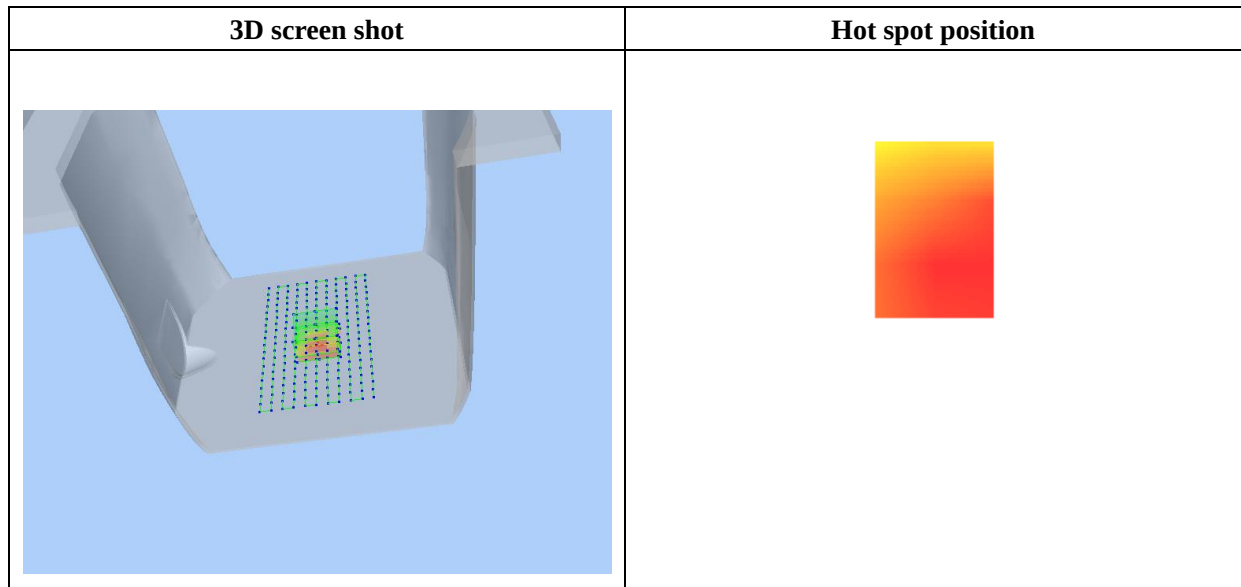
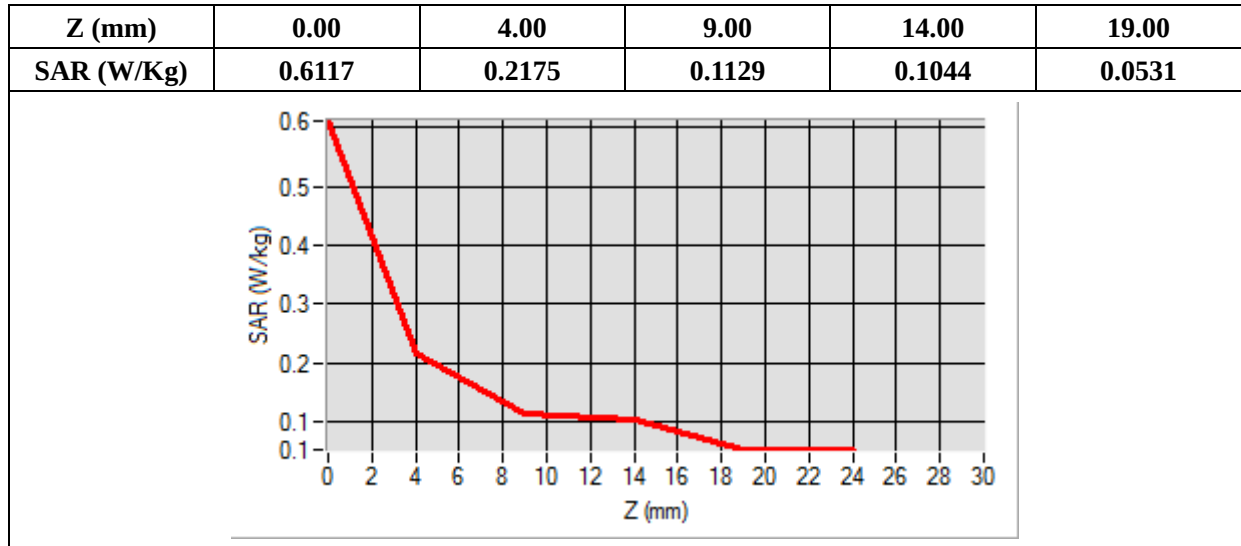
Frequency (MHz)	824.200000
Relative Permittivity (real part)	41.110245
Conductivity (S/m)	0.871245
Power Variation (%)	1.502922
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=2.00, Y=-9.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.142861
SAR 1g (W/Kg)	0.213991



MEASUREMENT 151

Type: Phone measurement (Complete)

Date of measurement: 10/16/2018

Measurement duration: 12 minutes 3 seconds

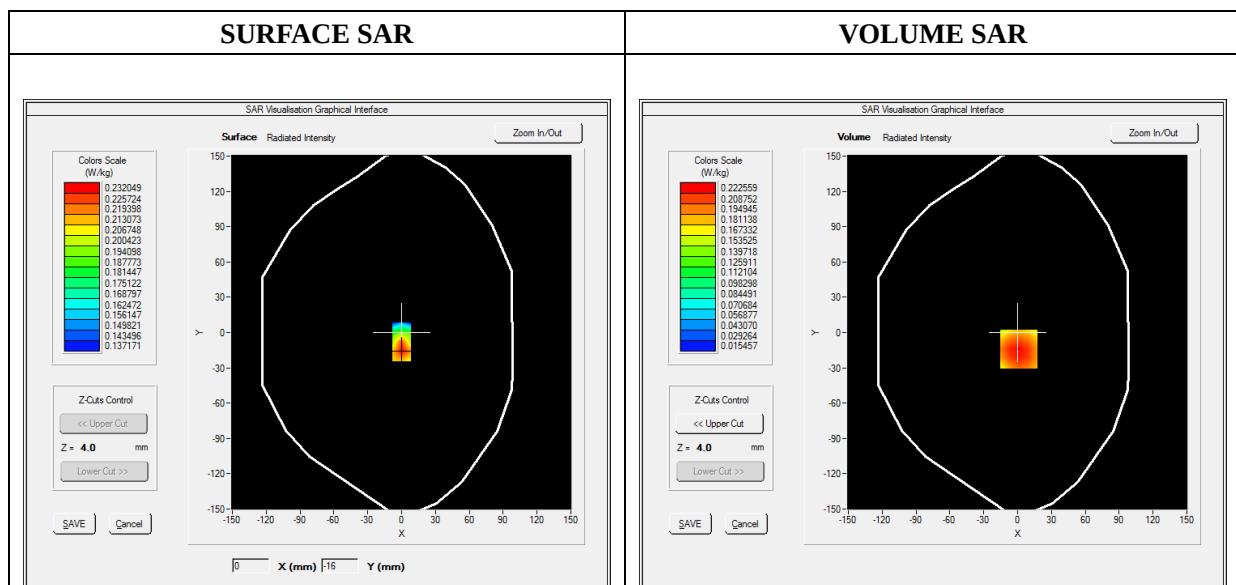
E-field Probe: SSE5 - SN 09/13 EP168; ConvF: 6.35; Calibrated: 06/01/2018

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front
Band	GPRS1900_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

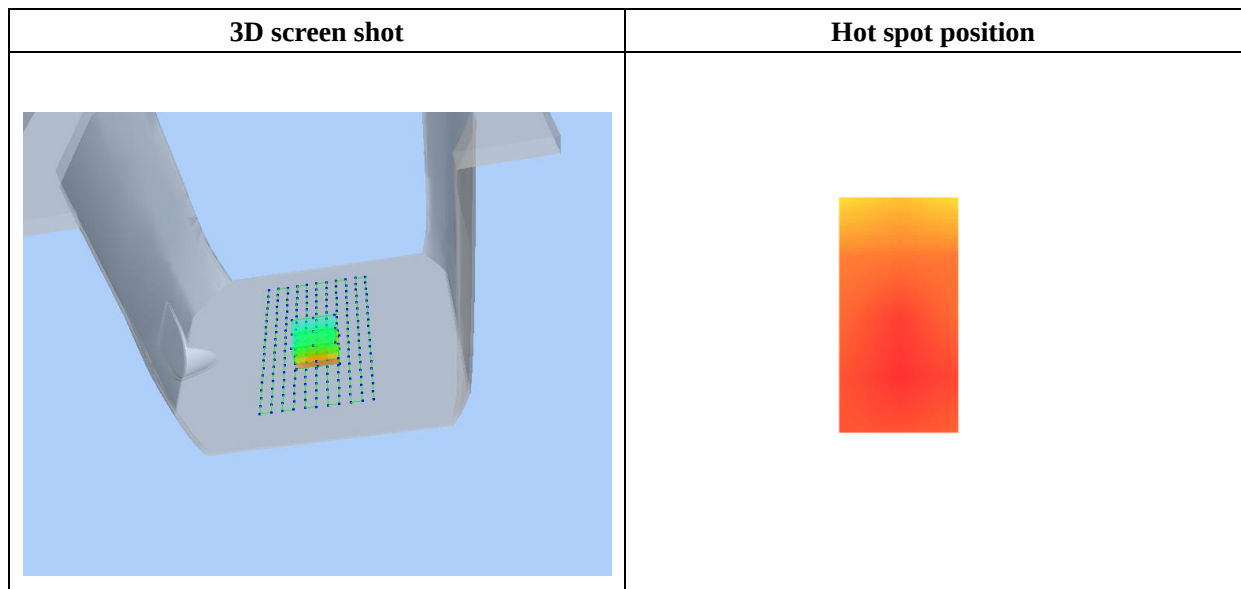
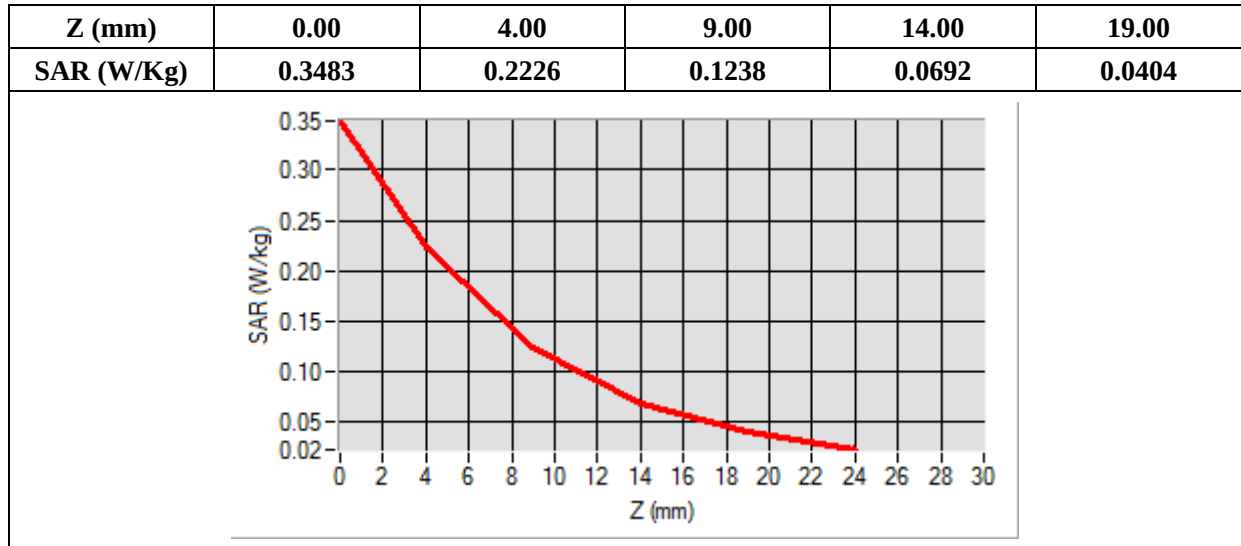
Frequency (MHz)	1850.200000
Relative Permittivity (real part)	38.560124
Conductivity (S/m)	1.380369
Power Variation (%)	1.503921
Ambient Temperature	21.1
Liquid Temperature	21.3



Maximum location: X=1.00, Y=-14.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.125348
SAR 1g (W/Kg)	0.213487



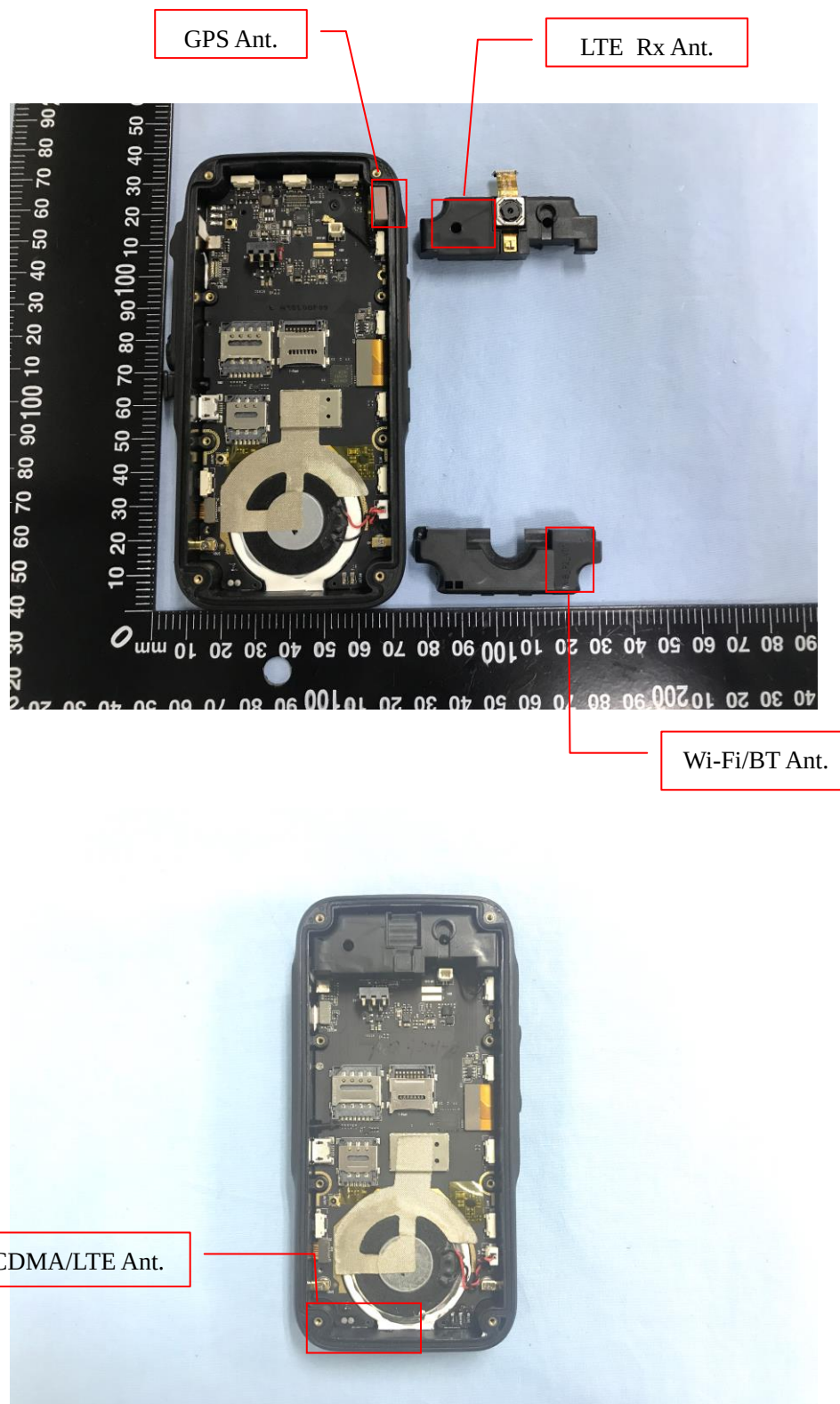
Annex C. EUT Photos

EUT View Front



EUT View Back

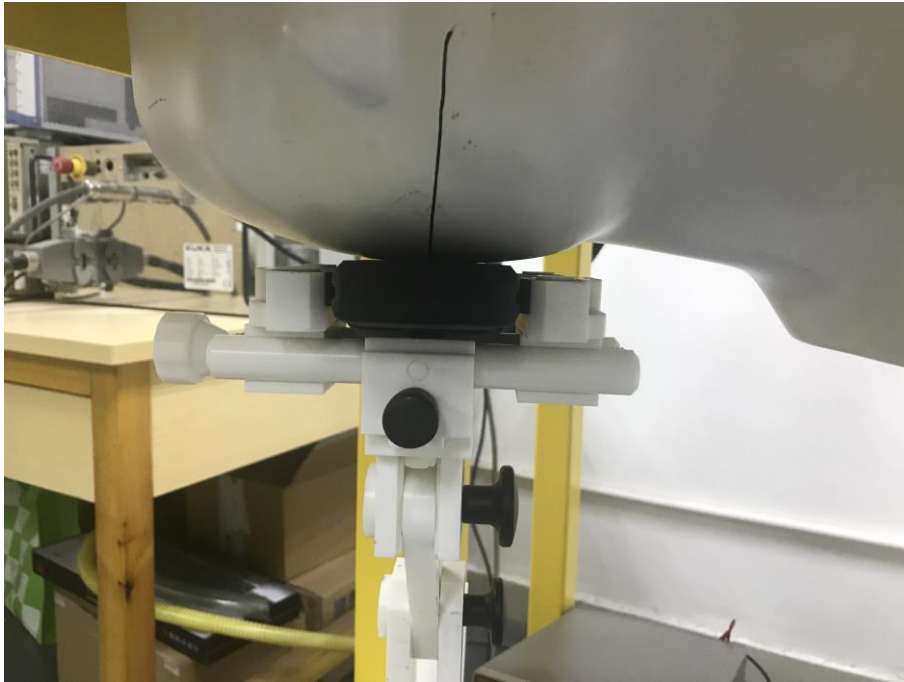


Antenna View

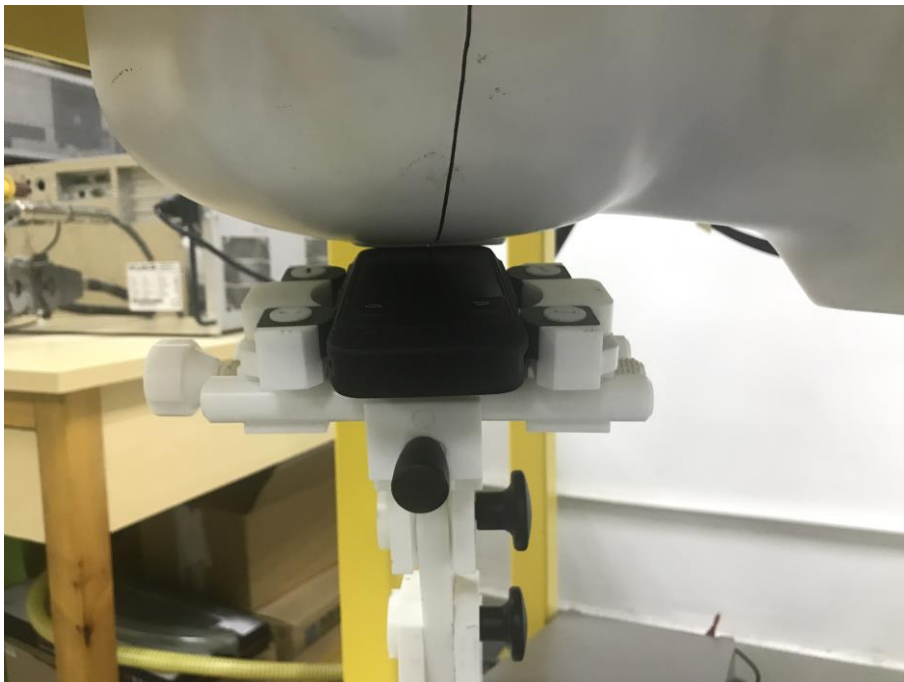
Annex D. Test Setup Photos

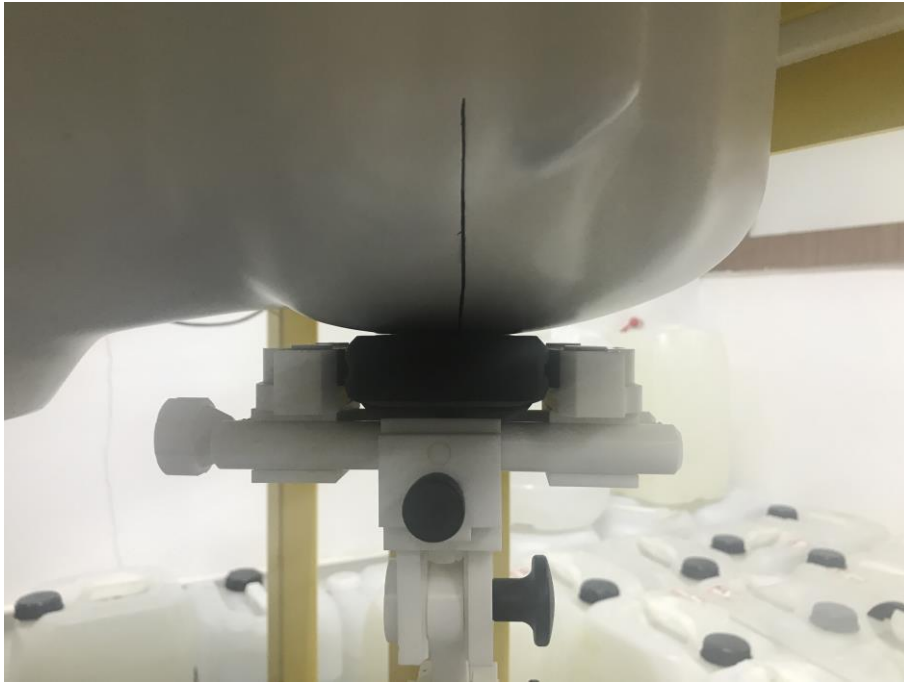
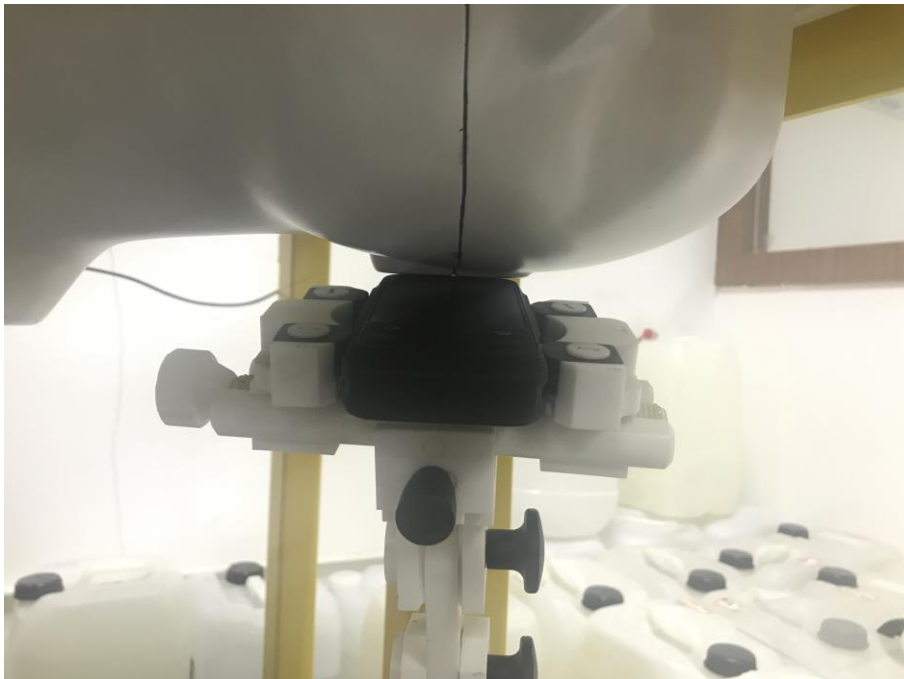
Head Exposure Conditions

Cheek



Tilt



Cheek**Tilt**

Body-worn & Hotspot mode Exposure Conditions

Body Front

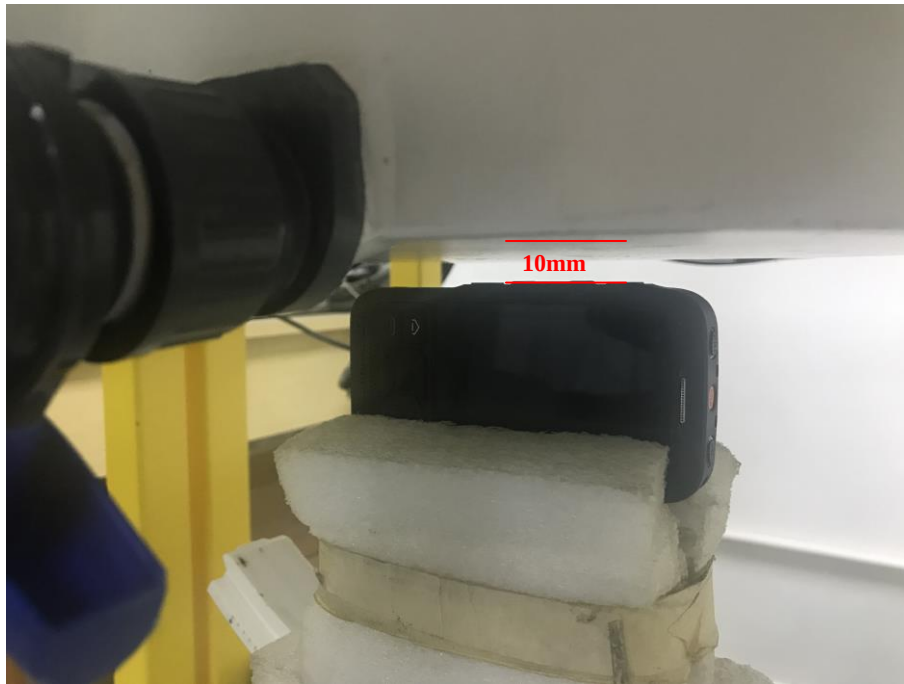


Body Back

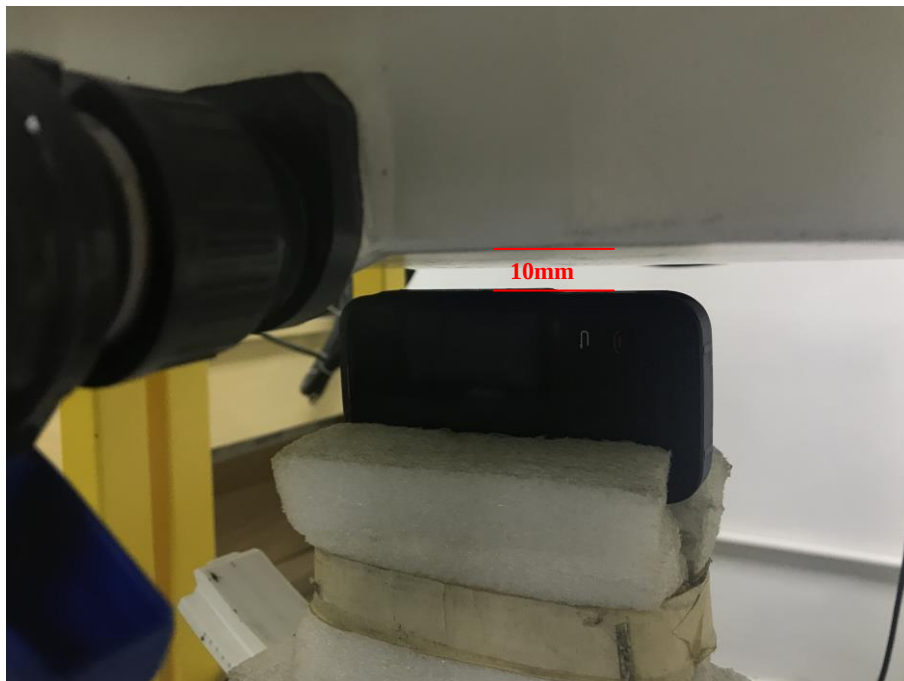


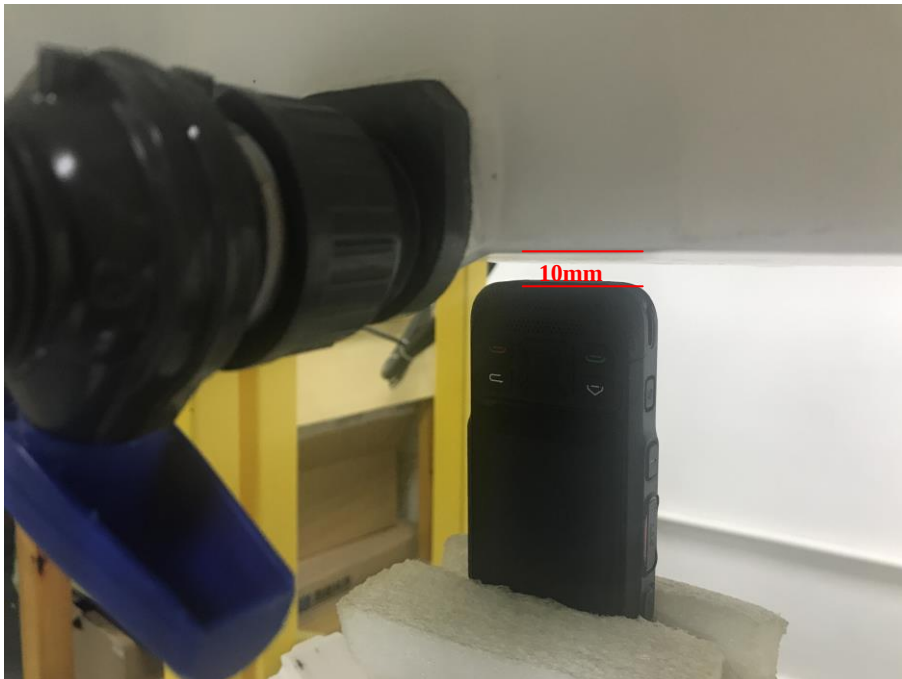
Hotspot Exposure Conditions

Body Left



Body Right



Body Top**Body Bottom**

Front-of the face Exposure Conditions

Front



Annex E. Calibration Certificate

Please refer to the exhibit for the calibration certificate

******* END OF REPORT *******