



MEASUREMENT 1

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2016.04.06
 Measurement duration: 9 minutes 13 second

A. Experimental conditions.

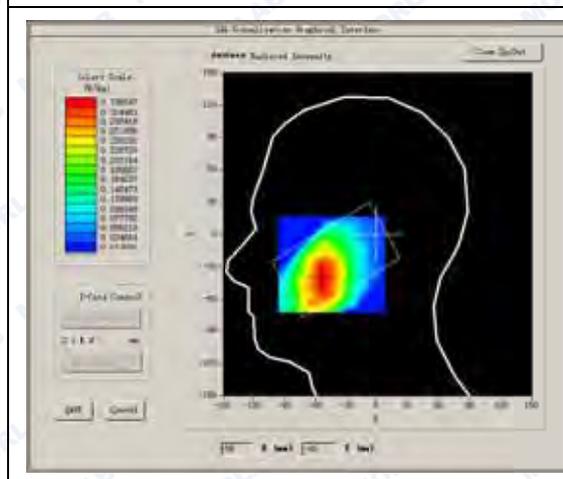
| | |
|-----------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Right head |
| Device Position | Cheek |
| Band | GSM850 |
| Channels | Middle |
| Signal | GSM |

B. SAR Measurement Results

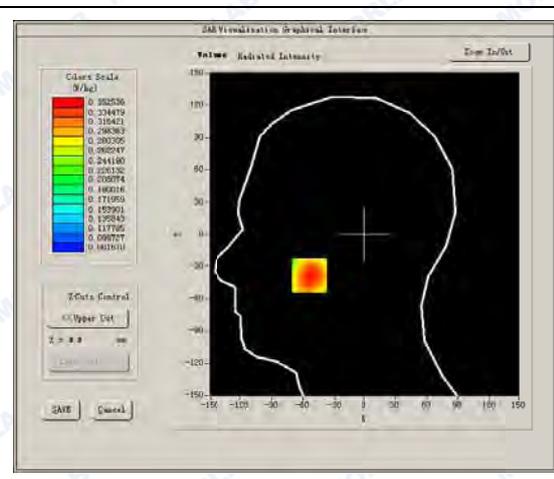
Middle Band SAR (Channel 190):

| | |
|-----------------------------------|------------|
| Frequency (MHz) | 836.400024 |
| Relative permittivity (real part) | 41.362849 |
| Conductivity (S/m) | 0.913725 |
| Power drift (%) | 1.270000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.74 |
| Crest factor: | 1:8 |

SURFACE SAR



VOLUME SAR

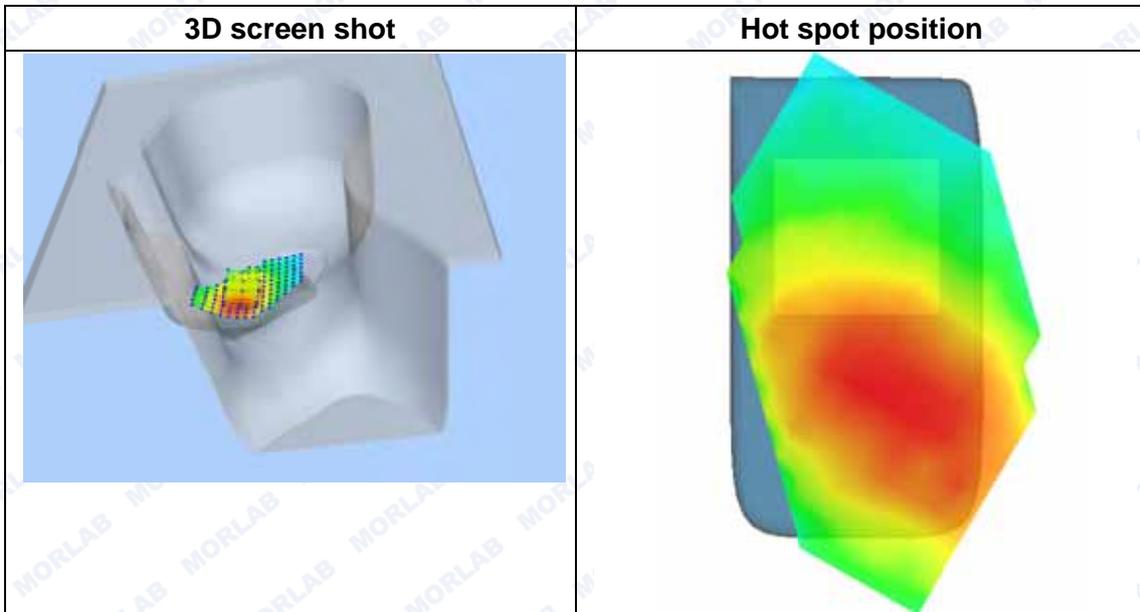
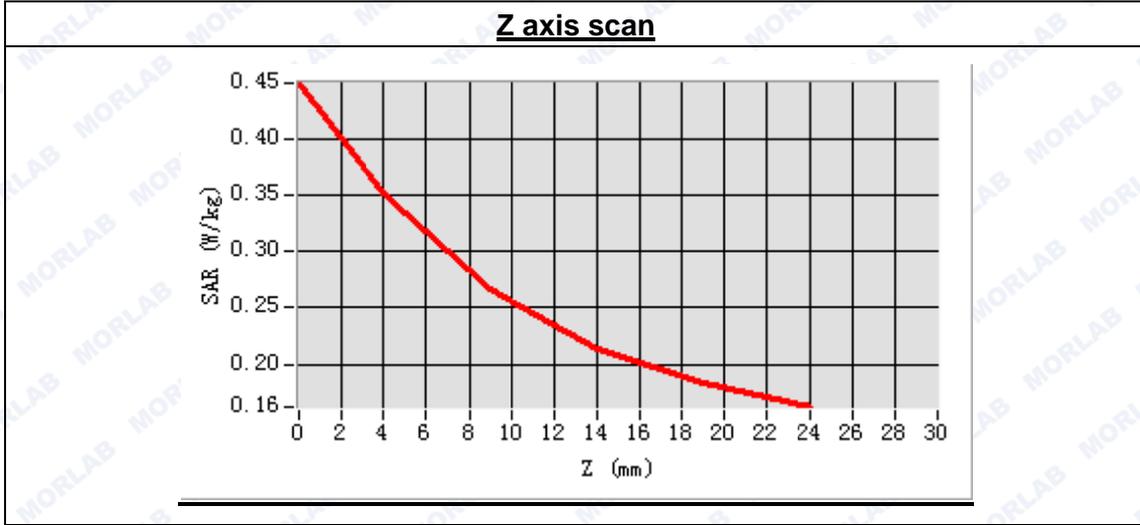




Maximum location: X=-54.00, Y=-38.00

SAR Peak: 0.46 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.254410 |
| SAR 1g (W/Kg) | 0.341229 |





MEASUREMENT 2

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2016.04.06
 Measurement duration: 9 minutes 37 seconds

A. Experimental conditions.

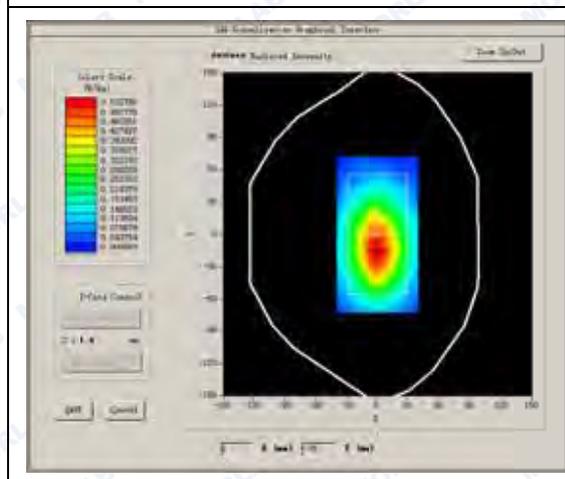
| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | GSM850 |
| Channels | Middle |
| Signal | GSM |

B. SAR Measurement Results

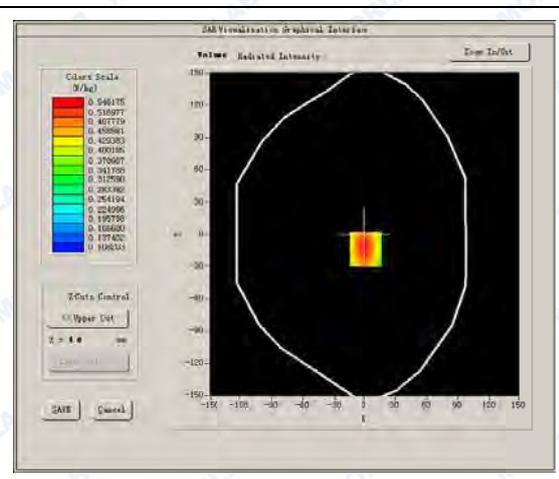
Middle Band SAR (Channel 190):

| | |
|-----------------------------------|------------|
| Frequency (MHz) | 836.400024 |
| Relative permittivity (real part) | 55.690245 |
| Conductivity (S/m) | 0.973542 |
| Power drift(%) | -2.170000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.93 |
| Crest factor: | 1:8 |

SURFACE SAR



VOLUME SAR

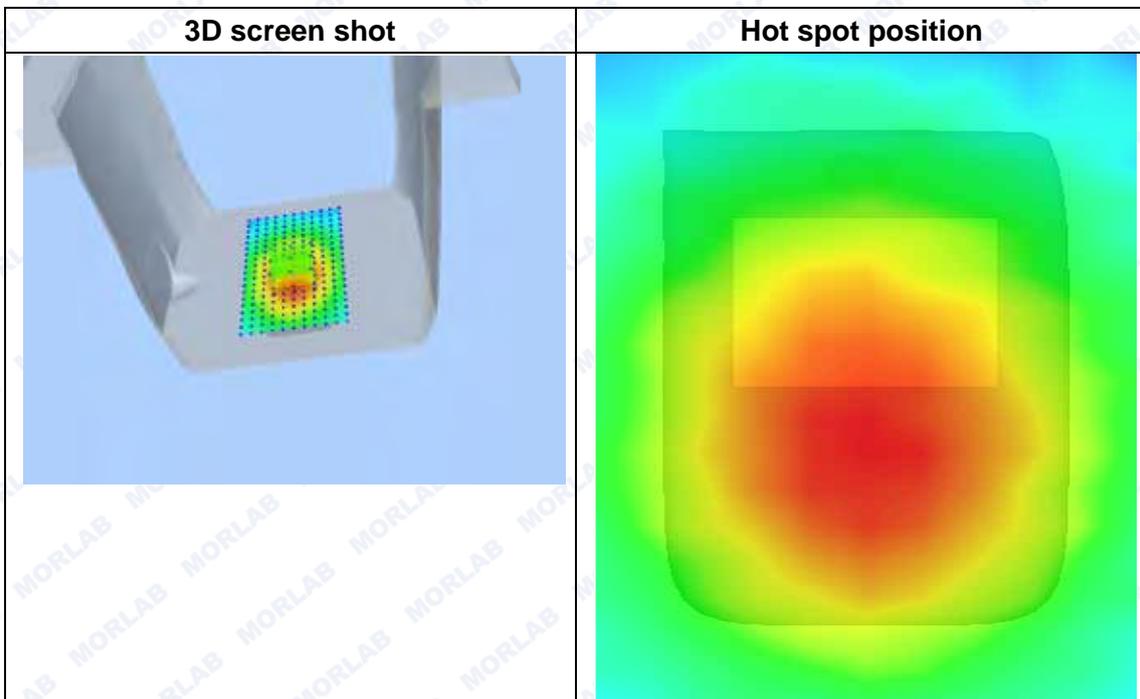
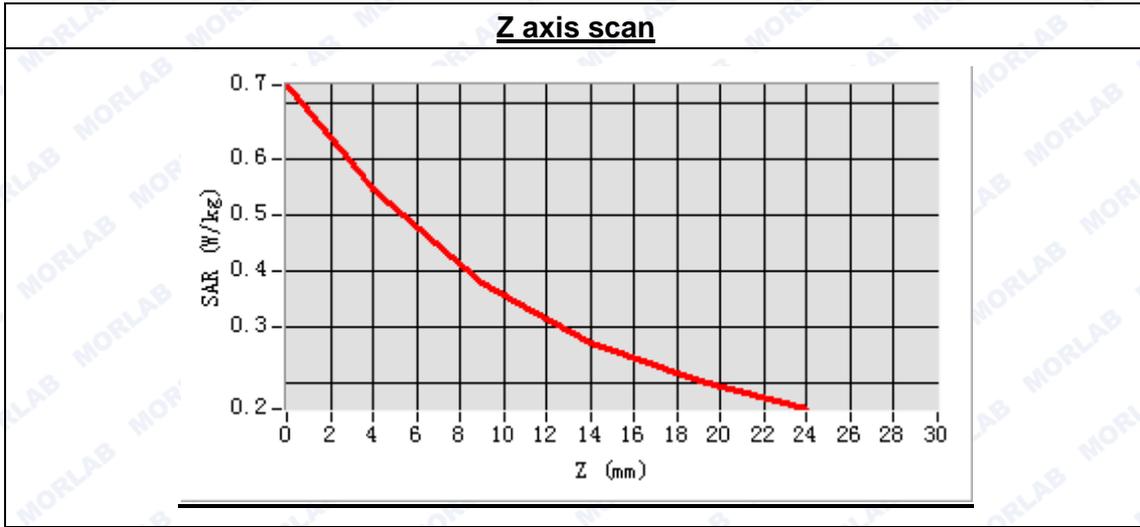




Maximum location: X=1.00, Y=-14.00

SAR Peak: 0.80 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.382118 |
| SAR 1g (W/Kg) | 0.563977 |





MEASUREMENT 3

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2016.04.06
 Measurement duration: 9 minutes 33 seconds

A. Experimental conditions.

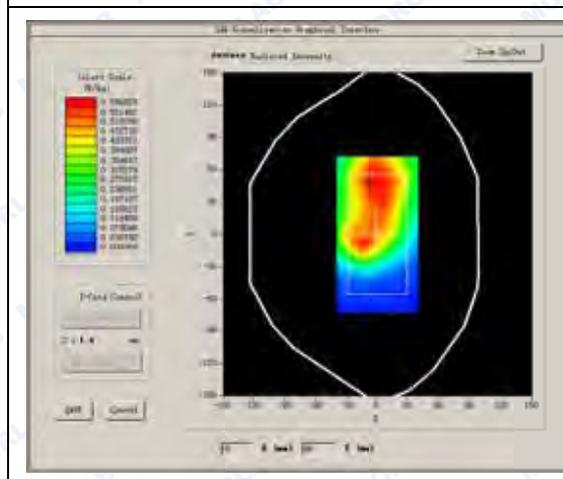
| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | GSM850 |
| Channels | Middle |
| Signal | GPRS |

B. SAR Measurement Results

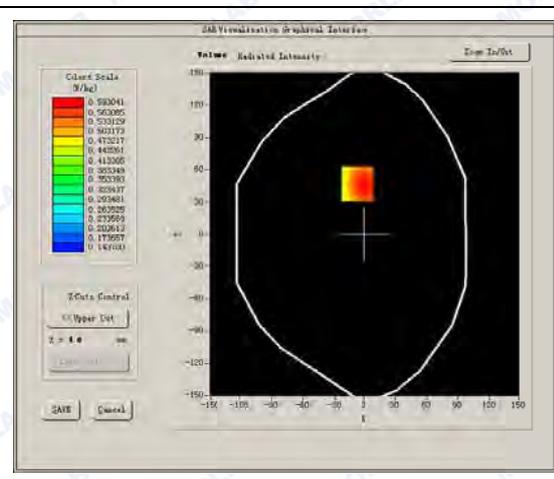
Middle Band SAR (Channel 190):

| | |
|-----------------------------------|------------|
| Frequency (MHz) | 836.400024 |
| Relative permittivity (real part) | 55.690245 |
| Conductivity (S/m) | 0.973542 |
| Power drift(%) | -2.170000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.93 |
| Crest factor: | 1:8 |

SURFACE SAR



VOLUME SAR

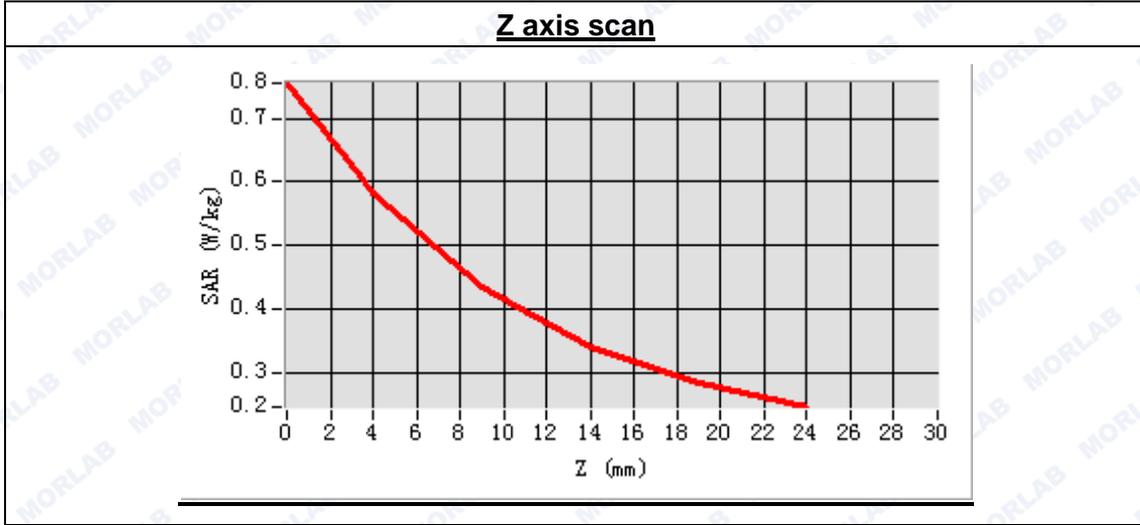




Maximum location: X=-7.00, Y=47.00

SAR Peak: 0.77 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.436100 |
| SAR 1g (W/Kg) | 0.585775 |



| | |
|-----------------------|--------------------------|
| 3D screen shot | Hot spot position |
| | |



MEASUREMENT 4

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2016.04.07

Measurement duration: 9 minutes 32 seconds

A. Experimental conditions.

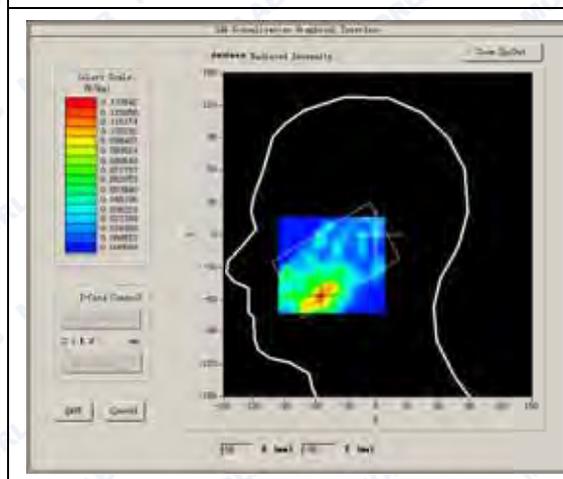
| | |
|-----------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Left head |
| Device Position | Cheek |
| Band | GSM1900 |
| Channels | High |
| Signal | GSM |

B. SAR Measurement Results

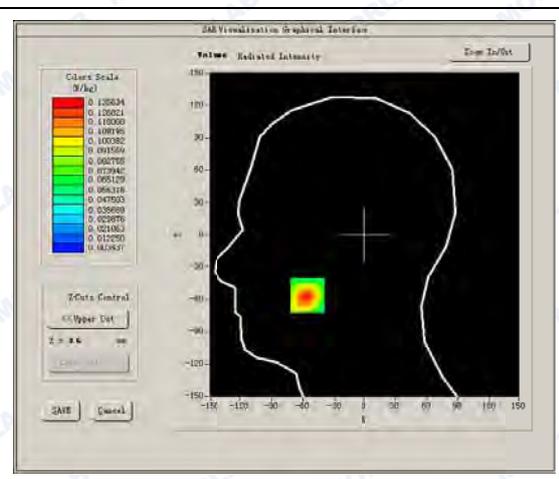
High Band SAR (Channel 810):

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 1909.800000 |
| Relative permittivity (real part) | 39.981672 |
| Conductivity (S/m) | 1.410935 |
| Power drift(%) | 2.230000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.32 |
| Crest factor: | 1:8 |

SURFACE SAR



VOLUME SAR

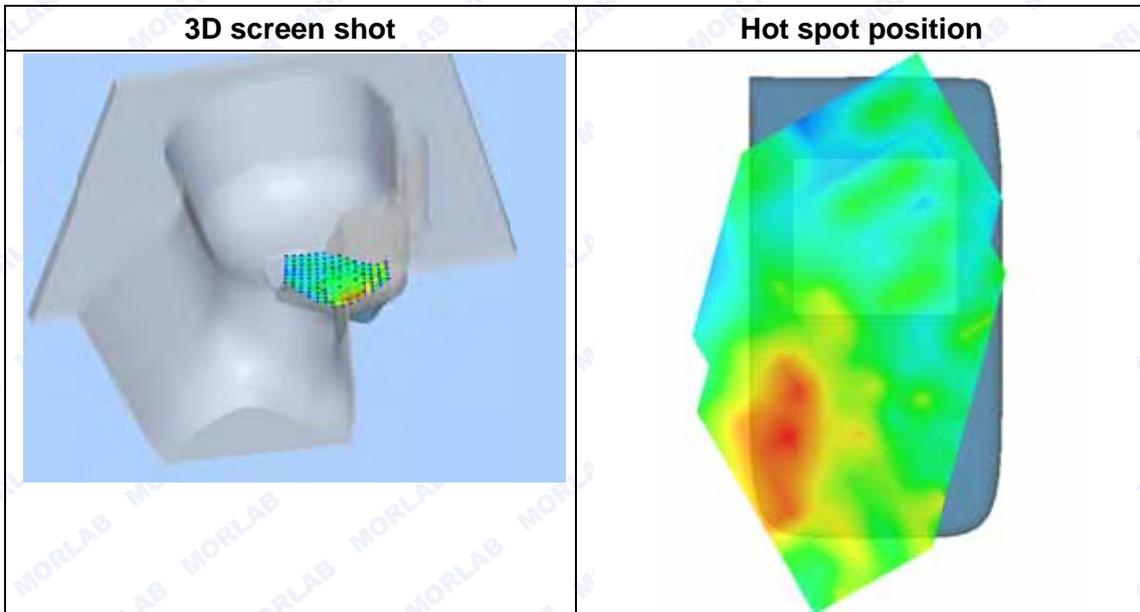
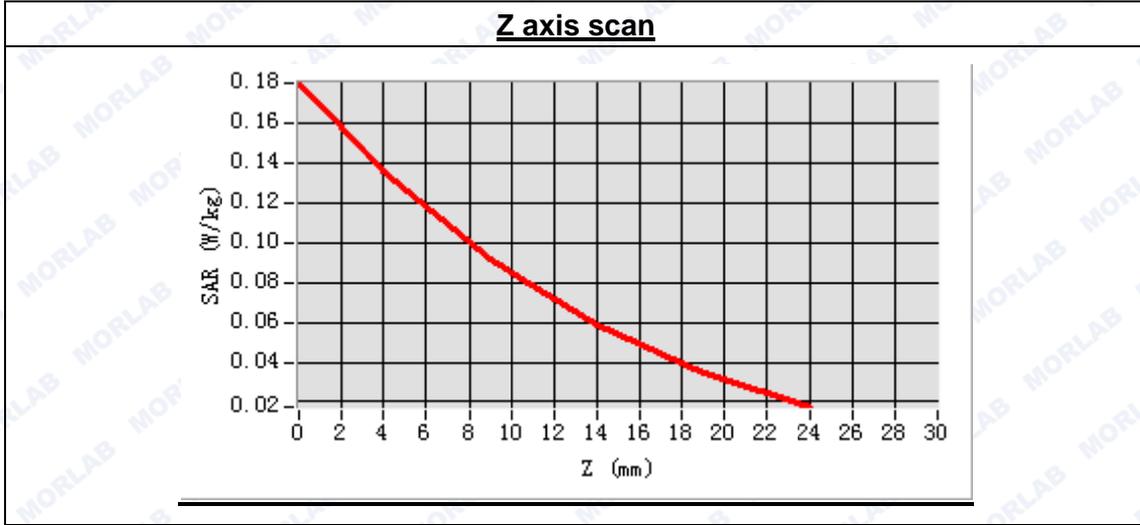




Maximum location: X=-56.00, Y=-56.00

SAR Peak: 0.20 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.076972 |
| SAR 1g (W/Kg) | 0.127880 |



**MEASUREMENT 5**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2016.04.07

Measurement duration: 9 minutes 31 seconds

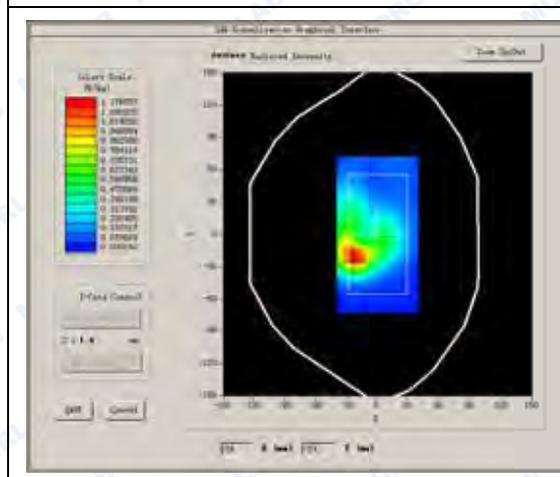
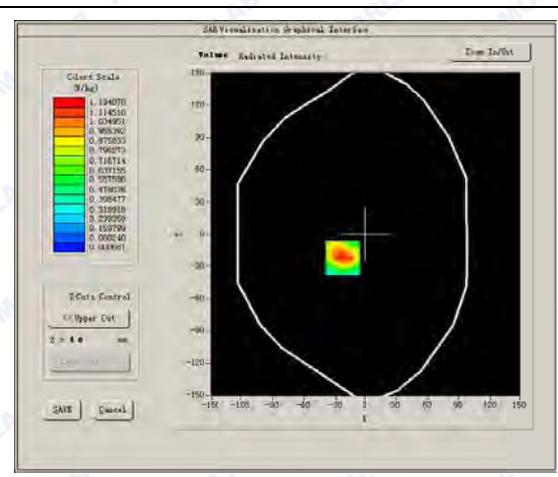
A. Experimental conditions.

| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | GSM1900 |
| Channels | High |
| Signal | GPRS |

B. SAR Measurement Results

High Band SAR (Channel 810):

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 1909.800000 |
| Relative permittivity (real part) | 53.103824 |
| Conductivity (S/m) | 1.534291 |
| Power drift(%) | -2.530000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.53 |
| Crest factor: | 1:2 |

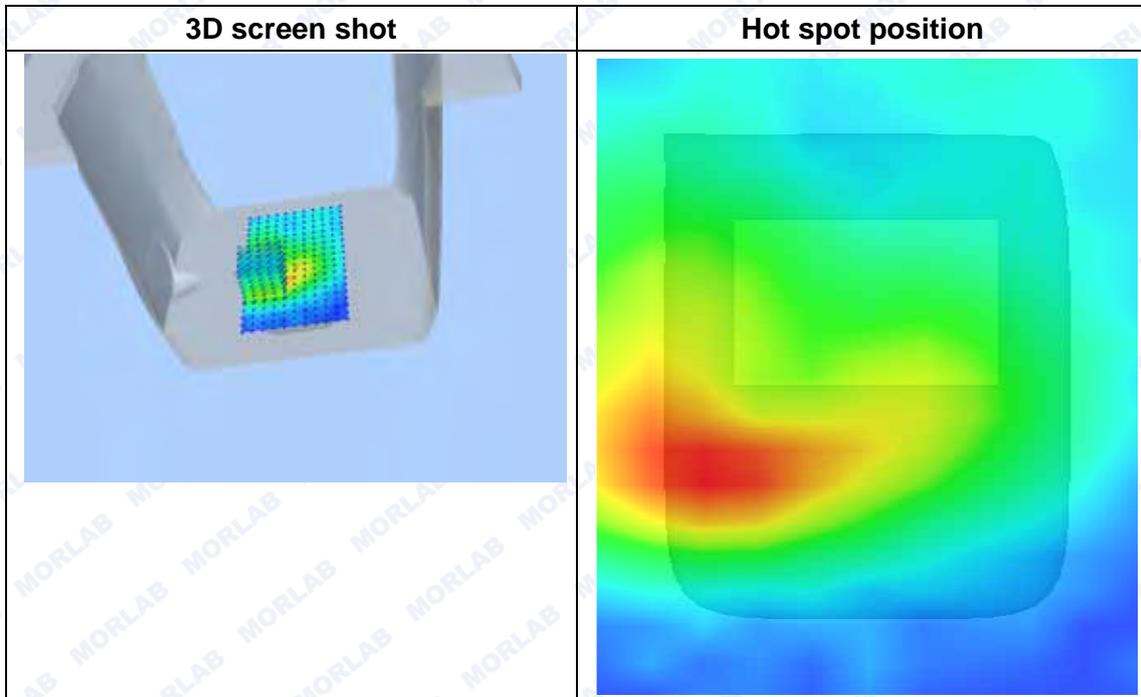
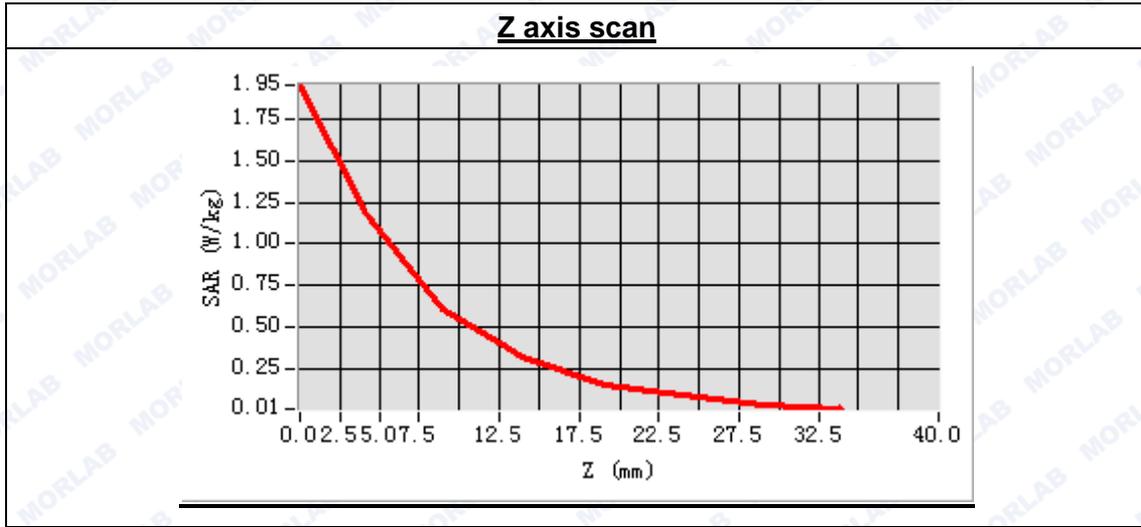
SURFACE SAR**VOLUME SAR**



Maximum location: X=-23.00, Y=-22.00

SAR Peak: 1.97 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.567583 |
| SAR 1g (W/Kg) | 1.149619 |





MEASUREMENT 6

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2016.04.07

Measurement duration: 9 minutes 30 seconds

A. Experimental conditions.

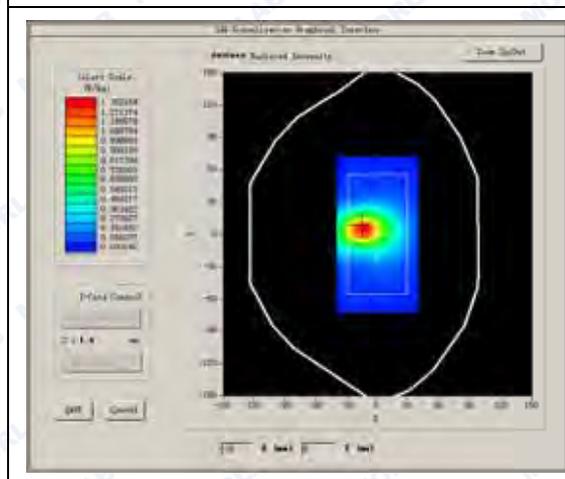
| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | GSM1900 |
| Channels | High |
| Signal | GPRS |

B. SAR Measurement Results

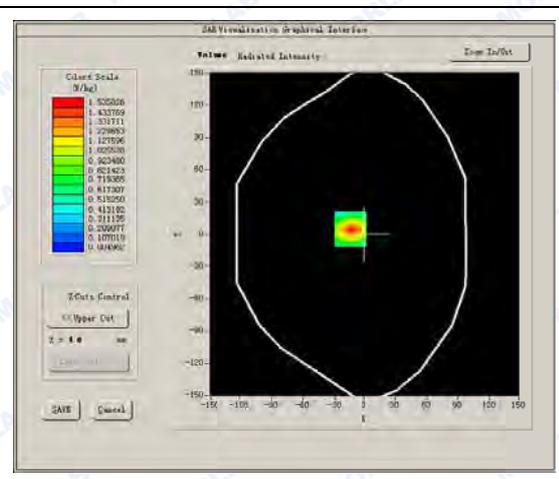
High Band SAR (Channel 810):

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 1909.800000 |
| Relative permittivity (real part) | 53.103824 |
| Conductivity (S/m) | 1.534291 |
| Power drift(%) | -2.530000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.53 |
| Crest factor: | 1:2 |

SURFACE SAR



VOLUME SAR

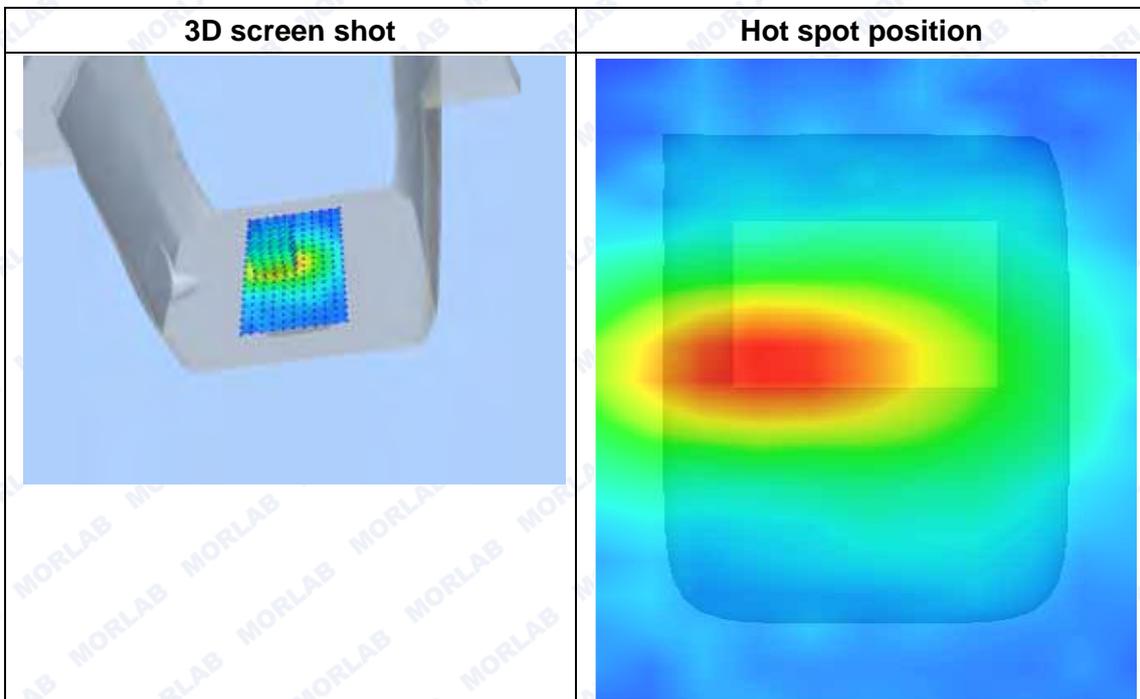
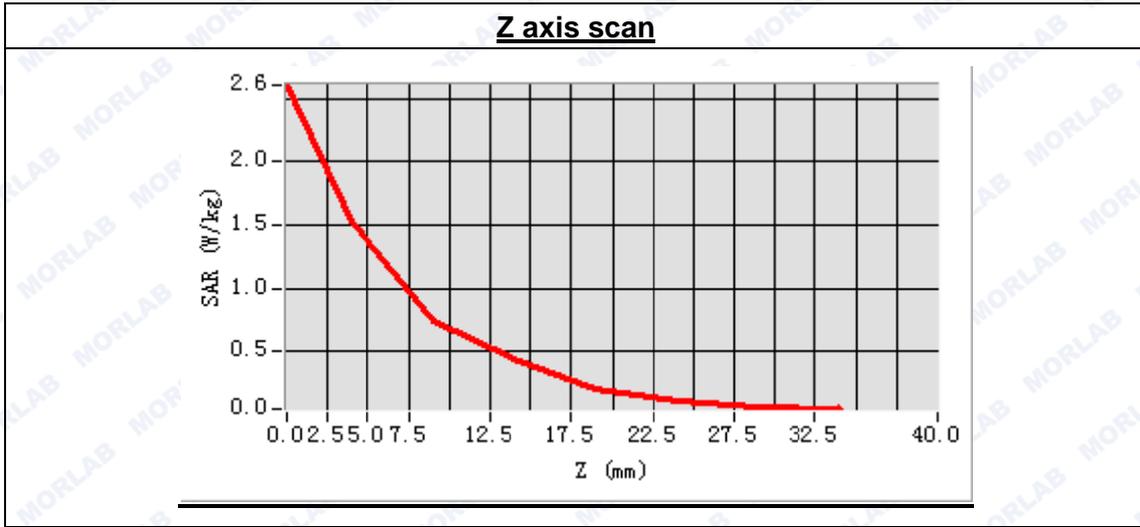




Maximum location: X=-14.00, Y=5.00

SAR Peak: 2.57 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.707665 |
| SAR 1g (W/Kg) | 1.271429 |





MEASUREMENT 7

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2016.04.06

Measurement duration: 9 minutes 18 seconds

A. Experimental conditions.

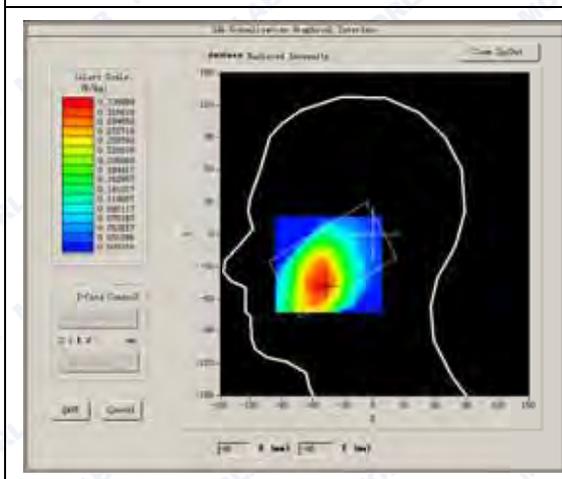
| | |
|------------------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Right head |
| Device Position | Cheek |
| Band | WCDMA850 |
| Channels | Low |
| Signal | CDMA |

B. SAR Measurement Results

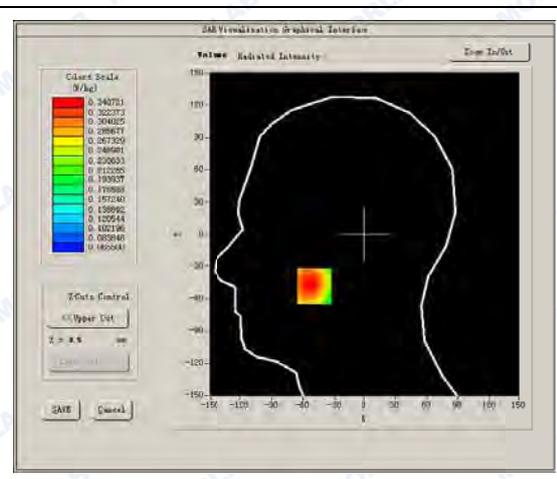
Low Band SAR (Channel 4132):

| | |
|--|------------|
| Frequency (MHz) | 824.000000 |
| Relative permittivity (real part) | 41.362849 |
| Conductivity (S/m) | 0.913725 |
| Power drift (%) | 1.430000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.74 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

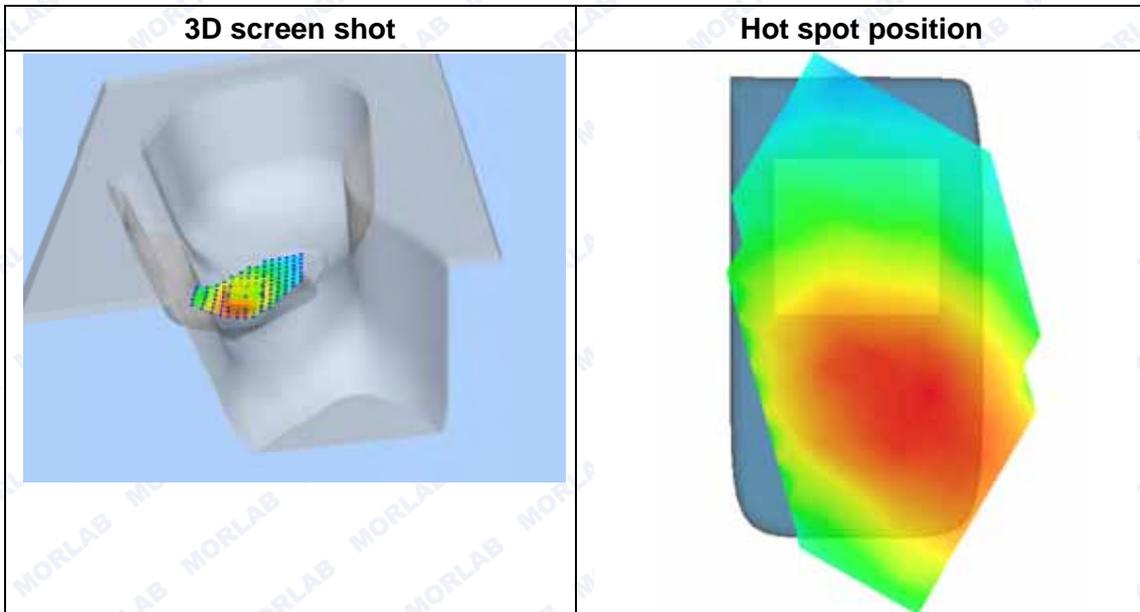
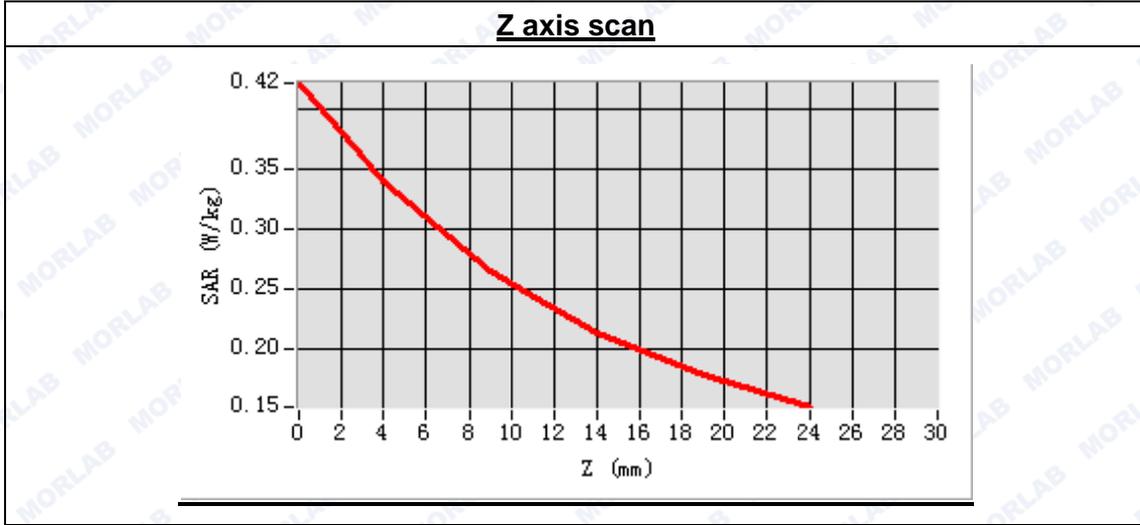




Maximum location: X=-49.00, Y=-48.00

SAR Peak: 0.42 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.252916 |
| SAR 1g (W/Kg) | 0.333483 |





MEASUREMENT 8

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2016.04.06
 Measurement duration: 9 minutes 28 seconds

A. Experimental conditions.

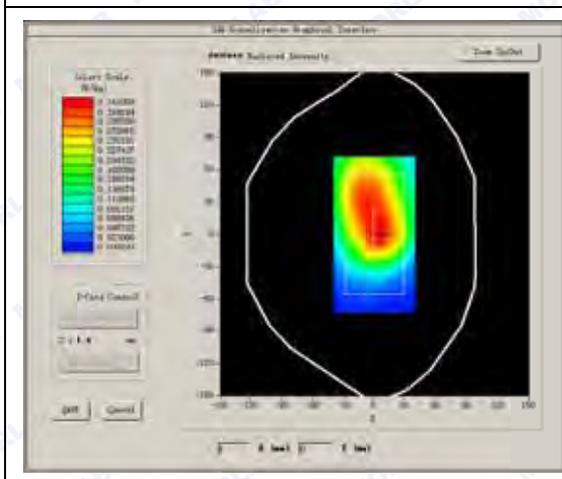
| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WCDMA850 |
| Channels | Middle |
| Signal | CDMA |

B. SAR Measurement Results

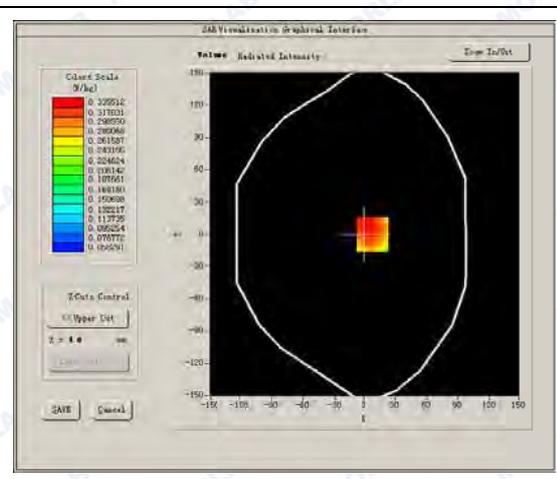
Middle Band SAR (Channel 4182):

| | |
|--|------------|
| Frequency (MHz) | 836.000000 |
| Relative permittivity (real part) | 55.691823 |
| Conductivity (S/m) | 0.973824 |
| Power drift (%) | 0.130000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.93 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

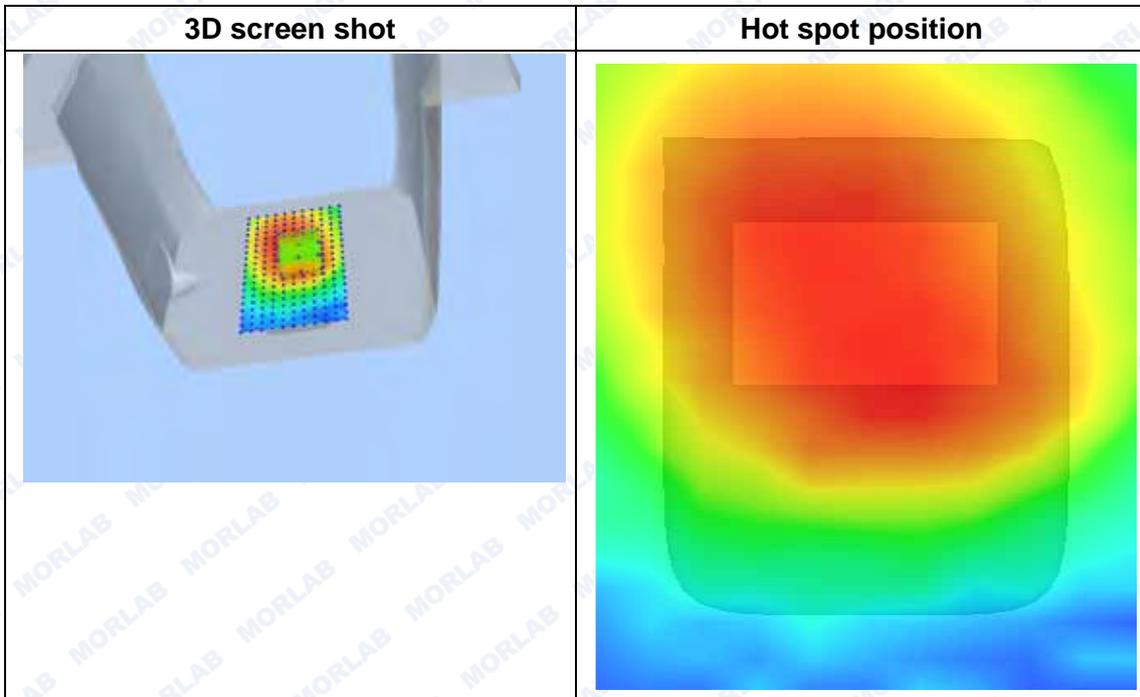
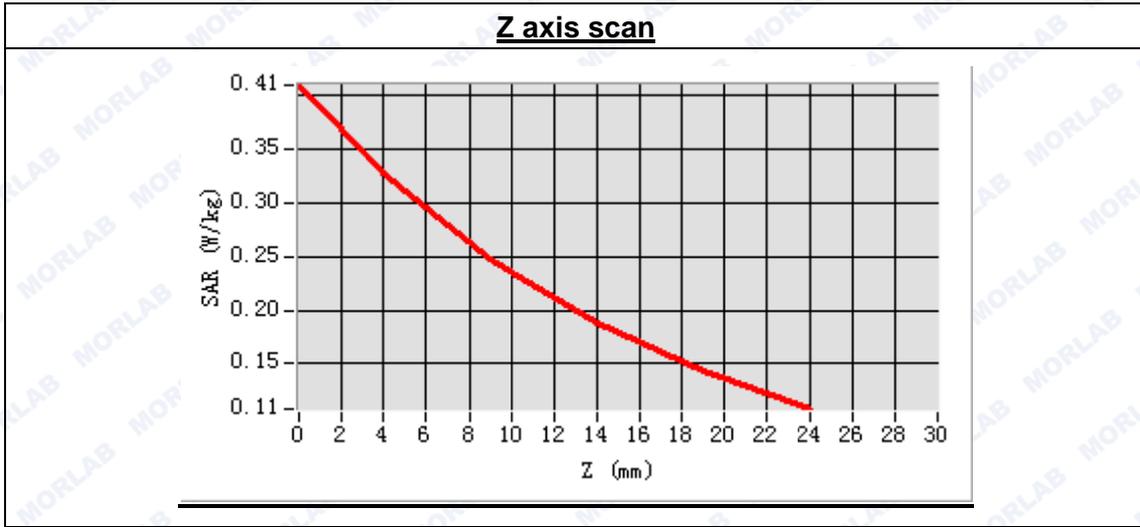




Maximum location: X=7.00, Y=0.00

SAR Peak: 0.45 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.261425 |
| SAR 1g (W/Kg) | 0.351318 |





MEASUREMENT 9

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2016.04.06
 Measurement duration: 9 minutes 32 seconds

A. Experimental conditions.

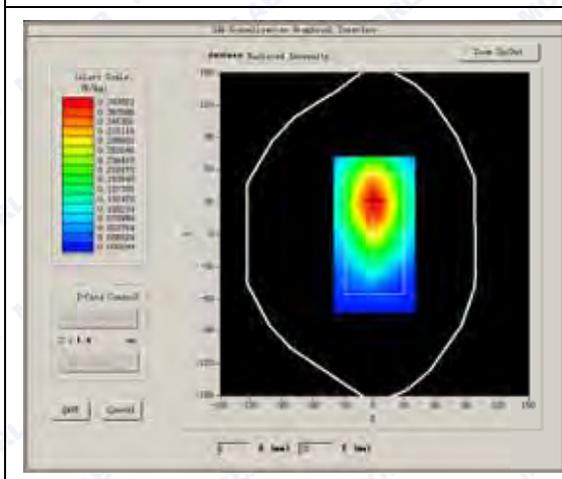
| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WCDMA850 |
| Channels | Middle |
| Signal | CDMA |

B. SAR Measurement Results

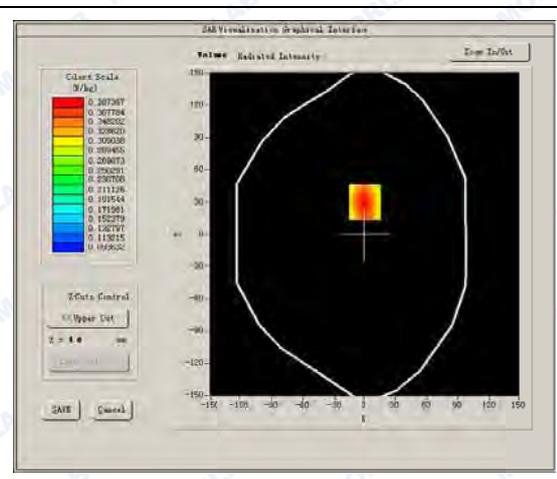
Middle Band SAR (Channel 4182):

| | |
|-----------------------------------|------------|
| Frequency (MHz) | 836.000000 |
| Relative permittivity (real part) | 55.691823 |
| Conductivity (S/m) | 0.973824 |
| Power drift (%) | 0.130000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.93 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

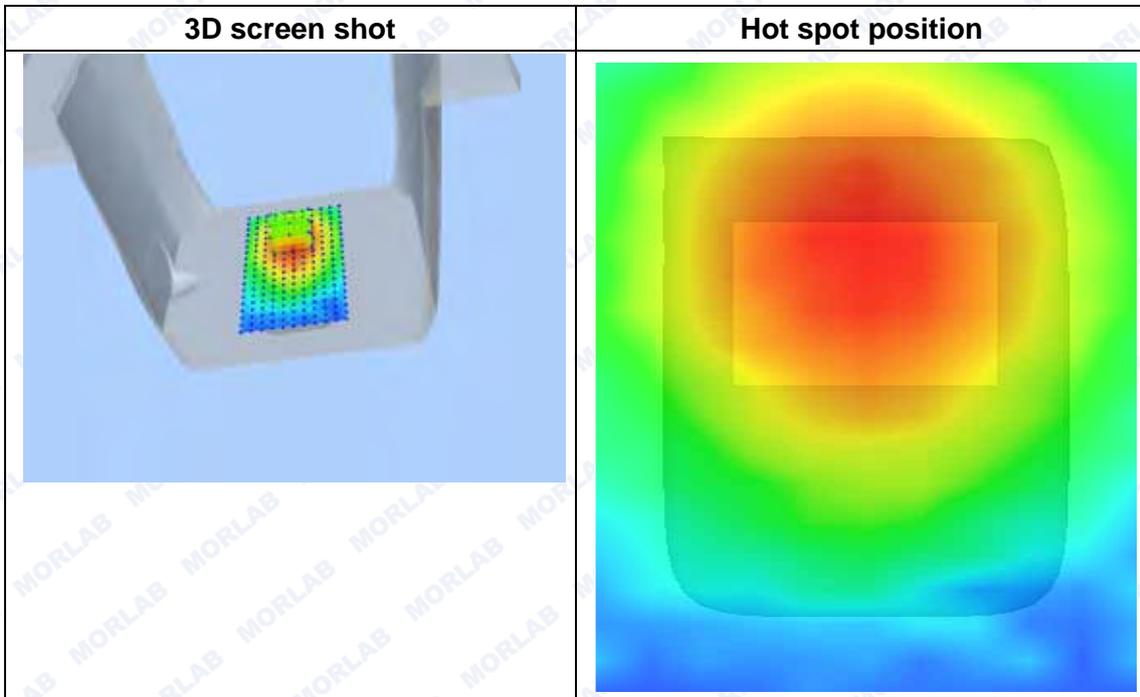
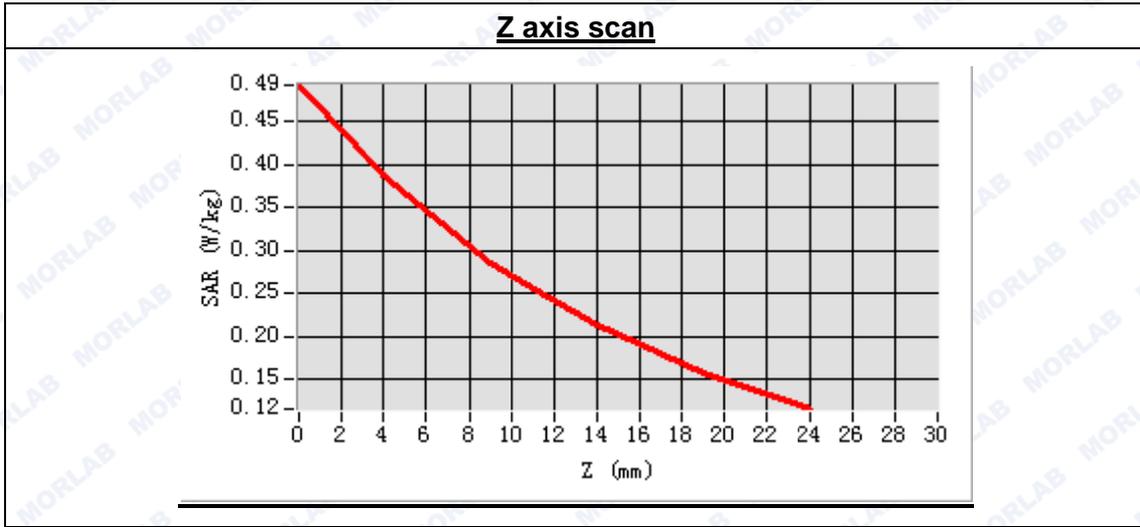




Maximum location: X=0.00, Y=30.00

SAR Peak: 0.53 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.286615 |
| SAR 1g (W/Kg) | 0.401439 |





MEASUREMENT 10

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2015.10.22

Measurement duration: 9 minutes 37 seconds

A. Experimental conditions.

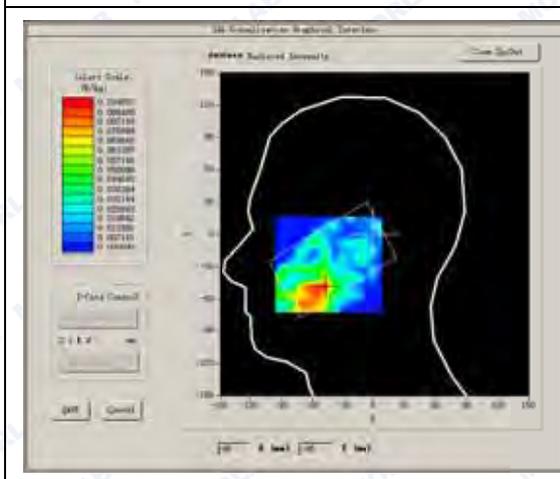
| | |
|-----------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Left head |
| Device Position | Cheek |
| Band | WCDMA1900 |
| Channels | High |
| Signal | CDMA |

B. SAR Measurement Results

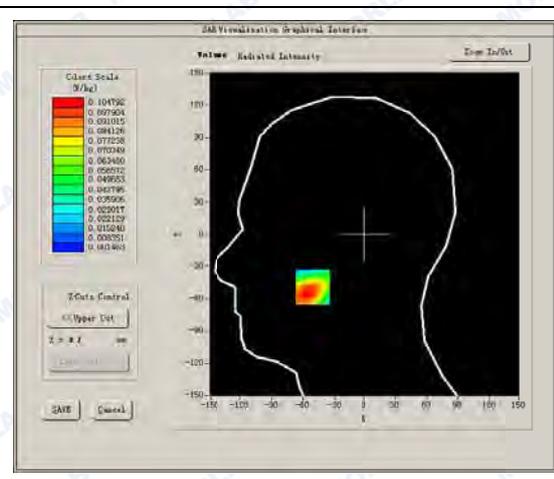
High Band SAR (Channel 9538):

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 1907.600000 |
| Relative permittivity (real part) | 39.981672 |
| Conductivity (S/m) | 1.410935 |
| Power drift (%) | 1.240000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 6.00 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

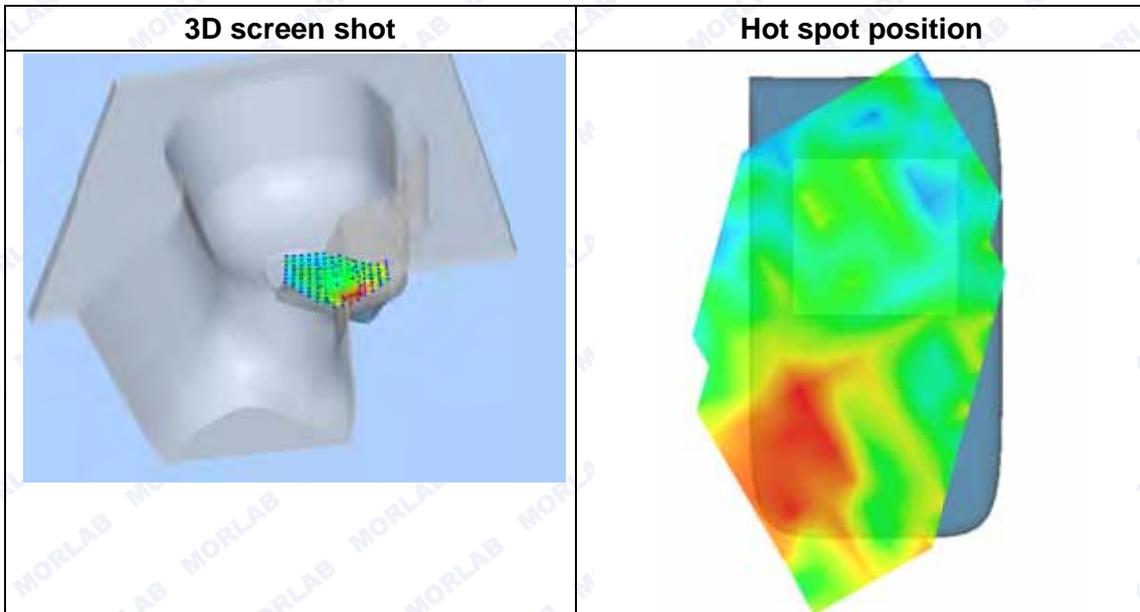
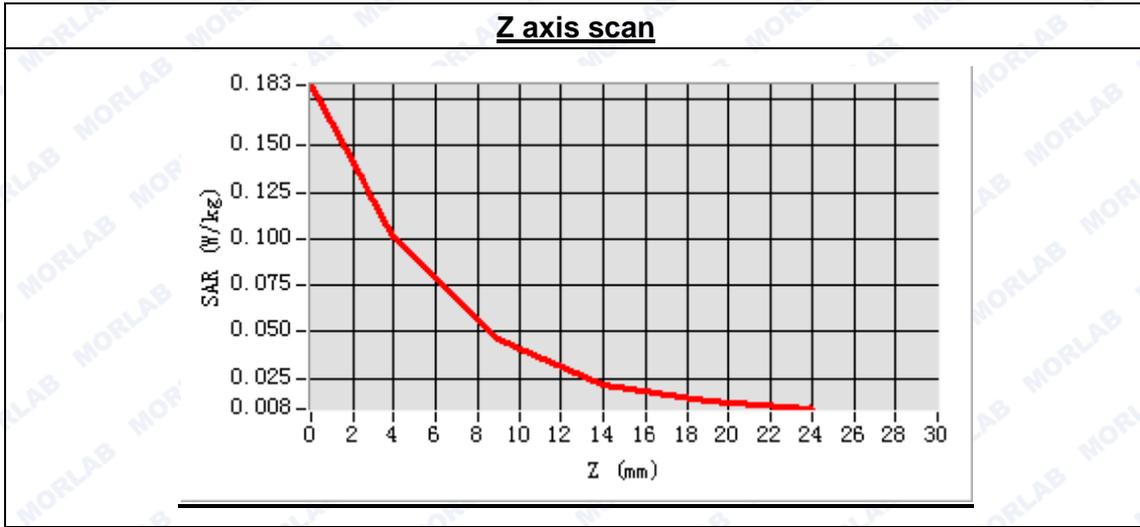




Maximum location: X=-51.00, Y=-49.00

SAR Peak: 0.20 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.055301 |
| SAR 1g (W/Kg) | 0.104279 |





MEASUREMENT 11

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2016.04.07
 Measurement duration: 9 minutes 31 seconds

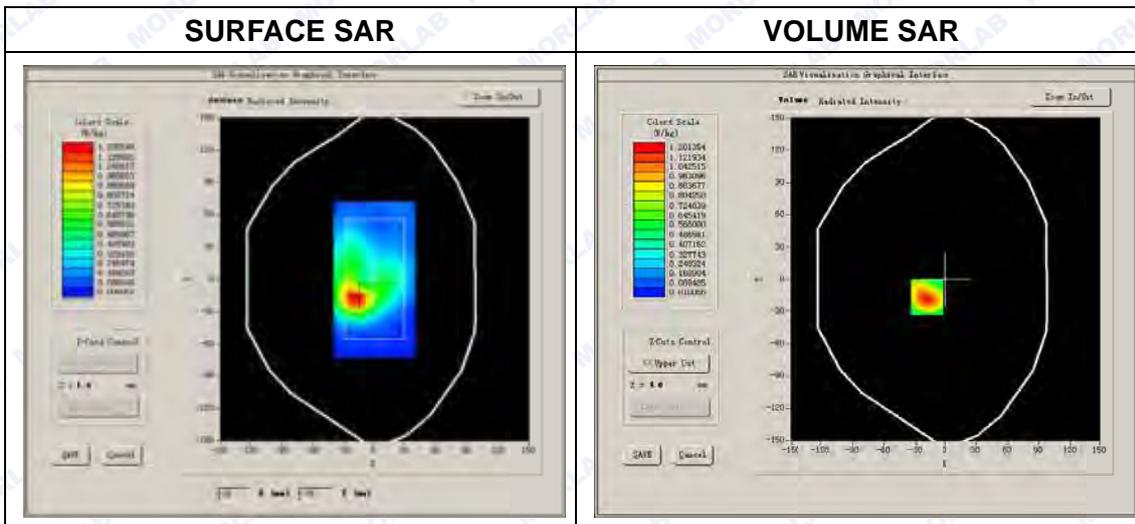
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WCDMA1900 |
| Channels | Low |
| Signal | CDMA |

B. SAR Measurement Results

Low Band SAR (Channel 9262):

| | |
|--|-------------|
| Frequency (MHz) | 1852.400000 |
| Relative permittivity (real part) | 53.103824 |
| Conductivity (S/m) | 1.534291 |
| Power drift (%) | -2.140000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 6.17 |
| Crest factor: | 1:1 |

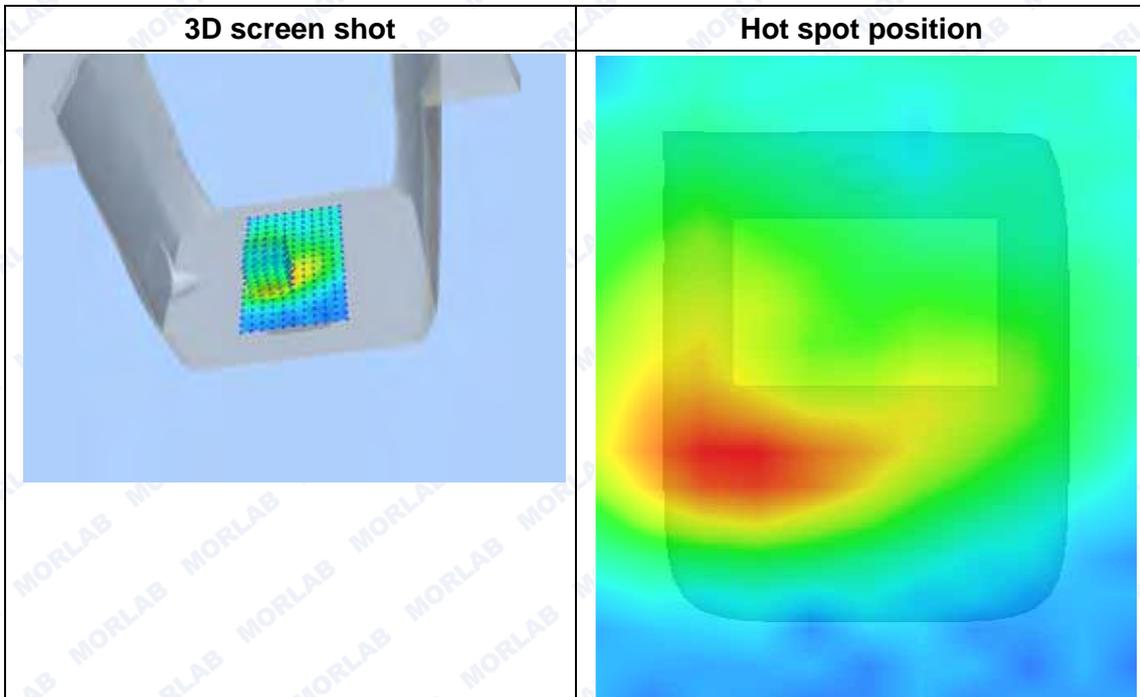
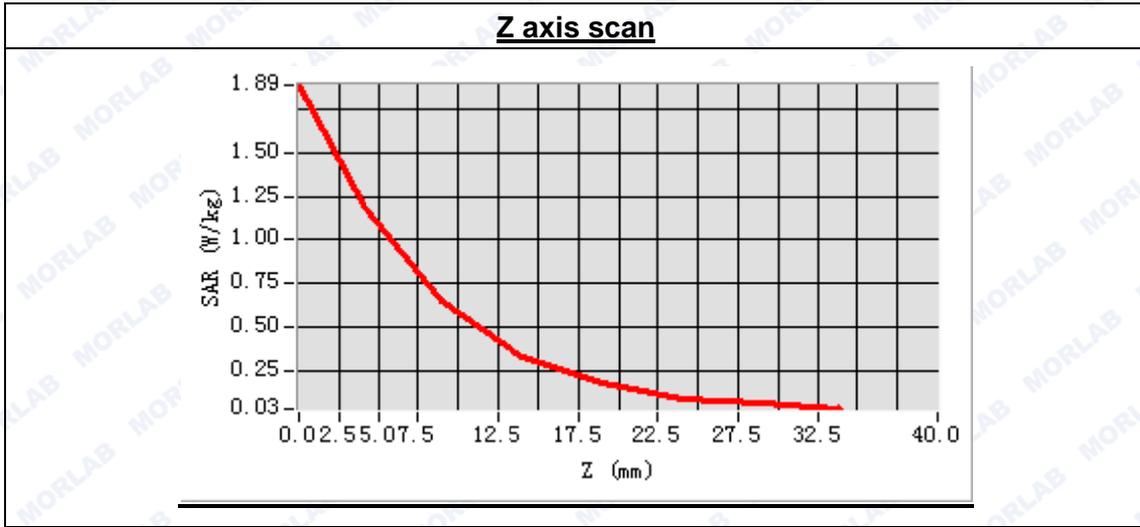




Maximum location: X=-18.00, Y=-17.00

SAR Peak: 2.09 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.634959 |
| SAR 1g (W/Kg) | 1.207461 |



MEASUREMENT 12

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2016.04.08

Measurement duration: 7 minutes 47 seconds

A. Experimental conditions.

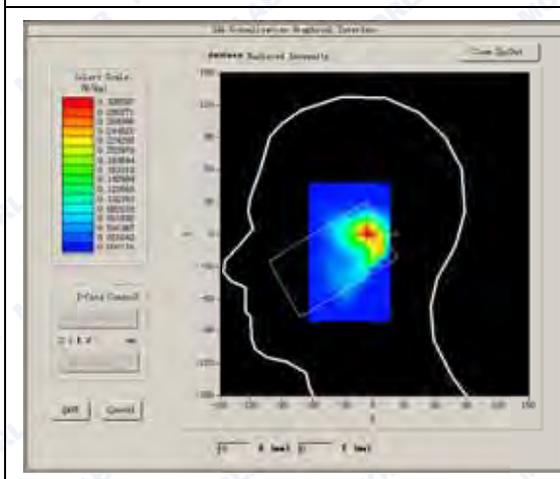
| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Right head |
| Device Position | Cheek |
| Band | 802.11b |
| Channels | Low |
| Signal | DSSS |

B. SAR Measurement Results

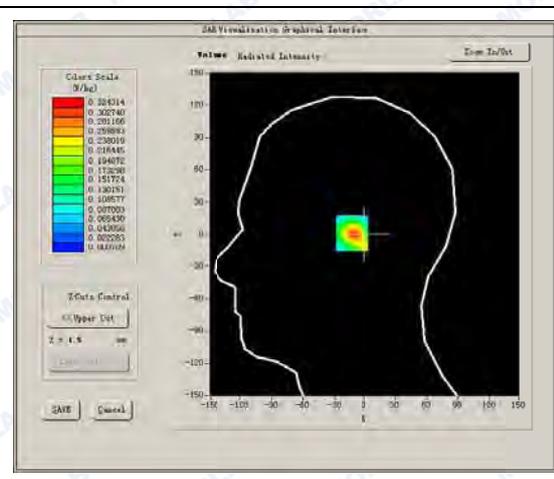
Low Band SAR (Channel 1)

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 2412.000000 |
| Relative permittivity (real part) | 39.114268 |
| Conductivity (S/m) | 1.793824 |
| Power drift (%) | 1.130000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 4.63 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

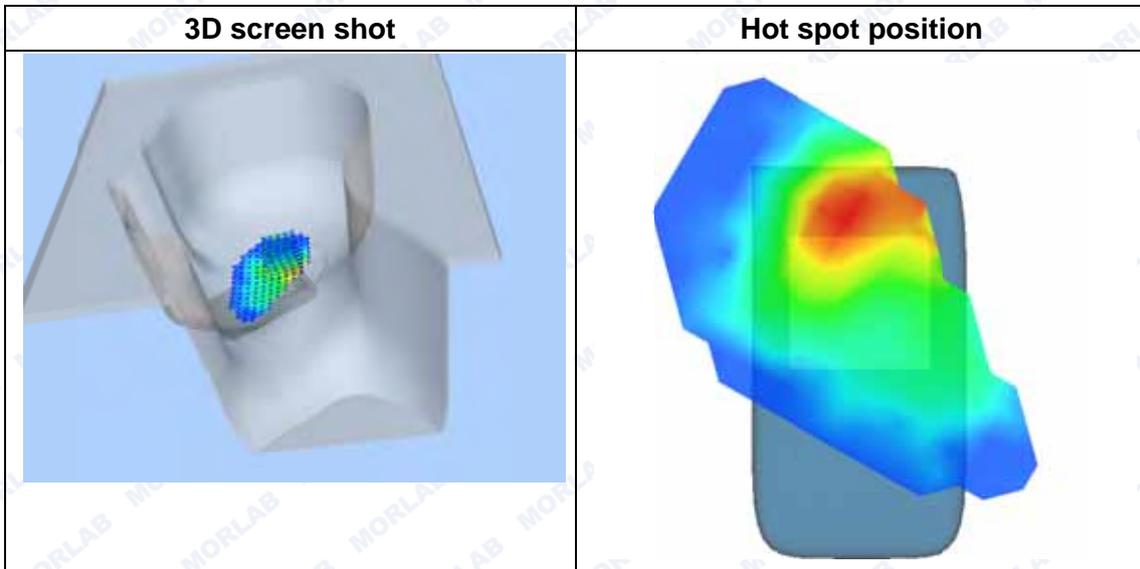
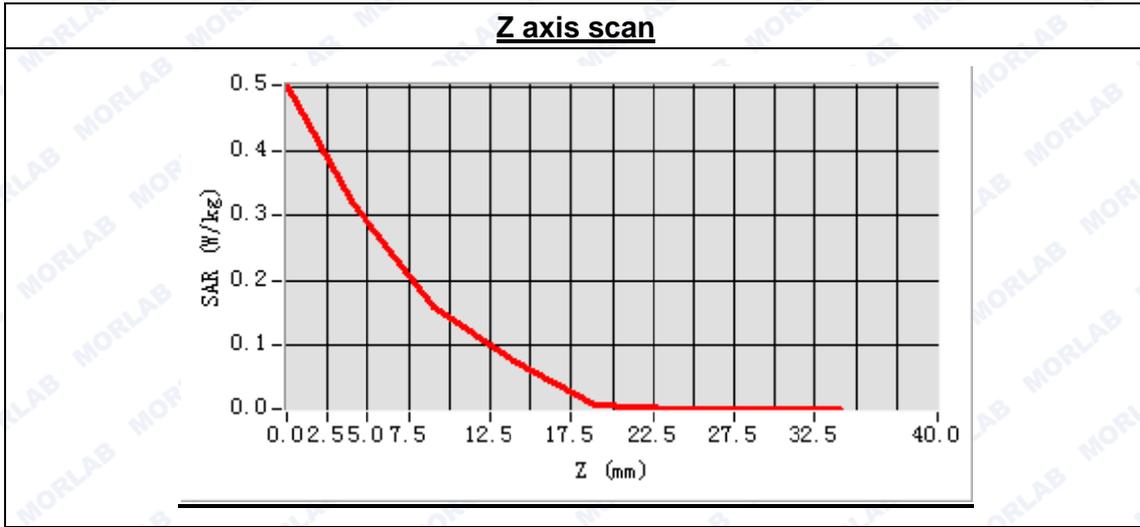




Maximum location: X=-7.00, Y=1.00

SAR Peak: 0.51 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.129424 |
| SAR 1g (W/Kg) | 0.294643 |





MEASUREMENT 13

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2016.04.08

Measurement duration: 9 minutes 37 seconds

A. Experimental conditions.

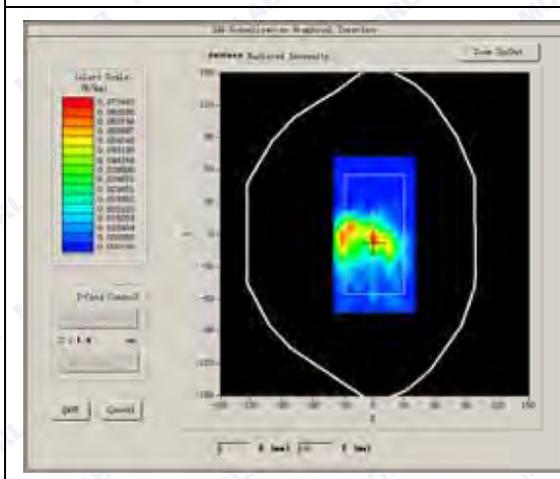
| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | Body |
| Band | 802.11b |
| Channels | Low |
| Signal | DSSS |

B. SAR Measurement Results

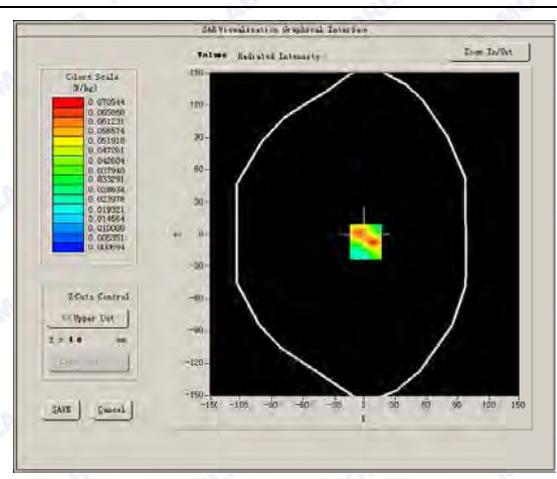
Low Band SAR (Channel 1)

| | |
|--|-------------|
| Frequency (MHz) | 2412.000000 |
| Relative permittivity (real part) | 52.519342 |
| Conductivity (S/m) | 1.935672 |
| Power drift (%) | -3.420000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 4.81 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

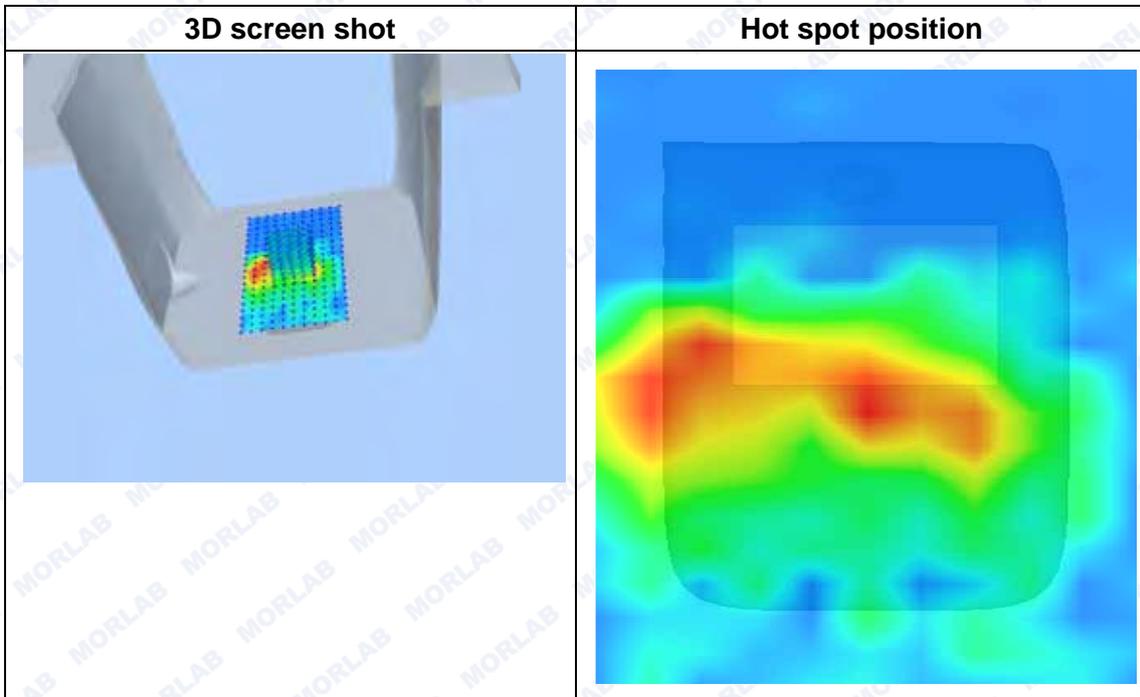
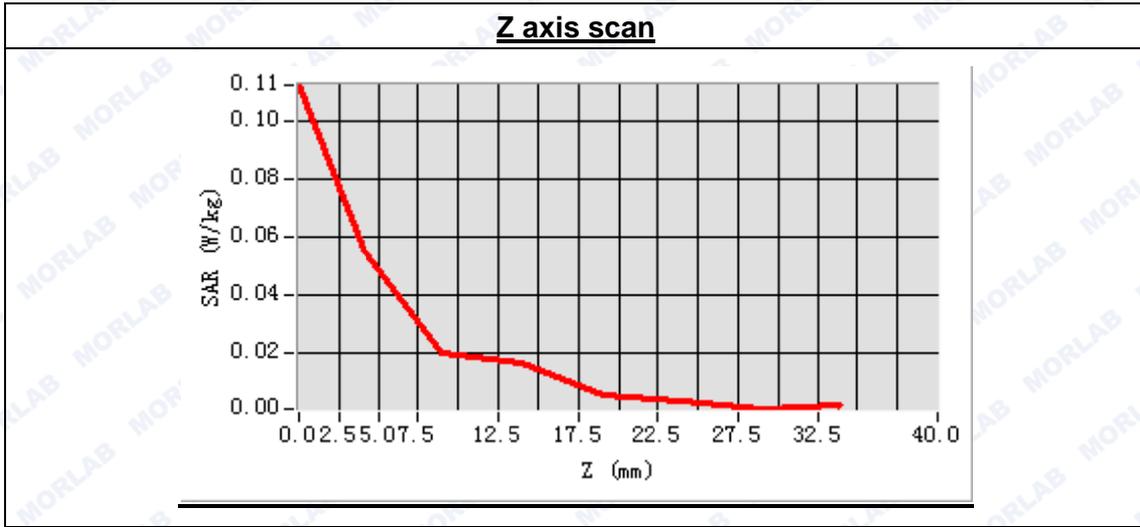




Maximum location: X=1.00, Y=-7.00

SAR Peak: 0.17 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.038775 |
| SAR 1g (W/Kg) | 0.095406 |





MEASUREMENT 14

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm
 Date of measurement: 2015.10.23
 Measurement duration: 9 minutes 31 seconds

A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | Body |
| Band | 802.11b |
| Channels | Low |
| Signal | DSSS |

B. SAR Measurement Results

Low Band SAR (Channel 1)

| | |
|--|-------------|
| Frequency (MHz) | 2412.000000 |
| Relative permittivity (real part) | 52.519342 |
| Conductivity (S/m) | 1.935672 |
| Power drift (%) | -2.740000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 4.81 |
| Crest factor: | 1:1 |

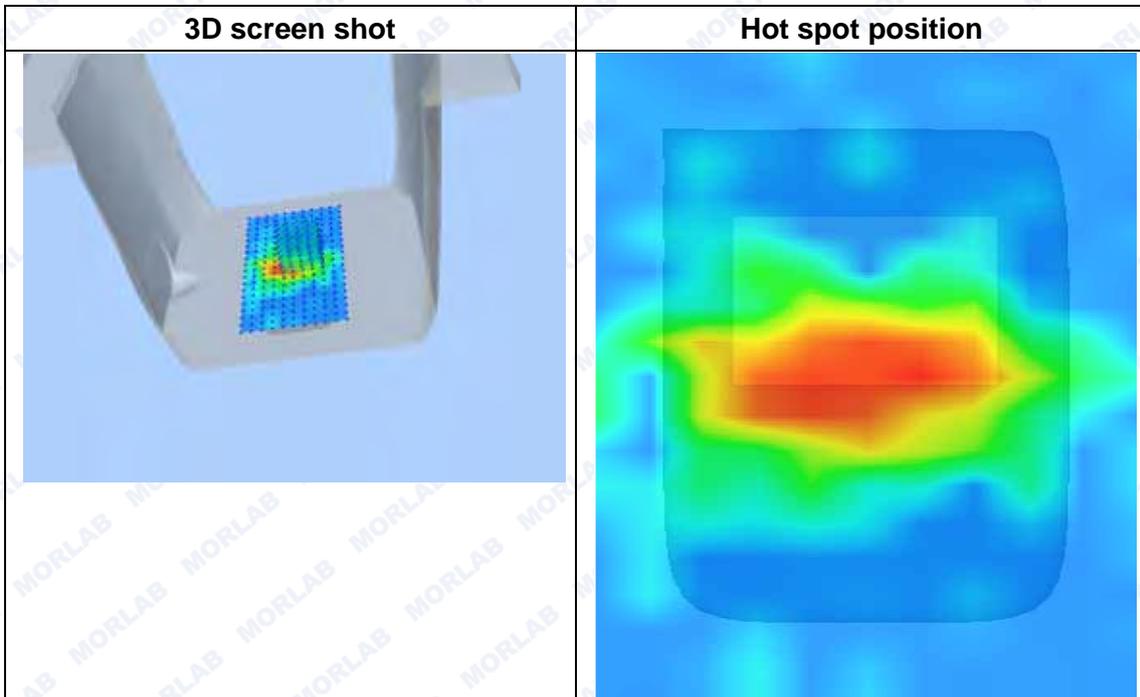
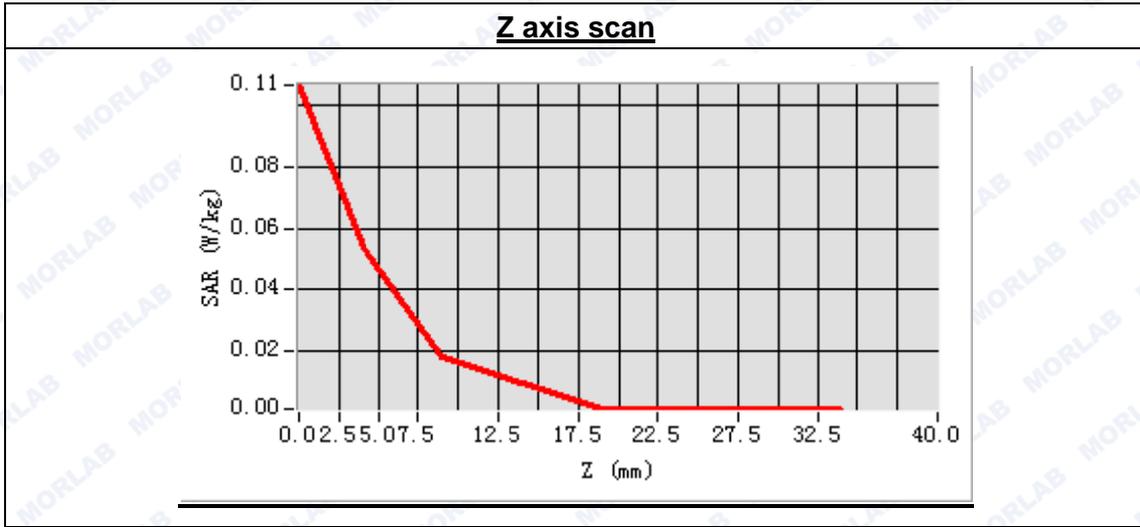




Maximum location: X=8.00, Y=1.00

SAR Peak: 0.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.057933 |
| SAR 1g (W/Kg) | 0.102041 |





MEASUREMENT 15

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2016.04.06
 Measurement duration: 8 minutes 57 seconds

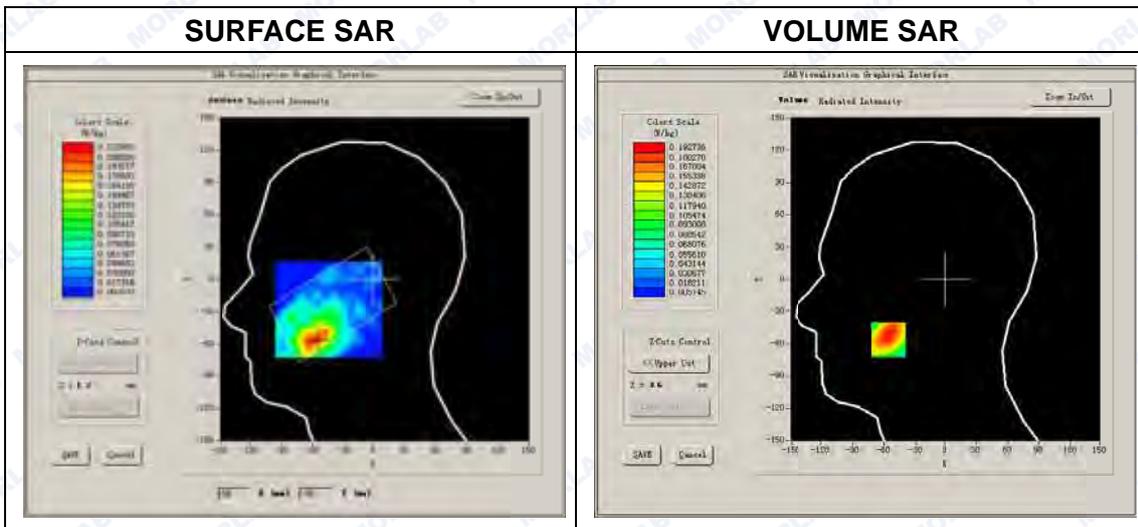
A. Experimental conditions.

| | |
|------------------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Left head |
| Device Position | Cheek |
| Band | LTE BAND 2 |
| Channels | Middle |
| Signal | QPSK_20MHz_1RB offset 0 |

B. SAR Measurement Results

Middle Band SAR (Channel 18900):

| | |
|--|-------------|
| Frequency (MHz) | 1879.500000 |
| Relative permittivity (real part) | 41.362849 |
| Conductivity (S/m) | 0.913725 |
| Power drift (%) | 1.430000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.32 |
| Crest factor: | 1:1 |

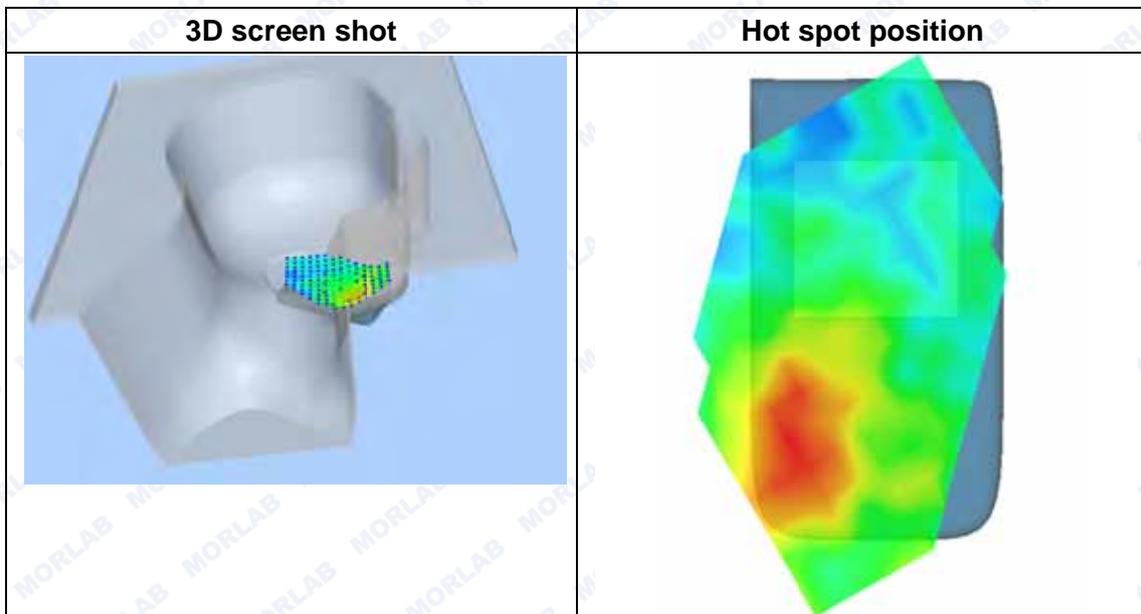
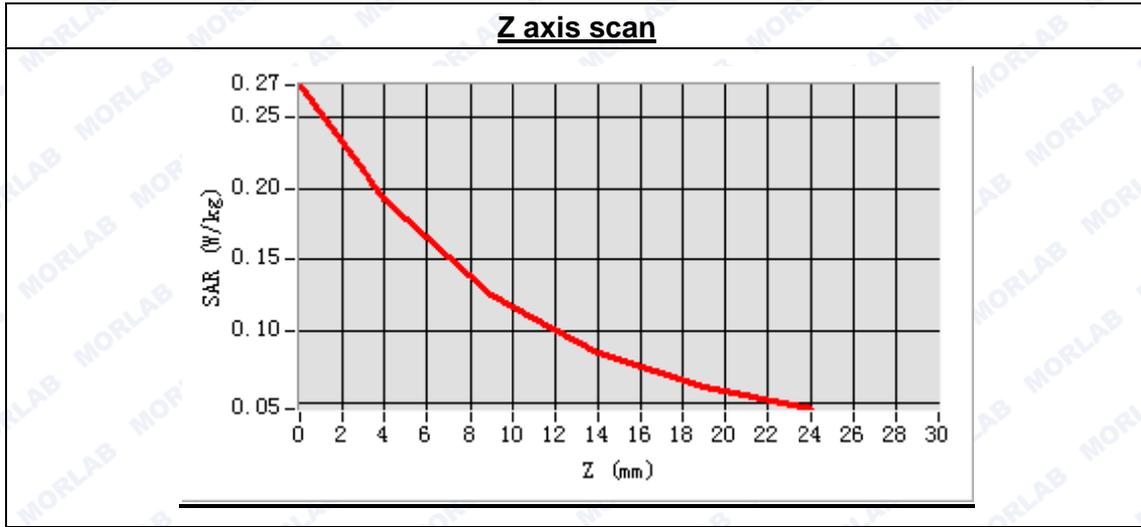




Maximum location: X=-56.00, Y=-56.00

SAR Peak: 0.34 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.118457 |
| SAR 1g (W/Kg) | 0.194215 |





MEASUREMENT 16

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2016.04.07
 Measurement duration: 9 minutes 29 seconds

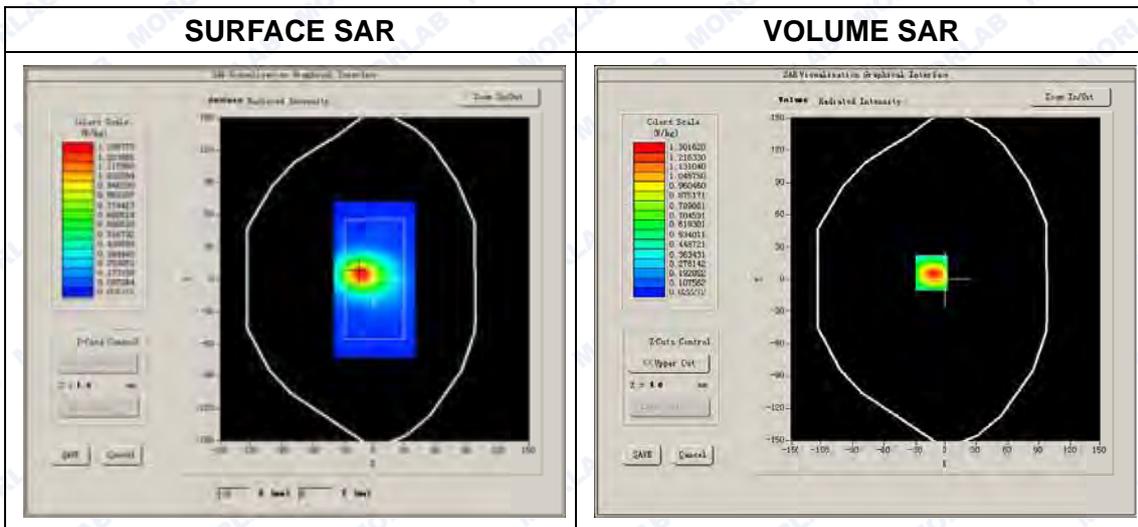
A. Experimental conditions.

| | |
|------------------------|-------------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE BAND 2 |
| Channels | Low |
| Signal | QPSK_20MHz_1RB offset 0 |

B. SAR Measurement Results

Low Band SAR (Channel 18700):

| | |
|--|-------------|
| Frequency (MHz) | 1860.000000 |
| Relative permittivity (real part) | 53.103824 |
| Conductivity (S/m) | 1.534291 |
| Power drift (%) | 1.400000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 5.53 |
| Crest factor: | 1:1 |



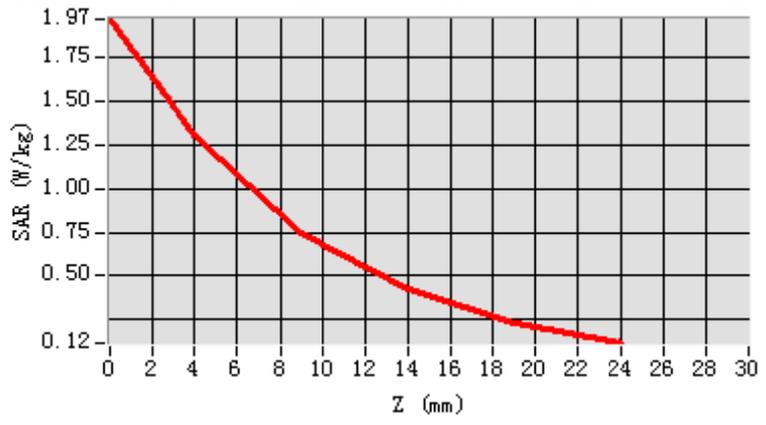


Maximum location: X=-14.00, Y=6.00

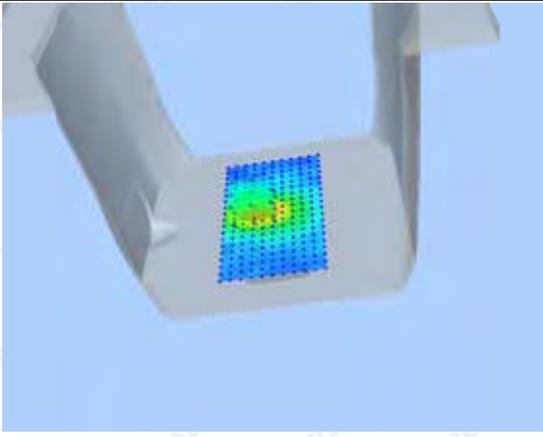
SAR Peak: 1.99 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.634889 |
| SAR 1g (W/Kg) | 1.272536 |

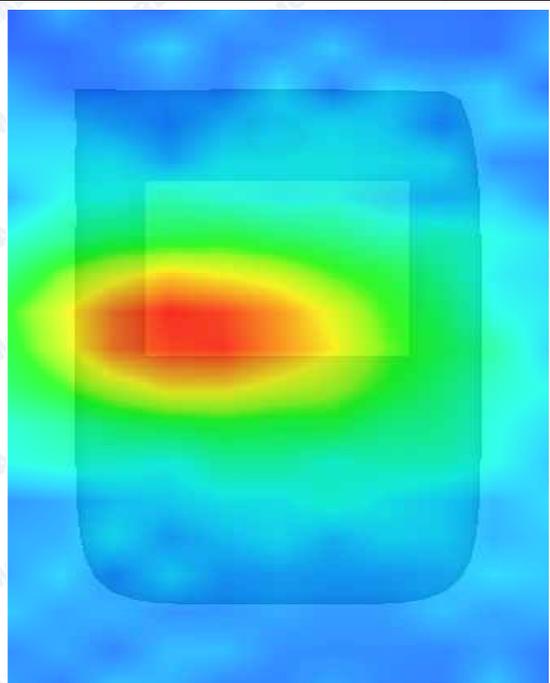
Z axis scan



3D screen shot



Hot spot position



MEASUREMENT 17

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2016.04.07

Measurement duration: 9 minutes 35 seconds

A. Experimental conditions.

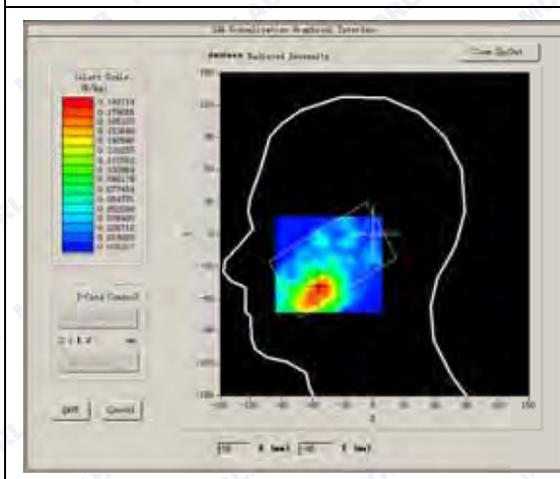
| | |
|------------------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Left head |
| Device Position | Cheek |
| Band | LTE BAND 4 |
| Channels | Middle |
| Signal | QPSK_20MHz_1RB offset 0 |

B. SAR Measurement Results

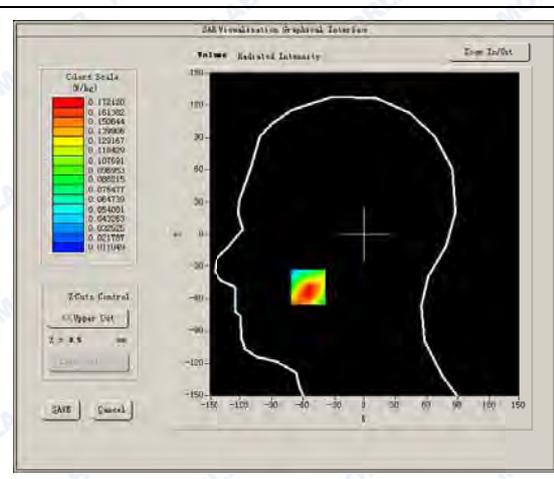
High Band SAR (Channel 20300):

| | |
|--|-------------|
| Frequency (MHz) | 1745.000000 |
| Relative permittivity (real part) | 41.362849 |
| Conductivity (S/m) | 0.913725 |
| Power drift (%) | 1.430000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 4.90 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR



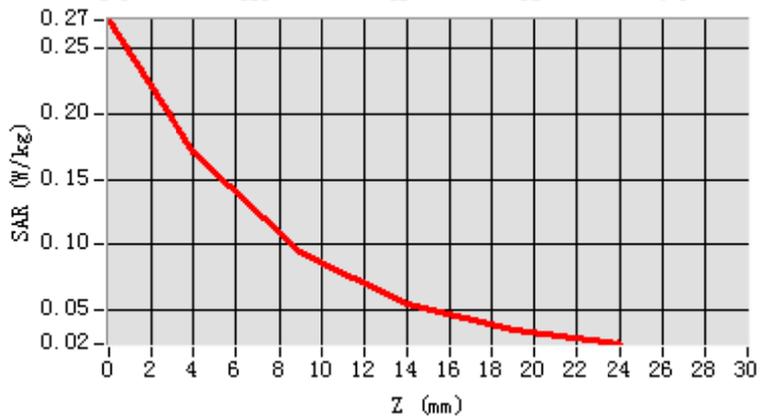


Maximum location: X=-55.00, Y=-49.00

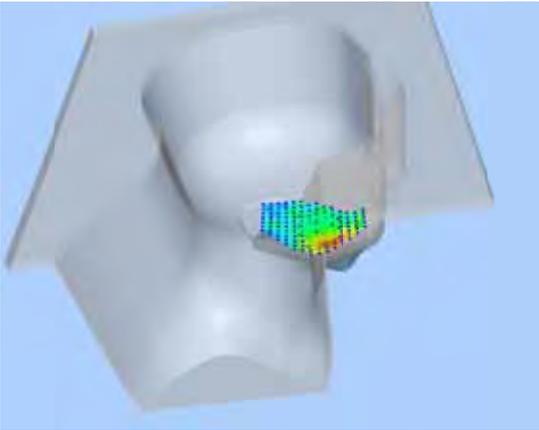
SAR Peak: 0.28 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.097085 |
| SAR 1g (W/Kg) | 0.167929 |

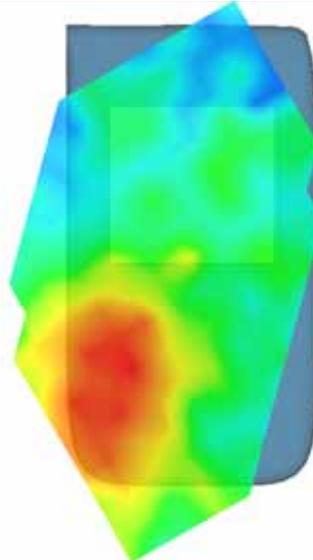
Z axis scan



3D screen shot



Hot spot position



MEASUREMENT 18

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2016.04.07

Measurement duration: 9 minutes 35 seconds

A. Experimental conditions.

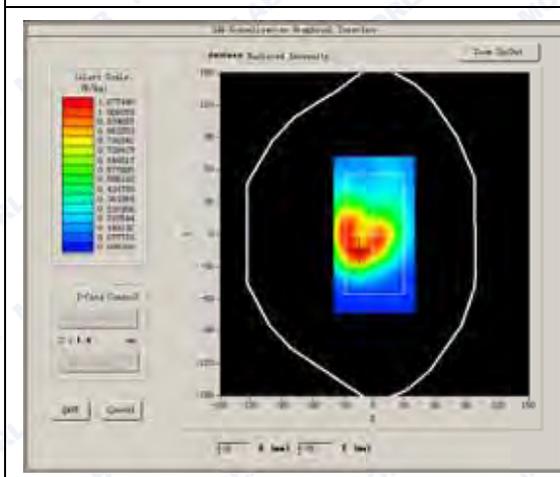
| | |
|------------------------|-------------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | LTE Band 4 |
| Channels | Low |
| Signal | QPSK_20MHz_1RB offset 0 |

B. SAR Measurement Results

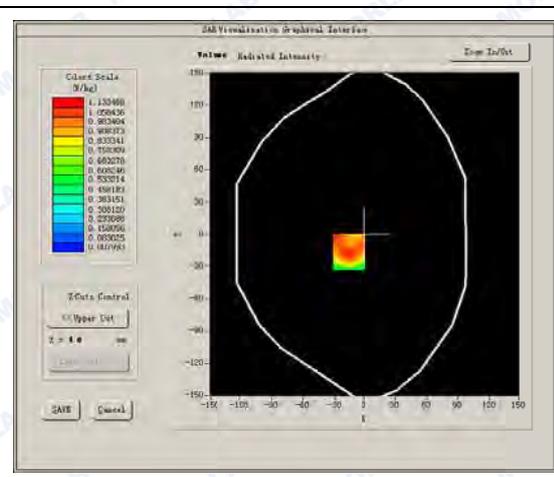
Low Band SAR (Channel 20050):

| | |
|--|-------------|
| Frequency (MHz) | 1720.000000 |
| Relative permittivity (real part) | 53.560397 |
| Conductivity (S/m) | 1.468859 |
| Power drift (%) | -0.150000 |
| Ambient Temperature: | 22.4°C |
| Liquid Temperature: | 21.9°C |
| ConvF: | 5.04 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

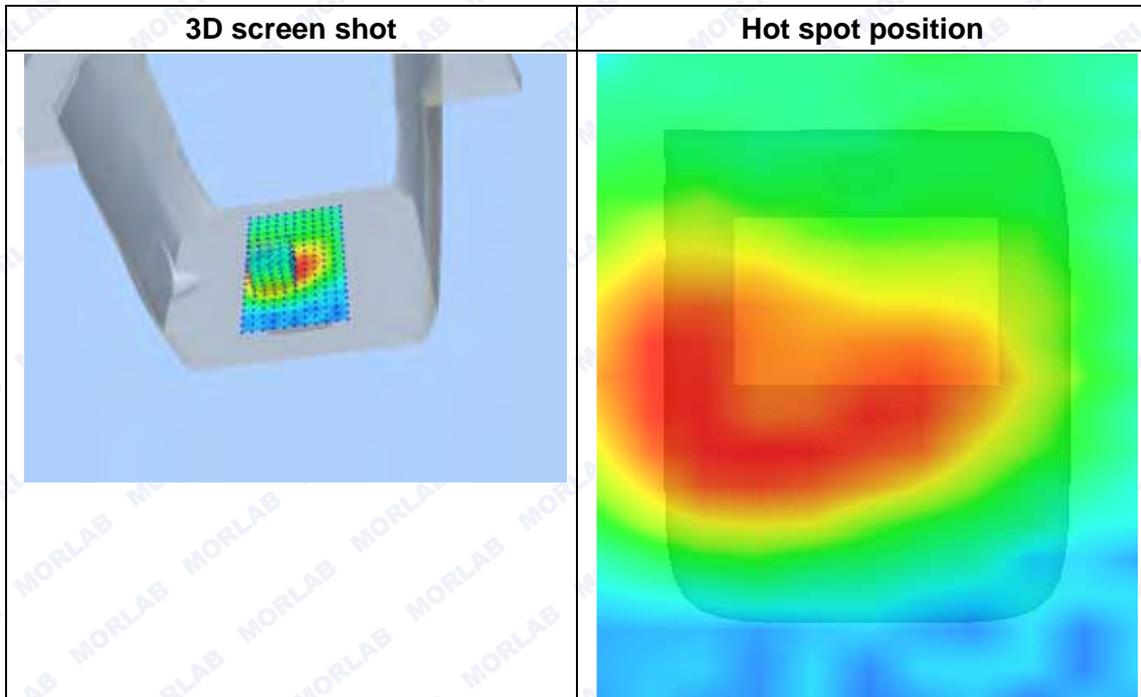
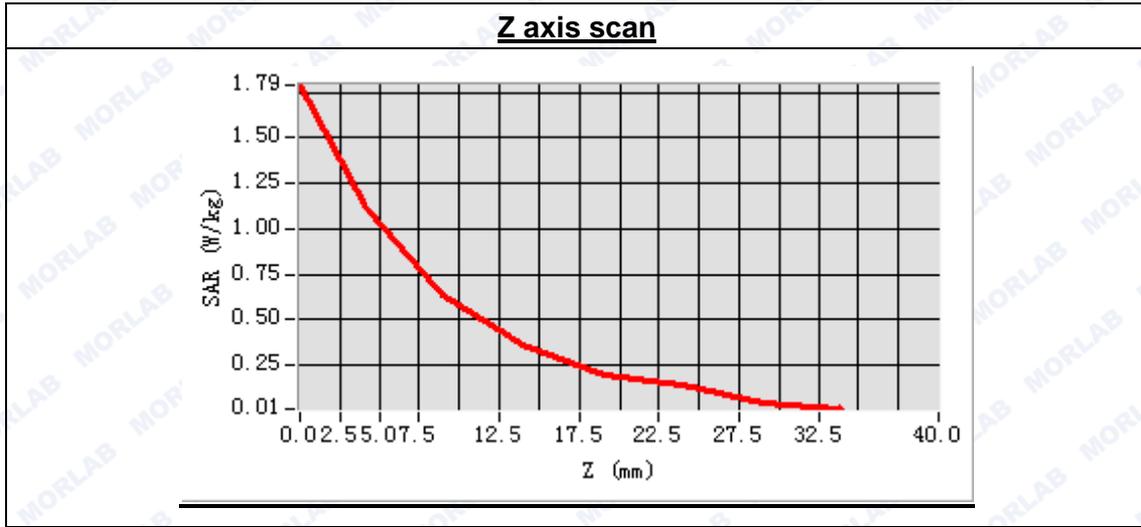




Maximum location: X=-15.00, Y=-17.00

SAR Peak: 2.00 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.633180 |
| SAR 1g (W/Kg) | 1.187359 |





MEASUREMENT 19

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2016.04.06

Measurement duration: 9 minutes 18 seconds

A. Experimental conditions.

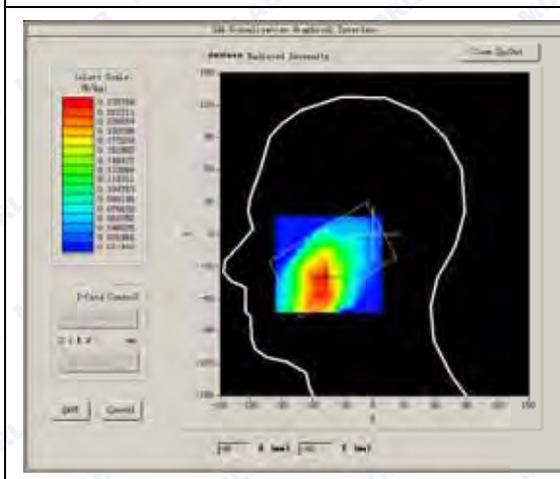
| | |
|------------------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Right head |
| Device Position | Cheek |
| Band | LTE BAND 5 |
| Channels | Middle |
| Signal | QPSK_10MHz_1RB offset 0 |

B. SAR Measurement Results

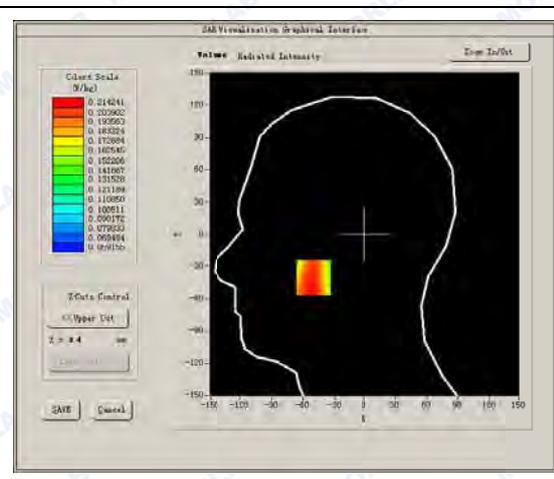
Middle Band SAR (Channel 20525):

| | |
|--|------------|
| Frequency (MHz) | 836.500000 |
| Relative permittivity (real part) | 41.362849 |
| Conductivity (S/m) | 0.913725 |
| Power drift (%) | 1.430000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 6.73 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

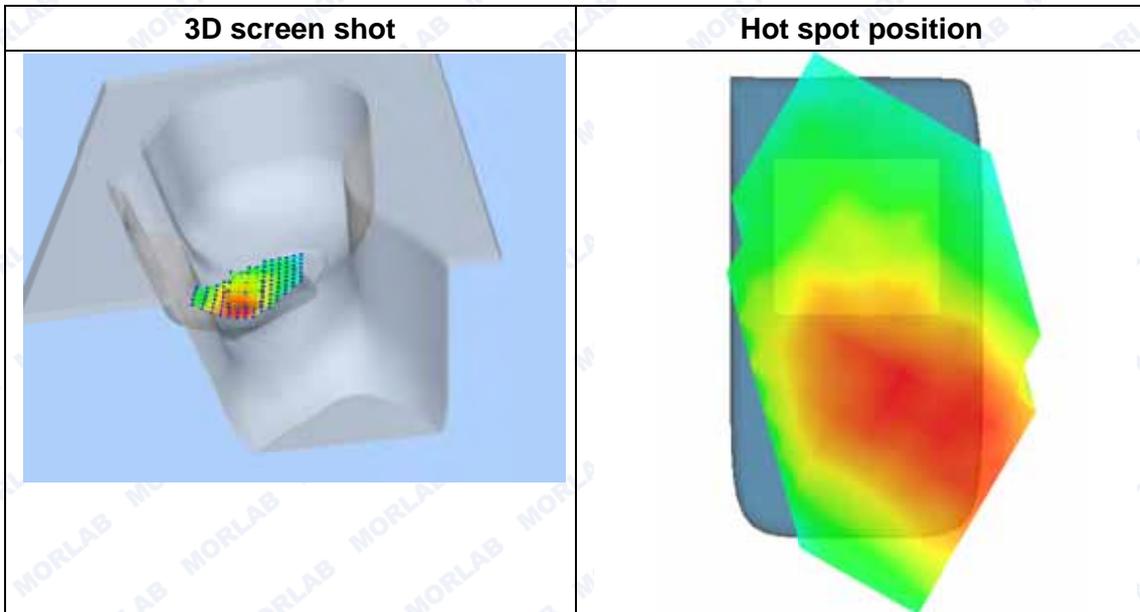
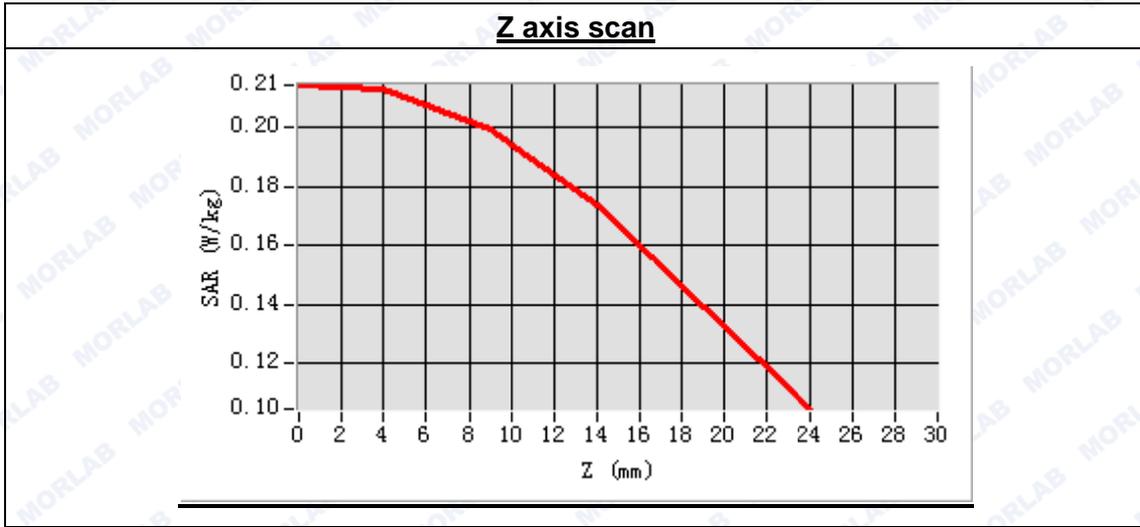




Maximum location: X=-50.00, Y=-40.00

SAR Peak: 0.26 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.174115 |
| SAR 1g (W/Kg) | 0.214227 |





MEASUREMENT 20

Type: Phone measurement (Complete)
Area scan resolution: dx=8mm,dy=8mm
Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm
Date of measurement: 2016.04.06
Measurement duration: 9 minutes 33 seconds

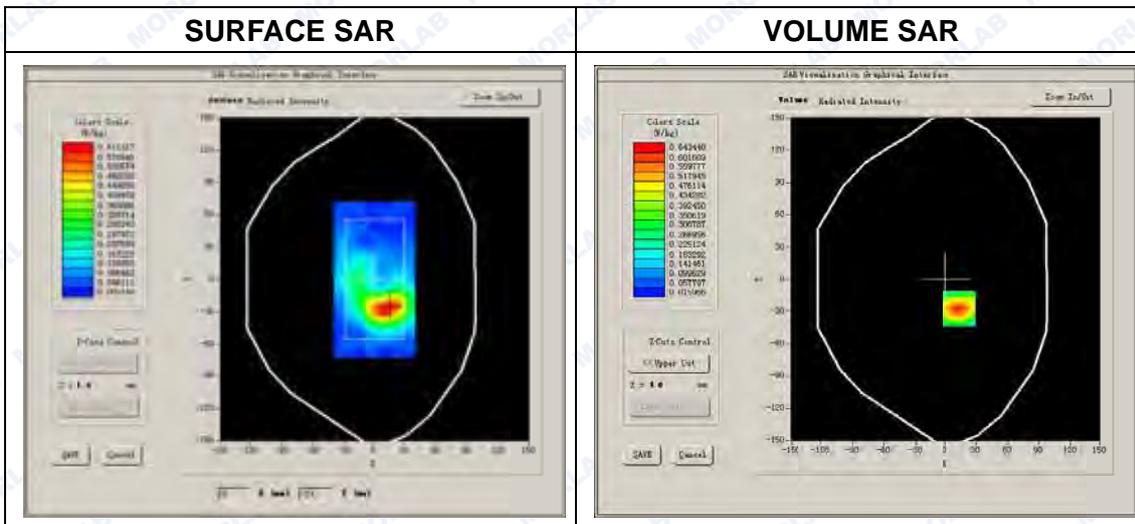
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | LTE Band 5 |
| Channels | Middle |
| Signal | QPSK_10MHz_50RB offset 0 |

B. SAR Measurement Results

Middle Band SAR (Channel 20525):

| | |
|--|------------|
| Frequency (MHz) | 836.500000 |
| Relative permittivity (real part) | 55.690245 |
| Conductivity (S/m) | 0.973542 |
| Power drift (%) | -0.150000 |
| Ambient Temperature: | 22.4°C |
| Liquid Temperature: | 21.9°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

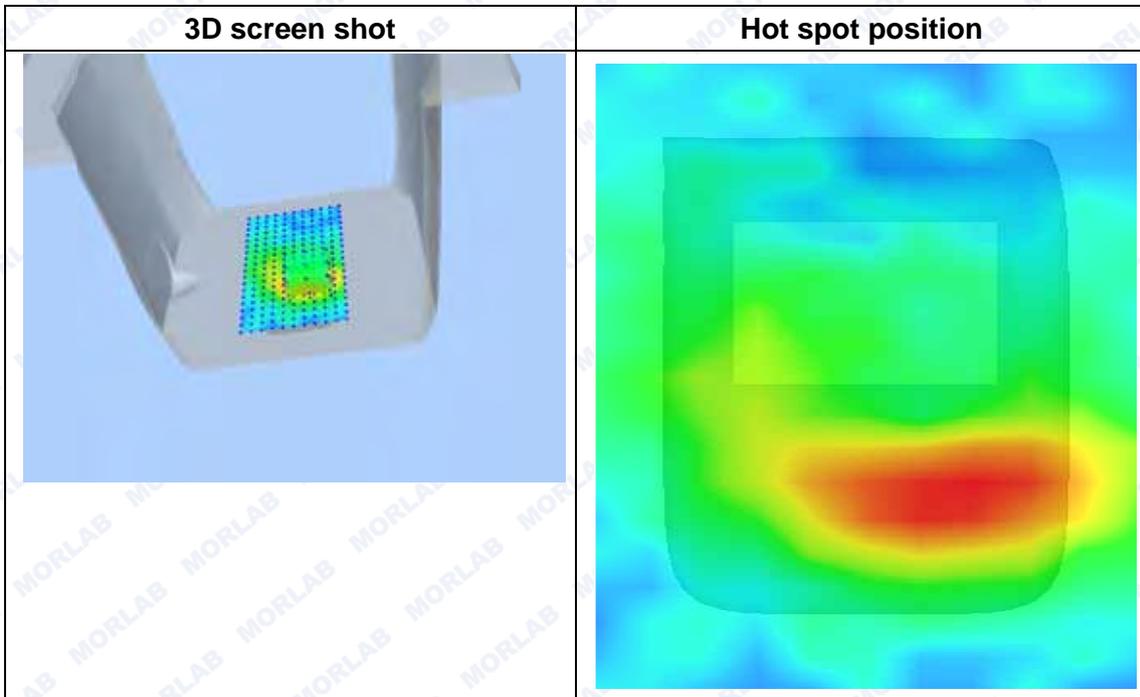
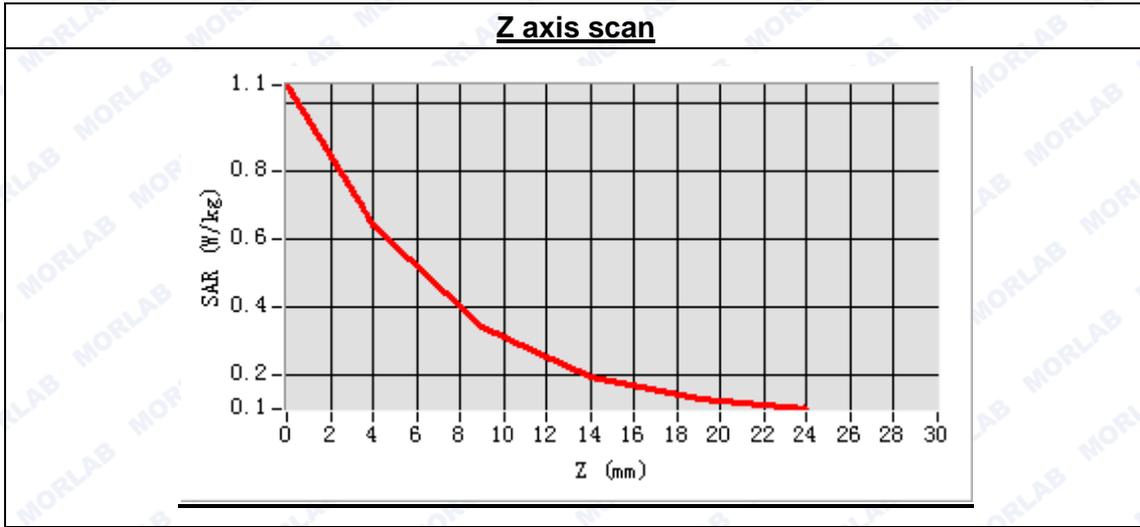




Maximum location: X=13.00, Y=-27.00

SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.354120 |
| SAR 1g (W/Kg) | 0.544242 |



MEASUREMENT 21

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2016.04.08

Measurement duration: 8 minutes 57 seconds

A. Experimental conditions.

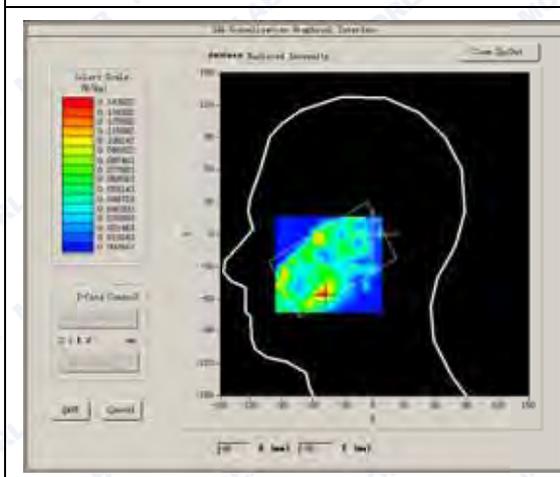
| | |
|------------------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Left head |
| Device Position | Cheek |
| Band | LTE BAND 7 |
| Channels | Middle |
| Signal | QPSK_20MHz_1RB offset 0 |

B. SAR Measurement Results

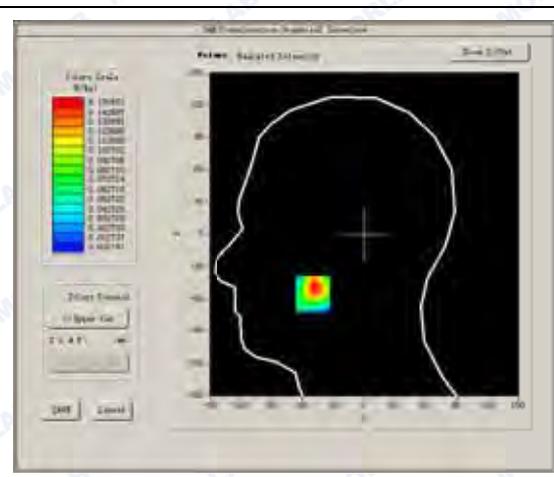
Middle Band SAR (Channel 21100):

| | |
|--|-------------|
| Frequency (MHz) | 2535.000000 |
| Relative permittivity (real part) | 38.528642 |
| Conductivity (S/m) | 1.923284 |
| Power drift (%) | 2.030000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 6.73 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

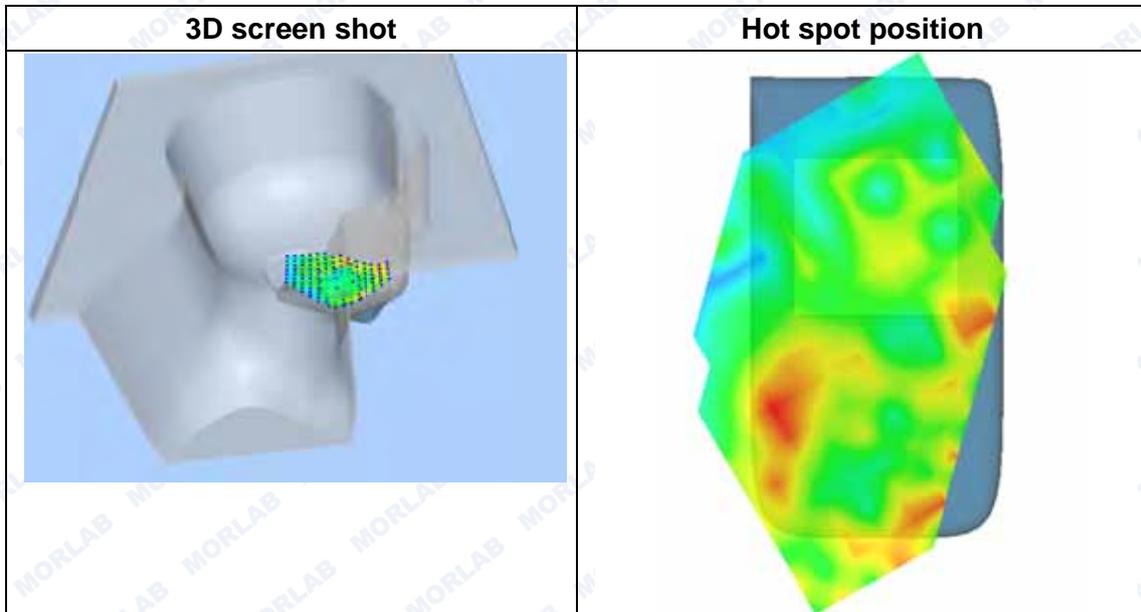
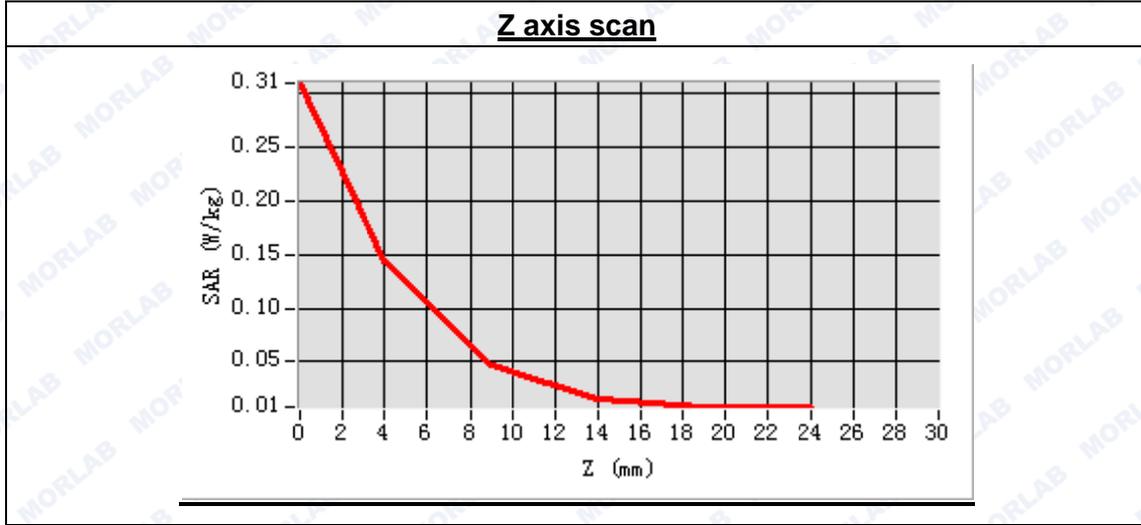




Maximum location: X=-50.00, Y=-55.00

SAR Peak: 0.34 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.072709 |
| SAR 1g (W/Kg) | 0.155564 |





MEASUREMENT 22

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm
 Date of measurement: 2016.04.08
 Measurement duration: 9 minutes 31 seconds

A. Experimental conditions.

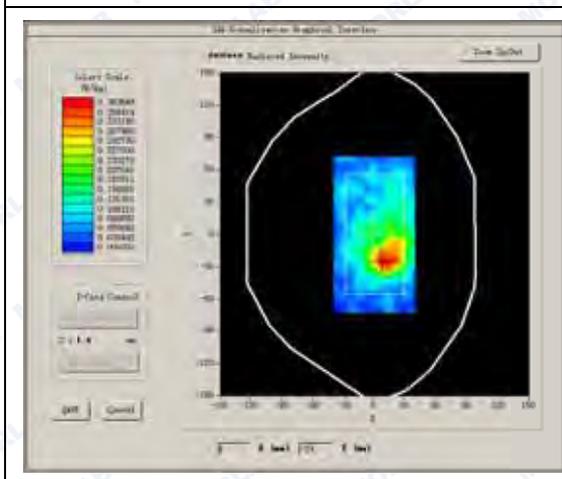
| | |
|-----------------|-------------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | LTE Band 7 |
| Channels | Middle |
| Signal | QPSK_20MHz_1RB offset 0 |

B. SAR Measurement Results

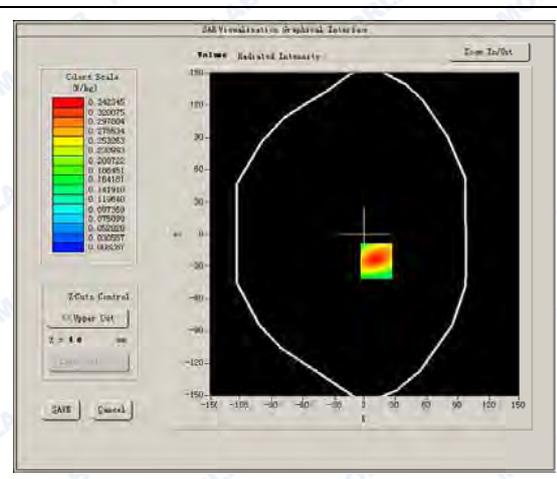
Middle Band SAR (Channel 21100):

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 2535.000000 |
| Relative permittivity (real part) | 52.453205 |
| Conductivity (S/m) | 2.098547 |
| Power drift (%) | 1.050000 |
| Ambient Temperature: | 22.4°C |
| Liquid Temperature: | 21.9°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

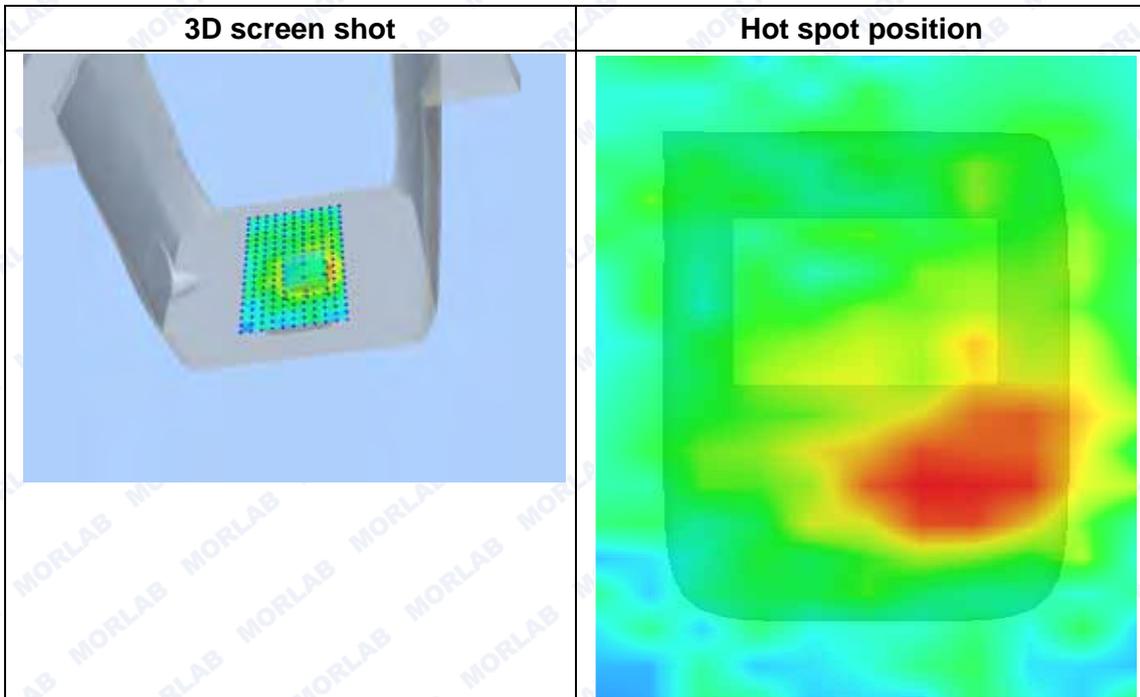
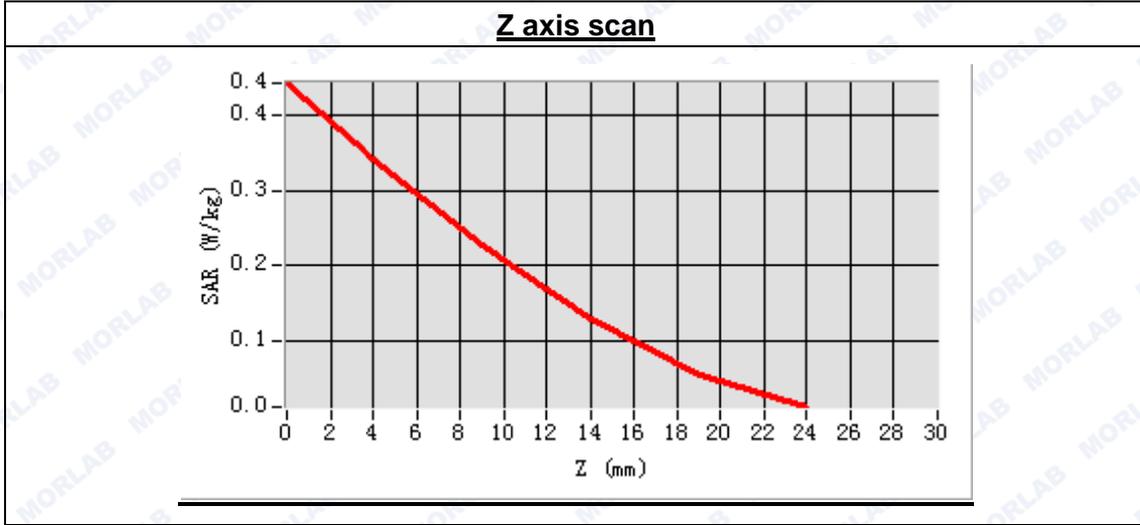




Maximum location: X=11.00, Y=-25.00

SAR Peak: 0.61 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.193775 |
| SAR 1g (W/Kg) | 0.357555 |



MEASUREMENT 23

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2016.04.08

Measurement duration: 9 minutes 31 seconds

A. Experimental conditions.

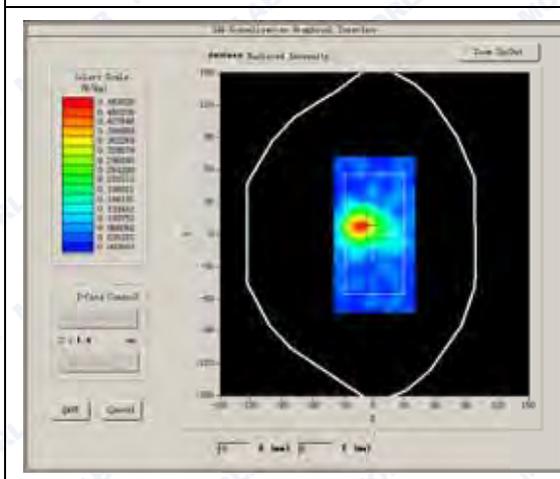
| | |
|------------------------|-------------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | LTE Band 7 |
| Channels | Middle |
| Signal | QPSK_20MHz_1RB offset 0 |

B. SAR Measurement Results

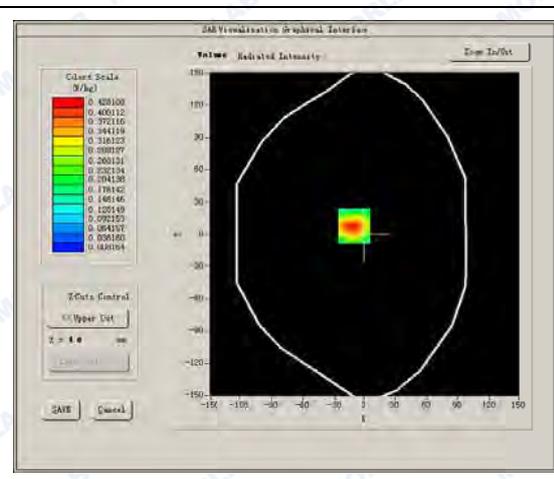
Middle Band SAR (Channel 21100):

| | |
|--|-------------|
| Frequency (MHz) | 2535.000000 |
| Relative permittivity (real part) | 52.453205 |
| Conductivity (S/m) | 2.098547 |
| Power drift (%) | 1.050000 |
| Ambient Temperature: | 22.4°C |
| Liquid Temperature: | 21.9°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

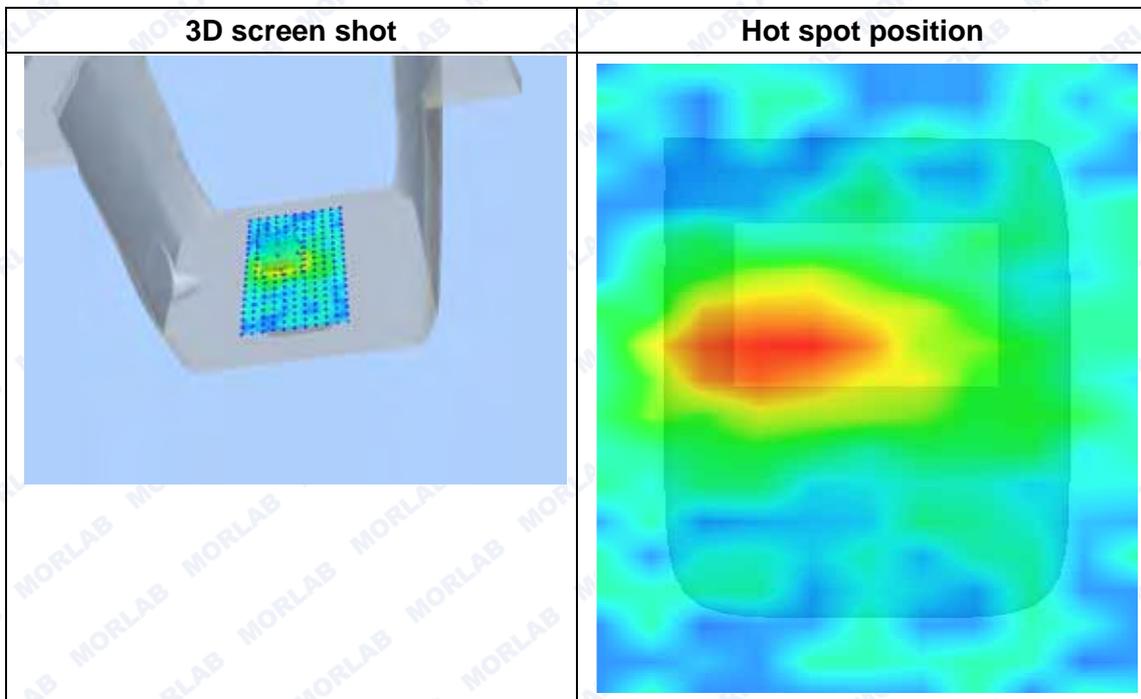
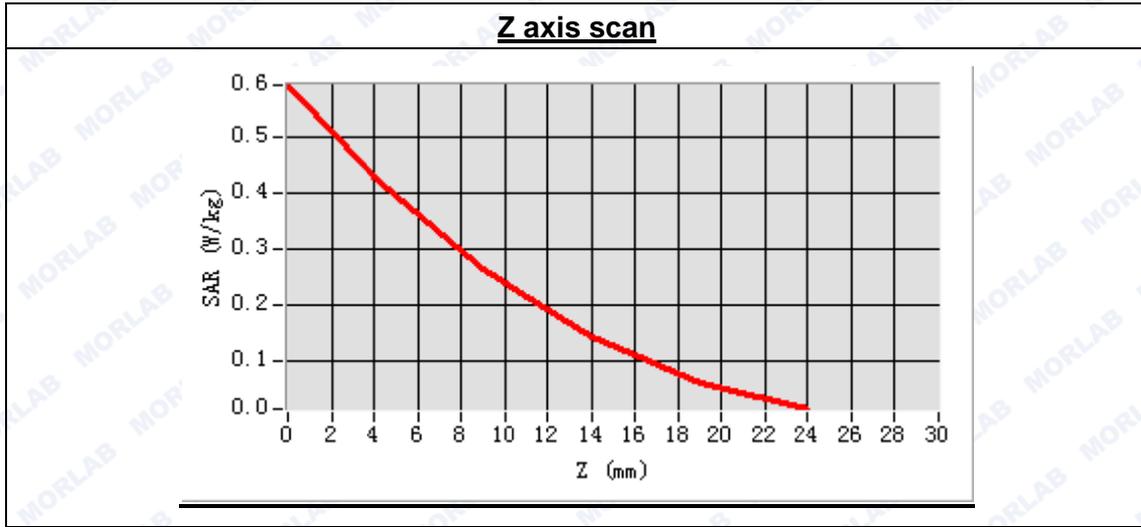




Maximum location: X=-10.00, Y=8.00

SAR Peak: 0.86 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.232149 |
| SAR 1g (W/Kg) | 0.452820 |





MEASUREMENT 24

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2016.04.06

Measurement duration: 9 minutes 18 seconds

A. Experimental conditions.

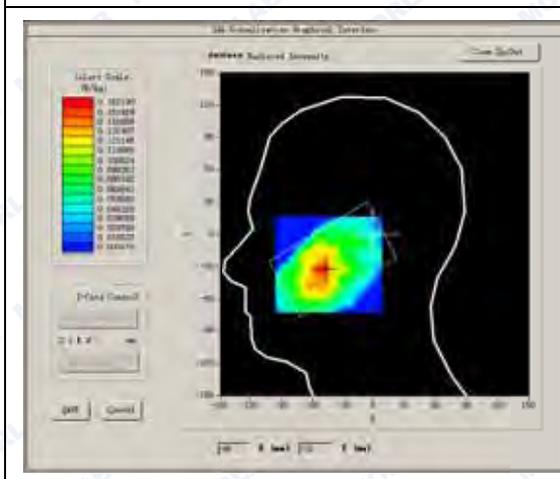
| | |
|------------------------|-------------------------------|
| Phantom File | sam_direct_droit2_surf8mm.txt |
| Phantom | Left head |
| Device Position | Cheek |
| Band | LTE BAND 28 |
| Channels | Middle |
| Signal | QPSK_5MHz_1RB offset 0 |

B. SAR Measurement Results

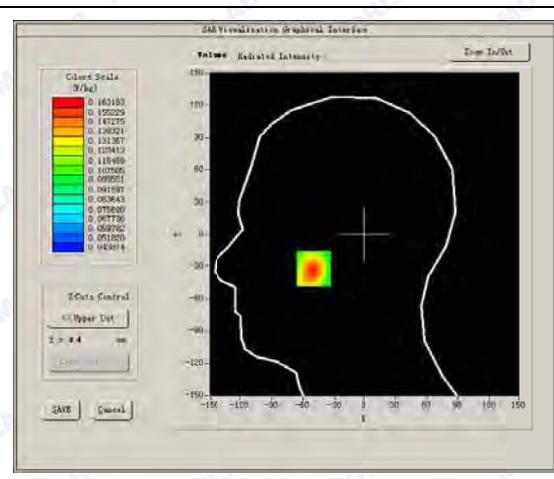
Middle Band SAR (Channel 27610):

| | |
|--|------------|
| Frequency (MHz) | 743.000000 |
| Relative permittivity (real part) | 41.203541 |
| Conductivity (S/m) | 0.912054 |
| Power drift (%) | 2.430000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 6.73 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR

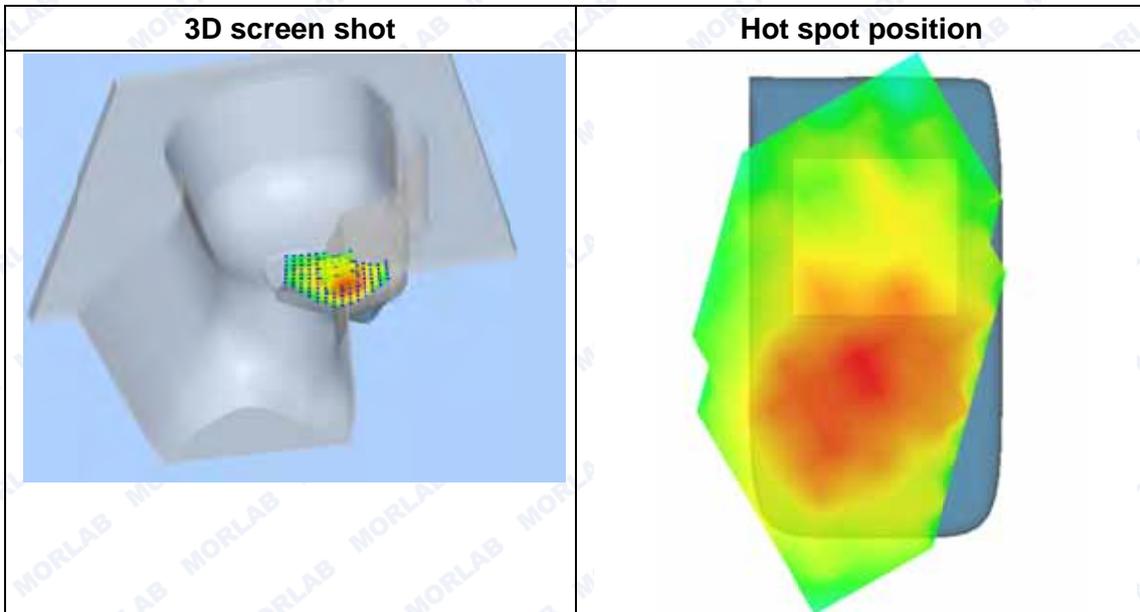
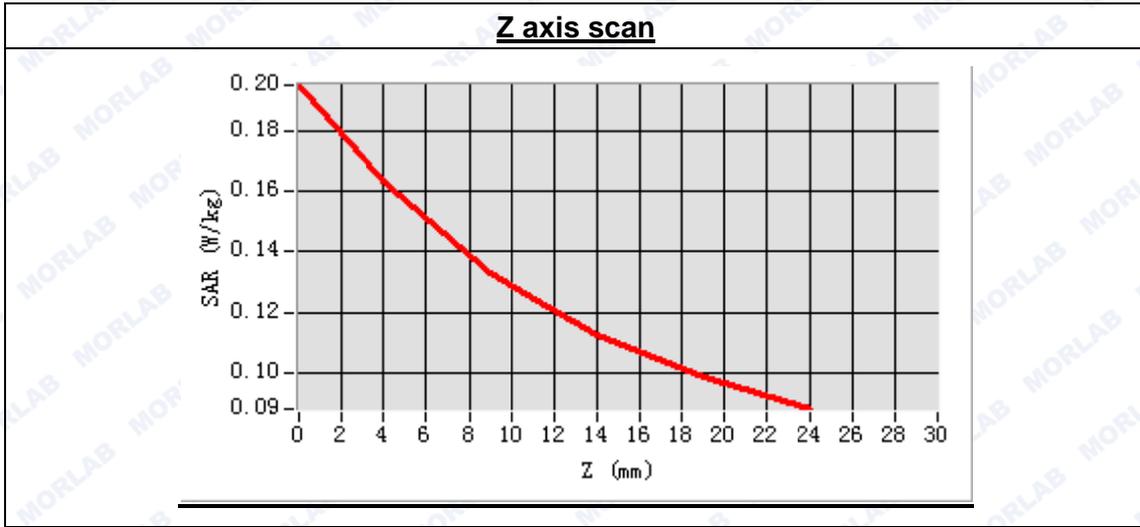




Maximum location: X=-50.00, Y=-32.00

SAR Peak: 0.20 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.123523 |
| SAR 1g (W/Kg) | 0.160260 |





MEASUREMENT 25

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2016.04.06

Measurement duration: 9 minutes 33 seconds

A. Experimental conditions.

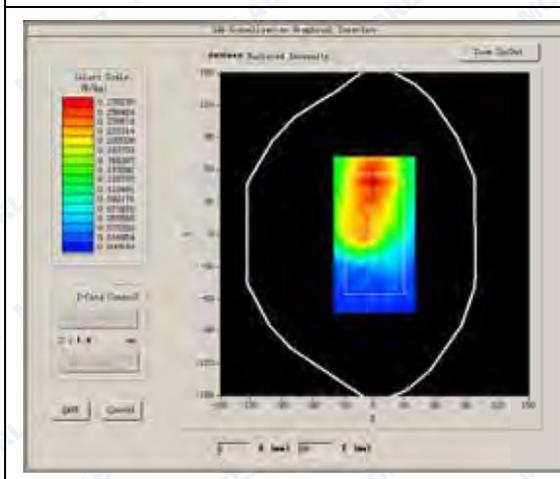
| | |
|------------------------|------------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat Plane |
| Device Position | Body |
| Band | LTE BAND 28 |
| Channels | Middle |
| Signal | QPSK_5MHz_1RB offset 0 |

B. SAR Measurement Results

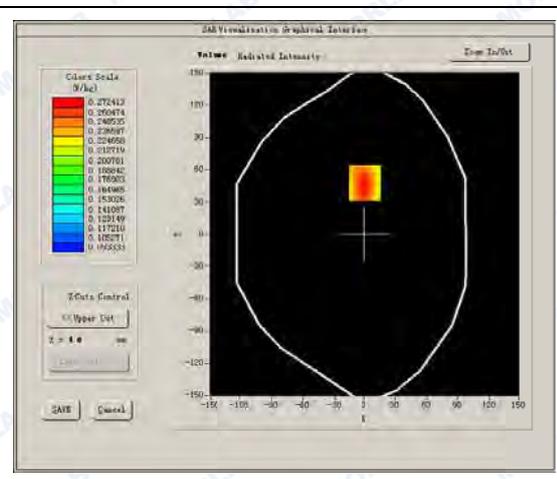
Middle Band SAR (Channel 27610):

| | |
|--|------------|
| Frequency (MHz) | 743.000000 |
| Relative permittivity (real part) | 54.483215 |
| Conductivity (S/m) | 0.928654 |
| Power drift (%) | -0.150000 |
| Ambient Temperature: | 22.4°C |
| Liquid Temperature: | 21.9°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



VOLUME SAR





Maximum location: X=0.00, Y=48.00

SAR Peak: 0.38 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.243065 |
| SAR 1g (W/Kg) | 0.318242 |

