

**ANNEX A PLOTS OF SAR TEST RESULTS****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: 2017.08.08

Measurement duration: 13 minutes 13 seconds

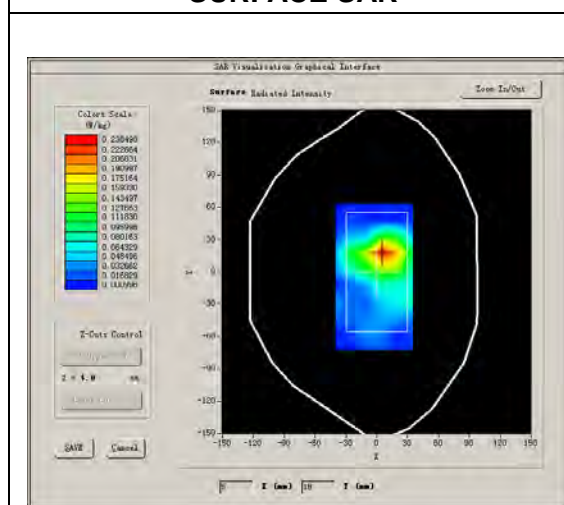
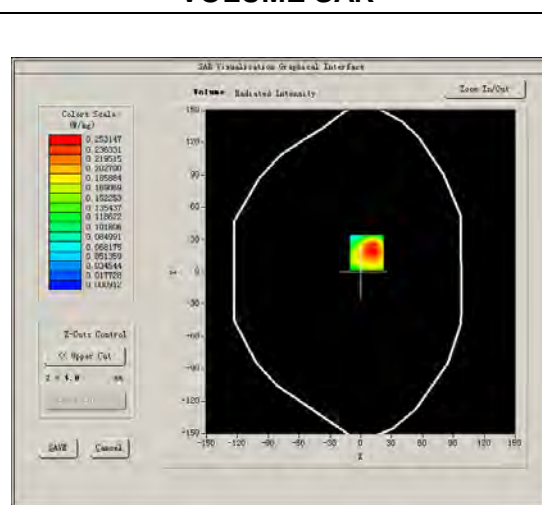
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

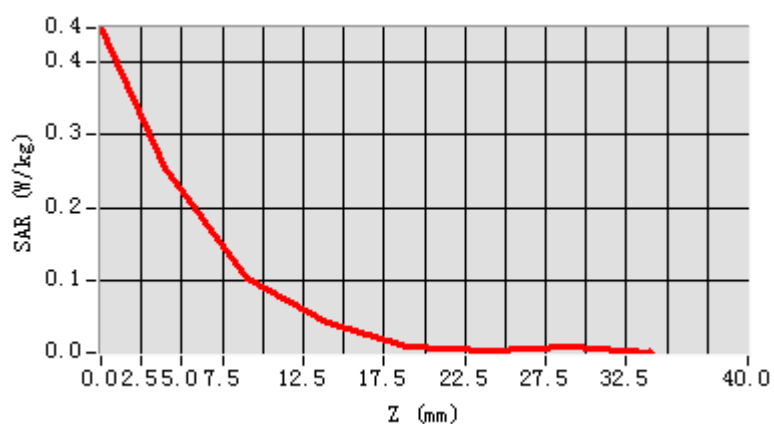
SURFACE SAR**VOLUME SAR**

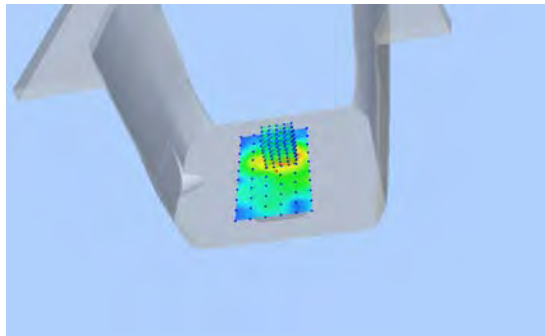
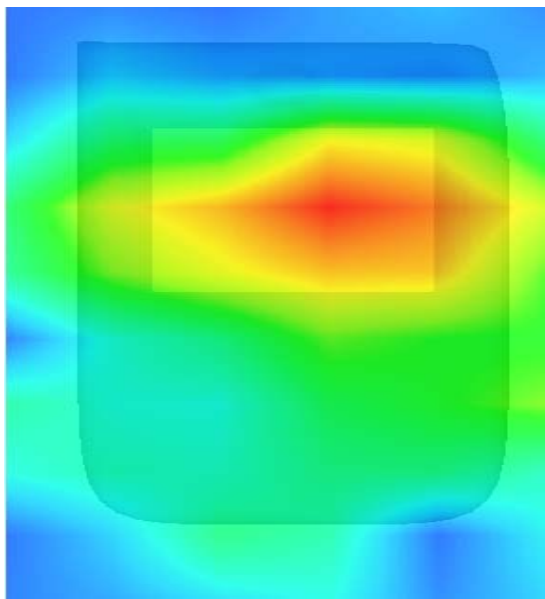
Maximum location: X=6.00, Y=18.00

SAR Peak: 0.48 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.113109 |
| SAR 1g (W/Kg) | 0.246472 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.4468 | 0.2531 | 0.1035 | 0.0421 | 0.0084 | 0.0036 | 0.0082 |



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



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: 2017.08.08

Measurement duration: 13 minutes 6 seconds

A. Experimental conditions.

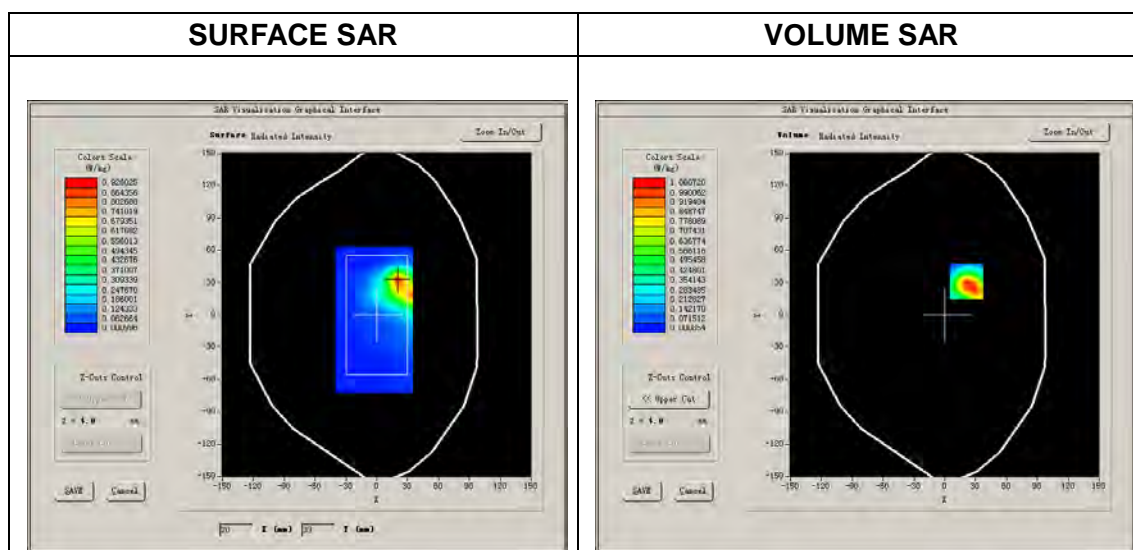
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



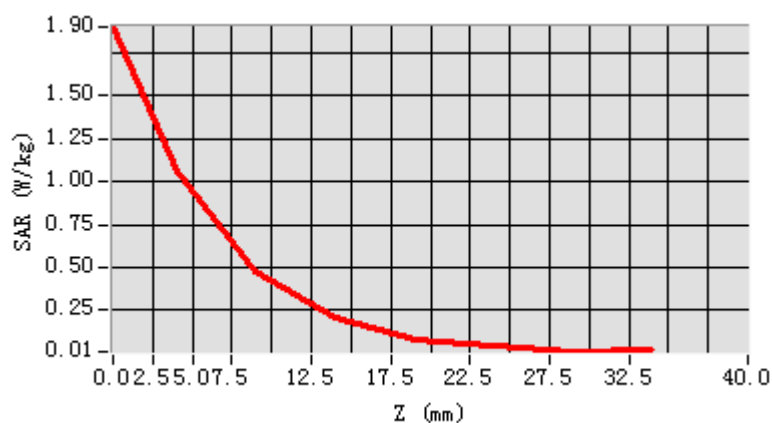


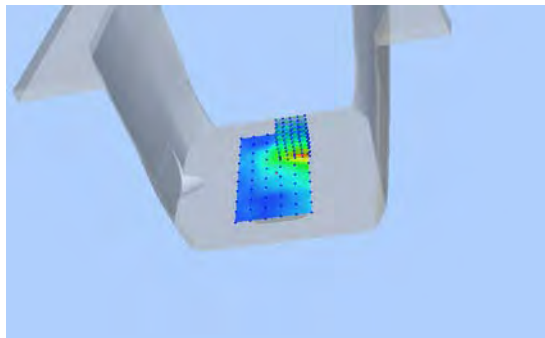
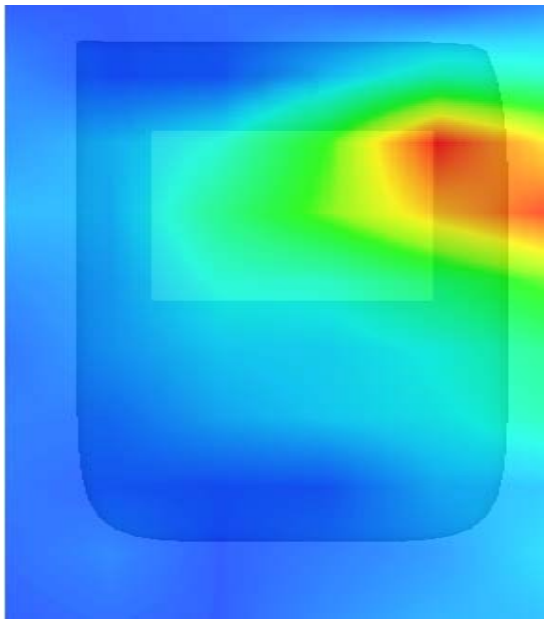
Maximum location: X=21.00, Y=31.00

SAR Peak: 2.07 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.451185 |
| SAR 1g (W/Kg) | 0.724633 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.9026 | 1.0607 | 0.4712 | 0.2102 | 0.0831 | 0.0490 | 0.0086 |



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

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: 2017.08.08

Measurement duration: 13 minutes 6 seconds

A. Experimental conditions.

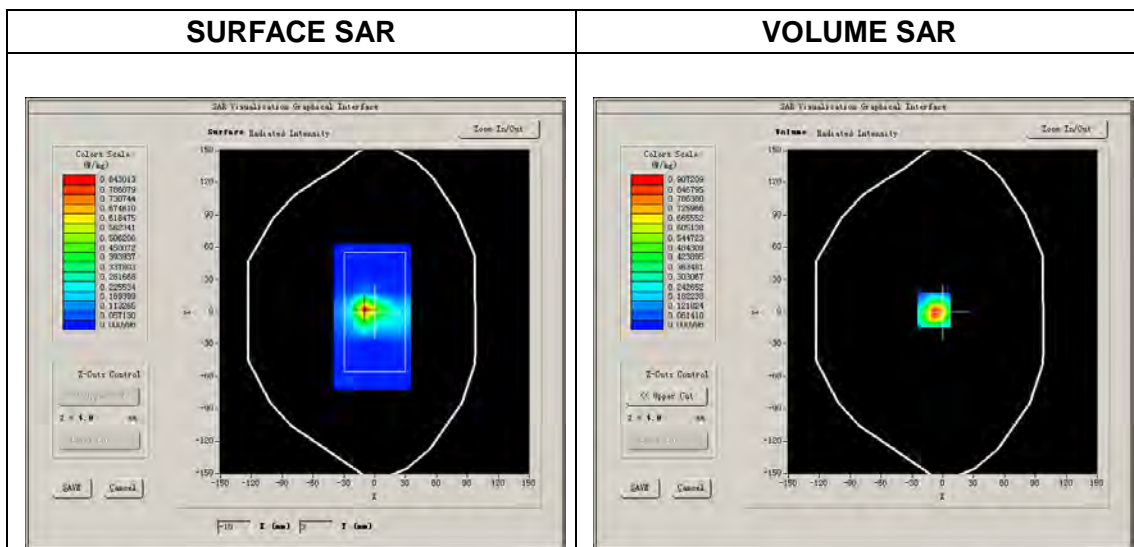
| | |
|------------------------|-------------------|
| <u>Phantom File</u> | surf_sam_plan.txt |
| <u>Phantom</u> | Validation plane |
| <u>Device Position</u> | Body |
| <u>Band</u> | 802.11b |
| <u>Channels</u> | High |
| <u>Signal</u> | DSSS |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR

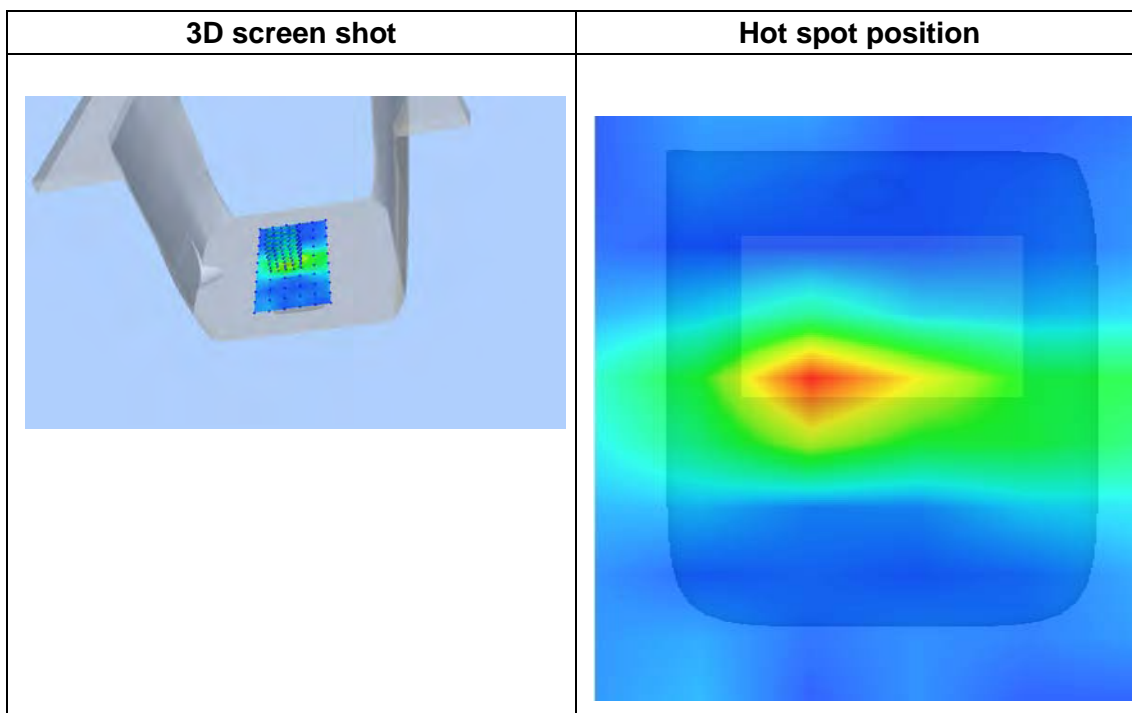
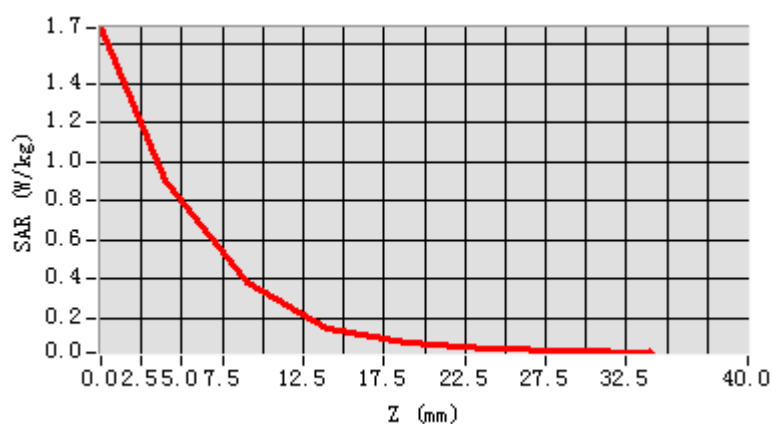


Maximum location: X=-9.00, Y=2.00

SAR Peak: 1.76 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.121905 |
| SAR 1g (W/Kg) | 0.343926 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 1.6834 | 0.9072 | 0.3762 | 0.1458 | 0.0748 | 0.0413 | 0.0311 |



**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: 2017.08.08

Measurement duration: 13 minutes 6 seconds

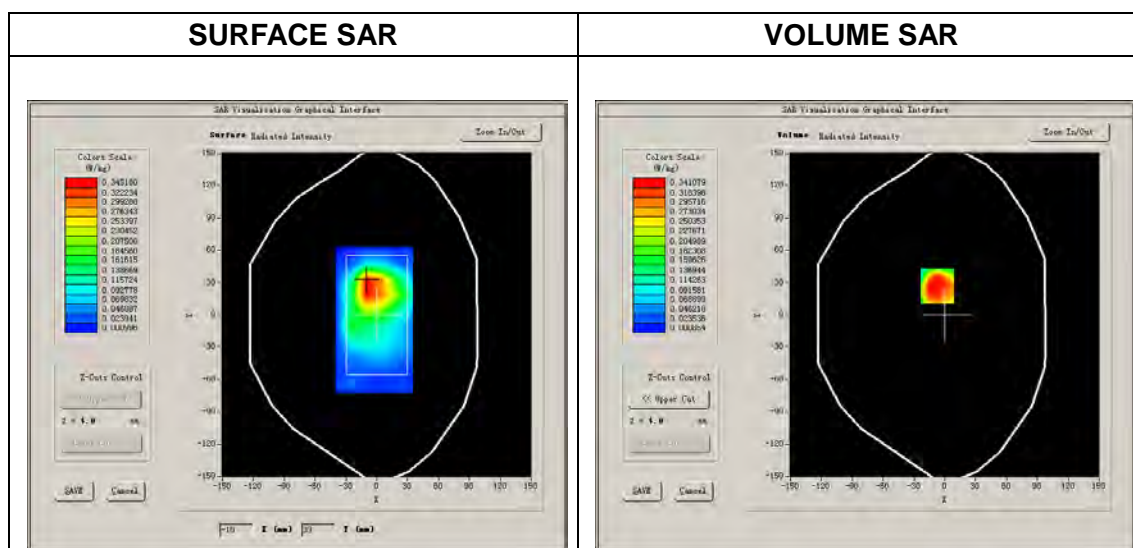
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



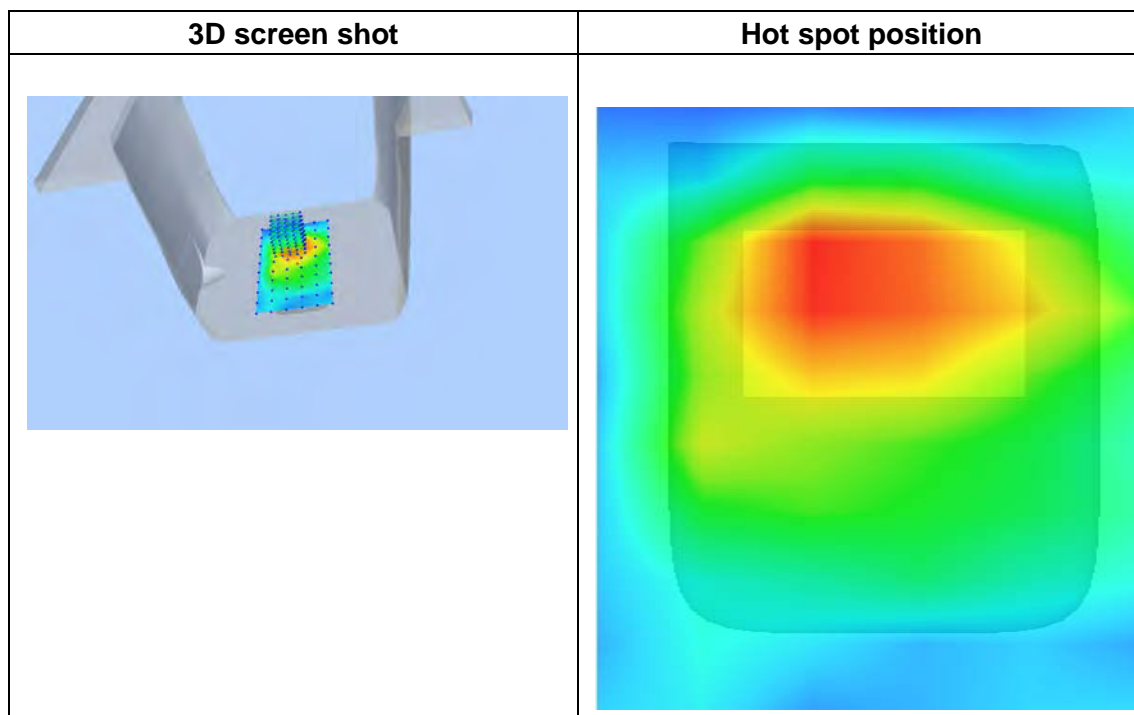
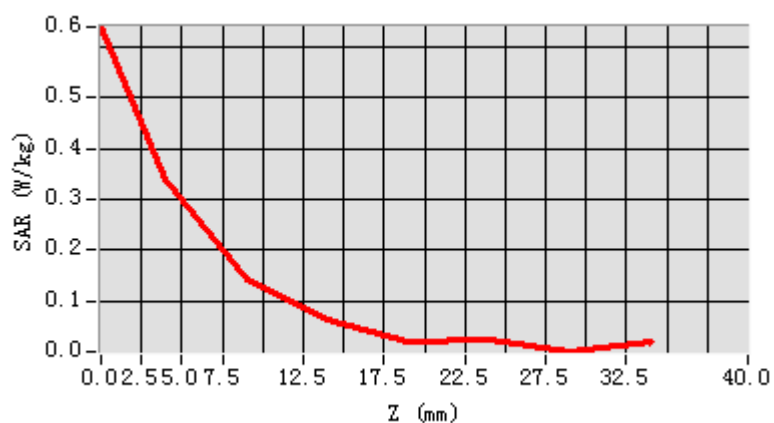
REPORT No. : SZ17040265S01

Maximum location: X=-7.00, Y=27.00

SAR Peak: 0.67 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.163235 |
| SAR 1g (W/Kg) | 0.351181 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.6385 | 0.3411 | 0.1432 | 0.0627 | 0.0189 | 0.0234 | 0.0010 |



**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: 2017.08.08

Measurement duration: 13 minutes 7 seconds

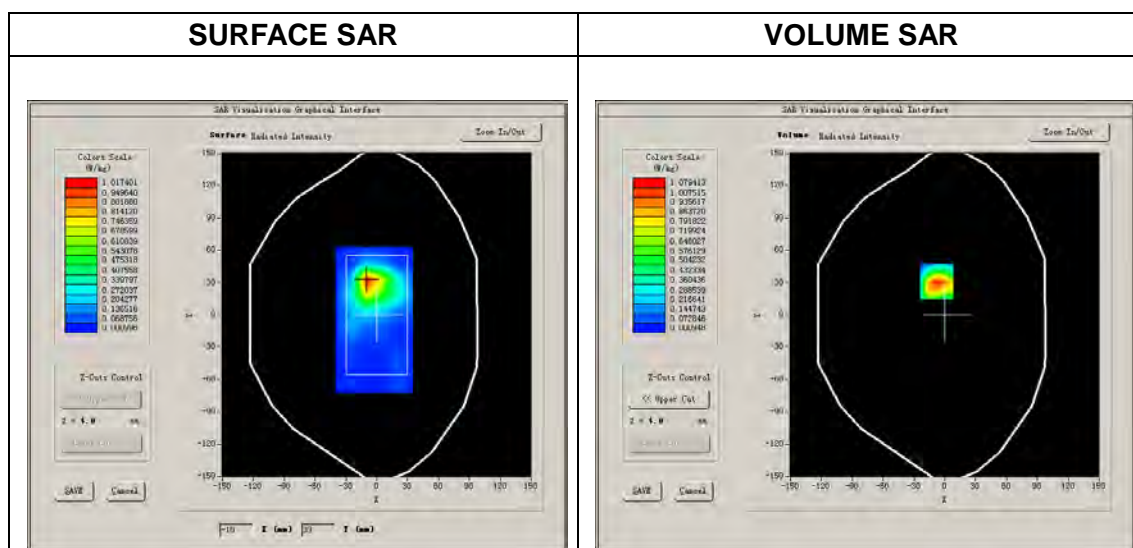
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



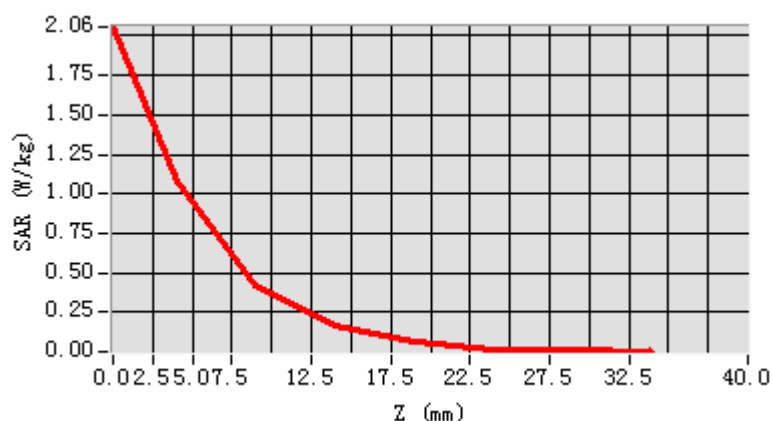
REPORT No. : SZ17040265S01

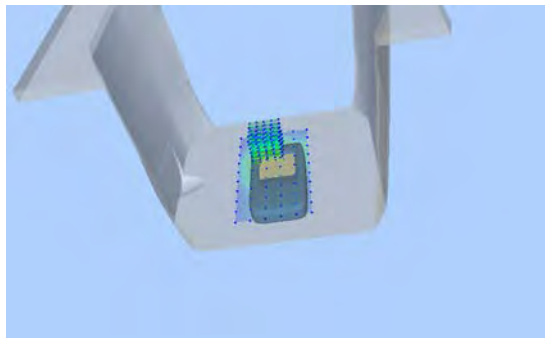
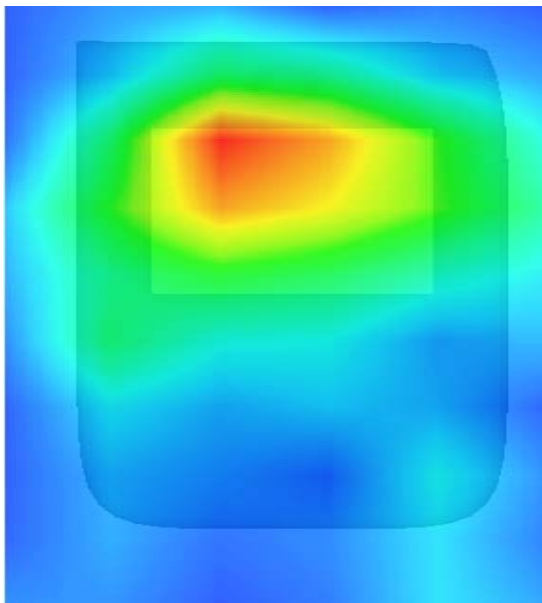
Maximum location: X=-8.00, Y=31.00

SAR Peak: 2.03 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.430662 |
| SAR 1g (W/Kg) | 0.716615 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 2.0560 | 1.0794 | 0.4140 | 0.1654 | 0.0600 | 0.0185 | 0.0094 |



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



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: 2017.08.01

Measurement duration: 13 minutes 56 seconds

A. Experimental conditions.

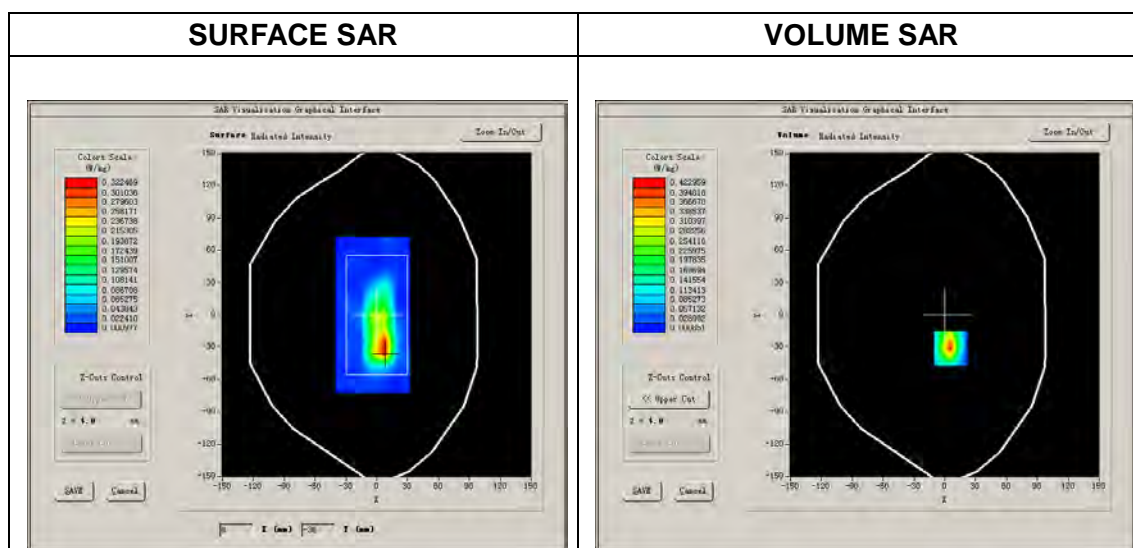
| | |
|------------------------|--------------------------------------|
| <u>Area Scan</u> | <u>surf_sam_plan.txt, h= 5.00 mm</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

High Band SAR (Channel 11)

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





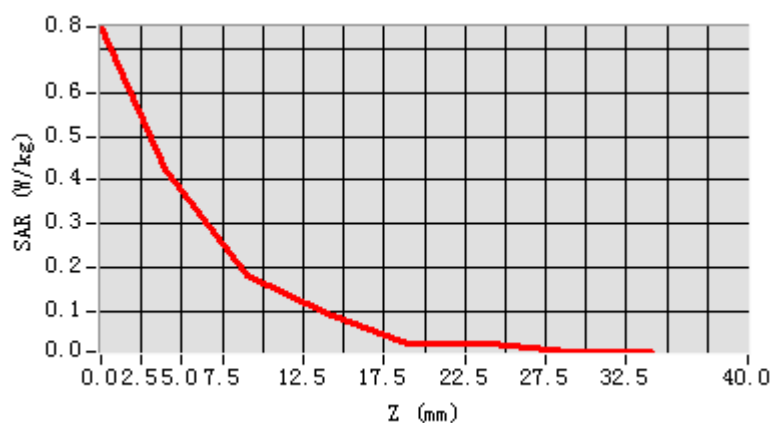
REPORT No. : SZ17040265S01

Maximum location: X=6.00, Y=-31.00

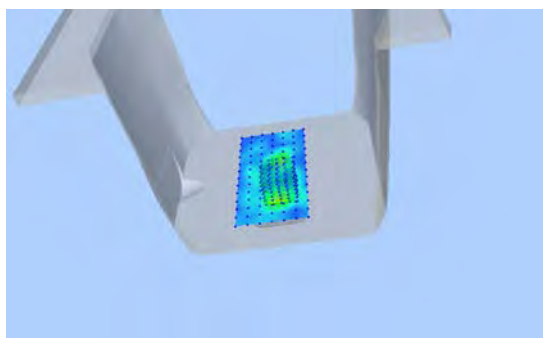
SAR Peak: 0.75 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.113297 |
| SAR 1g (W/Kg) | 0.300286 |

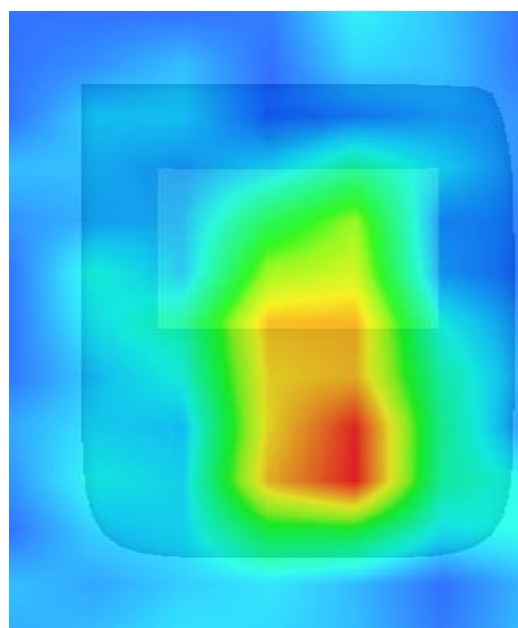
| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.7509 | 0.4230 | 0.1821 | 0.0951 | 0.0230 | 0.0260 | 0.0066 |



3D screen shot



Hot spot position



**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: 2017.08.01

Measurement duration: 13 minutes 0 seconds

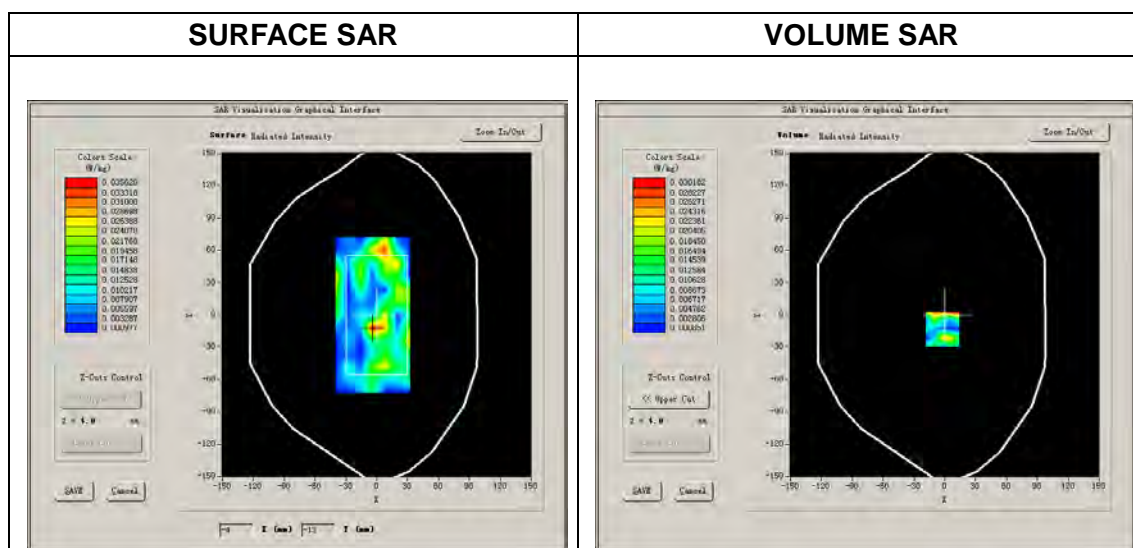
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Area Scan</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

High Band SAR (Channel 11)

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



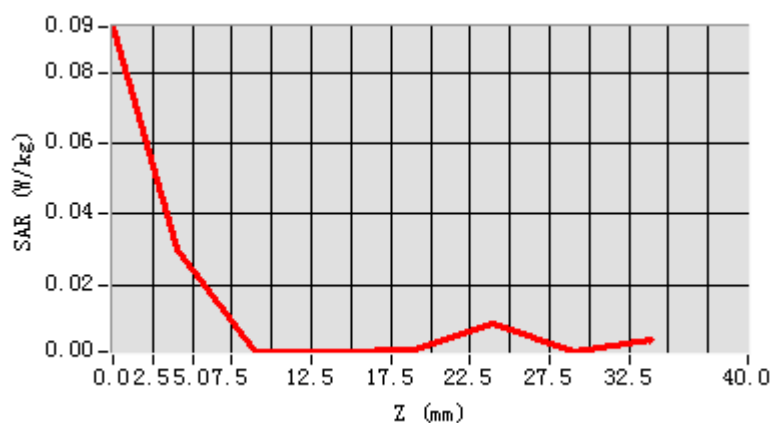
REPORT No. : SZ17040265S01

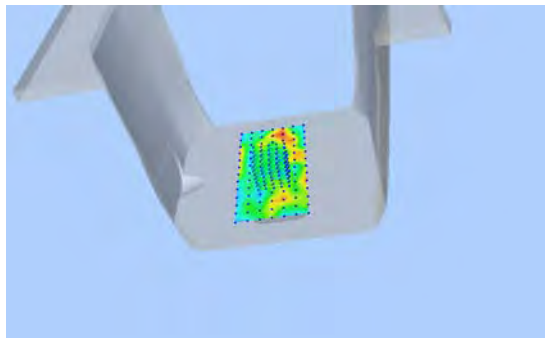
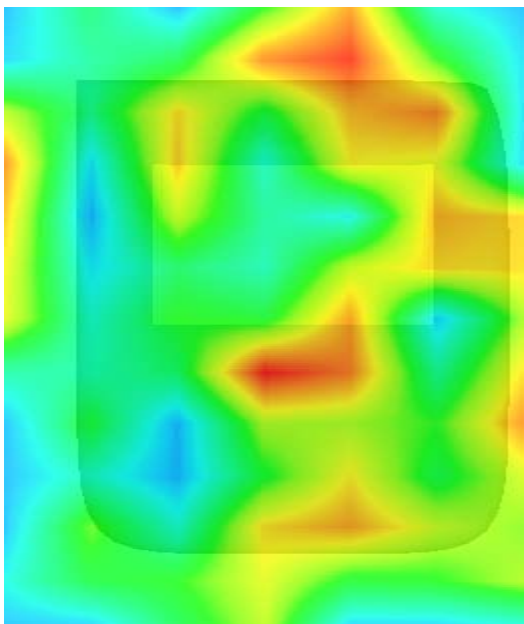
Maximum location: X=-2.00, Y=-13.00

SAR Peak: 0.08 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.109752 |
| SAR 1g (W/Kg) | 0.216255 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0934 | 0.0302 | 0.0009 | 0.0010 | 0.0016 | 0.0089 | 0.0010 |



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



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: 2017.08.01

Measurement duration: 13 minutes 0 seconds

A. Experimental conditions.

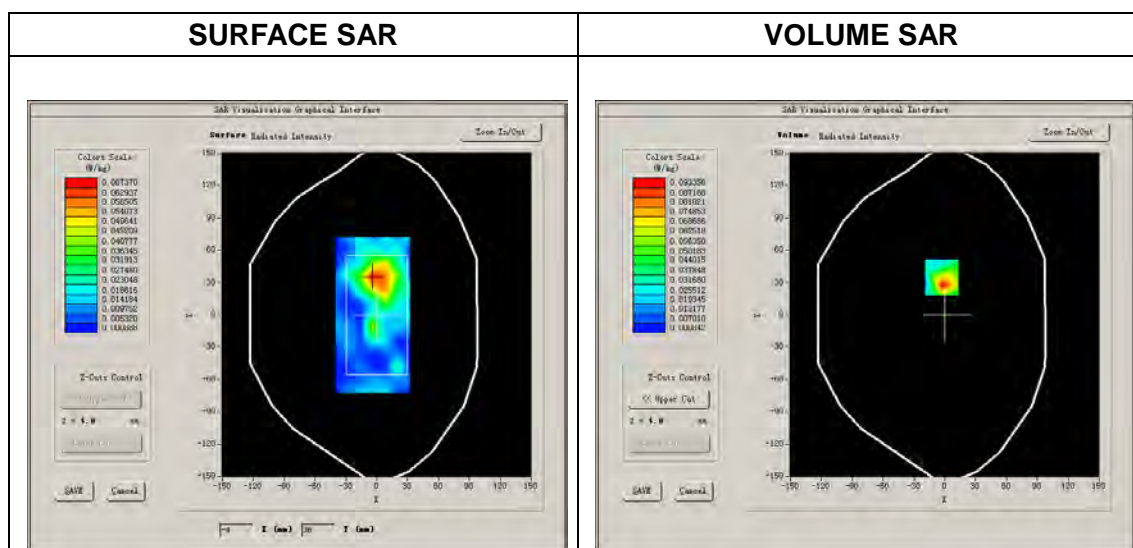
| | |
|------------------------|--------------------------|
| <u>Area Scan</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

High Band SAR (Channel 11)

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





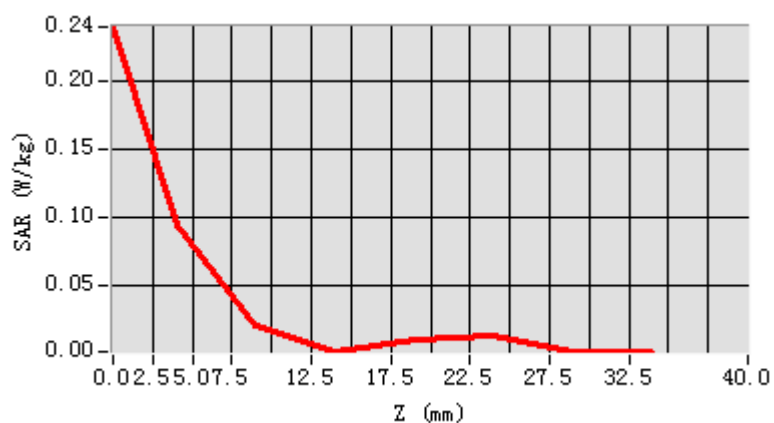
REPORT No. : SZ17040265S01

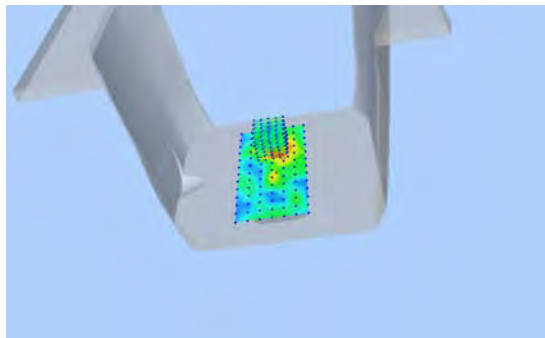
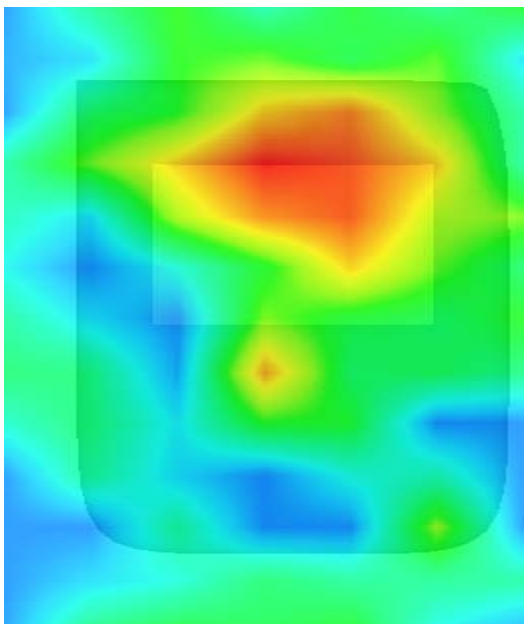
Maximum location: X=-3.00, Y=35.00

SAR Peak: 0.16 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.077304 |
| SAR 1g (W/Kg) | 0.188458 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.2396 | 0.0934 | 0.0197 | 0.0012 | 0.0092 | 0.0133 | 0.0015 |



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



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: 2017.08.01

Measurement duration: 13minutes 57 seconds

A. Experimental conditions.

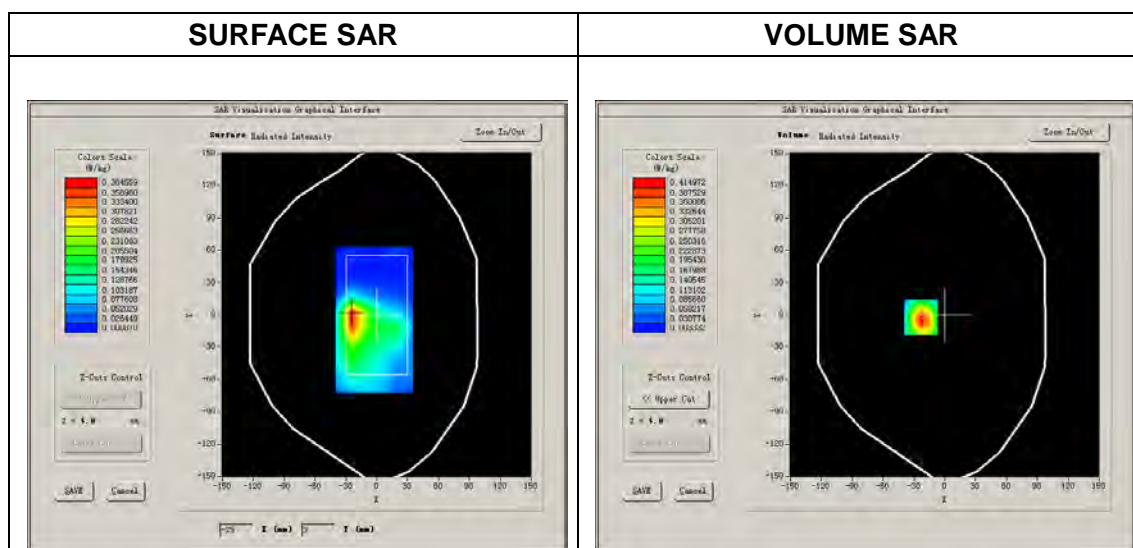
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

High Band SAR (Channel 11)

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





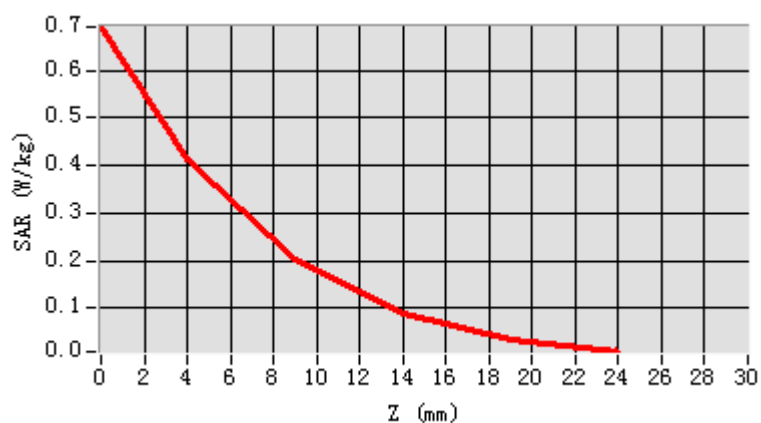
REPORT No. : SZ17040265S01

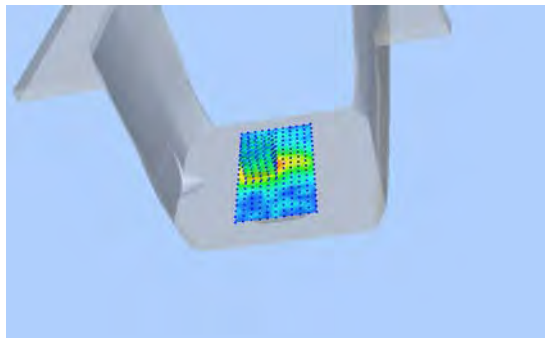
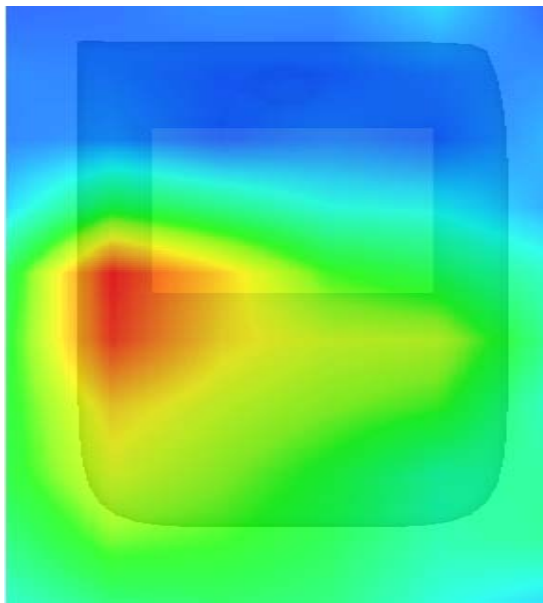
Maximum location: X=-23.00, Y=-2.00

SAR Peak: 0.70 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.064104 |
| SAR 1g (W/Kg) | 0.116101 |

| | | | | | |
|------------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
| SAR (W/Kg) | 0.6920 | 0.4150 | 0.2028 | 0.0899 | 0.0347 |



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

**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: 2017.08.08

Measurement duration: 13 minutes 31 seconds

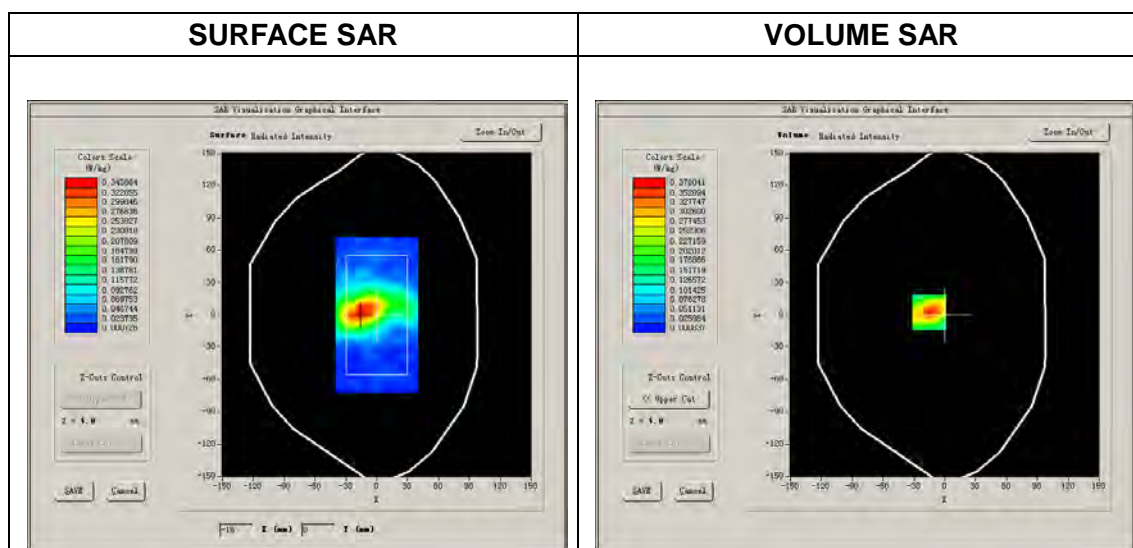
A. Experimental conditions.

| | |
|------------------------|--------------------------------------|
| <u>Area Scan</u> | <u>surf_sam_plan.txt, h= 5.00 mm</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -5.640000 |
| Ambient Temperature: | 22.0°C |
| Liquid Temperature: | 21.8°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



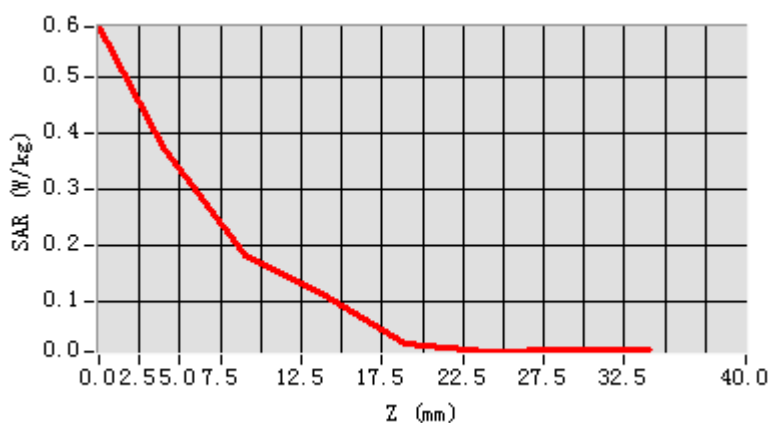
REPORT No. : SZ17040265S01

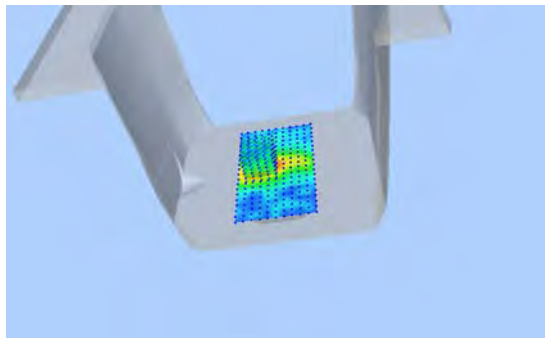
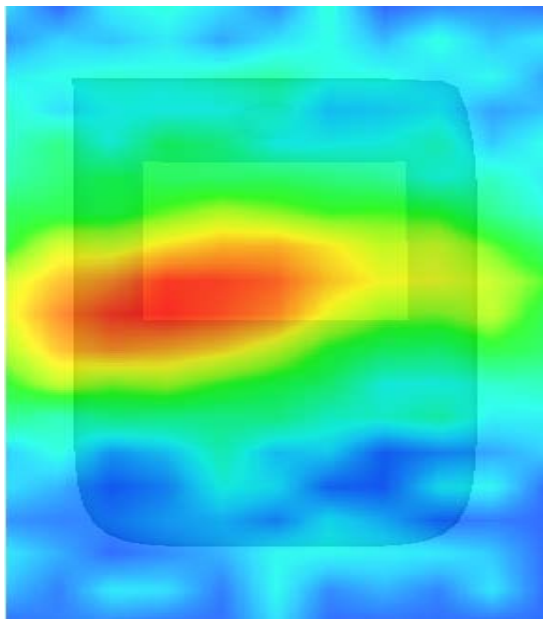
Maximum location: X=-15.00, Y=3.00

SAR Peak: 0.67 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.169548 |
| SAR 1g (W/Kg) | 0.357301 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.5907 | 0.3780 | 0.1839 | 0.1108 | 0.0264 | 0.0119 | 0.0172 |



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



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: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

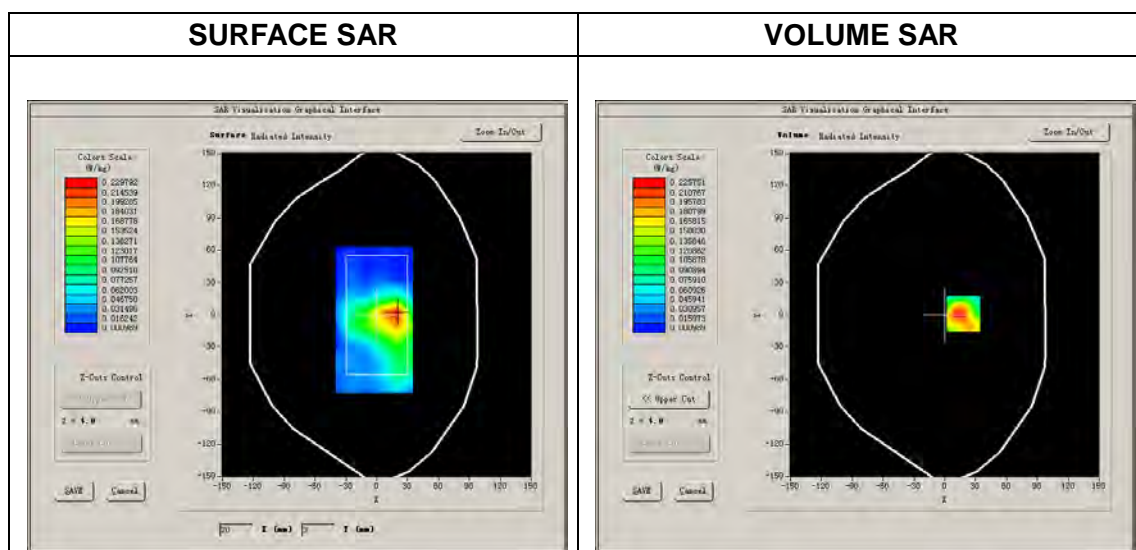
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





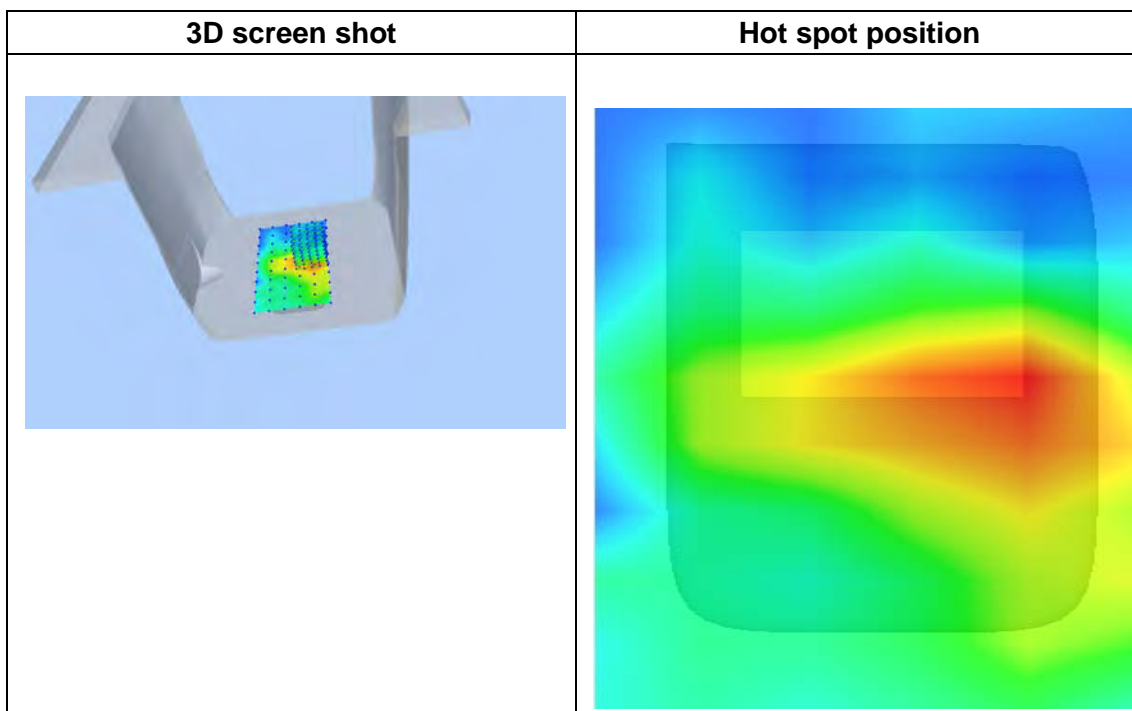
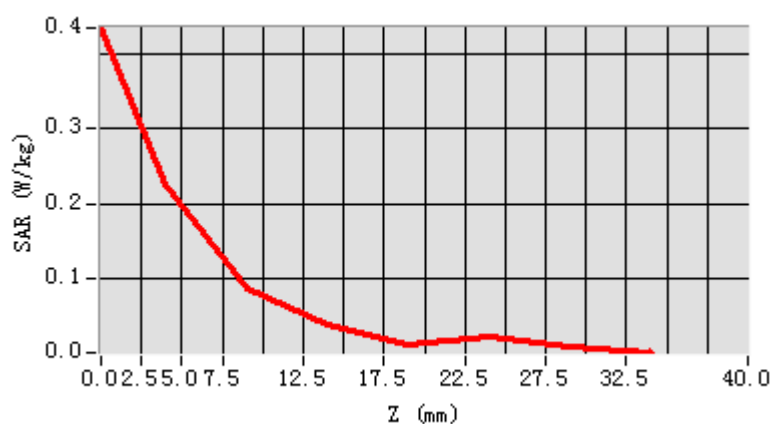
REPORT No. : SZ17040265S01

Maximum location: X=18.00, Y=1.00

SAR Peak: 0.46 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.097519 |
| SAR 1g (W/Kg) | 0.222267 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.4343 | 0.2258 | 0.0852 | 0.0377 | 0.0113 | 0.0225 | 0.0082 |





MEASUREMENT 12

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

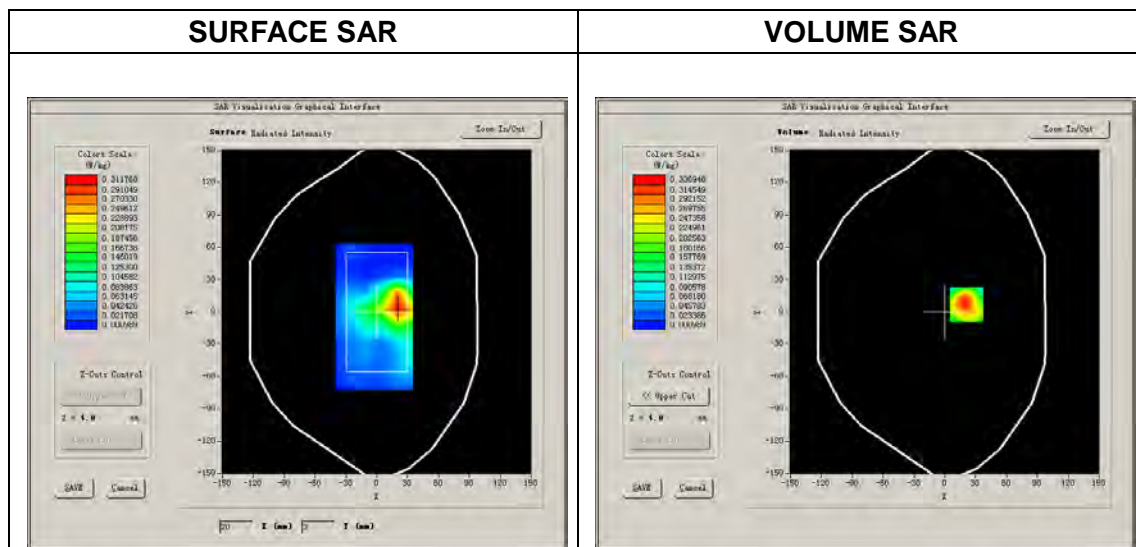
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





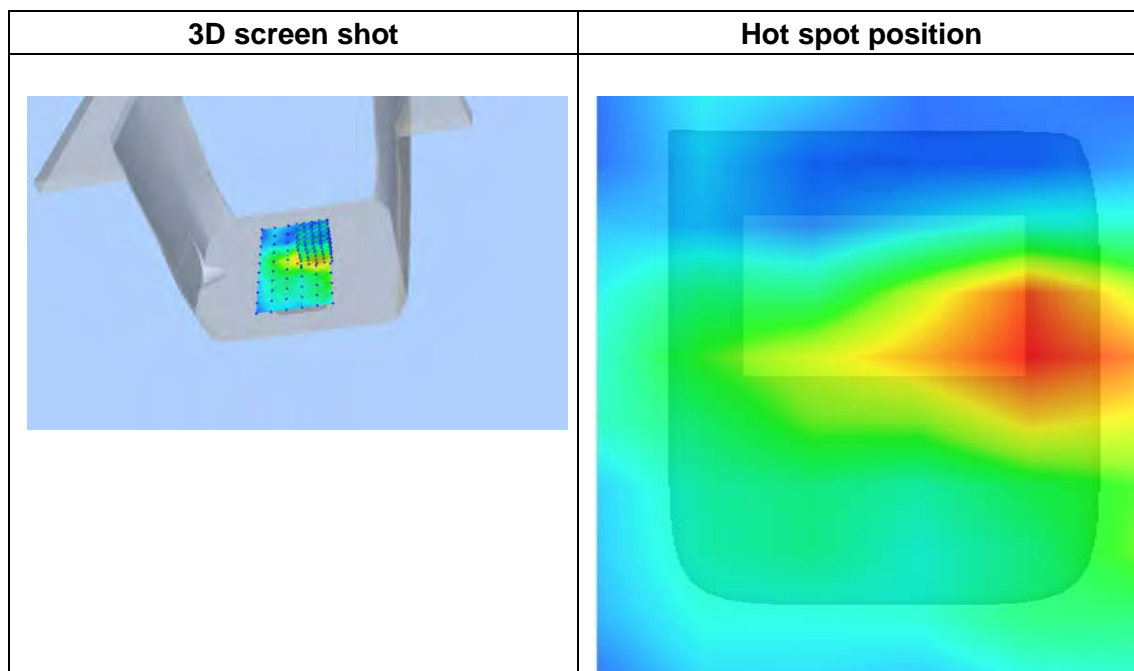
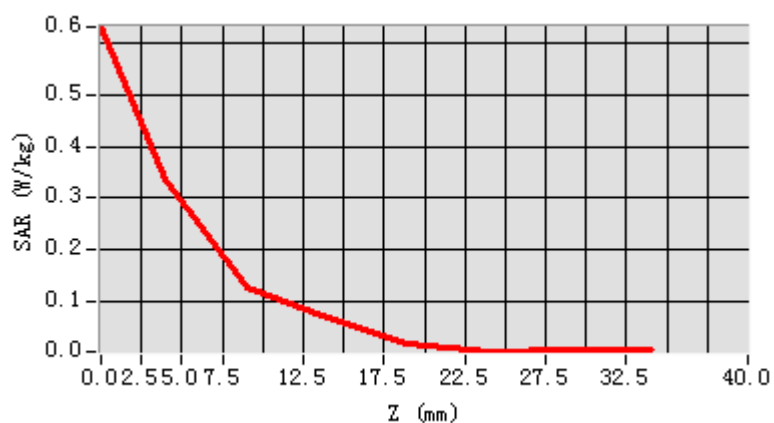
REPORT No. : SZ17040265S01

Maximum location: X=21.00, Y=7.00

SAR Peak: 0.62 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.146594 |
| SAR 1g (W/Kg) | 0.324179 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.6311 | 0.3369 | 0.1272 | 0.0670 | 0.0187 | 0.0025 | 0.0082 |





MEASUREMENT 13

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 8 seconds

A. Experimental conditions.

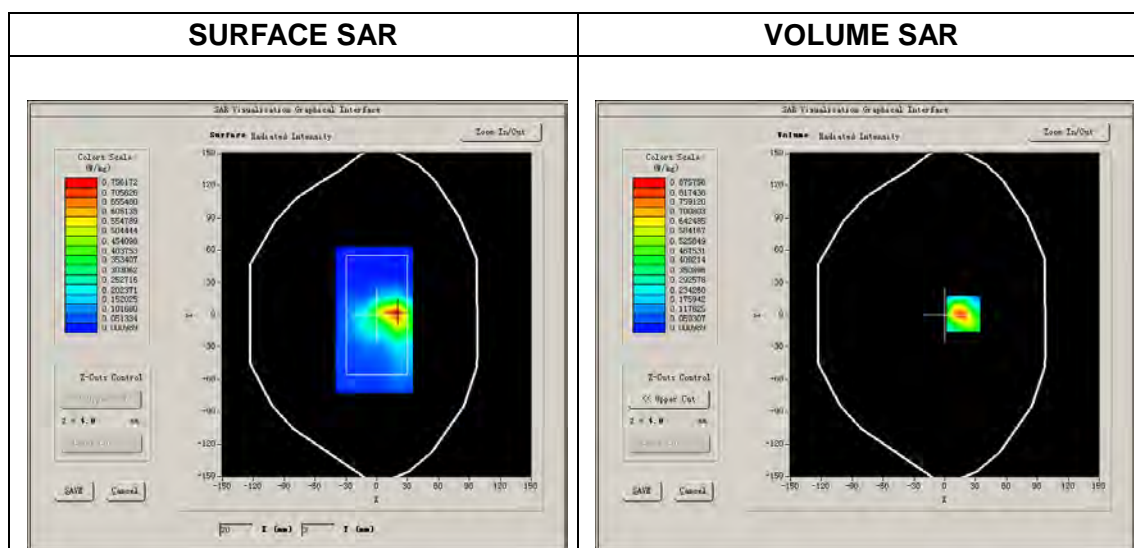
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





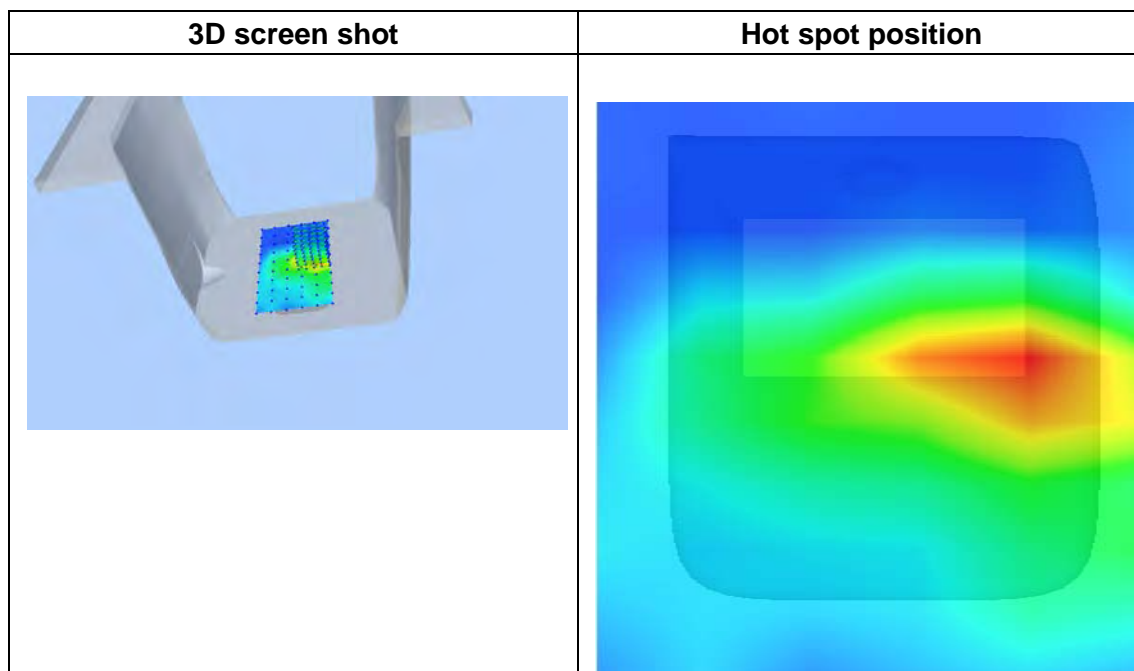
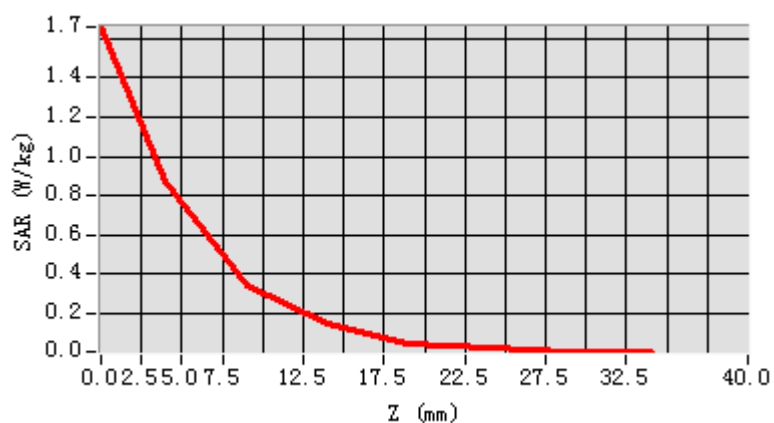
REPORT No. : SZ17040265S01

Maximum location: X=18.00, Y=1.00

SAR Peak: 1.67 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.335214 |
| SAR 1g (W/Kg) | 0.722377 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 1.6611 | 0.8758 | 0.3381 | 0.1497 | 0.0446 | 0.0239 | 0.0032 |





MEASUREMENT 14

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

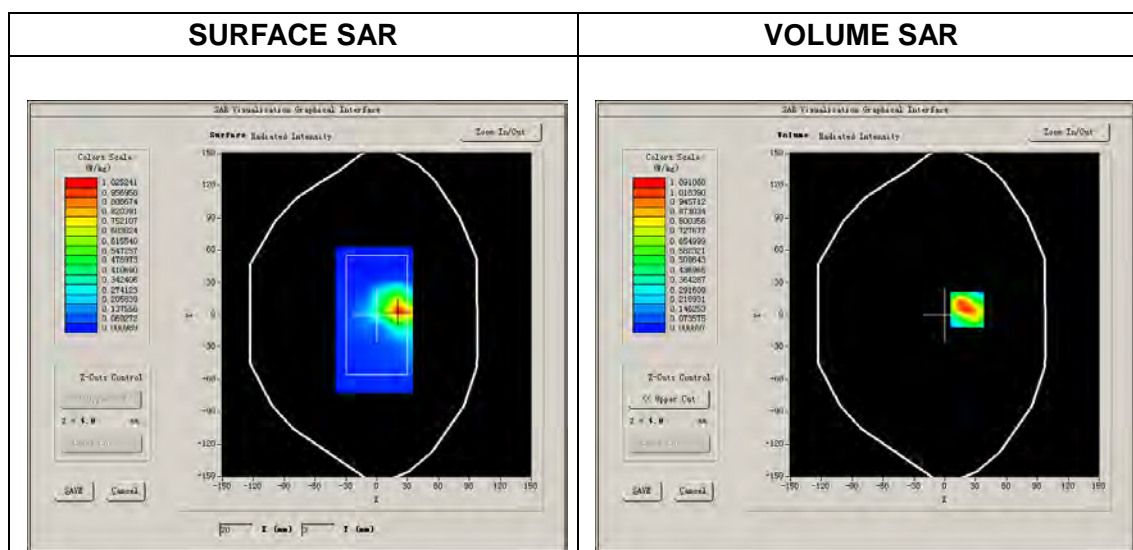
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





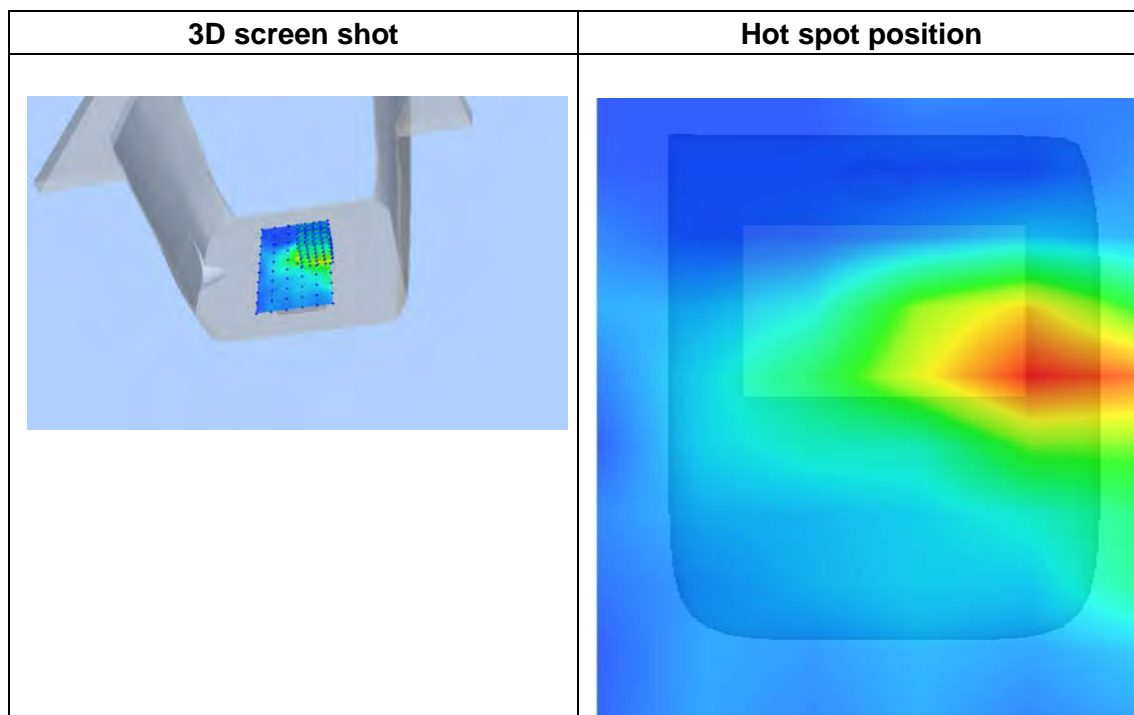
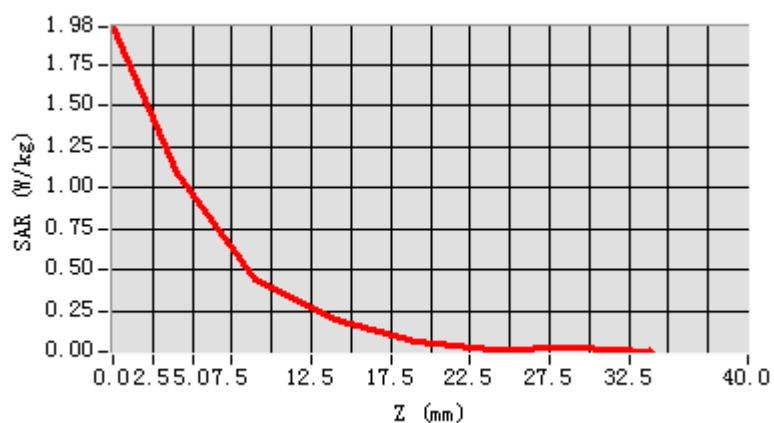
REPORT No. : SZ17040265S01

Maximum location: X=22.00, Y=5.00

SAR Peak: 2.05 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.239216 |
| SAR 1g (W/Kg) | 0.646416 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 1.9804 | 1.0911 | 0.4444 | 0.1974 | 0.0637 | 0.0182 | 0.0227 |





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: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

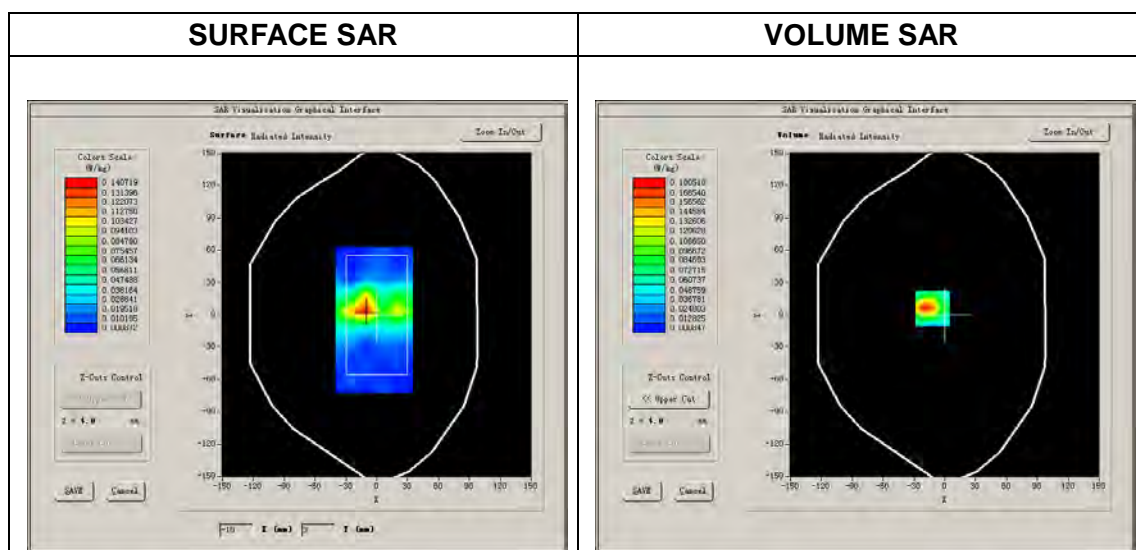
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





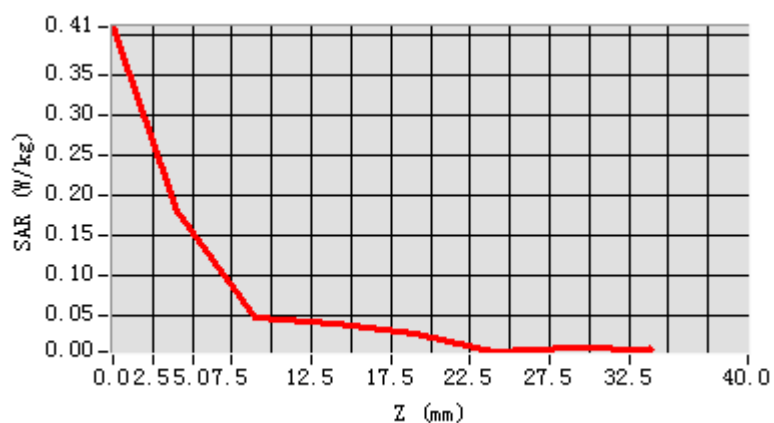
REPORT No. : SZ17040265S01

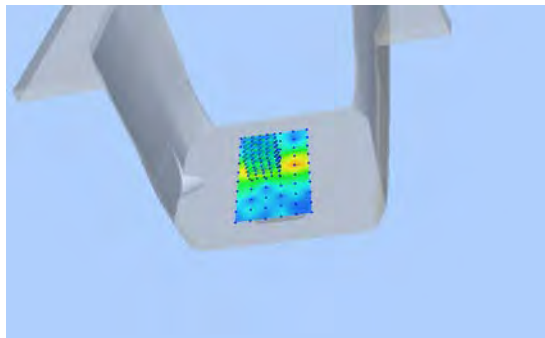
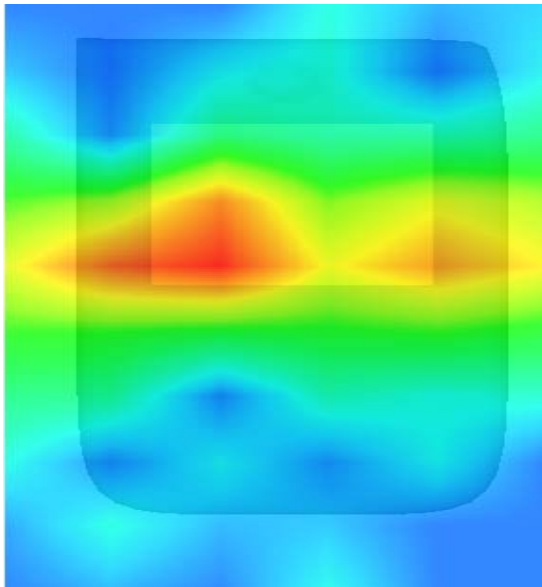
Maximum location: X=-12.00, Y=6.00

SAR Peak: 0.36 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.071226 |
| SAR 1g (W/Kg) | 0.171517 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.4099 | 0.1805 | 0.0466 | 0.0394 | 0.0259 | 0.0042 | 0.0089 |



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

**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: 2017.08.08

Measurement duration: 13 minutes 4 seconds

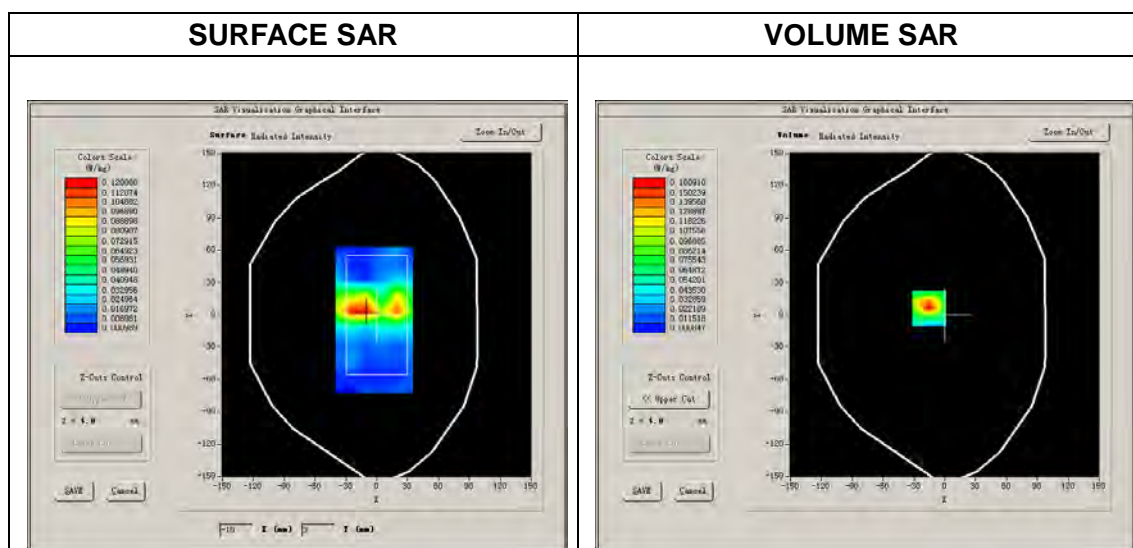
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



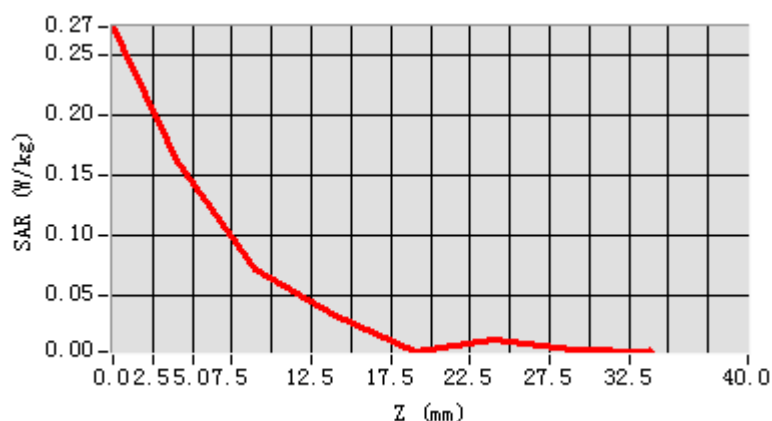
REPORT No. : SZ17040265S01

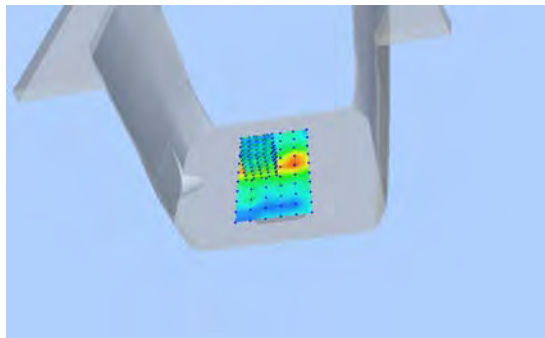
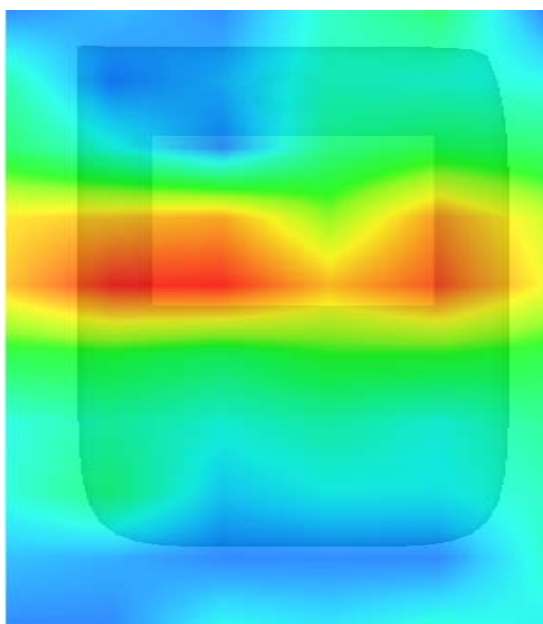
Maximum location: X=-15.00, Y=6.00

SAR Peak: 0.28 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.063838 |
| SAR 1g (W/Kg) | 0.146170 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.2724 | 0.1609 | 0.0713 | 0.0345 | 0.0038 | 0.0135 | 0.0060 |



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

**MEASUREMENT 17**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 5 seconds

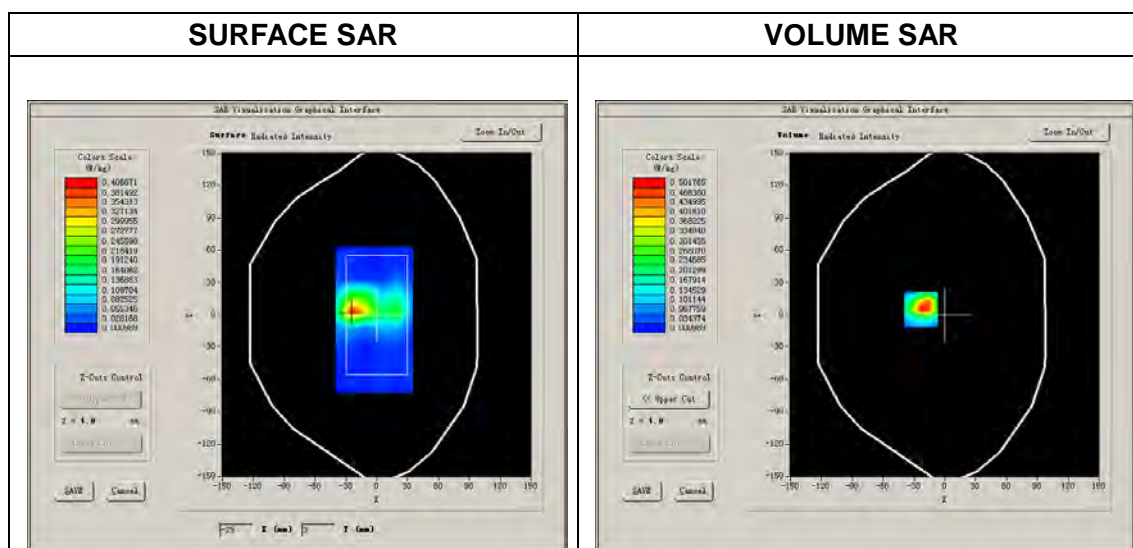
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



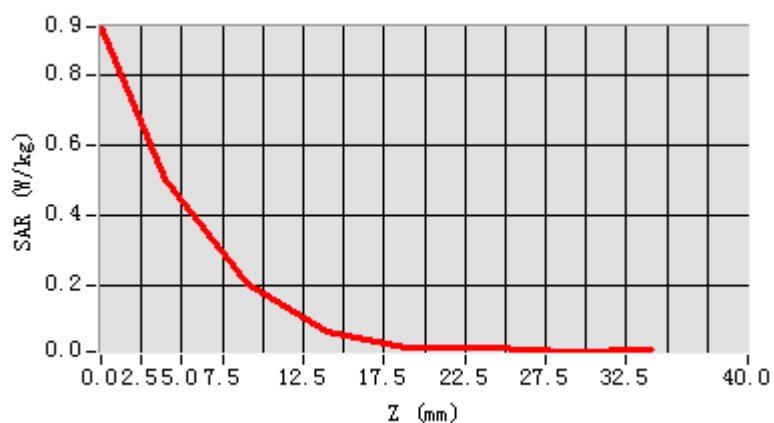
REPORT No. : SZ17040265S01

Maximum location: X=-23.00, Y=5.00

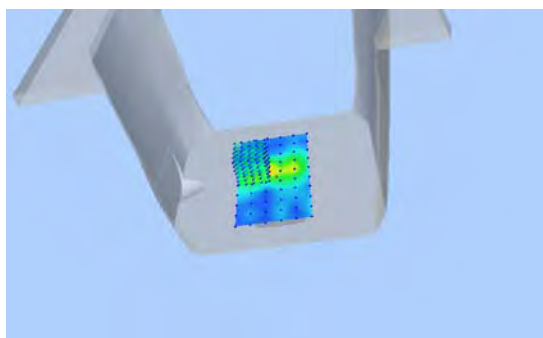
SAR Peak: 0.98 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.193338 |
| SAR 1g (W/Kg) | 0.493946 |

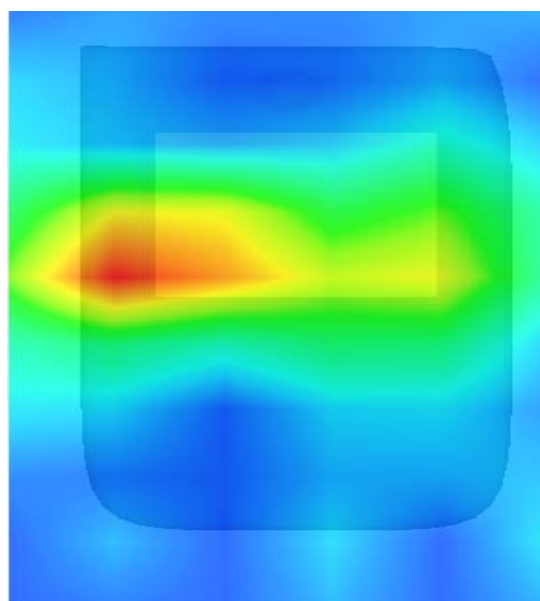
| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.9349 | 0.5018 | 0.2031 | 0.0686 | 0.0232 | 0.0197 | 0.0099 |



3D screen shot



Hot spot position



**MEASUREMENT 18**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

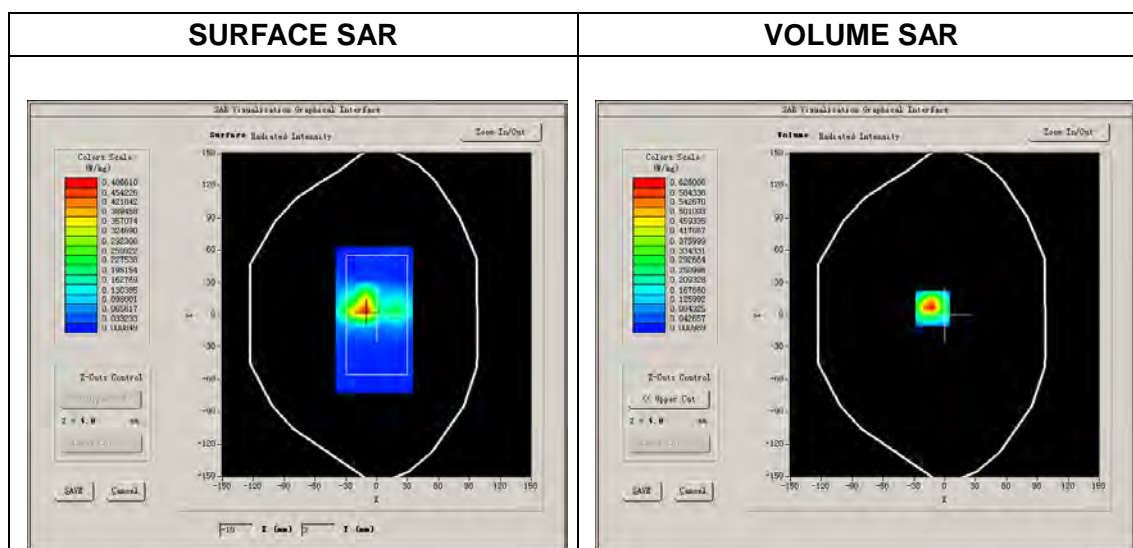
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



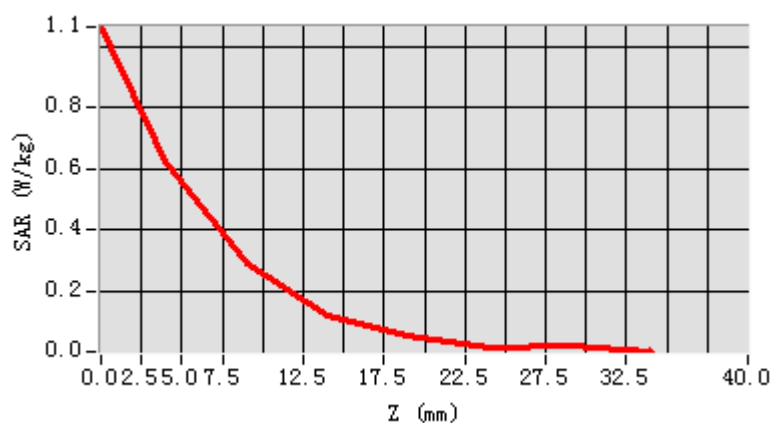
REPORT No. : SZ17040265S01

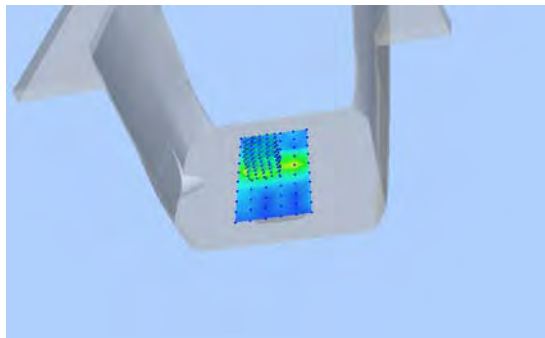
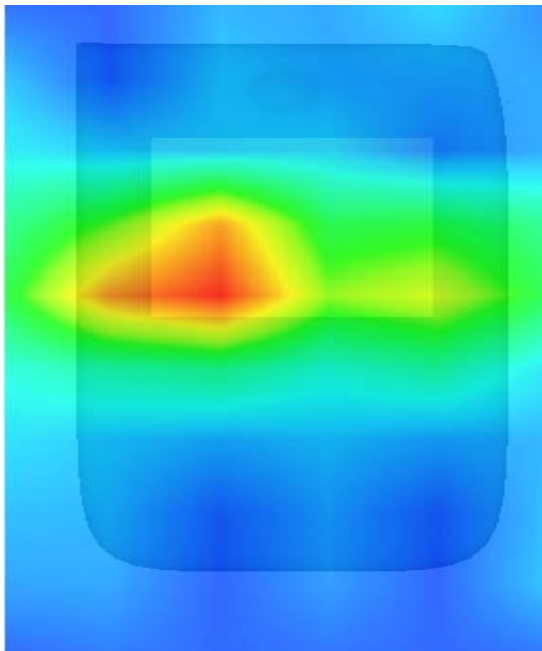
Maximum location: X=-12.00, Y=6.00

SAR Peak: 1.16 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.134319 |
| SAR 1g (W/Kg) | 0.393074 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.0658 | 0.6260 | 0.2876 | 0.1220 | 0.0505 | 0.0147 | 0.0182 |



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

**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: 2017.08.08

Measurement duration: 13 minutes 30 seconds

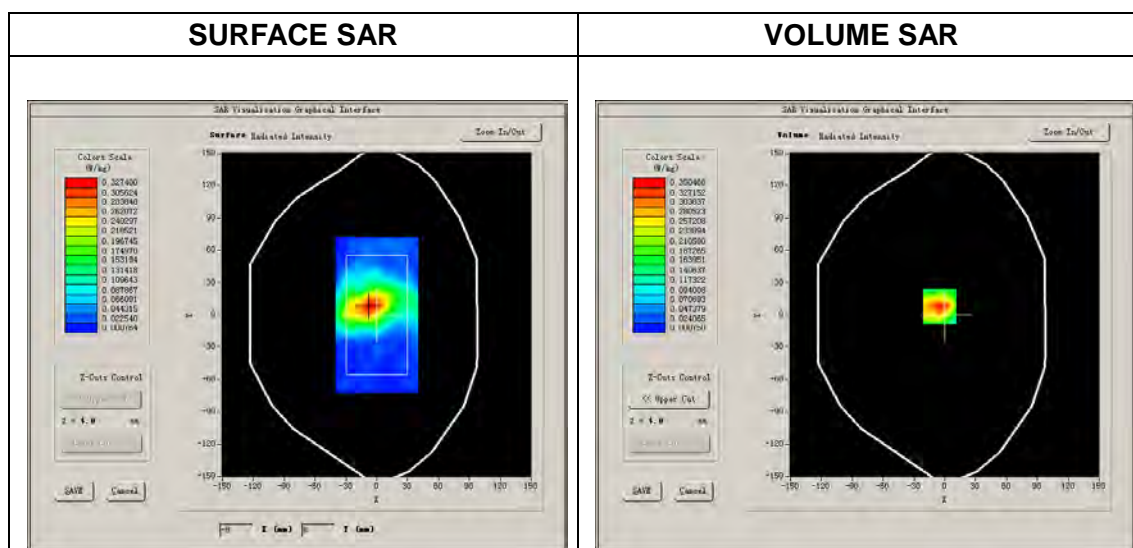
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Area Scan</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

High Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | 2.770000 |
| Ambient Temperature: | 22.0°C |
| Liquid Temperature: | 21.8°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



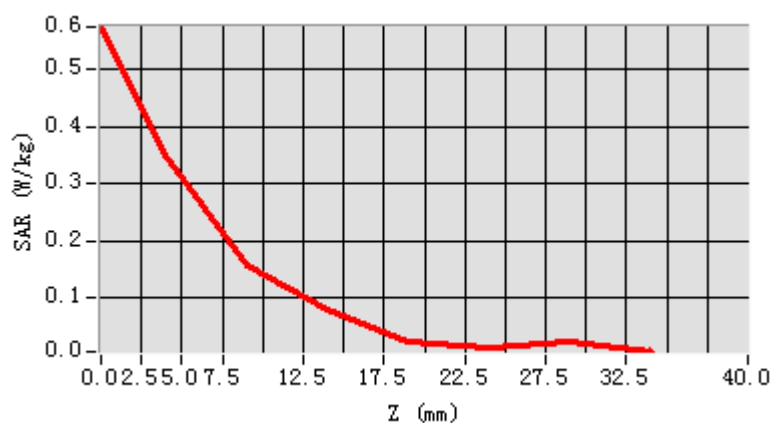
REPORT No. : SZ17040265S01

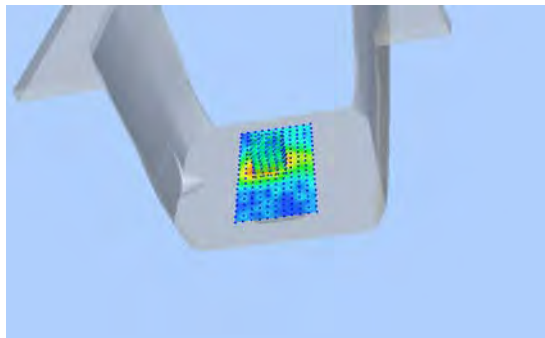
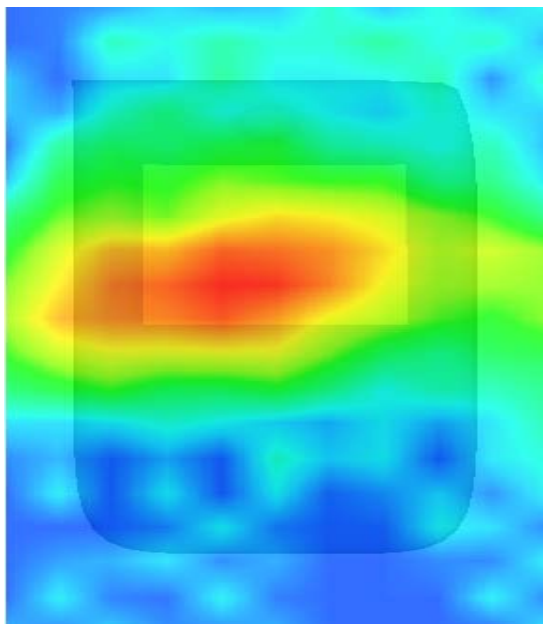
Maximum location: X=-5.00, Y=8.00

SAR Peak: 0.59 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.060074 |
| SAR 1g (W/Kg) | 0.114028 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.5741 | 0.3505 | 0.1586 | 0.0803 | 0.0228 | 0.0121 | 0.0233 |



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

**MEASUREMENT 20**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.07.14

Measurement duration: 13 minutes 29 seconds

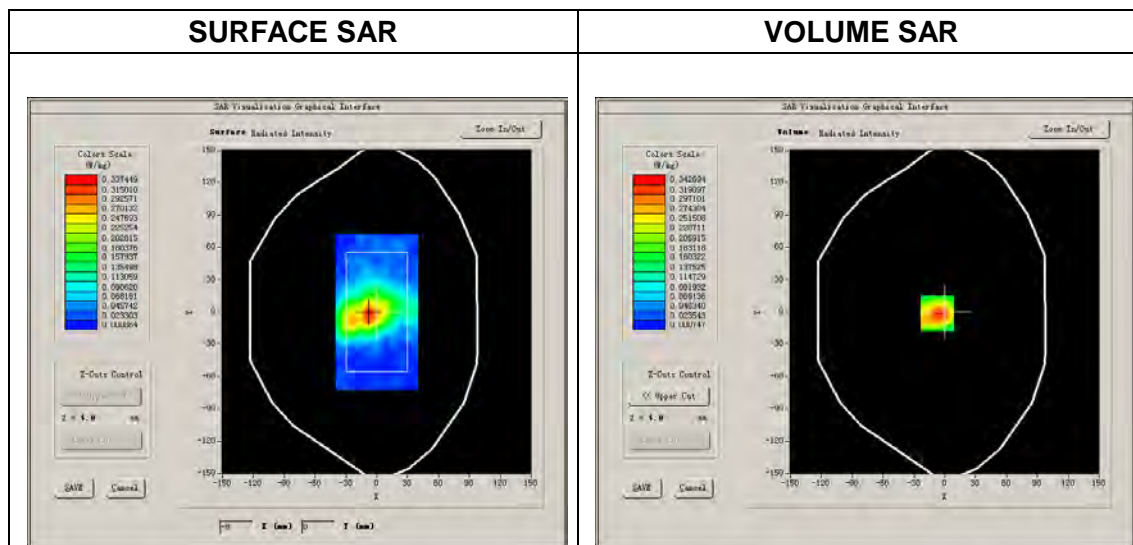
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Area Scan</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11b</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>DSSS</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | 3.280000 |
| Ambient Temperature: | 22.0°C |
| Liquid Temperature: | 21.8°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



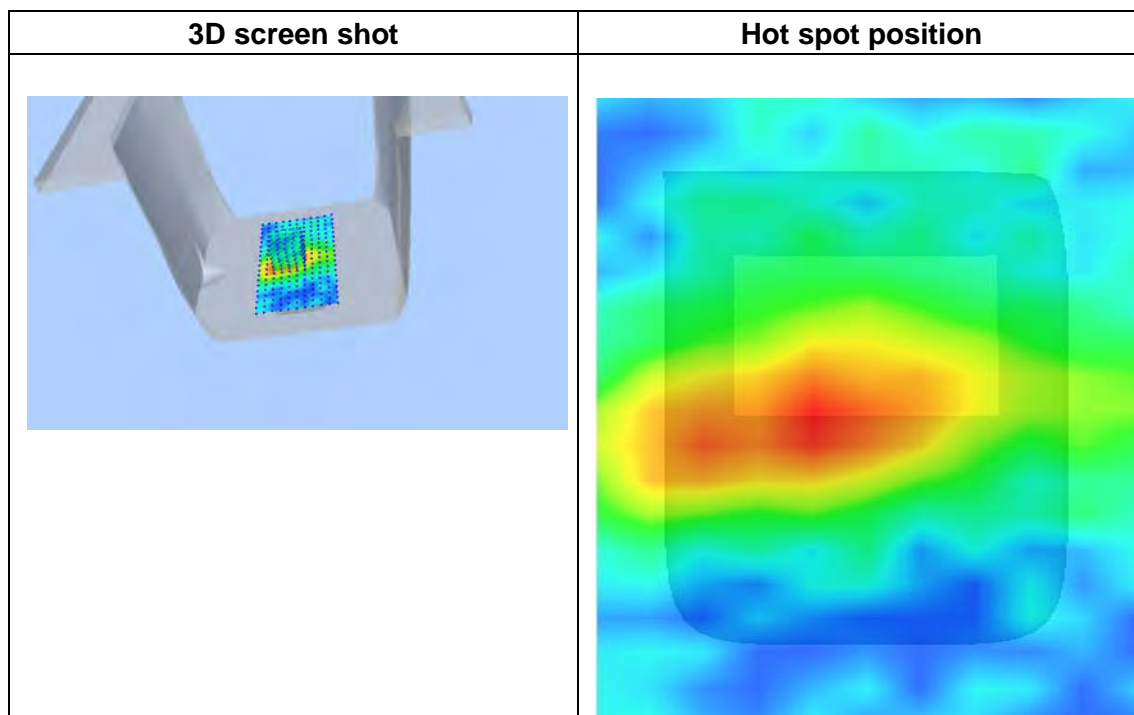
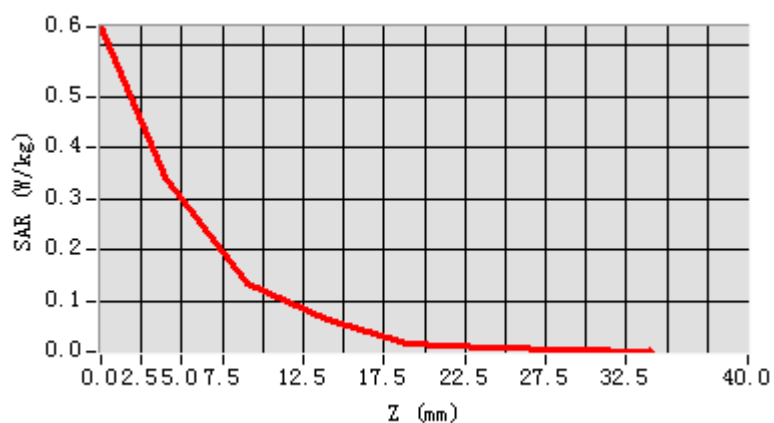
REPORT No. : SZ17040265S01

Maximum location: X=-7.00, Y=-1.00

SAR Peak: 0.64 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.353085 |
| SAR 1g (W/Kg) | 0.631678 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.6360 | 0.3427 | 0.1330 | 0.0655 | 0.0152 | 0.0088 | 0.0043 |



**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: 2017.08.08

Measurement duration: 13 minutes 26 seconds

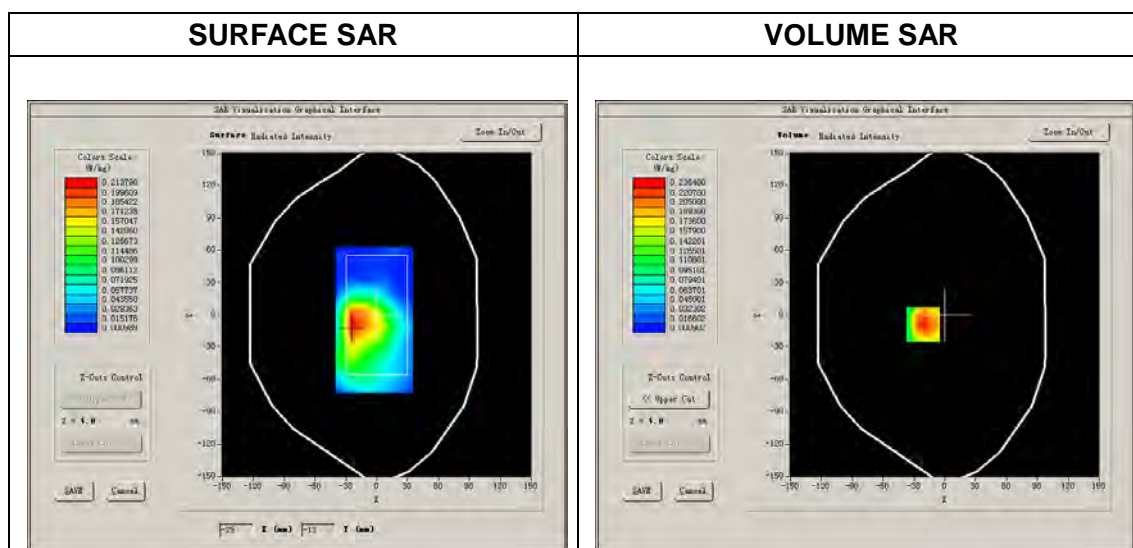
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



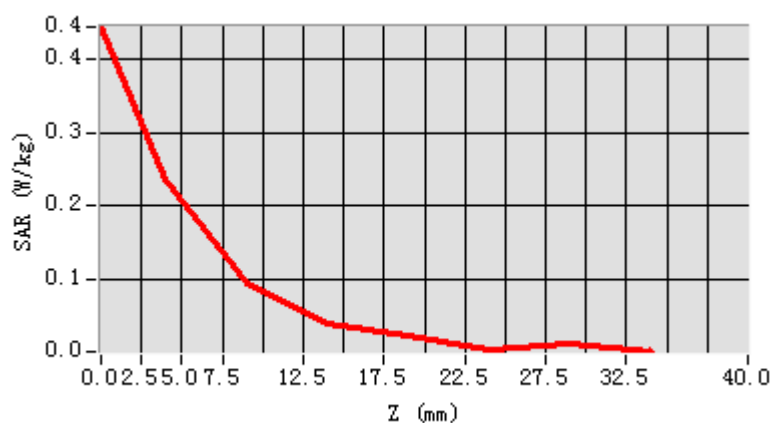
REPORT No. : SZ17040265S01

Maximum location: X=-21.00, Y=-9.00

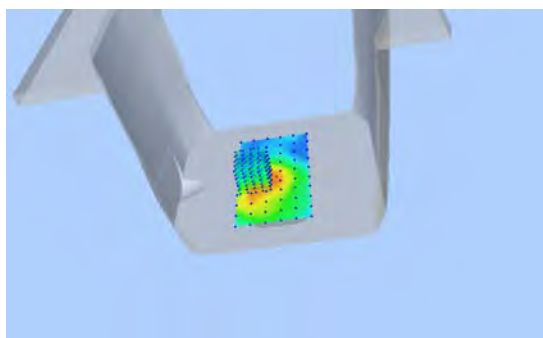
SAR Peak: 0.45 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.110826 |
| SAR 1g (W/Kg) | 0.230357 |

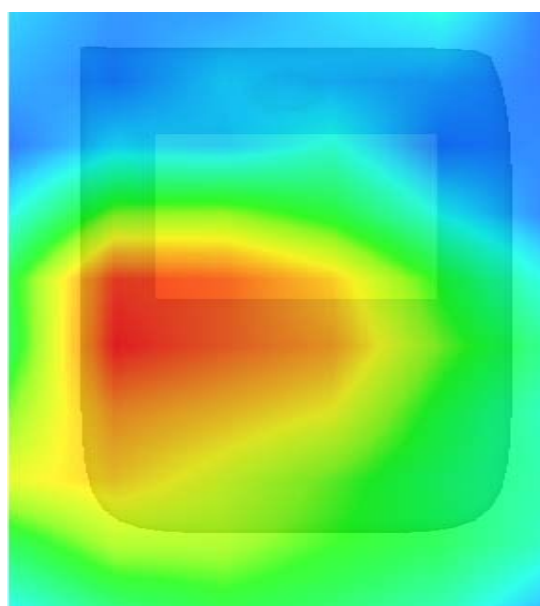
| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.4435 | 0.2364 | 0.0927 | 0.0383 | 0.0232 | 0.0049 | 0.0132 |



3D screen shot



Hot spot position



**MEASUREMENT 22**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 5 seconds

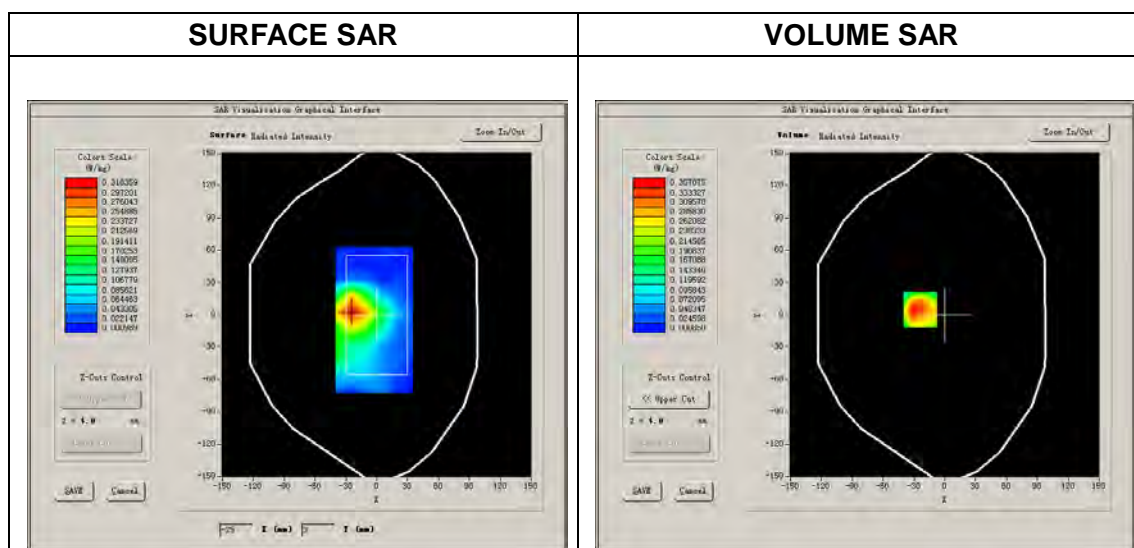
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | 3.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



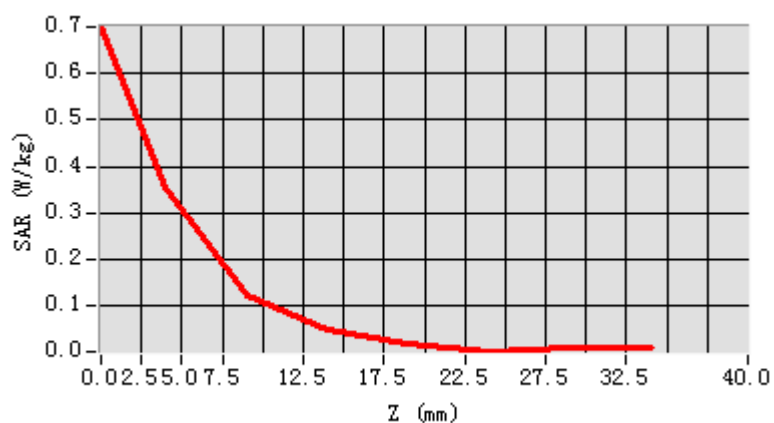
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=5.00

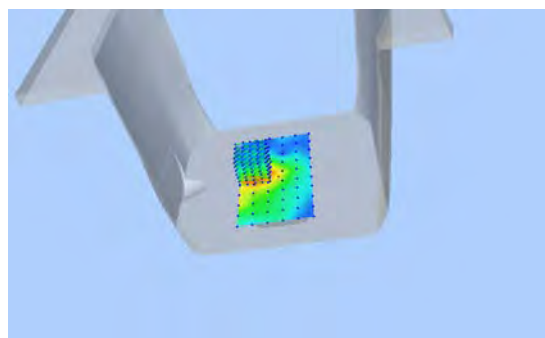
SAR Peak: 0.67 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.161309 |
| SAR 1g (W/Kg) | 0.348890 |

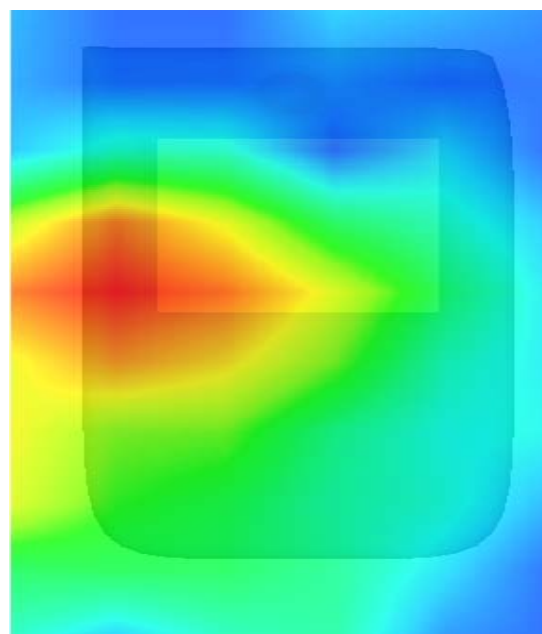
| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.7005 | 0.3571 | 0.1238 | 0.0506 | 0.0169 | 0.0013 | 0.0111 |



3D screen shot



Hot spot position



**MEASUREMENT 23**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

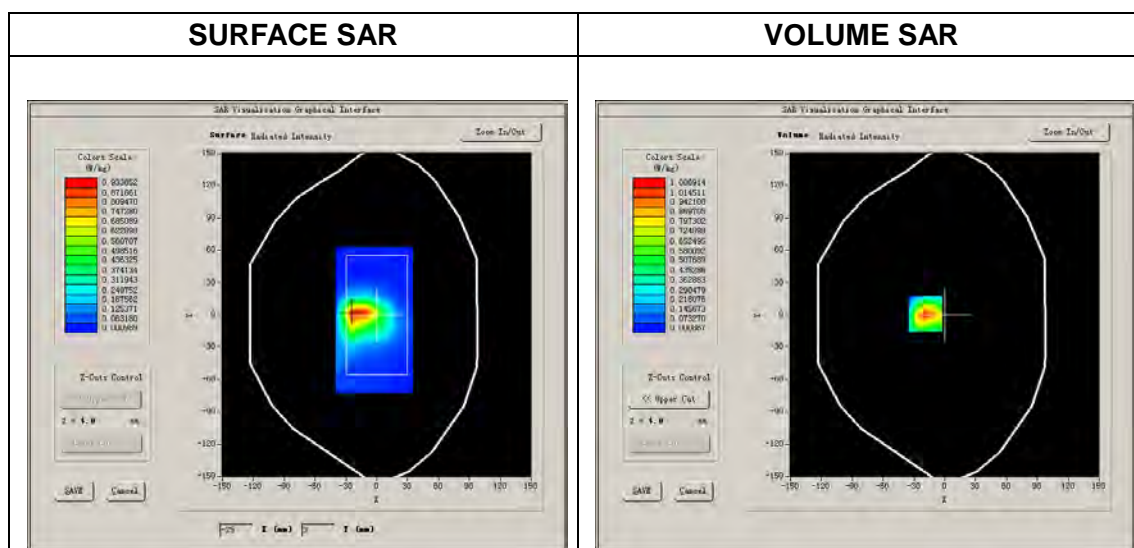
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | 2.450000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



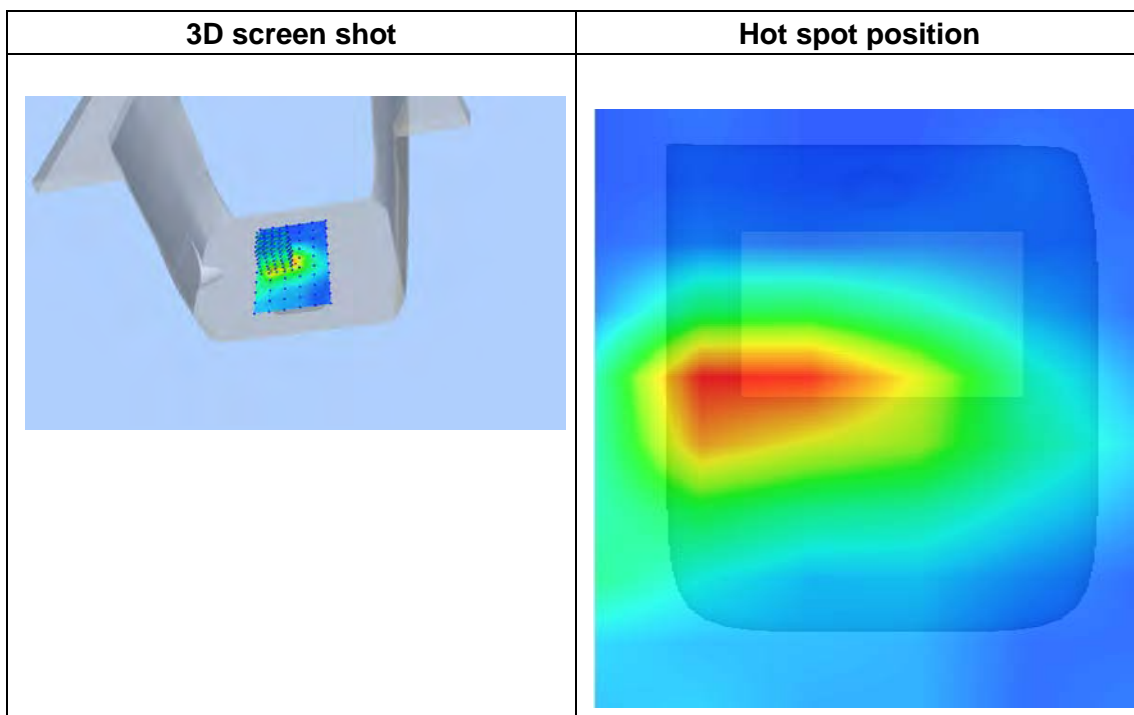
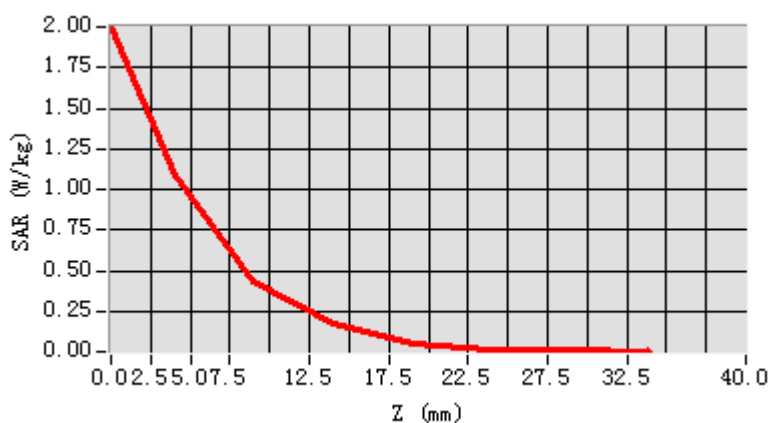
REPORT No. : SZ17040265S01

Maximum location: X=-19.00, Y=1.00

SAR Peak: 1.97 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.430306 |
| SAR 1g (W/Kg) | 0.703357 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 2.0027 | 1.0869 | 0.4321 | 0.1813 | 0.0524 | 0.0137 | 0.0140 |





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: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

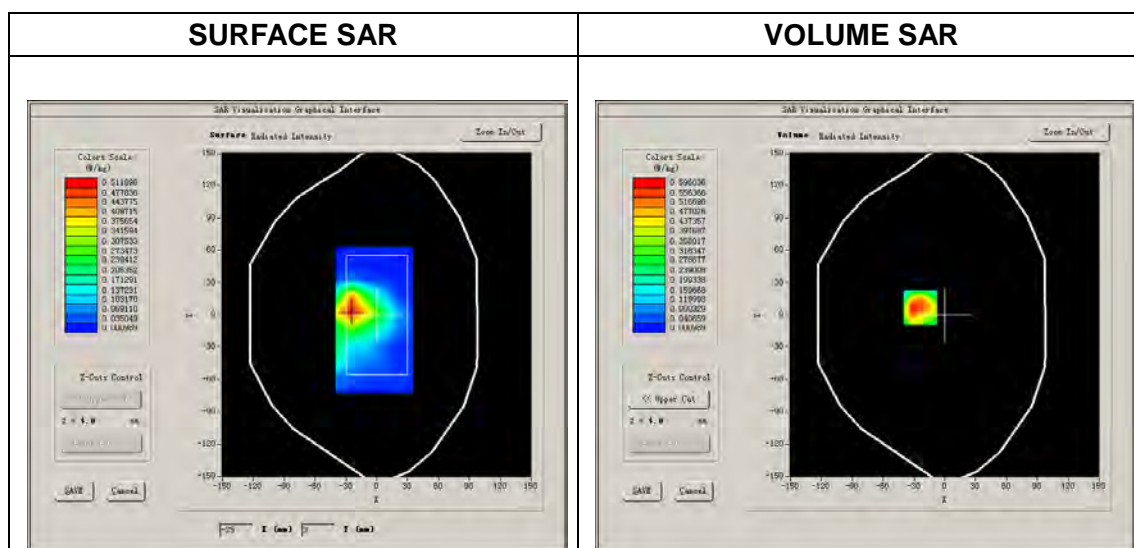
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -1.250000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR





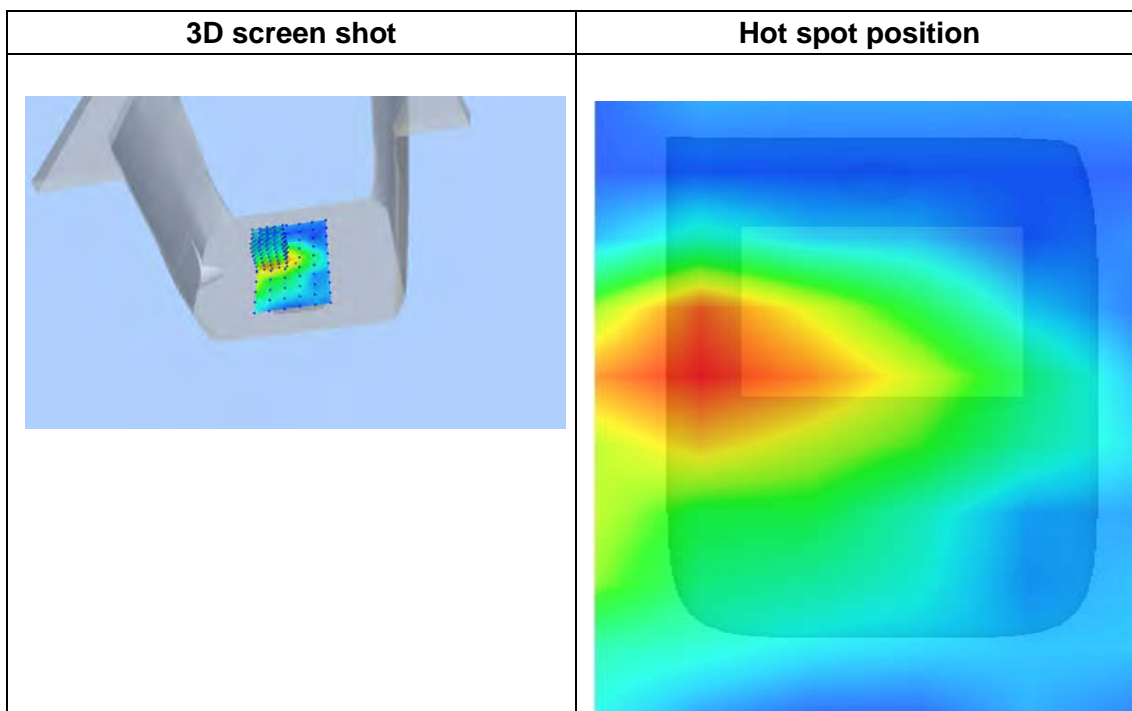
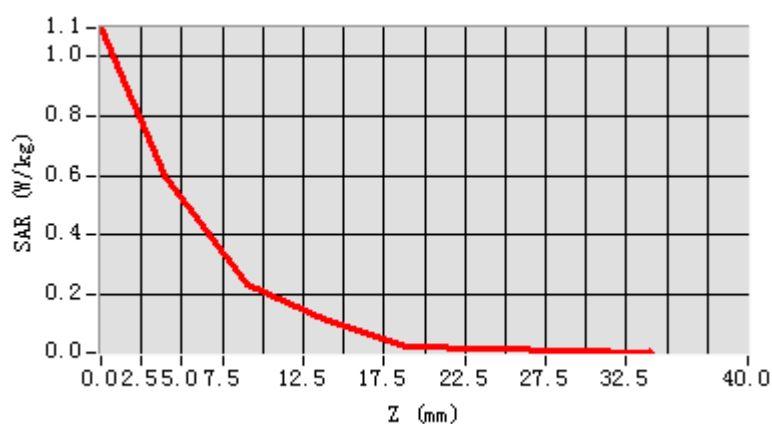
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.254265 |
| SAR 1g (W/Kg) | 0.578764 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 1.0976 | 0.5960 | 0.2357 | 0.1104 | 0.0264 | 0.0195 | 0.0100 |



**MEASUREMENT 25**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

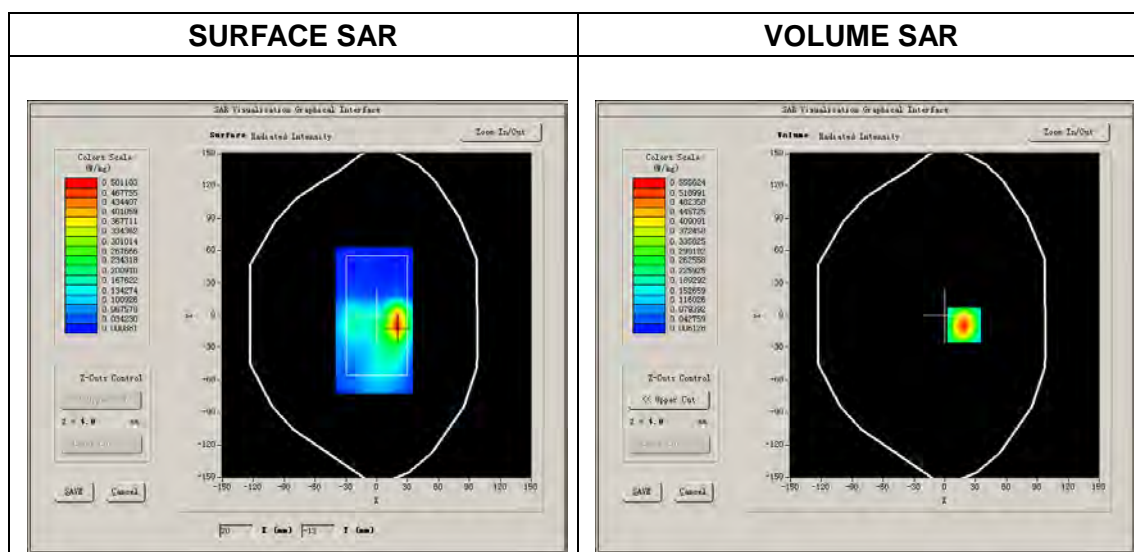
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -2.466000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |





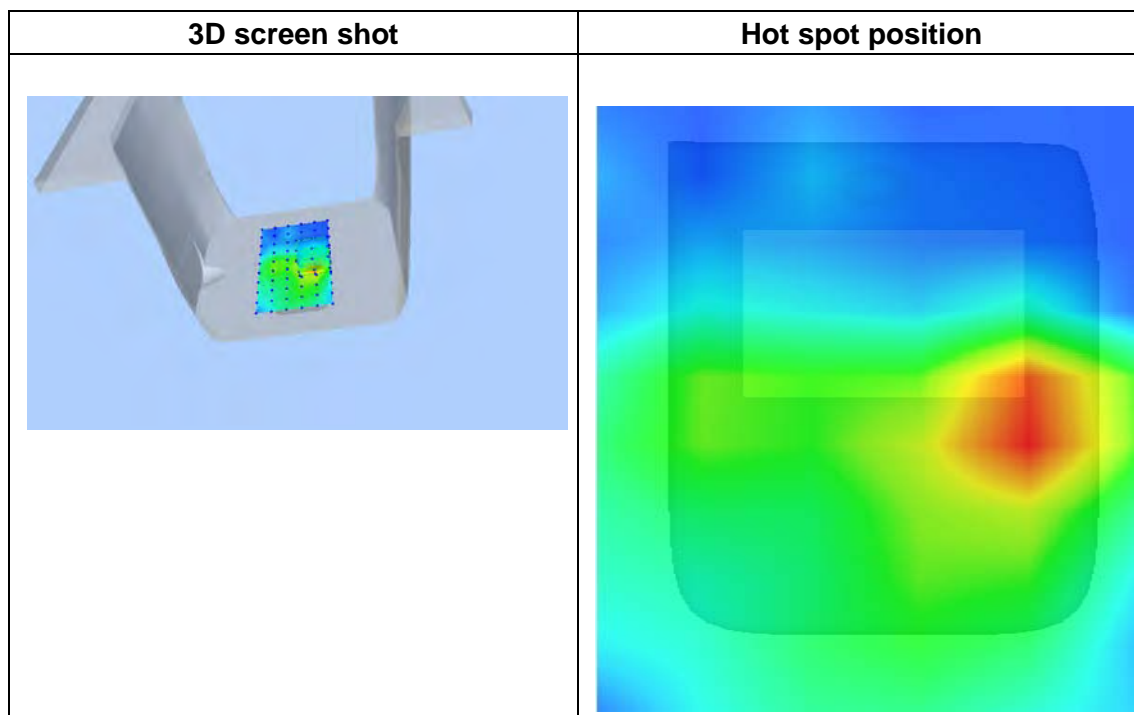
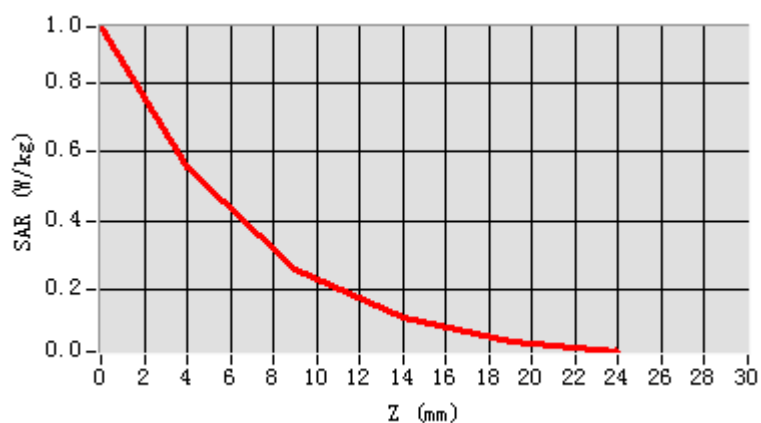
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.212265 |
| SAR 1g (W/Kg) | 0.566964 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 0.00 | 4.00 |
| SAR (W/Kg) | 0.9612 | 0.5556 | 0.2621 | 0.1187 | 0.0546 | 0.9612 | 0.5556 |





MEASUREMENT 26

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

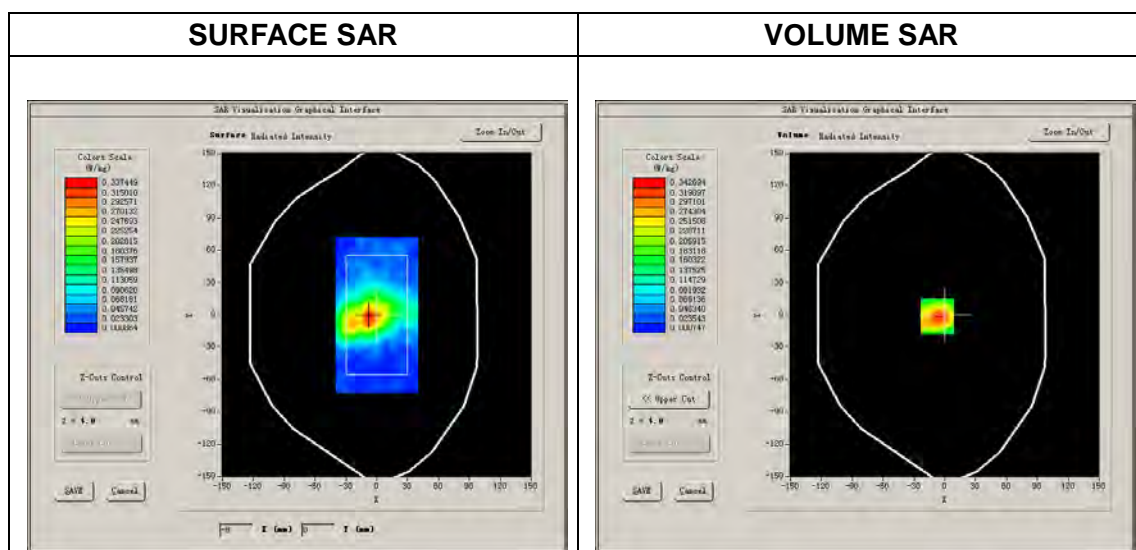
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -1.112000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR

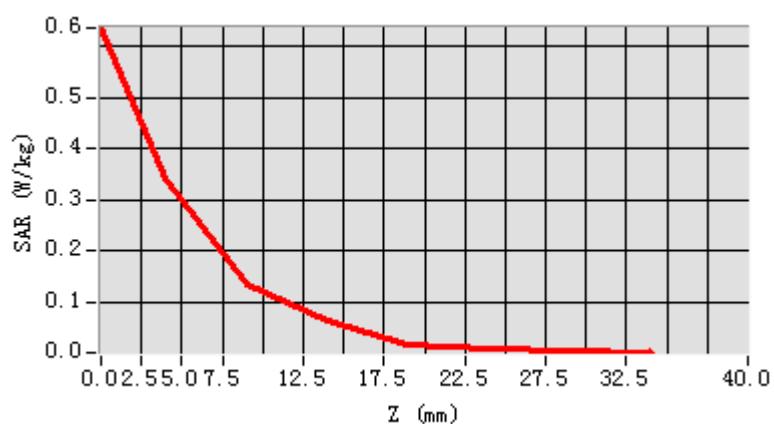


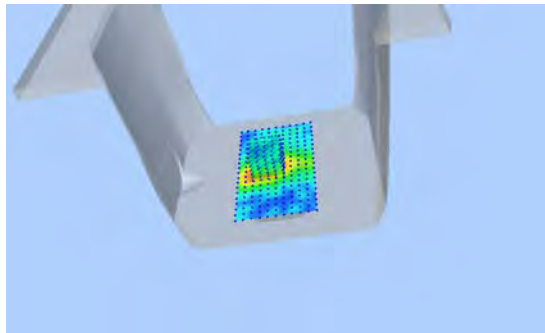
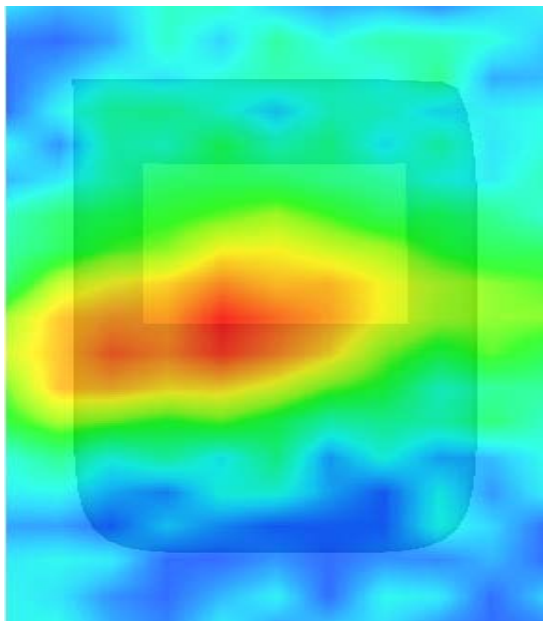
Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.112265 |
| SAR 1g (W/Kg) | 0.290164 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 0.00 | 4.00 |
| SAR (W/Kg) | 0.9612 | 0.5556 | 0.2621 | 0.1187 | 0.0546 | 0.9612 | 0.5556 |



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



MEASUREMENT 27

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

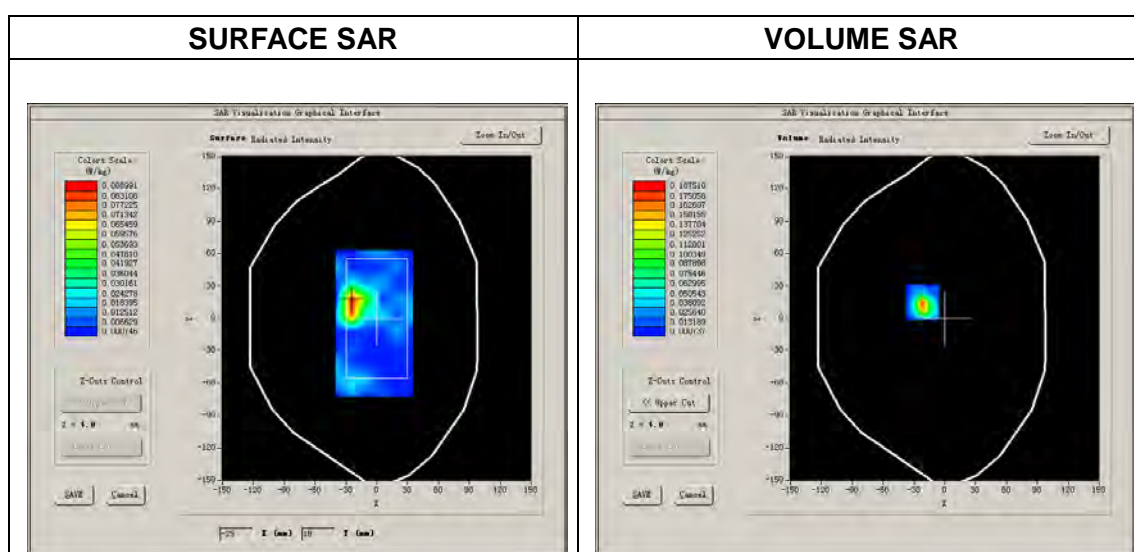
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | 0.232000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |





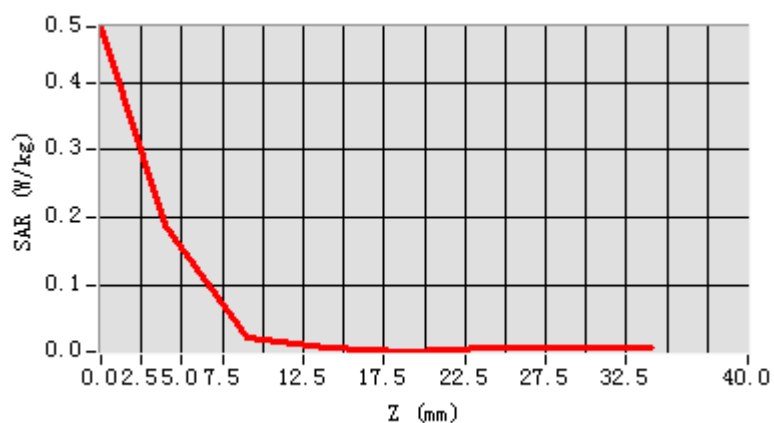
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.047160 |
| SAR 1g (W/Kg) | 0.180297 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.4820 | 0.1875 | 0.0202 | 0.0069 | 0.0009 | 0.0061 | 0.0072 |



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



MEASUREMENT 28

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

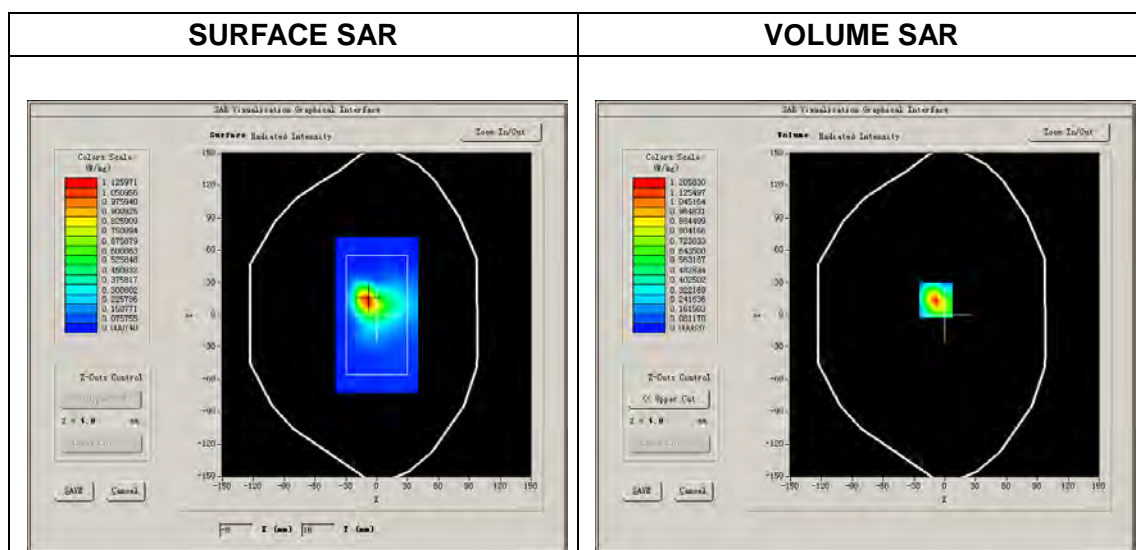
| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | 2.100000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR

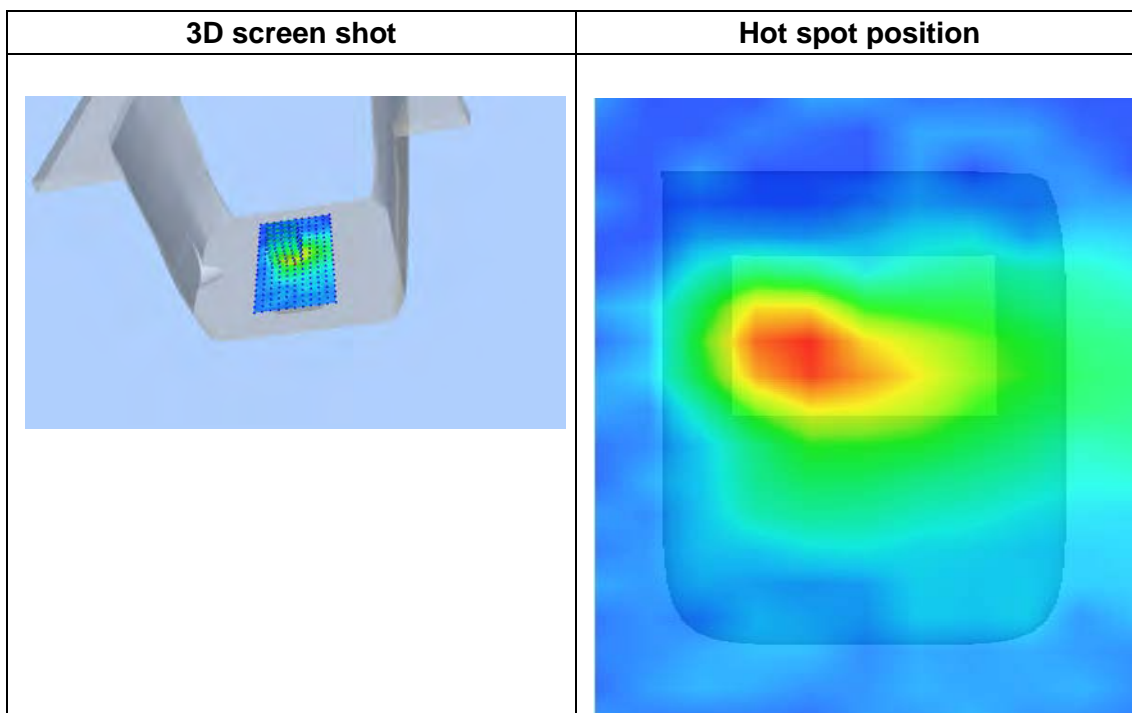
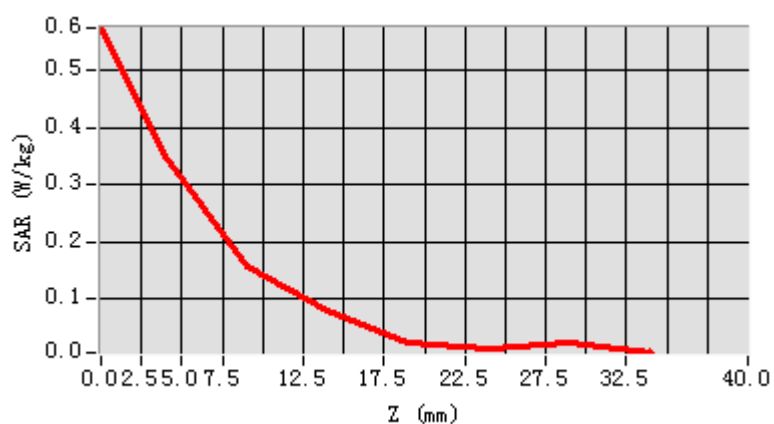


Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.108188 |
| SAR 1g (W/Kg) | 0.213275 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.4820 | 0.1875 | 0.0202 | 0.0069 | 0.0009 | 0.0061 | 0.0072 |



**MEASUREMENT 28**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

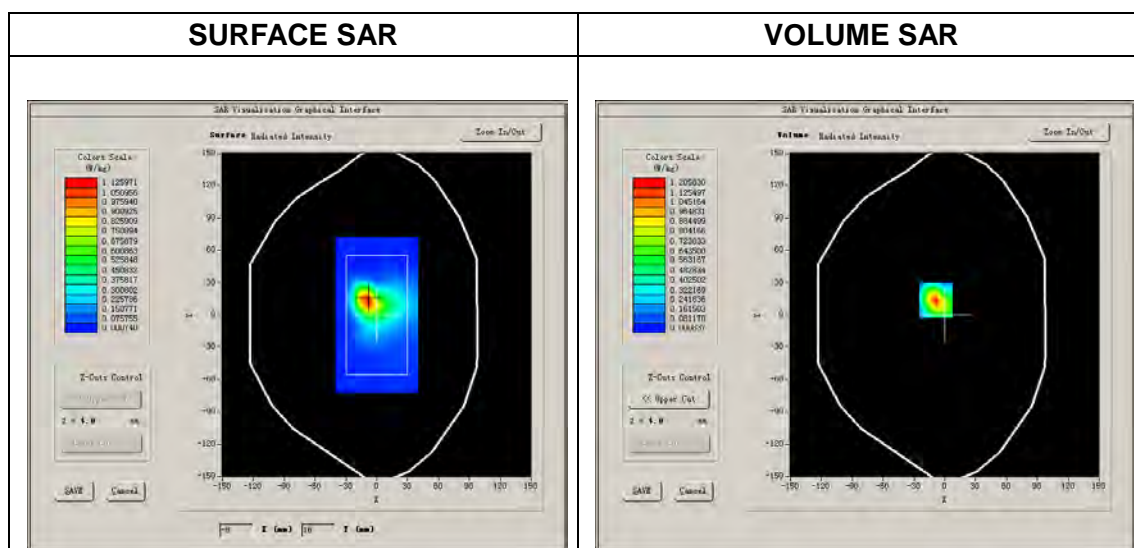
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -1.020000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

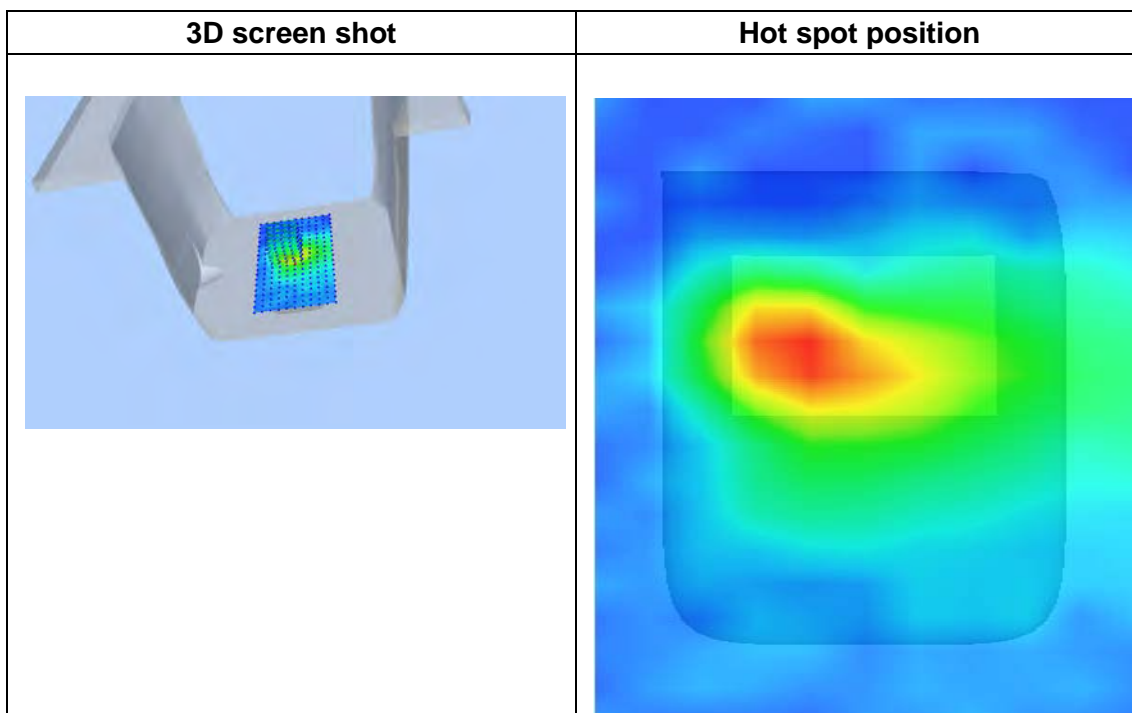
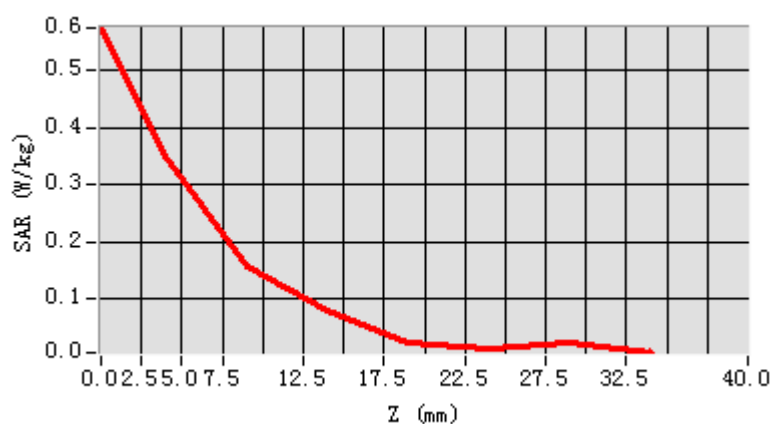
SURFACE SAR

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.108188 |
| SAR 1g (W/Kg) | 0.213275 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.4820 | 0.1875 | 0.0202 | 0.0069 | 0.0009 | 0.0061 | 0.0072 |



**MEASUREMENT 29**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

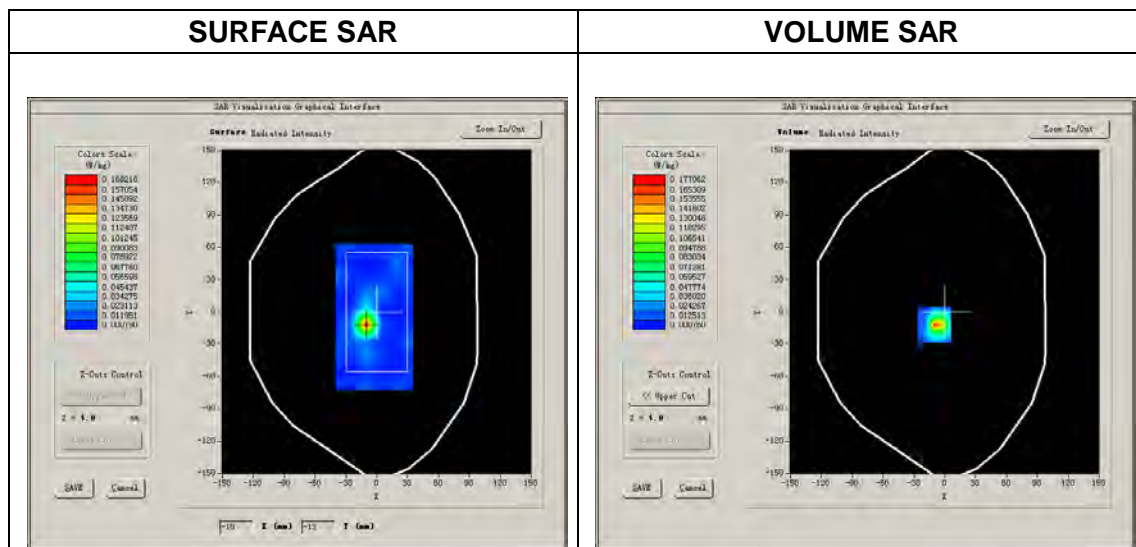
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| <u>Phantom File</u> | <u>surf_sam_plan.txt</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>802.11g</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -1.020000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR



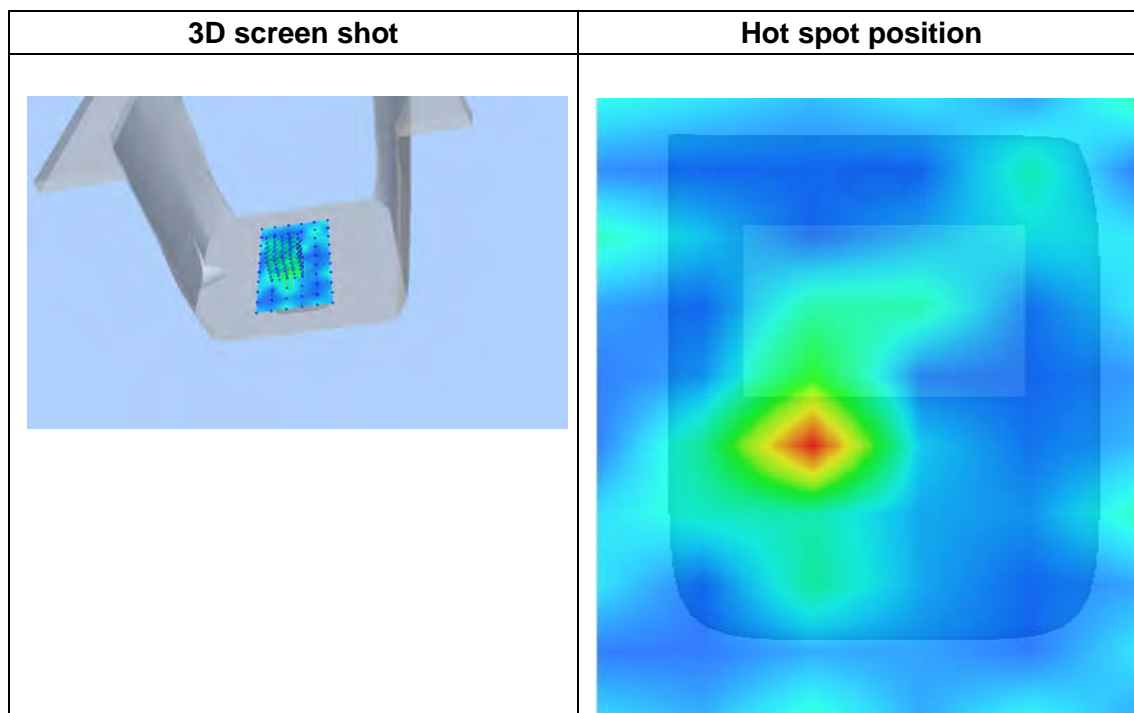
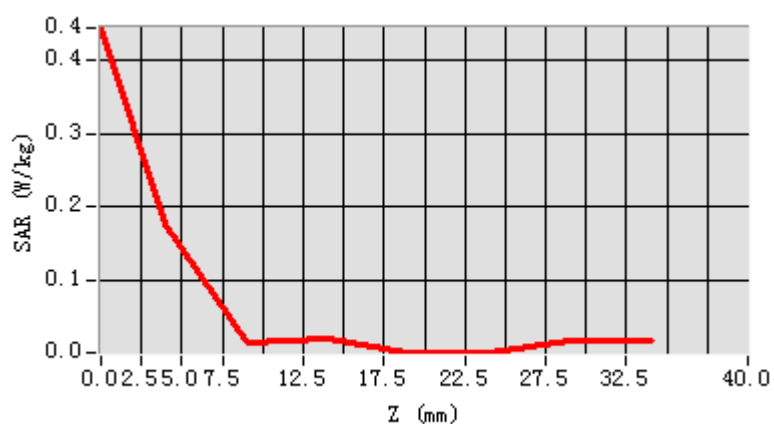
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.038188 |
| SAR 1g (W/Kg) | 0.095275 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.4436 | 0.1771 | 0.0151 | 0.0190 | 0.0009 | 0.0009 | 0.0184 |



**MEASUREMENT 30**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

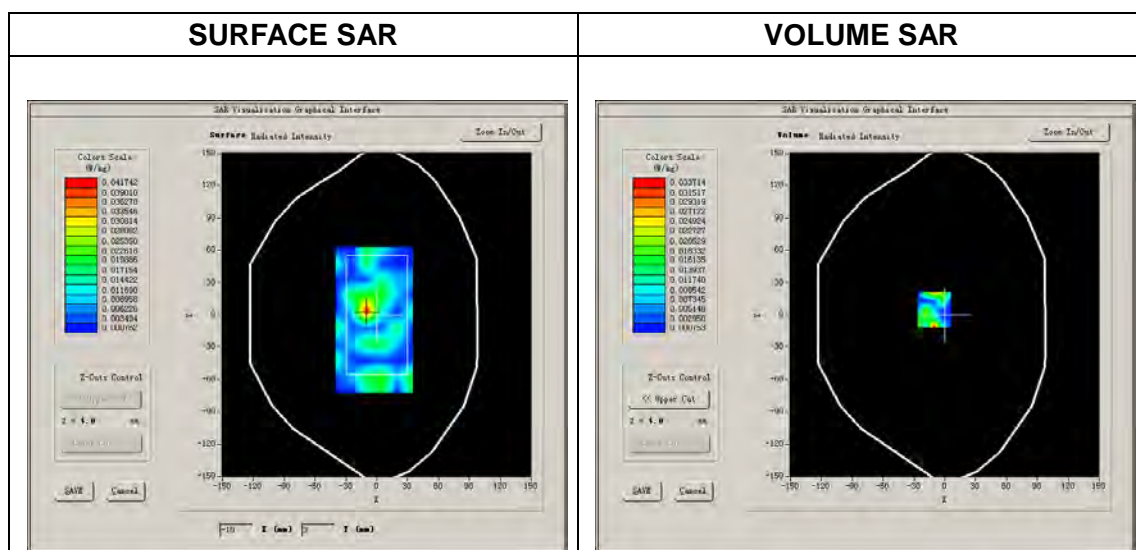
A. Experimental conditions.

| | |
|------------------------|--------------------------|
| Phantom File | <u>surf_sam_plan.txt</u> |
| Phantom | <u>Validation plane</u> |
| Device Position | <u>Body</u> |
| Band | <u>802.11g</u> |
| Channels | <u>High</u> |
| Signal | <u>OFDM</u> |

B. SAR Measurement Results

Higher Band SAR (Channel 11):

| | |
|--|-------------|
| Frequency (MHz) | 2462.000000 |
| Relative permittivity (real part) | 52.684727 |
| Conductivity (S/m) | 1.966143 |
| Power drift (%) | -3.332000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 22.7°C |
| ConvF: | 4.96 |
| Crest factor: | 1:1 |

SURFACE SAR

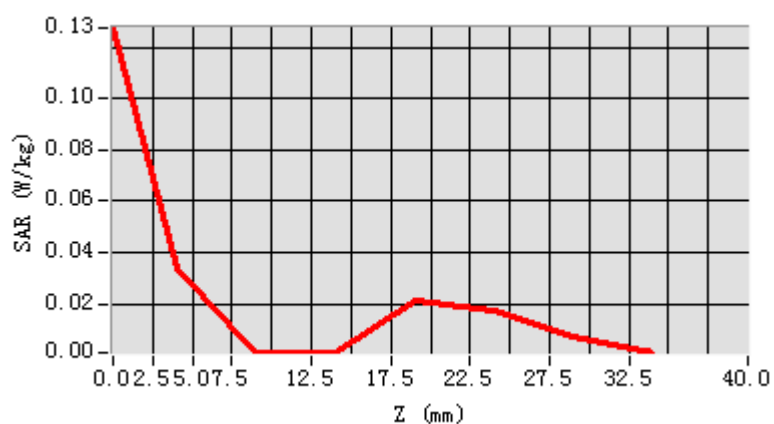


Maximum location: X=-24.00, Y=7.00

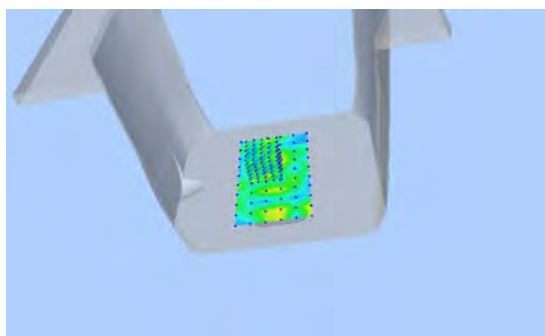
SAR Peak: 1.14 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.026647 |
| SAR 1g (W/Kg) | 0.088144 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.1276 | 0.0337 | 0.0009 | 0.0009 | 0.0209 | 0.0174 | 0.0070 |



3D screen shot



Hot spot position

