

Annex C Plots of System Performance Check

System Performance Check Data (750MHz Head)

Type: Phone measurement (Complete)

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

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

Date of measurement: 2018.06.23

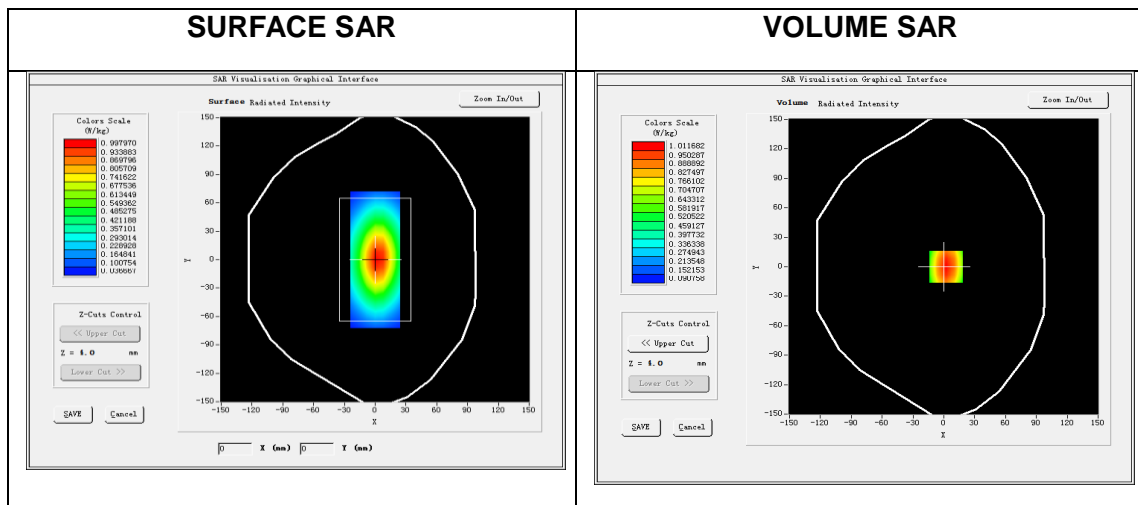
Measurement duration: 13 minutes 28 seconds

A. Experimental conditions.

| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 750MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

| | |
|-----------------------------------|------------|
| Frequency (MHz) | 750.000000 |
| Relative permittivity (real part) | 41.350601 |
| Conductivity (S/m) | 0.885608 |
| Power drift (%) | 1.030000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 21.2°C |
| ConvF: | 6.44 |
| Crest factor: | 1:1 |

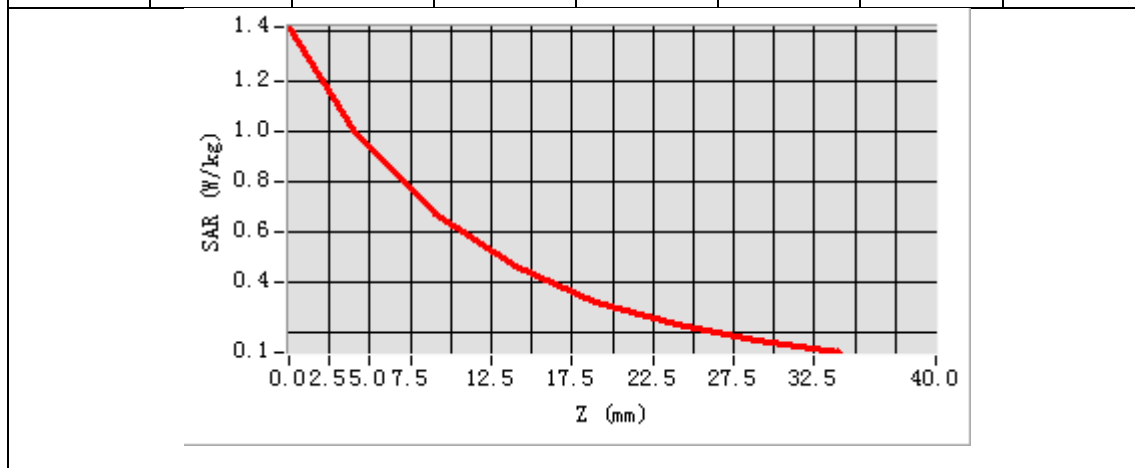


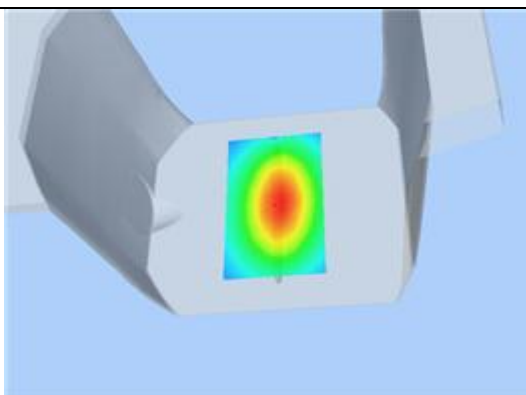
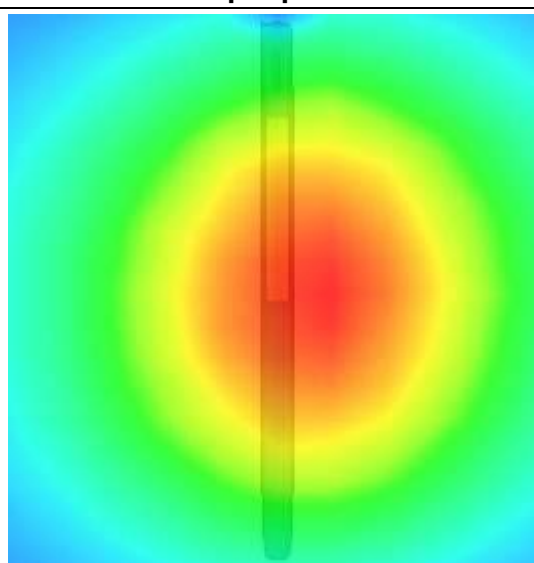
Maximum location: X=2.00, Y=0.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.539271 |
| SAR 1g (W/Kg) | 0.783215 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.4197 | 1.0117 | 0.6692 | 0.4600 | 0.3210 | 0.2279 | 0.1624 |



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



System Performance Check Data (750MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2018.06.25
 Measurement duration: 13 minutes 36 seconds

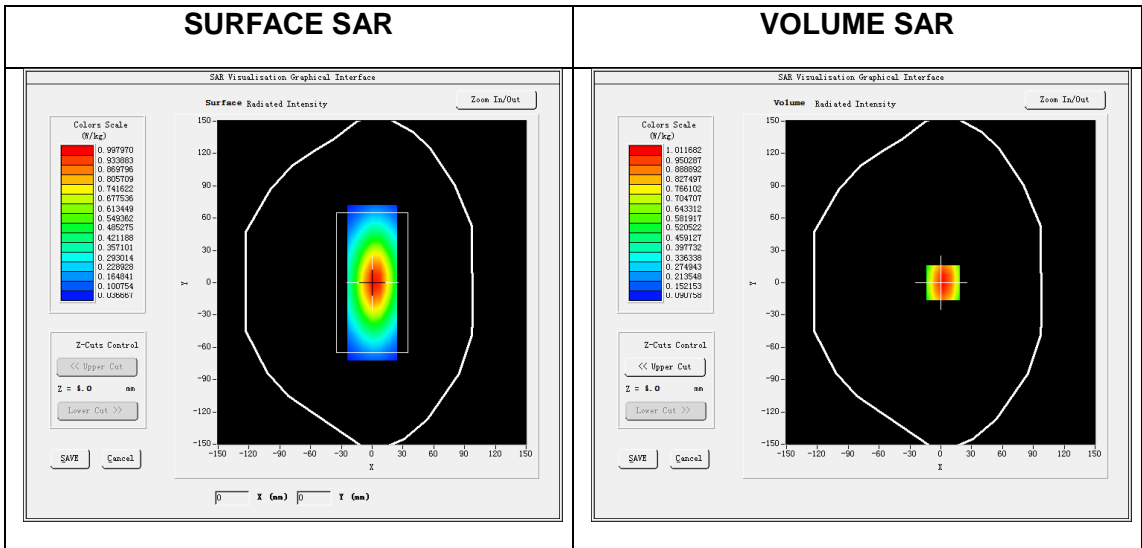
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 750MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|--|------------|
| Frequency (MHz) | 750.000000 |
| Relative permittivity (real part) | 53.517799 |
| Conductivity (S/m) | 1.031025 |
| Power drift (%) | 0.320000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 21.2°C |
| ConvF: | 6.68 |
| Crest factor: | 1:1 |

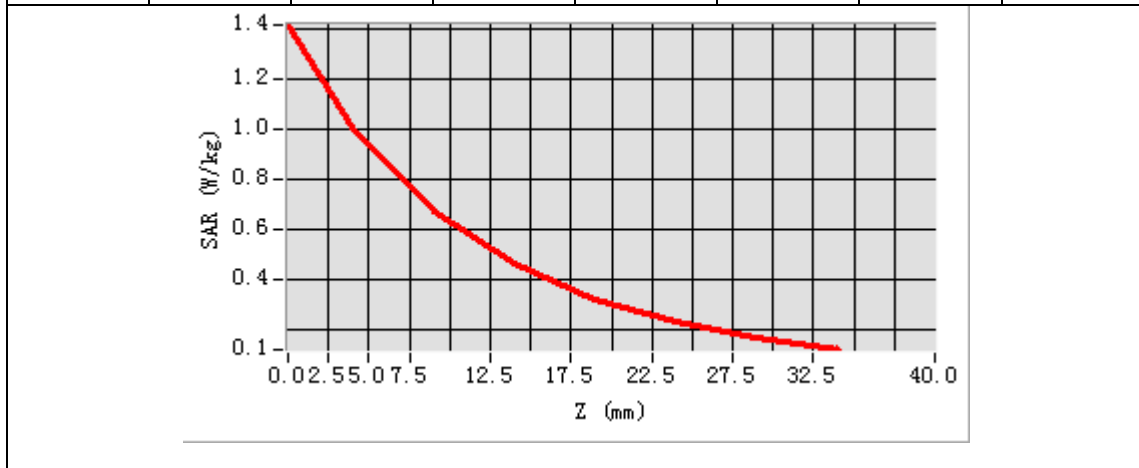


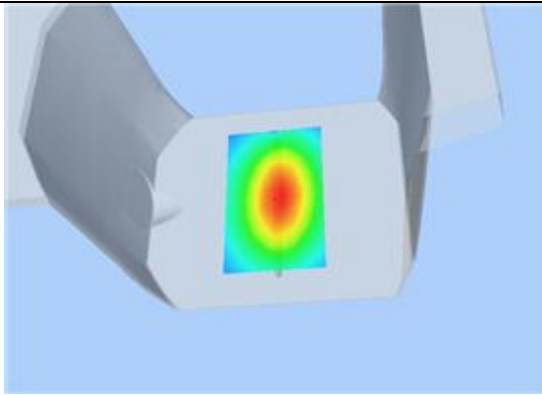
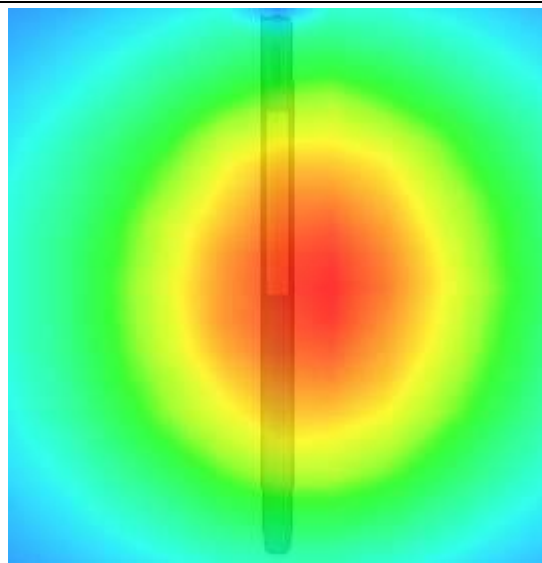
Maximum location: X=2.00, Y=0.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.609663 |
| SAR 1g (W/Kg) | 0.905411 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.4197 | 1.0117 | 0.6692 | 0.4600 | 0.3210 | 0.2279 | 0.1624 |



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



System Performance Check Data (835MHz Head)

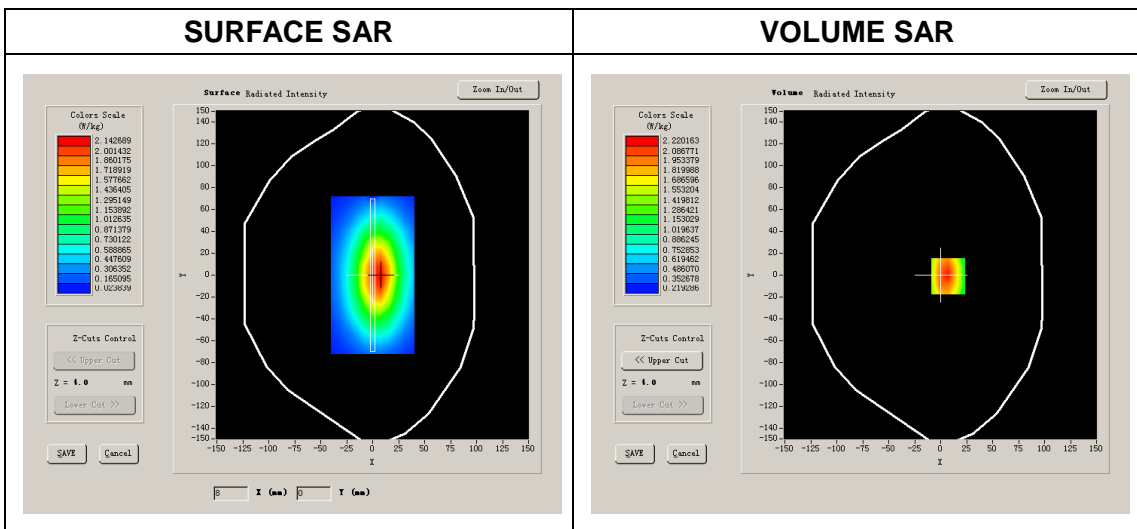
Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2018.06.23
 Measurement duration: 13 minutes 35 seconds

A. Experimental conditions.

| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 835MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

| | |
|-----------------------------------|------------|
| Frequency (MHz) | 835.000000 |
| Relative permittivity (real part) | 41.182291 |
| Conductivity (S/m) | 0.891718 |
| Power drift (%) | 1.070000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 21.2°C |
| ConvF: | 6.13 |
| Crest factor: | 1:1 |

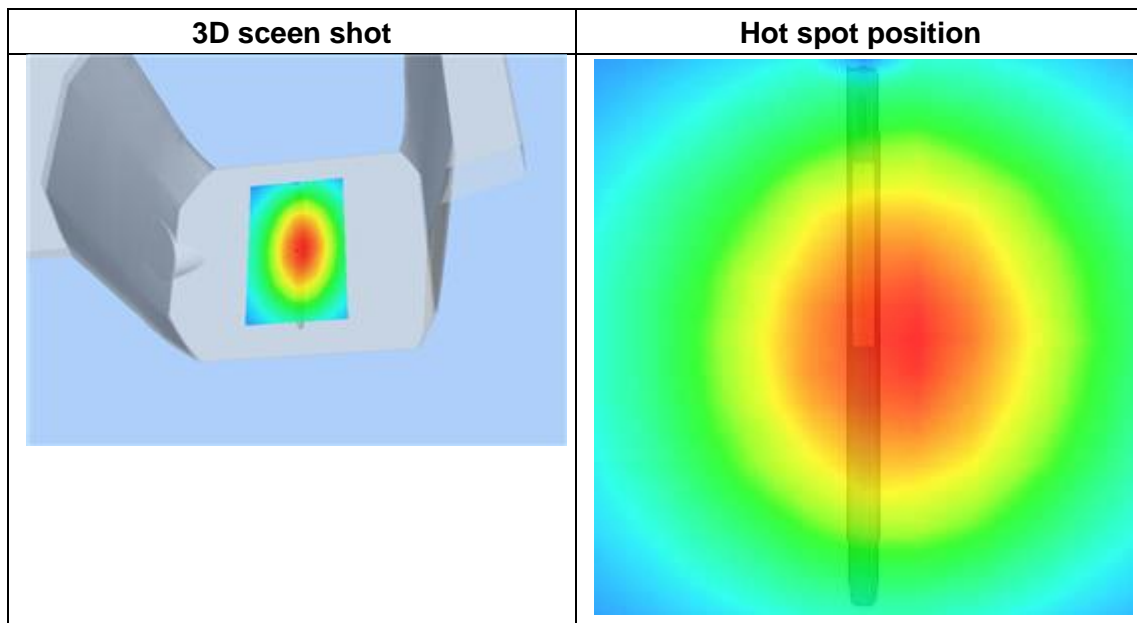
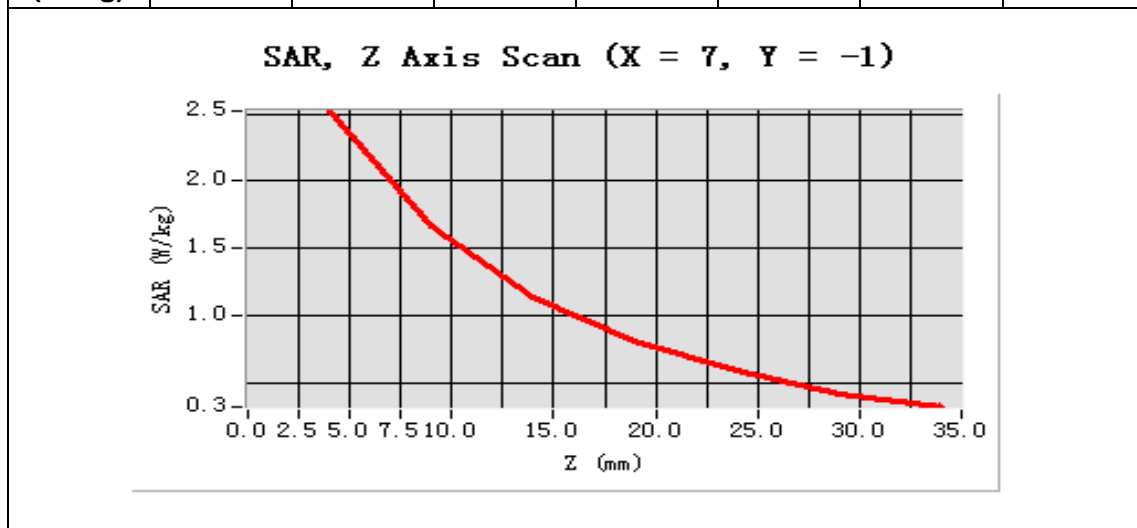


Maximum location: X=7.00, Y=-1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.622151 |
| SAR 1g (W/Kg) | 0.968476 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 2.5209 | 1.6629 | 1.1437 | 0.8075 | 0.5889 | 0.4143 |





System Performance Check Data (835MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2018.06.25
 Measurement duration: 13 minutes 28 seconds

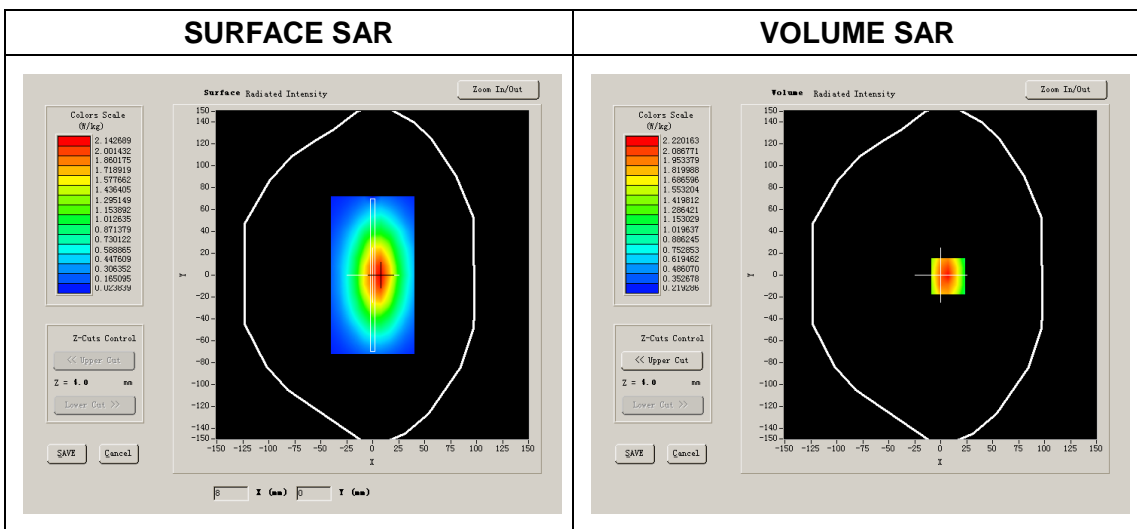
A. Experimental conditions.

| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 835MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|-----------------------------------|------------|
| Frequency (MHz) | 835.000000 |
| Relative permittivity (real part) | 55.382291 |
| Conductivity (S/m) | 0.972171 |
| Power drift (%) | 1.070000 |
| Ambient Temperature: | 22.6°C |
| Liquid Temperature: | 21.2°C |
| ConvF: | 6.37 |
| Crest factor: | 1:1 |

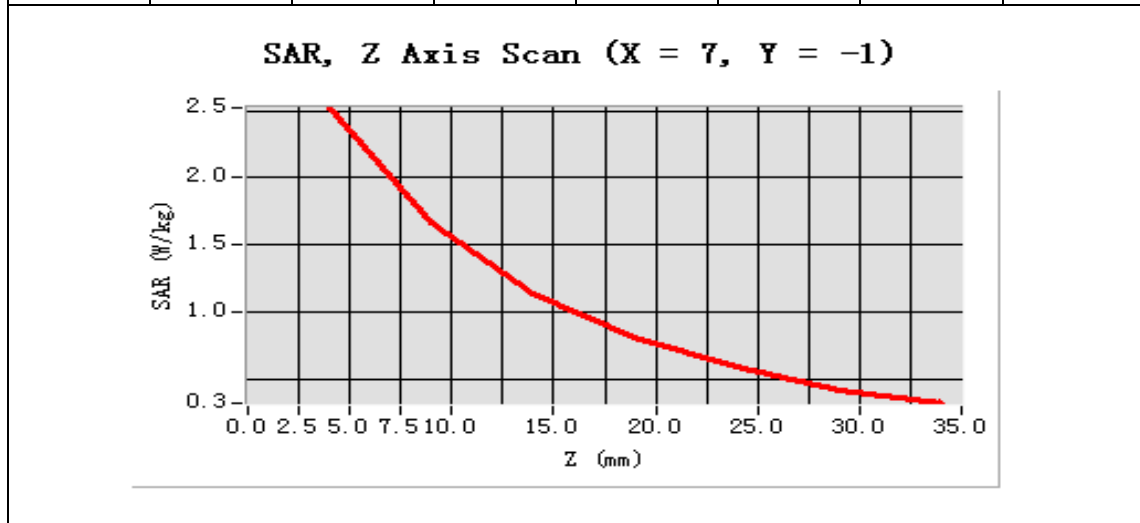


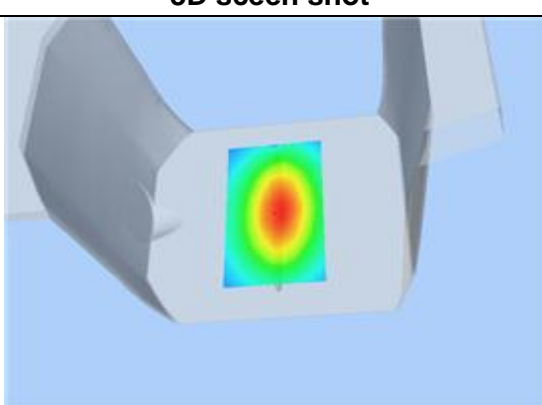
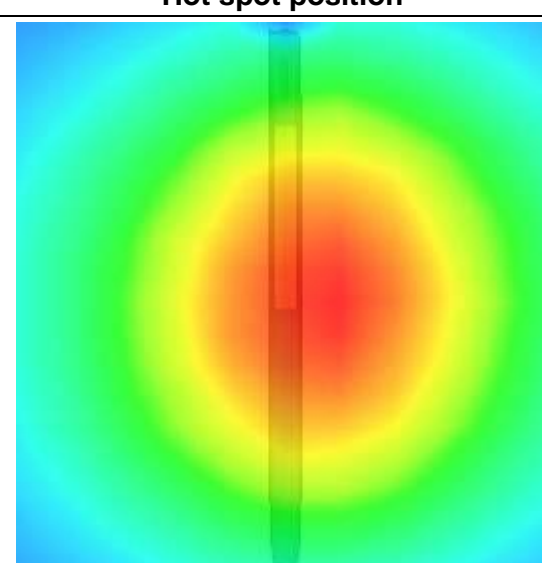
Maximum location: X=7.00, Y=-1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.629151 |
| SAR 1g (W/Kg) | 0.986576 |

Z Axis Scan

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.0000 | 2.5209 | 1.6629 | 1.1437 | 0.8075 | 0.5889 | 0.4143 |



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



System Performance Check Data(1800MHz Head)

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2018.06.19
 Measurement duration: 13 minutes 27 seconds

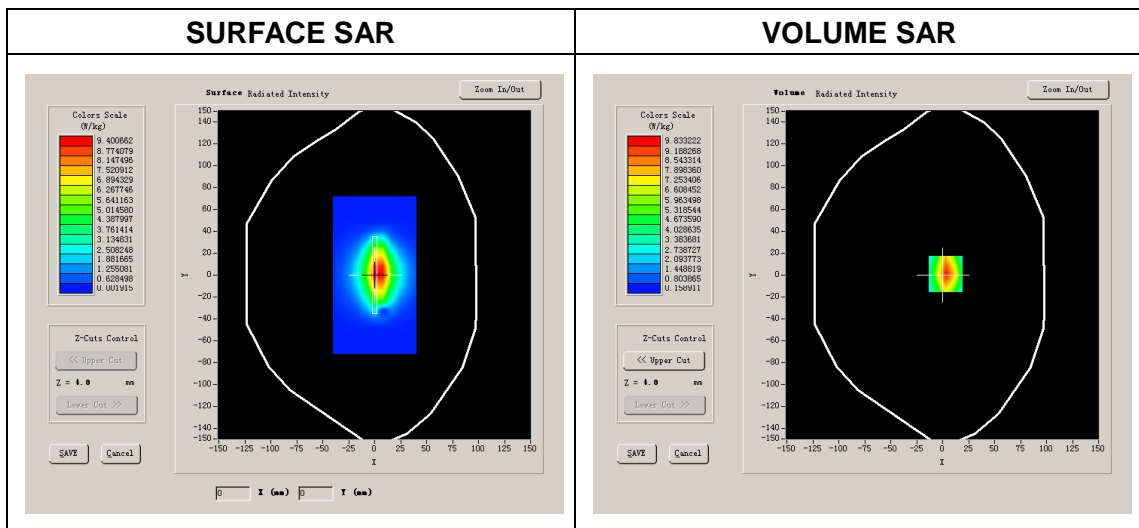
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 1800MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|--|-------------|
| Frequency (MHz) | 1800.000000 |
| Relative permittivity (real part) | 40.095167 |
| Conductivity (S/m) | 1.365073 |
| Power drift (%) | 0.310000 |
| Ambient Temperature: | 22.3°C |
| Liquid Temperature: | 22.6°C |
| ConvF: | 5.21 |
| Crest factor: | 1:1 |

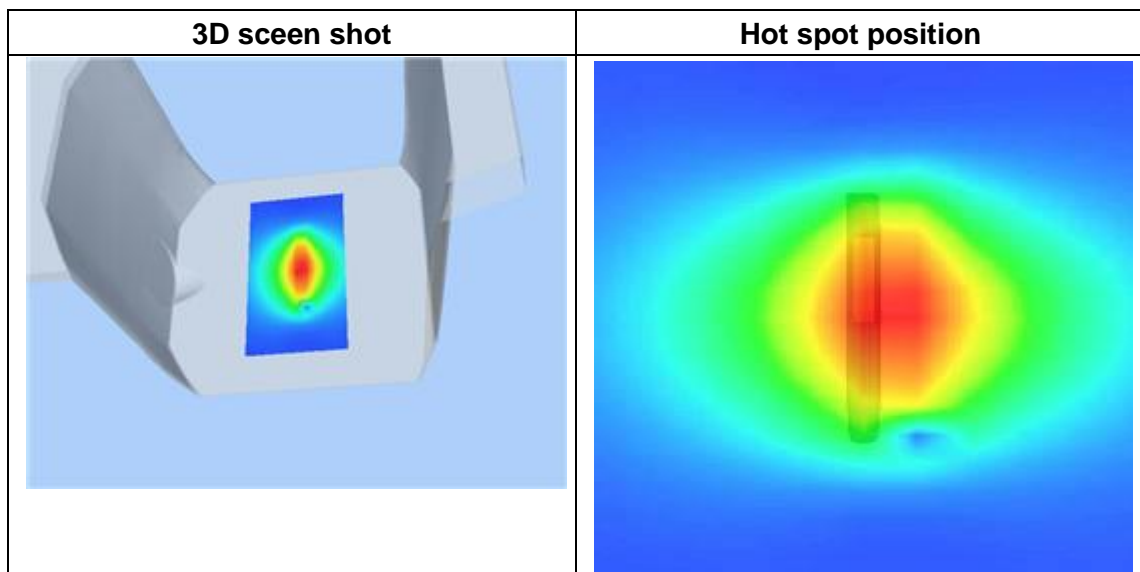
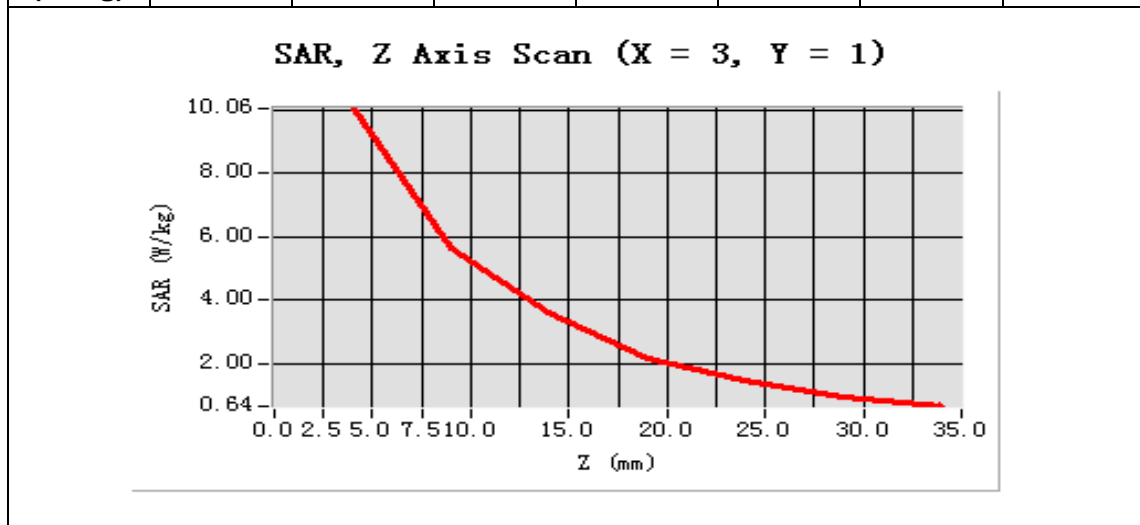


Maximum location: X=3.00, Y=1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.048386 |
| SAR 1g (W/Kg) | 3.698154 |

Z Axis Scan

| | | | | | | | |
|------------|--------|---------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.0000 | 10.0621 | 5.6445 | 3.6226 | 2.1642 | 1.4521 | 0.9078 |





System Performance Check Data(1800MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2018.06.24
 Measurement duration: 13 minutes 27 seconds

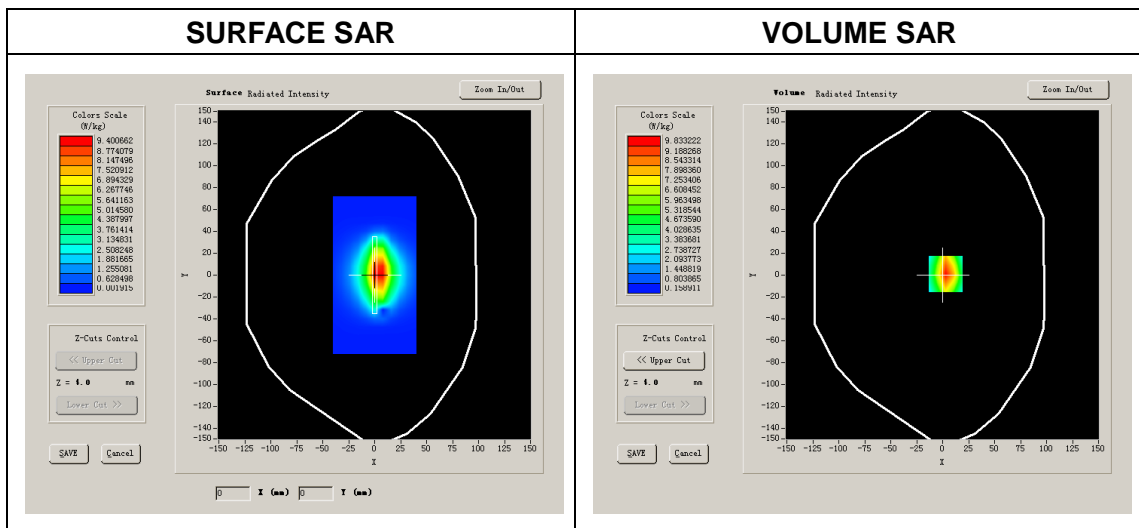
A. Experimental conditions.

| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 1800MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 1800.000000 |
| Relative permittivity (real part) | 53.295167 |
| Conductivity (S/m) | 1.515073 |
| Power drift (%) | 0.310000 |
| Ambient Temperature: | 22.3°C |
| Liquid Temperature: | 22.6°C |
| ConvF: | 5.38 |
| Crest factor: | 1:1 |

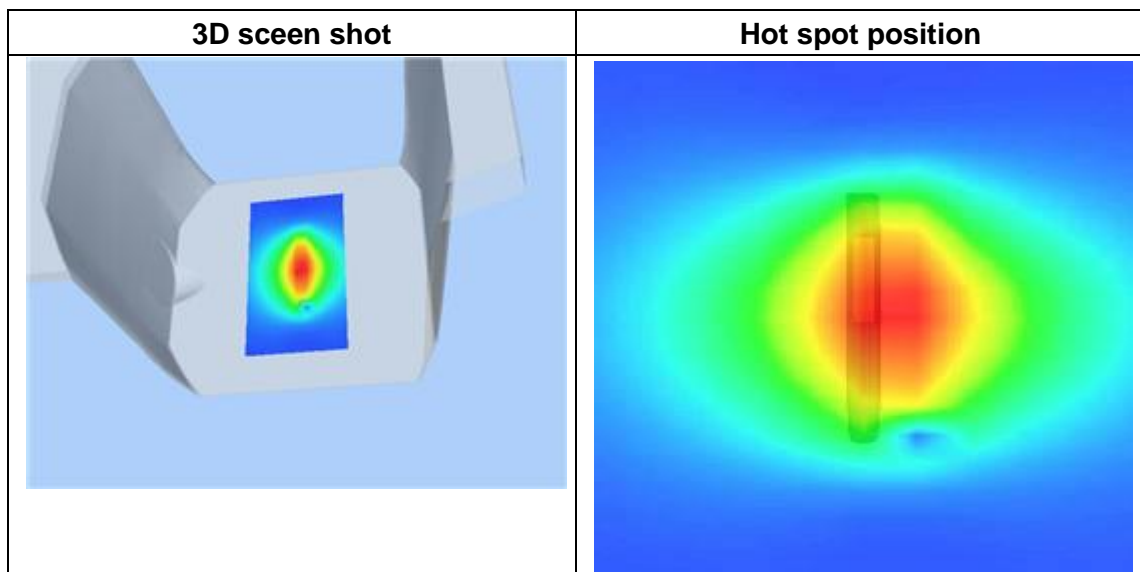
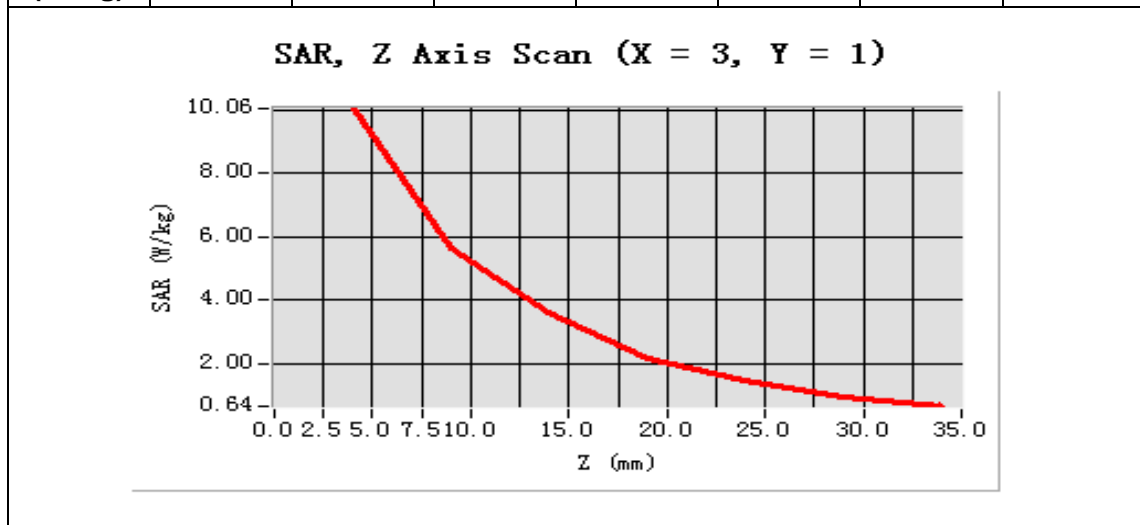


Maximum location: X=3.00, Y=1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.038386 |
| SAR 1g (W/Kg) | 3.753454 |

Z Axis Scan

| | | | | | | | |
|------------|--------|---------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.0000 | 10.0621 | 5.6445 | 3.6226 | 2.1642 | 1.4521 | 0.9078 |





System Performance Check Data(2000MHz Head)

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2018.06.19
 Measurement duration: 13 minutes 27 seconds

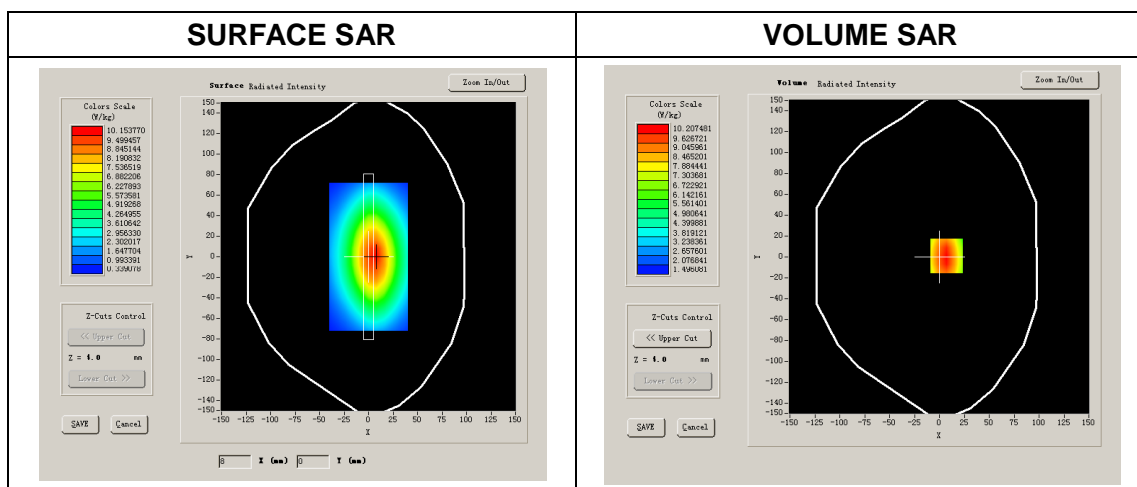
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 2000MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|--|-------------|
| Frequency (MHz) | 2000.000000 |
| Relative permittivity (real part) | 39.984477 |
| Conductivity (S/m) | 1.414283 |
| Power drift (%) | -0.830000 |
| Ambient Temperature: | 22.1°C |
| Liquid Temperature: | 22.4°C |
| ConvF: | 5.61 |
| Crest factor: | 1:1 |

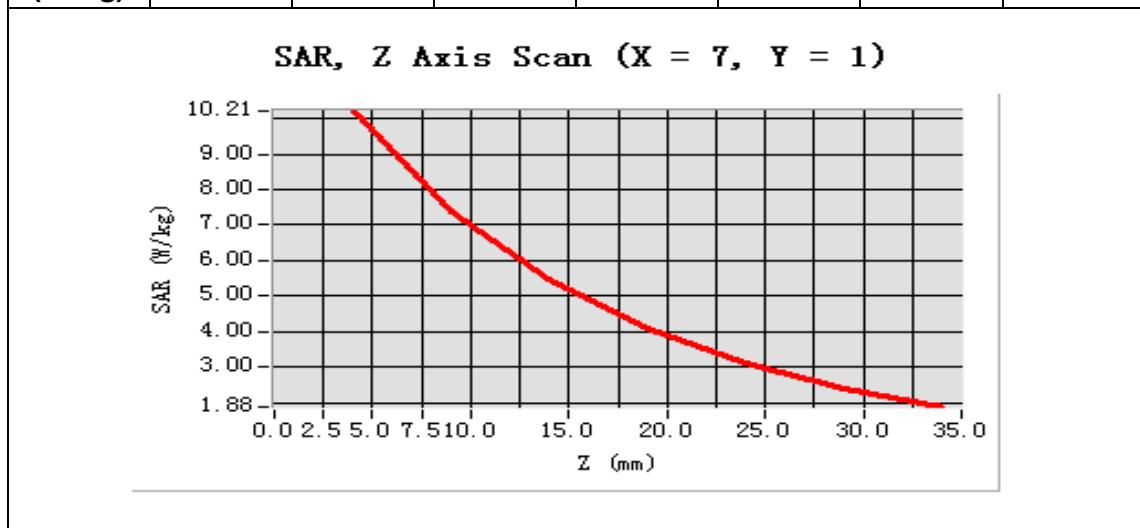


Maximum location: X=7.00, Y=1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 1.992518 |
| SAR 1g (W/Kg) | 4.255954 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|---------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 10.2075 | 7.3996 | 5.4654 | 4.1101 | 3.1286 | 2.4128 |





System Performance Check Data(2000MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2018.06.24
 Measurement duration: 13 minutes 27 seconds

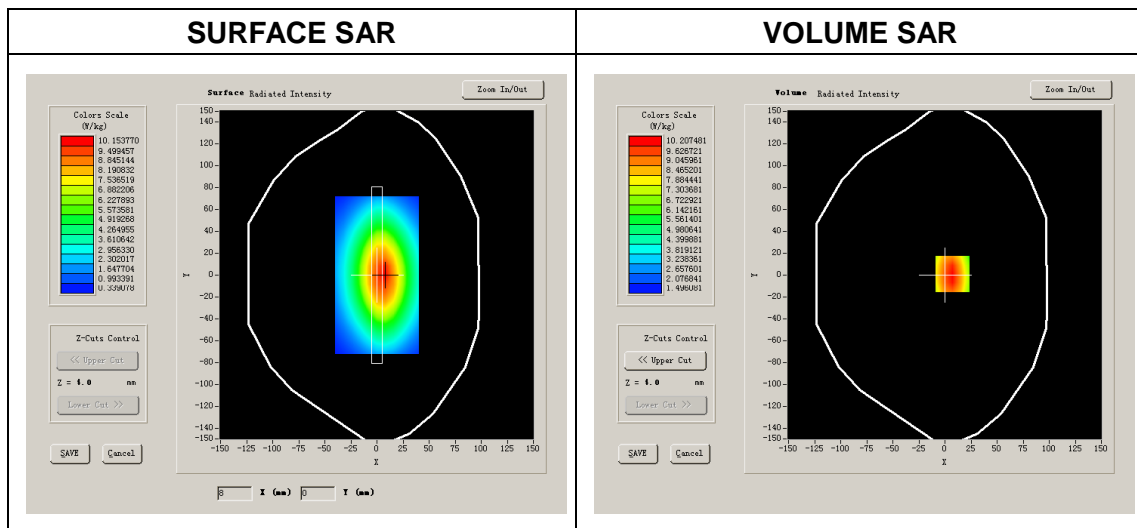
A. Experimental conditions.

| | |
|-----------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 2000MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|-----------------------------------|-------------|
| Frequency (MHz) | 2000.000000 |
| Relative permittivity (real part) | 53.285167 |
| Conductivity (S/m) | 1.514073 |
| Power drift (%) | -1.860000 |
| Ambient Temperature: | 22.1°C |
| Liquid Temperature: | 22.4°C |
| ConvF: | 5.71 |
| Crest factor: | 1:1 |

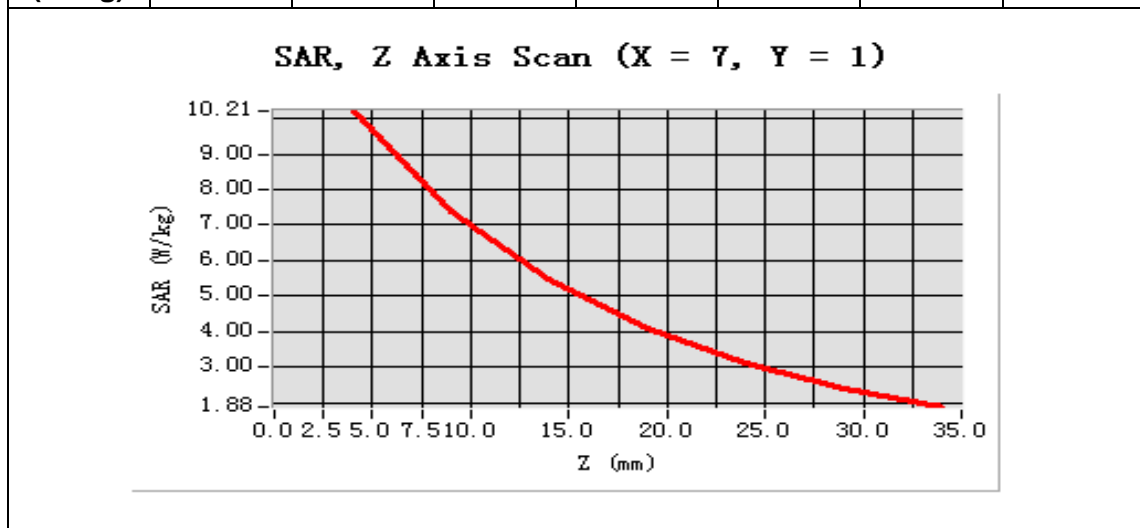


Maximum location: X=7.00, Y=1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.092518 |
| SAR 1g (W/Kg) | 4.119540 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|---------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 10.2075 | 7.3996 | 5.4654 | 4.1101 | 3.1286 | 2.4128 |





System Performance Check Data(2450MHz Head)

Type: Phone measurement (Complete)
 Area scan resolution: dx=12mm,dy=12mm
 Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm
 Date of measurement: 2018.06.21
 Measurement duration: 13 minutes 31 seconds

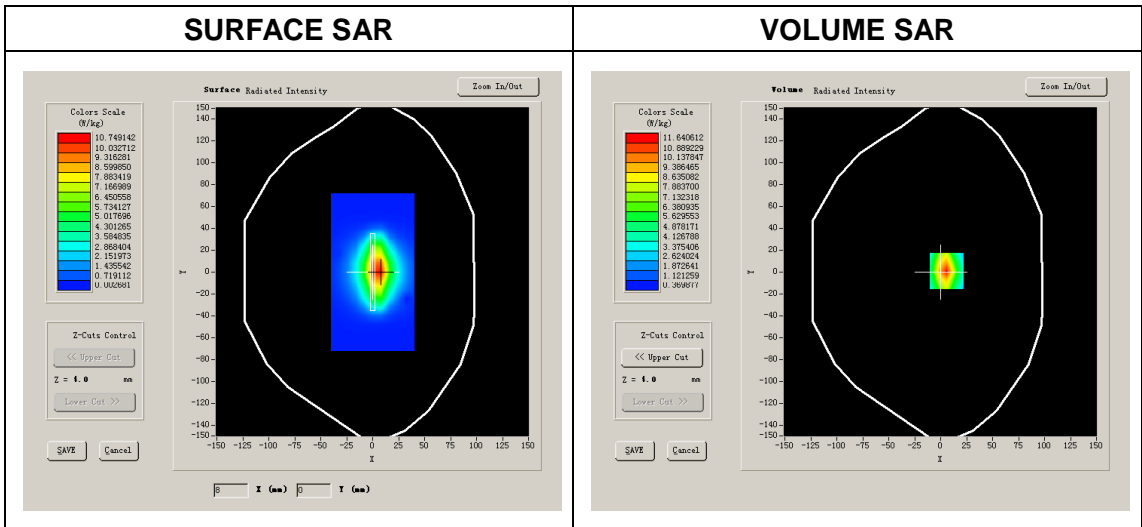
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 2450MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|--|-------------|
| Frequency (MHz) | 2450.000000 |
| Relative permittivity (real part) | 39.284446 |
| Conductivity (S/m) | 1.836061 |
| Power Drift (%) | 1.080000 |
| Ambient Temperature: | 22.0°C |
| Liquid Temperature: | 21.8°C |
| ConvF: | 4.82 |
| Crest factor: | 1:1 |

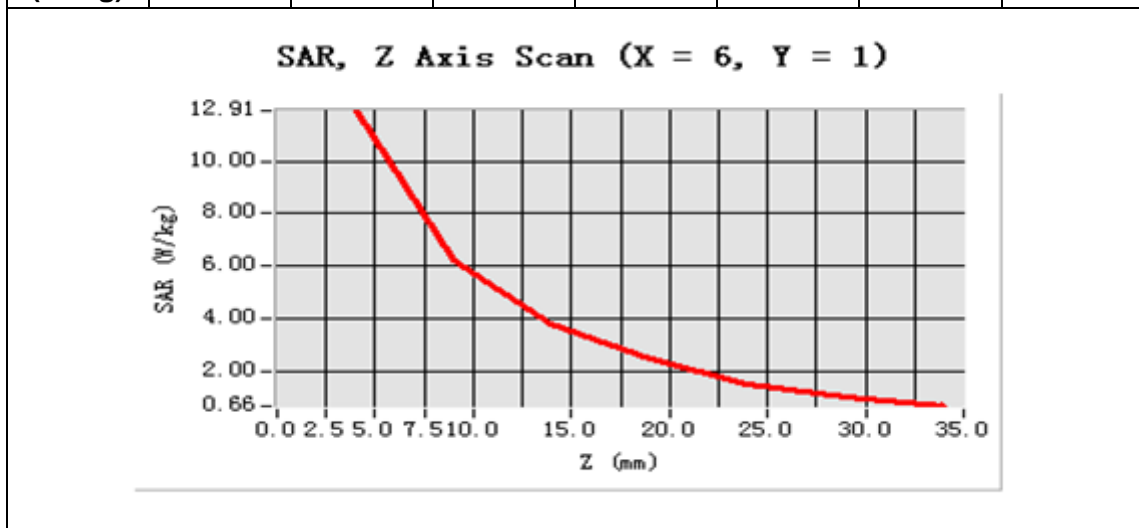


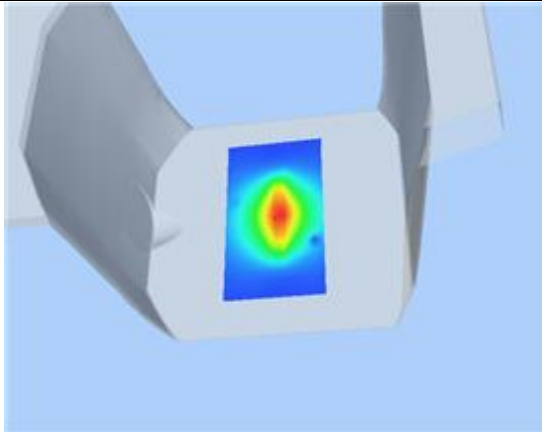
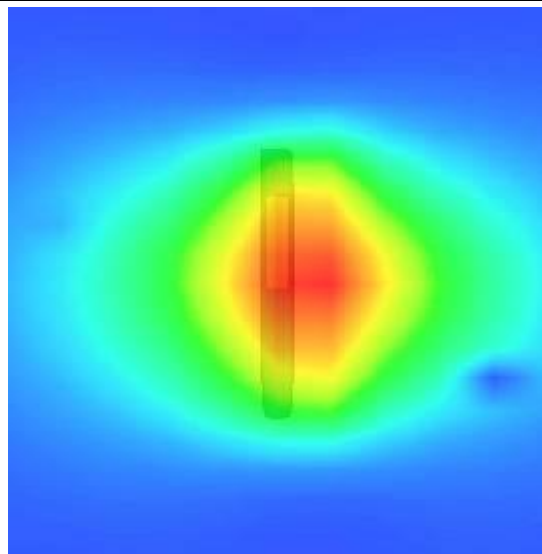
Maximum location: X=6.00, Y=1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.377250 |
| SAR 1g (W/Kg) | 5.326074 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|---------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 12.9615 | 6.2096 | 3.8187 | 2.4504 | 1.5036 | 1.0219 |



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



System Performance Check Data(2450MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=12mm,dy=12mm
 Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm
 Date of measurement: 2018.06.21
 Measurement duration: 13 minutes 31 seconds

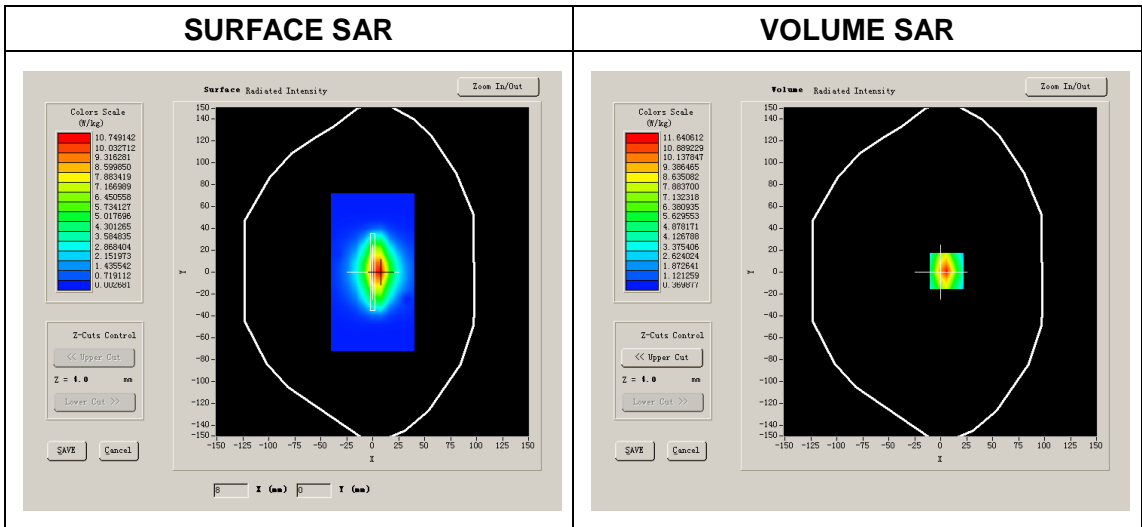
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 2450MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|--|-------------|
| Frequency (MHz) | 2450.000000 |
| Relative permittivity (real part) | 52.884446 |
| Conductivity (S/m) | 1.966143 |
| Power Drift (%) | 1.080000 |
| Ambient Temperature: | 22.0°C |
| Liquid Temperature: | 21.8°C |
| ConvF: | 4.93 |
| Crest factor: | 1:1 |

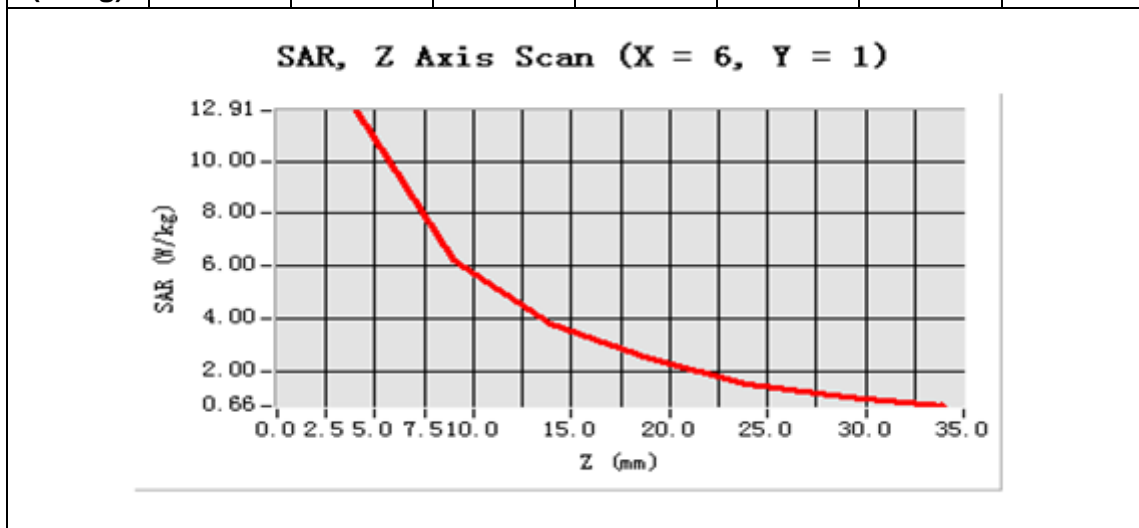


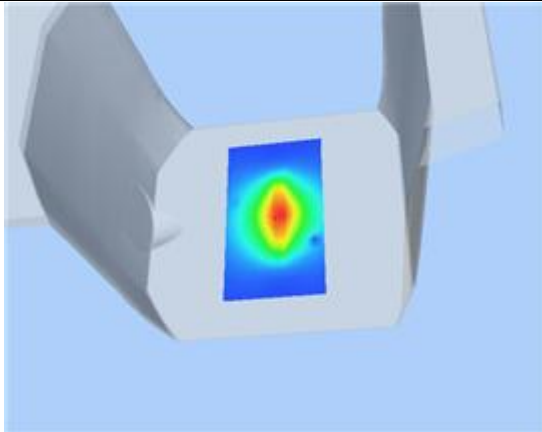
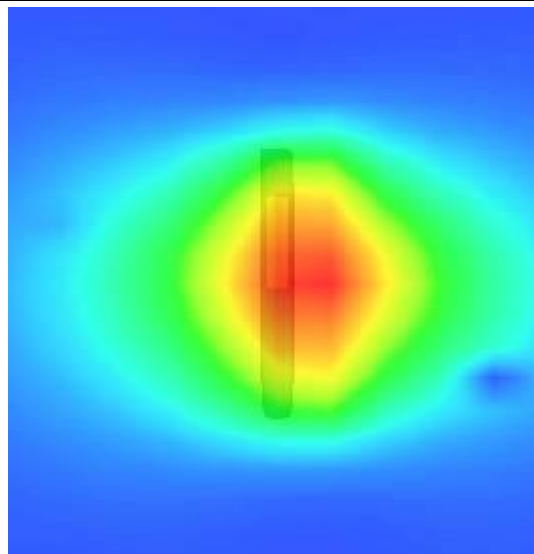
Maximum location: X=6.00, Y=1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.377250 |
| SAR 1g (W/Kg) | 5.081074 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|---------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 12.9615 | 6.2096 | 3.8187 | 2.4504 | 1.5036 | 1.0219 |



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



System Performance Check Data(2600MHz Head)

Type: Phone measurement (Complete)
 Area scan resolution: dx=12mm,dy=12mm
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm
 Date of measurement: 2018.06.21
 Measurement duration: 13 minutes 31 seconds

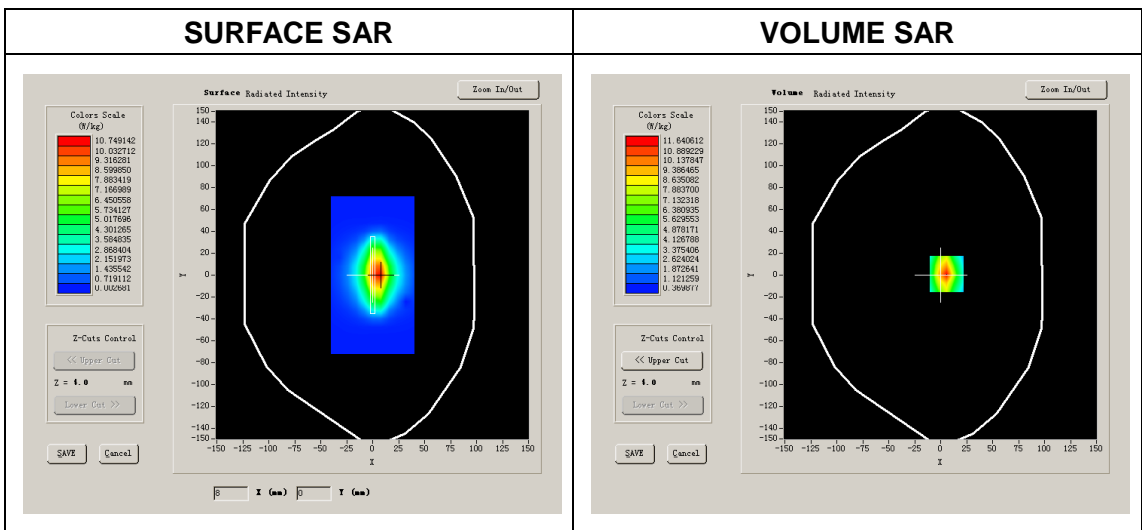
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 2600MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|--|-------------|
| Frequency (MHz) | 2600.000000 |
| Relative permittivity (real part) | 39.024564 |
| Conductivity (S/m) | 1.975236 |
| Power Drift (%) | 1.080000 |
| Ambient Temperature: | 22.0°C |
| Liquid Temperature: | 21.8°C |
| ConvF: | 4.74 |
| Crest factor: | 1:1 |

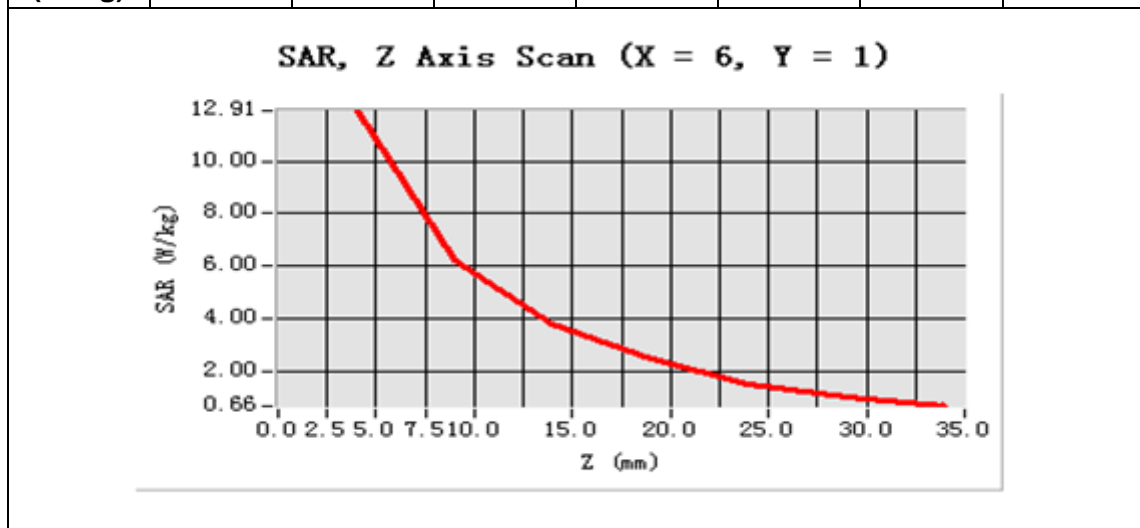


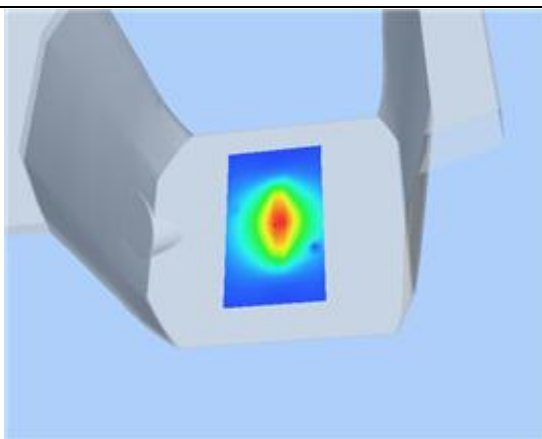
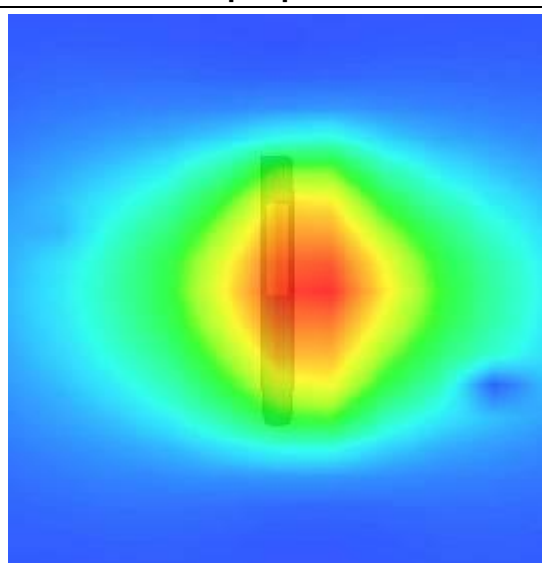
Maximum location: X=6.00, Y=1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.498154 |
| SAR 1g (W/Kg) | 5.681472 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|---------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 12.9745 | 6.2193 | 3.8245 | 2.4624 | 1.5033 | 1.0220 |



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



System Performance Check Data(2600MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=8mm,dy=8mm
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
 Date of measurement: 2018.06.21
 Measurement duration: 13 minutes 31 seconds

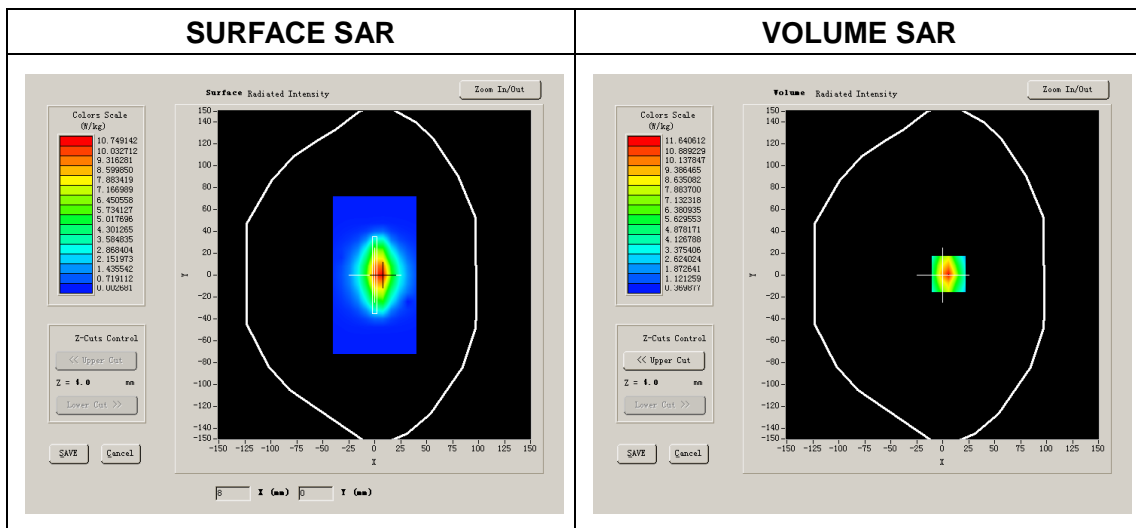
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Flat |
| Device Position | |
| Band | 2600MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|--|-------------|
| Frequency (MHz) | 2600.000000 |
| Relative permittivity (real part) | 52.362564 |
| Conductivity (S/m) | 2.105256 |
| Power Drift (%) | 1.380000 |
| Ambient Temperature: | 22.0°C |
| Liquid Temperature: | 21.8°C |
| ConvF: | 4.93 |
| Crest factor: | 1:1 |

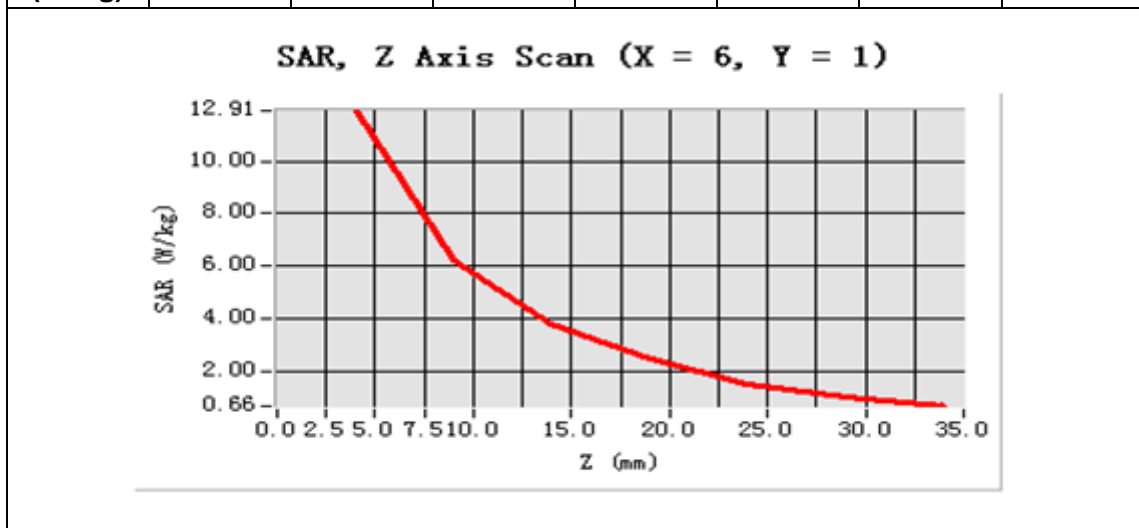


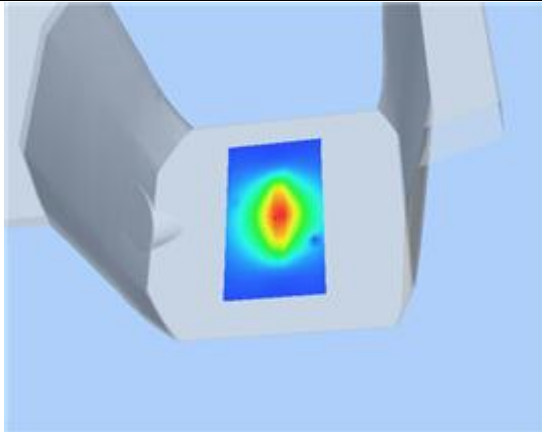
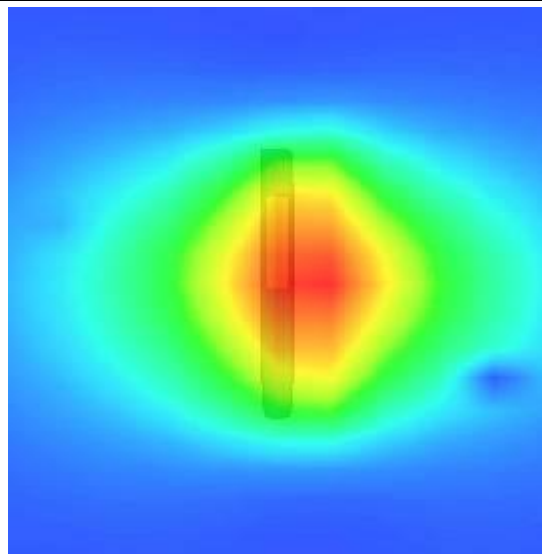
Maximum location: X=6.00, Y=1.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 2.369854 |
| SAR 1g (W/Kg) | 5.386472 |

Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
|------------|--------|---------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 12.9745 | 6.2193 | 3.8245 | 2.4624 | 1.5033 | 1.0220 |



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



System Performance Check Data(5200MHz Head)

Type: Phone measurement (Complete)
 Area scan resolution: dx=10mm,dy=10mm
 Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm
 Date of measurement: 2018.06.22
 Measurement duration: 23 minutes 27 seconds

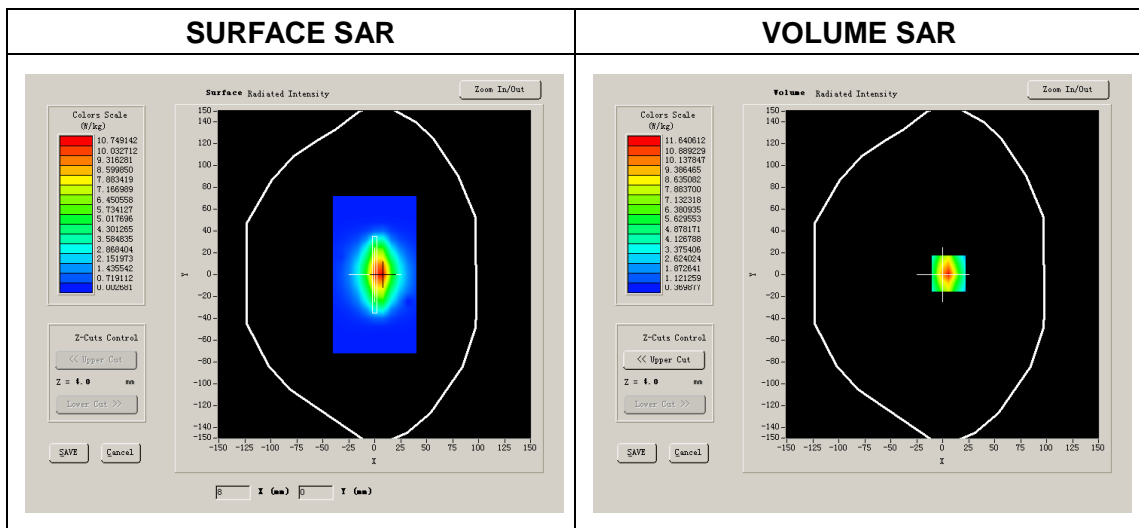
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | |
| Band | 5200MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

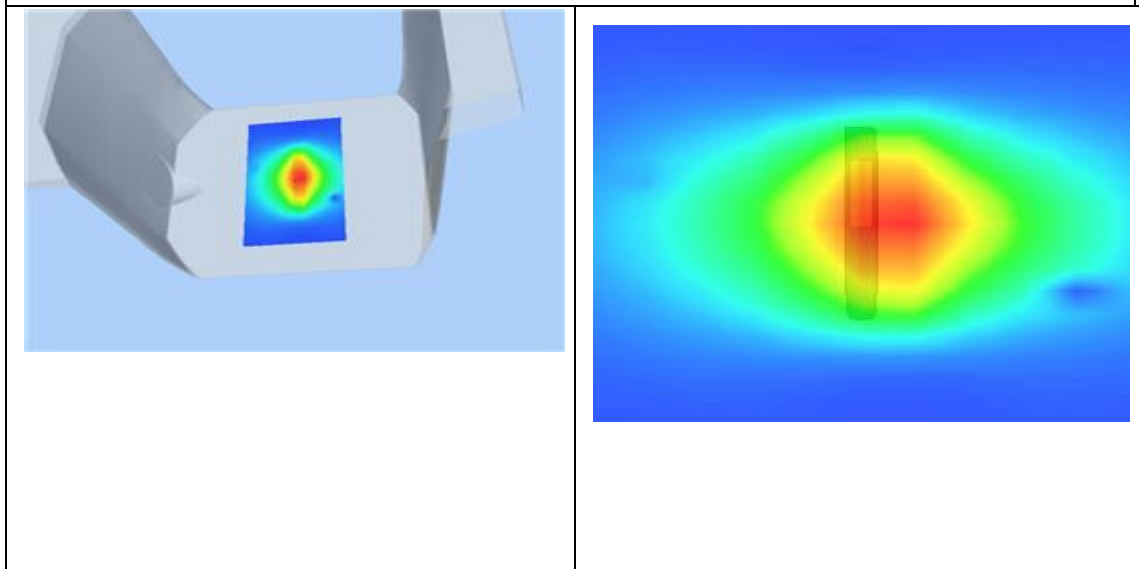
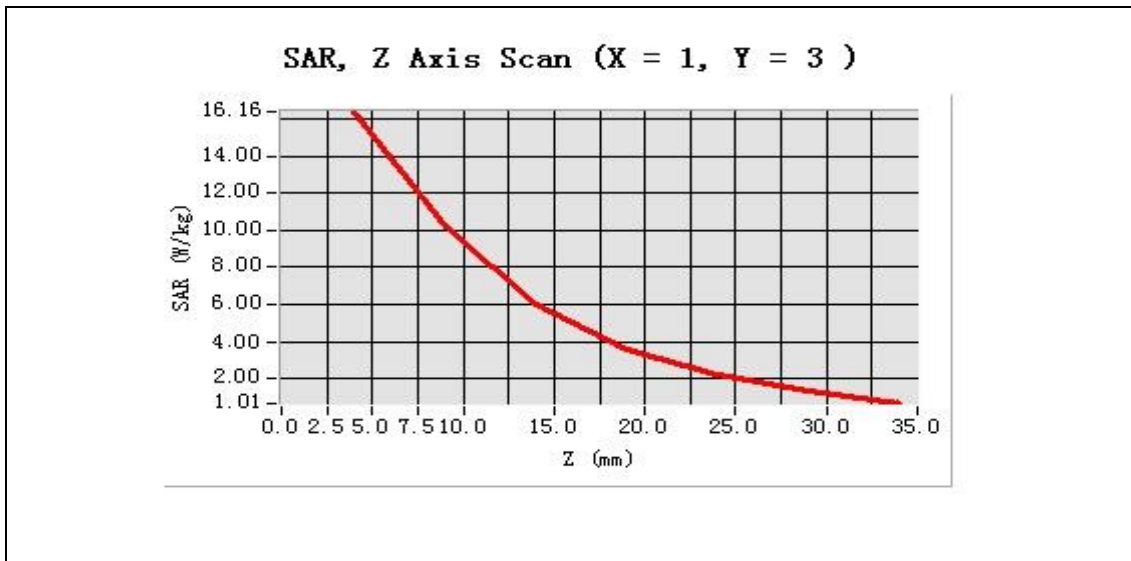
| | |
|--|-------------|
| Frequency (MHz) | 5200.000000 |
| Relative permittivity (real part) | 36.123014 |
| Conductivity (S/m) | 4.665260 |
| Power Drift (%) | 2.310000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 21.61 |
| Crest factor: | 1:1 |



Maximum location: X=1.00, Y=3.00

| | |
|----------------|-----------|
| SAR 10g (W/Kg) | 5.651263 |
| SAR 1g (W/Kg) | 16.398864 |

Z Axis Scan





System Performance Check Data(5600MHz Head)

Type: Phone measurement (Complete)
 Area scan resolution: dx=10mm,dy=10mm
 Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm
 Date of measurement: 2018.06.22
 Measurement duration: 13 minutes 27 seconds

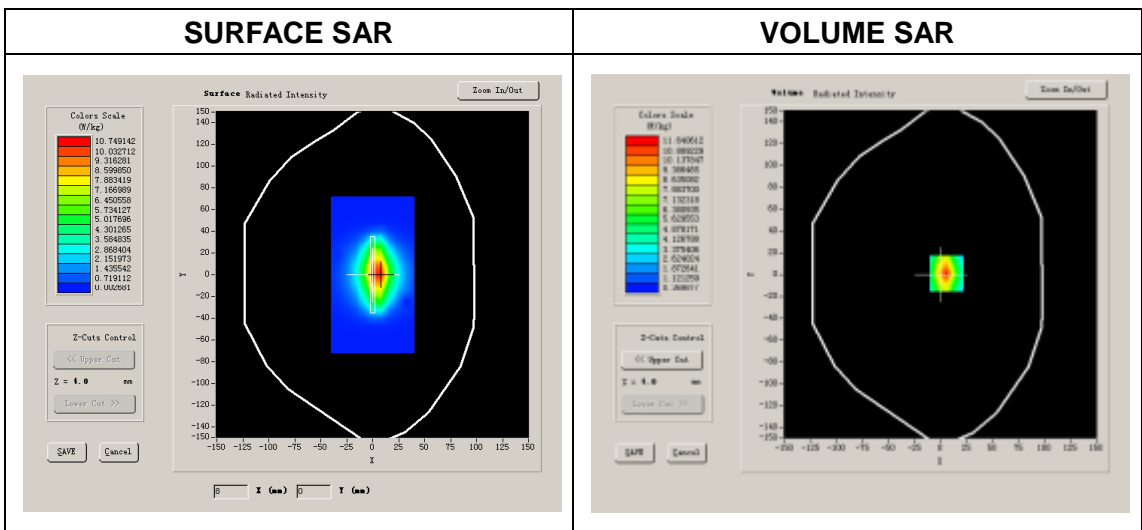
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | |
| Band | 5600MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

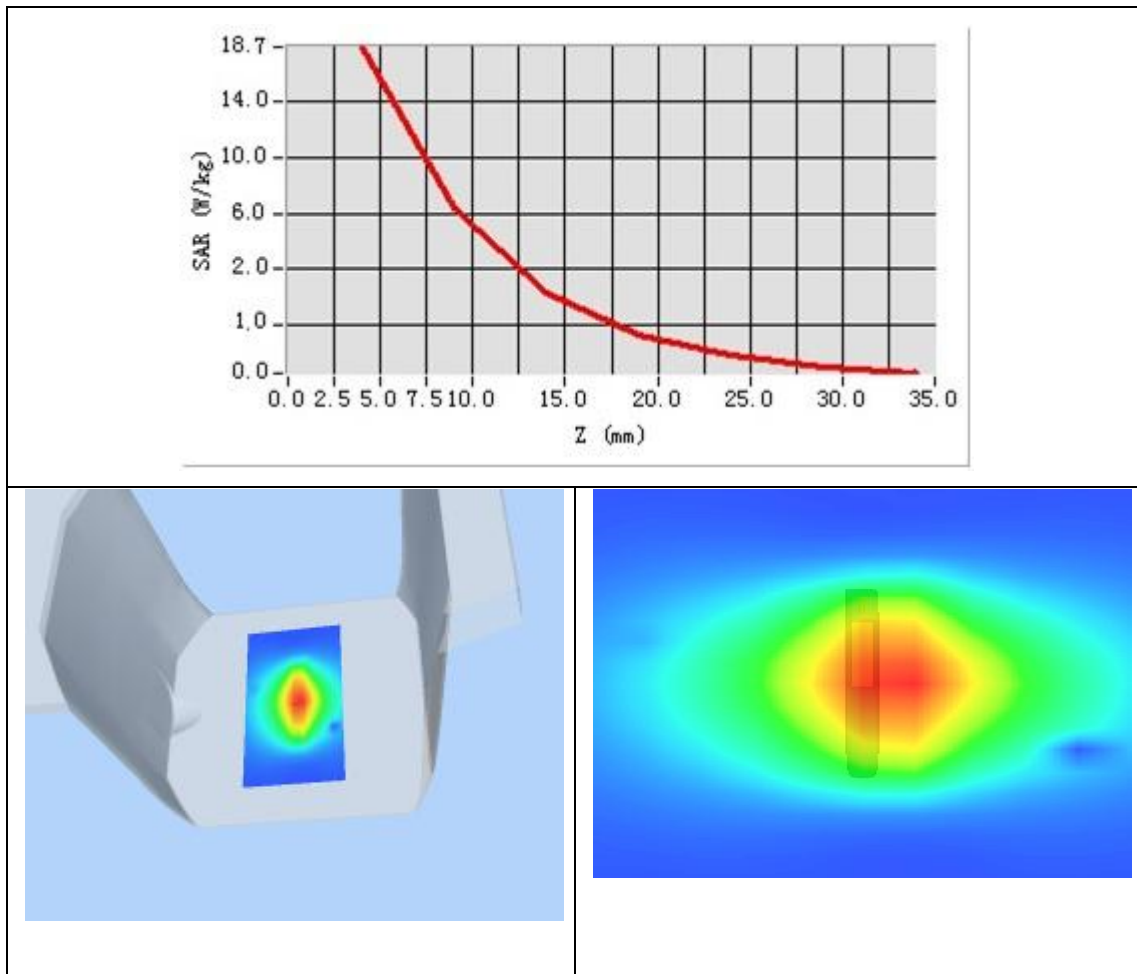
Band SAR

| | |
|--|-------------|
| Frequency (MHz) | 5600.000000 |
| Relative permittivity (real part) | 35.562139 |
| Conductivity (S/m) | 5.100255 |
| Power Drift (%) | 1.080000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 22.92 |
| Crest factor: | 1:1 |



Maximum location: X=-1.00, Y=-5.00

| | |
|----------------|-----------|
| SAR 10g (W/Kg) | 6.0553669 |
| SAR 1g (W/Kg) | 17.144263 |

Z Axis Scan



System Performance Check Data(5800MHz Head)

Type: Phone measurement (Complete)
 Area scan resolution: dx=10mm,dy=10mm
 Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm
 Date of measurement: 2018.06.22
 Measurement duration: 13 minutes 27 seconds

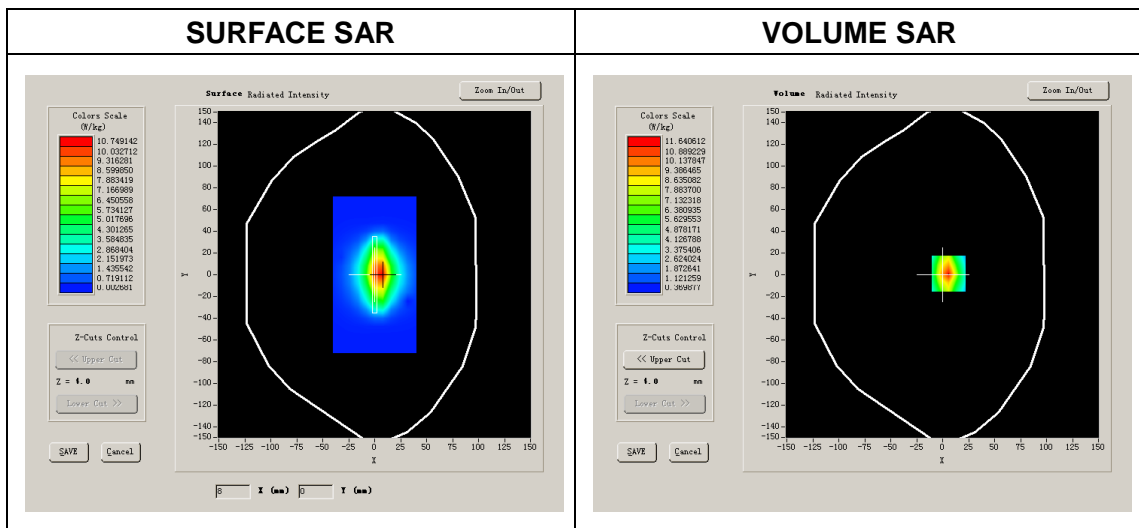
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | |
| Band | 5800MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

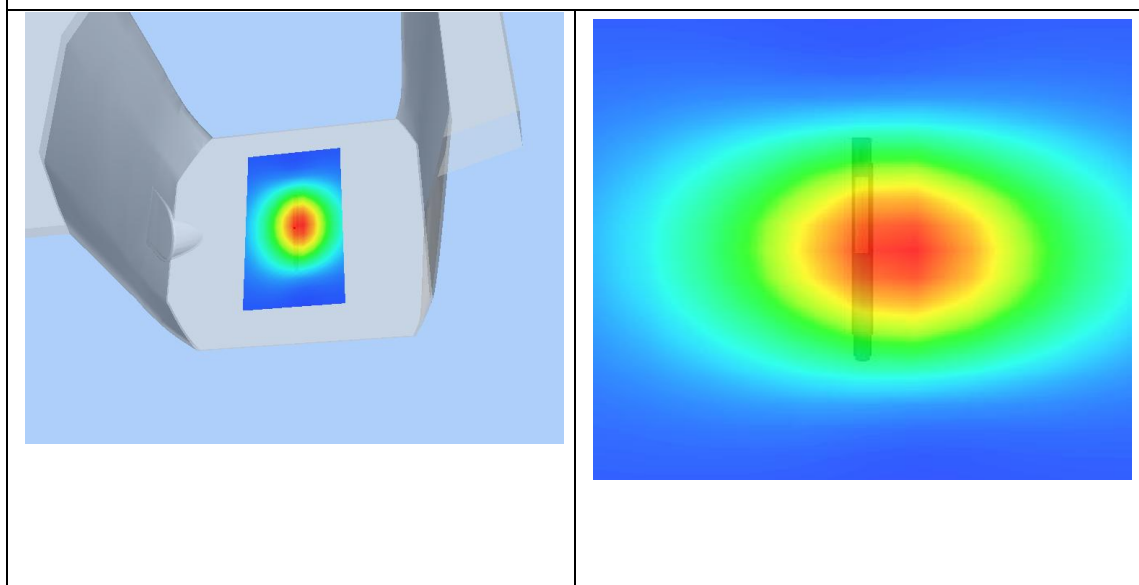
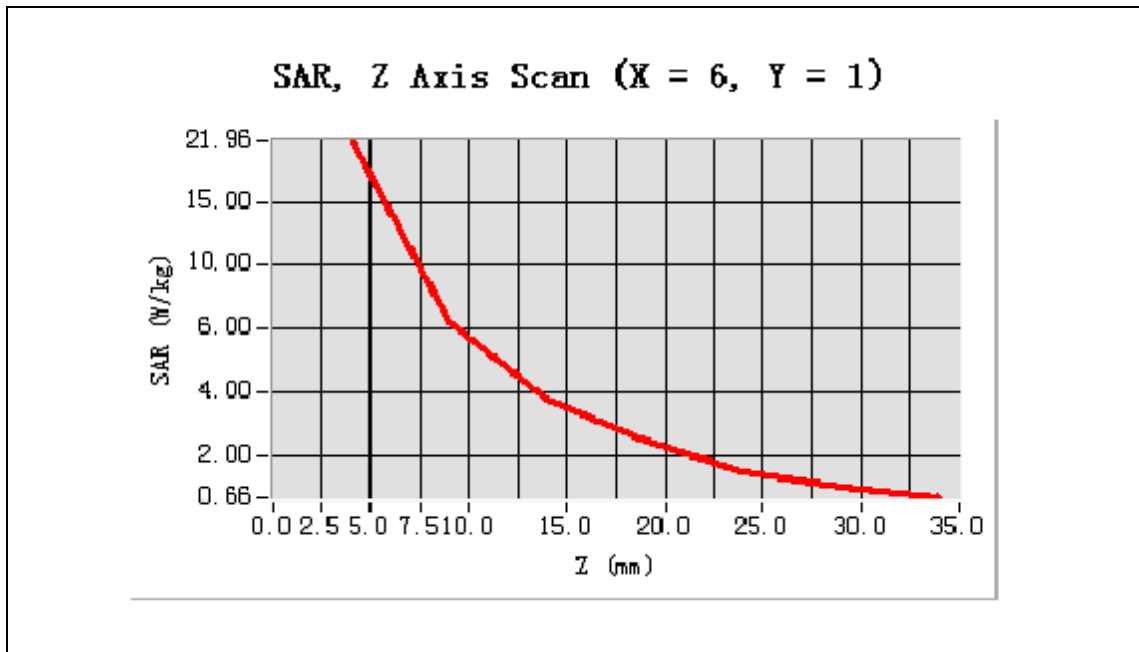
| | |
|--|-------------|
| Frequency (MHz) | 5800.000000 |
| Relative permittivity (real part) | 35.334675 |
| Conductivity (S/m) | 5.310226 |
| Power Drift (%) | 1.260000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 22.42 |
| Crest factor: | 1:1 |



Maximum location: X=-6.00, Y=-1.00

| | |
|----------------|-----------|
| SAR 10g (W/Kg) | 5.994412 |
| SAR 1g (W/Kg) | 17.711256 |

Z Axis Scan





System Performance Check Data(5200MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=10mm,dy=10mm
 Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm
 Date of measurement: 2018.06.20
 Measurement duration: 23 minutes 27 seconds

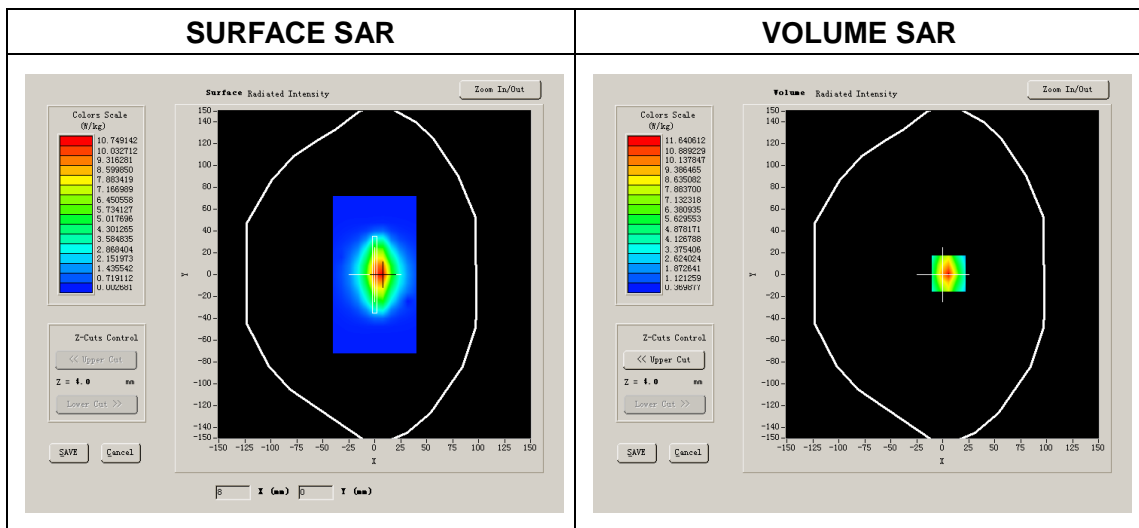
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | |
| Band | 5200MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

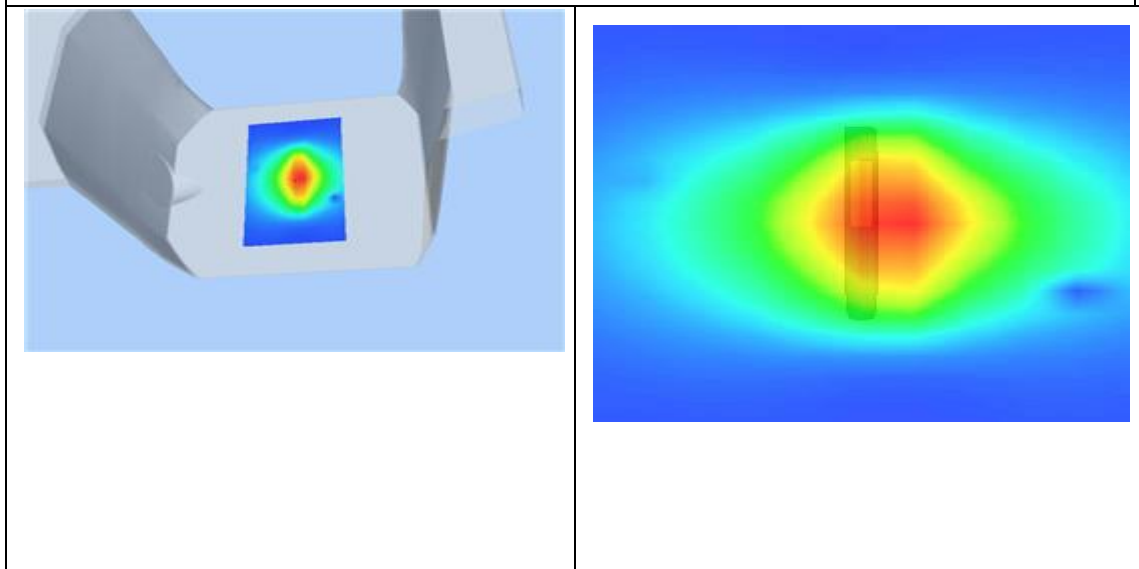
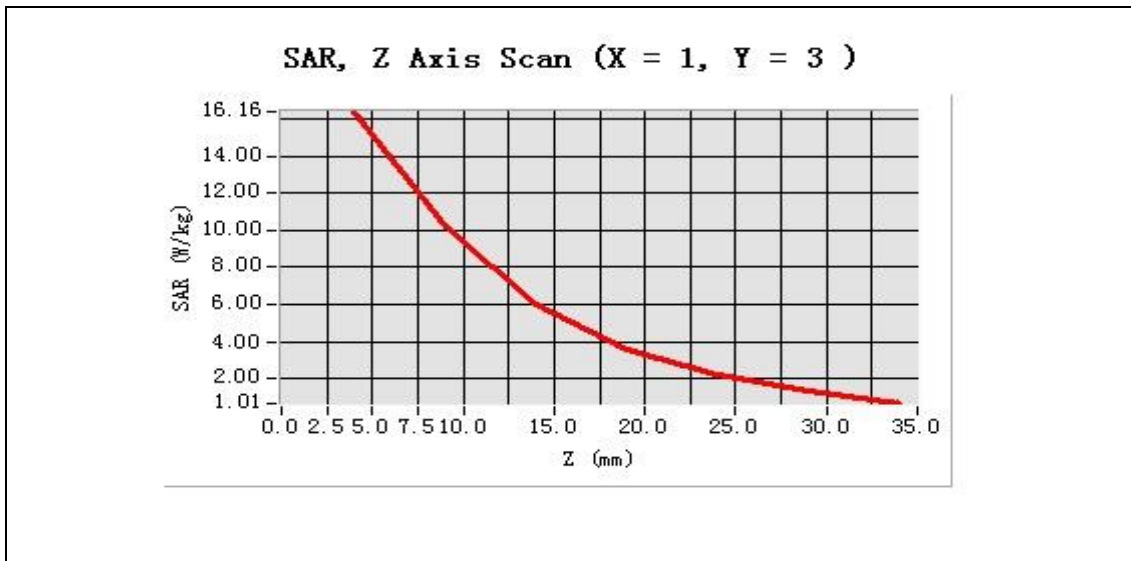
| | |
|--|-------------|
| Frequency (MHz) | 5200.000000 |
| Relative permittivity (real part) | 48.273014 |
| Conductivity (S/m) | 5.543260 |
| Power Drift (%) | 2.310000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 22.11 |
| Crest factor: | 1:1 |



Maximum location: X=1.00, Y=3.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 5.624355 |
| SAR 1g (W/Kg) | 16.28442 |

Z Axis Scan





System Performance Check Data(5600MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=10mm,dy=10mm
 Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm
 Date of measurement: 2018.06.20
 Measurement duration: 13 minutes 27 seconds

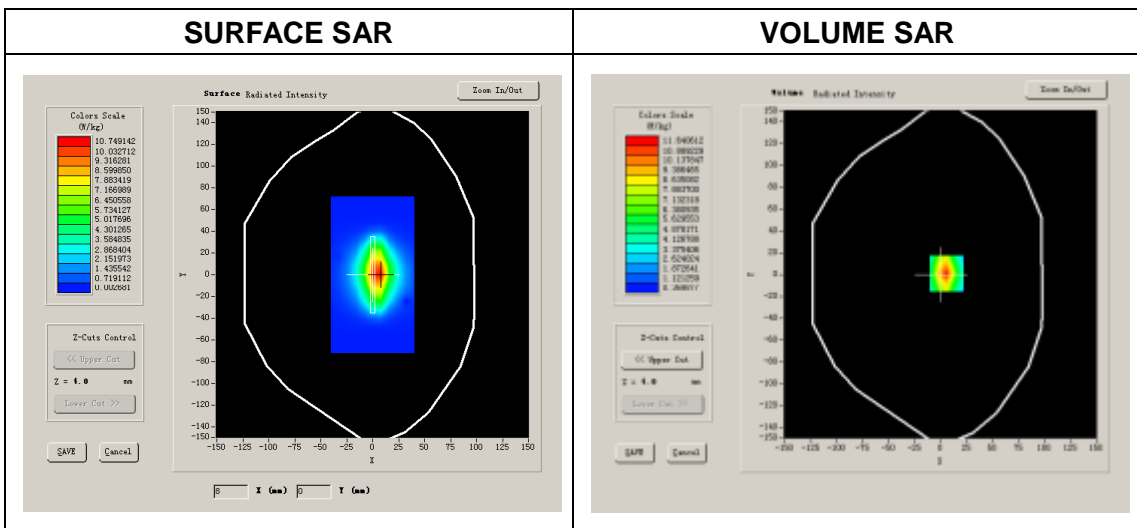
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | |
| Band | 5600MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

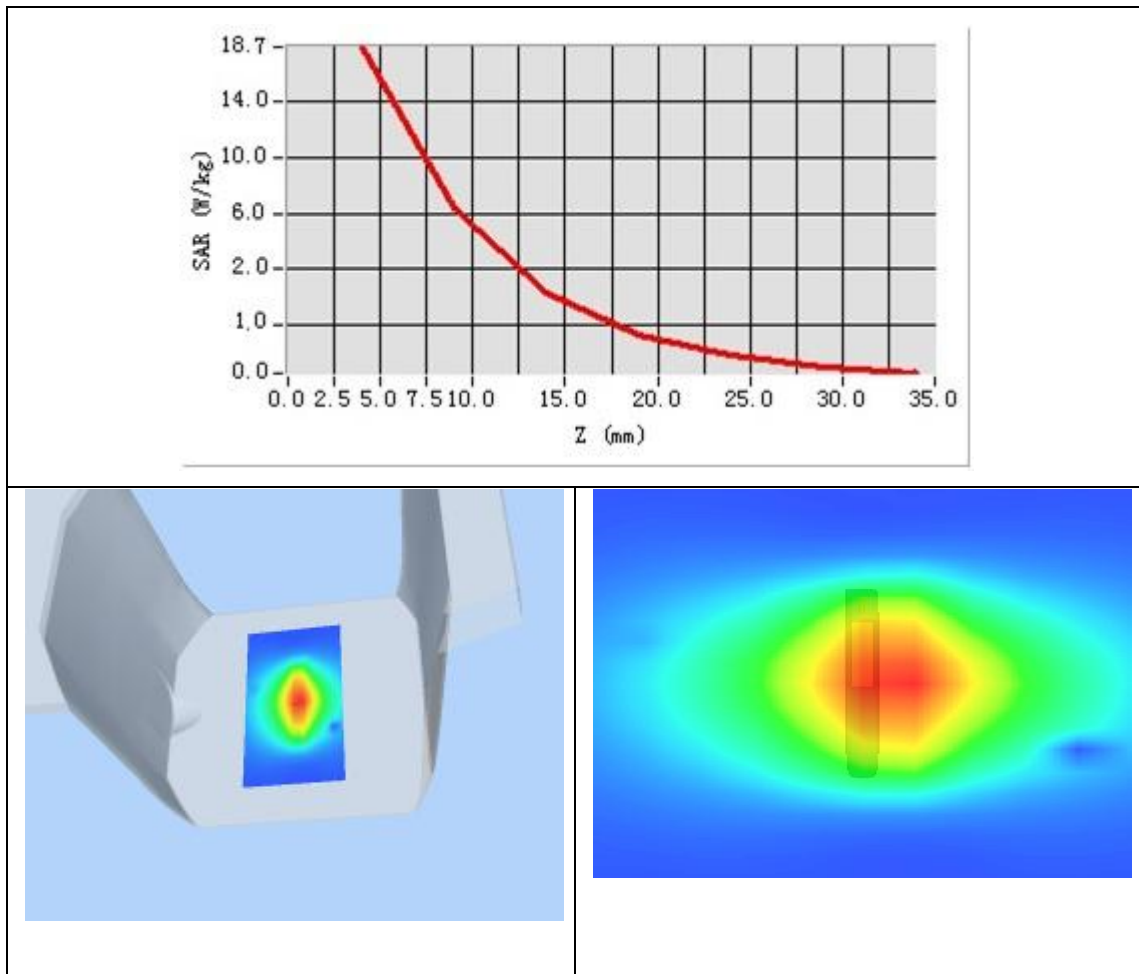
| | |
|--|-------------|
| Frequency (MHz) | 5600.000000 |
| Relative permittivity (real part) | 48.394381 |
| Conductivity (S/m) | 5.7432600 |
| Power Drift (%) | 1.080000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 23.69 |
| Crest factor: | 1:1 |



Maximum location: X=-1.00, Y=-5.00

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 5.906961 |
| SAR 1g (W/Kg) | 17.19624 |

Z Axis Scan





System Performance Check Data(5800MHz Body)

Type: Phone measurement (Complete)
 Area scan resolution: dx=10mm,dy=10mm
 Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm
 Date of measurement: 2018.06.20
 Measurement duration: 23 minutes 27 seconds

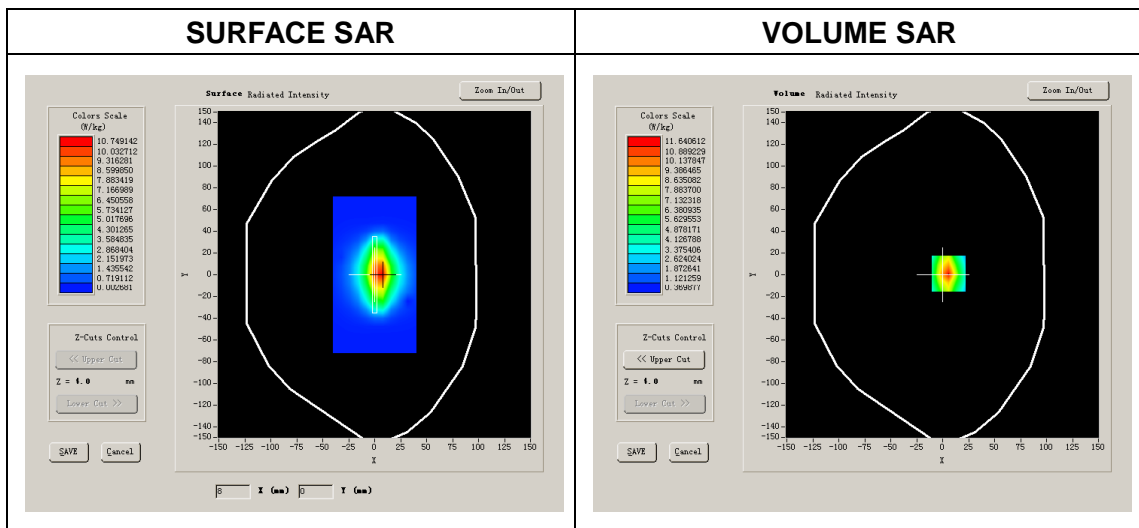
A. Experimental conditions.

| | |
|------------------------|-------------------|
| Phantom File | surf_sam_plan.txt |
| Phantom | Validation plane |
| Device Position | |
| Band | 5800MHz |
| Channels | |
| Signal | CW |

B. SAR Measurement Results

Band SAR

| | |
|--|-------------|
| Frequency (MHz) | 5800.000000 |
| Relative permittivity (real part) | 48.093428 |
| Conductivity (S/m) | 5.930716 |
| Power Drift (%) | 1.260000 |
| Ambient Temperature: | 22.9°C |
| Liquid Temperature: | 22.1°C |
| ConvF: | 23.02 |
| Crest factor: | 1:1 |



Maximum location: X=-6.00, Y=-1.00

| | |
|----------------|-----------|
| SAR 10g (W/Kg) | 5.982634 |
| SAR 1g (W/Kg) | 17.695290 |

Z Axis Scan