

**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: 2015.09.02

Measurement duration: 9 minutes 13 second

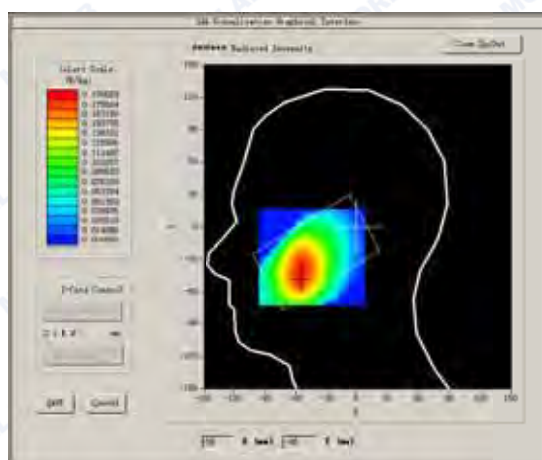
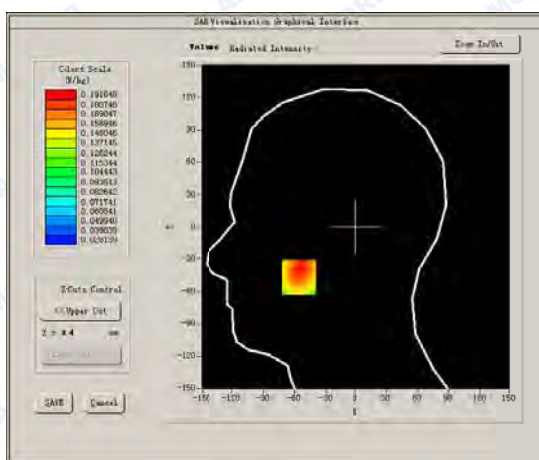
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift (%)                   | 1.270000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:8        |

**SURFACE SAR****VOLUME SAR**



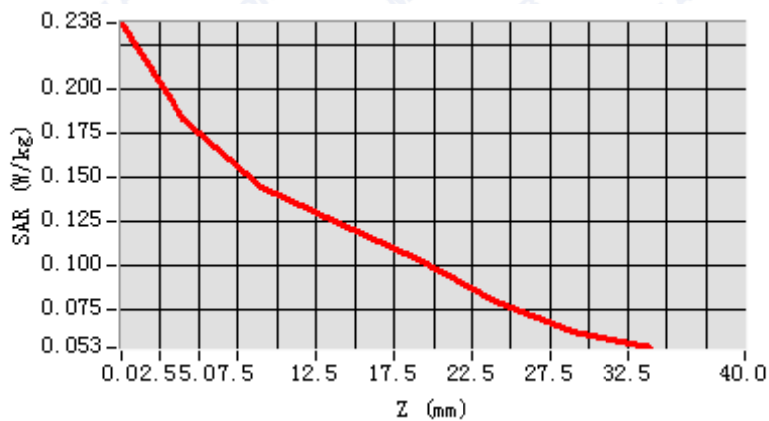
REPORT No. : SZ15080165S01

Maximum location: X=-56.00, Y=-47.00

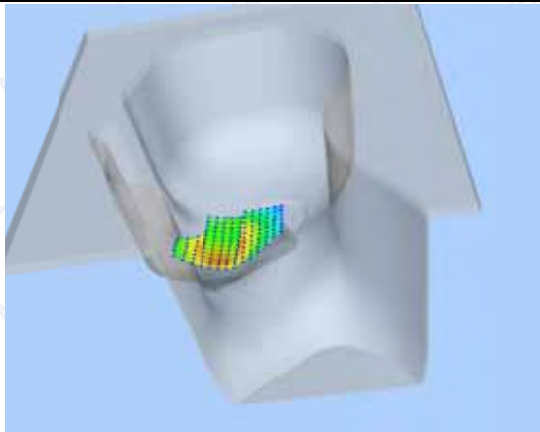
SAR Peak: 0.24 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.140697 |
| SAR 1g (W/Kg)  | 0.186069 |

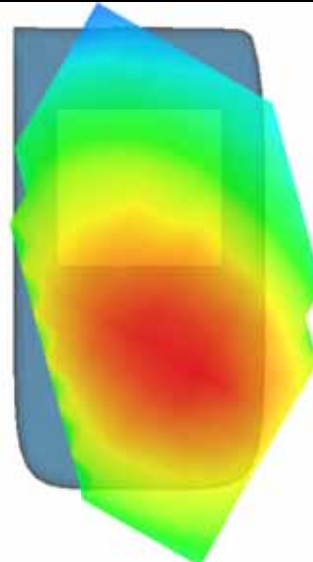
Z axis scan



**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: 2015.09.02

Measurement duration: 8 minutes 28 seconds

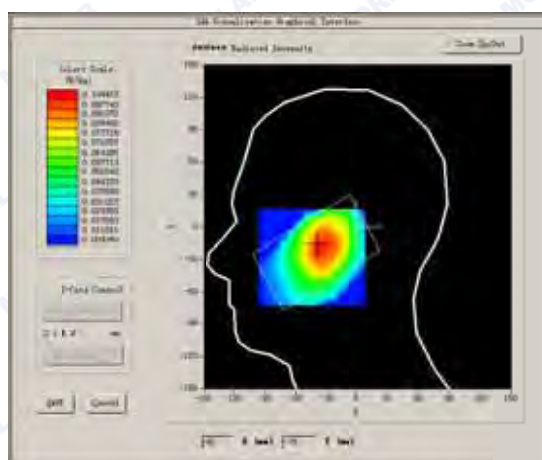
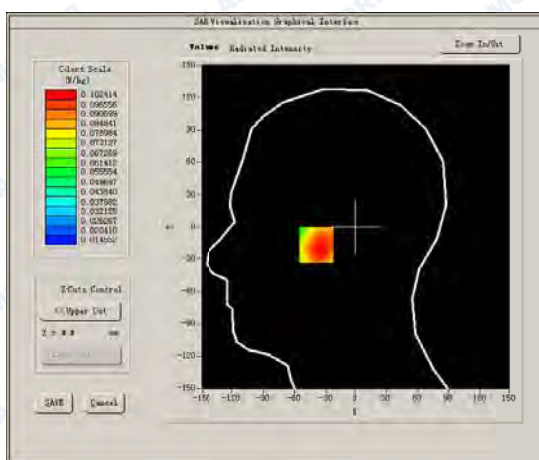
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift(%)                    | 3.100000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:8        |

**SURFACE SAR****VOLUME SAR**



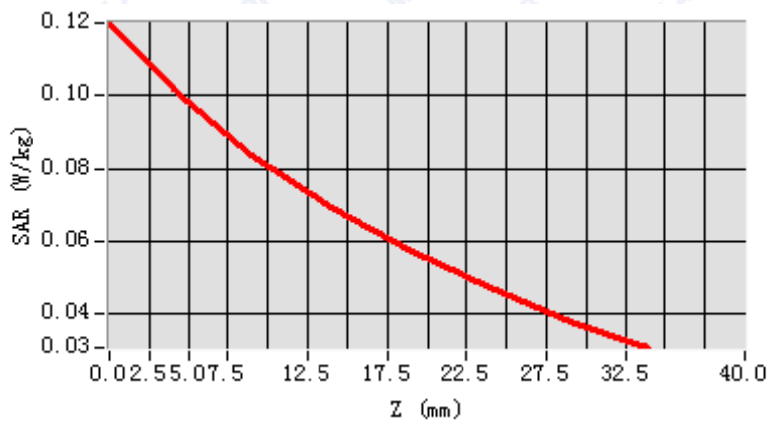
REPORT No. : SZ15080165S01

Maximum location: X=-39.00, Y=-17.00

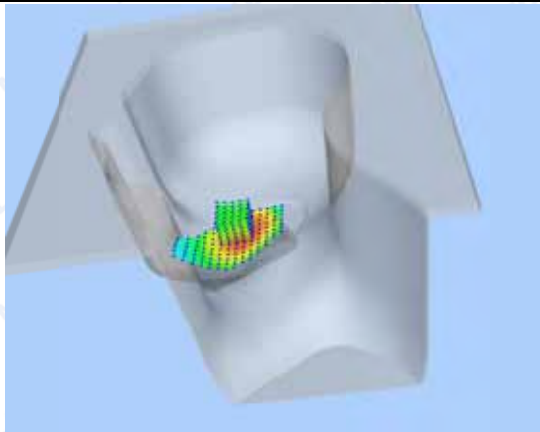
SAR Peak: 0.14 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.077378 |
| SAR 1g (W/Kg)  | 0.101264 |

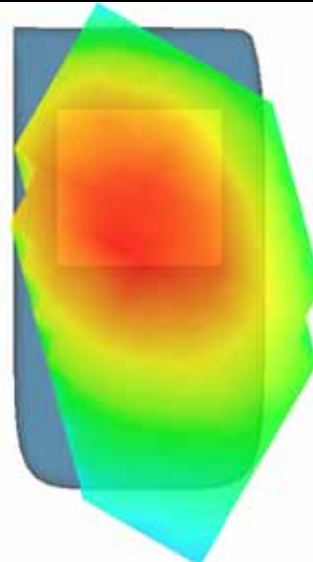
**Z axis scan**



**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: 2015.09.02

Measurement duration: 8 minutes 39 seconds

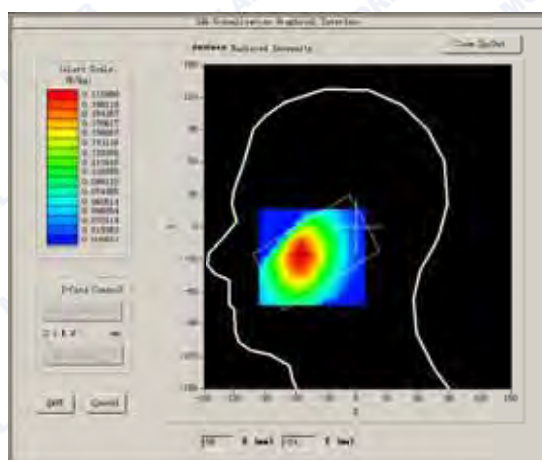
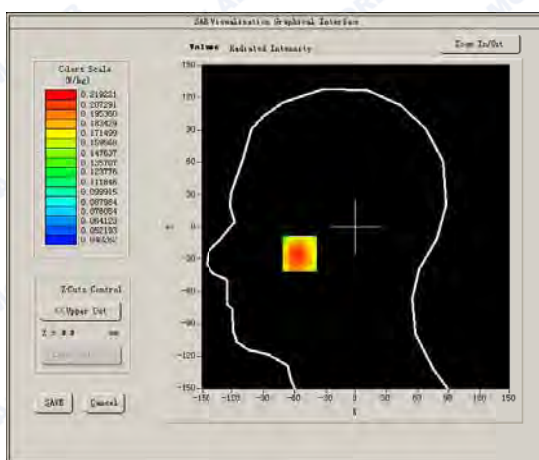
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift (%)                   | 2.550000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:8        |

**SURFACE SAR****VOLUME SAR**



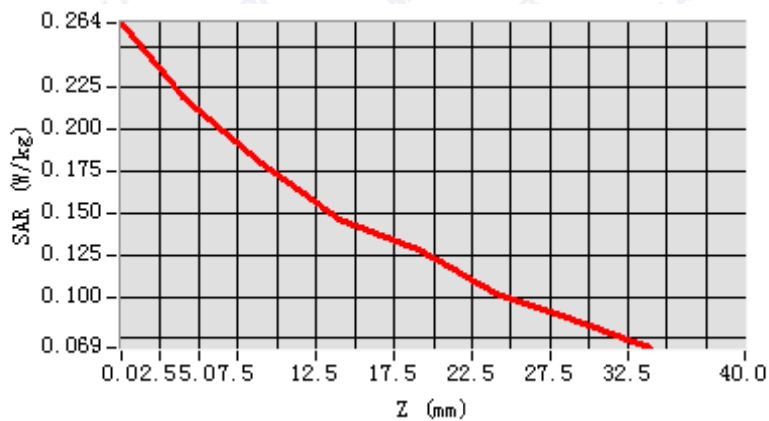
REPORT No. : SZ15080165S01

Maximum location: X=-55.00, Y=-25.00

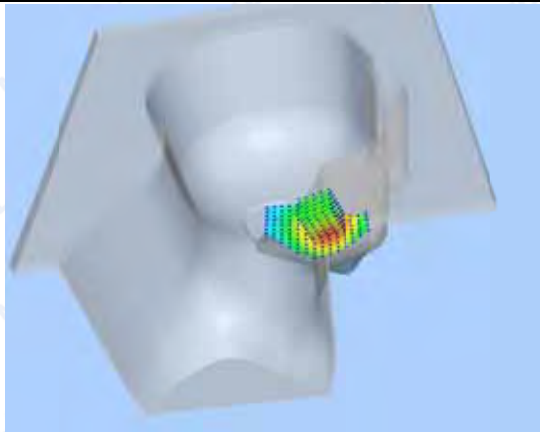
SAR Peak: 0.27 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.160792 |
| SAR 1g (W/Kg)  | 0.210765 |

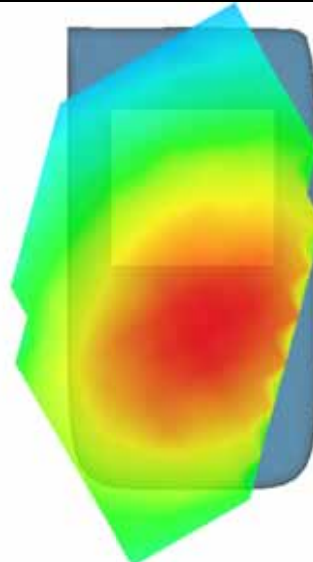
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 4**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.02

Measurement duration: 8 minutes 23 seconds

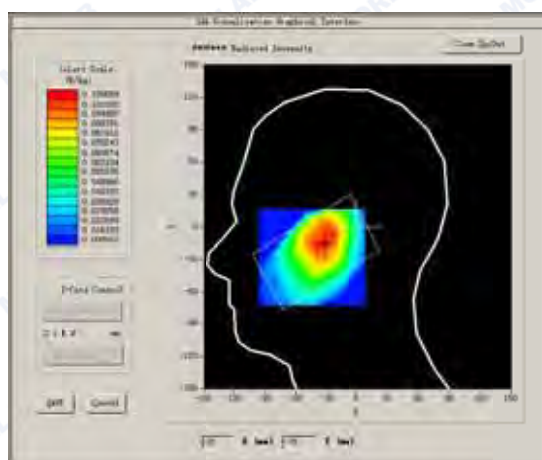
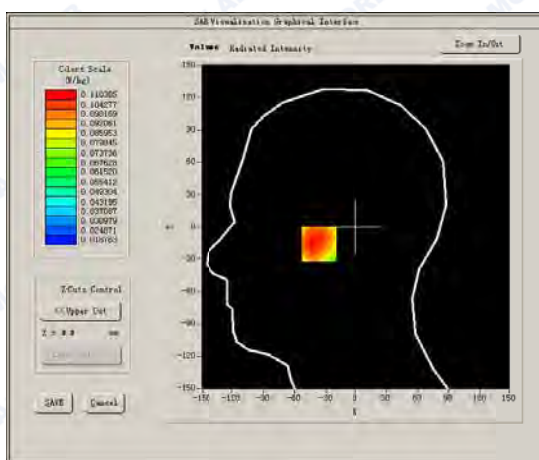
**A. Experimental conditions.**

|                 |                               |
|-----------------|-------------------------------|
| Phantom File    | sam_direct_droit2_surf8mm.txt |
| Phantom         | Left head                     |
| Device Position | Tilt                          |
| Band            | GSM850                        |
| Channels        | Low                           |
| Signal          | GSM                           |

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift(%)                    | -2.170000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:8        |

**SURFACE SAR****VOLUME SAR**



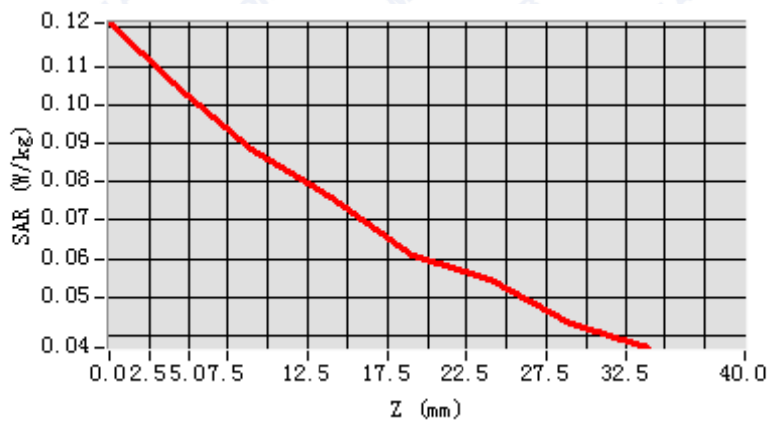
REPORT No. : SZ15080165S01

Maximum location: X=-33.00, Y=-16.00

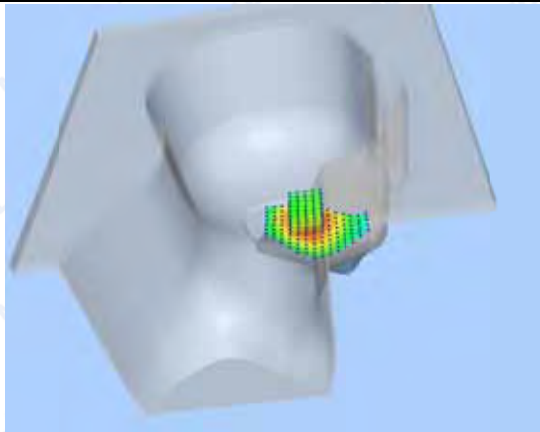
SAR Peak: 0.15 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.083366 |
| SAR 1g (W/Kg)  | 0.109293 |

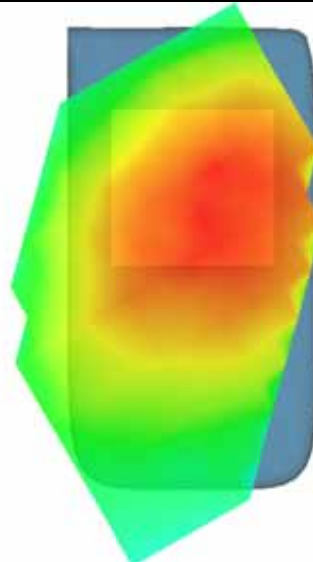
**Z axis scan**



**3D screen shot**



**Hot spot position**



**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: 2015.09.02

Measurement duration: 9 minutes 37 seconds

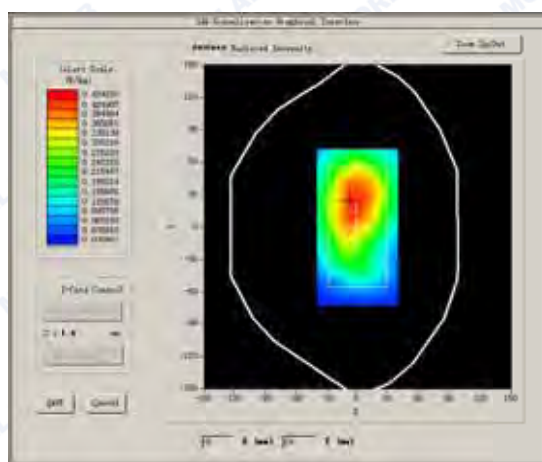
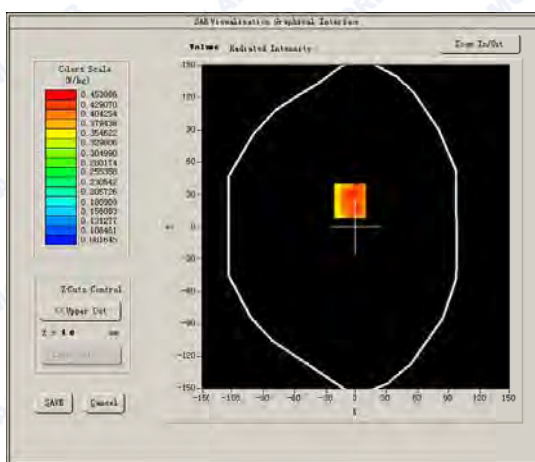
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift (%)                   | 1.340000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:8        |

**SURFACE SAR****VOLUME SAR**



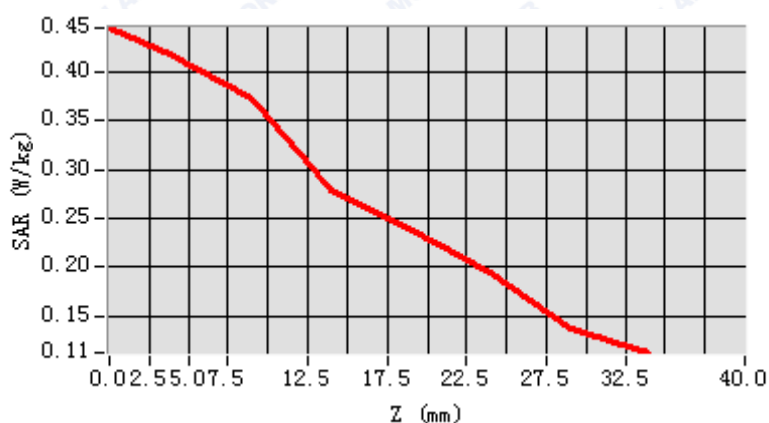
REPORT No. : SZ15080165S01

Maximum location: X=-6.00, Y=24.00

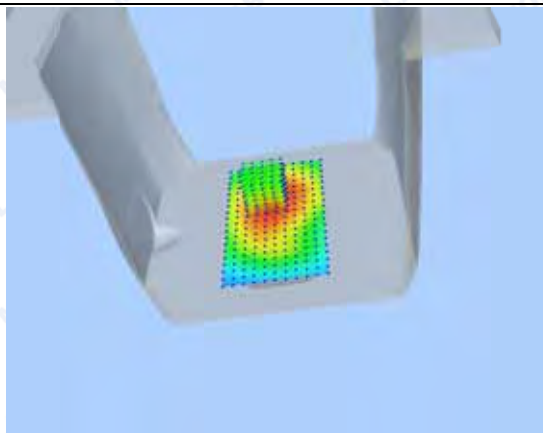
SAR Peak: 0.65 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.352433 |
| SAR 1g (W/Kg)  | 0.467515 |

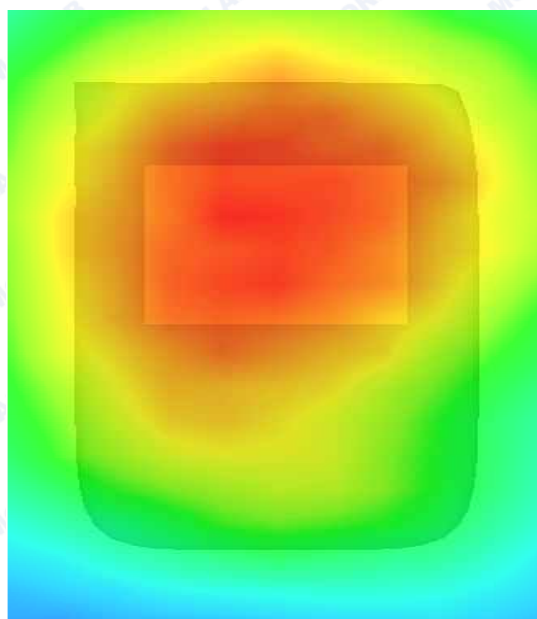
Z axis scan



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: 2015.09.02

Measurement duration: 9 minutes 33 seconds

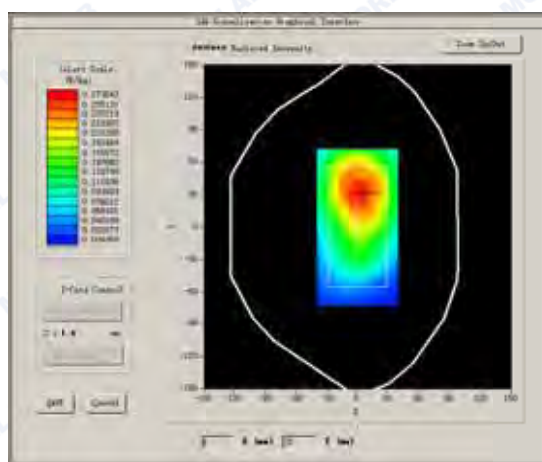
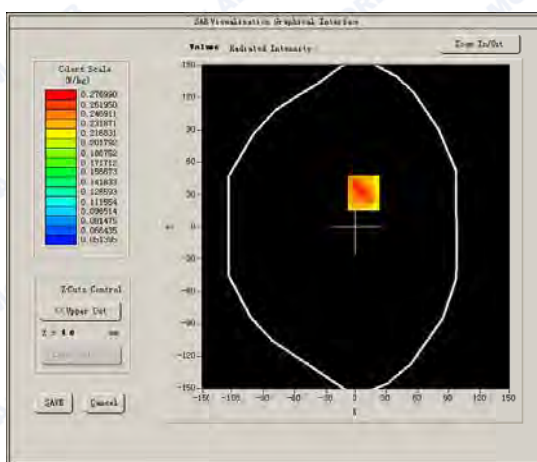
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift(%)                    | -3.790000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:8        |

**SURFACE SAR****VOLUME SAR**



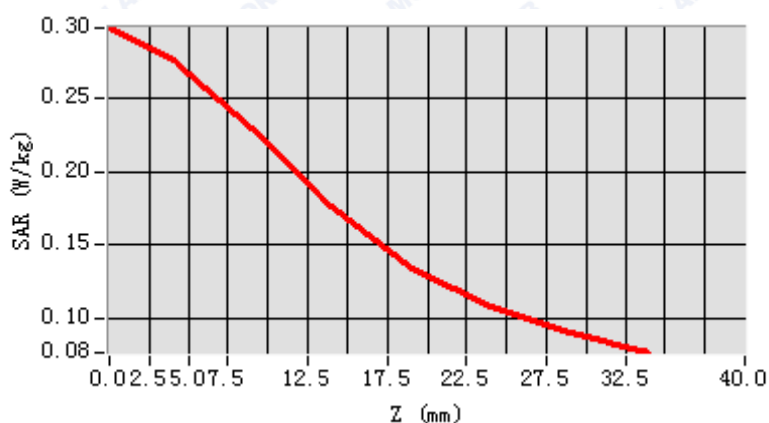
REPORT No. : SZ15080165S01

Maximum location: X=7.00, Y=32.00

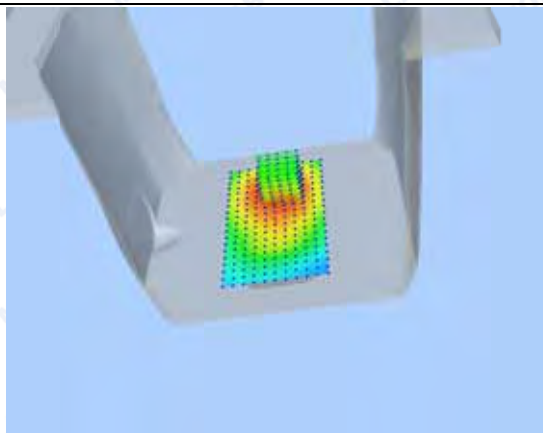
SAR Peak: 0.39 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.209747 |
| SAR 1g (W/Kg)  | 0.281373 |

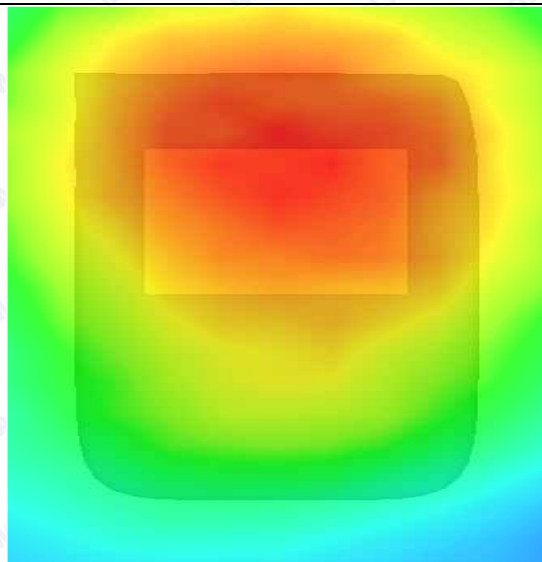
**Z axis scan**



**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: 2015.09.02

Measurement duration: 9 minutes 36 seconds

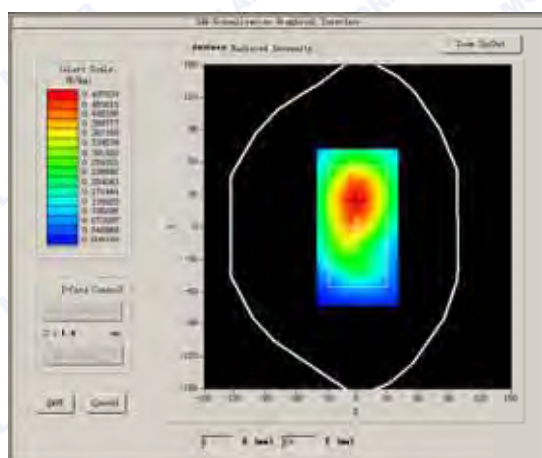
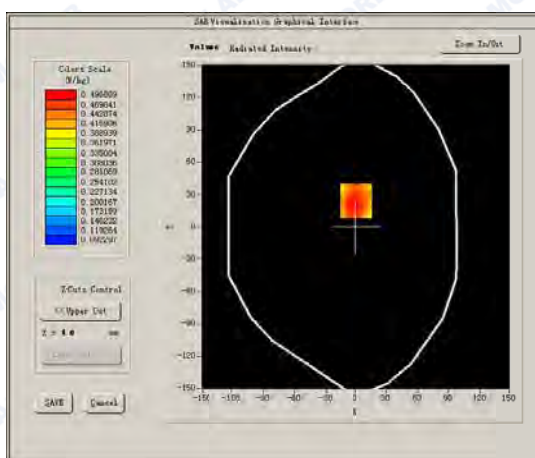
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift(%)                    | 0.250000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:2        |

**SURFACE SAR****VOLUME SAR**



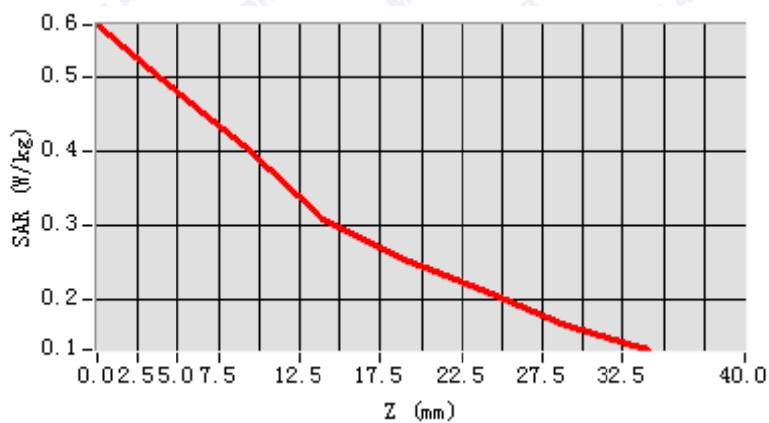
REPORT No. : SZ15080165S01

Maximum location: X=0.00, Y=24.00

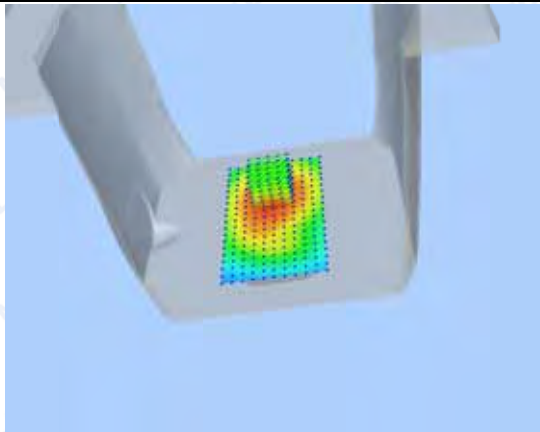
SAR Peak: 0.65 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.365250 |
| SAR 1g (W/Kg)  | 0.495580 |

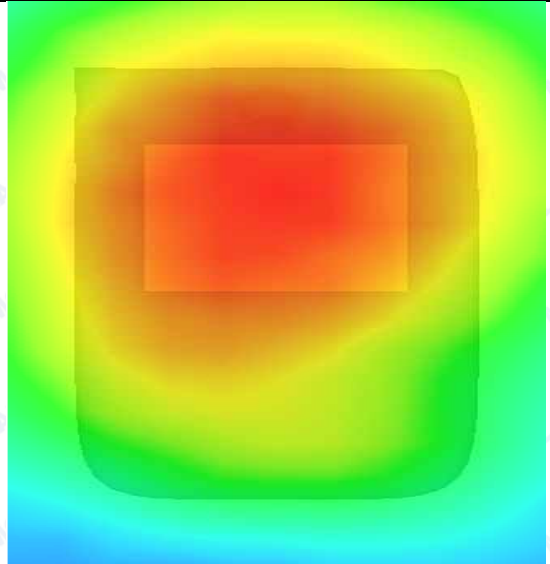
Z axis scan



3D screen shot



Hot spot position





REPORT No. : SZ15080165S01

**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: 2015.09.02

Measurement duration: 9 minutes 36 seconds

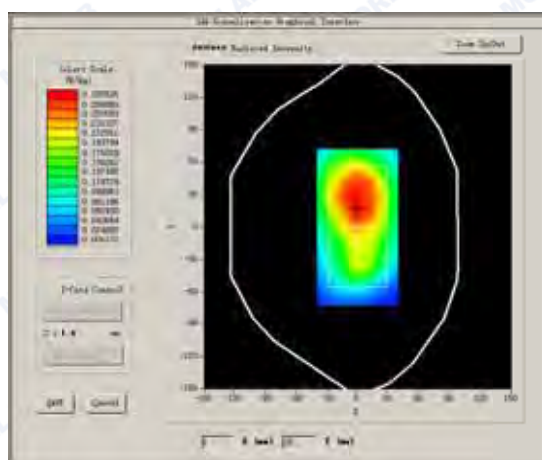
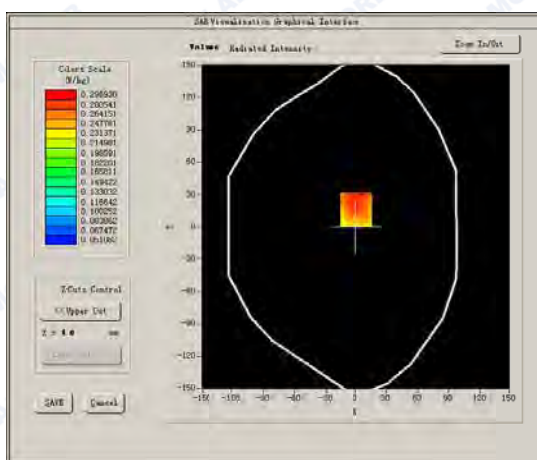
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift(%)                    | 0.250000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:2        |

**SURFACE SAR****VOLUME SAR**



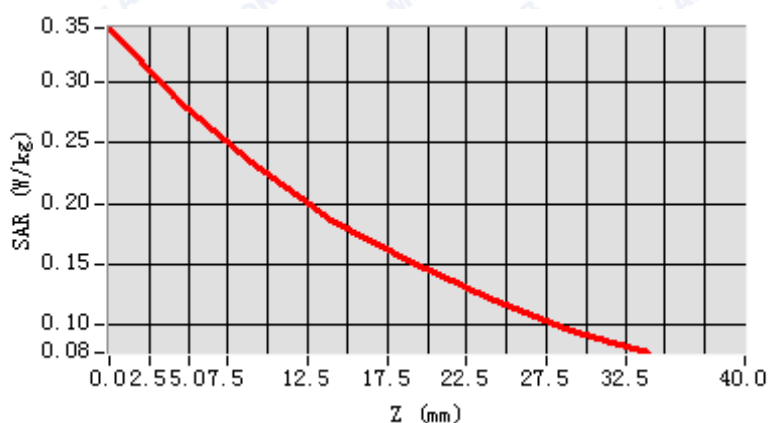
REPORT No. : SZ15080165S01

Maximum location: X=0.00, Y=16.00

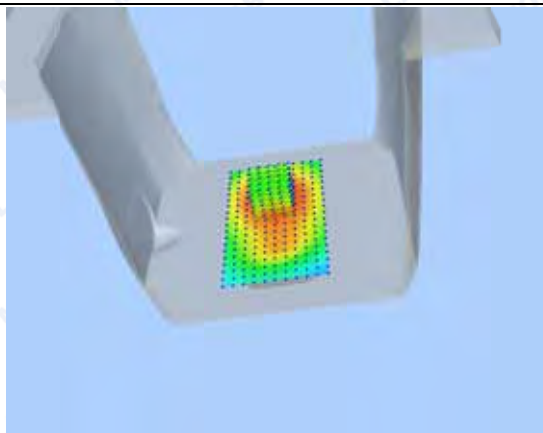
SAR Peak: 0.36 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.220011 |
| SAR 1g (W/Kg)  | 0.282994 |

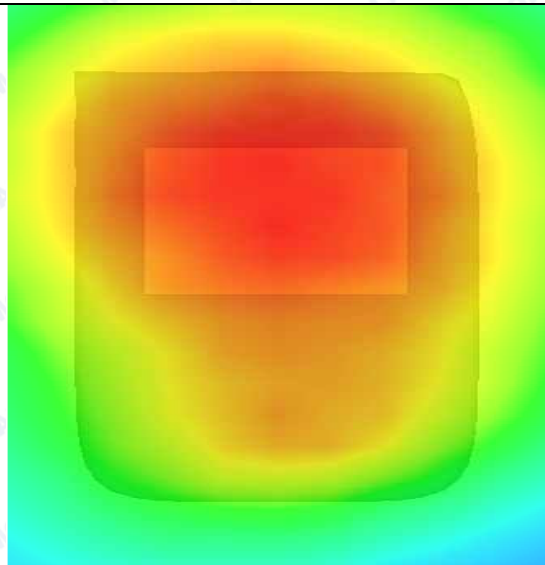
Z axis scan



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: 2015.09.02

Measurement duration: 9 minutes 36 seconds

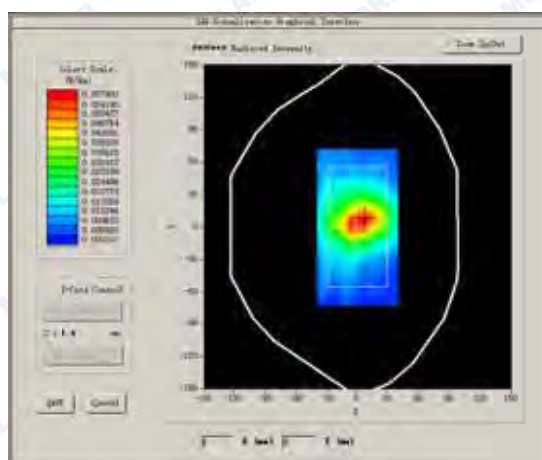
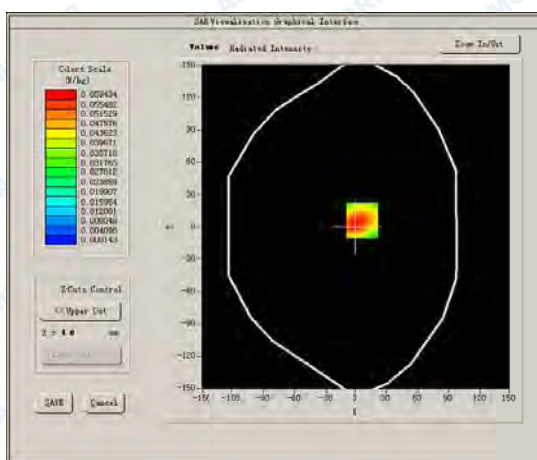
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift(%)                    | 0.250000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:2        |

**SURFACE SAR****VOLUME SAR**



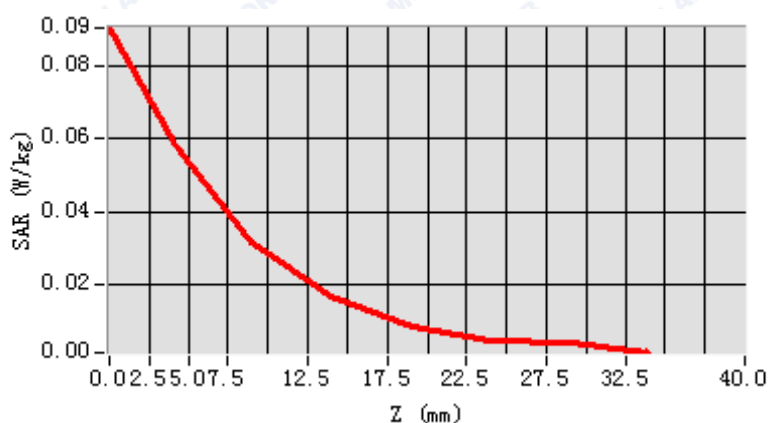
REPORT No. : SZ15080165S01

Maximum location: X=6.00, Y=6.00

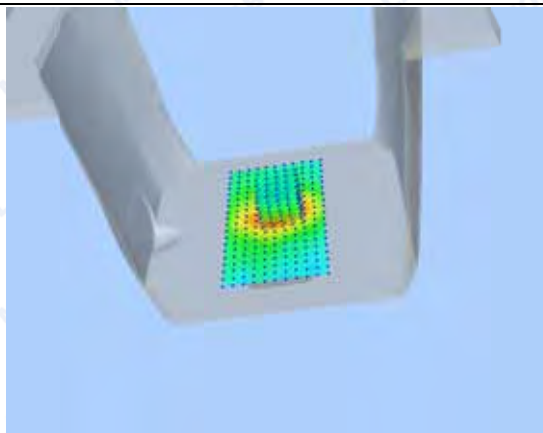
SAR Peak: 0.11 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.031913 |
| SAR 1g (W/Kg)  | 0.059938 |

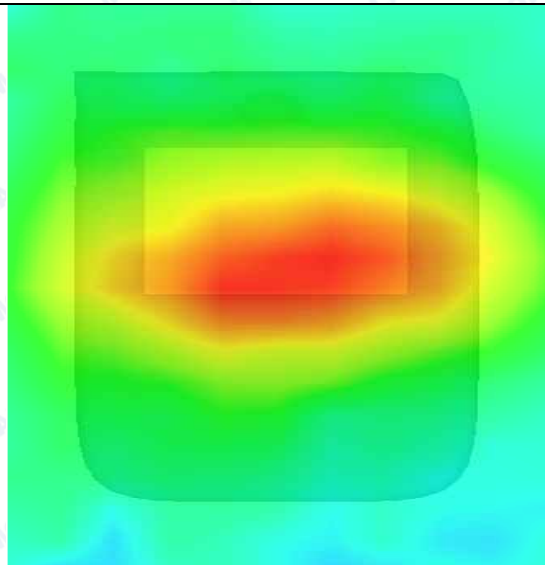
Z axis scan



3D screen shot



Hot spot position





REPORT No. : SZ15080165S01

**MEASUREMENT 10**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.02

Measurement duration: 9 minutes 36 seconds

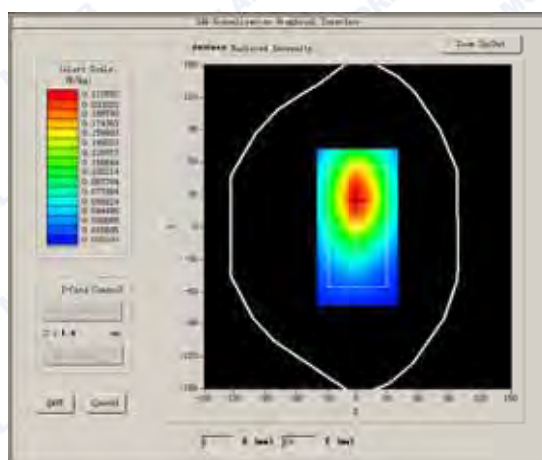
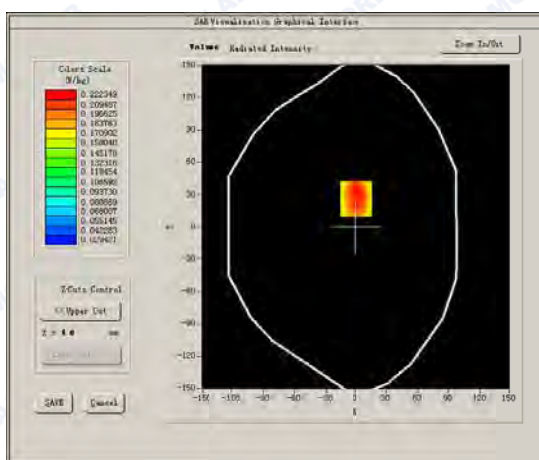
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift(%)                    | 0.250000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:2        |

**SURFACE SAR****VOLUME SAR**



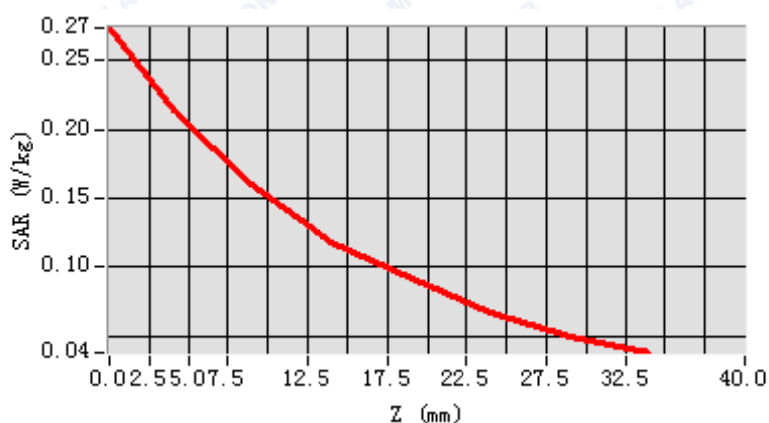
REPORT No. : SZ15080165S01

Maximum location: X=0.00, Y=26.00

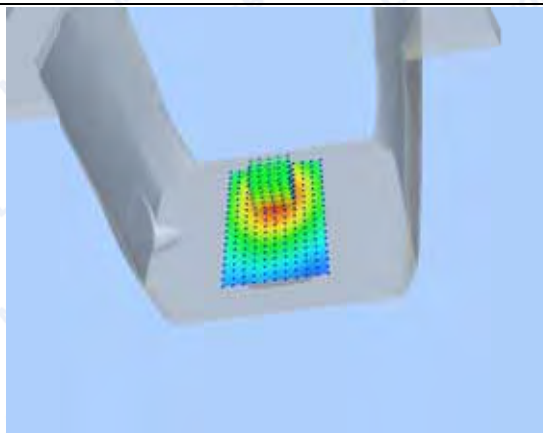
SAR Peak: 0.31 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.149481 |
| SAR 1g (W/Kg)  | 0.218324 |

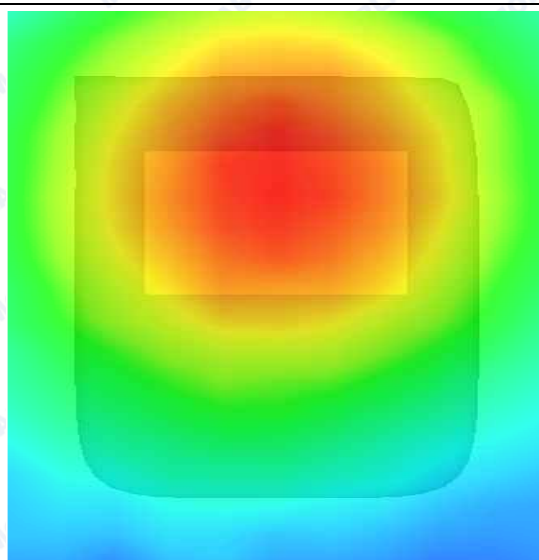
**Z axis scan**



**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: 2015.09.02

Measurement duration: 9 minutes 36 seconds

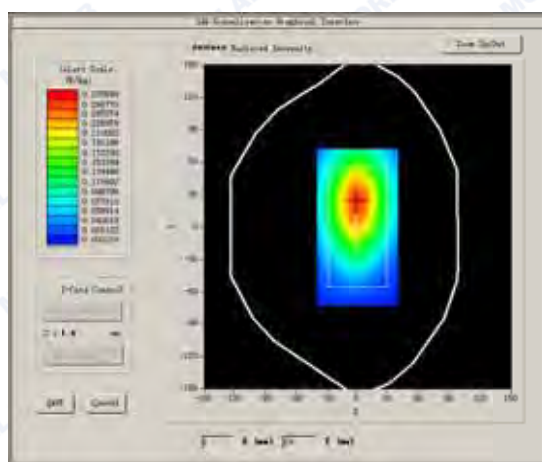
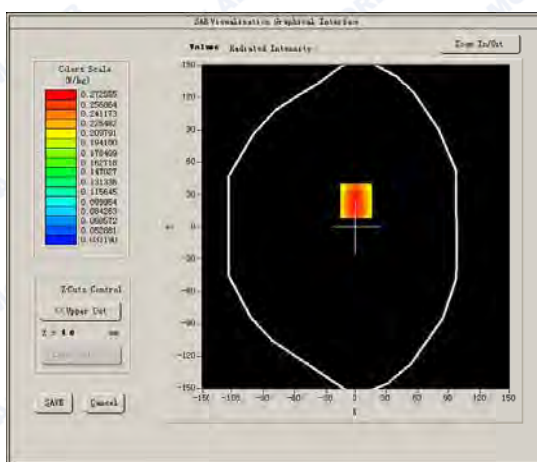
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 824.200000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift(%)                    | 0.250000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:2        |

**SURFACE SAR****VOLUME SAR**



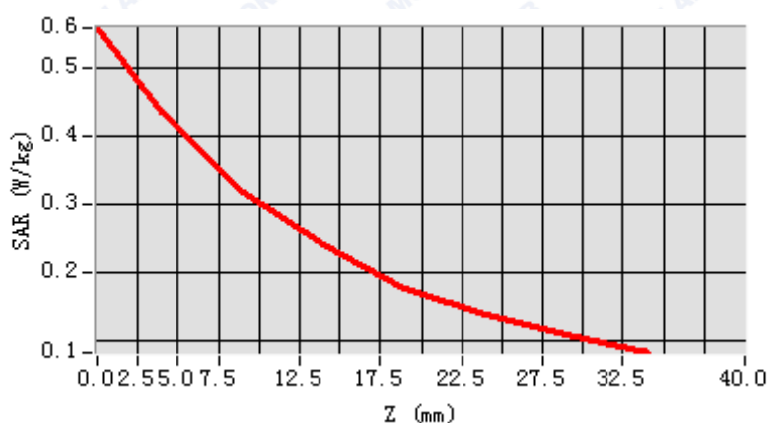
REPORT No. : SZ15080165S01

Maximum location: X=0.00, Y=24.00

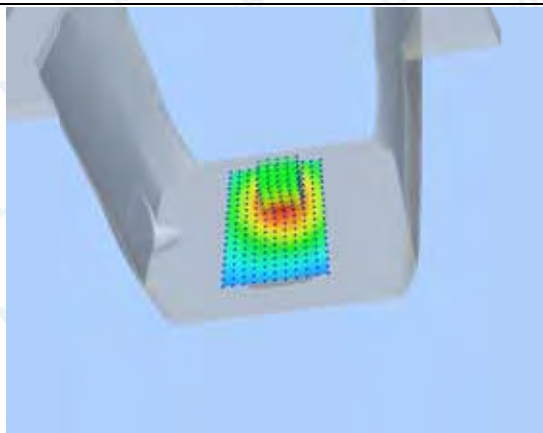
SAR Peak: 0.36 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.186141 |
| SAR 1g (W/Kg)  | 0.267040 |

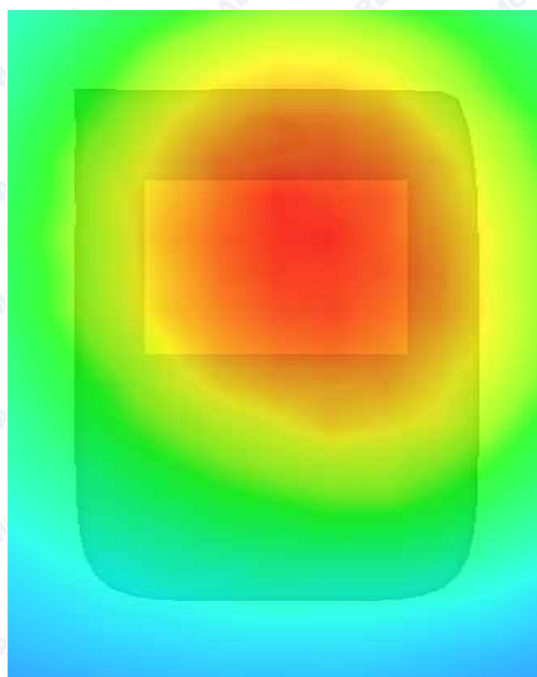
Z axis scan



3D screen shot



Hot spot position



**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: 2015.09.03

Measurement duration: 9 minutes 38 seconds

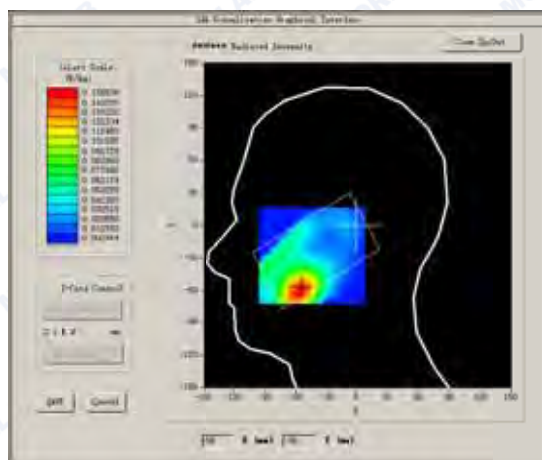
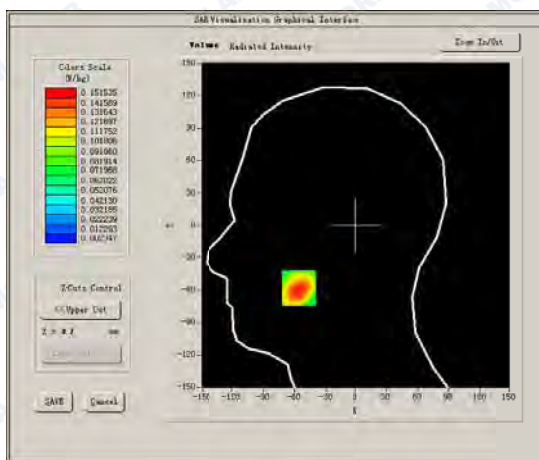
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift(%)                    | 2.230000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:8         |

**SURFACE SAR****VOLUME SAR**



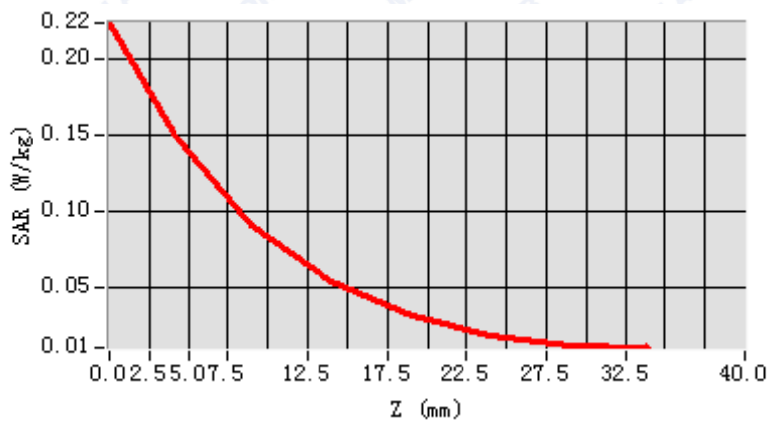
REPORT No. : SZ15080165S01

Maximum location: X=-56.00, Y=-58.00

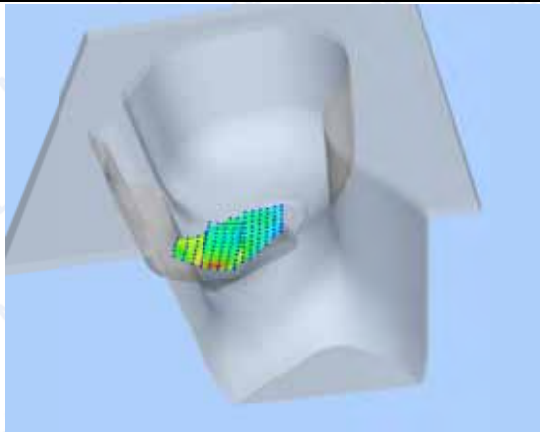
SAR Peak: 0.24 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.080867 |
| SAR 1g (W/Kg)  | 0.148135 |

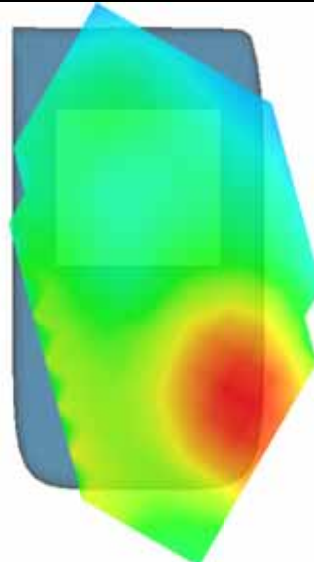
**Z axis scan**



**3D screen shot**



**Hot spot position**



**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: 2015.09.03

Measurement duration: 9 minutes 32 seconds

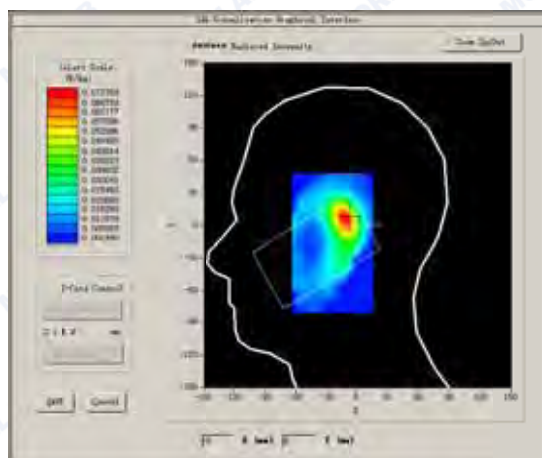
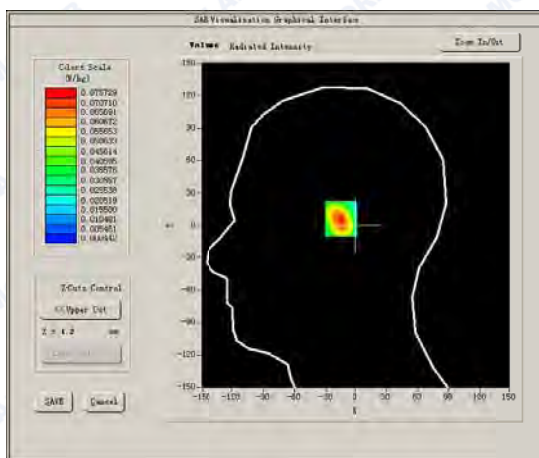
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift(%)                    | -3.540000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:8         |

**SURFACE SAR****VOLUME SAR**



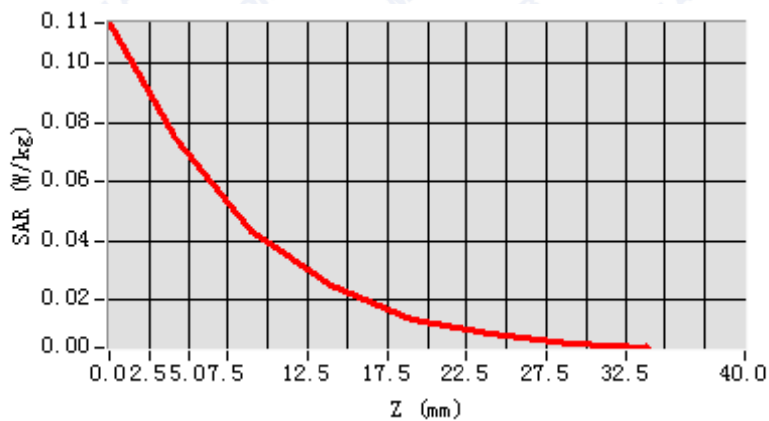
REPORT No. : SZ15080165S01

Maximum location: X=-10.00, Y=6.00

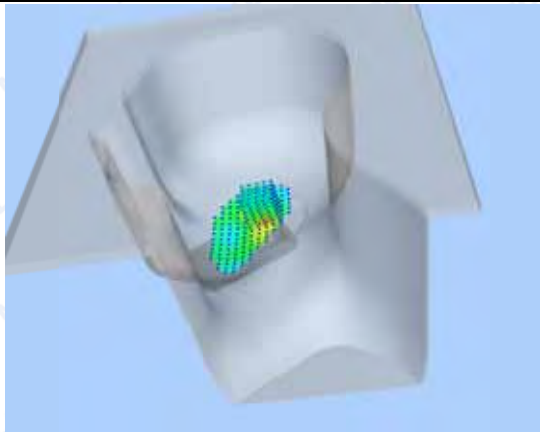
SAR Peak: 0.12 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.037552 |
| SAR 1g (W/Kg)  | 0.070776 |

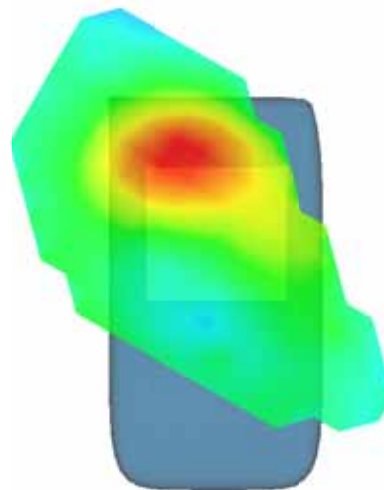
Z axis scan



3D screen shot



Hot spot position



**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: 2015.09.03

Measurement duration: 9 minutes 32 seconds

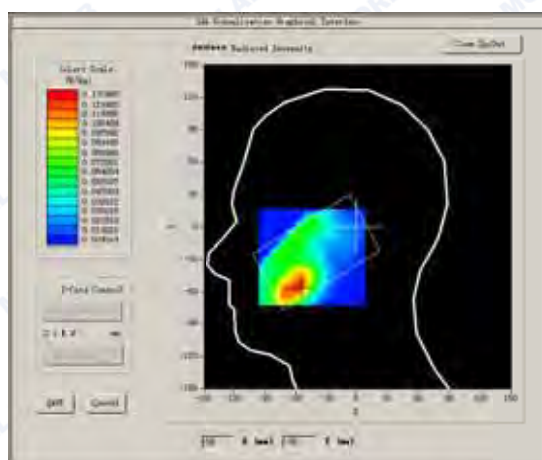
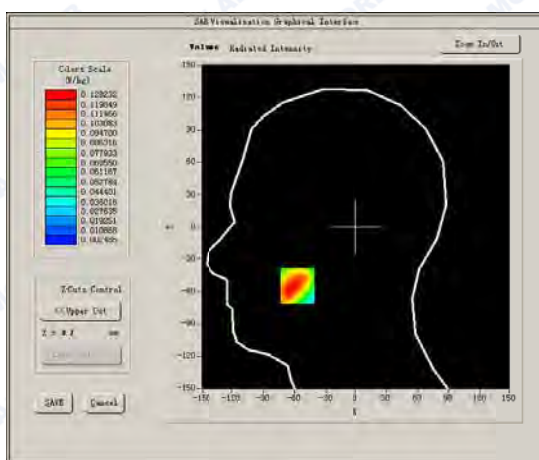
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift(%)                    | -1.240000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:8         |

**SURFACE SAR****VOLUME SAR**



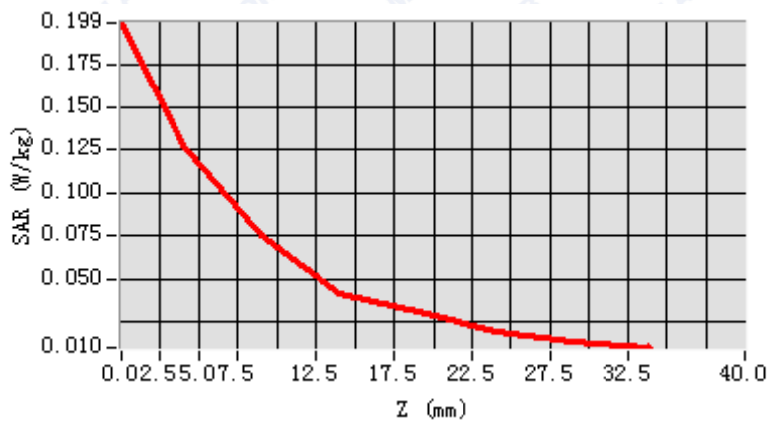
REPORT No. : SZ15080165S01

Maximum location: X=-57.00, Y=-55.00

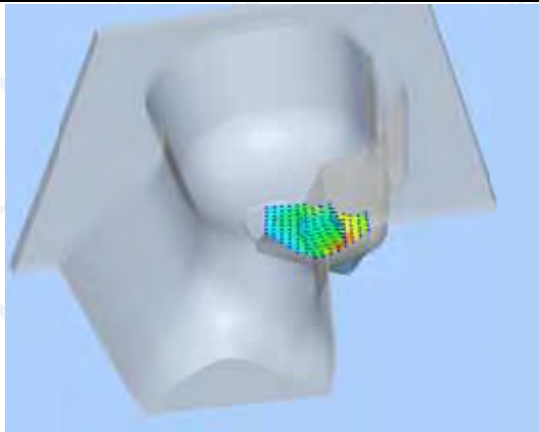
SAR Peak: 0.21 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.069964 |
| SAR 1g (W/Kg)  | 0.124724 |

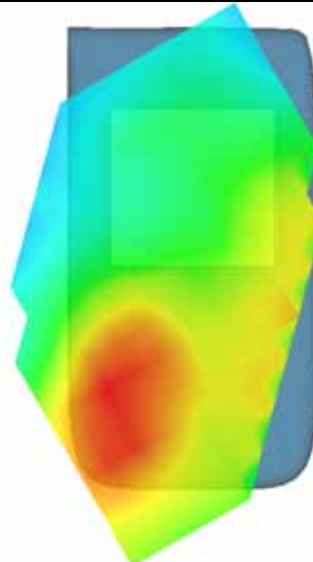
Z axis scan



**3D screen shot**



**Hot spot position**



**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: 2015.09.03

Measurement duration: 9 minutes 30 seconds

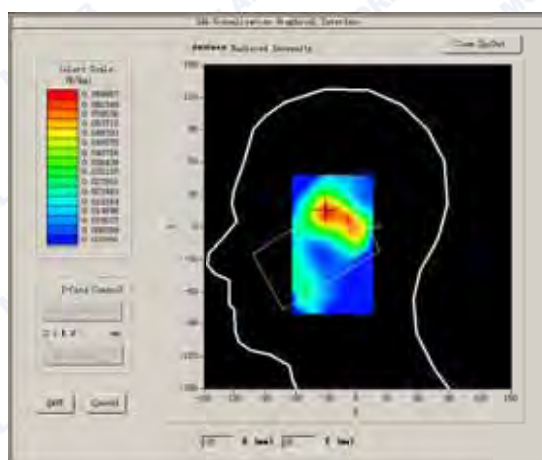
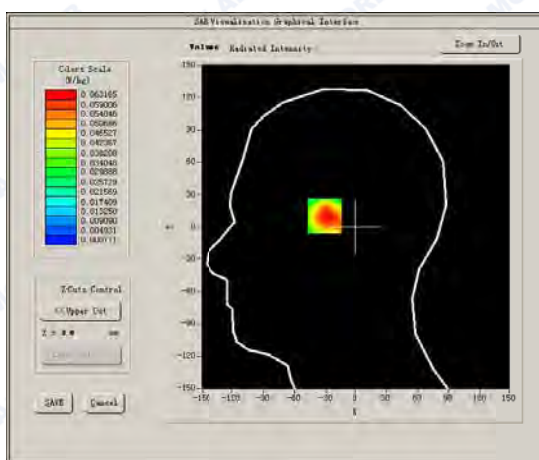
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift(%)                    | 2.300000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:8         |

**SURFACE SAR****VOLUME SAR**



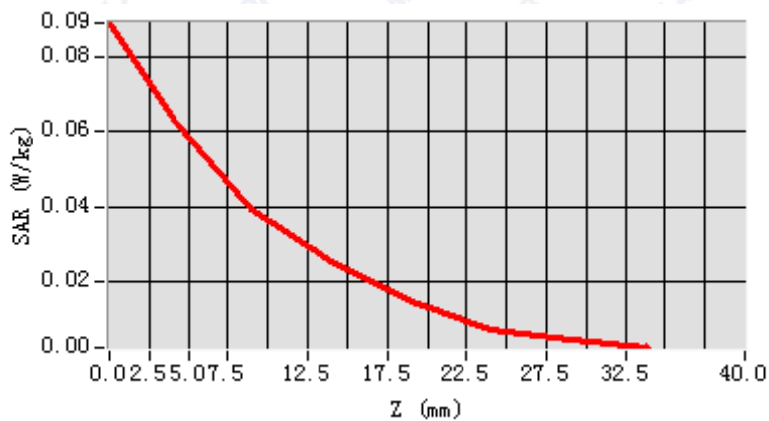
REPORT No. : SZ15080165S01

Maximum location: X=-31.00, Y=14.00

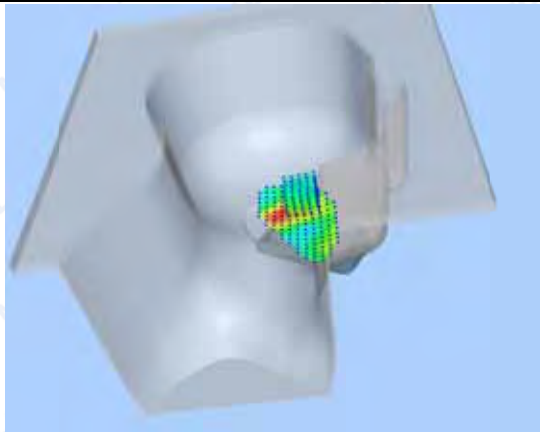
SAR Peak: 0.09 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.036150 |
| SAR 1g (W/Kg)  | 0.060543 |

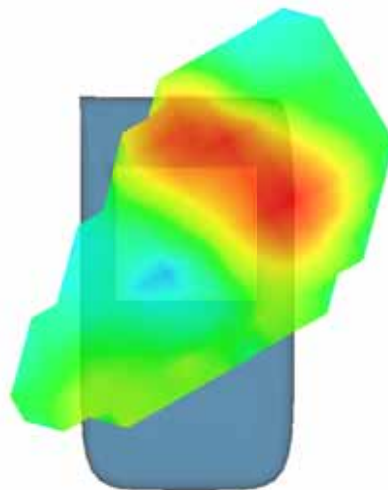
Z axis scan



**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: 2015.09.03

Measurement duration: 9 minutes 23 seconds

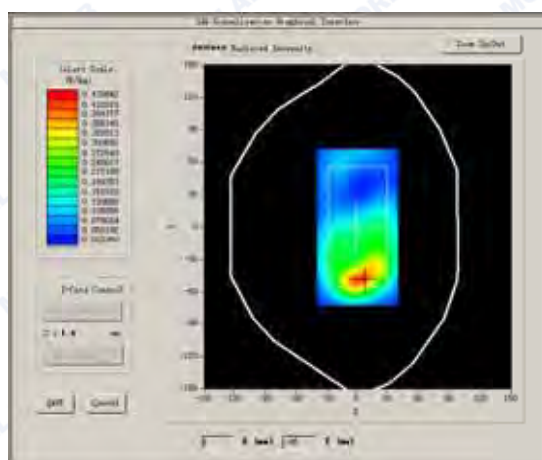
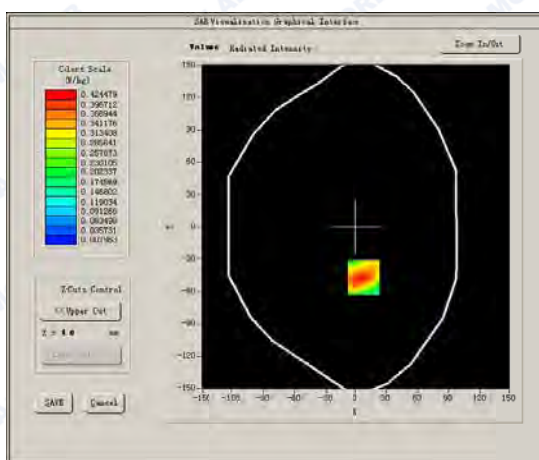
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift(%)                    | -2.530000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:2         |

**SURFACE SAR****VOLUME SAR**



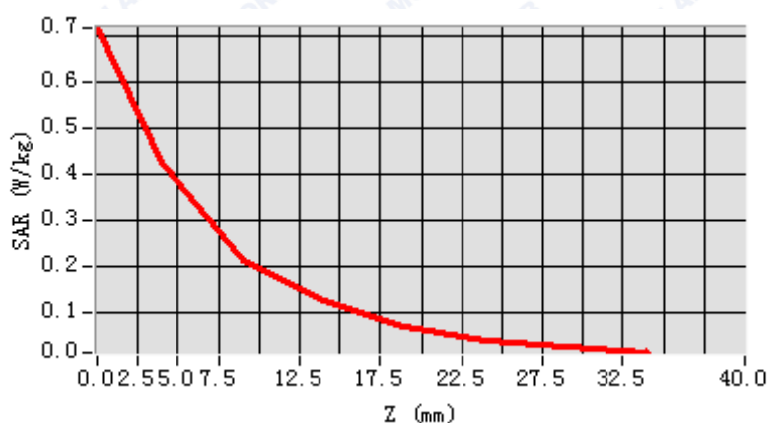
REPORT No. : SZ15080165S01

Maximum location: X=7.00, Y=-47.00

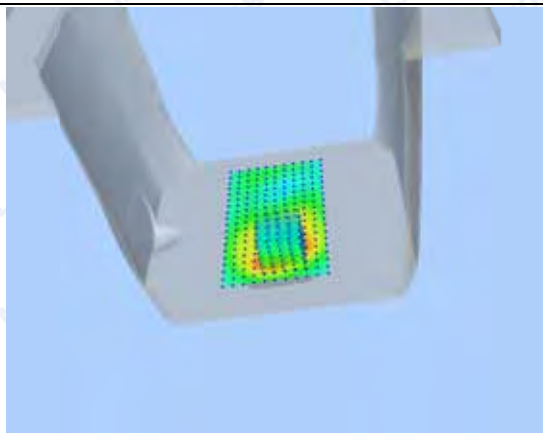
SAR Peak: 0.78 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.231461 |
| SAR 1g (W/Kg)  | 0.439502 |

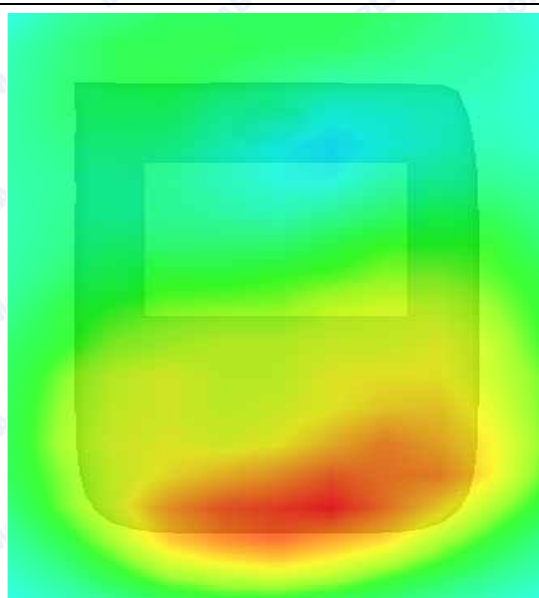
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 17**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 30 seconds

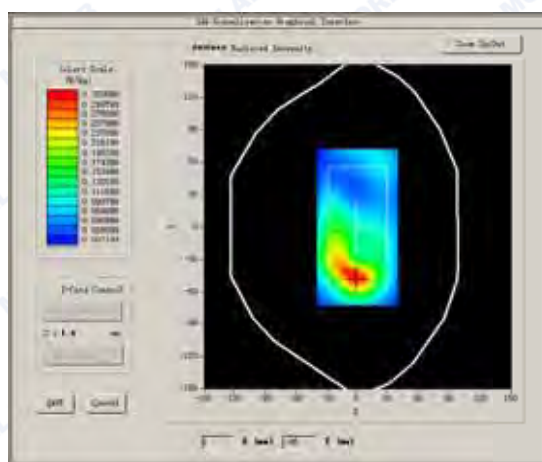
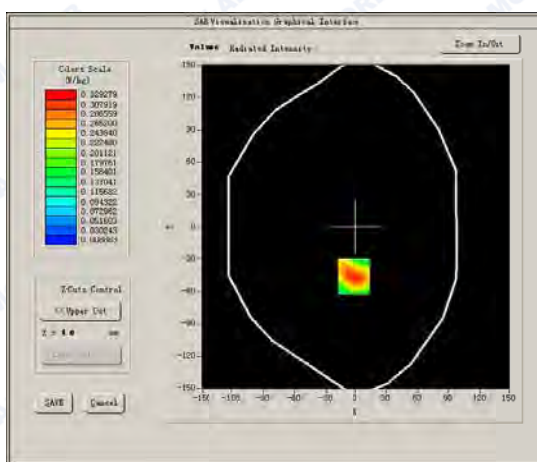
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 510):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift(%)                    | -1.350000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:2         |

**SURFACE SAR****VOLUME SAR**



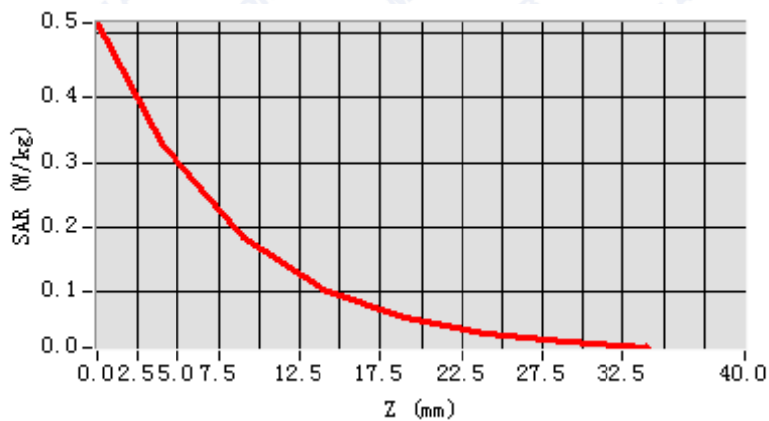
REPORT No. : SZ15080165S01

Maximum location: X=-2.00, Y=-46.00

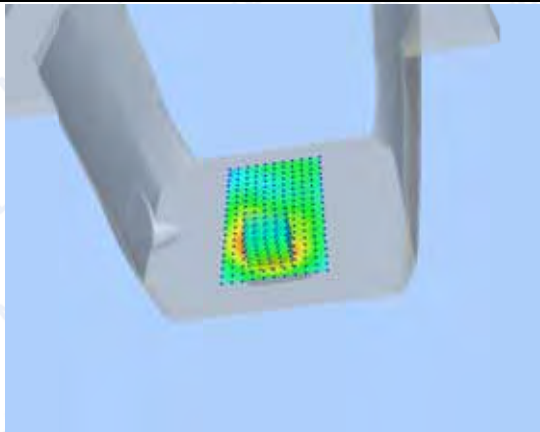
SAR Peak: 0.57 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.183011 |
| SAR 1g (W/Kg)  | 0.341011 |

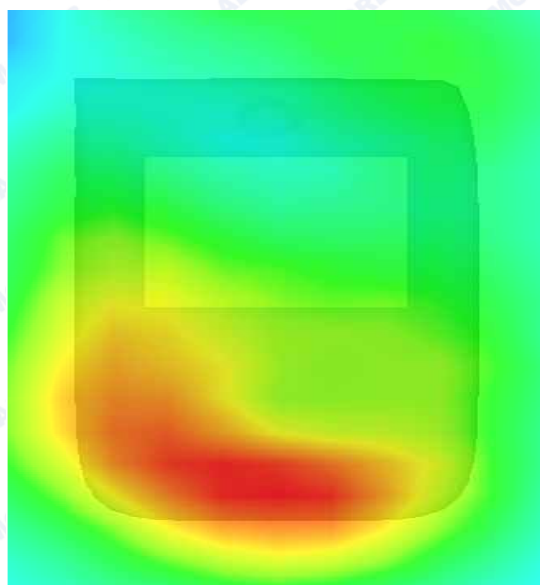
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 18**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 31 seconds

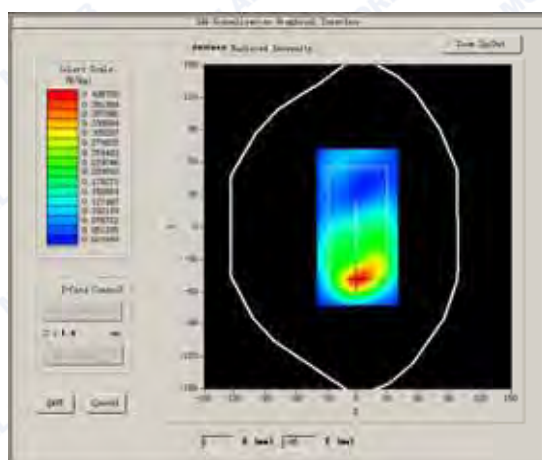
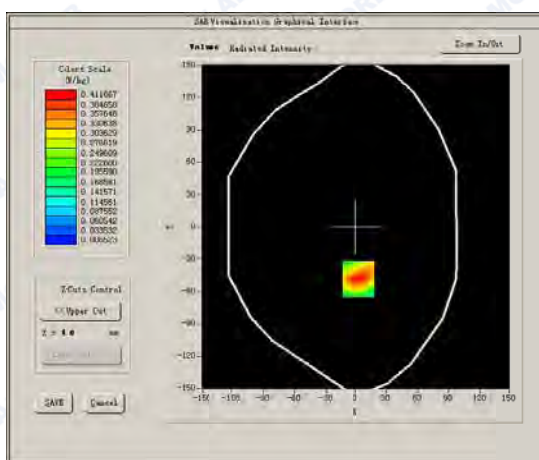
**A. Experimental conditions.**

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

**B. SAR Measurement Result**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1850.200000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift(%)                    | -1.540000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:2         |

**SURFACE SAR****VOLUME SAR**



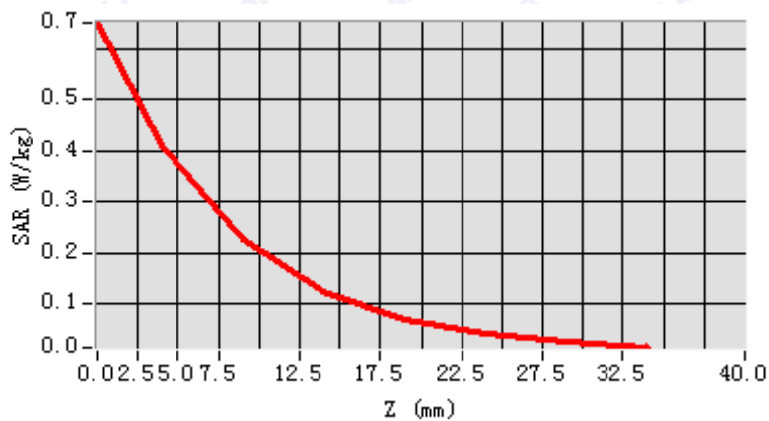
REPORT No. : SZ15080165S01

Maximum location: X=2.00, Y=-48.00

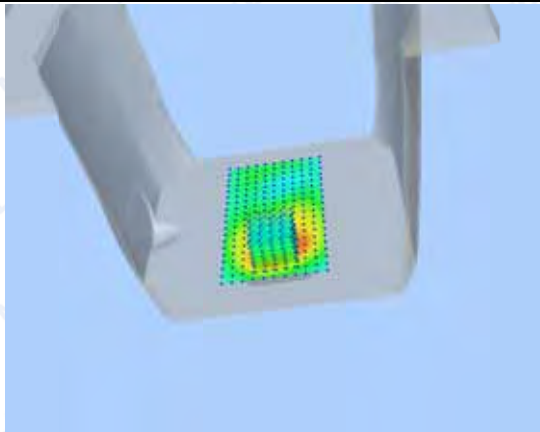
SAR Peak: 0.66 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.210780 |
| SAR 1g (W/Kg)  | 0.399293 |

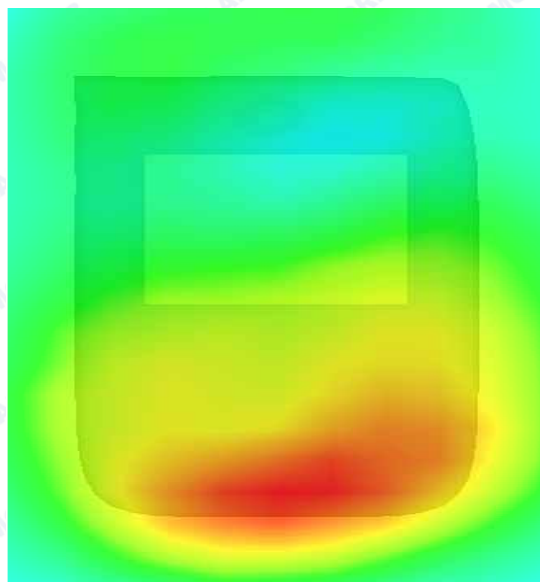
Z axis scan



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: 2015.09.03

Measurement duration: 9 minutes 31 seconds

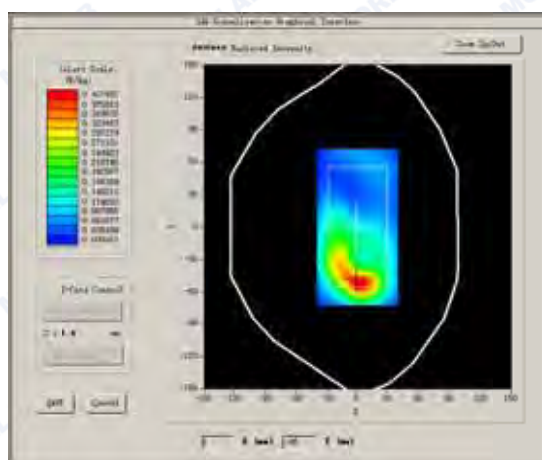
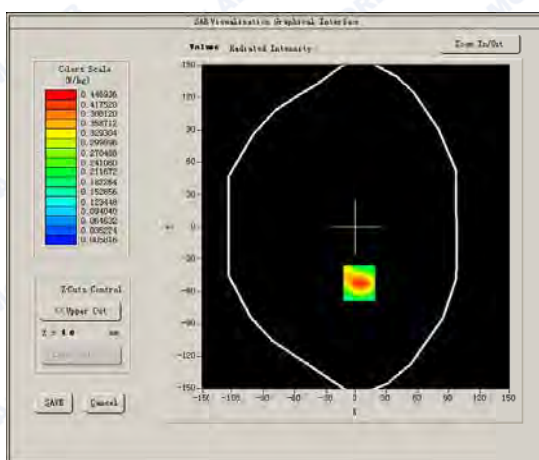
**A. Experimental conditions.**

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

**B. SAR Measurement Result**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1880.000000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift(%)                    | -1.540000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:2         |

**SURFACE SAR****VOLUME SAR**



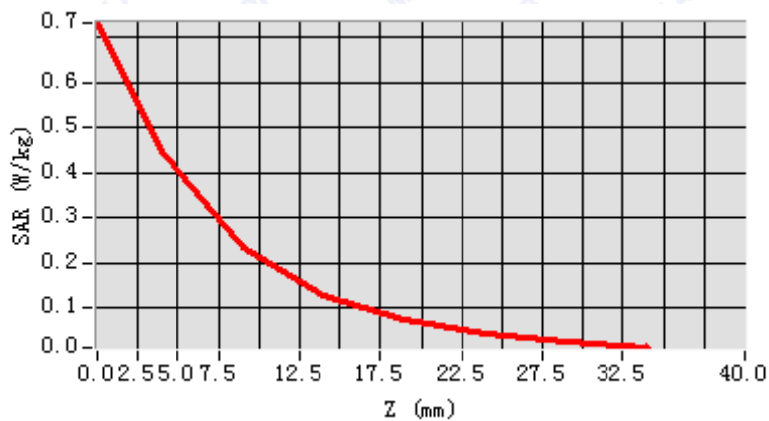
REPORT No. : SZ15080165S01

Maximum location: X=3.00, Y=-52.00

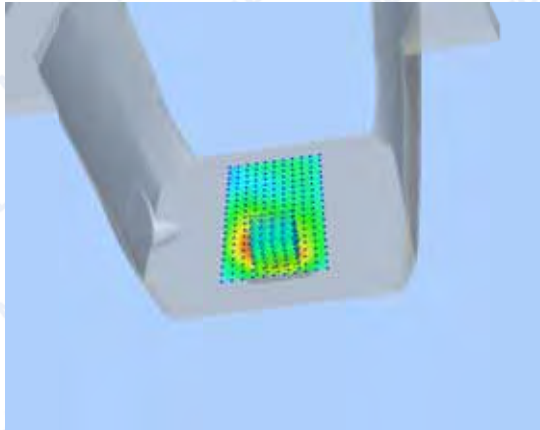
SAR Peak: 0.73 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.216199 |
| SAR 1g (W/Kg)  | 0.429512 |

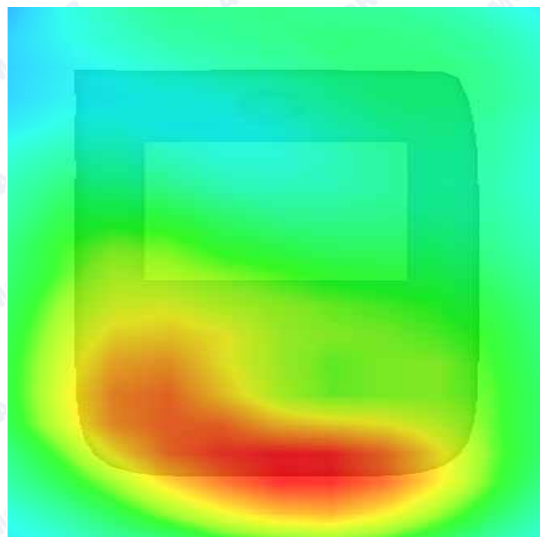
**Z axis scan**



**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: 2015.09.03

Measurement duration: 9 minutes 31 seconds

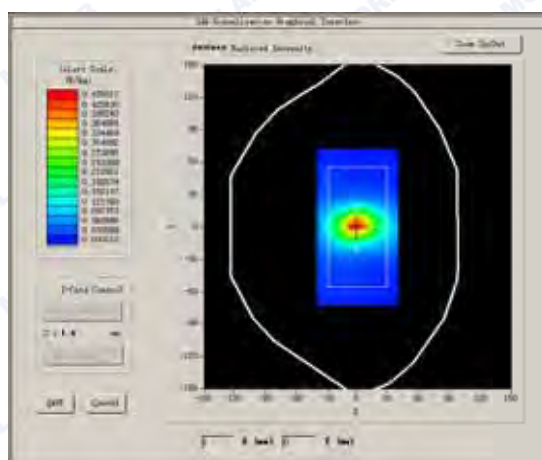
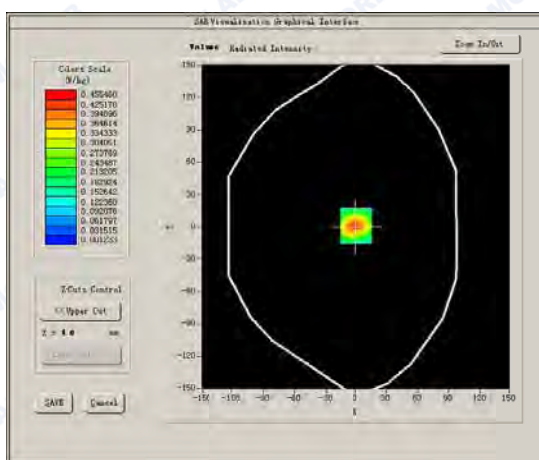
**A. Experimental conditions.**

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

**B. SAR Measurement Result**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift(%)                    | -1.540000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:2         |

**SURFACE SAR****VOLUME SAR**



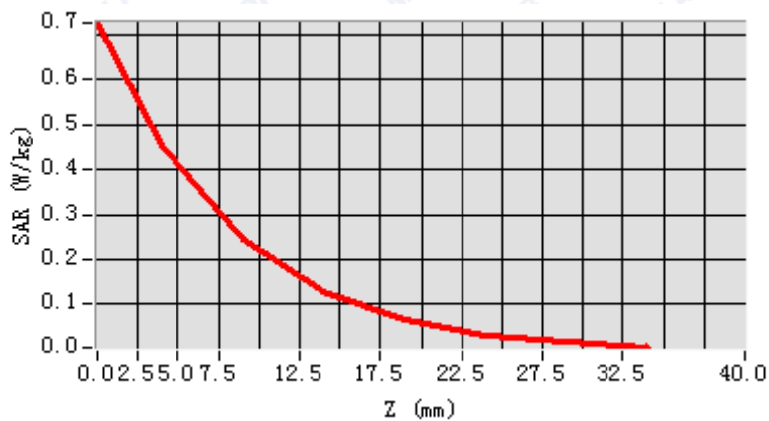
REPORT No. : SZ15080165S01

Maximum location: X=0.00, Y=1.00

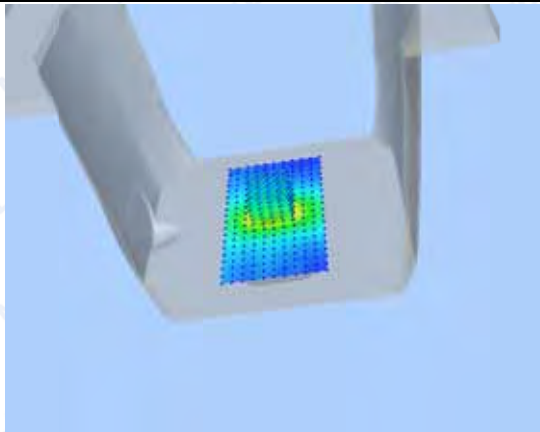
SAR Peak: 0.73 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.215298 |
| SAR 1g (W/Kg)  | 0.437198 |

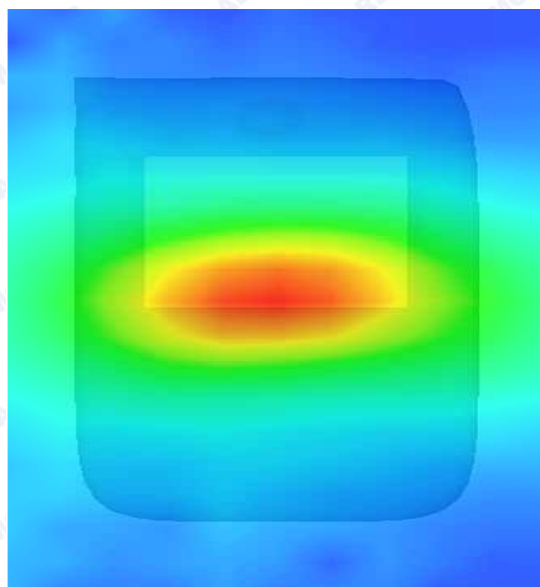
**Z axis scan**



**3D screen shot**



**Hot spot position**





REPORT No. : SZ15080165S01

**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: 2015.09.03

Measurement duration: 9 minutes 30 seconds

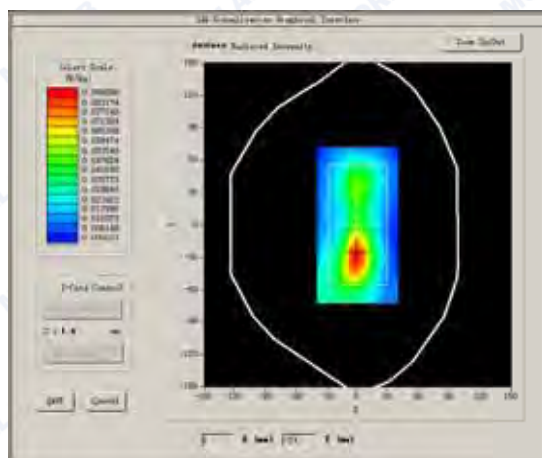
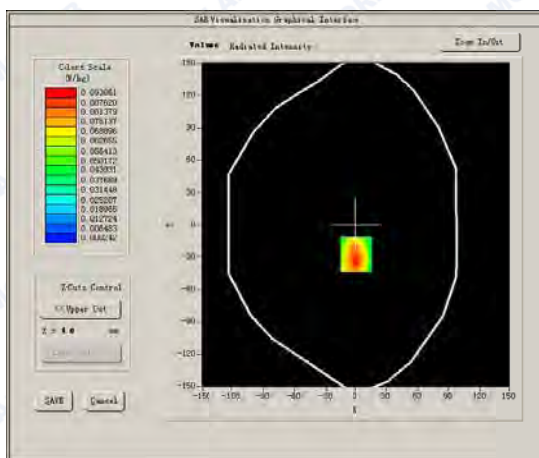
**A. Experimental conditions.**

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

**B. SAR Measurement Result**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift(%)                    | -1.540000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:2         |

**SURFACE SAR****VOLUME SAR**



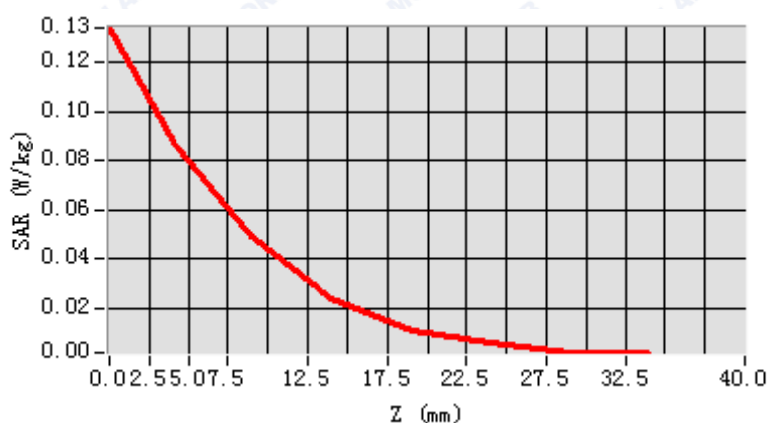
REPORT No. : SZ15080165S01

Maximum location: X=0.00, Y=-27.00

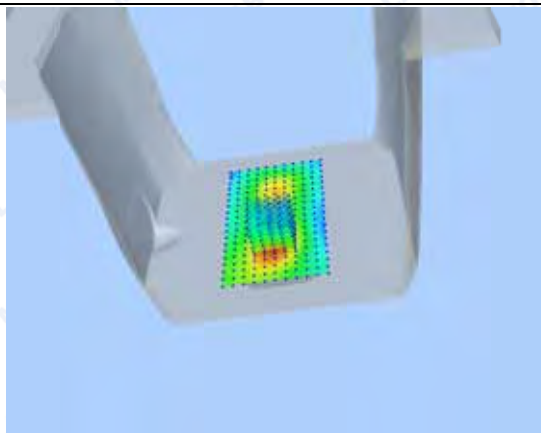
SAR Peak: 0.15 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.046625 |
| SAR 1g (W/Kg)  | 0.090094 |

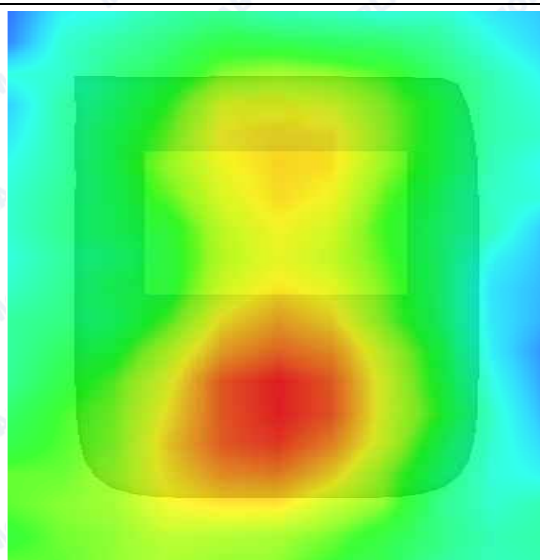
Z axis scan



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: 2015.09.03

Measurement duration: 9 minutes 29 seconds

### A. Experimental conditions.

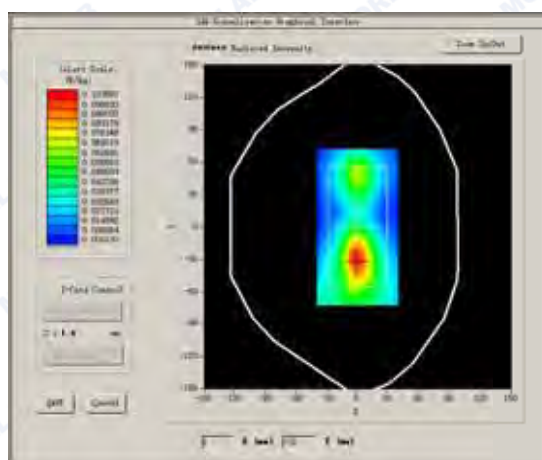
|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Flat Plane        |
| Device Position | Body              |
| Band            | GSM1900           |
| Channels        | High              |
| Signal          | GPRS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

### B. SAR Measurement Result

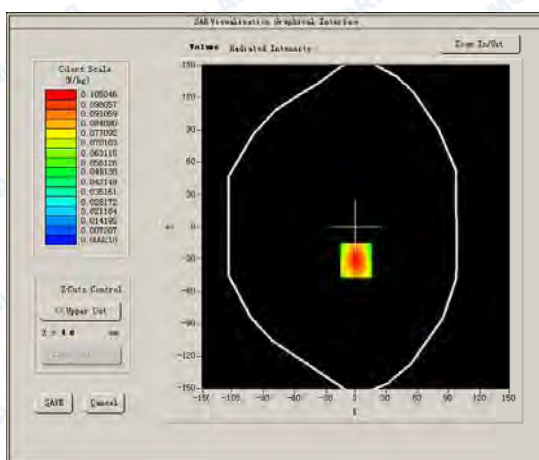
High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift(%)                    | -1.540000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:2         |

SURFACE SAR



VOLUME SAR





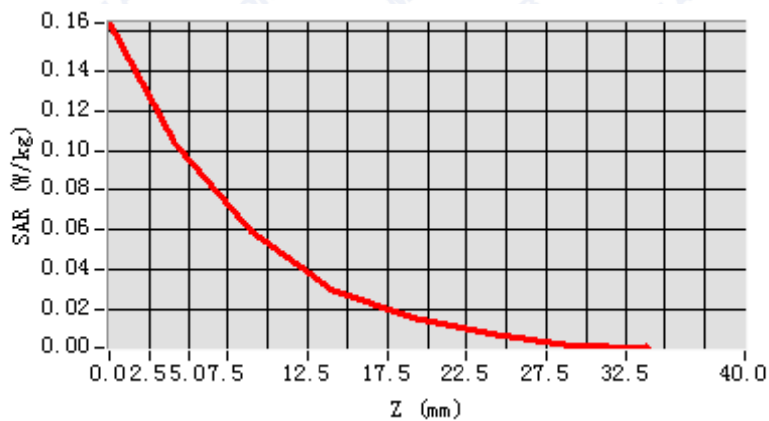
REPORT No. : SZ15080165S01

Maximum location: X=0.00, Y=-31.00

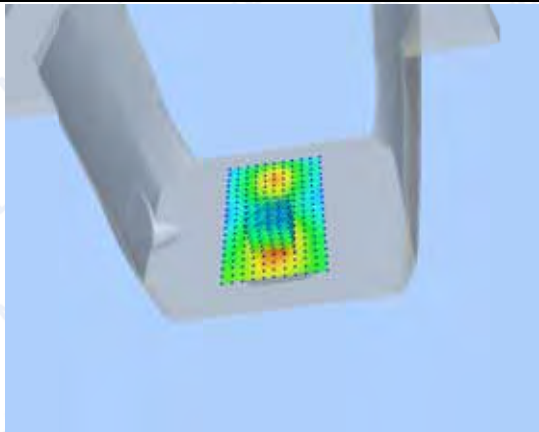
SAR Peak: 0.18 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.054044 |
| SAR 1g (W/Kg)  | 0.103240 |

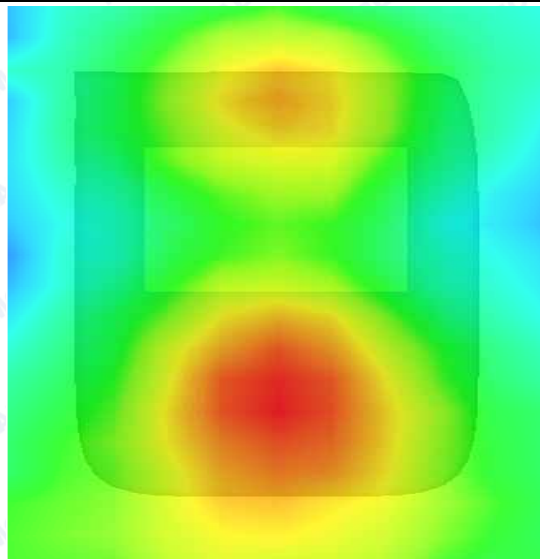
**Z axis scan**



**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: 2015.09.02

Measurement duration: 9 minutes 18 seconds

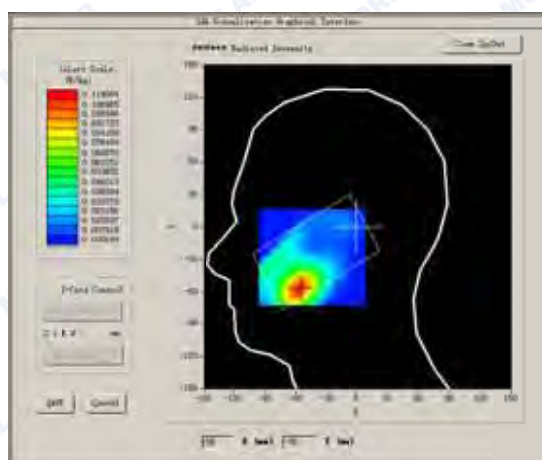
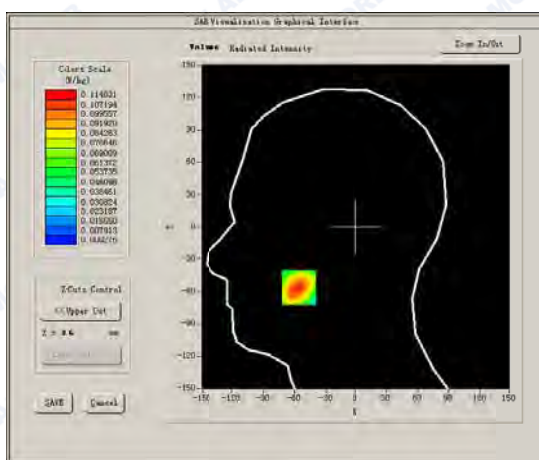
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift (%)                   | 1.430000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



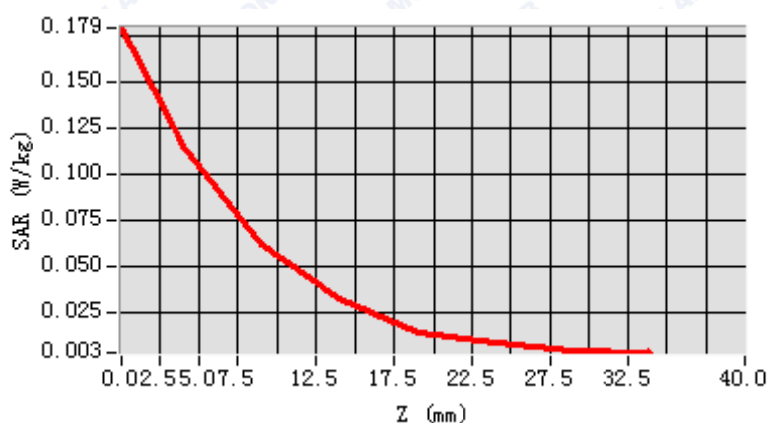
REPORT No. : SZ15080165S01

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

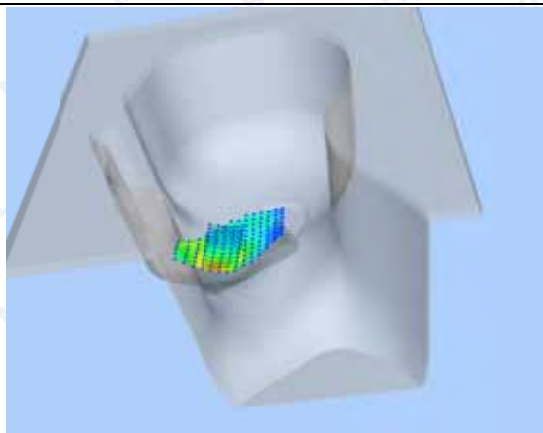
SAR Peak: 0.18 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.056134 |
| SAR 1g (W/Kg)  | 0.108404 |

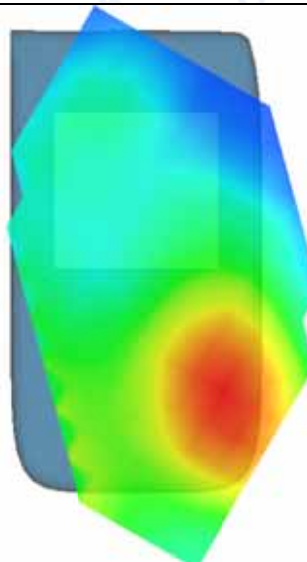
**Z axis scan**



**3D screen shot**



**Hot spot position**



**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: 2015.09.02

Measurement duration: 8 minutes 14 seconds

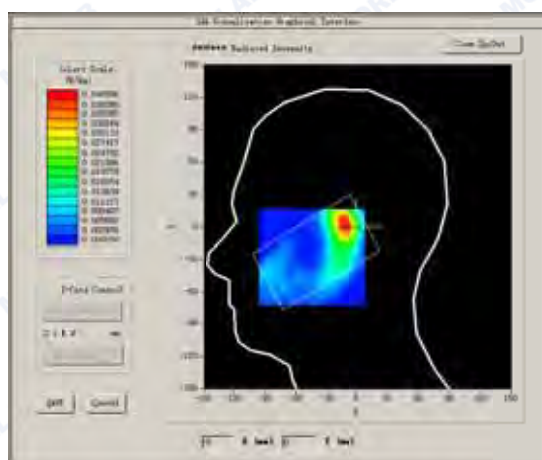
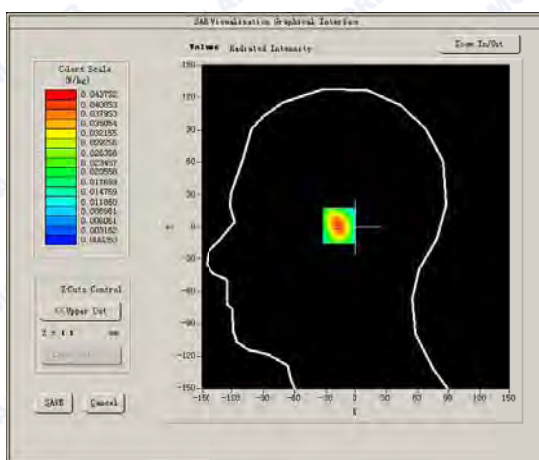
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift (%)                   | -2.940000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



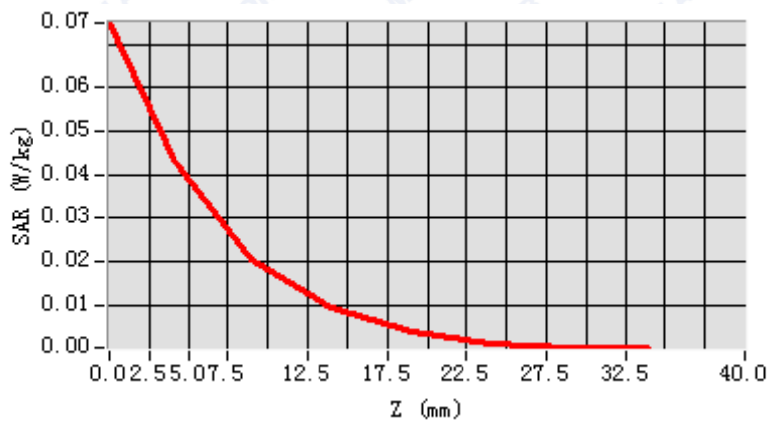
REPORT No. : SZ15080165S01

Maximum location: X=-11.00, Y=1.00

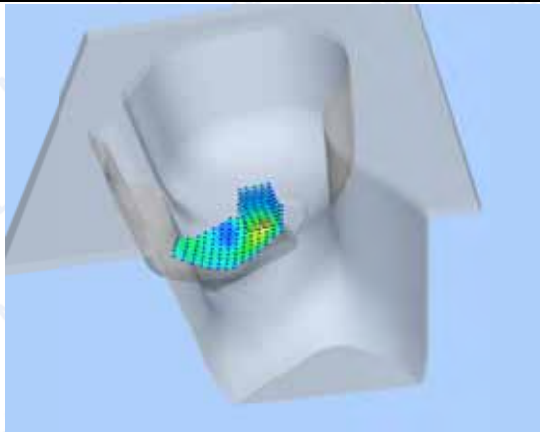
SAR Peak: 0.07 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.019101 |
| SAR 1g (W/Kg)  | 0.041334 |

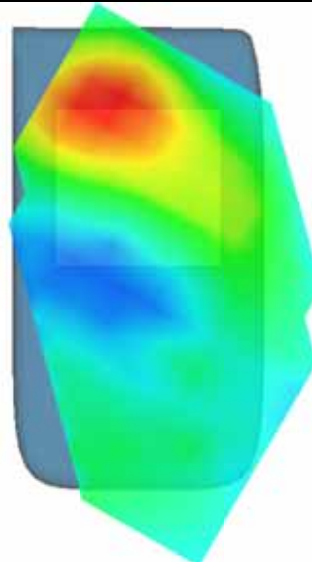
Z axis scan



**3D screen shot**



**Hot spot position**



**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: 2015.09.02

Measurement duration: 8 minutes 57 seconds

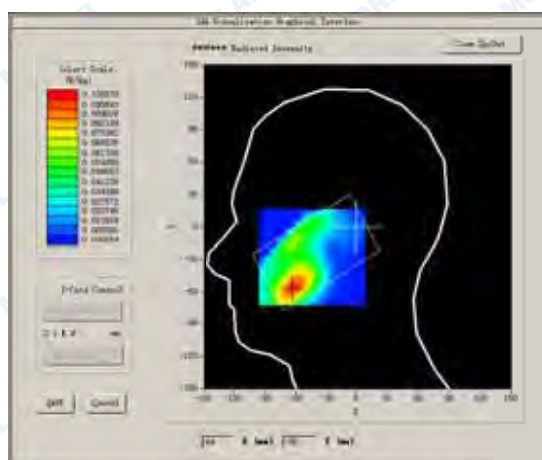
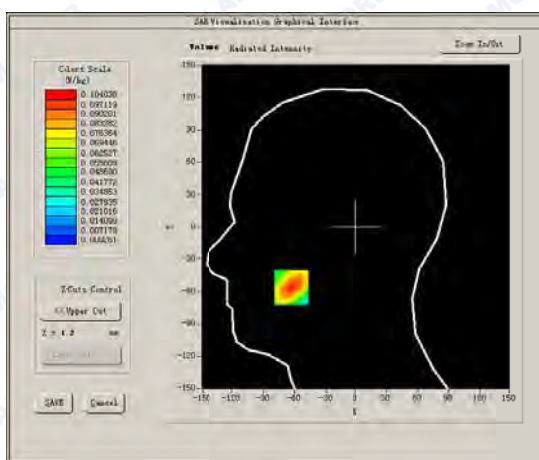
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift (%)                   | 2.400000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



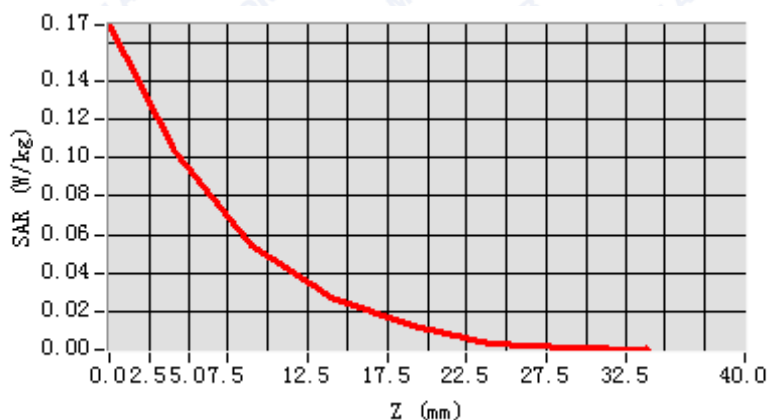
REPORT No. : SZ15080165S01

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

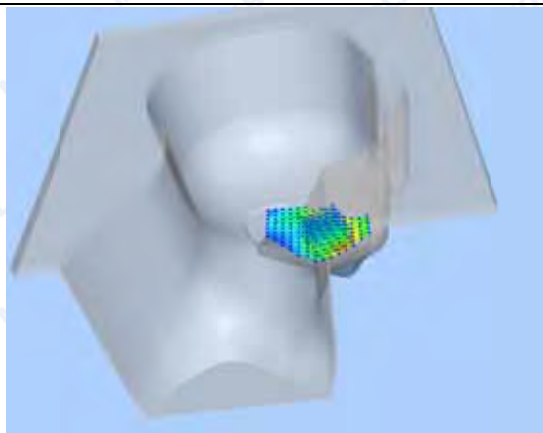
SAR Peak: 0.17 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.049954 |
| SAR 1g (W/Kg)  | 0.098218 |

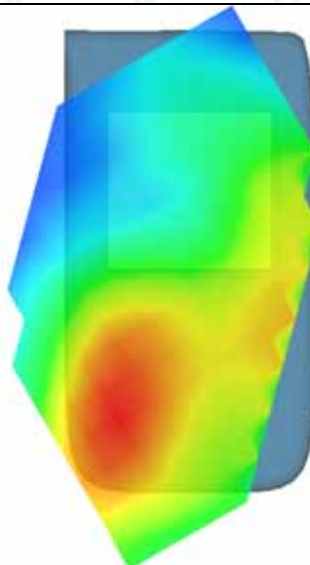
Z axis scan



**3D screen shot**



**Hot spot position**



**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: 2015.09.02

Measurement duration: 8 minutes 20 seconds

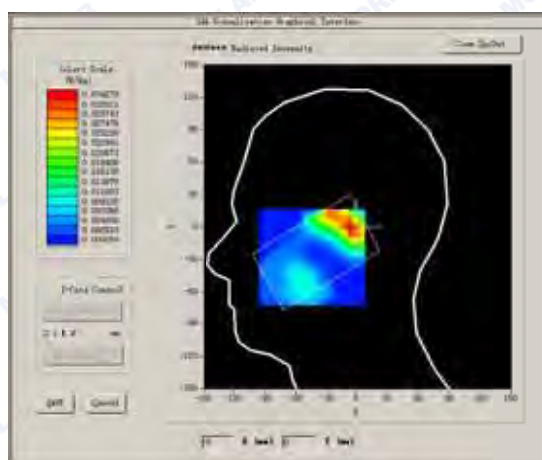
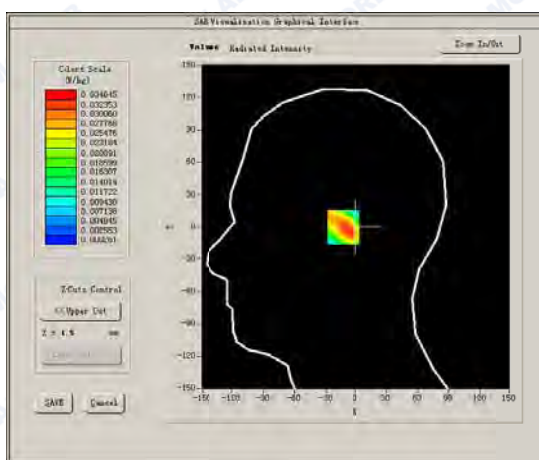
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 41.362849  |
| Conductivity (S/m)                | 0.913725   |
| Power drift (%)                   | -3.550000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



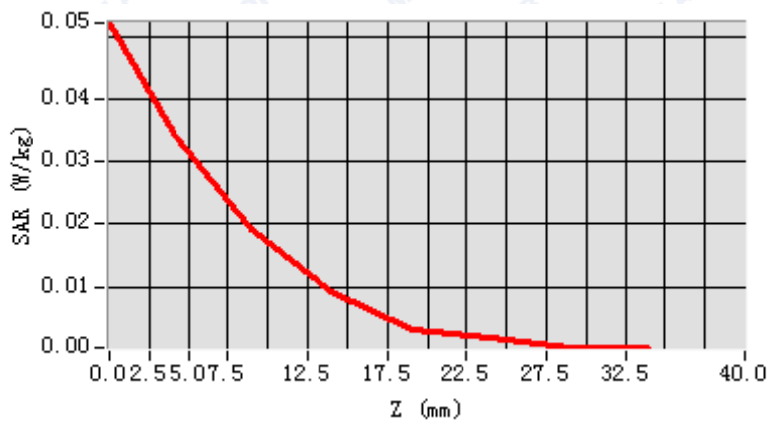
REPORT No. : SZ15080165S01

Maximum location: X=-7.00, Y=0.00

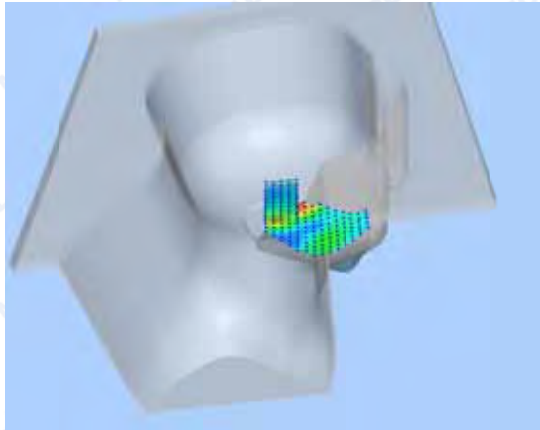
SAR Peak: 0.06 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.015947 |
| SAR 1g (W/Kg)  | 0.033136 |

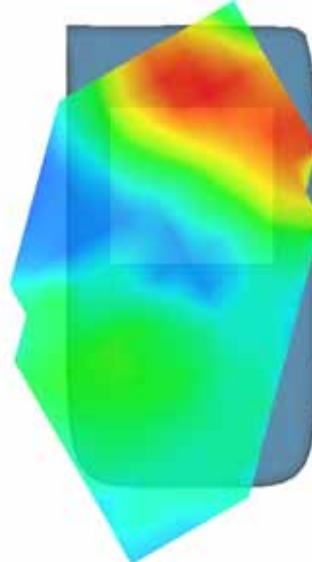
Z axis scan



**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: 2015.09.02

Measurement duration: 9 minutes 28 seconds

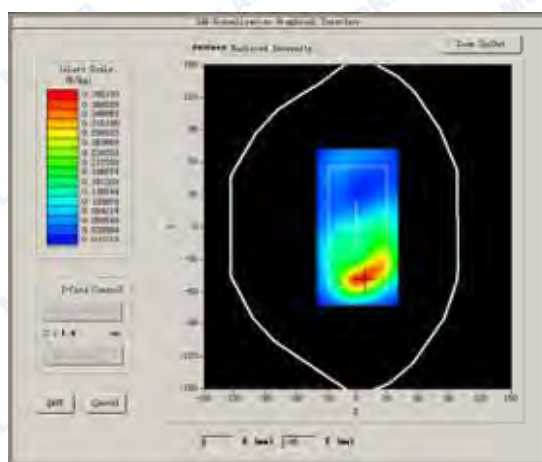
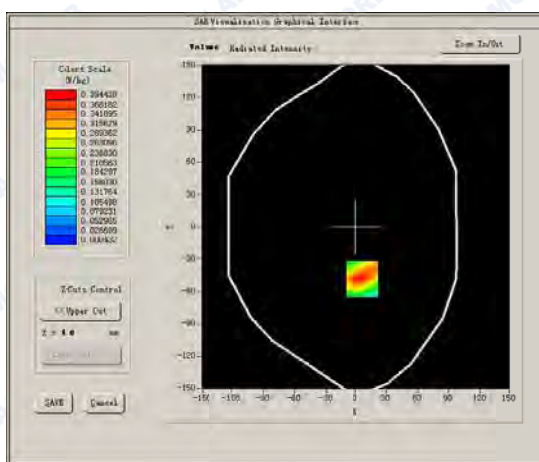
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift (%)                   | 0.130000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



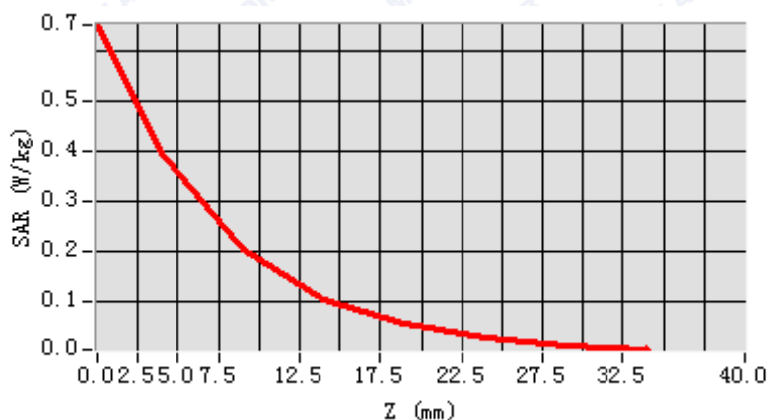
REPORT No. : SZ15080165S01

Maximum location: X=6.00, Y=-48.00

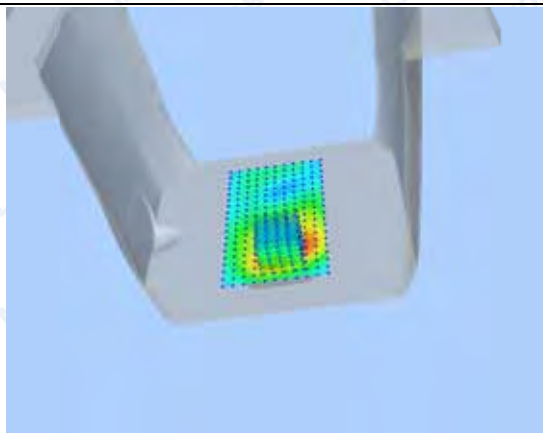
SAR Peak: 0.70 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.206013 |
| SAR 1g (W/Kg)  | 0.405828 |

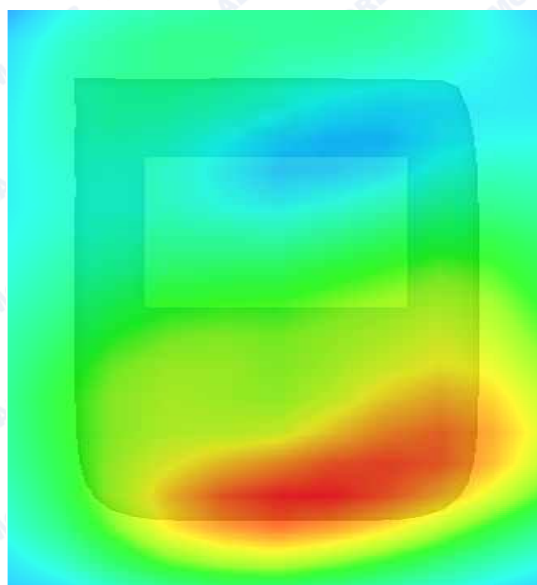
**Z axis scan**



**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: 2015.09.02

Measurement duration: 9 minutes 32 seconds

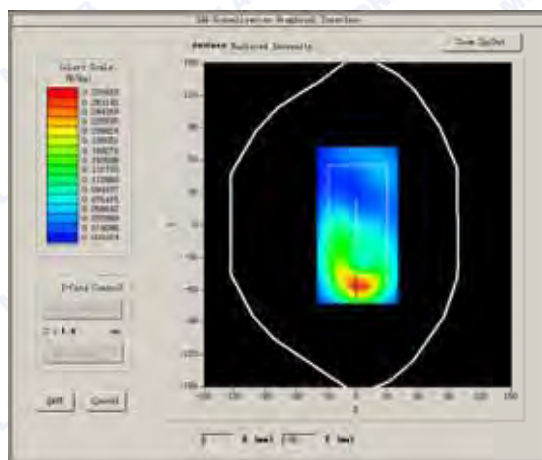
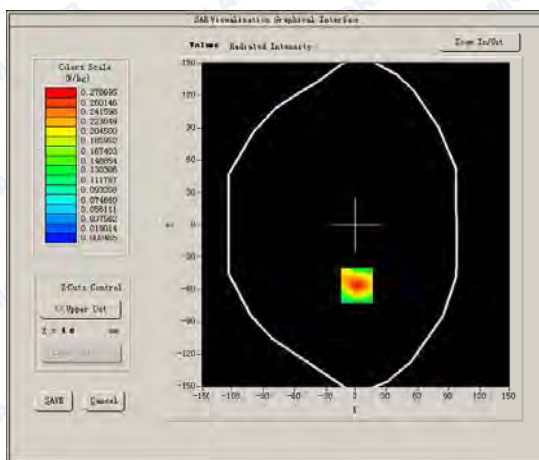
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift (%)                   | -3.040000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



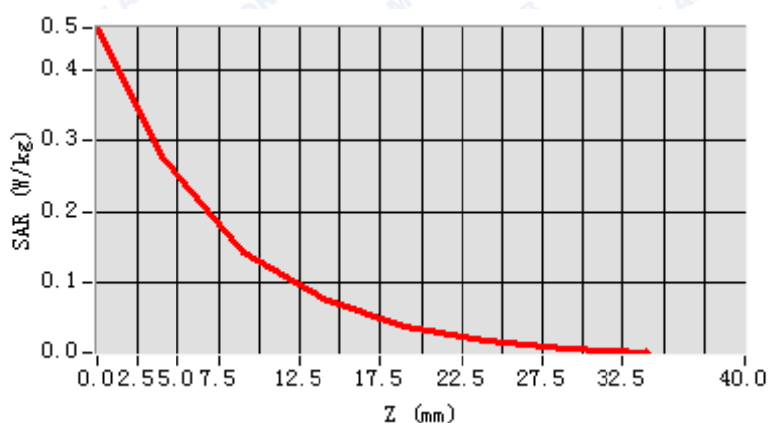
REPORT No. : SZ15080165S01

Maximum location: X=1.00, Y=-56.00

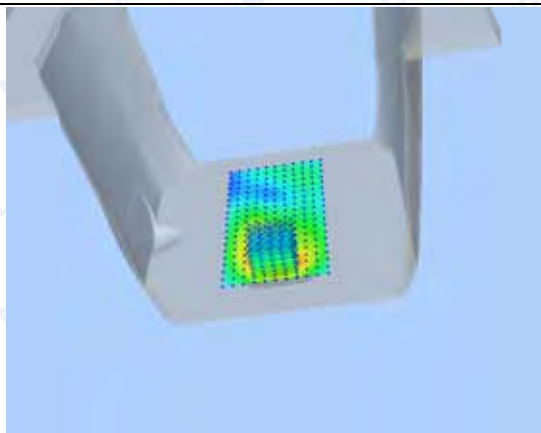
SAR Peak: 0.49 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.144680 |
| SAR 1g (W/Kg)  | 0.284643 |

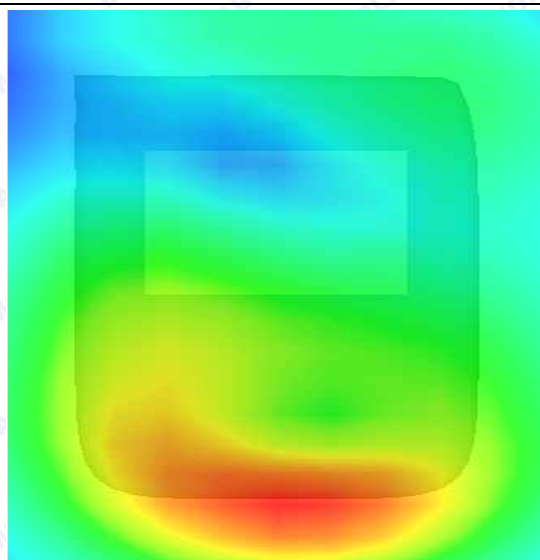
Z axis scan



**3D screen shot**



**Hot spot position**



**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: 2015.09.02

Measurement duration: 9 minutes 26 seconds

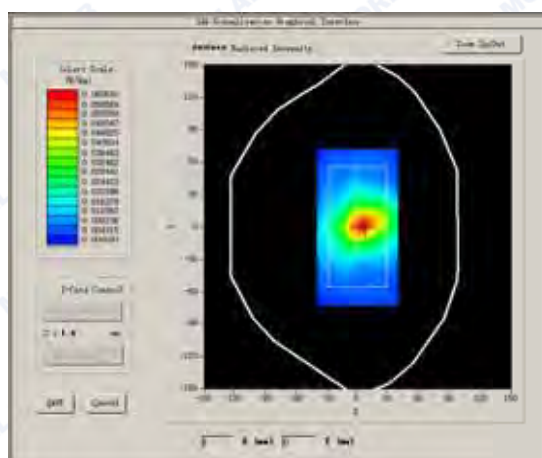
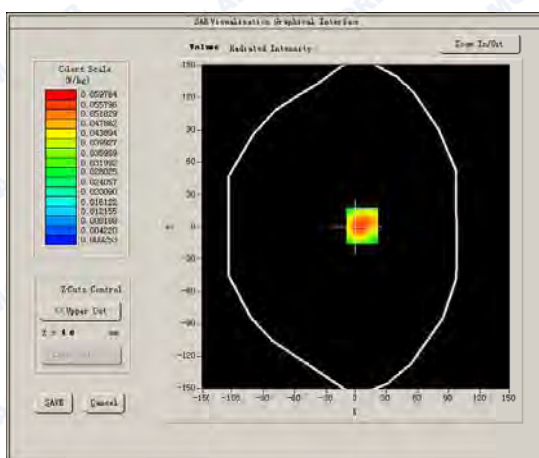
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift (%)                   | -1.810000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



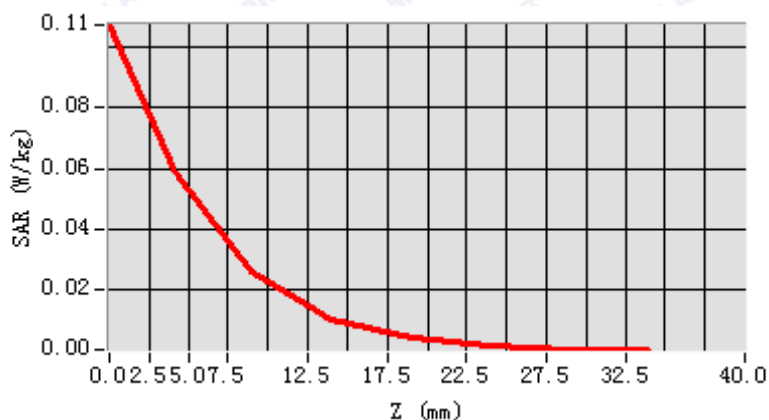
REPORT No. : SZ15080165S01

Maximum location: X=6.00, Y=1.00

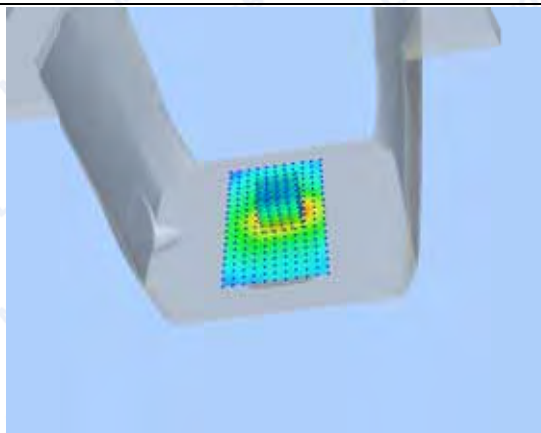
SAR Peak: 0.11 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.030911 |
| SAR 1g (W/Kg)  | 0.062138 |

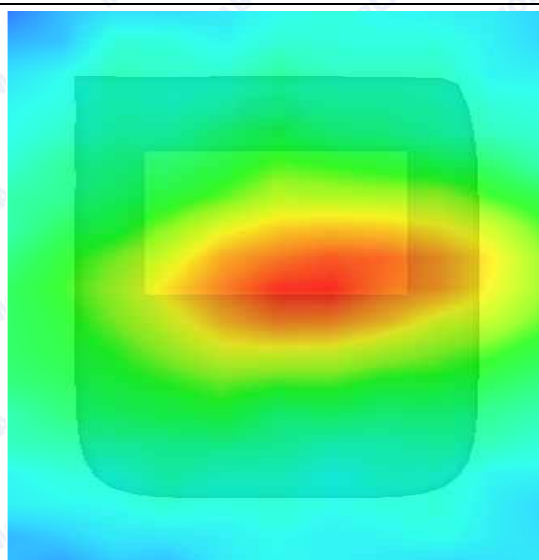
**Z axis scan**



**3D screen shot**



**Hot spot position**



**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: 2015.09.02

Measurement duration: 9 minutes 29 seconds

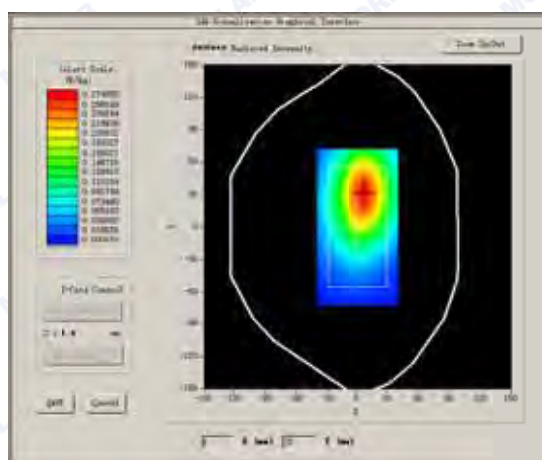
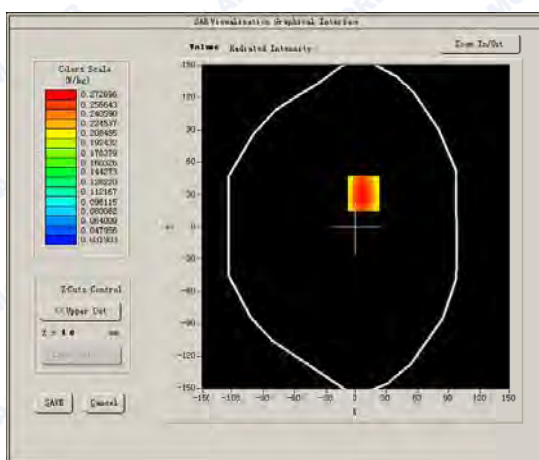
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift (%)                   | -2.830000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



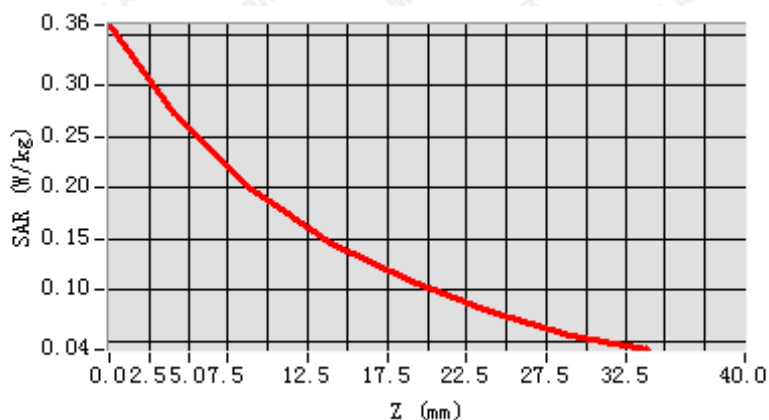
REPORT No. : SZ15080165S01

Maximum location: X=7.00, Y=31.00

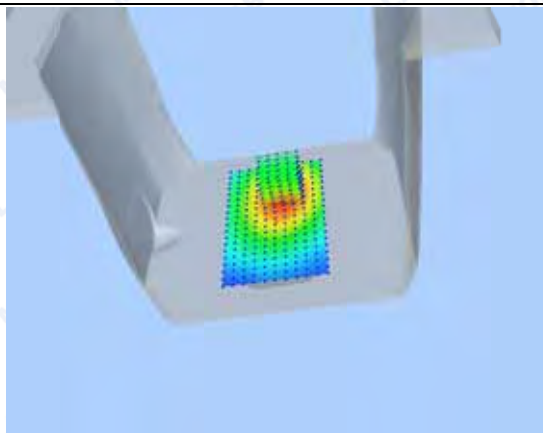
SAR Peak: 0.39 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.197603 |
| SAR 1g (W/Kg)  | 0.286216 |

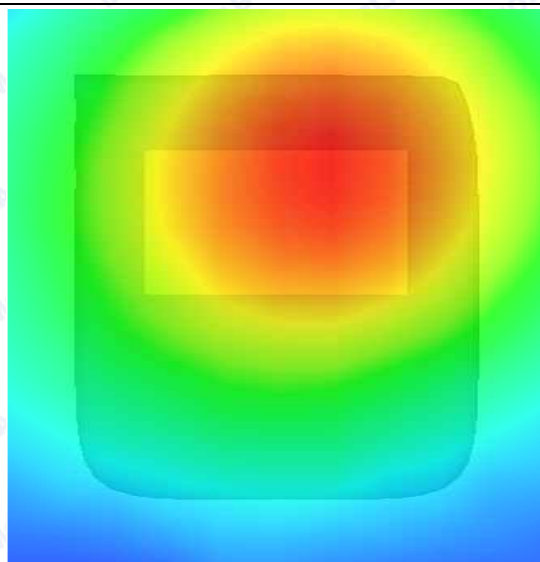
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 31**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.02

Measurement duration: 9 minutes 30 seconds

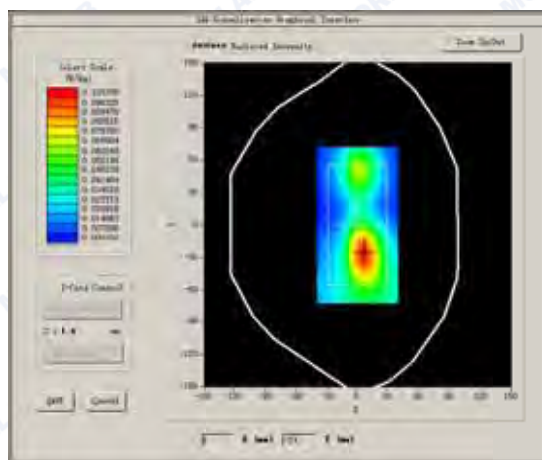
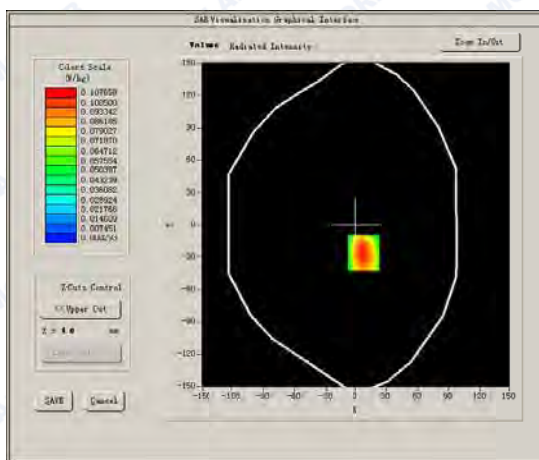
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4183):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 848.800000 |
| Relative permittivity (real part) | 55.691823  |
| Conductivity (S/m)                | 0.973824   |
| Power drift (%)                   | -0.040000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.99       |
| Crest factor:                     | 1:1        |

**SURFACE SAR****VOLUME SAR**



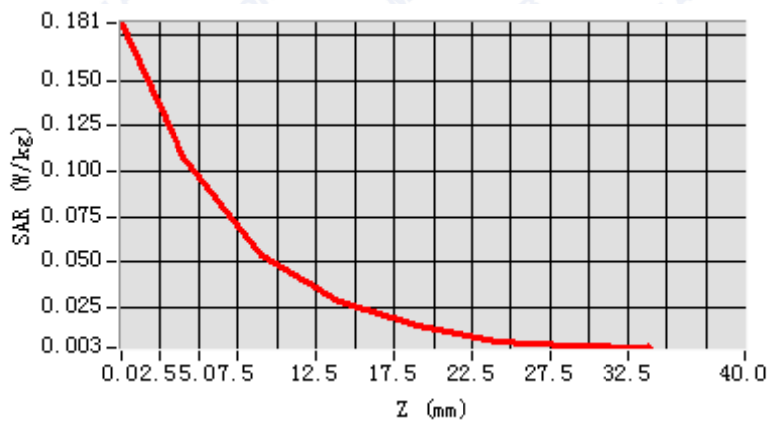
REPORT No. : SZ15080165S01

Maximum location: X=7.00, Y=-26.00

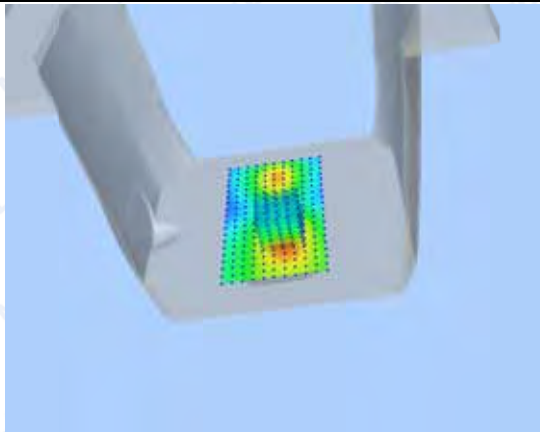
SAR Peak: 0.19 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.057389 |
| SAR 1g (W/Kg)  | 0.111140 |

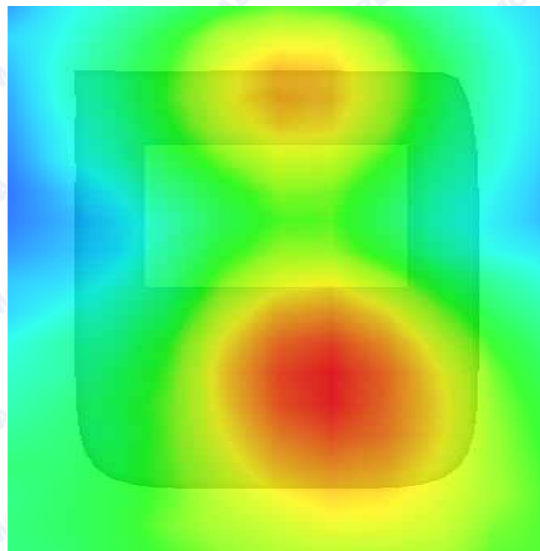
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 32**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 6 seconds

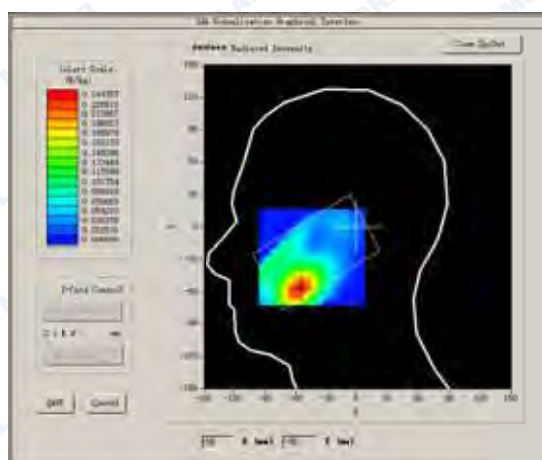
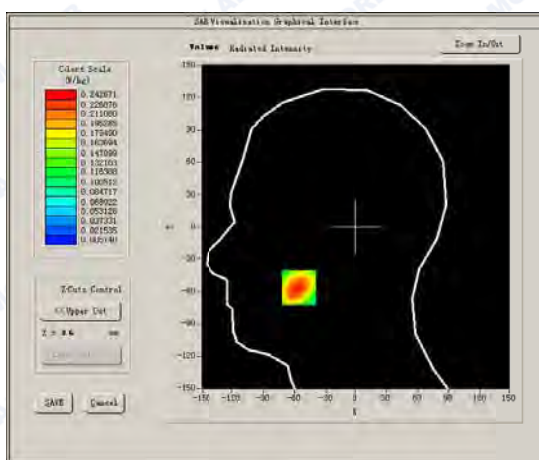
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1880.000000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift (%)                   | 2.090000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



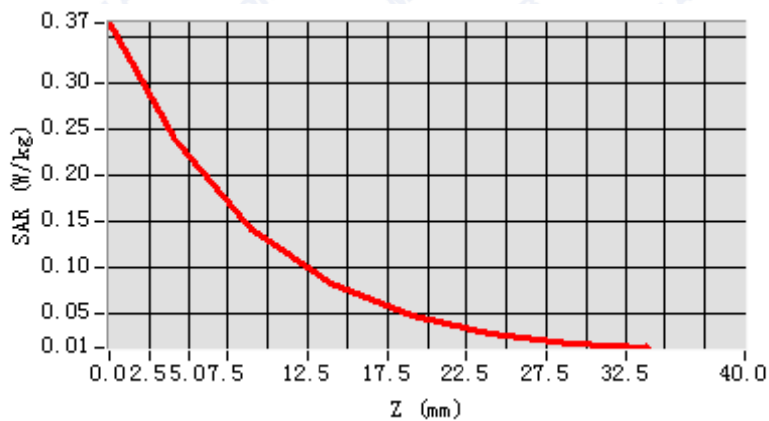
REPORT No. : SZ15080165S01

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

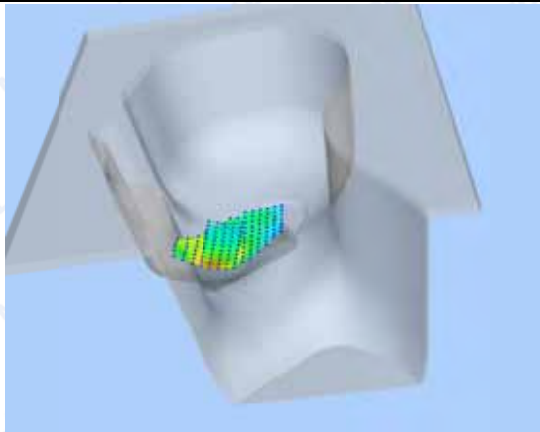
SAR Peak: 0.37 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.129576 |
| SAR 1g (W/Kg)  | 0.231893 |

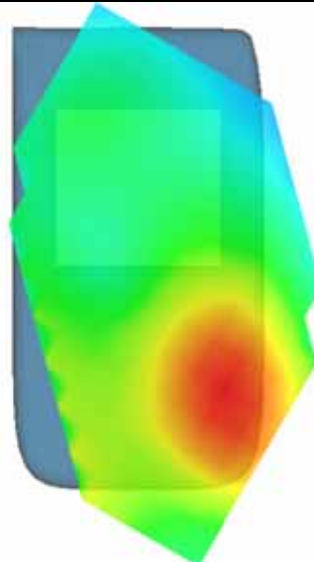
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 33**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 7 minutes 54 seconds

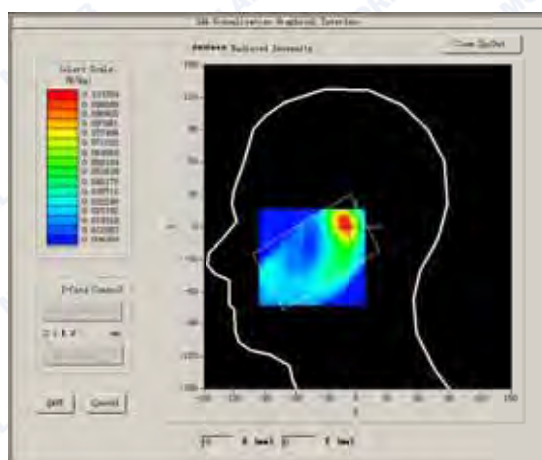
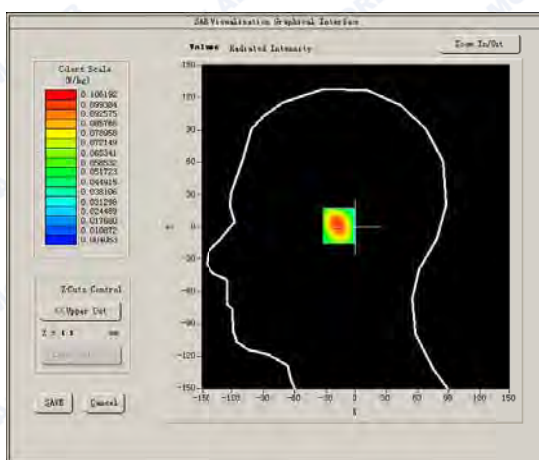
**A. Experimental conditions.**

|                 |                               |
|-----------------|-------------------------------|
| Phantom File    | sam_direct_droit2_surf8mm.txt |
| Phantom         | Right head                    |
| Device Position | Tilt                          |
| Band            | WCDMA1900                     |
| Channels        | Middle                        |
| Signal          | CDMA                          |

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1880.000000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift (%)                   | -2.710000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



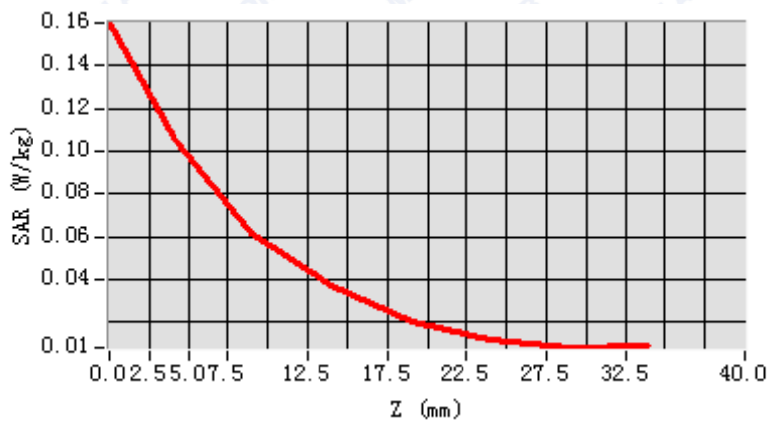
REPORT No. : SZ15080165S01

Maximum location: X=-11.00, Y=1.00

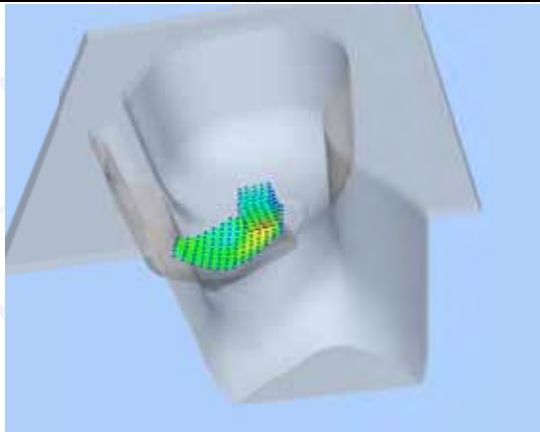
SAR Peak: 0.16 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.054401 |
| SAR 1g (W/Kg)  | 0.100756 |

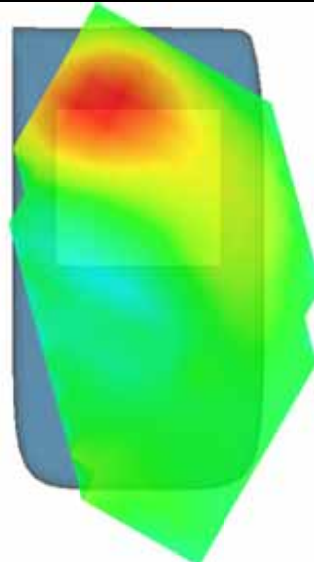
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 34**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 37 seconds

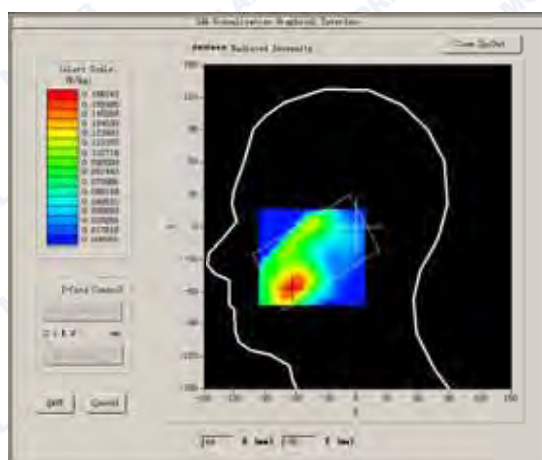
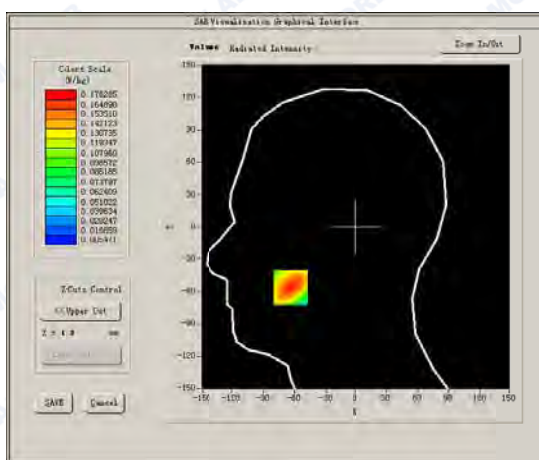
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1880.000000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift (%)                   | 1.240000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



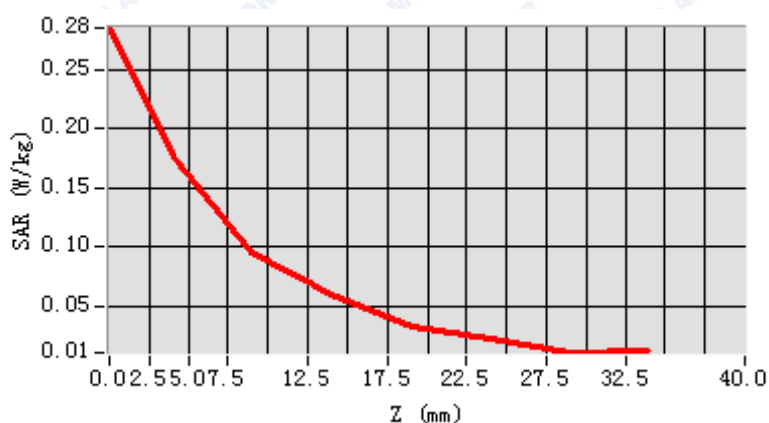
REPORT No. : SZ15080165S01

Maximum location: X=-64.00, Y=-56.00

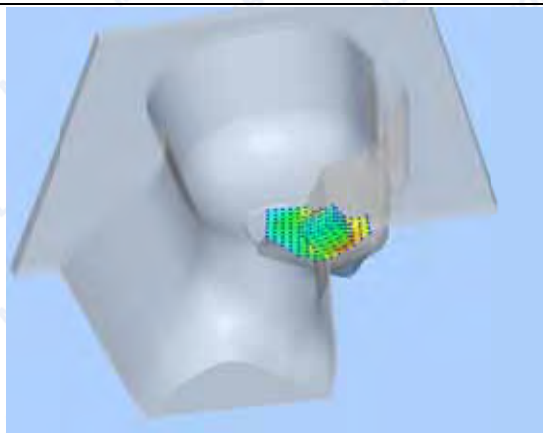
SAR Peak: 0.28 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.094294 |
| SAR 1g (W/Kg)  | 0.170173 |

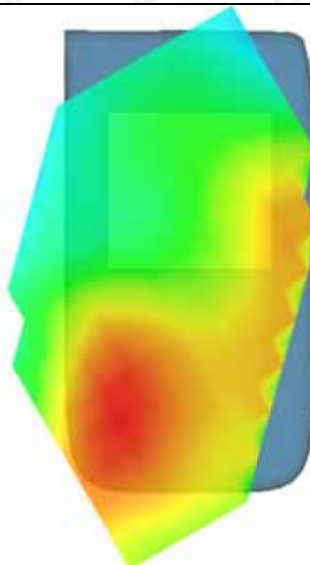
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 35**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 7 minutes 51 seconds

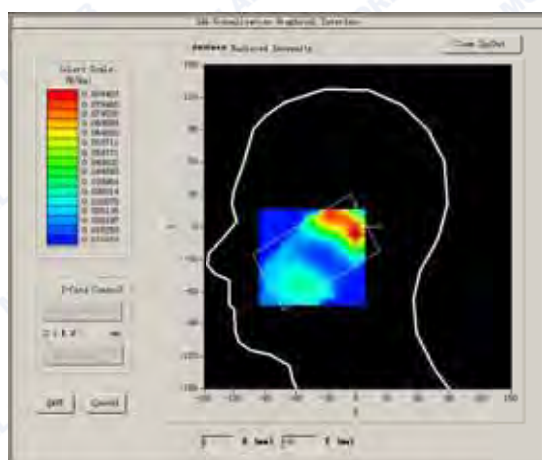
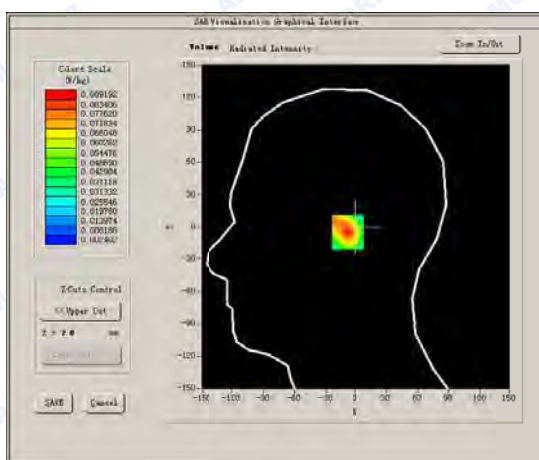
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1880.000000 |
| Relative permittivity (real part) | 39.981672   |
| Conductivity (S/m)                | 1.410935    |
| Power drift (%)                   | 3.480000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.00        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



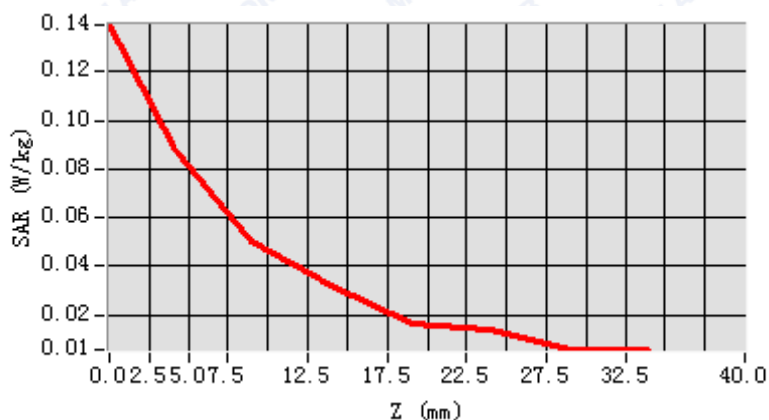
REPORT No. : SZ15080165S01

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

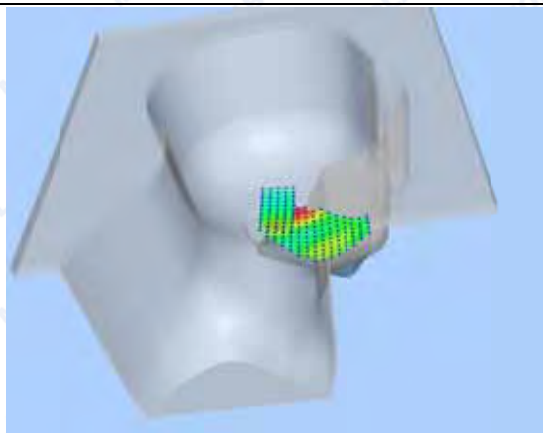
SAR Peak: 0.14 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.047200 |
| SAR 1g (W/Kg)  | 0.084095 |

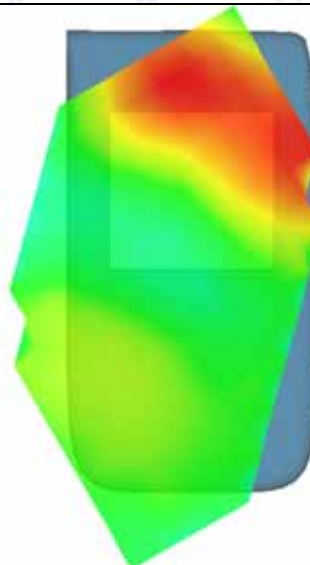
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 36**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 29 seconds

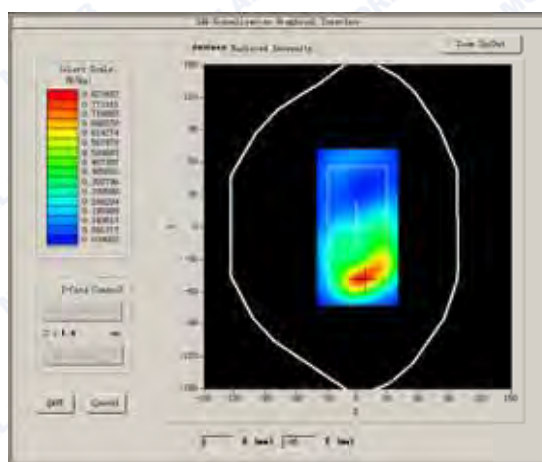
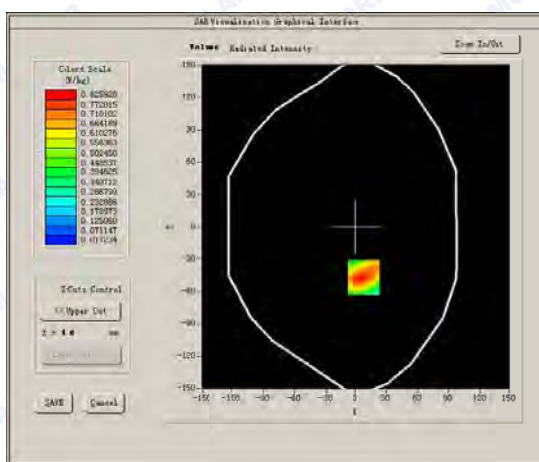
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 9262):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1852.400000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | 1.400000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



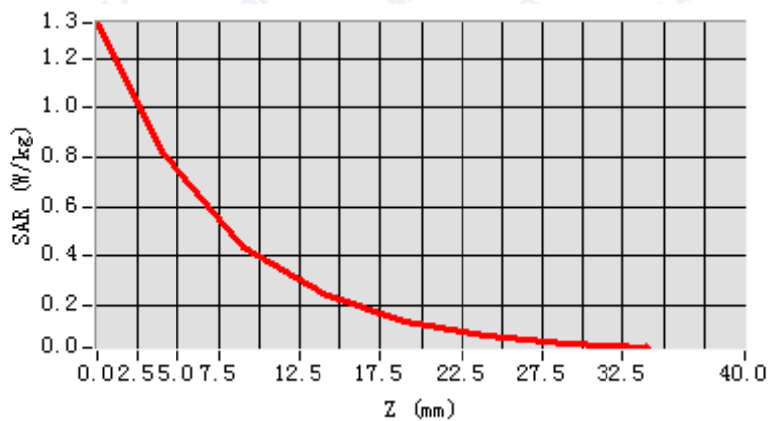
REPORT No. : SZ15080165S01

Maximum location: X=7.00, Y=-47.00

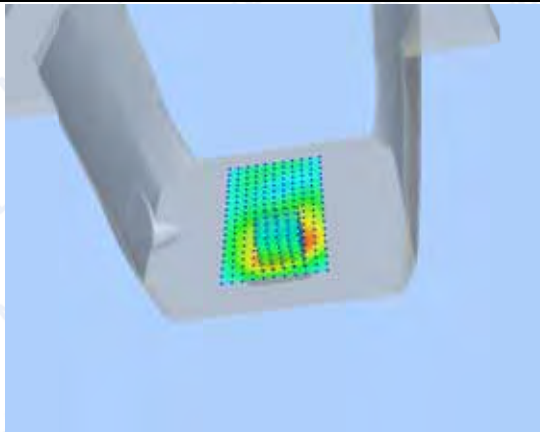
SAR Peak: 1.44 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.448080 |
| SAR 1g (W/Kg)  | 0.857086 |

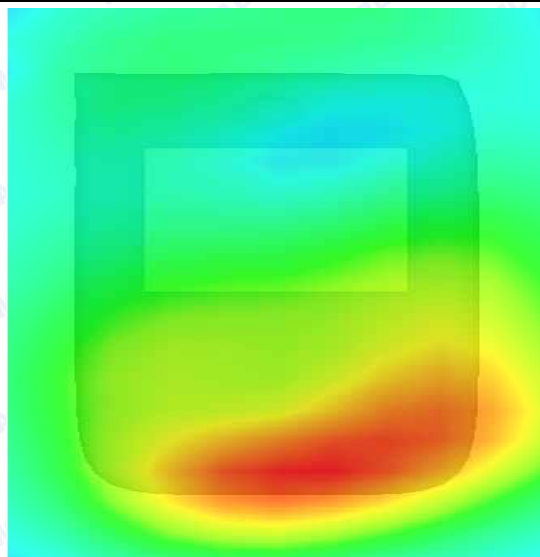
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 37**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 31 seconds

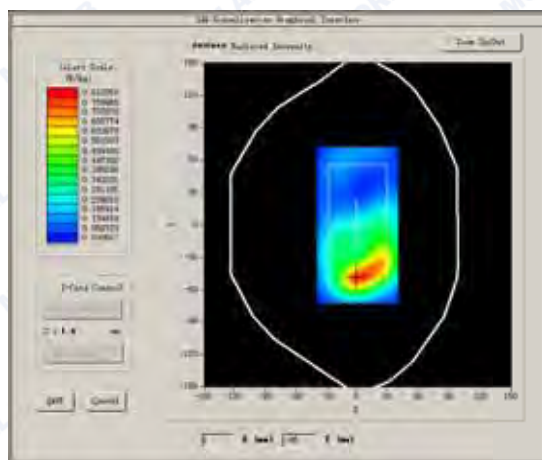
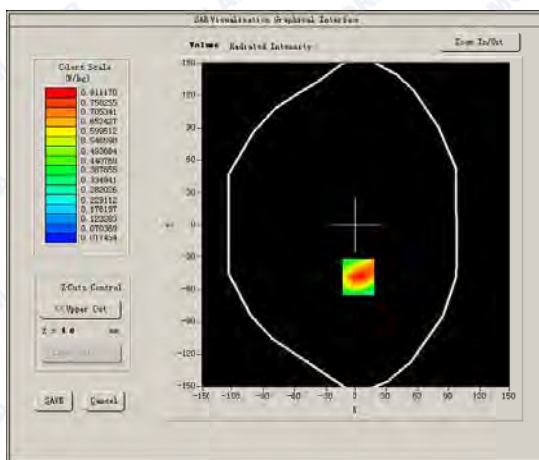
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1880.000000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | -2.140000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



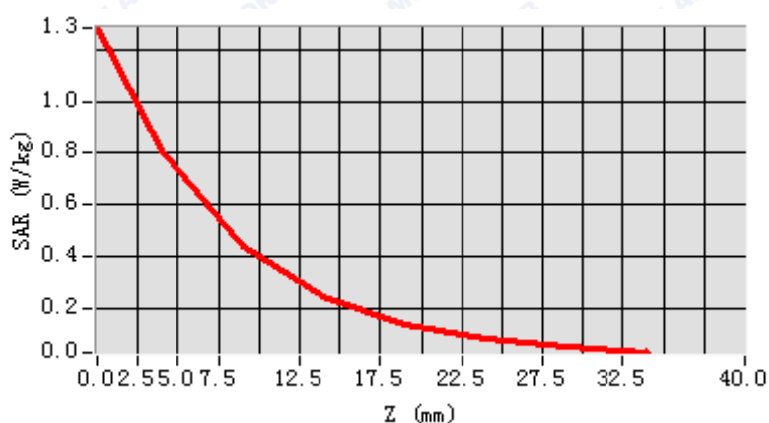
REPORT No. : SZ15080165S01

Maximum location: X=2.00, Y=-48.00

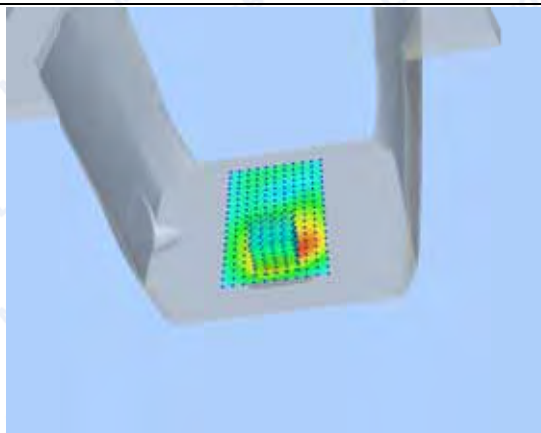
SAR Peak: 1.41 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.446869 |
| SAR 1g (W/Kg)  | 0.839419 |

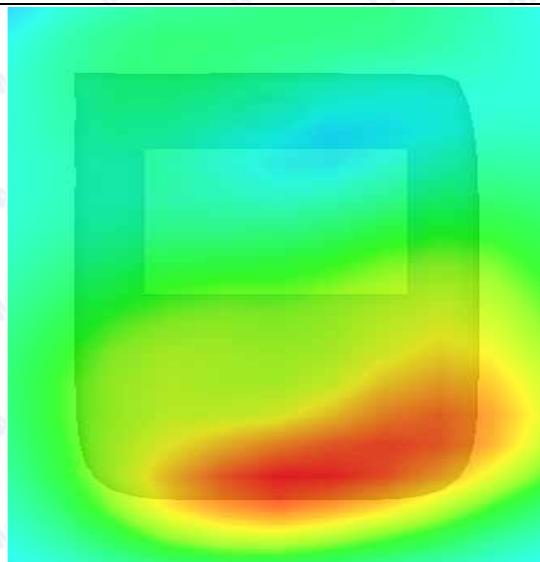
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 38**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 30 seconds

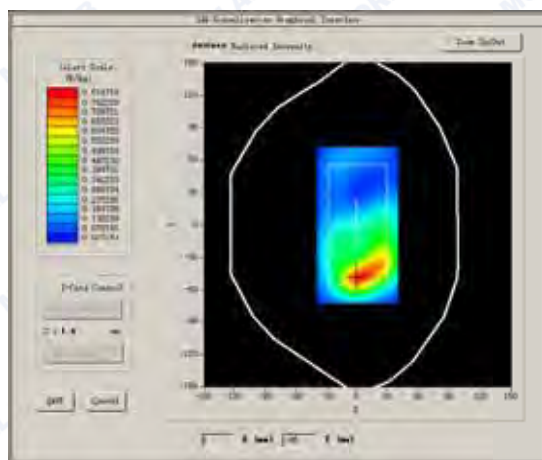
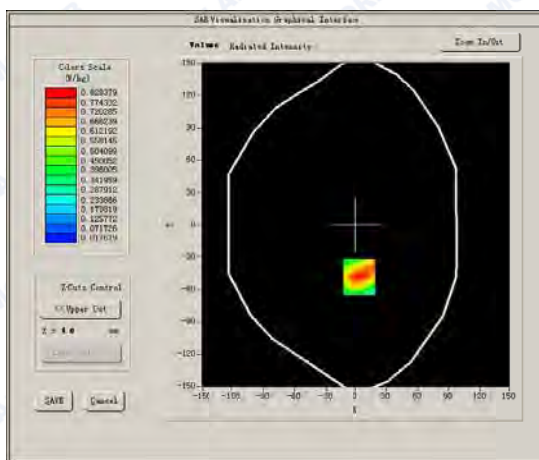
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 9538):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1907.600000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | 1.820000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



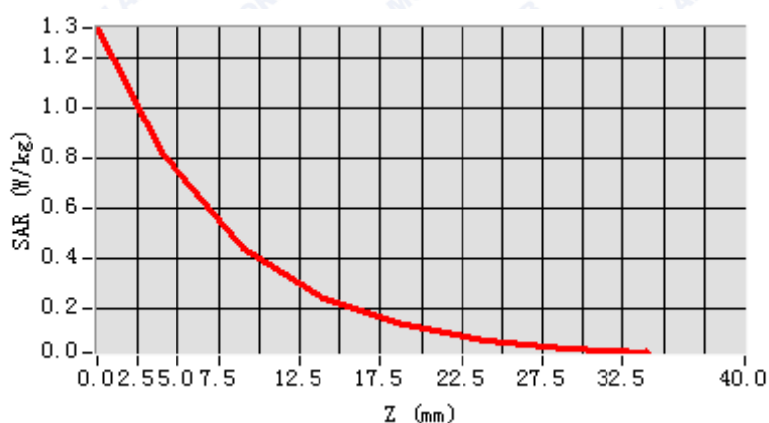
REPORT No. : SZ15080165S01

Maximum location: X=3.00, Y=-48.00

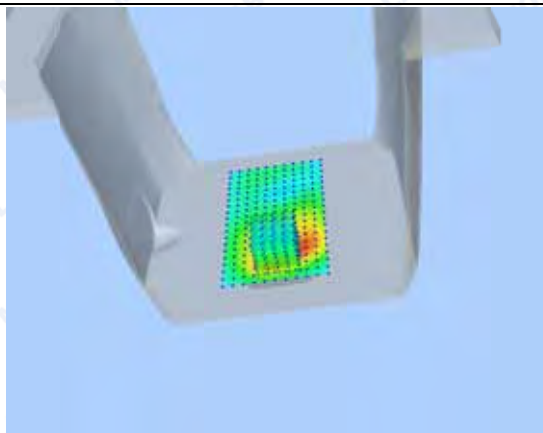
SAR Peak: 1.43 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.449813 |
| SAR 1g (W/Kg)  | 0.849678 |

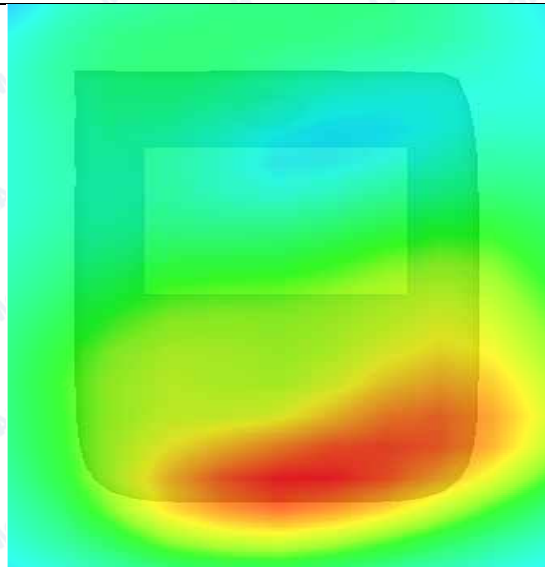
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 39**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 31 seconds

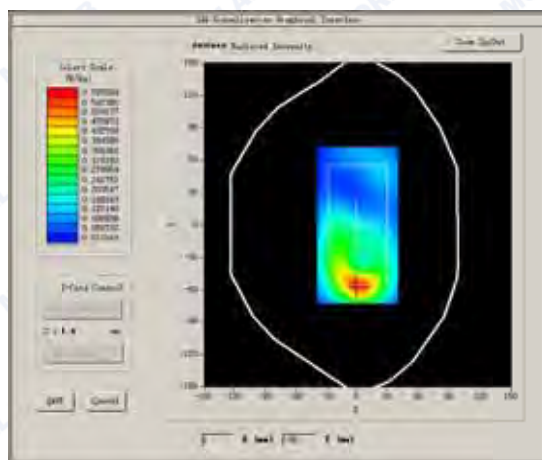
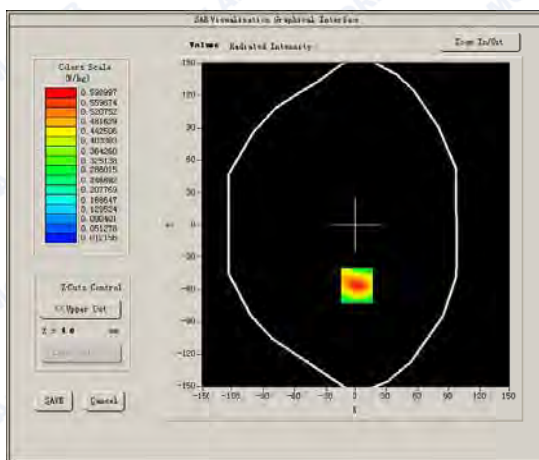
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1880.000000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | -2.140000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



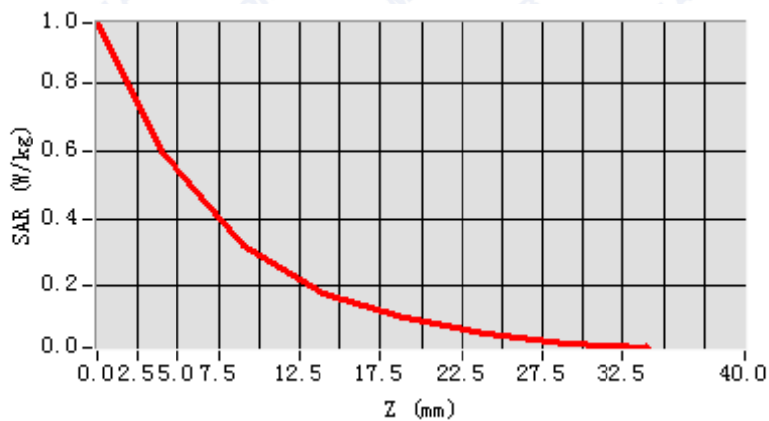
REPORT No. : SZ15080165S01

Maximum location: X=1.00, Y=-56.00

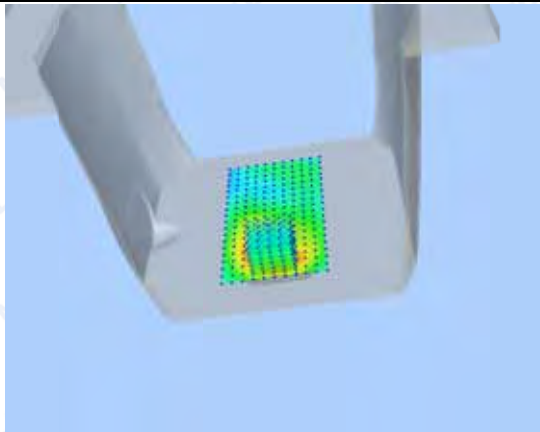
SAR Peak: 1.05 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.325939 |
| SAR 1g (W/Kg)  | 0.617464 |

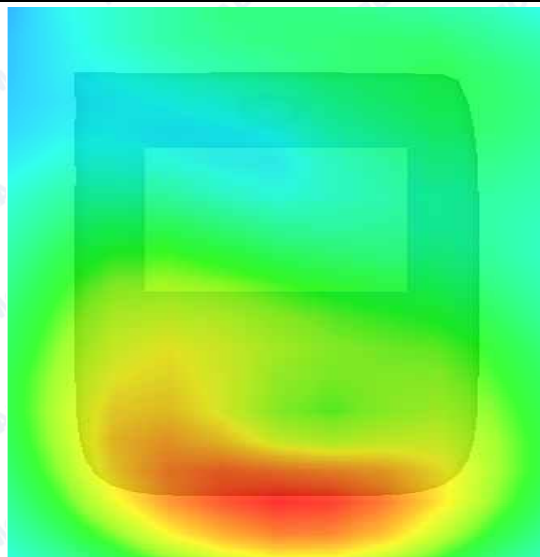
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 40**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 29 seconds

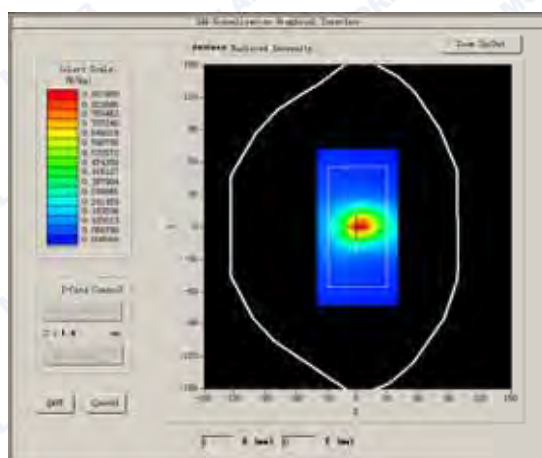
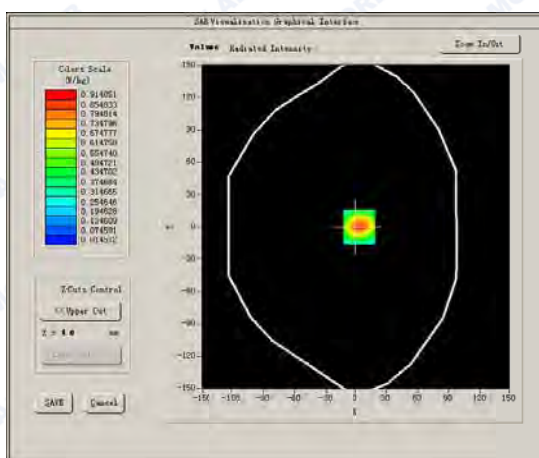
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 9262):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1852.400000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | 0.770000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



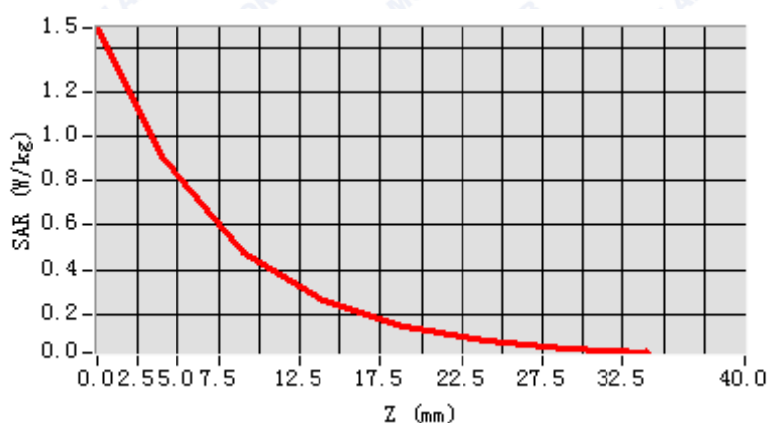
REPORT No. : SZ15080165S01

Maximum location: X=3.00, Y=0.00

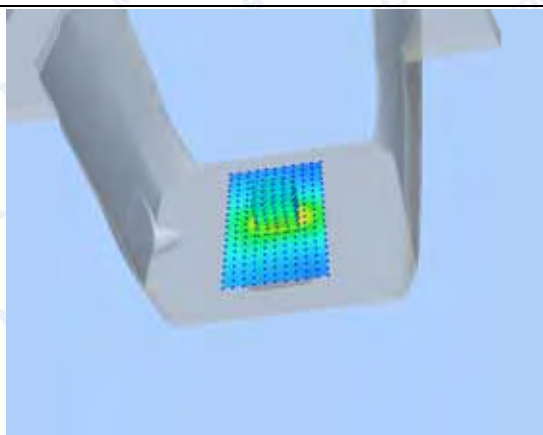
SAR Peak: 1.61 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.463705 |
| SAR 1g (W/Kg)  | 0.930573 |

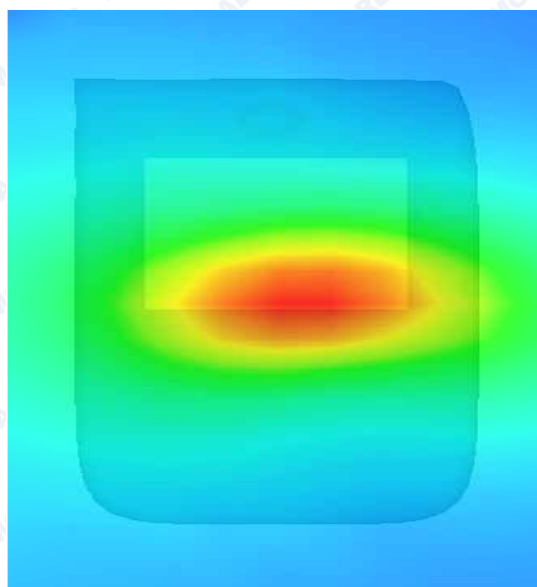
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 41**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 29 seconds

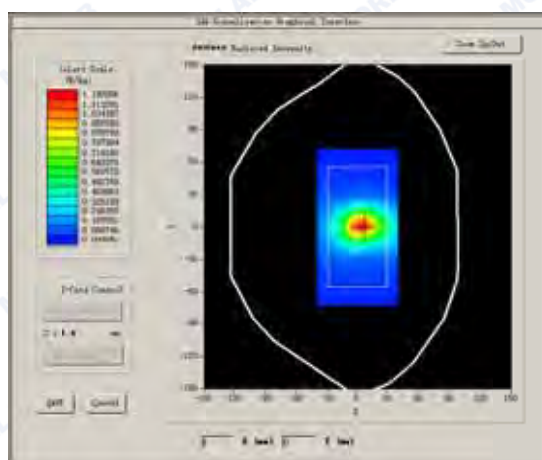
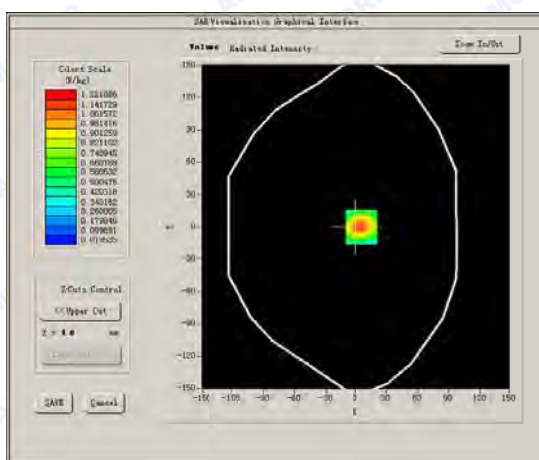
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1852.400000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | 0.770000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



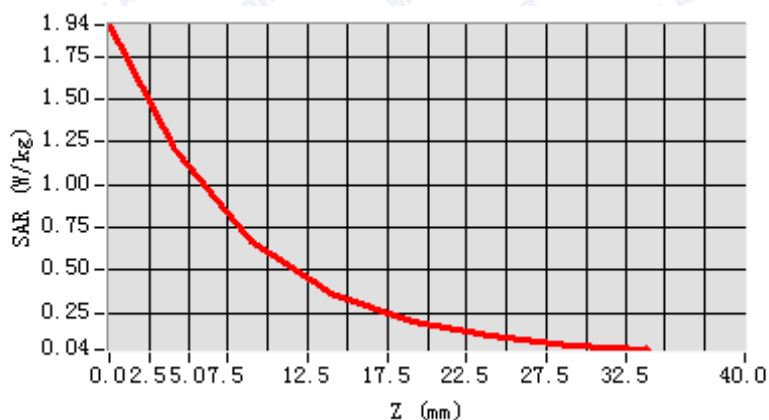
REPORT No. : SZ15080165S01

Maximum location: X=5.00, Y=0.00

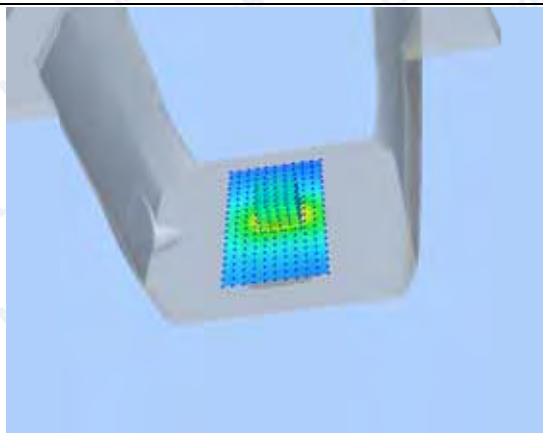
SAR Peak: 2.09 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.630080 |
| SAR 1g (W/Kg)  | 1.237251 |

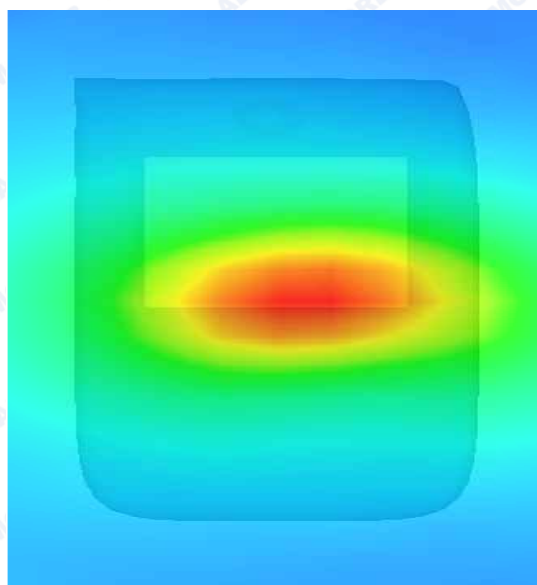
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 42**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 29 seconds

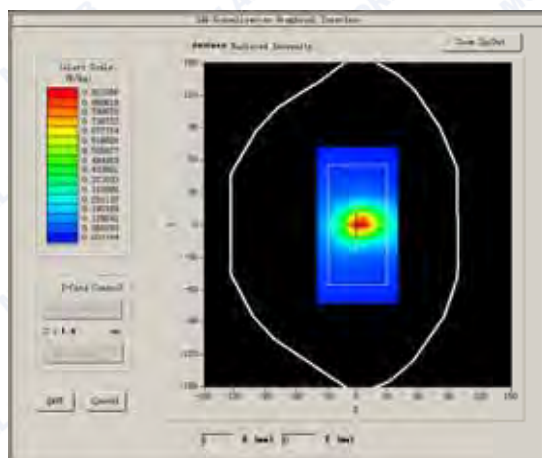
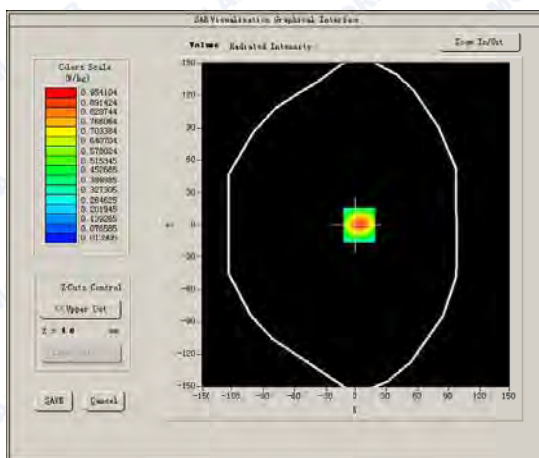
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 9538):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1852.400000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | 0.770000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



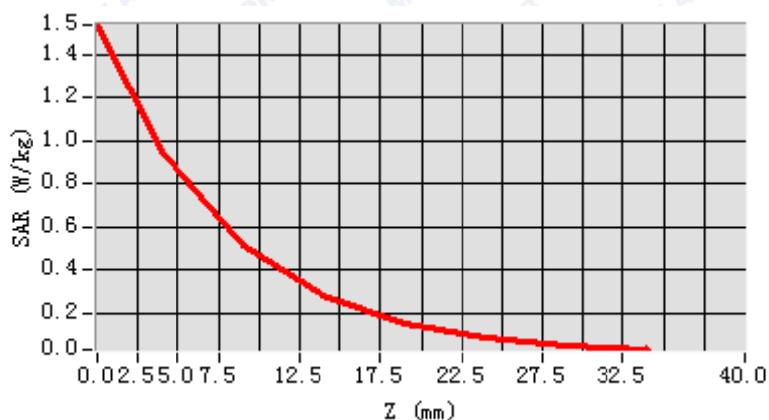
REPORT No. : SZ15080165S01

Maximum location: X=3.00, Y=0.00

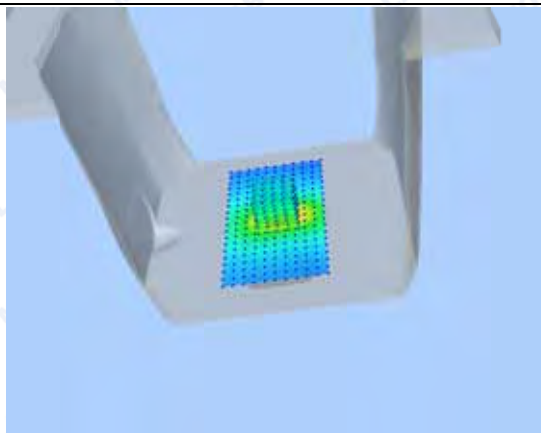
SAR Peak: 1.66 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.486693 |
| SAR 1g (W/Kg)  | 0.969009 |

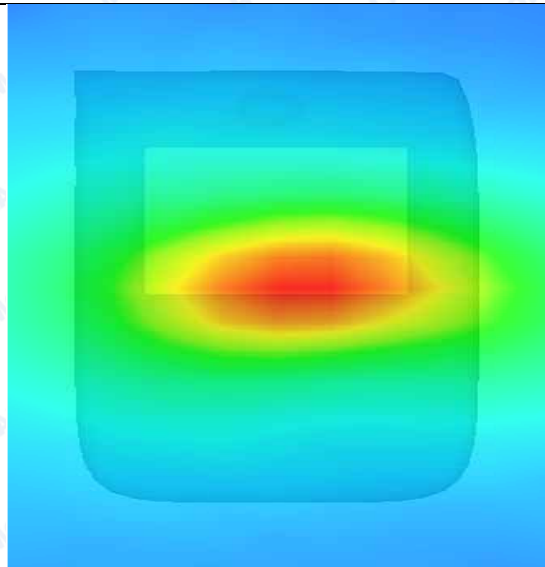
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 43**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 29 seconds

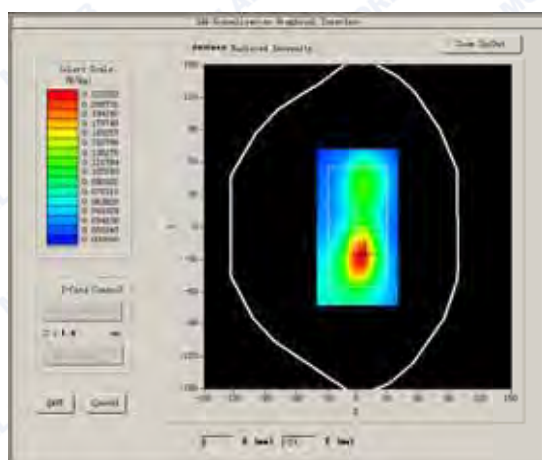
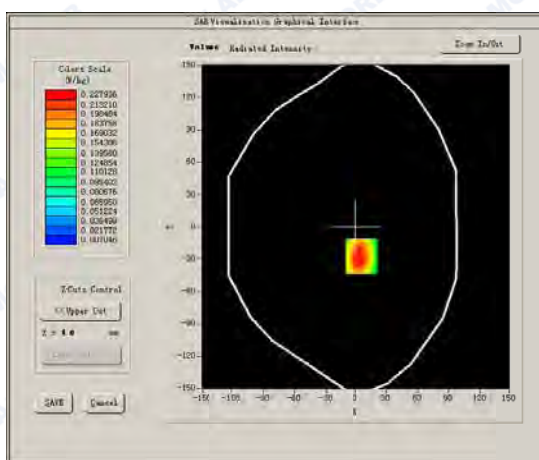
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1852.400000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | 0.770000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



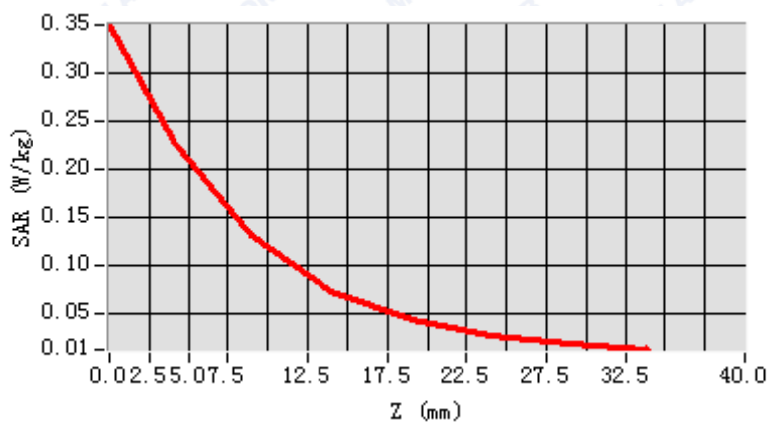
REPORT No. : SZ15080165S01

Maximum location: X=5.00, Y=-27.00

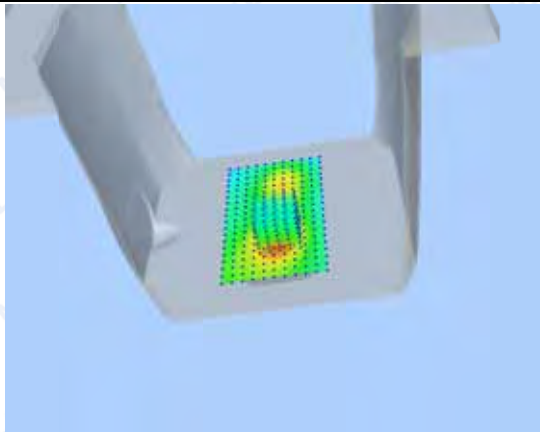
SAR Peak: 0.40 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.132062 |
| SAR 1g (W/Kg)  | 0.240509 |

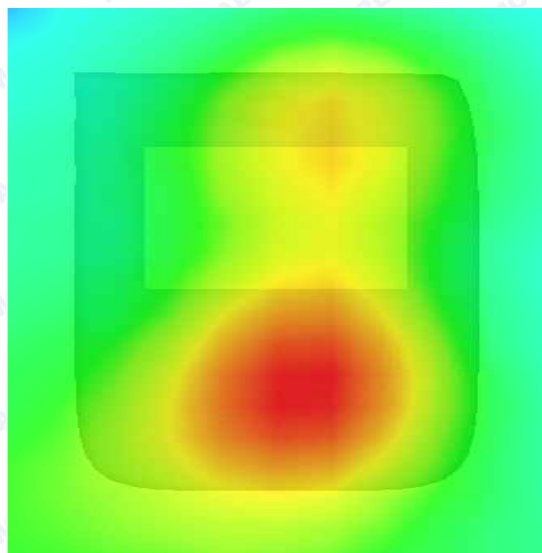
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 44**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 9 minutes 29 seconds

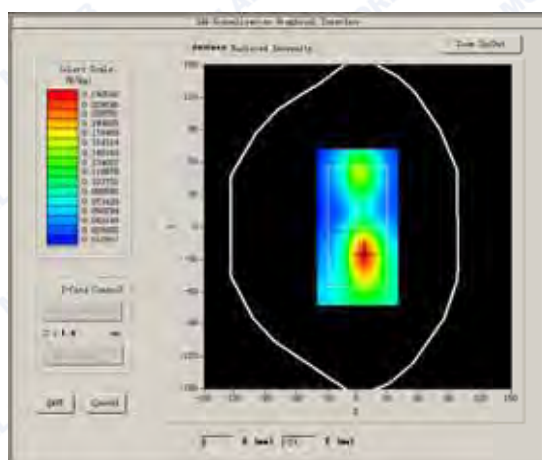
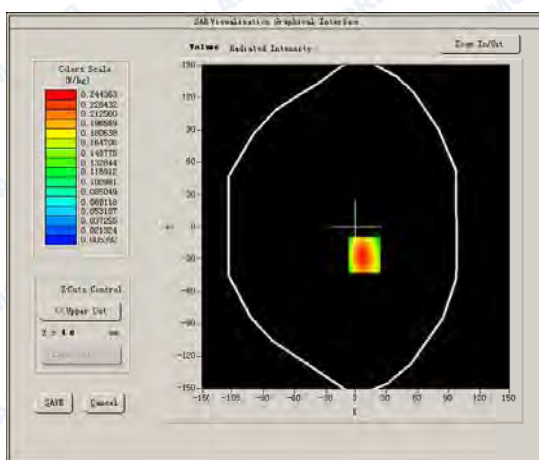
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1852.400000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift (%)                   | 0.770000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 6.17        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



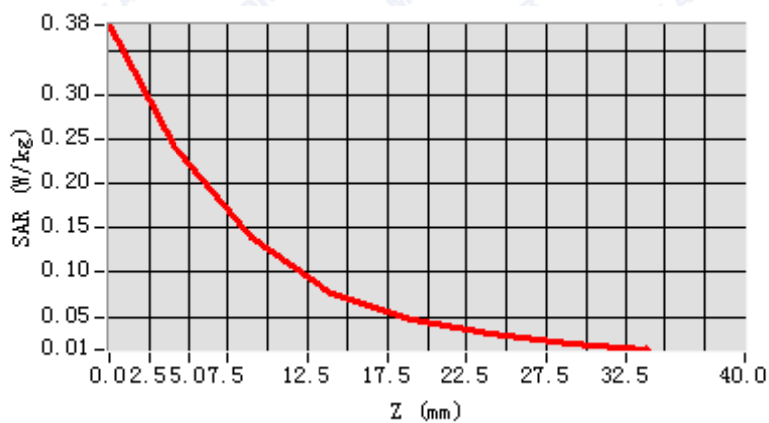
REPORT No. : SZ15080165S01

Maximum location: X=8.00, Y=-26.00

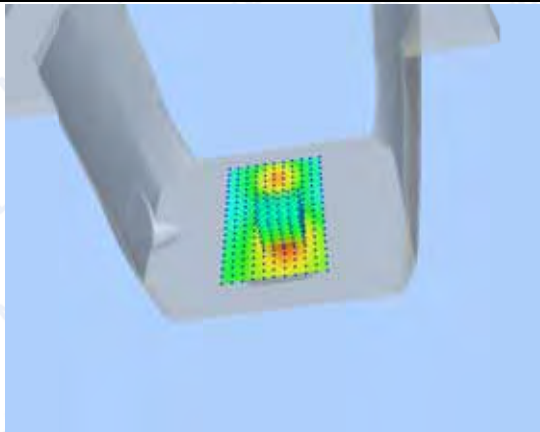
SAR Peak: 0.41 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.141639 |
| SAR 1g (W/Kg)  | 0.252961 |

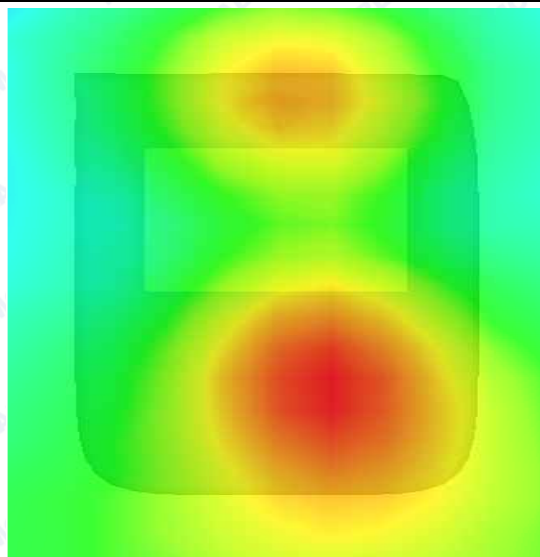
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 45**

Type: Phone measurement (Complete)

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

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

Date of measurement:2015.09.03

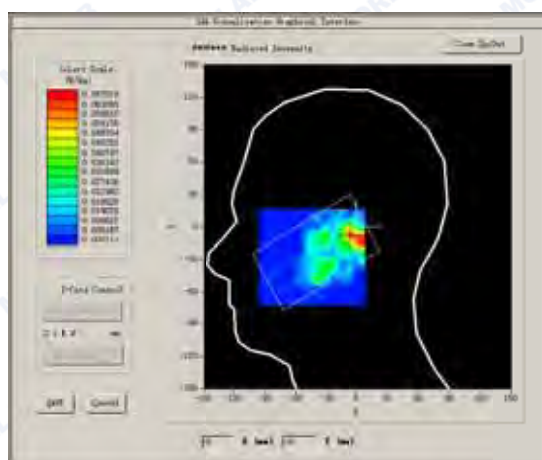
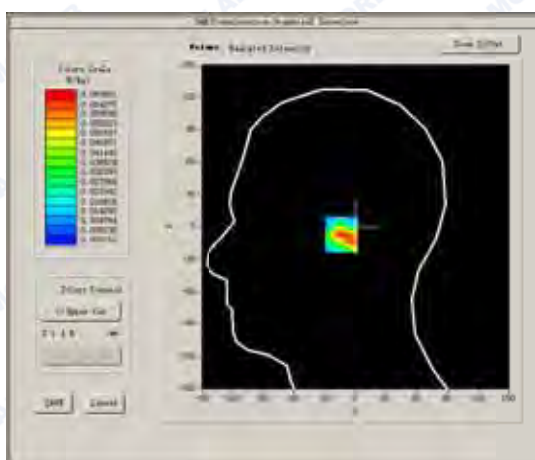
Measurement duration: 7 minutes 50 seconds

**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Right head        |
| Device Position | Cheek             |
| Band            | Bluetooth         |
| Channels        | Low               |
| Signal          | GFSK              |

**B. SAR Measurement Results****Low Band SAR (Channel 0)**

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 2402.000000 |
| Relative permittivity (real part) | 39.281502   |
| Conductivity (S/m)                | 1.782044    |
| Power drift (%)                   | 0.080000    |
| Ambient Temperature:              | 22.3°C      |
| Liquid Temperature:               | 21.5°C      |
| ConvF:                            | 4.80        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



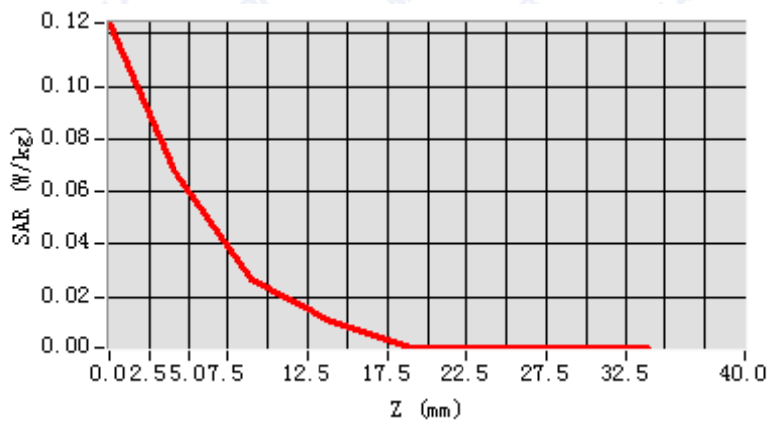
REPORT No. : SZ15080165S01

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

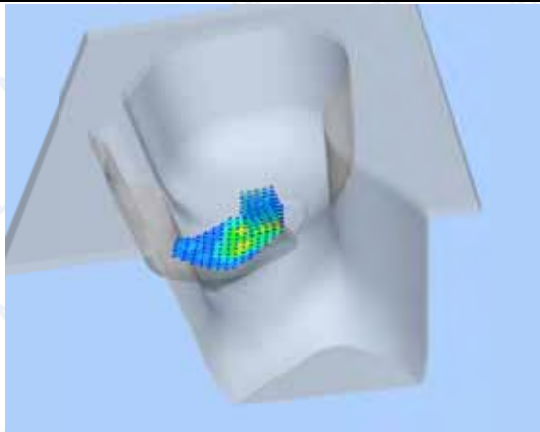
SAR Peak: 0.19 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.025332 |
| SAR 1g (W/Kg)  | 0.067323 |

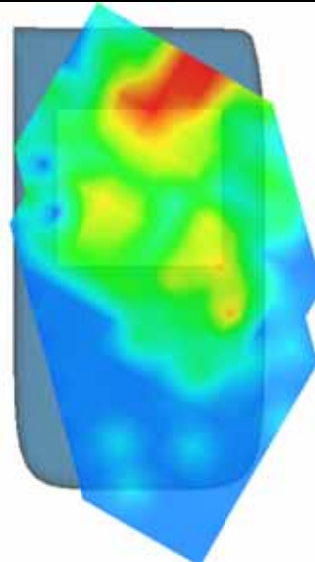
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 47**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

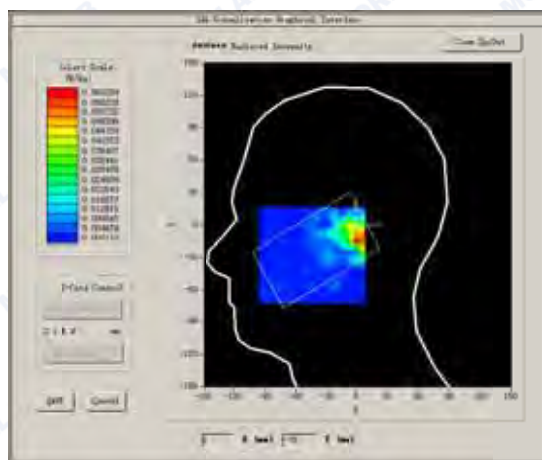
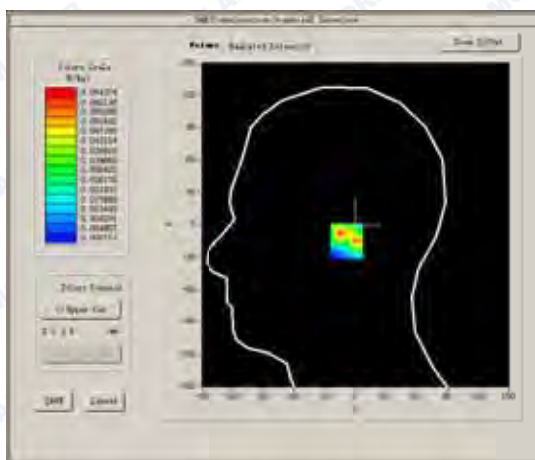
Measurement duration: 7 minutes 52 seconds

**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Right head        |
| Device Position | Tilt              |
| Band            | Bluetooth         |
| Channels        | Low               |
| Signal          | GFSK              |

**B. SAR Measurement Results****Low Band SAR (Channel 0)**

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 2402.000000 |
| Relative permittivity (real part) | 39.281502   |
| Conductivity (S/m)                | 1.782044    |
| Power drift (%)                   | -1.870000   |
| Ambient Temperature:              | 22.3°C      |
| Liquid Temperature:               | 21.5°C      |
| ConvF:                            | 4.80        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



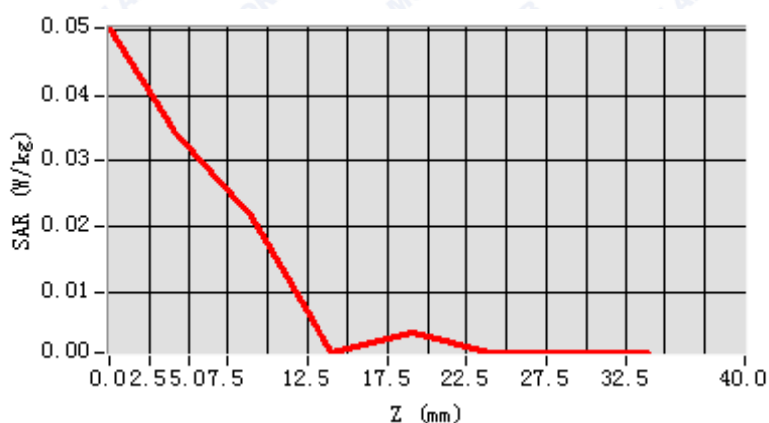
REPORT No. : SZ15080165S01

Maximum location: X=0.00, Y=-15.00

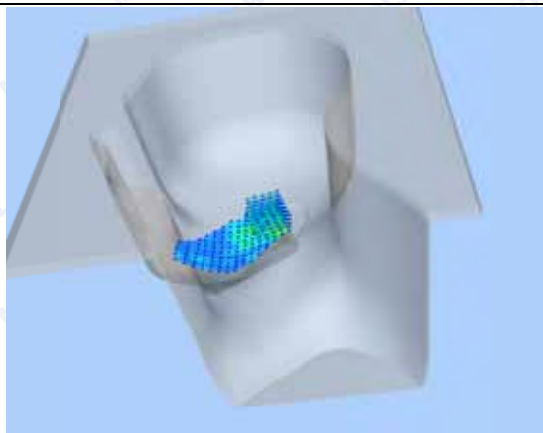
SAR Peak: 0.16 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.019930 |
| SAR 1g (W/Kg)  | 0.031555 |

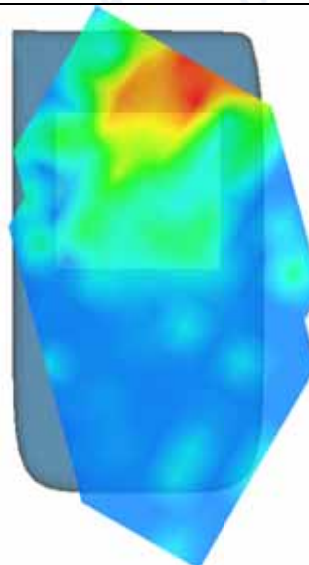
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 48**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.09.03

Measurement duration: 7 minutes 38 seconds

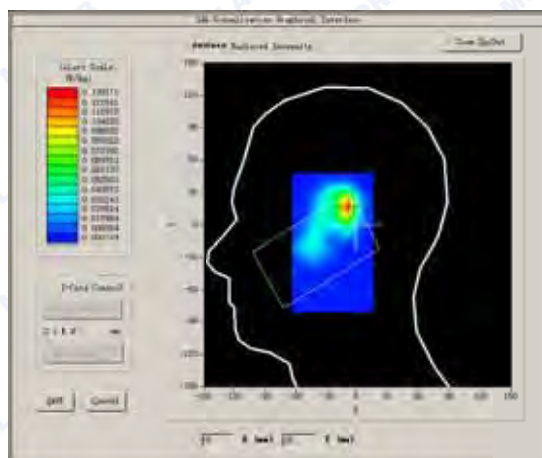
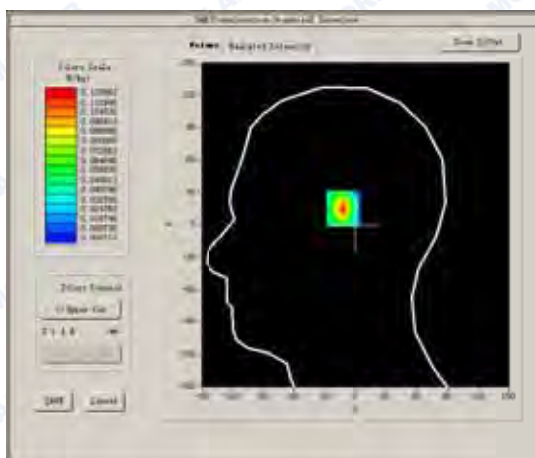
**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Left head         |
| Device Position | Cheek             |
| Band            | Bluetooth         |
| Channels        | Low               |
| Signal          | GFSK              |

**B. SAR Measurement Results**

Low Band SAR (Channel 0)

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 2402.000000 |
| Relative permittivity (real part) | 39.281502   |
| Conductivity (S/m)                | 1.782044    |
| Power drift (%)                   | -0.310000   |
| Ambient Temperature:              | 22.3°C      |
| Liquid Temperature:               | 21.5°C      |
| ConvF:                            | 4.80        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



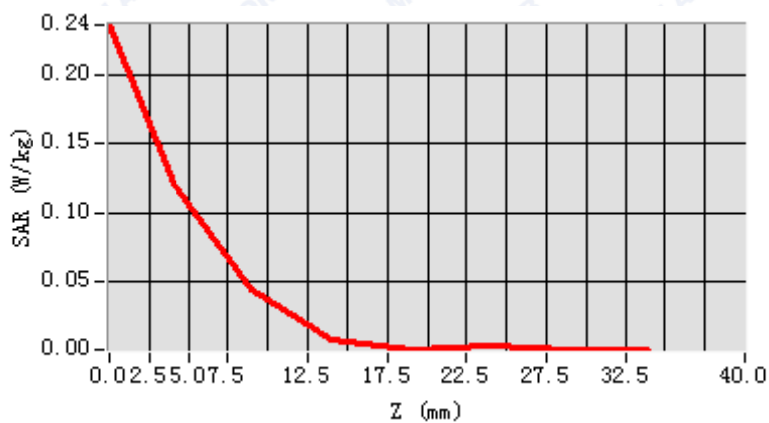
REPORT No. : SZ15080165S01

Maximum location: X=-9.00, Y=16.00

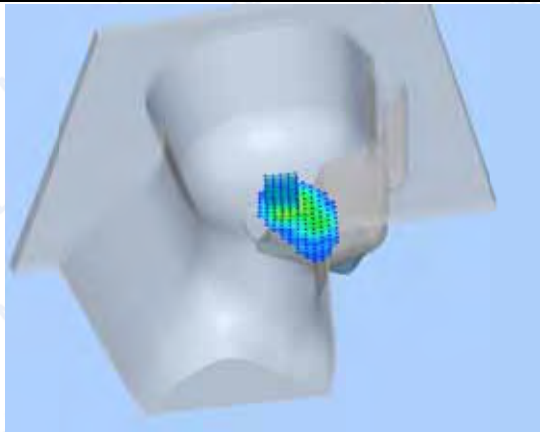
SAR Peak: 0.24 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.020297 |
| SAR 1g (W/Kg)  | 0.055604 |

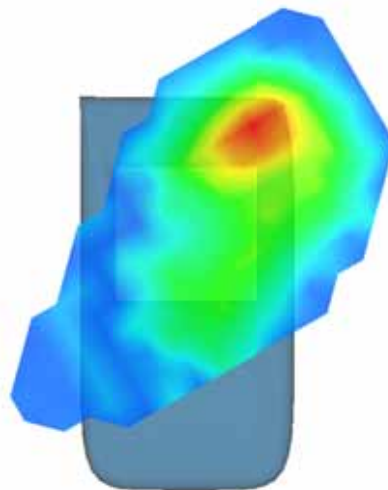
Z axis scan



**3D screen shot**



**Hot spot position**



**MEASUREMENT 49**

Type: Phone measurement (Complete)

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

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

Date of measurement:2015.09.03

Measurement duration: 7 minutes 33 seconds

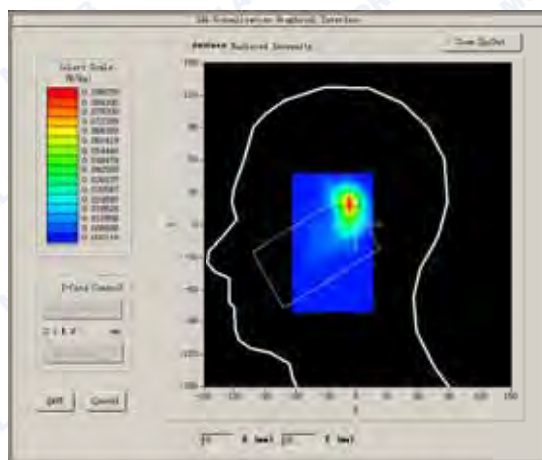
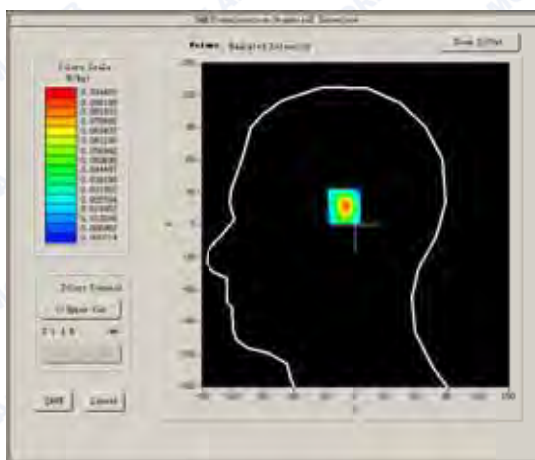
**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Left head         |
| Device Position | Tilt              |
| Band            | Bluetooth         |
| Channels        | Low               |
| Signal          | GFSK              |

**B. SAR Measurement Results**

High Band SAR (Channel 0)

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 2402.000000 |
| Relative permittivity (real part) | 39.281502   |
| Conductivity (S/m)                | 1.782044    |
| Power drift (%)                   | 3.860000    |
| Ambient Temperature:              | 22.3°C      |
| Liquid Temperature:               | 21.5°C      |
| ConvF:                            | 4.80        |
| Crest factor:                     | 1:1         |

**SURFACE SAR****VOLUME SAR**



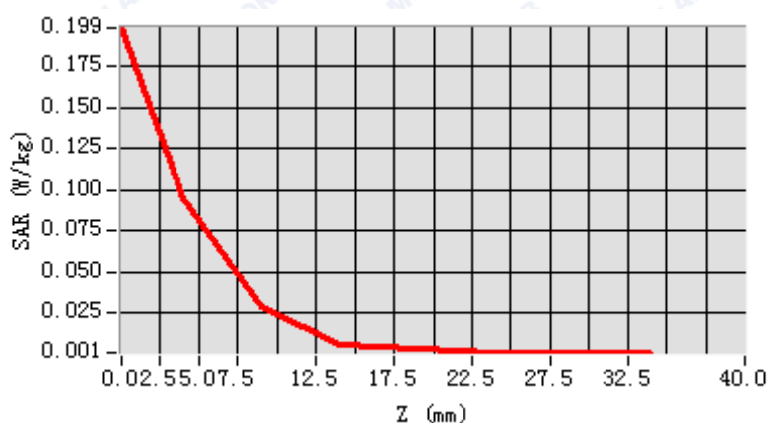
REPORT No. : SZ15080165S01

Maximum location: X=-8.00, Y=19.00

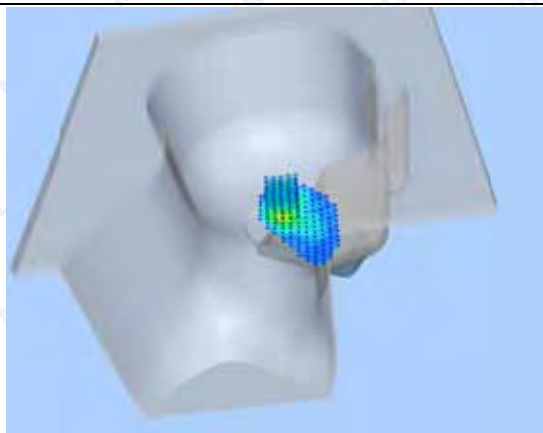
SAR Peak: 0.19 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.011055 |
| SAR 1g (W/Kg)  | 0.024566 |

Z axis scan



**3D screen shot**



**Hot spot position**

