

**MEASUREMENT 1**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.22

Measurement duration: 9 minutes 13 second

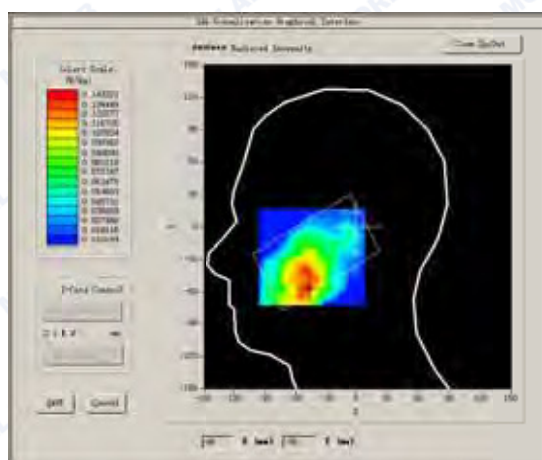
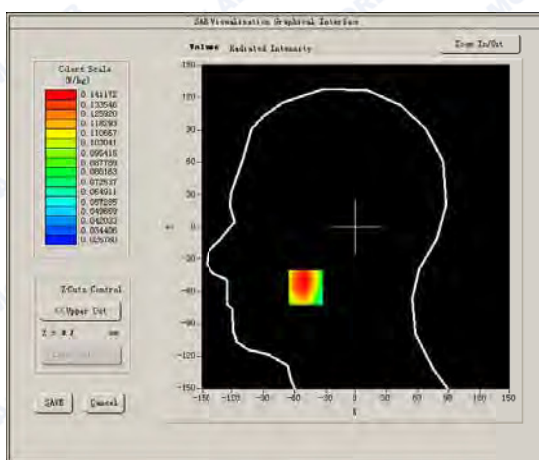
**A. Experimental conditions.**

|                 |                               |
|-----------------|-------------------------------|
| 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:                            | 5.74       |
| Crest factor:                     | 1:8        |

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



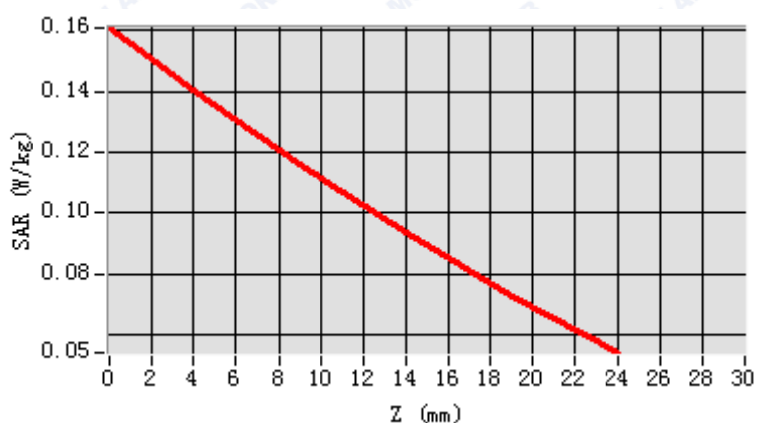
REPORT No. : SZ16030142S01

Maximum location: X=-49.00, Y=-56.00

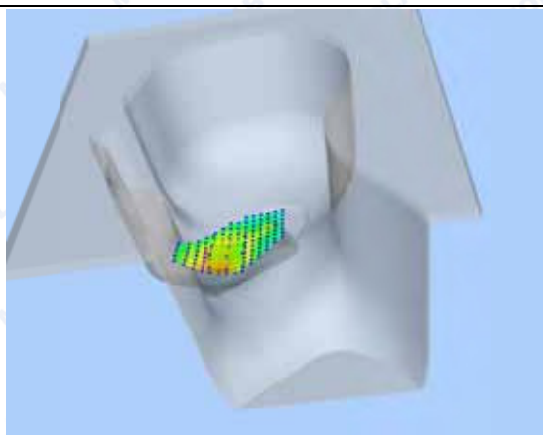
SAR Peak: 0.17 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.107381 |
| SAR 1g (W/Kg)  | 0.140132 |

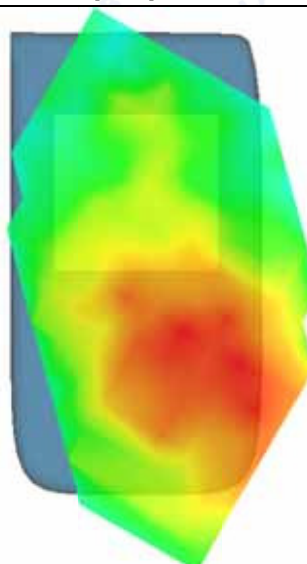
**Z axis scan**



**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: 2016.04.22

Measurement duration: 9 minutes 37 seconds

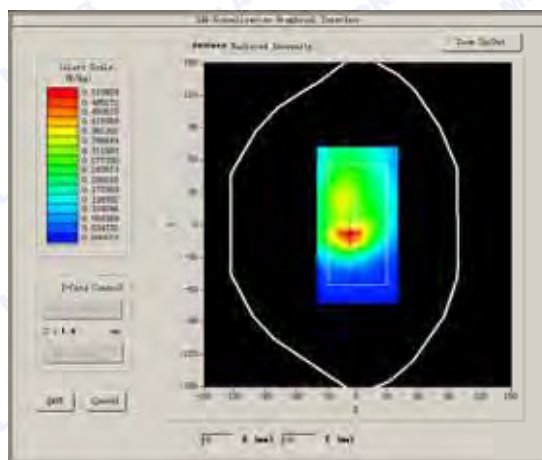
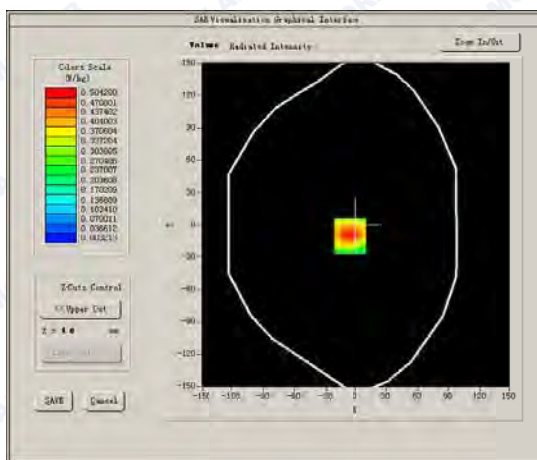
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 836.400024 |
| Relative permittivity (real part) | 55.690245  |
| Conductivity (S/m)                | 0.973542   |
| Power drift(%)                    | -2.170000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 5.93       |
| Crest factor:                     | 1.4        |

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





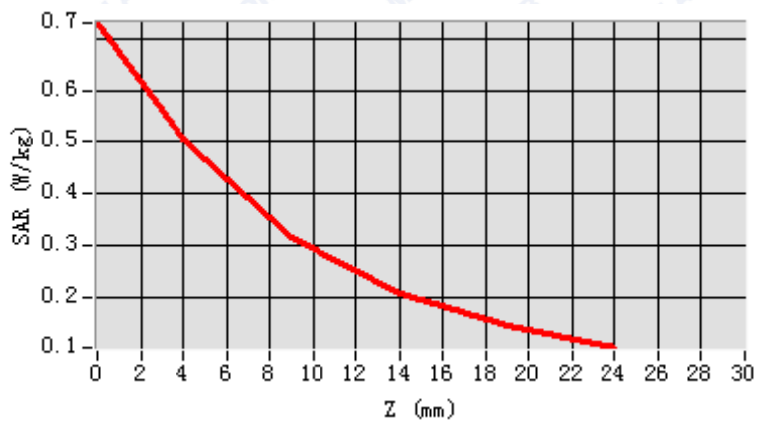
REPORT No. : SZ16030142S01

Maximum location: X=-6.00, Y=-10.00

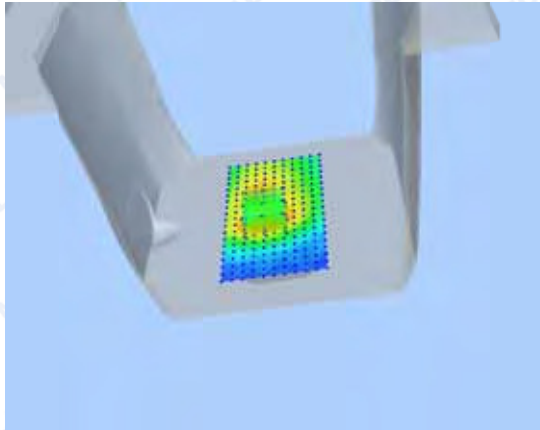
SAR Peak: 0.73 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.291860 |
| SAR 1g (W/Kg)  | 0.482774 |

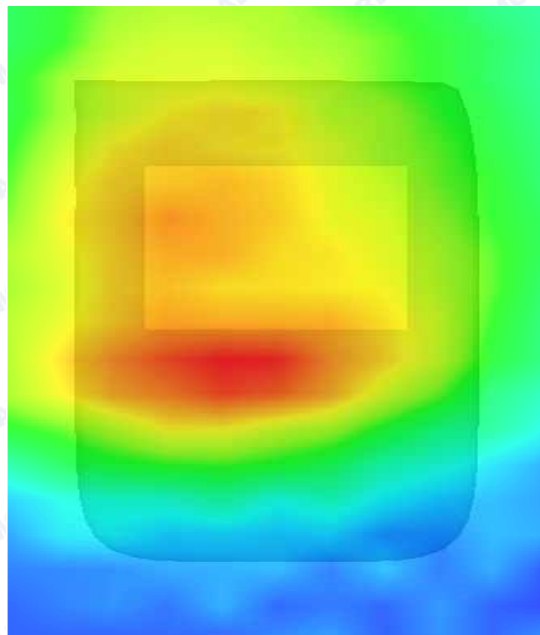
**Z axis scan**



**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: 2016.04.22

Measurement duration: 9 minutes 33 seconds

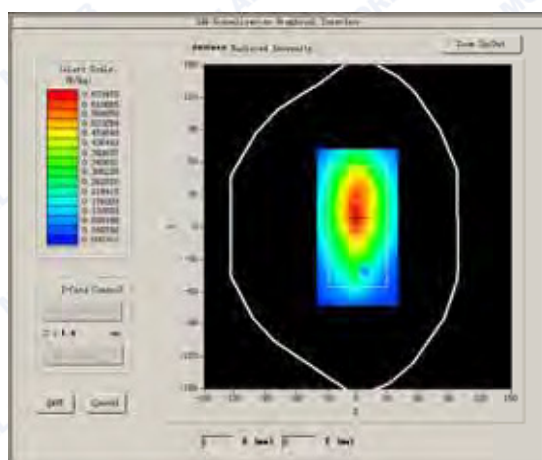
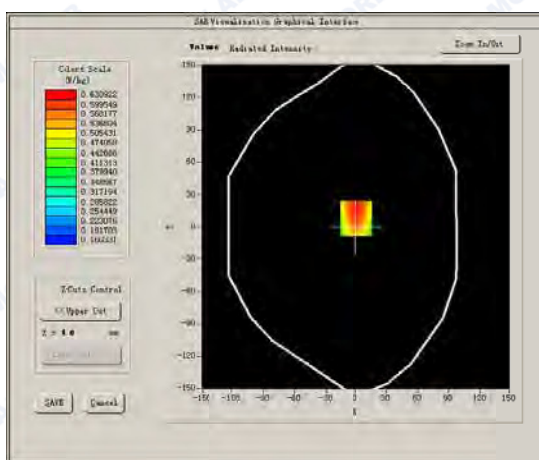
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 836.400024 |
| Relative permittivity (real part) | 55.690245  |
| Conductivity (S/m)                | 0.973542   |
| Power drift(%)                    | -2.170000  |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 5.93       |
| Crest factor:                     | 1.4        |

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



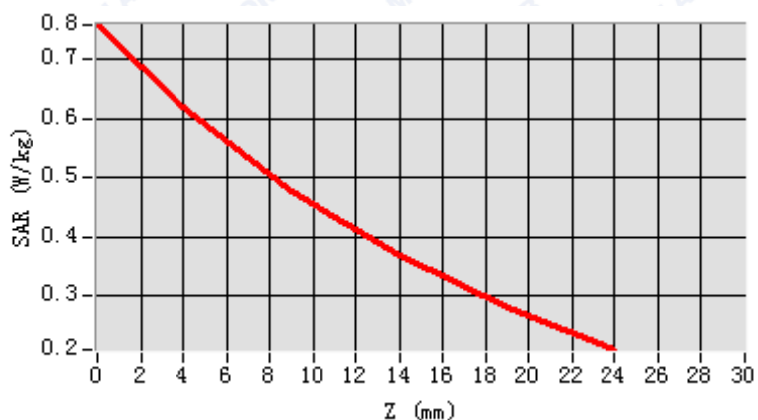
REPORT No. : SZ16030142S01

Maximum location: X=0.00, Y=8.00

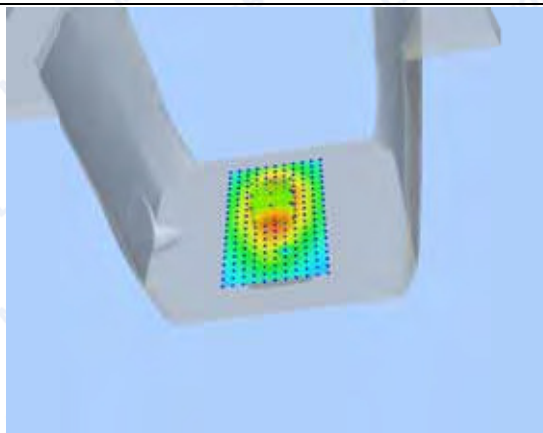
SAR Peak: 0.78 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.442509 |
| SAR 1g (W/Kg)  | 0.615647 |

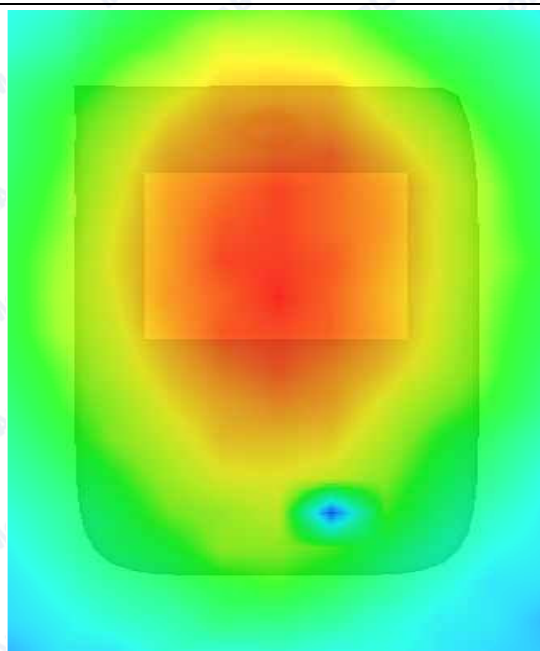
**Z axis scan**



**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: 2016.04.23

Measurement duration: 9 minutes 32 seconds

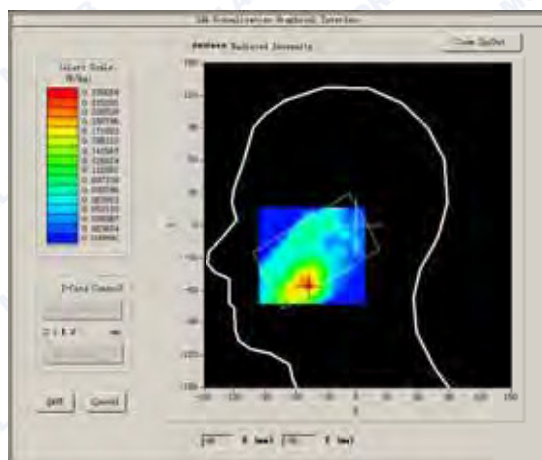
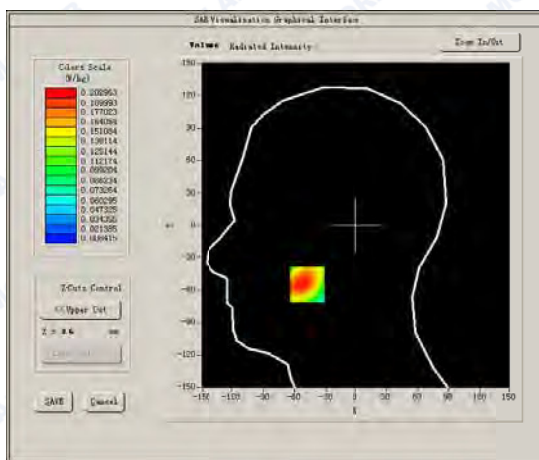
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 810):

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

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



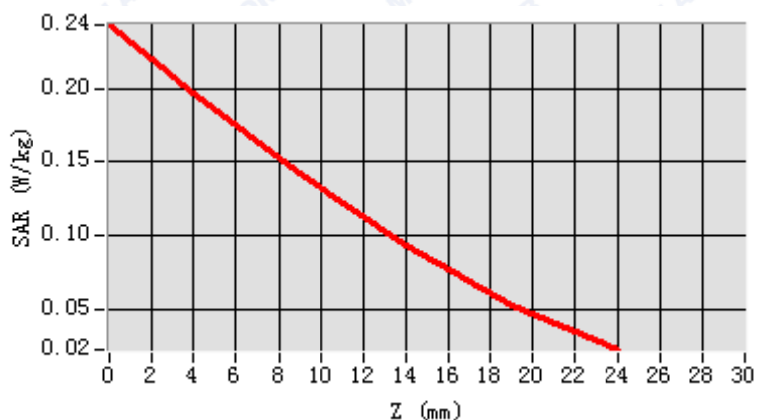
REPORT No. : SZ16030142S01

Maximum location: X=-48.00, Y=-55.00

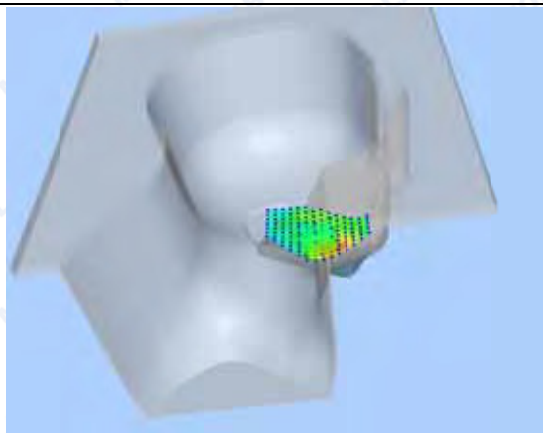
SAR Peak: 0.30 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.119706 |
| SAR 1g (W/Kg)  | 0.196986 |

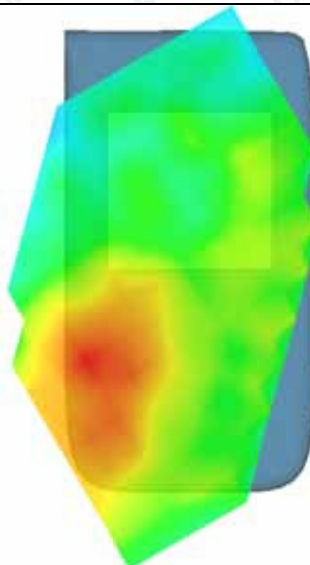
**Z axis scan**



**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: 2016.04.23

Measurement duration: 9 minutes 31 seconds

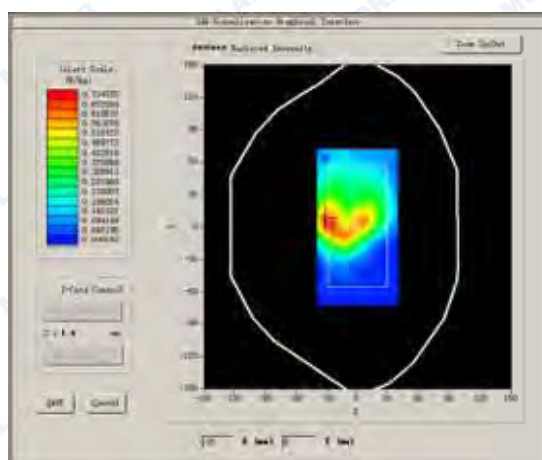
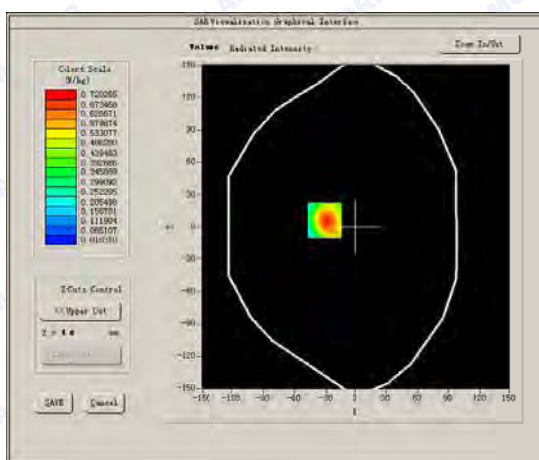
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 810):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1909.800000 |
| Relative permittivity (real part) | 53.103824   |
| Conductivity (S/m)                | 1.534291    |
| Power drift(%)                    | -2.530000   |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 5.53        |
| Crest factor:                     | 1:4         |

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



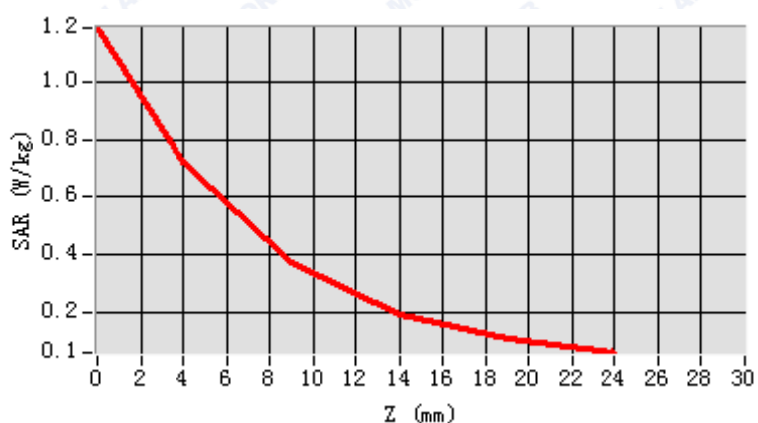
REPORT No. : SZ16030142S01

Maximum location: X=-31.00, Y=6.00

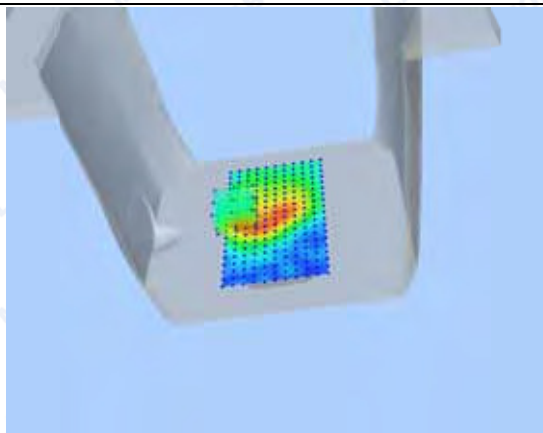
SAR Peak: 1.20 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.363931 |
| SAR 1g (W/Kg)  | 0.695300 |

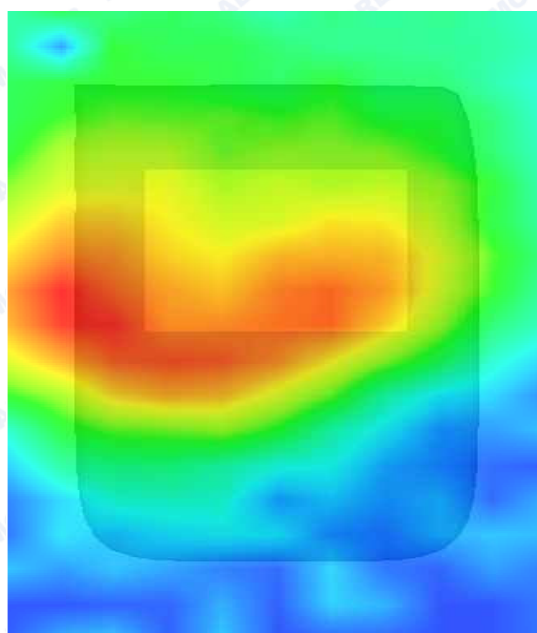
**Z axis scan**



**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: 2016.04.22

Measurement duration: 9 minutes 18 seconds

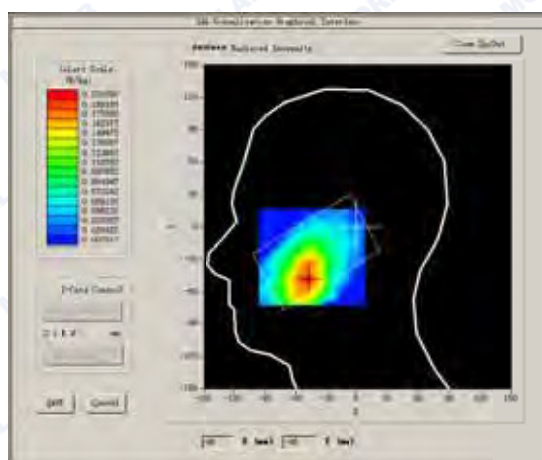
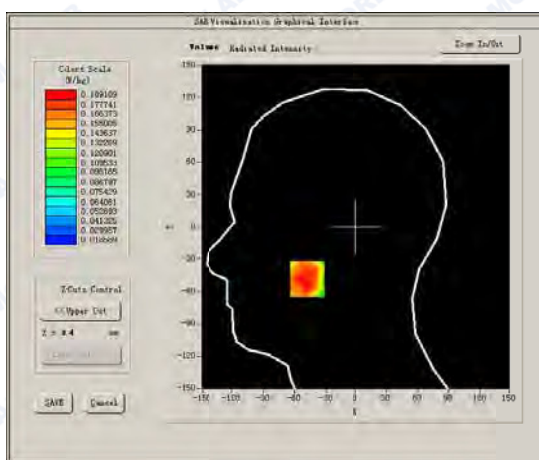
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 4233):

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

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





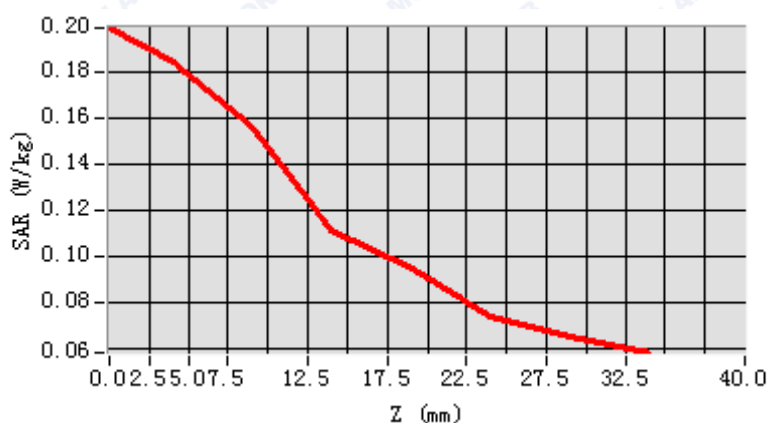
REPORT No. : SZ16030142S01

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

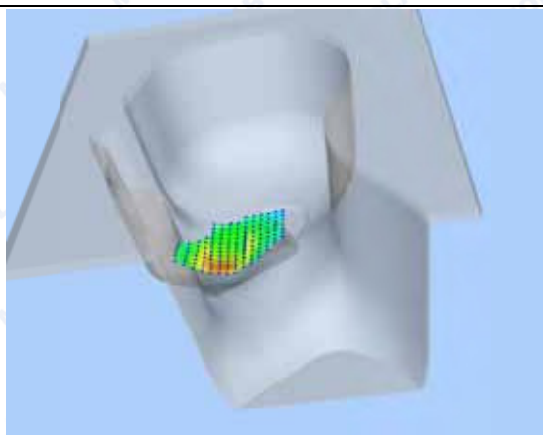
SAR Peak: 0.27 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.136774 |
| SAR 1g (W/Kg)  | 0.187850 |

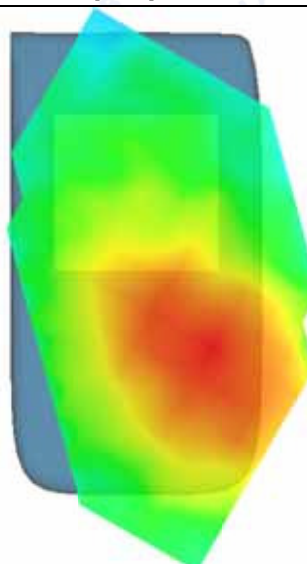
**Z axis scan**



**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: 2016.04.22

Measurement duration: 9 minutes 28 seconds

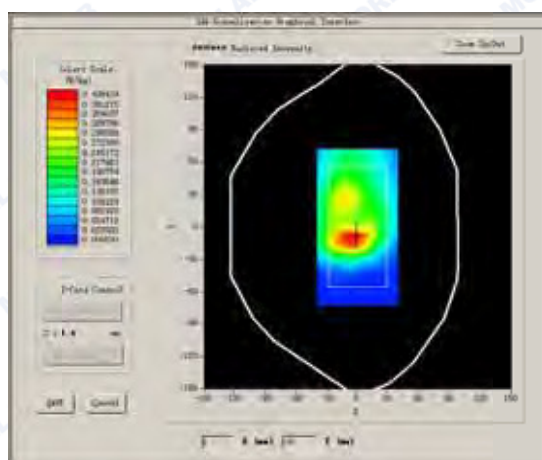
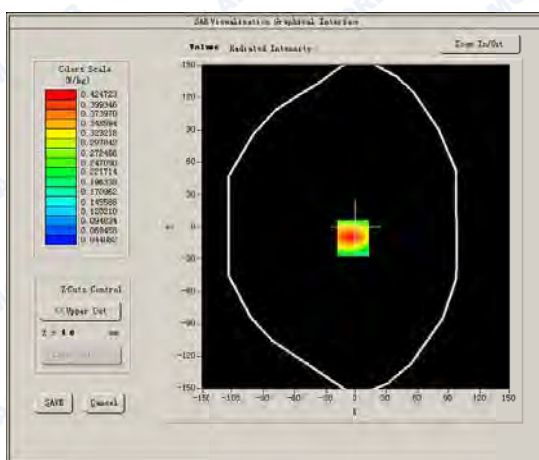
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 4233):

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

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



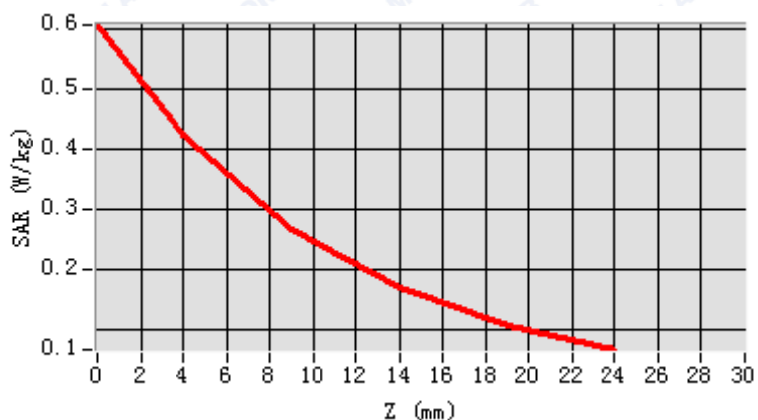
REPORT No. : SZ16030142S01

Maximum location: X=-3.00, Y=-10.00

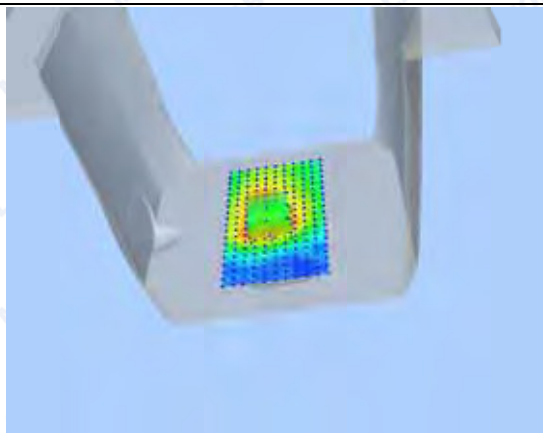
SAR Peak: 0.66 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.257013 |
| SAR 1g (W/Kg)  | 0.431212 |

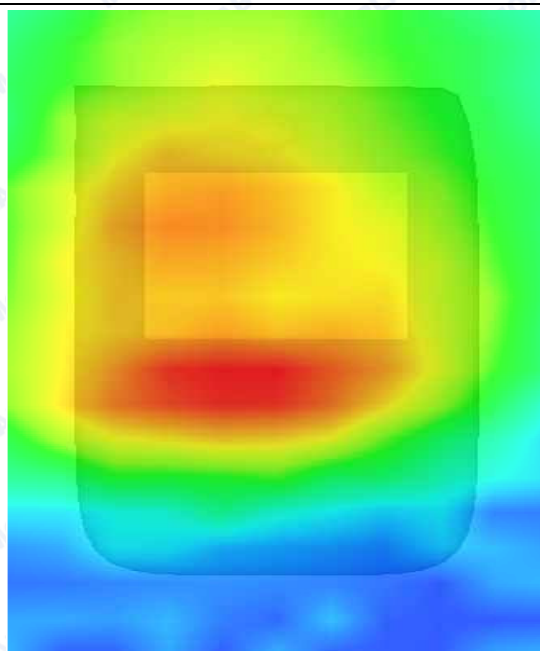
**Z axis scan**



**3D screen shot**



**Hot spot position**





**MEASUREMENT 8**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.22

Measurement duration: 9 minutes 32 seconds

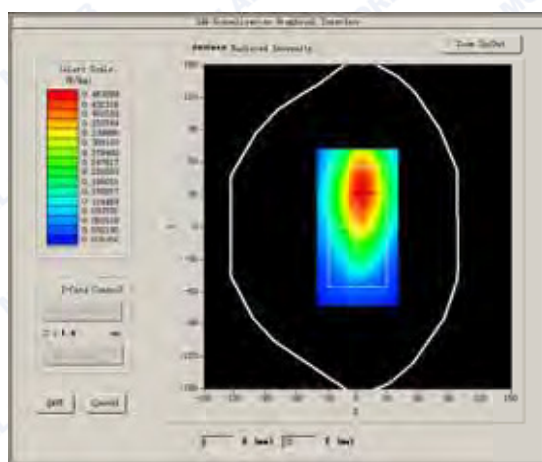
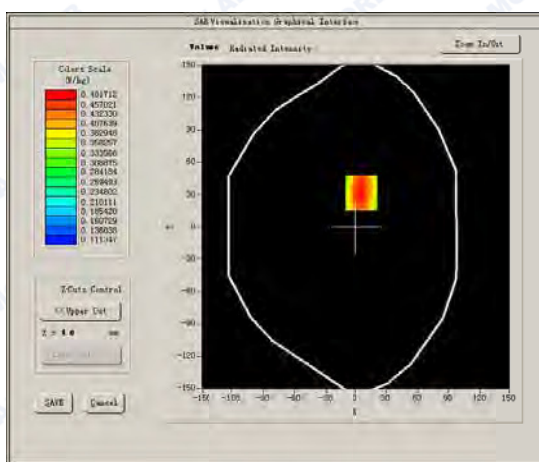
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 4233):

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

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



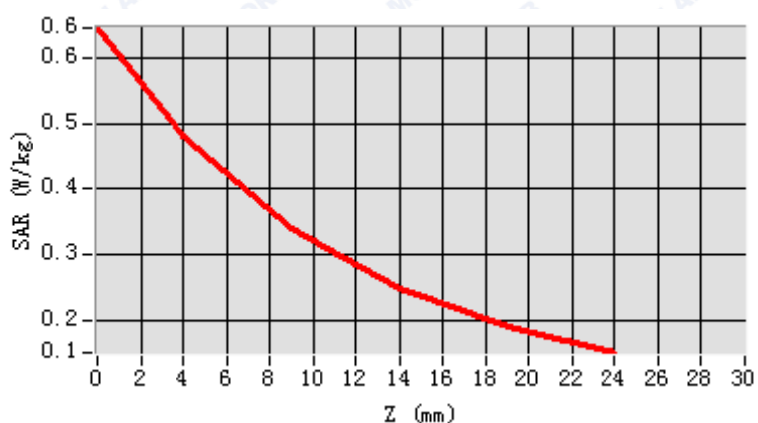
REPORT No. : SZ16030142S01

Maximum location: X=5.00, Y=32.00

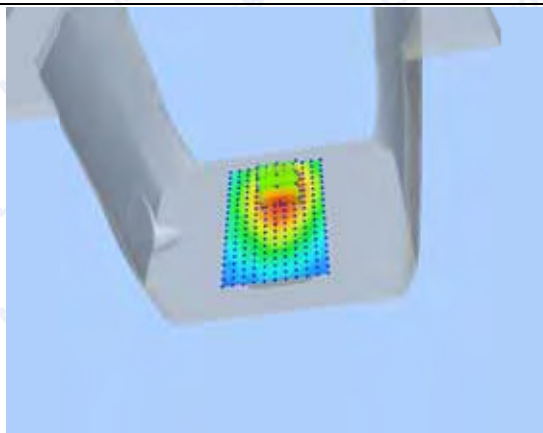
SAR Peak: 0.70 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.349090 |
| SAR 1g (W/Kg)  | 0.498225 |

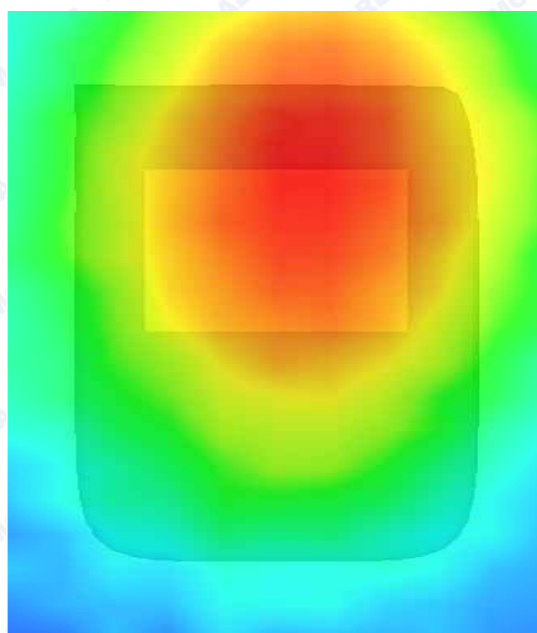
**Z axis scan**



**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: 2016.04.24

Measurement duration: 9 minutes 37 seconds

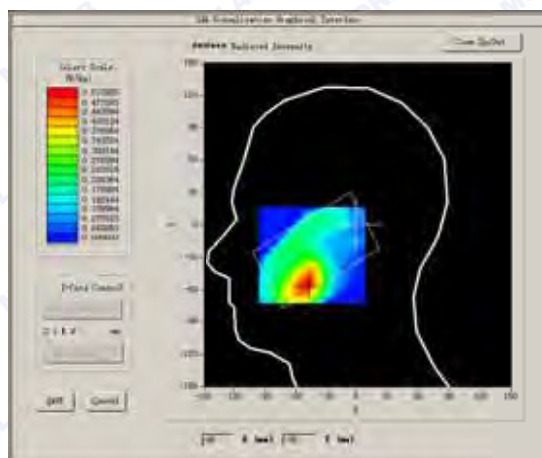
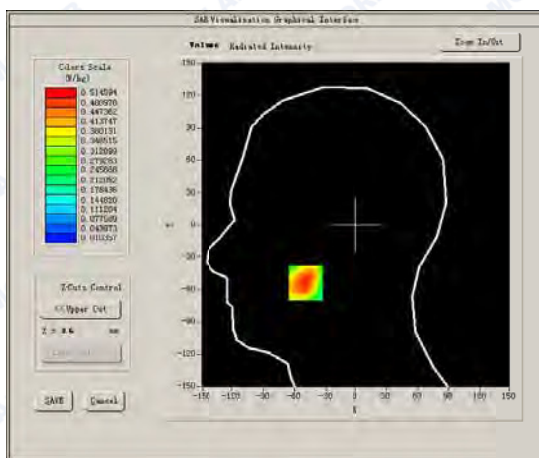
**A. Experimental conditions.**

|                 |                               |
|-----------------|-------------------------------|
| Phantom File    | sam_direct_droit2_surf8mm.txt |
| Phantom         | Left head                     |
| Device Position | Cheek                         |
| Band            | WCDMA1700                     |
| Channels        | Middle                        |
| Signal          | CDMA                          |

**B. SAR Measurement Results**

Middle Band SAR (Channel 1412):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1732.000000 |
| 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**





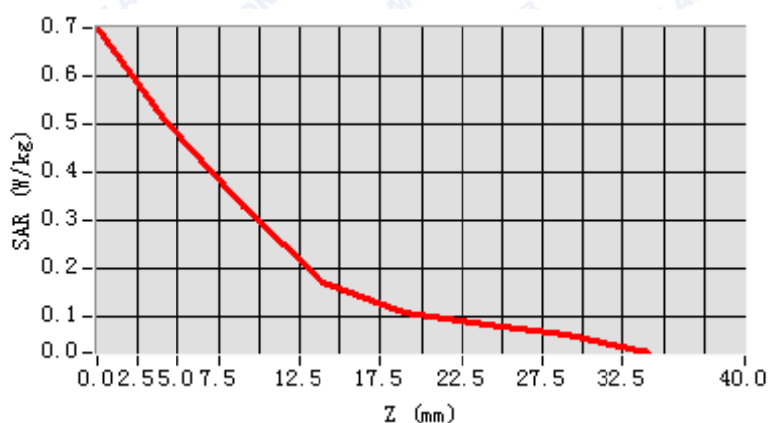
REPORT No. : SZ16030142S01

Maximum location: X=-49.00, Y=-54.00

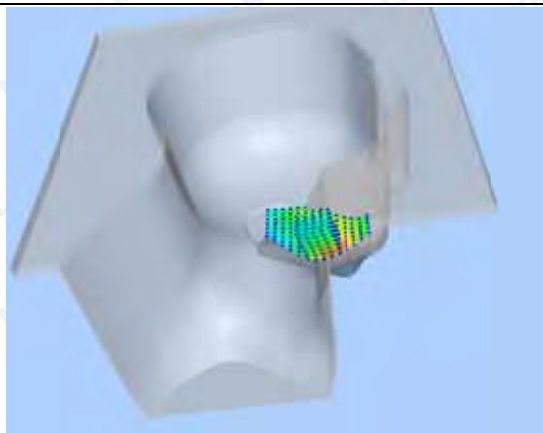
SAR Peak: 0.76 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.278401 |
| SAR 1g (W/Kg)  | 0.477048 |

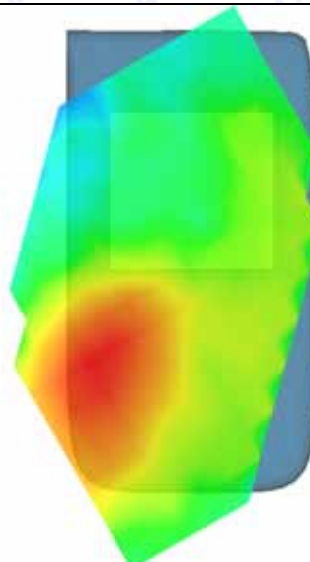
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 10**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.23

Measurement duration: 9 minutes 31 seconds

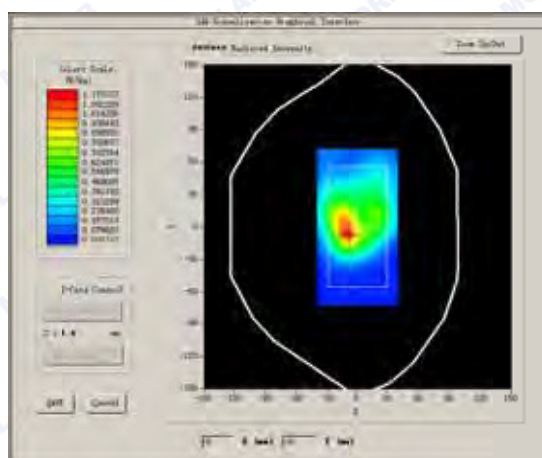
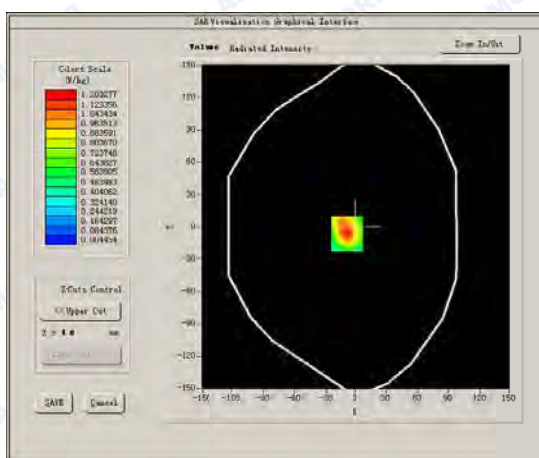
**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Validation plane  |
| Device Position | Body              |
| Band            | WCDMA1700         |
| Channels        | Middle            |
| Signal          | CDMA              |

**B. SAR Measurement Results**

Middle Band SAR (Channel 1412):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1732.000000 |
| 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**



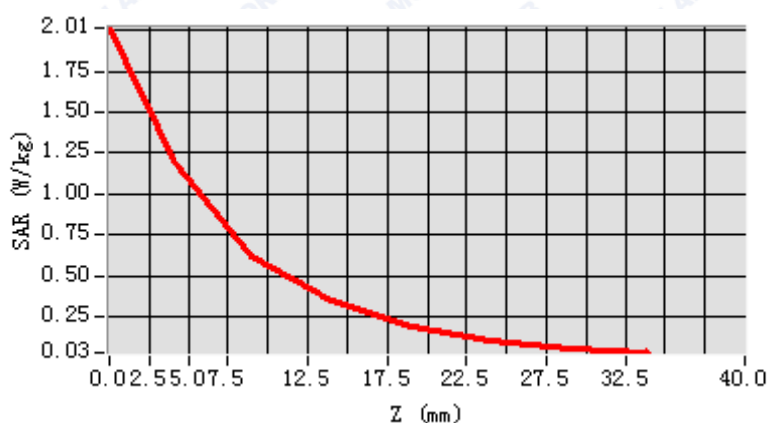
REPORT No. : SZ16030142S01

Maximum location: X=-9.00, Y=-6.00

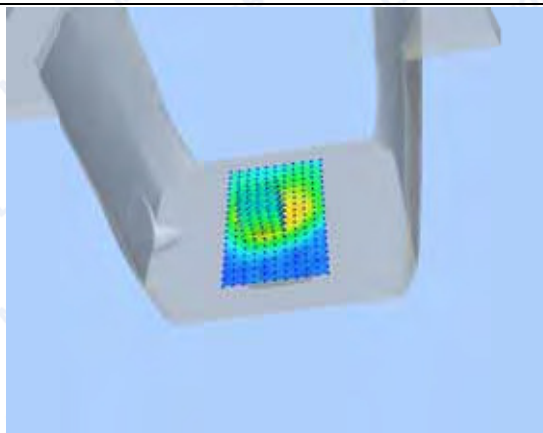
SAR Peak: 2.17 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.645025 |
| SAR 1g (W/Kg)  | 1.248809 |

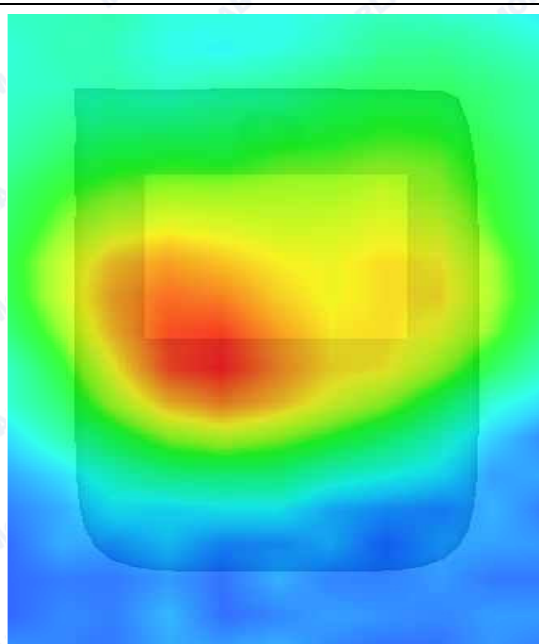
**Z axis scan**



**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: 2016.04.23

Measurement duration: 9 minutes 31 seconds

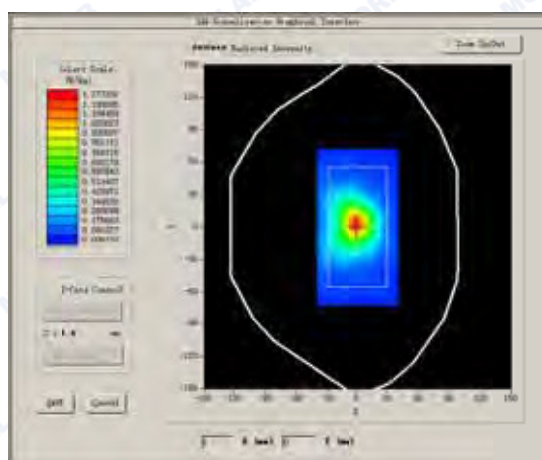
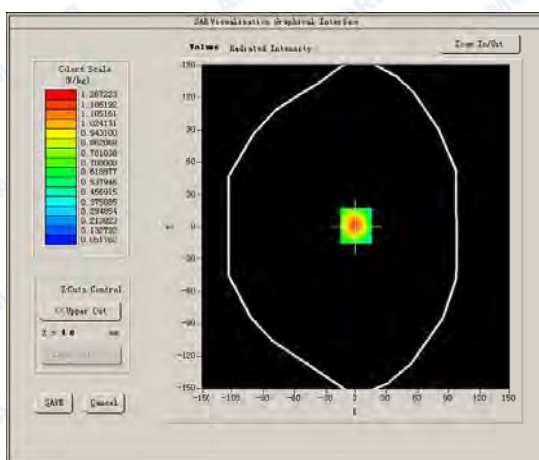
**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Validation plane  |
| Device Position | Body              |
| Band            | WCDMA1700         |
| Channels        | Middle            |
| Signal          | CDMA              |

**B. SAR Measurement Results**

Middle Band SAR (Channel 1412):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1732.000000 |
| 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**



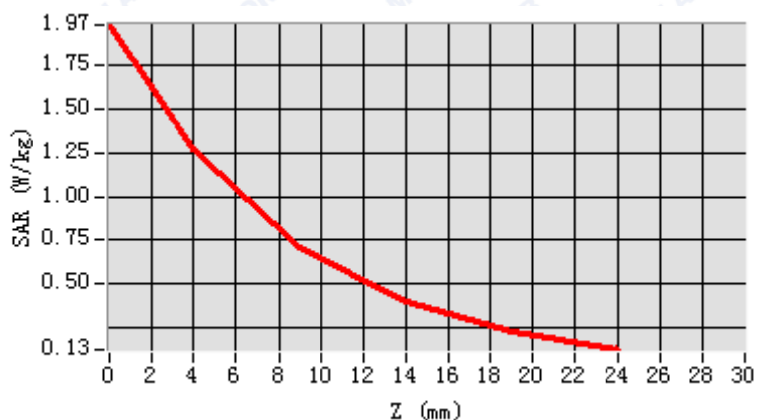
REPORT No. : SZ16030142S01

Maximum location: X=0.00, Y=1.00

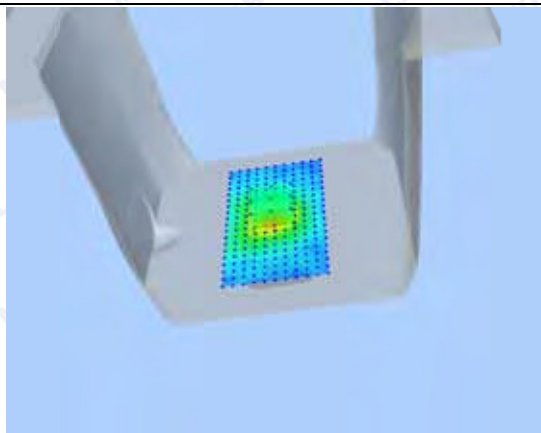
SAR Peak: 2.15 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.683540 |
| SAR 1g (W/Kg)  | 1.281405 |

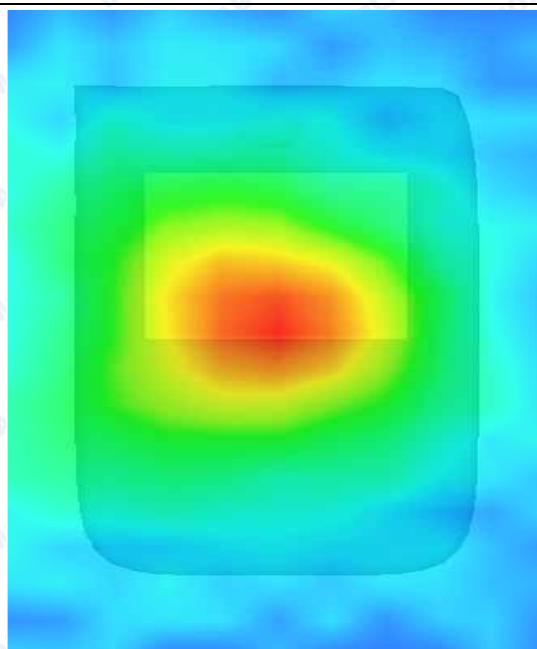
**Z axis scan**



**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: 2016.04.24

Measurement duration: 9 minutes 37 seconds

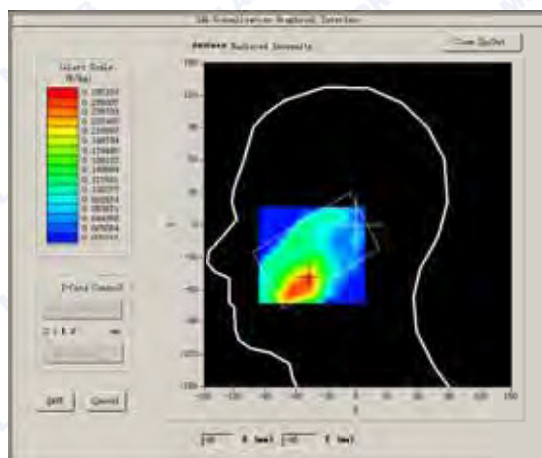
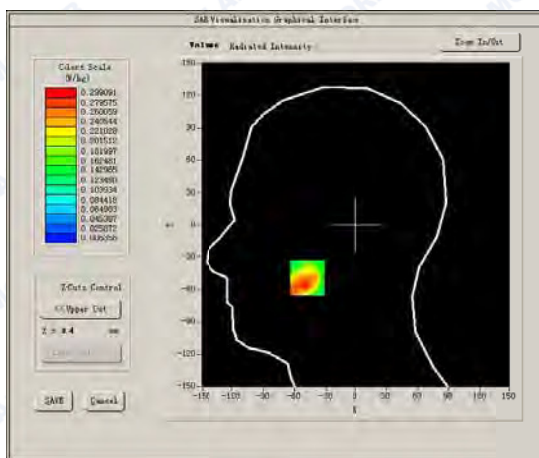
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 9538):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 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**





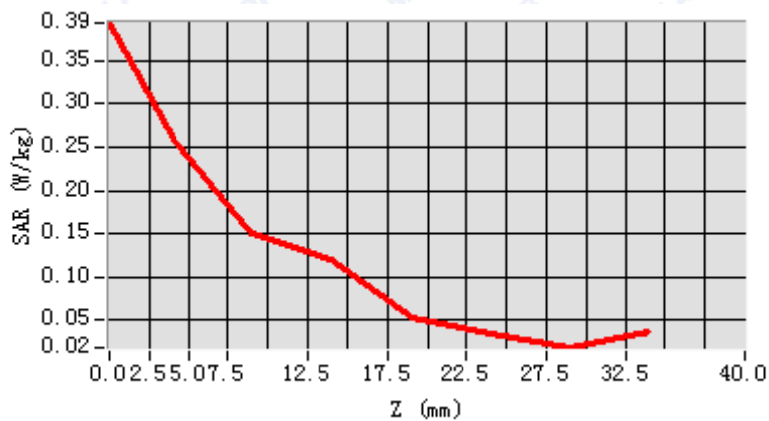
REPORT No. : SZ16030142S01

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

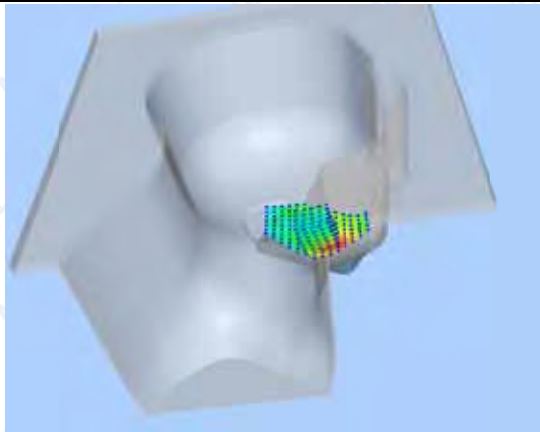
SAR Peak: 0.51 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.151779 |
| SAR 1g (W/Kg)  | 0.286801 |

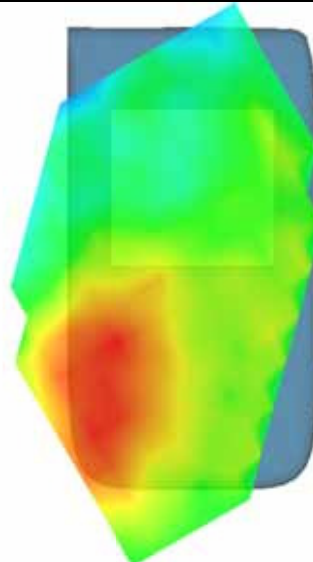
**Z axis scan**



**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: 2016.04.23

Measurement duration: 9 minutes 31 seconds

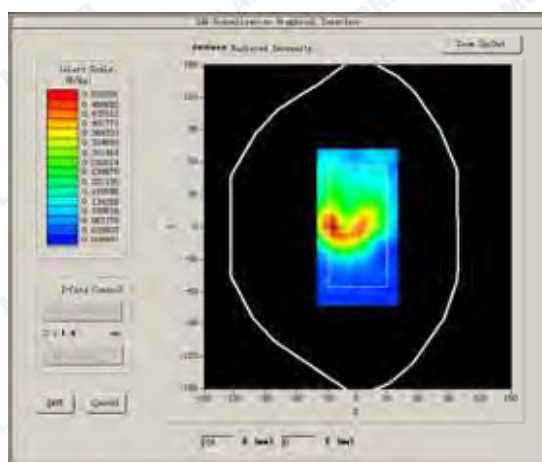
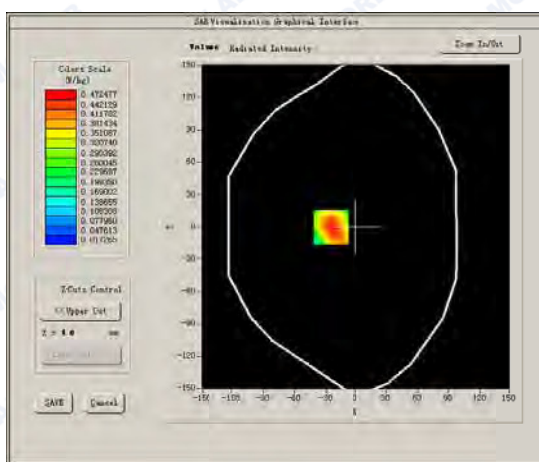
**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| 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)                   | 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**



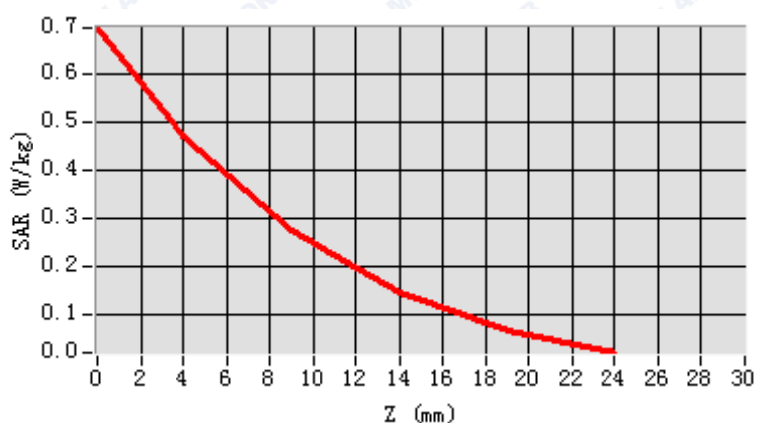
REPORT No. : SZ16030142S01

Maximum location: X=-25.00, Y=0.00

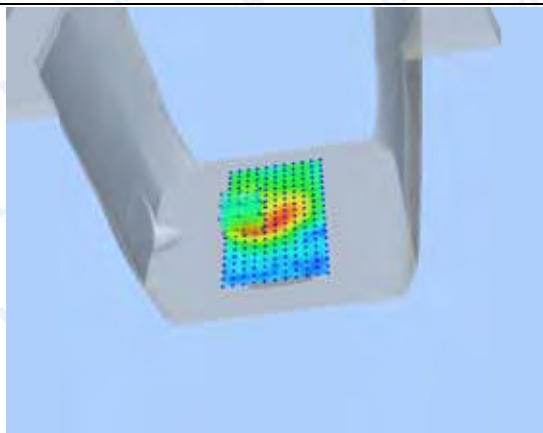
SAR Peak: 0.77 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.266282 |
| SAR 1g (W/Kg)  | 0.481510 |

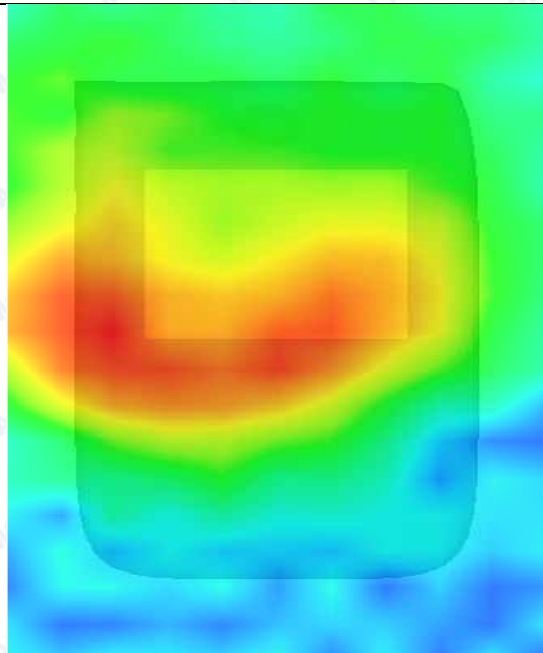
**Z axis scan**



**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: 2016.04.23

Measurement duration: 9 minutes 31 seconds

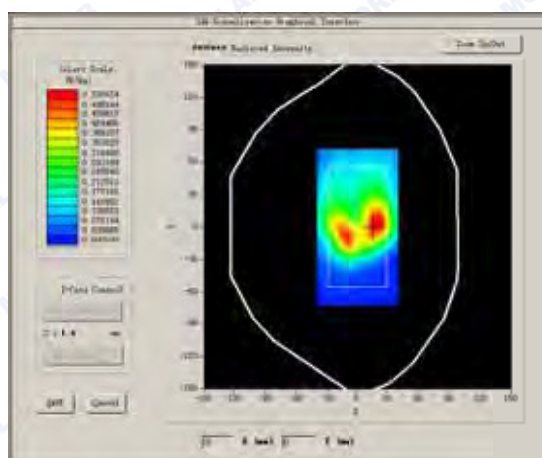
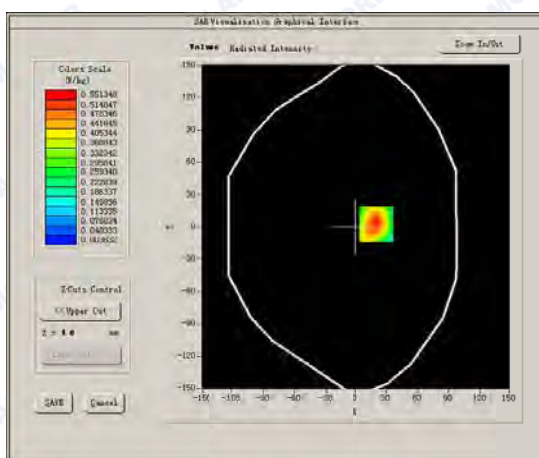
**A. Experimental conditions.**

|                 |                   |
|-----------------|-------------------|
| 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)                   | 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**



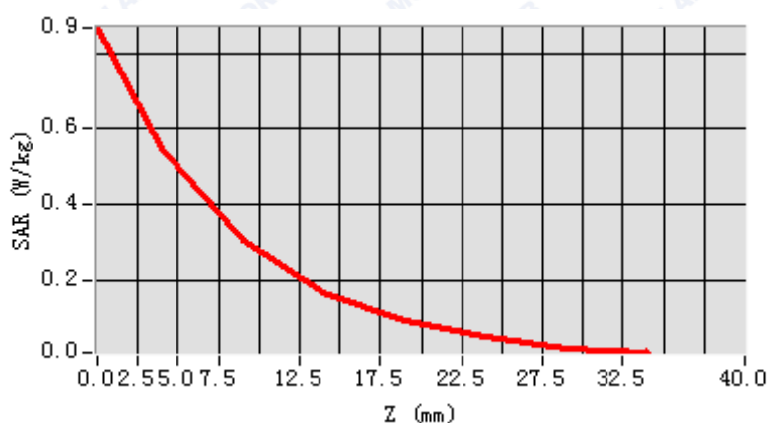
REPORT No. : SZ16030142S01

Maximum location: X=20.00, Y=3.00

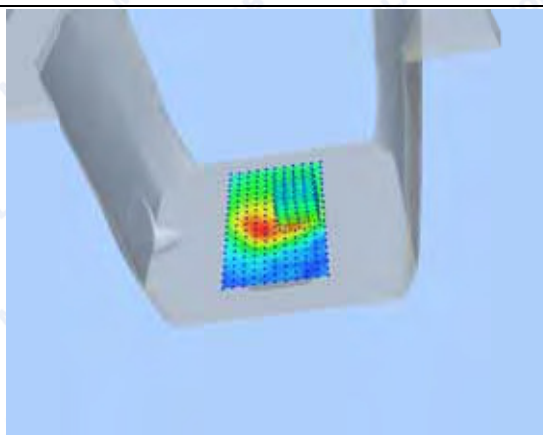
SAR Peak: 0.98 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.300304 |
| SAR 1g (W/Kg)  | 0.575549 |

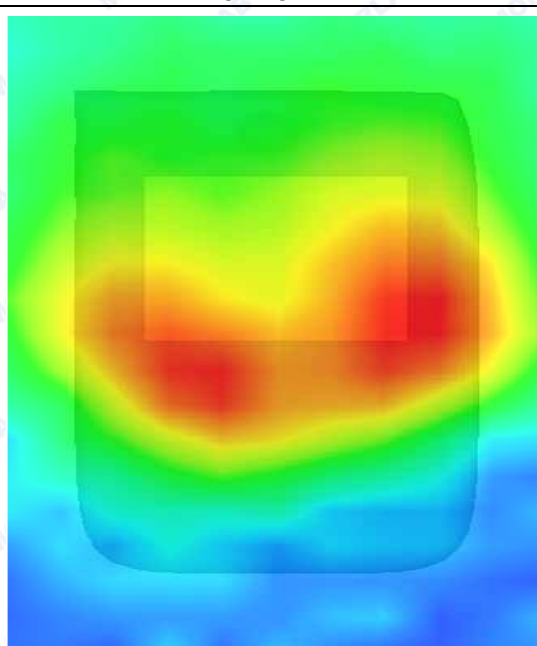
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 15**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.08

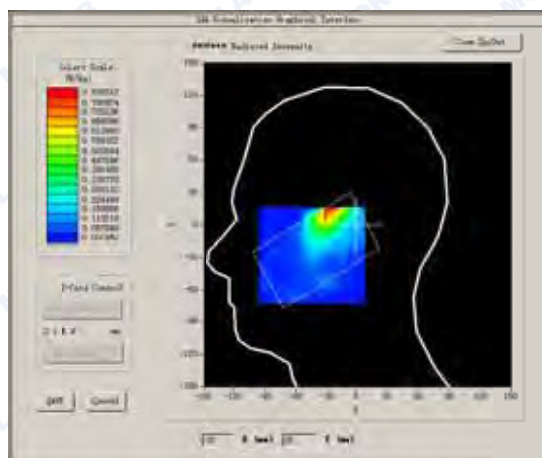
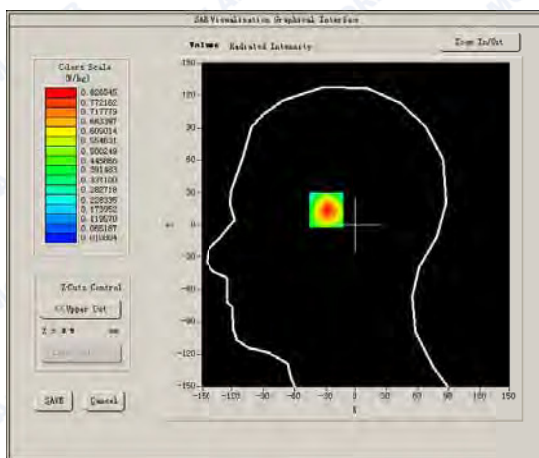
Measurement duration: 7 minutes 47 seconds

**A. Experimental conditions.**

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

**B. SAR Measurement Results****Low Band SAR (Channel 1)**

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

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





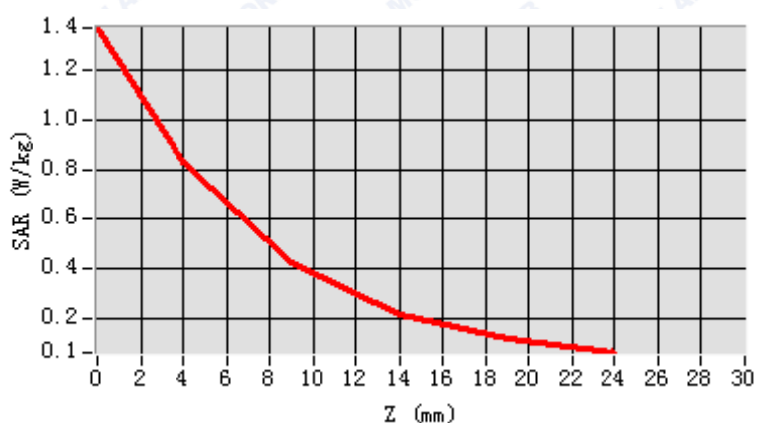
REPORT No. : SZ16030142S01

Maximum location: X=-30.00, Y=16.00

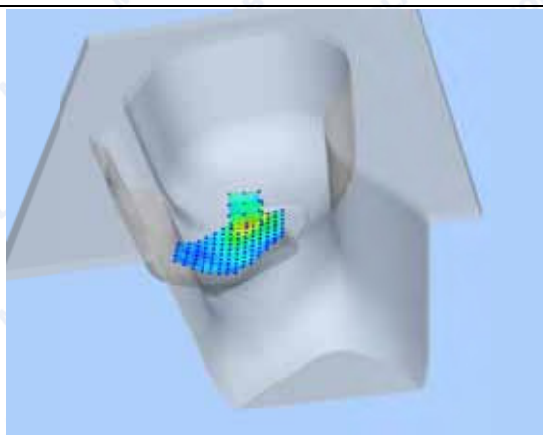
SAR Peak: 1.38 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.321953 |
| SAR 1g (W/Kg)  | 0.705027 |

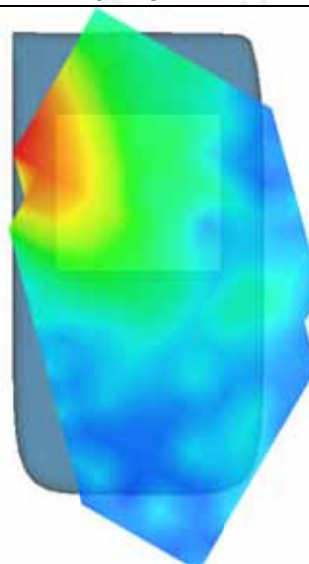
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 16**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.08

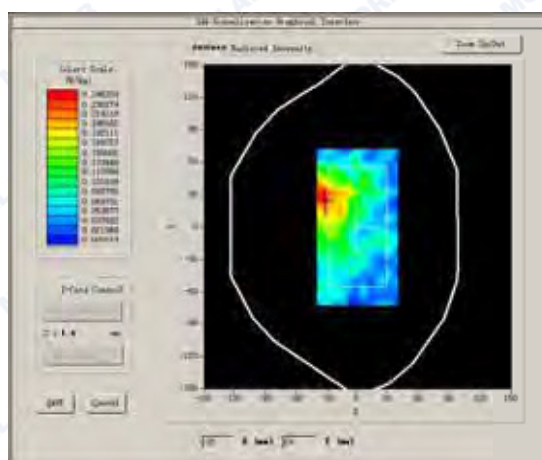
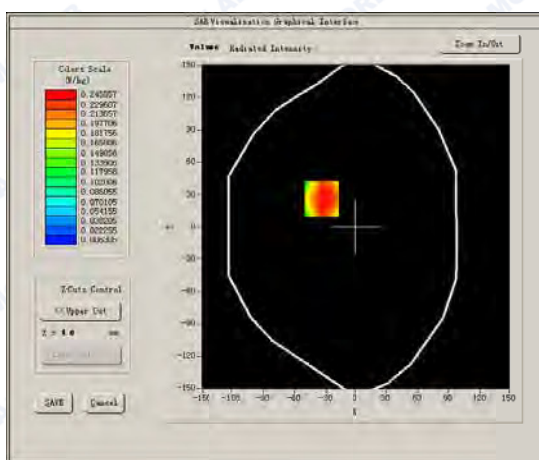
Measurement duration: 9 minutes 37 seconds

**A. Experimental conditions.**

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

**B. SAR Measurement Results****Low Band SAR (Channel 1)**

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

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



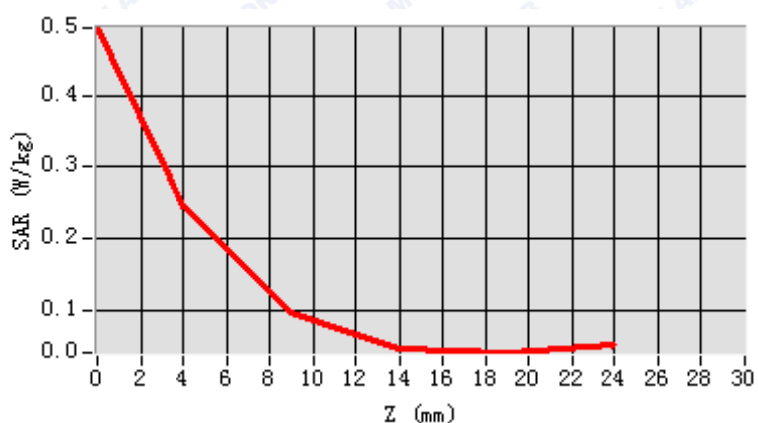
REPORT No. : SZ16030142S01

Maximum location: X=-34.00, Y=26.00

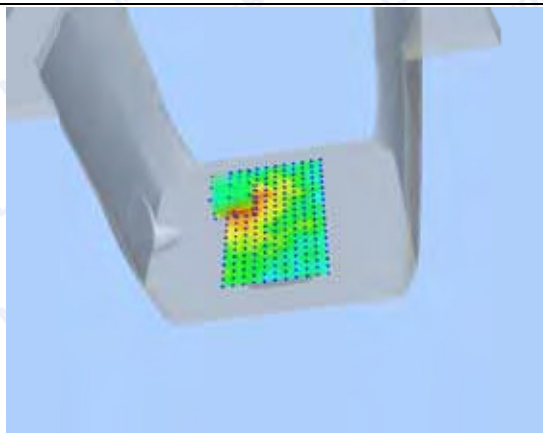
SAR Peak: 0.54 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.141605 |
| SAR 1g (W/Kg)  | 0.266415 |

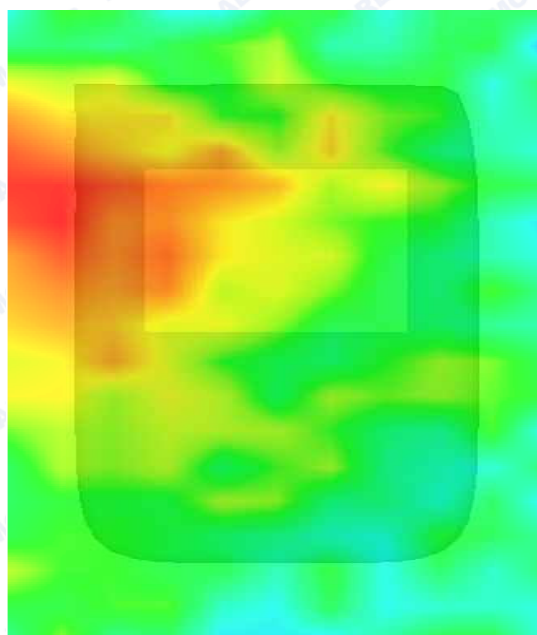
**Z axis scan**



**3D screen shot**



**Hot spot position**





**MEASUREMENT 17**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.10.23

Measurement duration: 9 minutes 31 seconds

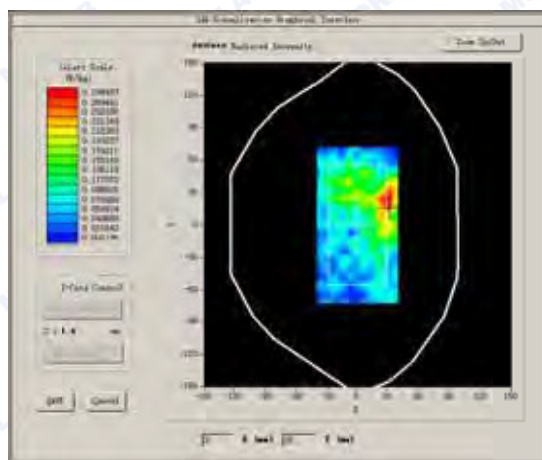
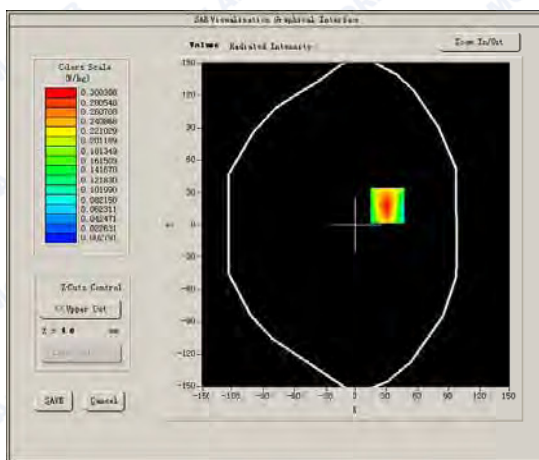
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 1)

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

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



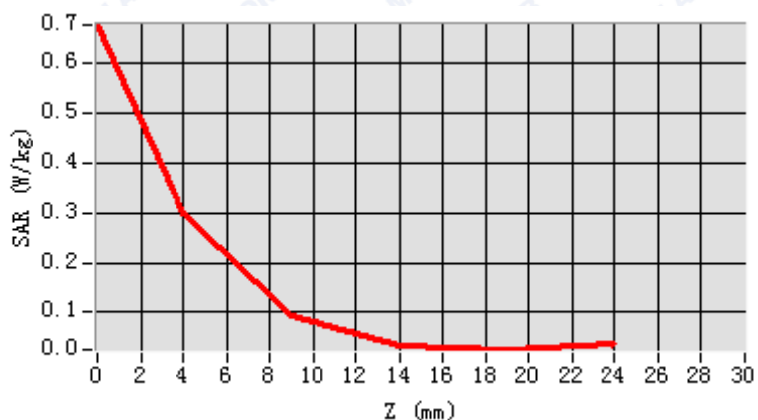
REPORT No. : SZ16030142S01

Maximum location: X=31.00, Y=18.00

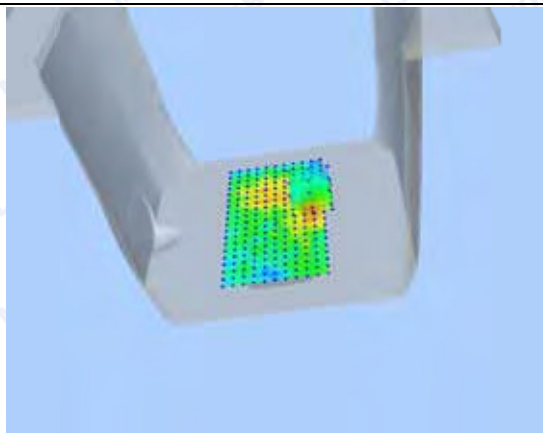
SAR Peak: 0.76 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.128404 |
| SAR 1g (W/Kg)  | 0.288784 |

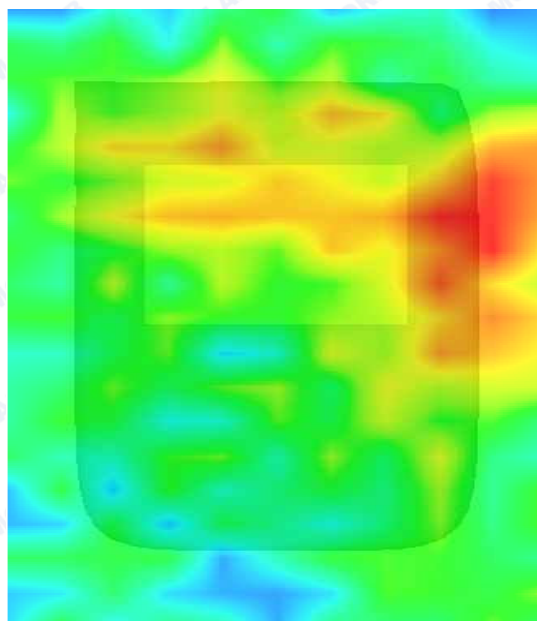
**Z axis scan**



**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: 2016.04.22

Measurement duration: 8 minutes 57 seconds

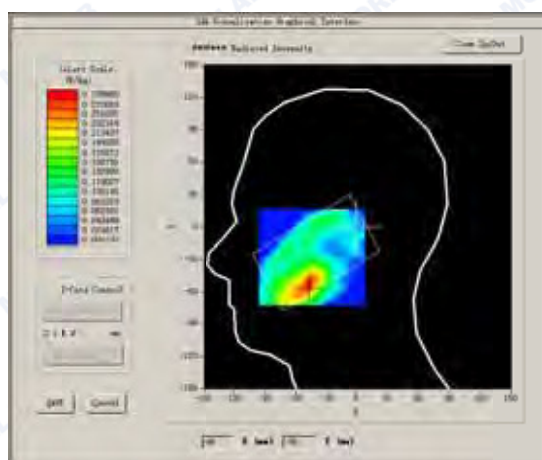
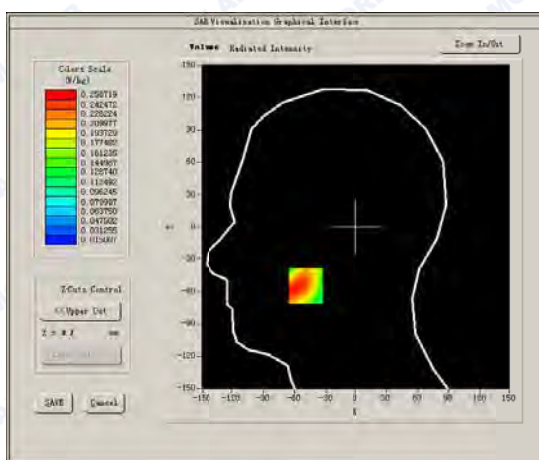
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 19100):

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

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





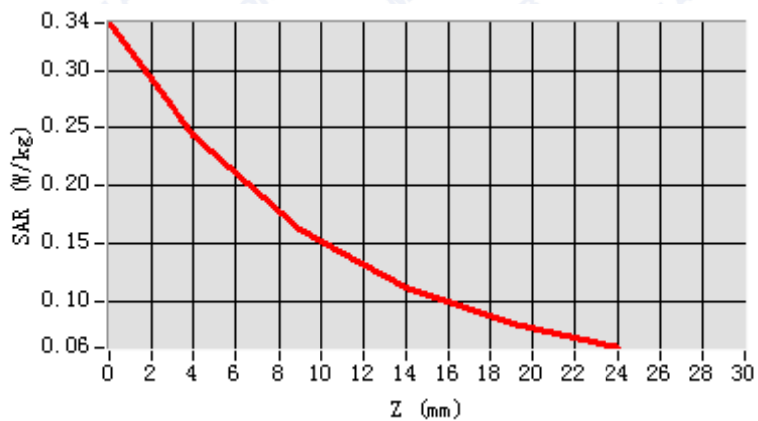
REPORT No. : SZ16030142S01

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

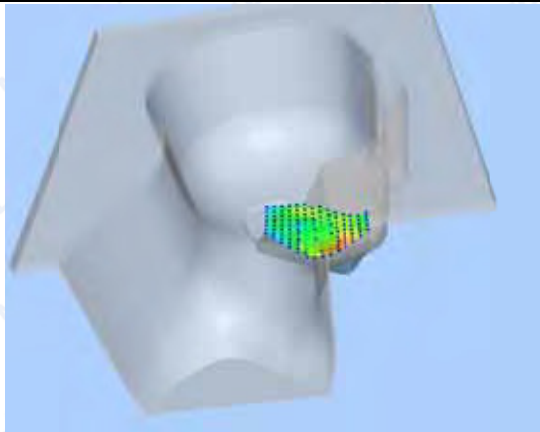
SAR Peak: 0.38 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.154005 |
| SAR 1g (W/Kg)  | 0.247267 |

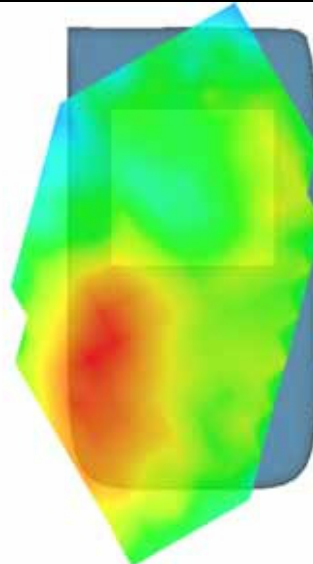
**Z axis scan**



**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: 2016.04.23

Measurement duration: 9 minutes 29 seconds

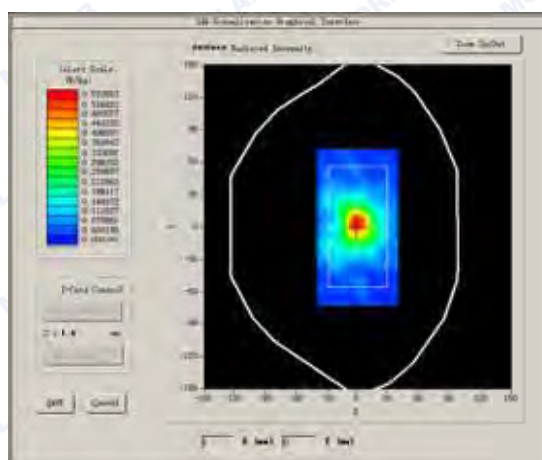
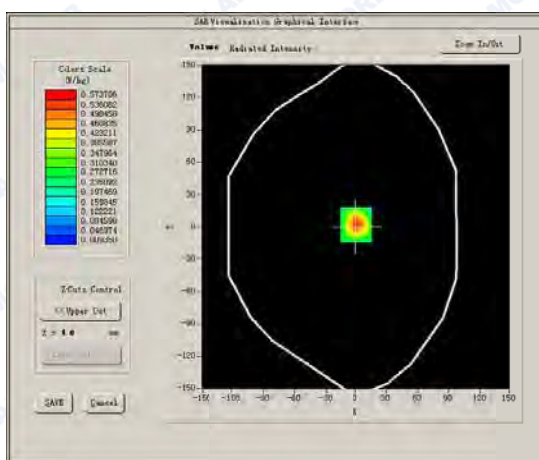
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 19100):

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

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



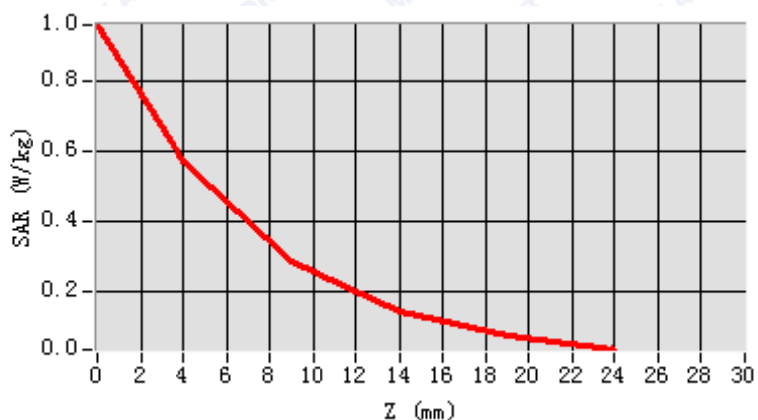
REPORT No. : SZ16030142S01

Maximum location: X=0.00, Y=2.00

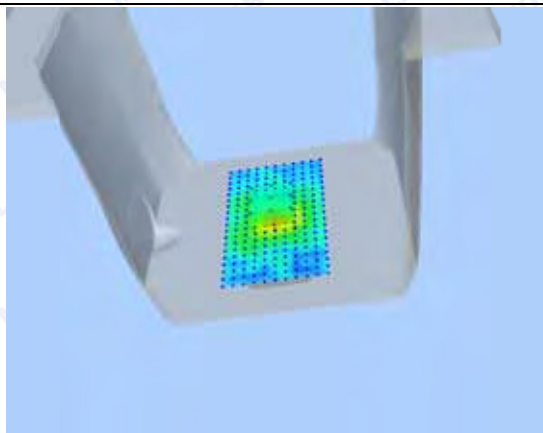
SAR Peak: 0.97 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.268783 |
| SAR 1g (W/Kg)  | 0.532890 |

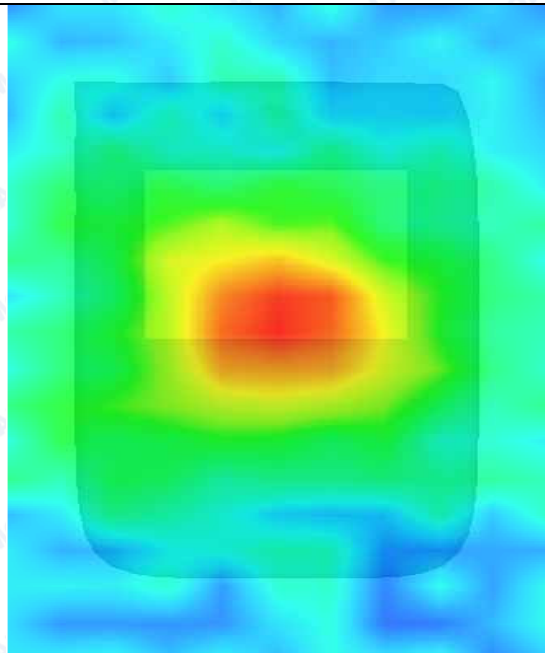
**Z axis scan**



**3D screen shot**



**Hot spot position**





**MEASUREMENT 20**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.23

Measurement duration: 9 minutes 35 seconds

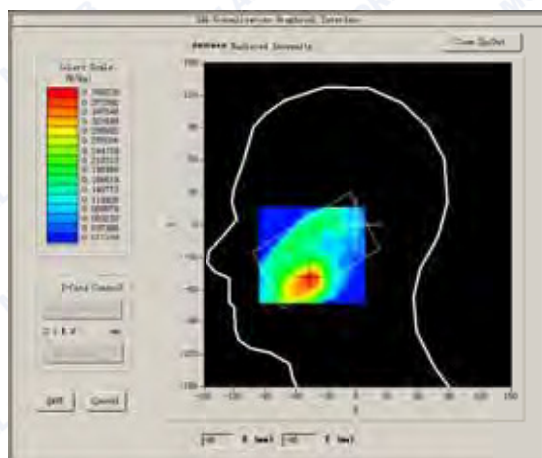
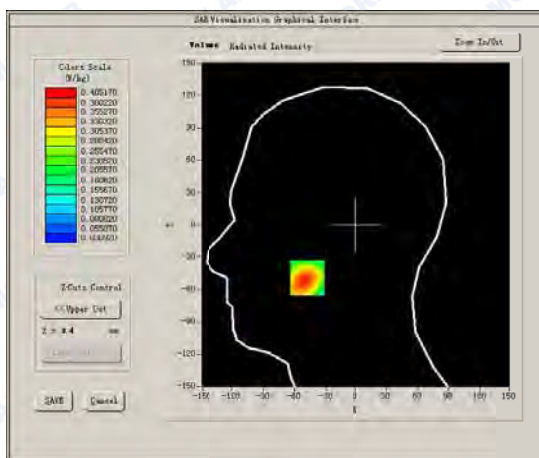
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

|                                   |             |
|-----------------------------------|-------------|
| Frequency (MHz)                   | 1732.500000 |
| Relative permittivity (real part) | 41.362849   |
| Conductivity (S/m)                | 0.913725    |
| Power drift (%)                   | 1.430000    |
| Ambient Temperature:              | 22.9°C      |
| Liquid Temperature:               | 22.1°C      |
| ConvF:                            | 4.90        |
| Crest factor:                     | 1:1         |

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



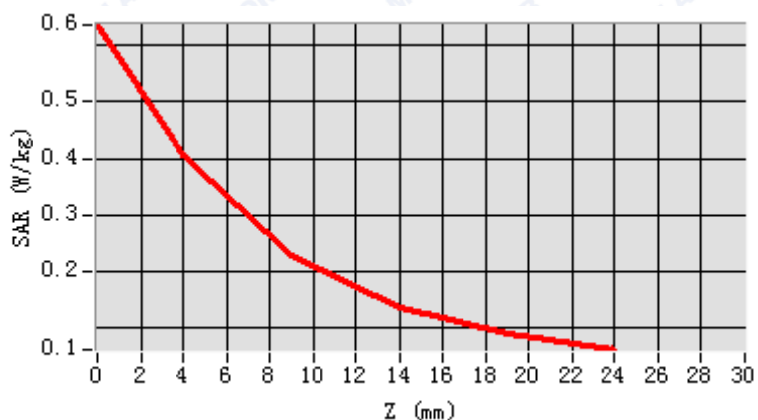
REPORT No. : SZ16030142S01

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

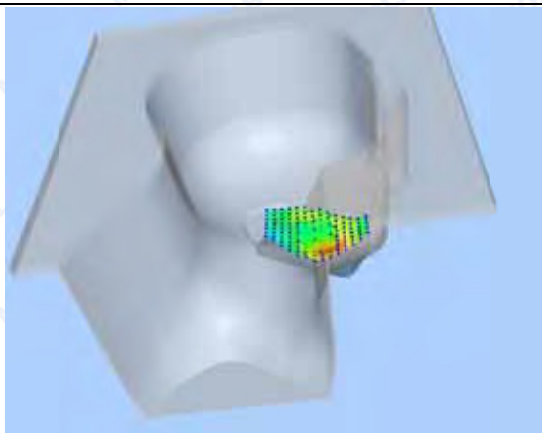
SAR Peak: 0.64 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.225273 |
| SAR 1g (W/Kg)  | 0.386859 |

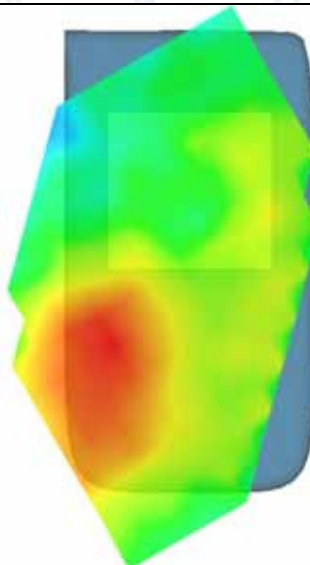
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 21**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.23

Measurement duration: 9 minutes 35 seconds

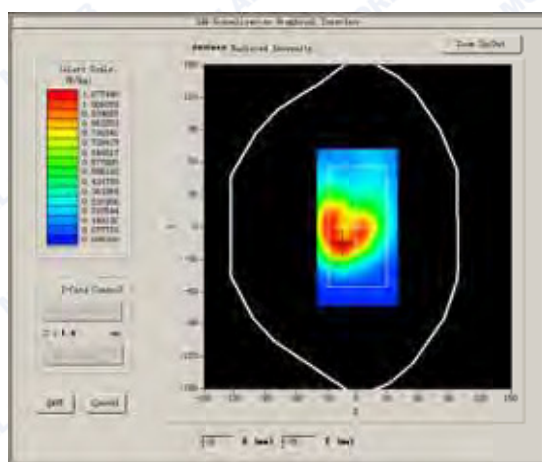
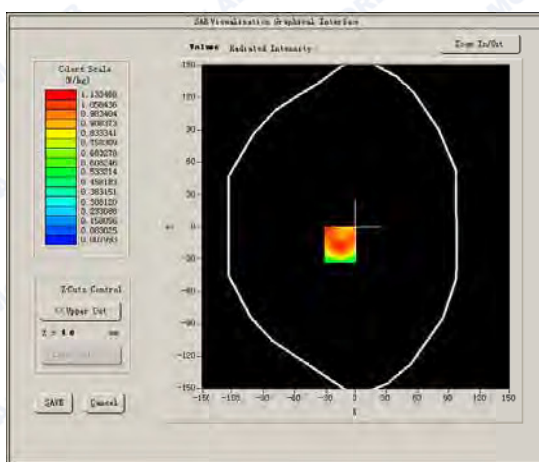
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 20050):

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

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





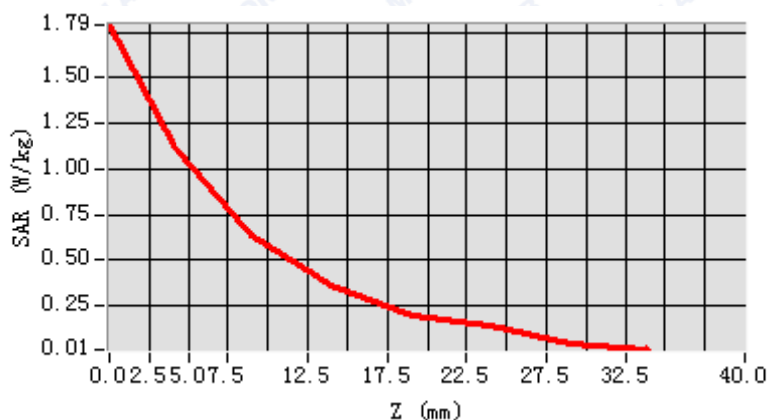
REPORT No. : SZ16030142S01

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

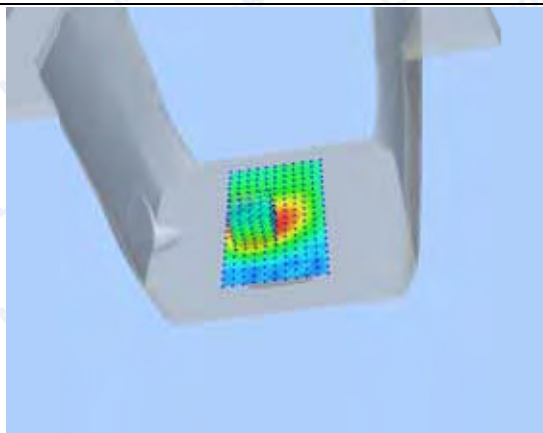
SAR Peak: 2.00 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.623180 |
| SAR 1g (W/Kg)  | 1.179359 |

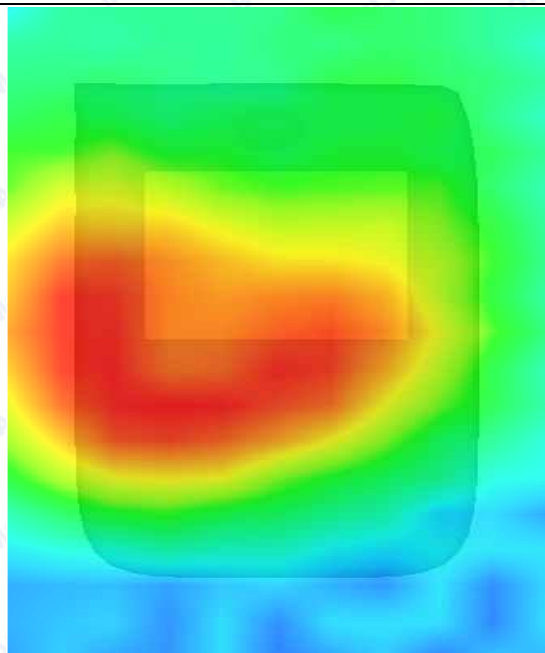
**Z axis scan**



**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: 2016.04.22

Measurement duration: 9 minutes 18 seconds

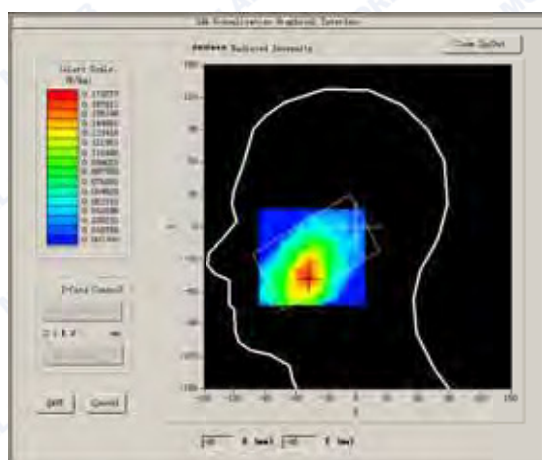
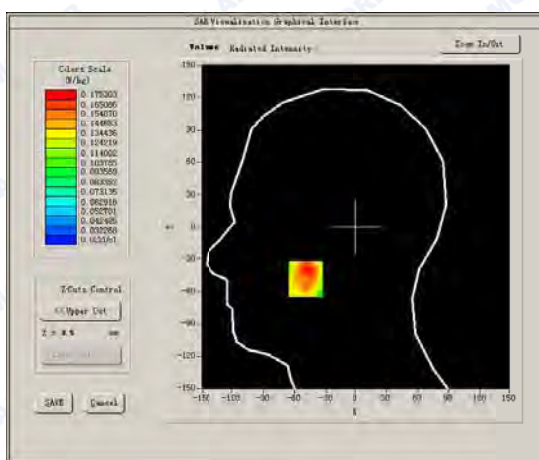
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 20525):

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

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



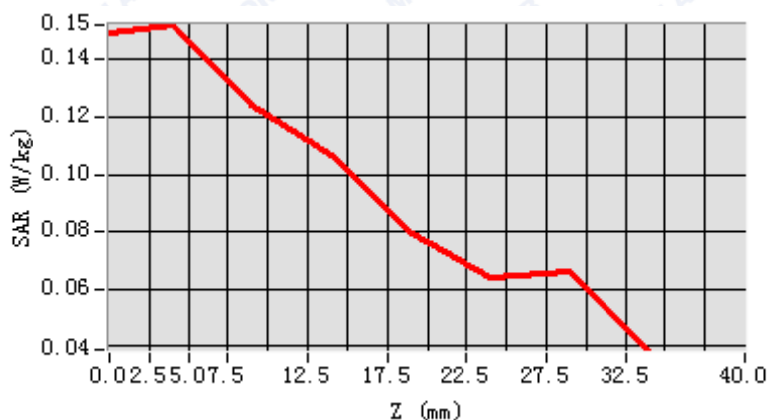
REPORT No. : SZ16030142S01

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

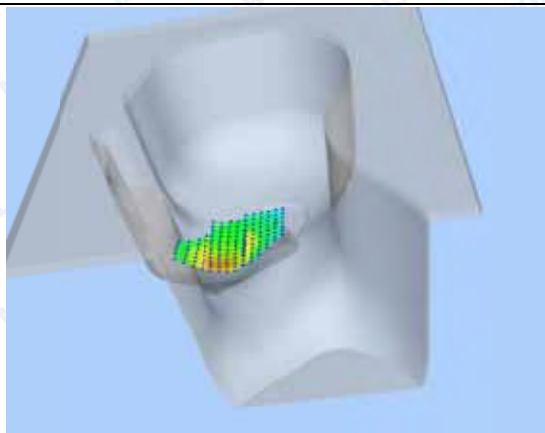
SAR Peak: 0.26 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.120765 |
| SAR 1g (W/Kg)  | 0.169899 |

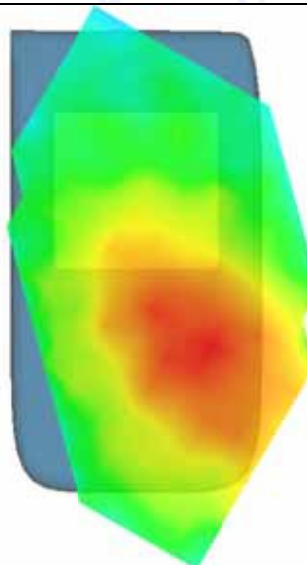
**Z axis scan**



**3D screen shot**



**Hot spot position**





**MEASUREMENT 23**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.22

Measurement duration: 9 minutes 33 seconds

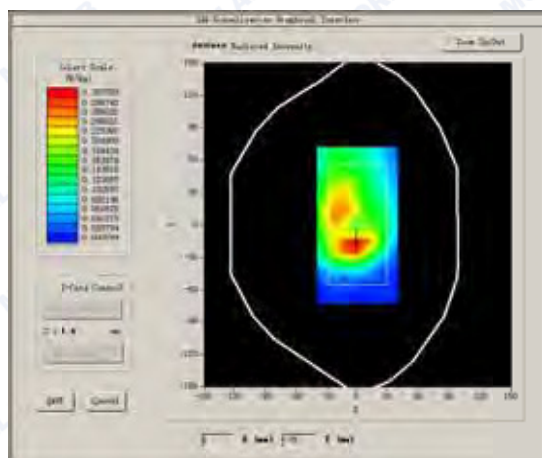
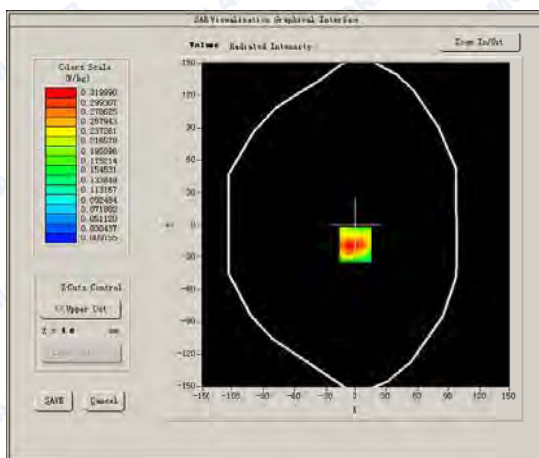
**A. Experimental conditions.**

|                 |                         |
|-----------------|-------------------------|
| Phantom File    | surf_sam_plan.txt       |
| Phantom         | Flat Plane              |
| Device Position | Body                    |
| Band            | LTE Band 5              |
| Channels        | Middle                  |
| Signal          | QPSK_10MHz_1RB offset 0 |

**B. SAR Measurement Results**

Middle Band SAR (Channel 20525):

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

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



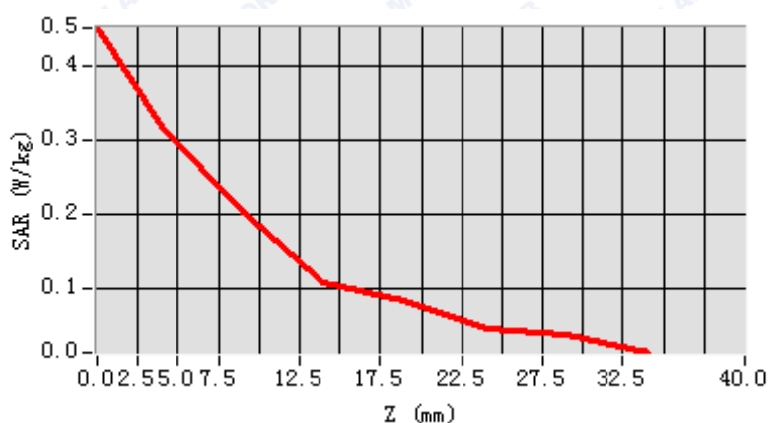
REPORT No. : SZ16030142S01

Maximum location: X=-1.00, Y=-18.00

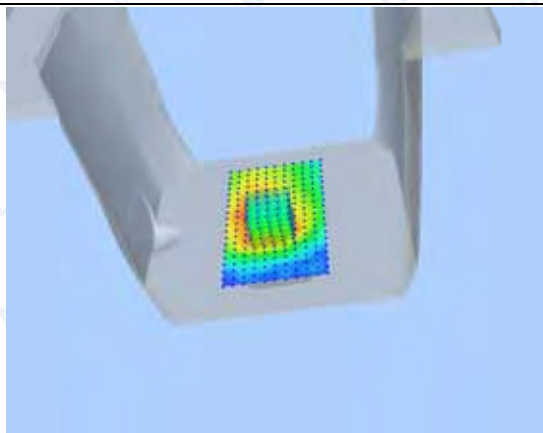
SAR Peak: 0.56 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.187438 |
| SAR 1g (W/Kg)  | 0.334170 |

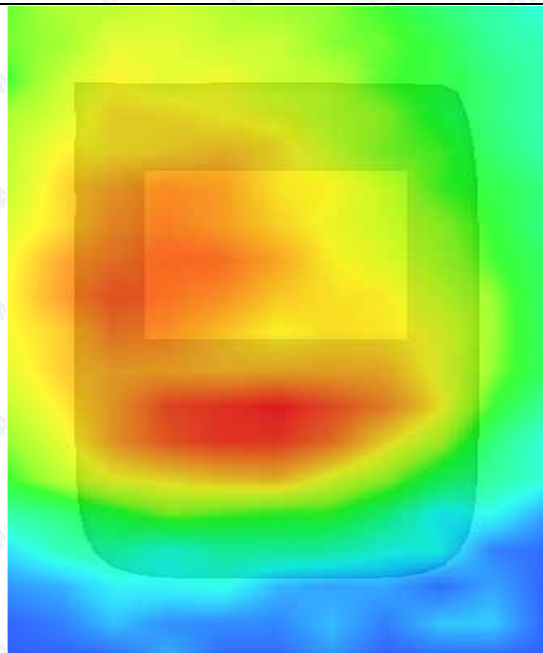
**Z axis scan**



**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: 2016.04.22

Measurement duration: 9 minutes 18 seconds

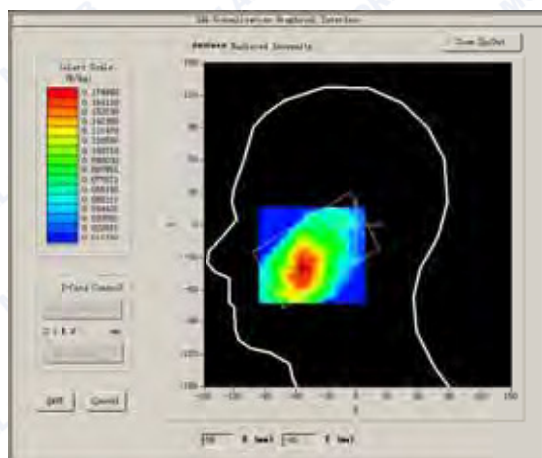
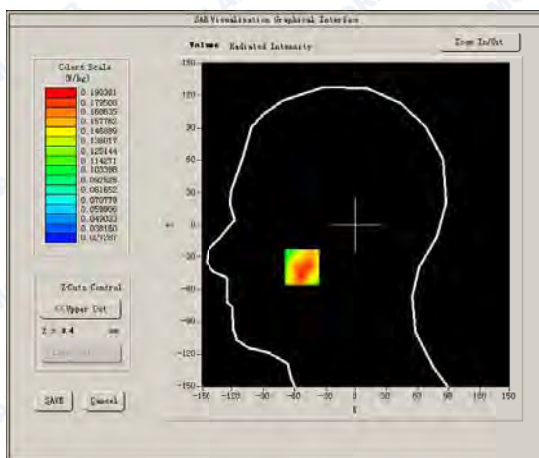
**A. Experimental conditions.**

|                 |                               |
|-----------------|-------------------------------|
| Phantom File    | sam_direct_droit2_surf8mm.txt |
| Phantom         | Left head                     |
| Device Position | Cheek                         |
| Band            | LTE BAND 12                   |
| Channels        | High                          |
| Signal          | QPSK_10MHz_1RB offset 0       |

**B. SAR Measurement Results**

High Band SAR (Channel 23130):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 711.000000 |
| Relative permittivity (real part) | 41.203541  |
| Conductivity (S/m)                | 0.912054   |
| Power drift (%)                   | 2.430000   |
| Ambient Temperature:              | 22.9°C     |
| Liquid Temperature:               | 22.1°C     |
| ConvF:                            | 6.73       |
| Crest factor:                     | 1:1        |

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





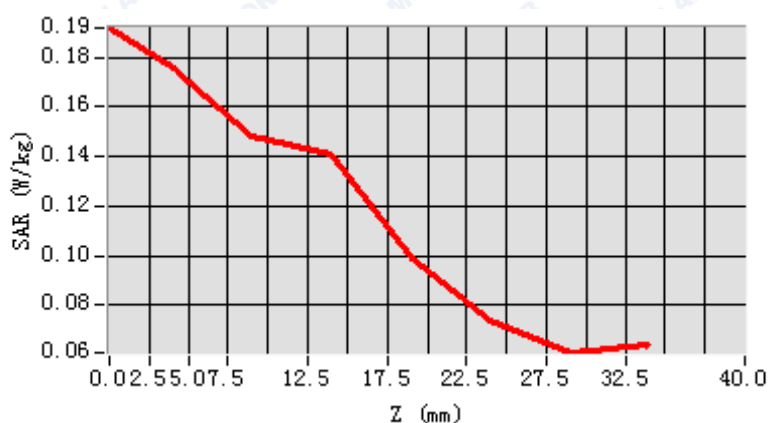
REPORT No. : SZ16030142S01

Maximum location: X=-53.00, Y=-39.00

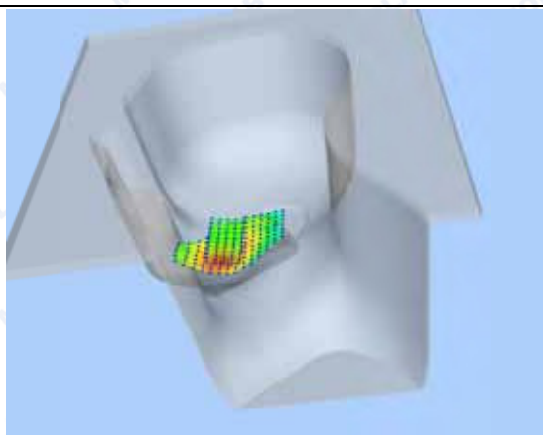
SAR Peak: 0.27 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.135449 |
| SAR 1g (W/Kg)  | 0.186171 |

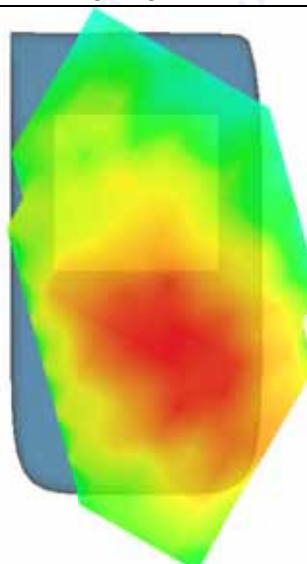
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 25**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.22

Measurement duration: 9 minutes 33 seconds

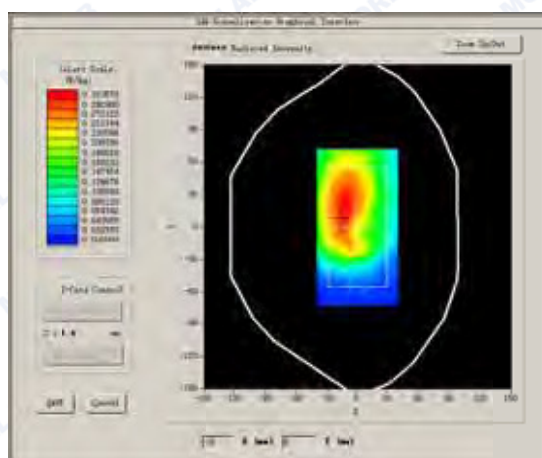
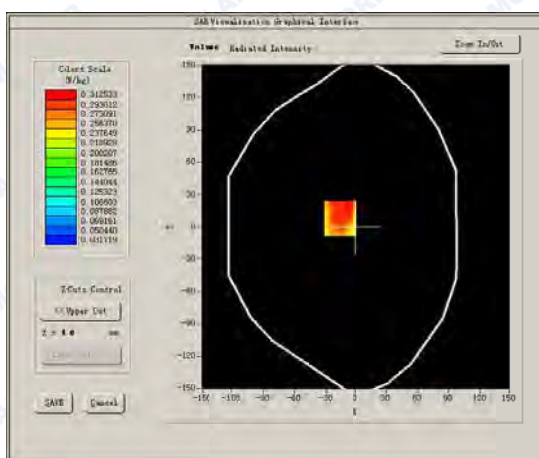
**A. Experimental conditions.**

|                 |                         |
|-----------------|-------------------------|
| Phantom File    | surf_sam_plan.txt       |
| Phantom         | Flat Plane              |
| Device Position | Body                    |
| Band            | LTE BAND 12             |
| Channels        | High                    |
| Signal          | QPSK_10MHz_1RB offset 0 |

**B. SAR Measurement Results**

High Band SAR (Channel 23130):

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 711.000000 |
| Relative permittivity (real part) | 54.483215  |
| Conductivity (S/m)                | 0.928654   |
| Power drift (%)                   | -0.150000  |
| Ambient Temperature:              | 22.4°C     |
| Liquid Temperature:               | 21.9°C     |
| ConvF:                            | 4.96       |
| Crest factor:                     | 1:1        |

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



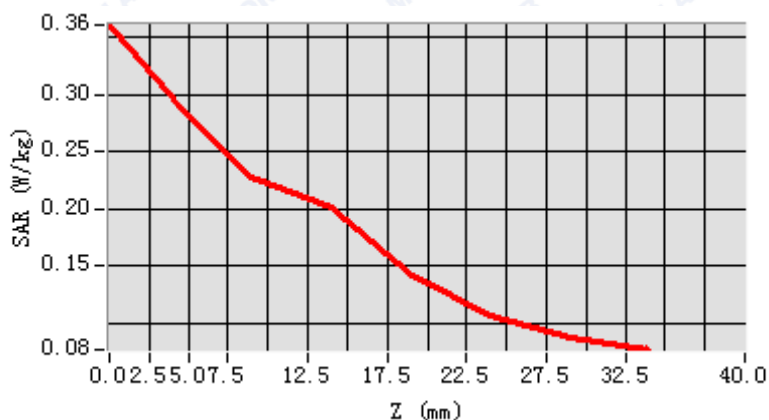
REPORT No. : SZ16030142S01

Maximum location: X=-15.00, Y=8.00

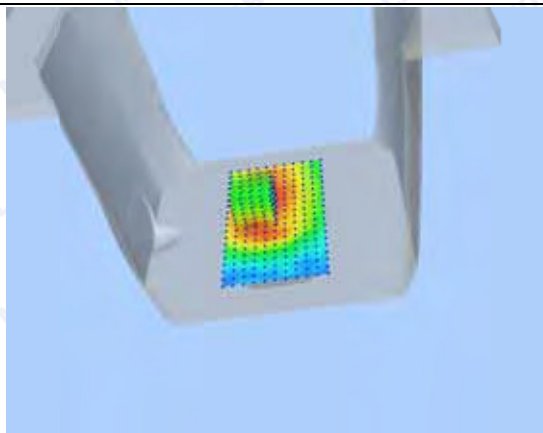
SAR Peak: 0.51 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.269005 |
| SAR 1g (W/Kg)  | 0.369725 |

**Z axis scan**



**3D screen shot**



**Hot spot position**

