

**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: 2016.04.09

Measurement duration: 9 minutes 13 second

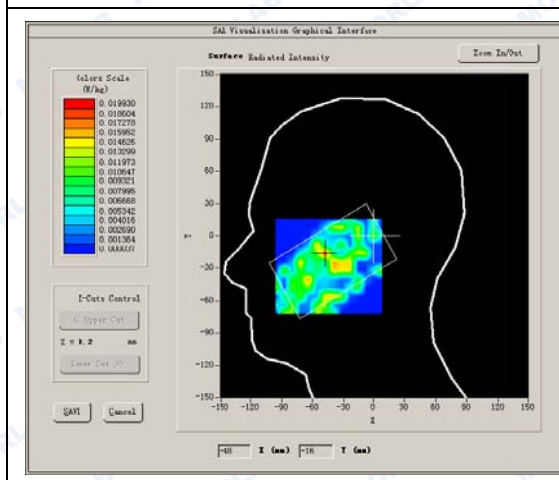
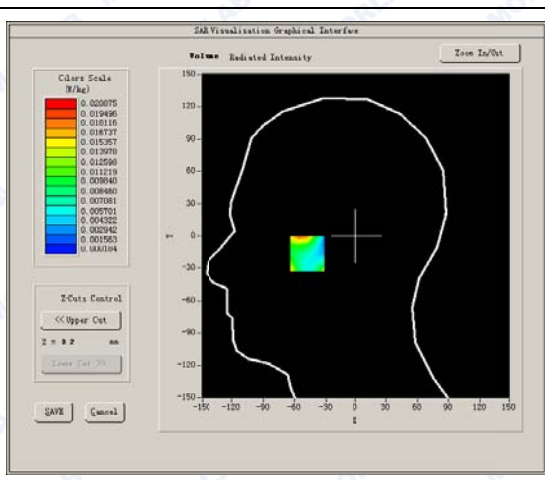
A. Experimental conditions.

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 (%)	1.270000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.74
Crest factor:	1:8

SURFACE SAR**VOLUME SAR**

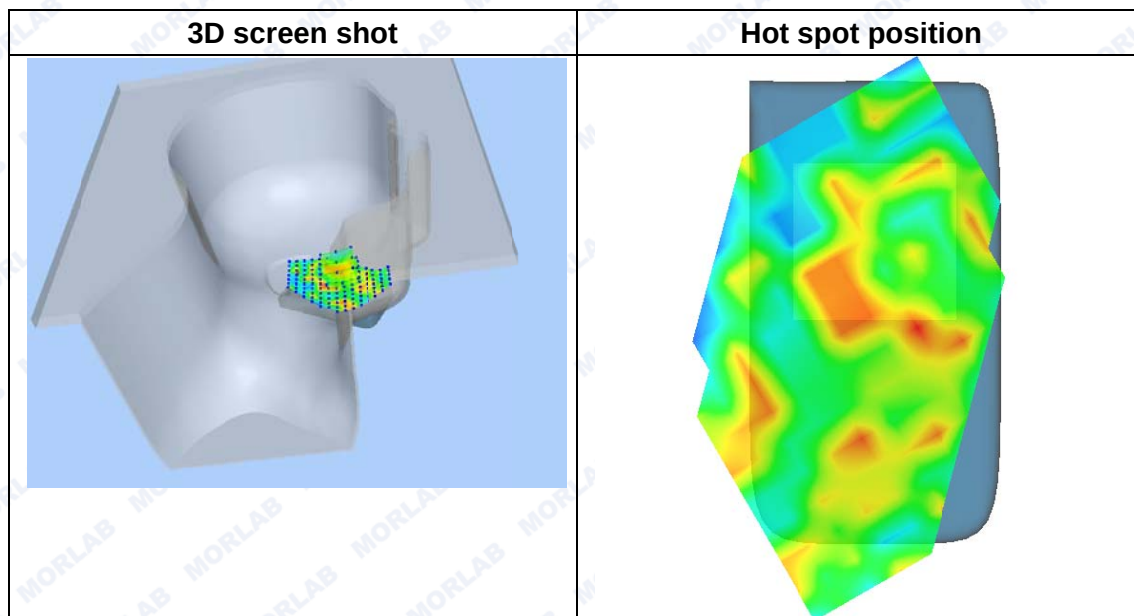
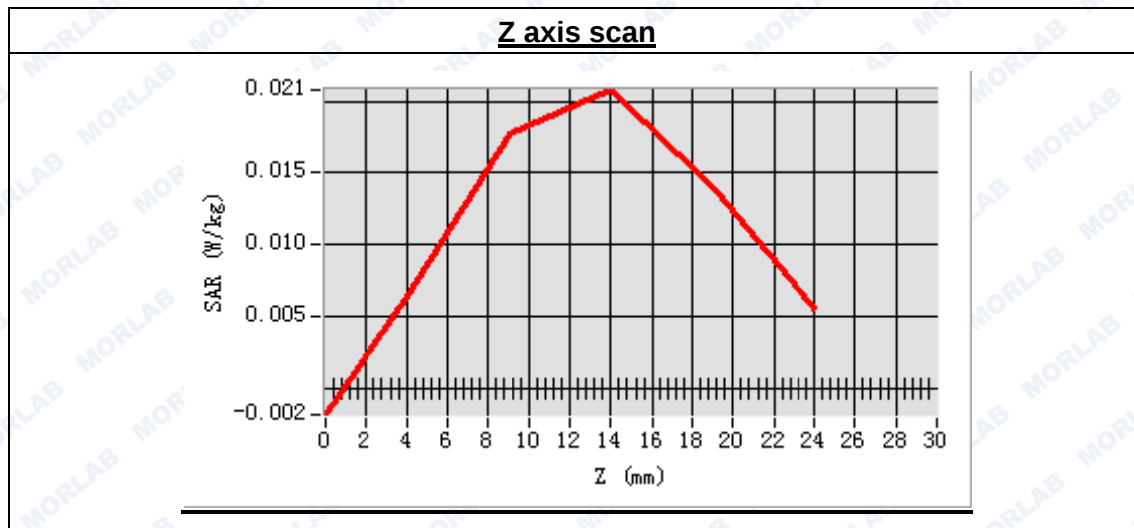


REPORT No. : SZ16030070S01

Maximum location: X=-48.00, Y=-16.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.012520
SAR 1g (W/Kg)	0.018625



**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: 2016.04.09

Measurement duration: 9 minutes 37 seconds

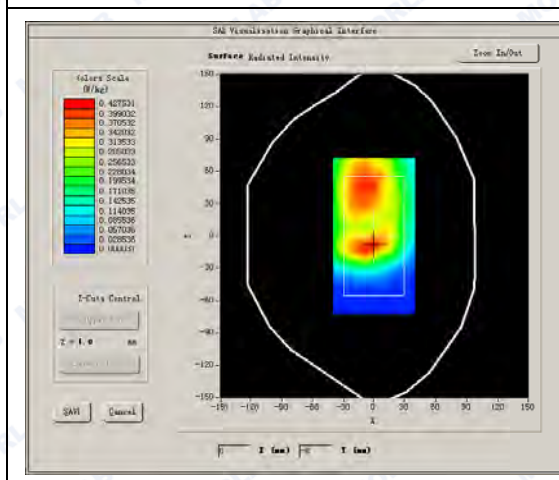
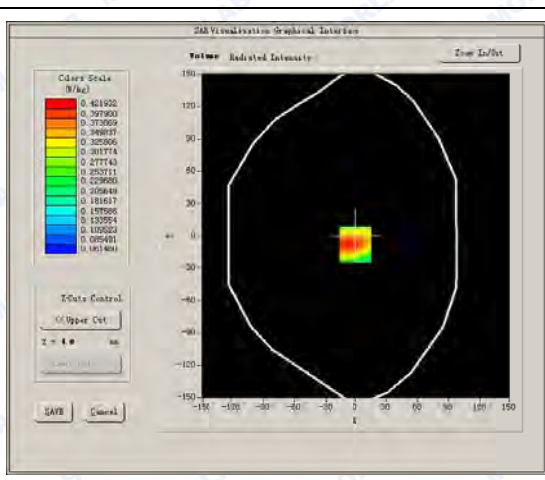
A. Experimental conditions.

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)	55.690245
Conductivity (S/m)	0.973542
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8

SURFACE SAR**VOLUME SAR**



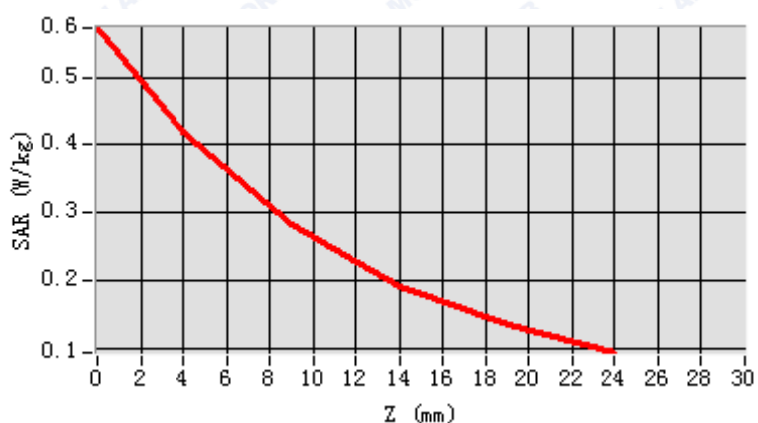
REPORT No. : SZ16030070S01

Maximum location: X=-1.00, Y=-8.00

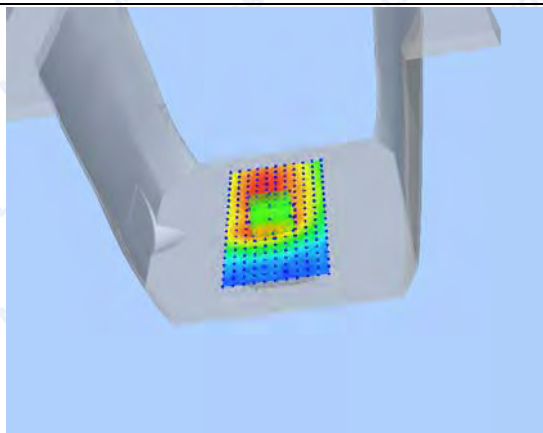
SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.281348
SAR 1g (W/Kg)	0.432718

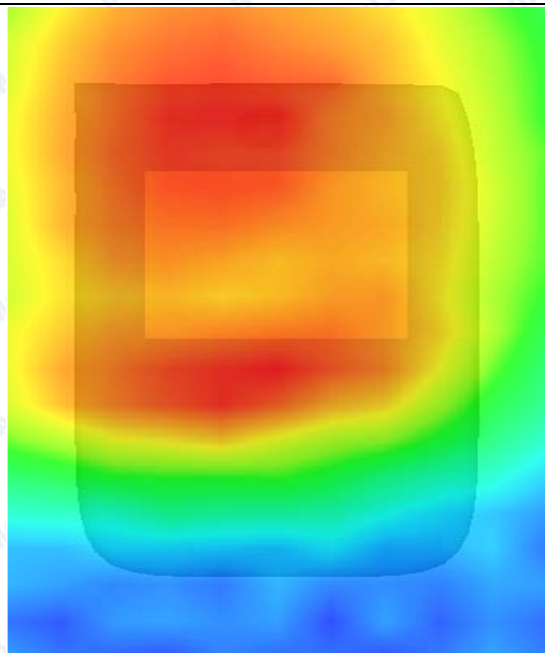
Z axis scan



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: 2016.04.09

Measurement duration: 9 minutes 33 seconds

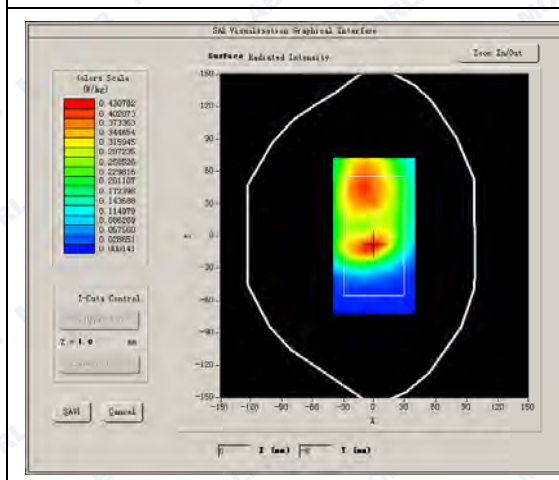
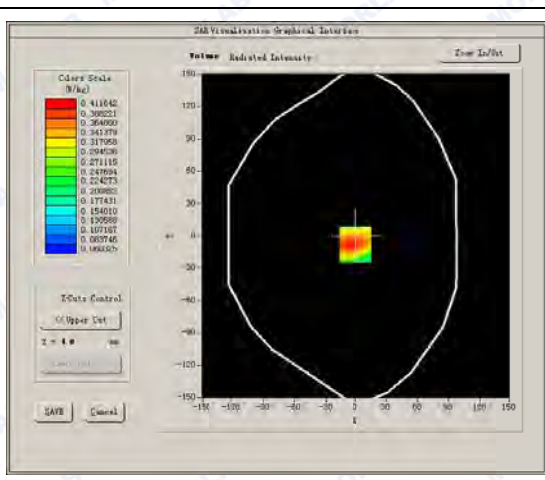
A. Experimental conditions.

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

B. SAR Measurement Results

Low Band SAR (Channel 128):

Frequency (MHz)	824.000000
Relative permittivity (real part)	55.690245
Conductivity (S/m)	0.973542
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8

SURFACE SAR**VOLUME SAR**



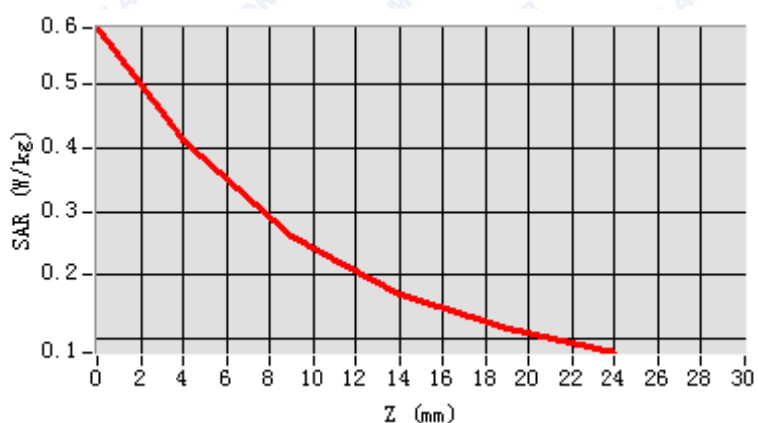
REPORT No. : SZ16030070S01

Maximum location: X=-1.00, Y=-8.00

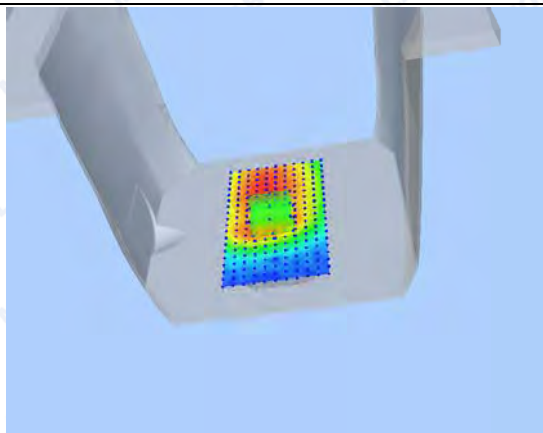
SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.249624
SAR 1g (W/Kg)	0.398412

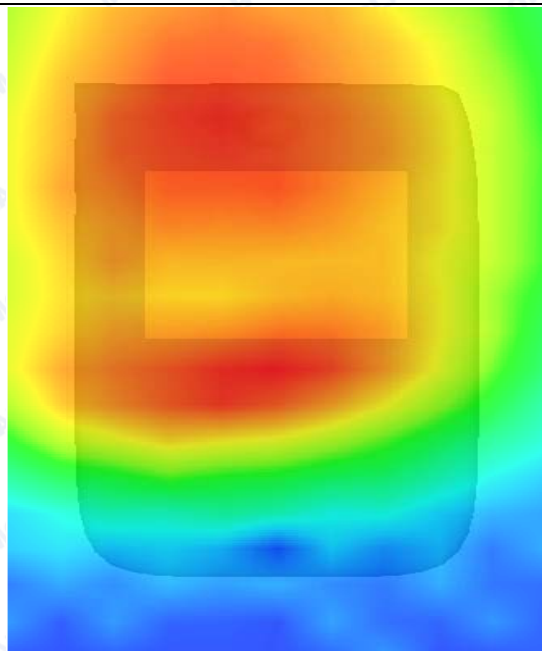
Z axis scan



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: 2016.04.10

Measurement duration: 9 minutes 32 seconds

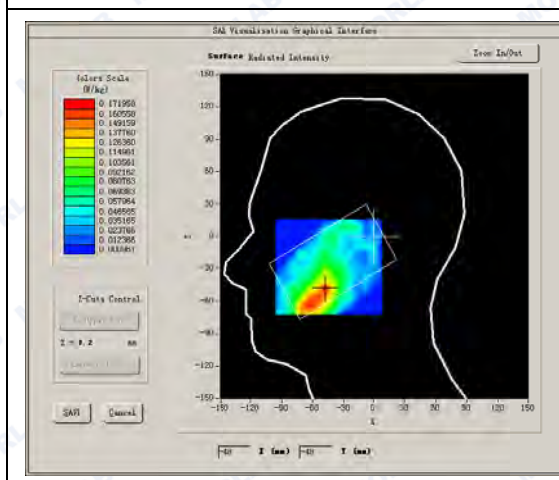
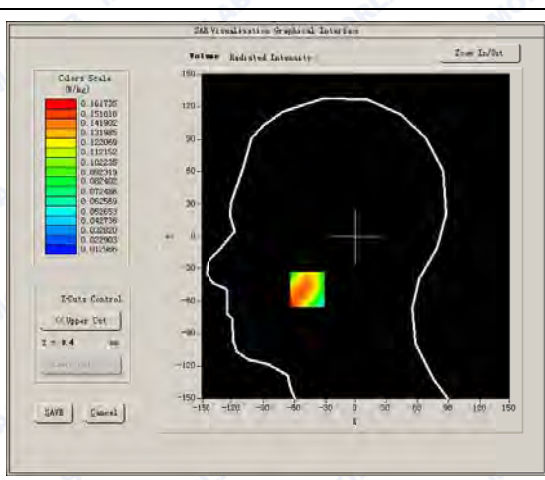
A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Cheek
Band	GSM1900
Channels	Middle
Signal	GSM

B. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
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**



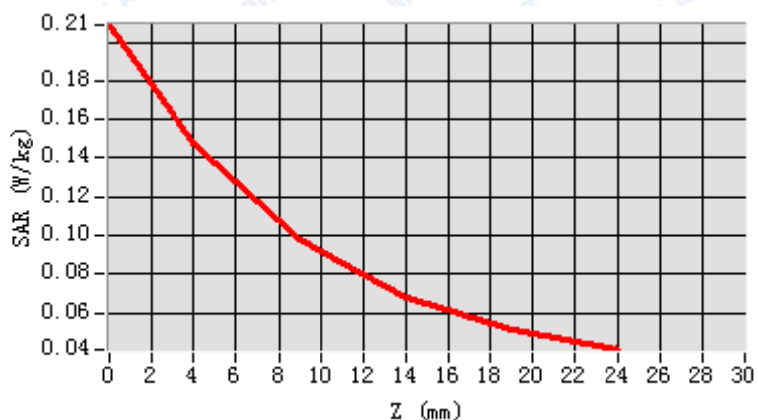
REPORT No. : SZ16030070S01

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

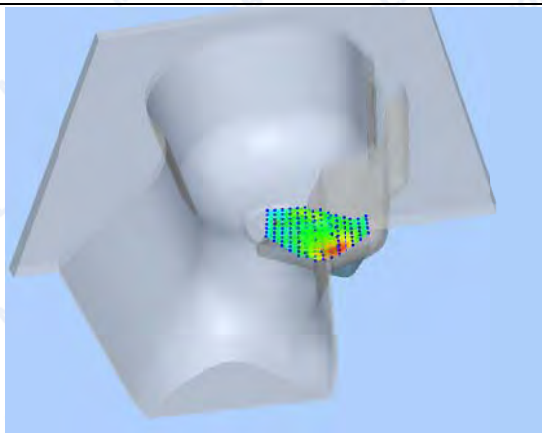
SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.092015
SAR 1g (W/Kg)	0.142703

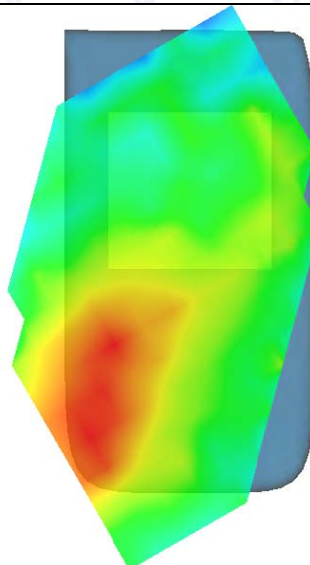
Z axis scan



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: 2016.04.10

Measurement duration: 9 minutes 31 seconds

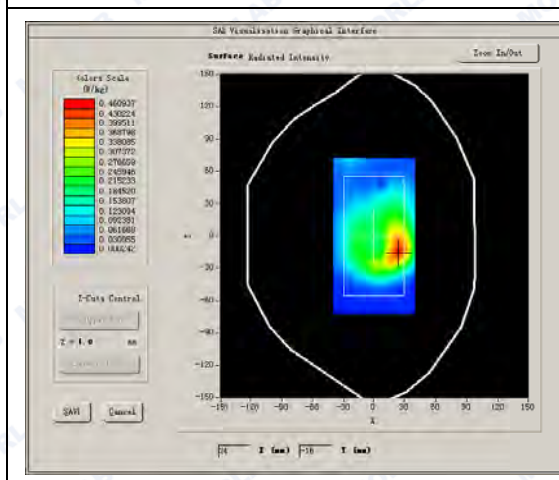
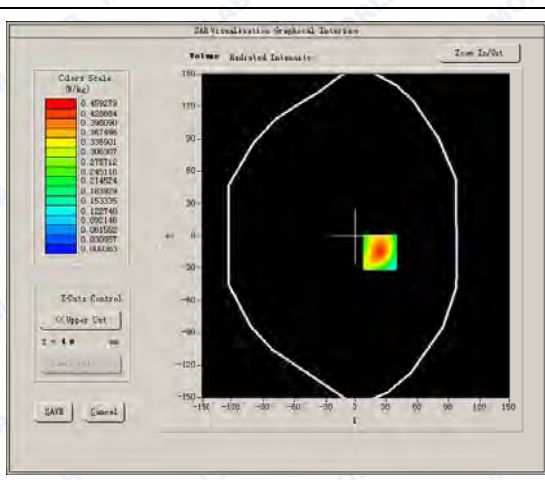
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

B. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:2

SURFACE SAR**VOLUME SAR**



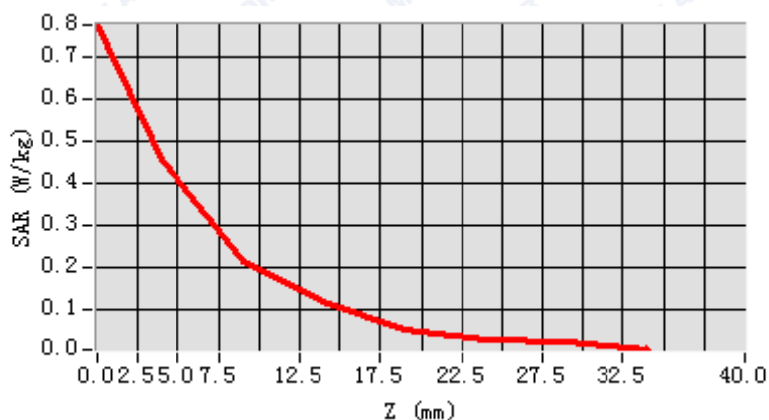
REPORT No. : SZ16030070S01

Maximum location: X=24.00, Y=-15.00

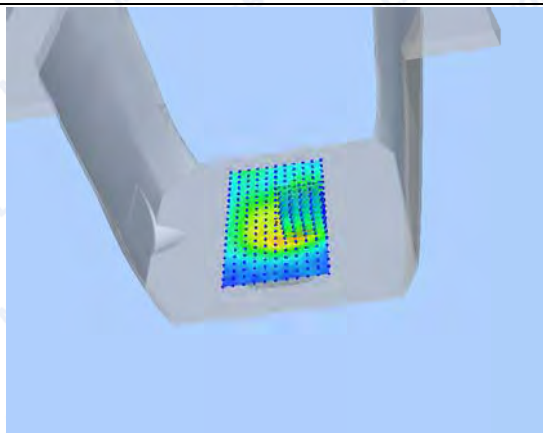
SAR Peak: 0.77 W/kg

SAR 10g (W/Kg)	0.214282
SAR 1g (W/Kg)	0.445670

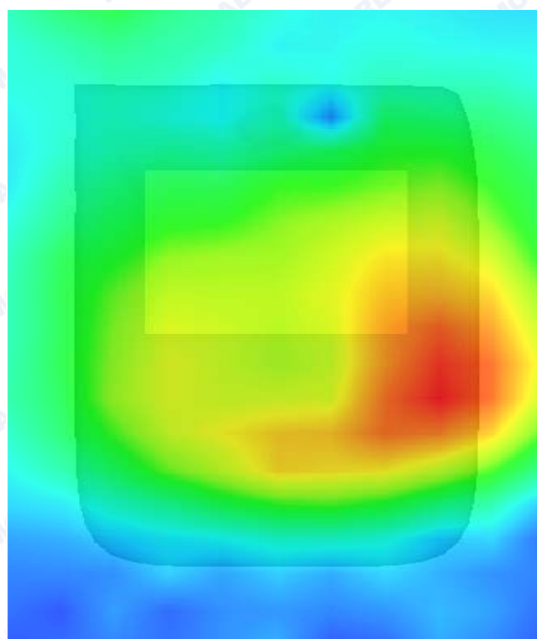
Z axis scan



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: 2016.04.07

Measurement duration: 9 minutes 30 seconds

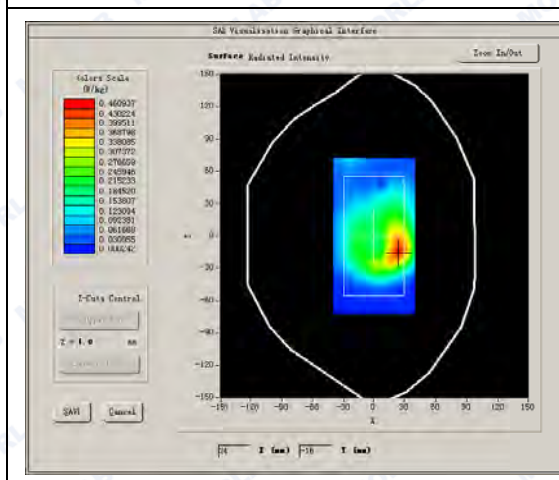
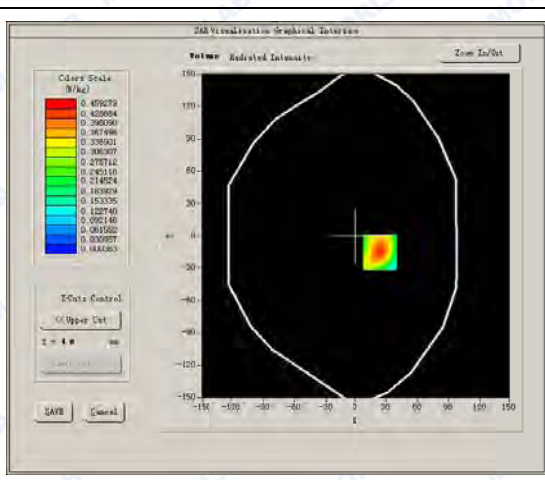
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

B. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:2

SURFACE SAR**VOLUME SAR**



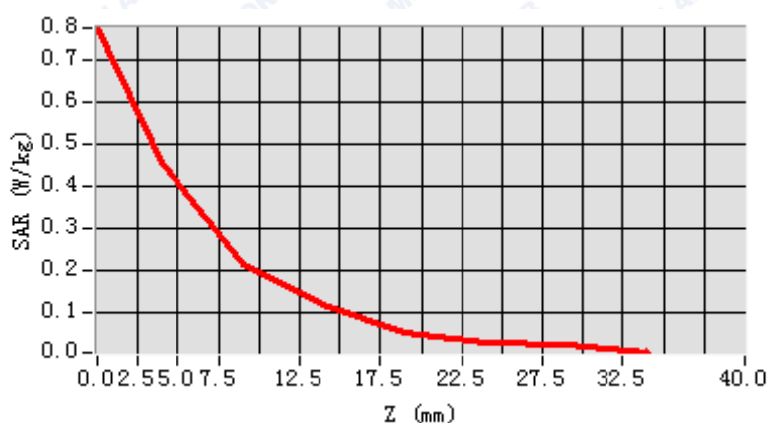
REPORT No. : SZ16030070S01

Maximum location: X=24.00, Y=-15.00

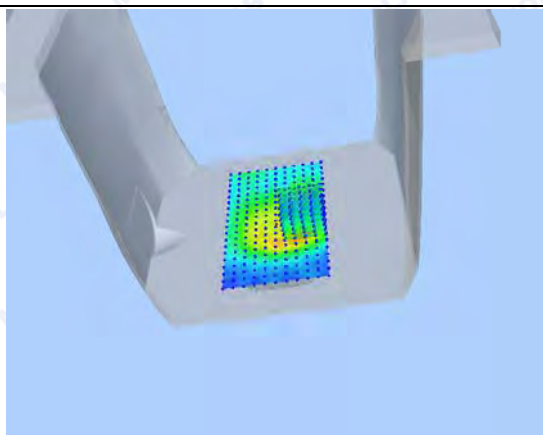
SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.230251
SAR 1g (W/Kg)	0.486894

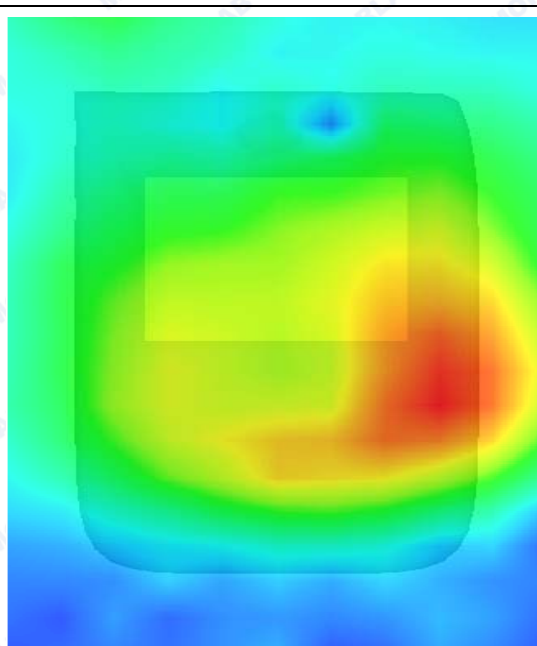
Z axis scan



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: 2016.04.09

Measurement duration: 9 minutes 18 seconds

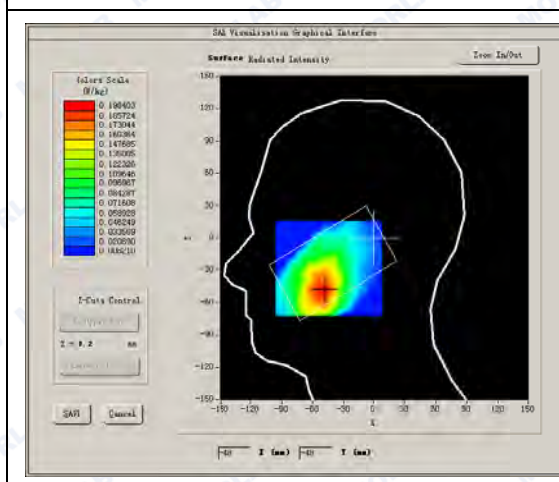
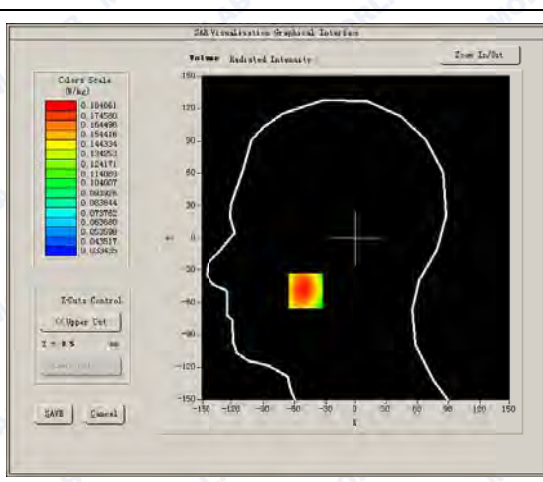
A. Experimental conditions.

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

B. SAR Measurement Results

Low Band SAR (Channel 4132):

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

SURFACE SAR**VOLUME SAR**



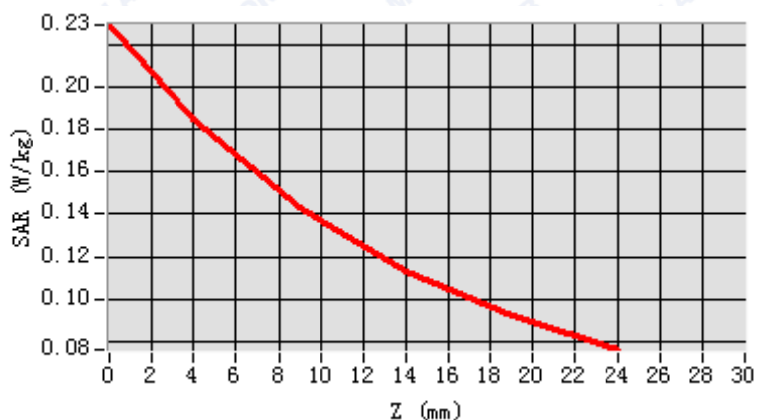
REPORT No. : SZ16030070S01

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

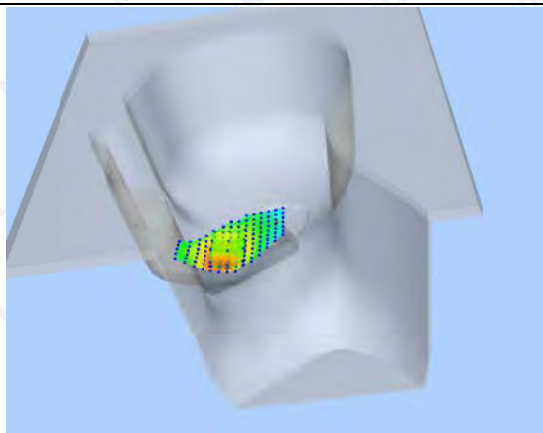
SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.138327
SAR 1g (W/Kg)	0.180988

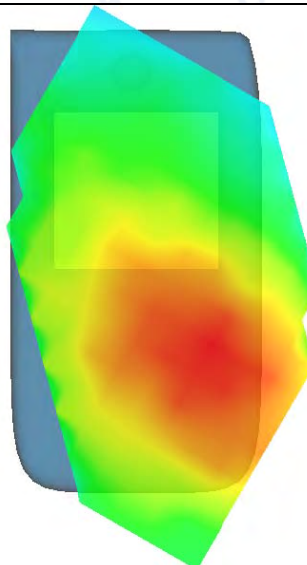
Z axis scan



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: 2016.04.09

Measurement duration: 9 minutes 28 seconds

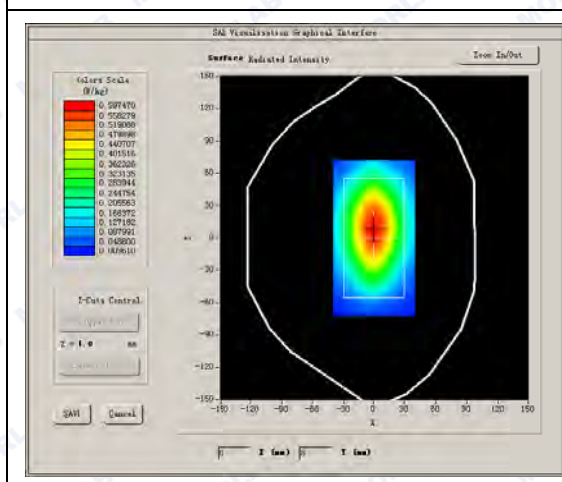
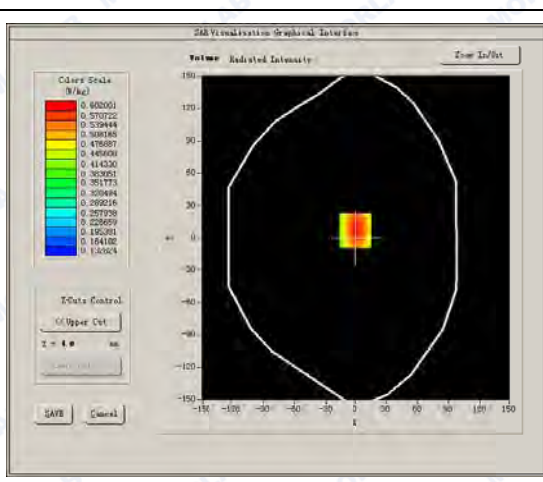
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

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

SURFACE SAR**VOLUME SAR**



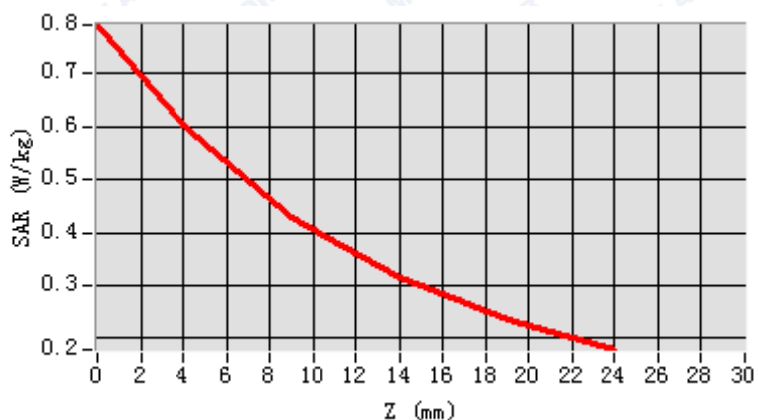
REPORT No. : SZ16030070S01

Maximum location: X=-1.00, Y=7.00

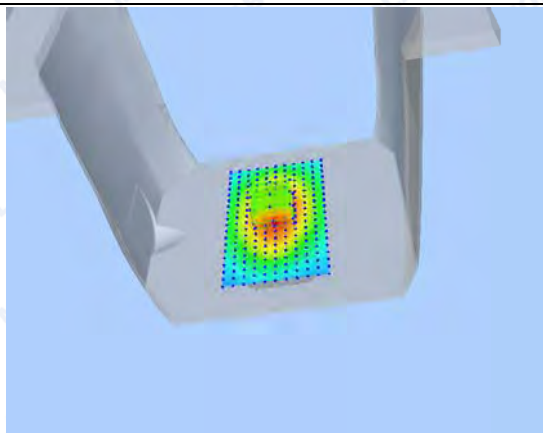
SAR Peak: 0.86 W/kg

SAR 10g (W/Kg)	0.433264
SAR 1g (W/Kg)	0.622587

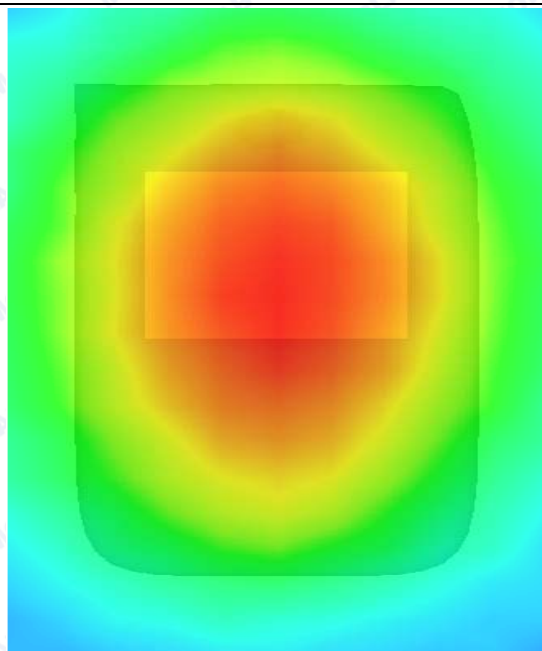
Z axis scan



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: 2016.04.10

Measurement duration: 9 minutes 37 seconds

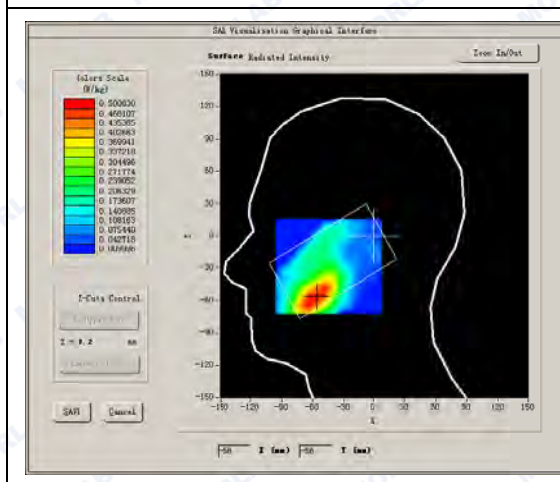
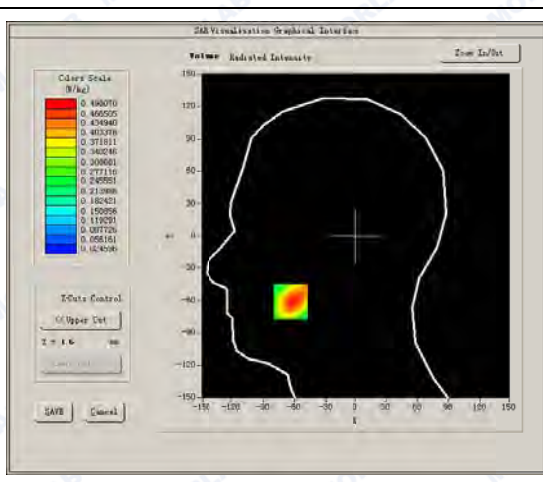
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 9538):

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

SURFACE SAR**VOLUME SAR**



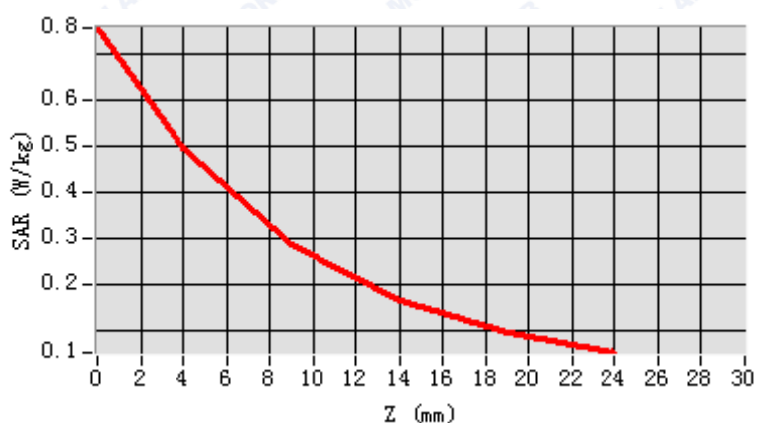
REPORT No. : SZ16030070S01

Maximum location: X=-64.00, Y=-61.00

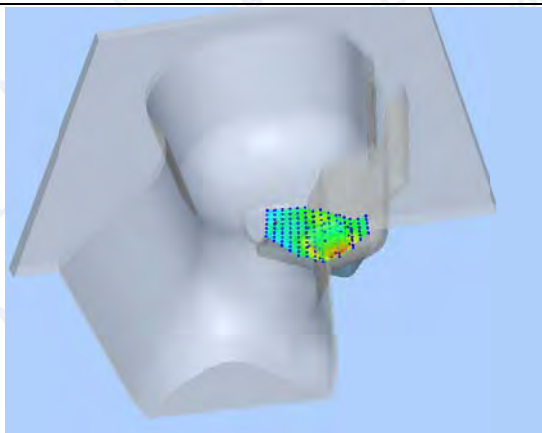
SAR Peak: 0.76 W/kg

SAR 10g (W/Kg)	0.267866
SAR 1g (W/Kg)	0.472459

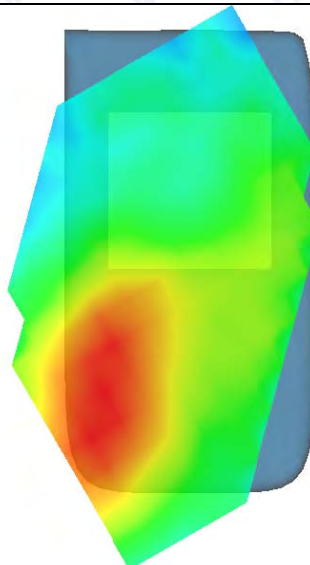
Z axis scan



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: 2016.04.10

Measurement duration: 9 minutes 31 seconds

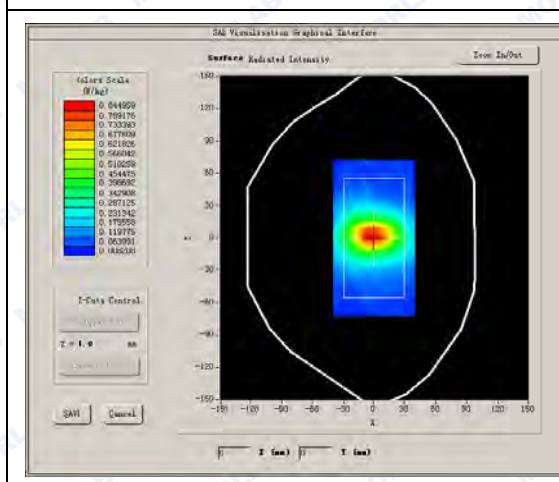
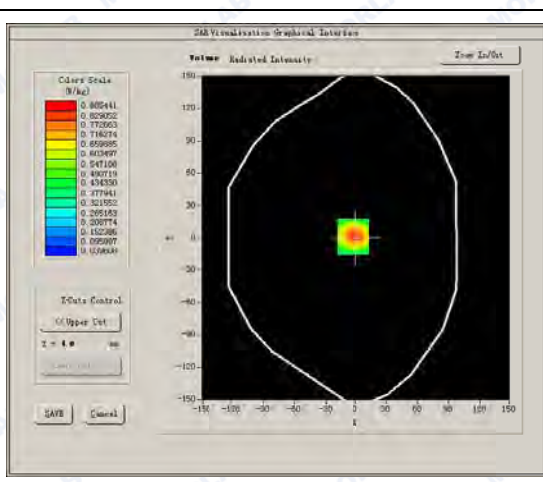
A. Experimental conditions.

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

B. SAR Measurement Results

Low Band SAR (Channel 9262):

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

SURFACE SAR**VOLUME SAR**



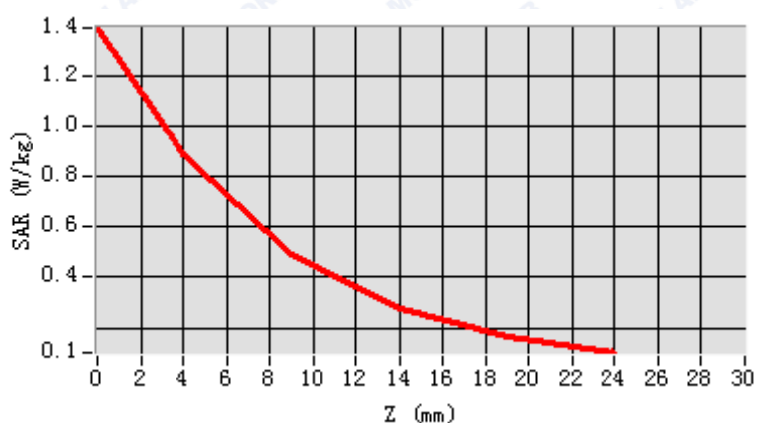
REPORT No. : SZ16030070S01

Maximum location: X=-3.00, Y=1.00

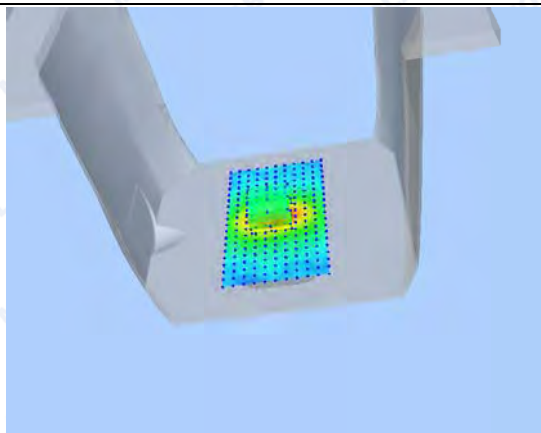
SAR Peak: 1.52 W/kg

SAR 10g (W/Kg)	0.492235
SAR 1g (W/Kg)	0.970811

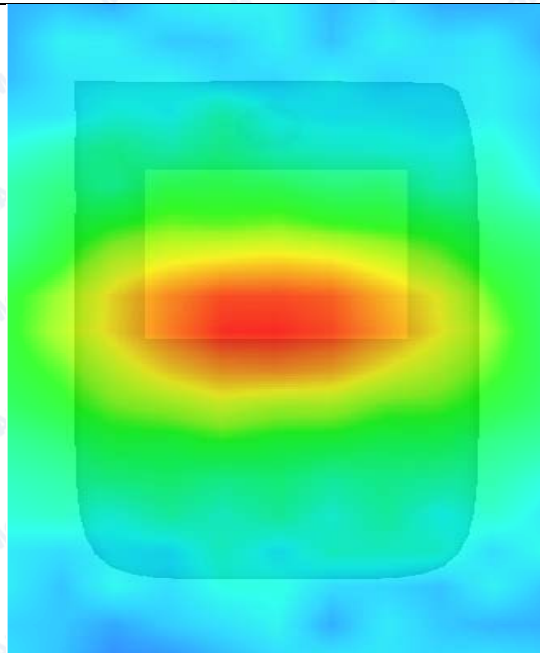
Z axis scan



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: 2016.04.10

Measurement duration: 9 minutes 31 seconds

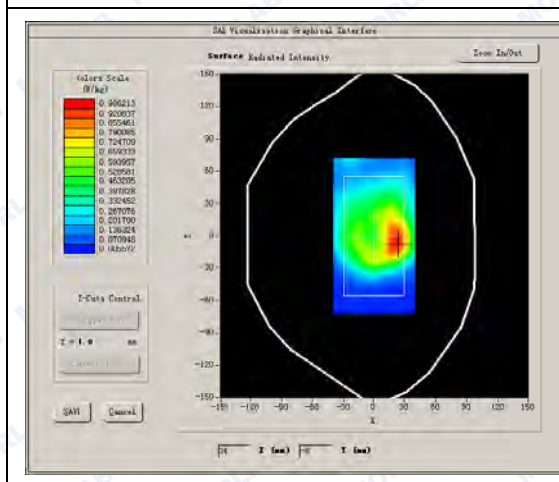
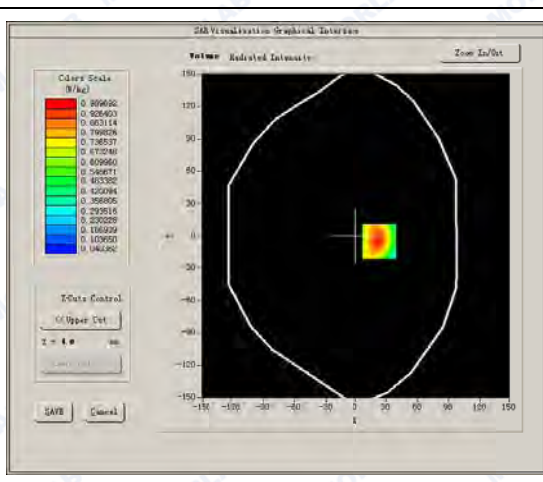
A. Experimental conditions.

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)	1852.400000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift (%)	1.140000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



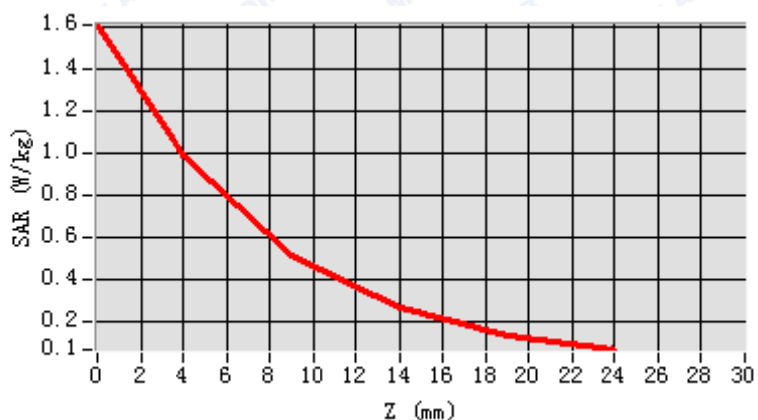
REPORT No. : SZ16030070S01

Maximum location: X=23.00, Y=-5.00

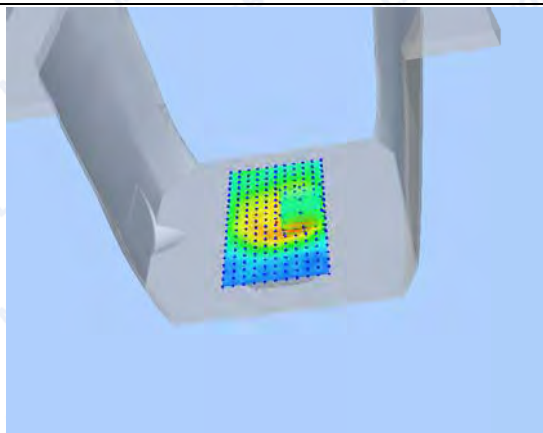
SAR Peak: 1.76 W/kg

SAR 10g (W/Kg)	0.545323
SAR 1g (W/Kg)	0.994368

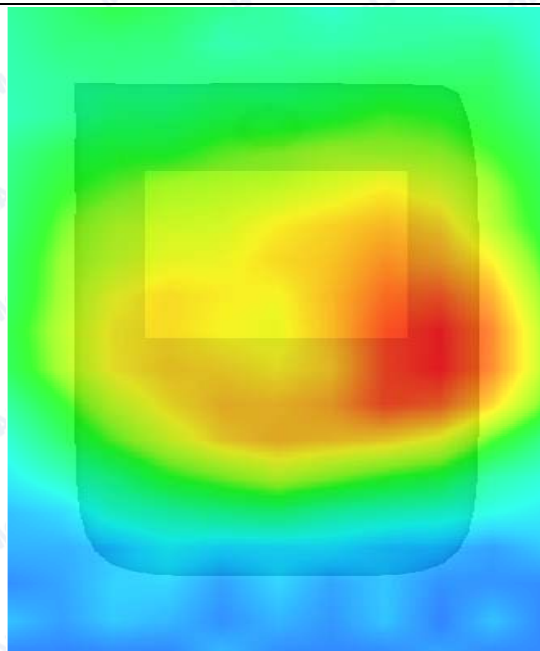
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 12**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.11

Measurement duration: 7 minutes 47 seconds

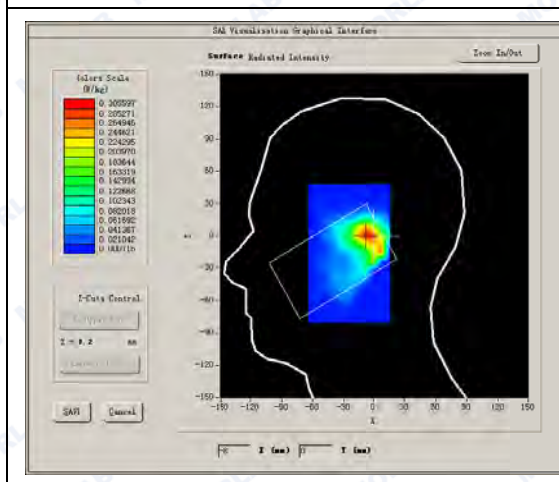
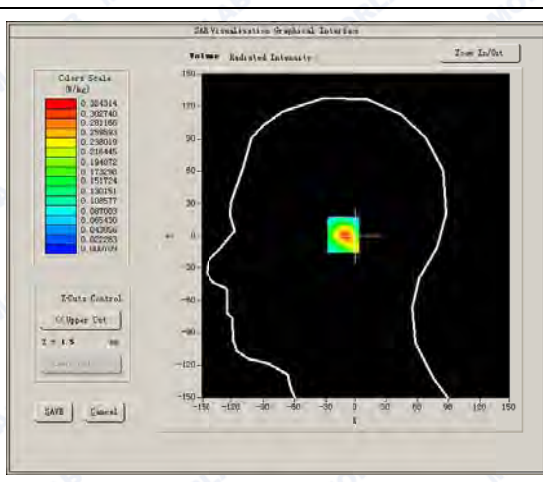
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 6)

Frequency (MHz)	2437.000000
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**



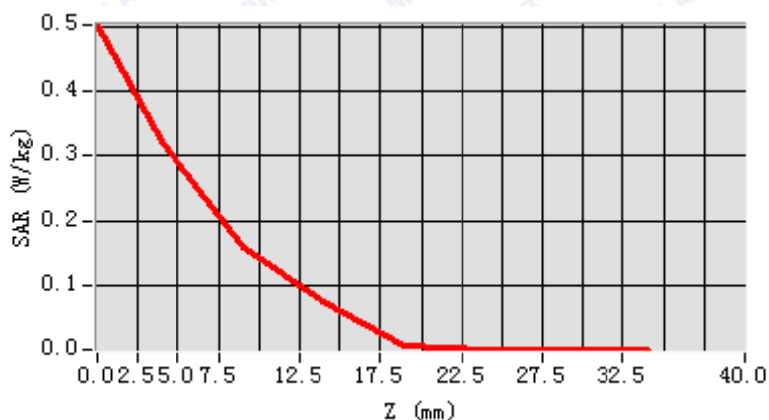
REPORT No. : SZ16030070S01

Maximum location: X=-7.00, Y=1.00

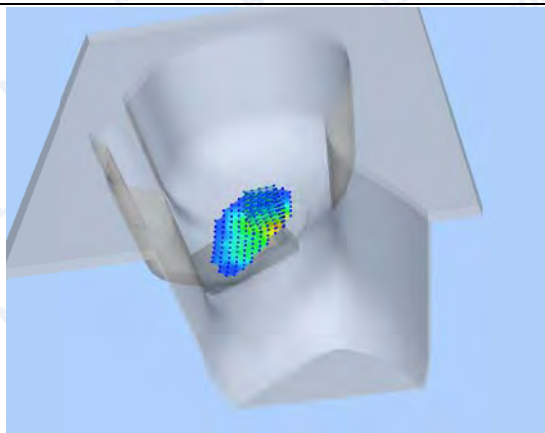
SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.149424
SAR 1g (W/Kg)	0.349685

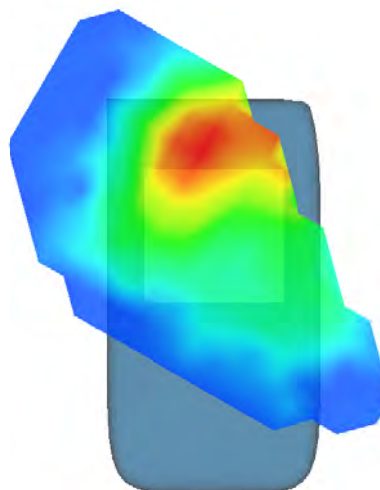
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 13**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.11

Measurement duration: 9 minutes 37 seconds

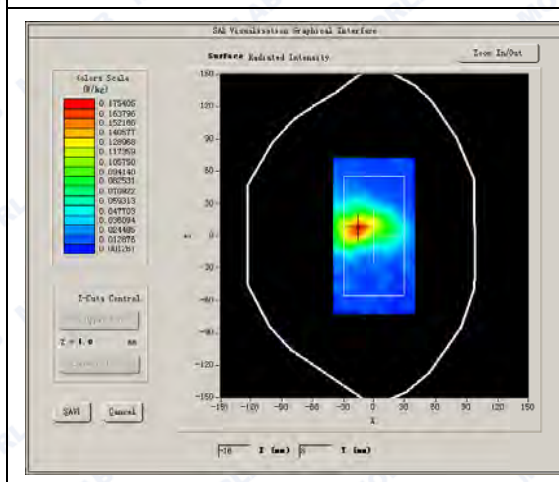
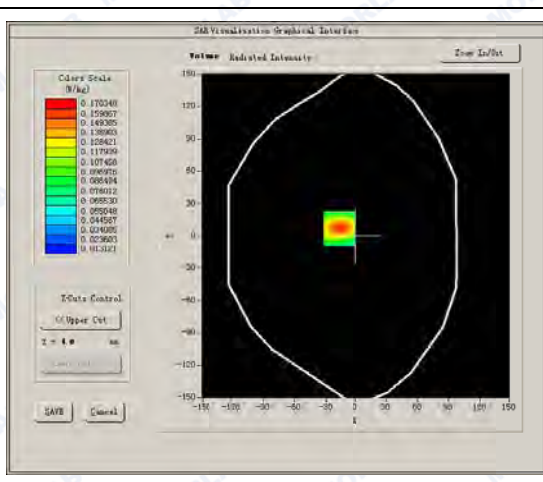
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 6)

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**



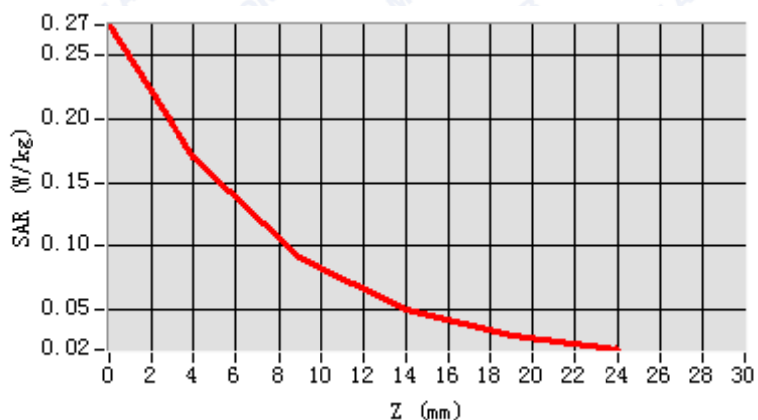
REPORT No. : SZ16030070S01

Maximum location: X=-16.00, Y=7.00

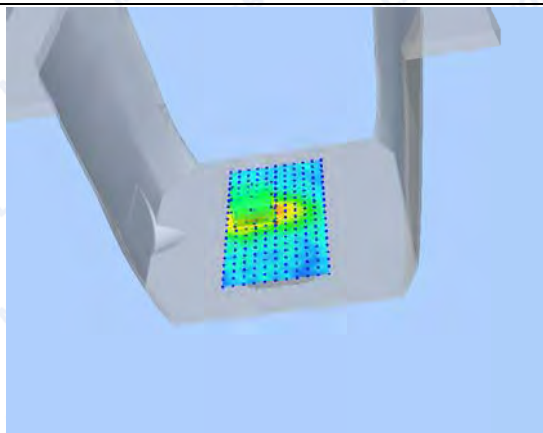
SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.096536
SAR 1g (W/Kg)	0.150509

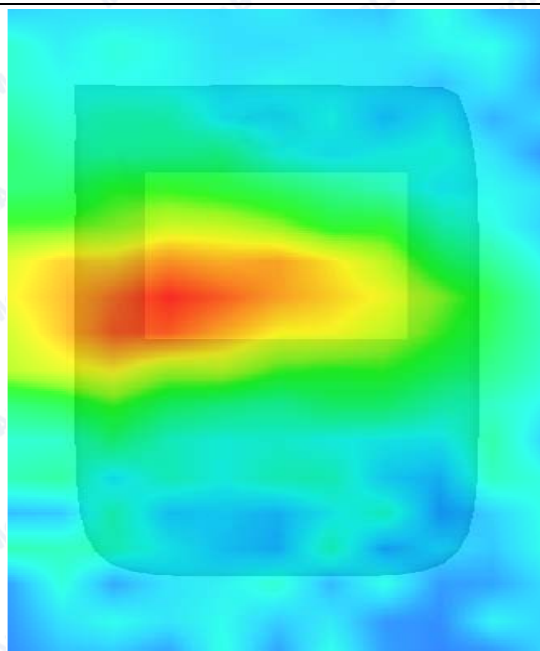
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 14**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.11

Measurement duration: 9 minutes 31 seconds

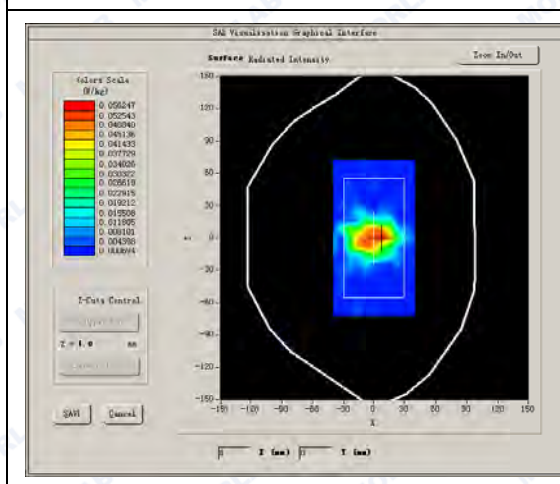
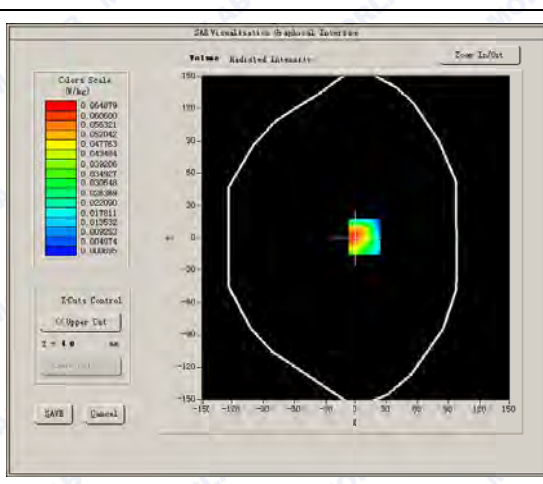
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 6)

Frequency (MHz)	2437.000000
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**



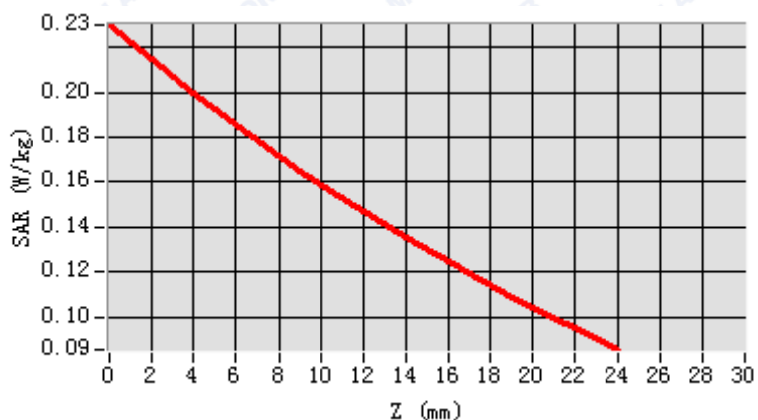
REPORT No. : SZ16030070S01

Maximum location: X=9.00, Y=23.00

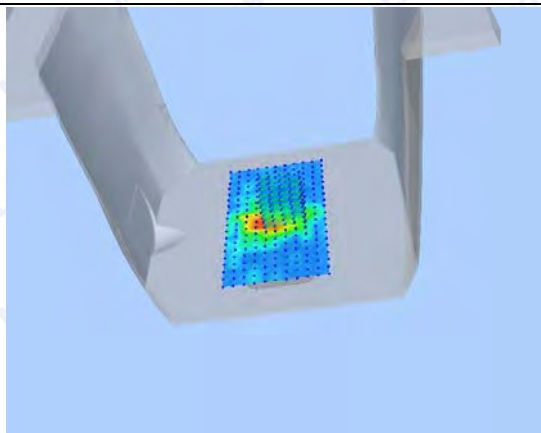
SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.166195
SAR 1g (W/Kg)	0.209247

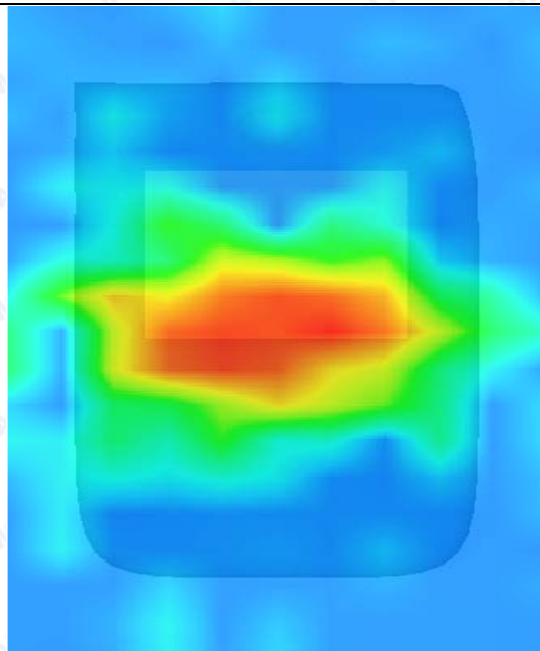
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 15**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

Measurement duration: 8 minutes 17 seconds

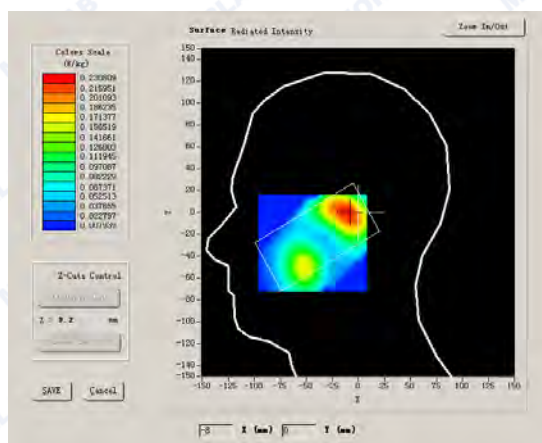
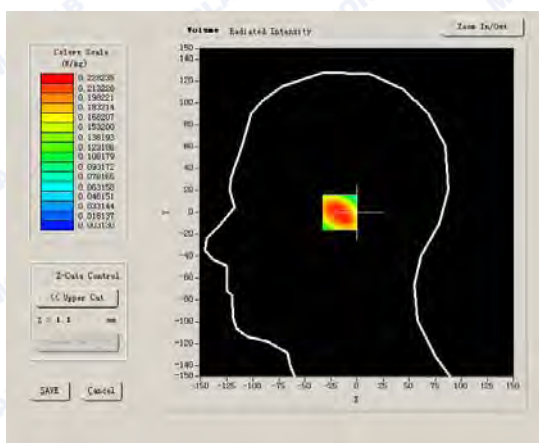
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

Higher Band SAR (Channel 48)

Frequency (MHz)	5240.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	0.510000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



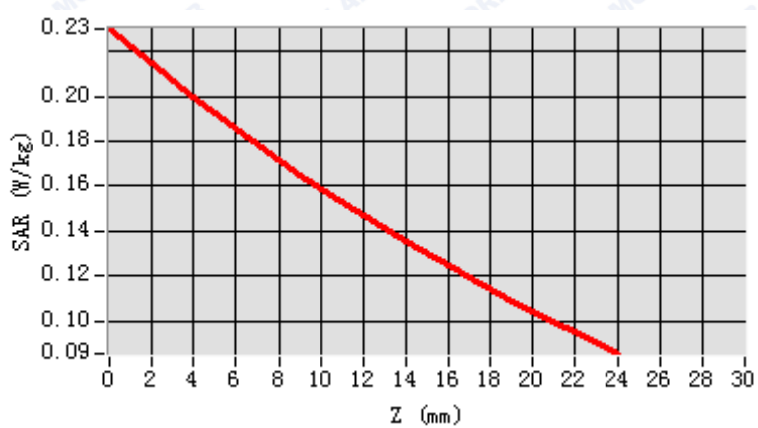
REPORT No. : SZ16030070S01

Maximum location: X=9.00, Y=23.00

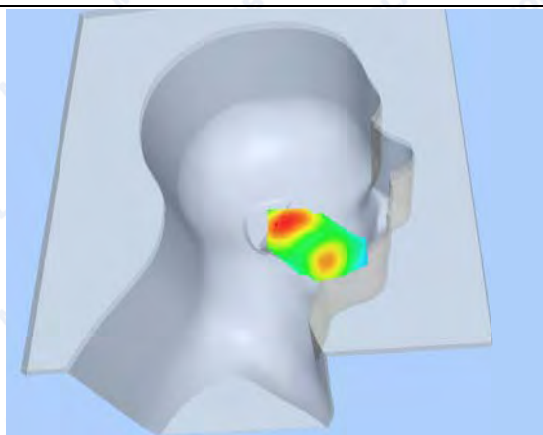
SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.167532
SAR 1g (W/Kg)	0.210357

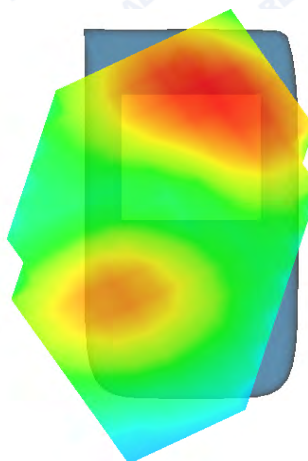
Z axis scan



3D scene shot



Hot spot position



**MEASUREMENT 16**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

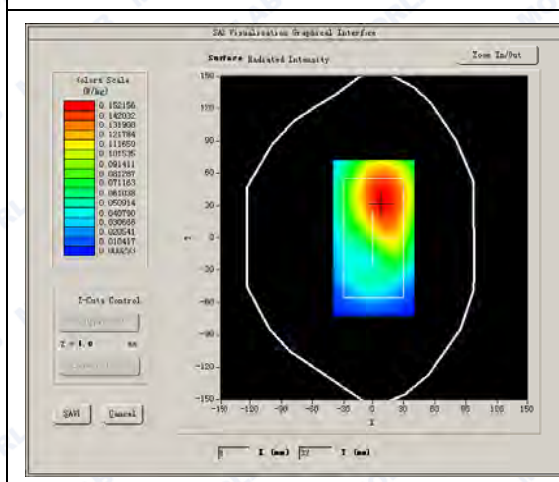
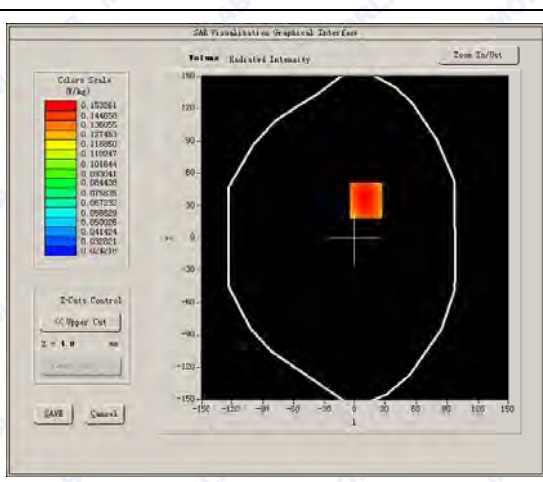
Measurement duration: 9 minutes 10 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results**Low Band SAR (Channel 149)**

Frequency (MHz)	5240.000000
Relative permittivity (real part)	48.093428
Conductivity (S/m)	5.930716
Power drift (%)	-1.120000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



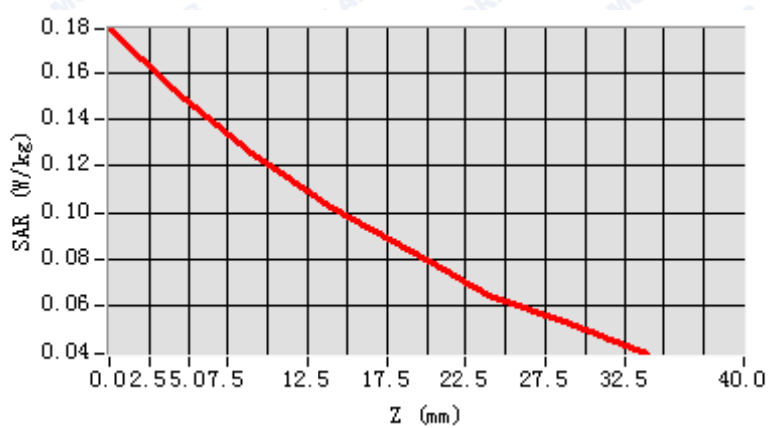
REPORT No. : SZ16030070S01

Maximum location: X=11.00, Y=35.00

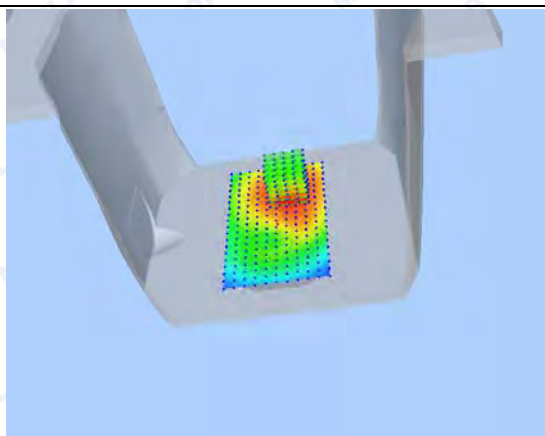
SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.125644
SAR 1g (W/Kg)	0.251677

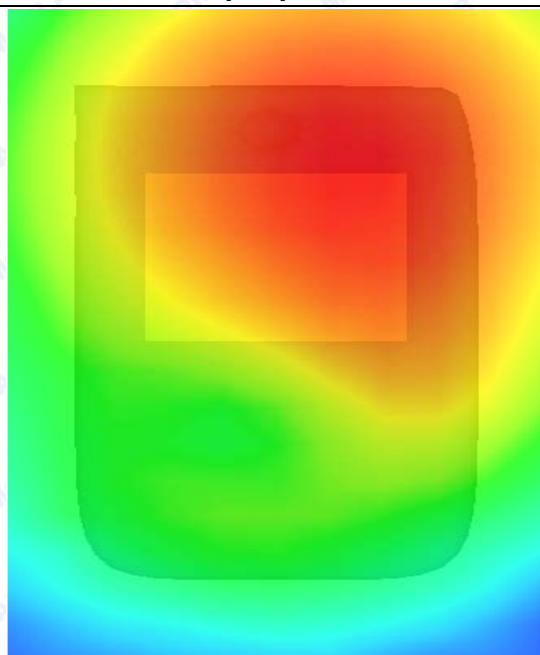
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 17**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

Measurement duration: 9 minutes 10 seconds

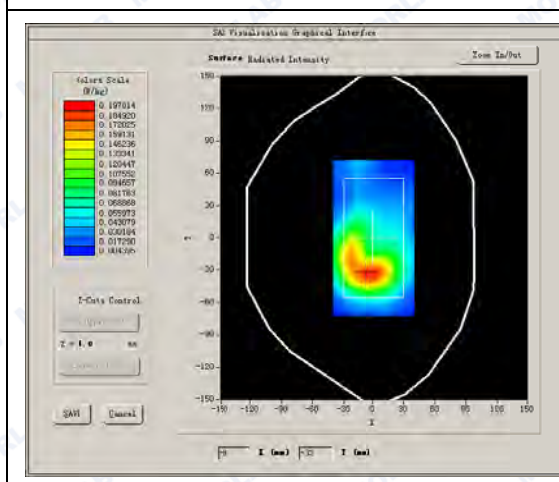
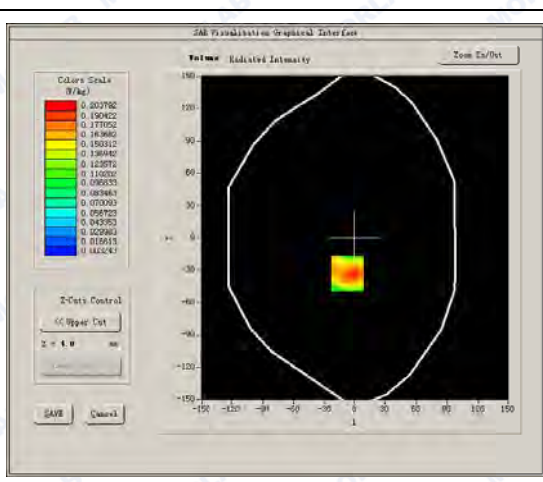
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 48)

Frequency (MHz)	5240.000000
Relative permittivity (real part)	48.093428
Conductivity (S/m)	5.930716
Power drift (%)	-1.230000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.47
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



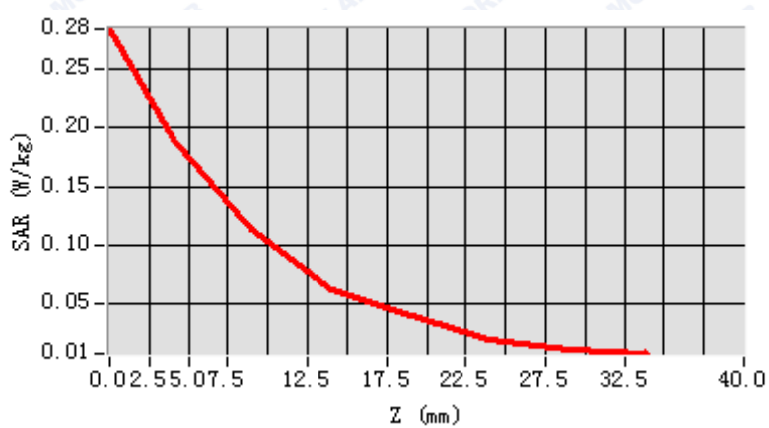
REPORT No. : SZ16030070S01

Maximum location: X=-7.00, Y=-33.00

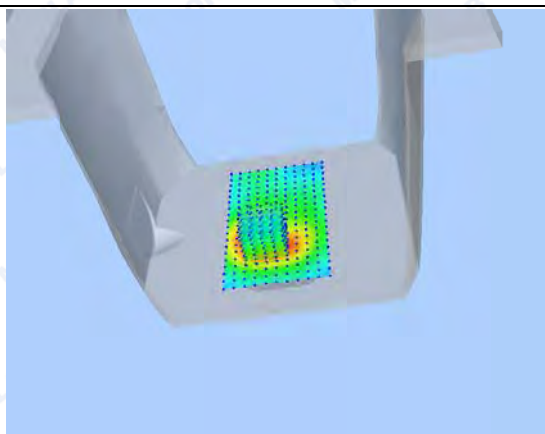
SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.115834
SAR 1g (W/Kg)	0.206937

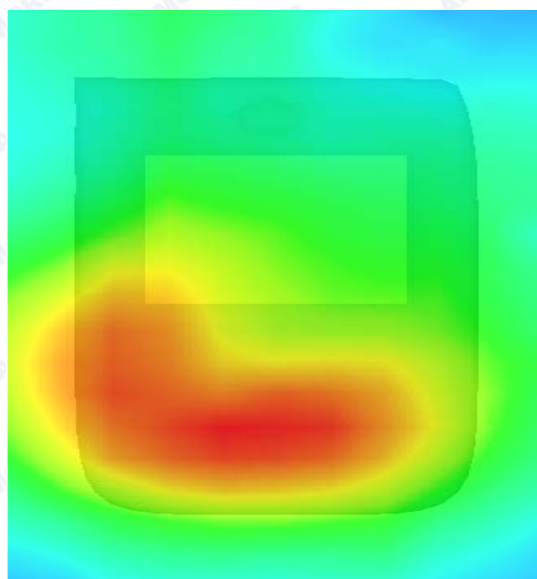
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 18**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

Measurement duration: 8 minutes 17 seconds

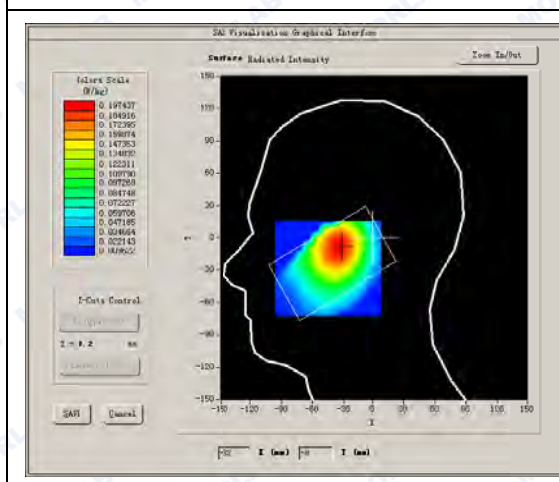
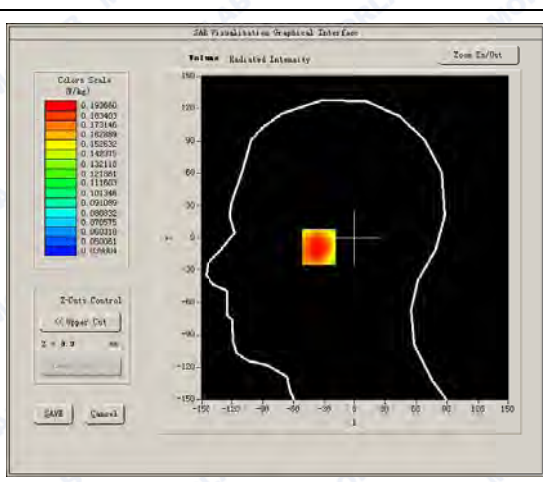
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 64)

Frequency (MHz)	5320.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	0.510000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



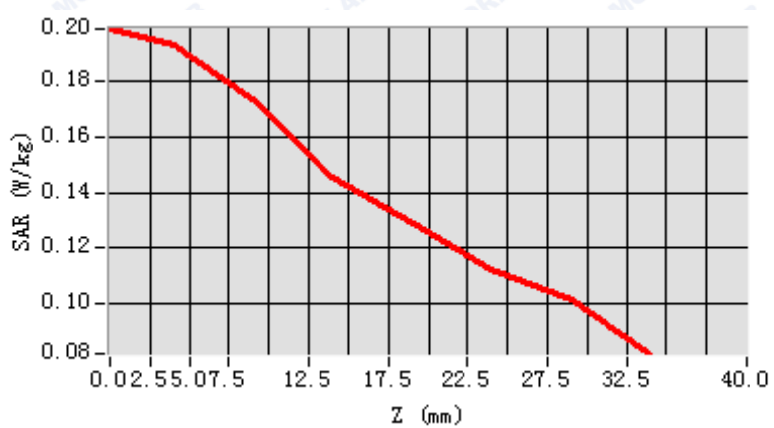
REPORT No. : SZ16030070S01

Maximum location: X=-33.00, Y=-8.00

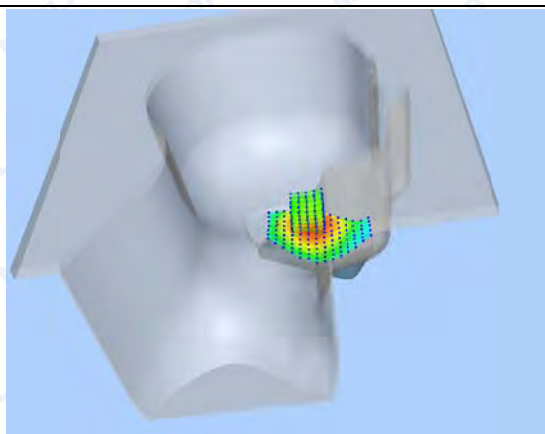
SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.152395
SAR 1g (W/Kg)	0.187560

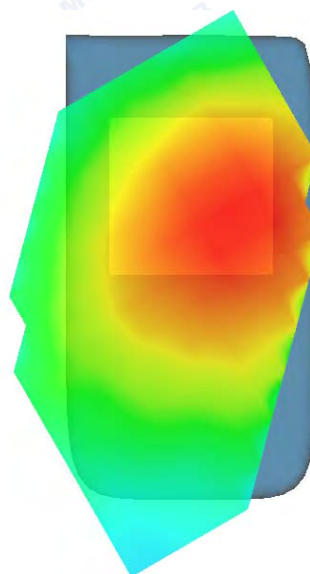
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 19**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

Measurement duration: 9 minutes 10 seconds

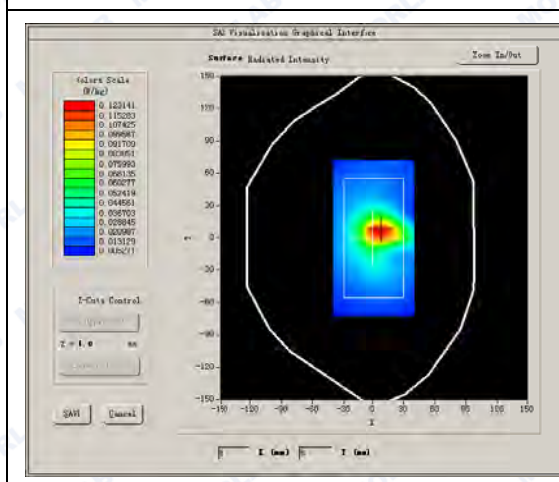
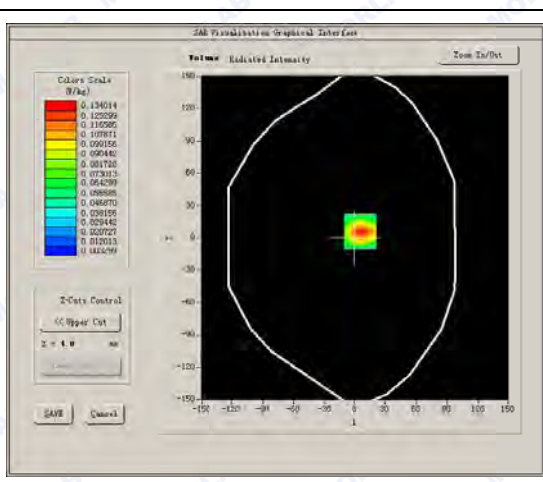
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 64)

Frequency (MHz)	5320.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-1.520000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



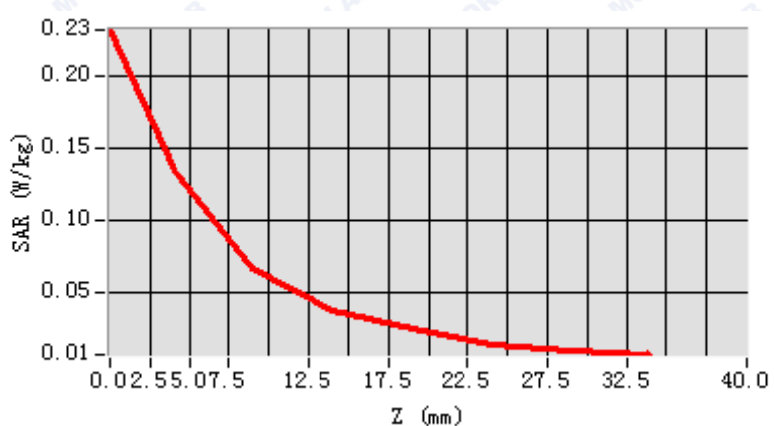
REPORT No. : SZ16030070S01

Maximum location: X=5.00, Y=6.00

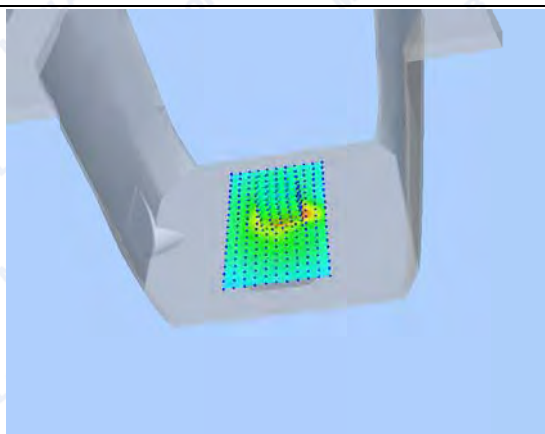
SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.071586
SAR 1g (W/Kg)	0.148683

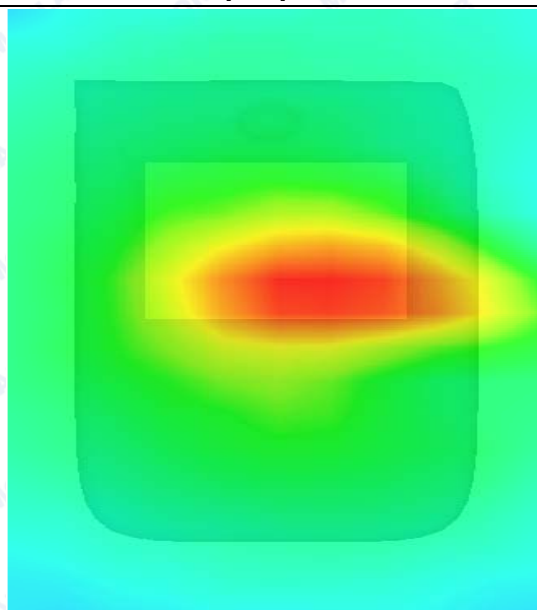
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 20**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

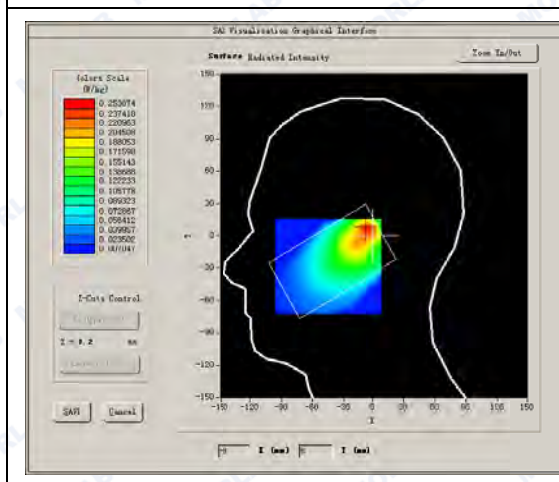
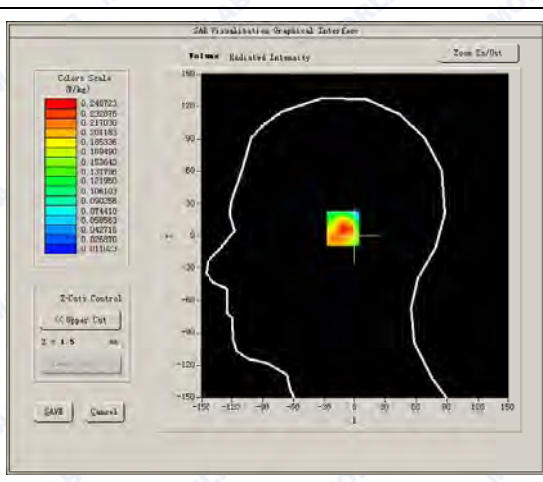
Measurement duration: 8 minutes 17 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results**Low Band SAR (Channel 100)**

Frequency (MHz)	5500.000000
Relative permittivity (real part)	35.124097
Conductivity (S/m)	4.976918
Power drift (%)	-0.380000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.33
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



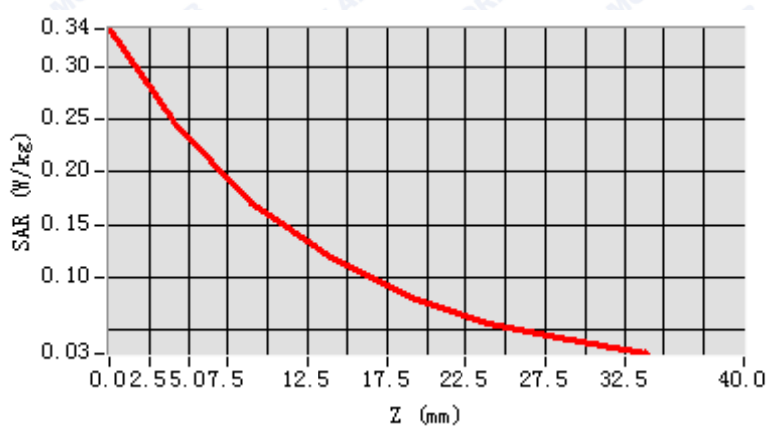
REPORT No. : SZ16030070S01

Maximum location: X=-7.00, Y=7.00

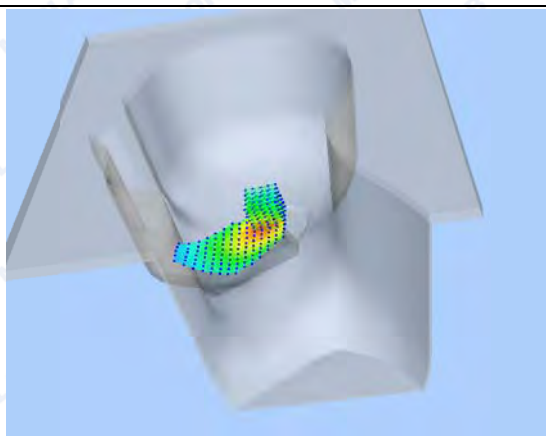
SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.154054
SAR 1g (W/Kg)	0.238155

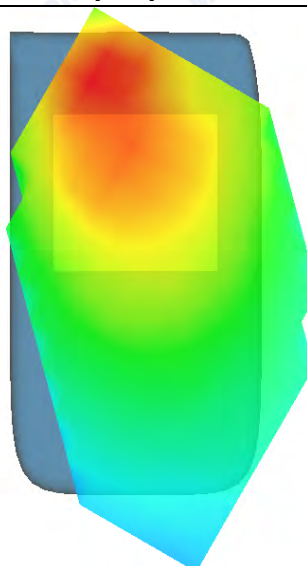
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 21**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

Measurement duration: 9 minutes 10 seconds

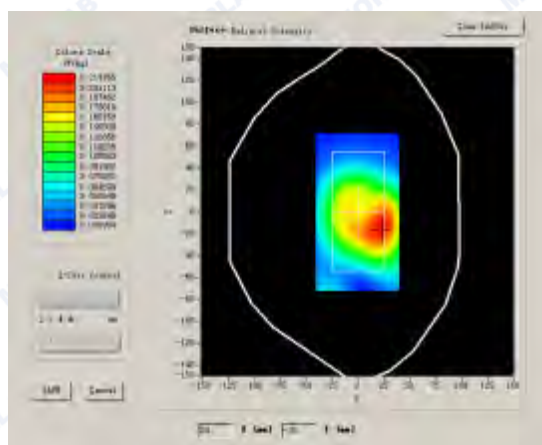
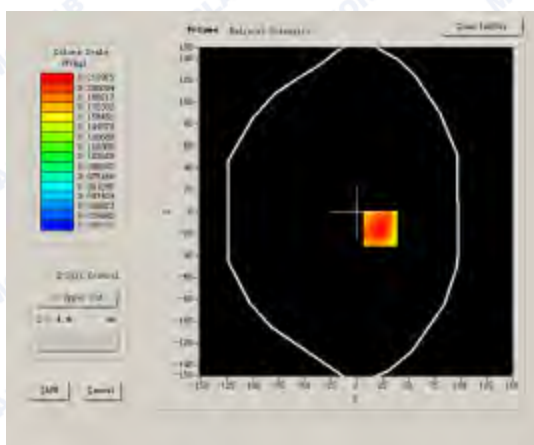
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 100)

Frequency (MHz)	5500.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-1.520000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



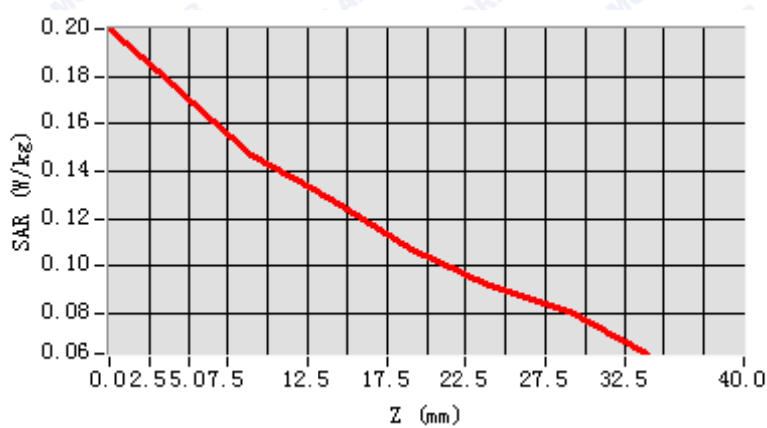
REPORT No. : SZ16030070S01

Maximum location: X=23.00, Y=-15.00

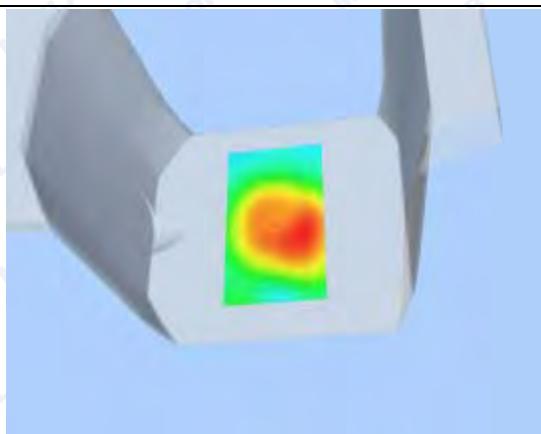
SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.133736
SAR 1g (W/Kg)	0.224335

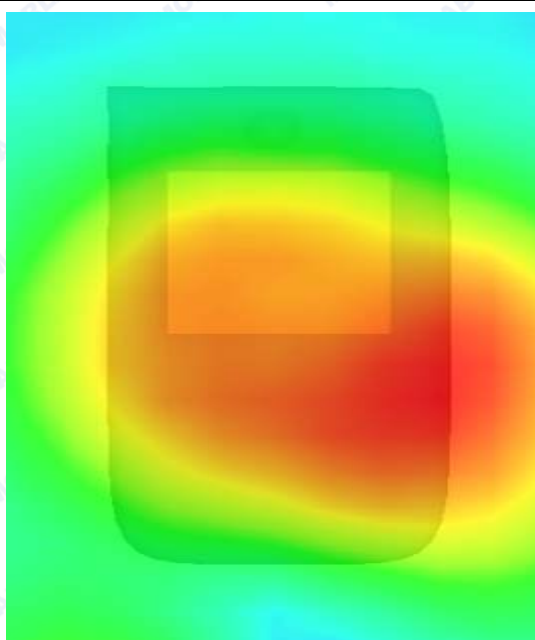
Z axis scan



3D scene shot



Hot spot position



**MEASUREMENT 22**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

Measurement duration: 8 minutes 17 seconds

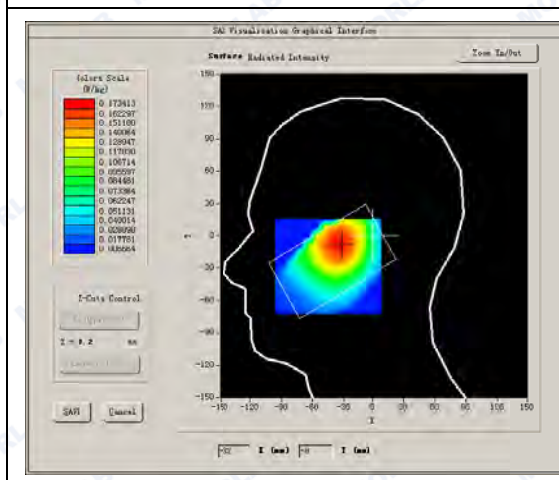
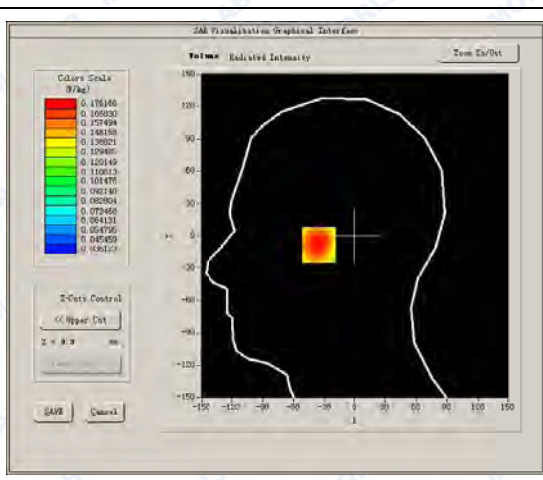
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 165)

Frequency (MHz)	5825.000000
Relative permittivity (real part)	34.950000
Conductivity (S/m)	5.1700000
Power drift (%)	-0.180000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.64
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



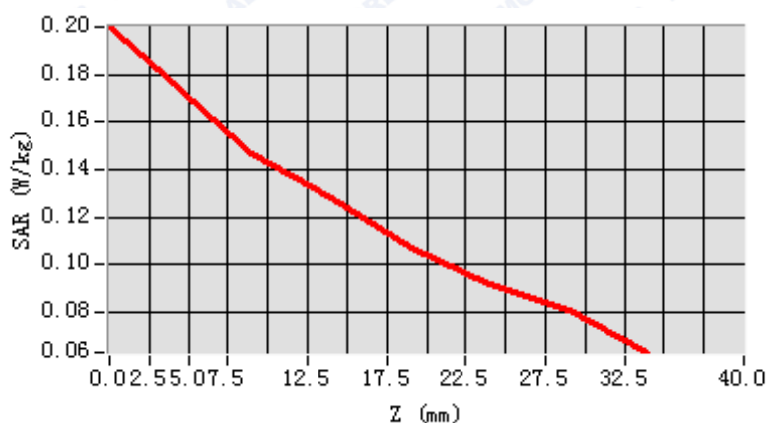
REPORT No. : SZ16030070S01

Maximum location: X=-33.00, Y=-8.00

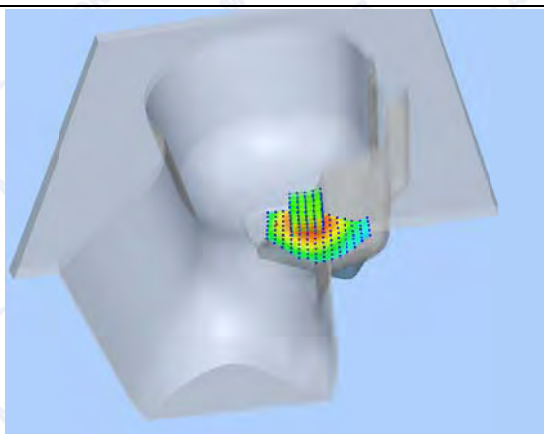
SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.135707
SAR 1g (W/Kg)	0.170890

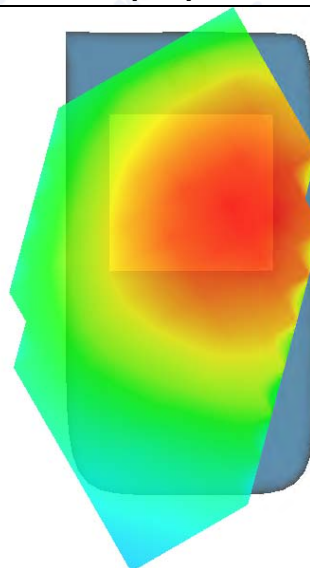
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 23**

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2016.04.12

Measurement duration: 9 minutes 10 seconds

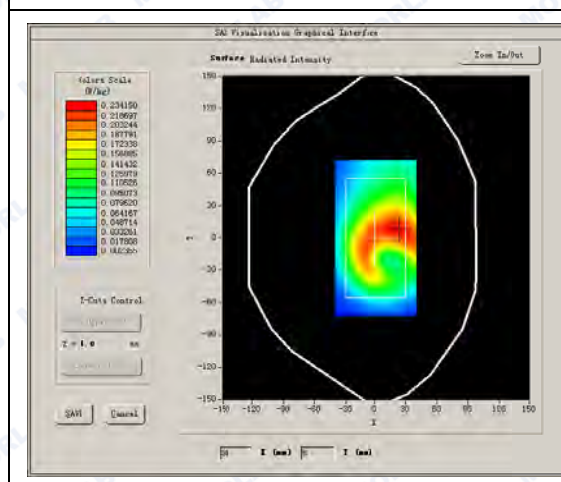
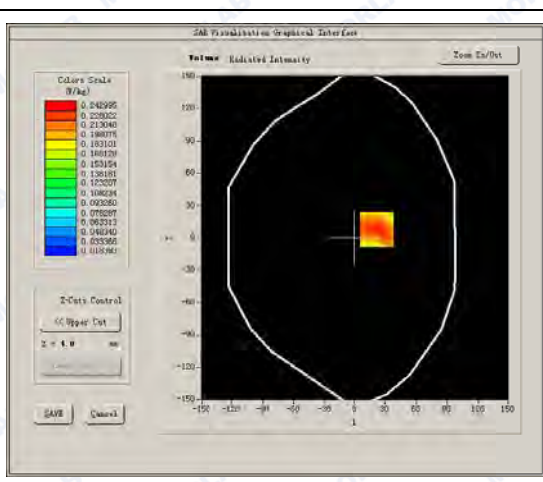
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 149)

Frequency (MHz)	5825.000000
Relative permittivity (real part)	48.093428
Conductivity (S/m)	5.930716
Power drift (%)	-0.710000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.47
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



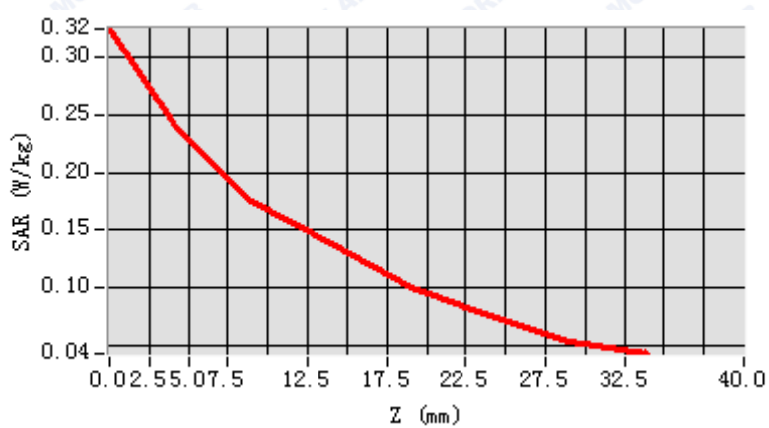
REPORT No. : SZ16030070S01

Maximum location: X=22.00, Y=8.00

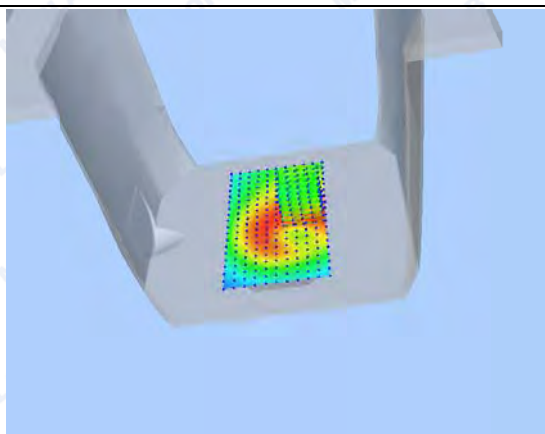
SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.179411
SAR 1g (W/Kg)	0.254298

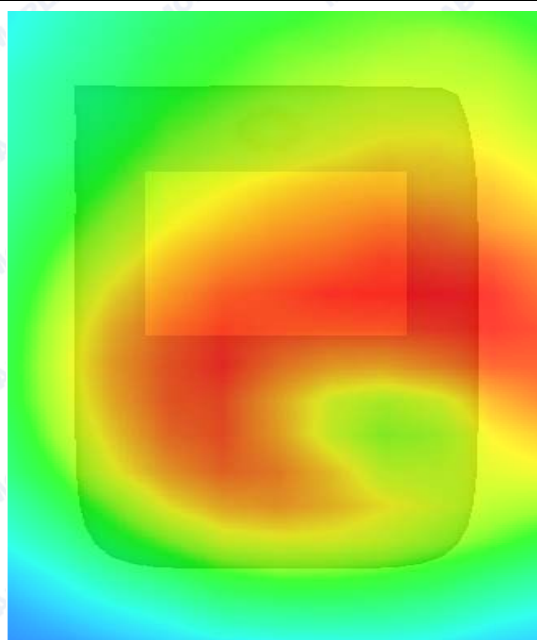
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 24**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.11

Measurement duration: 7 minutes 47 seconds

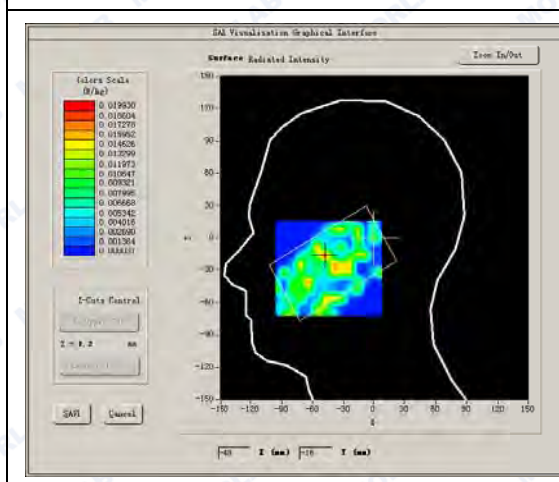
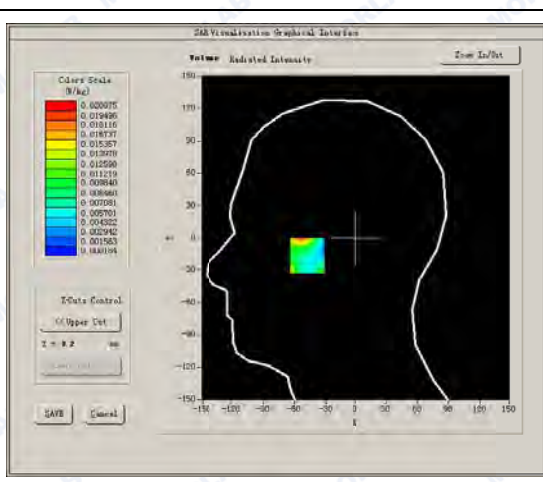
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	Bluetooth
Channels	Middle
Signal	Bluetooth

B. SAR Measurement Results

Middle Band SAR (Channel 39)

Frequency (MHz)	2441.000000
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**

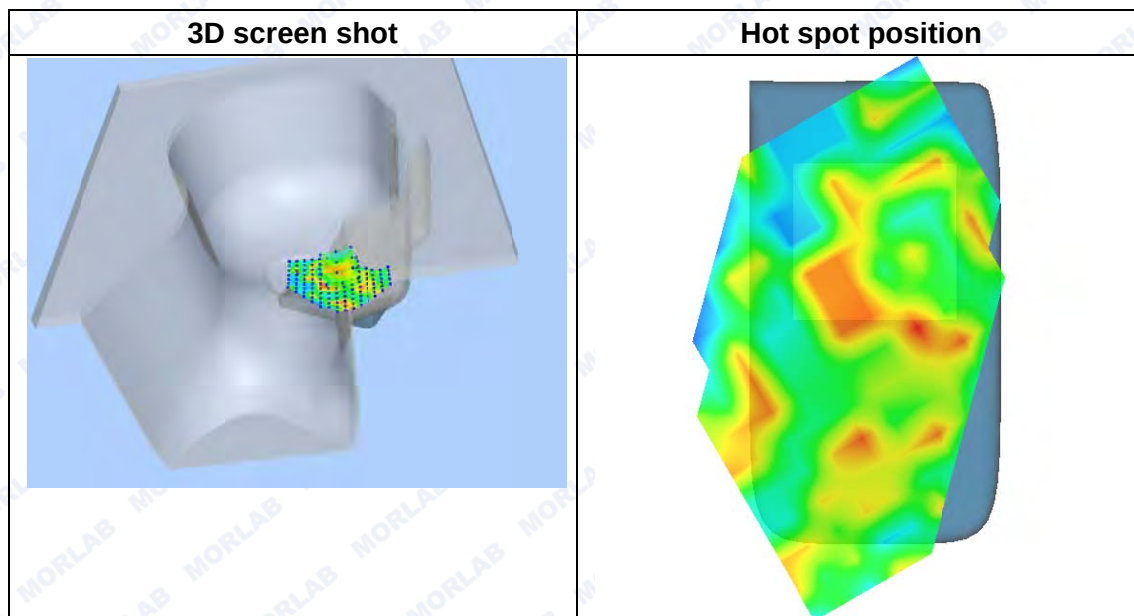
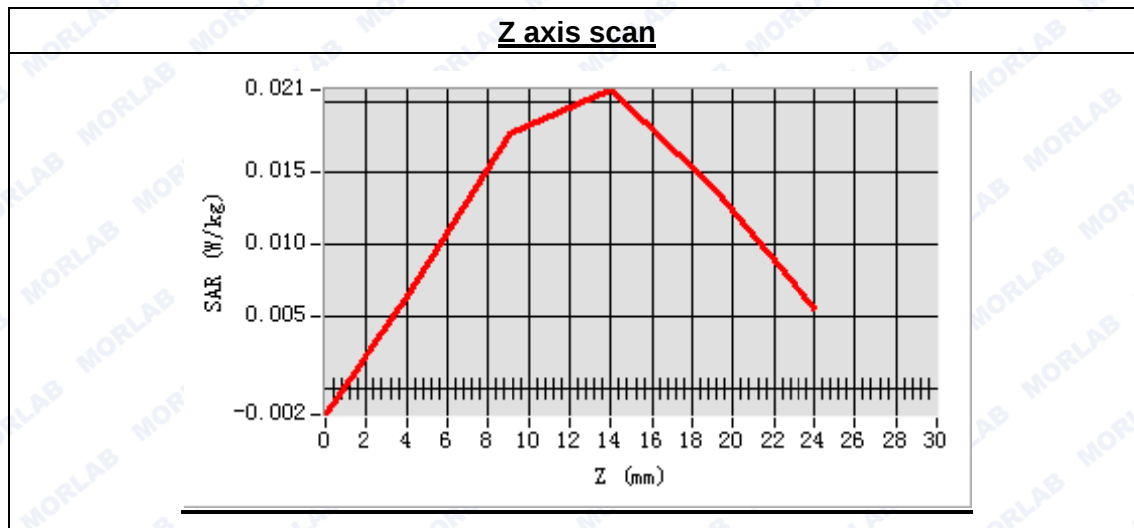


REPORT No. : SZ16030070S01

Maximum location: X=-48.00, Y=-16.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.012520
SAR 1g (W/Kg)	0.031256



**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: 2016.04.11

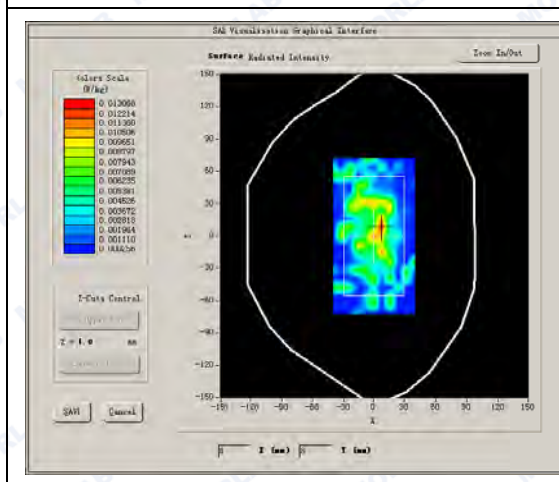
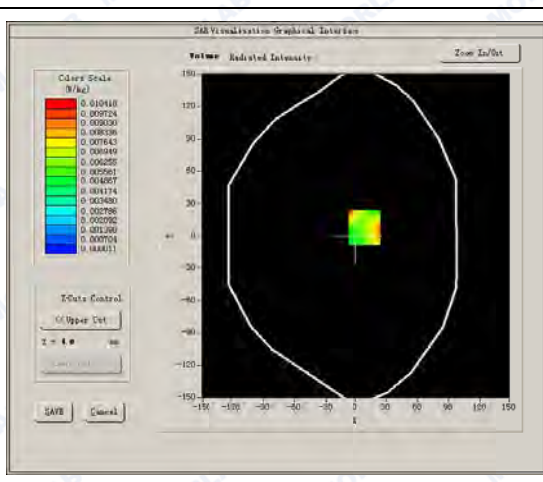
Measurement duration: 9 minutes 37 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	Bluetooth
Channels	Middle
Signal	Bluetooth

B. SAR Measurement Results**Low Band SAR (Channel 39)**

Frequency (MHz)	2441.000000
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**

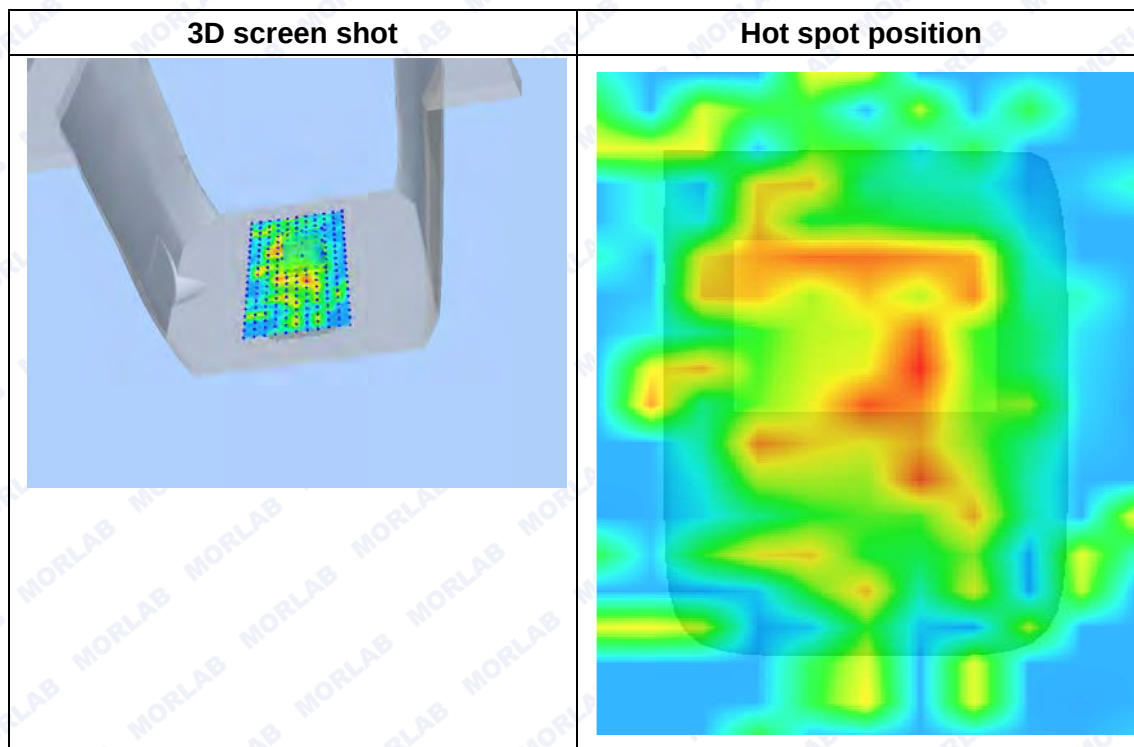
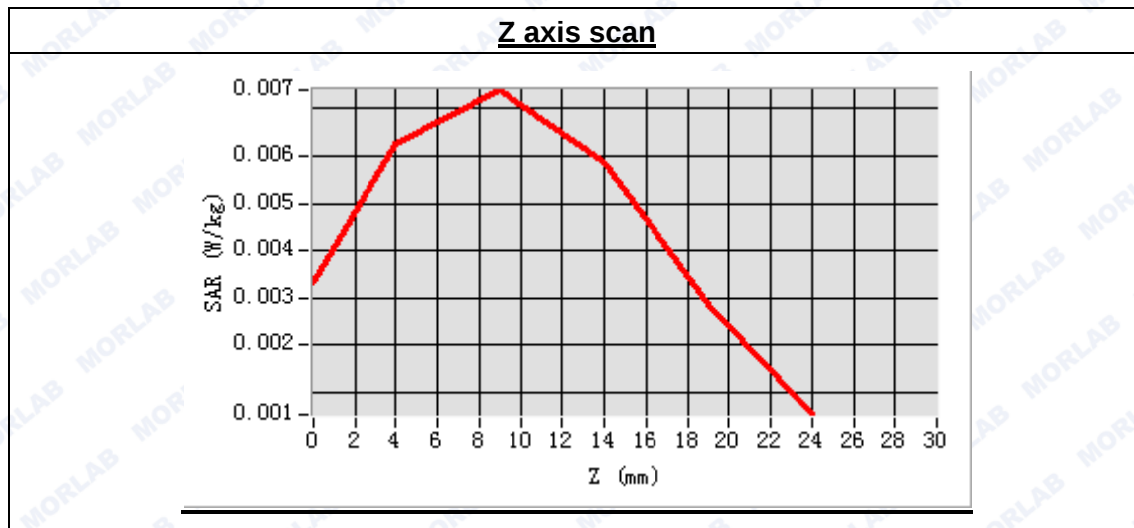


REPORT No. : SZ16030070S01

Maximum location: X=8.00, Y=8.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.006726
SAR 1g (W/Kg)	0.014229



**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: 2016.04.09

Measurement duration: 9 minutes 18 seconds

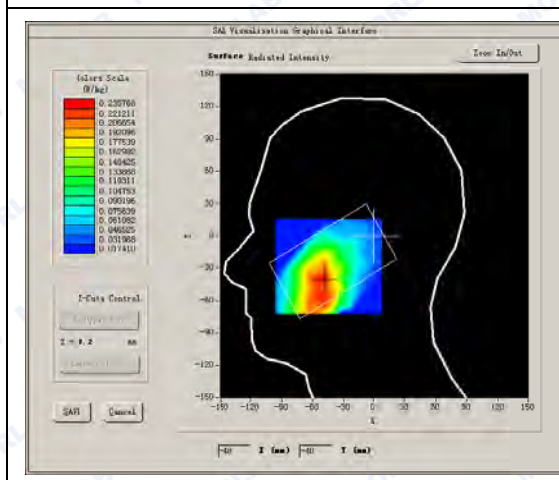
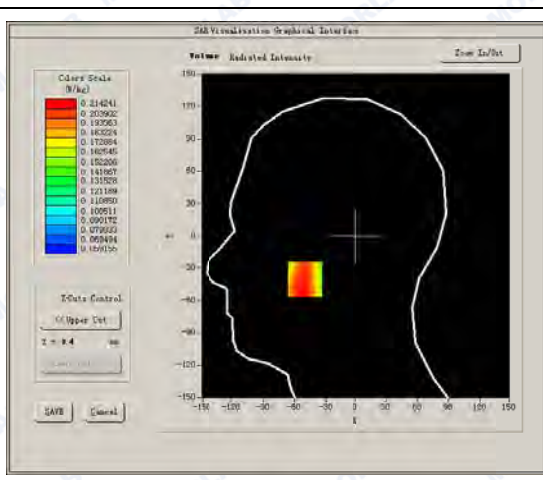
A. Experimental conditions.

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**

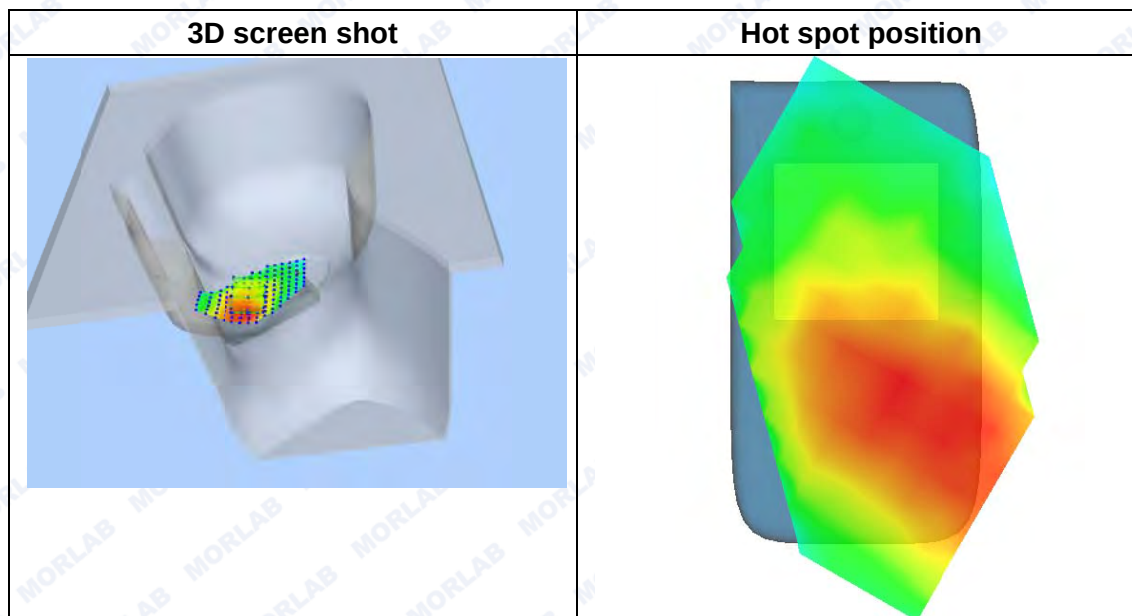
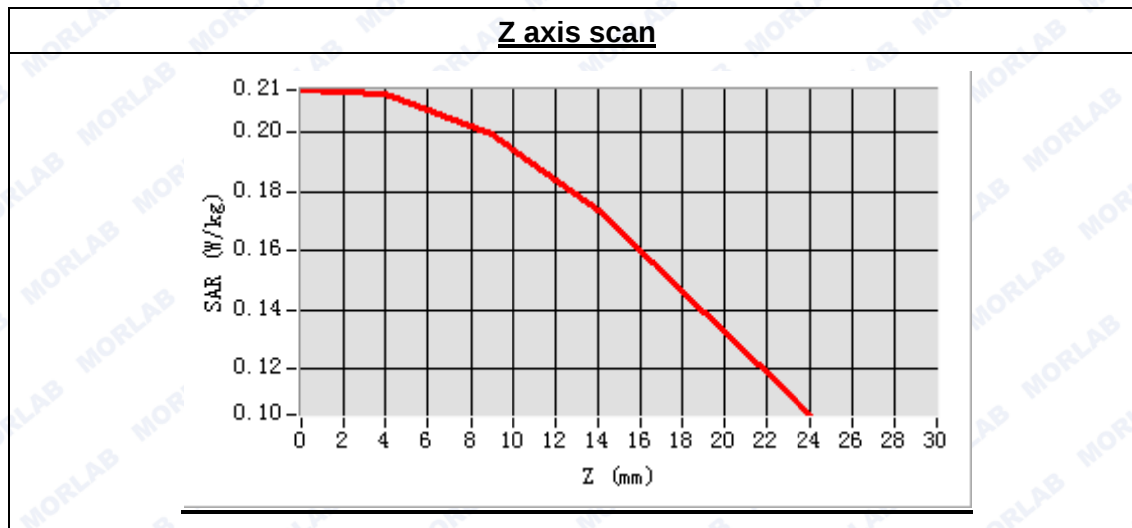


REPORT No. : SZ16030070S01

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

SAR Peak: 0.26 W/kg

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



**MEASUREMENT 27**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.09

Measurement duration: 9 minutes 33 seconds

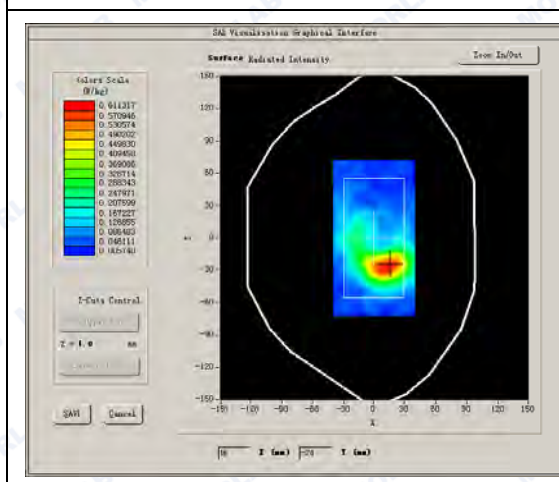
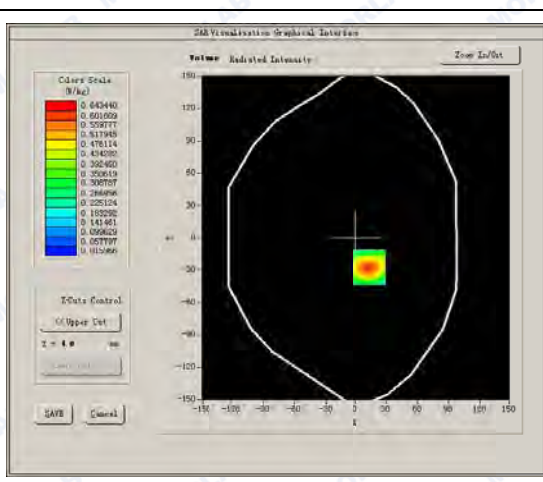
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 20525):

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

SURFACE SAR**VOLUME SAR**



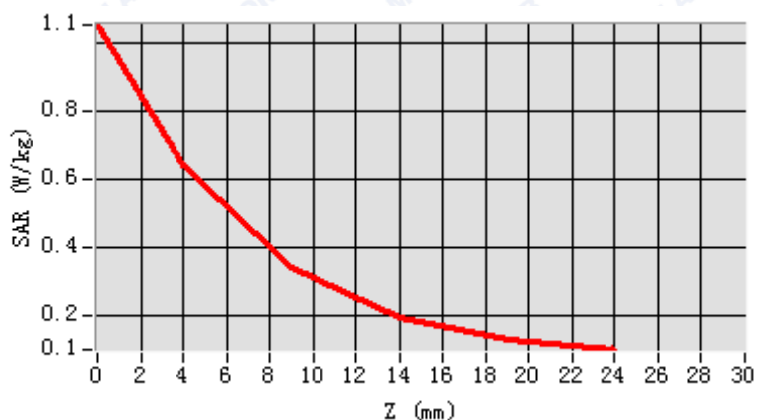
REPORT No. : SZ16030070S01

Maximum location: X=13.00, Y=-27.00

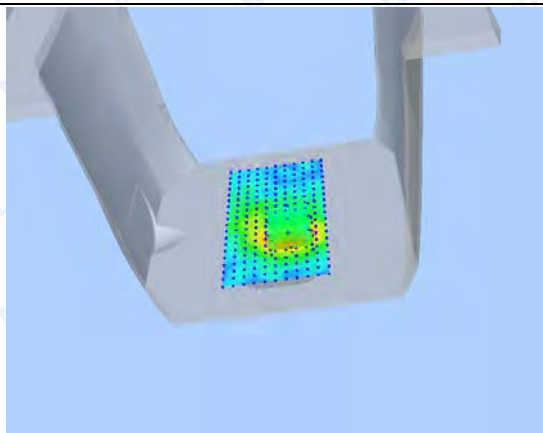
SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.354120
SAR 1g (W/Kg)	0.551242

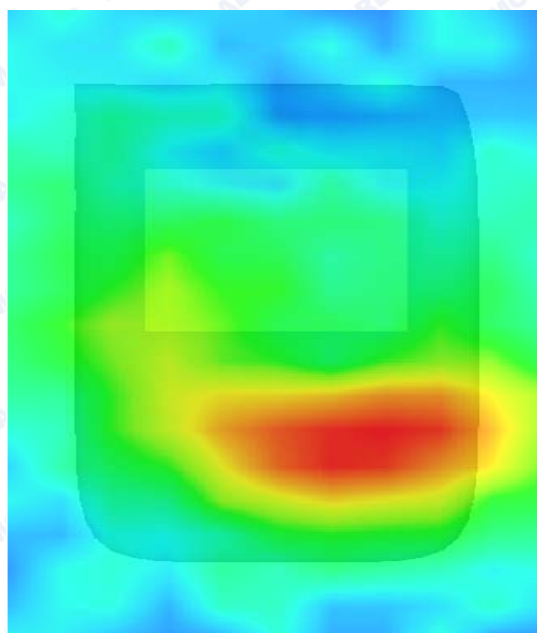
Z axis scan



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: 2016.04.11

Measurement duration: 8 minutes 57 seconds

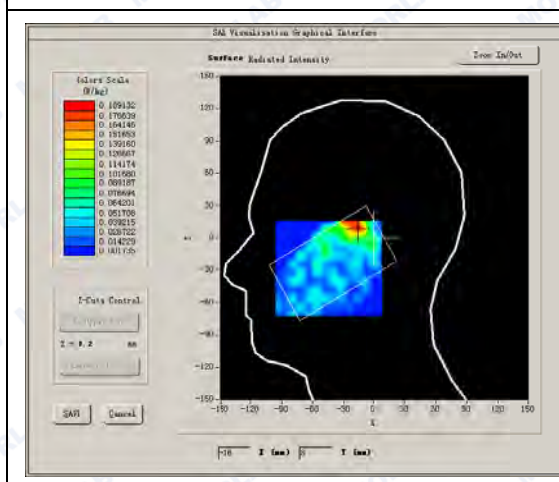
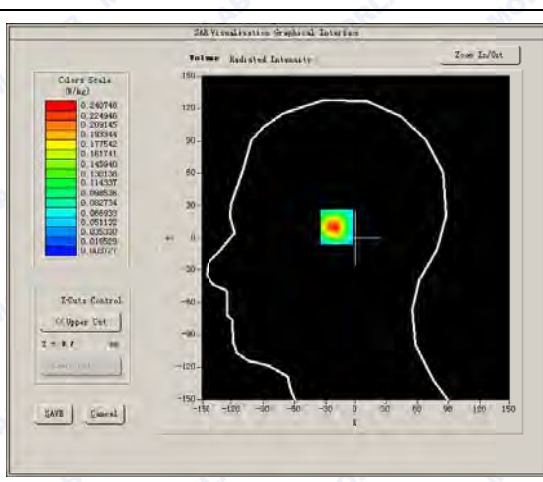
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 21100):

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

SURFACE SAR**VOLUME SAR**



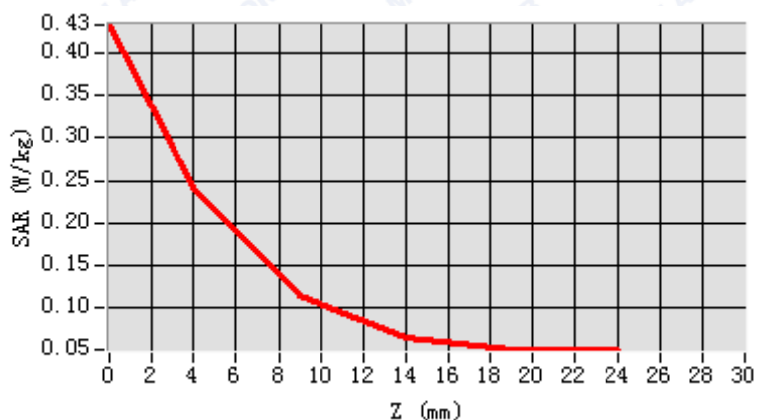
REPORT No. : SZ16030070S01

Maximum location: X=-17.00, Y=11.00

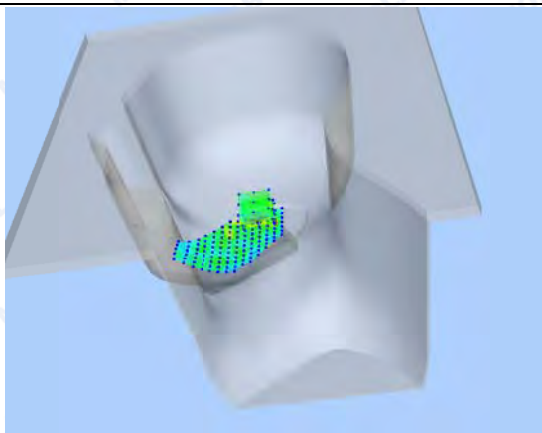
SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.113650
SAR 1g (W/Kg)	0.232018

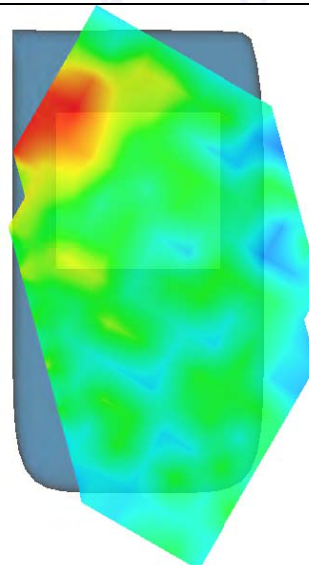
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 29**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.11

Measurement duration: 9 minutes 31 seconds

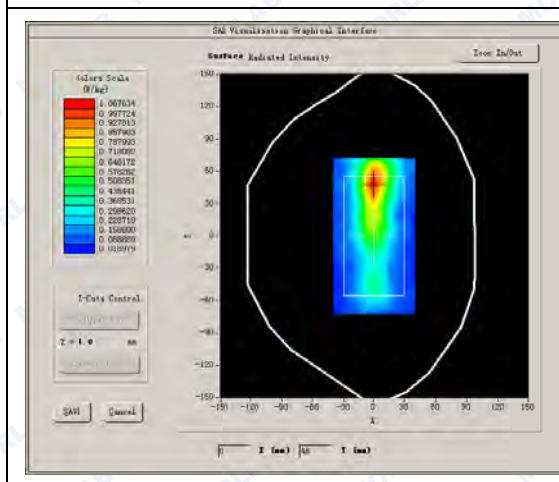
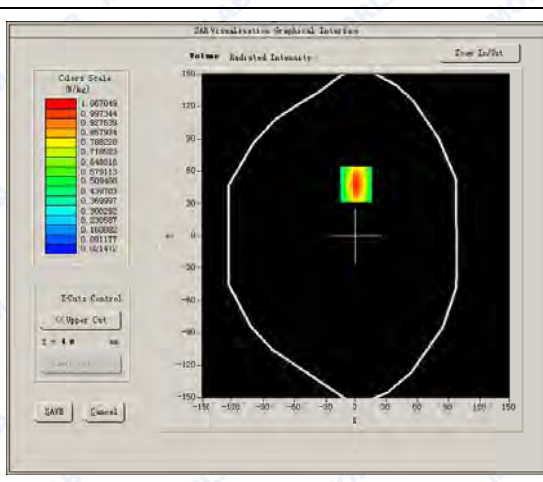
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 21350):

Frequency (MHz)	2565.000000
Relative permittivity (real part)	52.453205
Conductivity (S/m)	2.098547
Power drift (%)	1.050000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



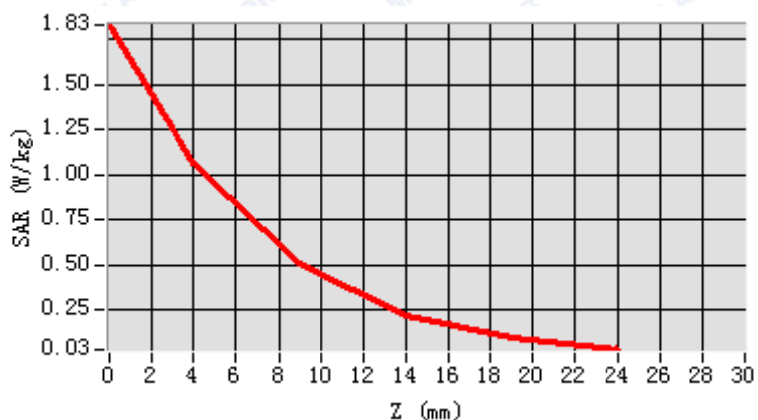
REPORT No. : SZ16030070S01

Maximum location: X=0.00, Y=48.00

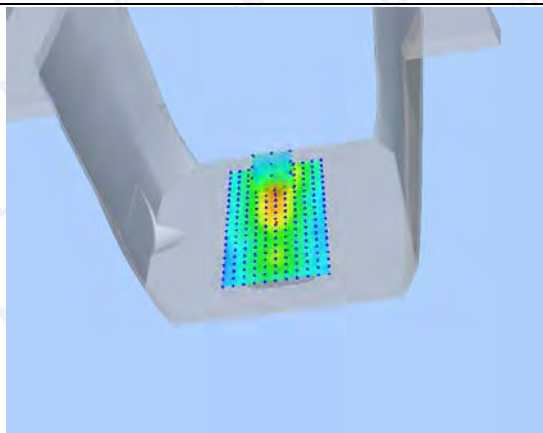
SAR Peak: 2.00 W/kg

SAR 10g (W/Kg)	0.533304
SAR 1g (W/Kg)	1.124255

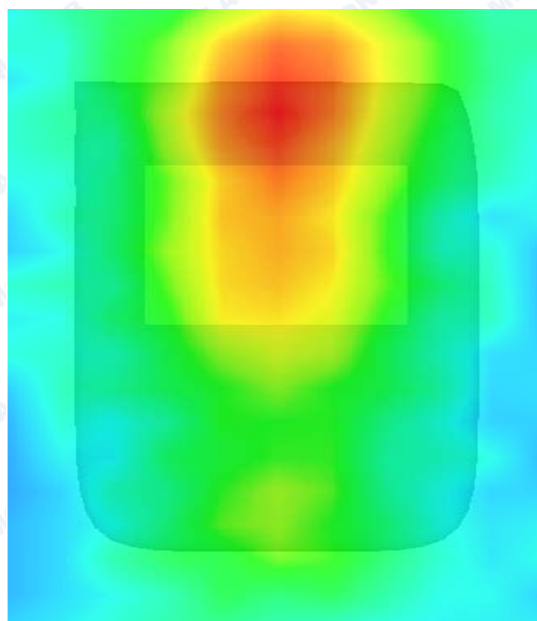
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 30**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.11

Measurement duration: 9 minutes 31 seconds

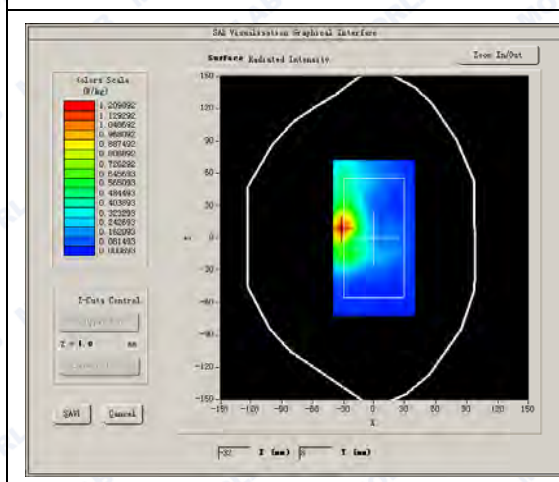
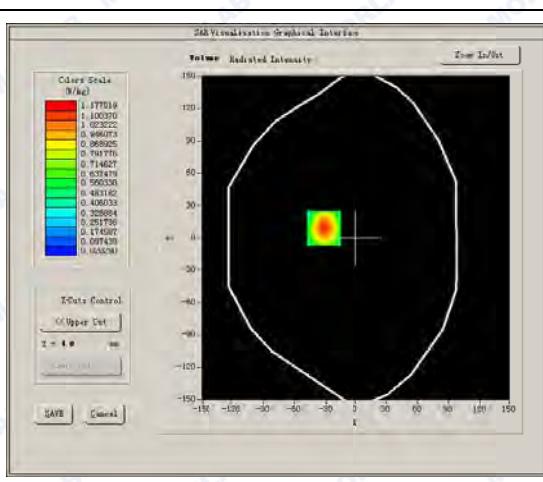
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 21350):

Frequency (MHz)	2565.000000
Relative permittivity (real part)	52.453205
Conductivity (S/m)	2.098547
Power drift (%)	1.050000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



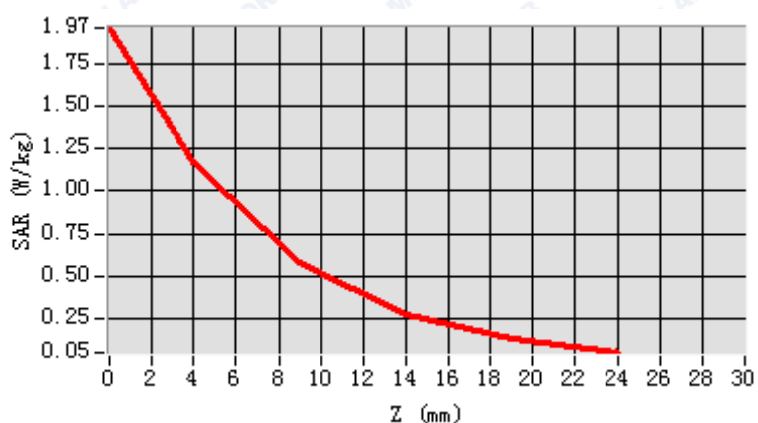
REPORT No. : SZ16030070S01

Maximum location: X=-32.00, Y=9.00

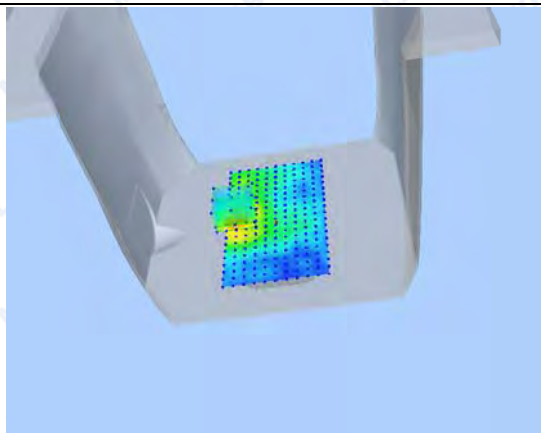
SAR Peak: 2.14 W/kg

SAR 10g (W/Kg)	0.589891
SAR 1g (W/Kg)	1.213354

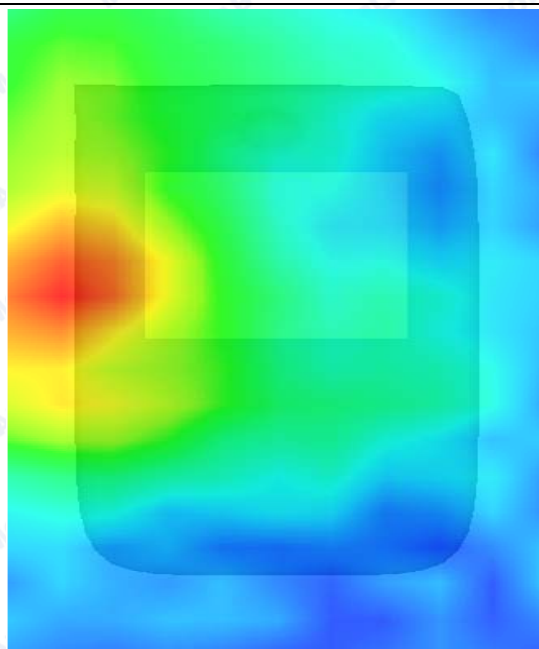
Z axis scan



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: 2016.04.08

Measurement duration: 9 minutes 18 seconds

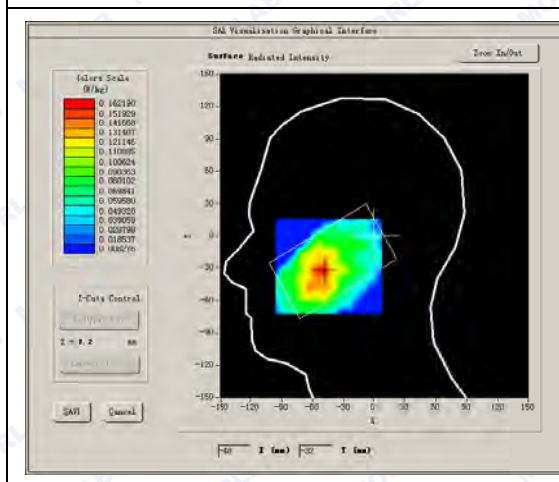
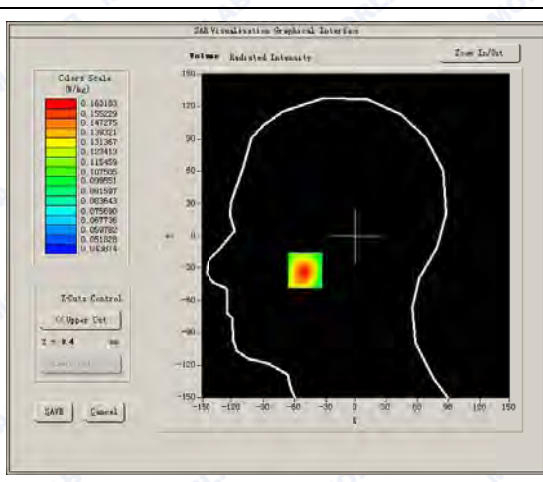
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 27610):

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

SURFACE SAR**VOLUME SAR**



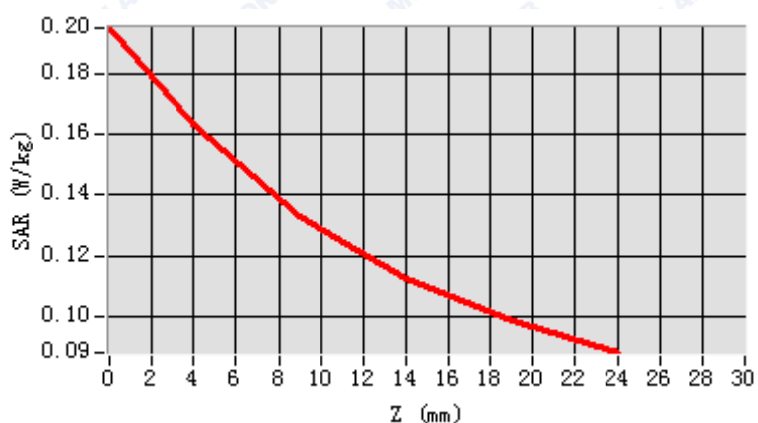
REPORT No. : SZ16030070S01

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

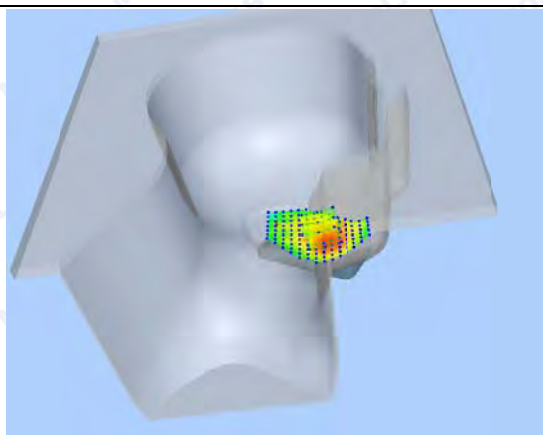
SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.083523
SAR 1g (W/Kg)	0.110260

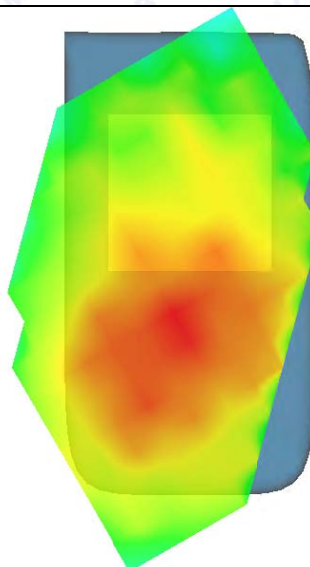
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 32**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.09

Measurement duration: 9 minutes 33 seconds

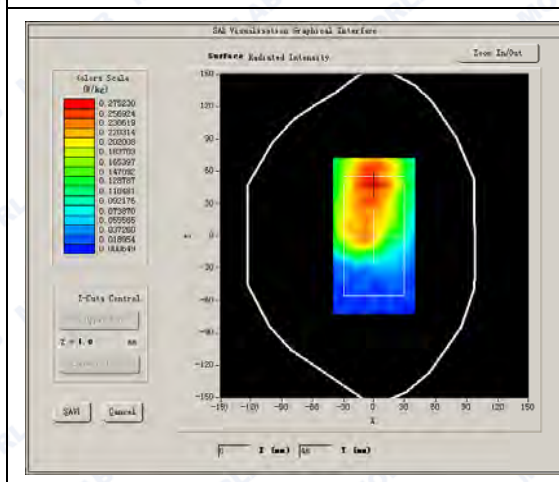
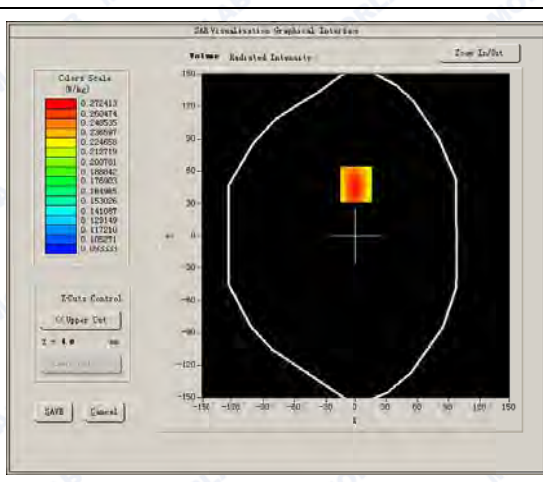
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 27610):

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

SURFACE SAR**VOLUME SAR**



REPORT No. : SZ16030070S01

Maximum location: X=0.00, Y=48.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.183065
SAR 1g (W/Kg)	0.272542

