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	Annex B: Measurement Results
	Project Name : X557
	Report Number:
	FCC16083920A-6

MEASUREMENT 36

Towards-ground-high

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

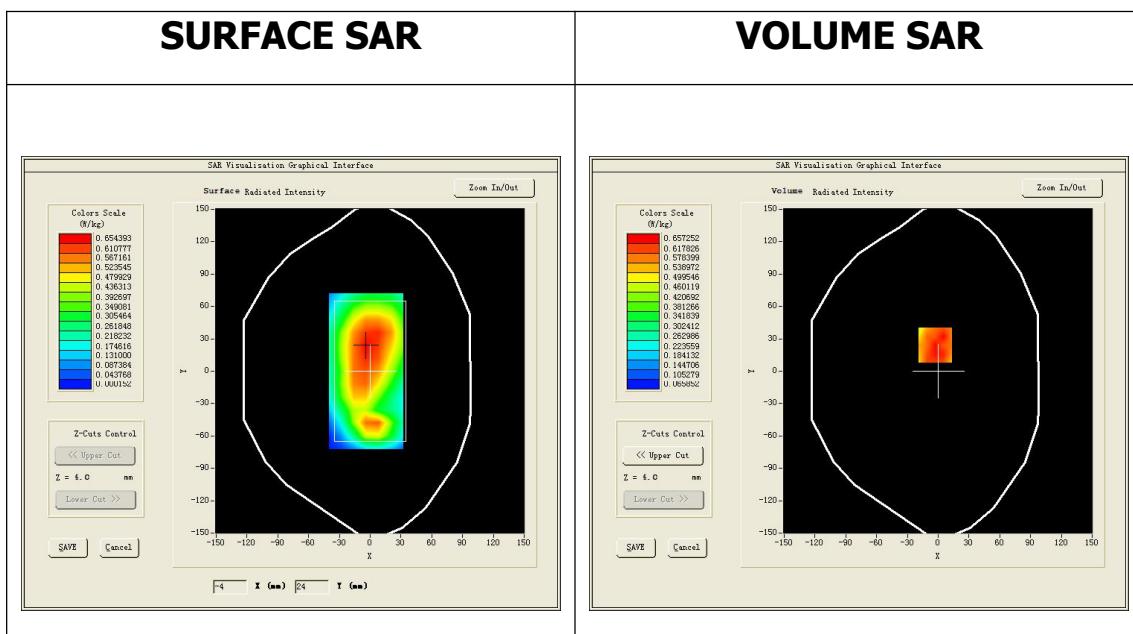
Measurement duration: 10 minutes 26 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

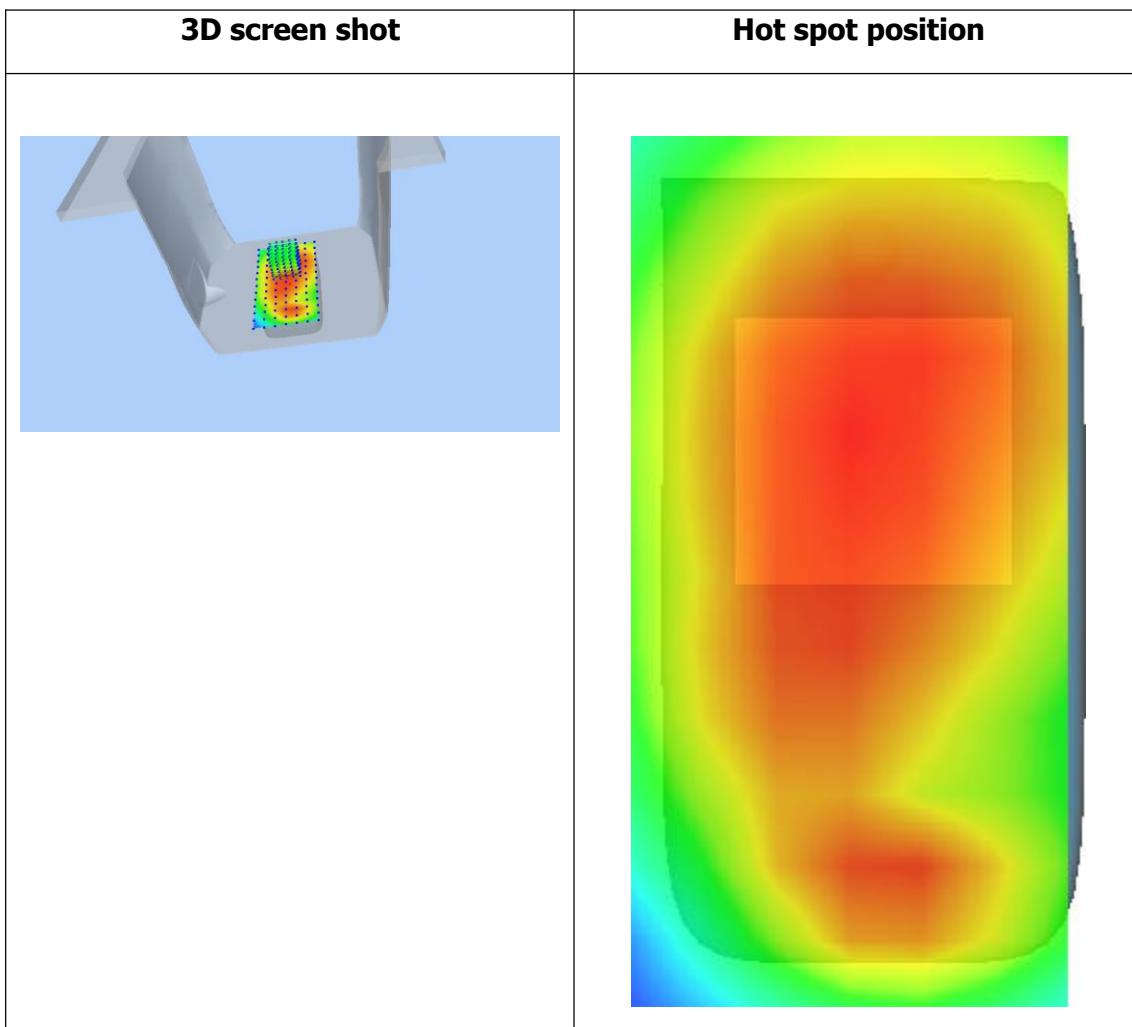
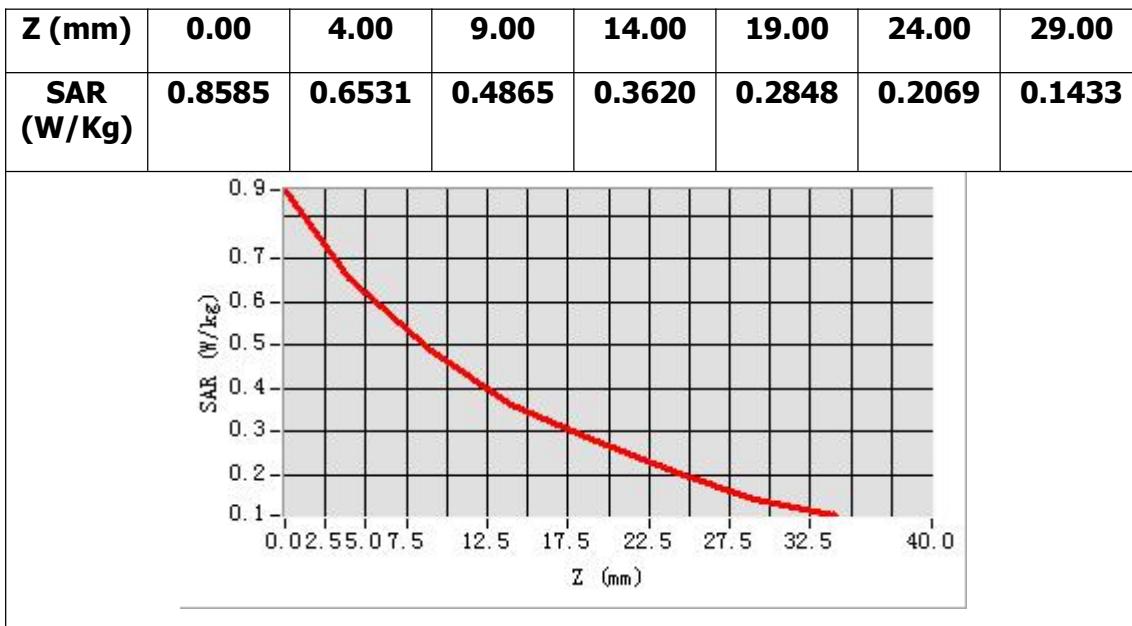
Frequency (MHz)	848.799988
Relative permittivity (real part)	53.204479
Relative permittivity (imaginary part)	21.666559
Conductivity (S/m)	1.021699
Variation (%)	-1.290000



Maximum location: X=-3.00, Y=24.00

SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.465202
SAR 1g (W/Kg)	0.854211



MEASUREMENT 37

Towards-ground-high-EDGE

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 11 minutes 27 seconds

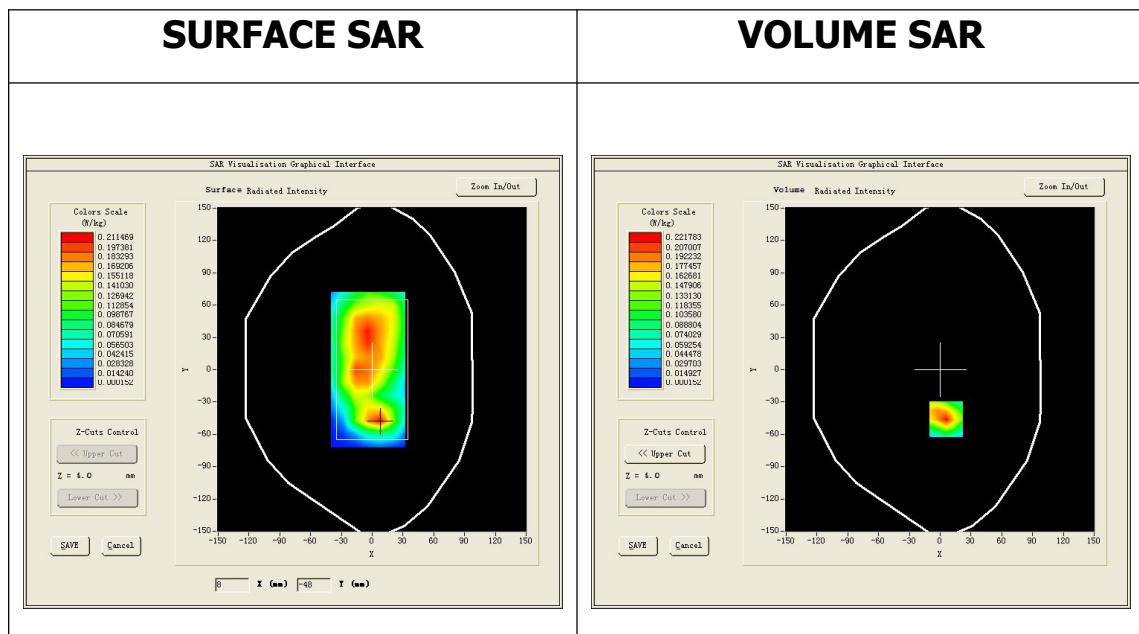
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850_4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Frequency (MHz)	848.799988
Relative permittivity (real part)	53.204479
Relative permittivity (imaginary part)	21.666559
Conductivity (S/m)	1.021699

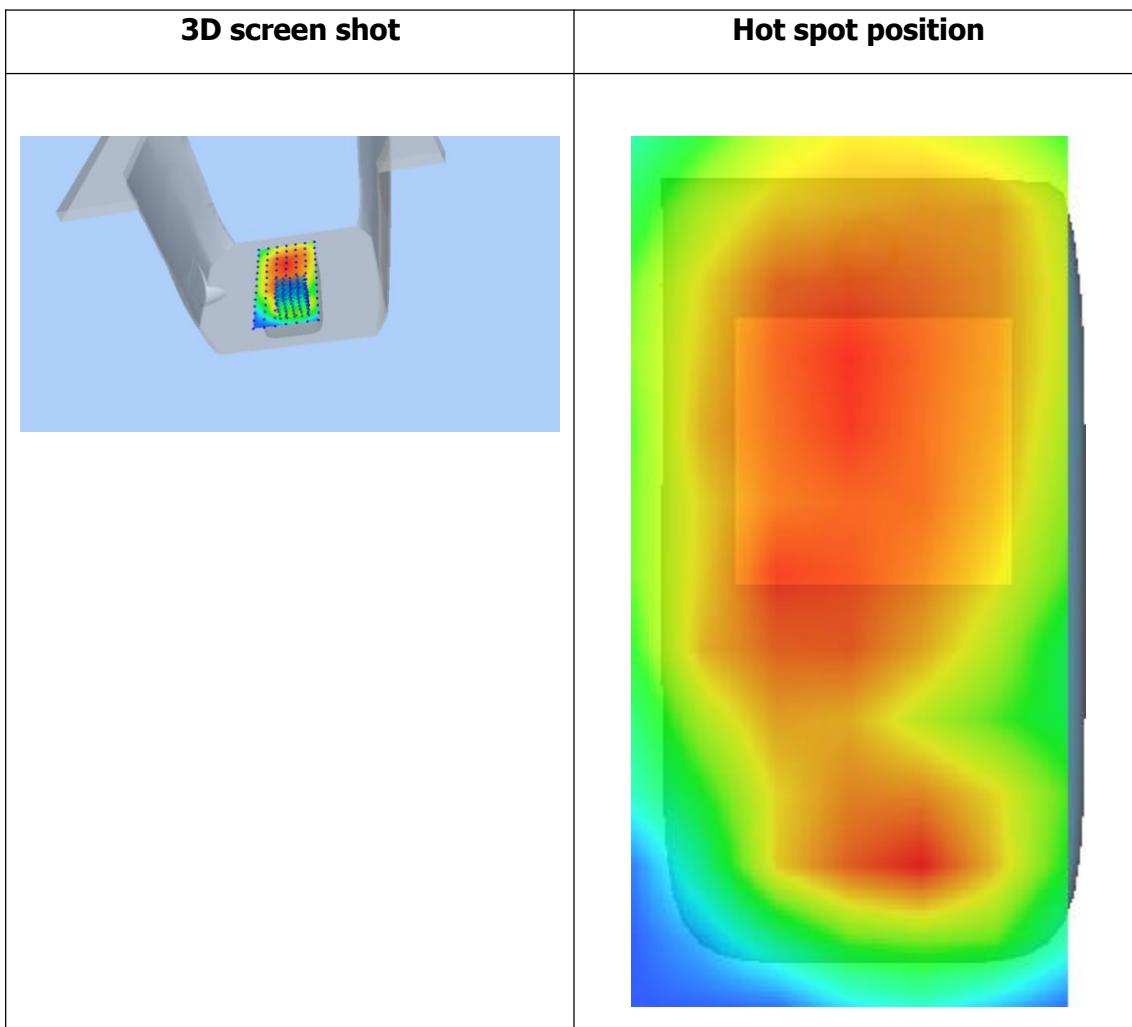
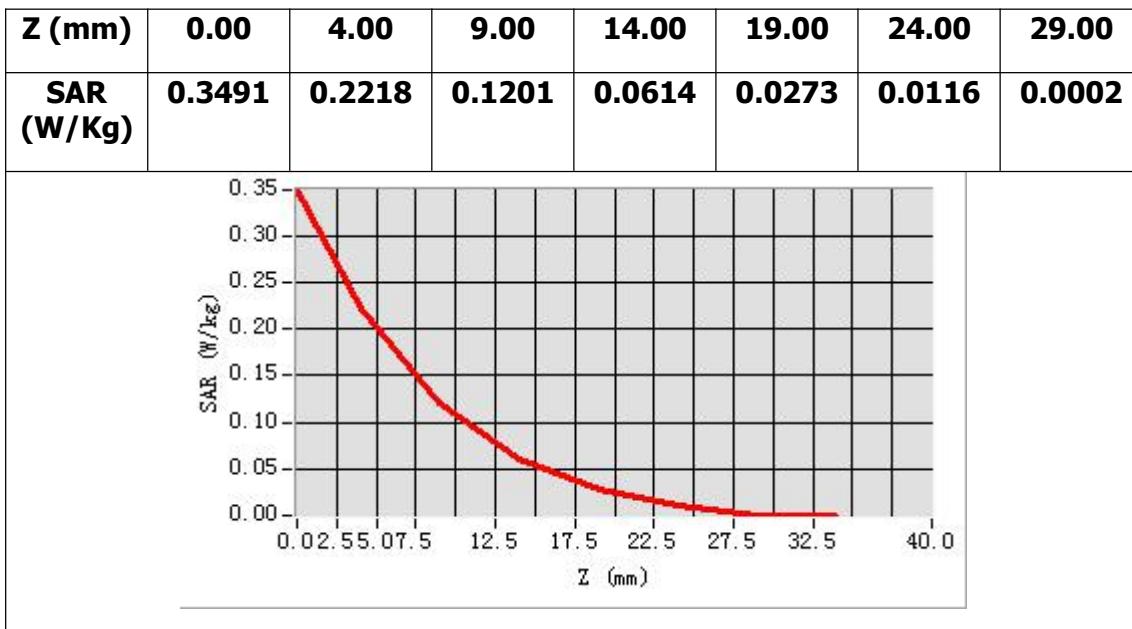
Variation (%)	-3.160000
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Maximum location: X=6.00, Y=-46.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.102457
SAR 1g (W/Kg)	0.207395



MEASUREMENT 38

Towards-ground-low

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 11 minutes 29 seconds

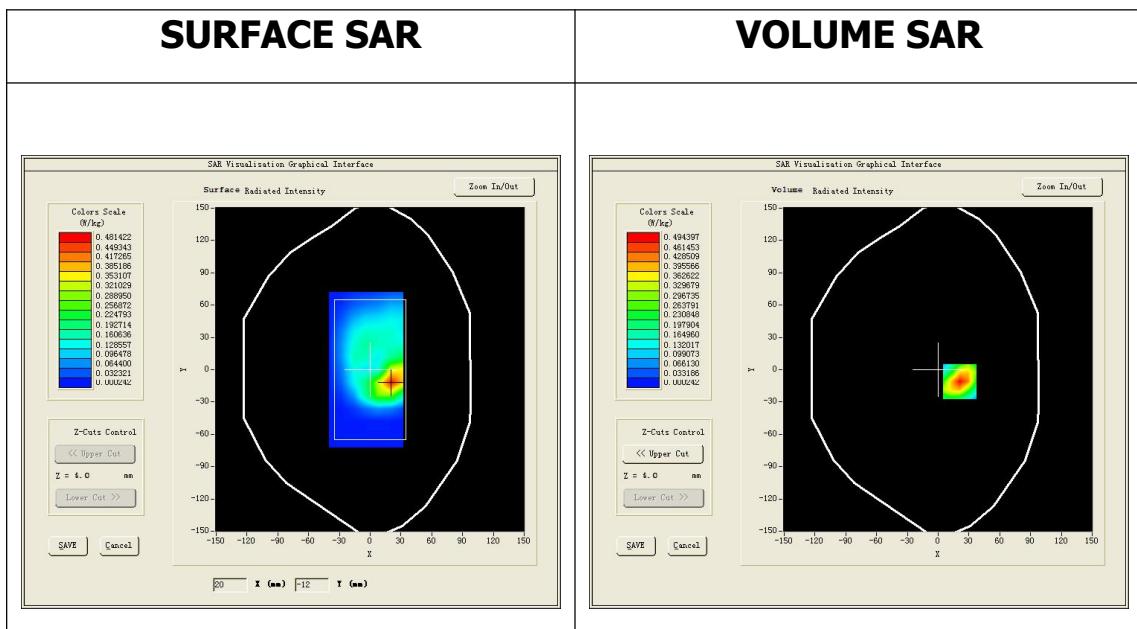
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900_4Tx)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Frequency (MHz)	1850.199951
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.628520
Conductivity (S/m)	1.400860

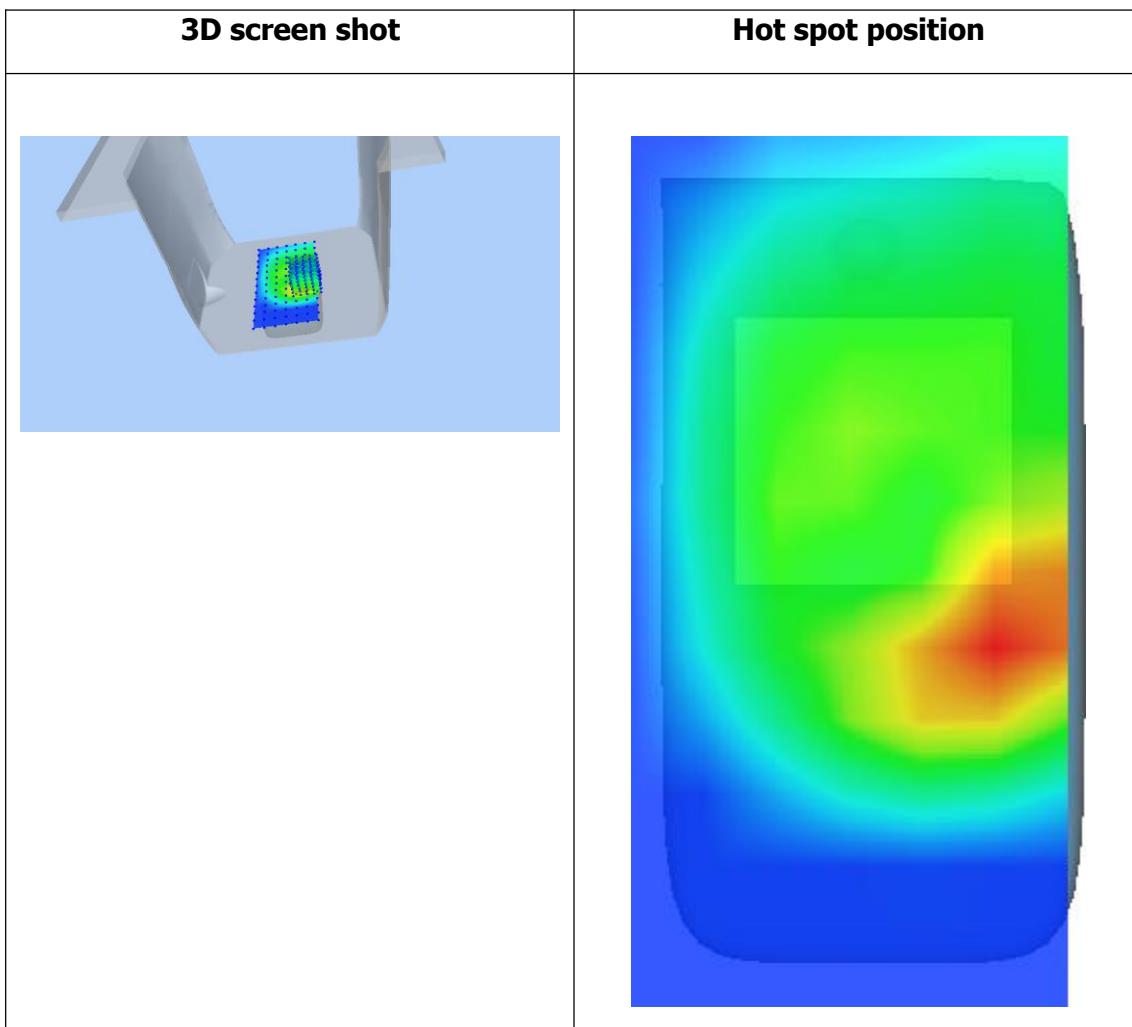
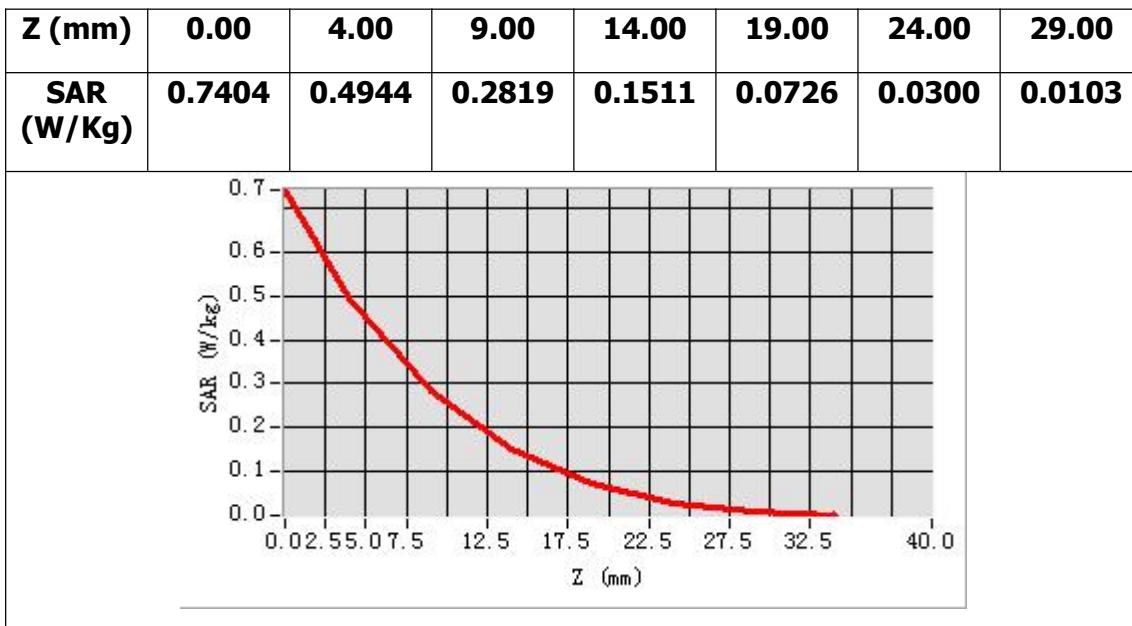
Variation (%)	1.270000
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Maximum location: X=21.00, Y=-11.00

SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.232085
SAR 1g (W/Kg)	0.463287



MEASUREMENT 39

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 11 minutes 29 seconds

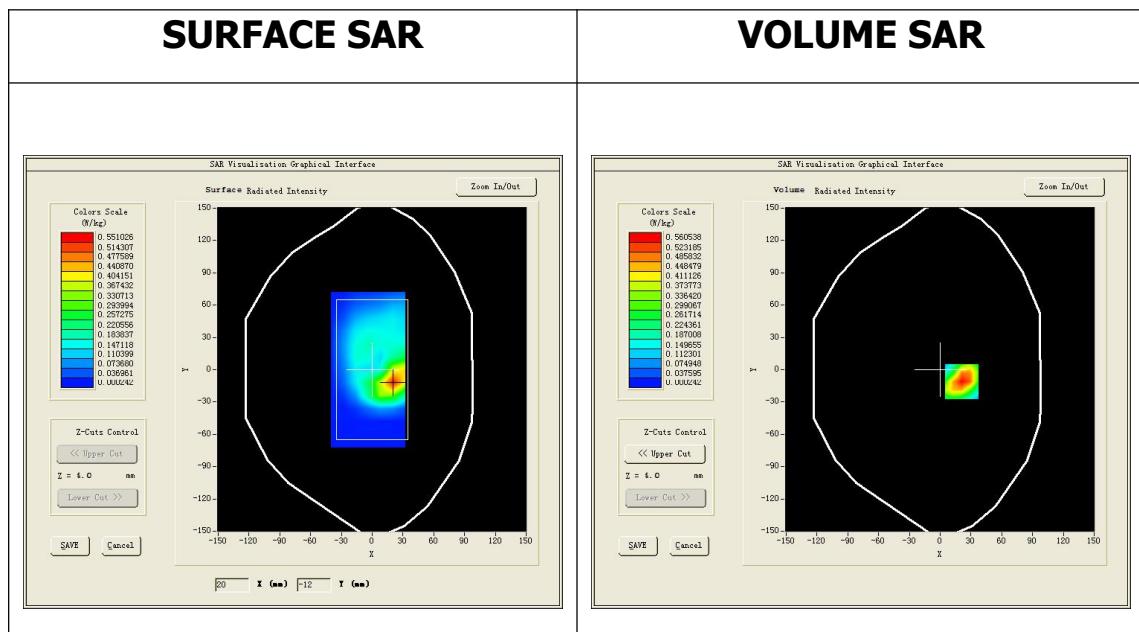
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900_4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.408000
Conductivity (S/m)	1.400391

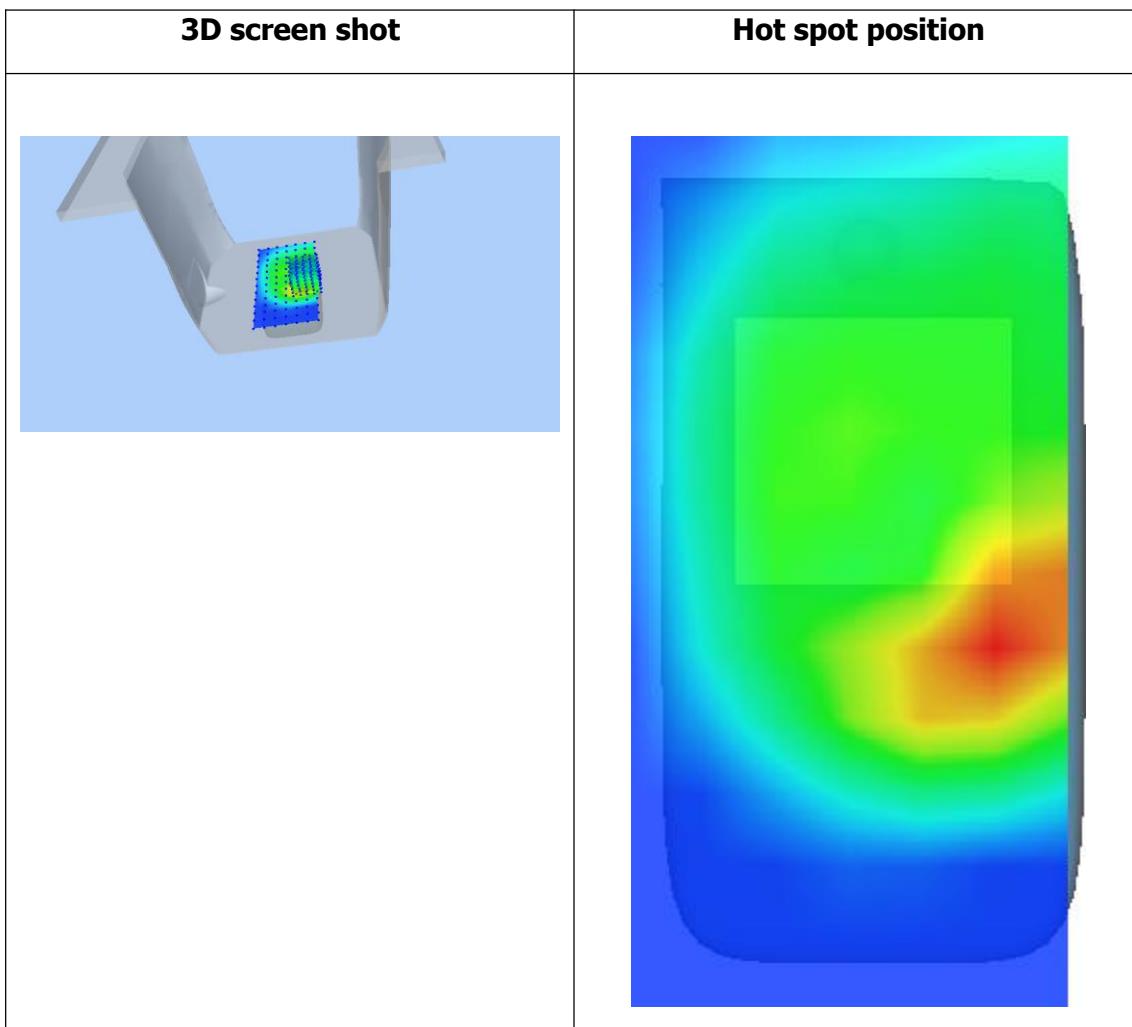
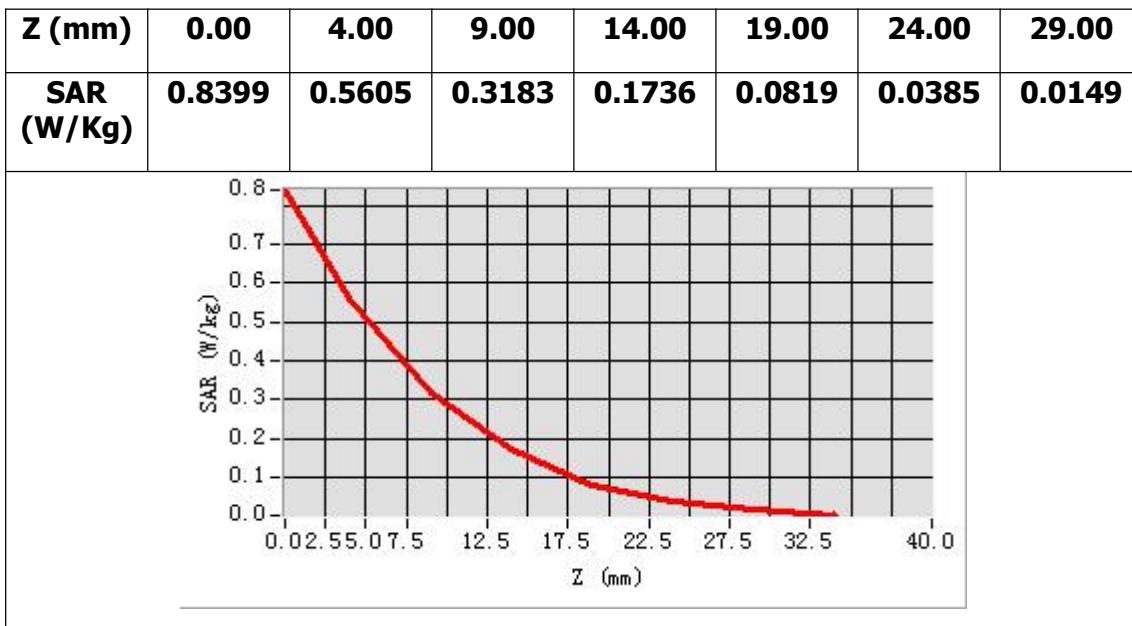
Variation (%)	1.420000
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Maximum location: X=21.00, Y=-11.00

SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.268922
SAR 1g (W/Kg)	0.539630



MEASUREMENT 40

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 11 minutes 0 seconds

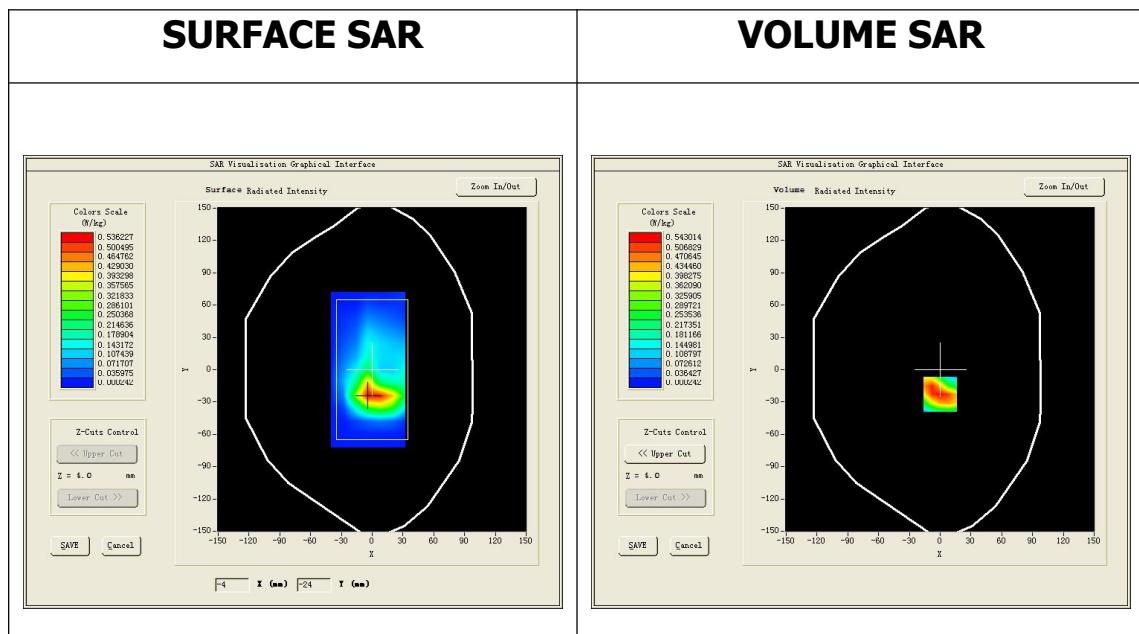
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900_4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.408000
Conductivity (S/m)	1.400391

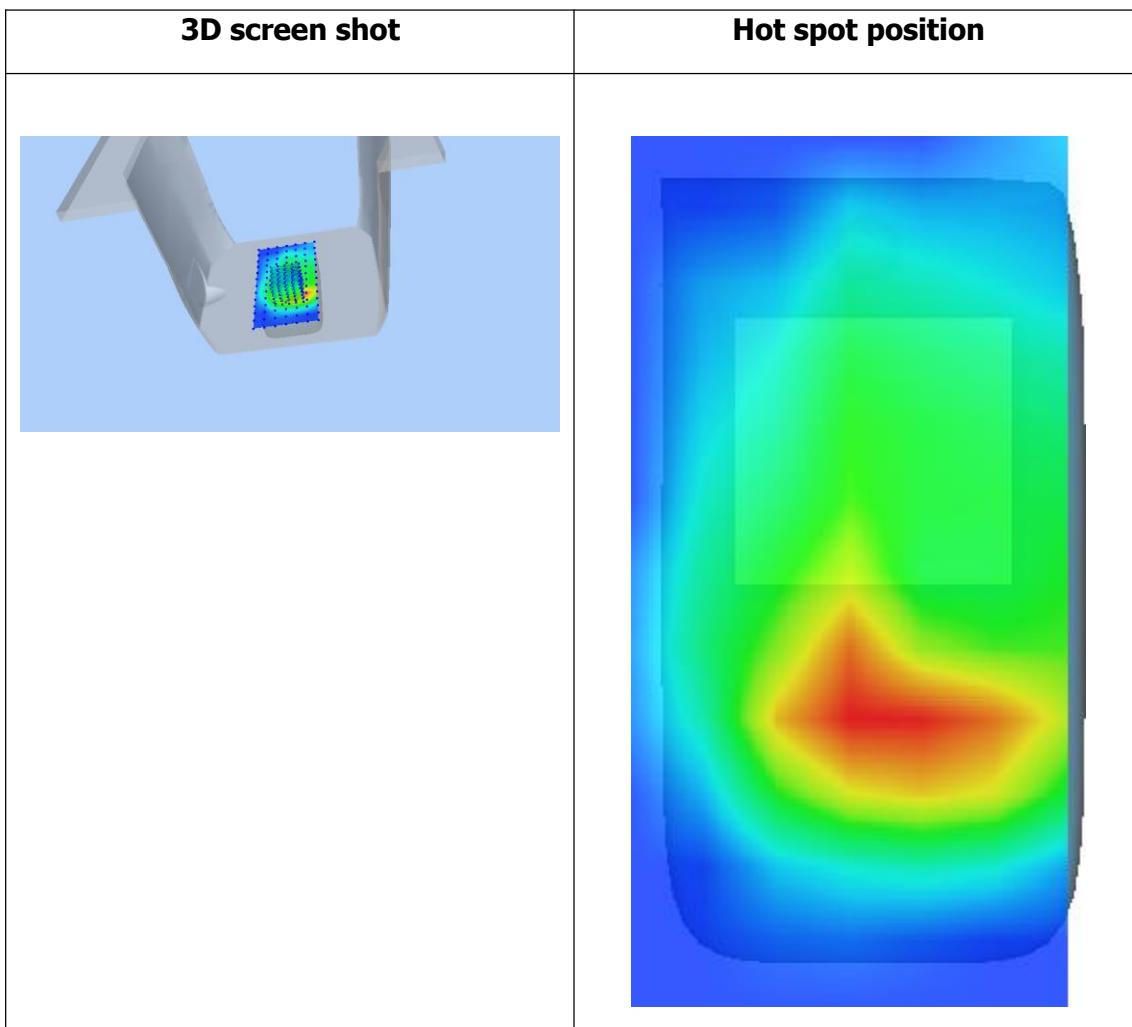
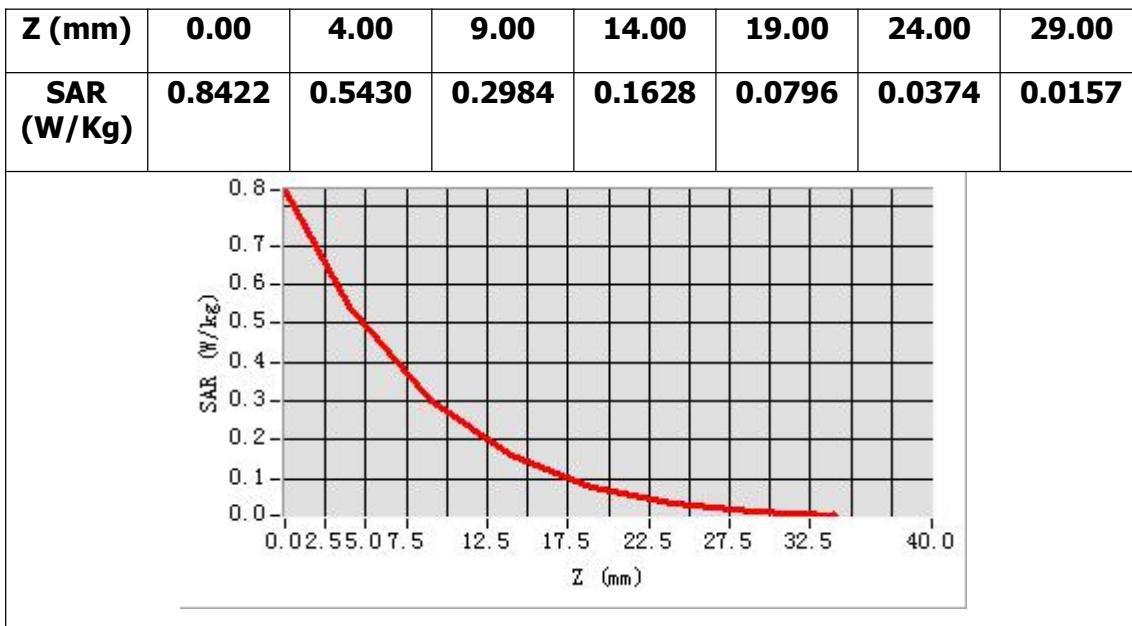
Variation (%)	1.010000
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Maximum location: X=0.00, Y=-23.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.269372
SAR 1g (W/Kg)	0.525733



MEASUREMENT 41

Towards-ground-high

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 11 minutes 27 seconds

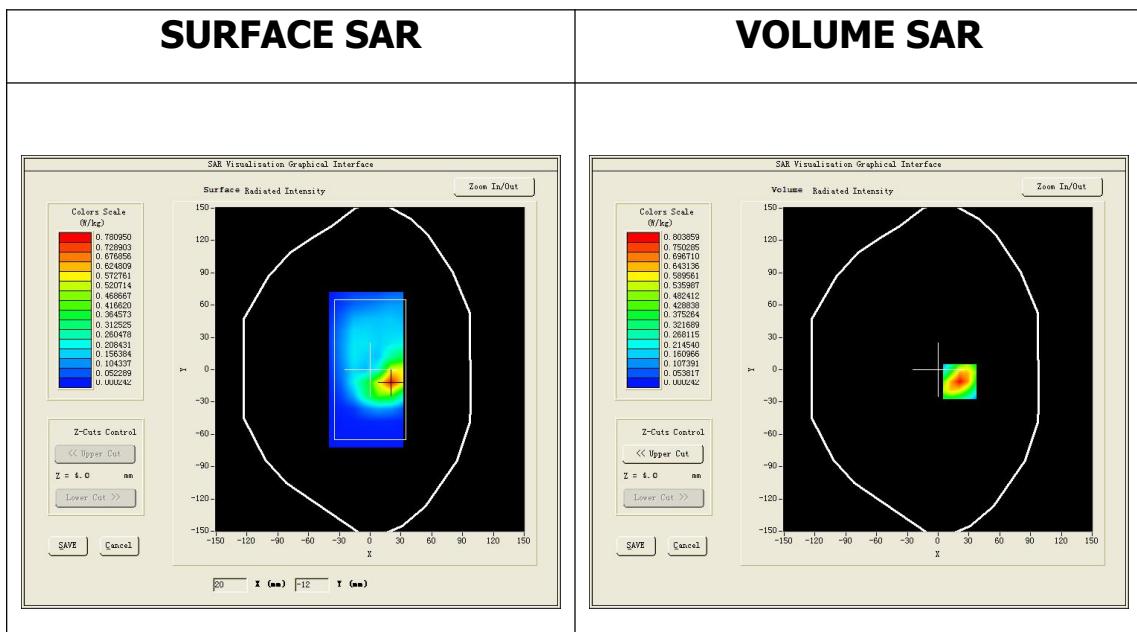
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900_4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Frequency (MHz)	1909.800049
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.195320
Conductivity (S/m)	1.400023

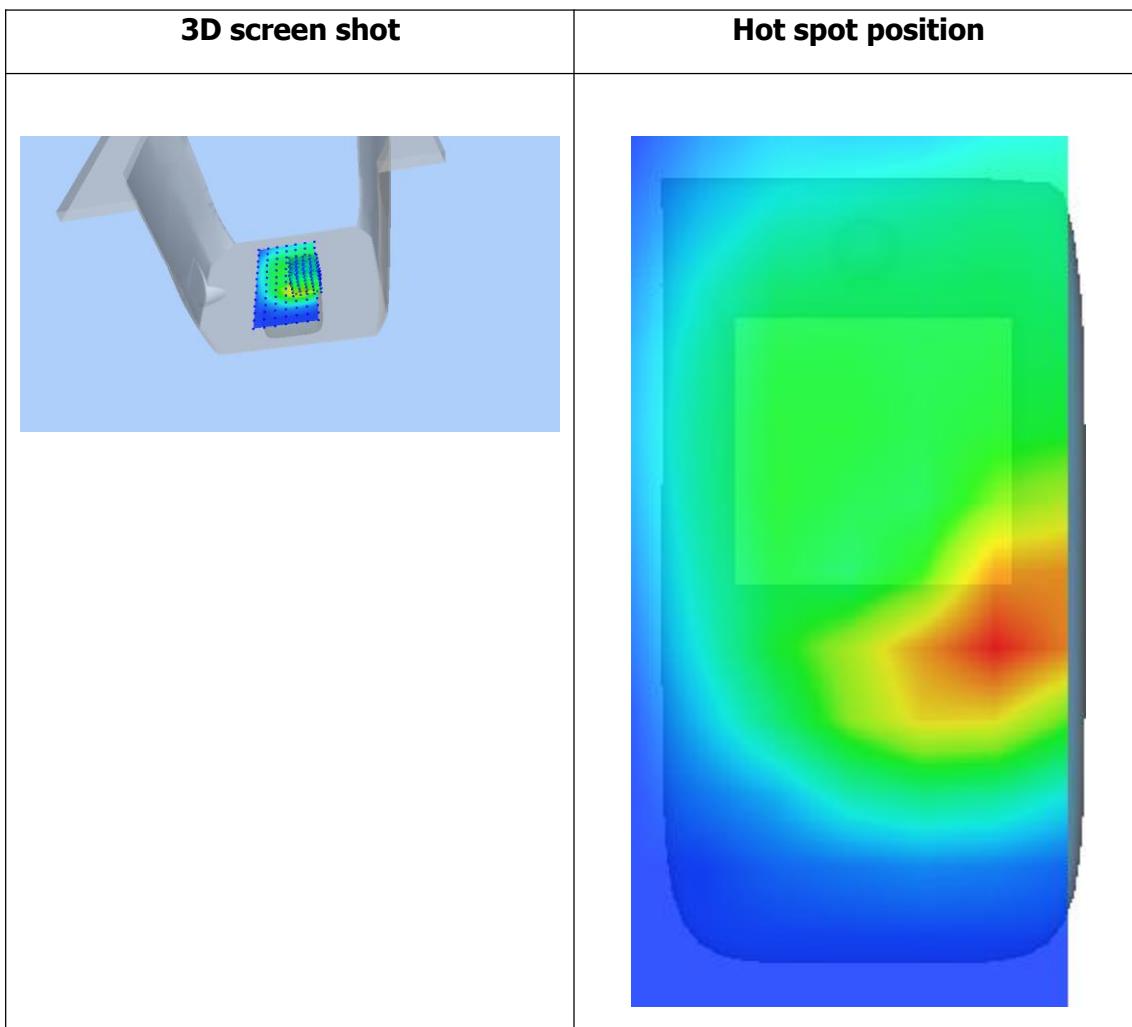
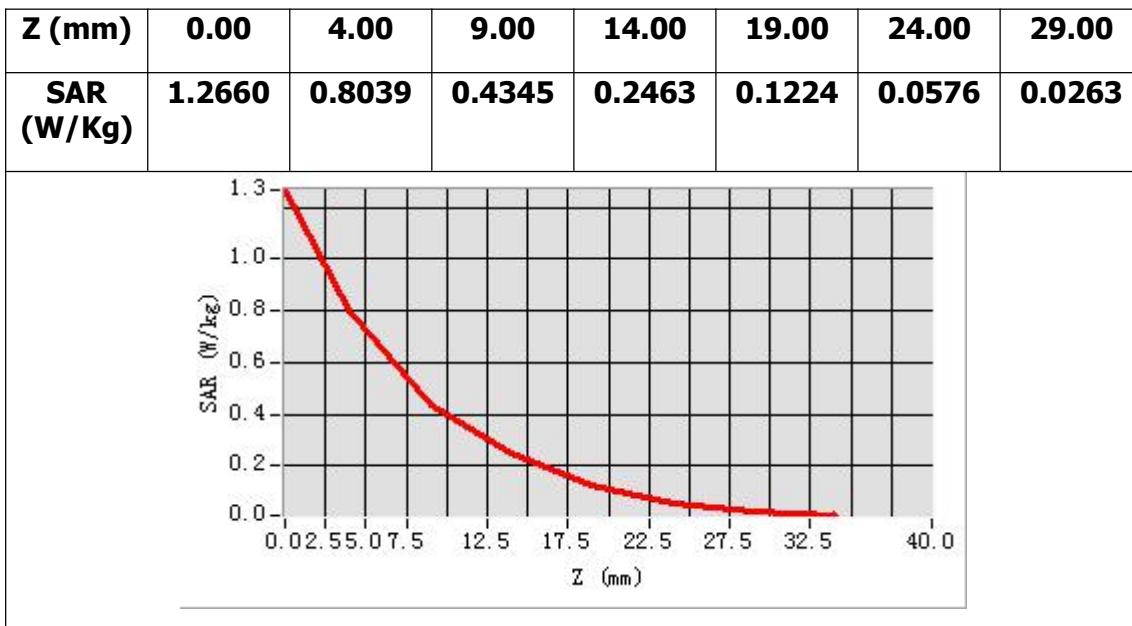
Variation (%)	2.270000
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Maximum location: X=21.00, Y=-11.00

SAR Peak: 1.26 W/kg

SAR 10g (W/Kg)	0.383102
SAR 1g (W/Kg)	0.760996



MEASUREMENT 42

Towards-ground-high-EDGE

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 11 minutes 50 seconds

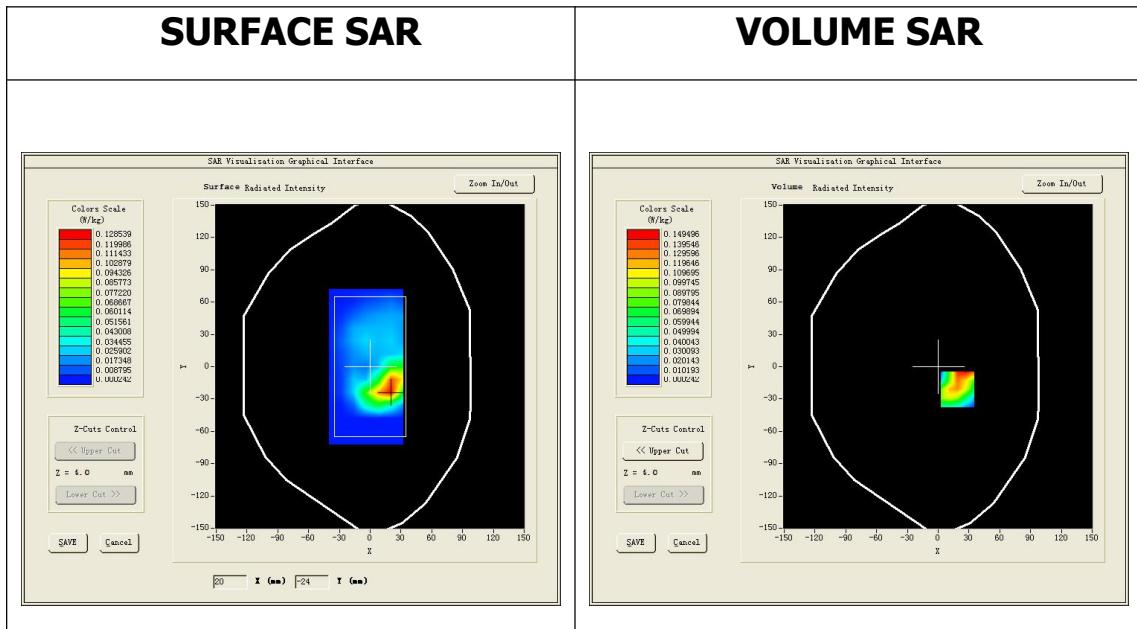
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900_4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Frequency (MHz)	1909.800049
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.195320
Conductivity (S/m)	1.400023

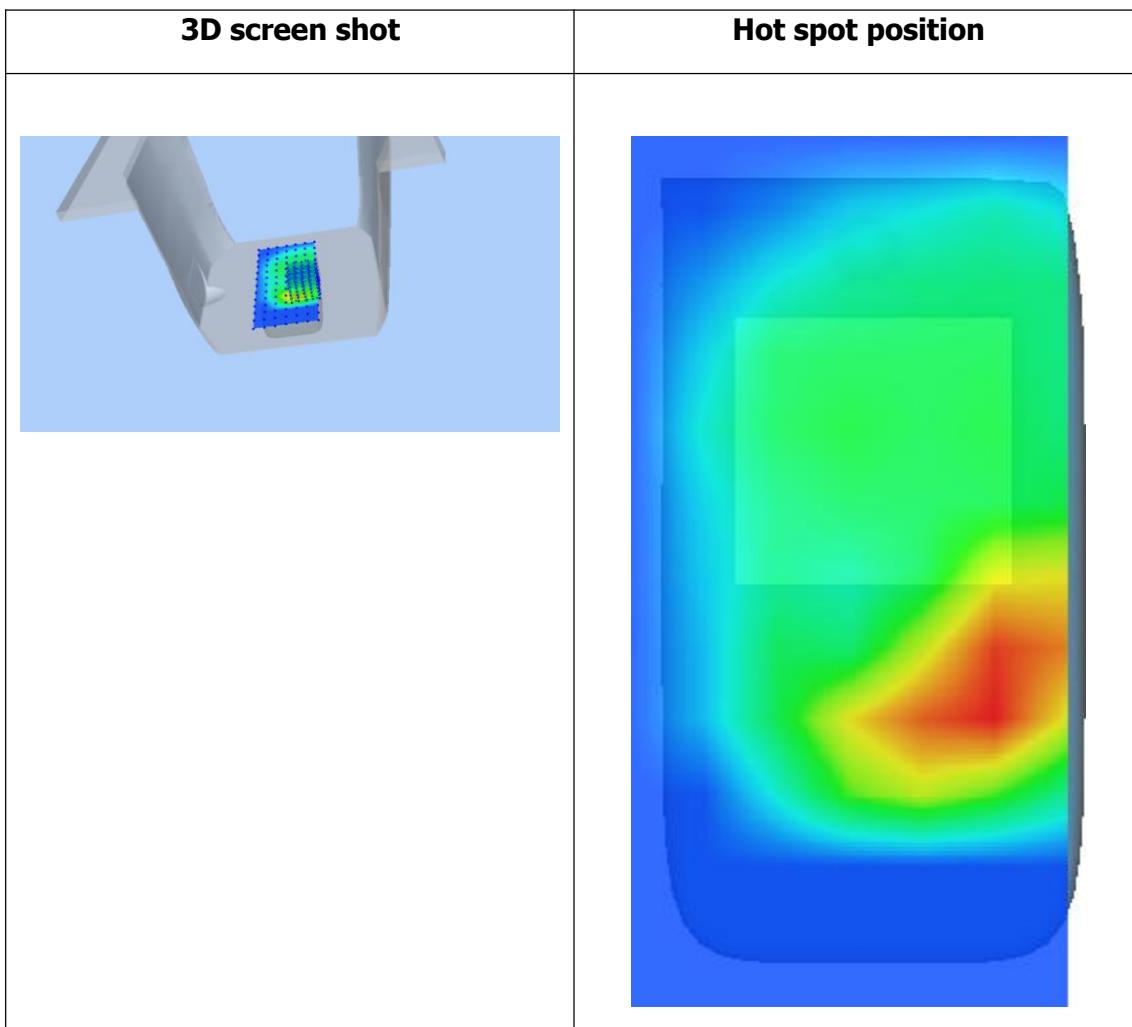
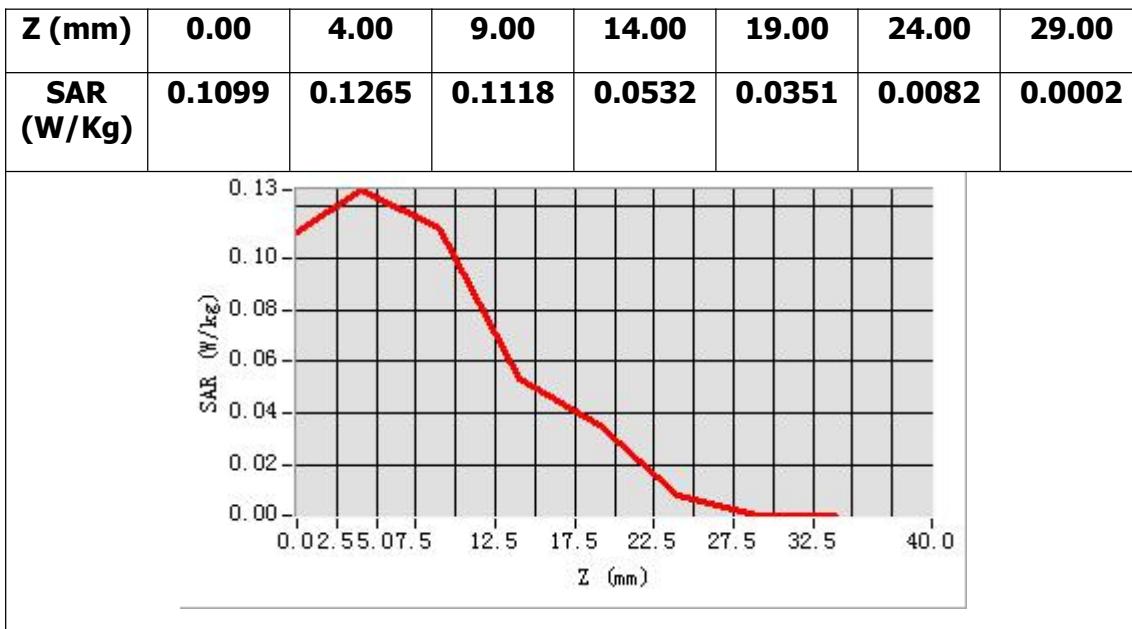
Variation (%)	2.910000
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Maximum location: X=19.00, Y=-21.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.074161
SAR 1g (W/Kg)	0.126756



MEASUREMENT 43

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 7 seconds

A. Experimental conditions.

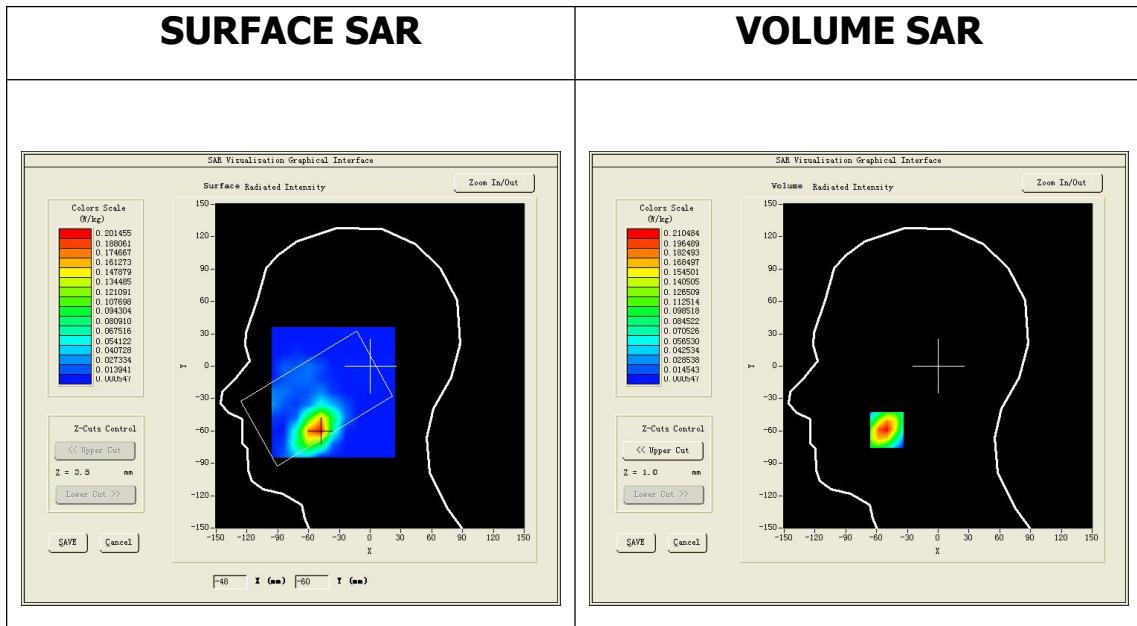
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524670

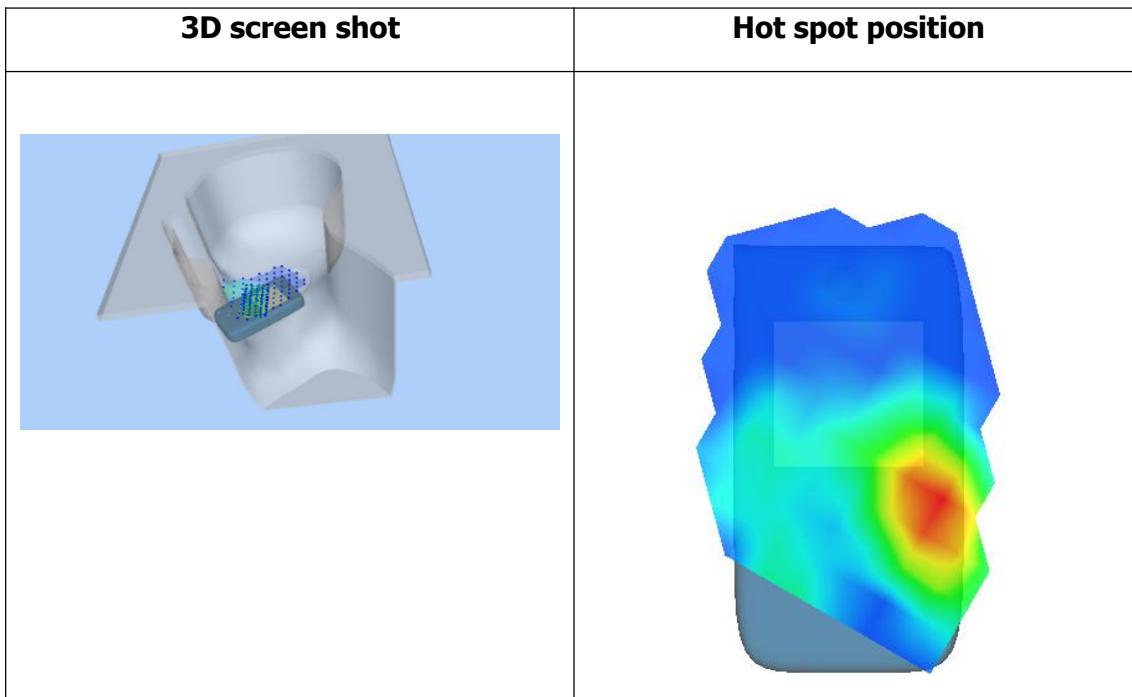
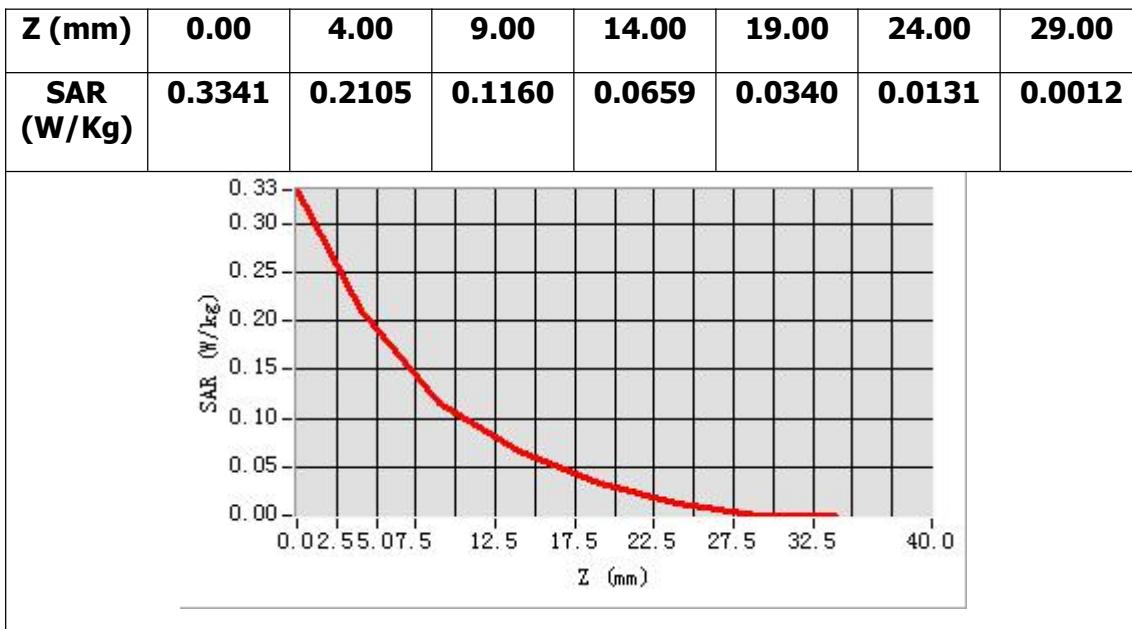
Variation (%)	0.000000
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Maximum location: X=-50.00, Y=-59.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.099592
SAR 1g (W/Kg)	0.201531



MEASUREMENT 44

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 8 minutes 48 seconds

A. Experimental conditions.

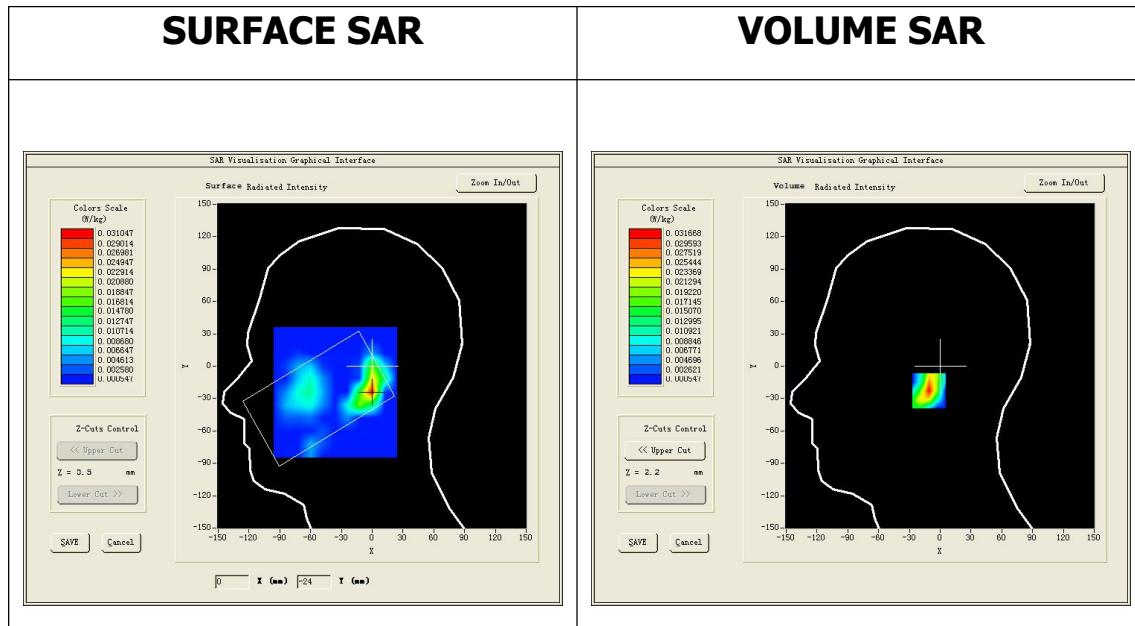
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524670

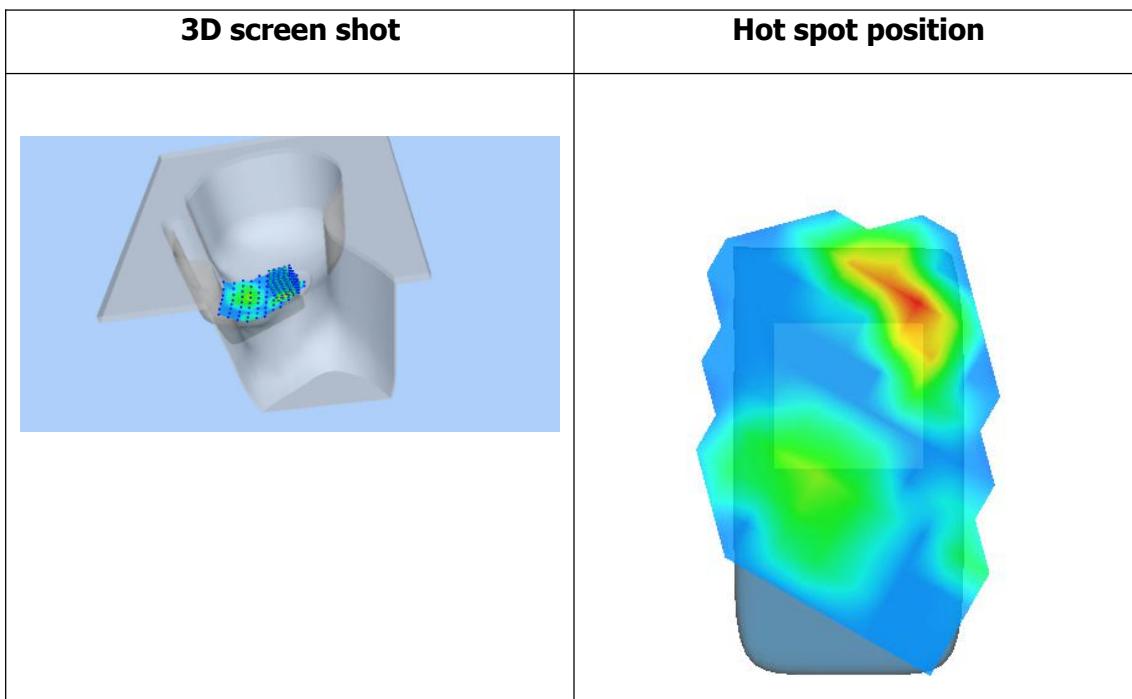
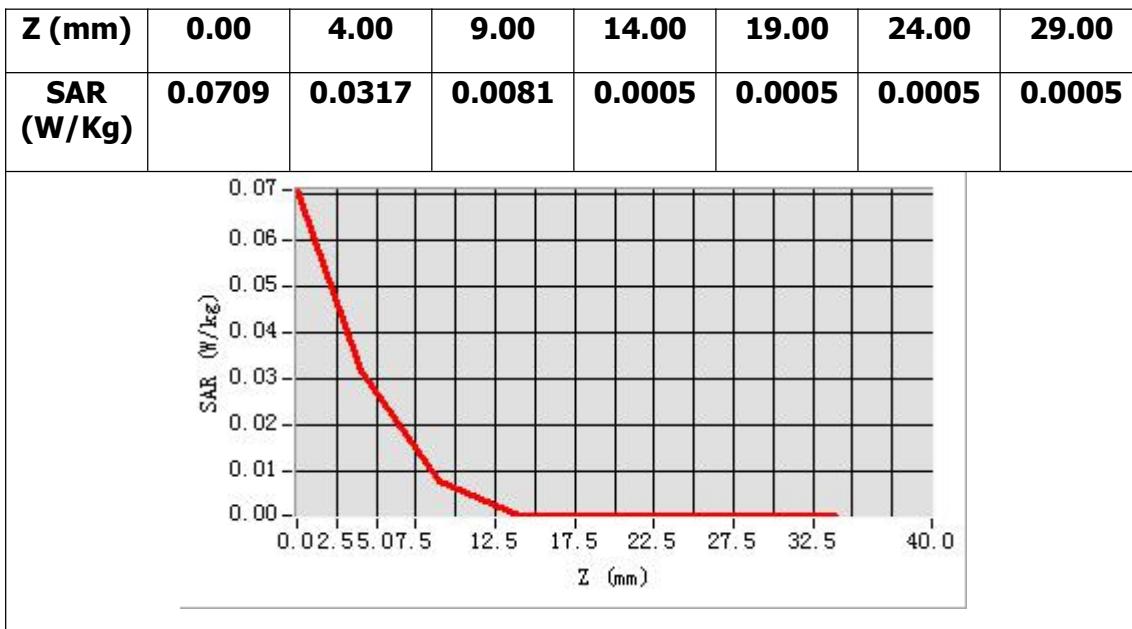
Variation (%)	-2.640000
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Maximum location: X=-1.00, Y=-23.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.010508
SAR 1g (W/Kg)	0.030323



MEASUREMENT 45

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 11 minutes 3 seconds

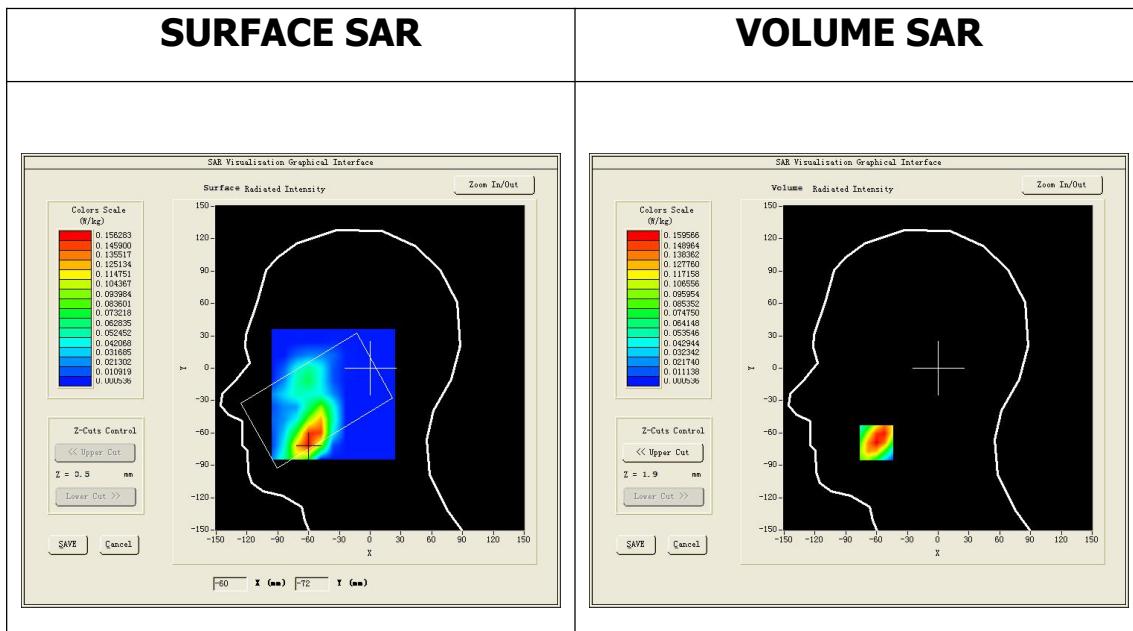
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Lower Band SAR (Channel 9262):

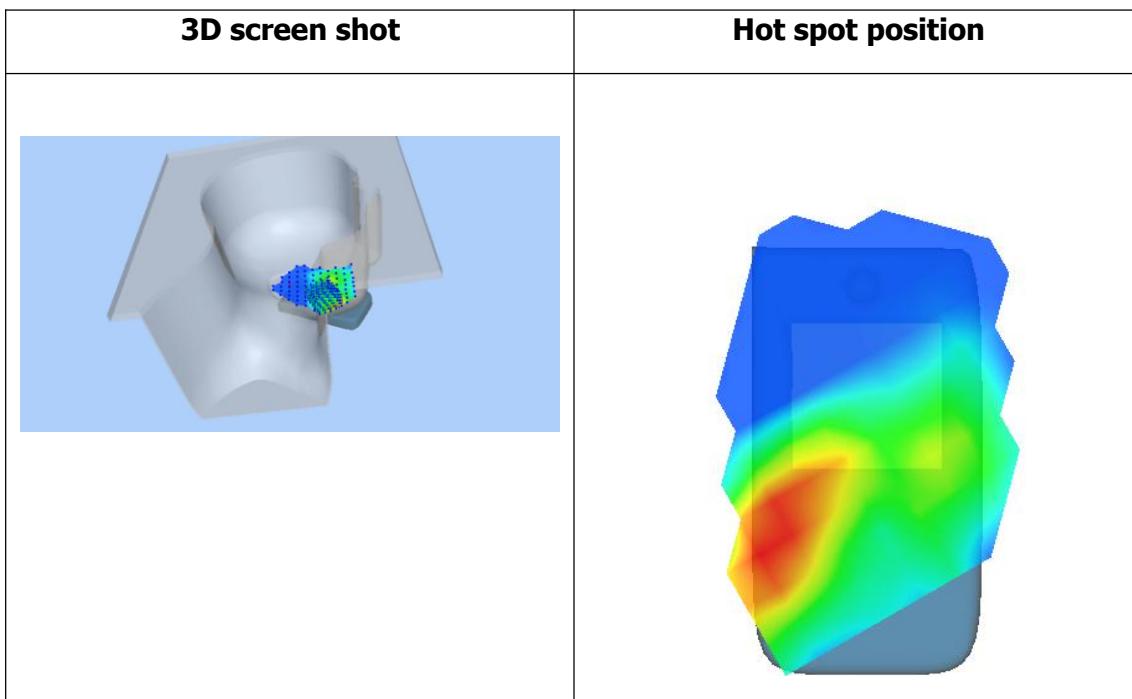
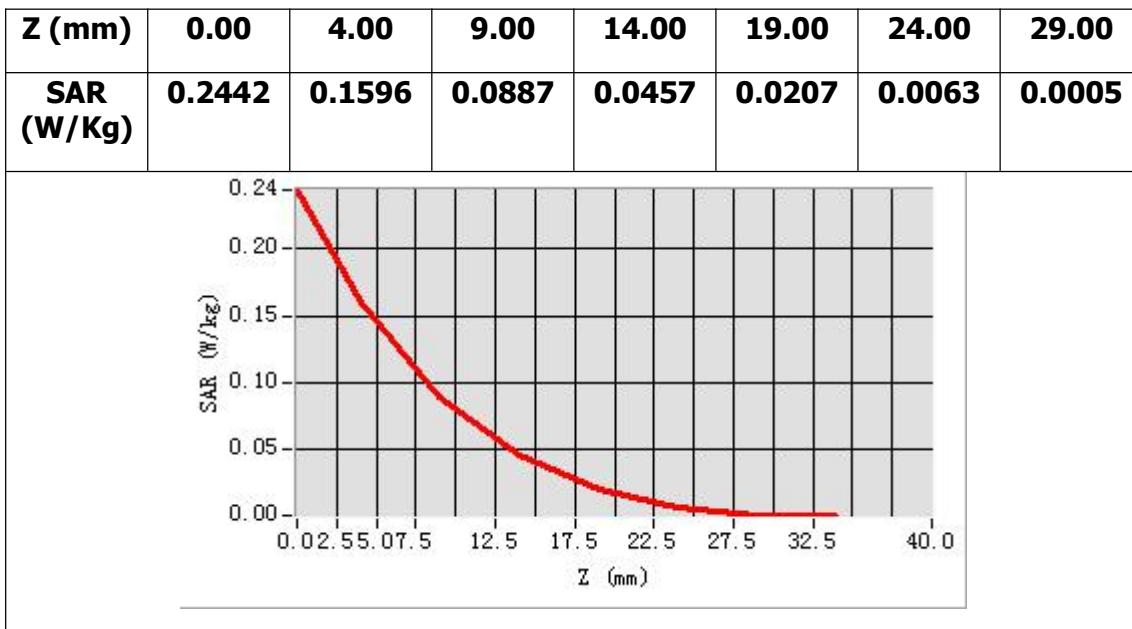
Frequency (MHz)	1852.400024
Relative permittivity (real part)	52.275101
Relative permittivity (imaginary part)	14.512000
Conductivity (S/m)	1.493446
Variation (%)	0.000000



Maximum location: X=-60.00, Y=-69.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.078100
SAR 1g (W/Kg)	0.152665



MEASUREMENT 46

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 47 seconds

A. Experimental conditions.

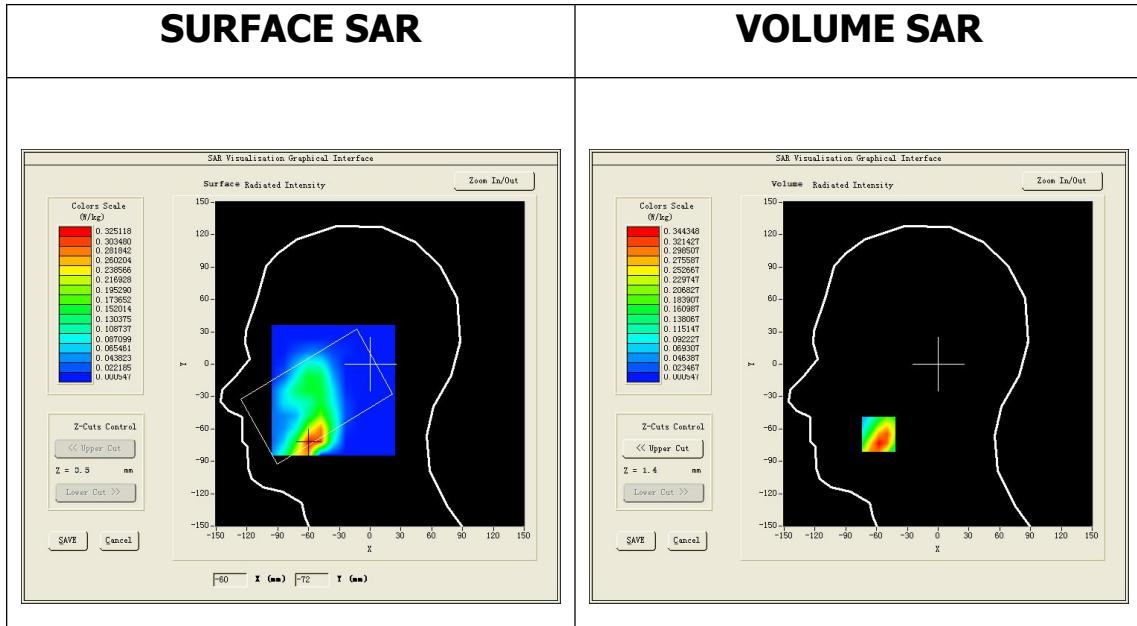
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524670

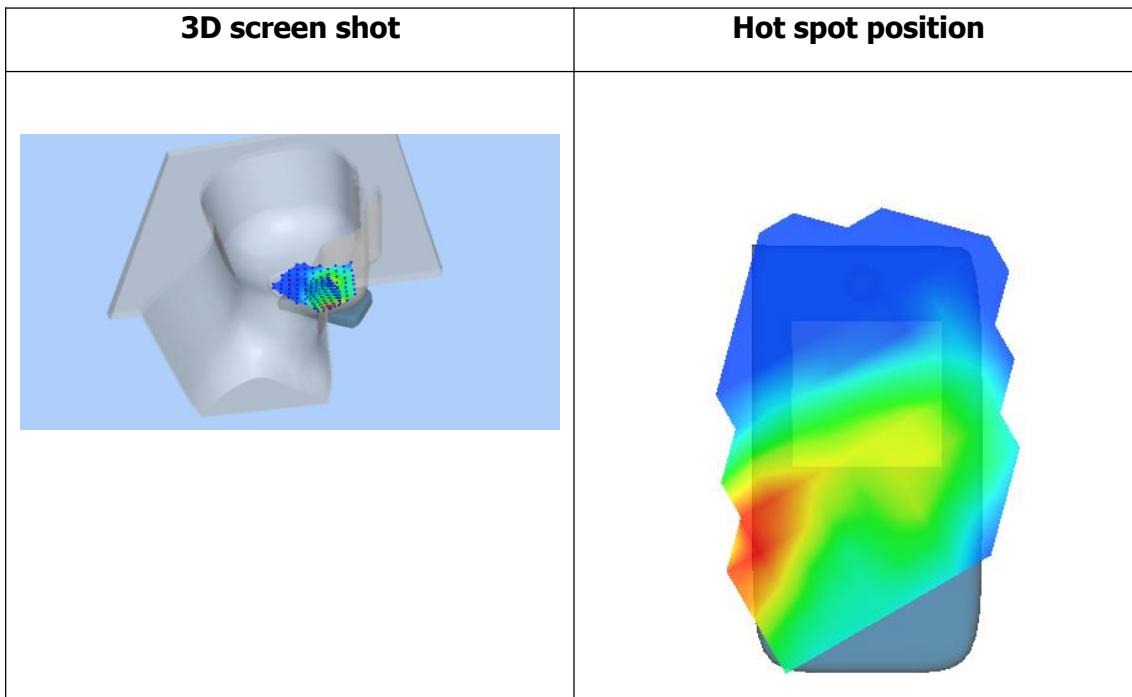
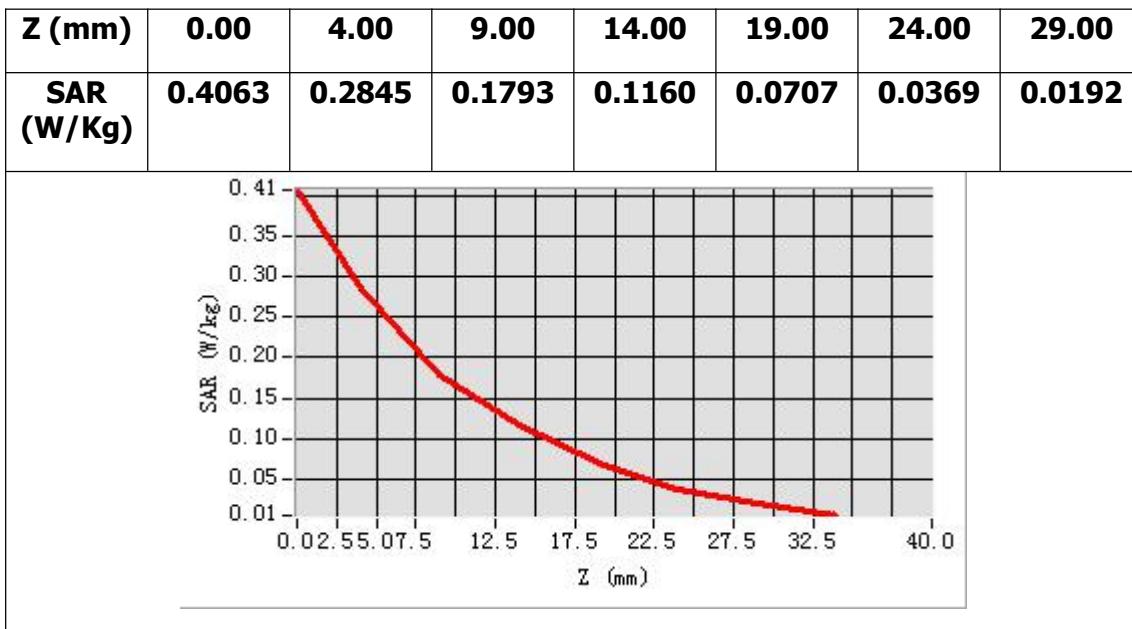
Variation (%)	0.000000
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Maximum location: X=-58.00, Y=-65.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.175073
SAR 1g (W/Kg)	0.324550



MEASUREMENT 47

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 30 seconds

A. Experimental conditions.

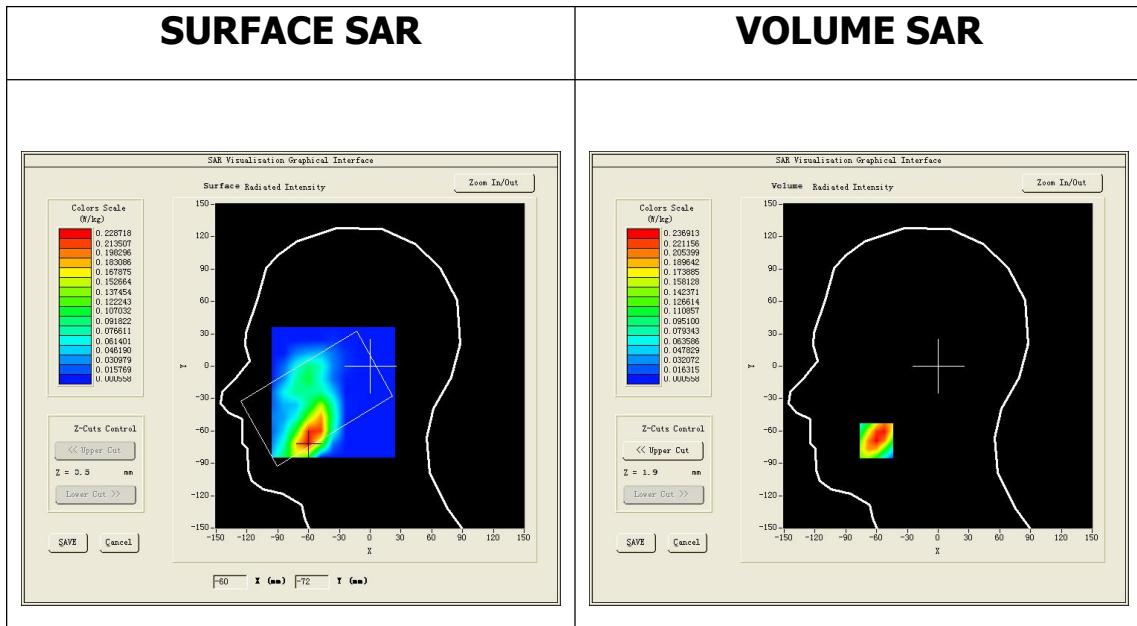
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Higher Band SAR (Channel 9538):

Frequency (MHz)	1907.599976
Relative permittivity (real part)	52.233501
Relative permittivity (imaginary part)	14.683700
Conductivity (S/m)	1.556146

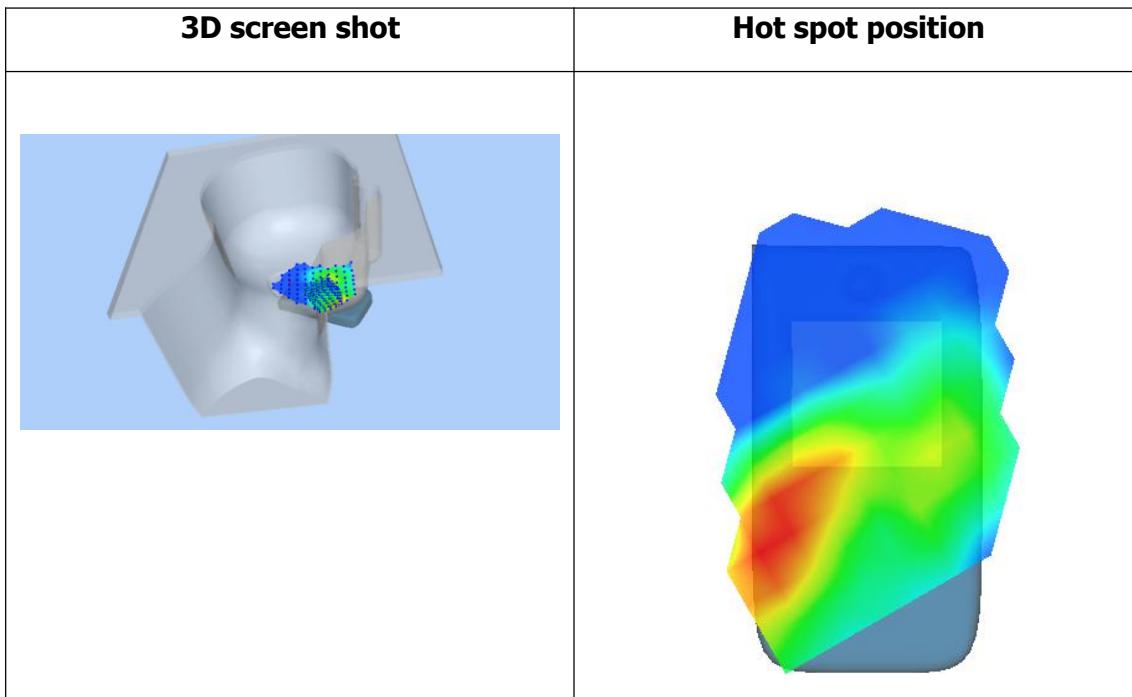
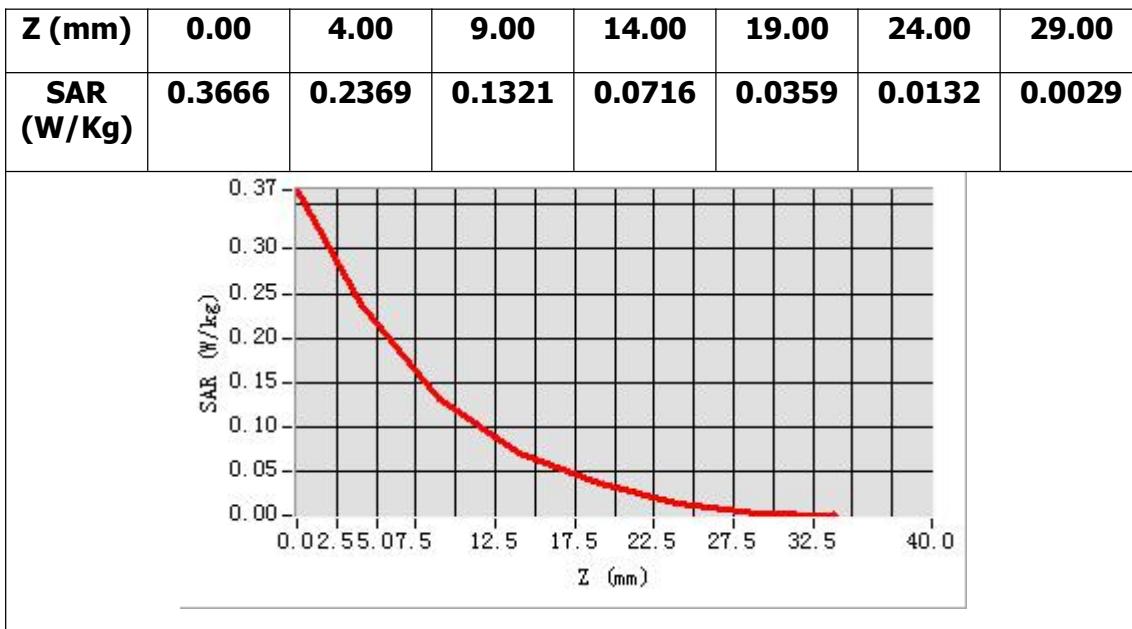
Variation (%)	0.000000
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Maximum location: X=-60.00, Y=-69.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.119105
SAR 1g (W/Kg)	0.229819



MEASUREMENT 48

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 8 minutes 55 seconds

A. Experimental conditions.

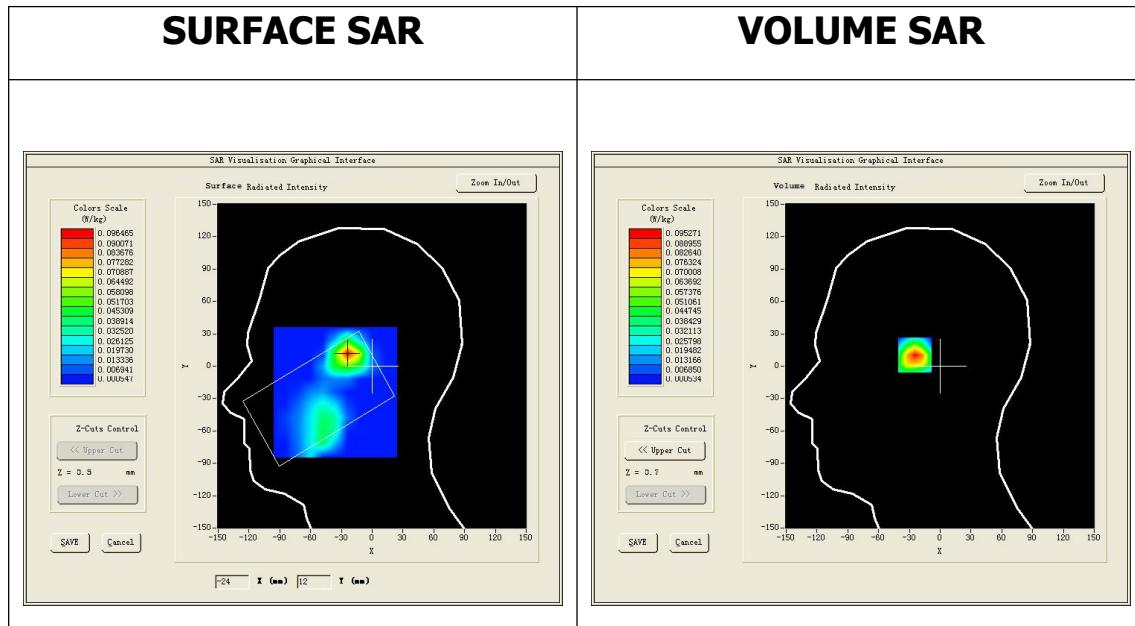
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524670

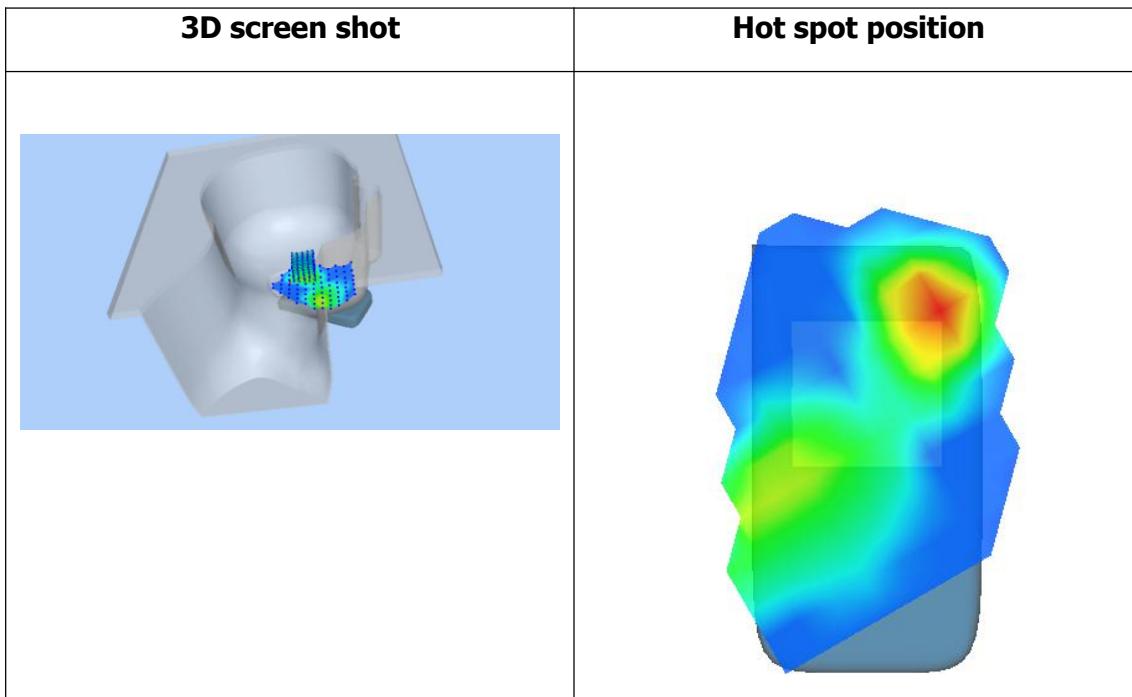
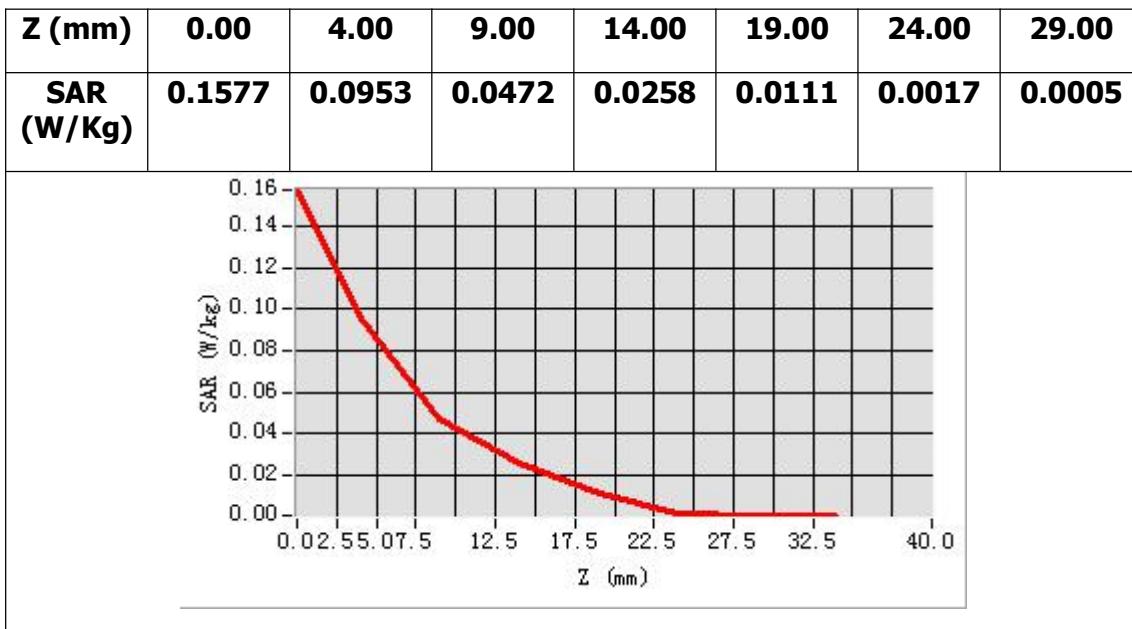
Variation (%)	4.660000
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Maximum location: X=-23.00, Y=12.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.039888
SAR 1g (W/Kg)	0.089089



MEASUREMENT 49

Towards-phantom-low

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 53 seconds

A. Experimental conditions.

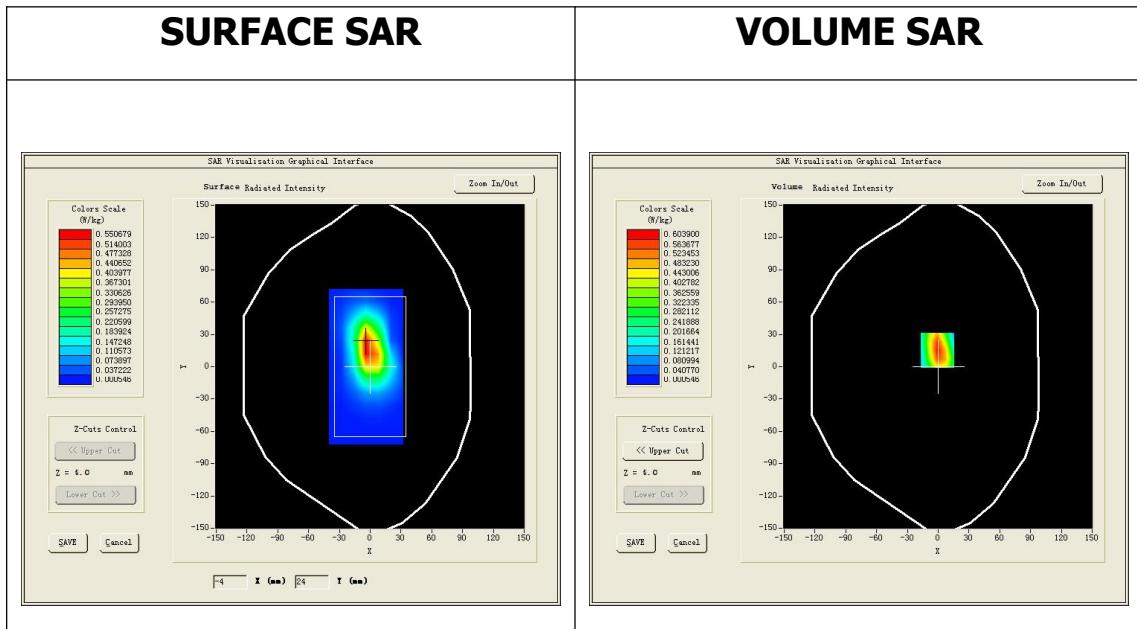
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Lower Band SAR (Channel 9262):

Frequency (MHz)	1852.400024
Relative permittivity (real part)	52.275101
Relative permittivity (imaginary part)	14.512000
Conductivity (S/m)	1.493446

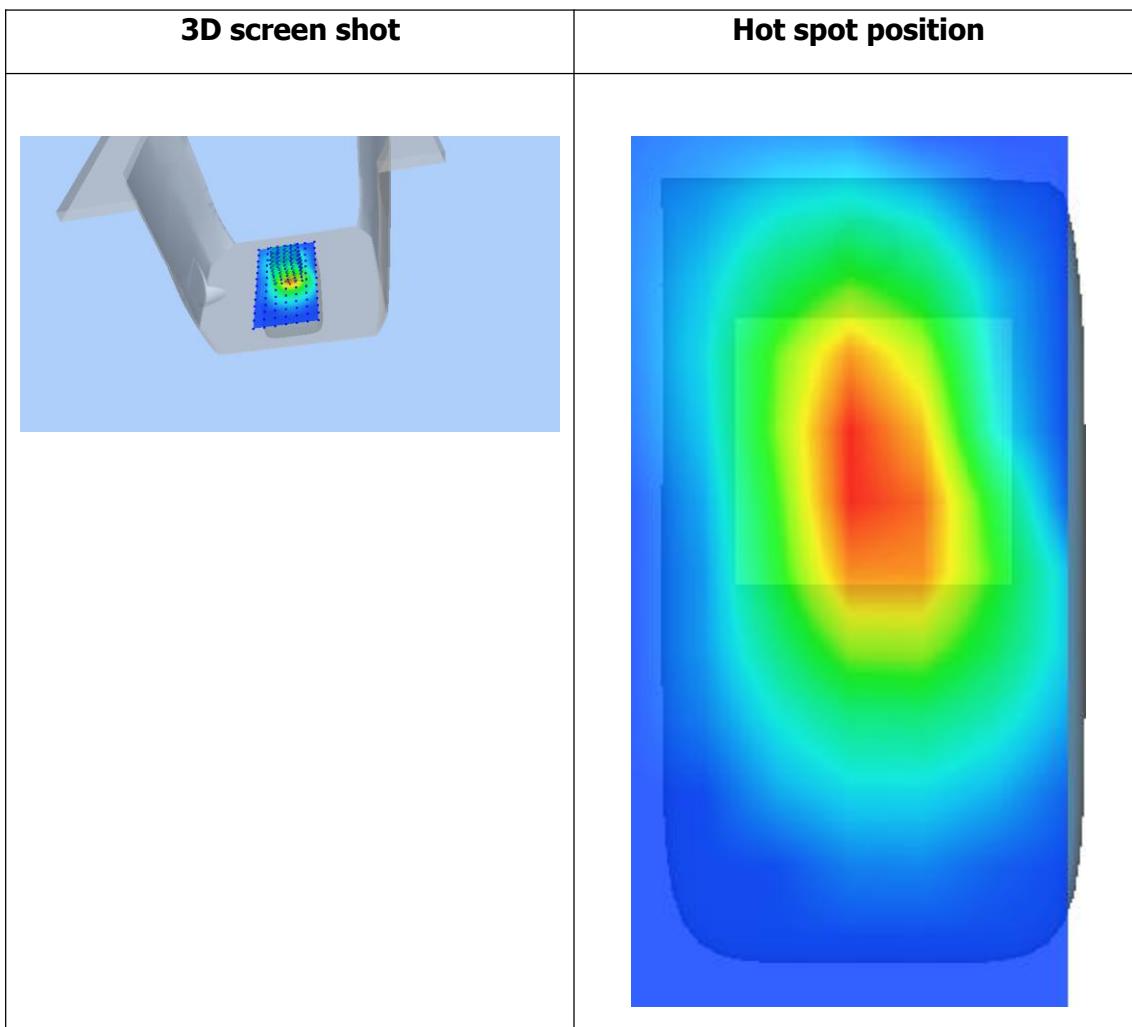
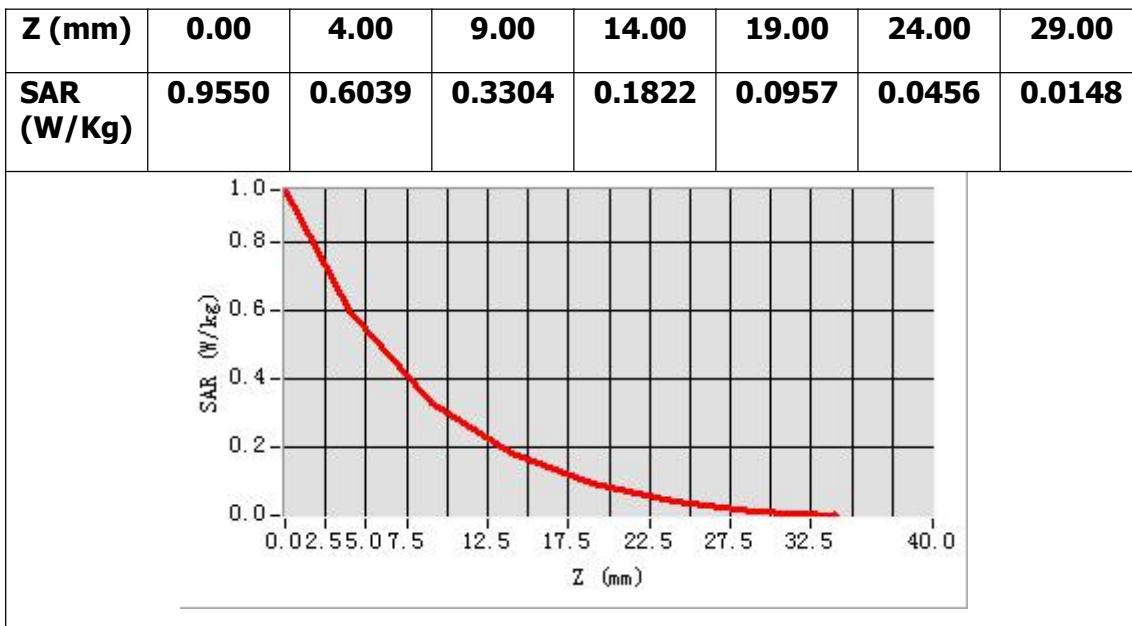
Variation (%)	0.580000
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Maximum location: X=-1.00, Y=15.00

SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.287800
SAR 1g (W/Kg)	0.567058



MEASUREMENT 50

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 11 minutes 59 seconds

A. Experimental conditions.

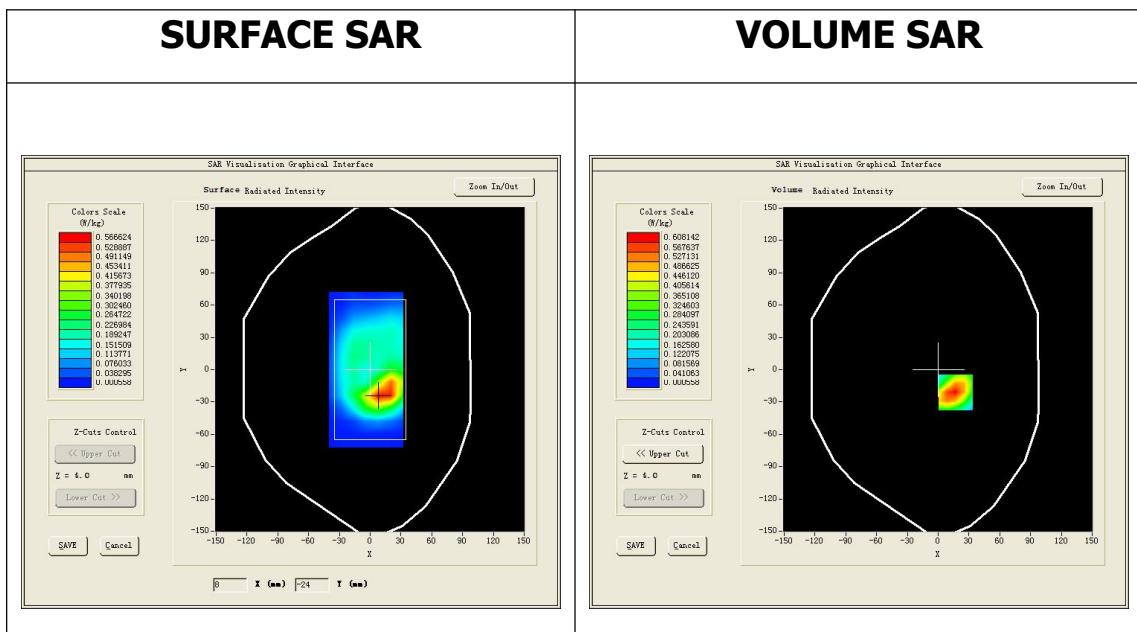
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524670

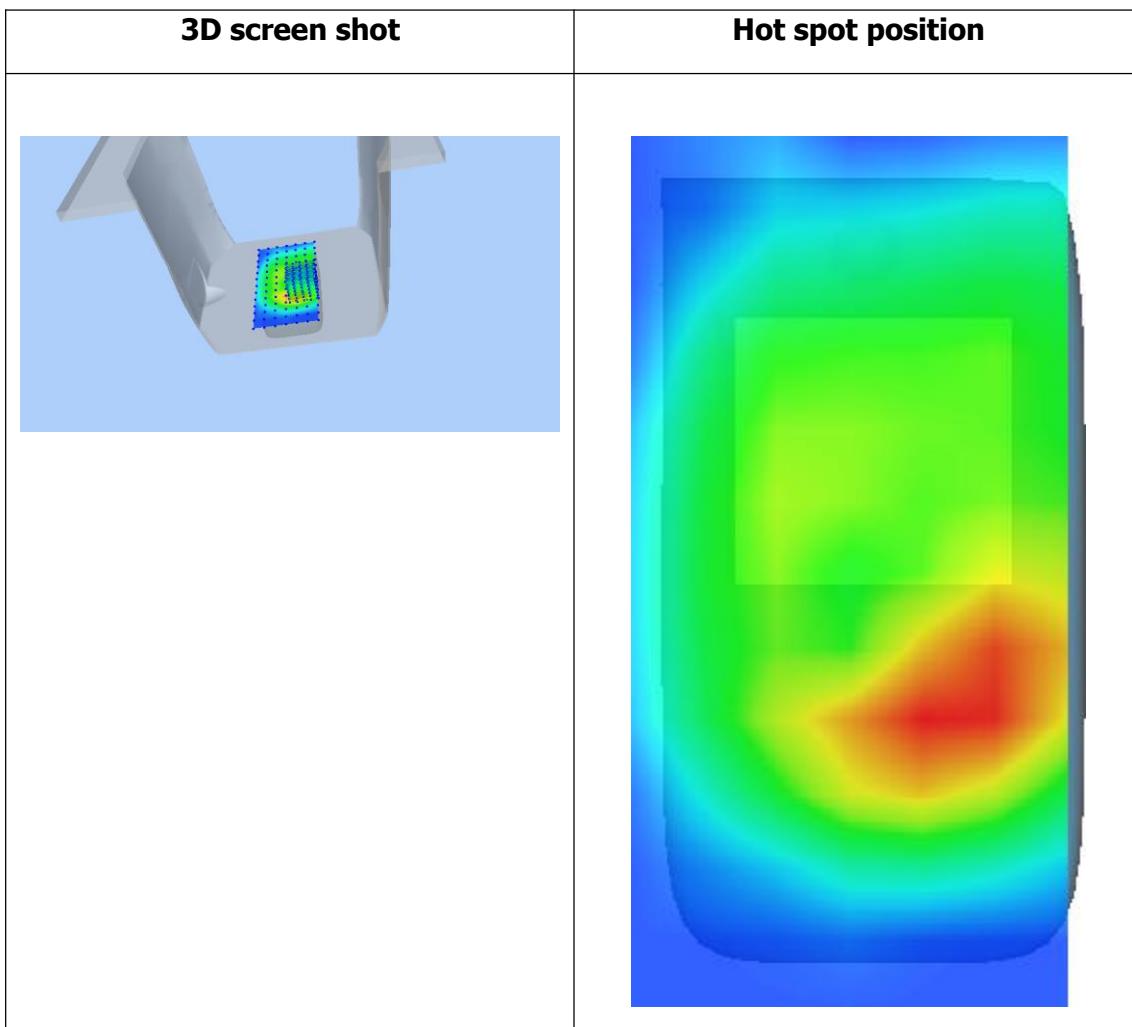
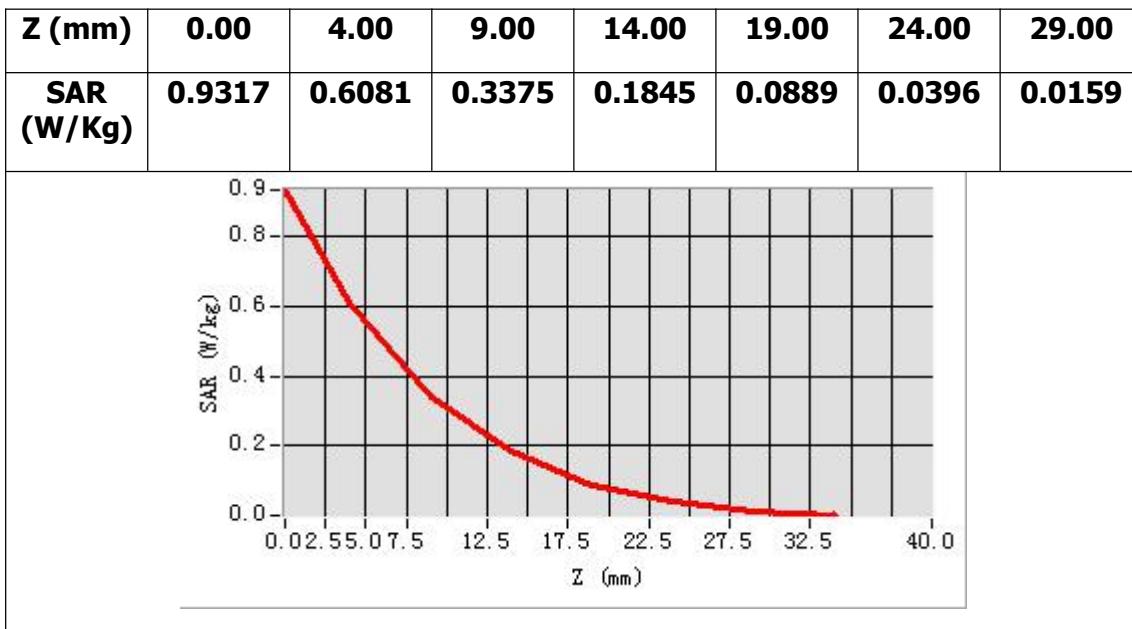
Variation (%)	2.060000
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Maximum location: X=17.00, Y=-21.00

SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.296069
SAR 1g (W/Kg)	0.576214



MEASUREMENT 51

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 32 seconds

A. Experimental conditions.

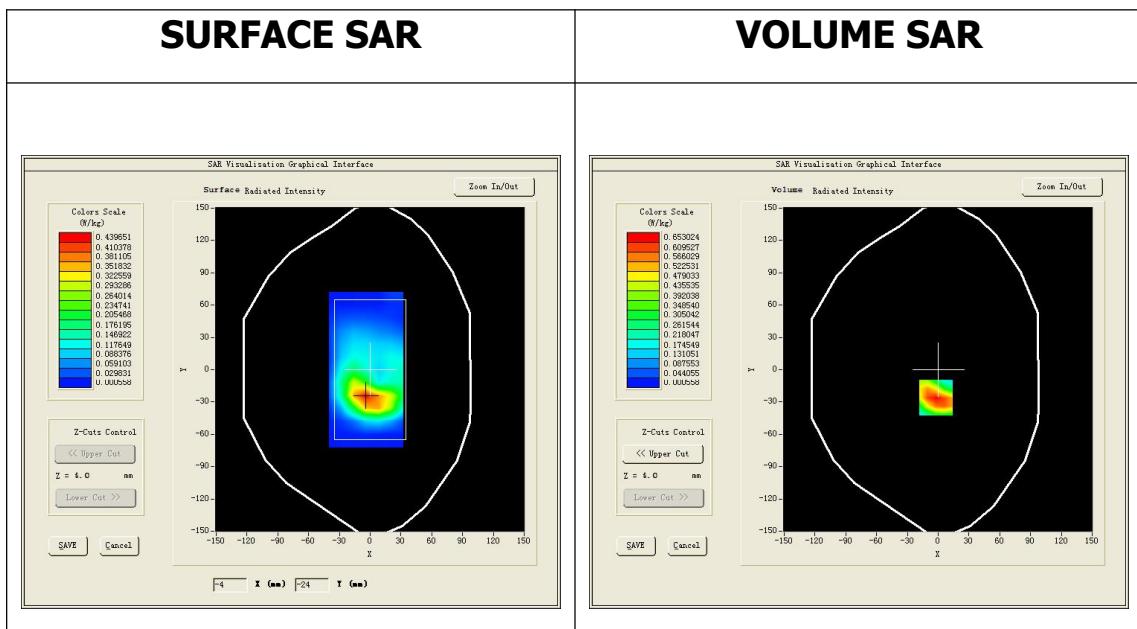
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524670

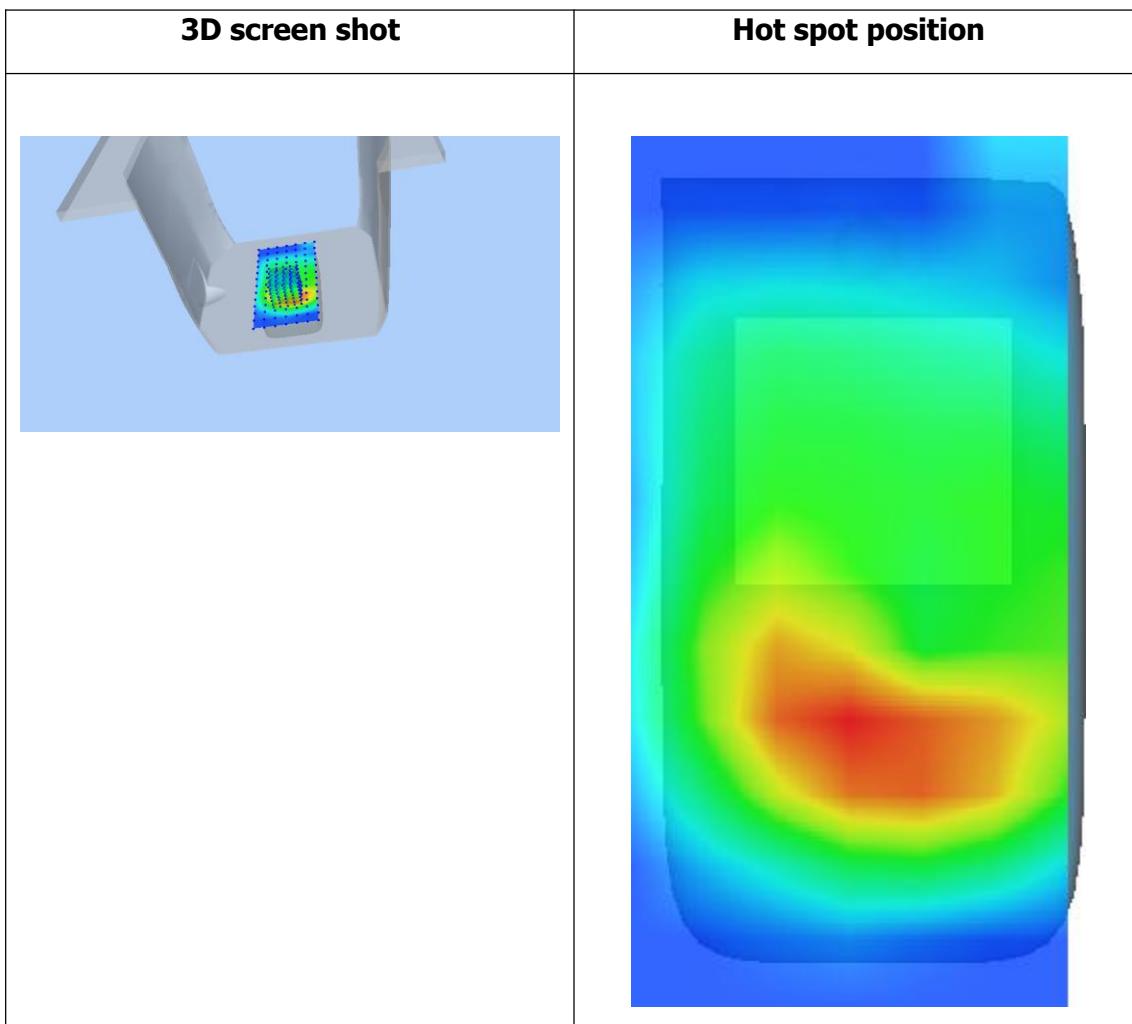
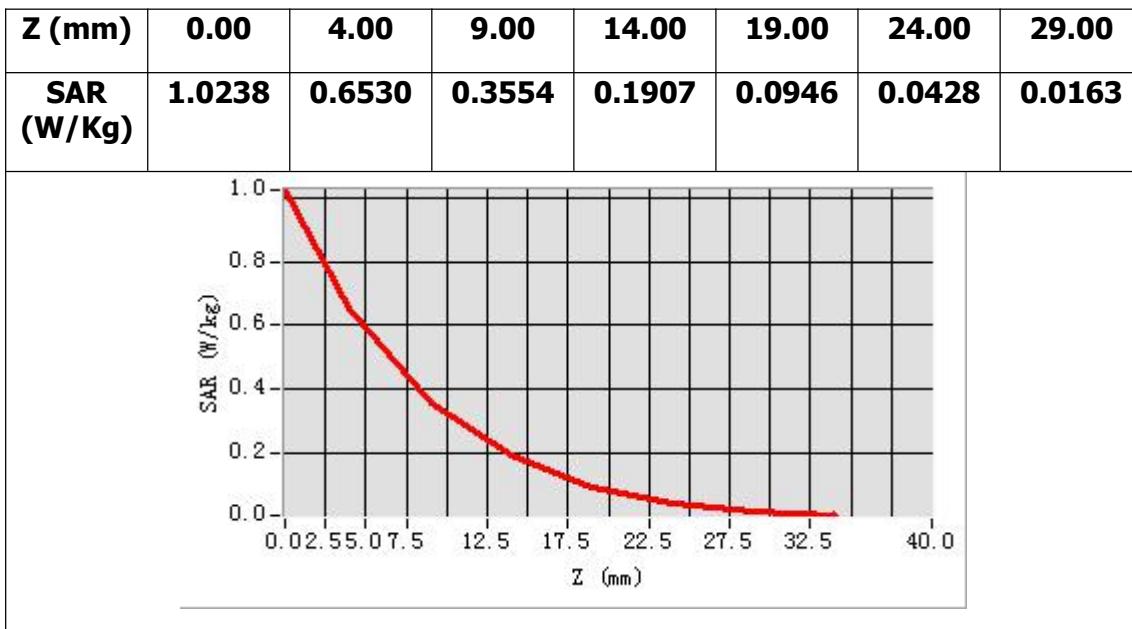
Variation (%)	2.630000
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Maximum location: X=-2.00, Y=-26.00

SAR Peak: 1.04 W/kg

SAR 10g (W/Kg)	0.320540
SAR 1g (W/Kg)	0.626220



MEASUREMENT 52

Towards-phantom-high

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 46 seconds

A. Experimental conditions.

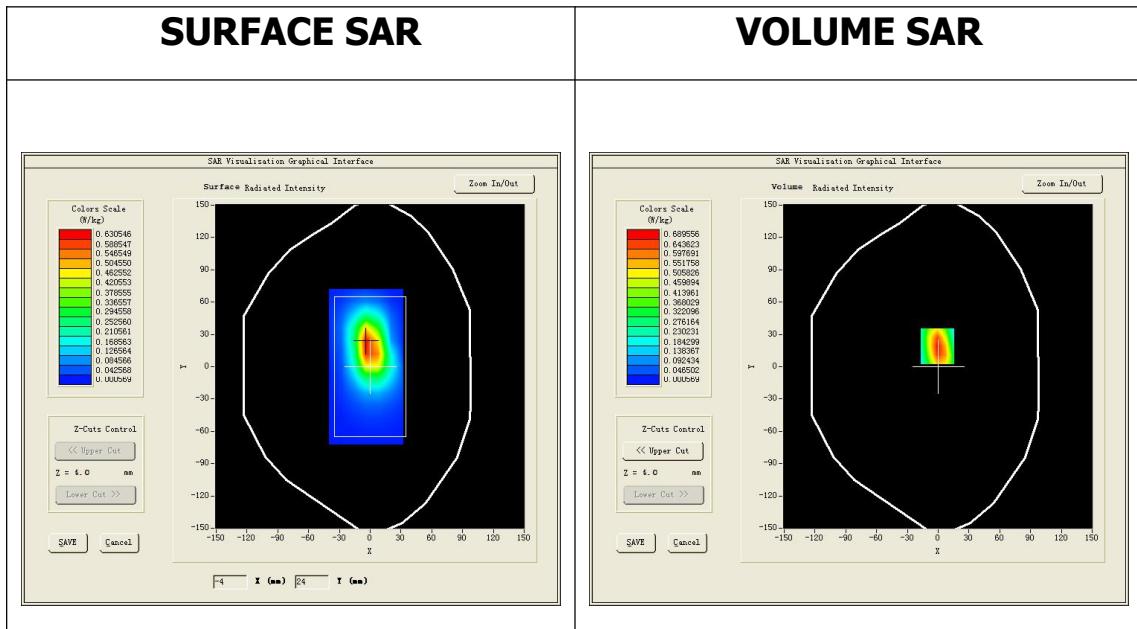
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Higher Band SAR (Channel 9538):

Frequency (MHz)	1907.599976
Relative permittivity (real part)	52.233501
Relative permittivity (imaginary part)	14.683700
Conductivity (S/m)	1.556146

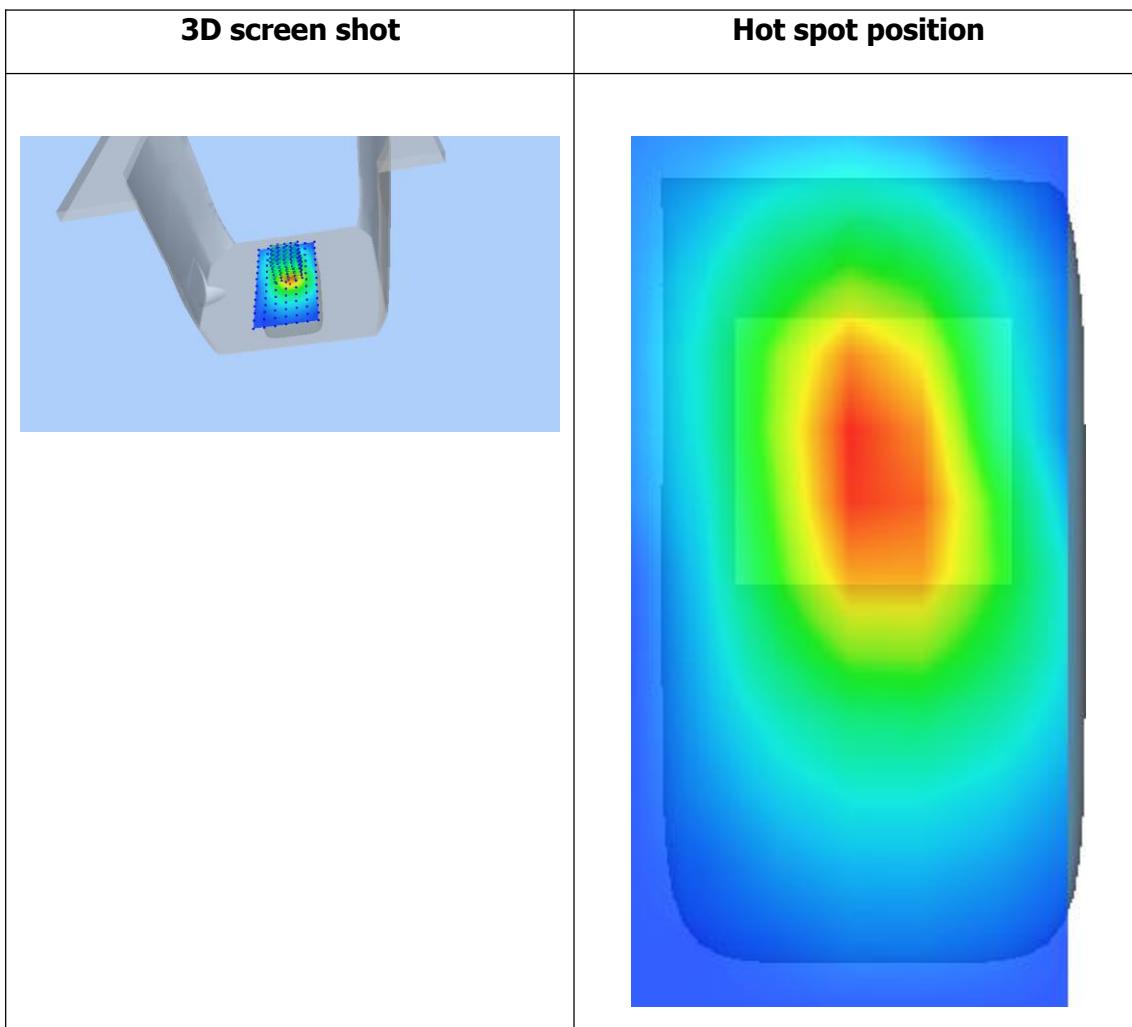
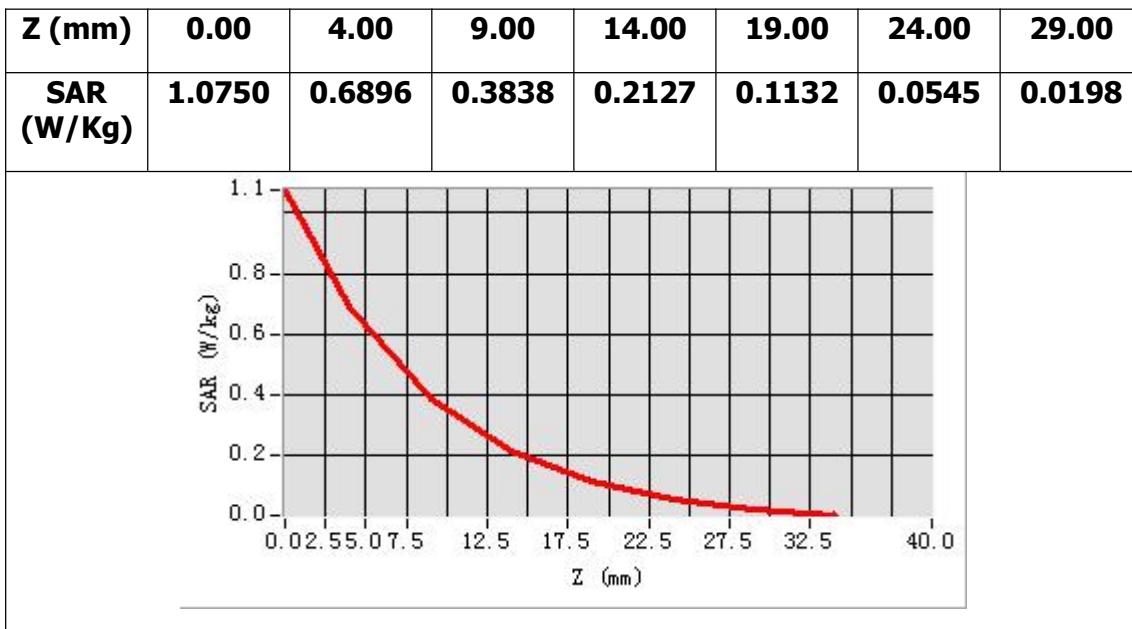
Variation (%)	0.130000
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Maximum location: X=-1.00, Y=19.00

SAR Peak: 1.08 W/kg

SAR 10g (W/Kg)	0.341404
SAR 1g (W/Kg)	0.661891



MEASUREMENT 53

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 16 seconds

A. Experimental conditions.

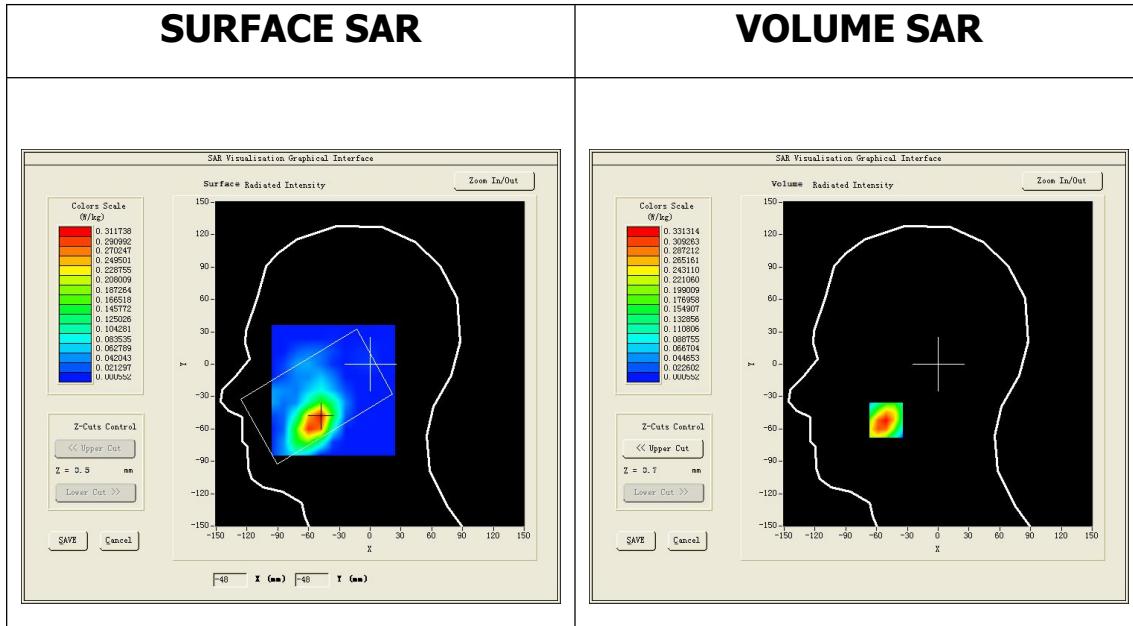
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.01</u>

B. SAR Measurement Results

Lower Band SAR (Channel 1312):

Frequency (MHz)	1712.400000
Relative permittivity (real part)	39.884499
Relative permittivity (imaginary part)	14.036900
Conductivity (S/m)	1.335065

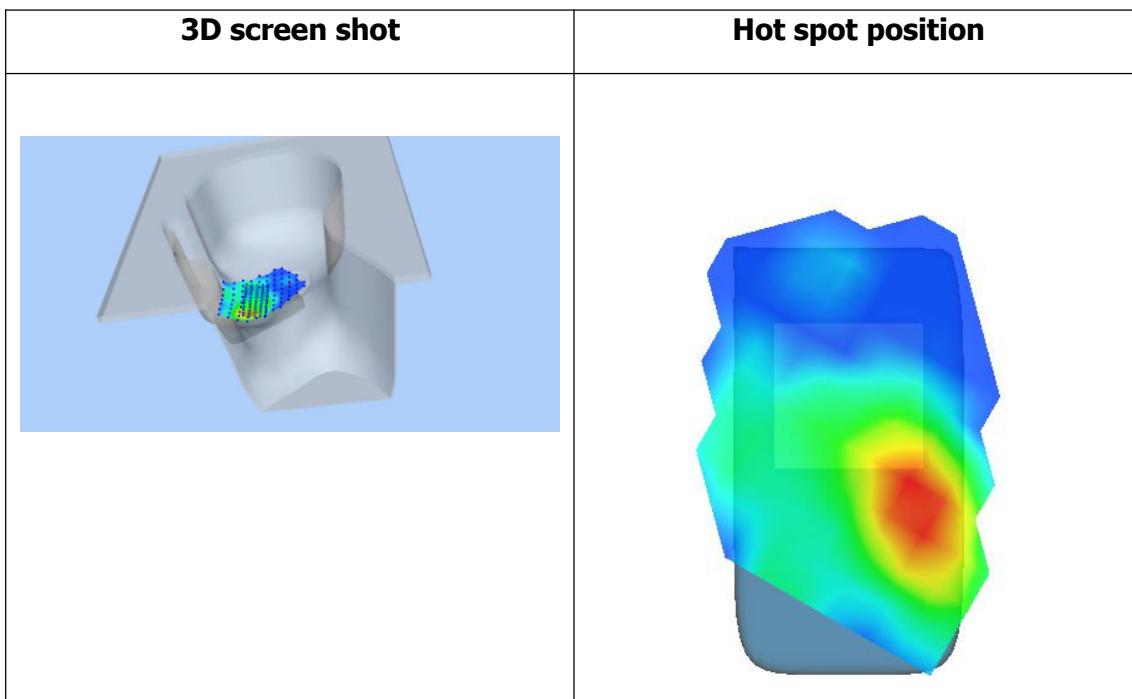
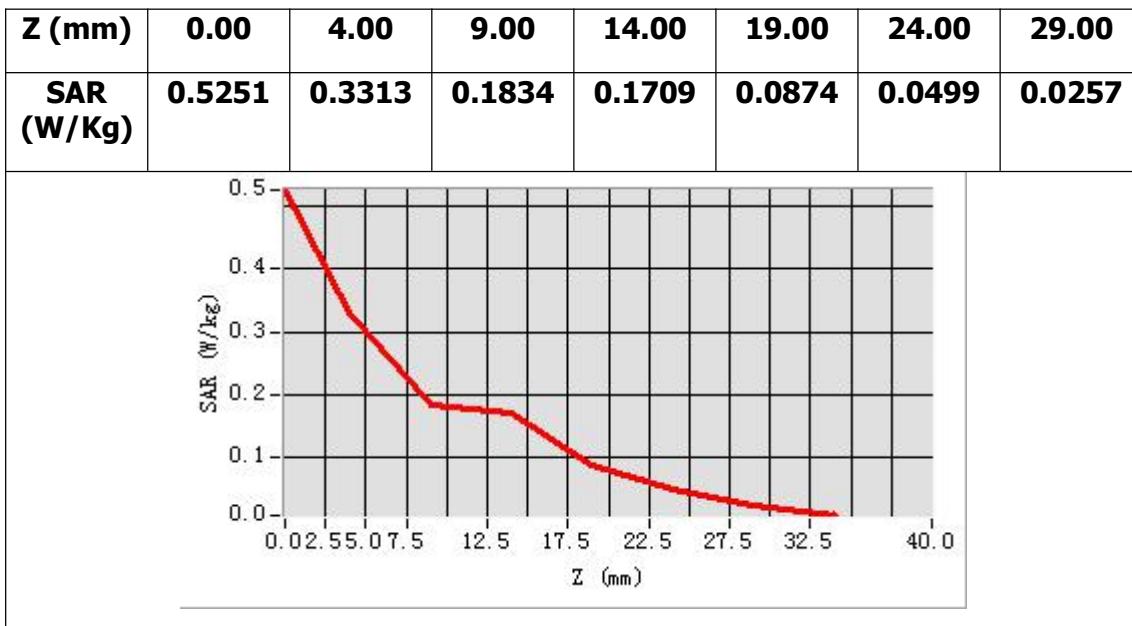
Variation (%)	2.530000
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Maximum location: X=-51.00, Y=-52.00

SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.180797
SAR 1g (W/Kg)	0.331037



MEASUREMENT 54

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 44 seconds

A. Experimental conditions.

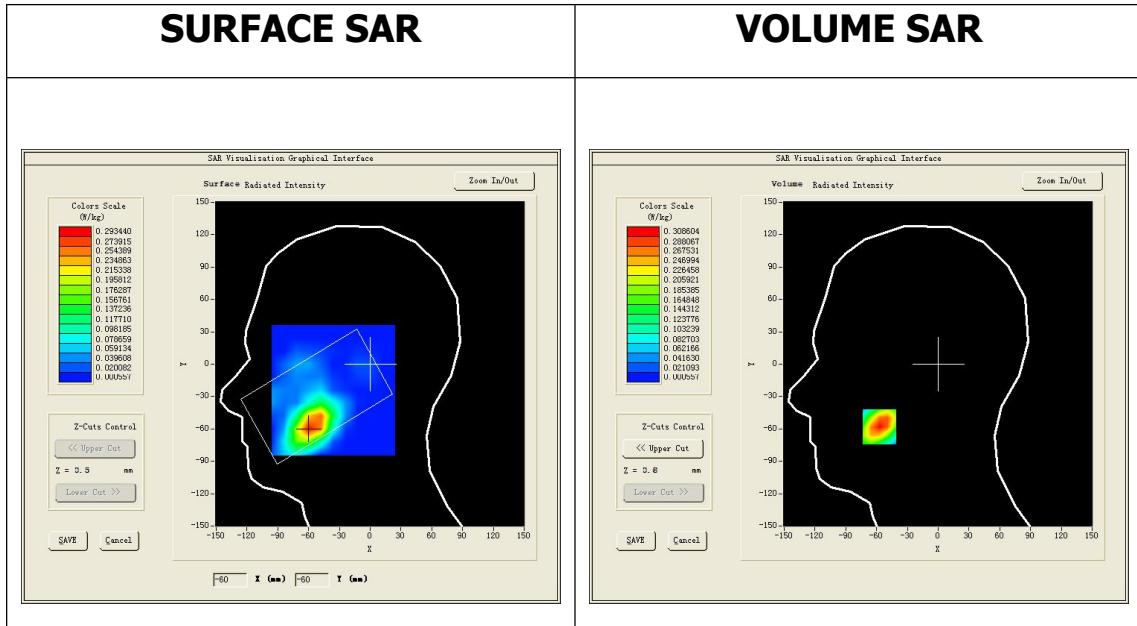
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.01</u>

B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.690201
Relative permittivity (imaginary part)	14.005500
Conductivity (S/m)	1.347640

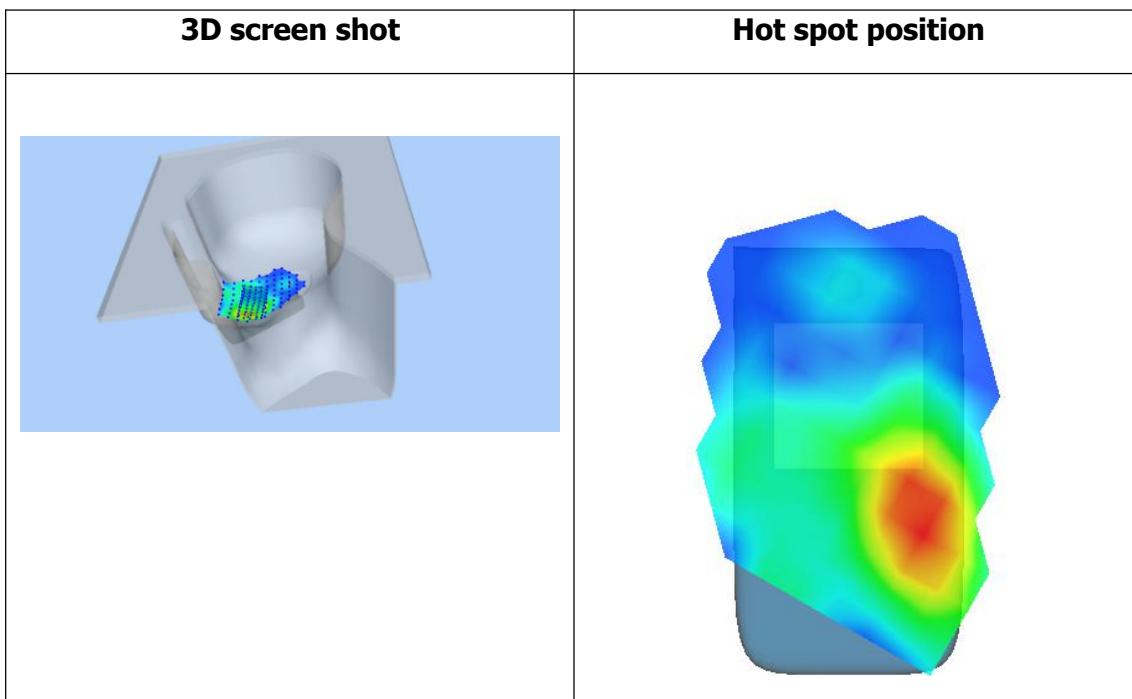
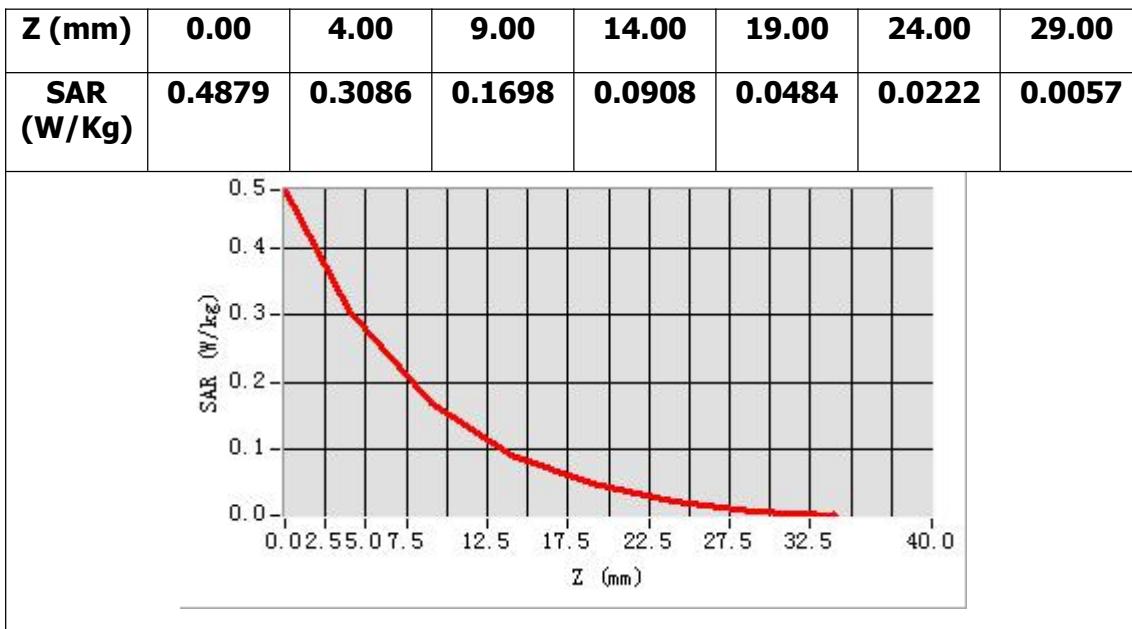
Variation (%)	0.800000
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Maximum location: X=-57.00, Y=-58.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.149292
SAR 1g (W/Kg)	0.295258



MEASUREMENT 55

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 14 seconds

A. Experimental conditions.

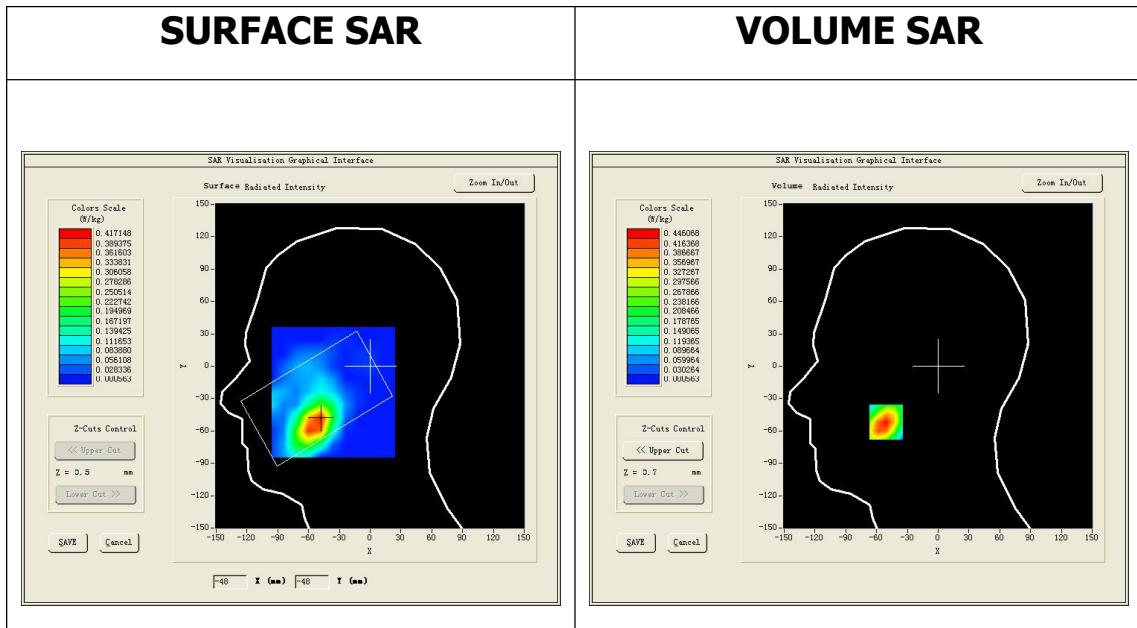
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.01</u>

B. SAR Measurement Results

Higher Band SAR (Channel 1513):

Frequency (MHz)	1752.600000
Relative permittivity (real part)	39.638901
Relative permittivity (imaginary part)	14.010100
Conductivity (S/m)	1.363650

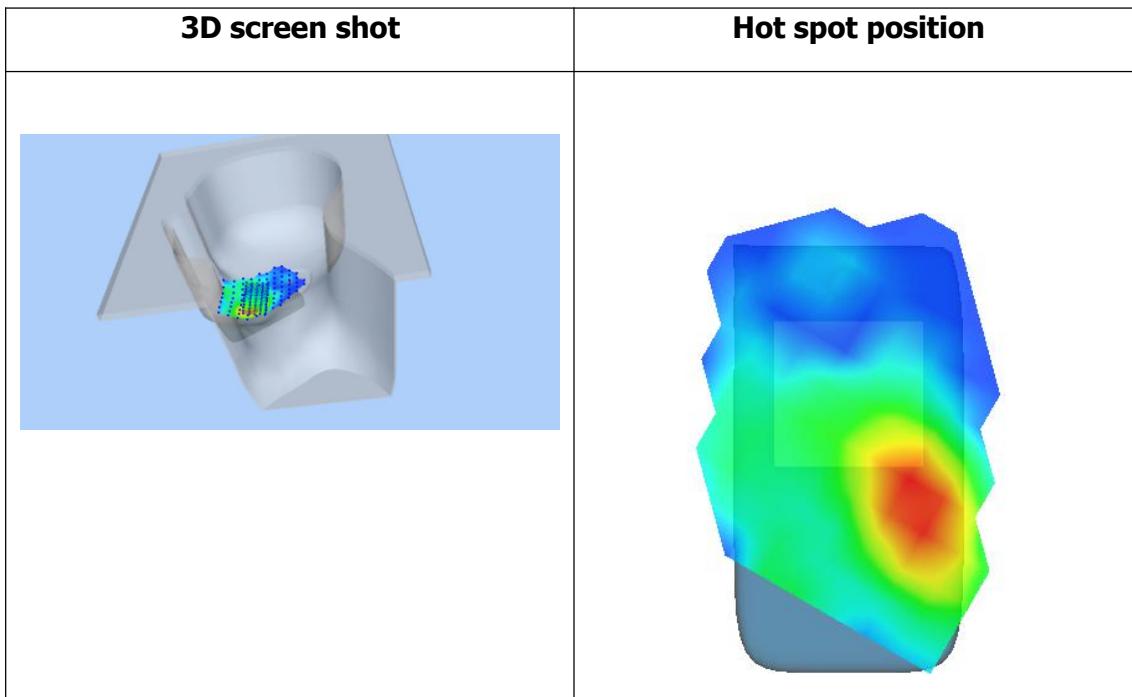
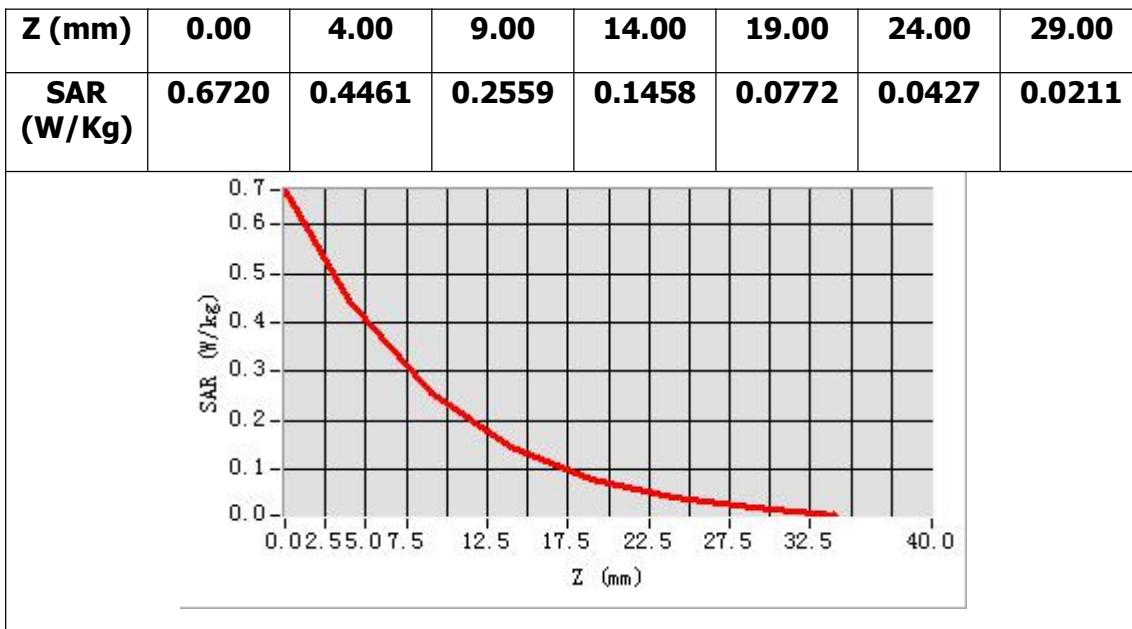
Variation (%)	2.010000
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Maximum location: X=-51.00, Y=-52.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.223972
SAR 1g (W/Kg)	0.461042



MEASUREMENT 56

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 8 minutes 56 seconds

A. Experimental conditions.

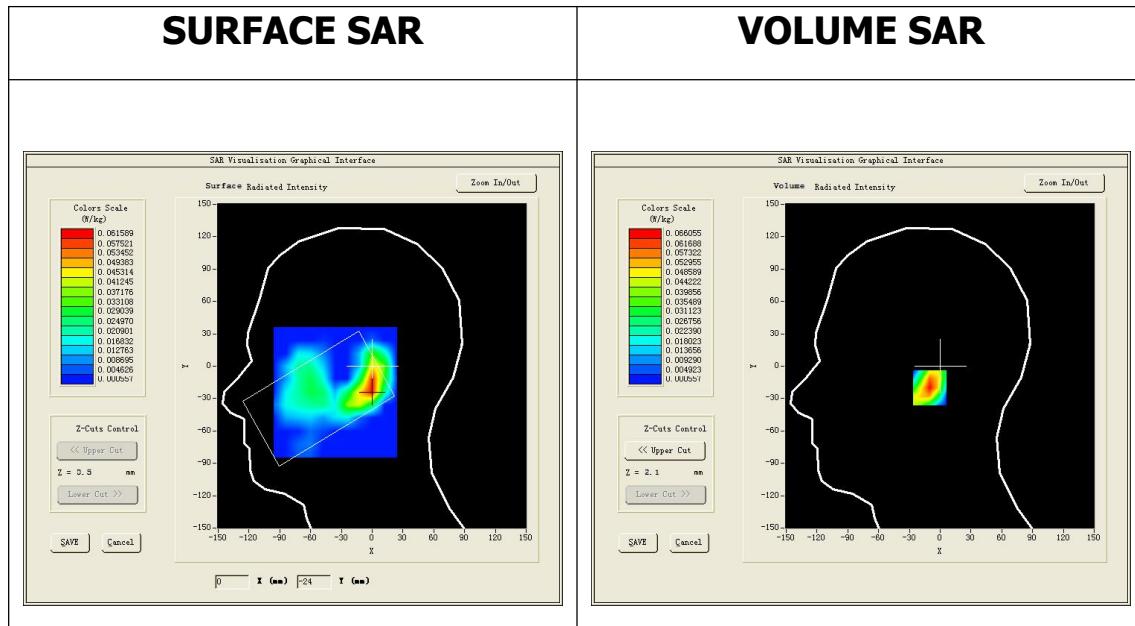
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.01</u>

B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.690201
Relative permittivity (imaginary part)	14.005500
Conductivity (S/m)	1.347640

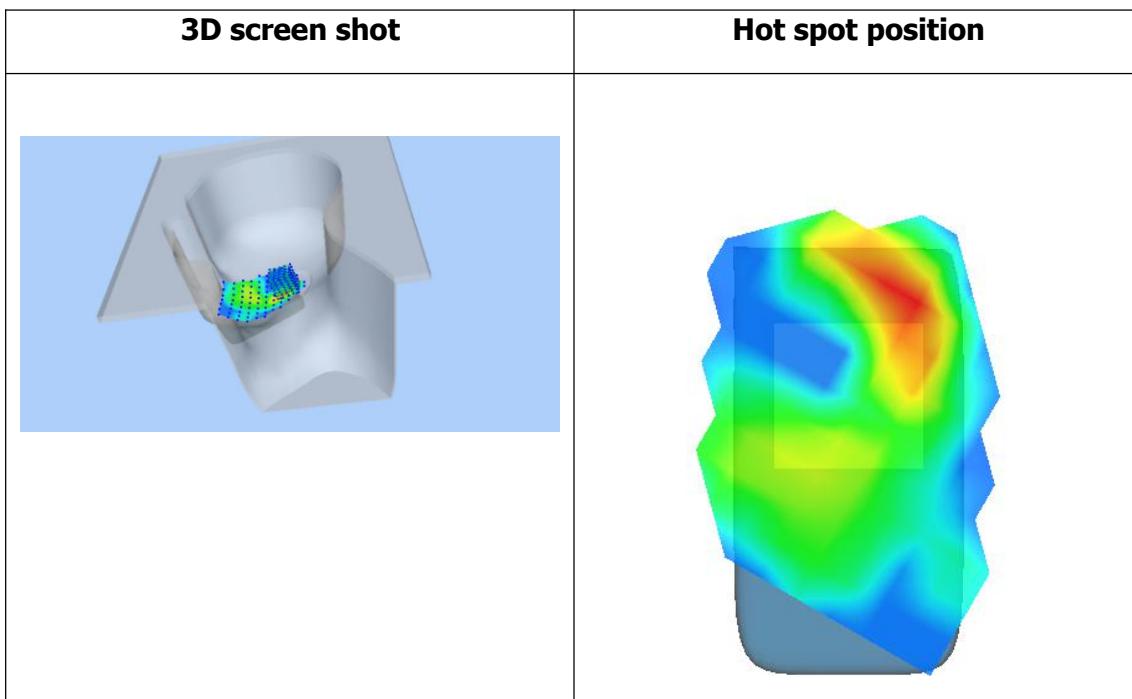
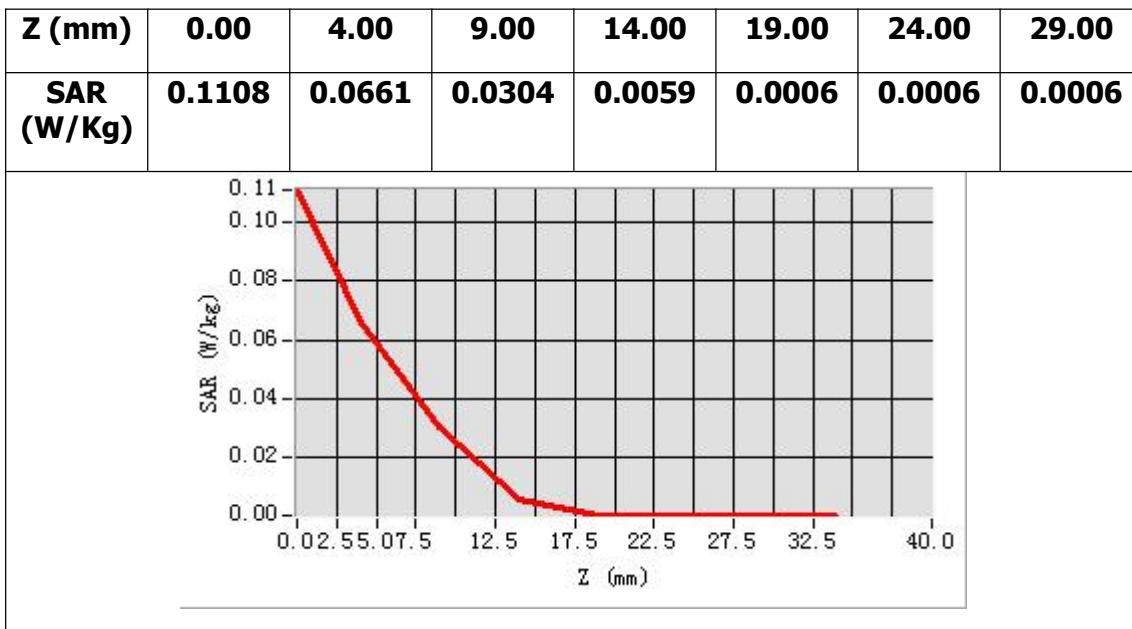
Variation (%)	-0.270000
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Maximum location: X=-1.00, Y=-20.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.025236
SAR 1g (W/Kg)	0.060424



MEASUREMENT 57

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 40 seconds

A. Experimental conditions.

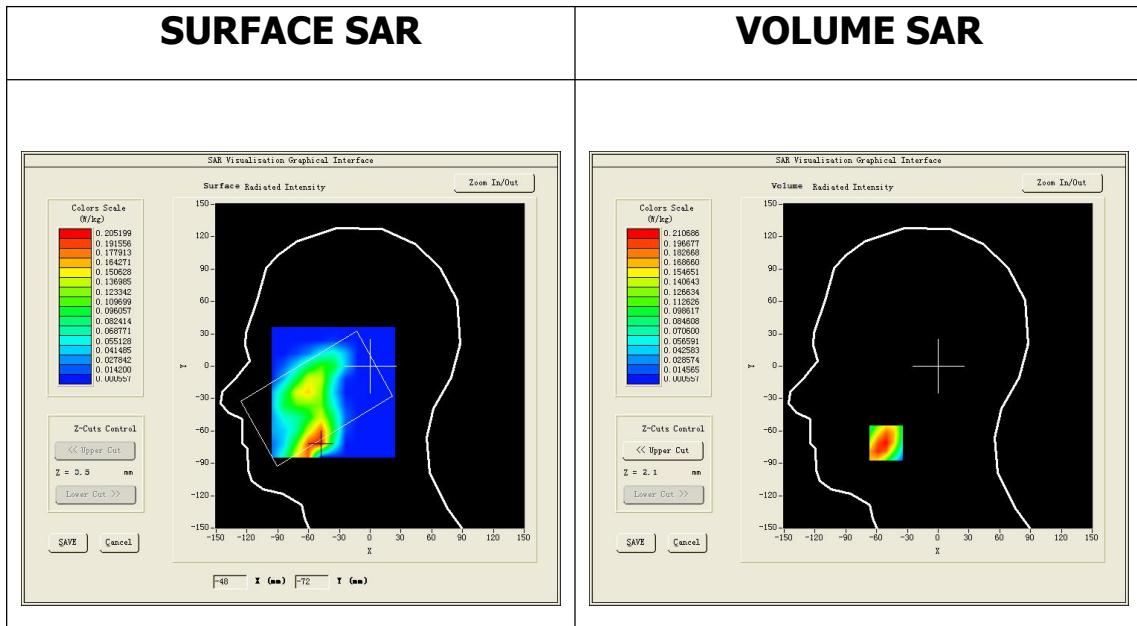
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.01</u>

B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.690201
Relative permittivity (imaginary part)	14.005500
Conductivity (S/m)	1.347640

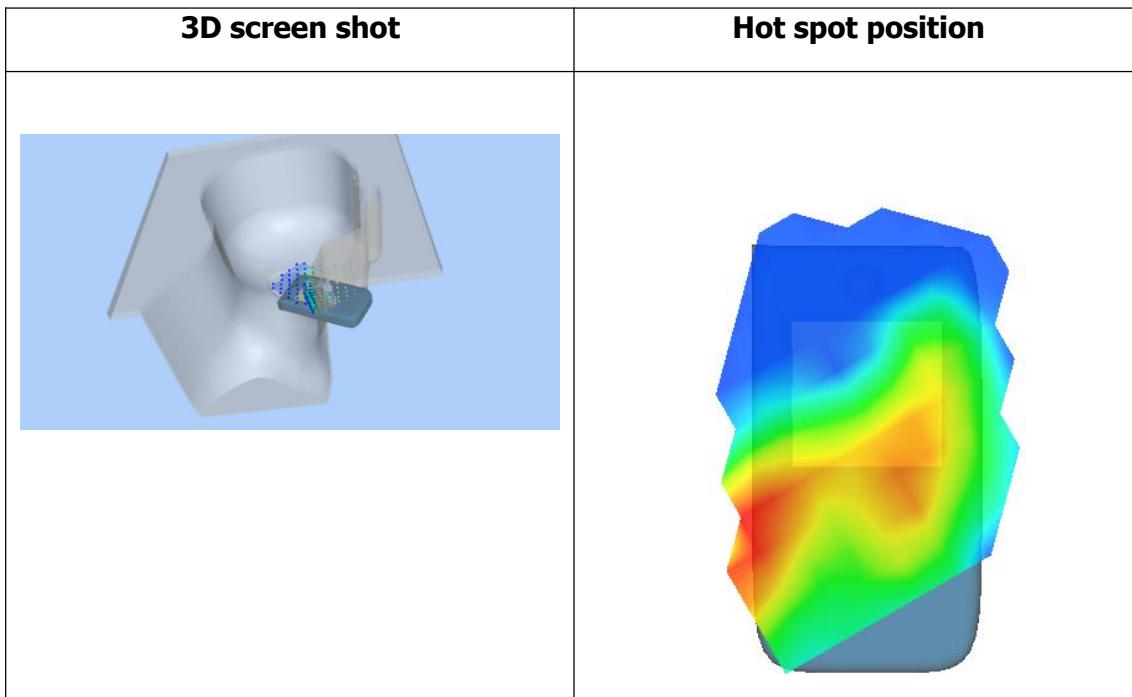
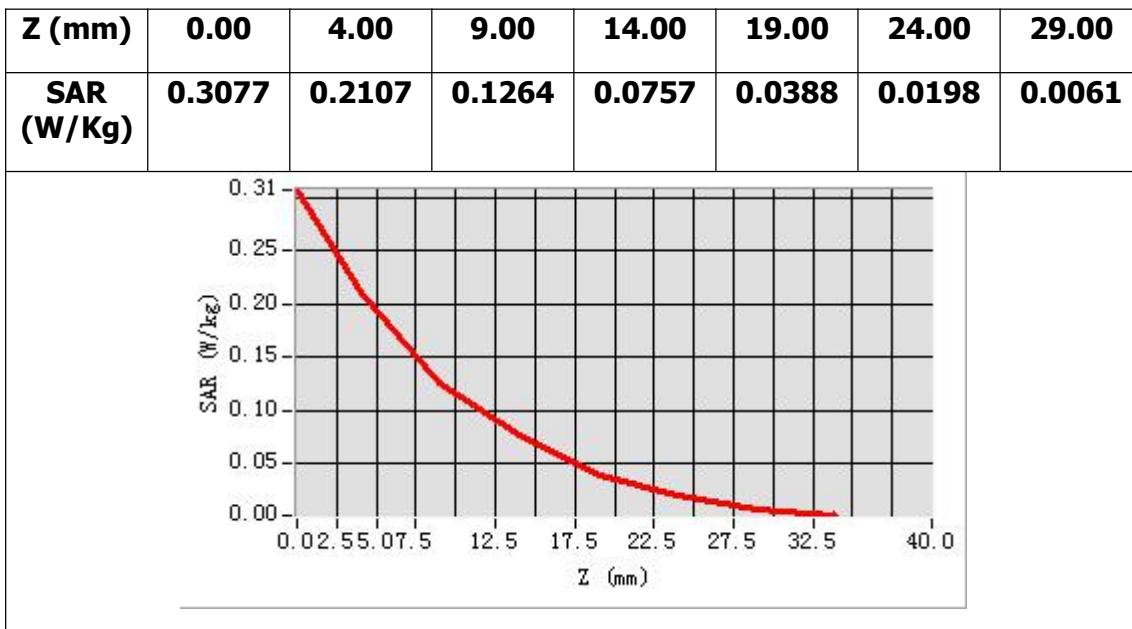
Variation (%)	0.000000
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Maximum location: X=-51.00, Y=-71.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.107898
SAR 1g (W/Kg)	0.201737



MEASUREMENT 58

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 8 minutes 52 seconds

A. Experimental conditions.

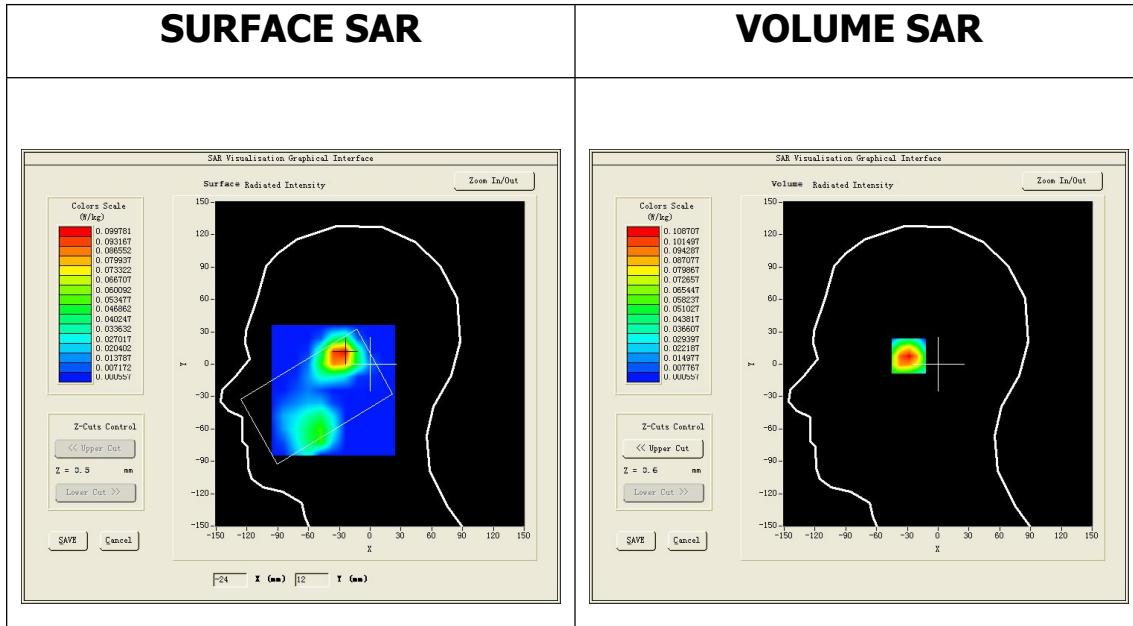
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.01</u>

B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.690201
Relative permittivity (imaginary part)	14.005500
Conductivity (S/m)	1.347640

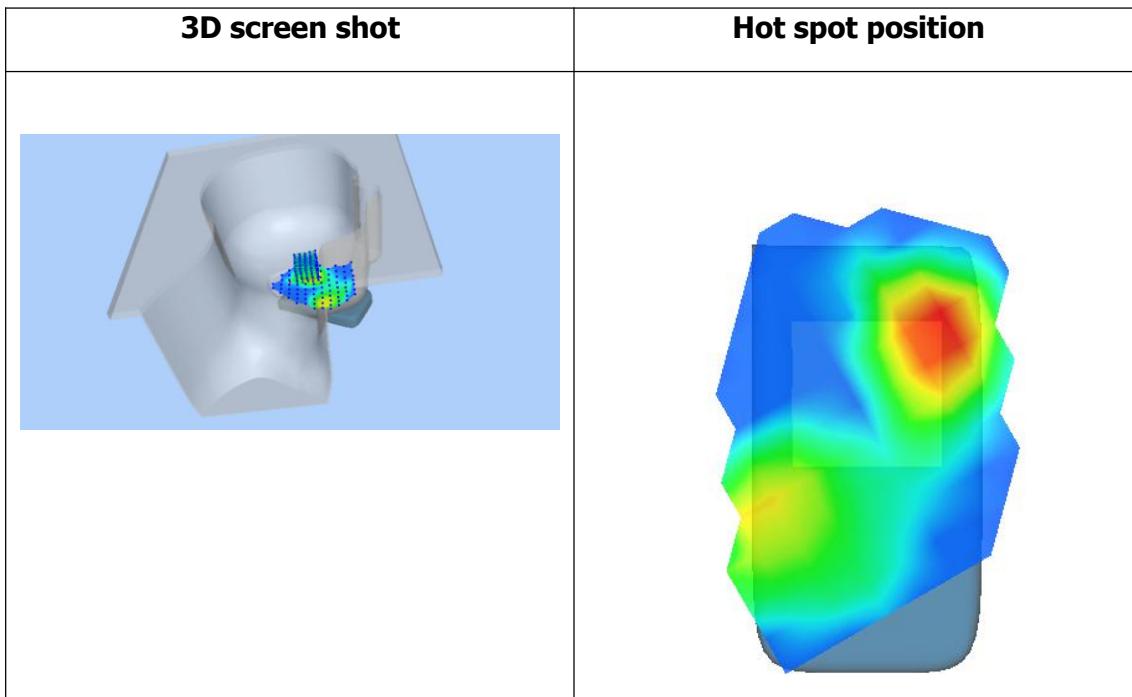
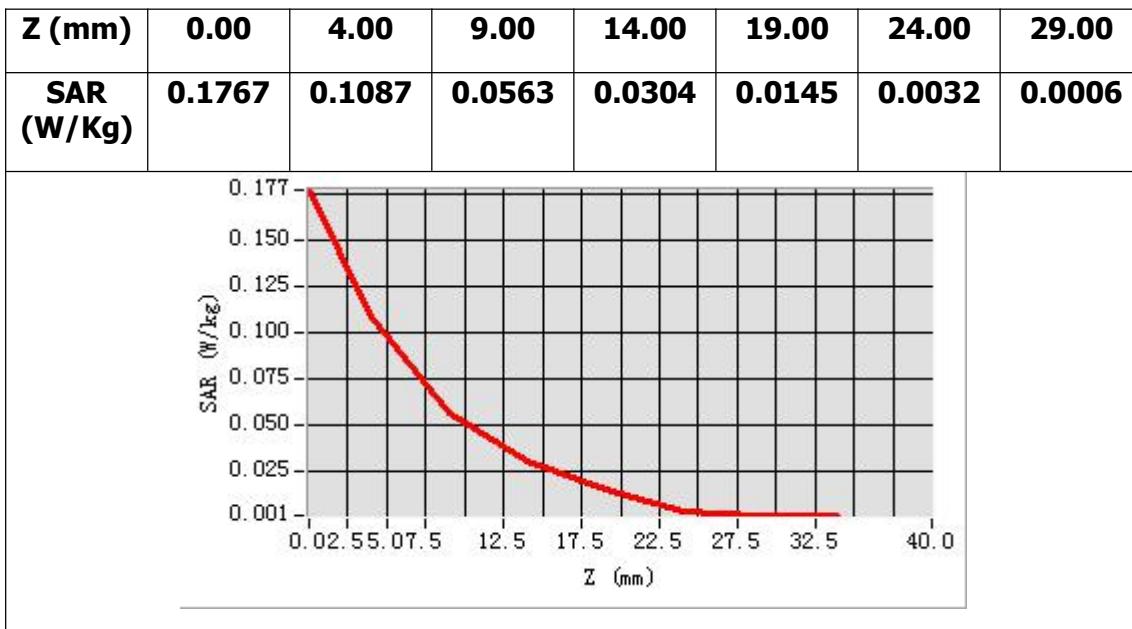
Variation (%)	2.850000
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Maximum location: X=-28.00, Y=10.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.048508
SAR 1g (W/Kg)	0.104119



MEASUREMENT 59

Towards-phantom-low

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 50 seconds

A. Experimental conditions.

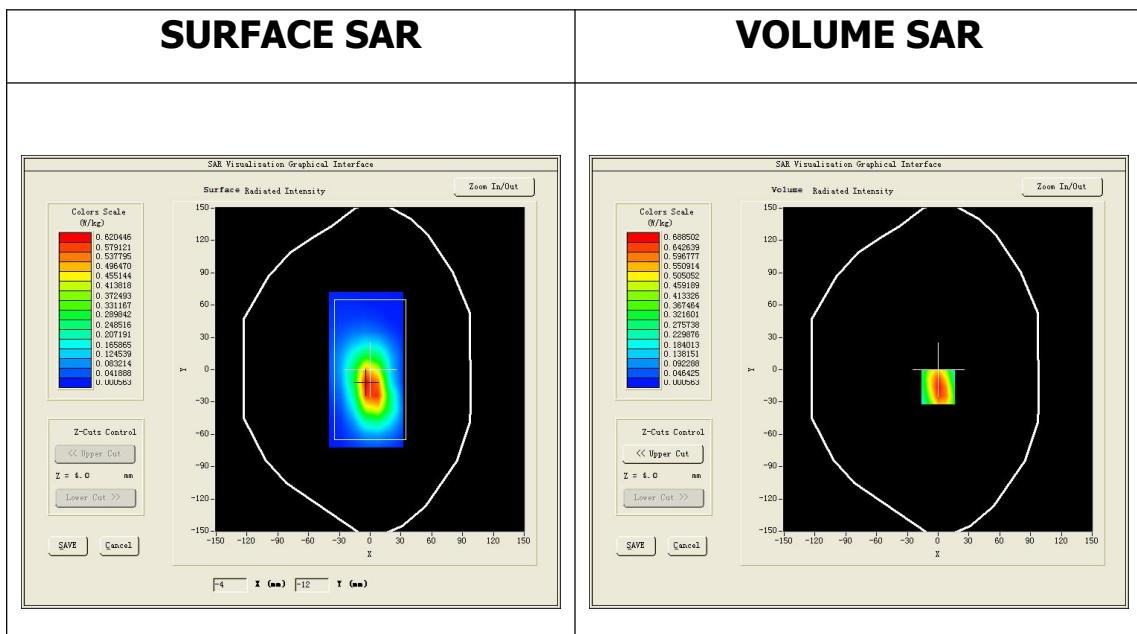
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.16</u>

B. SAR Measurement Results

Lower Band SAR (Channel 1312):

Frequency (MHz)	1712.400000
Relative permittivity (real part)	53.459099
Relative permittivity (imaginary part)	14.667500
Conductivity (S/m)	1.395042

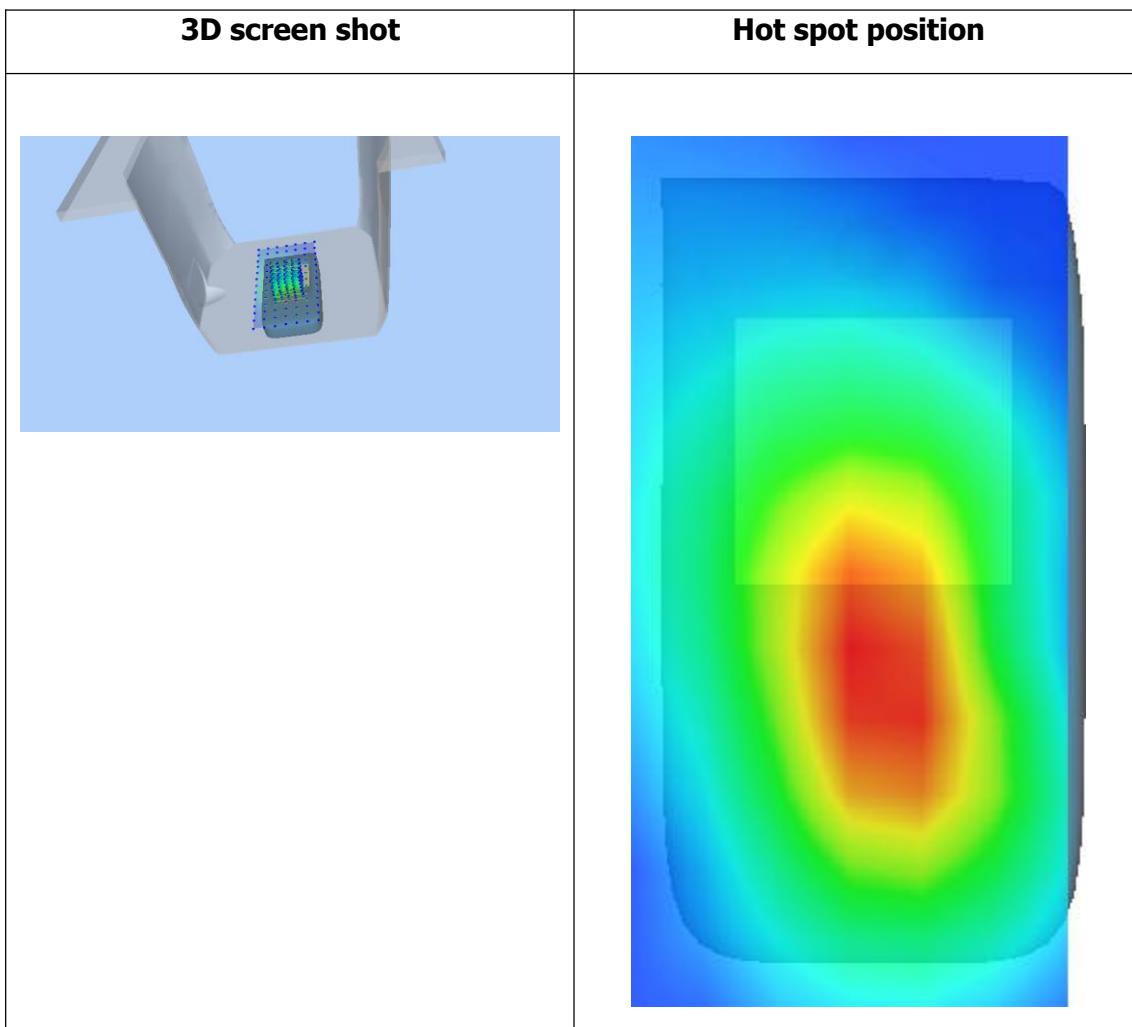
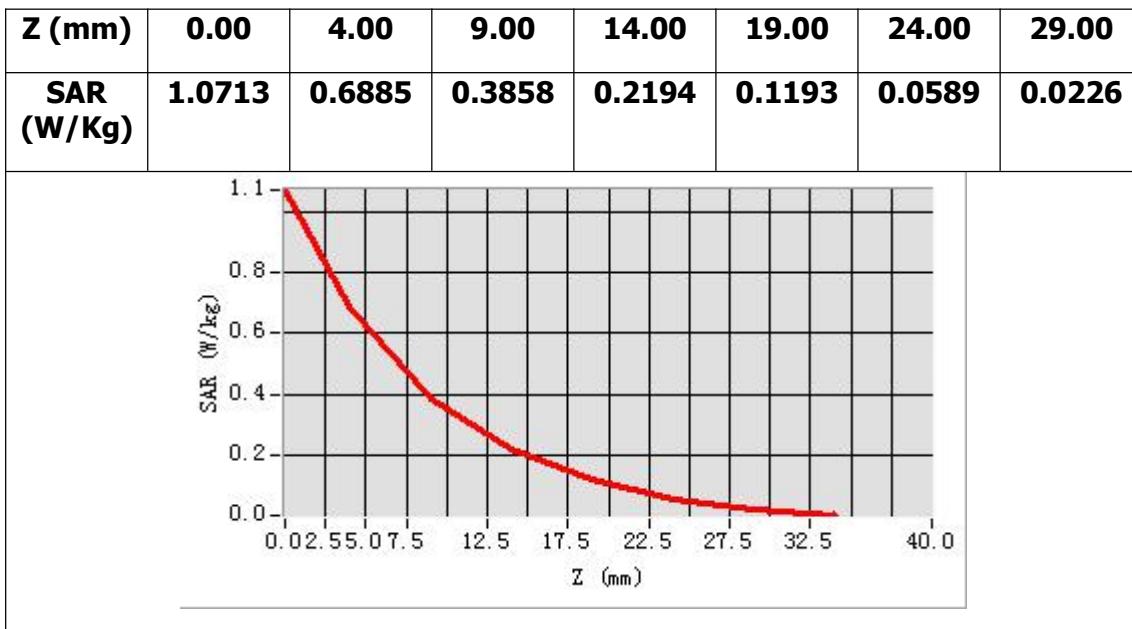
Variation (%)	-2.820000
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Maximum location: X=0.00, Y=-16.00

SAR Peak: 1.13 W/kg

SAR 10g (W/Kg)	0.361836
SAR 1g (W/Kg)	0.485385



MEASUREMENT 60

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 12 minutes 1 seconds

A. Experimental conditions.

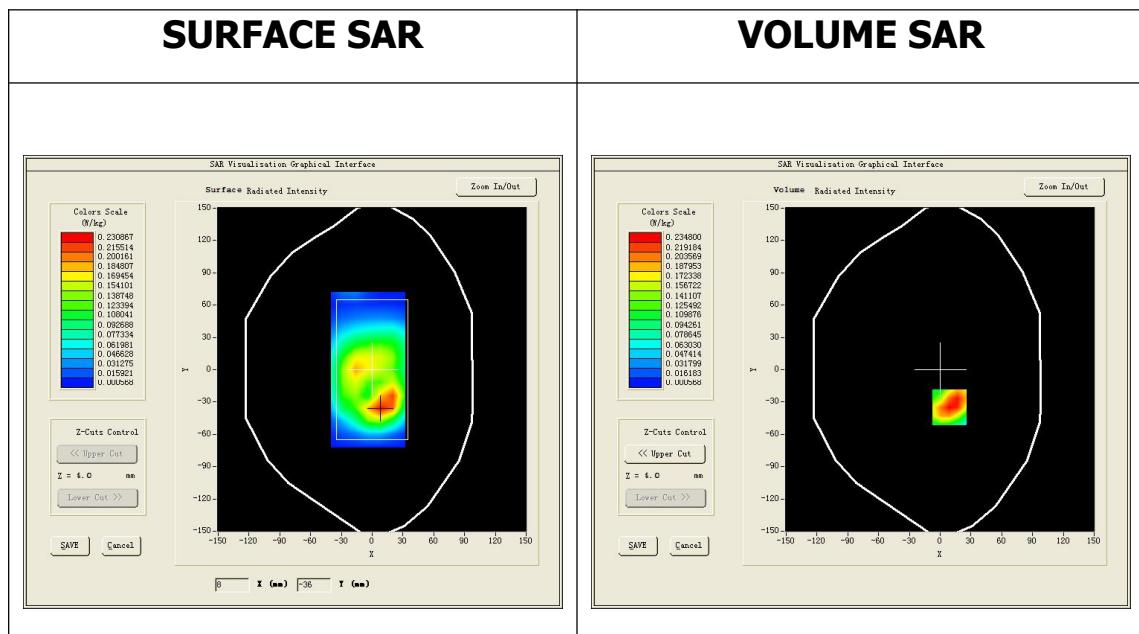
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.16</u>

B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.297798
Relative permittivity (imaginary part)	14.675700
Conductivity (S/m)	1.412128

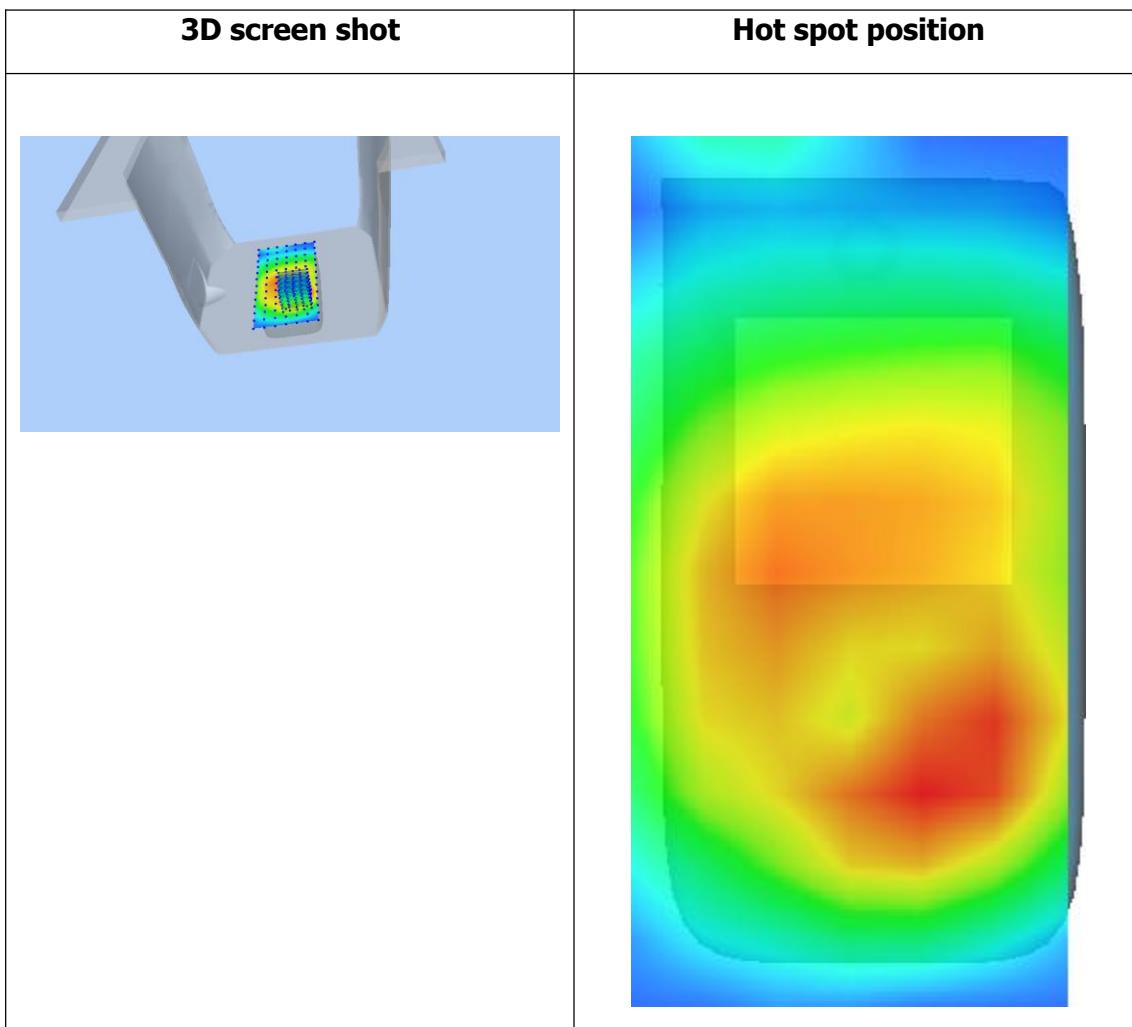
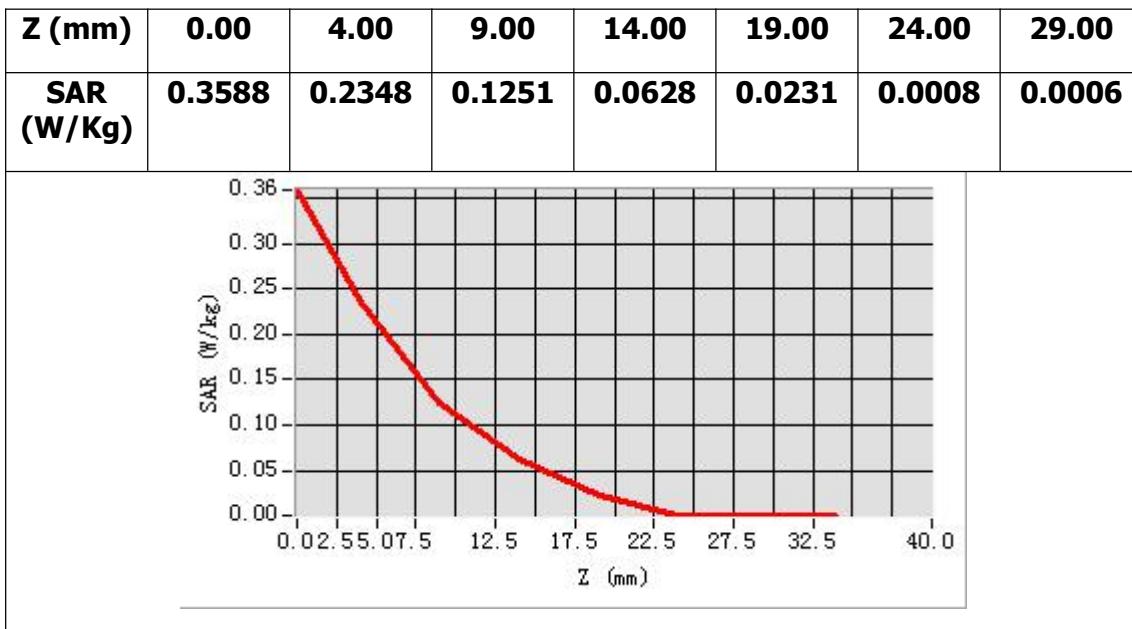
Variation (%)	2.440000
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Maximum location: X=9.00, Y=-35.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.118710
SAR 1g (W/Kg)	0.237960



MEASUREMENT 61

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 10 minutes 19 seconds

A. Experimental conditions.

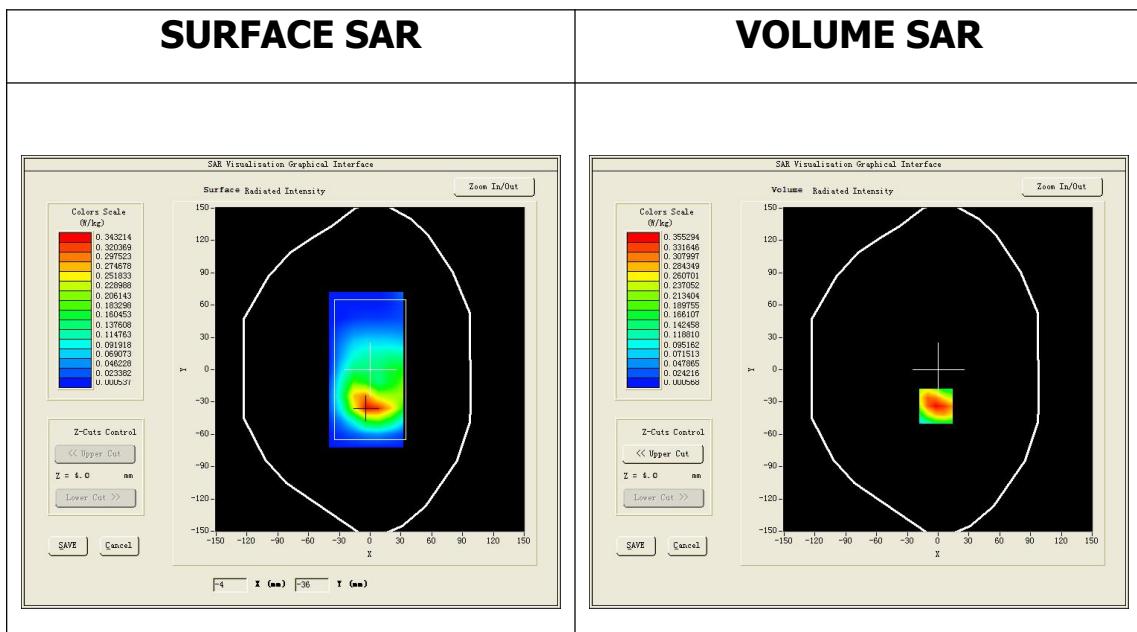
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.16</u>

B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.297798
Relative permittivity (imaginary part)	14.675700
Conductivity (S/m)	1.412128

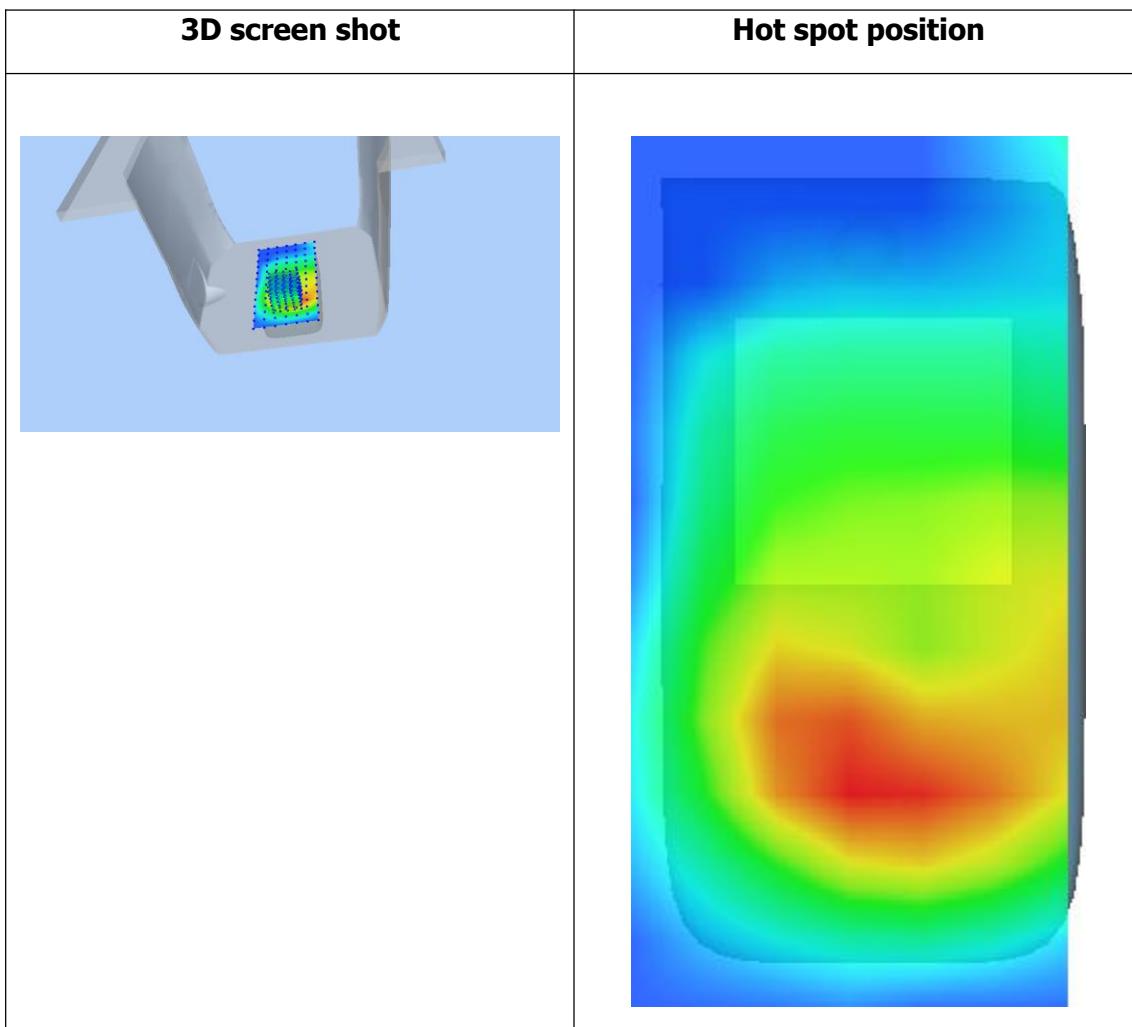
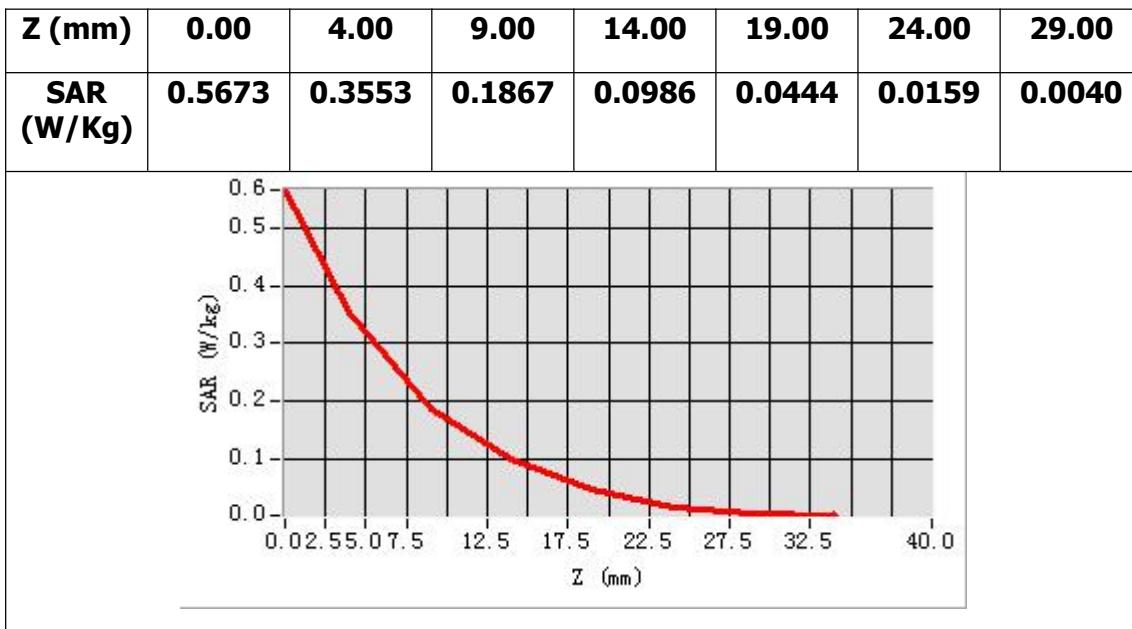
Variation (%)	0.960000
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Maximum location: X=-2.00, Y=-34.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.181949
SAR 1g (W/Kg)	0.353226



MEASUREMENT 62

Towards-phantom-high

Type: Phone measurement (Complete)

Date of measurement: 26/8/2016

Measurement duration: 11 minutes 38 seconds

A. Experimental conditions.

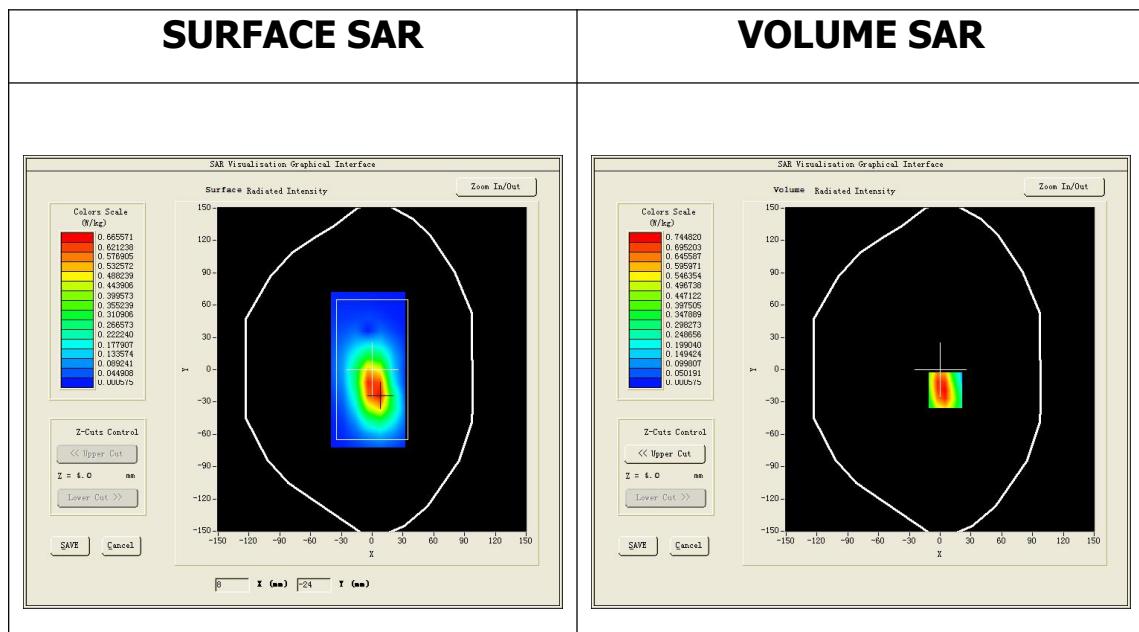
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.16</u>

B. SAR Measurement Results

Higher Band SAR (Channel 1513):

Frequency (MHz)	1752.600000
Relative permittivity (real part)	53.309200
Relative permittivity (imaginary part)	14.687100
Conductivity (S/m)	1.429544

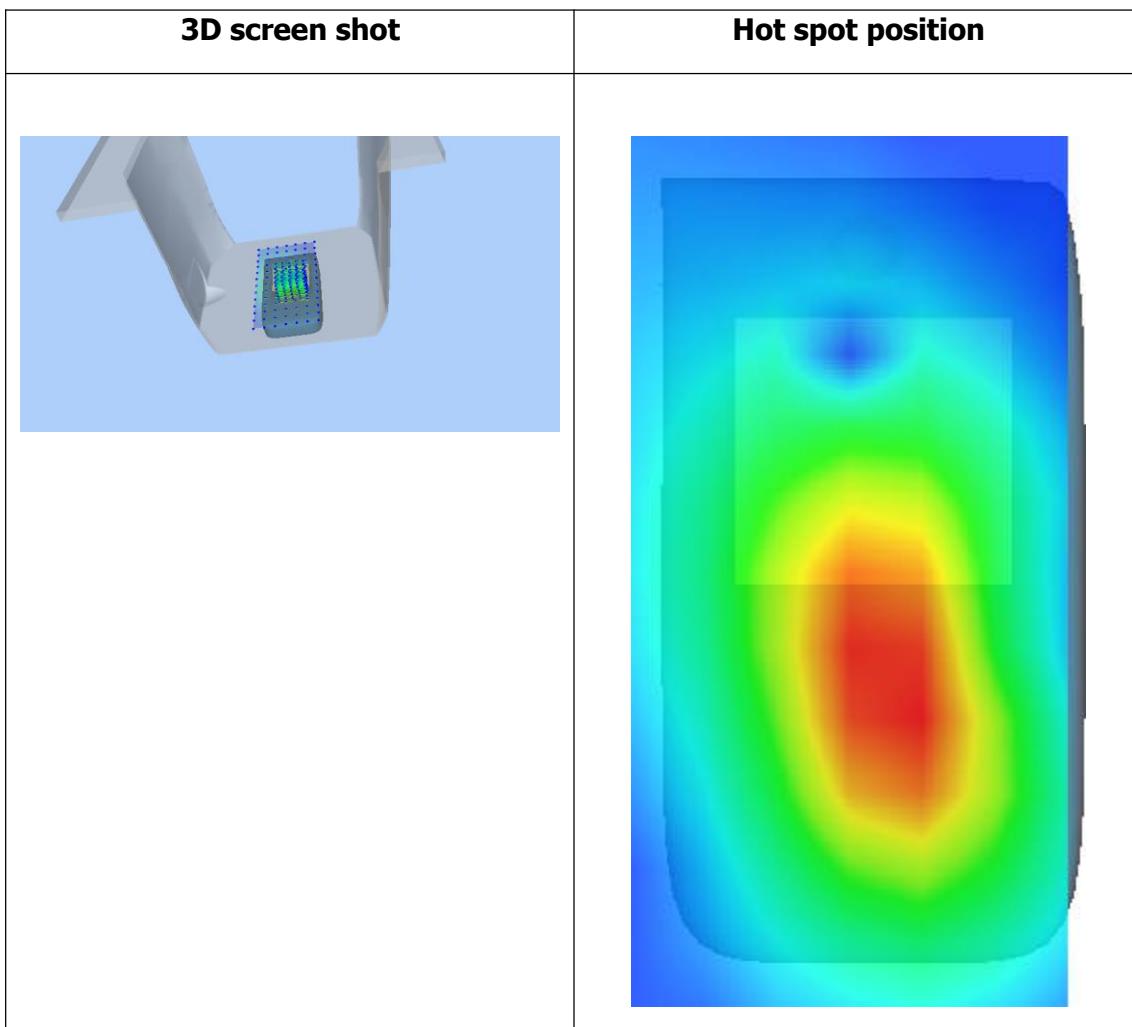
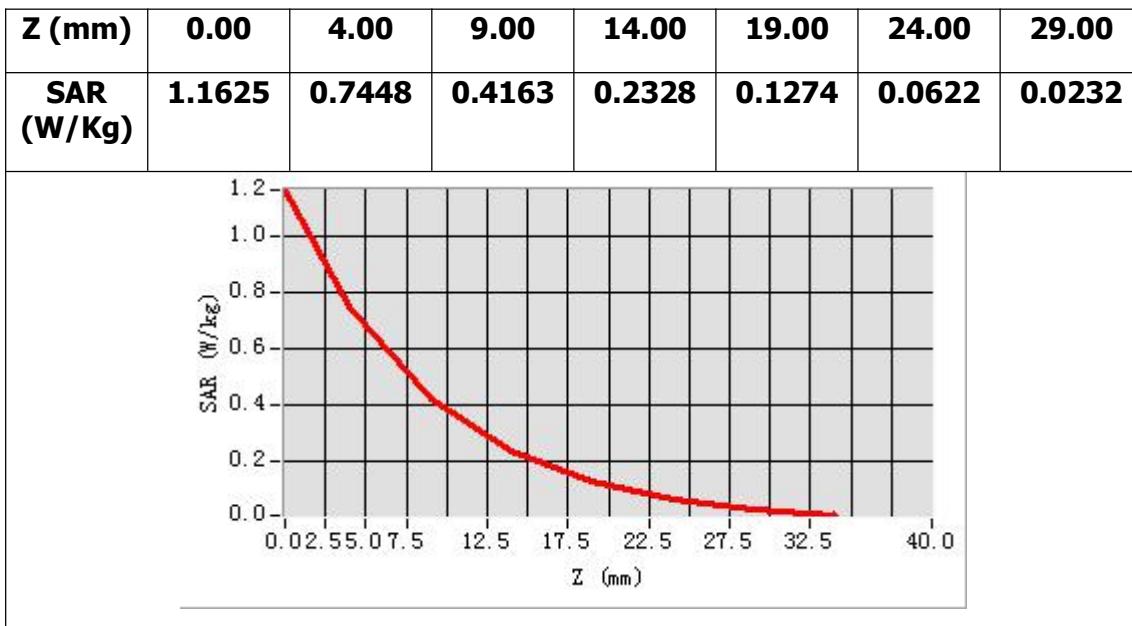
Variation (%)	2.600000
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Maximum location: X=5.00, Y=-19.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.400045
SAR 1g (W/Kg)	0.564379



MEASUREMENT 63

Towards-ground-low

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 46 seconds

A. Experimental conditions.

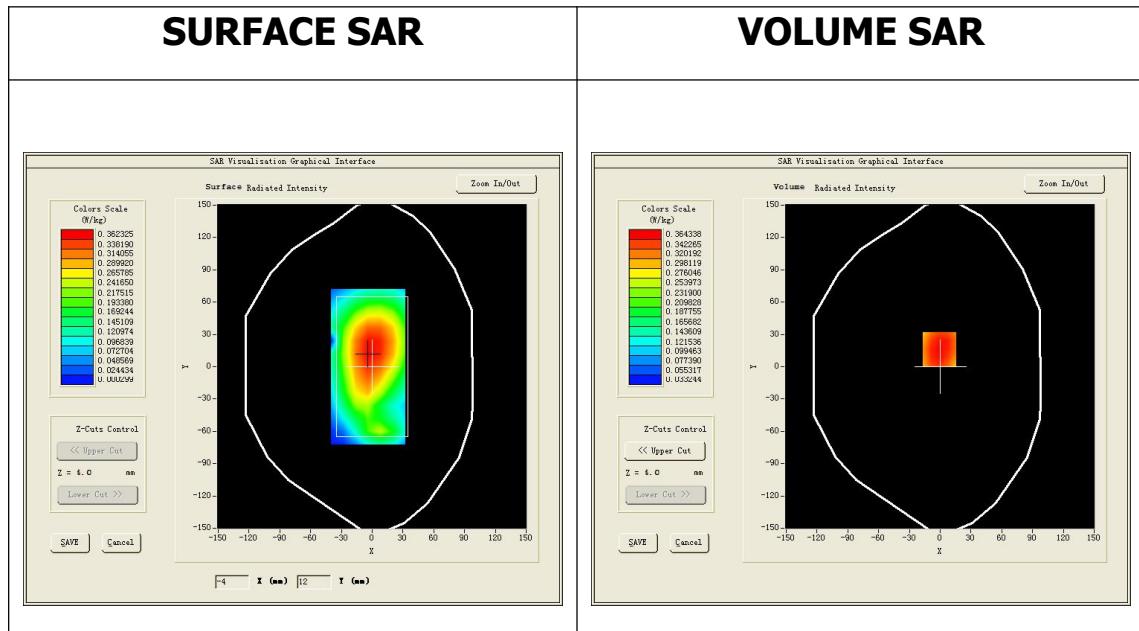
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Lower Band SAR (Channel 4132):

Frequency (MHz)	826.400024
Relative permittivity (real part)	53.664639
Relative permittivity (imaginary part)	21.685261
Conductivity (S/m)	0.995594

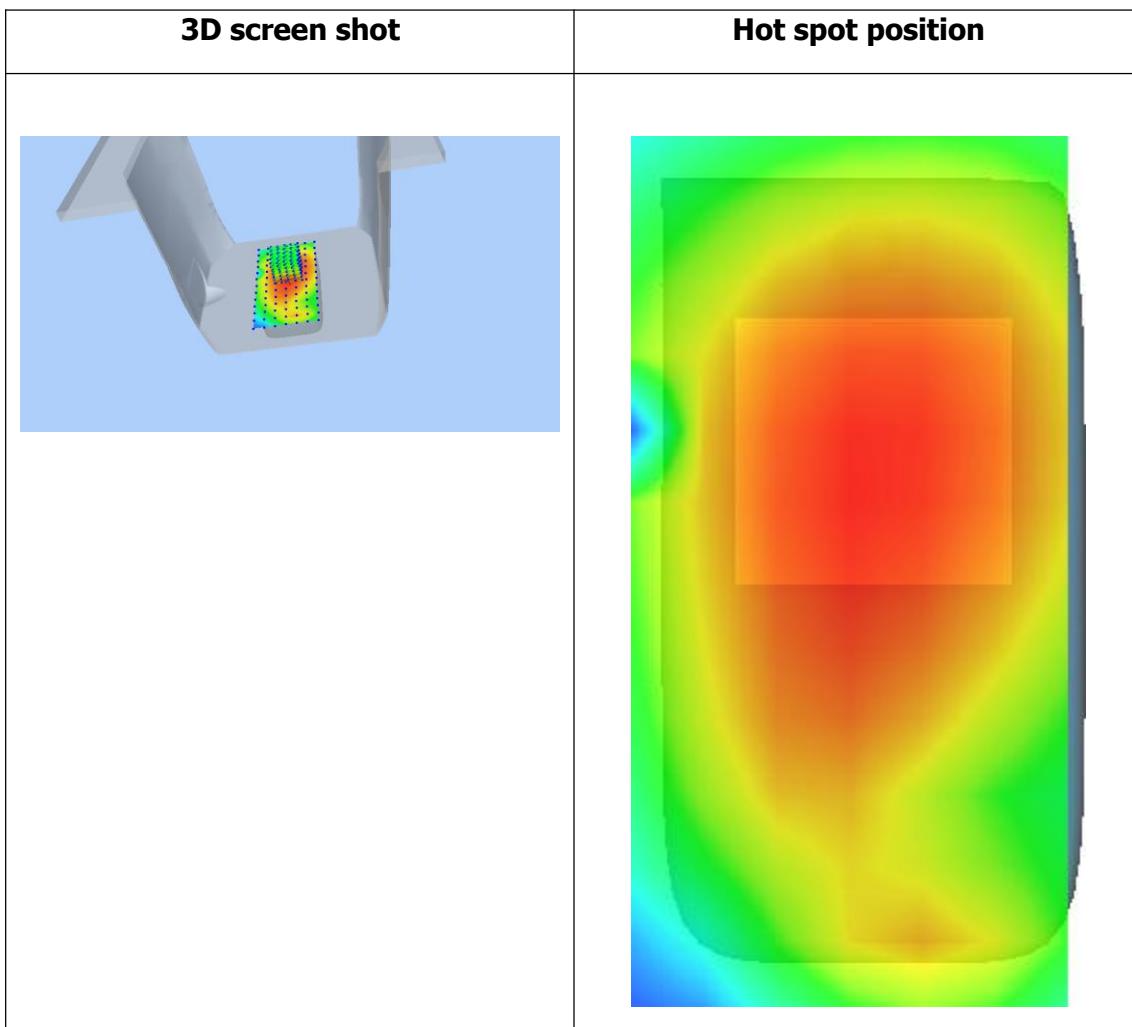
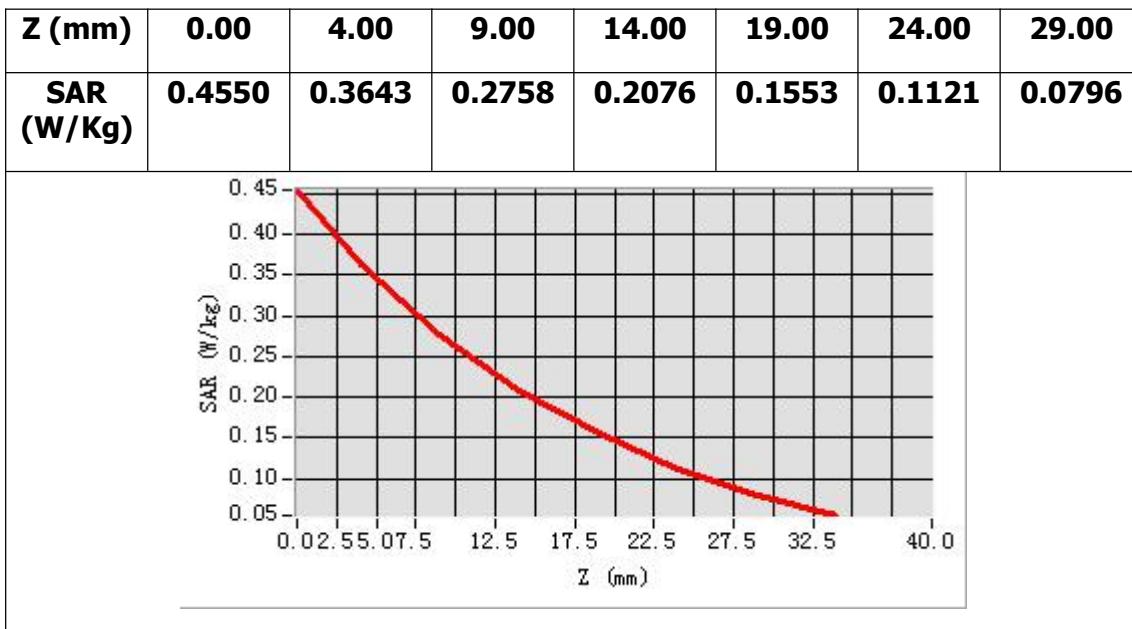
Variation (%)	-1.040000
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Maximum location: X=-1.00, Y=16.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.271858
SAR 1g (W/Kg)	0.390188



MEASUREMENT 64

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 47 seconds

A. Experimental conditions.

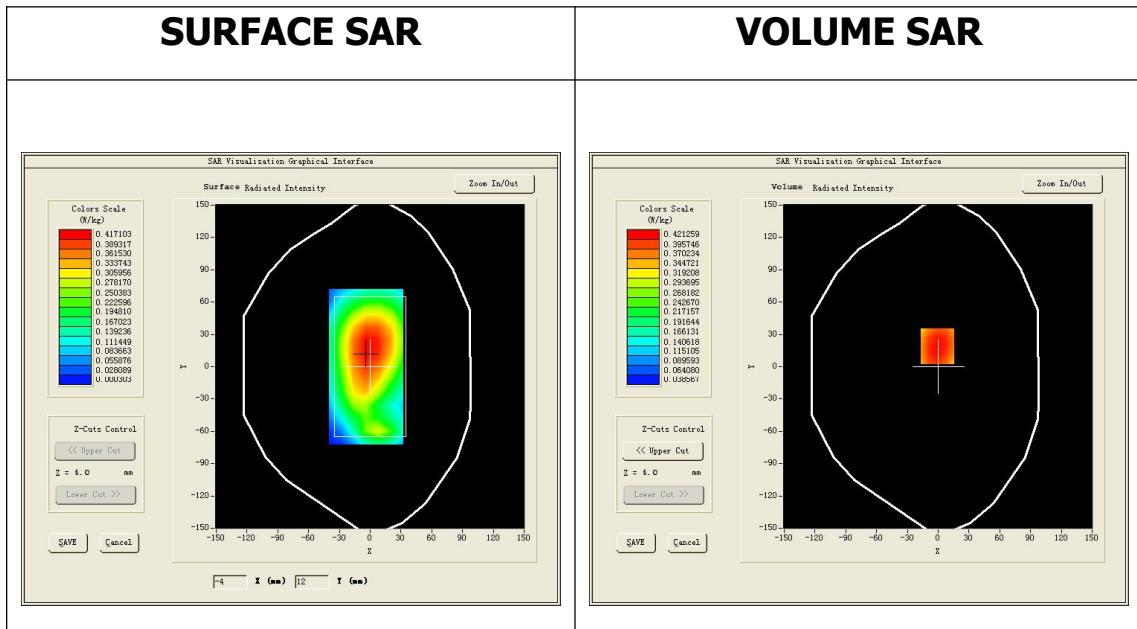
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	53.394279
Relative permittivity (imaginary part)	21.684340
Conductivity (S/m)	1.007599

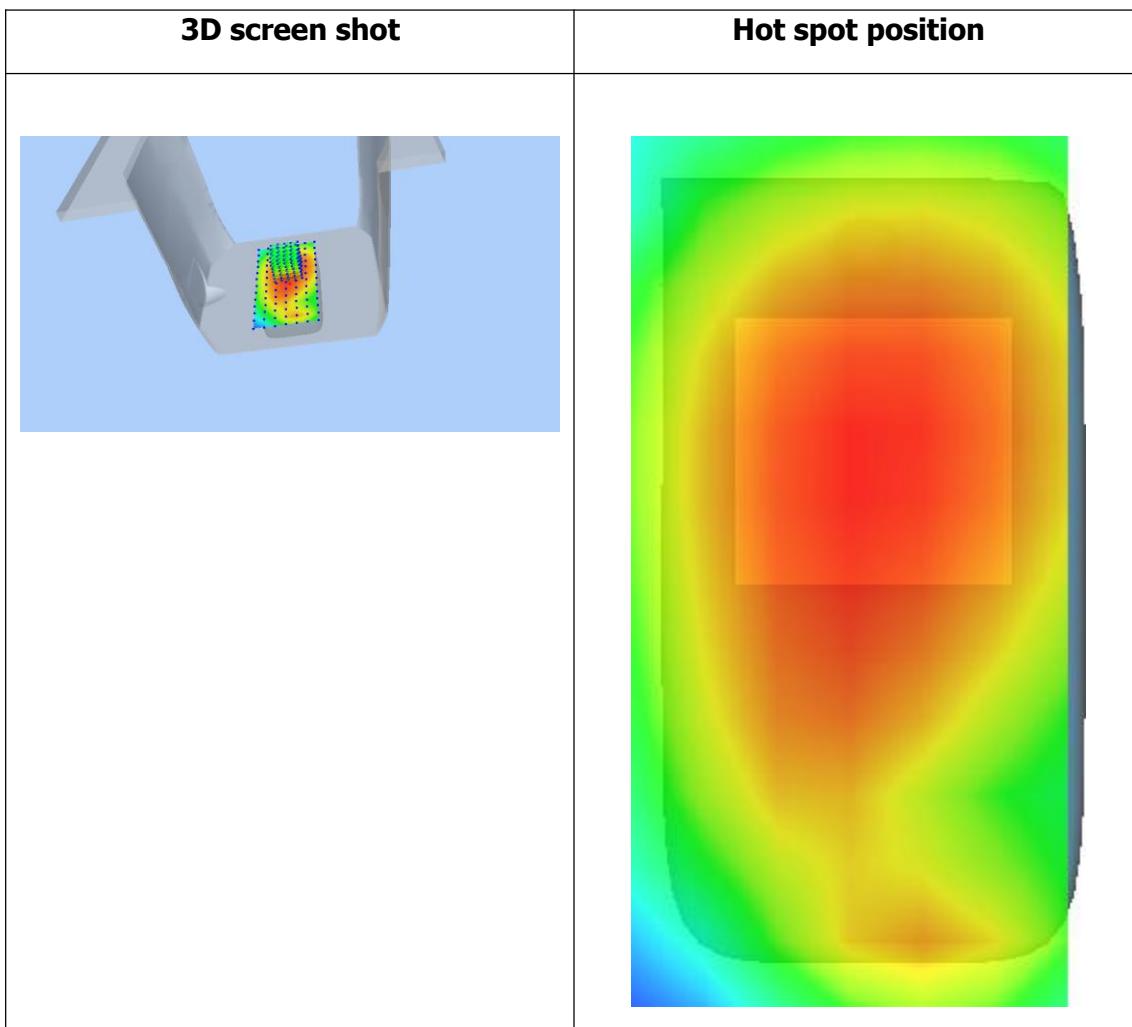
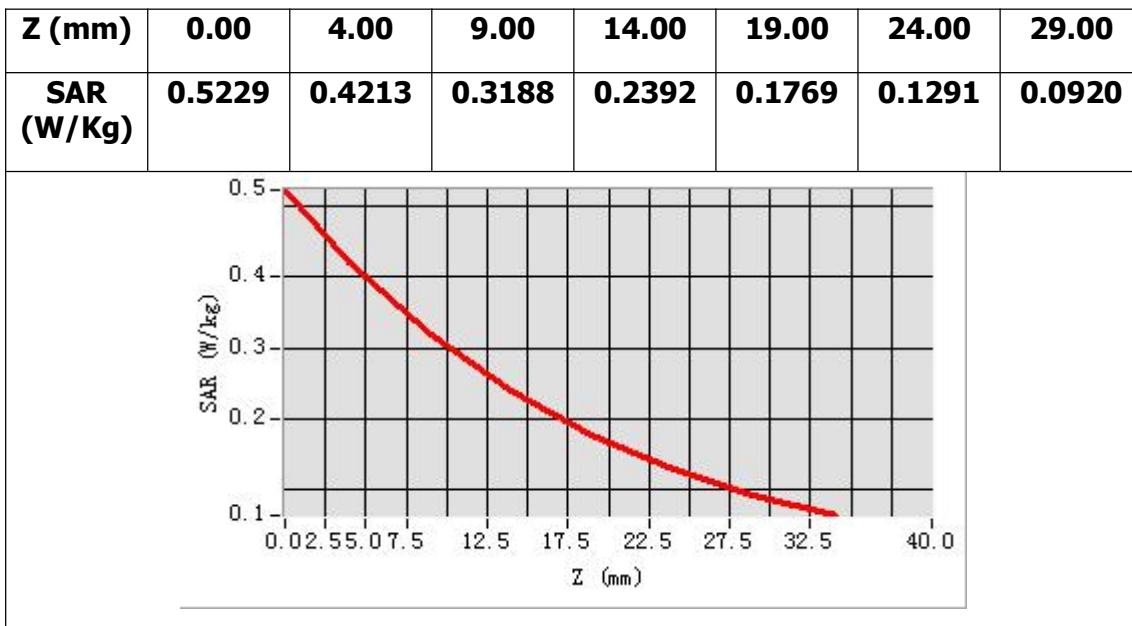
Variation (%)	0.900000
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Maximum location: X=-1.00, Y=19.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.309049
SAR 1g (W/Kg)	0.426152



MEASUREMENT 65

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 12 minutes 11 seconds

A. Experimental conditions.

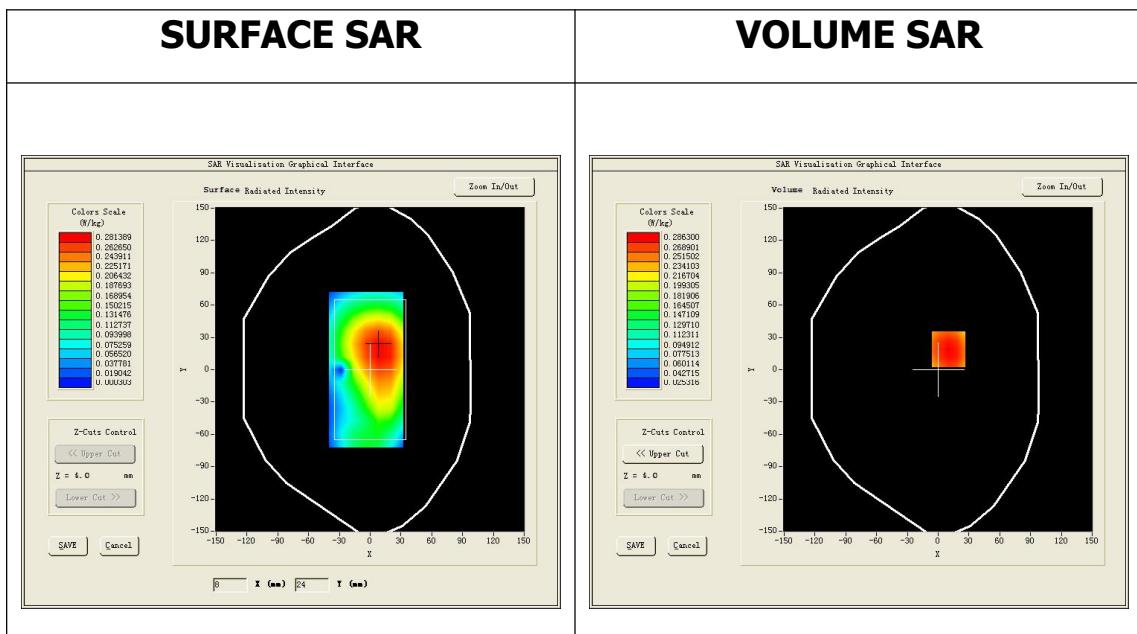
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	53.394279
Relative permittivity (imaginary part)	21.684340
Conductivity (S/m)	1.007599

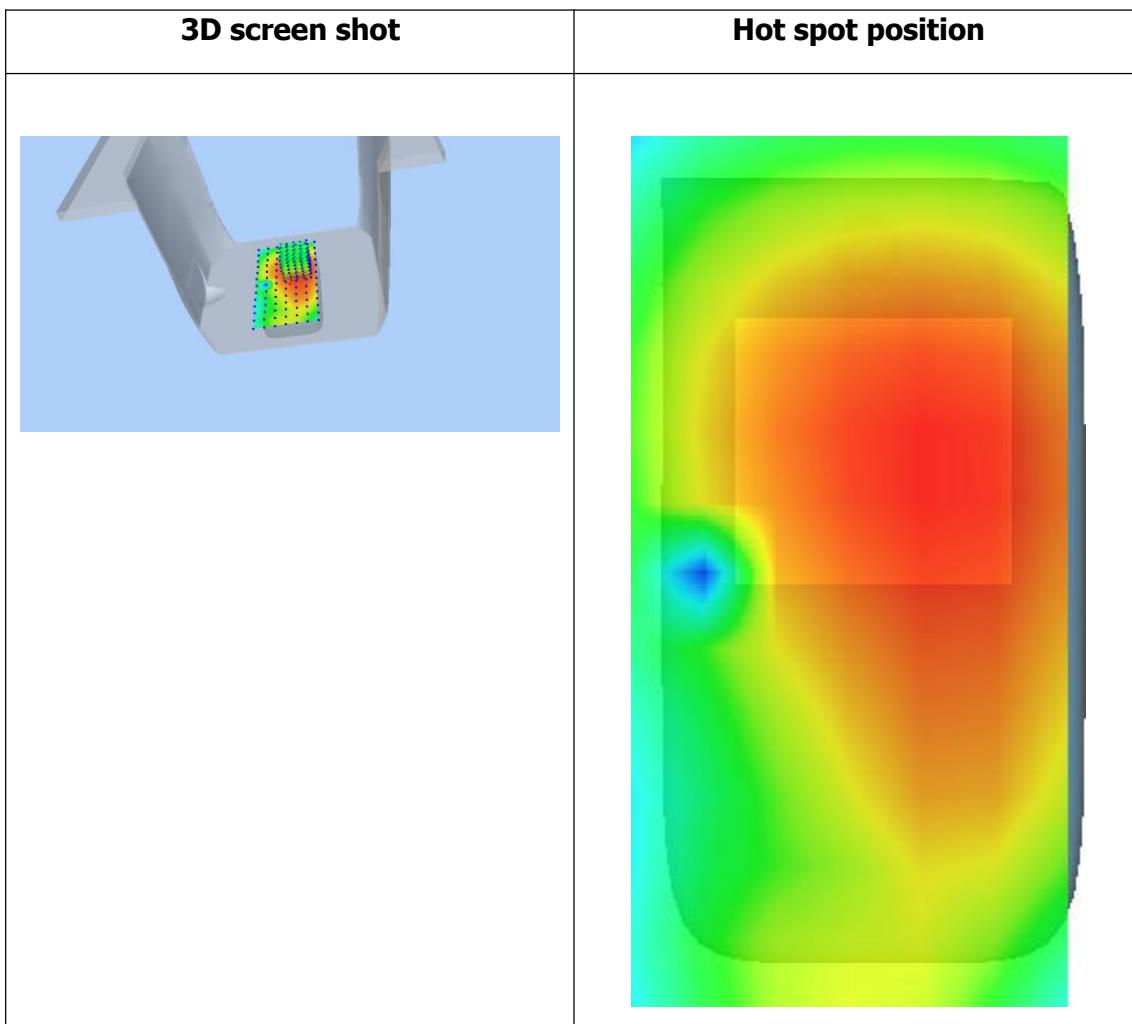
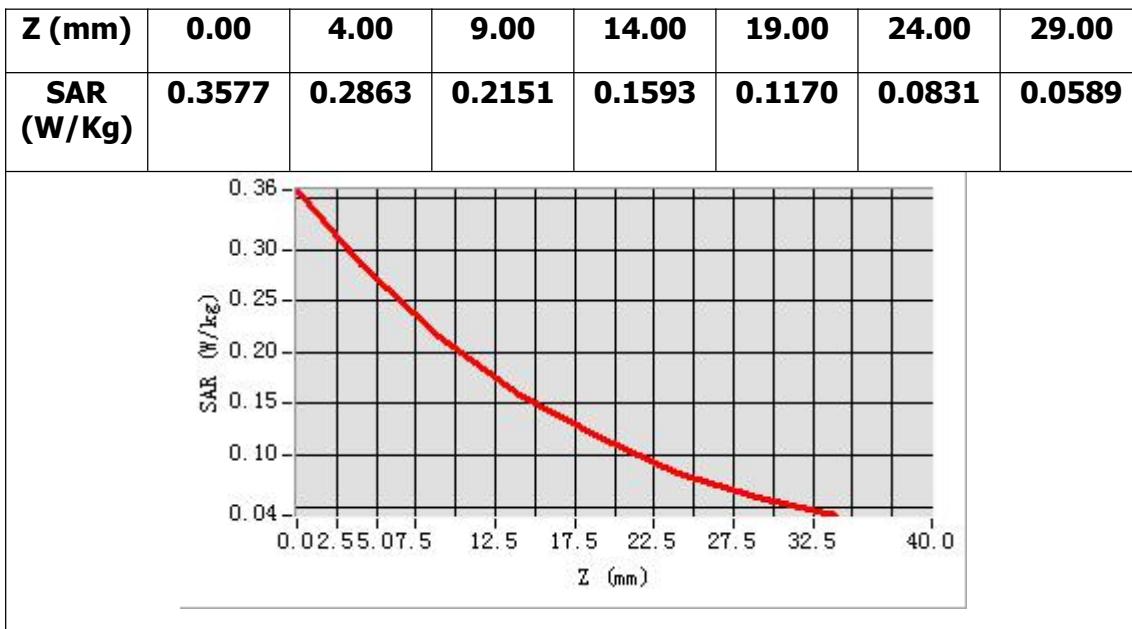
Variation (%)	1.100000
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Maximum location: X=10.00, Y=19.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.201493
SAR 1g (W/Kg)	0.300291



MEASUREMENT 66

Left-edge-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 47 seconds

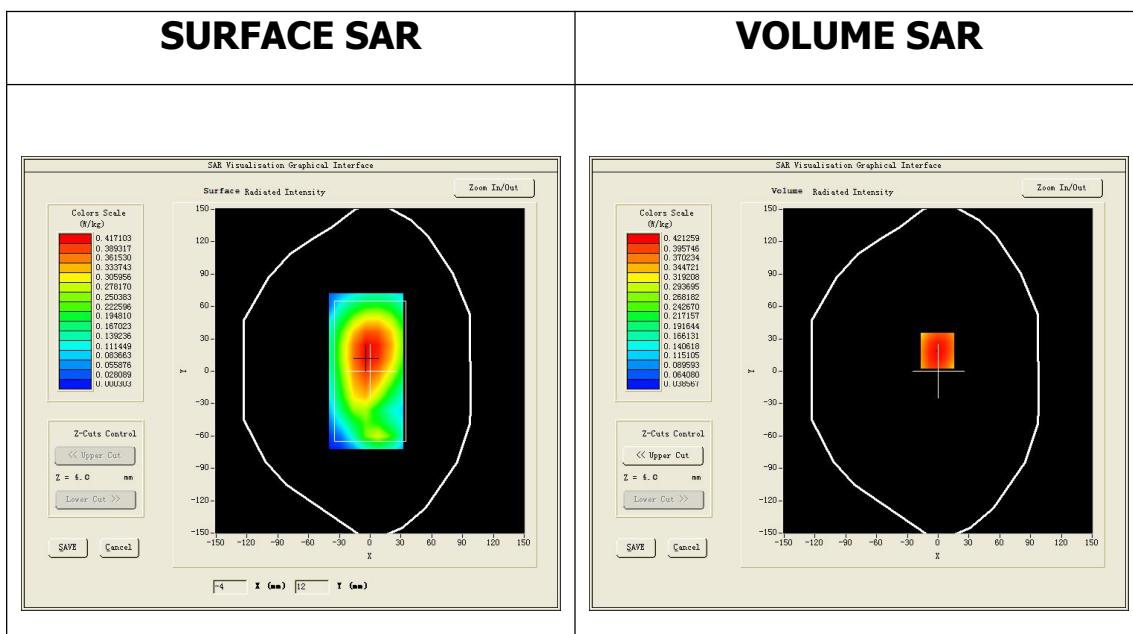
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

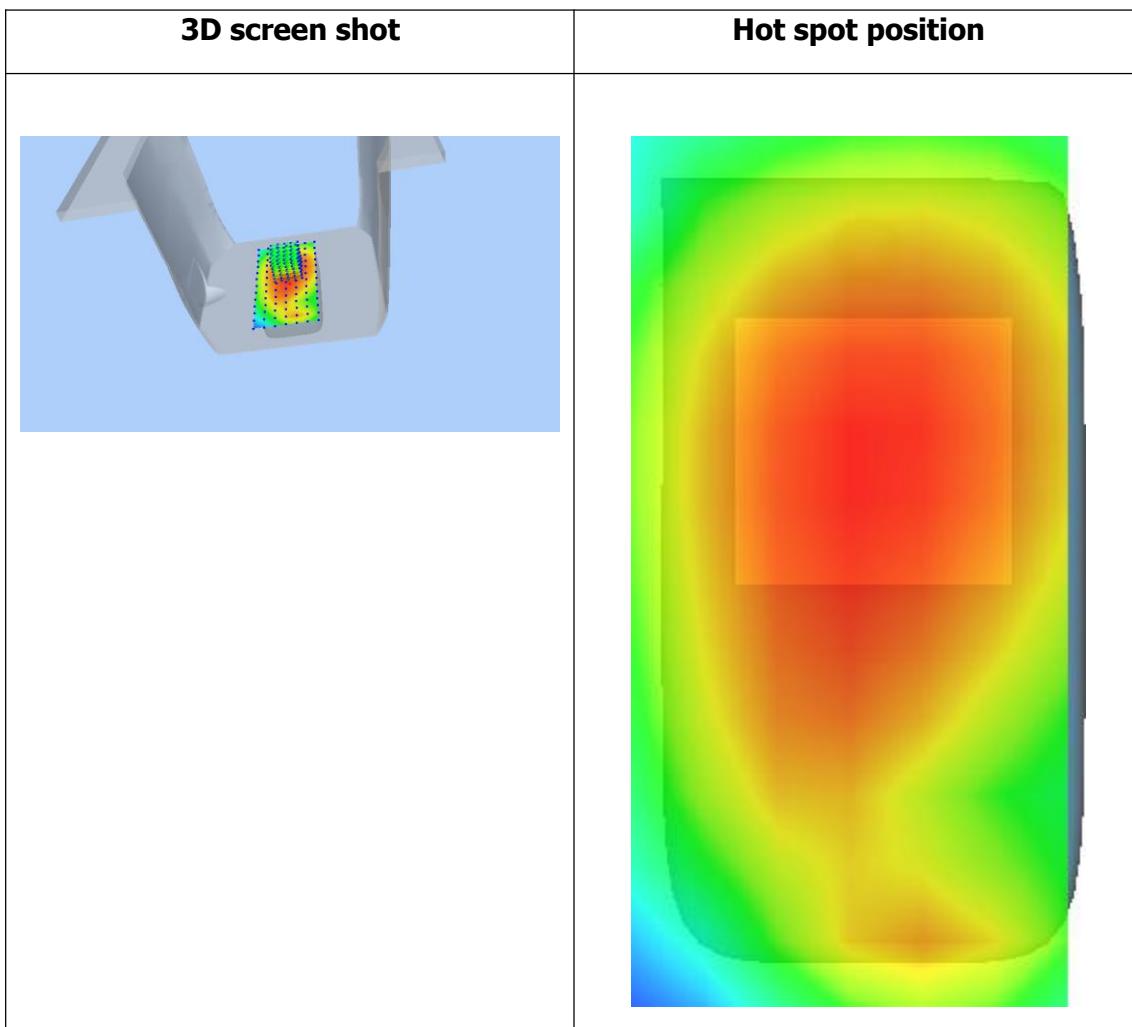
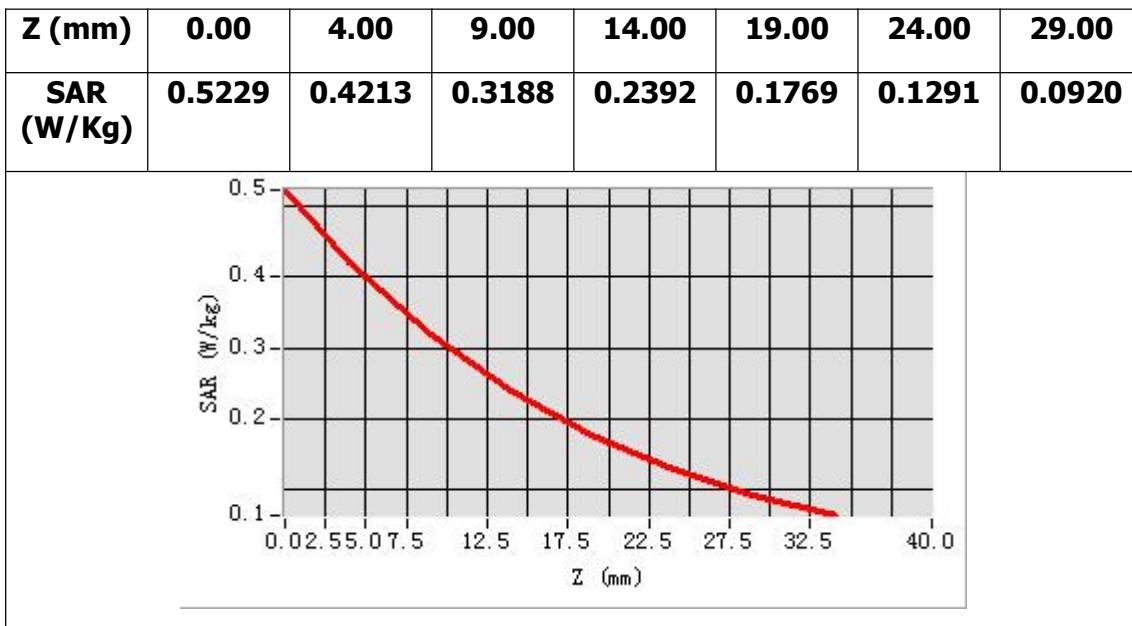
Frequency (MHz)	836.400024
Relative permittivity (real part)	53.394279
Relative permittivity (imaginary part)	21.684340
Conductivity (S/m)	1.007599
Variation (%)	1.450000



Maximum location: X=-1.00, Y=19.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.186049
SAR 1g (W/Kg)	0.223152



MEASUREMENT 67

Bottom-edge-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 12 minutes 11 seconds

A. Experimental conditions.

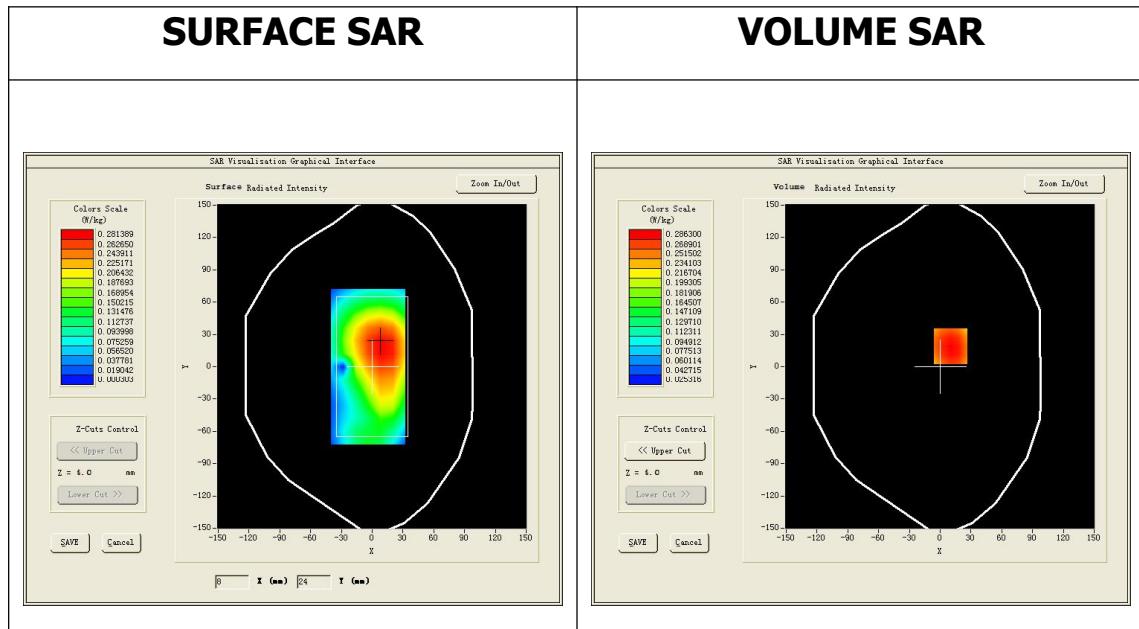
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	53.394279
Relative permittivity (imaginary part)	21.684340
Conductivity (S/m)	1.007599

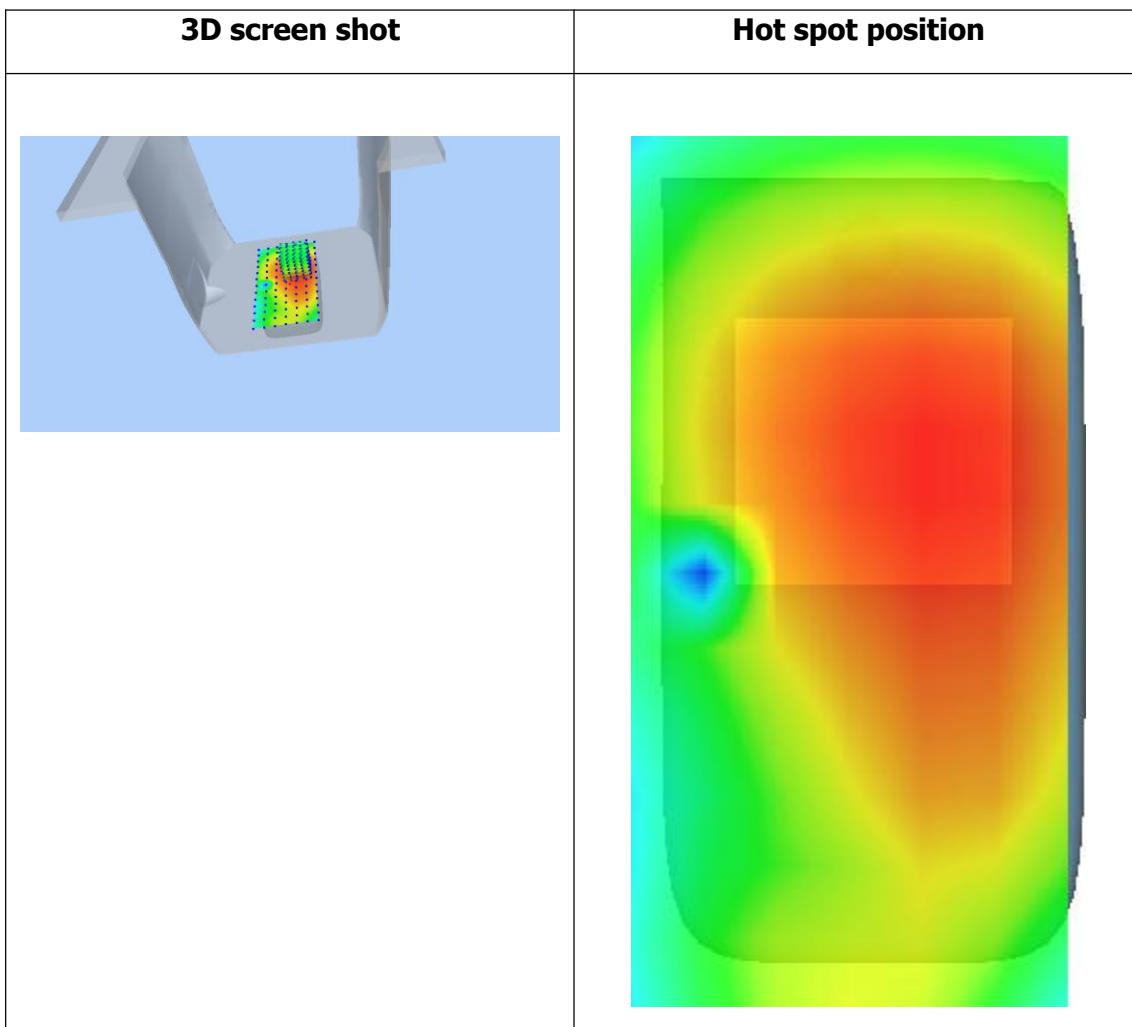
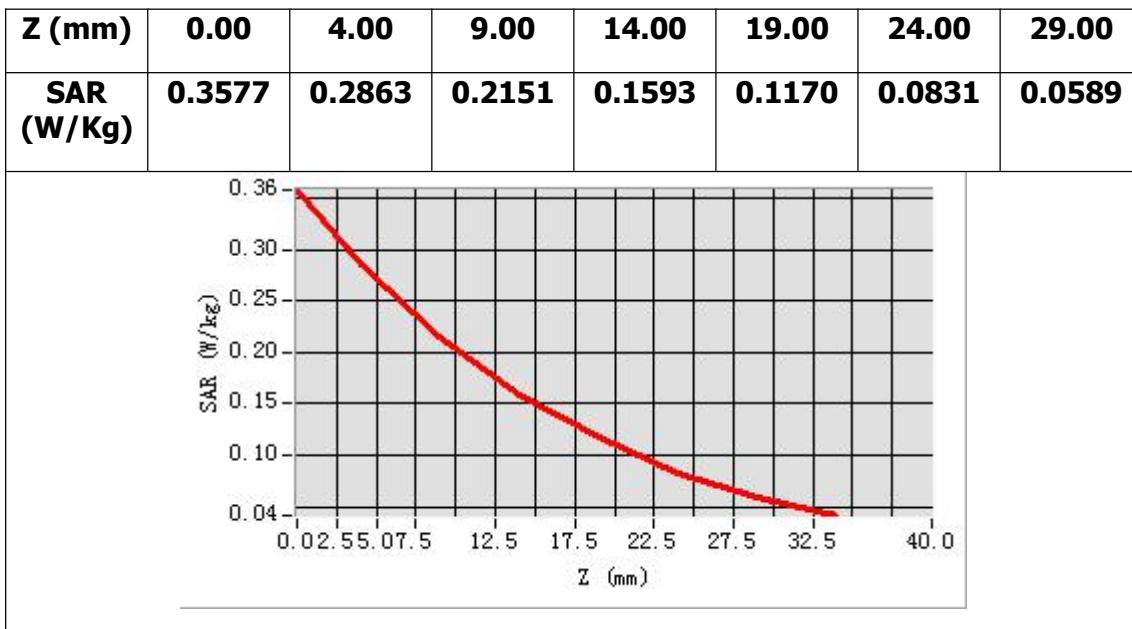
Variation (%)	1.800000
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Maximum location: X=10.00, Y=19.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.201483
SAR 1g (W/Kg)	0.389291



MEASUREMENT 68

Towards-ground-high

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 46 seconds

A. Experimental conditions.

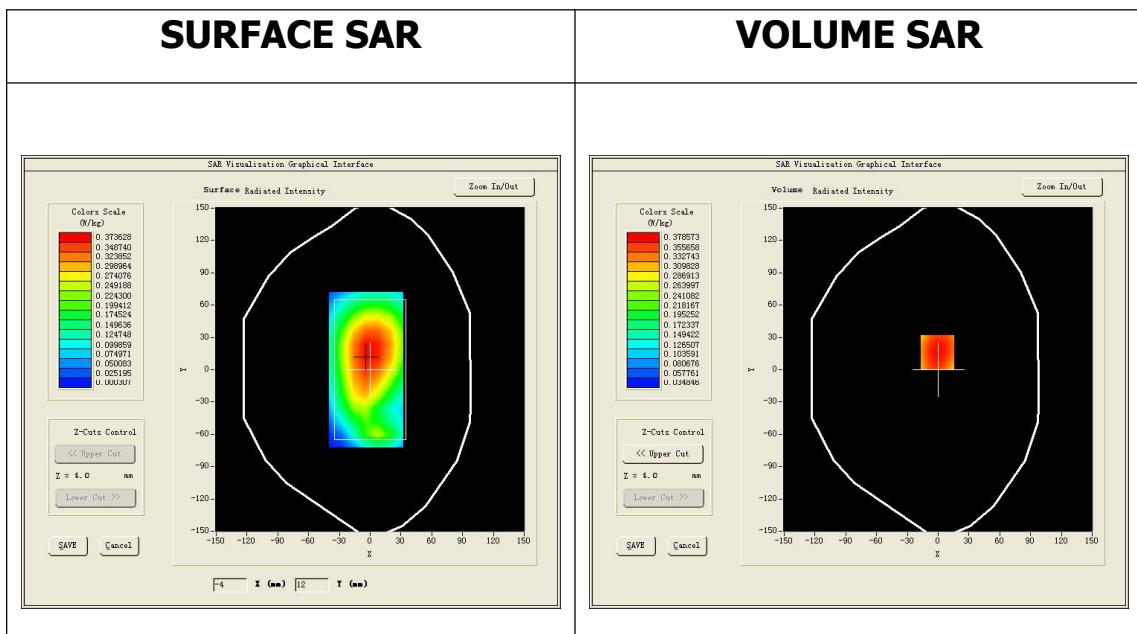
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Higher Band SAR (Channel 4233):

Frequency (MHz)	846.599976
Relative permittivity (real part)	53.252720
Relative permittivity (imaginary part)	21.681881
Conductivity (S/m)	1.019771

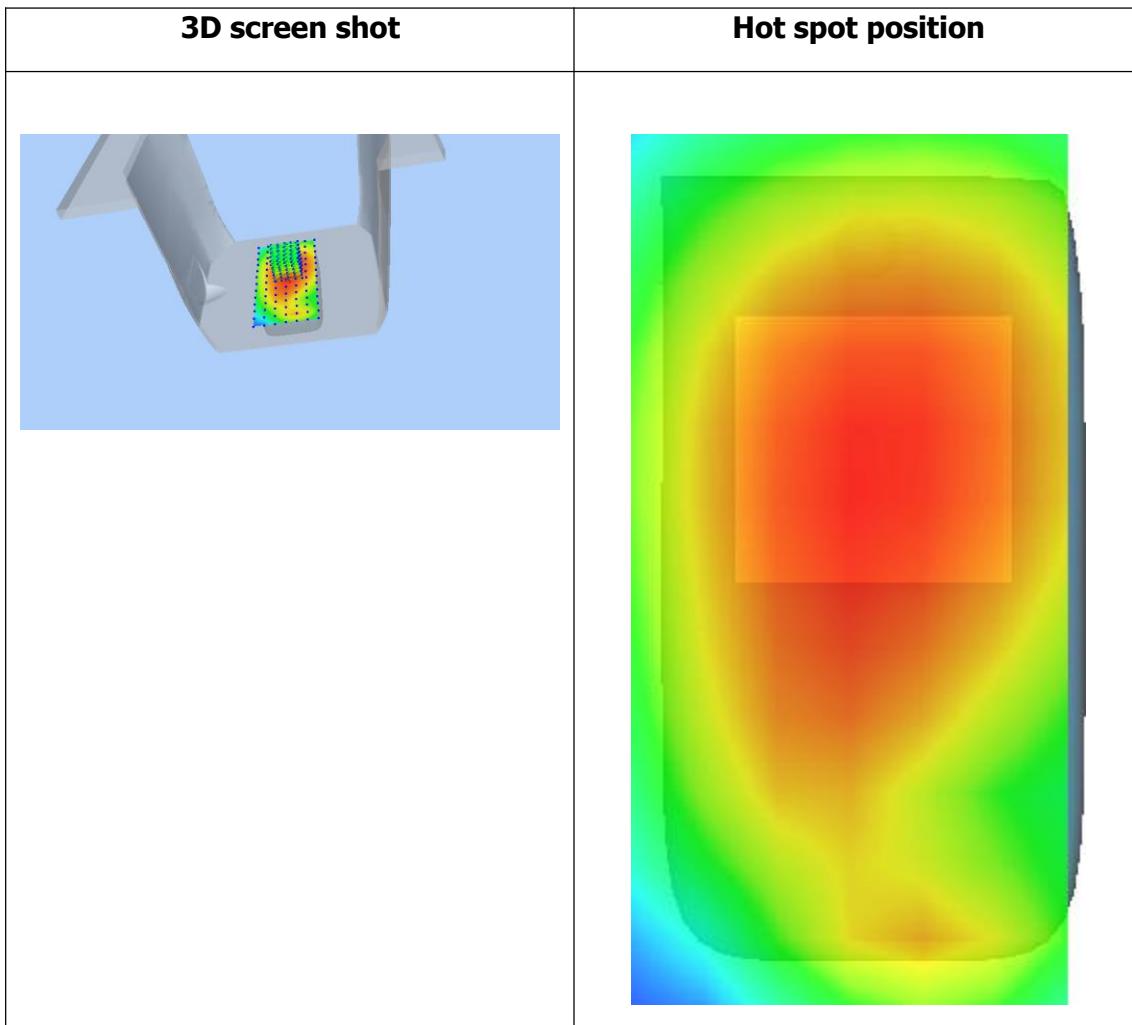
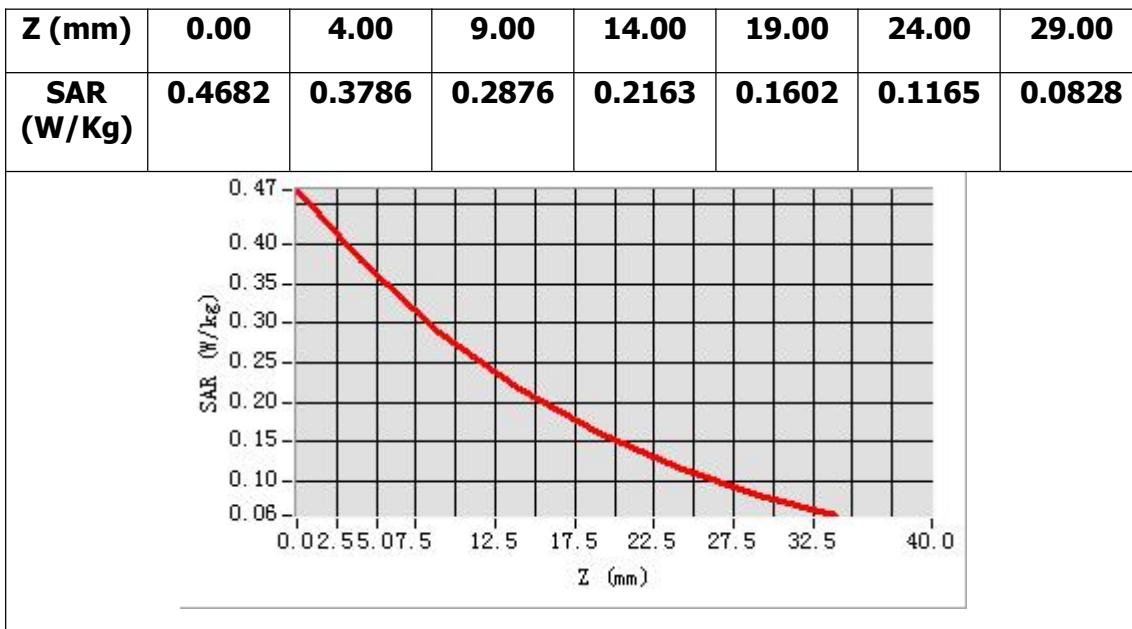
Variation (%)	0.720000
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Maximum location: X=-1.00, Y=16.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.280144
SAR 1g (W/Kg)	0.411278



MEASUREMENT 69

Towards-phantom-low

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 37 seconds

A. Experimental conditions.

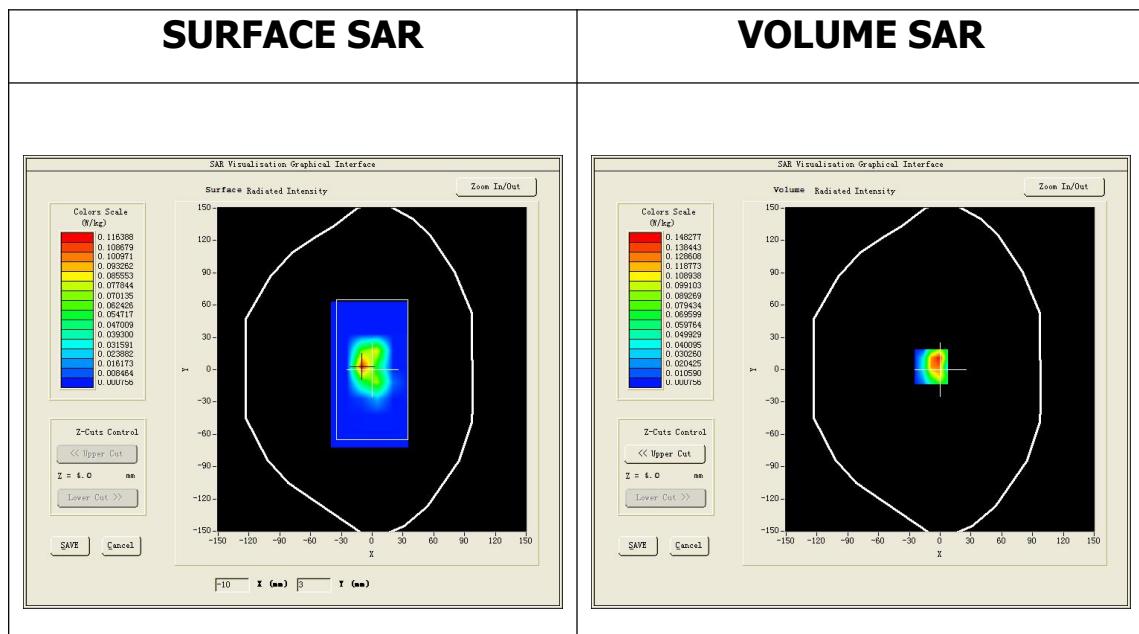
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.11</u>

B. SAR Measurement Results

Lower Band SAR (Channel 1):

Frequency (MHz)	2412.000000
Relative permittivity (real part)	51.257198
Relative permittivity (imaginary part)	14.393300
Conductivity (S/m)	1.928702

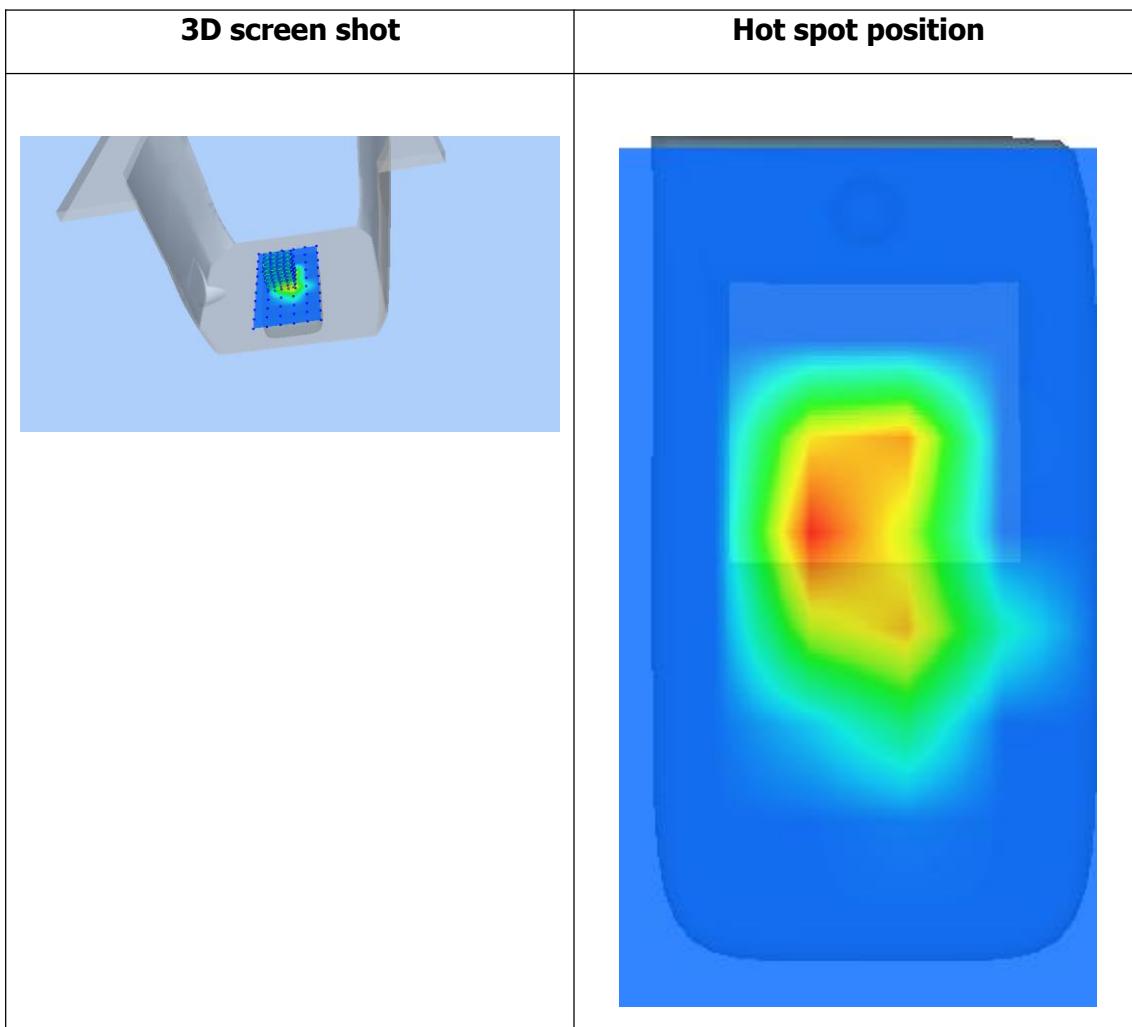
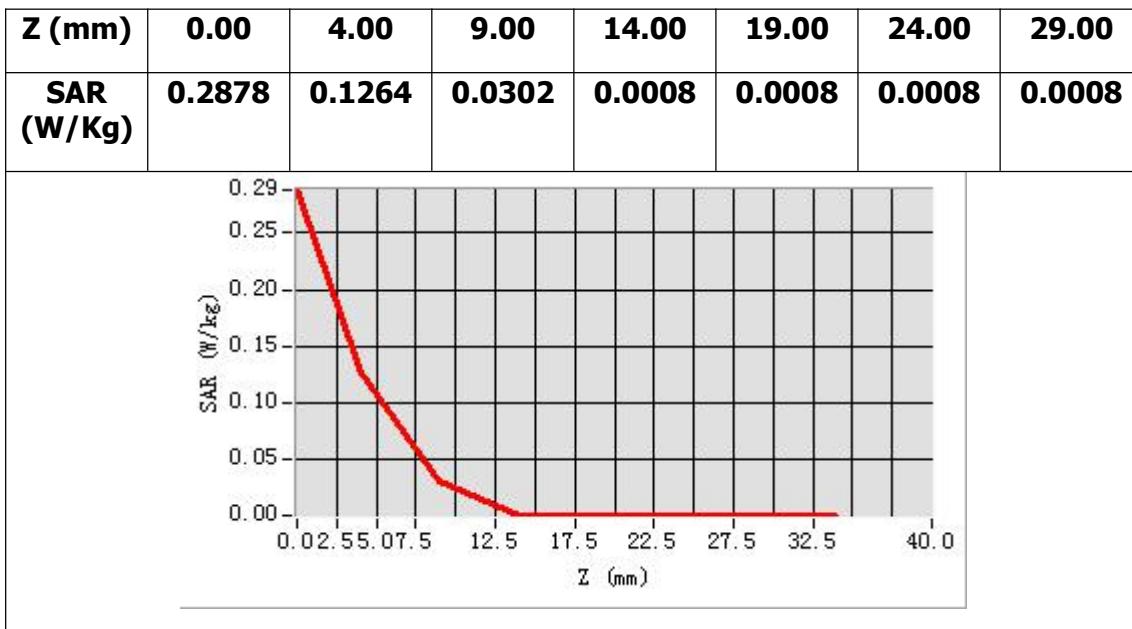
Variation (%)	0.700000
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Maximum location: X=-9.00, Y=3.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.061948
SAR 1g (W/Kg)	0.178390



MEASUREMENT 70

Left-edge-middle

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 11 seconds

A. Experimental conditions.

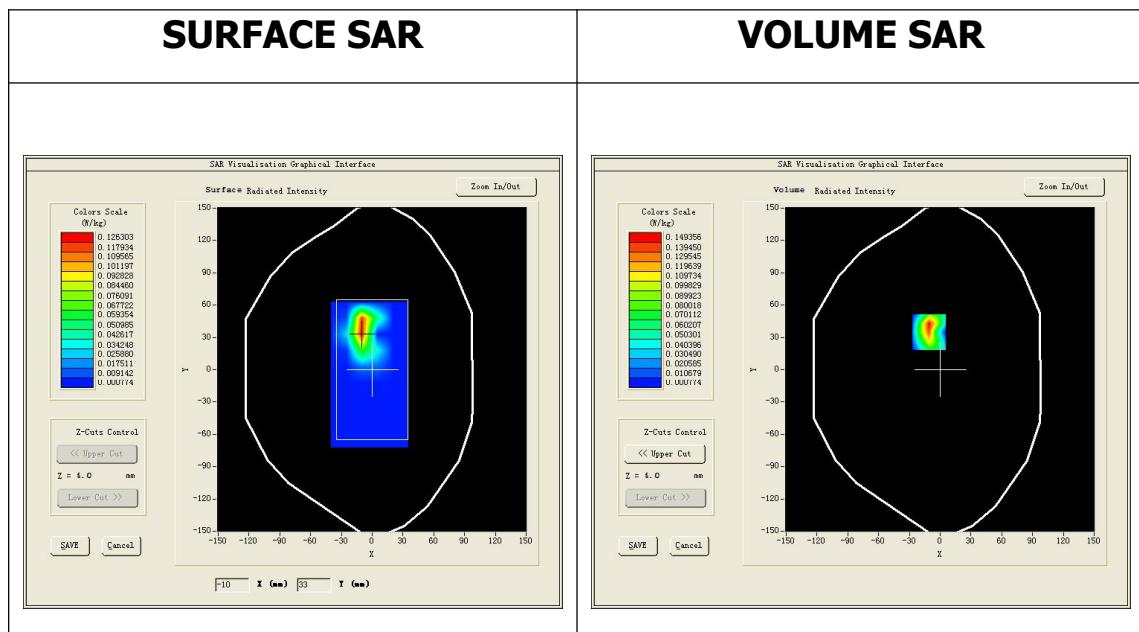
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.11</u>

B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.915798
Relative permittivity (imaginary part)	14.315100
Conductivity (S/m)	1.942082

Variation (%)	0.240000
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Maximum location: X=-11.00, Y=35.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.016484
SAR 1g (W/Kg)	0.068280

