



Annex B Measurement Results

Tested Model : Prime P5

**Report Number:
FCC17070616A-SAR**

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 8/7/2017

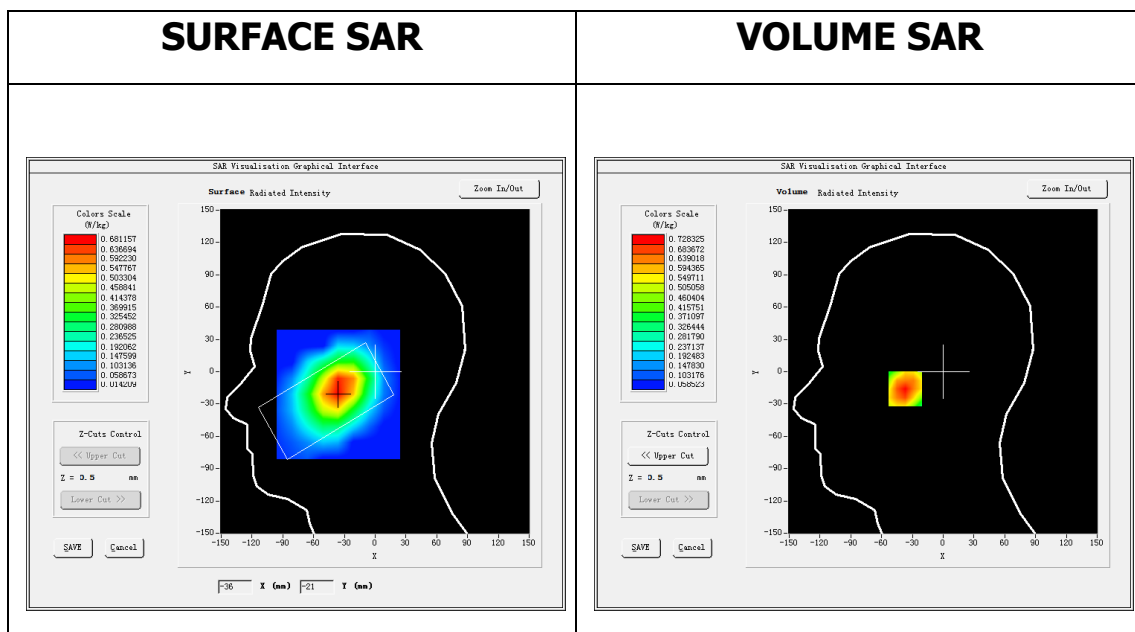
Measurement duration: 8 minutes 25 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm</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>CUSTOM (GPRS850 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>4.93</u>

B. SAR Measurement Results

Frequency (MHz)	836.599976
Relative permittivity (real part)	40.236820
Relative permittivity (imaginary part)	19.854200
Conductivity (S/m)	0.922779
Variation (%)	-1.210000

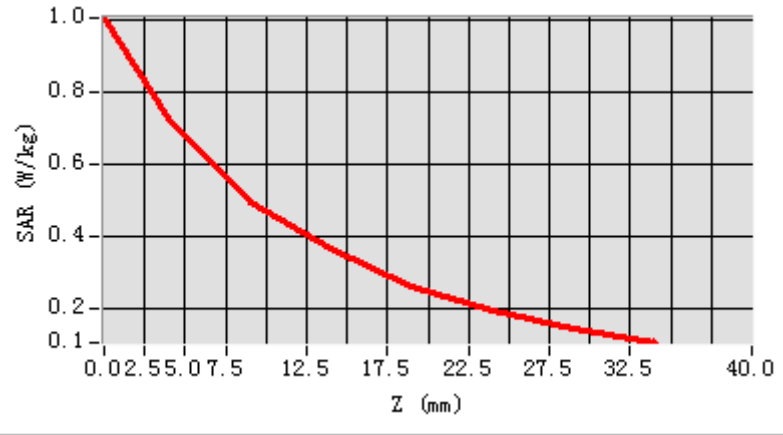


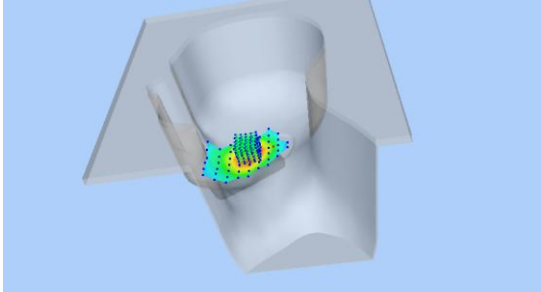
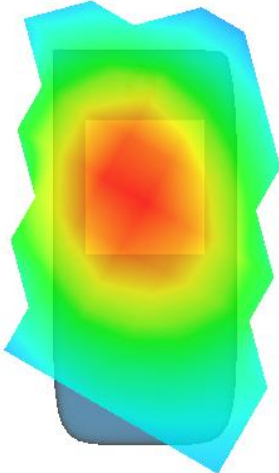
Maximum location: X=-35.00, Y=-16.00

SAR Peak: 1.01 W/kg

SAR 10g (W/Kg)	0.462318
SAR 1g (W/Kg)	0.712751

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0083	0.7283	0.4949	0.3654	0.2622	0.1940	0.1433



3D screen shot	Hot spot position
	

MEASUREMENT 2

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 8/7/2017

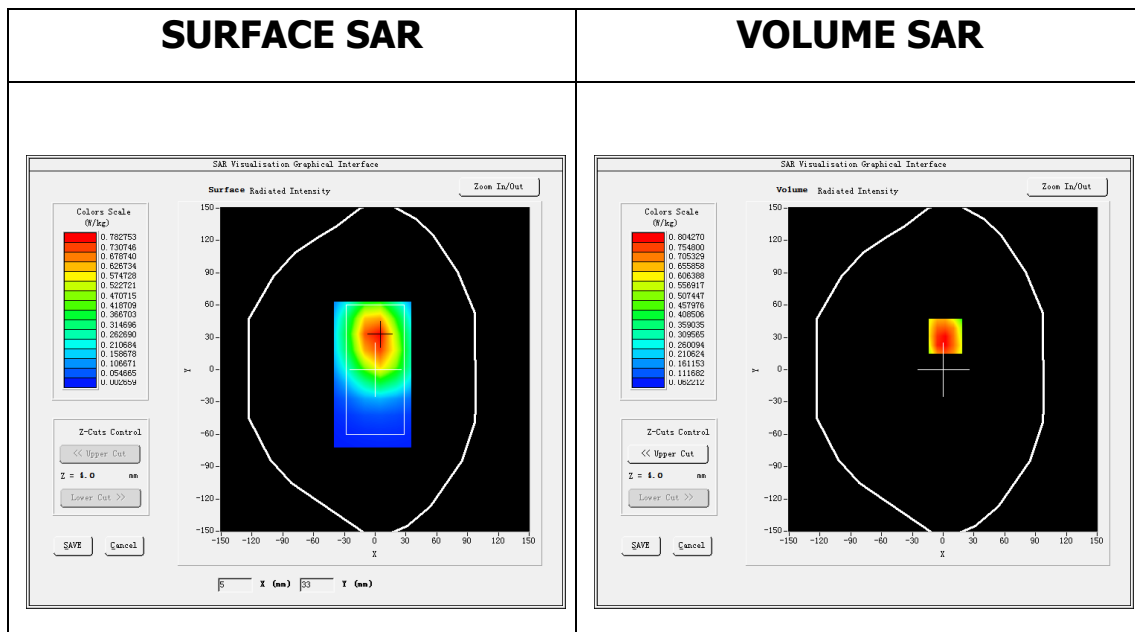
Measurement duration: 9 minutes 56 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm</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>Middle</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)	836.599976
Relative permittivity (real part)	53.915939
Relative permittivity (imaginary part)	21.299379
Conductivity (S/m)	0.989948
Variation (%)	-4.810000

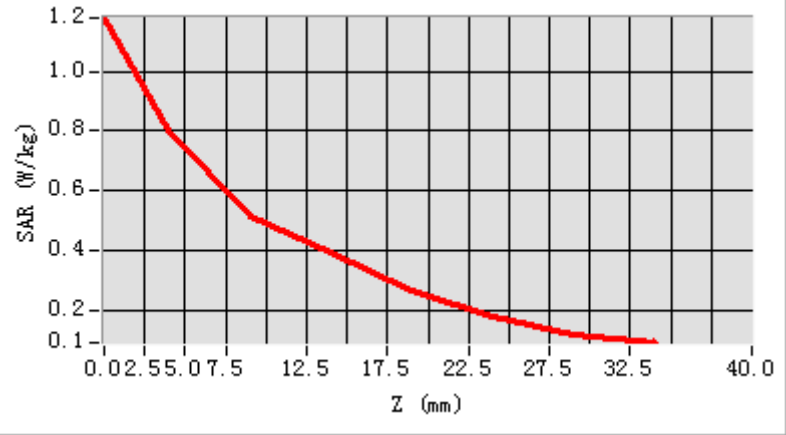


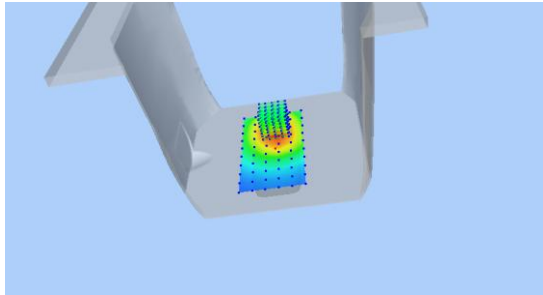
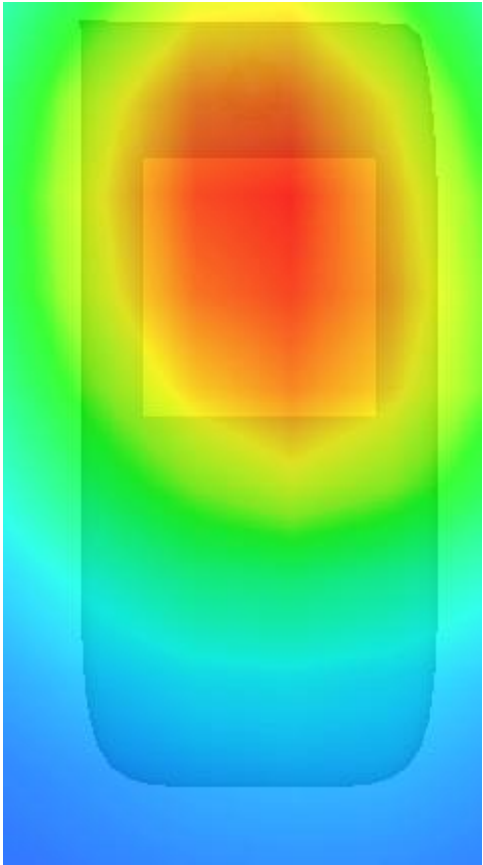
Maximum location: X=2.00, Y=31.00

SAR Peak: 1.10 W/kg

SAR 10g (W/Kg)	0.517468
SAR 1g (W/Kg)	0.790210

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1782	0.8043	0.5138	0.3915	0.2630	0.1753	0.1207



3D screen shot	Hot spot position
	

MEASUREMENT 3

Type: Phone measurement (Complete)

Date of measurement: 9/7/2017

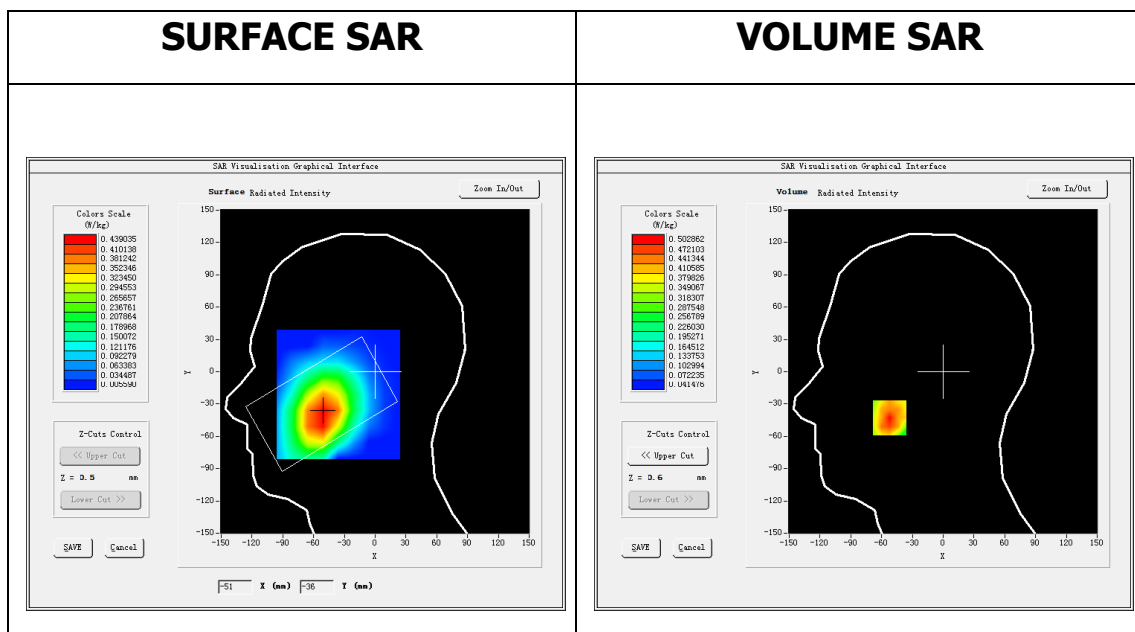
Measurement duration: 8 minutes 11 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm</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>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>4.63</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.913779
Relative permittivity (imaginary part)	13.336920
Conductivity (S/m)	1.370887
Variation (%)	-0.150000

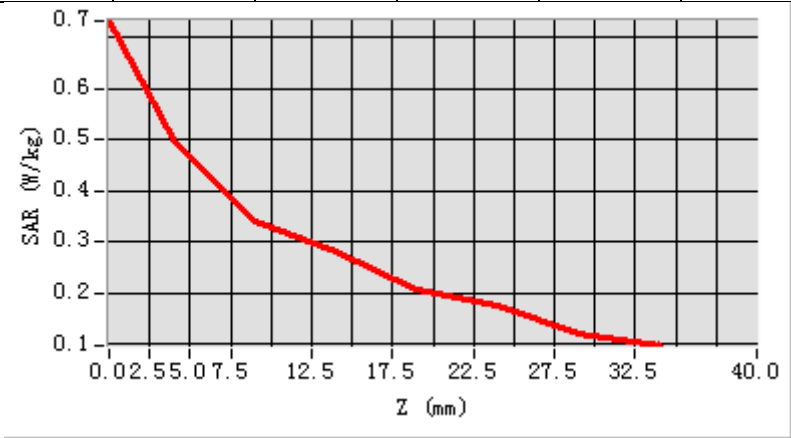


Maximum location: X=-52.00, Y=-43.00

SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.301254
SAR 1g (W/Kg)	0.456223

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7324	0.5029	0.3396	0.2814	0.2059	0.1750	0.1199



3D screen shot	Hot spot position
<p>A 3D rendering of a human head model. The head is shown in a light blue color. A color-coded SAR distribution is visible on the head, with a hot spot (red/orange) located on the side of the head, near the ear area. The distribution transitions through yellow and green to blue as the SAR value decreases.</p>	<p>A 3D visualization of the hot spot position. It shows a color-coded SAR distribution on a 3D model, with a hot spot (red/orange) located on the side of the head, near the ear area. The distribution transitions through yellow and green to blue as the SAR value decreases.</p>

MEASUREMENT 4

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 9/7/2017

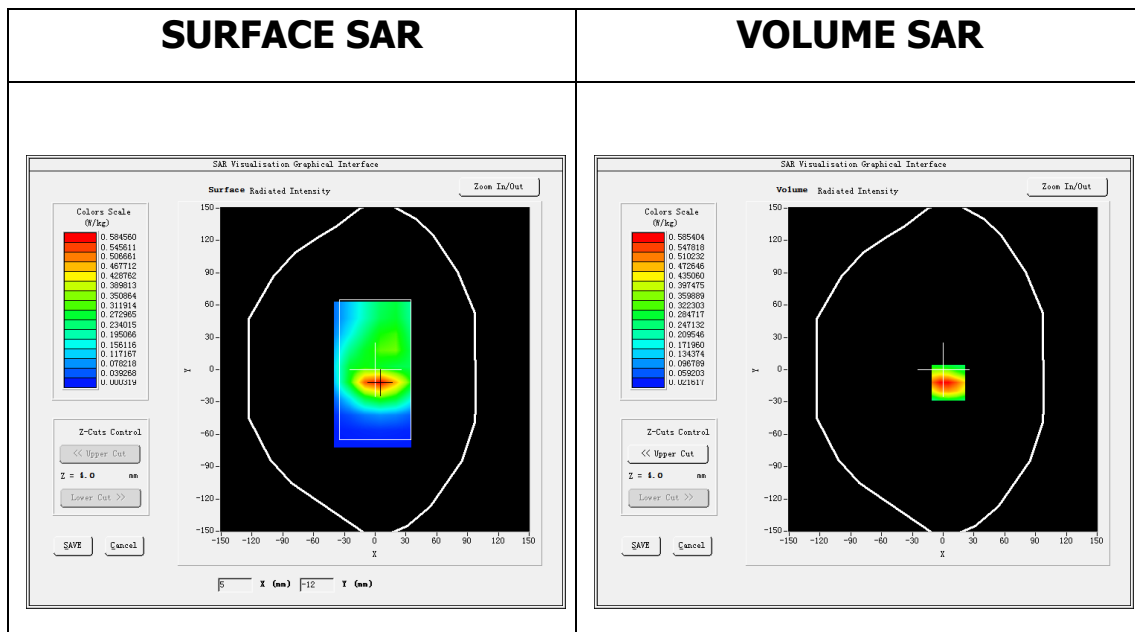
Measurement duration: 7 minutes 36 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm</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)	53.362899
Relative permittivity (imaginary part)	14.493960
Conductivity (S/m)	1.489818
Variation (%)	1.040000

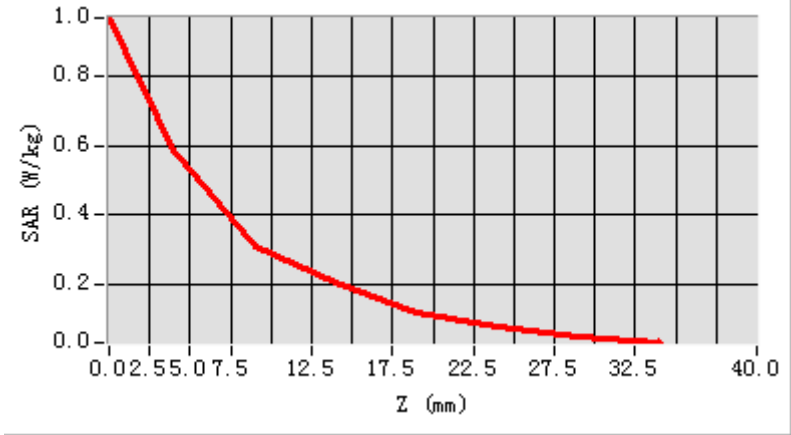


Maximum location: X=5.00, Y=-12.00

SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.317144
SAR 1g (W/Kg)	0.572206

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9673	0.5854	0.3074	0.2088	0.1184	0.0814	0.0497



3D screen shot	Hot spot position
