



Annex B: Measurement Results

Tested Model : Prime P6

**Report Number:
FCC17070616A-SAR**

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 4/7/2017

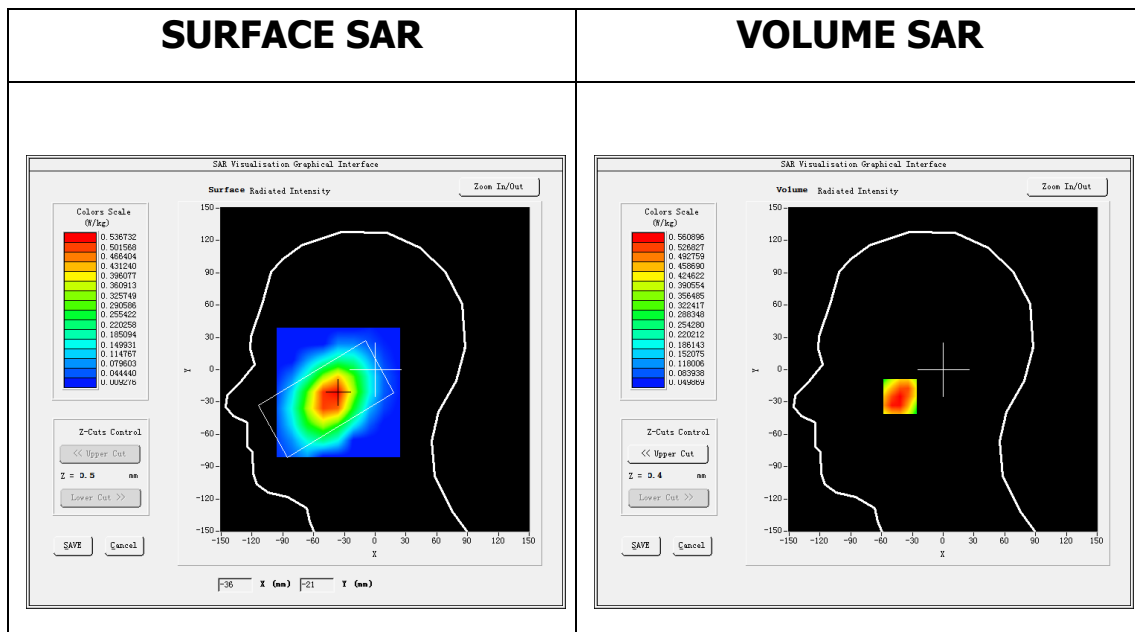
Measurement duration: 10 minutes 28 seconds

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 (GPRS850 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>4.93</u>

B. SAR Measurement Results

Frequency (MHz)	824.200012
Relative permittivity (real part)	41.550823
Relative permittivity (imaginary part)	19.649035
Conductivity (S/m)	0.899707
Variation (%)	-1.440000

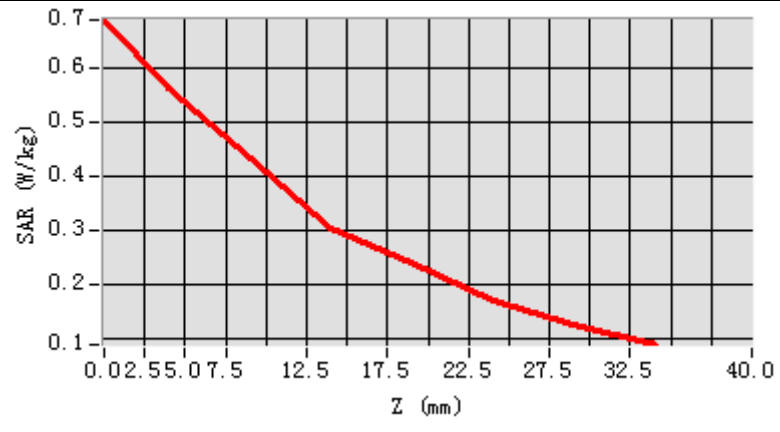


Maximum location: X=-42.00, Y=-25.00

SAR Peak: 0.77 W/kg

SAR 10g (W/Kg)	0.373470
SAR 1g (W/Kg)	0.551132

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6874	0.5609	0.4328	0.3015	0.2381	0.1701	0.1237



3D screen shot	Hot spot position
<p>A 3D model of a human head and neck, showing the distribution of SAR (W/Kg) across the body. The model is rendered in a light blue color. A color-coded region on the neck indicates the SAR distribution, with a red/yellow area representing the highest SAR values and a blue area representing the lowest.</p>	<p>A 3D model of a human head and neck, showing the distribution of SAR (W/Kg) across the body. The model is rendered in a light blue color. A color-coded region on the neck indicates the SAR distribution, with a red/yellow area representing the highest SAR values and a blue area representing the lowest. The hot spot is located in the center of the neck, where the SAR value is highest.</p>

MEASUREMENT 2

Towards-ground-low

Type: Phone measurement (Complete)

Date of measurement: 4/7/2017

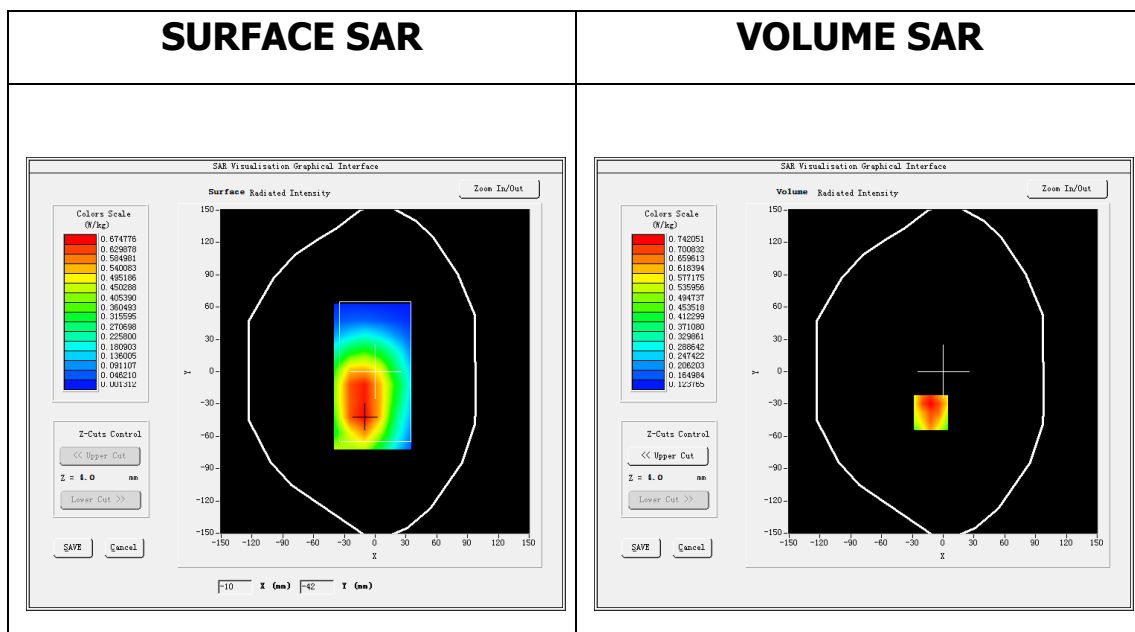
Measurement duration: 10 minutes 28 seconds

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>Low</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)	824.200012
Relative permittivity (real part)	55.242077
Relative permittivity (imaginary part)	21.378187
Conductivity (S/m)	0.978883
Variation (%)	1.820000

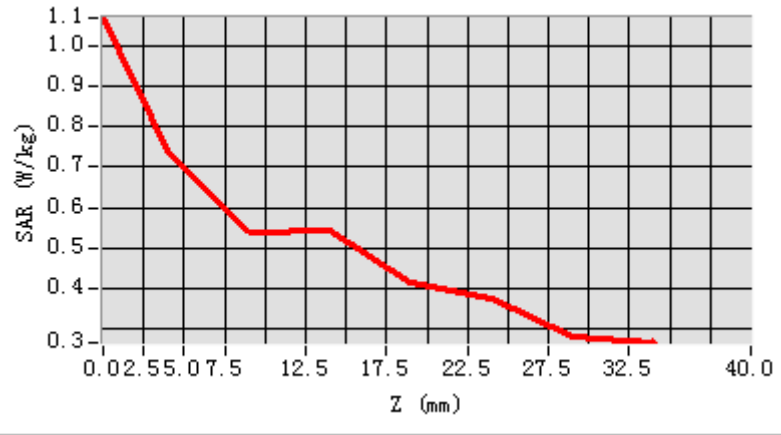


Maximum location: X=-12.00, Y=-38.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.566400
SAR 1g (W/Kg)	0.736944

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0668	0.7421	0.5405	0.5416	0.4157	0.3764	0.2805



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, L-shaped device. A small rectangular area on the horizontal part of the device is highlighted with a color-coded heatmap, showing a concentration of red and yellow, indicating a hot spot.</p>	<p>A 2D heatmap visualization of the hot spot position. The image shows a color gradient from blue (low intensity) to red (high intensity). The highest intensity (red) is concentrated in the center of the device's horizontal section, with the intensity decreasing towards the edges and the vertical section.</p>

MEASUREMENT 3

Type: Phone measurement (Complete)

Date of measurement: 6/7/2017

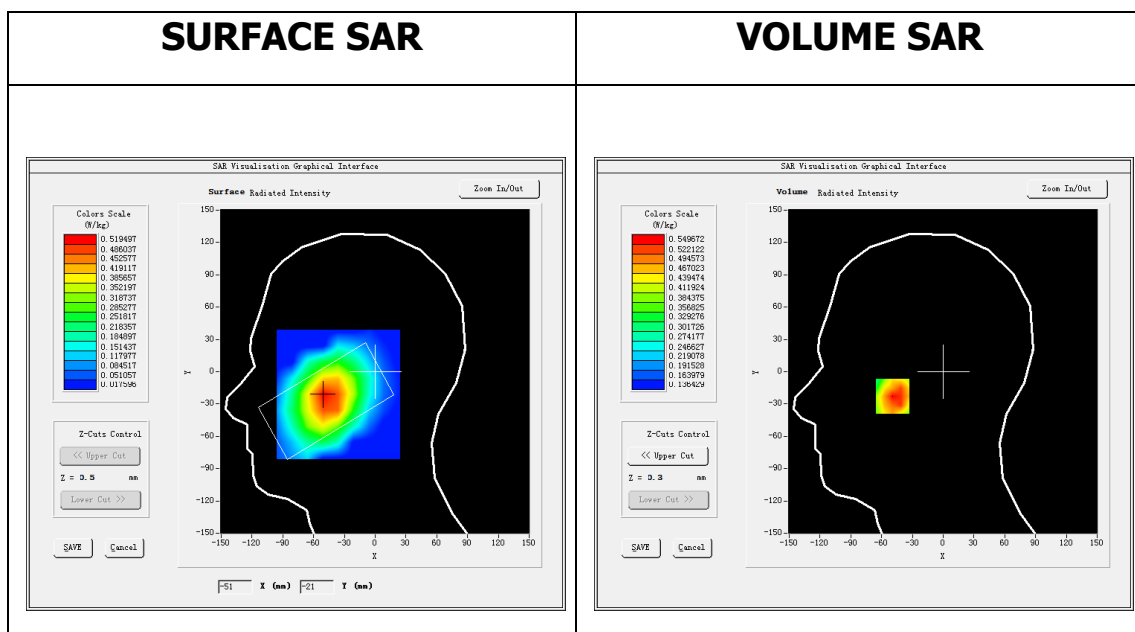
Measurement duration: 8 minutes 57 seconds

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>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)	39.914200
Relative permittivity (imaginary part)	13.434300
Conductivity (S/m)	1.403138
Variation (%)	1.290000

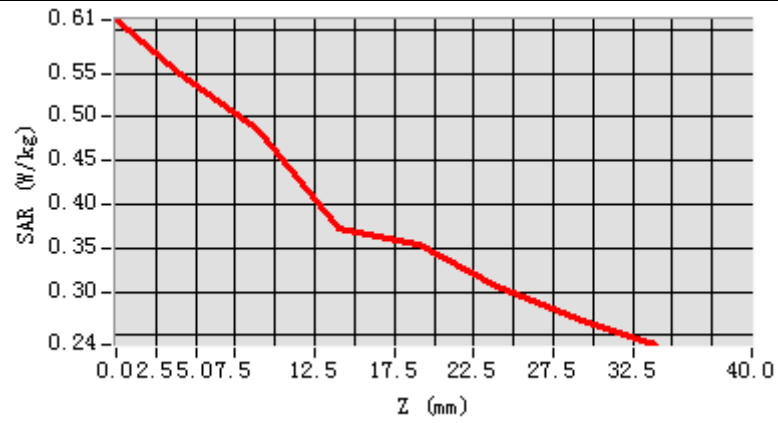


Maximum location: X=-49.00, Y=-23.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.420661
SAR 1g (W/Kg)	0.538104

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6110	0.5497	0.4846	0.3729	0.3541	0.3054	0.2701



3D screen shot	Hot spot position

MEASUREMENT 4

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 6/7/2017

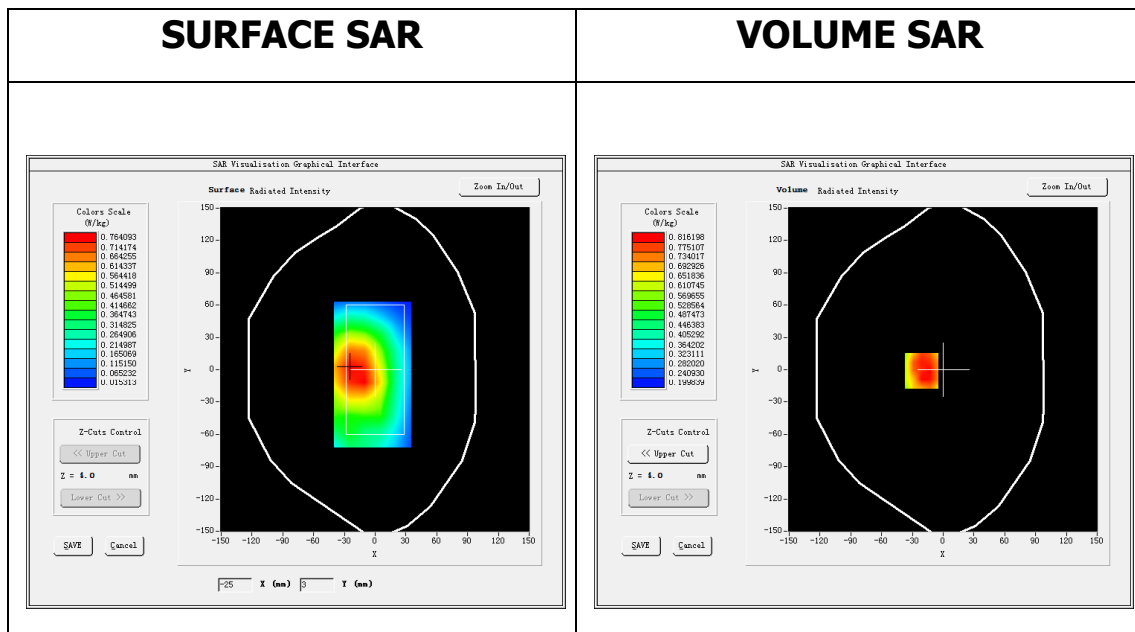
Measurement duration: 6 minutes 59 seconds

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>5.07</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.356098
Relative permittivity (imaginary part)	14.668600
Conductivity (S/m)	1.532054
Variation (%)	-0.580000

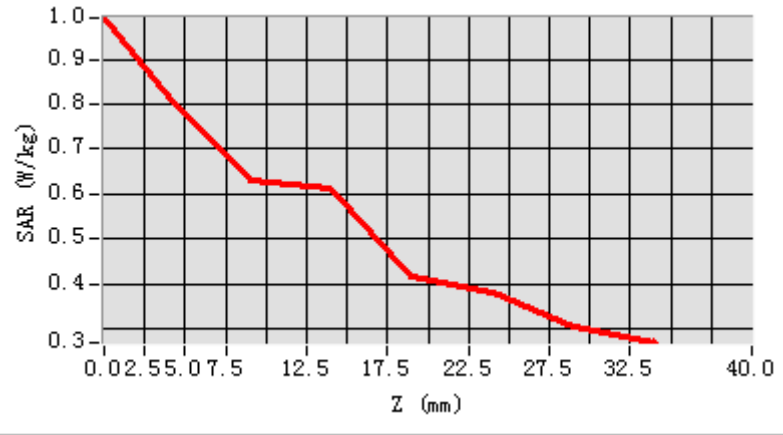


Maximum location: X=-21.00, Y=-1.00

SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.535945
SAR 1g (W/Kg)	0.727981

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9921	0.8162	0.6287	0.6136	0.4175	0.3821	0.3028



3D screen shot	Hot spot position
