



Annex B: Measurement Results

Tested Model : S8

**Report Number:
FCC17040287A-5**

I. RESULTS

<u>TYPE</u>	<u>BAND</u>	<u>PARAMETERS</u>
Phone	IEEE 802.11b ISM	Measurement 1: Validation Plane with Body device position on Middle Channel in --- mode

MEASUREMENT 1

Front-side-middle

Type: Phone measurement (Complete)

Date of measurement: 9/5/2017

Measurement duration: 14 minutes 10 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm 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>4.00</u>

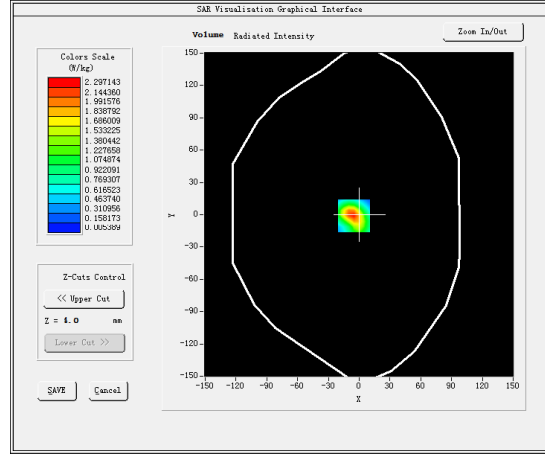
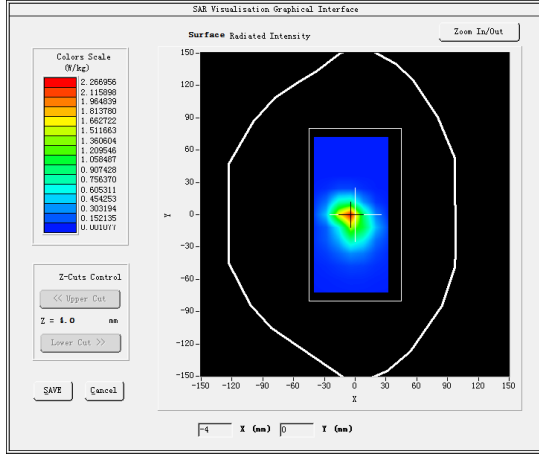
B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.756401
Relative permittivity (imaginary part)	14.076200
Conductivity (S/m)	1.909671
Variation (%)	-1.290000

SURFACE SAR

VOLUME SAR

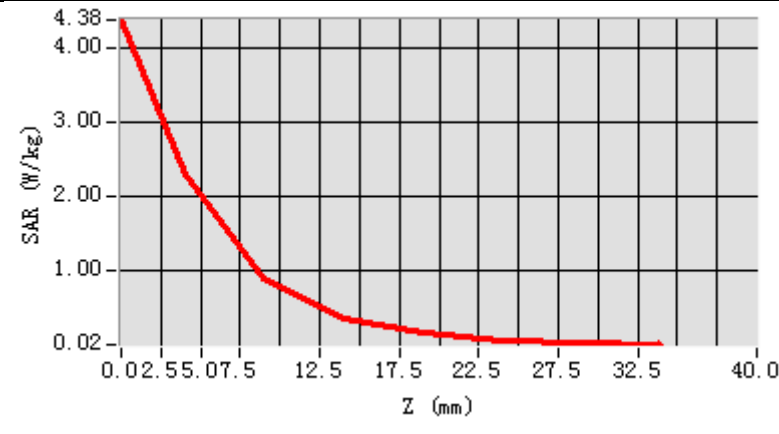


Maximum location: X=-5.00, Y=-1.00

SAR Peak: 4.33 W/kg

SAR 10g (W/Kg)	0.344386
SAR 1g (W/Kg)	0.769274

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.3758	2.2971	0.9013	0.3767	0.1645	0.0738	0.0340



3D screen shot	Hot spot position
