



Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	WIFI 2.4G 802.11b	Left Side, Middle ,10mm	2020/08/24

Plot 1: Wi-Fi 802.11b, Left Side ,Middle, 10mm

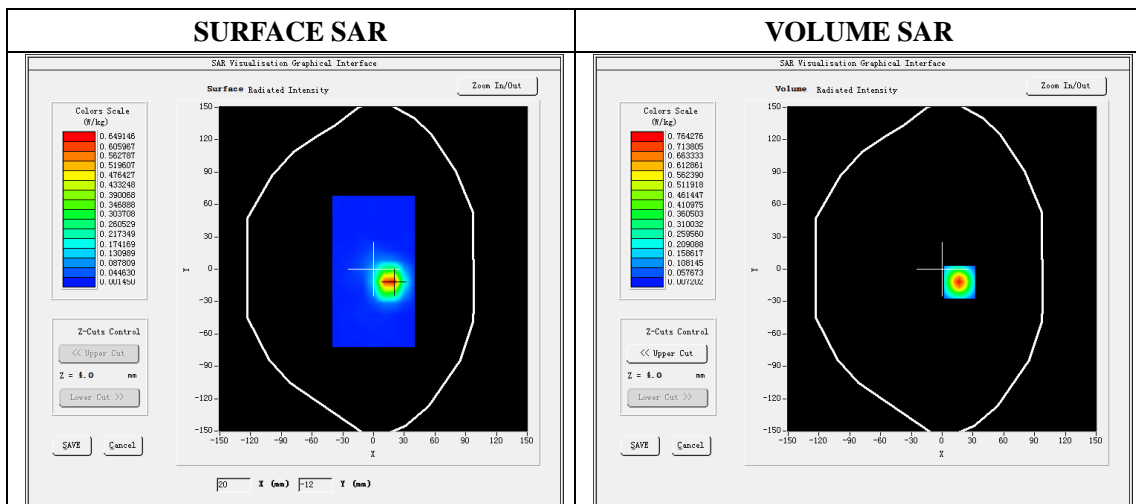
Type: Phone measurement
 Date of measurement: 08/24/2020
 Measurement duration: 22 minutes 13 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Left Side
Band	WIFI
Channels	6
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	52.70
Relative permittivity (imaginary)	14.40
Conductivity (S/m)	1.96
Variation (%)	-0.58
ConvF:	2.47

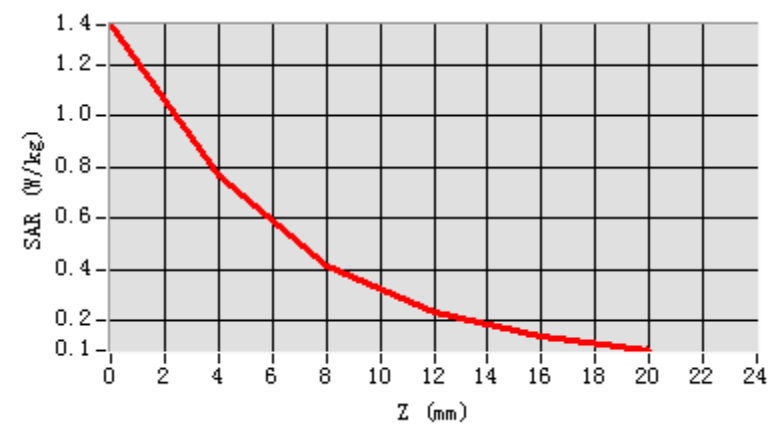


Maximum location: X=17.00, Y=-12.00

SAR Peak: 1.36 W/kg

SAR 10g (W/Kg)	0.287218
SAR 1g (W/Kg)	0.665355

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.3575	0.7643	0.4182	0.2328	0.1390



3D screen shot	Hot spot position
