

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	WIFI 2.4G 802.11b	Left Side, Middle ,5mm	2020/12/01

Plot 1: Wi-Fi 802.11b, Left Side ,Middle, 5mm

Type: Phone measurement

Date of measurement: 12/01/2020

Measurement duration: 22 minutes 05 seconds

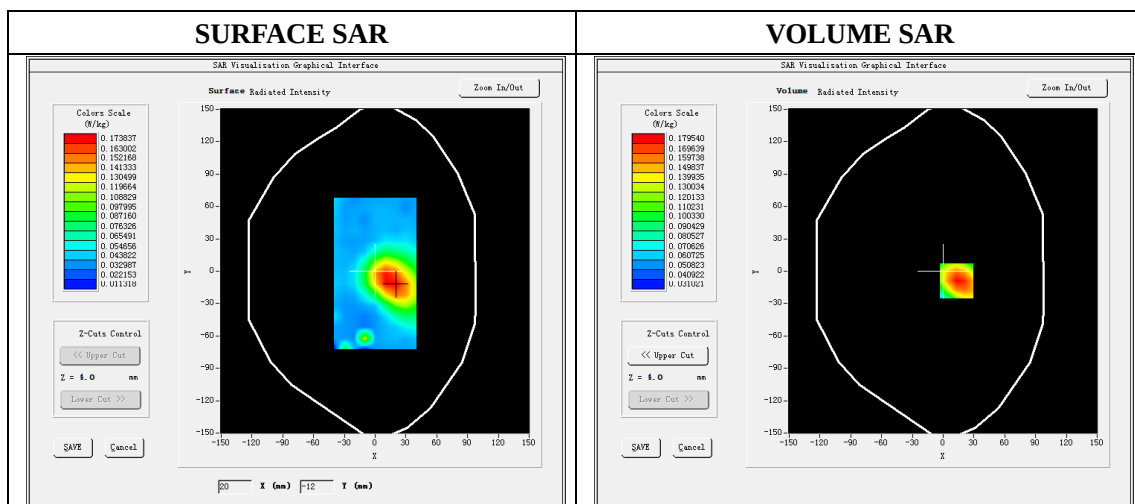
Mobile Phone IMEI number: --

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)	52.72
Relative permittivity (imaginary)	14.40
Conductivity (S/m)	1.96
Variation (%)	-4.61
ConvF:	2.47



Maximum location: X=13.00, Y=-9.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.102304
SAR 1g (W/Kg)	0.171268

