

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	RFID	Face, Middle ,10mm	2020/11/17

Plot 1: RFID, Face, Middle,10mm

Type: Phone measurement

Date of measurement: 11/17/2020

Measurement duration: 22 minutes 07 seconds

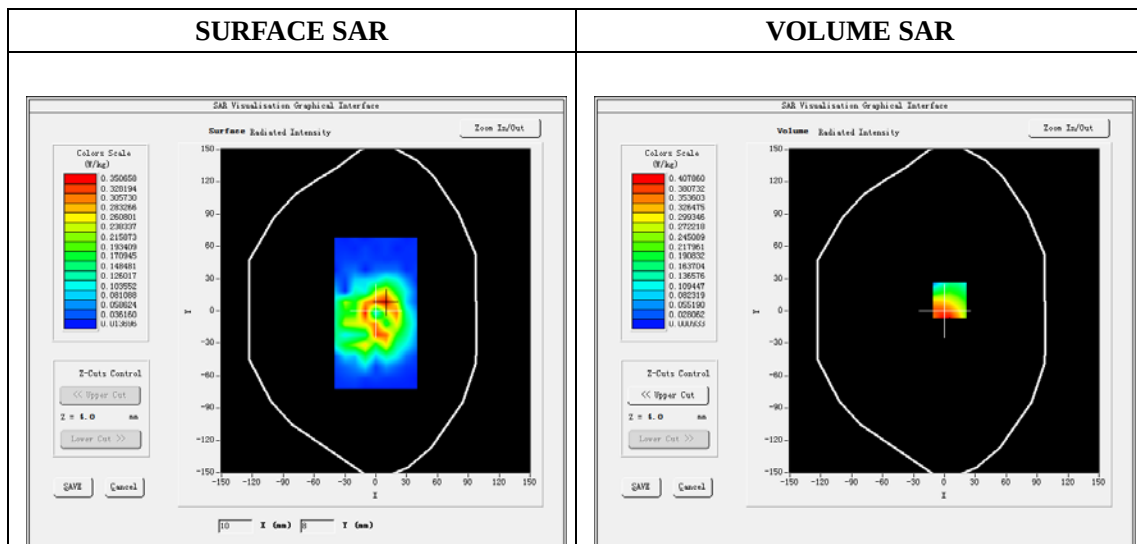
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Face
Band	RFID
Channels	Middle
Signal	RFID(100% Duty-Cycle)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	900
Relative permittivity (real part)	54.96
Relative permittivity (imaginary part)	20.40
Conductivity (S/m)	1.02
Variation (%)	-4.64
ConvF:	1.92



Maximum location: X=5.00, Y=10.00

SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.202308
SAR 1g (W/Kg)	0.476876

