



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Body	2450	2020-12-16

System Performance Check (Body, 2450MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/16/2020

Measurement duration: 22 minutes 09 seconds

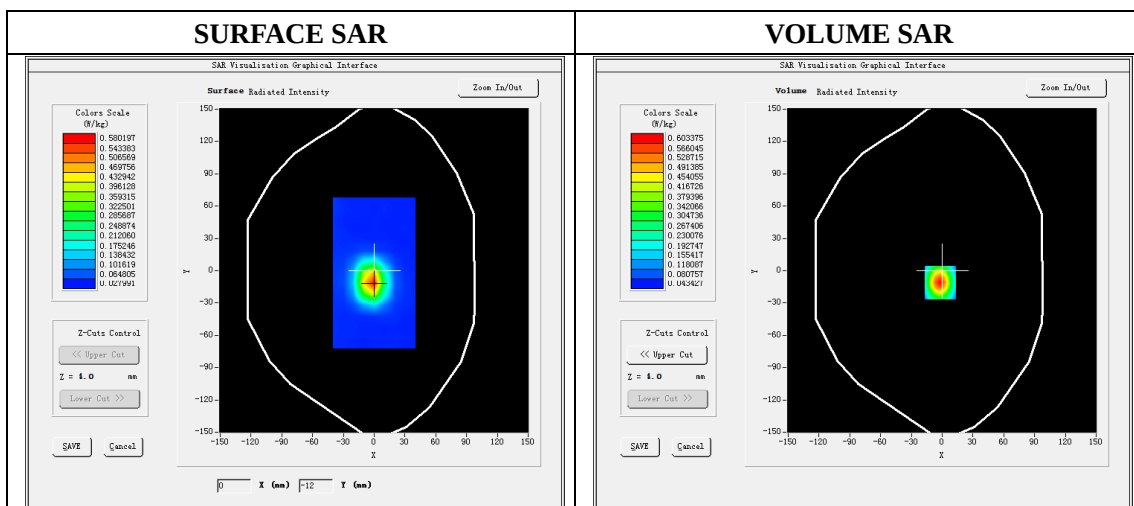
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=5mm dy=5mm dz=4mm
Device Position	Dipole
Band	2450MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2450
Relative permittivity (real part)	52.69
Relative permittivity	14.25
Conductivity (S/m)	1.94
Power Drift (%)	-0.84
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	2.47
Duty factor:	1:1



Maximum location: X=-2.00, Y=-11.00

SAR Peak: 1.01 W/kg

SAR 10g (W/Kg)	0.267245
SAR 1g (W/Kg)	0.546066

