



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Body	2450	2020-08-24

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: 08/24/2020

Measurement duration: 22 minutes 05 seconds

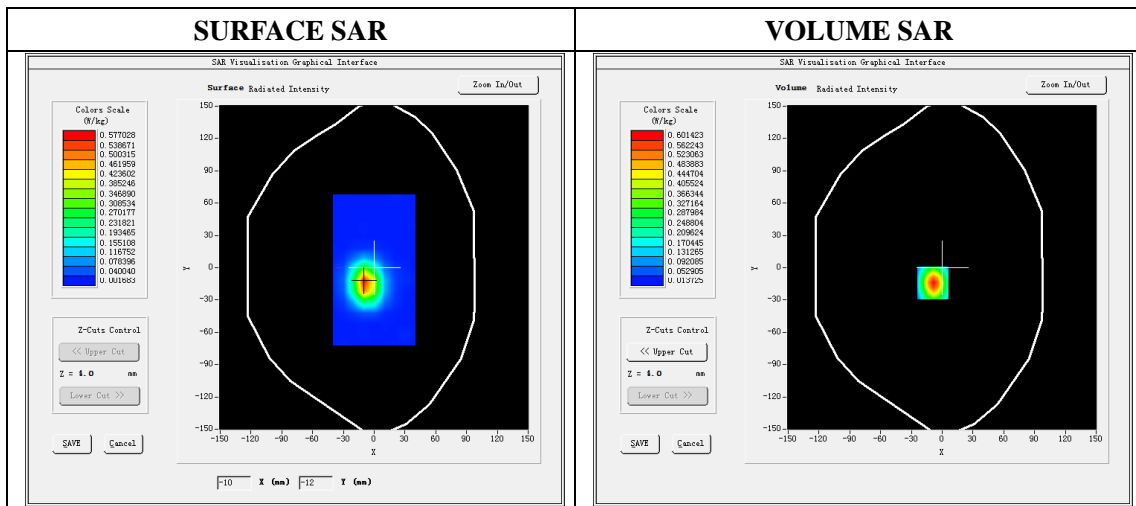
A. Experimental conditions.

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)	52.72
Relative permittivity	14.47
Conductivity (S/m)	1.97
Power Drift (%)	-0.69
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	2.47
Duty factor:	1:1



Maximum location: X=-9.00, Y=-14.00

SAR Peak: 1.01 W/kg

SAR 10g (W/Kg)	0.252599
SAR 1g (W/Kg)	0.542181

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0146	0.6014	0.3460	0.1978	0.1148

