

## 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

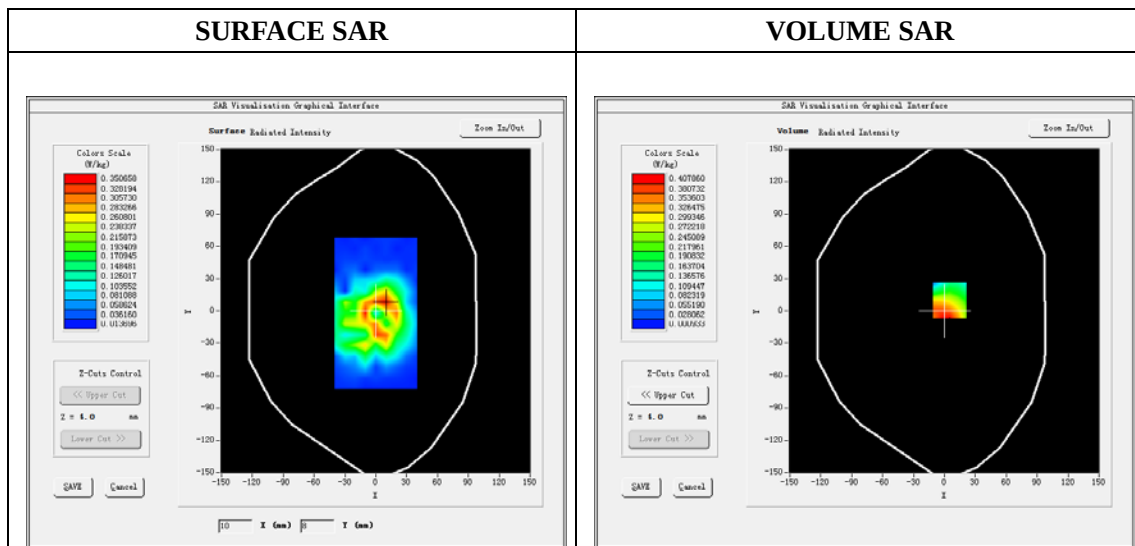
Mobile Phone IMEI number: --

#### 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 |

