



## Annex C Plots of System Performance Check

### 300MHz System Check Data(Head)

Type: Phone measurement (Complete)

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

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2022.09.02

Measurement duration: 15 minutes 38 seconds

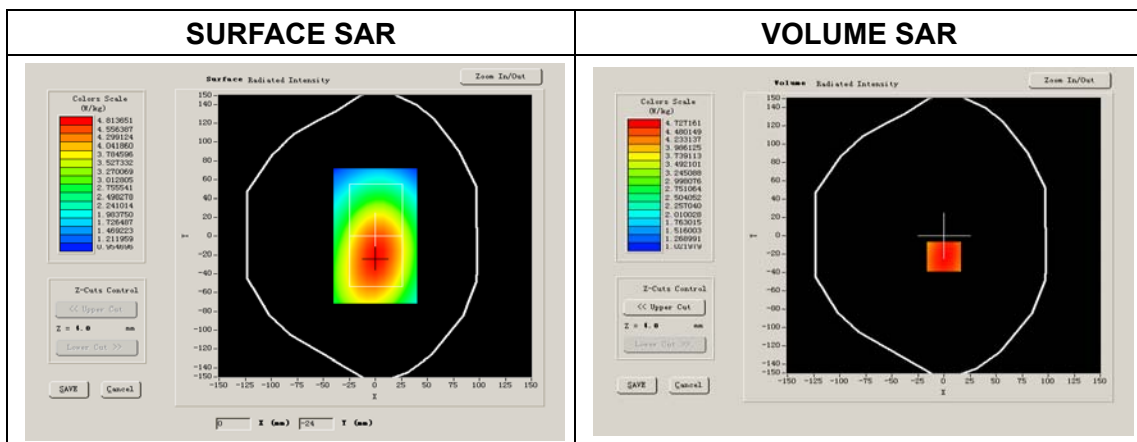
#### A. Experimental conditions.

|                 |                   |
|-----------------|-------------------|
| Phantom File    | surf_sam_plan.txt |
| Phantom         | Validation plane  |
| Device Position |                   |
| Band            | 300MHz            |
| Channels        |                   |
| Signal          | CW                |

#### B. SAR Measurement Results

##### Band SAR

|                                   |            |
|-----------------------------------|------------|
| Frequency (MHz)                   | 300.000000 |
| Relative permittivity (real part) | 45.097261  |
| Conductivity (S/m)                | 0.903652   |
| Power Drift (%)                   | 0.836296   |
| Ambient Temperature:              | 22.0°C     |
| Liquid Temperature:               | 21.8°C     |
| ConvF:                            | 7.55       |
| Crest factor:                     | 1:1        |

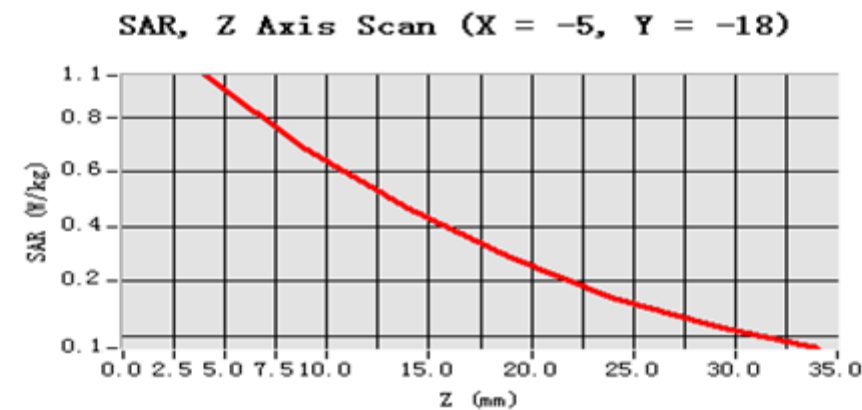


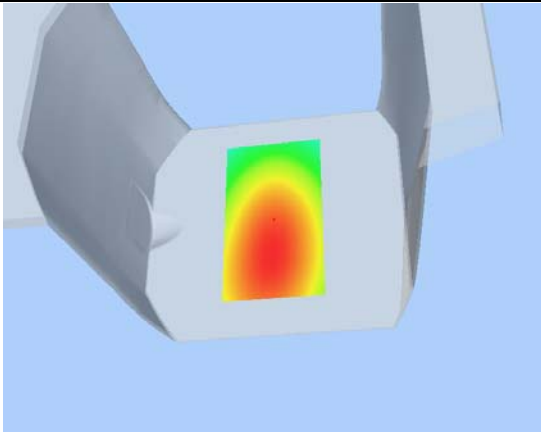
Maximum location: X=-5.00, Y=-18.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.207619 |
| SAR 1g (W/Kg)  | 0.284781 |

### Z Axis Scan

|            |        |        |        |        |        |        |        |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm)     | 0.00   | 4.00   | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
| SAR (W/Kg) | 0.0000 | 0.6492 | 0.4880 | 0.3070 | 0.1702 | 0.1214 | 0.0818 |



| 3D scene shot                                                                       | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |