

3) Liquid depth for all tests. If possible please provide Z-axis scan data for the "hot spot" of each test.

Testing has been carried out in accordance with IEEE Std 1528-200x Draft 6.4.

Liquid depth in the ear reference point of the phantom has been $15\text{ cm} \pm 0.5\text{ cm}$ during all the tests.

5) Additional physical descriptive details of the E-field probe used for this test.

ET3DV6 is an Isotropic E-Field Probe for Dosimetric Measurements.

Construction

- Symmetrical design with triangular core
- Built-in optical fiber for surface detection system
- Built-in shielding against static charges
- PEEK enclosure material (resistant to organic solvents, e.g., glycolether)

Calibration

- Calibration certificate is attached to SAR report

Frequency

- 10 MHz to 3 GHz (dosimetry); Linearity: $\pm 0.2\text{ dB}$ (30 MHz to 3 GHz)

Directivity

- $\pm 0.2\text{ dB}$ in HSL (rotation around probe axis)
- $\pm 0.4\text{ dB}$ in HSL (rotation normal to probe axis)

Dynamic Range

- $5\text{ }\mu\text{W/g}$ to $> 100\text{ mW/g}$; Linearity: $\pm 0.2\text{ dB}$

Optical Surface

Detection

- $\pm 0.2\text{ mm}$ repeatability in air and clear liquids over diffuse reflecting surfaces

Dimensions

- Overall length: 330 mm
- Tip length: 16 mm
- Body diameter: 12 mm
- Tip diameter: 6.8 mm
- Distance from probe tip to dipole centers: 2.7 mm

Application

- General dosimetry up to 3 GHz
- Compliance tests of mobile phones
- Fast automatic scanning in arbitrary phantoms

6) All SAR distribution plots measured.

Additional SAR distribution plots are in the Pictures-file.