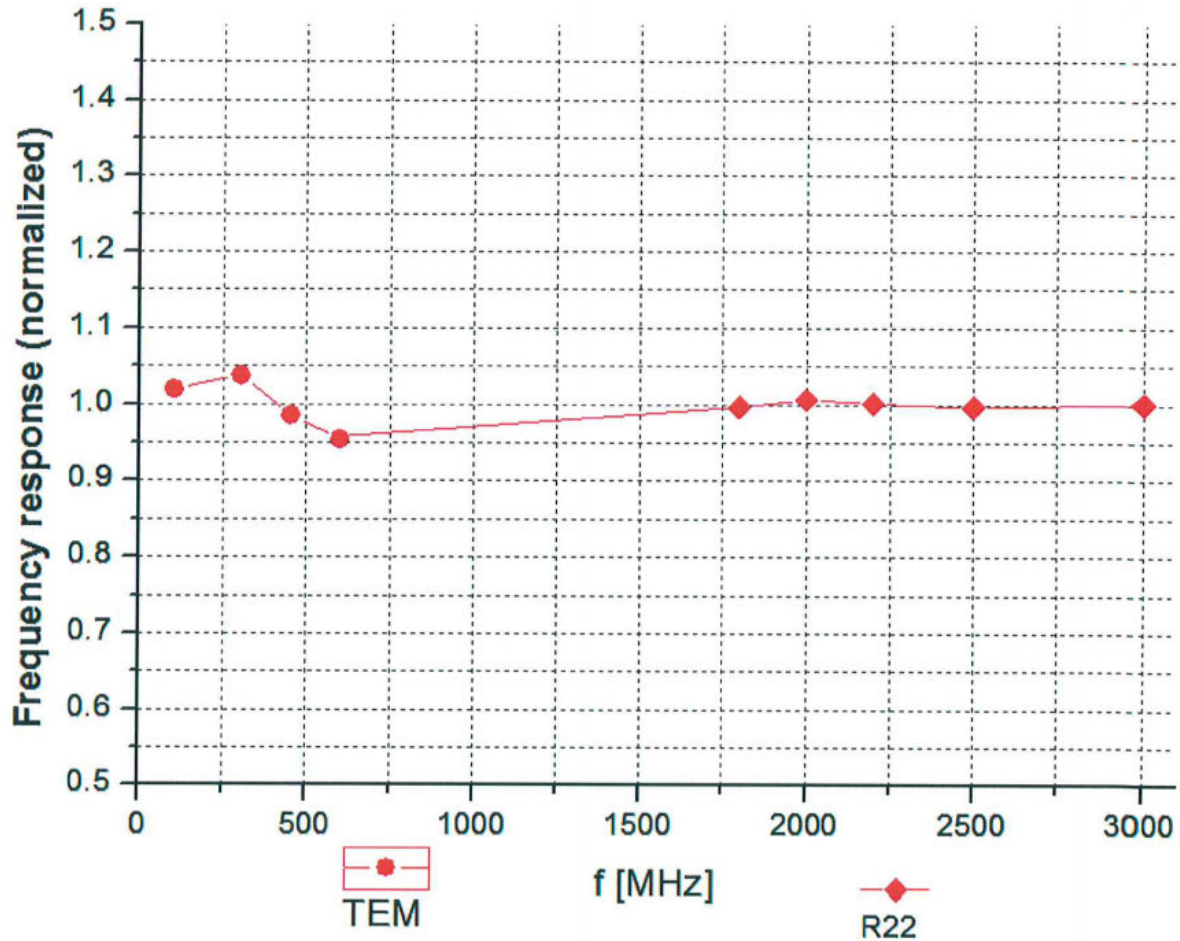




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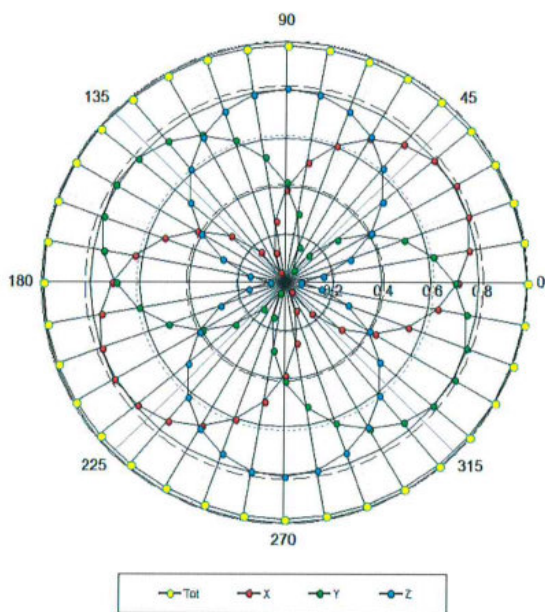
## Frequency Response of E-Field (TEM-Cell: ifi110 EXX, Waveguide: R22)



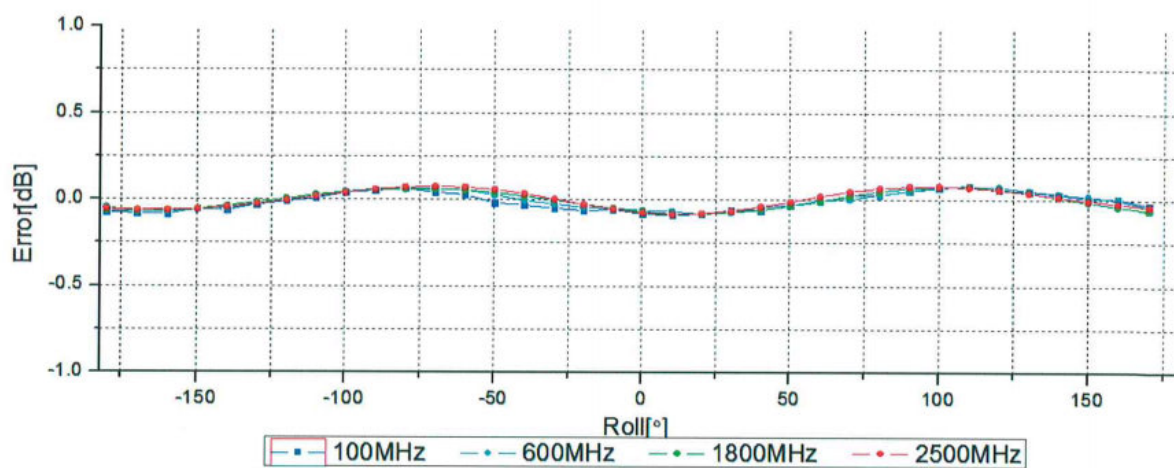
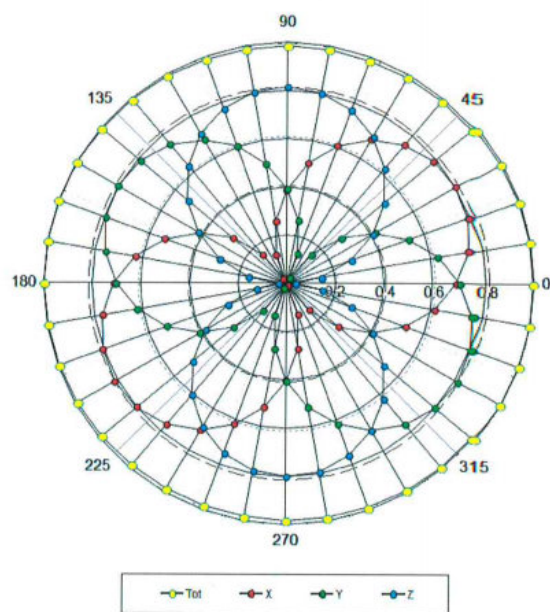
Uncertainty of Frequency Response of E-field:  $\pm 7.4\%$  ( $k=2$ )

## Receiving Pattern ( $\Phi$ ), $\theta=0^\circ$

**f=600 MHz, TEM**



**f=1800 MHz, R22**



**Uncertainty of Axial Isotropy Assessment:  $\pm 1.2\%$  ( $k=2$ )**

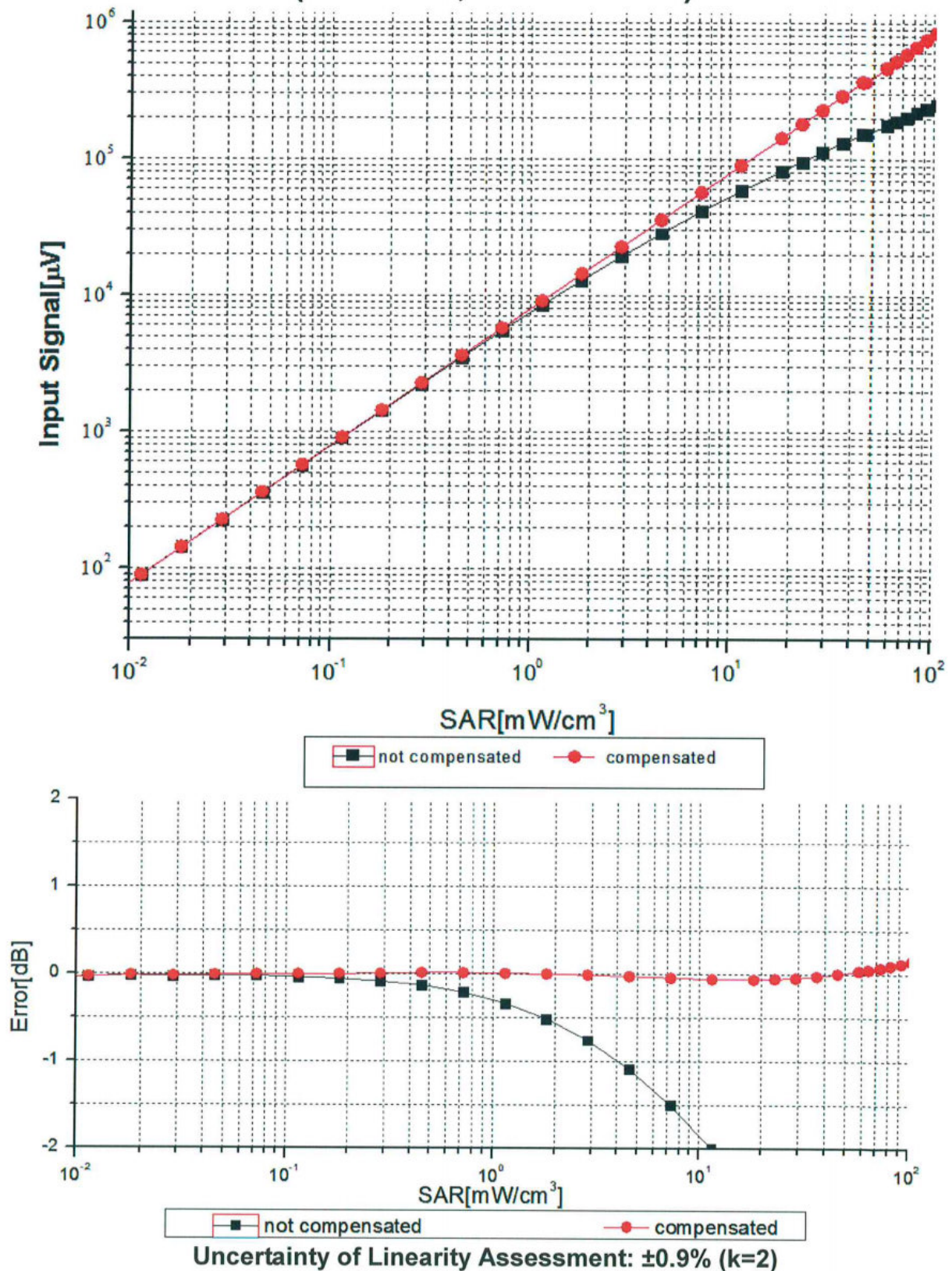




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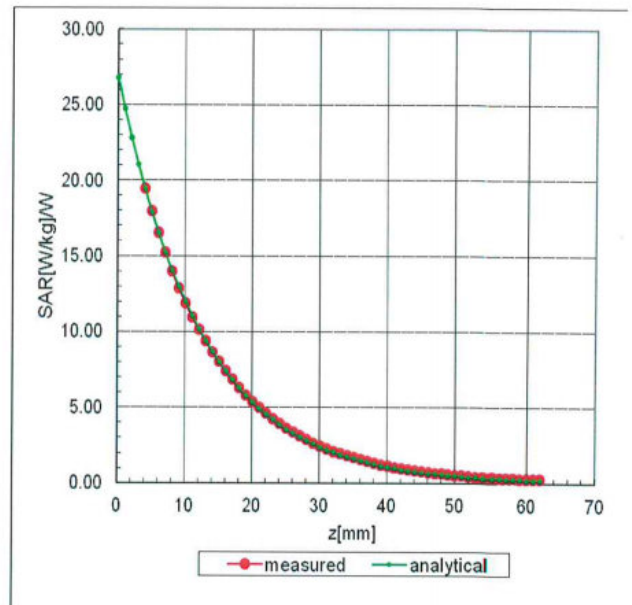
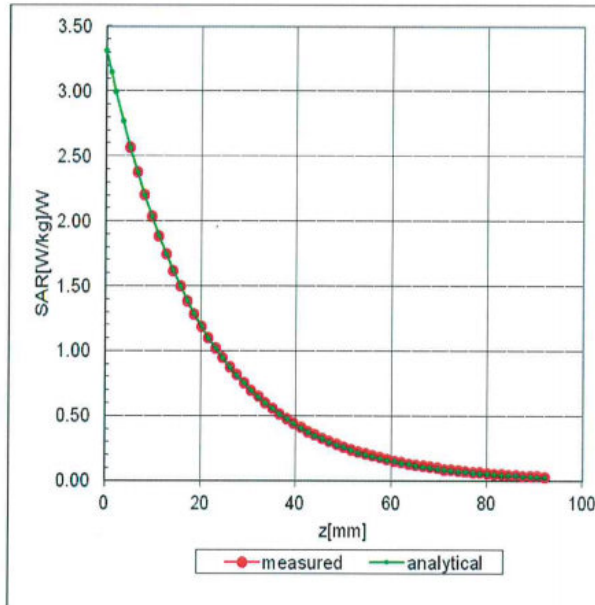
## Dynamic Range f(SAR<sub>head</sub>) (TEM cell, f = 900 MHz)



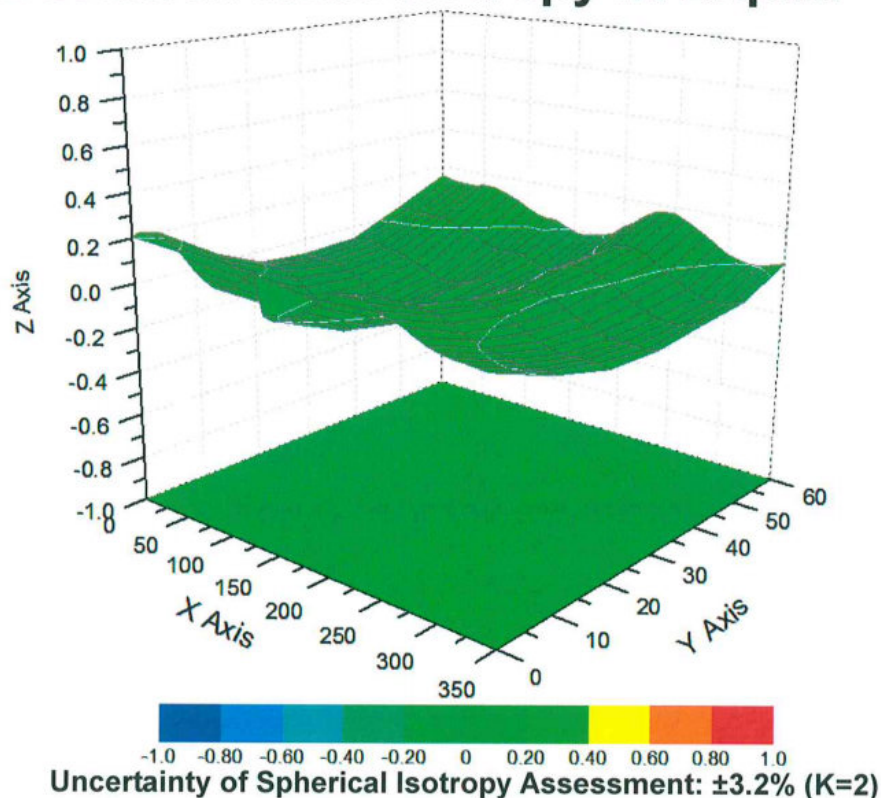
## Conversion Factor Assessment

**f=835 MHz, WGLS R9(H\_convF)**

**f=1750 MHz, WGLS R22(H\_convF)**



## Deviation from Isotropy in Liquid







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## **DASY/EASY – Parameters of Probe: ES3DV3 - SN: 3293**

### **Other Probe Parameters**

<b>Sensor Arrangement</b>	<b>Triangular</b>
<b>Connector Angle (°)</b>	<b>7.2</b>
<b>Mechanical Surface Detection Mode</b>	<b>enabled</b>
<b>Optical Surface Detection Mode</b>	<b>disable</b>
<b>Probe Overall Length</b>	<b>337mm</b>
<b>Probe Body Diameter</b>	<b>10mm</b>
<b>Tip Length</b>	<b>10mm</b>
<b>Tip Diameter</b>	<b>4mm</b>
<b>Probe Tip to Sensor X Calibration Point</b>	<b>2mm</b>
<b>Probe Tip to Sensor Y Calibration Point</b>	<b>2mm</b>
<b>Probe Tip to Sensor Z Calibration Point</b>	<b>2mm</b>
<b>Recommended Measurement Distance from Surface</b>	<b>3mm</b>