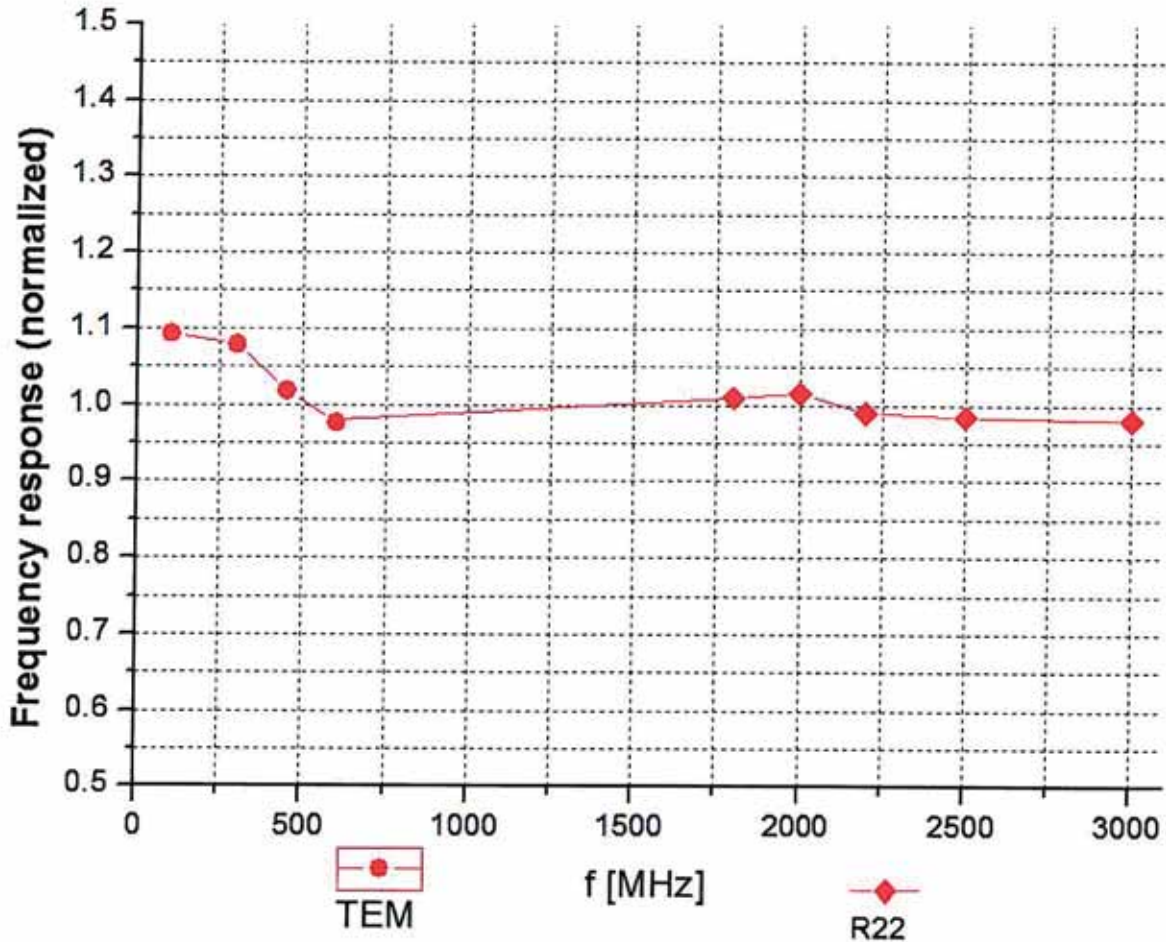




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E-mail: cttl@chinattl.com [Http://www.chinattl.cn](http://www.chinattl.cn)

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



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

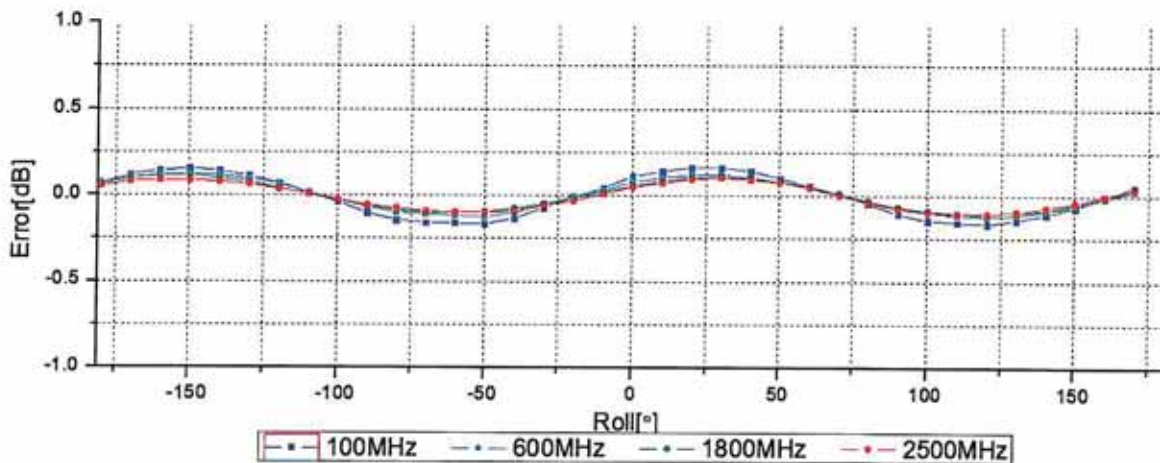
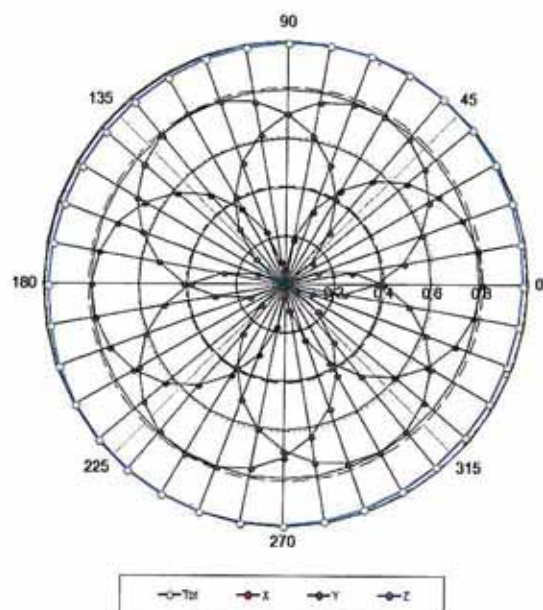
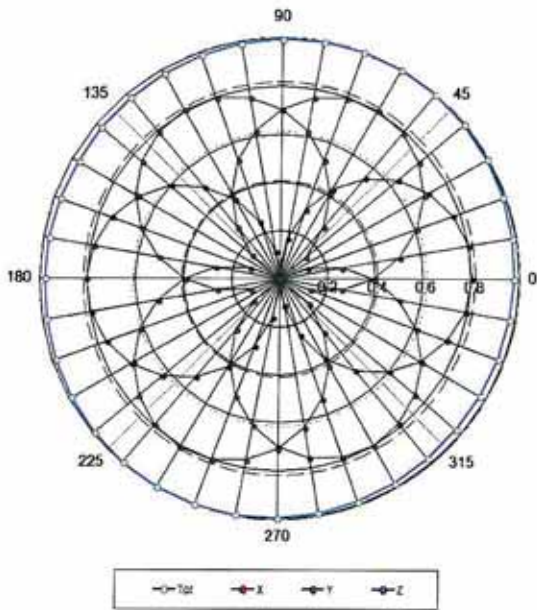


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## Receiving Pattern ( $\Phi$ ), $\theta=0^\circ$

**f=600 MHz, TEM**

**f=1800 MHz, R22**

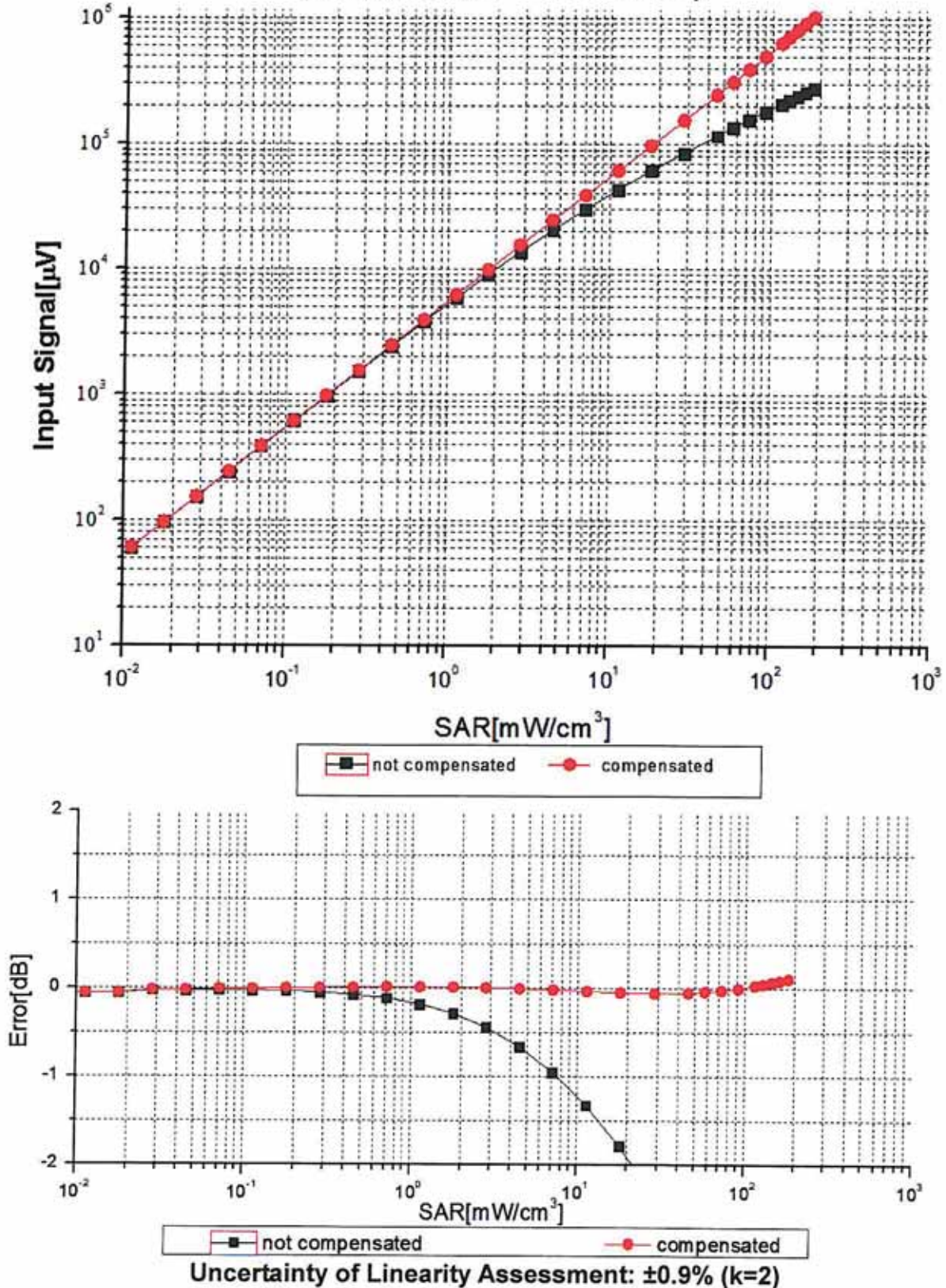


**Uncertainty of Axial Isotropy Assessment:  $\pm 1.2\%$  (k=2)**



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

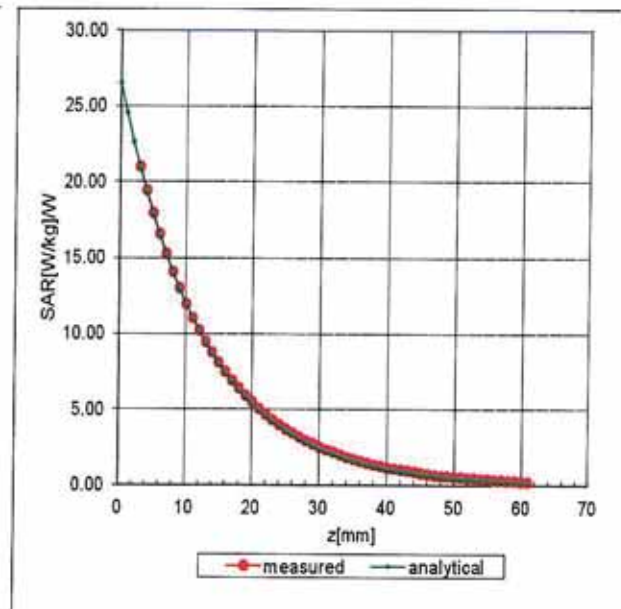
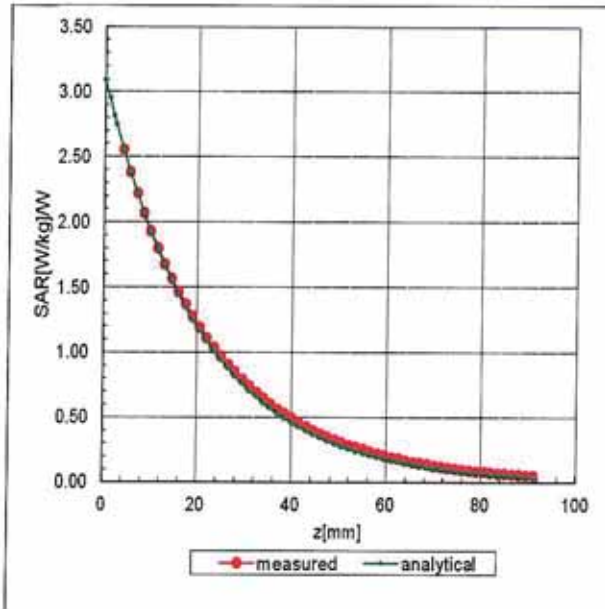




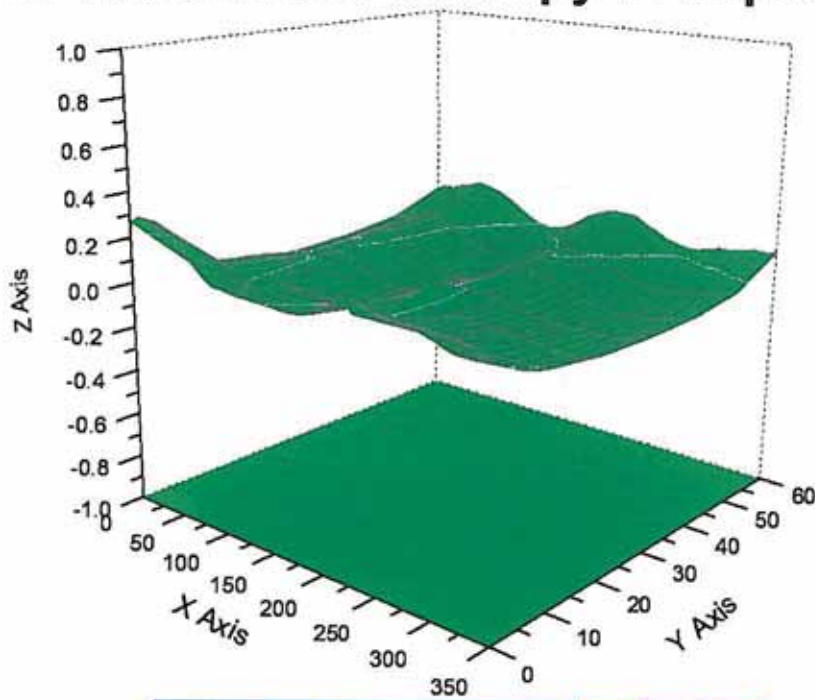
## Conversion Factor Assessment

f=750 MHz, WGLS R9(H\_convF)

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



## Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment:  $\pm 3.2\%$  (K=2)



## DASY/EASY – Parameters of Probe: EX3DV4 – SN: 3970

### Other Probe Parameters

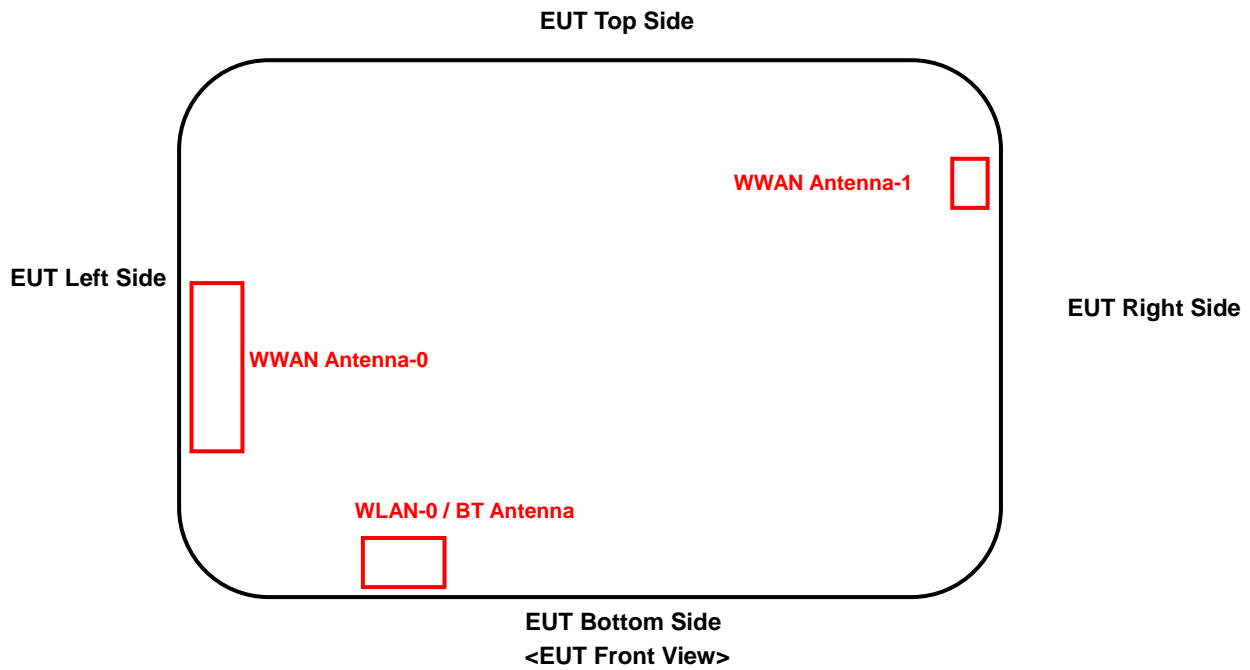
<b>Sensor Arrangement</b>	<b>Triangular</b>
<b>Connector Angle (°)</b>	<b>160.2</b>
<b>Mechanical Surface Detection Mode</b>	<b>enabled</b>
<b>Optical Surface Detection Mode</b>	<b>disable</b>
<b>Probe Overall Length</b>	<b>337mm</b>
<b>Probe Body Diameter</b>	<b>10mm</b>
<b>Tip Length</b>	<b>9mm</b>
<b>Tip Diameter</b>	<b>2.5mm</b>
<b>Probe Tip to Sensor X Calibration Point</b>	<b>1mm</b>
<b>Probe Tip to Sensor Y Calibration Point</b>	<b>1mm</b>
<b>Probe Tip to Sensor Z Calibration Point</b>	<b>1mm</b>
<b>Recommended Measurement Distance from Surface</b>	<b>1.4mm</b>

## Appendix D. Photographs of EUT and Setup

<Photographs of EUT>



<Antenna Location>



The separation distance for antenna to edge:

Antenna	To Left Side (mm)	To Right Side (mm)	To Top Side (mm)	To Bottom Side (mm)
WWAN-0	5	310	80	30
WLAN-0 / BT	40	246	206	5
WLAN-1	310	5	30	150



<Photographs of SAR Setup>





**Bottom Side of EUT with 0cm Gap**