

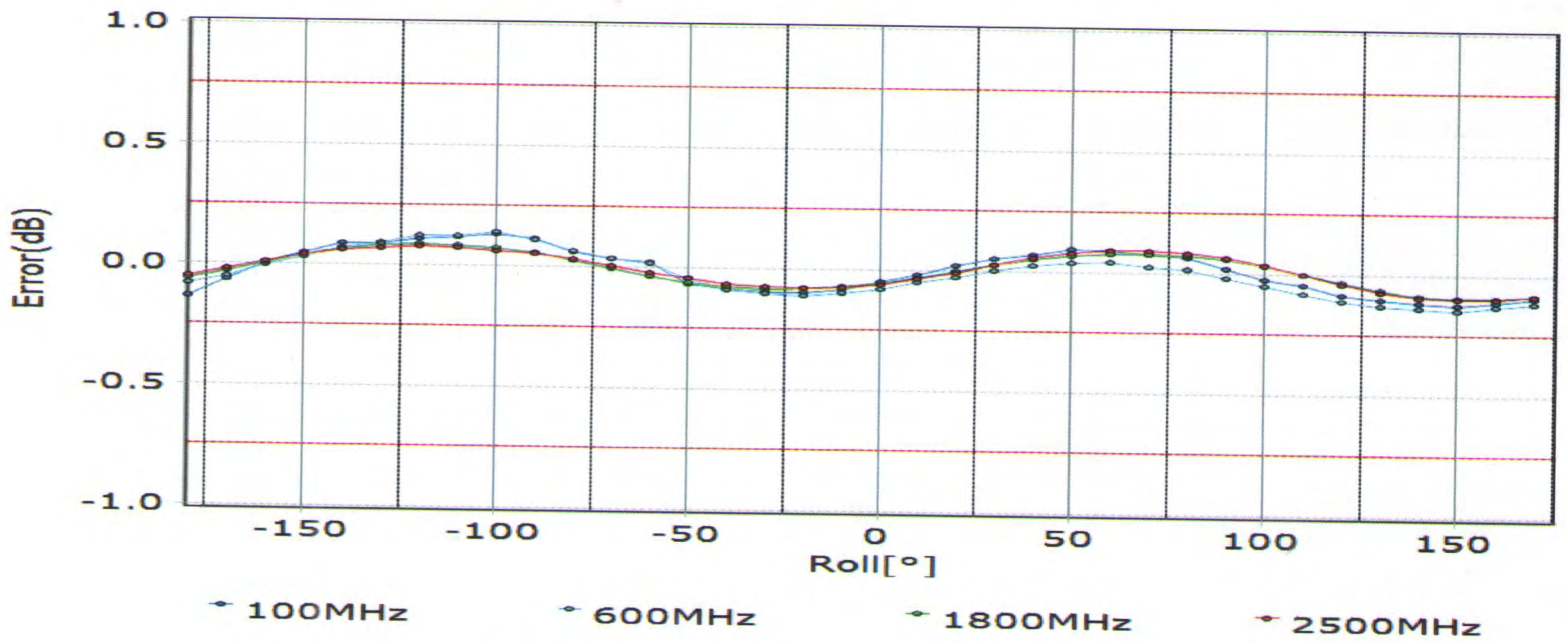
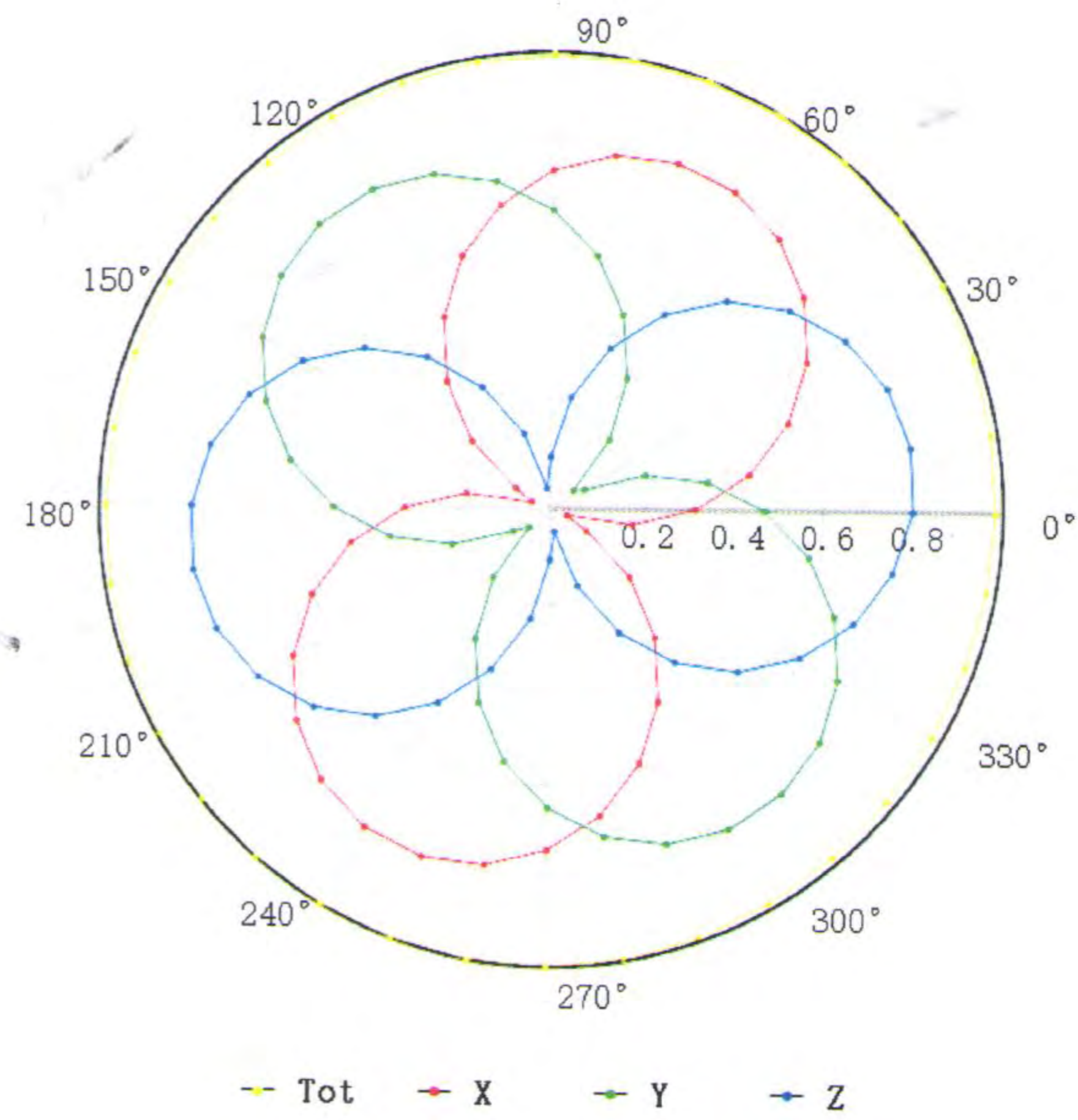
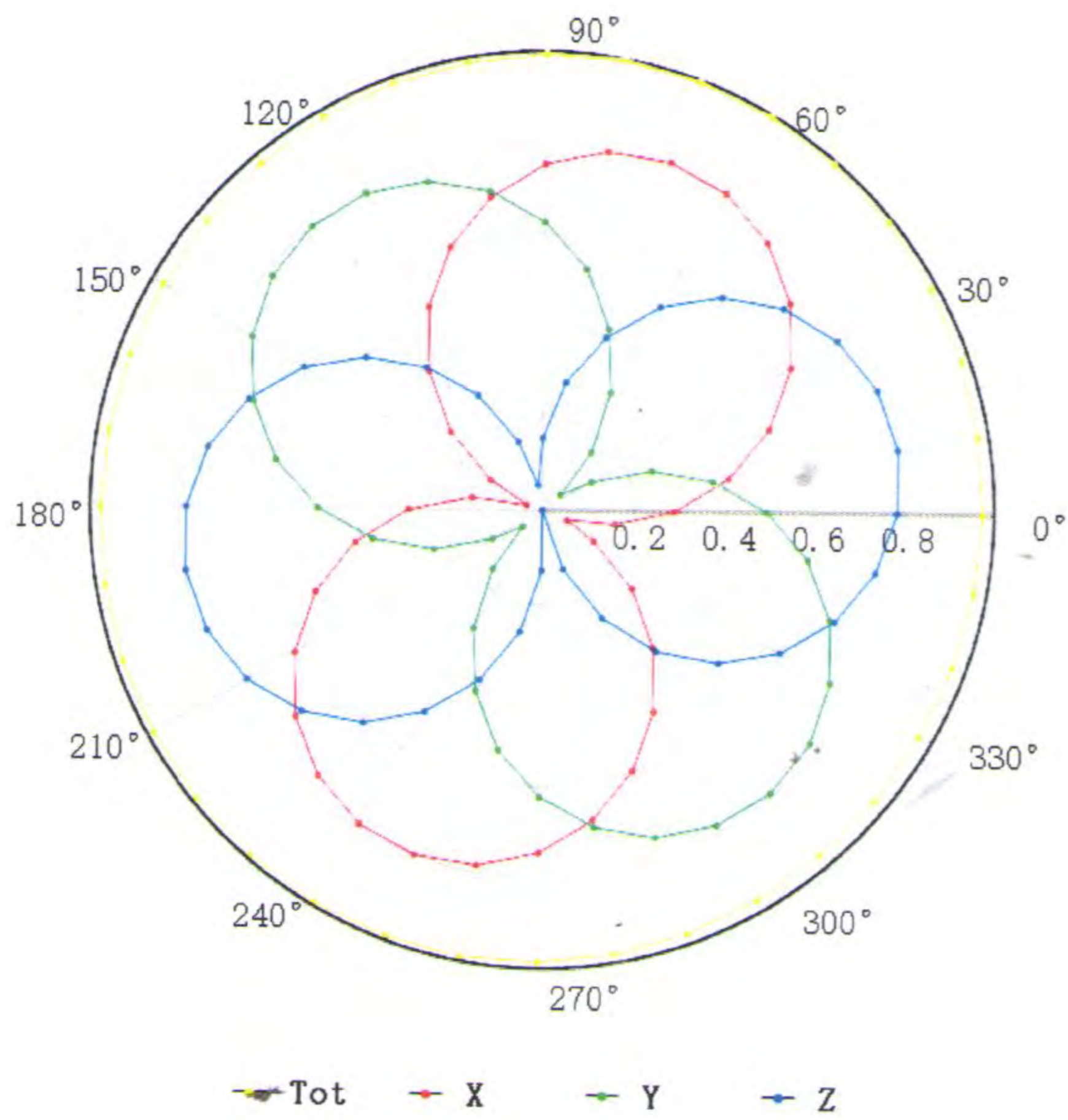


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Receiving Pattern (Φ), $\theta=0^\circ$

f=600 MHz, TEM

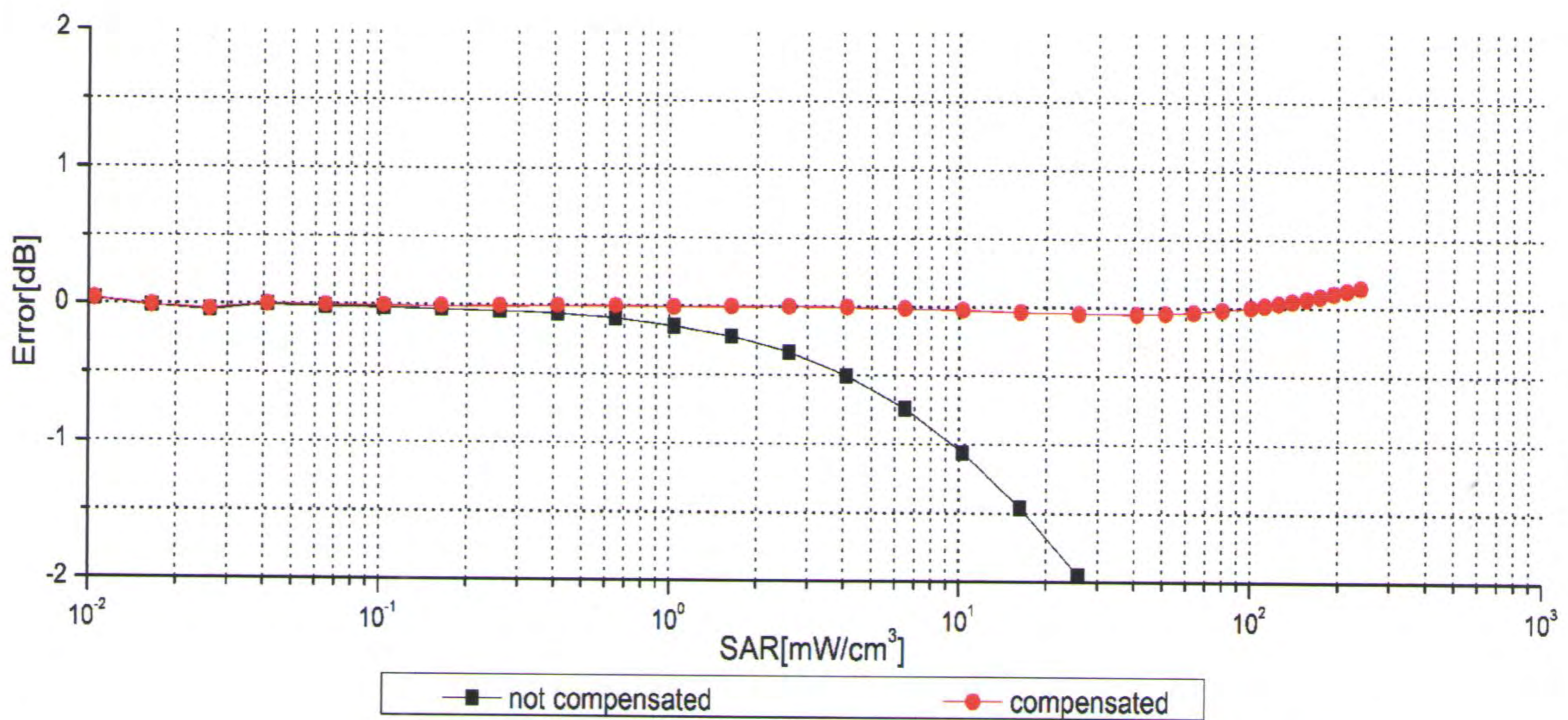
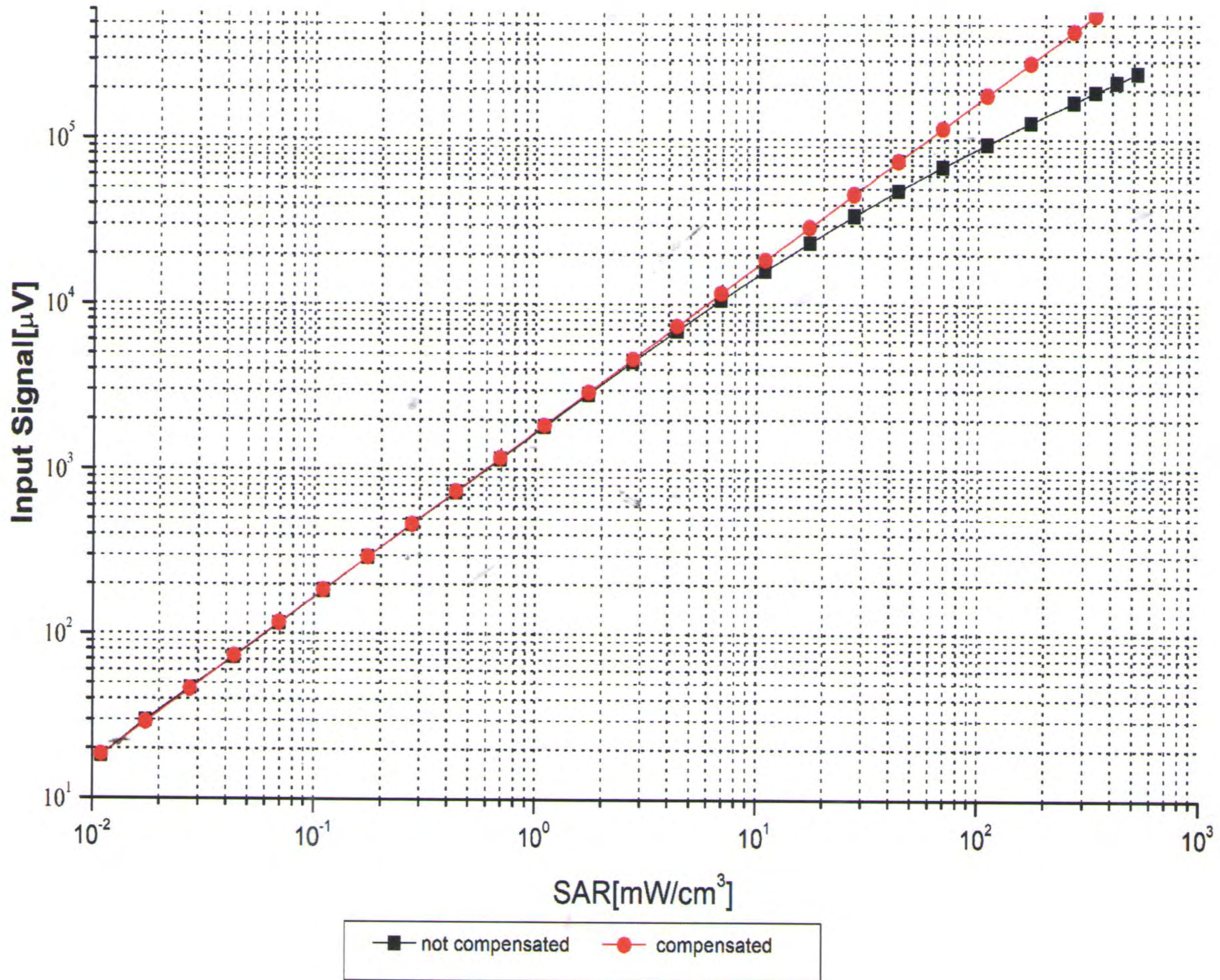
f=1800 MHz, R22



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



Dynamic Range f(SAR_{head}) (TEM cell, f = 900 MHz)



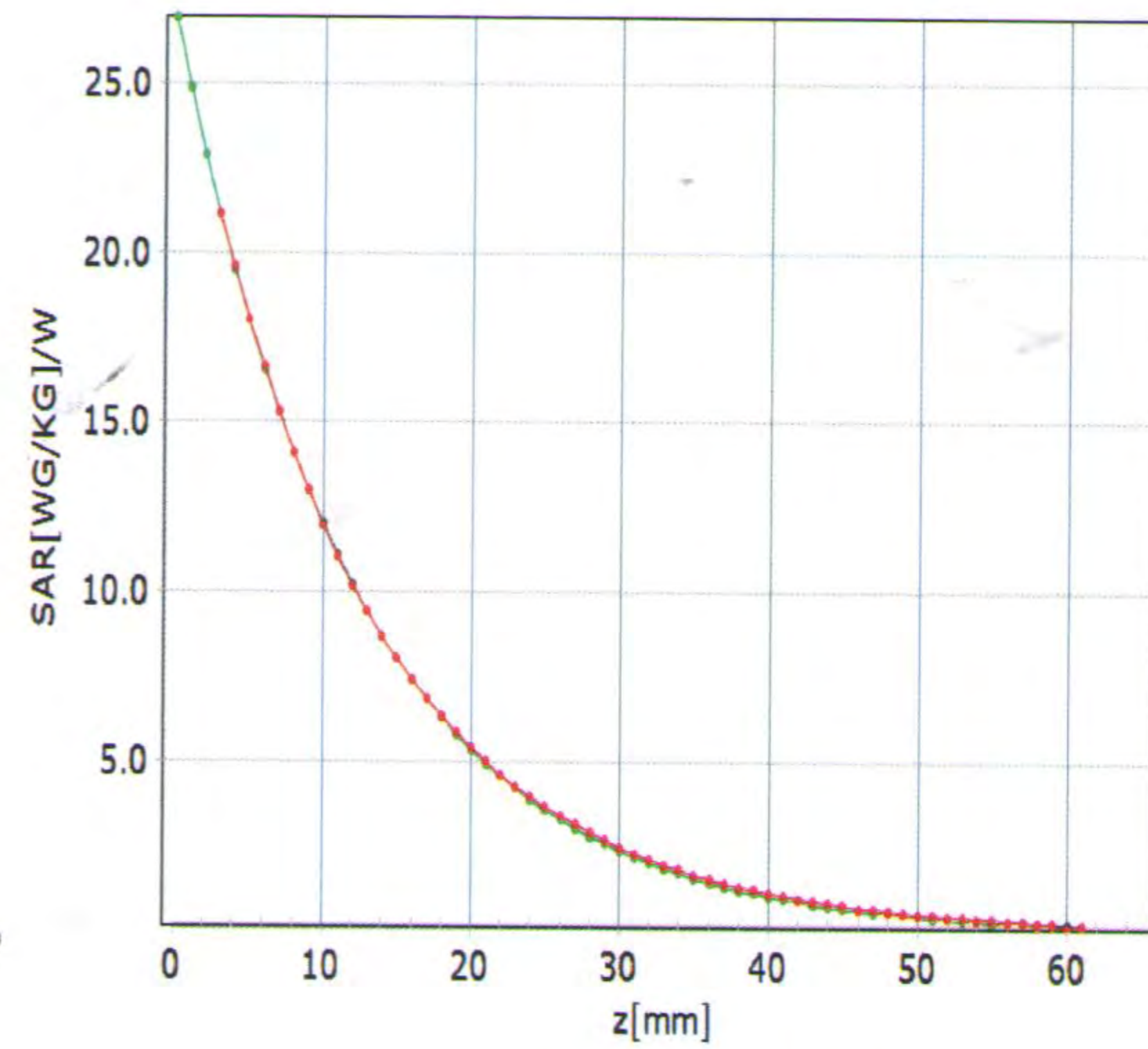
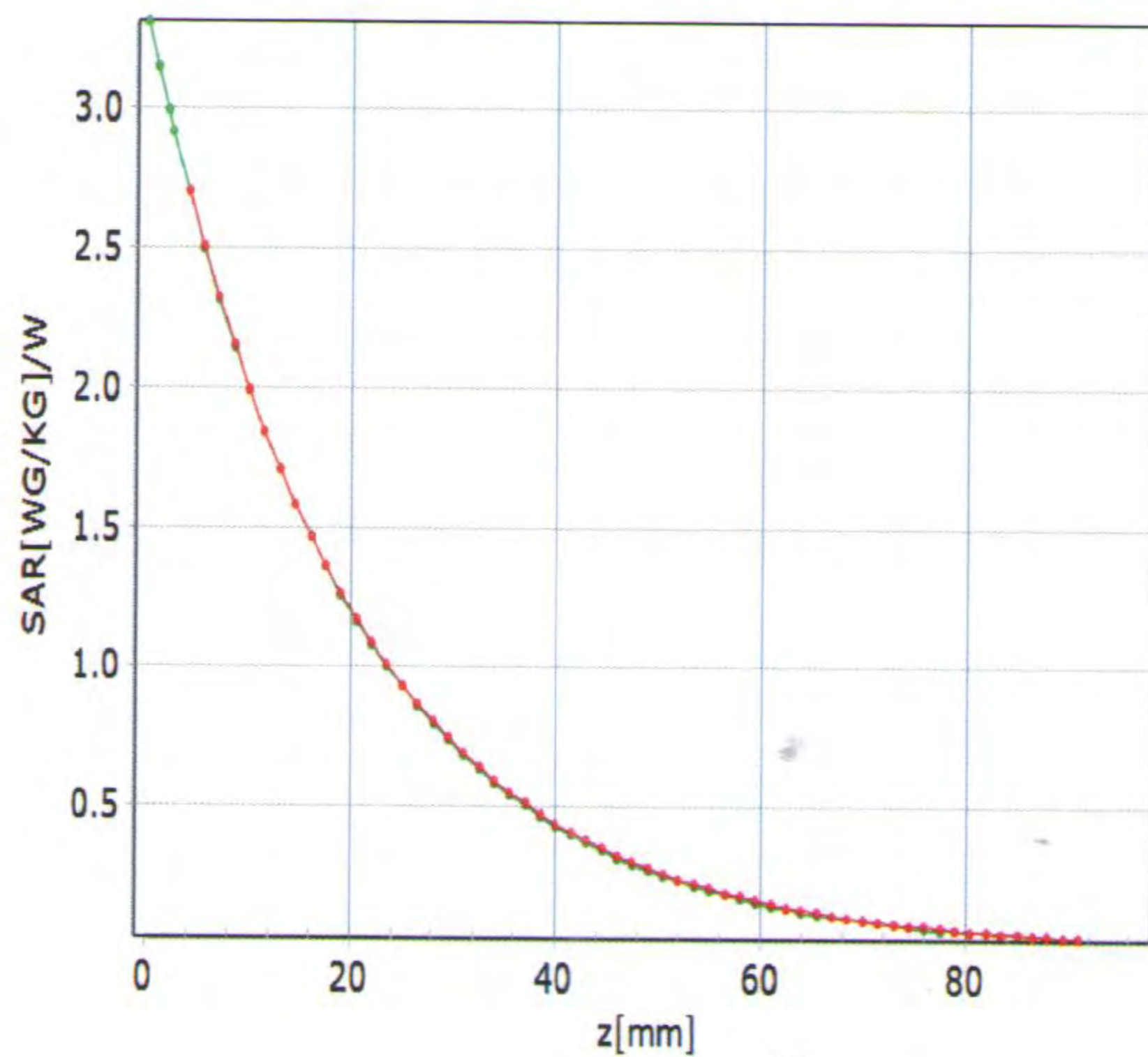
Uncertainty of Linearity Assessment: ±0.9% (k=2)



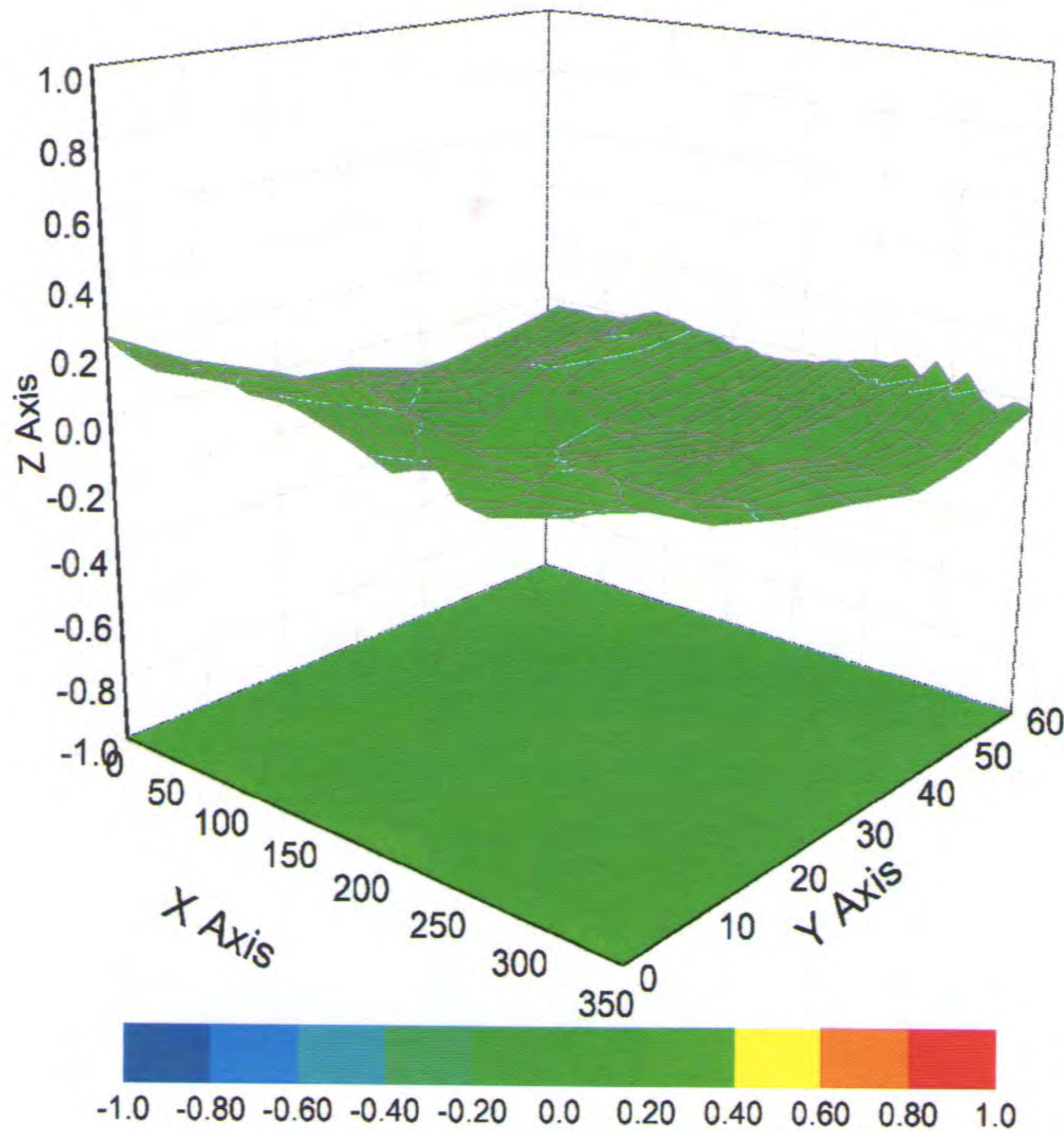
Conversion Factor Assessment

f=835 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)



In Collaboration with

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DASY/EASY – Parameters of Probe: EX3DV4 – SN:3962

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	151.2
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	10mm
Tip Diameter	2.5mm
Probe Tip to Sensor X Calibration Point	1mm
Probe Tip to Sensor Y Calibration Point	1mm
Probe Tip to Sensor Z Calibration Point	1mm
Recommended Measurement Distance from Surface	1.4mm

Dipole D3500V2 SN 1082					
Head Liquid					
Frequency(MHz)	Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$
3400	2019-09-06	-20.7	/	41.6	/
	2020-09-05	-20.9	0.97%	41.8	0.2 Ω
3500	2019-09-06	-29.1	/	48.5	/
	2020-09-05	-30.2	3.78%	49.7	1.2 Ω

Dipole D3700V2 SN 1046					
Head Liquid					
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$	
2019-09-06	-28.2	/	43.3	/	
2020-09-05	-29.1	3.19%	44.7	1.4 Ω	