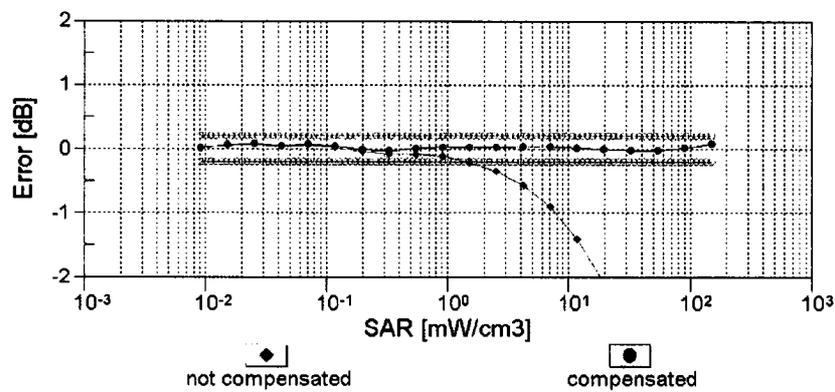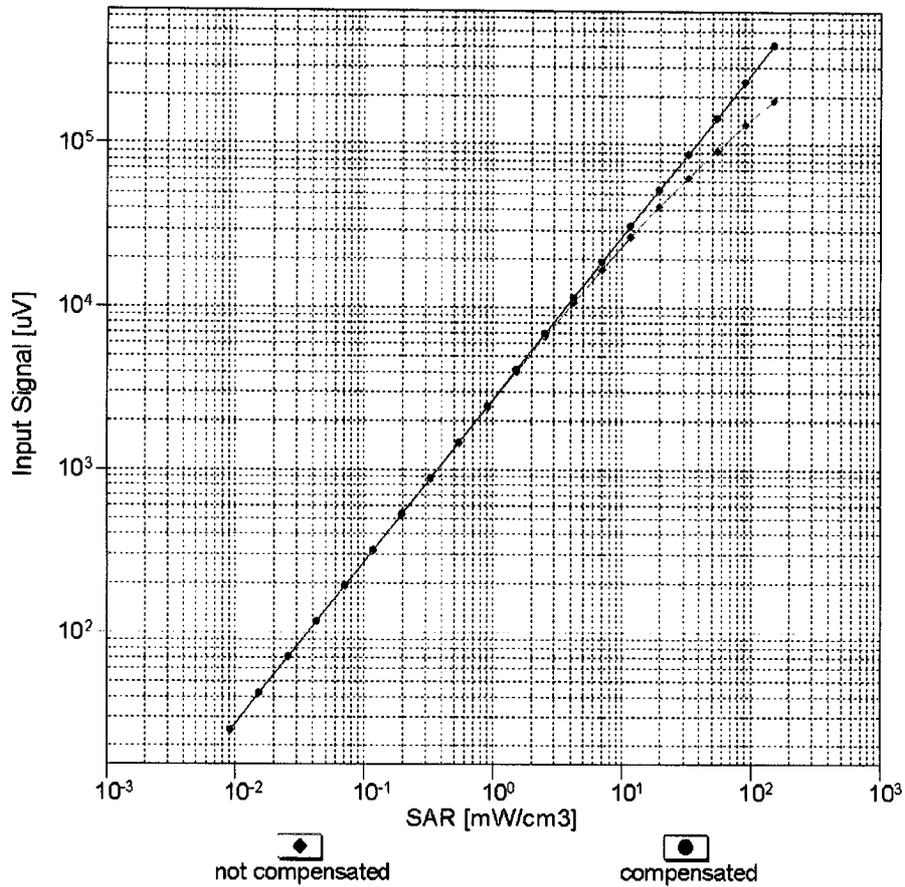# Receiving Pattern (φ), ϑ = 0°

f=600 MHz,TEM

f=1800 MHz,R22
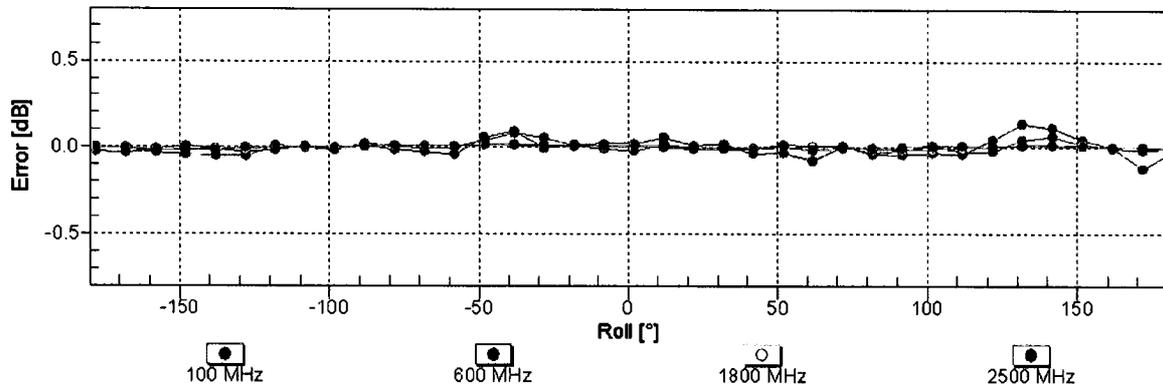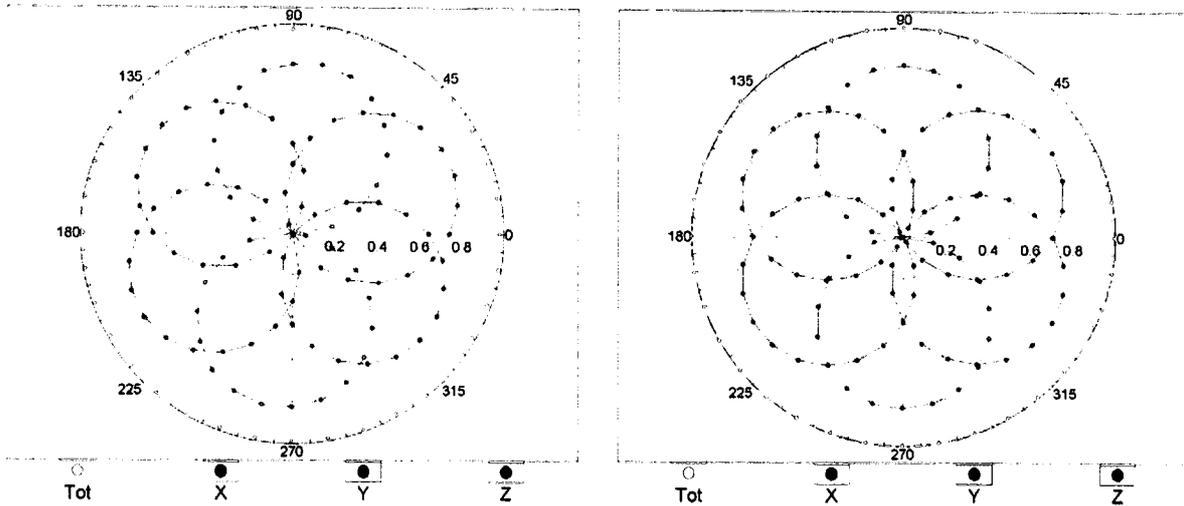
Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Dynamic Range f(SAR$_{head}$)
(TEM cell , f$_{eval}$= 1900 MHz)

Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment

f = 835 MHz,WGLS R9 (H_convF)

analytical   measured

f = 1900 MHz,WGLS R22 (H_convF)

analytical   measured
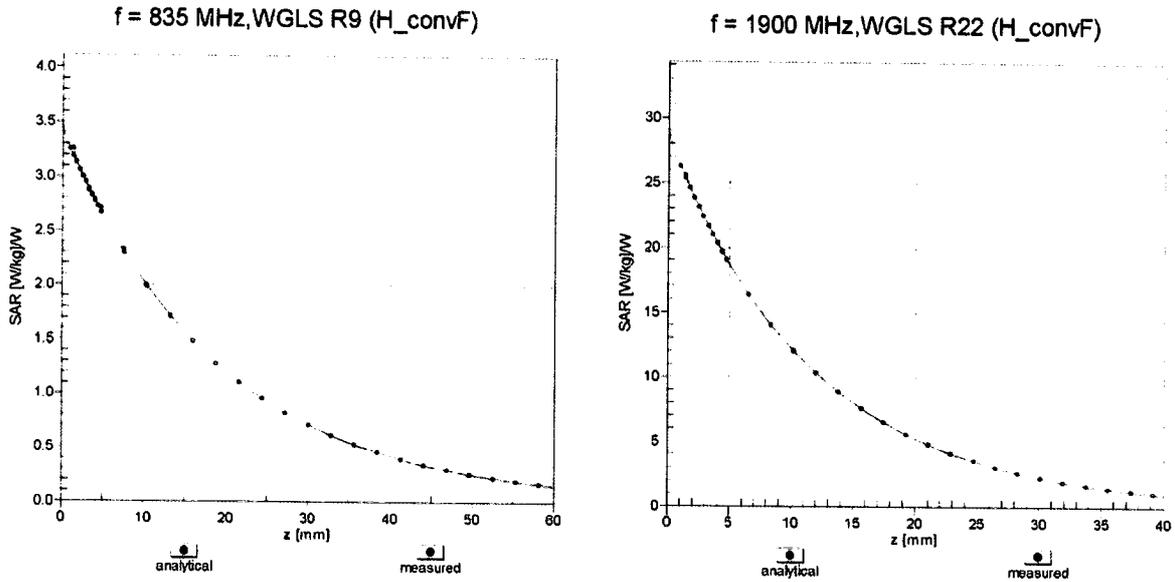
Deviation from Isotropy in Liquid
Error (ϕ, ϑ), f = 900 MHz
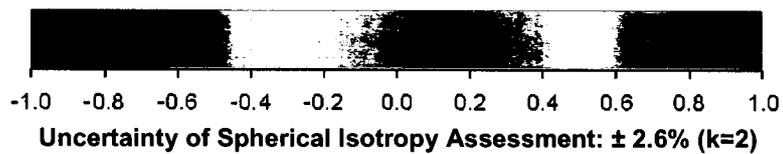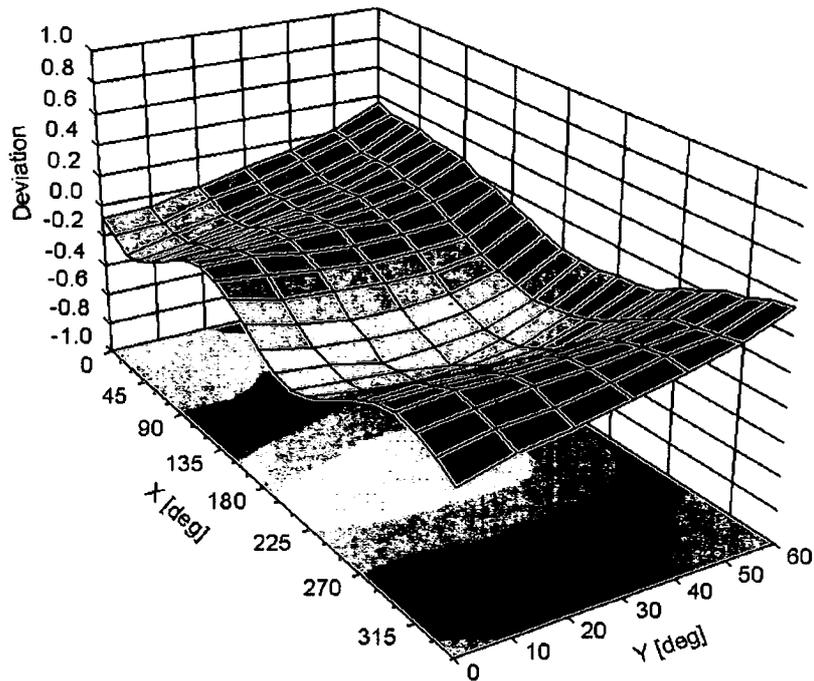
Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3911

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	81.9
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

s p e a g

CUSTOMER COPY

PROBE REPAIR REPORT – SPEAG Production Center

PRODUCT:	EX3DV4		
SERIAL Nr.:	3911	IN DATE:	14-Sep-2015
CUSTOMER:	Sporton CN (Auden)		

PROBE REPAIR MATERIAL	WORK DESCRIPTION				WORKING TIME (h)	
Proximity Sensor (PEEK)	fixed O	exchanged O	.... O			hours
Core replacement:	fixed O	exchanged O	.... O			hours
Dipole sensor:	fixed O	exchanged O	.... O			hours
Substrate:	fixed O	exchanged O	.... O			hours
Components (diodes)	fixed O	exchanged O	Y-channel X		0.50	hours
Components (capacitors)	fixed O	exchanged O	O			hours
Bonding R-lines - substrate	fixed O	exchanged O	.... O			hours
Probe tip:	fixed O	exchanged O	.... O			hours
Probe connector:	fixed O	exchanged O	.... O			hours
Probe tube	fixed O	exchanged O	.... O			hours
Modification DS installed:	fixed O	installed O	.... O			hours
Analysis:						hours
Final Assembly:					2.00	hours
Total hours					**2.50**	hours

COMMENTS:

The probe was returned for repair. Receiving inspecition found low response on Y channel. The probe was opened for further inspection. The Y channel diode was found to be defective. In order to re establish full probe functionality the Y channel diode was replaced. The probe will get newly calibrated after this repair.

CONDUCTED BY:	I.V. *(signature)*	APPROVED BY:	*(signature)*
DATE:	17-Sep-2015	DATE:	17-Sep-2015

REPAIR COST:			USD		Euro	
	MATERIAL COST:	free	O		O	
	REPAIR:	free	O		O	

TOTAL COST:	S+M	QUOTATION #:	-

APPROVED BY:	*(signature)*
DATE:	17-Sep-2015