

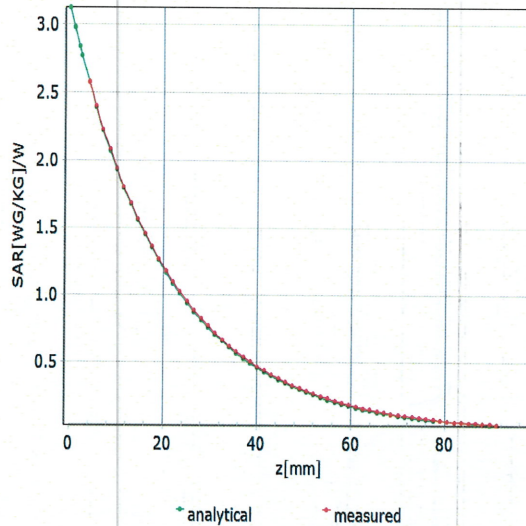


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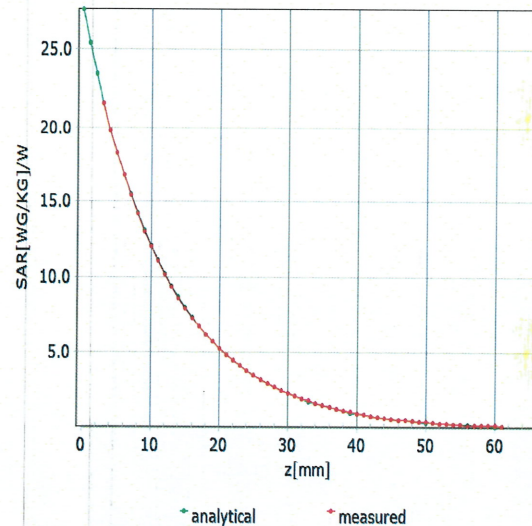
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Conversion Factor Assessment

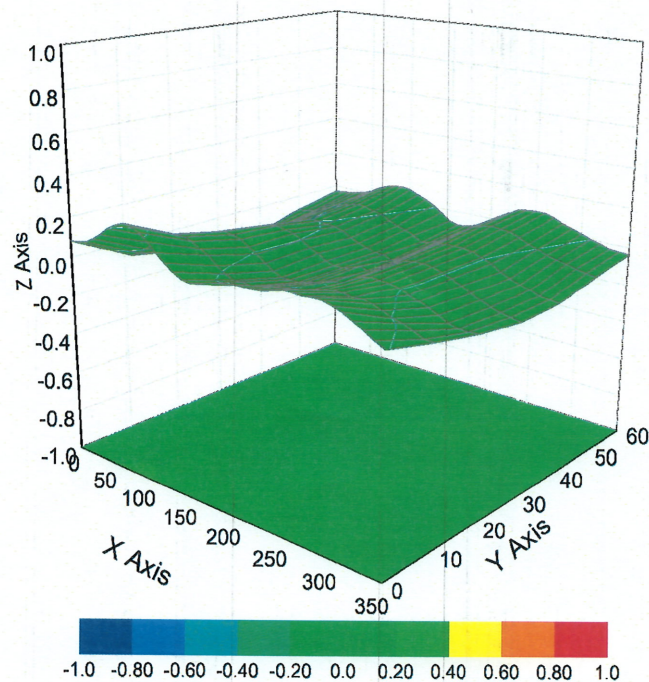
f=750 MHz,WGLS R9(H_convF)



f=1750 MHz,WGLS R22(H_convF)



Deviation from Isotropy in Liquid



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



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DASY/EASY – Parameters of Probe: EX3DV4 – SN:3982

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	170.7
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	9mm
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 D835V2 SN 4d256				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$
2020-04-15	-33.2	/	49.5	/
2021-04-14	-34.1	2.71%	50.6	1.1 Ω

Dipole D1750V2 SN 1105				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$
2020-08-29	-30.8	/	51.5	/
2021-08-28	-29.6	3.90%	52.3	1.7 Ω

Dipole D1900V2 SN 5d114				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$
2020-08-27	-23.2	/	51.9	/
2021-08-26	-24.3	4.74%	52.6	0.7 Ω

Dipole D2450V2 SN 1038				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$
2020-04-08	-30.5	/	52.3	/
2021-04-07	-31.7	3.93%	53.6	1.3 Ω

Dipole D5GHzV2 SN 1174				
5250MHz Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$
2020-08-27	-23.3	/	46.7	/
2021-08-26	-23.7	1.72%	46.2	0.5 Ω
5600MHz Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$
2020-08-27	-26.1	/	55.1	/
2021-08-26	-26.5	1.53%	54.8	0.3 Ω
5750MHz Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	$\Delta\Omega$
2020-08-27	-26.6	/	51.5	/
2021-08-26	-27.1	1.88%	50.9	0.6 Ω