In Collaboration with
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CALIBRATION LABORATORY
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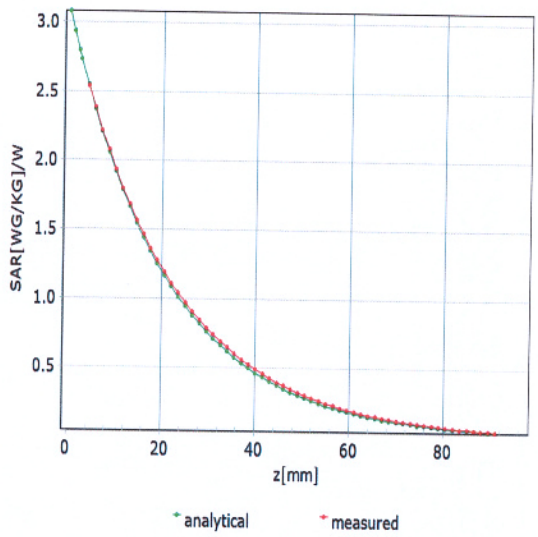
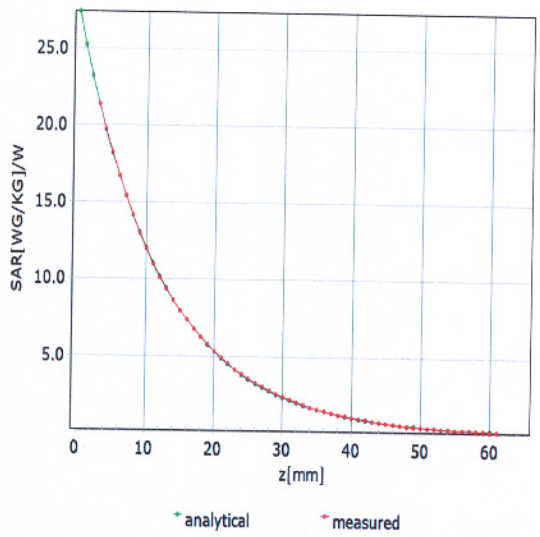
Conversion Factor Assessment

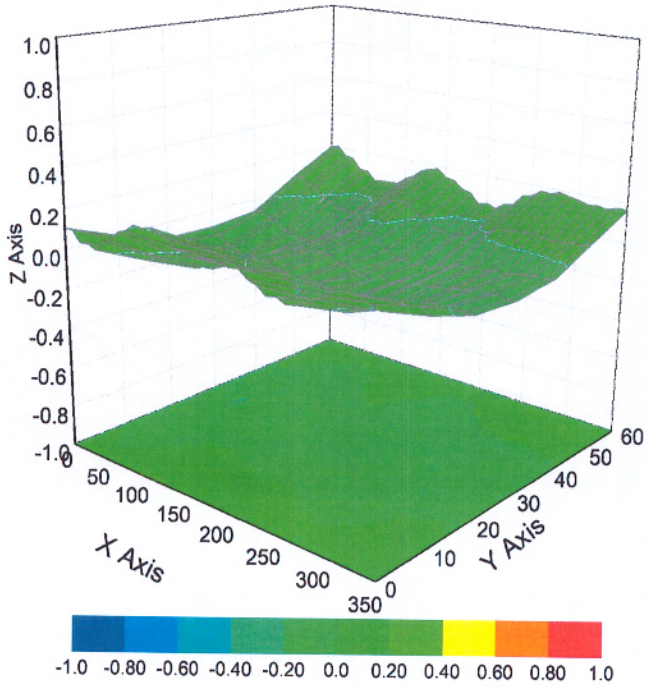
f=750 MHz,WGLS R9(H_convF)



f=1750 MHz,WGLS R22(H_convF)



Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: ±3.2% (*k*=2)

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DASY/EASY – Parameters of Probe: EX3DV4 – SN:7515

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	175.7
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 D2450V2 SN 817				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019/6/10	-28.5	/	52.3	/
2020/6/9	-29.3	2.81%	54.3	2.0Ω
2021/6/8	-29.2	2.46%	54	1.7Ω
Body Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019/6/10	-26.6	/	48.7	/
2020/6/9	-27.5	3.38%	49.6	0.9Ω
2021/6/8	-27.3	2.63%	49.5	0.8Ω

Dipole D5GHzV2 SN 1095 for 5250MHz				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019/6/14	-31.6	/	49.3	/
2020/6/13	-32.4	2.53%	50.5	1.2Ω
2021/6/12	-32.6	3.16%	50.7	1.4Ω
Body Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019/6/14	-34.5	/	48.5	/
2020/6/13	-35.2	2.03%	49.9	1.4Ω
2021/6/12	-35.4	2.61%	45	1.5Ω

Dipole D5GHzV2 SN 1095 for 5600MHz				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019/6/14	-22.5	/	57.9	/
2020/6/13	-23.2	3.11%	58.6	0.7Ω
2021/6/12	-23.3	3.56%	58.7	0.8Ω
Body Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019/6/14	-20.7	/	59.2	/
2020/6/13	-21.3	2.90%	60.4	1.2Ω
2021/6/12	-21.2	2.42%	60.3	1.1Ω

Dipole D5GHzV2 SN 1095 for 5750MHz				
Head Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019/6/14	-32.4	/	51.8	/
2020/6/13	-33.5	3.40%	52.7	0.9Ω
2021/6/12	-33.6	3.70%	52.9	1.1Ω
Body Liquid				
Date of Measurement	Return Loss(dB)	Δ %	Impedance (Ω)	ΔΩ
2019/6/14	-35.8	/	51.6	/
2020/6/13	-36.3	1.40%	52.9	1.3Ω
2021/6/12	-36.5	1.96%	53	1.4Ω