Page 1 of 1

Date/Time: 02/09/04 15:58:45

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN5d041

Communication System: CW-1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Muscle 1900 MHz;

Medium parameters used: f = 1900 MHz; $\sigma = 1.58$ mho/m; $\varepsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 SN1507; ConvF(4.57, 4.57, 4.57); Calibrated: 1/23/2004
- · Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 SN411; Calibrated: 11/6/2003
- Phantom: SAM with CRP TP1006; Type: SAM 4.0; Serial: TP:1006;
- Measurement SW: DASY4, V4.2 Build 25; Postprocessing SW: SEMCAD, V1.8 Build 101

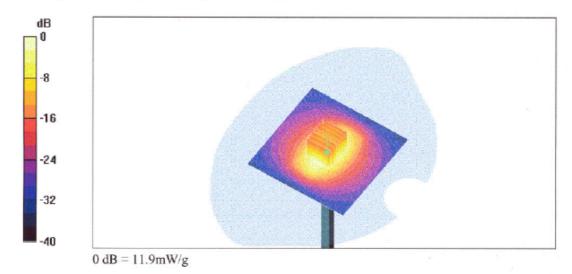
Pin = 250 mW; d = 10 mm/Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm Reference Value = 92.6 V/m; Power Drift = 0.0 dB Maximum value of SAR (interpolated) = 11.8 mW/g

Pin = 250 mW; d = 10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.6 V/m; Power Drift = 0.0 dB

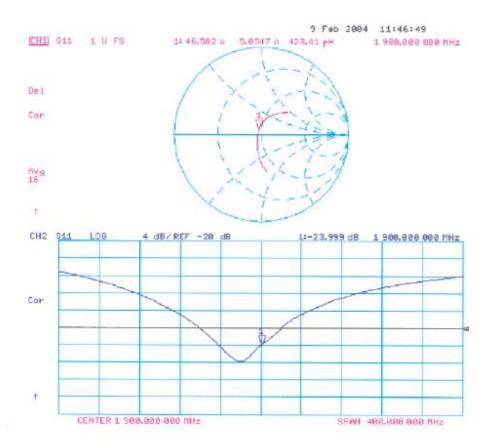
Maximum value of SAR (measured) = 11.9 mW/g

Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.49 mW/g









Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurlch, Switzerland



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Client Sporton (Auden)

Certificate No: ET3-1788 Sep04

Accreditation No.: SCS 108

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CALIBRATION C	ERTIFICAT		
Object	ET3DV6 - SN:1	788	
Calibration procedure(s)	QA CAL-01.v5 Calibration proc	edure for dosimetric E-field probes	
Calibration date:	September 30,	2004	
Condition of the calibrated item	In Tolerance		
	etad in the closed laborate	tory facility: environment temperature (22 ± 3)°C and	d humidity < 70%.
			•
Calibration Equipment used (M&			Scheduled Calibration
Calibration Equipment used (M&	TE critical for calibration)	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388)	Scheduled Calibration May-05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A	TE critical for calibration) ID # GB41293874 MY41495277	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00388)	Scheduled Calibration May-05 May-05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator	ID # GB41293874 MY41495277 SN: S5054 (3c)	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00388) 3-Apr-03 (METAS, No. 251-00403)	Scheduled Calibration May-05 May-05 Aug-05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b)	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00388) 3-Apr-03 (METAS, No. 251-00403) 3-May-04 (METAS, No. 251-00389)	Scheduled Calibration May-05 May-05 Aug-05 May-05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference 30 dB Attenuator	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b) SN: S5129 (30b)	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00388) 3-Apr-03 (METAS, No. 251-00403) 3-May-04 (METAS, No. 251-00389) 3-Apr-03 (METAS, No. 251-00404)	Scheduled Calibration May-05 May-05 Aug-05 May-05 Aug-05 Aug-05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference 30 dB Attenuator Reference Probe ES3DV2	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b)	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00388) 3-Apr-03 (METAS, No. 251-00403) 3-May-04 (METAS, No. 251-00389)	Scheduled Calibration May-05 May-05 Aug-05 May-05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b) SN: S5129 (30b) SN: S5129 SN: 617	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00388) 3-Apr-03 (METAS, No. 251-00403) 3-May-04 (METAS, No. 251-00409) 3-Apr-03 (METAS, No. 251-00404) 8-Jan-04 (SPEAG, No. ES3-3013_Jan04) 26-May-04 (SPEAG, No. DAE4-617_May04) Check Date (in house)	Scheduled Calibration May-05 May-05 Aug-05 Aug-05 Aug-05 Jan-05 May-05 Scheduled Check
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference 90 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power sensor HP 8481A	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b) SN: S5129 (30b) SN: 3013 SN: 617 ID # MY41092180	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00403) 3-Apr-03 (METAS, No. 251-00403) 3-Apr-03 (METAS, No. 251-00404) 8-Jan-04 (SPEAG, No. ES3-3013_Jan04) 26-May-04 (SPEAG, No. DAE4-617_May04) Check Date (in house) 18-Sop-02 (SPEAG, in house check Oct-03)	Scheduled Calibration May-05 May-05 Aug-05 Aug-05 Aug-05 Jan-05 May-05 Scheduled Check In house check: Oct 05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference 30 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power sonsor HP 8481A RF generator HP 8648C	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b) SN: S5129 (30b) SN: S517 ID # MY41092180 US3642U01700	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00403) 3-Apr-03 (METAS, No. 251-00403) 3-Apr-03 (METAS, No. 251-00404) 8-Jan-04 (SPEAG, No. ES3-3013_Jan04) 26-May-04 (SPEAG, No. DAE4-617_May04) Check Date (in house) 18-Sep-02 (SPEAG, in house check Dec-03)	Scheduled Calibration May-05 May-05 Aug-05 Aug-05 Aug-05 Jan-05 May-05 Scheduled Check In house check: Oct 05 In house check: Dec-05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference 30 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power sonsor HP 8481A RF generator HP 8648C	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b) SN: S5129 (30b) SN: 3013 SN: 617 ID # MY41092180	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00403) 3-Apr-03 (METAS, No. 251-00403) 3-Apr-03 (METAS, No. 251-00404) 8-Jan-04 (SPEAG, No. ES3-3013_Jan04) 26-May-04 (SPEAG, No. DAE4-617_May04) Check Date (in house) 18-Sop-02 (SPEAG, in house check Oct-03)	Scheduled Calibration May-05 May-05 Aug-05 Aug-05 Aug-05 Jan-05 May-05 Scheduled Check In house check: Oct 05
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power sensor HP 8481A RF generator HP 8648C	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b) SN: S5129 (30b) SN: S517 ID # MY41092180 US3642U01700	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00403) 3-Apr-03 (METAS, No. 251-00403) 3-Apr-03 (METAS, No. 251-00404) 8-Jan-04 (SPEAG, No. ES3-3013_Jan04) 26-May-04 (SPEAG, No. DAE4-617_May04) Check Date (in house) 18-Sep-02 (SPEAG, in house check Dec-03)	Scheduled Calibration May-05 May-05 Aug-05 May-05 Aug-05 Jan-05 May-05 Scheduled Check In house check: Oct 05 In house check: Dec-05 In house check: Nov 04 Signature
Calibration Equipment used (M& Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power sensor HP 8481A RF generator HP 8648C Network Analyzer HP 8753E	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b) SN: S5129 (30b) SN:3013 SN: 617 ID # MY41092180 US3642U01700 US37390585	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00388) 3-Apr-03 (METAS, No. 251-00403) 3-May-04 (METAS, No. 251-00389) 3-Apr-03 (METAS, No. 251-00404) 8-Jan-04 (SPEAG, No. ES3-3013_Jan04) 26-May-04 (SPEAG, No. DAE4-617_May04) Check Date (in house) 18-Sop-02 (SPEAG, in house check Oct-03) 4-Aug-99 (SPEAG, in house check Nov-03)	Scheduled Calibration May-05 May-05 Aug-05 May-05 Aug-05 Jan-05 May-05 Scheduled Check In house check: Oct 05 In house check: Dec-05 In house check: Nov 04 Signature
All calibrations have been conduct Calibration Equipment used (M&T Primary Standards Power meter E4419B Power sensor E4412A Reference 3 dB Attenuator Reference 20 dB Attenuator Reference 30 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power sensor HP 8481A RF generator HP 8648C Network Analyzer HP 8753E Calibrated by:	ID # GB41293874 MY41495277 SN: S5054 (3c) SN: S5086 (20b) SN: S5129 (30b) SN:3013 SN: 617 ID # MY41092180 US3642U01700 US37390585 Name	Cal Date (Calibrated by, Certificate No.) 5-May-04 (METAS, No. 251-00388) 5-May-04 (METAS, No. 251-00403) 3-May-04 (METAS, No. 251-00403) 3-May-04 (METAS, No. 251-00389) 3-Apr-03 (METAS, No. 251-00404) 8-Jan-04 (SPEAG, No. ES3-3013_Jan04) 26-May-04 (SPEAG, No. DAE4-617_May04) Check Date (in house) 18-Sop-02 (SPEAG, in house check Oct-03) 4-Aug-99 (SPEAG, in house check Nov-03) Function	Scheduled Calibration May-05 May-05 Aug-05 Aug-05 Jan-05 Jan-05 May-05 Scheduled Check In house check: Oct 05 In house check: Nov 04

Certificate No: ET3-1788_Sep04

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Accreditation No.: SCS 108

Glossary:

TSL

tissue simulating liquid

NORMx,y,z ConF

sensitivity in free space sensitivity in TSL / NORMx,y,z

DCP

diode compression point

Polarization φ Polarization 9 φ rotation around probe axis

9 rotation around an axis that is in the plane normal to probe axis (at

measurement center), i.e., 9 = 0 is normal to probe axis

Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2003, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", December 2003
- b) CENELEC EN 50361, "Basic standard for the measurement of Specific Absorption Rate related to human exposure to electromagnetic fields from mobile phones (300 MHz - 3 GHz), July 2001

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization 9 = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not effect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This
 linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of
 the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep (no uncertainty required). DCP does not depend on frequency nor media.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY 4.3 B17 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.

Certificate No: ET3-1788_Sep04



ET3DV6 SN:1788

September 30, 2004

Probe ET3DV6

SN:1788

Manufactured:

May 28, 2003

Last calibrated:

August 29, 2003

Recalibrated: September 30, 2004

Calibrated for DASY Systems

(Note: non-compatible with DASY2 system!)

Certificate No: ET3-1788_Sep04

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ET3DV6 SN:1788

September 30, 2004

DASY - Parameters of Probe: ET3DV6 SN:1788

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Diode Compression^B

NormX	1.68 ± 9.9%	$\mu V/(V/m)^2$	DCP X	94 mV
NormY	1.70 ± 9.9%	$\mu V/(V/m)^2$	DCP Y	94 mV
NormZ	1.74 ± 9.9%	$\mu V/(V/m)^2$	DCP Z	94 mV

Sensitivity in Tissue Simulating Liquid (Conversion Factors)

Please see Page 8.

Boundary Effect

TSL

900 MHz

Typical SAR gradient: 5 % per mm

Sensor Cente	er to Phantom Surface Distance	3.7 mm	4.7 mm
SAR _{be} [%]	Without Correction Algorithm	8.1	4.4
SAR _{be} [%]	With Correction Algorithm	0.7	0.1

TSL

1810 MHz Typical SAR gradient: 10 % per mm

Sensor Cente	r to Phantom Surface Distance	3.7 mm	4.7 mm
SAR _{be} [%]	Without Correction Algorithm	12.0	8.2
SAR _{be} [%]	With Correction Algorithm	0.9	0.1

Sensor Offset

Probe Tip to Sensor Center

2.7 mm

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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 $^{^{\}text{A}}$ The uncertainties of NormX,Y,Z do not affect the E $^{\text{2}}$ -field uncertainty inside TSL (see Page 8).

^B Numerical linearization parameter: uncertainty not required.

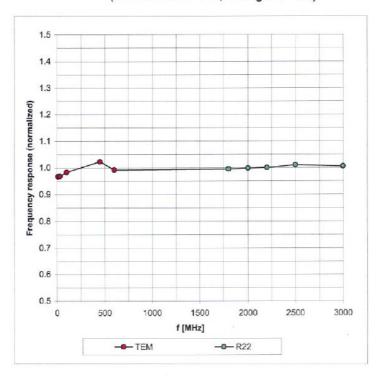


ET3DV6 SN:1788

September 30, 2004

Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide: R22)



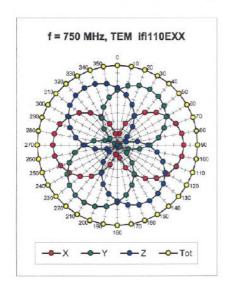
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

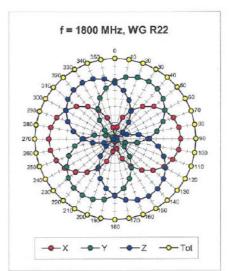


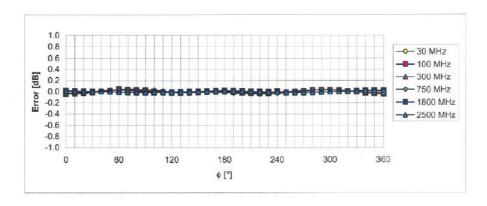
ET3DV6 SN:1788

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Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$







Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

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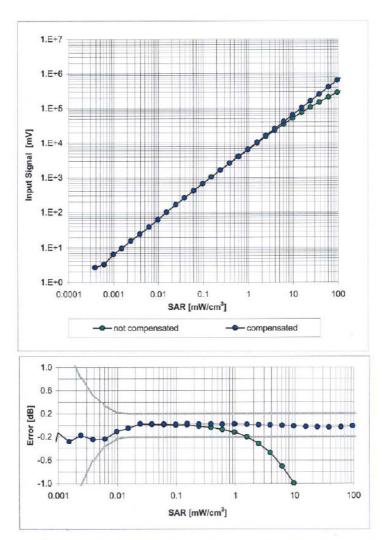
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ET3DV6 SN:1788

September 30, 2004

Dynamic Range f(SAR_{head})

(Waveguide R22, f = 1800 MHz)



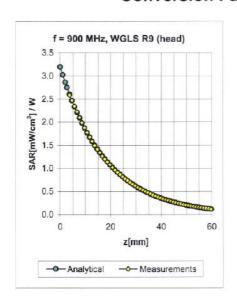
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

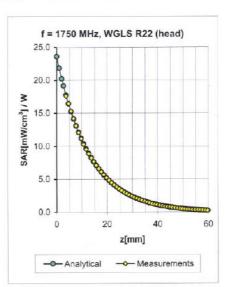
Certificate No: ET3-1788_Sep04

ET3DV6 SN:1788

September 30, 2004

Conversion Factor Assessment





f [MHz]	Validity [MHz] ^c	TSL	Permittivity	Conductivity	Alpha	Depth	ConvF Uncertainty
835	± 50 / ± 100	Head	41.5 ± 5%	0.90 ± 5%	1.12	1.42	6.74 ± 11.0% (k=2)
900	$\pm 50 / \pm 100$	Head	41.5 ± 5%	0.97 ± 5%	1.07	1.44	6.63 ± 11.0% (k=2)
1750	$\pm 50 / \pm 100$	Head	$40.0 \pm 5\%$	1.40 ± 5%	0.56	2.31	5.37 ± 11.0% (k=2)
1900	± 50 / ± 100	Head	40.0 ± 5%	1.40 ± 5%	0.55	2.42	5.16 ± 11.0% (k=2)
2000	$\pm 50 / \pm 100$	Head	40.0 ± 5%	1.40 ± 5%	0.54	2.59	4.88 ± 11.0% (k=2)
2450	± 50 / ± 100	Head	$39.2 \pm 5\%$	1.80 ± 5%	0.65	2.22	4.56 ± 11.8% (k=2)
835	± 50 / ± 100	Body	55.2 ± 5%	$0.97 \pm 5\%$	1.04	1.52	6.53 ± 11.0% (k=2)
900	± 50 / ± 100	Body	55.0 ± 5%	1.05 ± 5%	0.99	1.56	6.17 ± 11.0% (k=2)
1750	± 50 / ± 100	Body	53.3 ± 5%	1.52 ± 5%	0.53	2.74	4.73 ± 11.0% (k=2)
1900	± 50 / ± 100	Body	53.3 ± 5%	1.52 ± 5%	0.55	2.82	4.56 ± 11.0% (k=2)
2000	± 50 / ± 100	Body	53.3 ± 5%	1.52 ± 5%	0.54	2.98	4.43 ± 11.0% (k=2)
2450	± 50 / ± 100	Body	52.7 ± 5%	1.95 ± 5%	0.72	2.00	4.26 ± 11.8% (k=2)

 $^{^{\}rm C}$ The validity of \pm 100 MHz only applies for DASY 4.3 B17 and higher (see Page 2). The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

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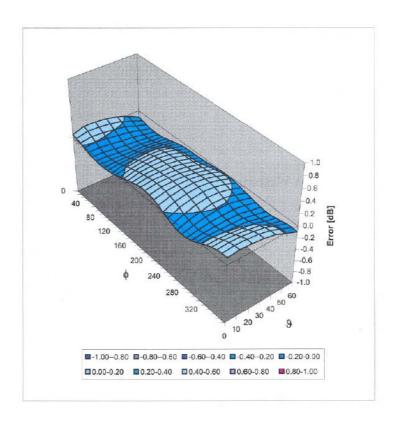


ET3DV6 SN:1788

September 30, 2004

Deviation from Isotropy in HSL

Error (φ, θ), f = 900 MHz



Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)



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Continue No. DAES 577 Nov04

Accreditation No.: SCS 108

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, LIDIOTION O	ERTIFICATE		
Dbject	DAE3 - SD 000 D	03 AA - SN: 577	
Calibration procedure(s)	QA CAL-06.v10 Calibration proced	dure for the data acquisition unit (D	DAE)
Calibration date:	November 17, 200	04	
Condition of the calibrated item	In Tolerance		
The measurements and the uncert	tainties with confidence pro	anal standards, which realize the physical units obability are given on the following pages and a	are part of the certificate.
All calibrations have been conduct		y facility: environment temperature (22 ± 3)°C a	nd humidity < 70%.
	ID#	Cal Date (Calibrated by, Certificate No.)	Cabadidad Calibration
rimary Standards	10 //		Scheduled Calibration
		7-Sep-04 (Sintrel, No.E-040073)	Sep-05
luke Process Calibrator Type 702			
luke Process Calibrator Type 702 Secondary Standards	2 SN: 6295803	7-Sep-04 (Sintrel, No.E-040073)	Sep-05
Fluke Process Calibrator Type 702 Secondary Standards	2 SN: 6295803	7-Sep-04 (Sintrel, No.E-040073) Check Date (in house)	Sep-05 Scheduled Check
Fluke Process Calibrator Type 702 Secondary Standards	2 SN: 6295803	7-Sep-04 (Sintrel, No.E-040073) Check Date (in house)	Sep-05 Scheduled Check
Primary Standards Fluke Process Callibrator Type 702 Secondary Standards Callibrator Box V1.1	2 SN: 6295803	7-Sep-04 (Sintrel, No.E-040073) Check Date (in house)	Sep-05 Scheduled Check
Fluke Process Calibrator Type 702 Secondary Standards	SN: 6295803 ID # SE UMS 006 AB 1002	7-Sep-04 (Sintrel, No.E-040073) Check Date (in house) 16-Jul-04 (SPEAG, in house check)	Sep-05 Scheduled Check In house check Jul-05
Fluke Process Calibrator Type 702 Secondary Standards	2 SN: 6295803	7-Sep-04 (Sintrel, No.E-040073) Check Date (in house)	Sep-05 Scheduled Check
Fluke Process Calibrator Type 702 Secondary Standards Calibrator Box V1.1	SN: 6295803 ID # SE UMS 006 AB 1002 Name	7-Sep-04 (Sintrel, No.E-040073) Check Date (in house) 16-Jul-04 (SPEAG, in house check) Function	Sep-05 Scheduled Check In house check Jul-05

Certificate No: DAE3-577_Nov04 Page 1 of 5



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Swiss Calibration Service

Accreditation No.: SCS 108

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Glossary

DAE

digital acquisition electronics

Connector angle

information used in DASY system to align probe sensor X to the robot

coordinate system.

Methods Applied and Interpretation of Parameters

- DC Voltage Measurement: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- Connector angle: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters contain technical information as a result from the performance test and require no uncertainty.
- DC Voltage Measurement Linearity: Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
- Common mode sensitivity: Influence of a positive or negative common mode voltage on the differential measurement.
- Channel separation: Influence of a voltage on the neighbor channels not subject to an input voltage.
- AD Converter Values with inputs shorted: Values on the internal AD converter corresponding to zero input voltage
- Input Offset Measurement: Output voltage and statistical results over a large number of zero voltage measurements.
- Input Offset Current: Typical value for information; Maximum channel input offset current, not considering the input resistance.
- Input resistance: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
- Low Battery Alarm Voltage: Typical value for information. Below this voltage, a battery alarm signal is generated.
- Power consumption: Typical value for information. Supply currents in various operating modes.

Certificate No: DAE3-577 Nov04