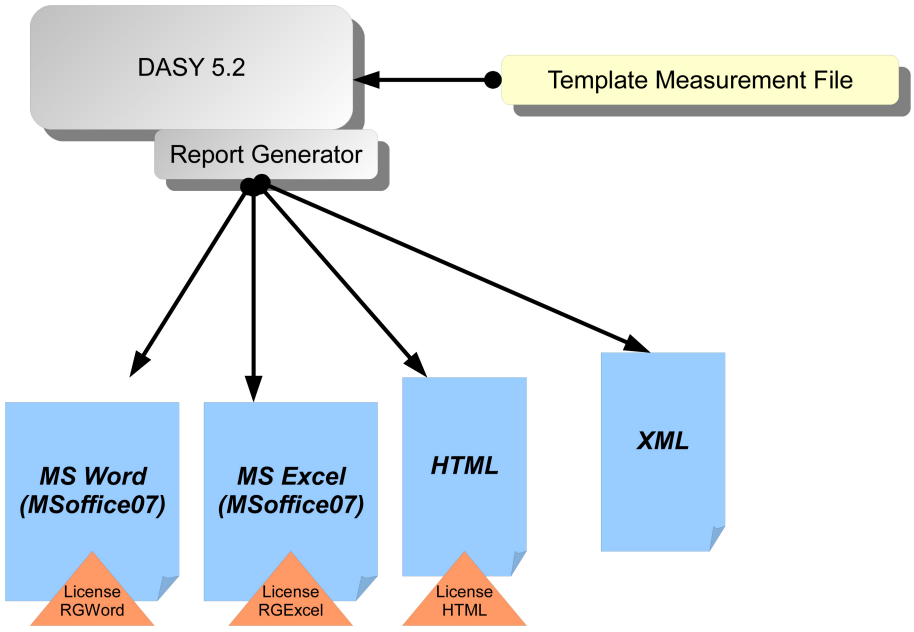
Chapter 29

DASY5 Report Generator

29.1 DASY5.2 Report Generator

The great advantage of the new DASY5.2 structure is that all measurements required to demonstrate compliance with SAR or HAC regulations are collected in a single container, i.e., there is one .da52 measurement file per phone. In addition, all information essential for the report but not generated by measurement can be entered or imported (e.g., Excel file), and photos to be included can be collected in a dedicated folder. By all information being available in one place, SPEAG has implemented a feature that simplifies the task of archiving and saves considerable time, namely, the automatic generation of the company-specific reports. Based on your report template SPEAG will develop the 'RGtemplate' according to which the report will be automatically generated as an editable MS Word file. As an example, the standard report of the IT'IS Foundation is included below.



In addition, we also provide an exporter that generates a database entry for each of the measurements following a customer-specified format.

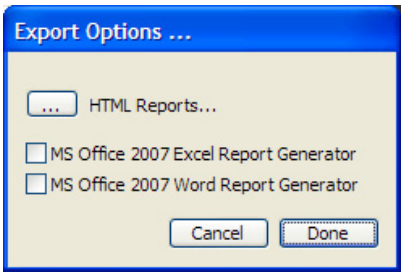
If you are interested in receiving an offer for these features that simplify the task of archiving and save considerable time, please contact info@speag.com.

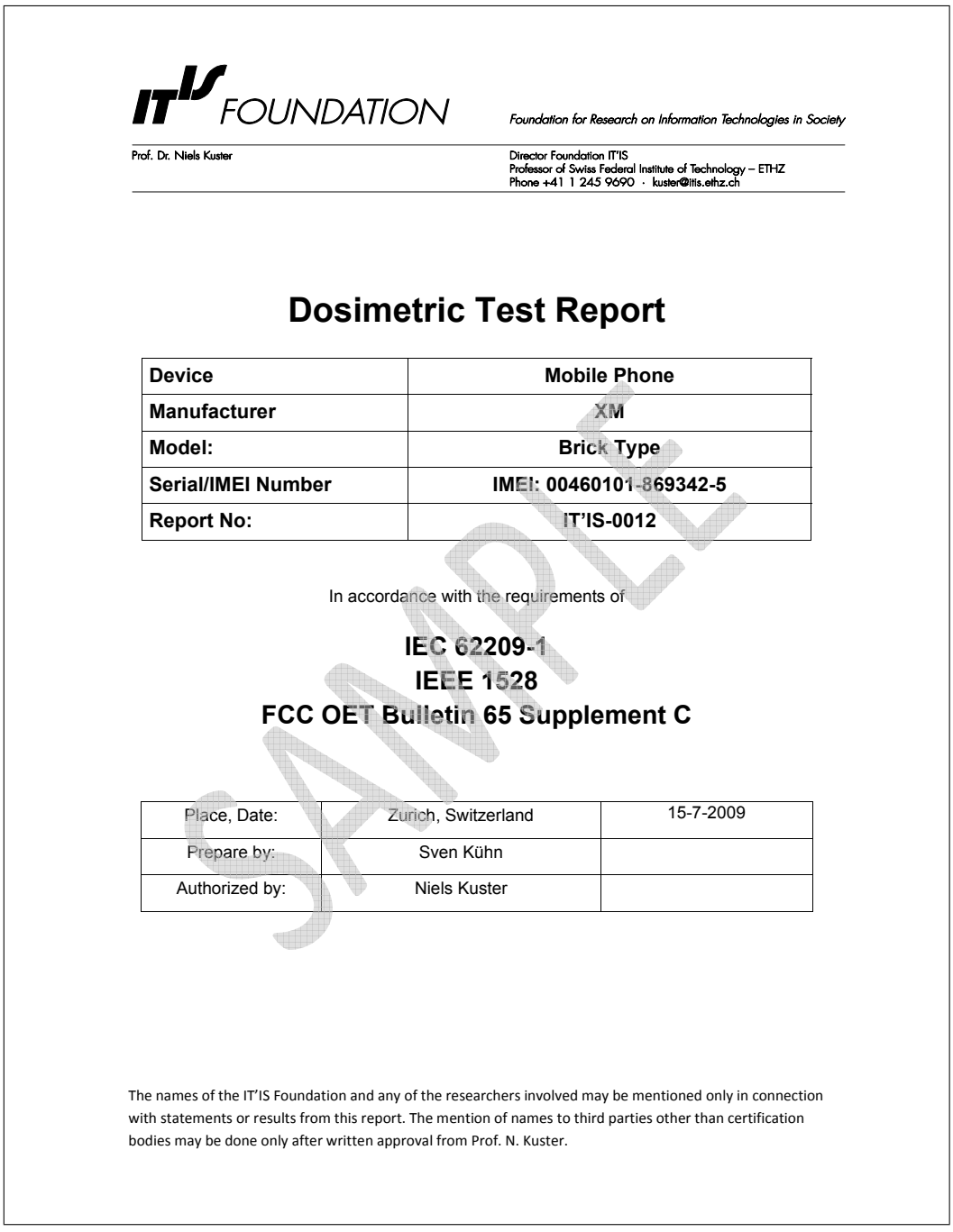
29.2 Generation of the Report

Go to 'File — DASY5.2 Report Generator', and the dialog shown in Figure 29.2 will appear. Three different report generator formats are offered:

- *Produce Excel*: Produces an excel file containing all information associated with one measurements. This file can serve as a data base for any measurements conducted for future reference. On special request, customer-specified formats can be provied.
- *Word Report Generator*: Produces a MS Word document out of a template previously provided by the customer.
- *HTML*: HTML summary of the measures contained in the *.da52 RGtemplate file.

The prerequisite conditions are that the RGTemplate has been properly configured, the measurement completed, corresponding files imported and attributes properly filled out. All of it can be completed with a few clicks. The manual 'How to Generate a Customer-Specific Report' will be provided together with the RGTemplate.





IT'IS FOUNDATION

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Dosimetric Test Report

Device	**Mobile Phone**
Manufacturer	**XM**
Model:	**Brick Type**
Serial/IMEI Number	**IMEI: 00460101-869342-5**
Report No:	**IT'IS-0012**

In accordance with the requirements of

IEC 62209-1
IEEE 1528
FCC OET Bulletin 65 Supplement C

Place, Date:	Zurich, Switzerland	15-7-2009
Prepare by:	Sven Kühn	
Authorized by:	Niels Kuster	

Figure 29.1: Example report based on the RGTemplate of the IT'IS Foundation

Dosimetric Test Report of Generic Phone

Executive Summary

The purpose of this study is to evaluate the exposure of

Device:	Mobile Phone
Manufacturer:	XM
Model:	Commercially bought phone
Serial/IMEI Number:	IMEI: 00460101-869342-5

with applicable limits defined in terms of the peak 1g and peak 10g spatial average SAR.

In accordance with the following standards and guidelines:

- IEC 62209-1 [1]
- IEEE 1528-2003 [2]
- FCC OET Bulletin 65 Supplement C [3]

The results can be summarized such that:

- The maximum spatial peak SAR values for the samples of the EUT averaged over 10 g assessed in all the positions were **0.754 mW/g ±19.8%** for the GSM-FDD (TDMA, GMSK), channel 251 which is in compliance with the requirements defined in IEC 62209-1.
- The maximum spatial peak SAR values for the samples of the EUT averaged over 1 g assessed in all the positions were **1.090 mW/g ±19.9%** for the GSM-FDD (TDMA, GMSK), channel 251 which is in compliance with the requirements defined in IEEE 1528 and FCC OET Supplement C.

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Figure 29.2: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

Contents

Figure 29.3: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

1 Purpose of Study

The purpose of this study is to evaluate the compliance of the equipment under test (EUT) as defined in Section 3 with applicable limits defined in terms of the peak 1g and peak 10g spatial average SAR.

2 Applicable Standards

- IEC 62209-1, Specific Absorption Rate (SAR) in the Frequency Range of 300 to 3 GHz – Measurement Procedure, Part 1: Hand-held mobile wireless communication devices, February 2005 [1]
- IEEE 1528-2003, Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices: Experimental Techniques, December 2003 [2]
- Federal Communications Commission Office of Engineering & Technology (FCC OET), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields; Additional Information for Evaluating Compliance of Mobile and Portable Devices with FCC Limits for Human Exposure to Radiofrequency Emissions", Supplement C (Edition 01-01) to Bulletin 65 [3]

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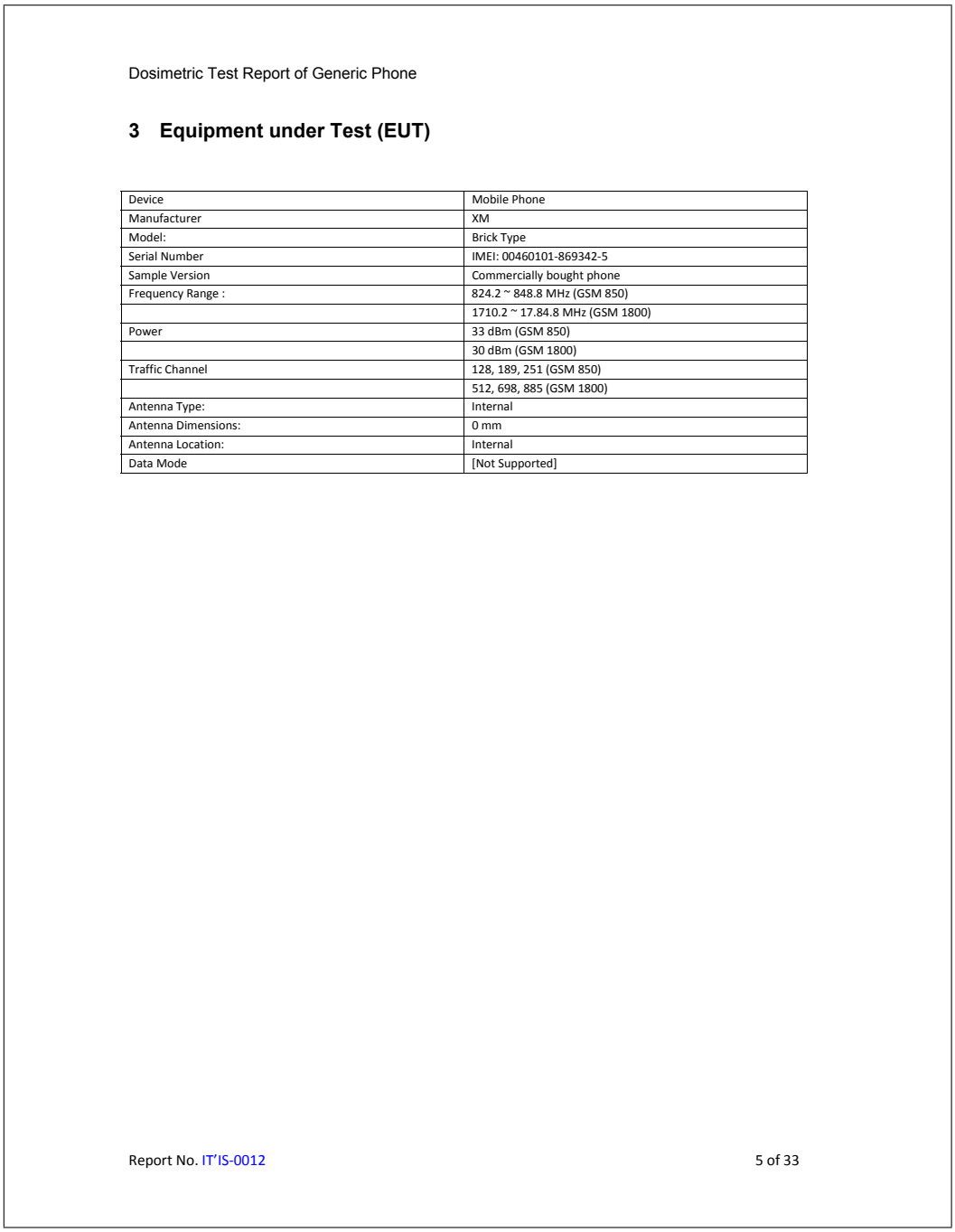
Figure 29.4: Example report based on the RGTemplate of the IT'IS Foundation (cont.)



Dosimetric Test Report of Generic Phone

3 Equipment under Test (EUT)

Device	Mobile Phone
Manufacturer	XM
Model:	Brick Type
Serial Number	IMEI: 00460101-869342-5
Sample Version	Commercially bought phone
Frequency Range :	824.2 ~ 848.8 MHz (GSM 850)
	1710.2 ~ 17.84.8 MHz (GSM 1800)
Power	33 dBm (GSM 850)
	30 dBm (GSM 1800)
Traffic Channel	128, 189, 251 (GSM 850)
	512, 698, 885 (GSM 1800)
Antenna Type:	Internal
Antenna Dimensions:	0 mm
Antenna Location:	Internal
Data Mode	[Not Supported]

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Figure 29.5: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

4 Test Laboratory

Location	IT'IS Foundation Laboratory
Certification	Dosimetric Evaluation Class C
Certification #	SCS xxx
Test Engineer	Sven Kühn
QA Manager	Niels Kuster

5 Measurement System

The measurements were performed with the latest equipment for near-field evaluations. The test procedure applied corresponds to the ones defined in QA document of the Accreditation. A photograph of the setup is provided in Figure 1. The detailed equipment description is given in Table 2 and Table 3.

Figure 1: DASY5 dosimetric assessment system (SPEAG, Zurich)

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Figure 29.6: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

Manufacturer	Type	Serial Number	Calibration Due Date
Stäubli	TX90 XL	F99/5A80A1/A/02	Not Required
SPEAG	System Software	DASY5, V5.2 Build 133	Not Required
		SEMCAD-X, V14.0 Build 41	
SPEAG	Twin-SAM Phantom	TP-1085	Not Required
SPEAG	Probe - EX3DV3	3515	mar-10
SPEAG	DAE4	355	apr-10
SPEAG	Dipole - D835V2	465	mar-10
SPEAG	Dipole - D1800V2	2d092	mar-10
Manufacturer	Type	Serial Number	Calibration Due Date
R&S	Power Meter	NRP	oct-09
R&S	Power Sensor	NRP-Z91	oct-09
Agilent	Signal Generator	E8251A	oct-09
R&S	Base Station Simulator	CMU 200	Not Required
AR	Amplifier	10S1G4A	Not Required
Agilent	Directional Coupler	778D	Not Required

Table 2: List of System Equipment

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Figure 29.7: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

6 Test Conditions and System Verification

6.1 Ambient Environment

The ambient environment is regulated using the HIROSS air-conditioning system. The noise level is periodically verified by conducting measurements without the EUT. The parameters displayed in Table 4 were recorded.

Temperature (environment)	22° ±1° C
Humidity:	20 – 50%
Noise:	< 12 µW / g

Table 4: Ambient environment

6.2 Tissue Simulating Liquid

The dielectric parameters of the head simulating liquid were controlled prior to assessment using the HP85070A dielectric probe kit. The dielectric parameters were measured for the frequency range 300 MHz - 6 GHz with 50 MHz steps between the measurement points. Then polynomials of the fifth order were calculated through the results for each dielectric parameter. These polynomials were used to calculate the dielectric parameters for the test frequencies. Table 5 shows that the dielectric parameters and the temperature of the liquid were within the required 10% tolerances.

Liquid	Freq[MHz]	Target Rel. Permittivity	Measured Rel. Permittivity	Diff[%]	Target Conductivity[S/m]	Measured Conductivity[S/m]	Diff[%]	Liquid Temp(C)
Head	1710.20	40.14	39.62	1.29	1.346	1.353	0.56	22.1
Head	1747.40	40.08	39.60	1.20	1.368	1.368	0.02	22.1
Head	1784.80	40.02	39.59	1.07	1.390	1.391	0.04	22.1
Head	1800	40.00	39.59	1.02	1.400	1.400	0.06	22.1
Head	824.20	41.55	42.27	1.72	0.900	0.935	3.93	22.1
Head	835	41.50	42.24	1.79	0.900	0.935	3.97	22.1
Head	836.60	41.50	42.24	1.78	0.902	0.935	3.73	22.1
Head	848.60	41.50	42.21	1.71	0.918	0.936	1.97	22.1

Table 5: Tissue Simulating Parameters

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Figure 29.8: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

6.3 System Performance Check

Prior to the assessment, the system validation kit (calibrated standard dipole) was used to test whether the system was operating within its specifications. The validation was performed corresponding bands and the data were compared to the calibrated data. The results are summarized in Table 6 and 7. The deviation is less than 10% for all cases, indicating that the system performance check was within tolerance.

System Validation Kit	Tissue	Targeted SAR_{1g}(mW/g)	Measured SAR_{1g} (mW/g)	Deviation (%)	Date	Liquid Temperature(°C)
Dipole 835 MHz 465	Head	0.960	0.971	1.18	15/7/2009	22.1
Dipole 1800 MHz 2d092	Head	3.840	3.92	2.16	15/7/2009	22.1

Table 6: System Performance Check

Figure 29.9: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

7 Test Results

Mode	Ch[MHz]	Level	Side	Position	SAR1g[W/Kg]	Unc%	SAR10g[W/Kg]	Unc%	Config	Date
GSM-FDD (TDMA, GMSK)	824.2	5	Right	Touch	1.010	19.9	0.702	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	836.6	5	Right	Touch	1.010	19.9	0.706	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	836.6	5	Right	Tilt	0.507	19.9	0.361	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	848.6	5	Right	Touch	1.030	19.9	0.716	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	824.2	5	Left	Touch	1.070	19.9	0.738	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	836.6	5	Left	Touch	1.070	19.9	0.742	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	836.6	5	Left	Tilt	0.539	19.9	0.381	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	**848.6**	**5**	**Left**	**Touch**	**1.090**	19.9	**0.754**	19.8	**OFF**	**16/7/2009**
GSM-FDD (TDMA, GMSK)	1747.4	0	Right	Touch	0.655	19.9	0.415	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	1747.4	0	Right	Tilt	0.645	19.9	0.389	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	1747.4	0	Left	Touch	0.764	19.9	0.453	19.8	OFF	16/7/2009
GSM-FDD (TDMA, GMSK)	1747.4	0	Left	Tilt	0.772	19.9	0.452	19.8	OFF	16/7/2009

Table 7: SAR Measurements of the Generic Phone device

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Figure 29.10: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

8 Uncertainty Budget

The uncertainty has been determined according to the specific evaluation based on the approximation provided in [2] and [3]. The worst-case uncertainty for any measurement between 300 MHz and 6 GHz is provided in Annex C.

9 Compliance Statement

The maximum spatial peak SAR values for the samples of the EUT averaged over 10 g assessed in all the positions were **0.754 mW/g ±19.8%** for the GSM-FDD (TDMA, GMSK), channel 251 which is in compliance with the requirements defined in IEC 62209-1.

The maximum spatial peak SAR values for the samples of the EUT averaged over 1 g assessed in all the positions were **1.090 mW/g ±19.9%** for the GSM-FDD (TDMA, GMSK), channel 251 which is in compliance with the requirements defined in IEEE 1528.

10 References

[1] IEC 62209-1, Specific Absorption Rate (SAR) in the Frequency Range of 300 to 3 GHz – Measurement Procedure, Part 1: Hand-held mobile wireless communication devices, February 2005

[2] IEEE 1528-2003, Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices: Experimental Techniques, December 2003

[3] FCC OET Bulletin 65 Supplement C, Federal Communications Commission Office of Engineering & Technology (FCC OET), “Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields; Additional Information for Evaluating Compliance of Mobile and Portable Devices with FCC Limits for Human Exposure to Radiofrequency Emissions”, Supplement C (Edition 01-01) to Bulletin 65

Figure 29.11: Example report based on the RGTemplate of the IT’IS Foundation (cont.)

APPENDIX A: Photographs

Figure 29.12: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Figure 29.13: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Figure 29.14: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

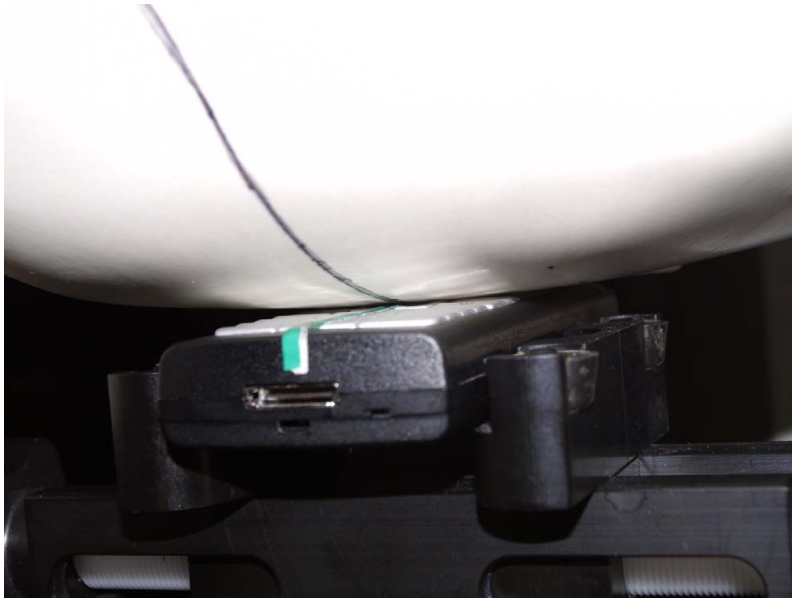

Figure 29.15: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

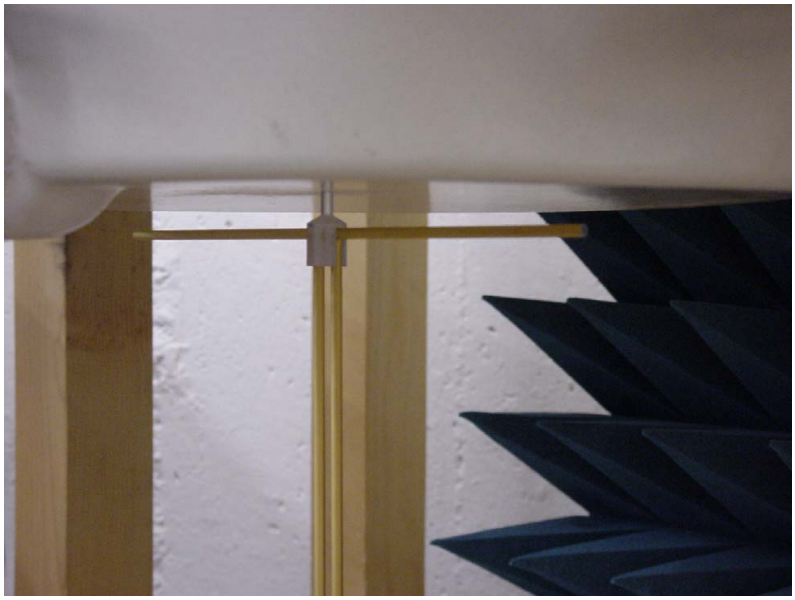

Figure 29.16: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

APPENDIX B: Uncertainty Tables

Worst-Case Uncertainty 0.3 - 3 GHz

Error Description	Unc. ±%	Prob. dist.	div	c_i^1 (1g)	c_i^1 (10g)	Std.Unc. (1g)	Std.Unc. (10g)	v_i^2 or v_{eff}
Measurement System								
Probe Calibration	5.50%	N	1	1	1	5.5%	5.5%	∞
Axial Isotropy	4.70%	R	√3	0.9	0.9	2.4%	2.4%	∞
Hemispherical Isotropy	9.60%	R	√3	0.4	0.4	2.4%	2.4%	∞
Boundary Effects	1.00%	R	√3	1	1	0.6%	0.6%	∞
Linearity	4.70%	R	√3	1	1	2.7%	2.7%	∞
Modulation	2.40%	R	√3	1	1	1.4%	1.4%	∞
System Detection Limit	1.00%	R	√3	1	1	0.6%	0.6%	∞
Readout Electronics	0.30%	N	1	1	1	0.3%	0.3%	∞
Response Time	0.80%	R	√3	1	1	0.5%	0.5%	∞
Integration Time	2.60%	R	√3	1	1	1.5%	1.5%	∞
RF Ambient Noise	1.00%	R	√3	1	1	0.6%	0.6%	∞
RF Ambient Reflections	1.00%	R	√3	1	1	0.6%	0.6%	∞
Probe Positioner	0.40%	R	√3	1	1	0.2%	0.2%	∞
Probe Positioning	2.90%	R	√3	1	1	1.7%	1.7%	∞
Max. SAR Eval.	1.00%	R	√3	1	1	0.6%	0.6%	∞
Test Sample Related								
Device Positioning	2.90%	N	1	1	1	2.9%	2.9%	145
Device Holder	3.60%	N	1	1	1	3.6%	3.6%	5
Power Drift	5.00%	R	√3	1	1	2.9%	2.9%	∞
Phantom and Setup								
Phantom Uncertainty	4.00%	R	√3	1	1	2.3%	2.3%	∞
SAR correction for deviations in conductivity and permittivity (target)	1.90%	R	√3	1	0.84	1.1%	0.9%	∞
Liquid Conductivity (meas.)	2.50%	N	1	0.78	0.71	2.0%	1.8%	∞
Liquid Permittivity (meas.)	2.50%	N	1	0.23	0.26	0.6%	0.7%	∞
Liquid conductivity – temperature uncertainty	1.70%	R	√3	0.78	0.71	0.8%	0.7%	
Liquid permittivity – temperature uncertainty	0.30%	R	√3	0.23	0.26	0.0%	0.0%	
Combined Std. Uncertainty						10.0%	9.9%	283
Expanded Std. Uncertainty						**19.9%**	**19.8%**	

Figure 29.17: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Worst-Case Uncertainty 3 - 6 GHz

Error Description	Unc. ±%	Prob. dist.	div	c_i^1 (1g)	c_i^1 (10g)	Std.Unc. (1g)	Std.Unc. (10g)	v_i^2 or v_{eff}
Measurement System								
Probe Calibration	6.55%	N	1	1	1	6.6%	6.6%	∞
Axial Isotropy	4.70%	R	√3	0.9	0.9	2.4%	2.4%	∞
Hemispherical Isotropy	9.60%	R	√3	0.4	0.4	2.4%	2.4%	∞
Boundary Effects	1.00%	R	√3	1	1	0.6%	0.6%	∞
Linearity	4.70%	R	√3	1	1	2.7%	2.7%	∞
Modulation	2.40%	R	√3	1	1	1.4%	1.4%	∞
System Detection Limit	1.00%	R	√3	1	1	0.6%	0.6%	∞
Readout Electronics	0.30%	N	1	1	1	0.3%	0.3%	∞
Response Time	0.80%	R	√3	1	1	0.5%	0.5%	∞
Integration Time	2.60%	R	√3	1	1	1.5%	1.5%	∞
RF Ambient Noise	1.00%	R	√3	1	1	0.6%	0.6%	∞
RF Ambient Reflections	1.00%	R	√3	1	1	0.6%	0.6%	∞
Probe Positioner	0.80%	R	√3	1	1	0.5%	0.5%	∞
Probe Positioning	6.70%	R	√3	1	1	3.9%	3.9%	∞
Max. SAR Eval.	4.00%	R	√3	1	1	2.3%	2.3%	∞
Test Sample Related								
Device Positioning	2.90%	N	1	1	1	2.9%	2.9%	145
Device Holder	3.60%	N	1	1	1	3.6%	3.6%	5
Power Drift	5.00%	R	√3	1	1	2.9%	2.9%	∞
Phantom and Setup								
Phantom Uncertainty	4.00%	R	√3	1	1	2.3%	2.3%	∞
SAR correction for deviations in conductivity and permittivity (target)	1.90%	R	√3	1	0.84	1.1%	0.9%	∞
Liquid Conductivity (meas.)	2.50%	N	1	0.78	0.71	2.0%	1.8%	∞
Liquid Permittivity (meas.)	2.50%	N	1	0.23	0.26	0.6%	0.7%	∞
Liquid conductivity – temperature uncertainty	1.70%	R	√3	0.78	0.71	0.8%	0.7%	
Liquid permittivity – temperature uncertainty	0.30%	R	√3	0.23	0.26	0.0%	0.0%	
Combined Std. Uncertainty						11.4%	11.4%	491
Expanded Std. Uncertainty						**22.8%**	**22.7%**	

Figure 29.18: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

Worst-Case Uncertainty for System Validation 0.3 - 6 GHz

Error Description	Unc. ±%	Prob. dist.	div	c_i^1 (1g)	c_i^1 (10g)	Std.Unc. (1g)	Std.Unc. (10g)	v_i^2 or v_{eff}
Measurement System								
Probe Calibration	6.55%	N	1	1	1	6.6%	6.6%	∞
Axial Isotropy	4.70%	R	√3	1	1	2.7%	2.7%	∞
Hemispherical Isotropy	9.60%	R	√3	0	0	0.0%	0.0%	∞
Boundary Effects	1.00%	R	√3	1	1	0.6%	0.6%	∞
Linearity	4.70%	R	√3	1	1	2.7%	2.7%	∞
Modulation	0.00%	R	√3	1	1	0.0%	0.0%	∞
System Detection Limit	1.00%	R	√3	1	1	0.6%	0.6%	∞
Readout Electronics	0.30%	N	1	1	1	0.3%	0.3%	∞
Response Time	0.00%	R	√3	1	1	0.0%	0.0%	∞
Integration Time	0.00%	R	√3	1	1	0.0%	0.0%	∞
RF Ambient Noise	1.00%	R	√3	1	1	0.6%	0.6%	∞
RF Ambient Reflections	1.00%	R	√3	1	1	0.6%	0.6%	∞
Probe Positioner	0.80%	R	√3	1	1	0.5%	0.5%	∞
Probe Positioning	6.70%	R	√3	1	1	3.9%	3.9%	∞
Max. SAR Eval.	2.00%	R	√3	1	1	1.2%	1.2%	∞
Dipole Related								
Deviation from exp. dipole	5.50%	R	√3	1	1	3.2%	3.2%	∞
Dipole axis to liquid distance	2.00%	R	√3	1	1	1.2%	1.2%	∞
Dipole input power and SAR drift	3.40%	R	√3	1	1	2.0%	2.0%	∞
Phantom and Setup								
Phantom Uncertainty	4.00%	R	√3	1	1	2.3%	2.3%	∞
SAR correction for deviations in conductivity and permittivity (target)	1.90%	R	√3	1	0.84	1.1%	0.9%	∞
Liquid Conductivity (meas.)	2.50%	N	1	0.78	0.71	2.0%	1.8%	∞
Liquid Permittivity (meas.)	2.50%	N	1	0.23	0.26	0.6%	0.7%	∞
Liquid conductivity – temperature uncertainty	1.70%	R	√3	0.78	0.71	0.8%	0.7%	
Liquid permittivity – temperature uncertainty	0.30%	R	√3	0.23	0.26	0.0%	0.0%	
Combined Std. Uncertainty						10.1%	10.1%	
Expanded Std. Uncertainty						**20.2%**	**20.1%**	

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Figure 29.19: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

APPENDIX C: Measurements

DUT: Dipole 835 MHz; Type: D835V2; Serial: 465
Procedure Name: System Performance Check Pin = 20dBm

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 835 MHz; σ = 0.936 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

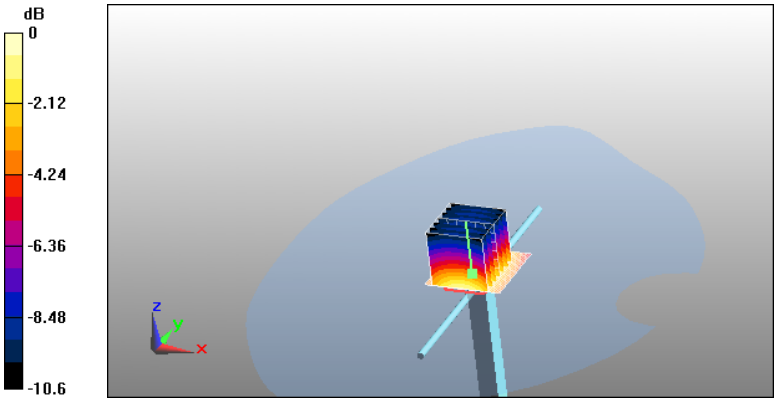
DASY5 Configuration:

- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

System Performance Check Pin = 20dBm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.4 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.640 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

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Figure 29.20: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

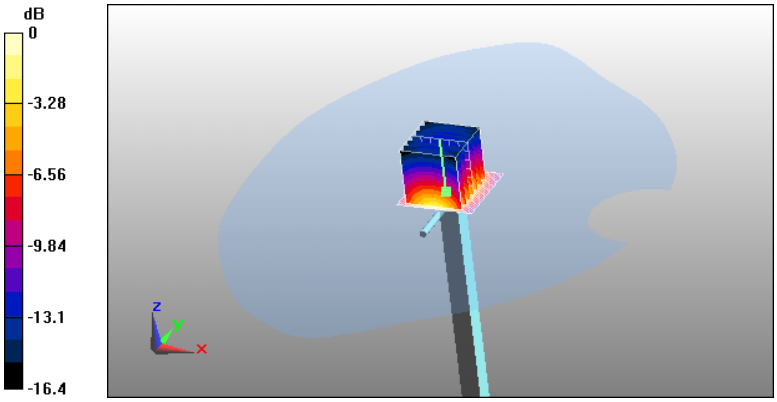
DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 2d092
Procedure Name: System Performance Check Pin = 20dBm

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.4 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV3 - SN3515; ConvF (5.08, 5.08, 5.08); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

System Performance Check Pin = 20dBm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 7.11 W/kg
SAR(1 g) = 3.92 mW/g; SAR(10 g) = 2.1 mW/g
Maximum value of SAR (measured) = 5.6 mW/g



0 dB = 5.6mW/g

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Figure 29.21: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Touch Position - Low

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.935 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

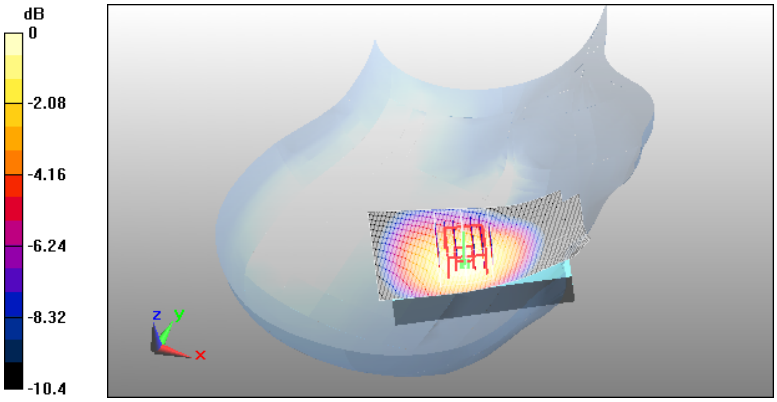
- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Touch Position - Low/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.21 mW/g

Touch Position - Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.2 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.702 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.2 mW/g



0 dB = 1.2mW/g

Figure 29.22: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Touch Position - Mid

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.936 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

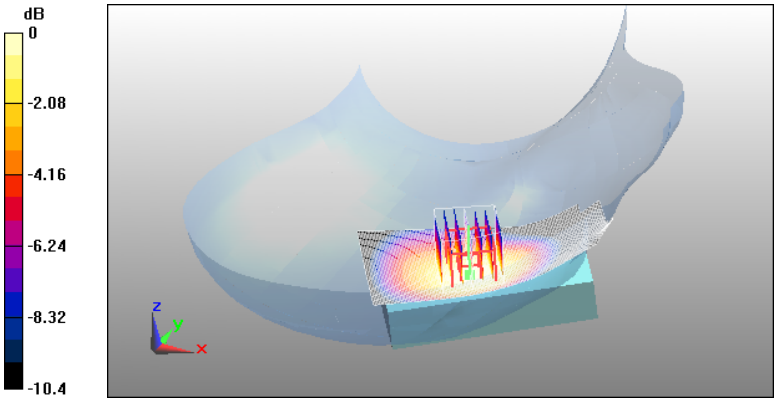
- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Touch Position - Mid/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.21 mW/g

Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.706 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

Figure 29.23: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Tilt Position - Mid

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.936 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

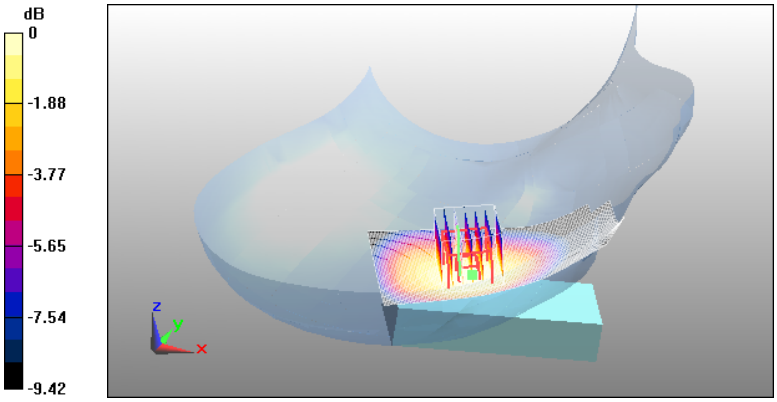
- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Tilt Position - Mid/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.592 mW/g

Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.4 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.361 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.593 mW/g



0 dB = 0.593mW/g

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Figure 29.24: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Touch Position - High

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 848.6 MHz; σ = 0.936 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

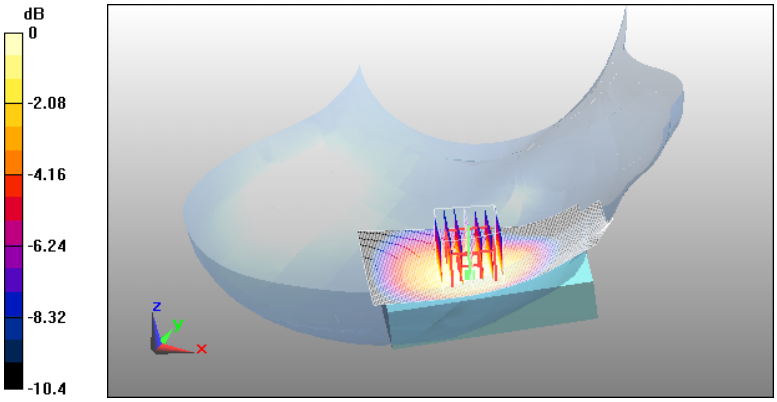
- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Touch Position - High/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.22 mW/g

Touch Position - High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.716 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

Figure 29.25: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Touch Position - Low

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.935 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

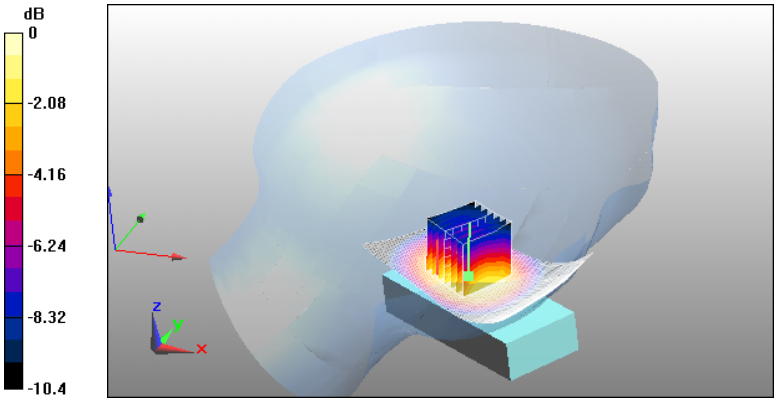
- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Touch Position - Low/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.29 mW/g

Touch Position - Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.738 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28mW/g

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Figure 29.26: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Touch Position - Mid

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.936 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

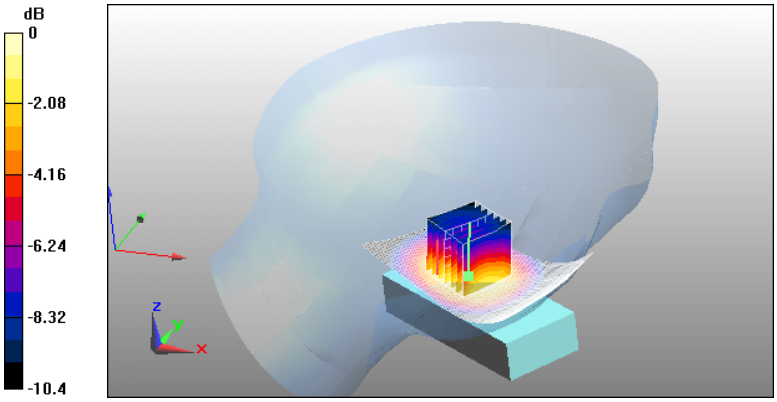
- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Touch Position - Mid/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.29 mW/g

Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.742 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29mW/g

Figure 29.27: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Tilt Position - Mid

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.936 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

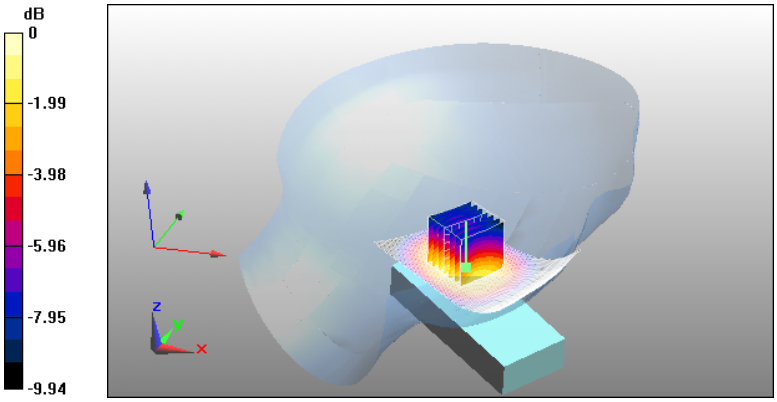
- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Tilt Position - Mid/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.644 mW/g

Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.6 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.381 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.638 mW/g



0 dB = 0.638mW/g

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Figure 29.28: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Touch Position - High

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 848.6 MHz; σ = 0.936 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

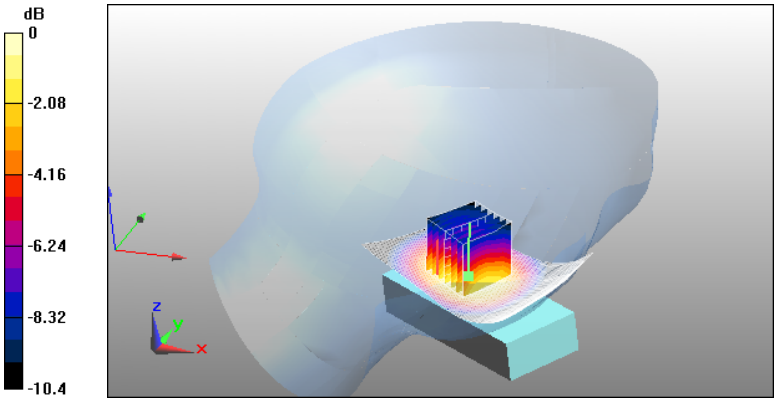
- Probe: EX3DV3 - SN3515; ConvF (6.09, 6.09, 6.09); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Touch Position - High/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.3 mW/g

Touch Position - High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.753 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29mW/g

Figure 29.29: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Touch Position - Mid

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1747.4 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 1747.4 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

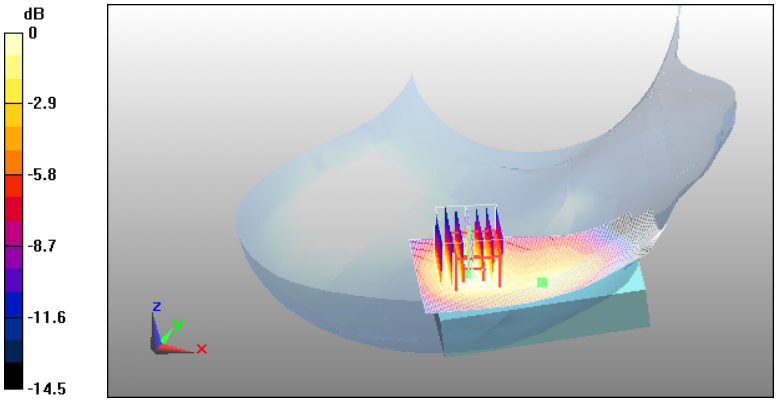
- Probe: EX3DV3 - SN3515; ConvF (5.08, 5.08, 5.08); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Touch Position - Mid/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.810 mW/g

Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.415 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.794 mW/g



0 dB = 0.794mW/g

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Figure 29.30: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Tilt Position - Mid

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1747.4 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 1747.4 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

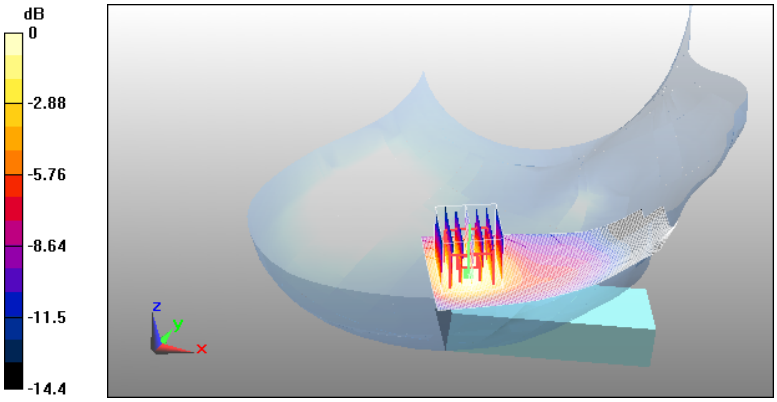
- Probe: EX3DV3 - SN3515; ConvF (5.08, 5.08, 5.08); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Tilt Position - Mid/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.810 mW/g

Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.6 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 0.876 W/kg
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.389 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.806 mW/g



0 dB = 0.806mW/g

Figure 29.31: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Touch Position - Mid

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1747.4 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 1747.4 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

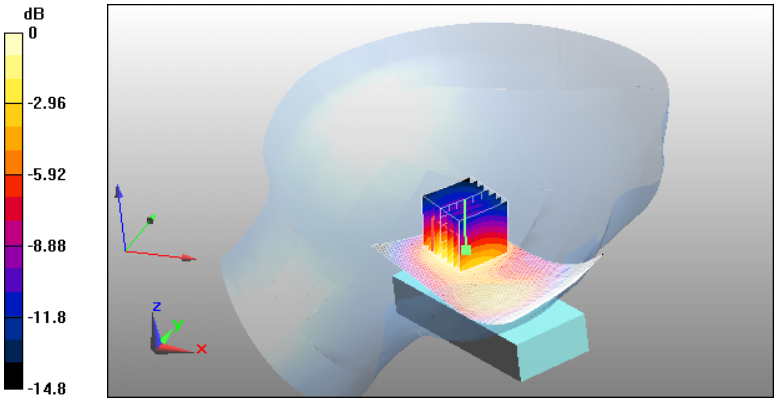
- Probe: EX3DV3 - SN3515; ConvF (5.08, 5.08, 5.08); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Touch Position - Mid/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.983 mW/g

Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.453 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.969 mW/g



0 dB = 0.969mW/g

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Figure 29.32: Example report based on the RGTemplate of the IT'IS Foundation (cont.)

Dosimetric Test Report of Generic Phone

DUT: Generic Phone; Type: Brick Type; Serial: IMEI: 00460101-869342-5
Procedure Name: Tilt Position - Mid

Measured Ambient Temperature (Celsius)=22.0; Liquid Temperature (Celsius)=22.1
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1747.4 MHz; Duty Cycle: 1:7.97995
Medium parameters used (interpolated): f = 1747.4 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

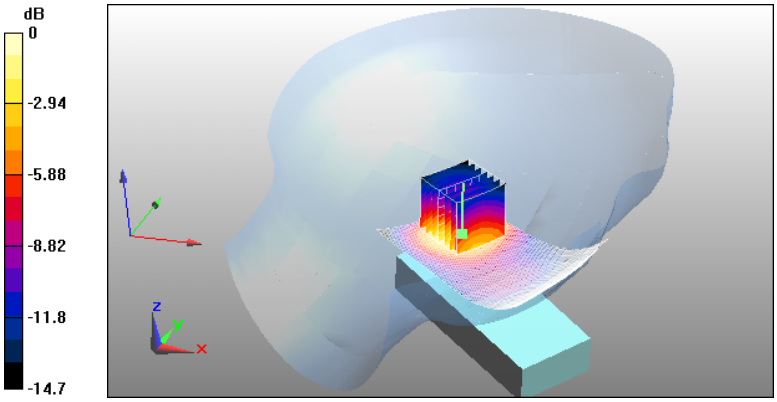
- Probe: EX3DV3 - SN3515; ConvF (5.08, 5.08, 5.08); Calibrated: 3/1/2009
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn355; Calibrated: 4/16/2009
- Phantom: SAM MIC #2000-93 with CRP; ; Serial: TP-1085
- Measurement SW: DASY5, V5.2 Build 133; SEMCAD X Version 14.0 Build 41

Tilt Position - Mid/Area Scan (191x241x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.993 mW/g

Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.452 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.983 mW/g



0 dB = 0.983mW/g

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Figure 29.33: Example report based on the RGTemplate of the IT'IS Foundation (cont.)