Calibration Laboratory of

Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland

Client

C&C Taiwan (Auden)

Object(s)	D5GHzV2 - S	N:1004	\$1000 E1000 E1000 E1000	
			THE REAL PROPERTY OF THE PARTY	
Calibration procedure(s)	QA CAL-05.v2			
	Calibration procedure for dipole validation kits			
	NONE HOUSE POR			
Calibration data:	October 5, 2003			
Condition of the calibrated item	In Tolerance	according to the specific calibration	Carrier and the carrier and th	
The second second second	TO CHARLES	according to the specific calibration	Luccament	
		21 1/2 1/2 1/2 1/2		
This calibration statement documer 17025 international standard.	its traceebility of M&TE	used in the calibration procedures and conformity of	the procedures with the ISO/IE	
TO THE STATE OF TH				
All calibrations have been conducte	d in the closed laborate	ory facility: environment temperature 22 +/- 2 degrees	Calaba and humidity of 7007	
		A management of the property o		
Calibration Equipment used (M&TE	critical for calibration)			
Model Type	ID#	Cal Date (Calibrated by, Certificate No.)	Scheduled Galibration	
Model Type Power meter EPM E4419B	ID# GB41293874	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250)	Scheduled Calibration Apr-04	
Model Type Power meter EPM E4419B Power sensor E4412A	ID # GB41293874 MY41495277	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250)	Scheduled Calibration Apr-04 Apr-04	
Model Type Power meter EPM E4419B Power sensor E4412A Reference 20 dB Attenuator	ID# GB41293874 MY41495277 SN: 5086 (206)	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340)	Scheduled Galibration Apr-04 Apr-04 Apr-04	
Model Type Power meter EPM E44198 Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020)	Scheduled Galibration Apr-04 Apr-04 Apr-04 Sep-04	
Model Type Power meter EPM E44198 Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803 MY41082180	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918)	Scheduled Calibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03	
Model Type Power meter EPM E4419B Power sensor E4412A Reference 20 dB Attenuator Fuke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803 MY41092180 100058	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918) 23-May-01 (SPEAG, in house check May-03)	Scheduled Calibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03 In house check: May-05	
Calibration Equipment used (M&TE Model Type Power meter EPM E44198 Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06 Network Analyzer HP 8753E	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803 MY41082180	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918)	Scheduled Calibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03	
Model Type Power meter EPM E4419B Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803 MY41092180 100058 US37390585	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918) 23-May-01 (SPEAG, in house check May-03) 18-Oct-01 (Agilent, No. 24BR1033101)	Scheduled Calibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03 In house check: Oct 03	
Model Type Power meter EPM E44198 Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06 Network Analyzer HP 8753E	ID # GB41293874 MY41495277 SN: 5086 (206) SN: 6295803 MY41092180 100058 US37390585	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918) 23-May-01 (SPEAG, in house check May-03) 18-Oct-01 (Agilent, No. 248iR1033101) Function	Scheduled Calibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03 In house check: May-05	
Model Type Power meter EPM E44198 Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06 Network Analyzer HP 8753E	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803 MY41092180 100058 US37390585	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918) 23-May-01 (SPEAG, in house check May-03) 18-Oct-01 (Agilent, No. 24BR1033101)	Scheduled Galibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03 In house check: Oct 03	
Model Type Power meter EPM E4419B Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06 Network Analyzer HP 8753E Calibrated by:	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803 MY41092180 100058 US37390585 Name Kasis Pakoyay	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918) 23-May-01 (SPEAG, in house check May-03) 18-Oct-01 (Agilent, No. 248R1033101) Function Laboratory Directo.	Scheduled Calibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03 In house check: Oct 03	
Model Type Power meter EPM E44198 Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06 Network Analyzer HP 8753E	ID # GB41293874 MY41495277 SN: 5086 (206) SN: 6295803 MY41092180 100058 US37390585	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918) 23-May-01 (SPEAG, in house check May-03) 18-Oct-01 (Agilent, No. 248iR1033101) Function	Scheduled Calibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03 In house check: Oct 03	
Model Type Power meter EPM E4419B Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06 Network Analyzer HP 8753E Calibrated by:	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803 MY41092180 100058 US37390585 Name Kasis Pakoyay	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918) 23-May-01 (SPEAG, in house check May-03) 18-Oct-01 (Agilent, No. 248R1033101) Function Laboratory Directo.	Scheduled Galibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03 In house check: Oct 03	
Model Type Power meter EPM E4419B Power sensor E4412A Reference 20 dB Attenuator Fluke Process Calibrator Type 702 Power sensor HP 8481A RF generator R&S SMT06 Network Analyzer HP 8753E Calibrated by:	ID # GB41293874 MY41495277 SN: 5086 (20b) SN: 6295803 MY41092180 100058 US37390585 Name Kasis Pakoyay	Cal Date (Calibrated by, Certificate No.) 2-Apr-03 (METAS, No 252-0250) 2-Apr-03 (METAS, No 252-0250) 3-Apr-03 (METAS No. 251-0340 8-Sep-03 (Sintrel SCS No. E-030020) 18-Sep-02 (Agilent, No. 20020918) 23-May-01 (SPEAG, in house check May-03) 18-Oct-01 (Agilent, No. 248R1033101) Function Laboratory Directo.	Scheduled Calibration Apr-04 Apr-04 Apr-04 Sep-04 In house check: Oct 03 In house check: Oct 03	

Date issued: October 6, 2003

This calibration certificate is issued as an intermediate solution until the accreditation process (based on ISO/IEC 17025 International Standard) for Calibration Laboratory of Schmid & Partner Engineering AG is completed.

Zeughausstrasse 43, 8004 Zurich, Switzerland Phone +41 1 245 9700, Fax +41 1 245 9779 info@speeg.com, http://www.speeg.com

DASY

Dipole Validation Kit

Type: D5GHzV2

Serial: 1004

Manufactured:

July 8, 2003

Calibrated:

October 5, 2003

1. Measurement Conditions

The measurements were performed in the flat section of the SAM twin phantom filled with head simulating solution of the following electrical parameters:

Frequency:	5200 MHz

Relative Dielectricity	36.3	±5%
Conductivity	4.57 mho/m	+ 5%

Relative Dielectricity	35.4	±5%
Conductivity	5.20 mho/m	±5%

The DASY3 System with a dosimetric E-field probe ES3DV3 - SN:3025 was used for the measurements. The dipole was mounted on the small tripod so that the dipole feedpoint was positioned below the center marking of the flat phantom section and the dipole was oriented parallel to the body axis (the long side of the phantom). The standard measuring distance was 10mm from dipole center to the solution surface. Lossless spacer was used during measurements for accurate distance positioning.

The coarse grid with a grid spacing of 10mm was aligned with the dipole. Special 8x8x8 fine cube was chosen for cube integration (dx=dy=4.3mm, dz=3mm). Distance between probe sensors and phantom surface was set to 3.0 mm. The dipole input power (forward power) was $250mW \pm 3$ %. The results are normalized to 1W input power.

SAR Measurement with DASY System

Standard SAR-measurements were performed according to the measurement conditions described in section 1. The results (see figures supplied) have been normalized to a dipole input power of 1W (forward power). The resulting averaged SAR-values measured at 5200 MHz (Head Tissue) with the dosimetric probe ES3DV3 SN:3025 and applying the advanced extrapolation are:

averaged over 1 cm³ (1 g) of tissue: 86.0 mW/g
$$\pm$$
 32.0 % (k=2)¹

averaged over 10 cm³ (10 g) of tissue: 23.8 mW/g
$$\pm$$
 31.7 % (k=2)¹

The resulting averaged SAR-values measured at 5800 MHz (Head Tissue) with the dosimetric probe ES3DV3 SN:3025 and applying the advanced extrapolation are:

averaged over 1 cm³ (1 g) of tissue: 88.8 mW/g
$$\pm$$
 32.0 % (k=2)²

averaged over 10 cm³ (10 g) of tissue: 24.4 mW/g
$$\pm$$
 31.7 % (k=2)²

¹ Target dipole values determined by FDTD (feedpoint impedance set to 50 Ohm). The values are SAR_1g=76.5 mW/g, SAR_10g=21.6 mW/g and SAR_peak=310.3 mW/g.

² Target dipole values determined by FDTD (feedpoint impedance set to 50 Ohm). The values are SAR_1g=78.0 mW/g. SAR_10g=21.9 mW/g and SAR_peak=340.9 mW/g.

3. Dipole Transformation Parameters

The impedance was measured at the SMA-connector with a network analyzer and numerically transformed to the dipole feedpoint (please refer to the graphics attached to this document). The transformation parameters from the SMA-connector to the dipole feedpoint are:

Electrical delay: 1.153 ns (one direction)

Transmission factor: 0.954 (voltage transmission, one direction)

4. Measurement Conditions

The measurements were performed in the flat section of the SAM twin phantom filled with body simulating solution of the following electrical parameters:

Frequency: 5200 MHz

Relative Dielectricity 49.7 \pm 5% Conductivity 5.18 mho/m \pm 5%

Frequency: 5800 MHz

Relative Dielectricity 48.5 \pm 5% Conductivity 6.01 mho/m \pm 5%

The DASY3 System with a dosimetric E-field probe ES3DV3 - SN:3025 was used for the measurements. The dipole was mounted on the small tripod so that the dipole feedpoint was positioned below the center marking of the flat phantom section and the dipole was oriented parallel to the body axis (the long side of the phantom). The standard measuring distance was 10mm from dipole center to the solution surface. Lossless spacer was used during measurements for accurate distance positioning.

The coarse grid with a grid spacing of 10mm was aligned with the dipole. The 8x8x8 fine cube was chosen for cube integration (dx=dy=4.3mm, dz=3mm). Distance between probe sensors and phantom surface was set to 3.0 mm. The dipole input power (forward power) was $250mW \pm 3$ %. The results are normalized to 1W input power.

SAR Measurement with DASY System

Standard SAR-measurements were performed according to the measurement conditions described in section 4. The results (see figures supplied) have been normalized to a dipole input power of 1W (forward power). The resulting averaged SAR-values measured at 5200 MHz (Body Tissue) with the dosimetric probe ES3DV3 SN:3025 and applying the advanced extrapolation are:

averaged over 1 cm³ (1 g) of tissue: 84.0 mW/g ± 32.0 % (k=2)³

averaged over 10 cm³ (10 g) of tissue: 23.4 mW/g \pm 31.7 % (k=2)³

The resulting averaged SAR-values measured at 5800 MHz (Body Tissue) with the dosimetric probe ES3DV3 SN:3025 and applying the advanced extrapolation are:

averaged over 1 cm³ (1 g) of tissue: 80.0 mW/g \pm 32.0 % (k=2)⁴

averaged over 10 cm³ (10 g) of tissue: 22.4 mW/g \pm 31.7 % (k=2)⁴

Handling

Do not apply excessive force to the dipole arms, because they might bend. Bending of the dipole arms stresses the soldered connections near the feedpoint leading to a damage of the dipole.

Design

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DCsignals.

Small end caps have been added to the dipole arms in order to increase frequency bandwidth at the position as explained in Sections 1 and 4.

Power Test

After long term use with 40W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

³ Target dipole values determined by FDTD (feedpoint impedance set to 50 Ohm). The values are SAR_1g=71.8 mW/g. SAR_10g=20.1 mW/g and SAR_peak=284.7 mW/g.

⁴ Target dipole values determined by FDTD (feedpoint impedance set to 50 Ohm). The values are SAR_1g=74.1 mW/g. SAR_10g=20.5 mW/g and SAR_peak=324.7 mW/g.

Date/Time: 10/04/03 15:55:20

SPEAG Calibration Laboratory

DUT: Dipole 5GHz; Type: D5GHz; Serial: D5GHzV2 - SN:1004

Communication System: CW-5GHz; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL5800 ($\sigma = 4.57 \text{ mho/m}$, $\epsilon_r = 36.34$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 SN3025-Y2003; ConvF(2.65, 2.65, 2.65); Calibrated: 9/19/2003
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn410; Calibrated: 4/22/2003
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 60

d=10mm, Pin=250mW, f=5200 MHz/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 91.5 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 33.2 mW/g

d=10mm, Pin=250mW, f=5200 MHz/Zoom Scan (8x8x8), dist=3mm (7x7x8)/Cube 0: Measurement

grid: dx=4.3mm, dy=4.3mm, dz=3mm

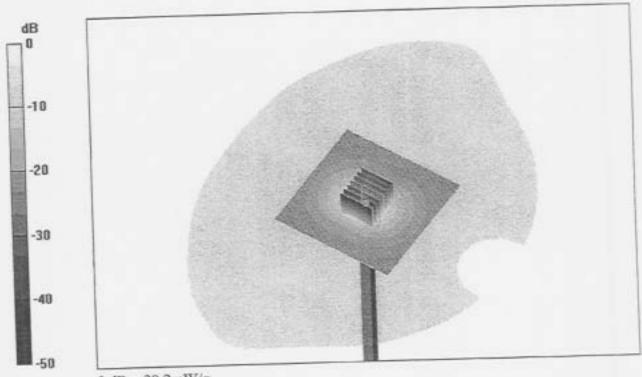
Peak SAR (extrapolated) = 98.6 W/kg

SAR(1 g) = 21.5 mW/g; SAR(10 g) = 5.94 mW/g

Reference Value = 91.5 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 30.2 mW/g



0 dB = 30.2 mW/g

Date/Time: 10/04/03 15:55:20

SPEAG Calibration Laboratory

DUT: Dipole 5GHz; Type: D5GHz; Serial: D5GHzV2 - SN:1004

Communication System: CW-5GHz; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL5800 ($\sigma = 5.2 \text{ mho/m}$, $\epsilon_{c} = 35.39$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 SN3025-Y2003; ConvF(2.3, 2.3, 2.3); Calibrated: 9/19/2003
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn410; Calibrated: 4/22/2003
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 60

d=10mm, Pin=250mW, f=5800 MHz/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 84.8 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 33.1 mW/g

d=10mm, Pin=250mW, f=5800 MHz/Zoom Scan (8x8x8), dist=3mm (7x7x8)/Cube 0: Measurement

grid: dx=4.3mm, dy=4.3mm, dz=3mm

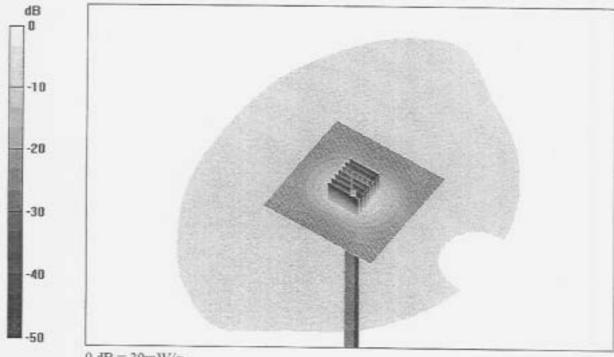
Peak SAR (extrapolated) = 114.0 W/kg

SAR(1 g) = 22.2 mW/g; SAR(10 g) = 6.1 mW/g

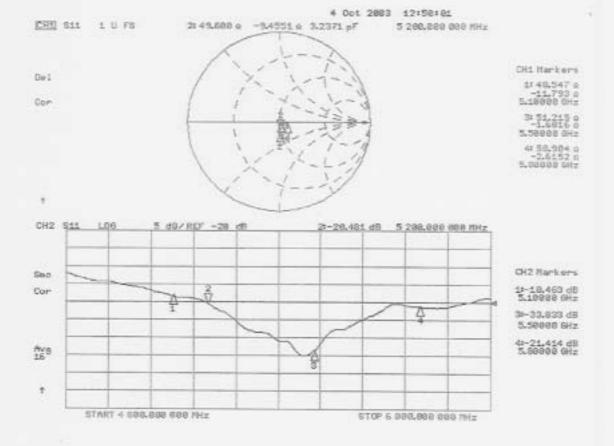
Reference Value = 84.8 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 30 mW/g



0 dB = 30 mW/g



Date/Time: 10/05/03 15:06:30

SPEAG Calibration Laboratory

DUT: Dipole 5GHz; Type: D5GHz; Serial: D5GHzV2 - SN:1004

Communication System: CW-5GHz; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL5800 ($\sigma = 5.18 \text{ mho/m}$, $\epsilon_p = 49.73$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 SN3025-Y2003; ConvF(1.93, 1.93, 1.93); Calibrated: 9/19/2003
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn410; Calibrated: 4/22/2003
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 60

d=10mm, Pin=250mW, f=5200 MHz/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 86.6 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 33.4 mW/g

d=10mm, Pin=250mW, f=5200 MHz/Zoom Scan (8x8x8), dist=3mm (7x7x8)/Cube 0: Measurement

grid: dx=4.3mm, dy=4.3mm, dz=3mm

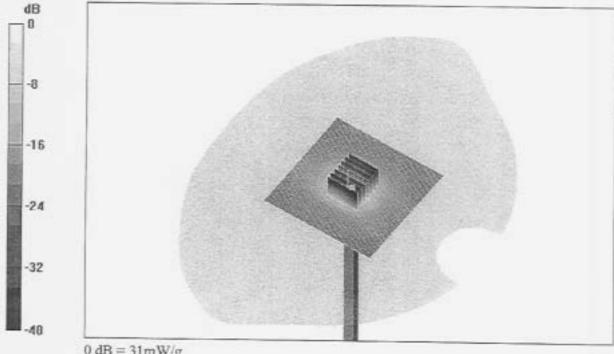
Peak SAR (extrapolated) = 80.6 W/kg

SAR(1 g) = 21 mW/g; SAR(10 g) = 5.84 mW/g

Reference Value = 86.6 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 31 mW/g



0 dB = 31 mW/g

Date/Time: 10/05/03 14:38:14

SPEAG Calibration Laboratory

DUT: Dipole 5GHz; Type: D5GHz; Serial: D5GHzV2 - SN:1004

Communication System: CW-5GHz; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL5800 ($\sigma = 6.01 \text{ mho/m}$, $\epsilon_s = 48.51$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 SN3025-Y2003; ConvF(1.65, 1.65, 1.65); Calibrated: 9/19/2003
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn410; Calibrated: 4/22/2003
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 60

d=10mm, Pin=250mW, f=5800 MHz/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 82 V/m

Power Drift = -0.0008 dB

Maximum value of SAR = 31.6 mW/g

d=10mm, Pin=250mW, f=5800 MHz/Zoom Scan (8x8x8), dist=3mm (7x7x8)/Cube 0: Measurement

grid: dx=4.3mm, dy=4.3mm, dz=3mm

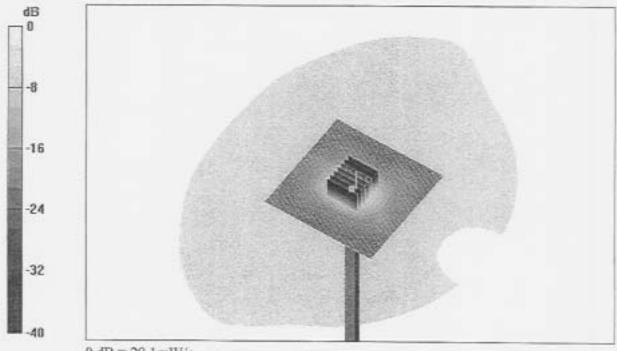
Peak SAR (extrapolated) = 80.3 W/kg

SAR(1 g) = 20 mW/g; SAR(10 g) = 5.61 mW/g

Reference Value = 82 V/m

Power Drift = -0.0008 dB

Maximum value of SAR = 29.1 mW/g



0 dB = 29.1 mW/g

