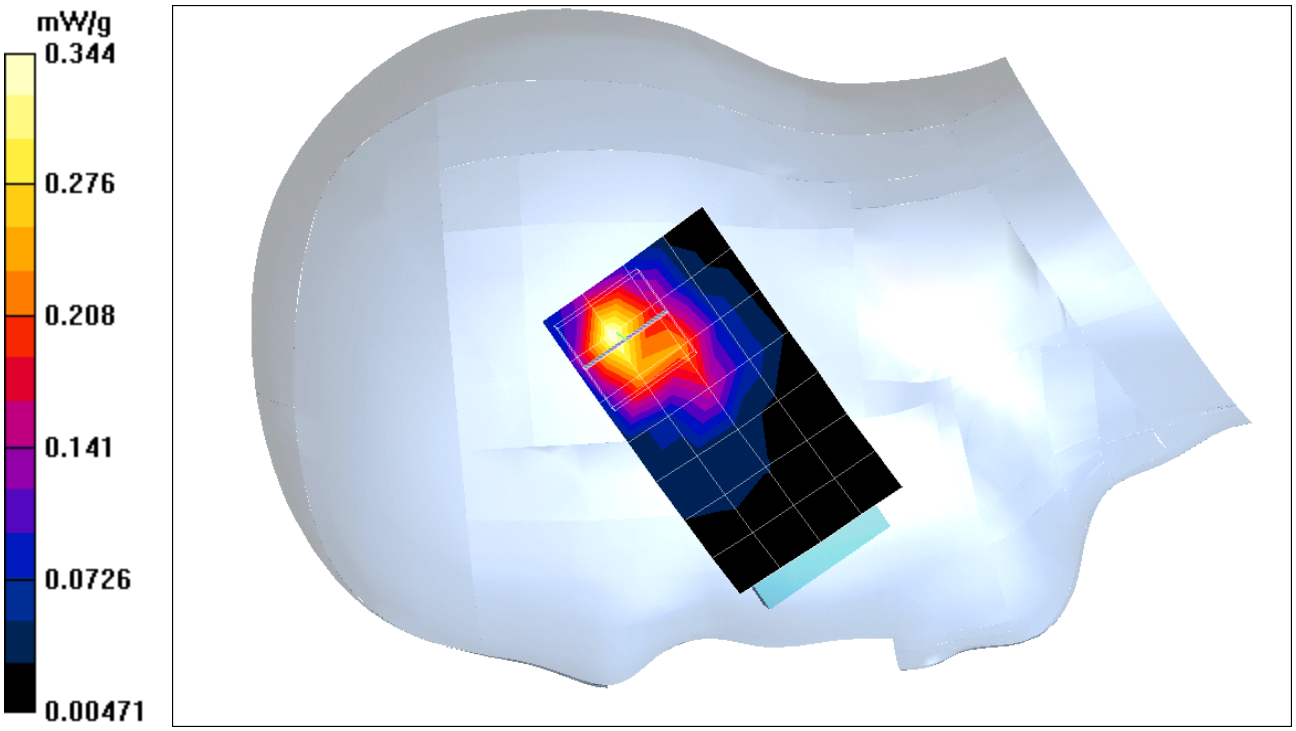
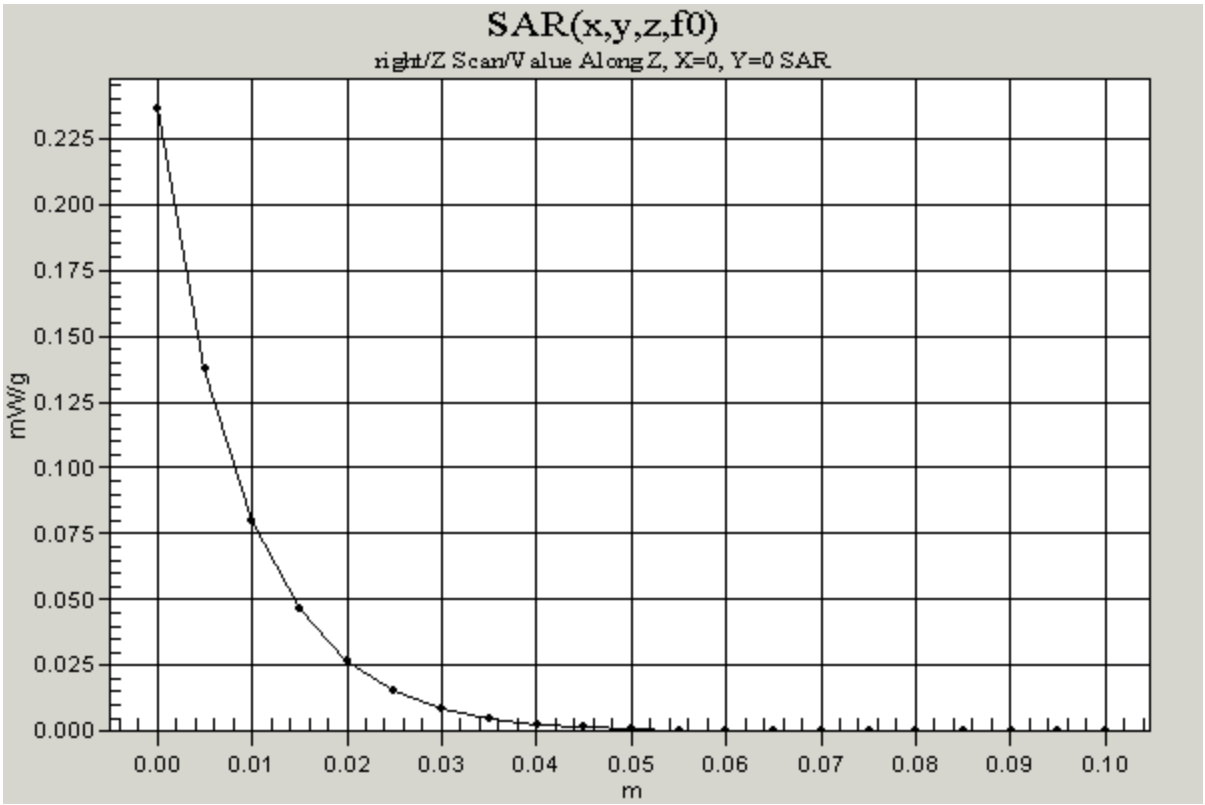

mW/g
0.344
0.276
0.208
0.141
0.0726
0.00471

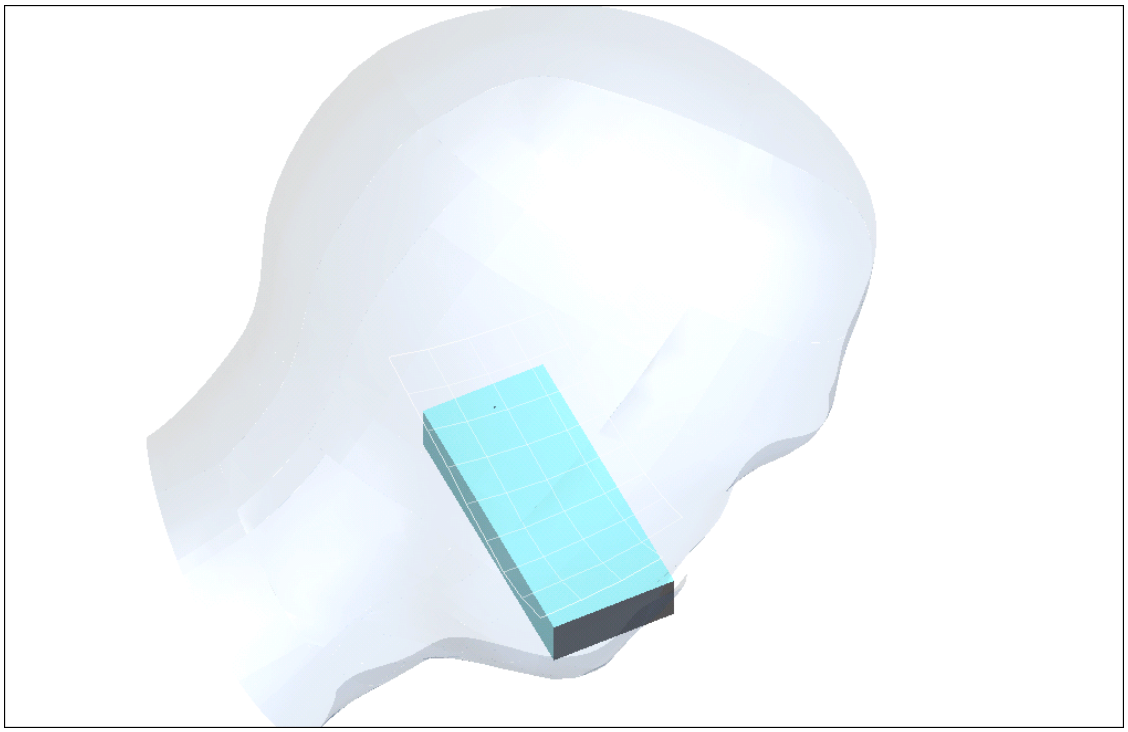

SAR(x,y,z,f0)
right/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.225
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 13:07:08

Test Laboratory: C&C Labratory CO., Ltd

LEFT-HEAD

TOUCH



Date/Time: 08/04/03 12:24:50

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-LEFT.da4

gsm1900-LEFT

DUT: konstanze; Type: konstanze;
Program: Left

Communication System: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.45255 mho/m, ε_r = 38.42, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.2deg C
Phantom section: Left Section

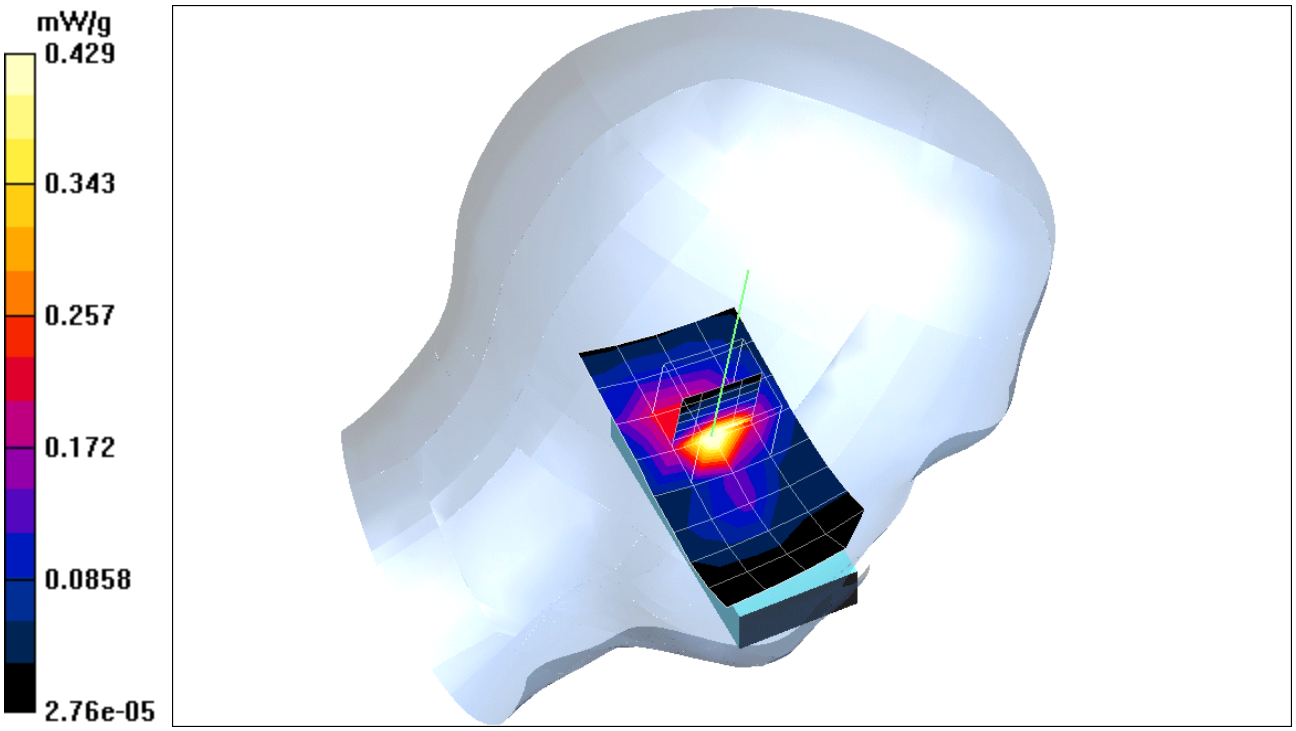
DASY4 Configuration:

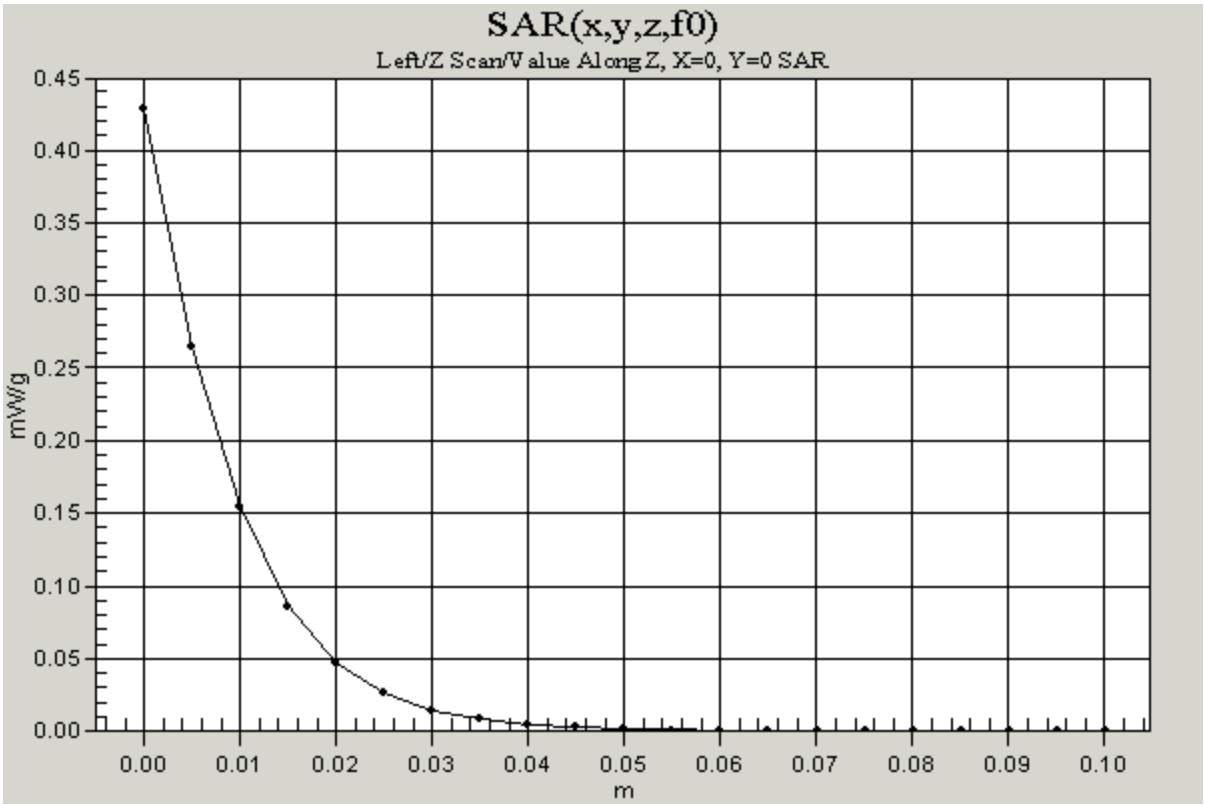
- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

touch 512/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 11.9 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.483 mW/g

touch 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.899 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.254 mW/g
Reference Value = 11.9 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.515 mW/g

touch 512/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 11.9 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.429 mW/g


mW/g
0.429
0.343
0.257
0.172
0.0858
2.76e-05


SAR(x,y,z,f0)
Left/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 12:49:48

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-LEFT.da4

gsm1900-LEFT

DUT: konstanze; Type: konstanze;
Program: Left

Communication System: GSM1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.45255 mho/m, ε_r = 38.42, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.2deg C

Phantom section: Left Section

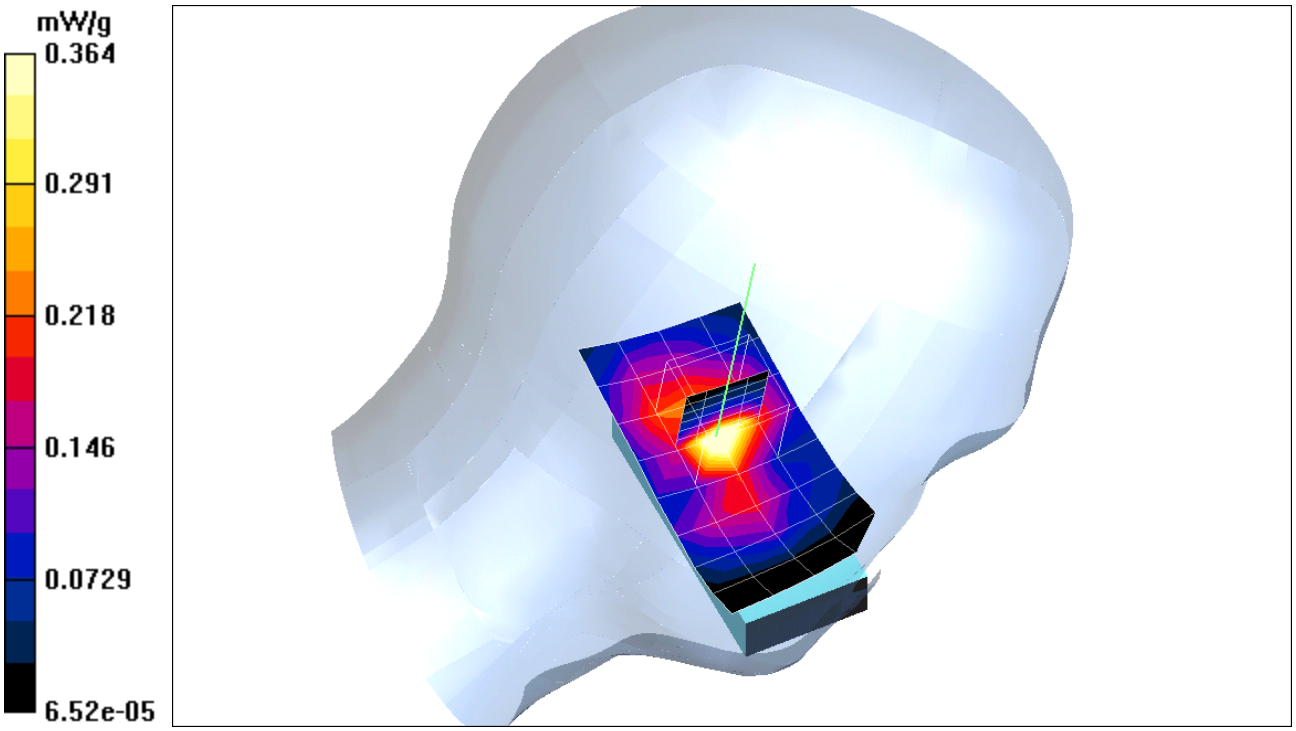
DASY4 Configuration:

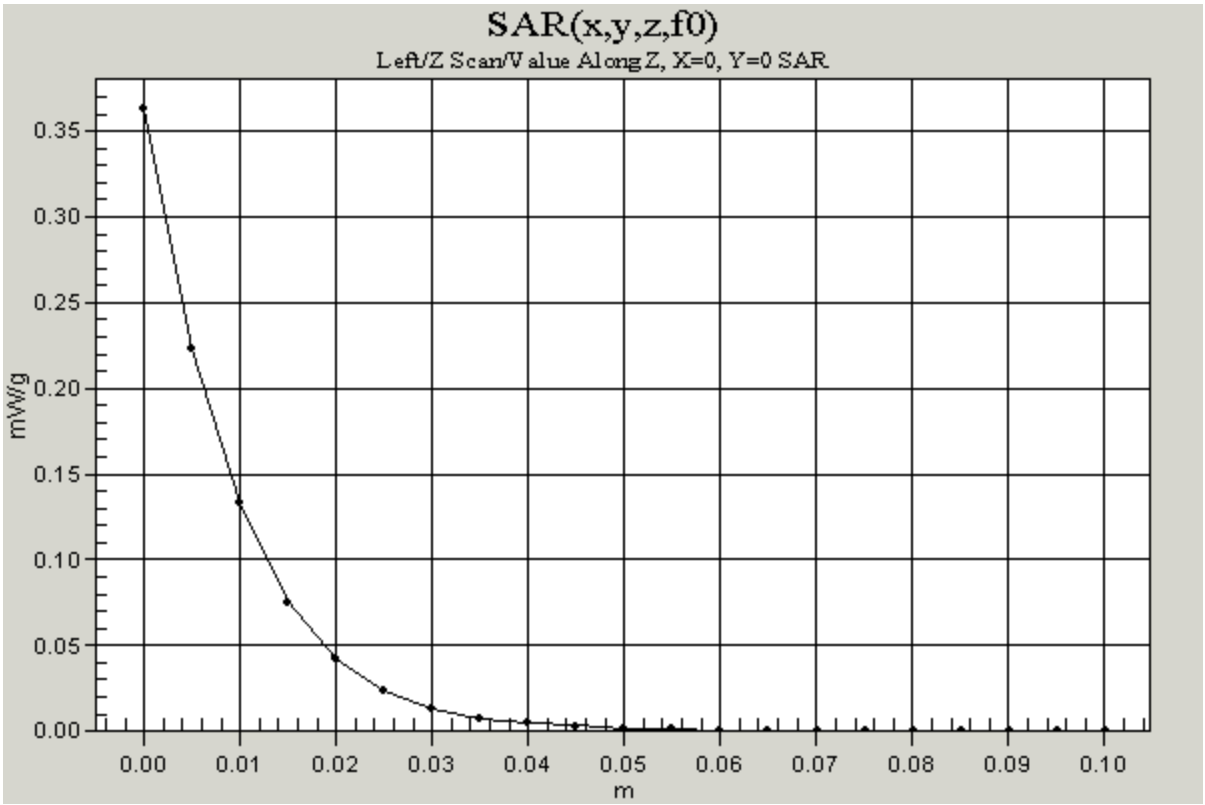
- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

touch 661/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 11.4 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.45 mW/g

touch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.735 W/kg
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.217 mW/g
Reference Value = 11.4 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.431 mW/g

touch 661/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 11.4 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.364 mW/g


mW/g
0.364
0.291
0.218
0.146
0.0729
6.52e-05


SAR(x,y,z,f0)
Left/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 13:07:08

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-LEFT.da4

gsm1900-LEFT

DUT: konstanze; Type: konstanze;
Program: Left

Communication System: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.45255 mho/m, ε_r = 38.42, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.2deg C

Phantom section: Left Section

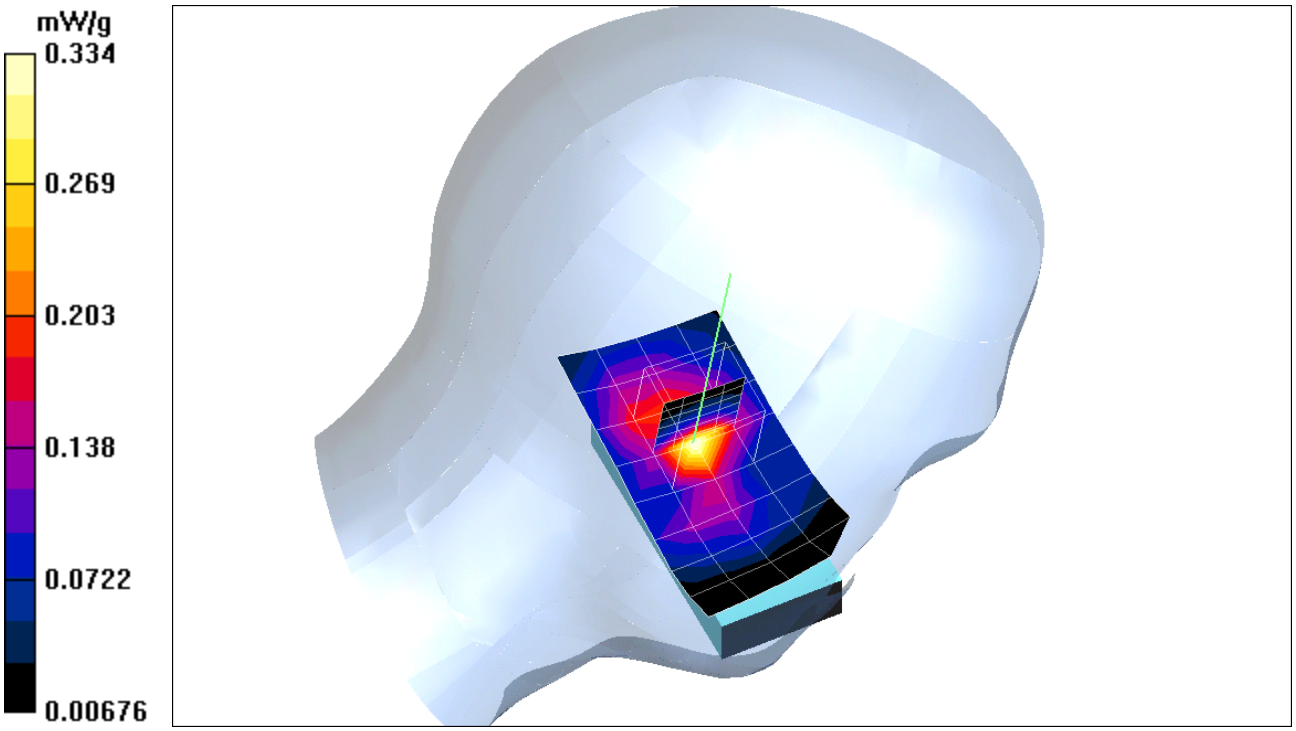
DASY4 Configuration:

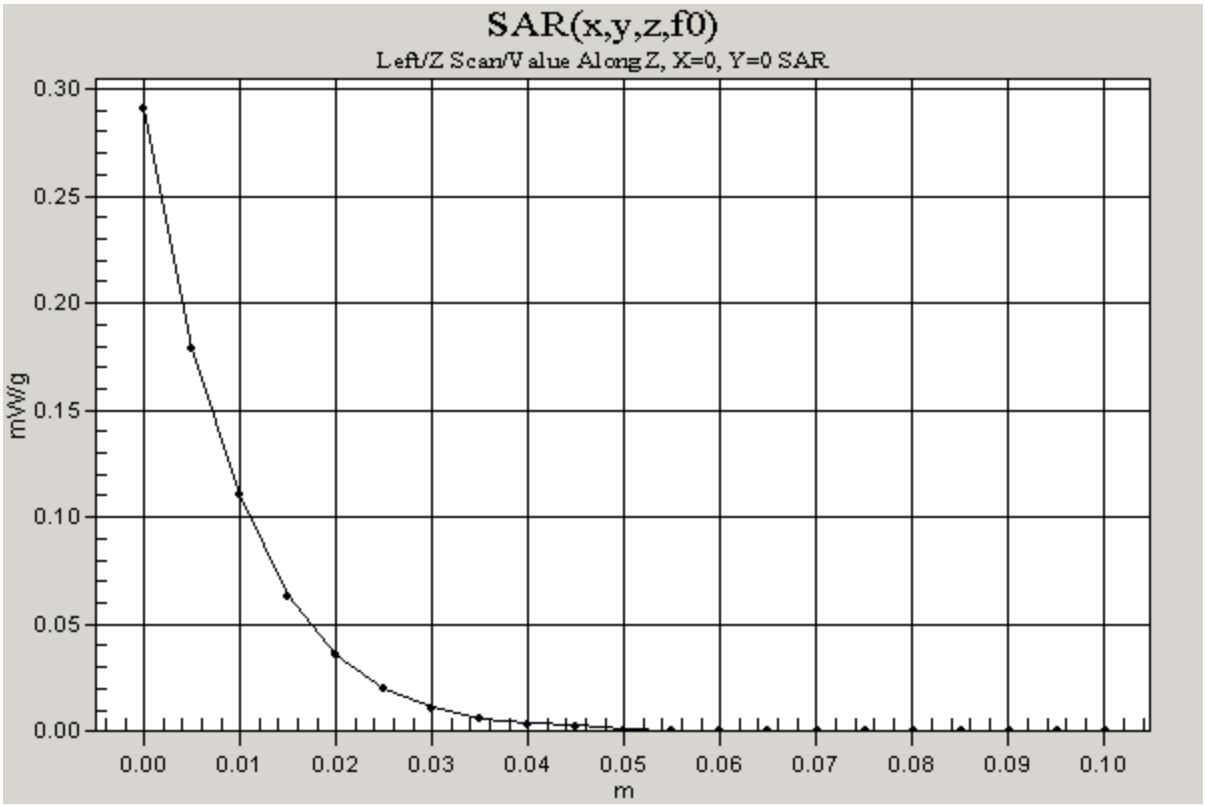
- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

touch 810/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.5 V/m
Power Drift = 0.008 dB
Maximum value of SAR = 0.345 mW/g

touch 810/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 10.5 V/m
Power Drift = -0.002 dB
Maximum value of SAR = 0.291 mW/g

touch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.57 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.17 mW/g
Reference Value = 10.5 V/m
Power Drift = 0.008 dB
Maximum value of SAR = 0.334 mW/g


mW/g
0.334
0.269
0.203
0.138
0.0722
0.00676

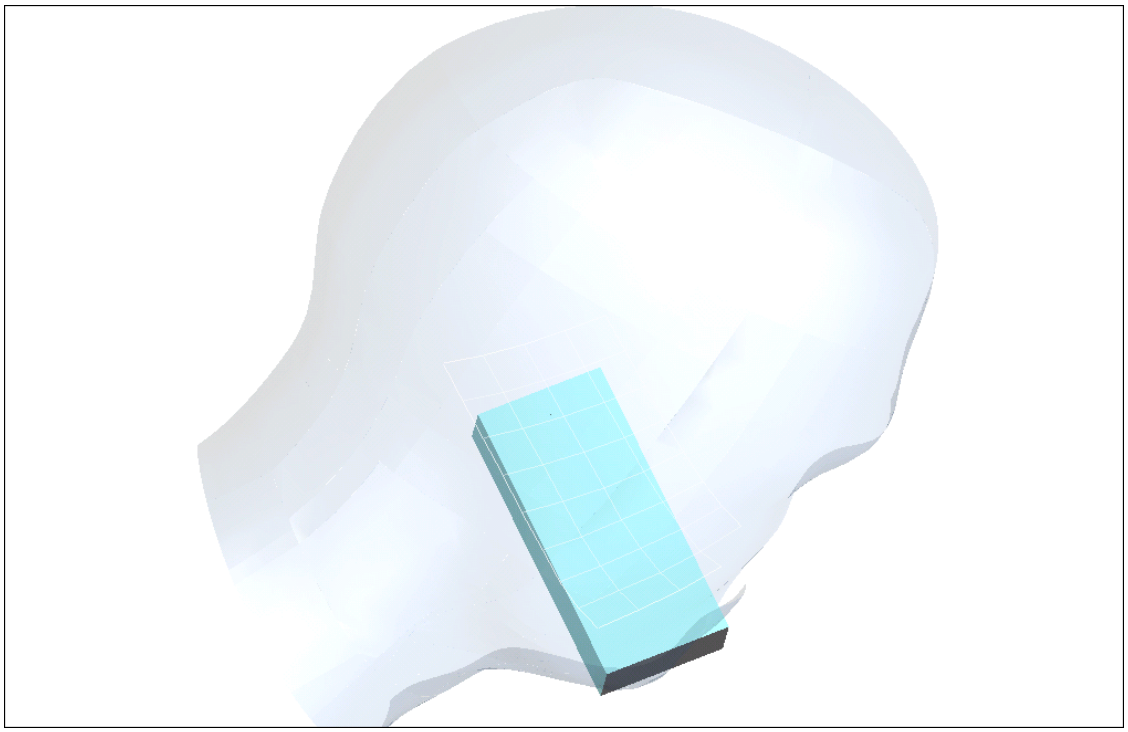

SAR(x,y,z,f0)
Left/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 13:32:08

Test Laboratory: C&C Labratory CO., Ltd

LEFT-HEAD

TILTE



Date/Time: 08/04/03 13:32:08

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-LEFT.da4

gsm1900-LEFT

DUT: konstanze; Type: konstanze;
Program: Left

Communication System: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.45255 mho/m, ε_r = 38.42, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.2deg C

Phantom section: Left Section

DASY4 Configuration:

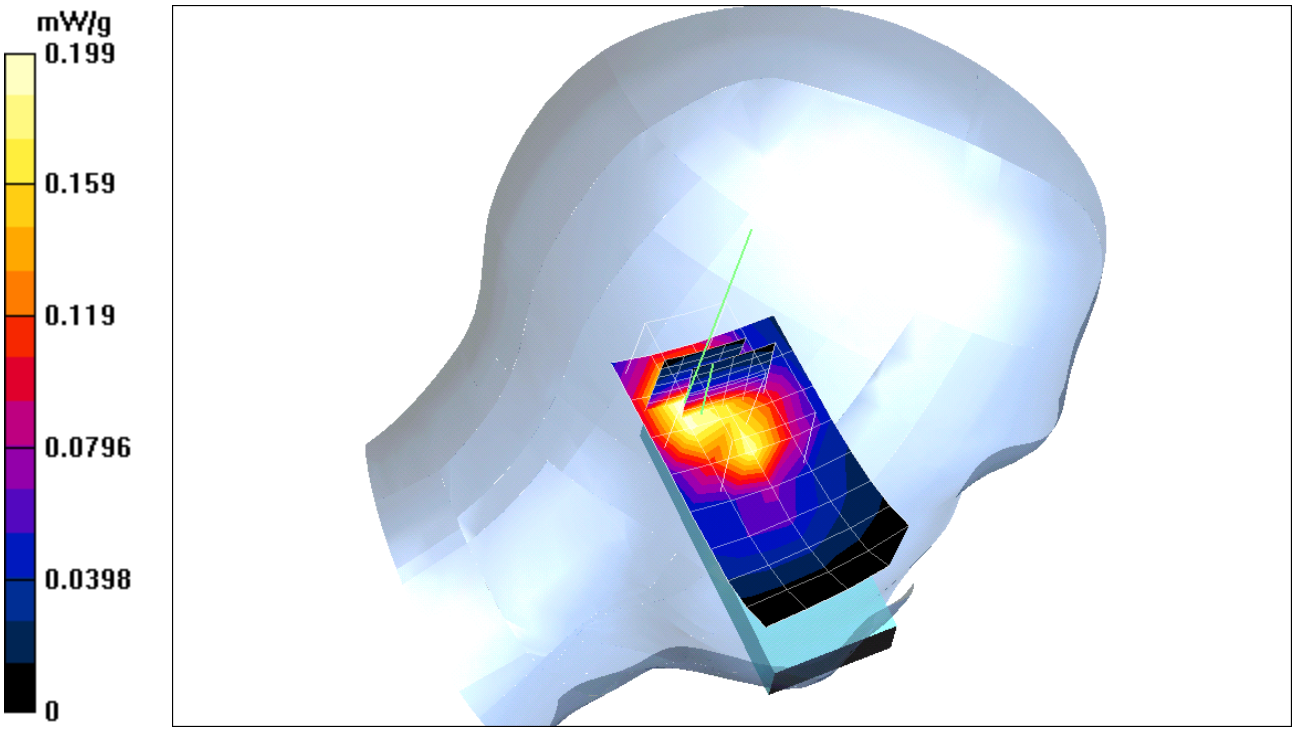
- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

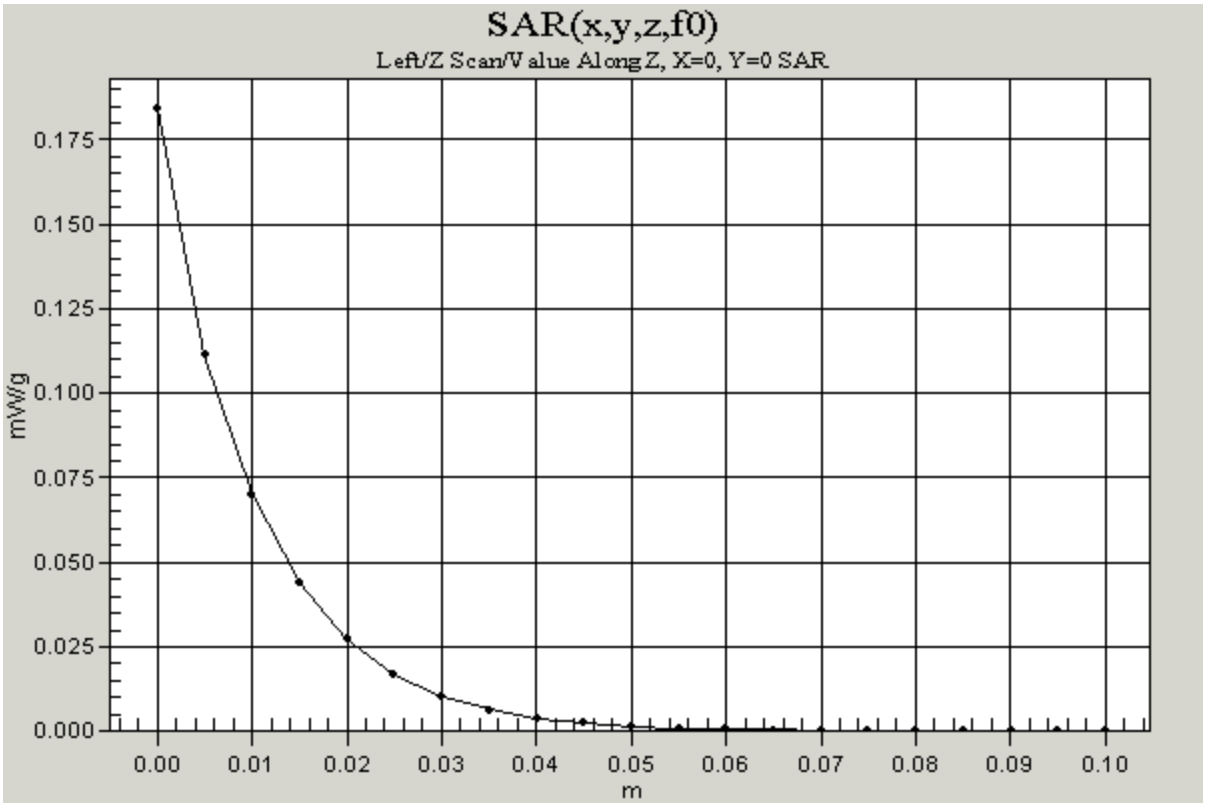
tilte 512/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 11.2 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.199 mW/g

tilte 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.12 mW/g
Reference Value = 11.2 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.225 mW/g

tilte 512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.109 mW/g
Reference Value = 11.2 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.208 mW/g

tilte 512/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 11.2 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.184 mW/g


mW/g
0.199
0.159
0.119
0.0796
0.0398
0


SAR(x,y,z,f0)
Left/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 14:06:20

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-LEFT.da4

gsm1900-LEFT

DUT: konstanze; Type: konstanze
Program: Left

Communication System: GSM1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.45255 mho/m, ε_r = 38.42, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.2deg C

Phantom section: Left Section

DASY4 Configuration:

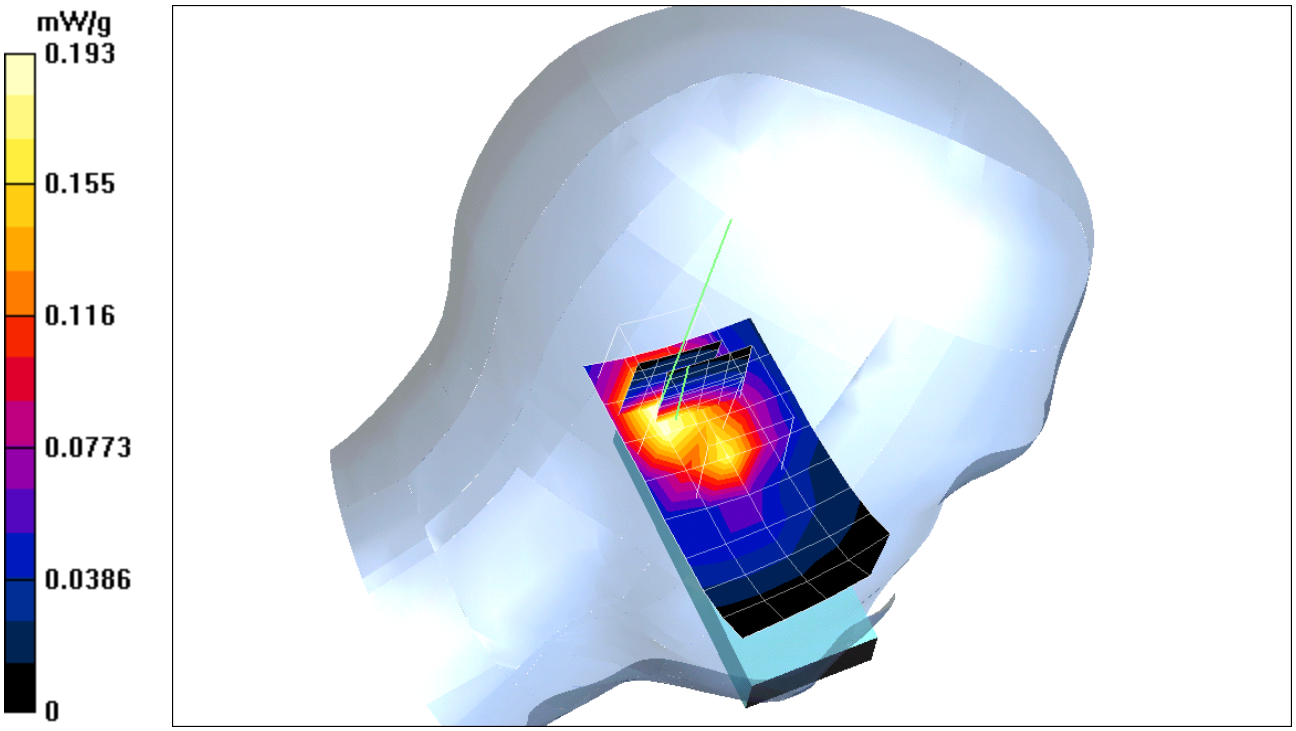
- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

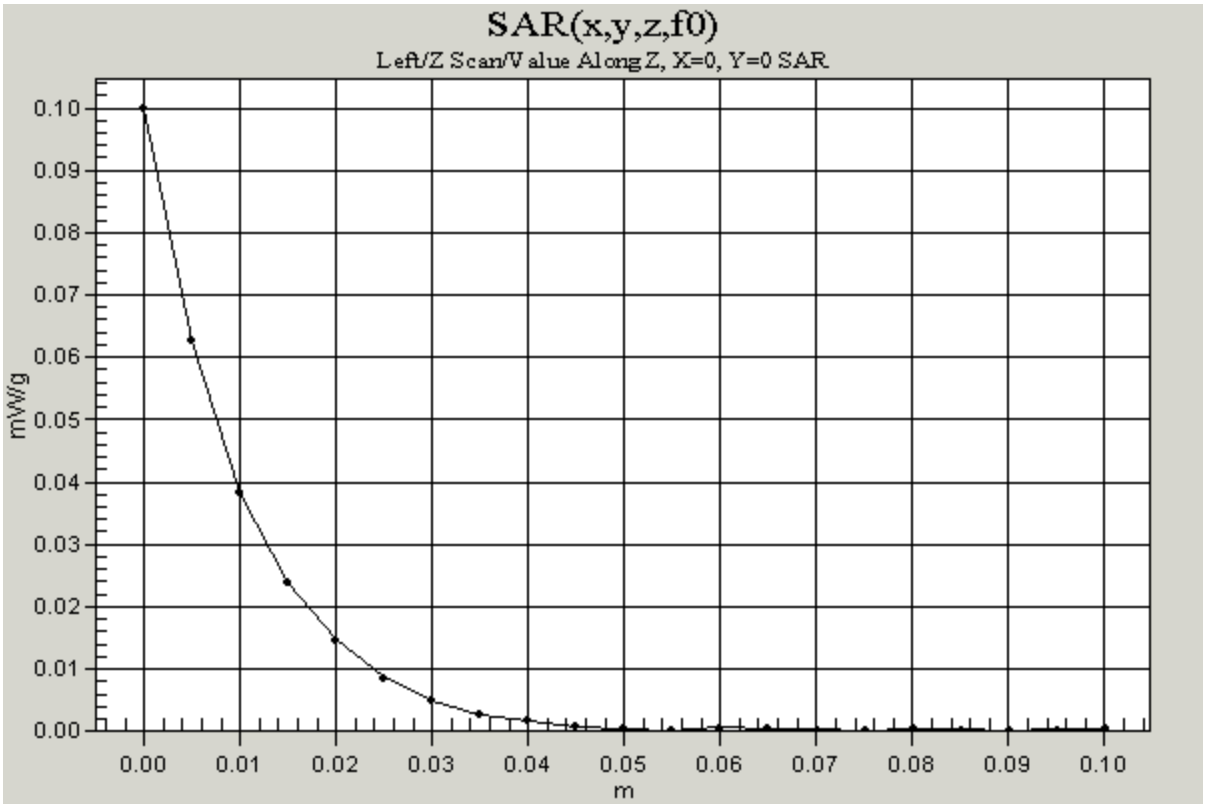
tilte 661/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.6 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.193 mW/g

tilte 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.31 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.113 mW/g
Reference Value = 10.6 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.21 mW/g

tilte 661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.102 mW/g
Reference Value = 10.6 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.194 mW/g

tilte 661/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 10.6 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.1 mW/g


mW/g
0.193
0.155
0.116
0.0773
0.0386
0


SAR(x,y,z,f0)
Left/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 14:34:29

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-LEFT.da4

gsm1900-LEFT

DUT: konstanze; Type: konstanze;
Program: Left

Communication System: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.45255 mho/m, ε_r = 38.42, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.2deg C

Phantom section: Left Section

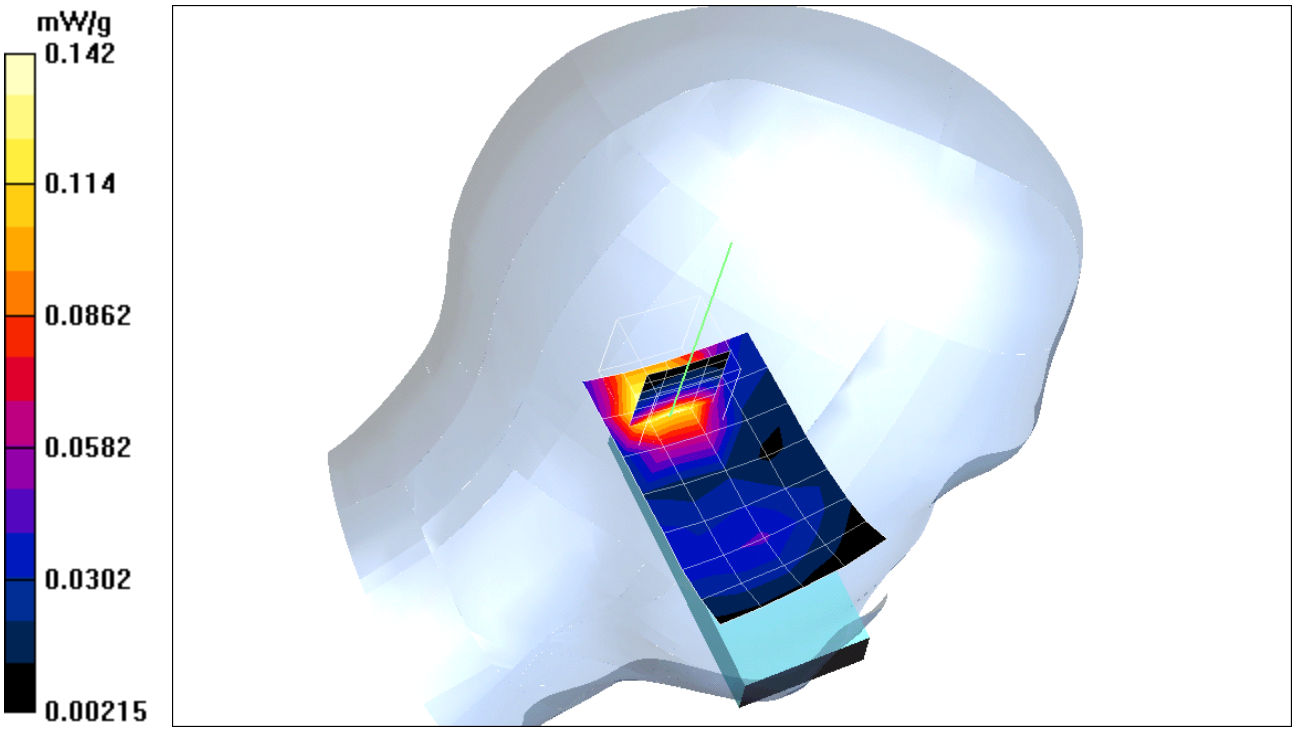
DASY4 Configuration:

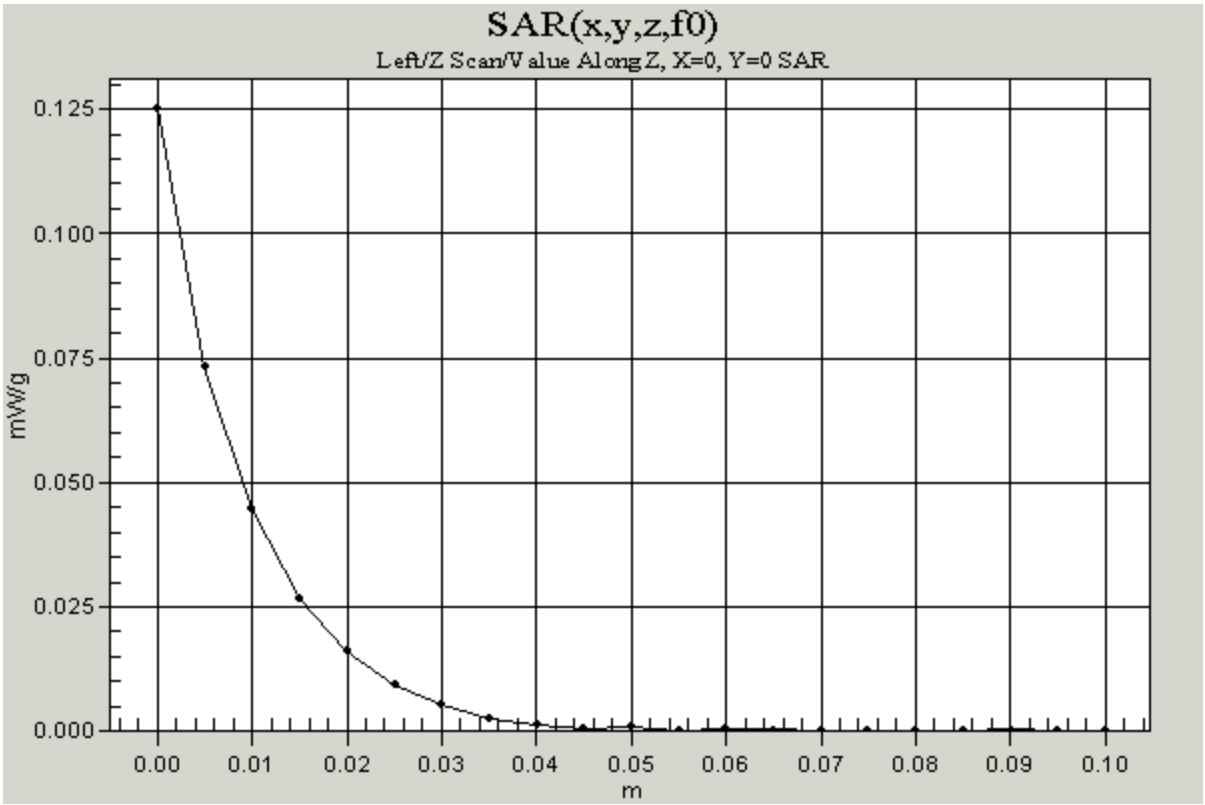
- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

tilte 810/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.1 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.142 mW/g

tilte 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.0799 mW/g
Reference Value = 10.1 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.158 mW/g

tilte 810/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 10.1 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.125 mW/g

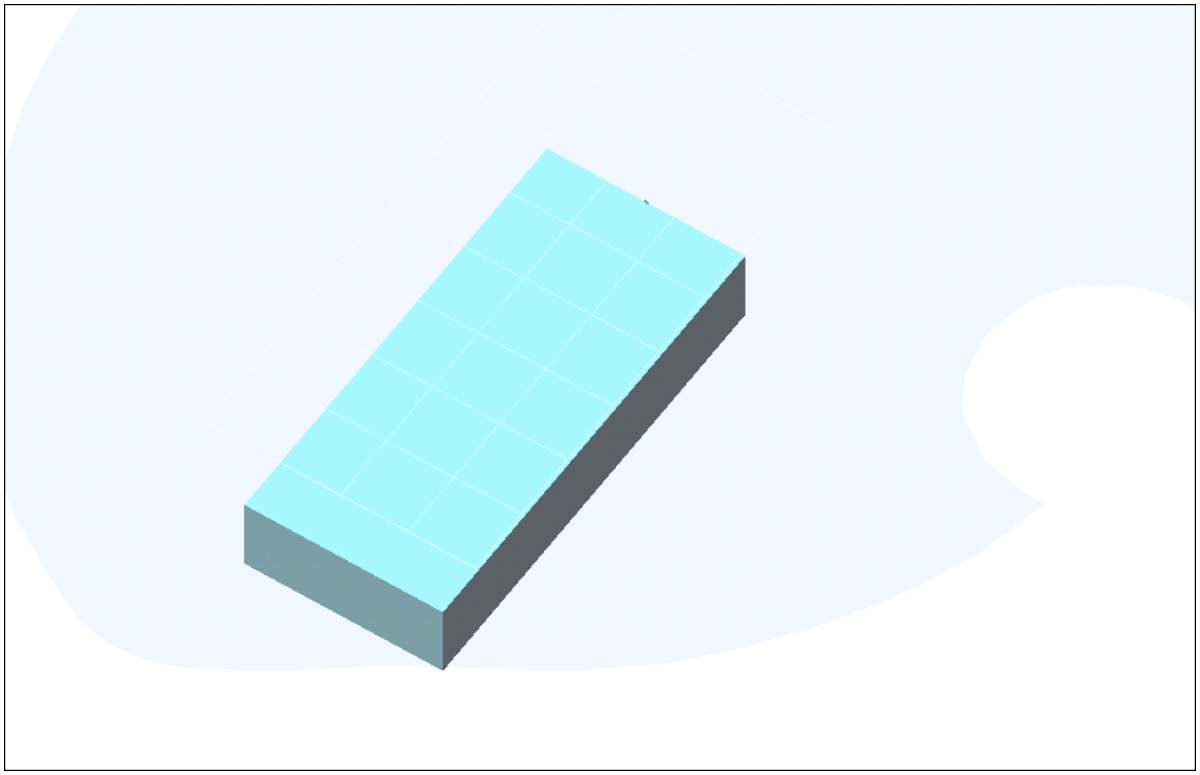

mW/g
0.142
0.114
0.0862
0.0582
0.0302
0.00215


SAR(x,y,z,f0)
Left/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.125
0.100
0.075
0.050
0.025
0.000
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 15:08:47

Test Laboratory: C&C Labratory CO., Ltd

BODY-WORM



Date/Time: 08/04/03 15:08:47

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-flet.da4

gsm1900-flet

DUT: konstanze; Type: konstanze;
Program: flat

Communication System: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.575 mho/m, ε_r = 51.3, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.4deg C

Phantom section: Flat Section

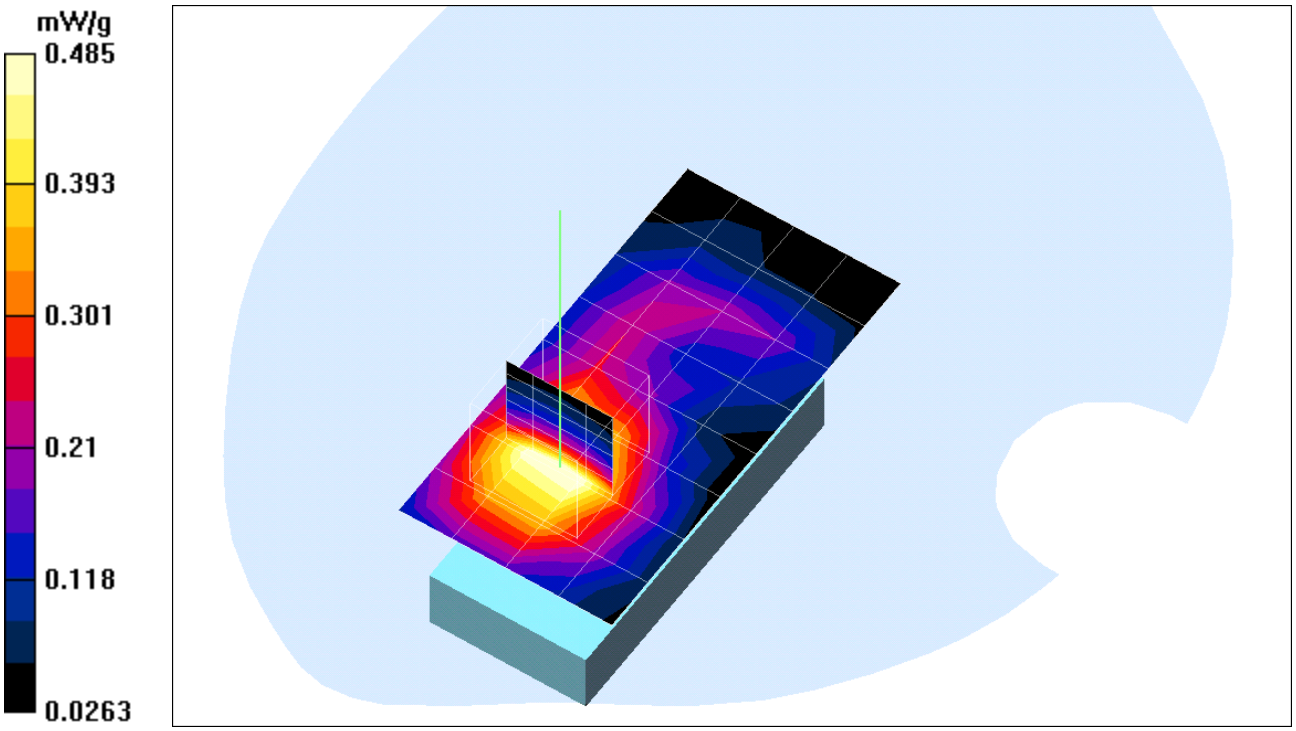
DASY4 Configuration:

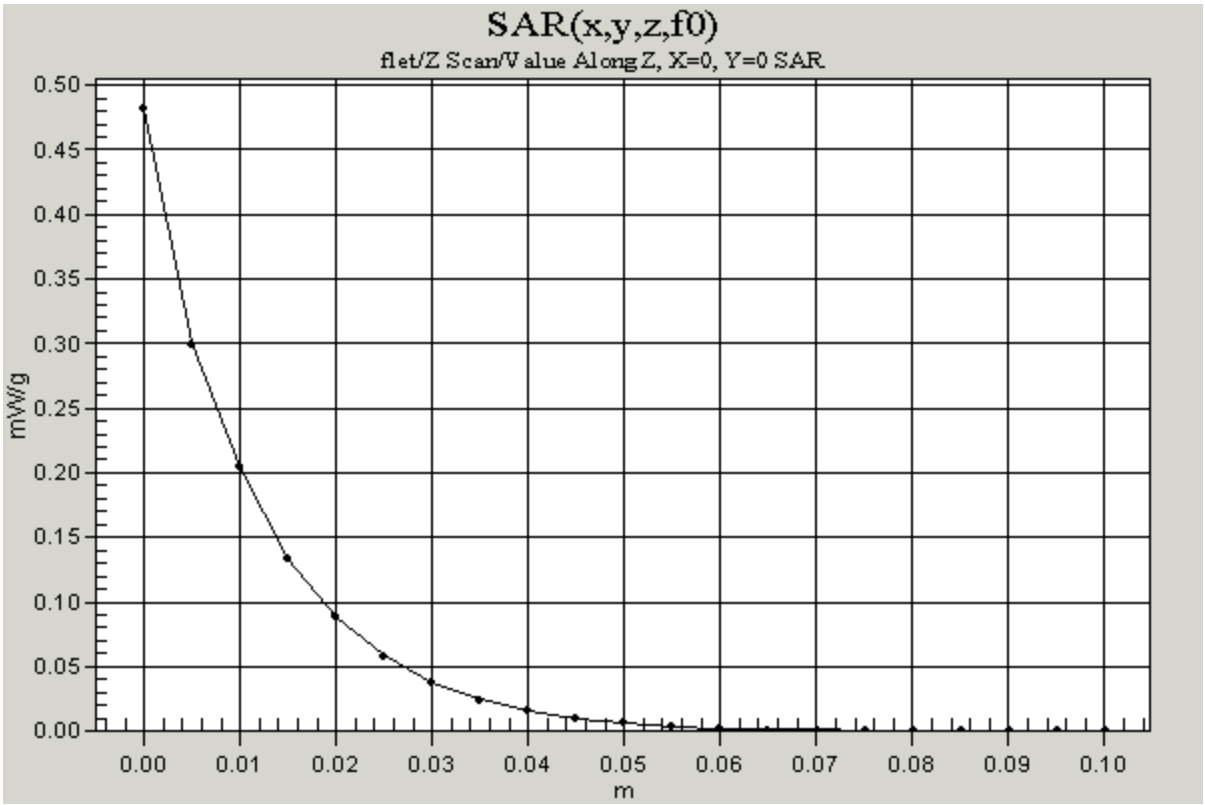
- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

gsm low/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 7.81 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.485 mW/g

gsm low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.702 W/kg
SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.305 mW/g
Reference Value = 7.81 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.519 mW/g

gsm low/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 7.81 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.482 mW/g


mW/g
0.485
0.393
0.301
0.21
0.118
0.0263


SAR(x,y,z,f0)
flet/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 15:22:11

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-flet.da4

gsm1900-flet

DUT: konstanze; Type: konstanze;
Program: flat

Communication System: GSM1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.575 mho/m, ε_r = 51.3, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.4deg C

Phantom section: Flat Section

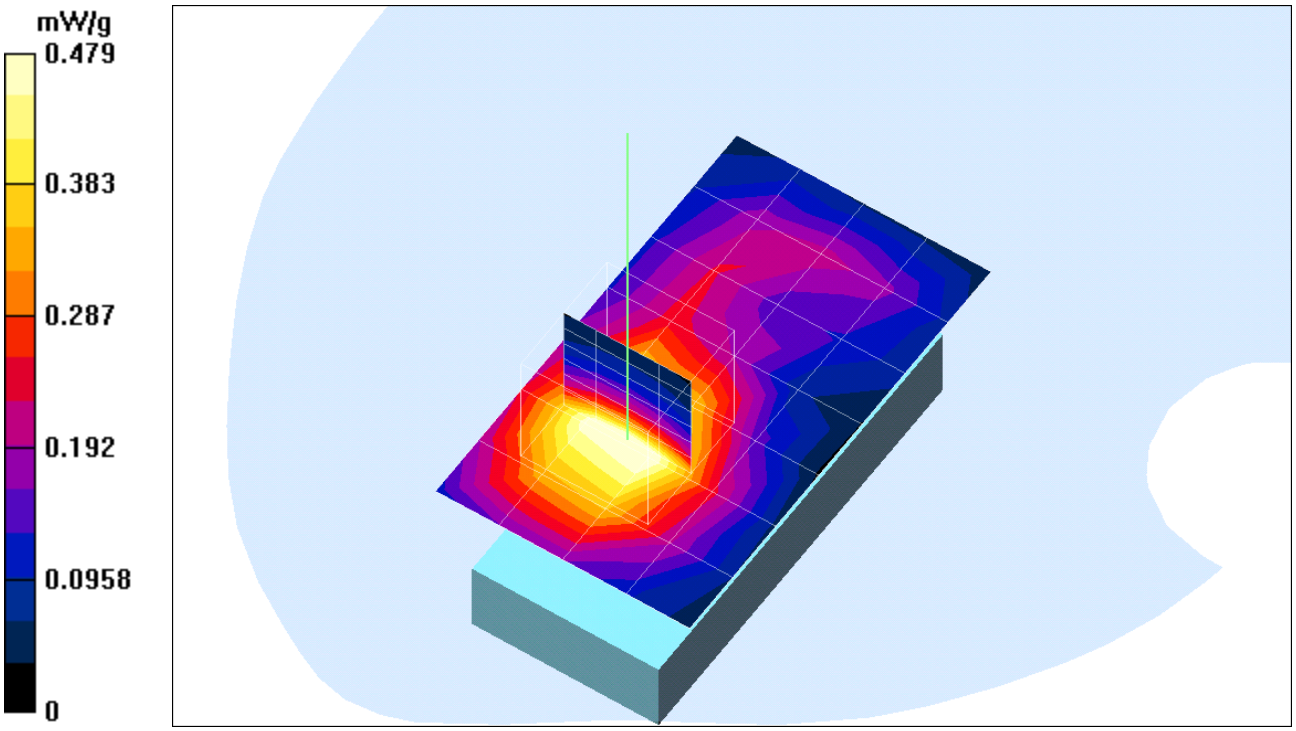
DASY4 Configuration:

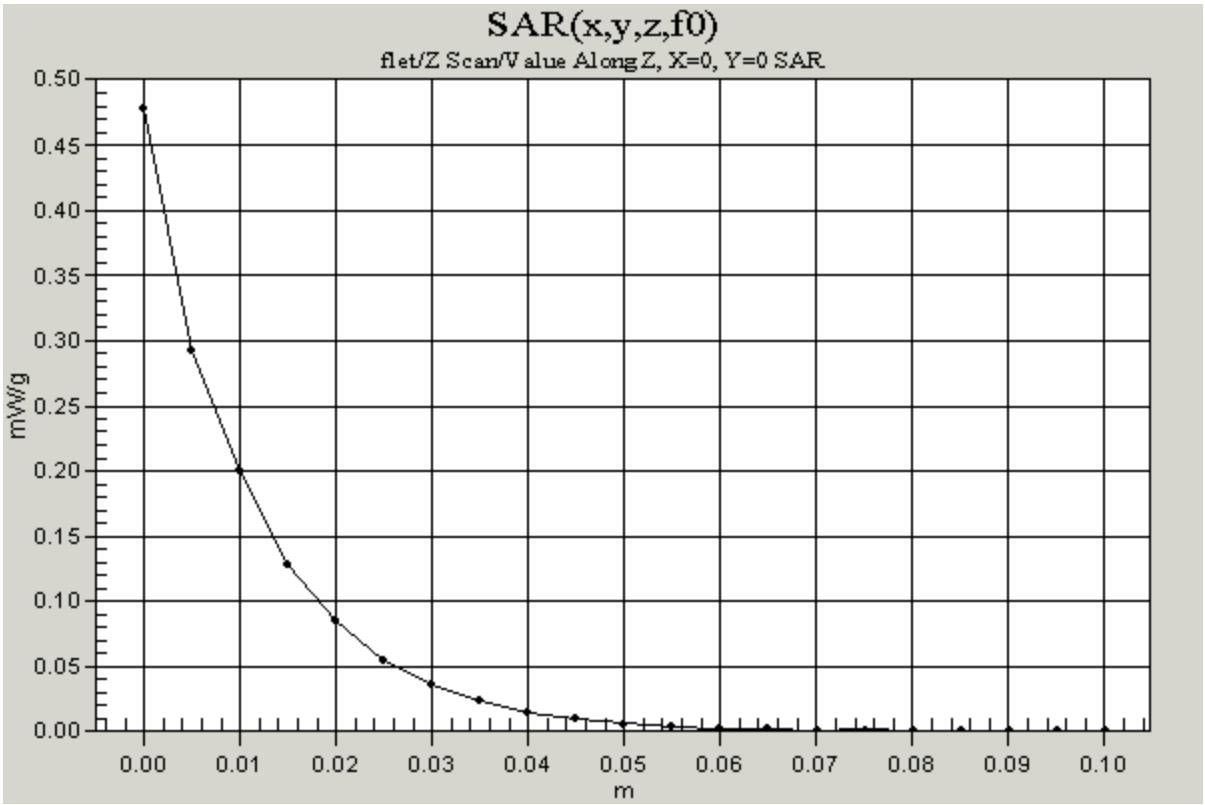
- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

gsm mid/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 7.89 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.489 mW/g

gsm mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.719 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.304 mW/g
Reference Value = 7.89 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.519 mW/g

gsm mid/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 7.89 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.479 mW/g


mW/g
0.479
0.383
0.287
0.192
0.0958
0


SAR(x,y,z,f0)
flet/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 15:55:14

Test Laboratory: C&C Labratory CO., Ltd
File Name: gsm1900-flet.da4

gsm1900-flet

DUT: konstanze; Type: konstanze;
Program: flat

Communication System: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.575 mho/m, ε_r = 51.3, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.4deg C

Phantom section: Flat Section

DASY4 Configuration:

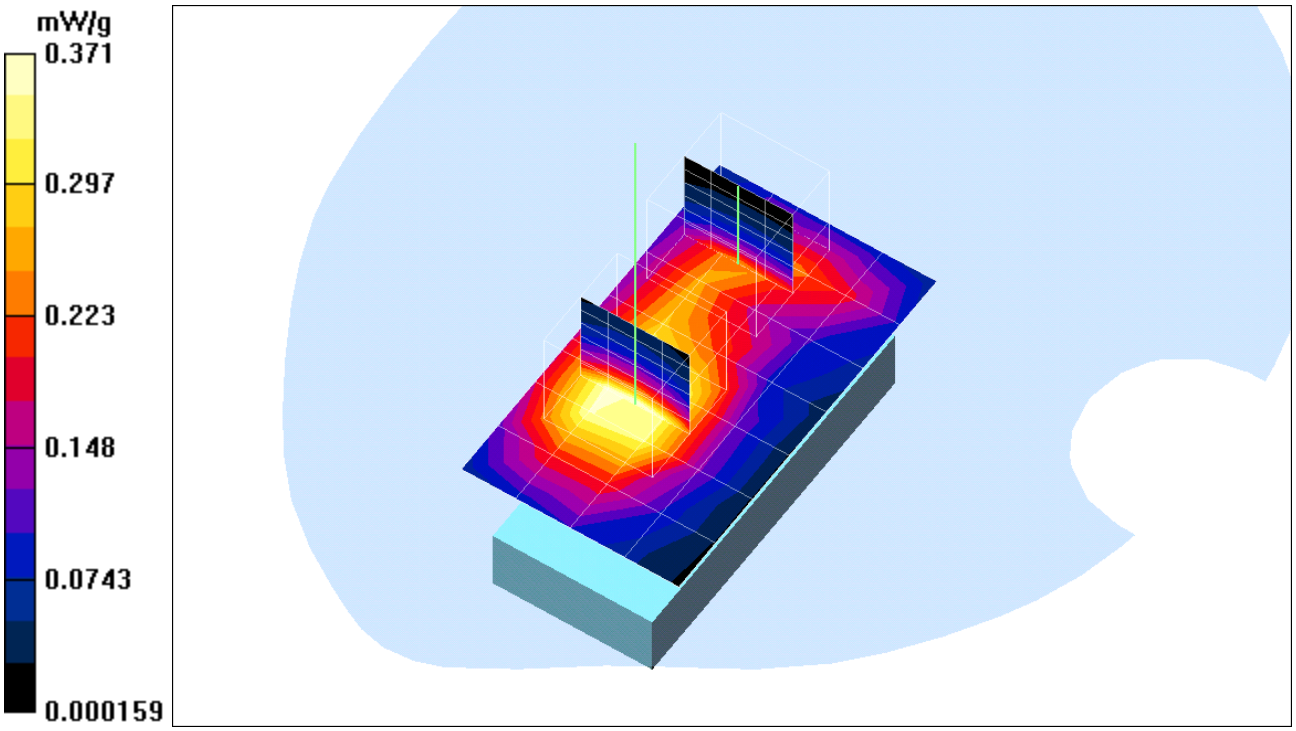
- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

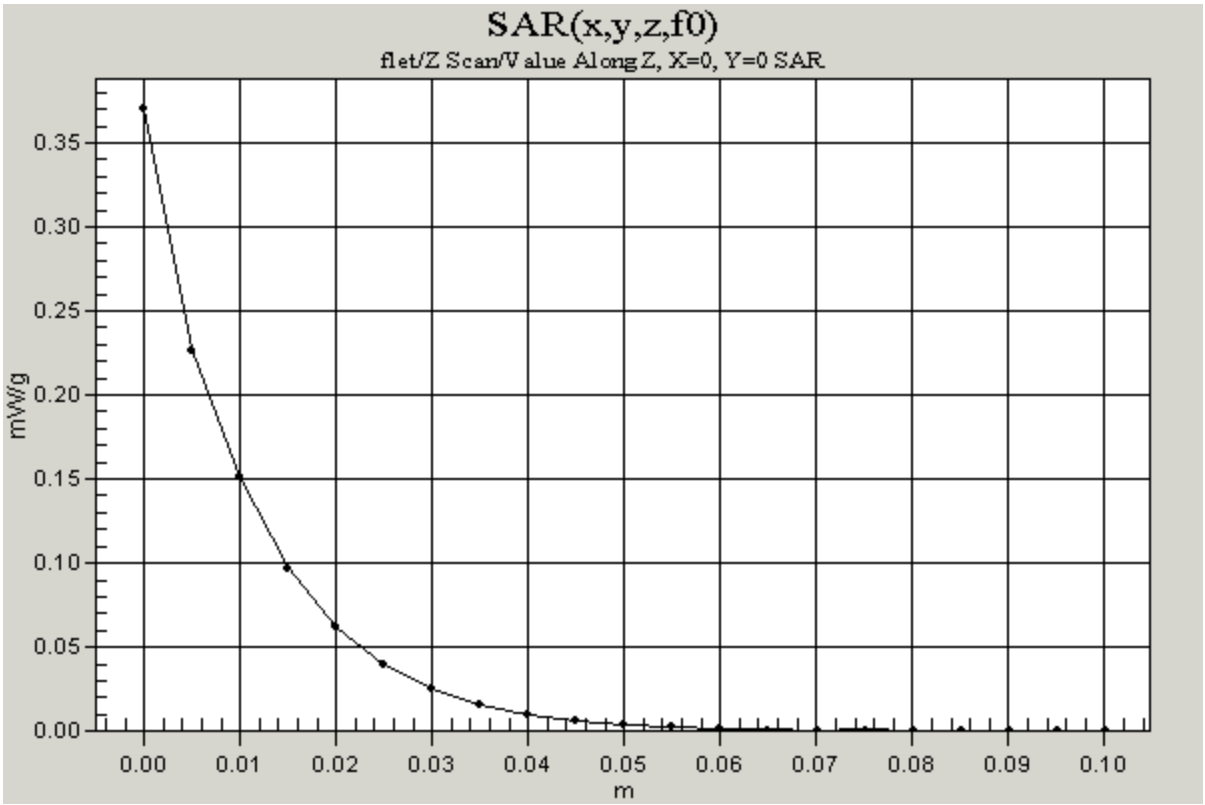
gsm high/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 9.67 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.369 mW/g

gsm high/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.38 mW/g; SAR(10 g) = 0.236 mW/g
Reference Value = 9.67 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.404 mW/g

gsm high/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.146 mW/g
Reference Value = 9.67 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.263 mW/g

gsm high/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 9.67 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.371 mW/g


mW/g
0.371
0.297
0.223
0.148
0.0743
0.000159


SAR(x,y,z,f0)
flet/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 16:22:27

Test Laboratory: C&C Labratory CO., Ltd
File Name: gprs1900-flet.da4

gprs1900-flet

DUT: konstanze; Type: konstanze;
Program: flat

Communication System: GPRS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: HSL1900 (σ = 1.575 mho/m, ε_r = 51.3, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.4deg C

Phantom section: Flat Section

DASY4 Configuration:

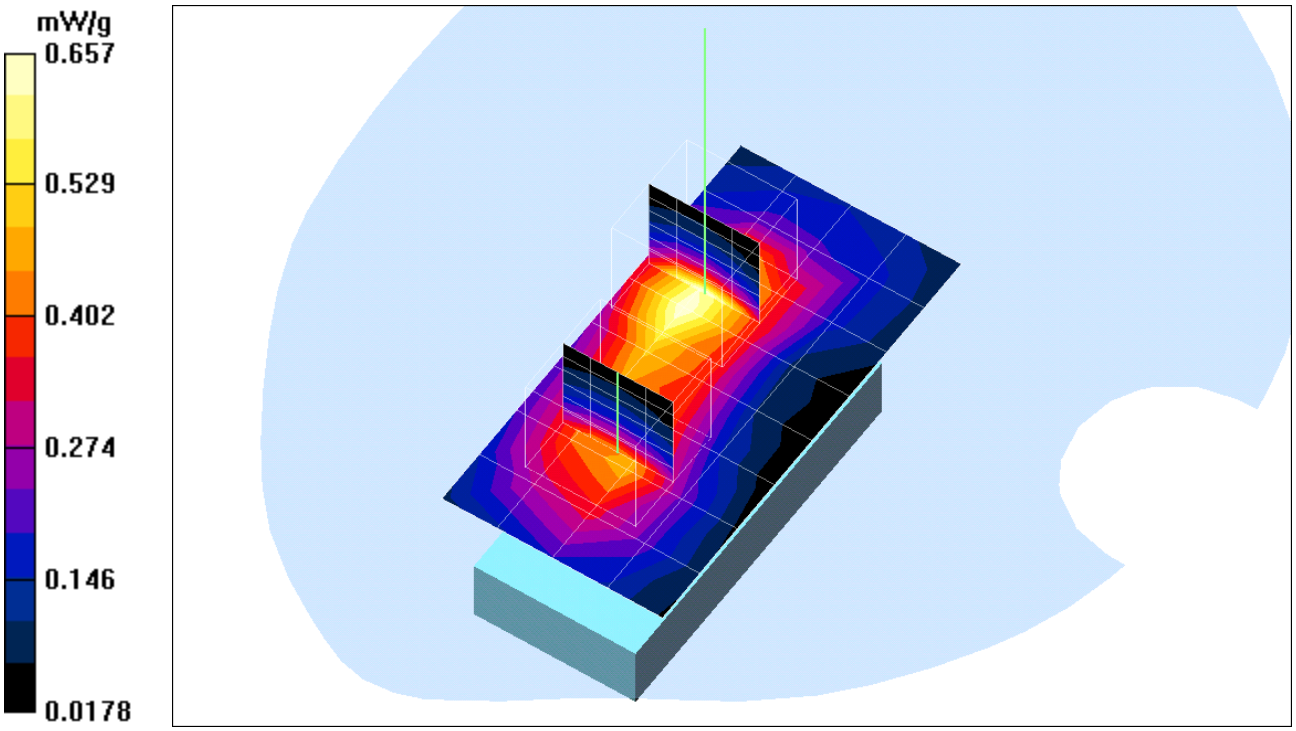
- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

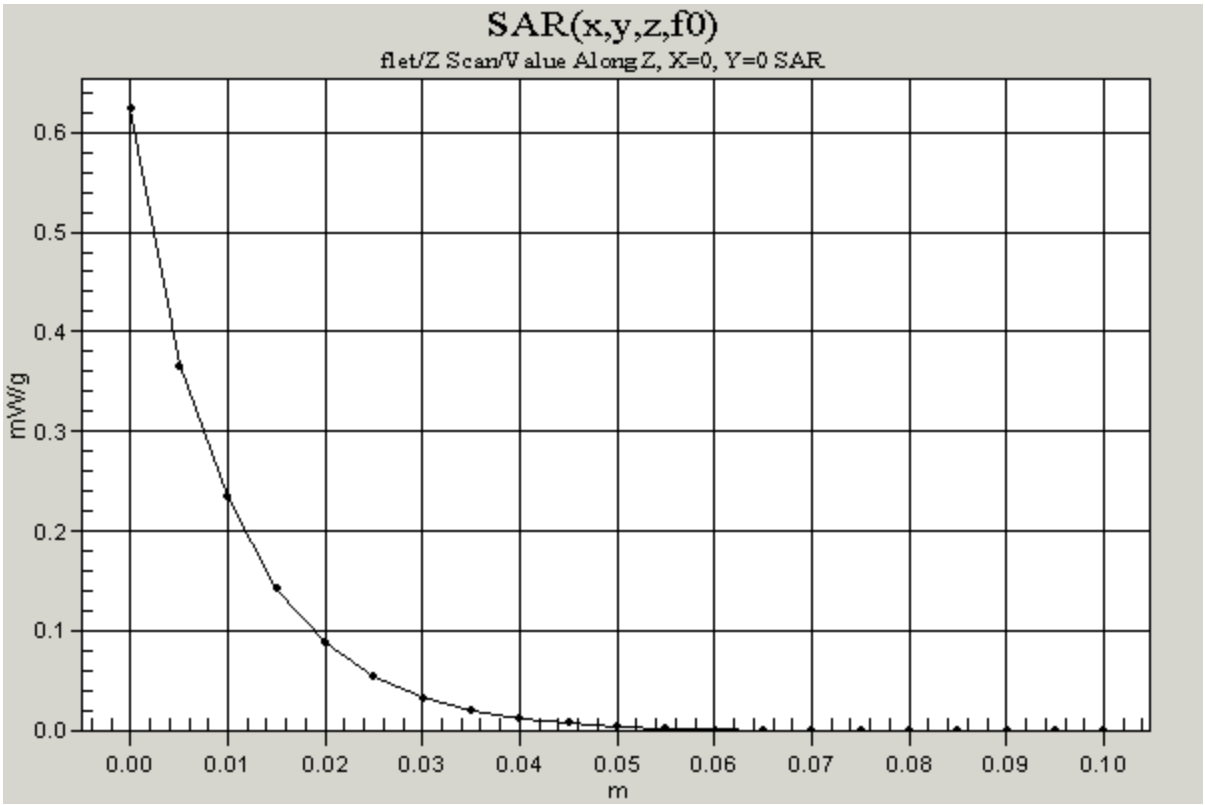
gsm low/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 13.3 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.657 mW/g

gsm low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.372 mW/g
Reference Value = 13.3 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.693 mW/g

gsm low/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.665 W/kg
SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.282 mW/g
Reference Value = 13.3 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.46 mW/g

gsm low/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 13.3 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.624 mW/g


mW/g
0.657
0.529
0.402
0.274
0.146
0.0178


SAR(x,y,z,f0)
flet/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 16:37:55

Test Laboratory: C&C Labratory CO., Ltd
File Name: gprs1900-flet.da4

gprs1900-flet

DUT: konstanze; Type: konstanze;
Program: flat

Communication System: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: HSL1900 (σ = 1.575 mho/m, ε_r = 51.3, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.4deg C

Phantom section: Flat Section

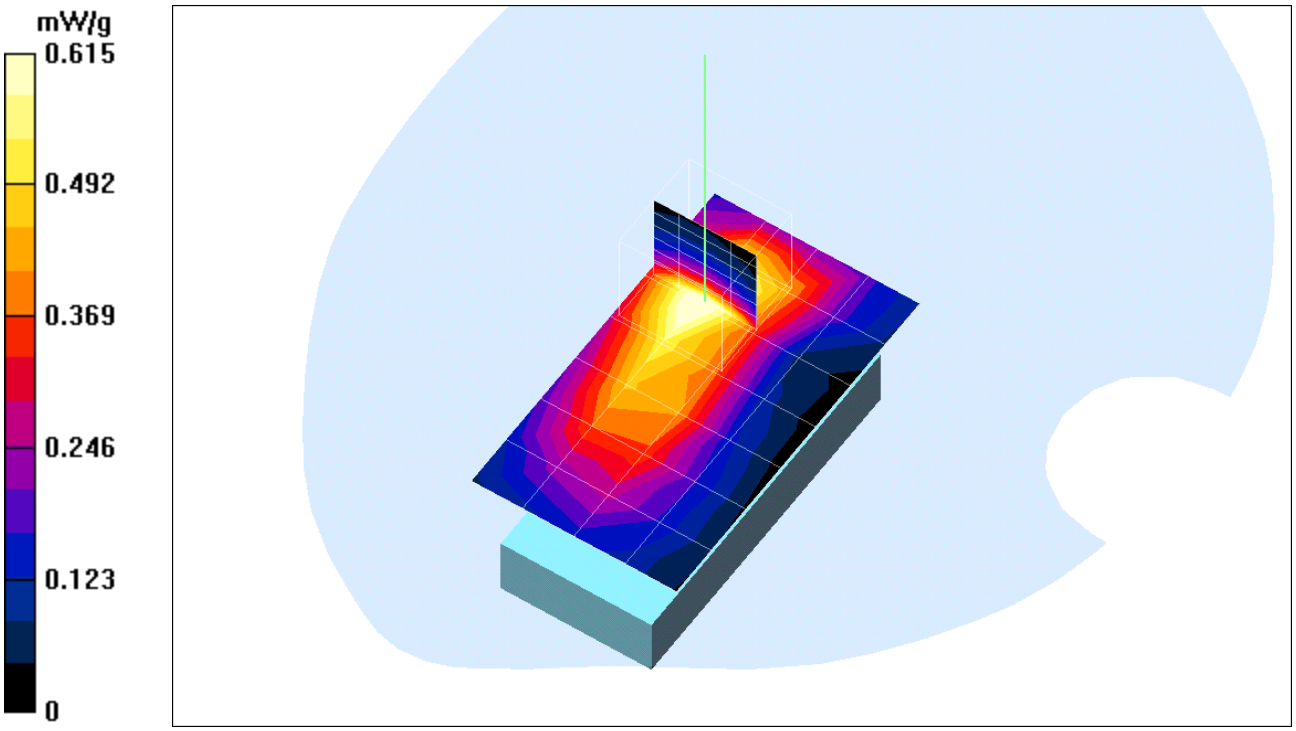
DASY4 Configuration:

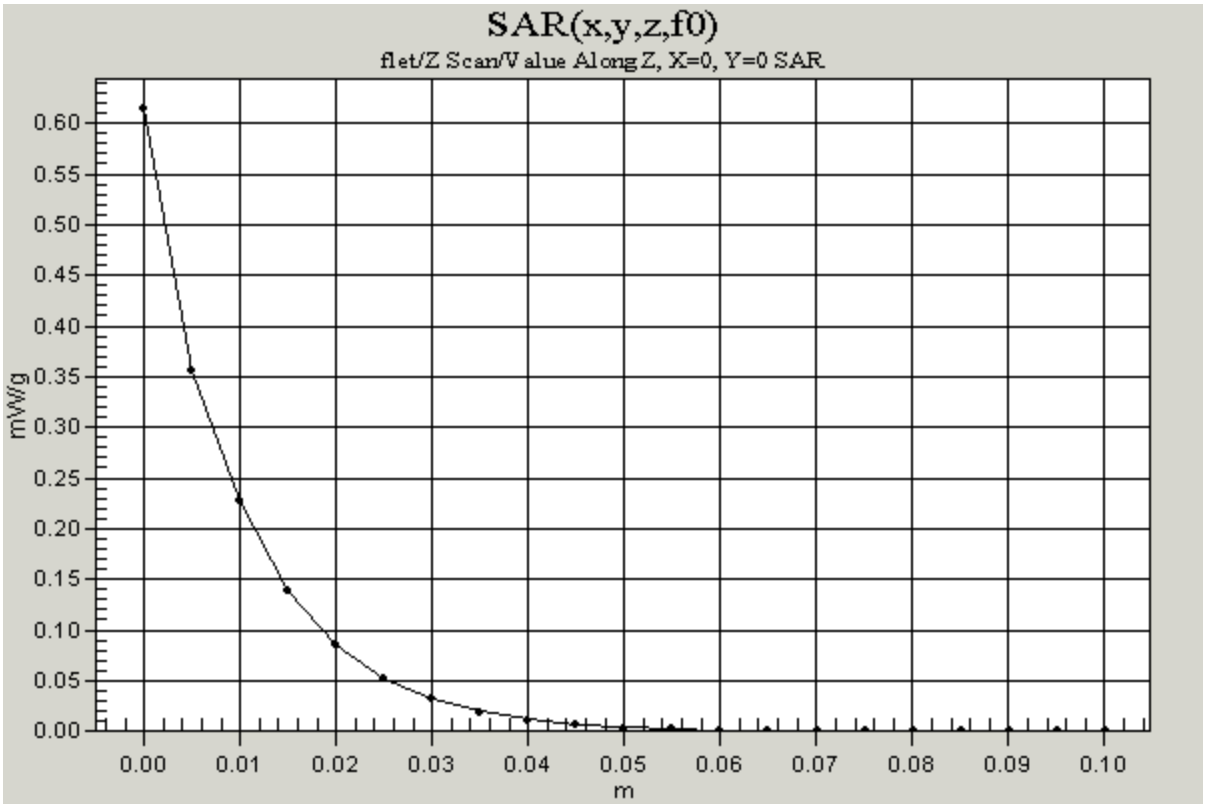
- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

gsm mid/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 13.9 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.667 mW/g

gsm mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.374 mW/g
Reference Value = 13.9 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.69 mW/g

gsm mid/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 13.9 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 0.615 mW/g


mW/g
0.615
0.492
0.369
0.246
0.123
0


SAR(x,y,z,f0)
flet/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 16:59:09

Test Laboratory: C&C Labratory CO., Ltd
File Name: gprs1900-flet.da4

gprs1900-flet

DUT: konstanze; Type: konstanze;
Program: flat

Communication System: GPRS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: HSL1900 (σ = 1.575 mho/m, ε_r = 51.3, ρ = 1000 kg/m^3)
Air Temperature 25.9 deg C ; liquid Temperature 25.4deg C

Phantom section: Flat Section

DASY4 Configuration:

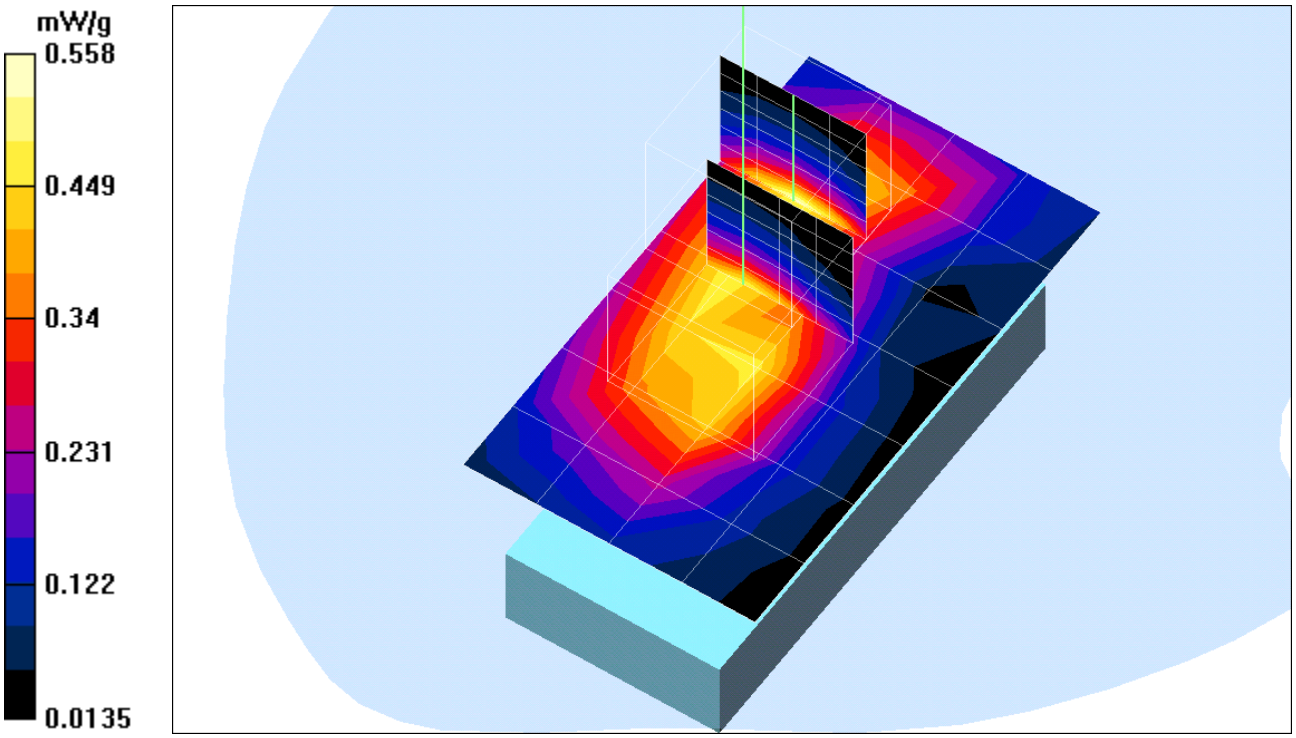
- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

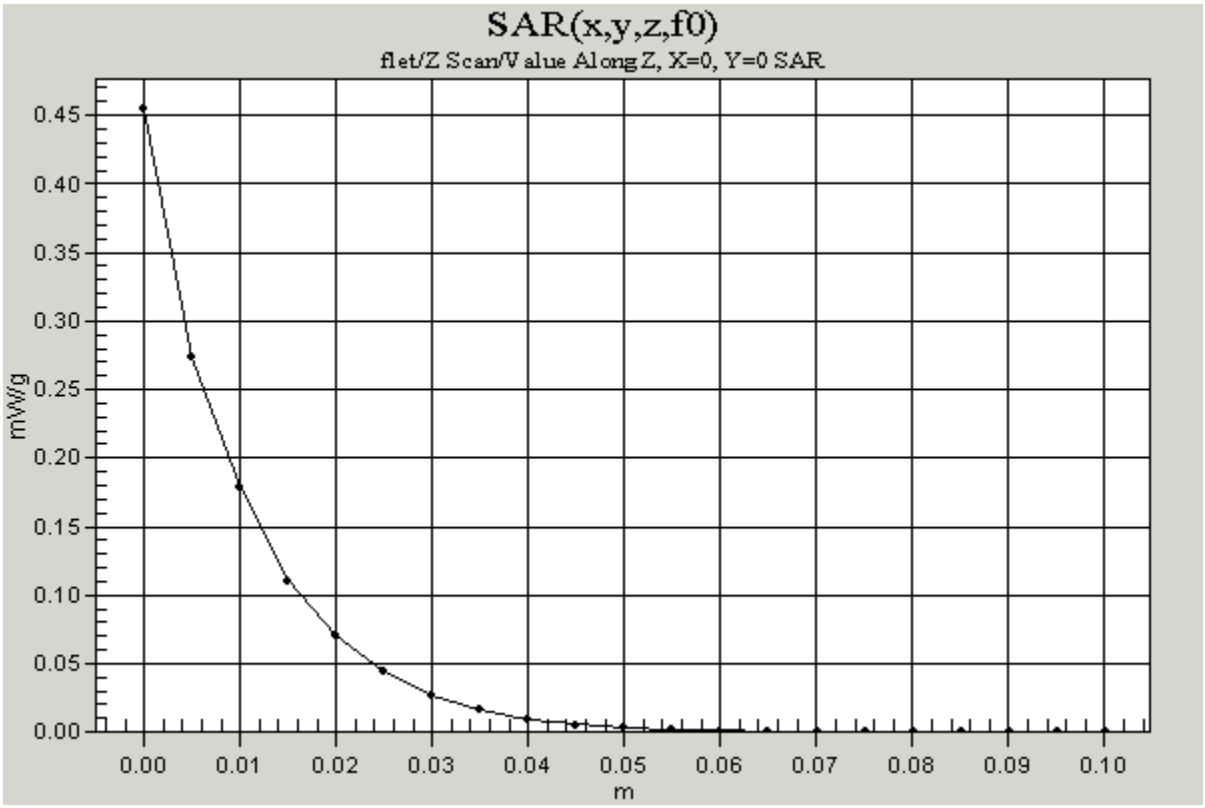
gsm high/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 12.3 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.493 mW/g

gsm high/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.708 W/kg
SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.291 mW/g
Reference Value = 12.3 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.499 mW/g

gsm high/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.303 mW/g
Reference Value = 12.3 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.558 mW/g

gsm high/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 12.3 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 0.455 mW/g

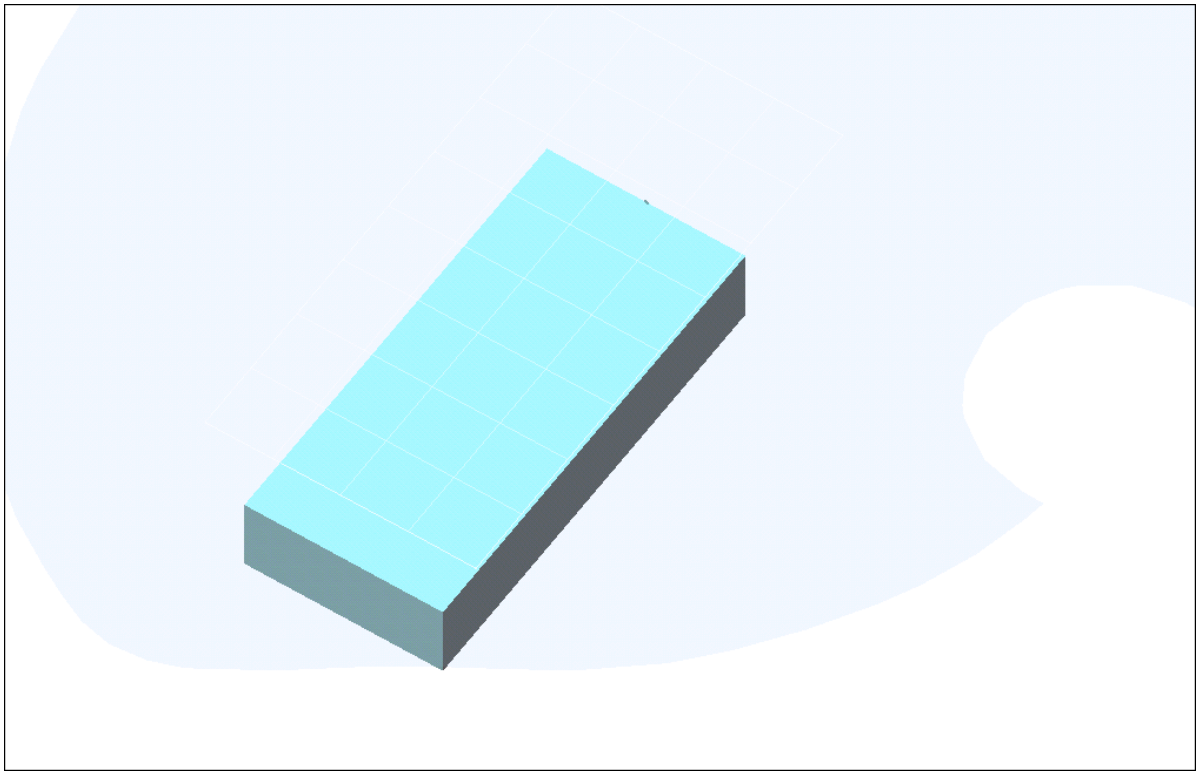

mW/g
0.558
0.449
0.34
0.231
0.122
0.0135


SAR(x,y,z,f0)
flet/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 08/04/03 15:08:47

Test Laboratory: C&C Labratory CO., Ltd

Co-Location (Worst)



Date/Time: 08/27/03 19:51:12

Test Laboratory: Compliance Certification Services Inc.
File Name: gsm1900-right-colocation.da4

gsm1900-right-colocation

DUT: konstanze; Type: konstanze;
Program: right

Communication System: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL1900 (σ = 1.4621 mho/m, ε_r = 38.6542, ρ = 1000 kg/m^3)
Phantom section: Right Section Air Temp 25.8 deg C ; Liquid Temp 25.3 deg C

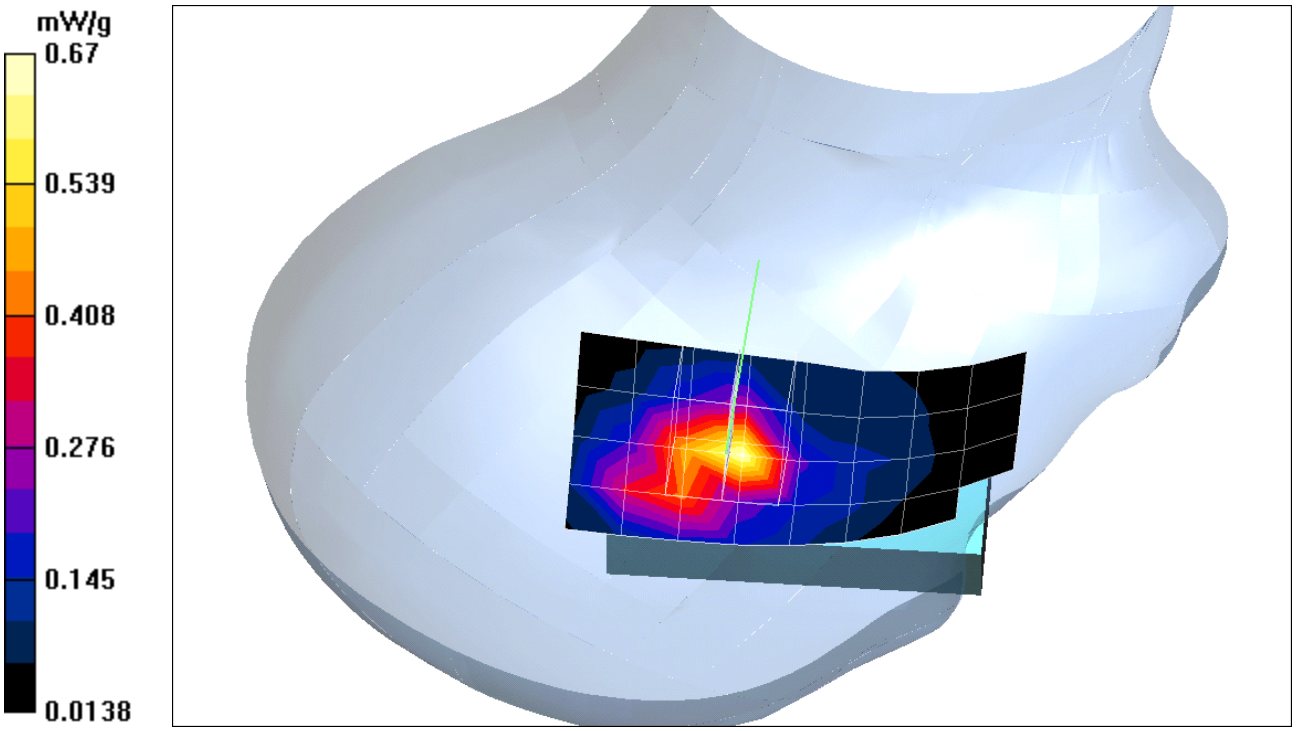
DASY4 Configuration:

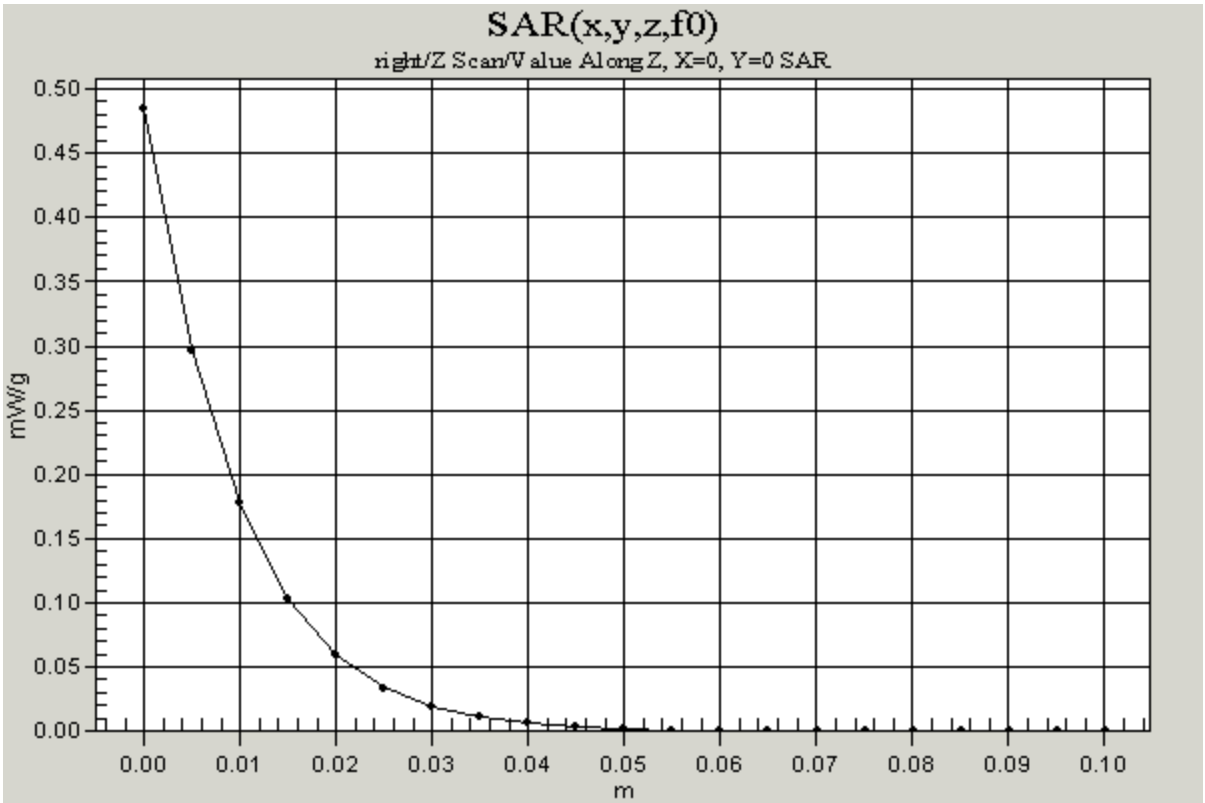
- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
  Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

touch 512/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 14.6 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.648 mW/g

touch 512/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 14.6 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.485 mW/g

touch 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.944 W/kg
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.328 mW/g
Reference Value = 14.6 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.67 mW/g


mW/g
0.67
0.539
0.408
0.276
0.145
0.0138


SAR(x,y,z,f0)
right/Z Scan/Value Along Z, X=0, Y=0 SAR
mW/g
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m