

Date/Time: 2005-12-22 14:53:55

Test Laboratory: Sony Ericsson Mobile Communications
File Name: [ch512_Left_Cheek_051222_RP.da4](#)

DUT: PY7A1022041; Type: GSM 1900; Serial: #3711
Program Name: SAR Measurement on the Head

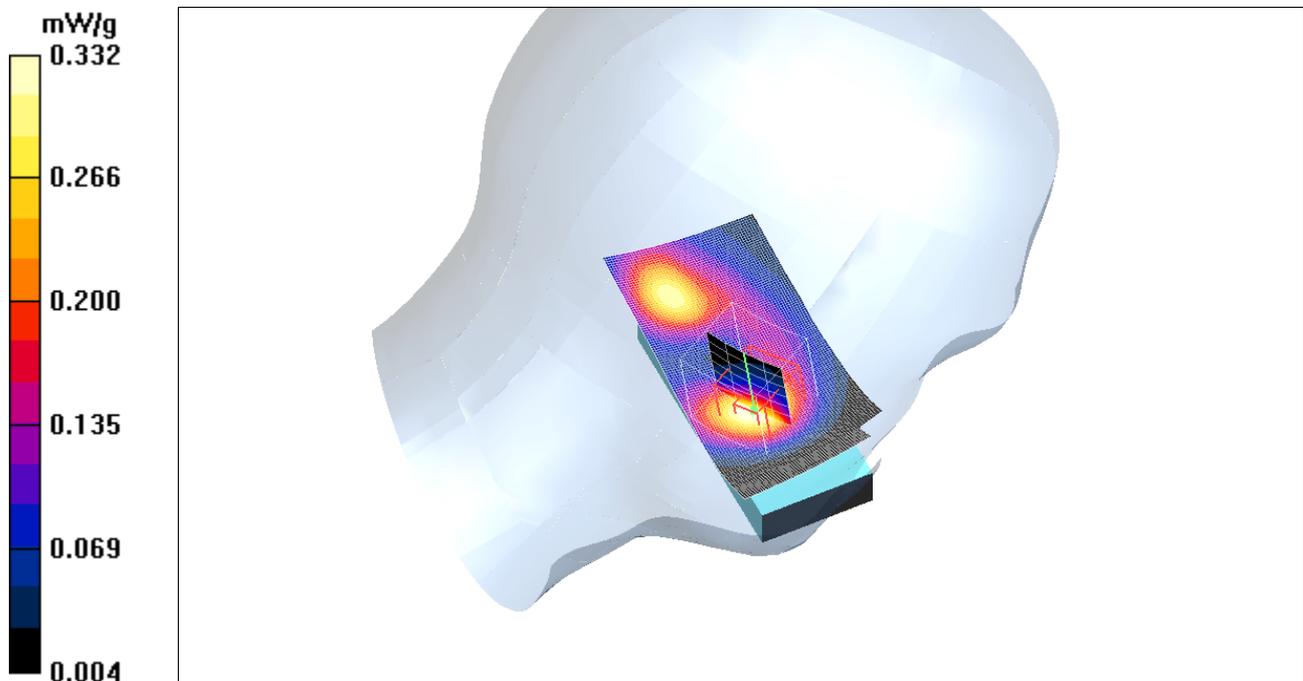
Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(5.31, 5.31, 5.31); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2005-03-15
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Left, Cheek/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Left, Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.332 mW/g



Date/Time: 2005-12-27 10:39:52

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [Verification Measurement 1900MHz_051227_RP.da4](#)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002
Program Name: Verification Measurement with BSL

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn433; Calibrated: 2005-03-15

- Phantom: SAM 6; Type: SAM; Serial: 1351

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Flat, 10mm/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.46 mW/g

Flat, 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.0 V/m; Power Drift = -0.024 dB

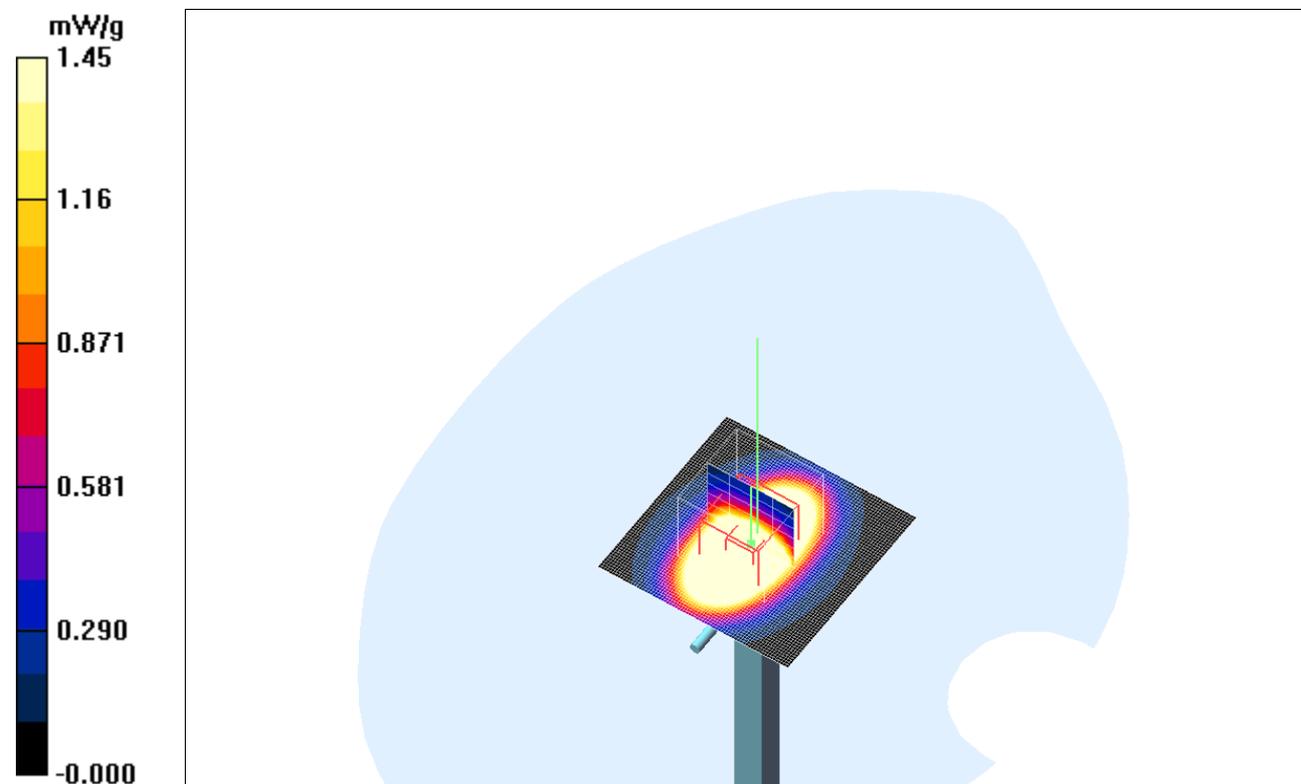
Peak SAR (extrapolated) = 6.55 W/kg

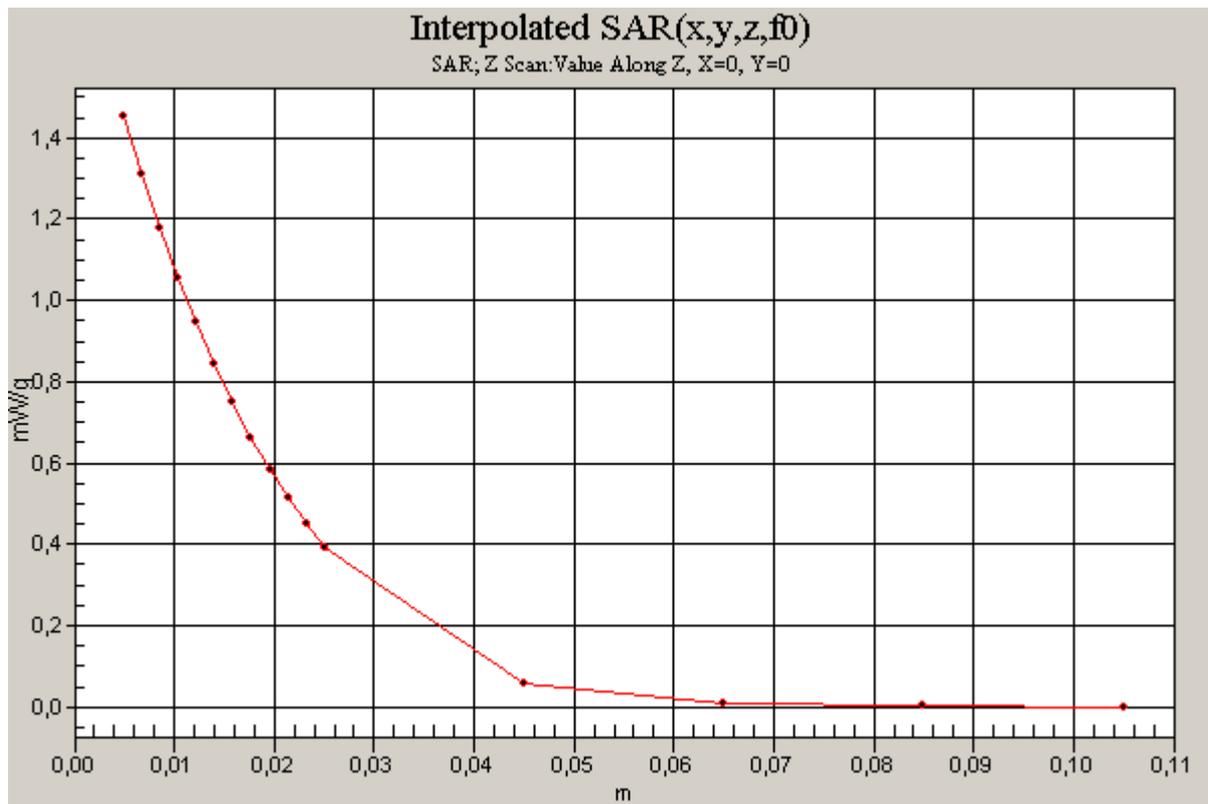
SAR(1 g) = 3.91 mW/g; SAR(10 g) = 2.08 mW/g

Maximum value of SAR (measured) = 4.41 mW/g

Flat, 10mm/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 1.45 mW/g





Date/Time: 2005-12-22 10:26:42

Test Laboratory: Sony Ericsson Mobile Communications
 File Name: [ch810_Right_Cheek_051222_RP.da4](#)

DUT: PY7A1022041; Type: GSM 1900; Serial: #3711
Program Name: SAR Measurement on the Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used (extrapolated): $f = 1909.8$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(5.31, 5.31, 5.31); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2005-03-15
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Right, Cheek/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.532 mW/g

Right, Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.071 dB

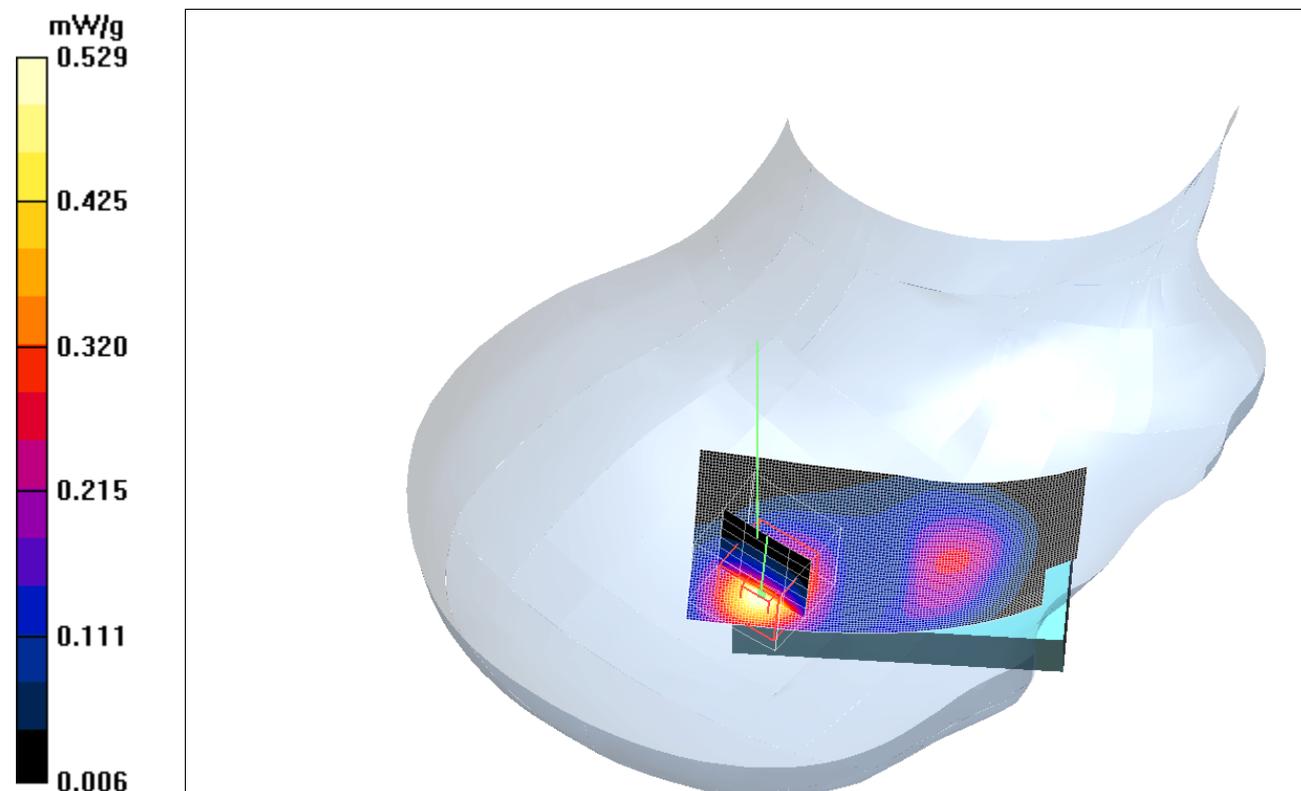
Peak SAR (extrapolated) = 0.903 W/kg

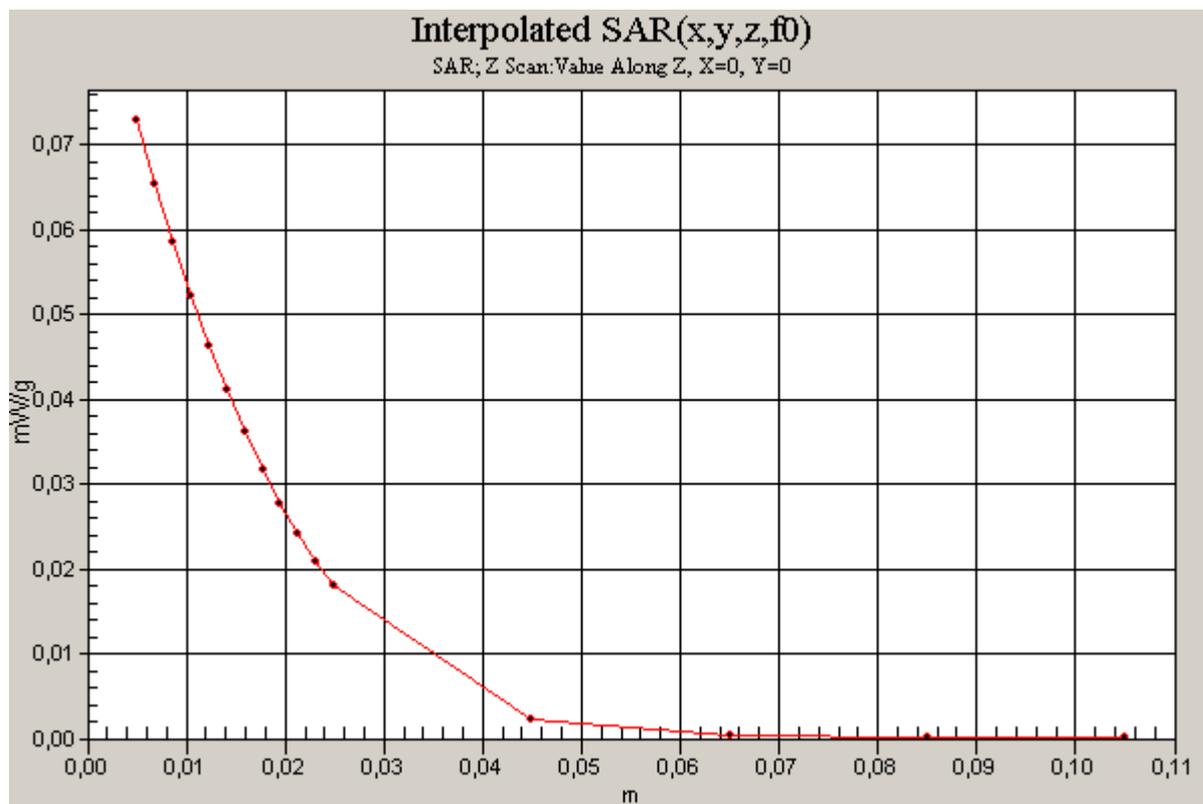
SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.529 mW/g

Right, Cheek/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 0.073 mW/g





Date/Time: 2005-12-27 14:49:12

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch810_Flat_15mm_HF_BackToPh_051227_RP.da4](#)

DUT: PY7A1022041; Type: GSM Triple Band; Serial: #3711
Program Name: SAR Body Measurement

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn433; Calibrated: 2005-03-15

- Phantom: SAM 6; Type: SAM; Serial: 1351

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Flat, 15mm/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.479 mW/g

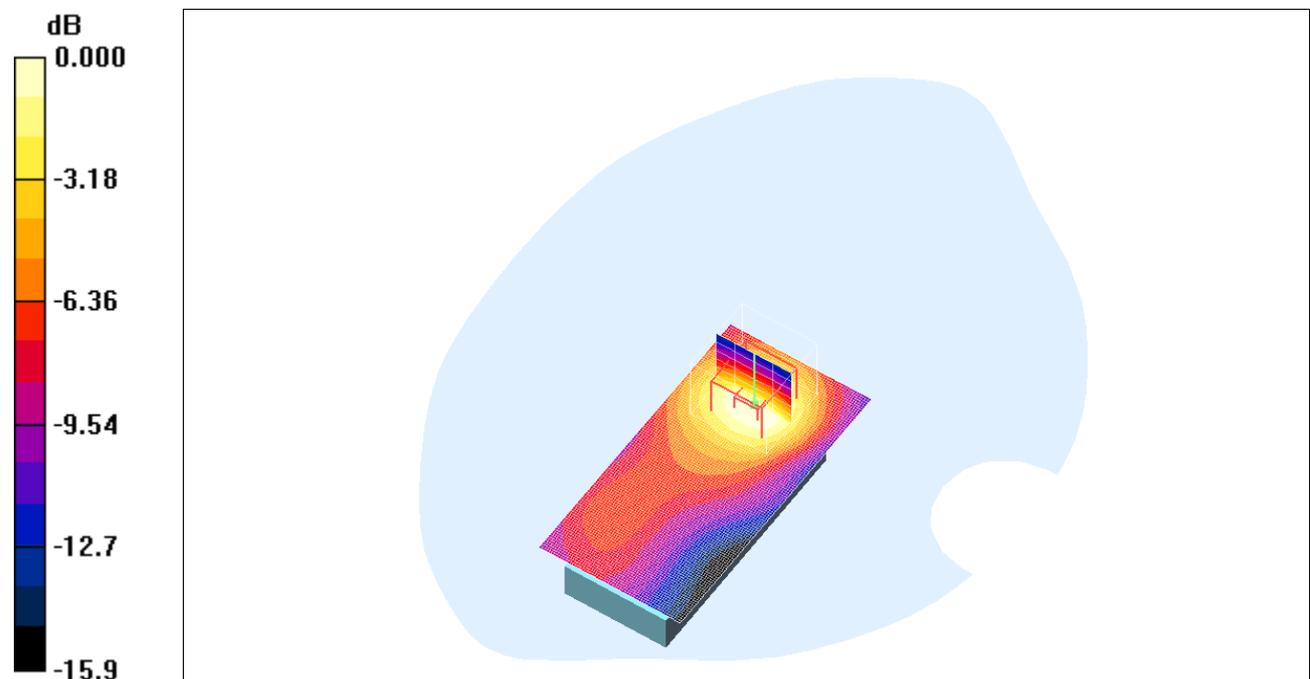
Flat, 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.473 mW/g



0 dB = 0.473mW/g

Date/Time: 2005-12-27 13:50:45

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch810_Flat_15mm_GPRS2Slots_FrontToPh_051227_RP.da4](#)

DUT: PY7A1022041; Type: GSM Triple Band; Serial: #3711
Program Name: SAR Body Measurement

Communication System: GSM1900_GPRS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2005-03-15
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Flat, 15mm/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.167 mW/g

Flat, 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.99 V/m; Power Drift = 0.008 dB

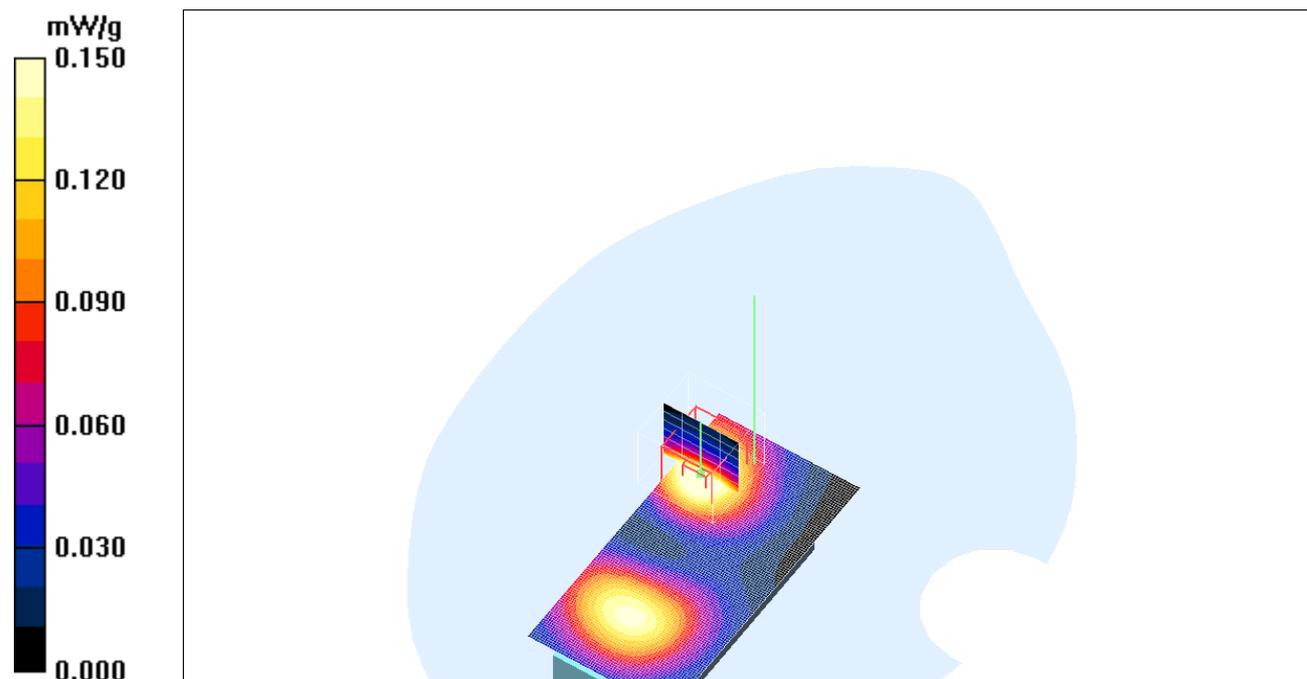
Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.163 mW/g

Flat, 15mm/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 0.034 mW/g



Date/Time: 2005-12-27 13:31:56

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch810_Flat_15mm_GPRS2Slots_BackToPh_051227_RP.da4](#)

DUT: PY7A1022041; Type: GSM Triple Band; Serial: #3711
Program Name: SAR Body Measurement

Communication System: GSM1900_GPRS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2005-03-15
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Flat, 15mm/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.828 mW/g

Flat, 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.1 V/m; Power Drift = -0.132 dB

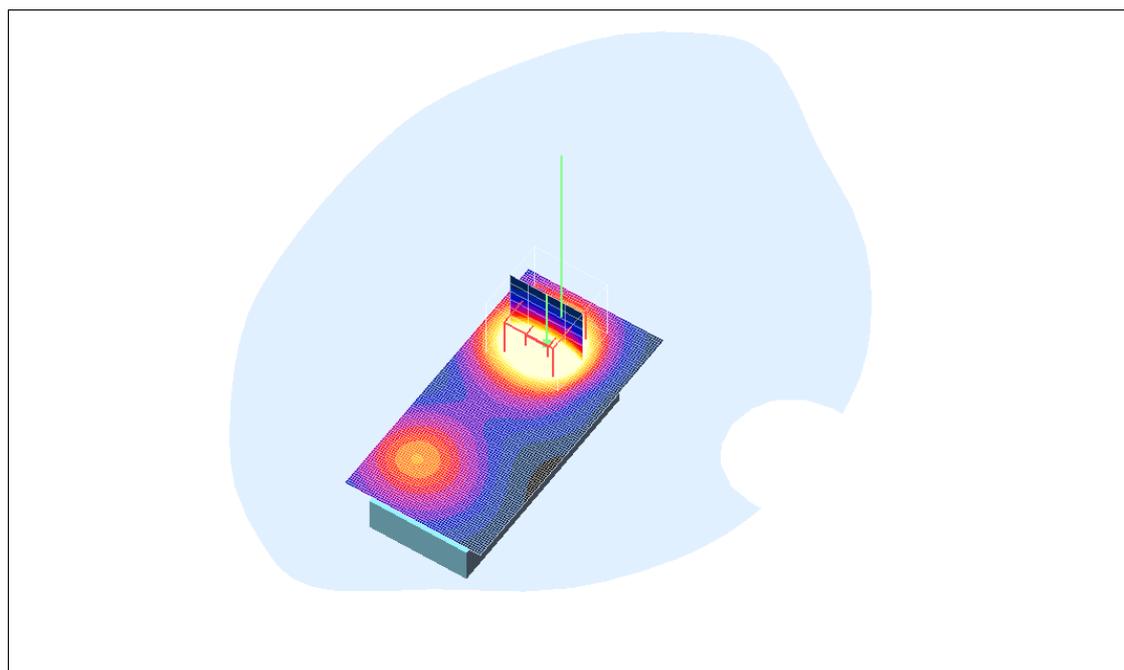
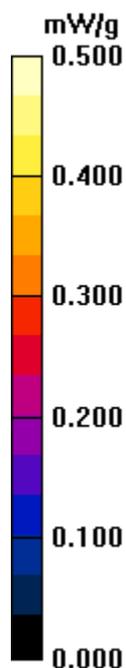
Peak SAR (extrapolated) = 1.20 W/kg

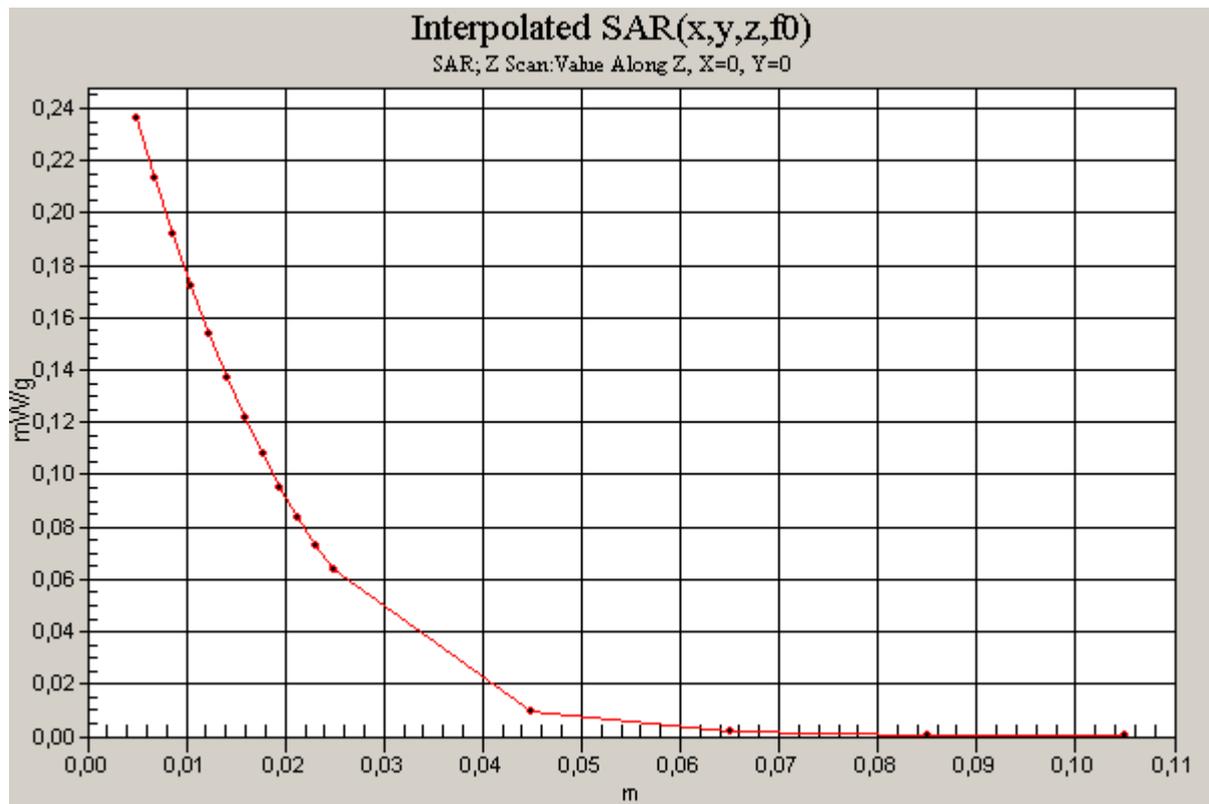
SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.816 mW/g

Flat, 15mm/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 0.236 mW/g





Date/Time: 2005-12-22 12:15:43

Test Laboratory: Sony Ericsson Mobile Communications
 File Name: [ch512_Right_Tilt_051222_RP.da4](#)

DUT: PY7A1022041; Type: GSM 1900; Serial: #3711
Program Name: SAR Measurement on the Head

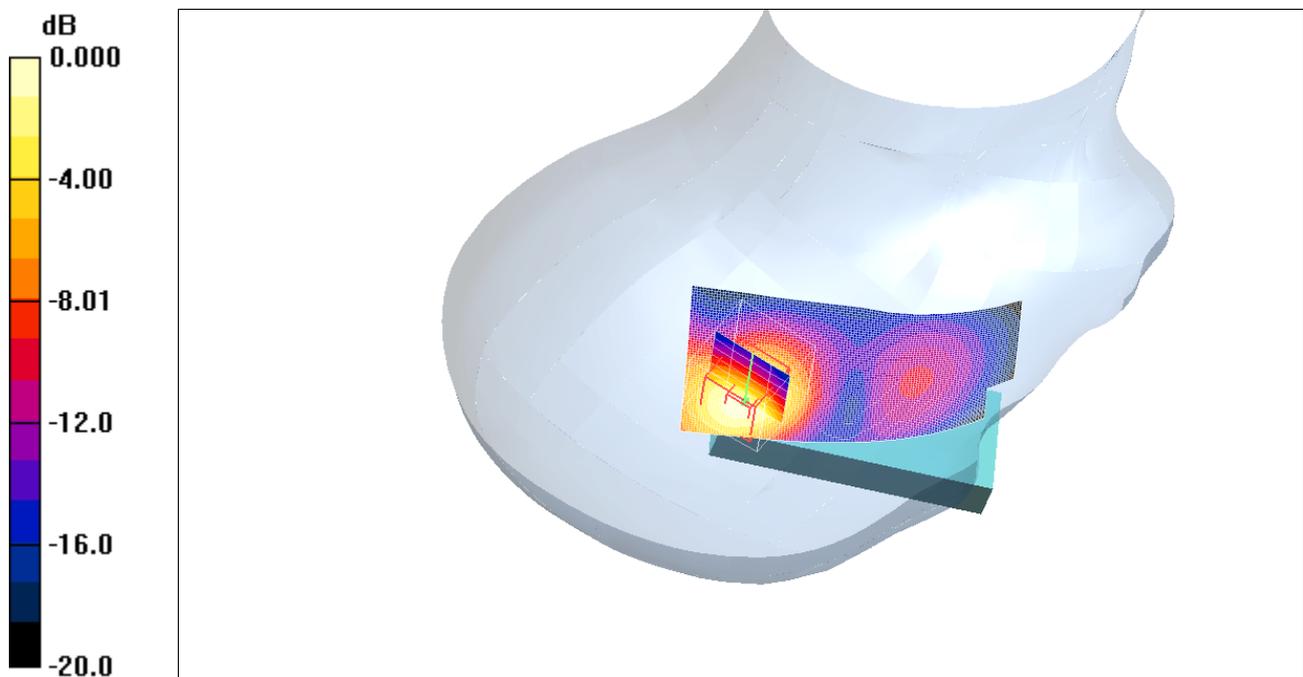
Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(5.31, 5.31, 5.31); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2005-03-15
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Right, Tilt/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.509 mW/g

Right, Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.8 V/m; Power Drift = -0.024 dB
 Peak SAR (extrapolated) = 0.837 W/kg
SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.222 mW/g
 Maximum value of SAR (measured) = 0.515 mW/g



0 dB = 0.515mW/g

Date/Time: 2005-12-22 13:17:40

Test Laboratory: Sony Ericsson Mobile Communications
 File Name: [ch512_Left_Tilt_051222_RP.da4](#)

DUT: PY7A1022041; Type: GSM 1900; Serial: #3711
Program Name: SAR Measurement on the Head

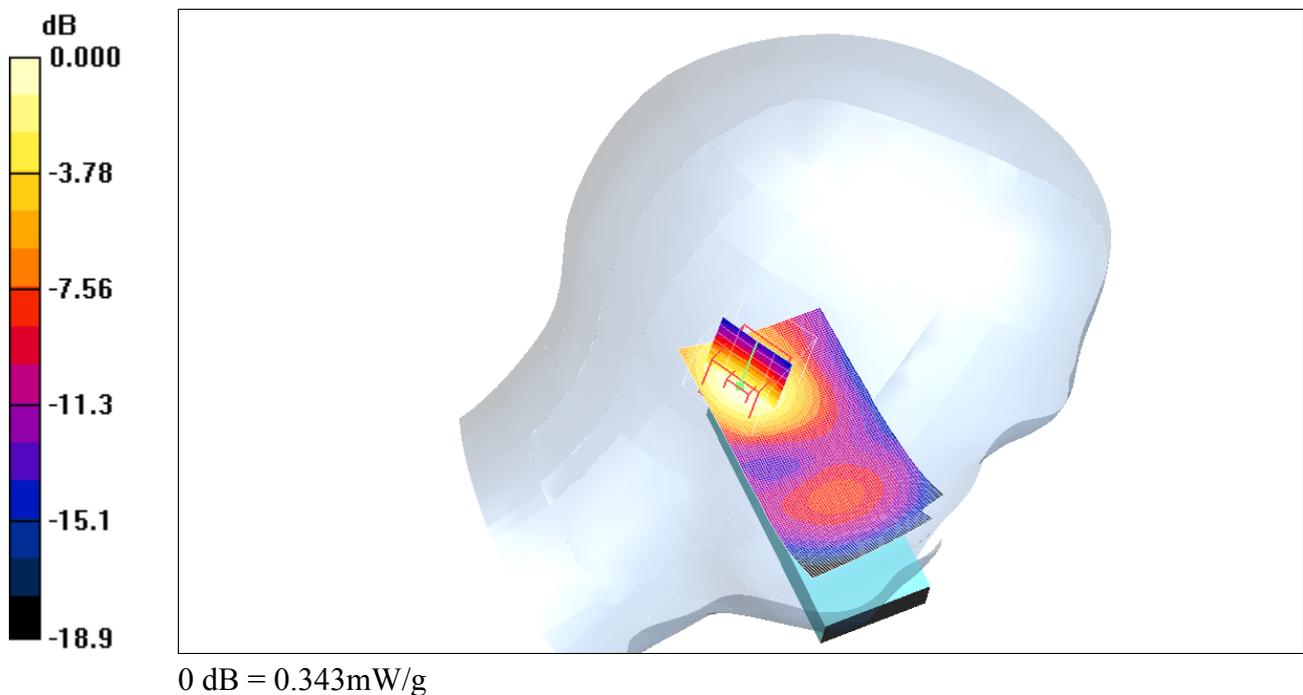
Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(5.31, 5.31, 5.31); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2005-03-15
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Left, Tilt/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.335 mW/g

Left, Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.4 V/m; Power Drift = 0.026 dB
 Peak SAR (extrapolated) = 0.523 W/kg
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.167 mW/g
 Maximum value of SAR (measured) = 0.343 mW/g



Date/Time: 2005-12-22 08:31:56

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [Verification Measurement 1900MHz_051222_RP.da4](#)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002
Program Name: Verification Measurement with HSL

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(5.31, 5.31, 5.31); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2005-03-15
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Flat,10mm/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.47 mW/g

Flat,10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.0 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 6.93 W/kg

SAR(1 g) = 3.92 mW/g; SAR(10 g) = 2.03 mW/g

Maximum value of SAR (measured) = 4.42 mW/g

Flat,10mm/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

