

Date/Time: 06/10/05 13:39:15

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch512_Body_HFCable_Front_15mm_050610_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial: CB50151UG3****Program Name: GSM1900 body**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.057 mW/g

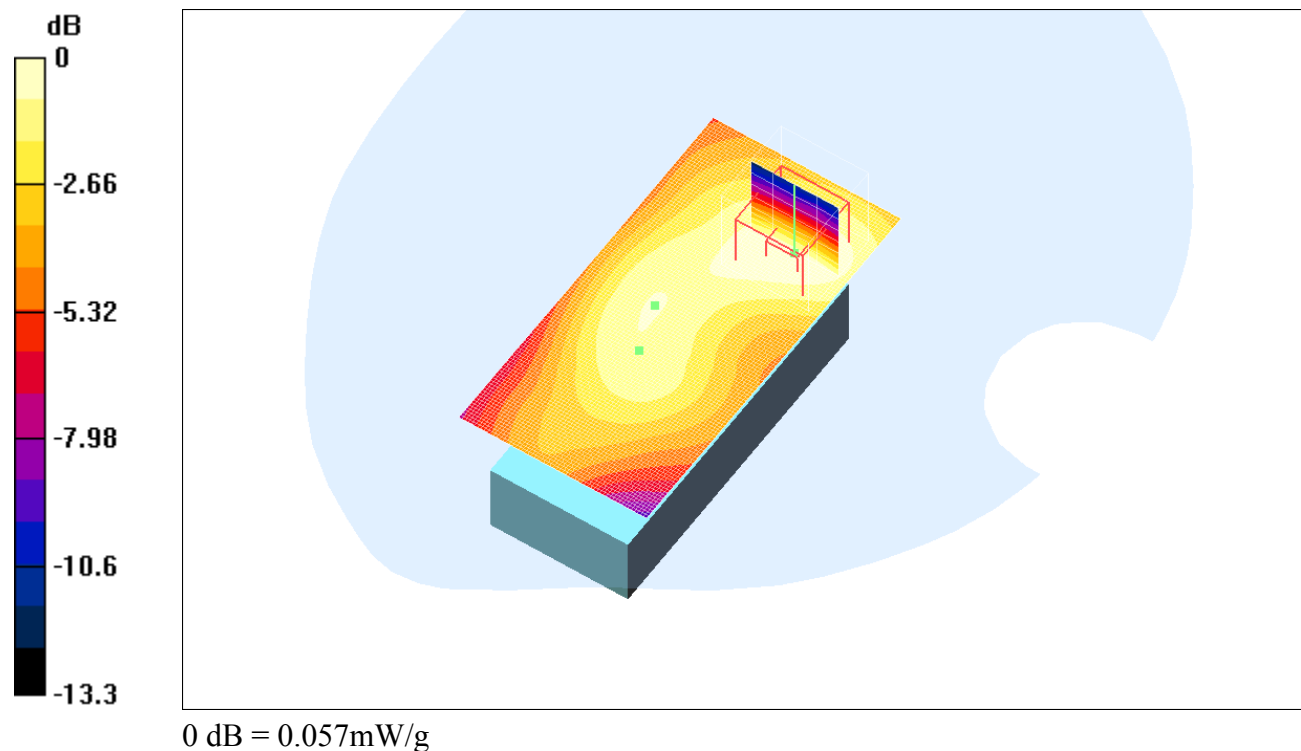
Flat, 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 6.03 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.057 mW/g



Date/Time: 06/10/05 13:21:33

Test Laboratory: Sony Ericsson Mobile Communications
 File Name: [ch512_Body_HFCable_15mm_050610_RP.da4](#)

DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3

Program Name: GSM1900 body

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$

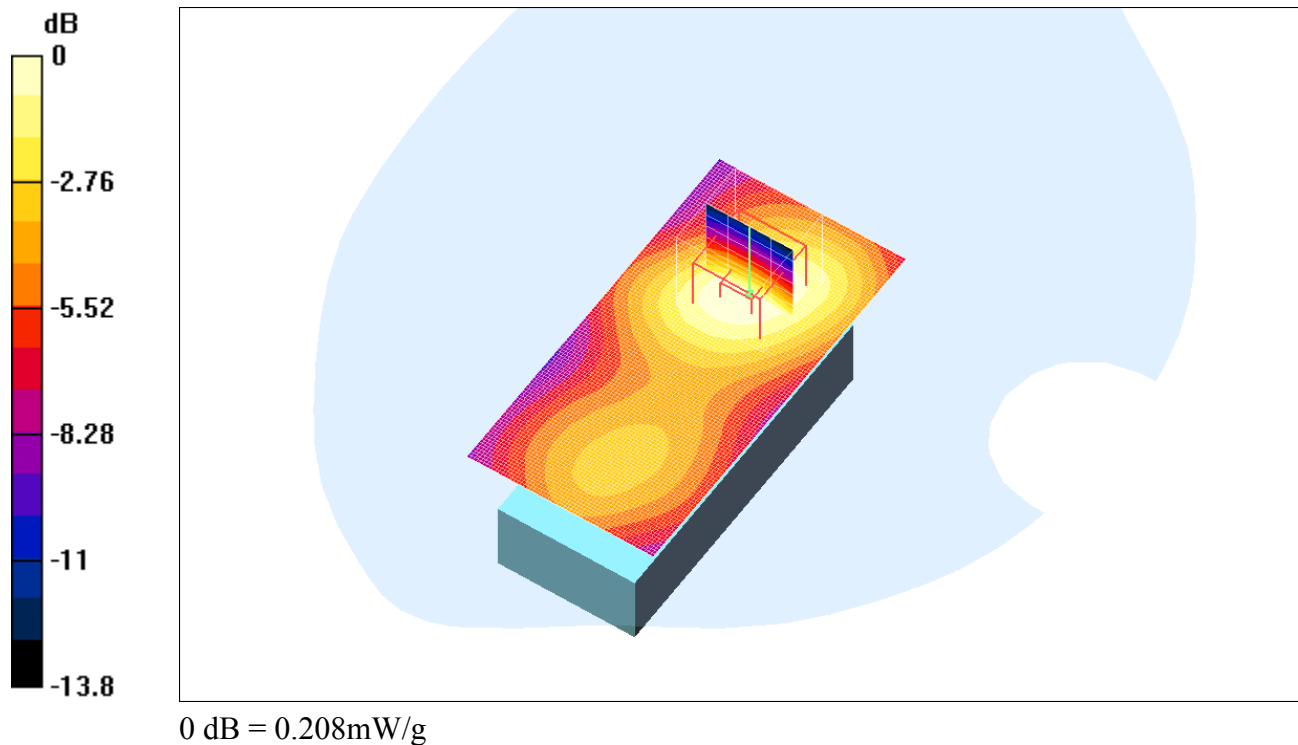
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Flat, 15mm/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 0.209 mW/g

Flat, 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7\text{mm}$, $dy=7\text{mm}$, $dz=5\text{mm}$
 Reference Value = 10.8 V/m ; Power Drift = -0.1 dB
 Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.191 mW/g ; SAR(10 g) = 0.116 mW/g
 Maximum value of SAR (measured) = 0.208 mW/g



Date/Time: 06/10/05 10:58:16

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch512_GPRS_2Slot_15mm_Front_050610_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial: CB50151UG3****Program Name: GSM1900, GPRS 2 Slots**

Communication System: GSM1900_GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Flat, 15mm/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.164 mW/g

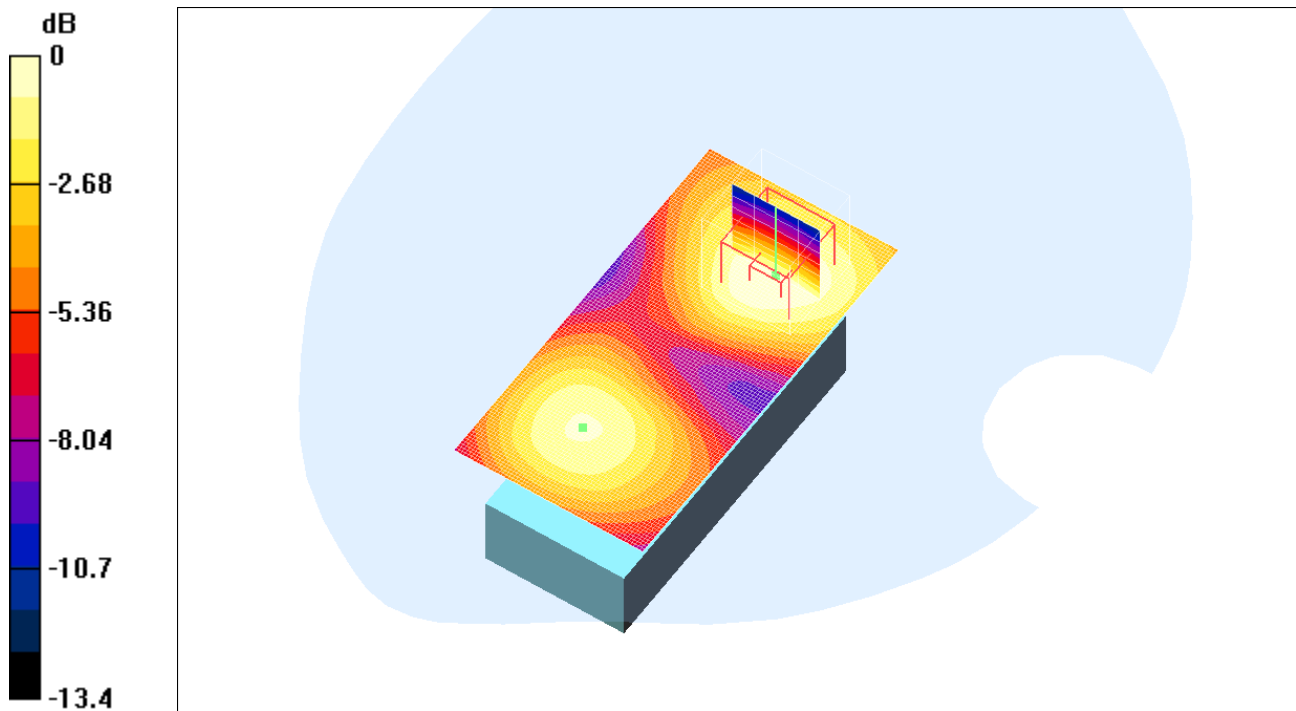
Flat, 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7\text{mm}$, $dy=7\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.7 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

Date/Time: 06/10/05 09:39:07

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch512_GPRS_2Slot_15mm_050610_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial: CB50151UG3****Program Name: GSM1900, GPRS 2 Slots**

Communication System: GSM1900_GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Flat, 15mm/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.515 mW/g

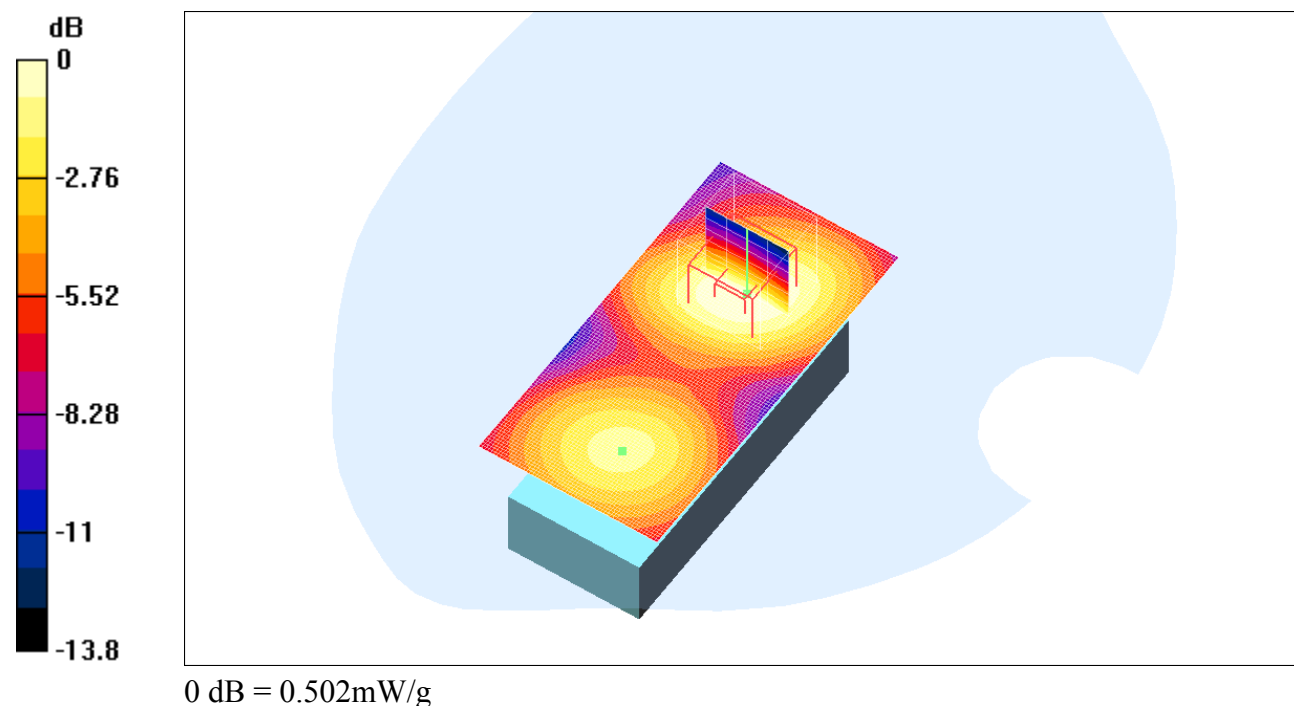
Flat, 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7\text{mm}$, $dy=7\text{mm}$, $dz=5\text{mm}$

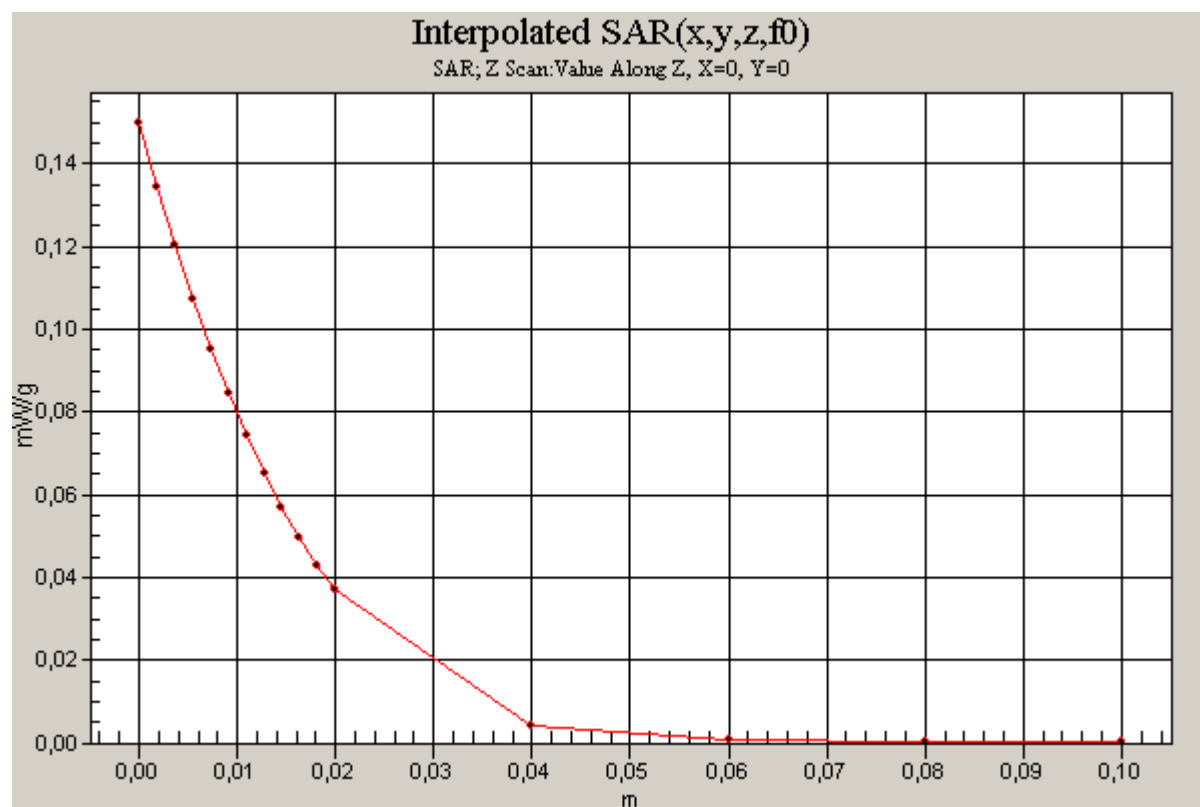
Reference Value = 16.3 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.502 mW/g





Date/Time: 06/10/05 13:59:34

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch512_Body_BT_15mm_050610_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 body**

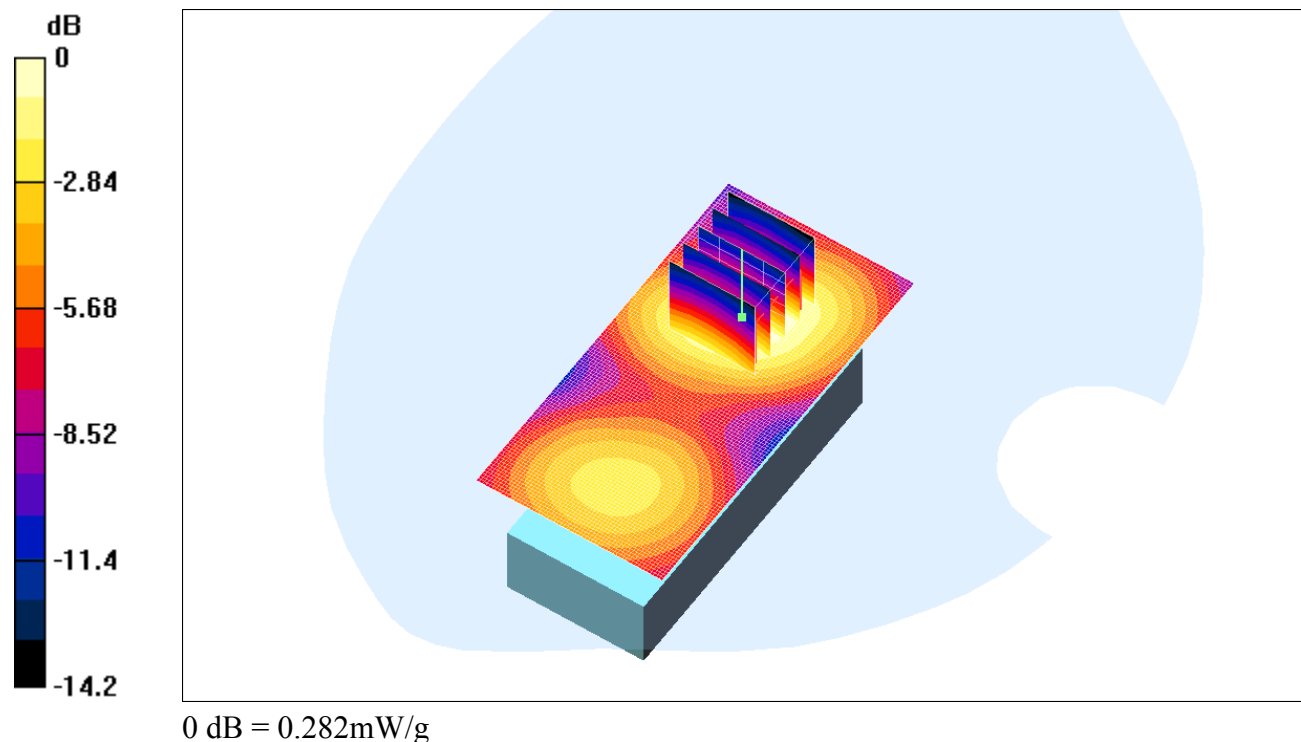
Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Flat, 15mm/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.284 mW/g **Flat, 15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=7\text{mm}$, $dy=7\text{mm}$, $dz=5\text{mm}$ Reference Value = 12 V/m ; Power Drift = -0.1 dB Peak SAR (extrapolated) = 0.409 W/kg **SAR(1 g) = 0.259 mW/g ; SAR(10 g) = 0.157 mW/g** Maximum value of SAR (measured) = 0.282 mW/g 

Date/Time: 06/13/05 12:16:34

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch810_Right_Tilt_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

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

Medium parameters used (extrapolated): $f = 1909.8$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.281 mW/g

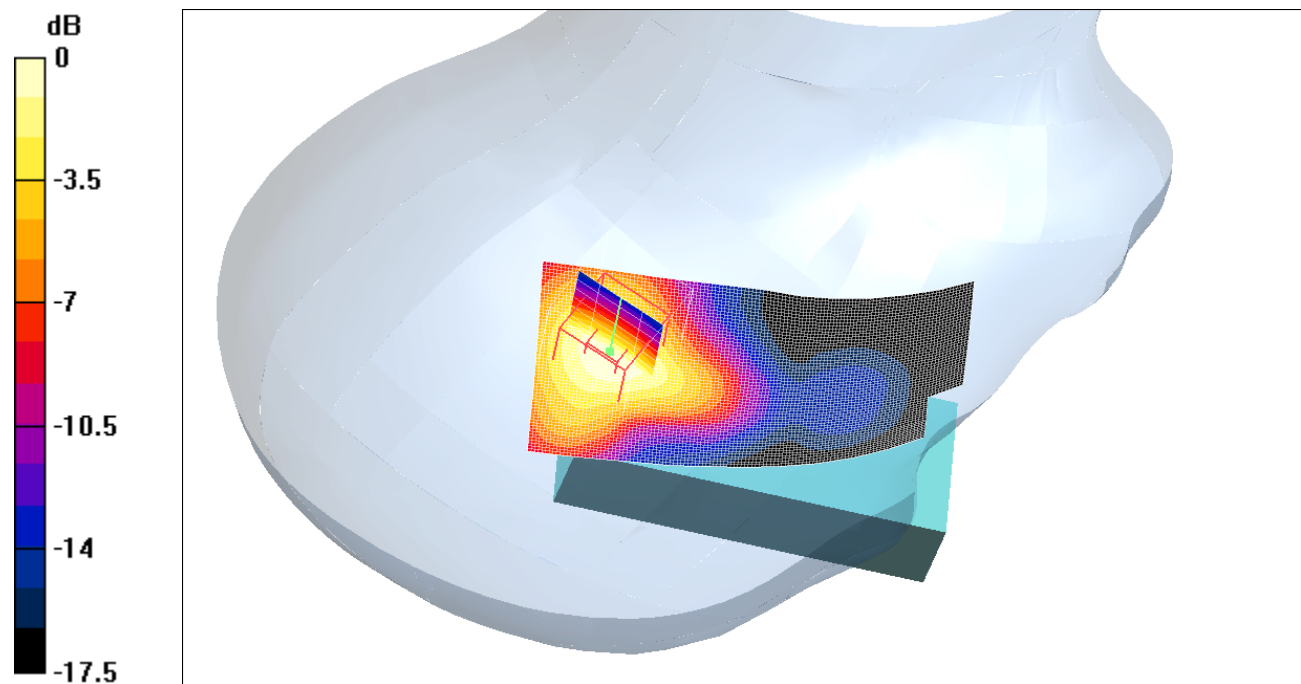
Right, Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.277 mW/g



0 dB = 0.277mW/g

Date/Time: 06/13/05 11:06:01

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch810_Right_Cheek_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

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

Medium parameters used (extrapolated): $f = 1909.8$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.369 mW/g

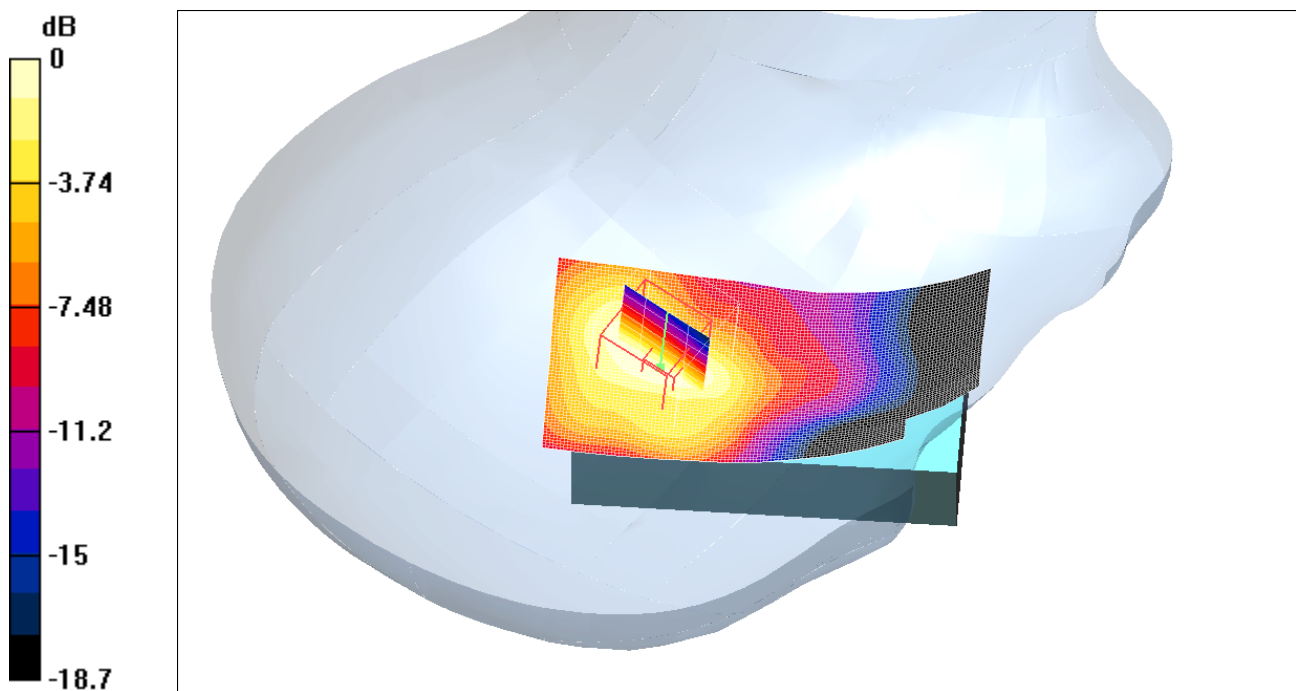
Right, Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.366 mW/g



0 dB = 0.366mW/g

Date/Time: 06/13/05 14:55:01

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch810_Left_Tilt_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

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

Medium parameters used (extrapolated): $f = 1909.8$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.365 mW/g

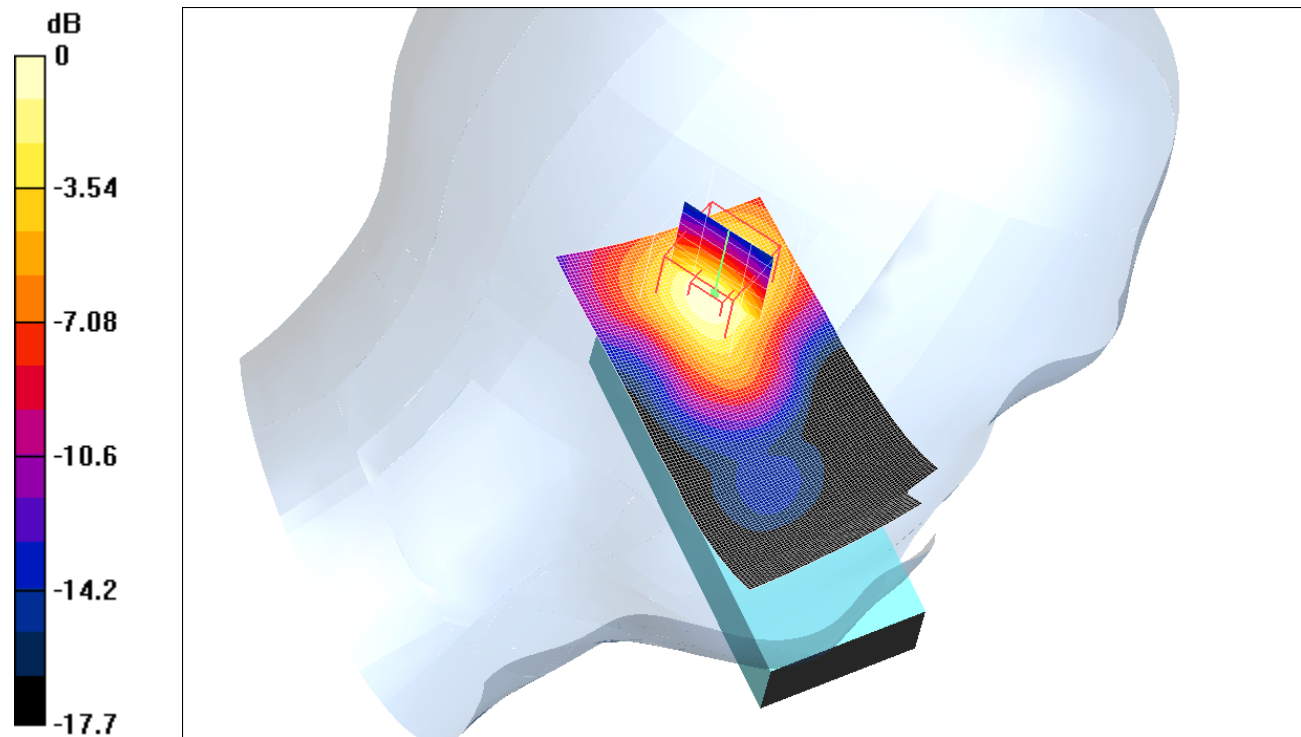
Left, Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363mW/g

Date/Time: 06/13/05 14:24:13

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch810_Left_Cheek_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

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

Medium parameters used (extrapolated): $f = 1909.8$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.474 mW/g

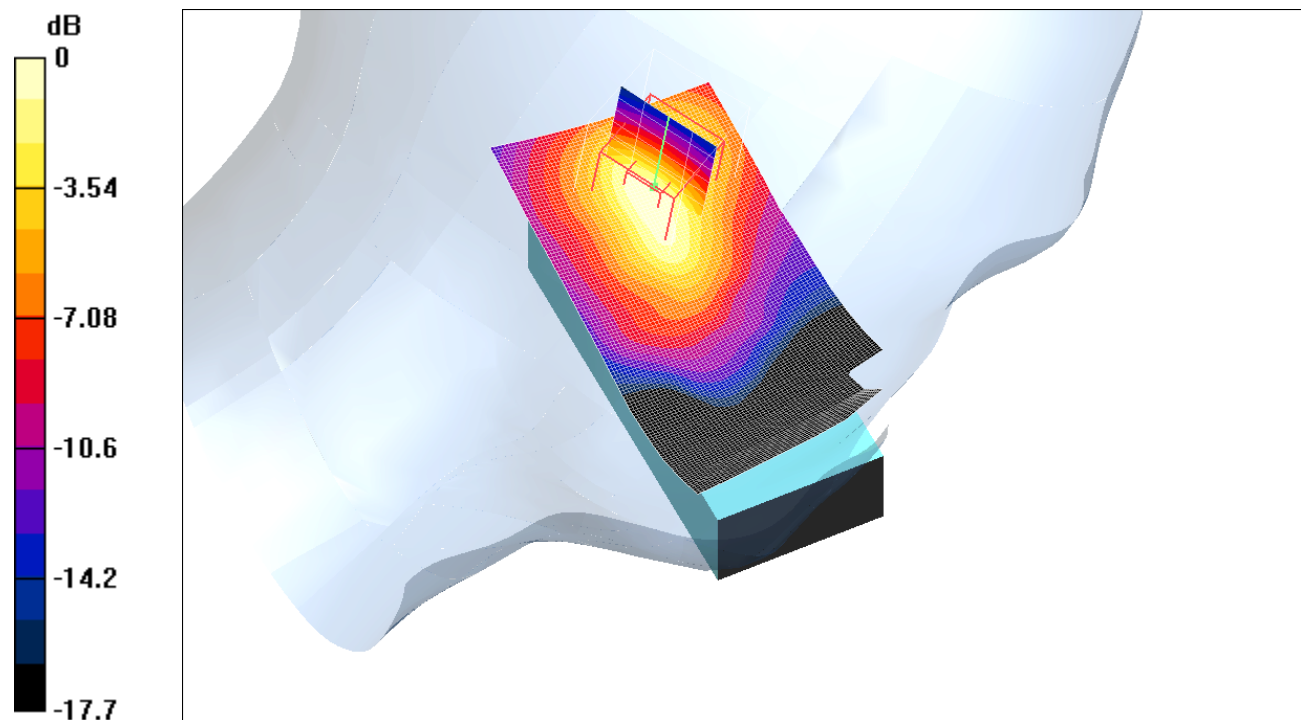
Left, Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.472 mW/g



0 dB = 0.472mW/g

Date/Time: 06/13/05 12:36:01

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch661_Right_Tilt_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.325 mW/g

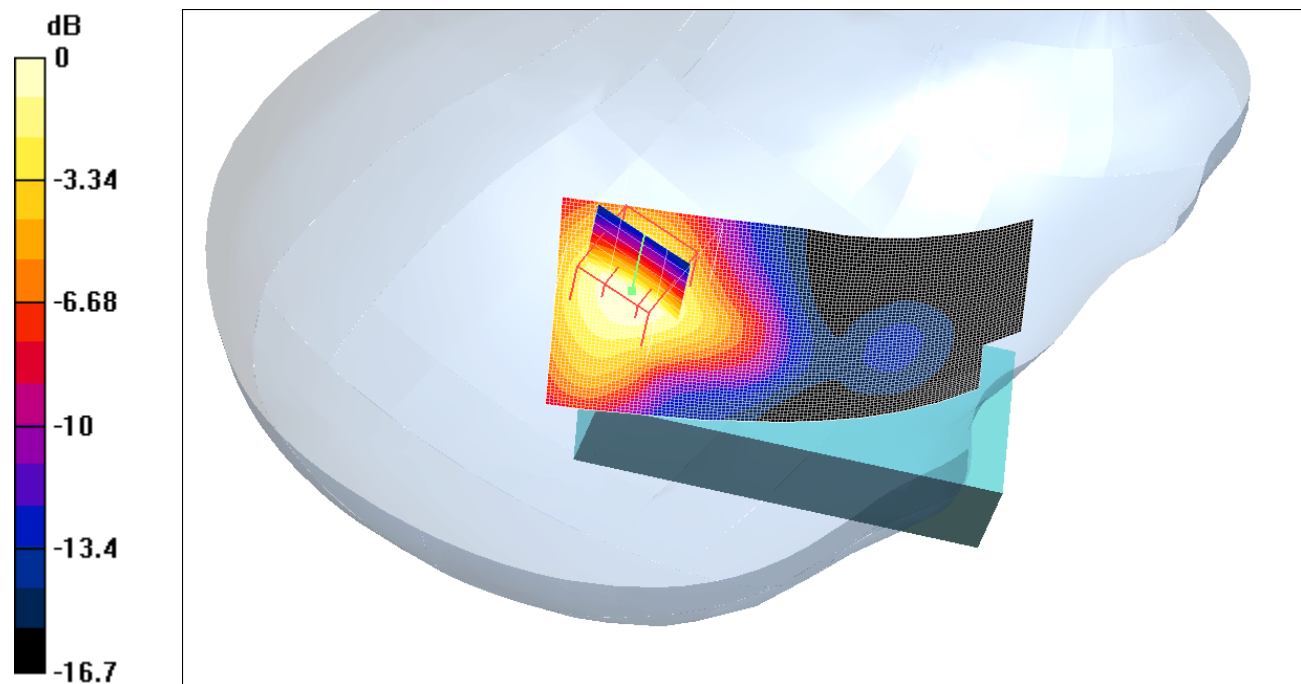
Right, Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.322 mW/g



0 dB = 0.322mW/g

Date/Time: 06/13/05 10:46:41

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch661_Right_Cheek_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.365 mW/g

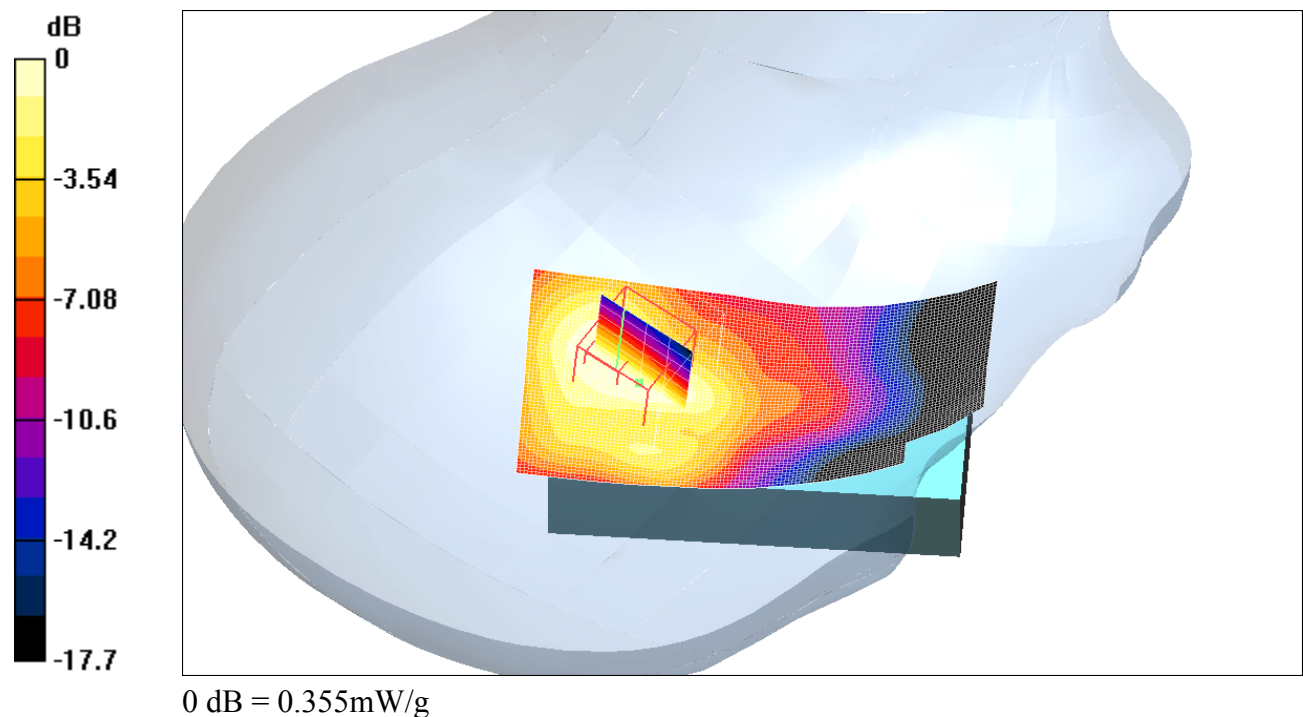
Right, Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.355 mW/g



Date/Time: 06/13/05 15:15:22

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch661_Left_Tilt_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.412 mW/g

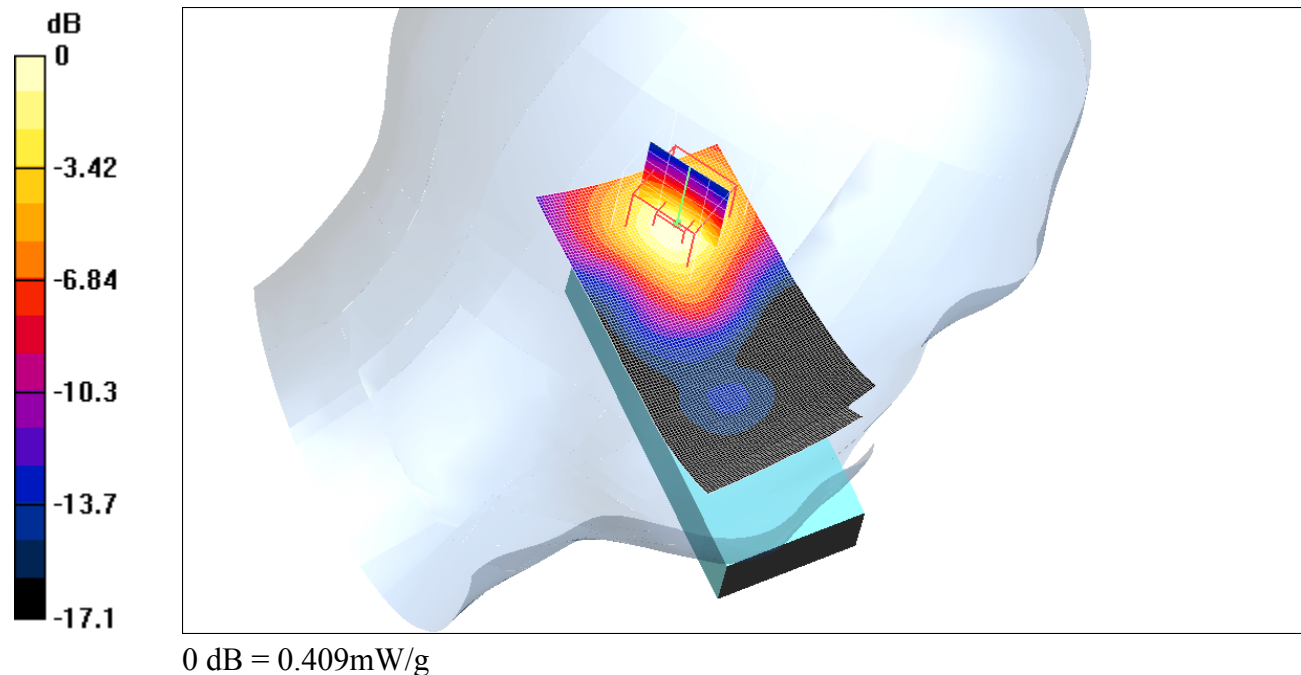
Left, Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.409 mW/g



Date/Time: 06/13/05 13:56:53

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch661_Left_Cheek_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

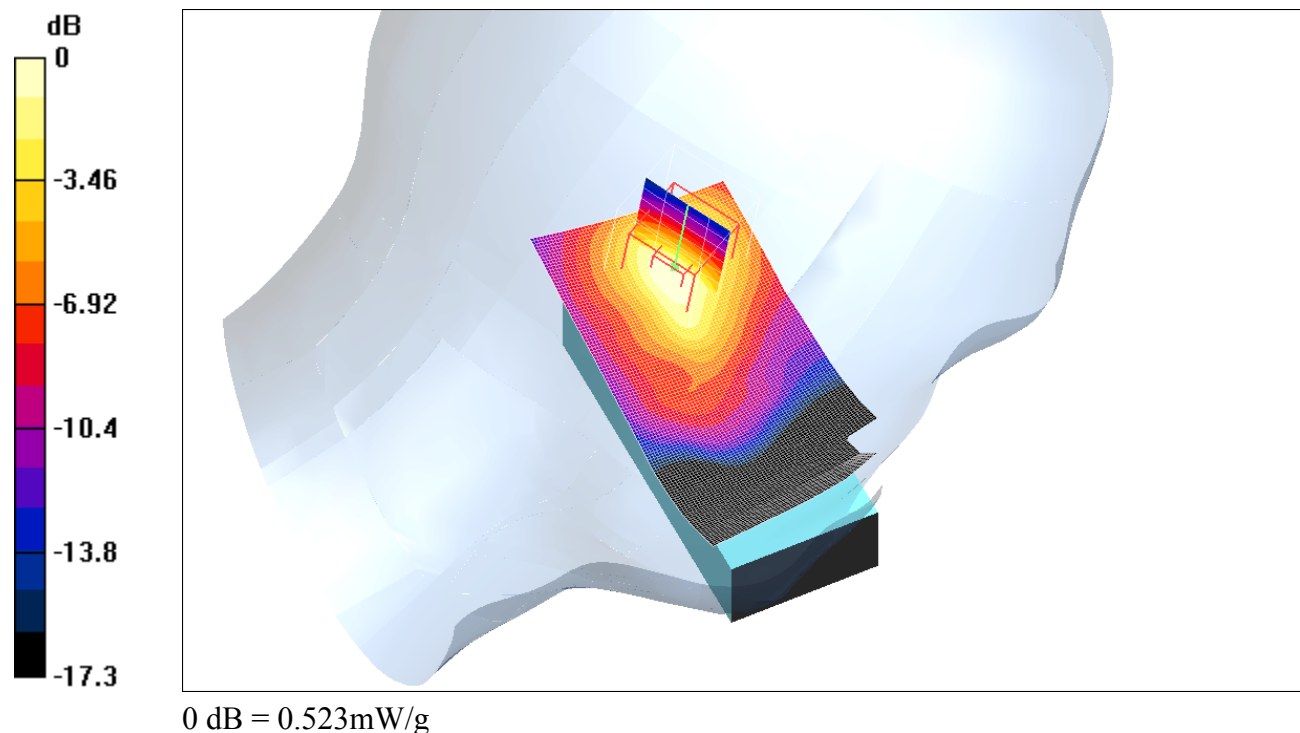
Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(5.31, 5.31, 5.31); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Left, Cheek/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.534 mW/g **Left, Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=7\text{mm}$, $dy=7\text{mm}$, $dz=5\text{mm}$ Reference Value = 17.9 V/m ; Power Drift = -0.1 dB Peak SAR (extrapolated) = 0.740 W/kg **SAR(1 g) = 0.458 mW/g ; SAR(10 g) = 0.246 mW/g** Maximum value of SAR (measured) = 0.523 mW/g 

Date/Time: 06/13/05 13:06:21

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch512_Right_Tilt_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.346 mW/g

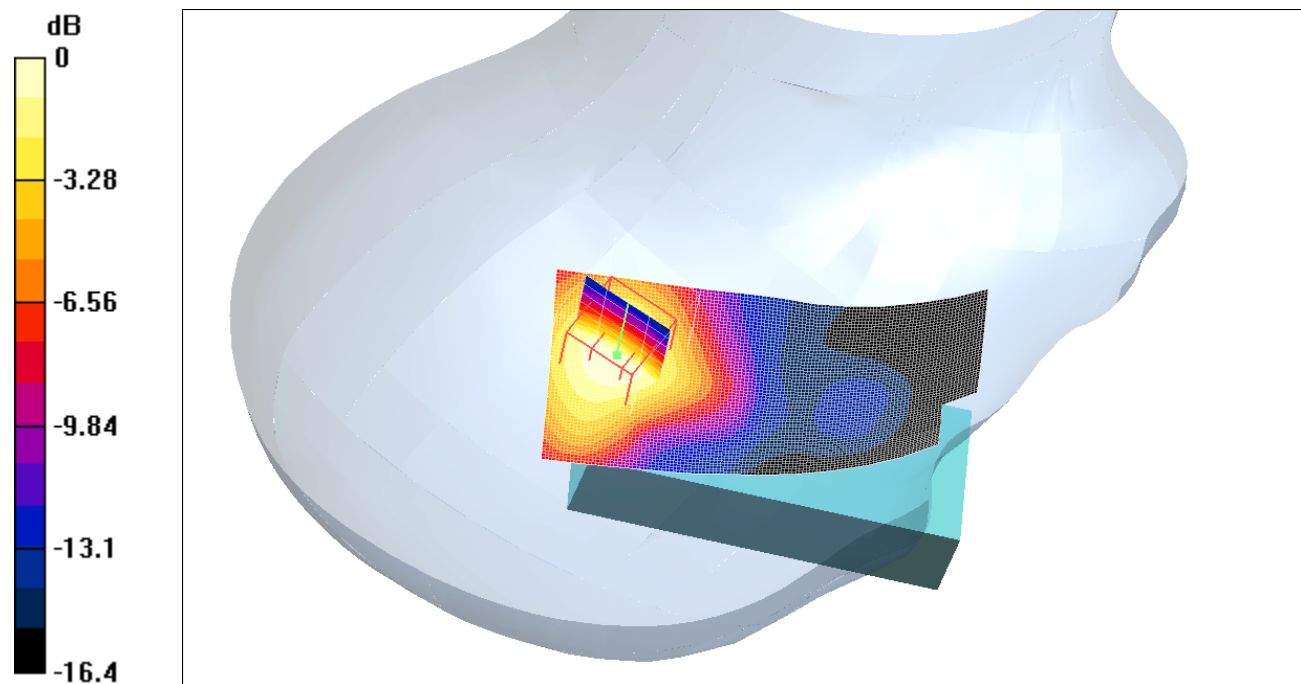
Right, Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.345 mW/g



0 dB = 0.345mW/g

Date/Time: 06/13/05 10:10:39

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch512_Right_Cheek_050613_RP.da4](#)**DUT: AAD-3021022-BV (Nanami); Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

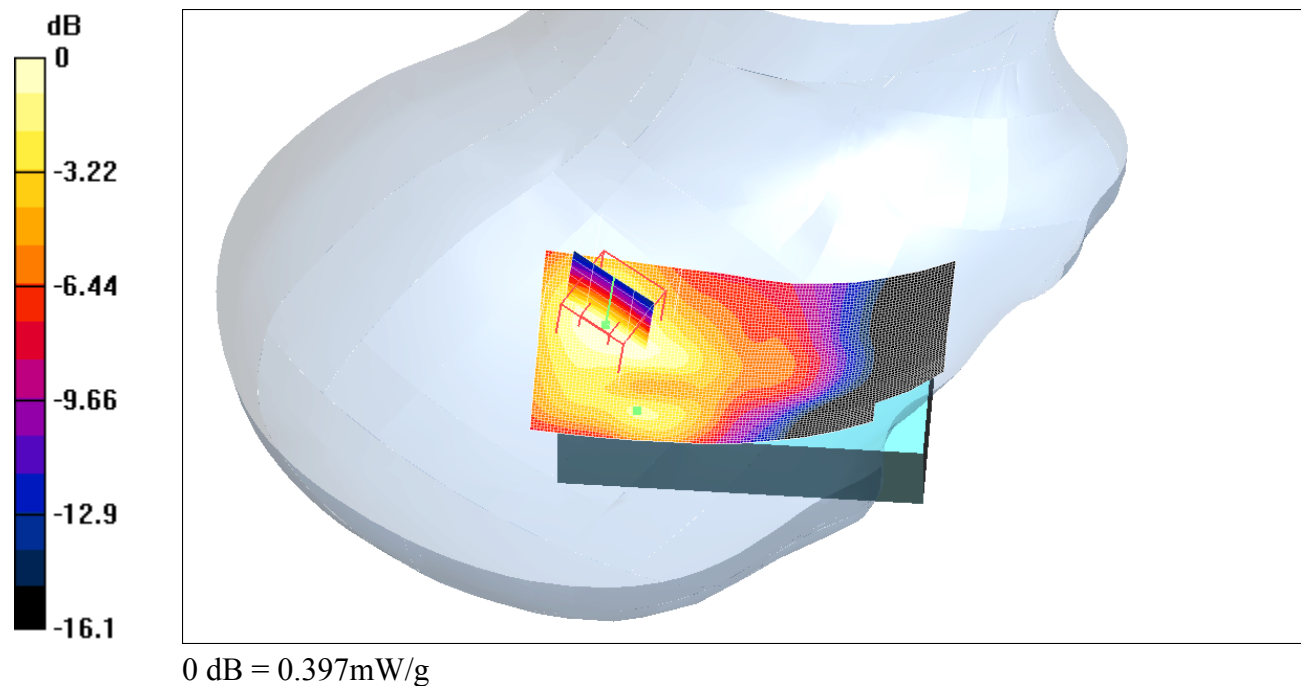
Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(5.31, 5.31, 5.31); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Right, Cheek/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.398 mW/g **Right, Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=7\text{mm}$, $dy=7\text{mm}$, $dz=5\text{mm}$ Reference Value = 15.4 V/m ; Power Drift = -0.005 dB Peak SAR (extrapolated) = 0.550 W/kg **SAR(1 g) = 0.357 mW/g ; SAR(10 g) = 0.205 mW/g** Maximum value of SAR (measured) = 0.397 mW/g 

Date/Time: 06/13/05 15:46:29

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch512_Left_Tilt_050613_RP.da4](#)**DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3****Program Name: GSM1900 Head**

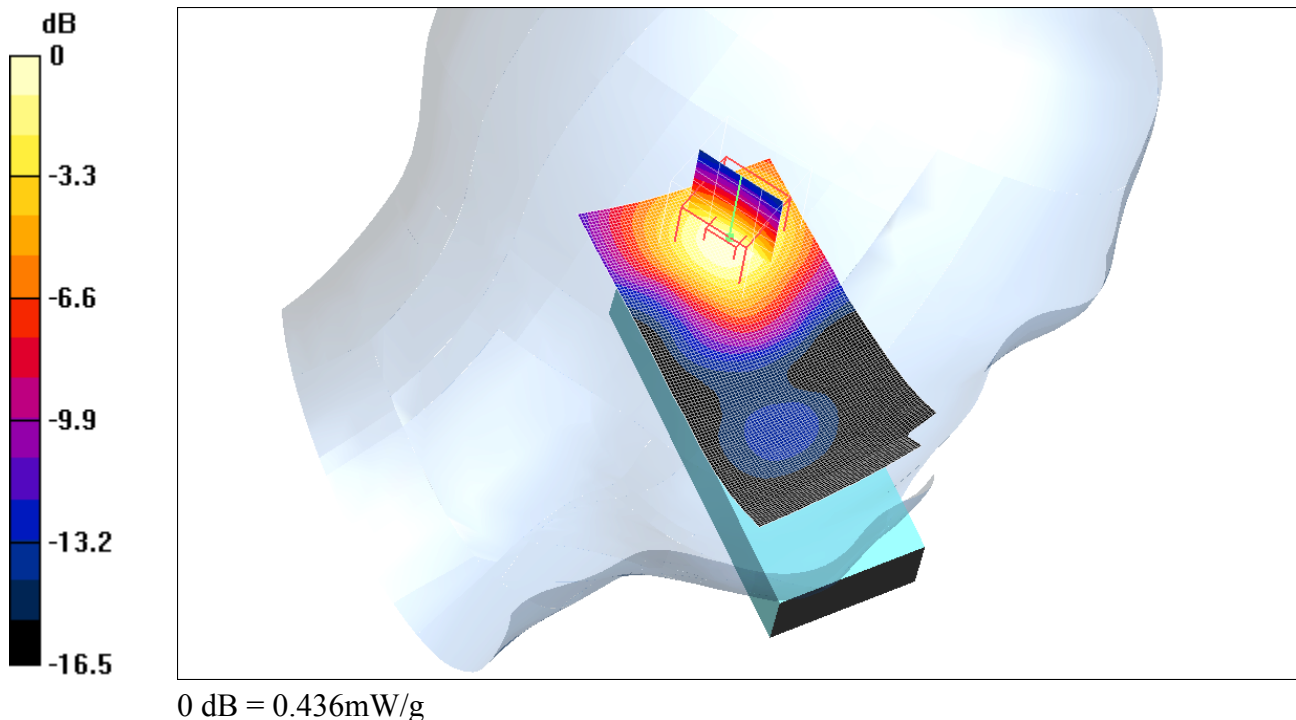
Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(5.31, 5.31, 5.31); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Left, Cheek/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.453 mW/g **Left, Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=7\text{mm}$, $dy=7\text{mm}$, $dz=5\text{mm}$ Reference Value = 16.9 V/m ; Power Drift = -0.1 dB Peak SAR (extrapolated) = 0.639 W/kg **SAR(1 g) = 0.392 mW/g ; SAR(10 g) = 0.215 mW/g** Maximum value of SAR (measured) = 0.436 mW/g 

Date/Time: 06/13/05 13:31:57

Test Laboratory: Sony Ericsson Mobile Communications

File Name: [ch512_Left_Cheek_050613_RP.da4](#)

DUT: PY7AD021021; Type: GSM and UMTS; Serial: CB50151UG3
Program Name: GSM1900 Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ 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 And Optical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.564 mW/g

Left, Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 19 V/m; Power Drift = -0.1 dB

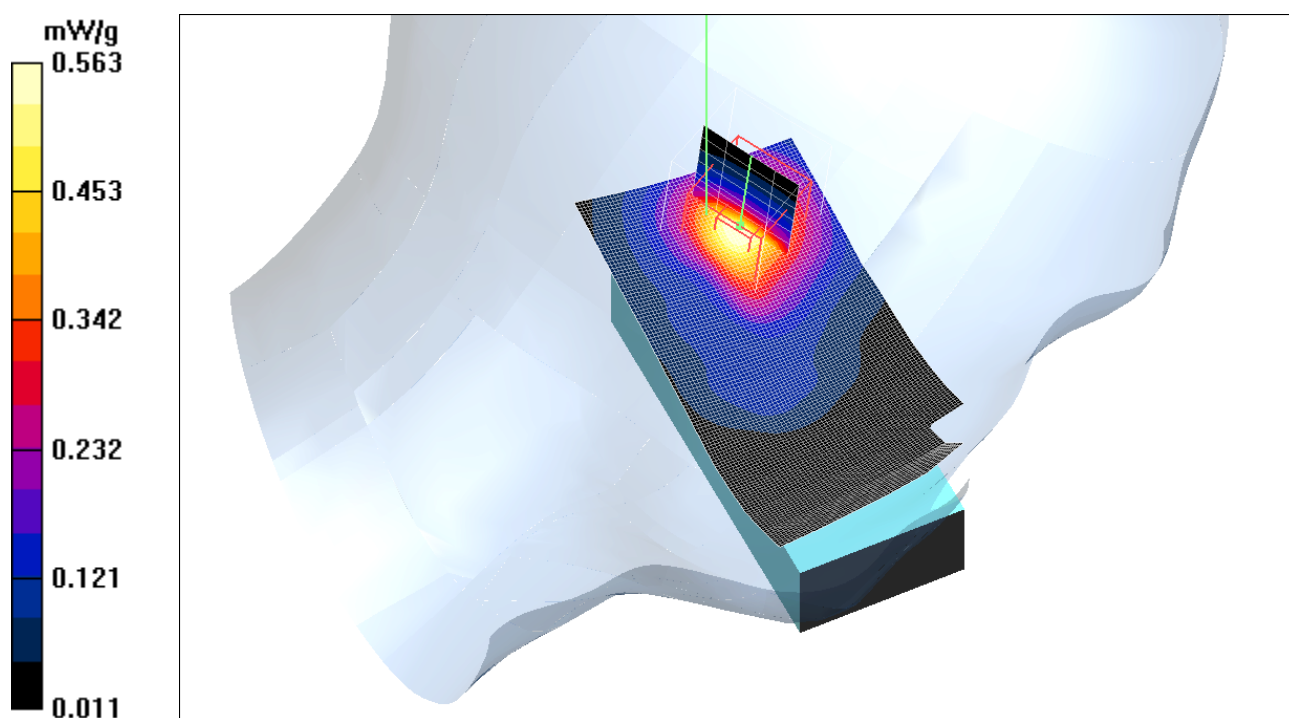
Peak SAR (extrapolated) = 0.800 W/kg

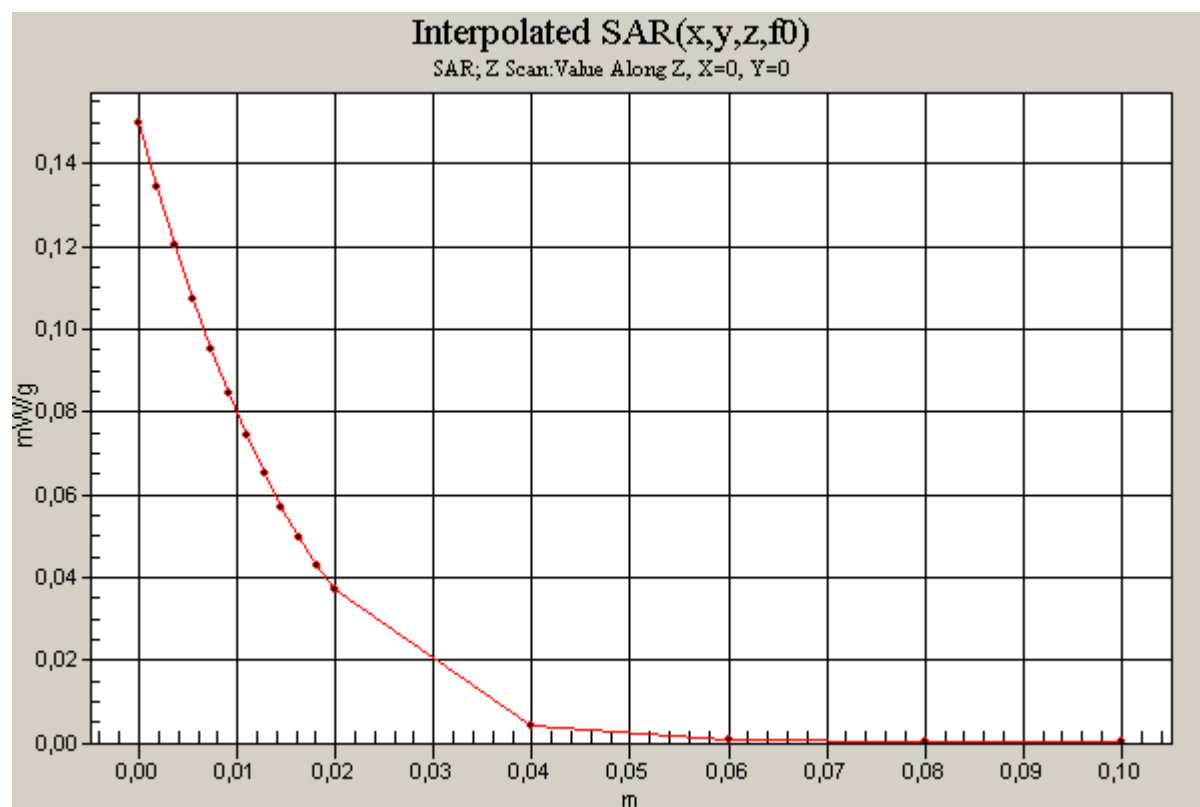
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.563 mW/g

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

Maximum value of SAR (interpolated) = 0.150 mW/g





Date/Time: 06/10/05 12:26:18

Test Laboratory: Sony Ericsson Mobile Communications
 File Name: [ch810_Body_HFCable_15mm_050610_RP.da4](#)

DUT: PY7AD021021; Type: GSM and UMTS; Serial:CB50151UG3

Program Name: GSM1900 body

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$

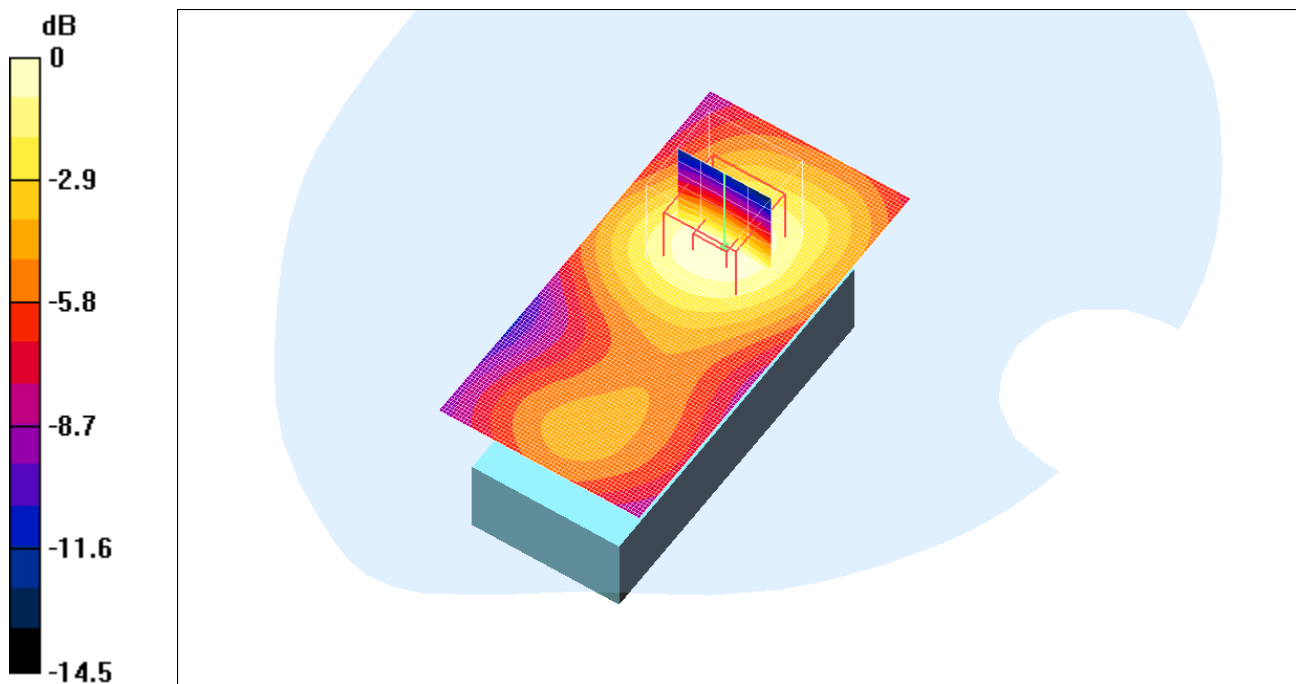
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1815; ConvF(4.69, 4.69, 4.69); Calibrated: 2005-01-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn640; Calibrated: 2004-10-12
- Phantom: SAM 5; Type: SAM; Serial: 1352
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Flat, 15mm/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 0.162 mW/g

Flat, 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7\text{mm}$, $dy=7\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.88 V/m ; Power Drift = -0.0 dB
 Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.150 mW/g ; SAR(10 g) = 0.091 mW/g
 Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162 mW/g