

Appendix B

Measurement Plots

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.1900\(h\)_07.11.03.da4](#)

Dipol Valid.1900(h)_07.11.03

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d025

Program: Dipol Valid 1900

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

Medium: Head 1900 MHz ($\sigma = 1.41529$ mho/m, $\epsilon_r = 39.8679$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 1900 (250mW)/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 96.4 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 12.7 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

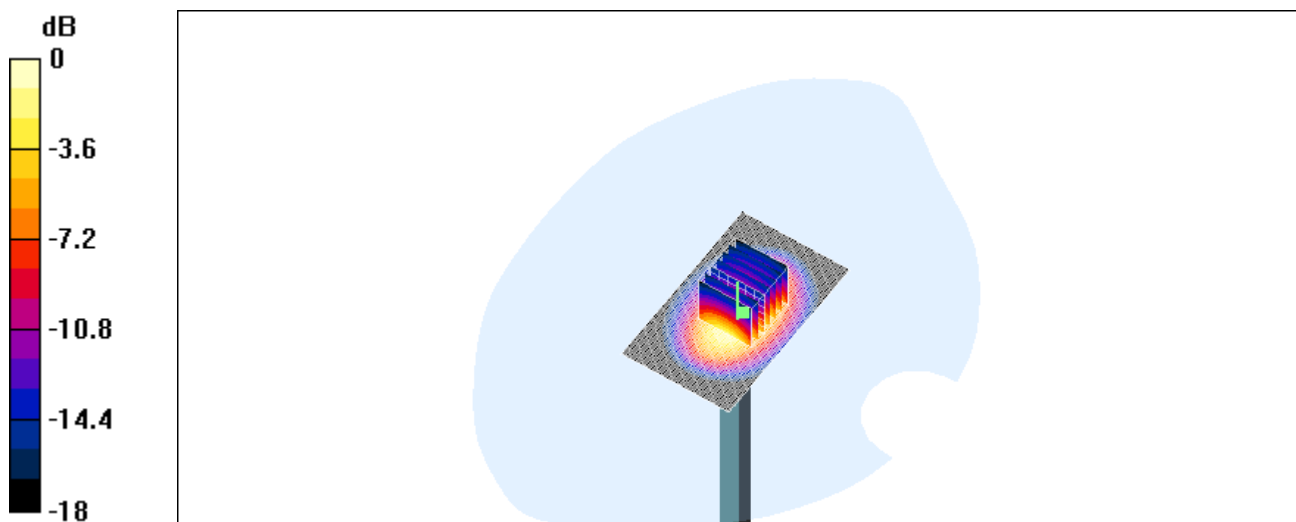
Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 10.8 mW/g; SAR(10 g) = 5.53 mW/g

Reference Value = 96.4 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 12 mW/g



0 dB = 12mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.1900 h_17.11.03.da4](#)

Dipol Valid.1900 h_17.11.03

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d025

Program: Dipol Valid 1900

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

Medium: Head 1900 MHz ($\sigma = 1.41529$ mho/m, $\epsilon_r = 39.8679$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 1900 (250mW)/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 93.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 11.3 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

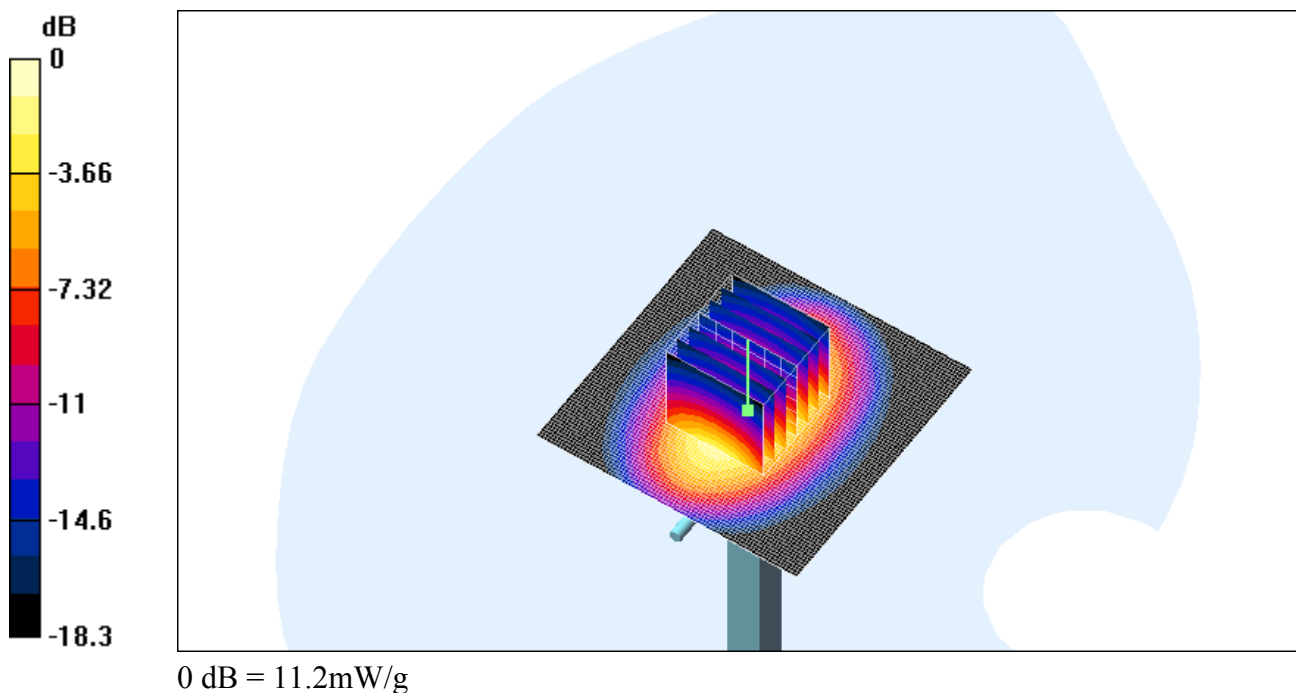
Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 10 mW/g; SAR(10 g) = 5.07 mW/g

Reference Value = 93.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 11.2 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.1900\(b\)_10.11.03.da4](#)

Dipol Valid.1900(m)_10.11.03

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d025

Program: Dipol Valid 1900

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

Medium: Muscle 1900 MHz ($\sigma = 1.58102$ mho/m, $\epsilon_r = 51.8712$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 1900 (250mW)/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 95 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 12.5 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

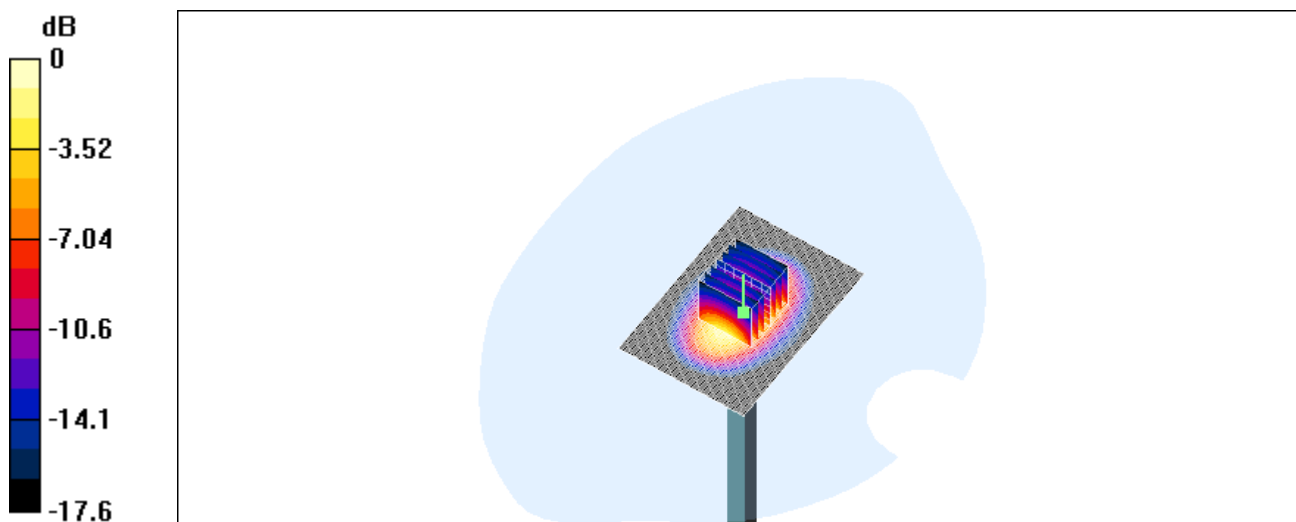
Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 10.8 mW/g; SAR(10 g) = 5.48 mW/g

Reference Value = 95 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 12.3 mW/g



0 dB = 12.3mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_right_ch512_cheek.da4](#)

1900_right_ch512_cheek

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.3685$ mho/m, $\epsilon_r = 39.9283$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.59 V/m

Power Drift = -0.3 dB

Maximum value of SAR = 0.983 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

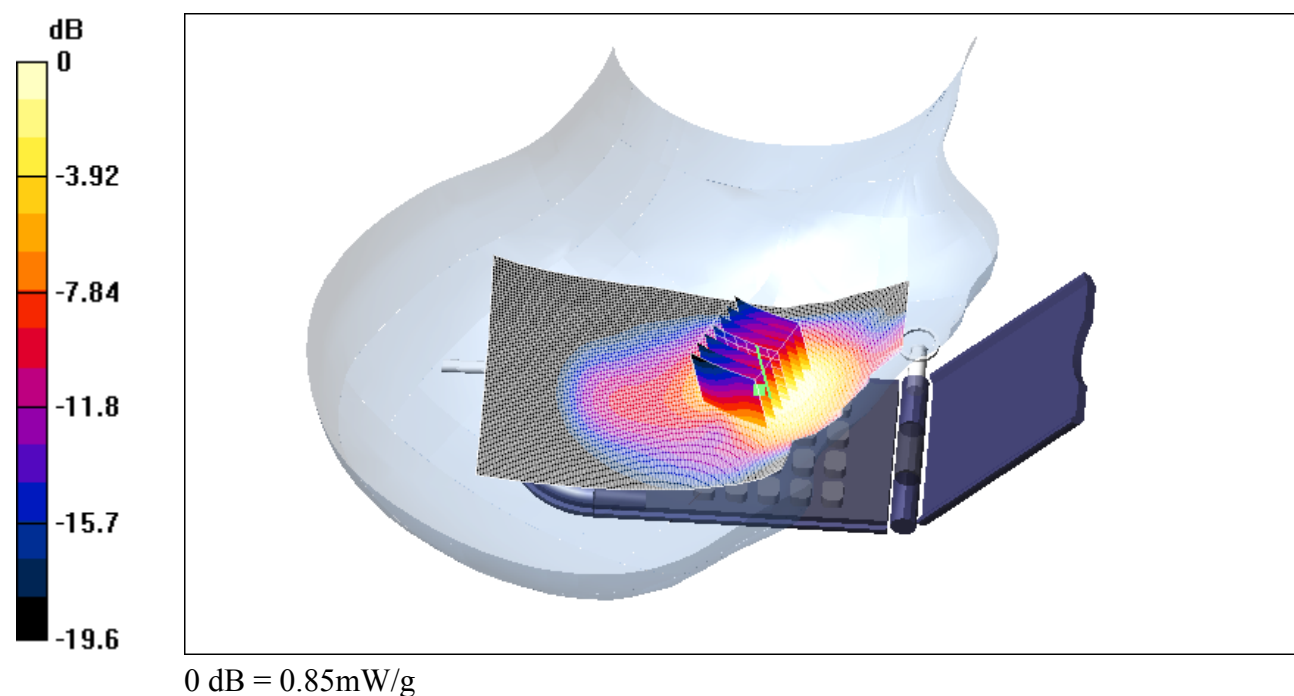
Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.444 mW/g

Reference Value = 6.59 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.85 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_right_ch512_tilted.da4](#)

1900_right_ch512_tilted

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.3685$ mho/m, $\epsilon_r = 39.9283$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.28 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.211 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

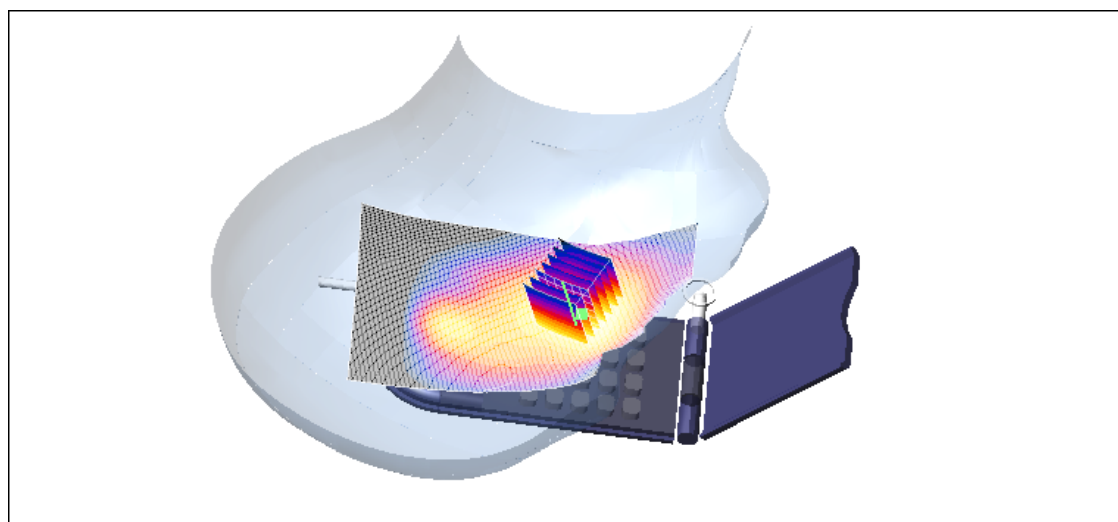
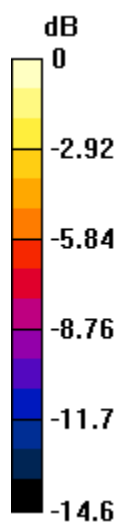
Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.12 mW/g

Reference Value = 8.28 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.204 mW/g



0 dB = 0.204mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_right_ch661_cheek.da4](#)

1900_right_ch661_cheek

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.39732 \text{ mho/m}$, $\epsilon_r = 39.9416$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.57 V/m

Power Drift = -0.17 dB

Maximum value of SAR = 1.09 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

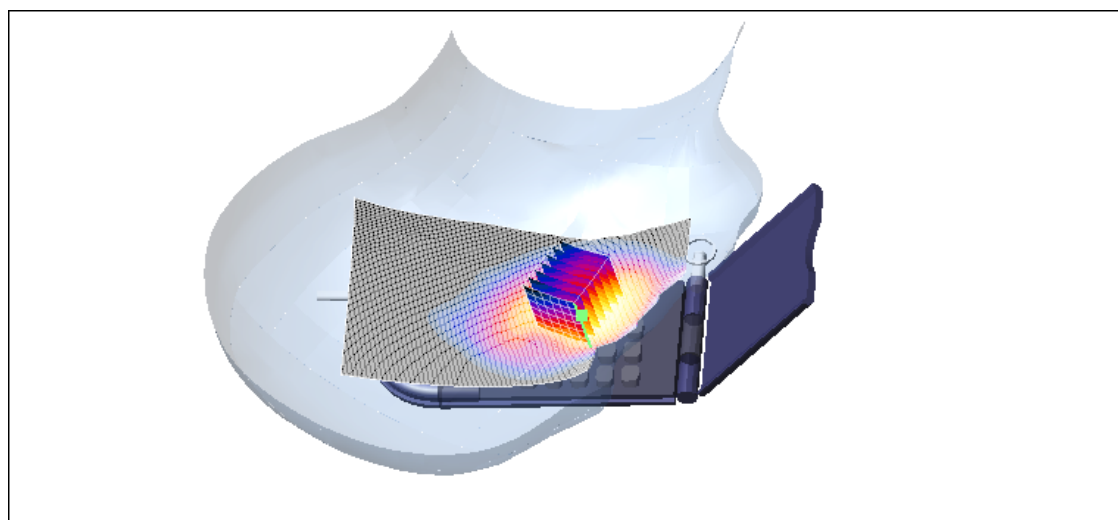
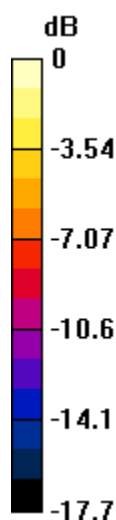
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.613 mW/g

Reference Value = 4.57 V/m

Power Drift = -0.17 dB

Maximum value of SAR = 1.1 mW/g



0 dB = 1.1mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_right_ch661_tilted.da4](#)

1900_right_ch661_tilted

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.39732 \text{ mho/m}$, $\epsilon_r = 39.9416$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.51 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.181 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

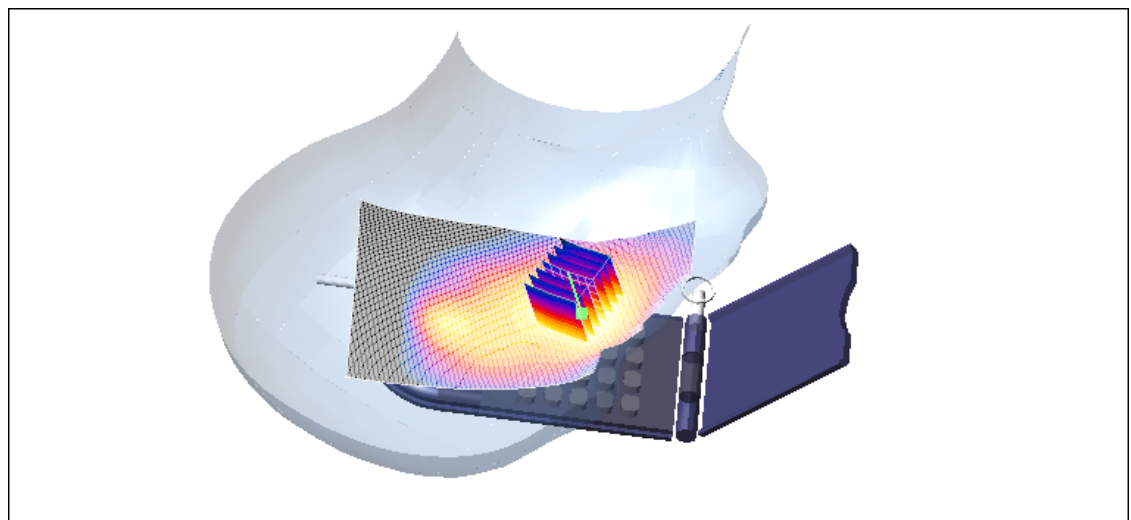
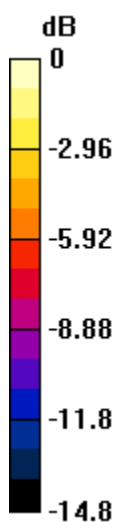
Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.104 mW/g

Reference Value = 7.51 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.182 mW/g



0 dB = 0.182mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_right_ch810_cheek.da4](#)

1900_right_ch810_cheek

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.4255 \text{ mho/m}$, $\epsilon_r = 39.78$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.64 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.892 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

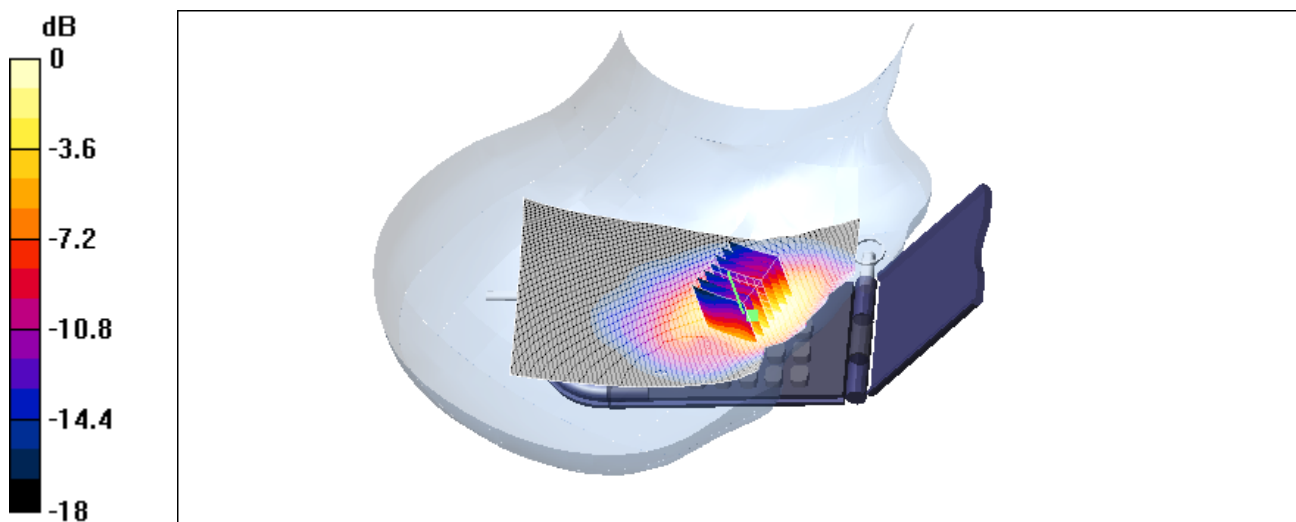
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.492 mW/g

Reference Value = 4.64 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.922 mW/g



0 dB = 0.922mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_right_ch810_tilted.da4](#)

1900_right_ch810_tilted

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.4255$ mho/m, $\epsilon_r = 39.78$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.2 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.145 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

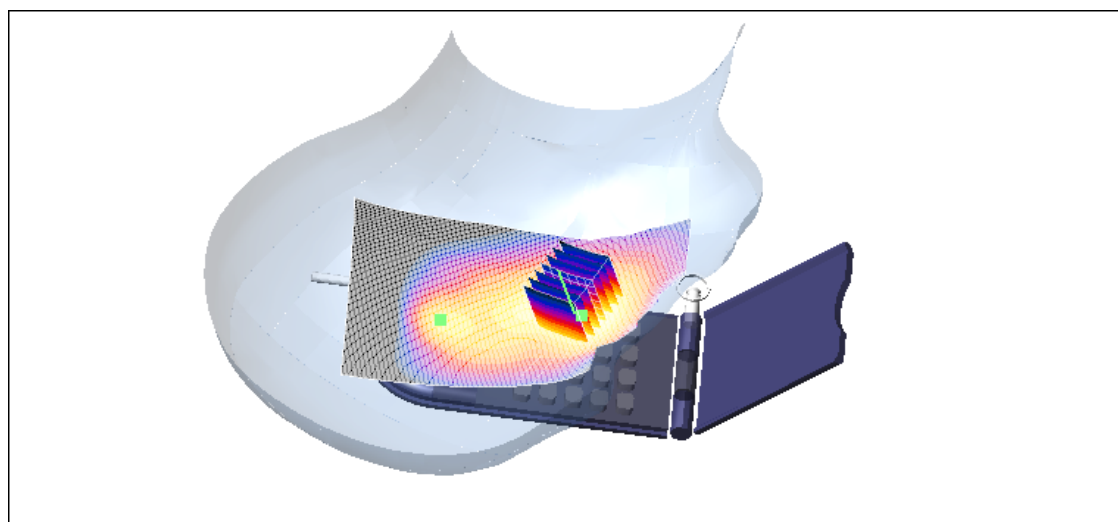
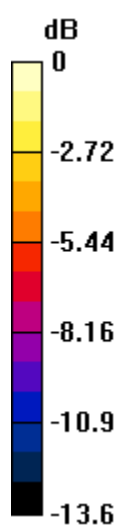
Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.0852 mW/g

Reference Value = 7.2 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.147 mW/g



0 dB = 0.147mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_left_ch512_cheek.da4](#)

1900_left_ch512_cheek

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.3685$ mho/m, $\epsilon_r = 39.9283$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.44 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.901 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

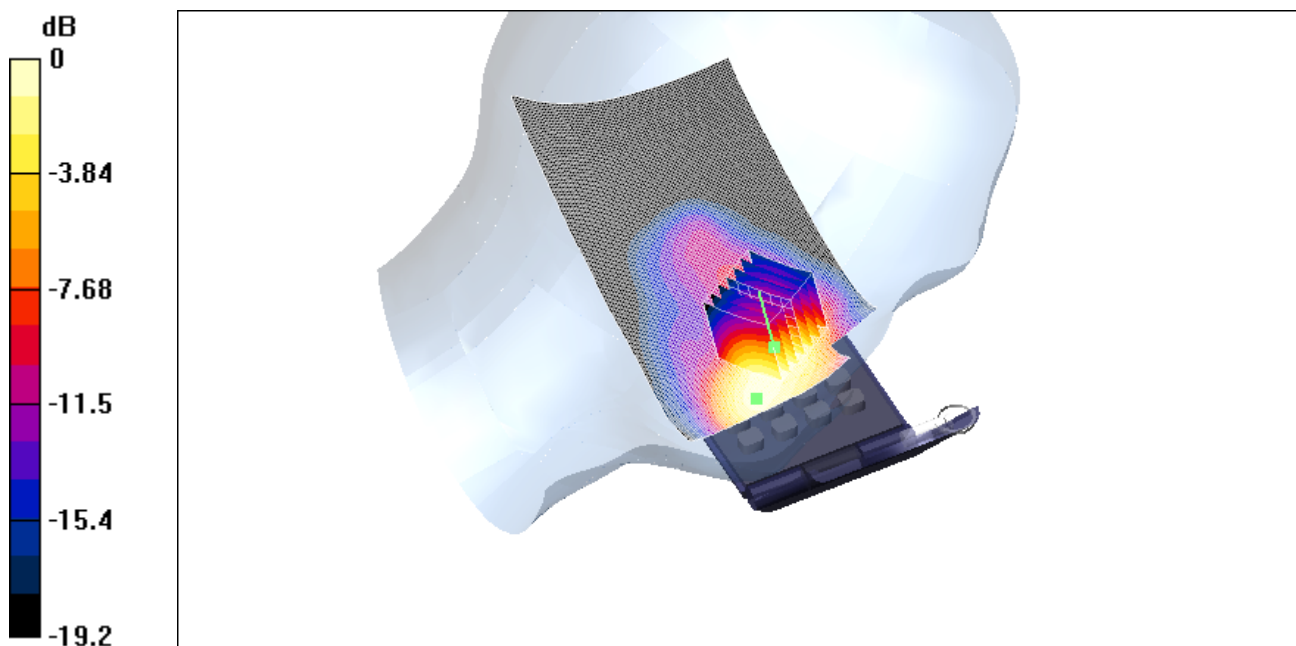
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.44 mW/g

Reference Value = 6.44 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.873 mW/g



0 dB = 0.838mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_left_ch512_tilted.da4](#)

1900_left_ch512_tilted

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.3685$ mho/m, $\epsilon_r = 39.9283$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.22 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.412 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

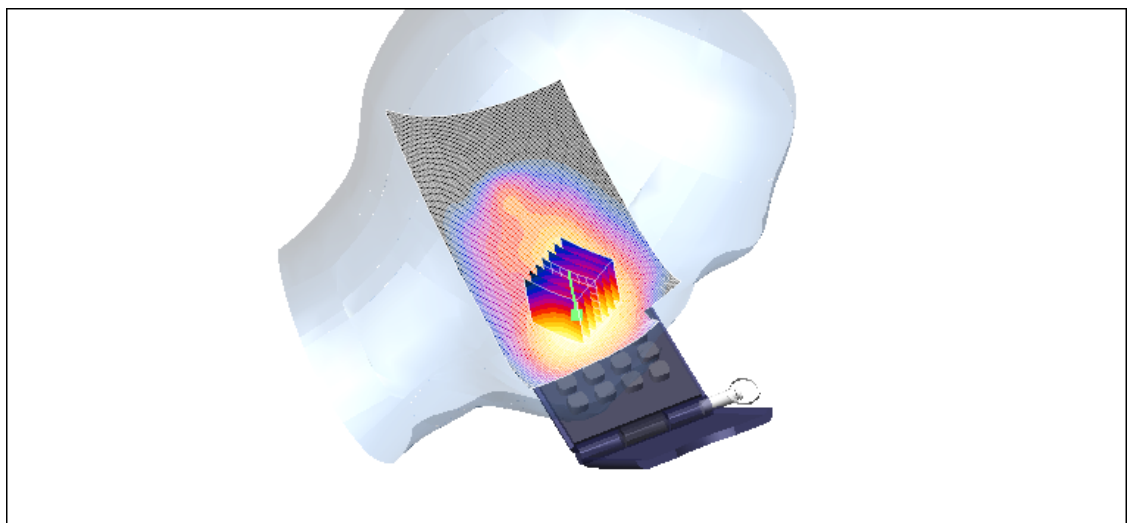
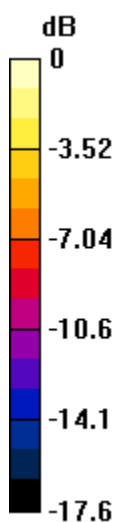
Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.223 mW/g

Reference Value = 8.22 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.4 mW/g



0 dB = 0.4mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_left_ch661_cheek.da4](#)

1900_left_ch661_cheek

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.39732$ mho/m, $\epsilon_r = 39.9416$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8 V/m

Power Drift = 0.004 dB

Maximum value of SAR = 1.36 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

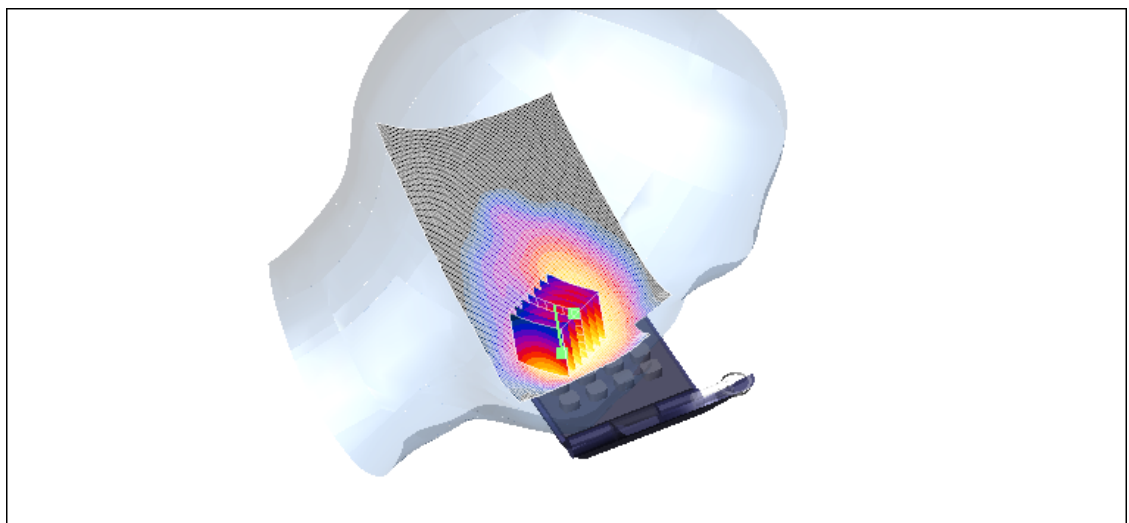
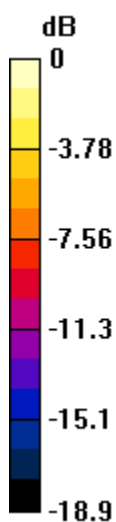
Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.723 mW/g

Reference Value = 8 V/m

Power Drift = 0.004 dB

Maximum value of SAR = 1.3 mW/g



0 dB = 1.19mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_left_ch661_tilted.da4](#)

1900_left_ch661_tilted

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.39732 \text{ mho/m}$, $\epsilon_r = 39.9416$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.18 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.414 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

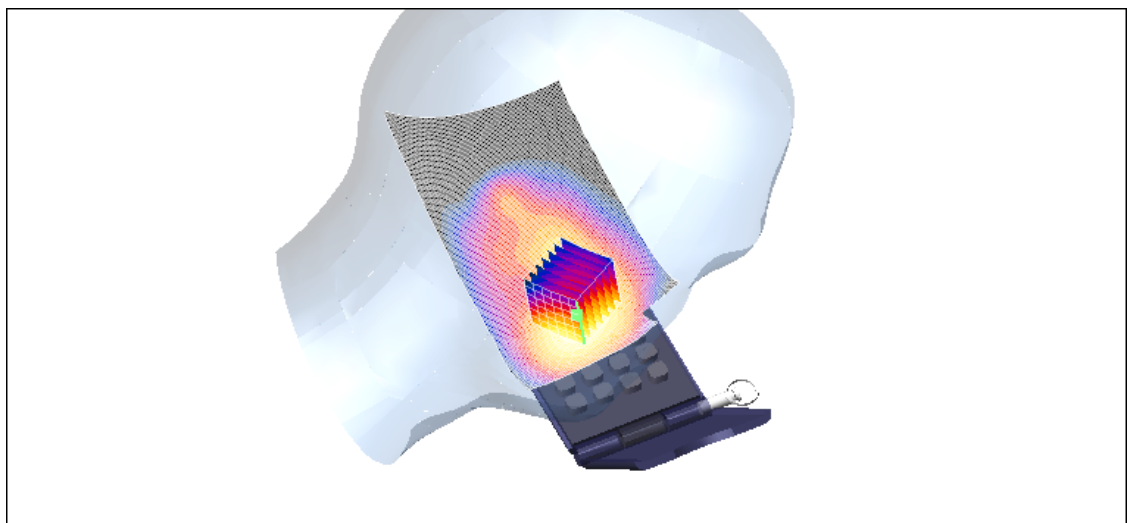
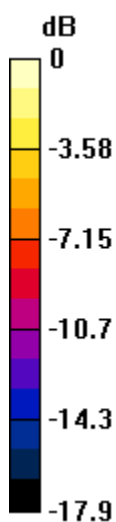
Peak SAR (extrapolated) = 0.62 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.229 mW/g

Reference Value = 8.18 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.416 mW/g



0 dB = 0.416mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_left_ch810_cheek.da4](#)

1900_left_ch810_cheek

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.4255$ mho/m, $\epsilon_r = 39.78$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.04 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 1.14 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

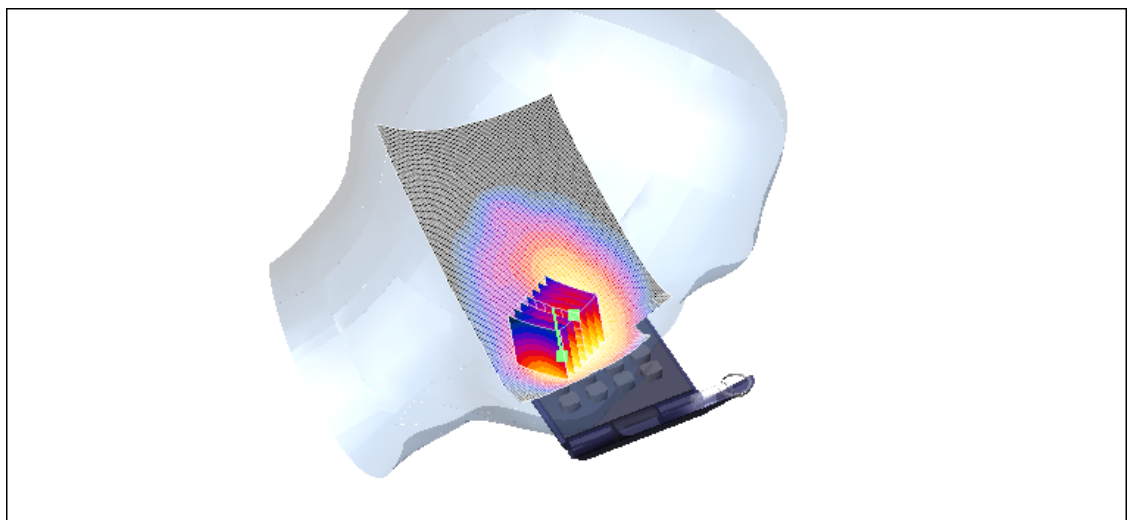
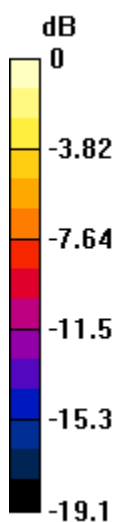
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.595 mW/g

Reference Value = 8.04 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 1.09 mW/g



0 dB = 0.978mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_left_ch810_tilted.da4](#)

1900_left_ch810_tilted

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.4255$ mho/m, $\epsilon_r = 39.78$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.18 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 0.425 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

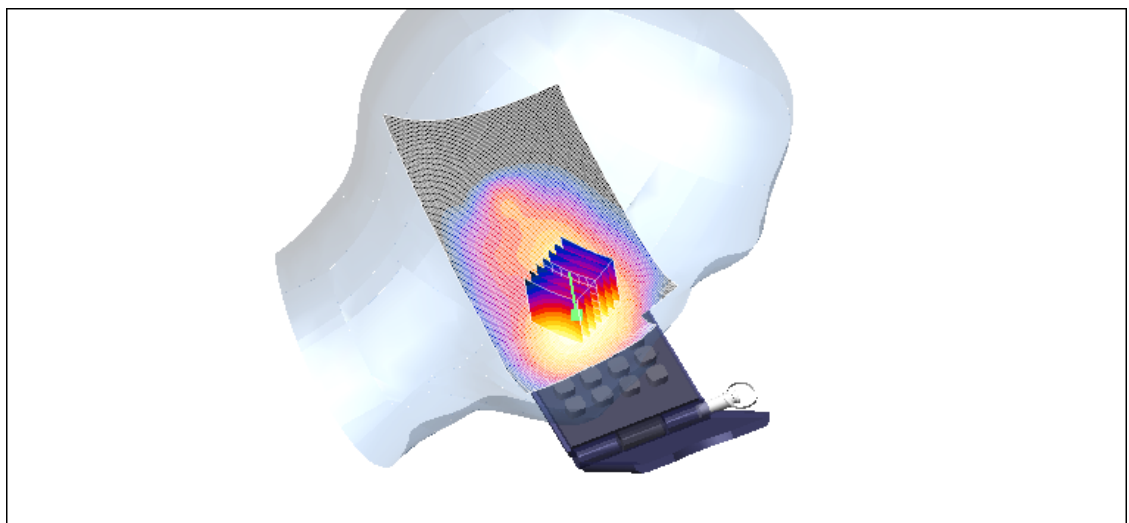
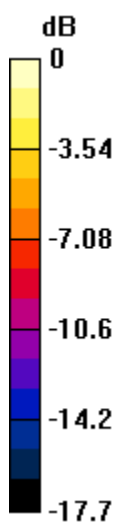
Peak SAR (extrapolated) = 0.63 W/kg

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.233 mW/g

Reference Value = 8.18 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 0.433 mW/g



0 dB = 0.433mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_flat_ch512_front.da4](#)

1900_flat_ch512_front

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.50124$ mho/m, $\epsilon_r = 51.4688$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (111x61x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.56 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.115 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

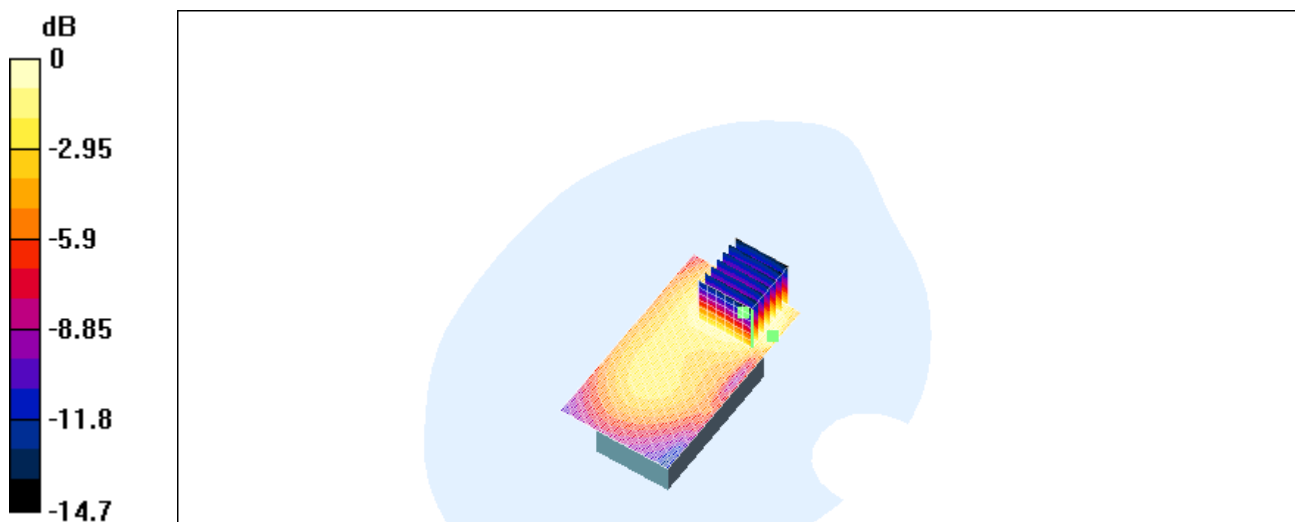
Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.0639 mW/g

Reference Value = 6.56 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.114 mW/g



0 dB = 0.114mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_flat_ch512_back.da4](#)

1900_flat_ch512_back

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.50124$ mho/m, $\epsilon_r = 51.4688$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (131x71x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 9.08 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 0.261 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

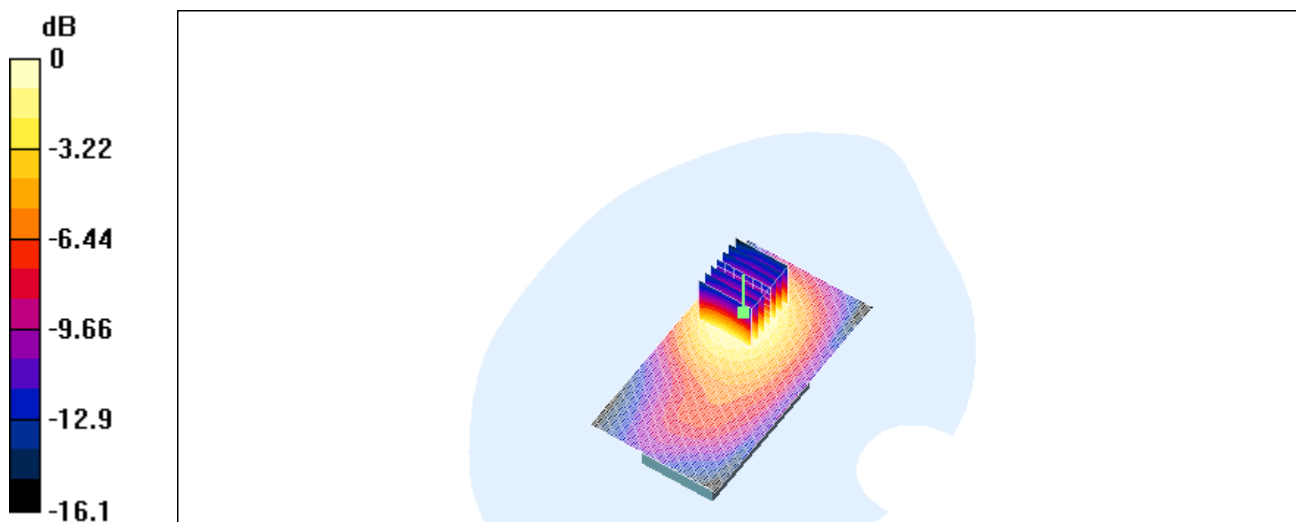
Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.143 mW/g

Reference Value = 9.08 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 0.26 mW/g



0 dB = 0.26mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_flat_ch661_front.da4](#)

1900_flat_ch661_front

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.53533$ mho/m, $\epsilon_r = 51.3967$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (111x61x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.25 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.0882 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

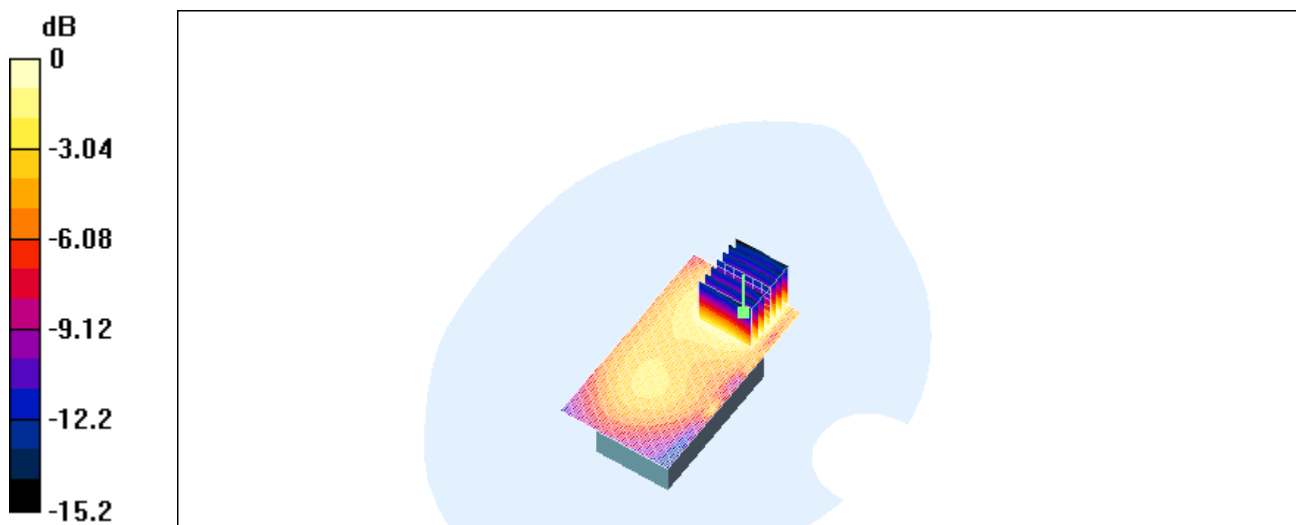
Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.0816 mW/g; SAR(10 g) = 0.0481 mW/g

Reference Value = 5.25 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.0872 mW/g



0 dB = 0.0872mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_flat_ch661_back.da4](#)

1900_flat_ch661_back

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.53533$ mho/m, $\epsilon_r = 51.3967$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (131x71x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.19 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.245 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

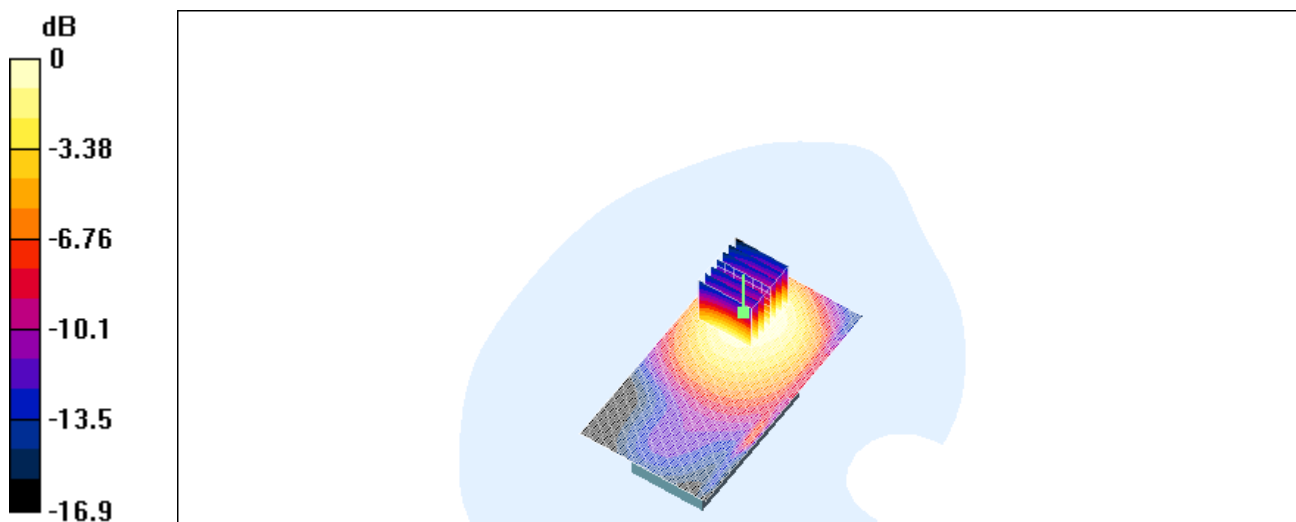
Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.136 mW/g

Reference Value = 8.19 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.239 mW/g



0 dB = 0.239mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_flat_ch810_front.da4](#)

1900_flat_ch810_front

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.58147$ mho/m, $\epsilon_r = 51.4107$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (111x61x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.52 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0786 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

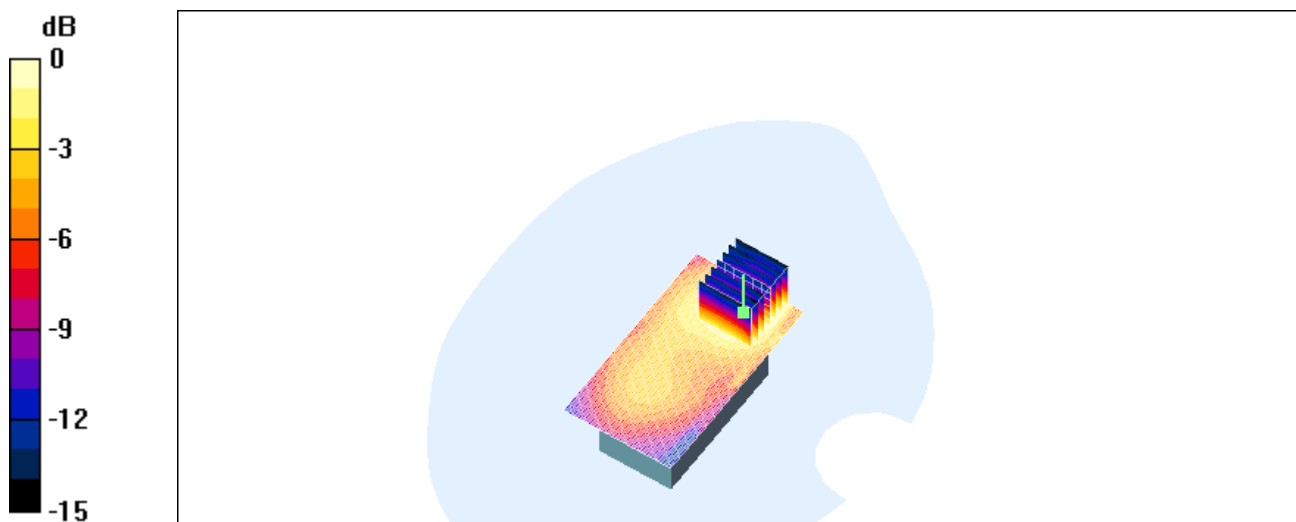
Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.0733 mW/g; SAR(10 g) = 0.043 mW/g

Reference Value = 4.52 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0774 mW/g



0 dB = 0.0774mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_flat_ch810_back.da4](#)

1900_flat_ch810_back

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: Muscle 1900 MHz ($\sigma = 1.58147$ mho/m, $\epsilon_r = 51.4107$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (131x71x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.57 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.207 mW/g

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

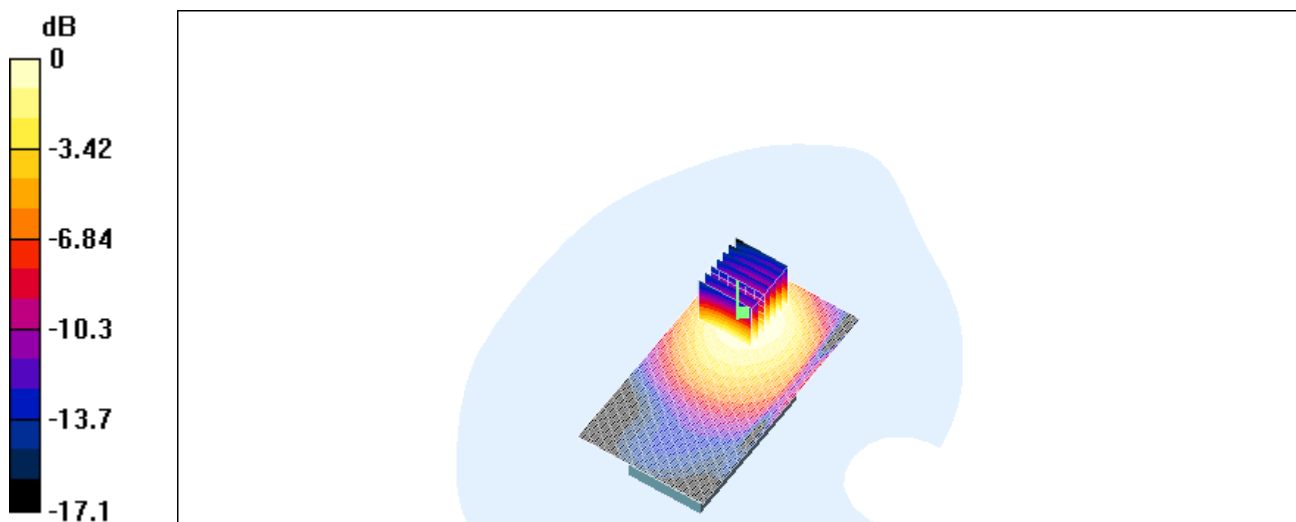
Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.19 mW/g; SAR(10 g) = 0.114 mW/g

Reference Value = 7.57 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.2 mW/g



0 dB = 0.2mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [1900_left_ch661_cheek.da4](#)

1900_left_ch661_cheek

DUT: Triple Band GSM 900(E-GSM)/DCS 1800 /PCS 1900(with WAP&GPRS); Type: -;

Serial: G700

Program: PCS 1900

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz ($\sigma = 1.39732$ mho/m, $\epsilon_r = 39.9416$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

G700/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

G700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

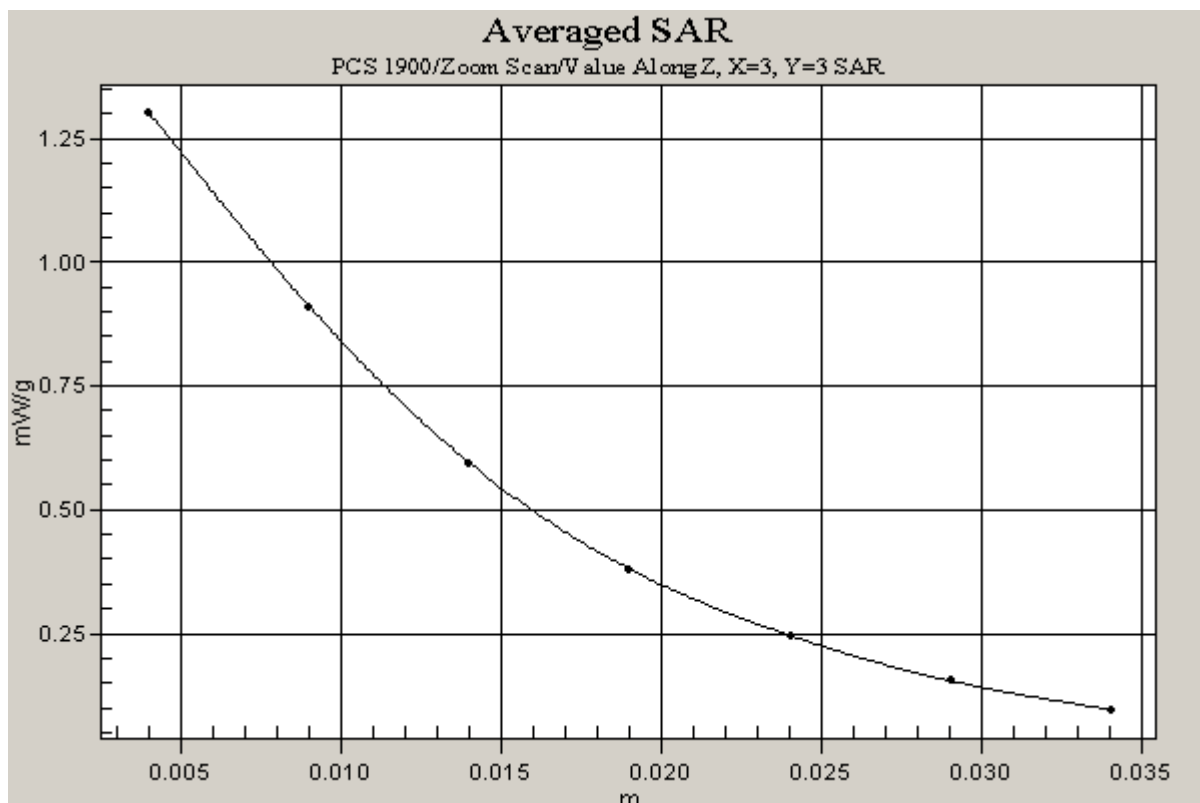
Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.723 mW/g

Reference Value = 8 V/m

Power Drift = 0.004 dB

Maximum value of SAR = 1.3 mW/g



Appendix C

Pictures

Appendix

A. Pictures















