

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_right_ch512_cheek.da4](#)

NXG9230_1900_right_ch512_cheek

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.06 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.68 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

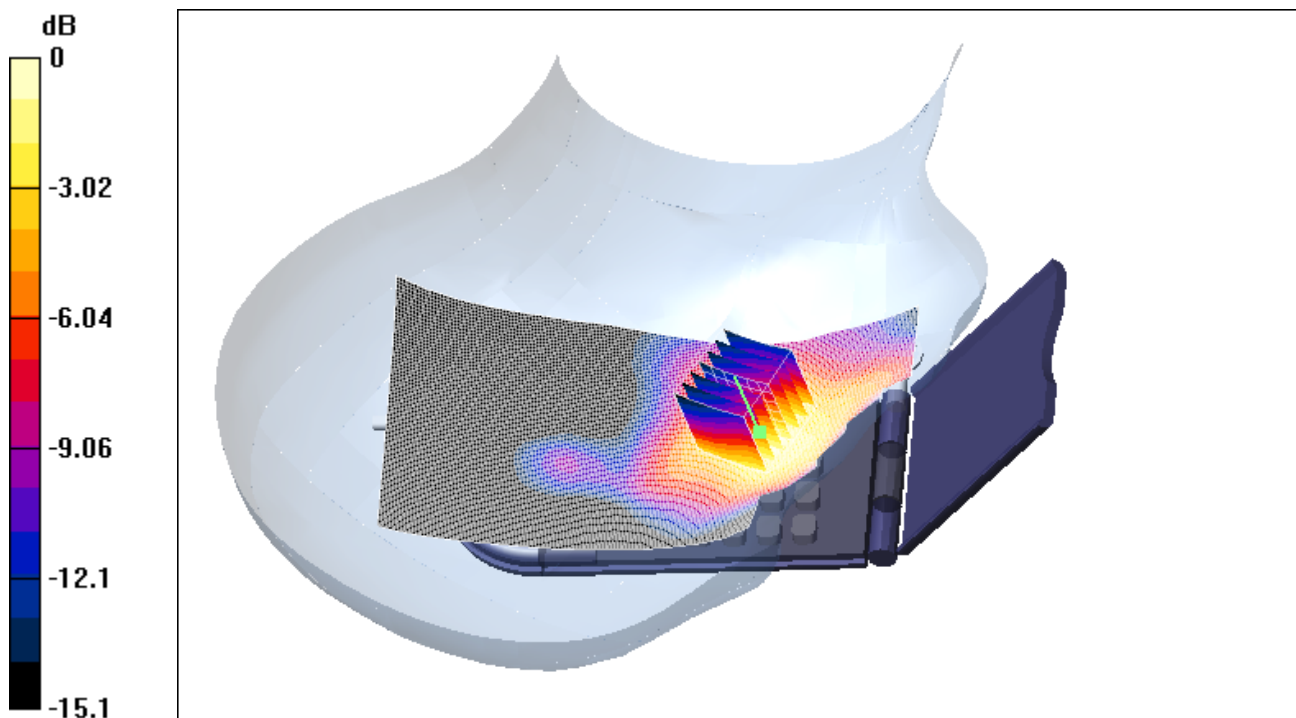
Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.377 mW/g

Reference Value = 5.06 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.677 mW/g



0 dB = 0.677mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_right_ch512_tilted.da4](#)

NXG9230_1900_right_ch512_tilted

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.34 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.0777 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

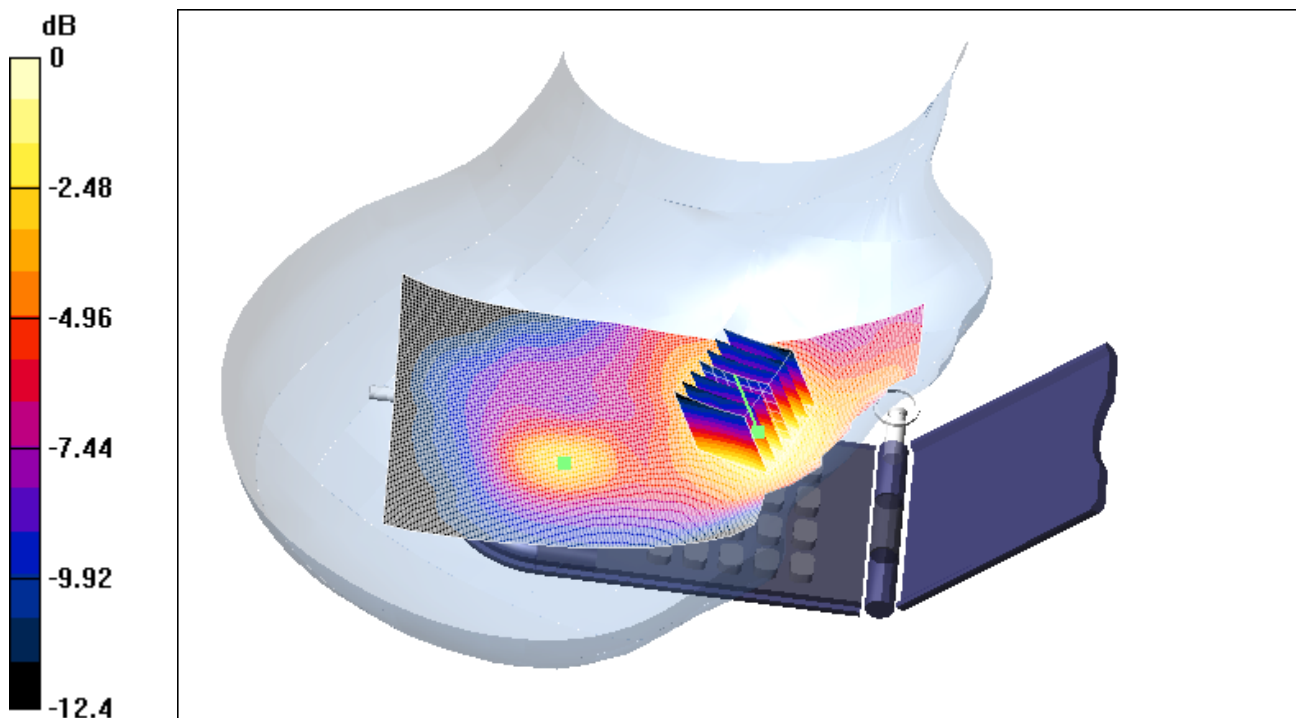
Peak SAR (extrapolated) = 0.12 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.0534 mW/g

Reference Value = 5.34 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.0893 mW/g



0 dB = 0.0893mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_right_ch661_cheek.da4](#)

NXG9230_1900_right_ch661_cheek

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.57 V/m

Power Drift = 0.08 dB

Maximum value of SAR = 0.653 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

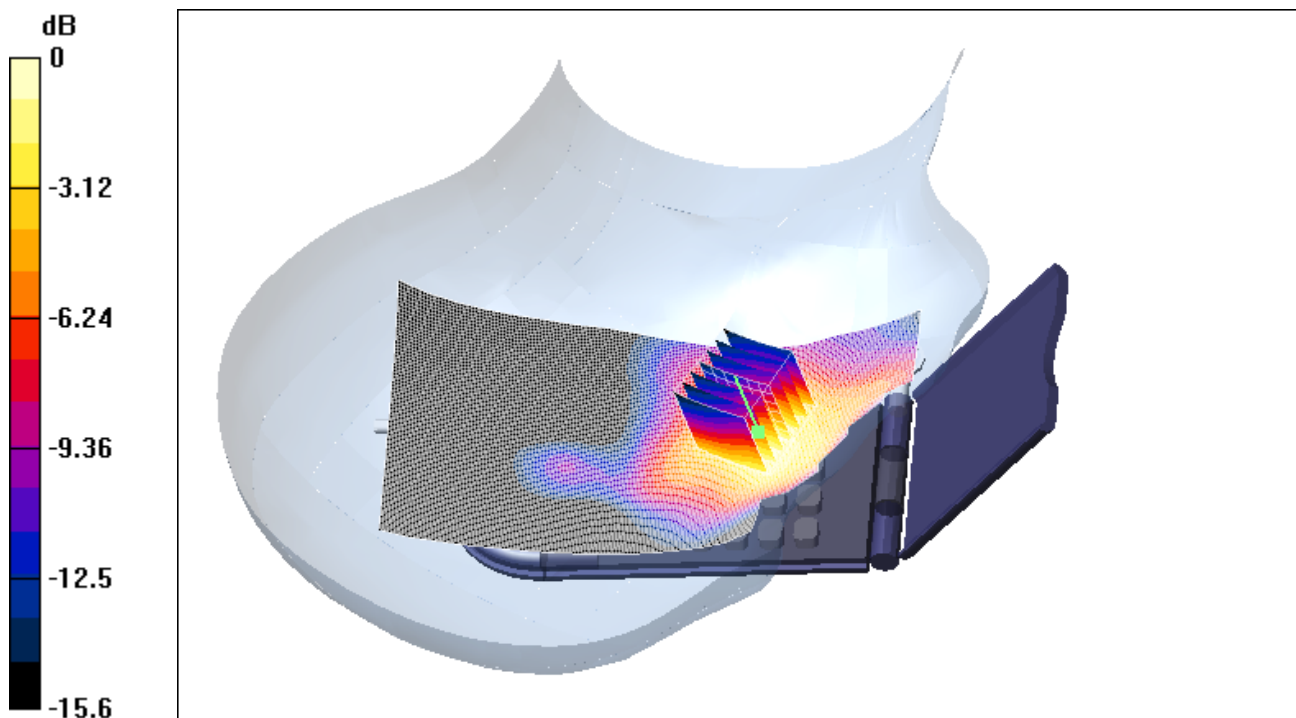
Peak SAR (extrapolated) = 0.938 W/kg

SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.354 mW/g

Reference Value = 4.57 V/m

Power Drift = 0.08 dB

Maximum value of SAR = 0.661 mW/g



$$0 \text{ dB} = 0.661 \text{ mW/g}$$

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_right_ch661_tilted.da4](#)

NXG9230_1900_right_ch661_tilted

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.04 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0777 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

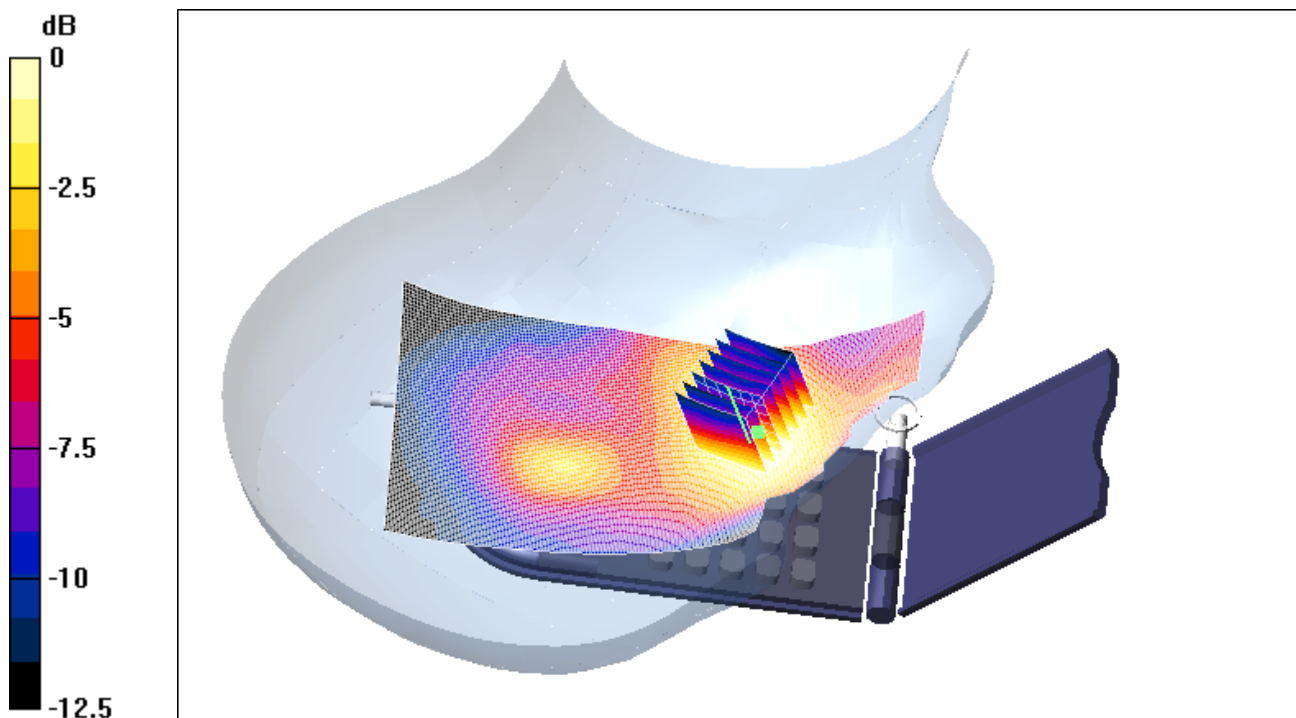
Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.0726 mW/g; SAR(10 g) = 0.0467 mW/g

Reference Value = 5.04 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0773 mW/g



0 dB = 0.0773mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_right_ch810_cheek.da4](#)

NXG9230_1900_right_ch810_cheek

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.11 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.58 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

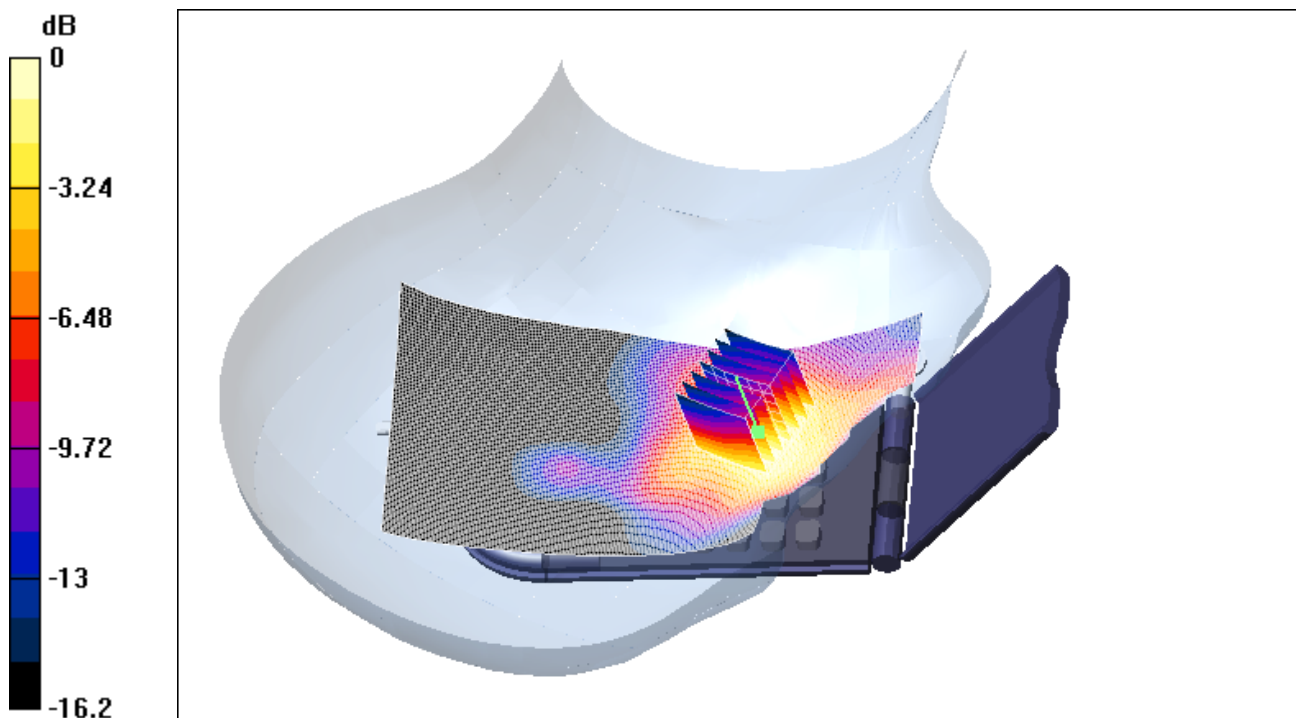
Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.312 mW/g

Reference Value = 4.11 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.575 mW/g



0 dB = 0.575mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_right_ch810_tilted.da4](#)

NXG9230_1900_right_ch810_tilted

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.62 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.0722 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

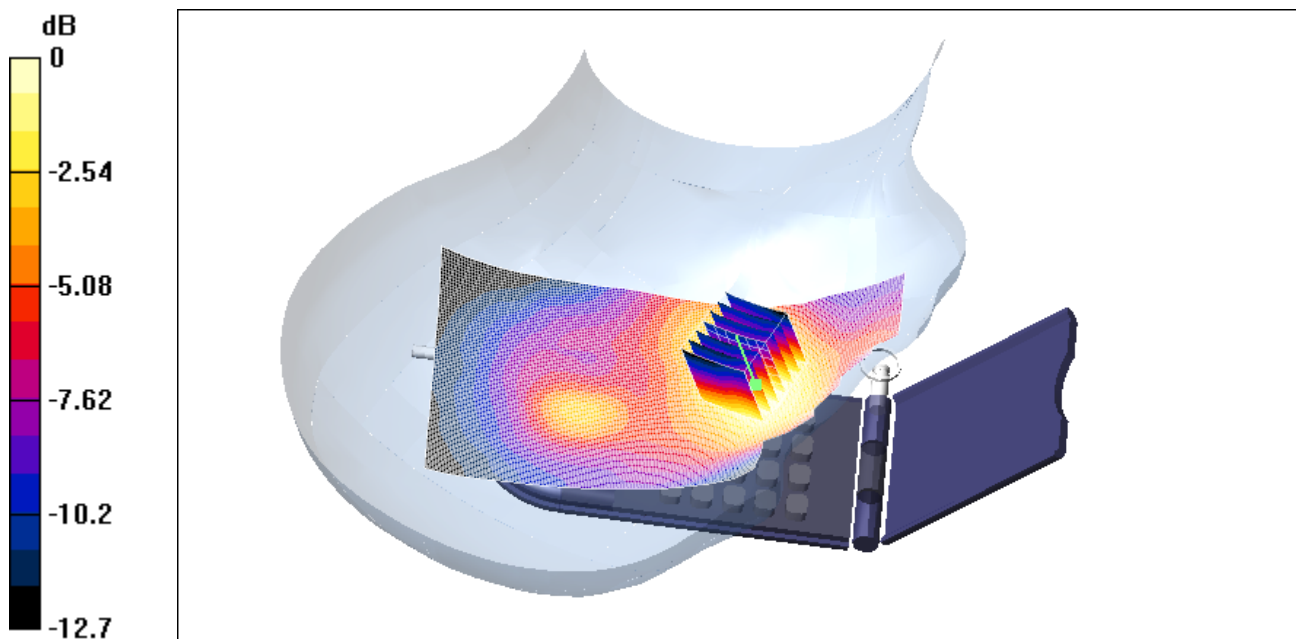
Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.0683 mW/g; SAR(10 g) = 0.0439 mW/g

Reference Value = 4.62 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.0733 mW/g



0 dB = 0.0733mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_left_ch512_cheek.da4](#)

NXG9230_1900_left_ch512_cheek

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.42 V/m

Power Drift = 0.009 dB

Maximum value of SAR = 1.08 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

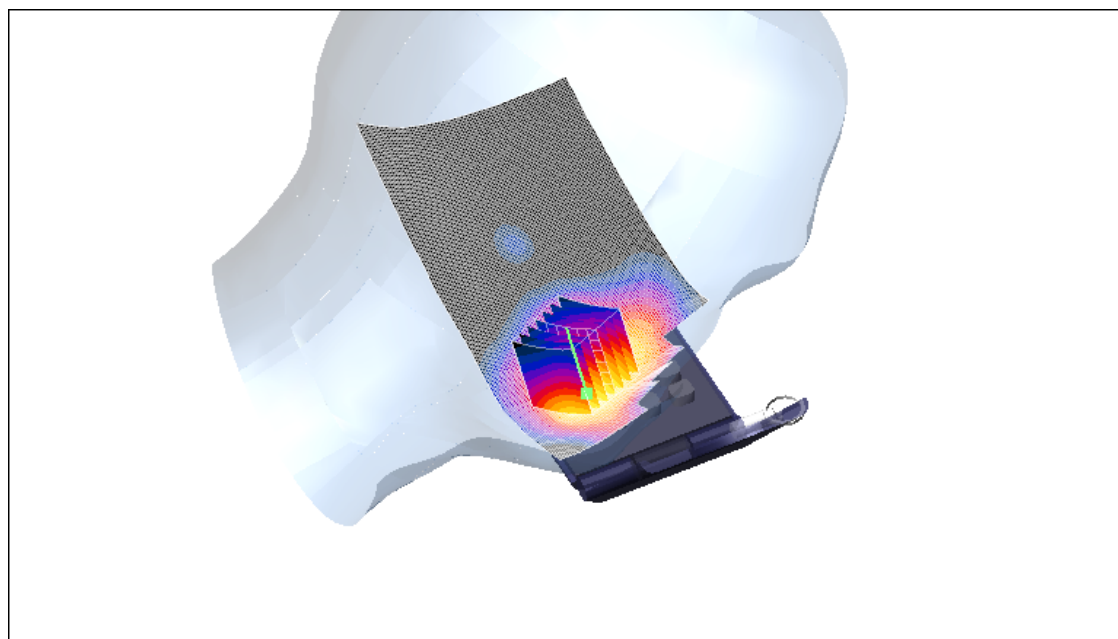
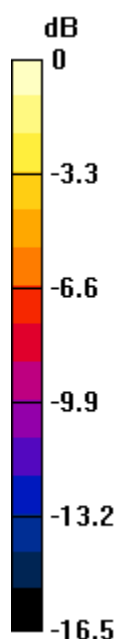
Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.574 mW/g

Reference Value = 4.42 V/m

Power Drift = 0.009 dB

Maximum value of SAR = 1.05 mW/g



0 dB = 1.05mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_left_ch512_tilted.da4](#)

NXG9230_1900_left_ch512_tilted

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.38 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.12 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

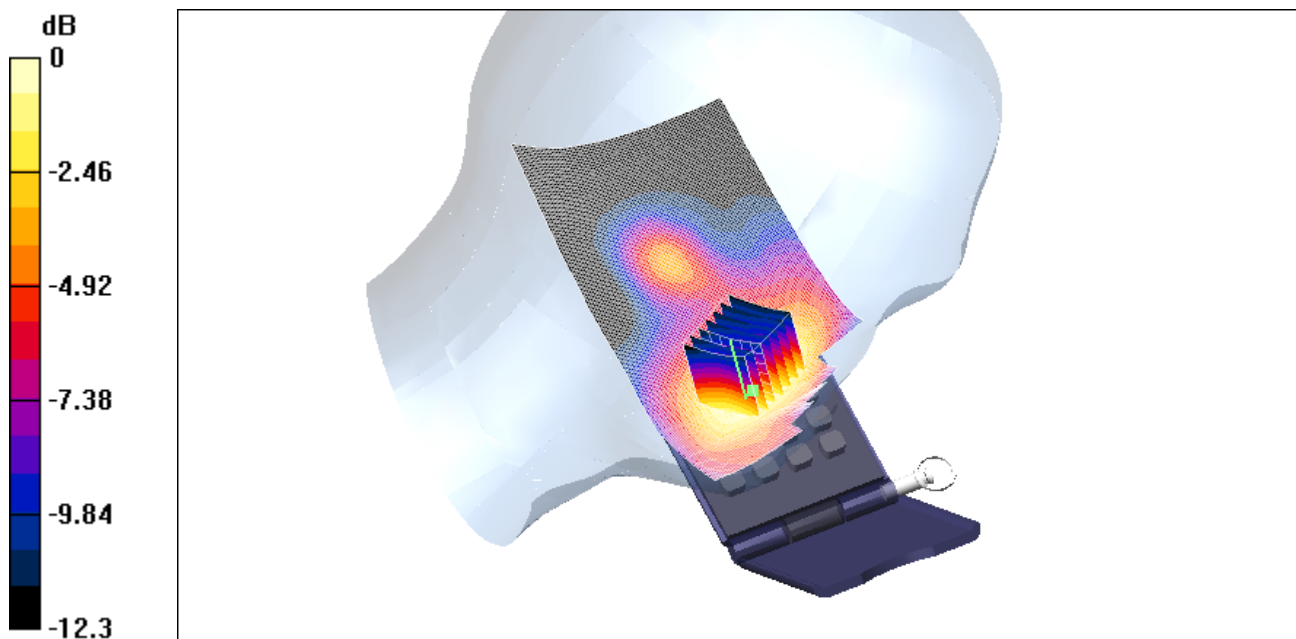
Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.0718 mW/g

Reference Value = 5.38 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.121 mW/g



0 dB = 0.121mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_left_ch661_cheek.da4](#)

NXG9230_1900_left_ch661_cheek

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.33 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.03 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

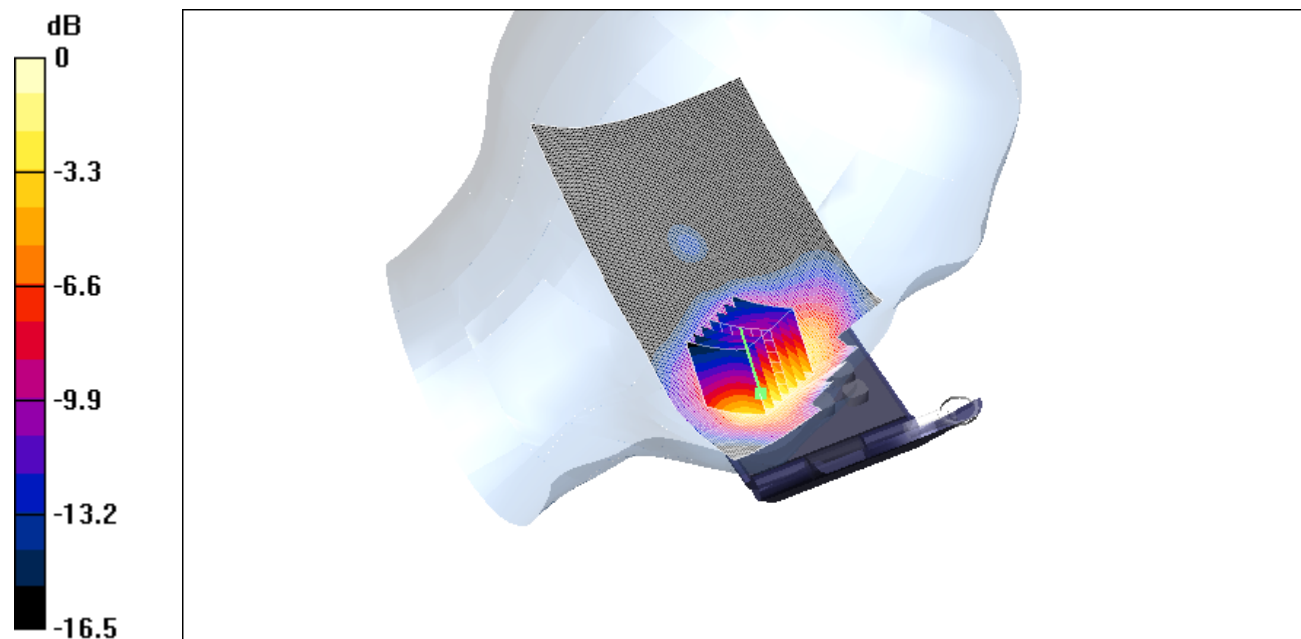
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.93 mW/g; SAR(10 g) = 0.556 mW/g

Reference Value = 4.33 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.01 mW/g



0 dB = 1.01mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_left_ch661_tilted.da4](#)

NXG9230_1900_left_ch661_tilted

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.21 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.112 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

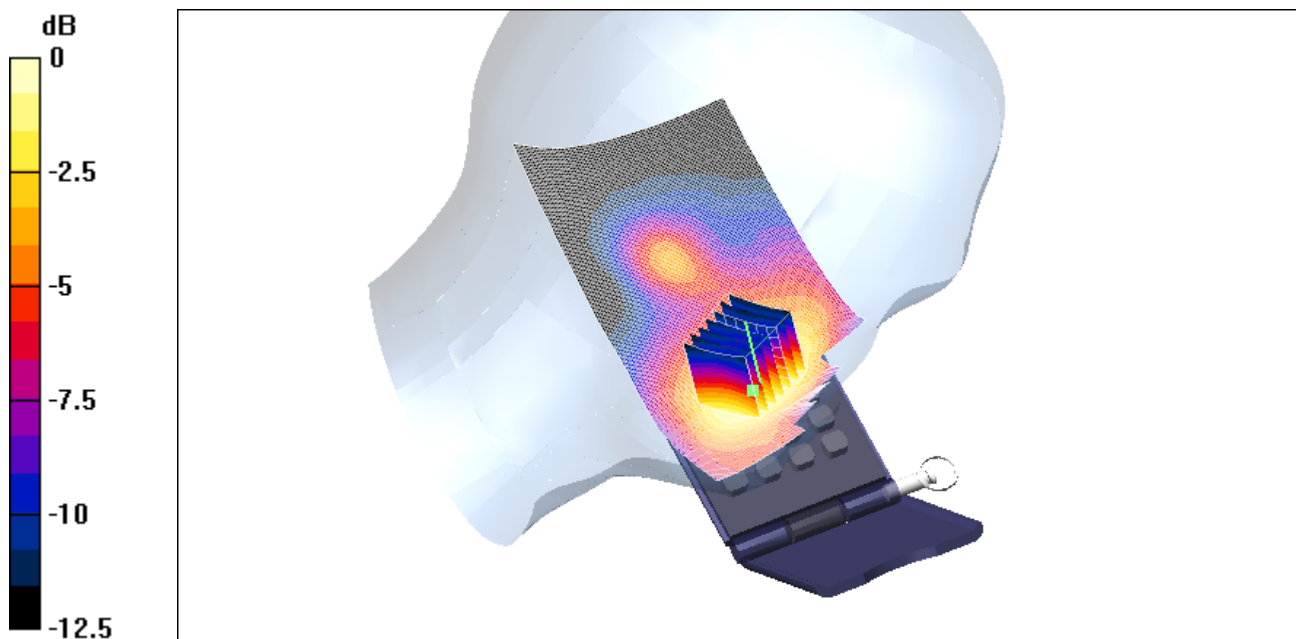
Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.0657 mW/g

Reference Value = 5.21 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.111 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_left_ch810_cheek.da4](#)

NXG9230_1900_left_ch810_cheek

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 3.75 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.95 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

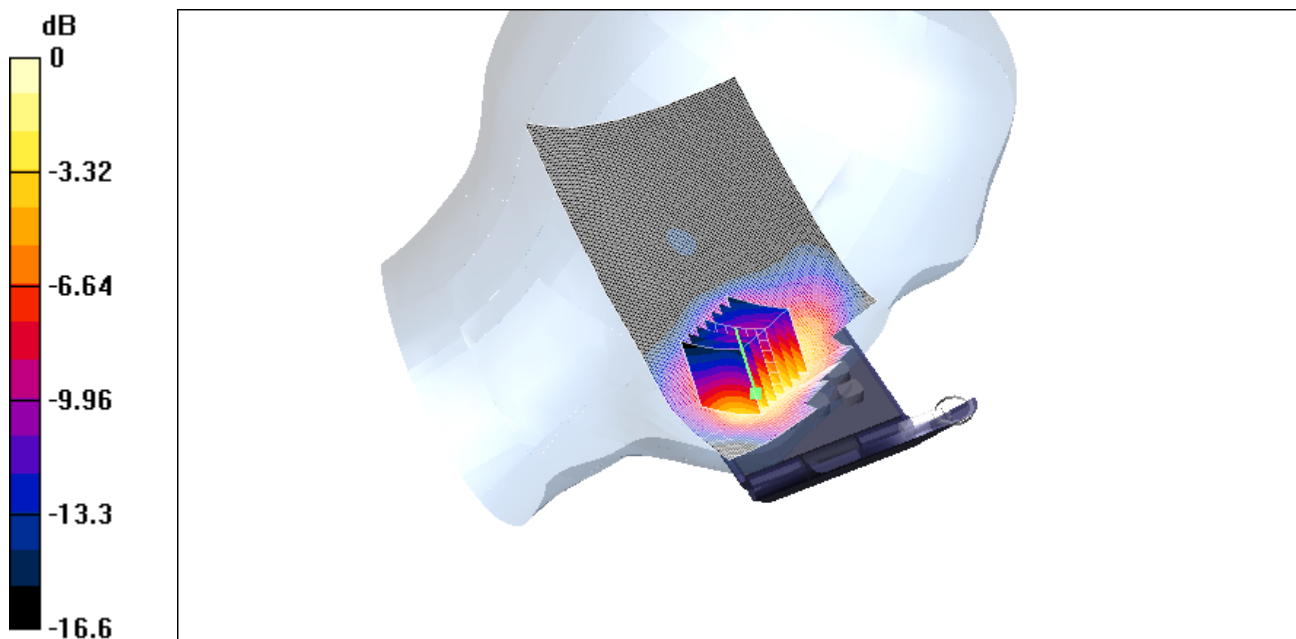
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.493 mW/g

Reference Value = 3.75 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.916 mW/g



0 dB = 0.916mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_left_ch810_tilted.da4](#)

NXG9230_1900_left_ch810_tilted

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.0969 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

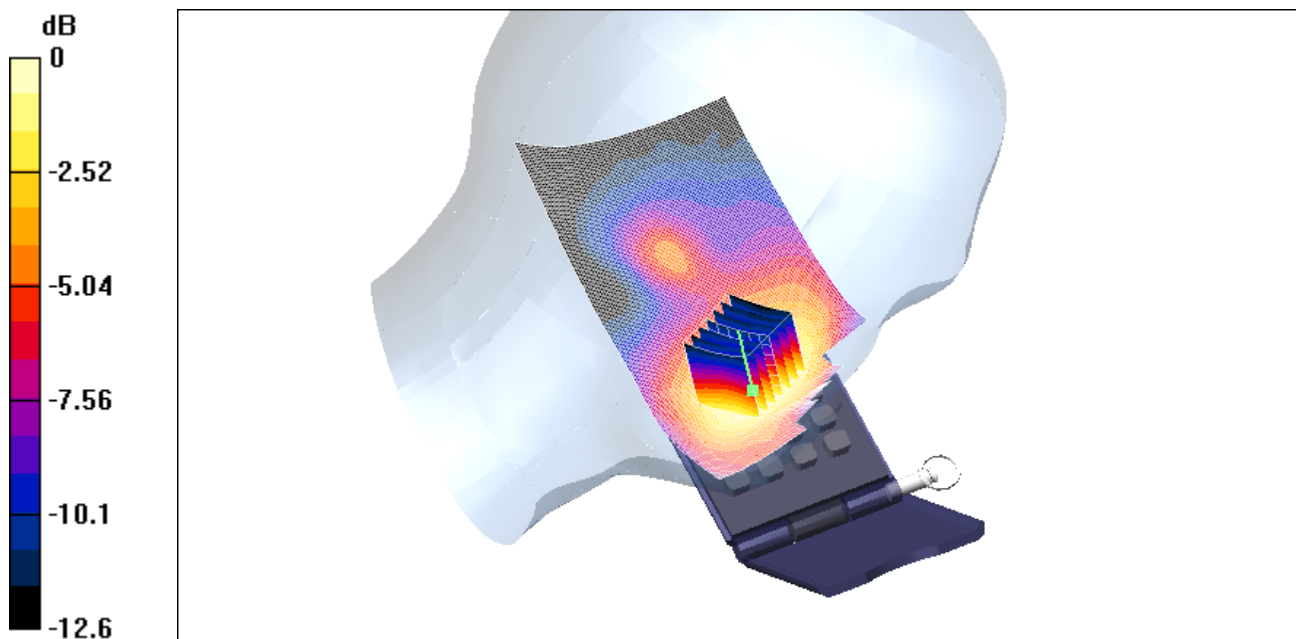
Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.0894 mW/g; SAR(10 g) = 0.0561 mW/g

Reference Value = 4.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.0965 mW/g



0 dB = 0.0965mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_flat_ch512_front.da4](#)

NXG9230_1900_flat_ch512_front

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

Medium: Muscle 1900 MHz ($\sigma = 1.5128$ mho/m, $\epsilon_r = 51.9802$, $\rho = 1000$ 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

NXG9230/Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 10.5 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.182 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

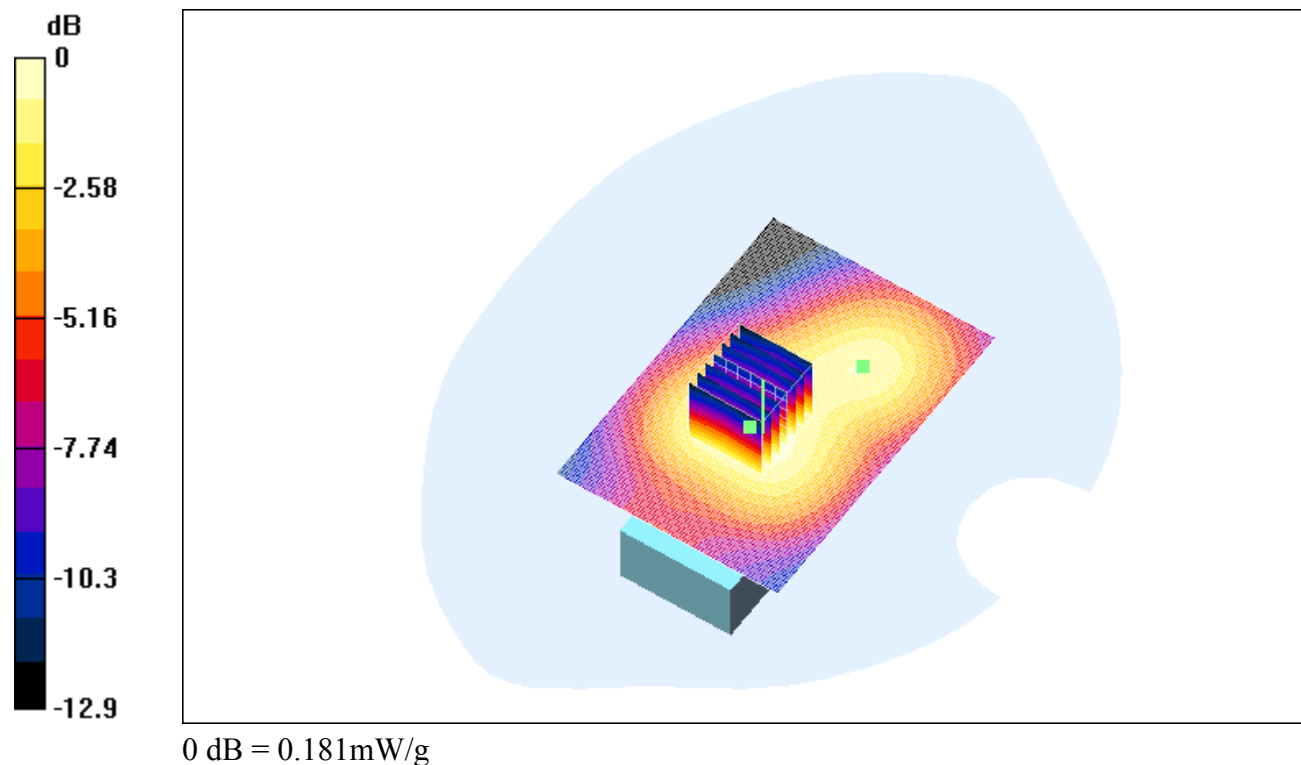
Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.109 mW/g

Reference Value = 10.5 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.181 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_flat_ch512_back.da4](#)

NXG9230_1900_flat_ch512_back

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

Medium: Muscle 1900 MHz ($\sigma = 1.5128$ mho/m, $\epsilon_r = 51.9802$, $\rho = 1000$ 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

NXG9230/Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 13 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.331 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

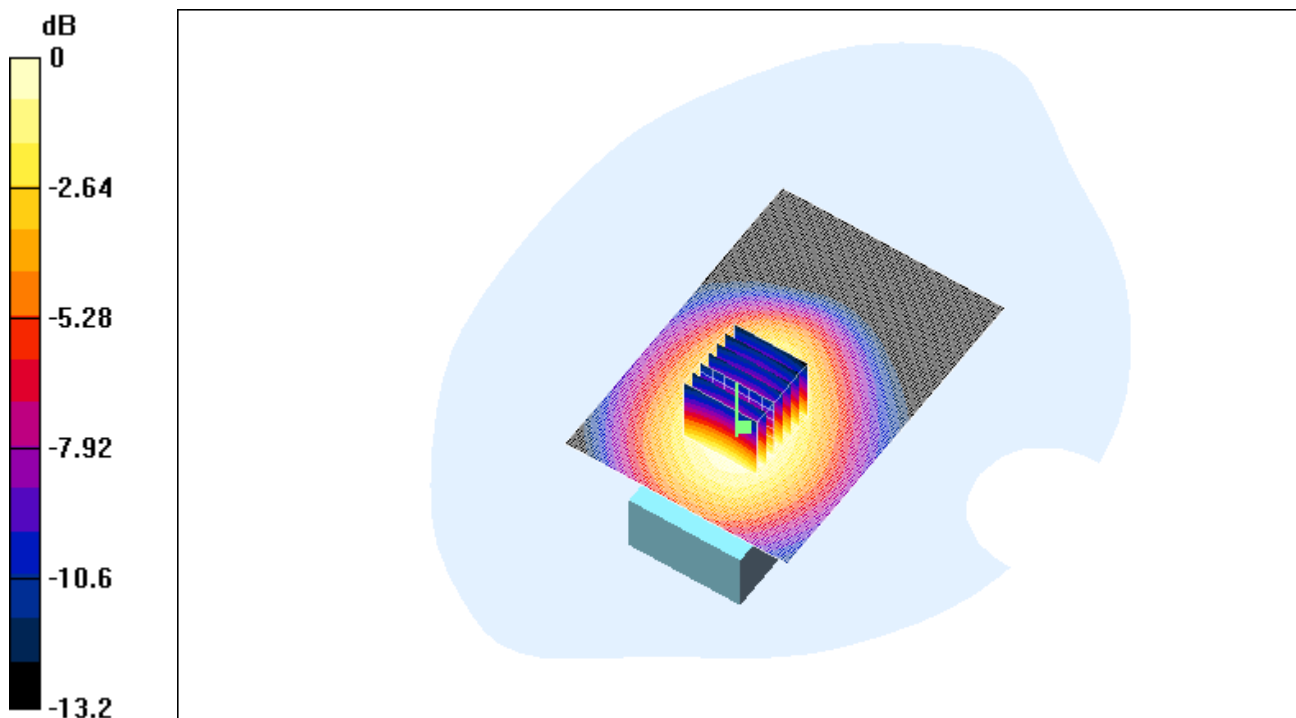
Peak SAR (extrapolated) = 0.49 W/kg

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.201 mW/g

Reference Value = 13 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.327 mW/g



0 dB = 0.327mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_flat_ch661_front.da4](#)

NXG9230_1900_flat_ch661_front

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

Medium: Muscle 1900 MHz ($\sigma = 1.55213$ mho/m, $\epsilon_r = 51.8513$, $\rho = 1000$ 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

NXG9230/Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.71 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.162 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

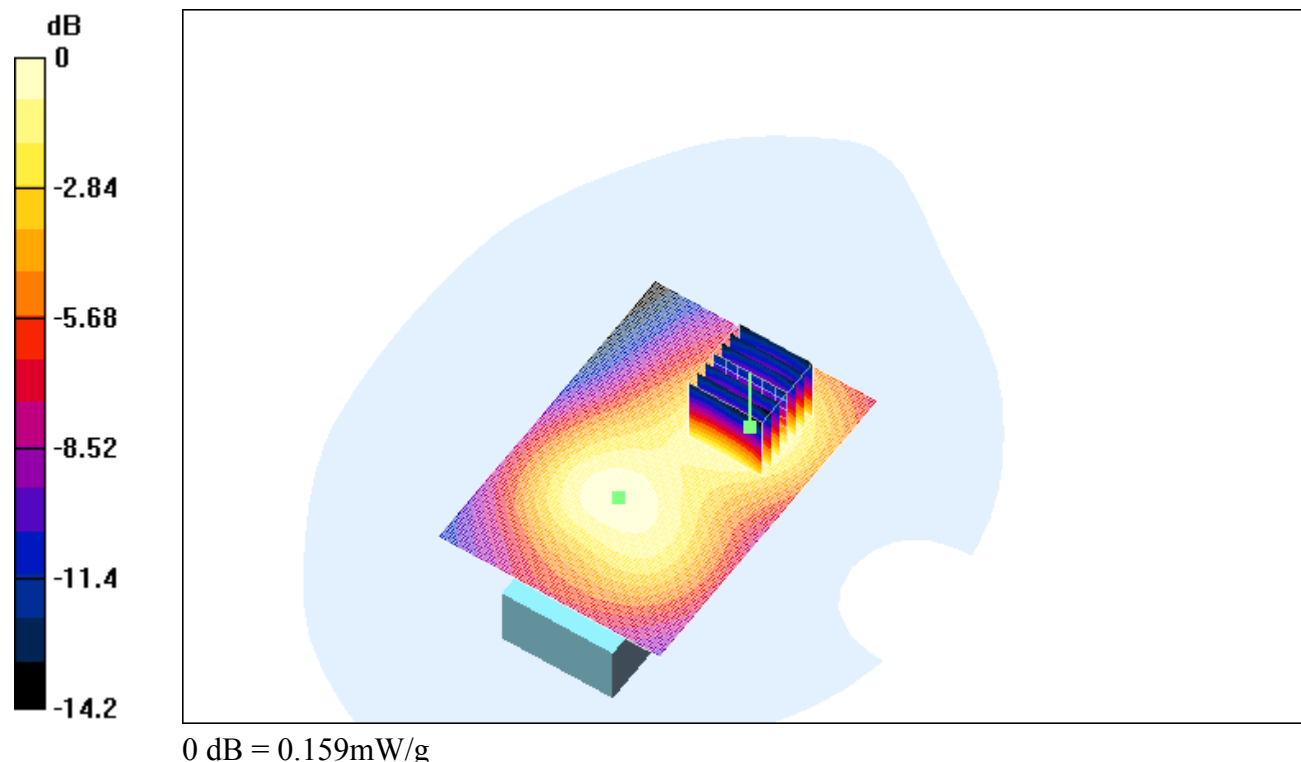
Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.0905 mW/g

Reference Value = 8.71 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.159 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_flat_ch661_back.da4](#)

NXG9230_1900_flat_ch661_back

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

Medium: Muscle 1900 MHz ($\sigma = 1.55213$ mho/m, $\epsilon_r = 51.8513$, $\rho = 1000$ 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

NXG9230/Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 11.9 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.3 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

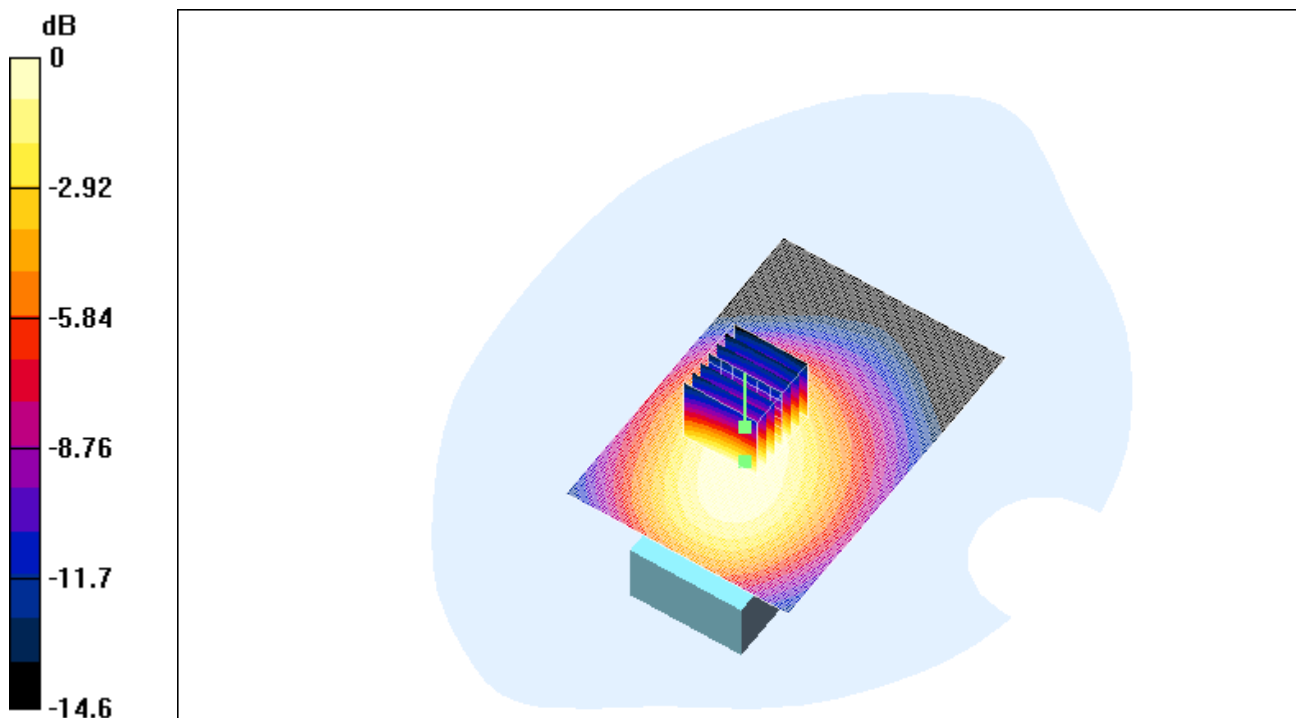
Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.177 mW/g

Reference Value = 11.9 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.298 mW/g



$$0 \text{ dB} = 0.298 \text{ mW/g}$$

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_flat_ch810_front.da4](#)

NXG9230_1900_flat_ch810_front

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

Medium: Muscle 1900 MHz ($\sigma = 1.58876$ mho/m, $\epsilon_r = 51.863$, $\rho = 1000$ 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

NXG9230/Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.69 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.147 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

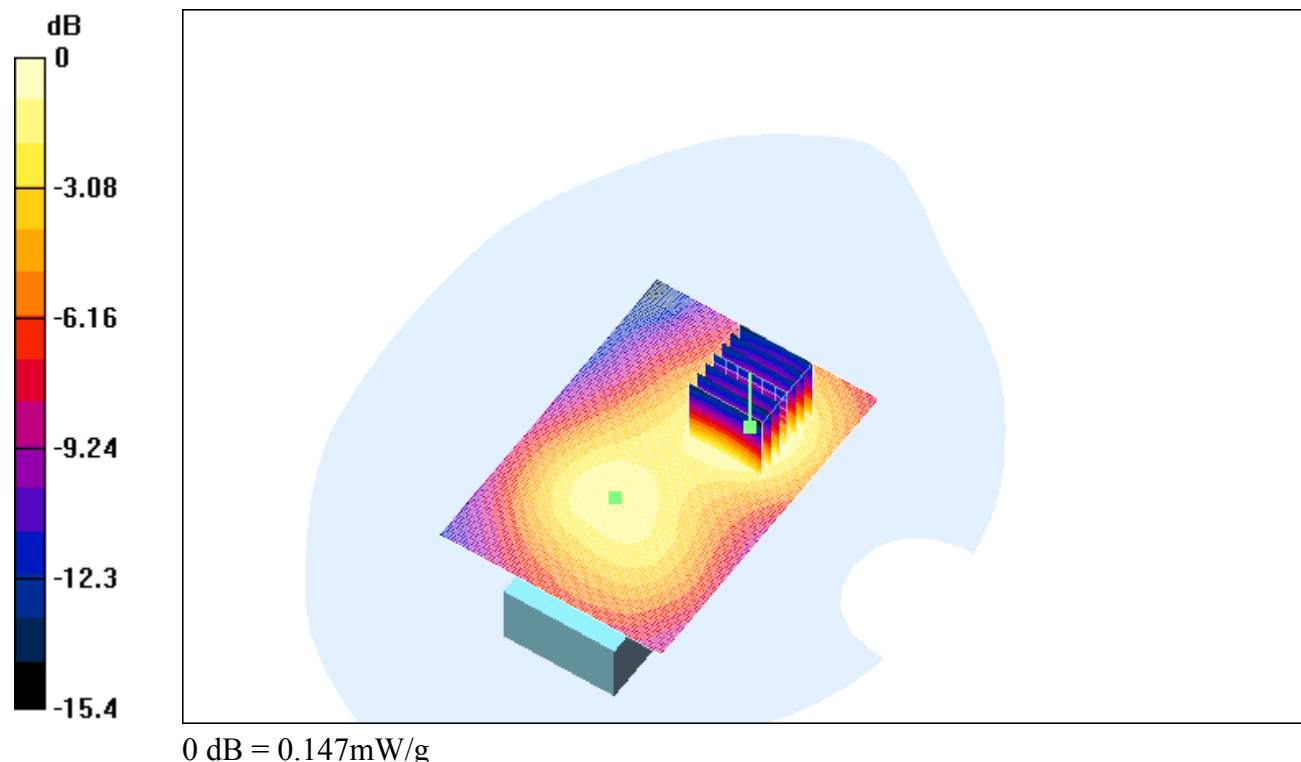
Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.0824 mW/g

Reference Value = 7.69 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.147 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_flat_ch810_back.da4](#)

NXG9230_1900_flat_ch810_back

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

Medium: Muscle 1900 MHz ($\sigma = 1.58876$ mho/m, $\epsilon_r = 51.863$, $\rho = 1000$ 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

NXG9230/Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 11.3 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.334 mW/g

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

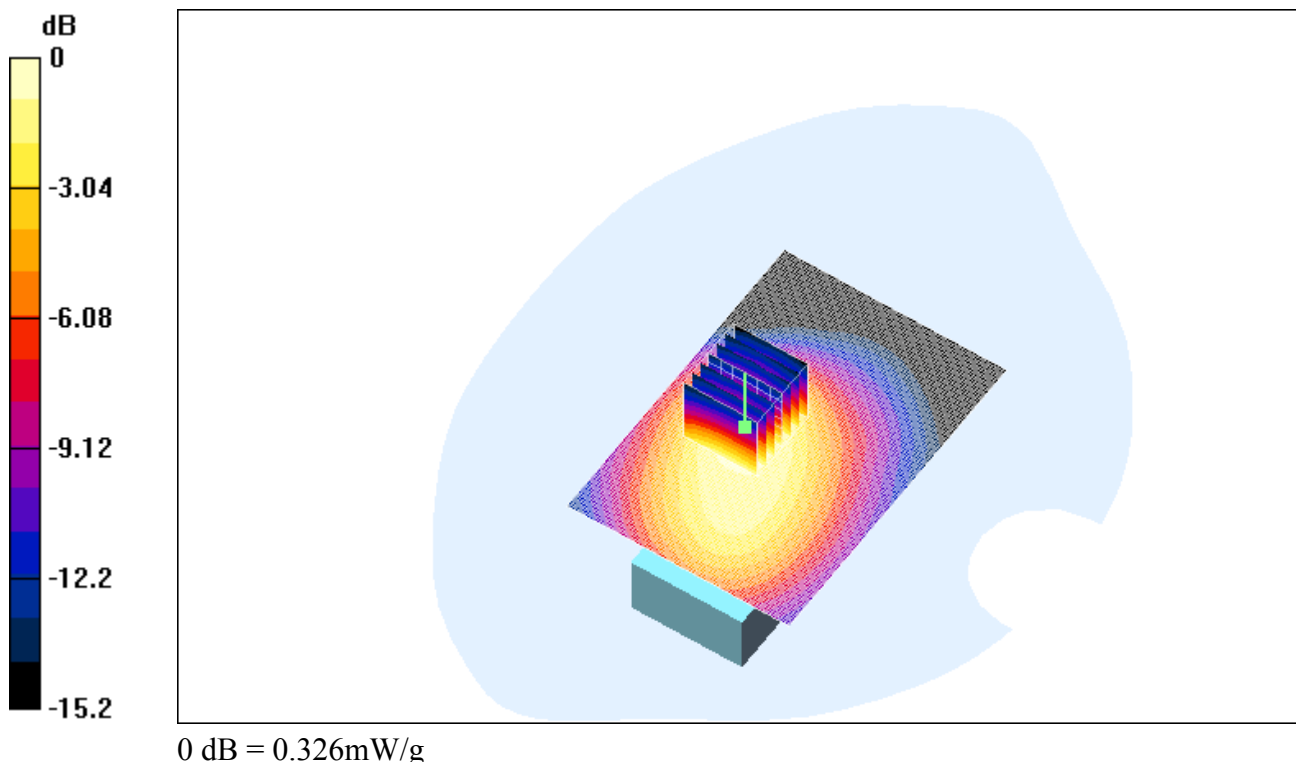
Peak SAR (extrapolated) = 0.511 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.18 mW/g

Reference Value = 11.3 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.326 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_850_right_ch189_cheek.da4](#)

Z-axis_NXG9230_850_right_ch189_cheek

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: GSM 850

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8

Medium: Head 900 MHz ($\sigma = 0.891666 \text{ mho/m}$, $\epsilon_r = 42.1541$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); 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

NXG9230/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

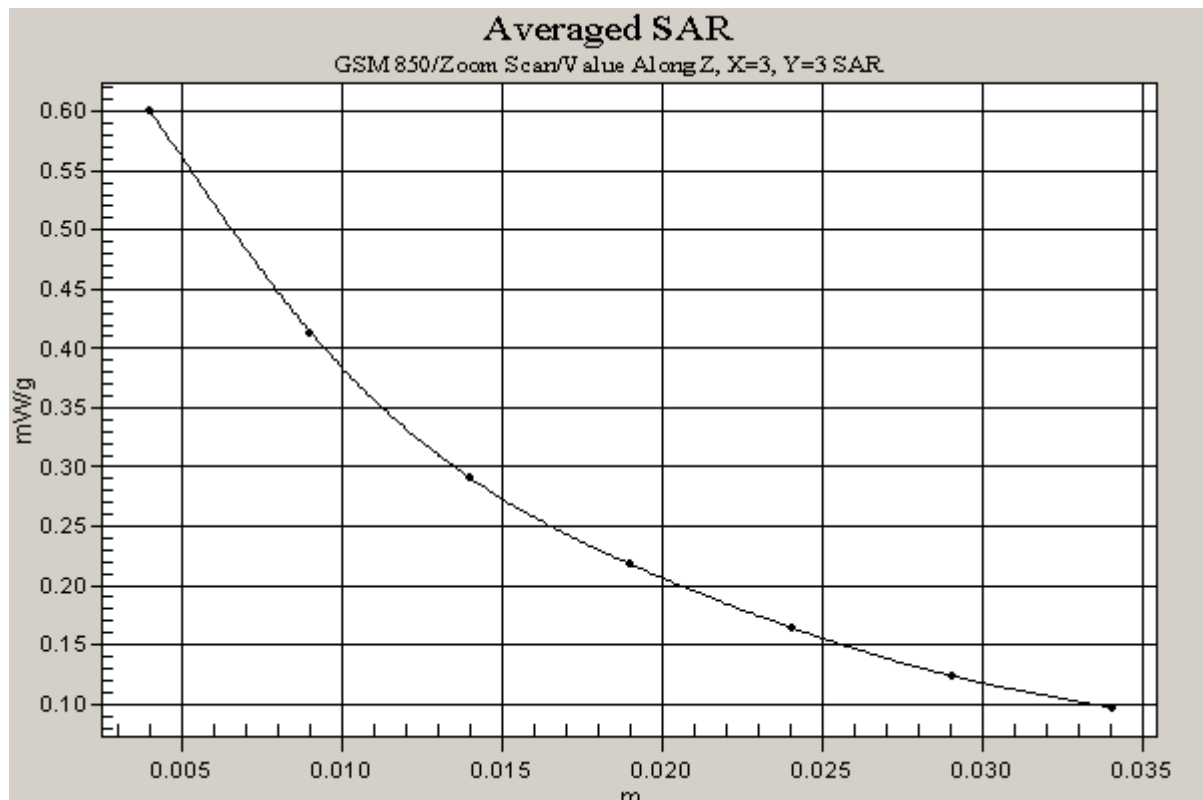
Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.365 mW/g

Reference Value = 4.82 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.6 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [NXG9230_1900_left_ch512_cheek.da4](#)

NXG9230_1900_left_ch512_cheek

DUT: Dual Band GSM850 / PCS1900; Type: -; Serial: NXG9230

Program: PCS 1900

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

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

NXG9230/Area Scan (91x181x1): Measurement grid: dx=10mm, dy=10mm

NXG9230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.574 mW/g

Reference Value = 4.42 V/m

Power Drift = 0.009 dB

Maximum value of SAR = 1.05 mW/g

