

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_right_ch661_cheek

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

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

Medium: Head 1900 MHz Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Reference Value = 14.6 V/m ; Power Drift = -0.009 dB

Maximum value of SAR (interpolated) = 0.545 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.6 V/m ; Power Drift = -0.009 dB

Maximum value of SAR (measured) = 0.608 mW/g

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.519 mW/g ; SAR(10 g) = 0.292 mW/g

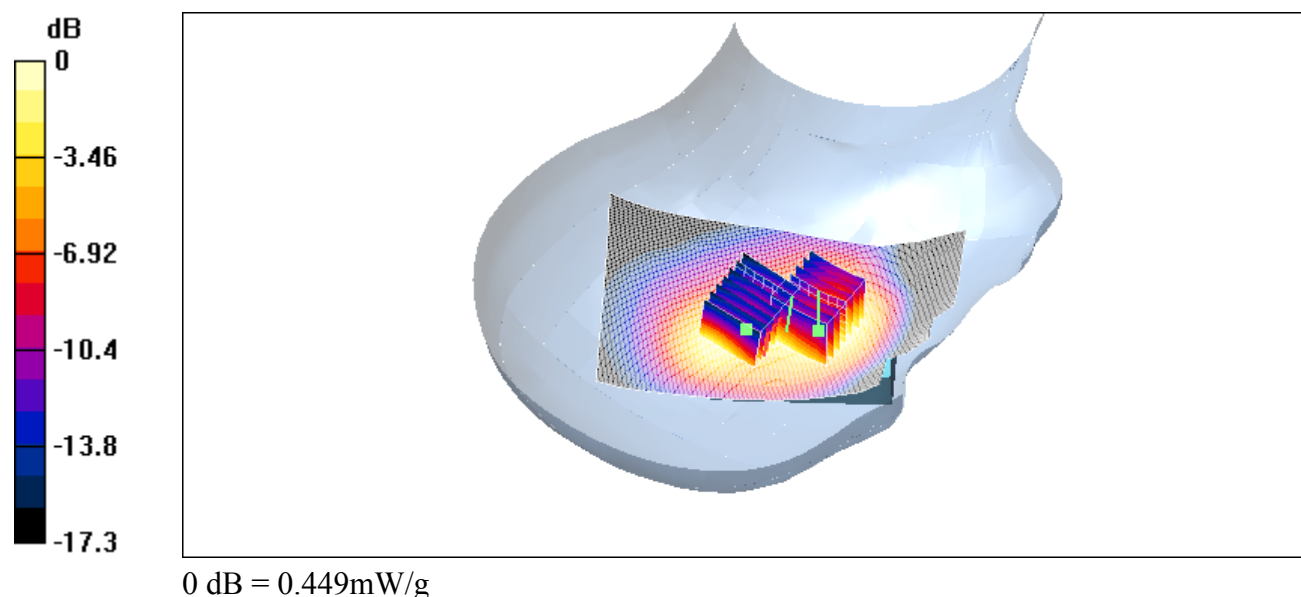
GB310/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.6 V/m ; Power Drift = -0.009 dB

Maximum value of SAR (measured) = 0.449 mW/g

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.375 mW/g ; SAR(10 g) = 0.211 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_left_ch661_tilted

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

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

Medium: Head 1900 MHz Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Reference Value = 15.1 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.298 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.1 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.296 mW/g

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.148 mW/g

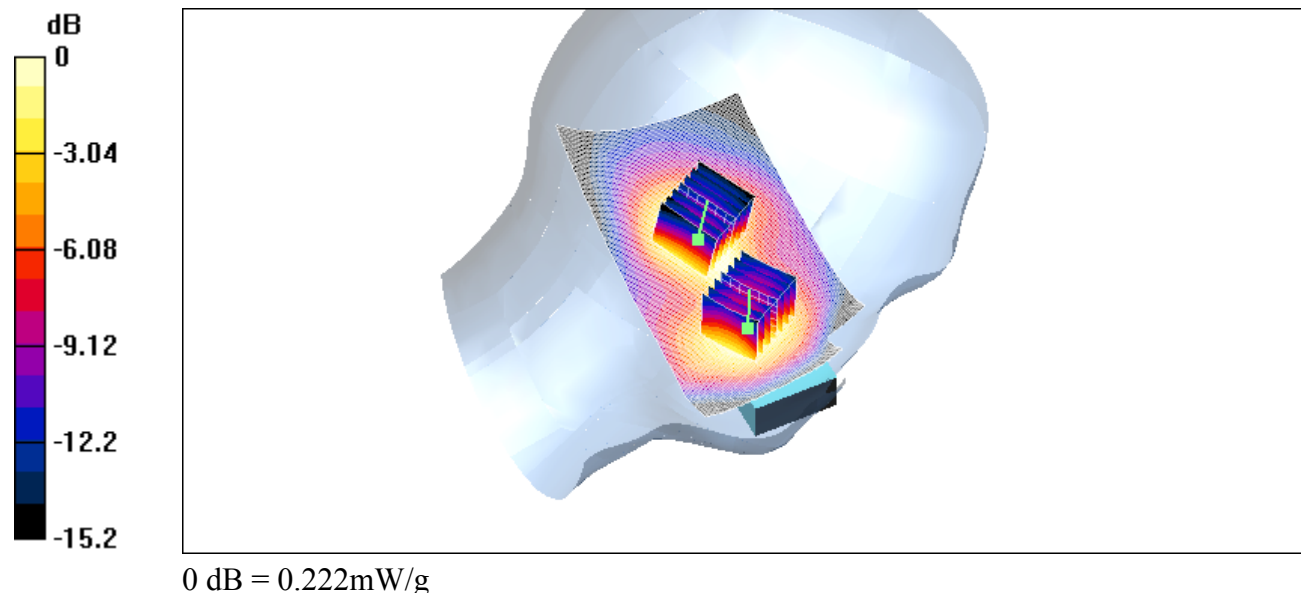
GB310/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.1 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.222 mW/g

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.129 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_flat_ch661_back

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

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

Medium: Muscle 1900 MHz Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.6, 4.6, 4.6); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (131x81x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Reference Value = 7.52 V/m; Power Drift = -0.005 dB

Maximum value of SAR (interpolated) = 0.146 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.52 V/m; Power Drift = -0.005 dB

Maximum value of SAR (measured) = 0.144 mW/g

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.081 mW/g

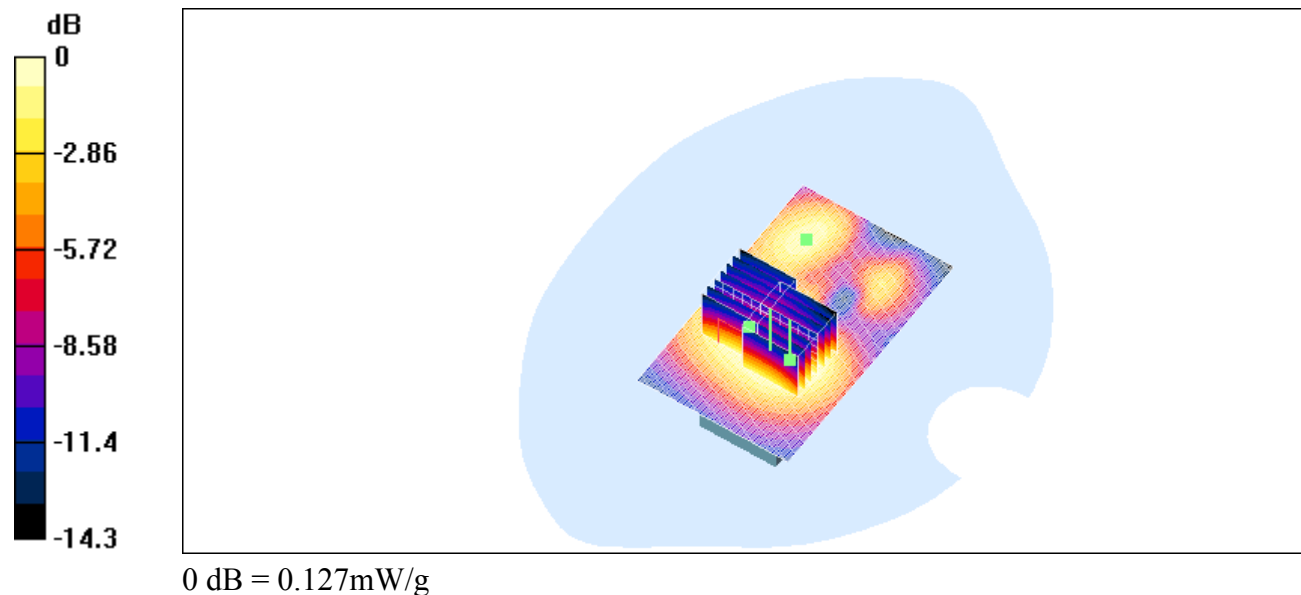
GB310/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.52 V/m; Power Drift = -0.005 dB

Maximum value of SAR (measured) = 0.127 mW/g

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.075 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_flat_ch810_back

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

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

Medium: Muscle 1900 MHz Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.6, 4.6, 4.6); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (131x81x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Reference Value = 6.75 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.151 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.75 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.147 mW/g

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.082 mW/g

GB310/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.75 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.141 mW/g

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.069 mW/g

