

Appendix B

Measurement Plots

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.2450 \(h\)_250mW_11.12.2003.da4](#)

Dipol Valid.2450 (h)_250mW_11.12.2003

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 722

Program: Dipol Valid 2450

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: Head 2450 MHz ($\sigma = 1.85$ mho/m, $\epsilon_r = 38$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.9, 4.9, 4.9); 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 2450 (250mW)/Area Scan (41x61x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 100.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 16.2 mW/g

Dipol 2450 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

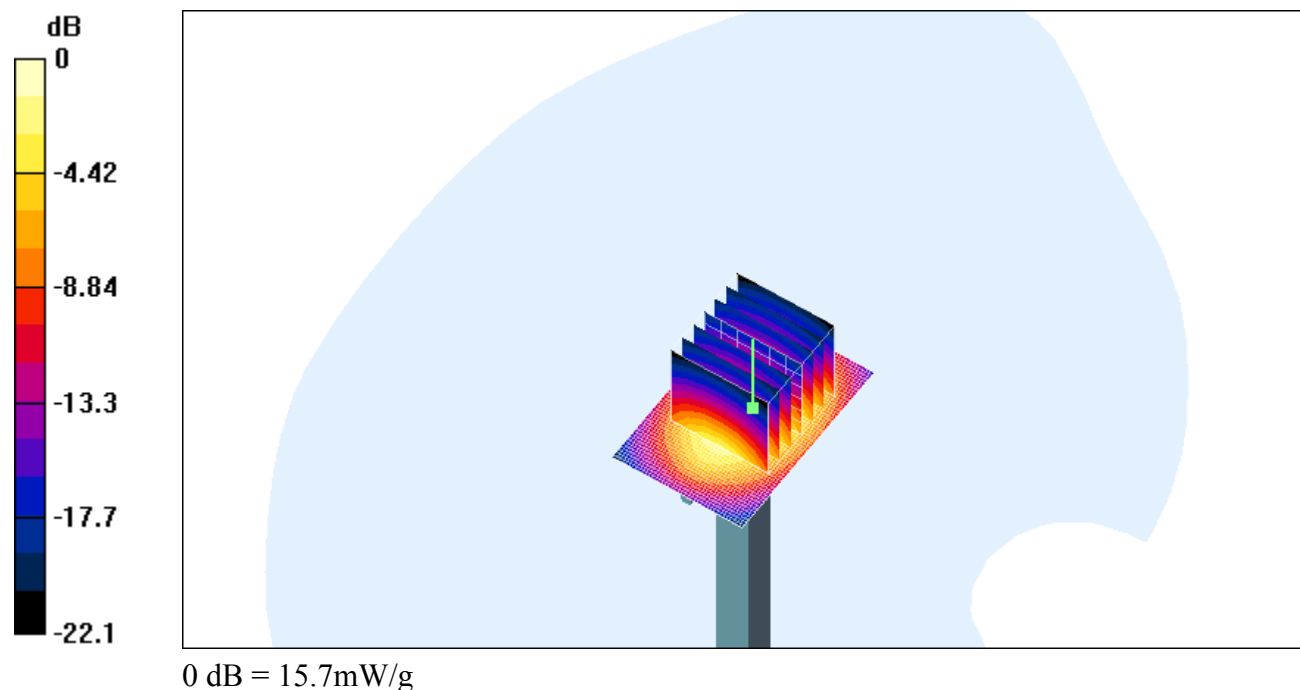
Peak SAR (extrapolated) = 27.5 W/kg

SAR(1 g) = 14 mW/g; SAR(10 g) = 6.46 mW/g

Reference Value = 100.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 15.7 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.2450 \(m\)_250mW_10.12.2003.da4](#)

Dipol Valid.2450 (m)_250mW_10.12.2003

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 722

Program: Dipol Valid 2450

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.98647$ mho/m, $\epsilon_r = 52.625$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.4, 4.4, 4.4); 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

Dipol 2450 250mW/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 97.7 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 15.6 mW/g

Dipol 2450 250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

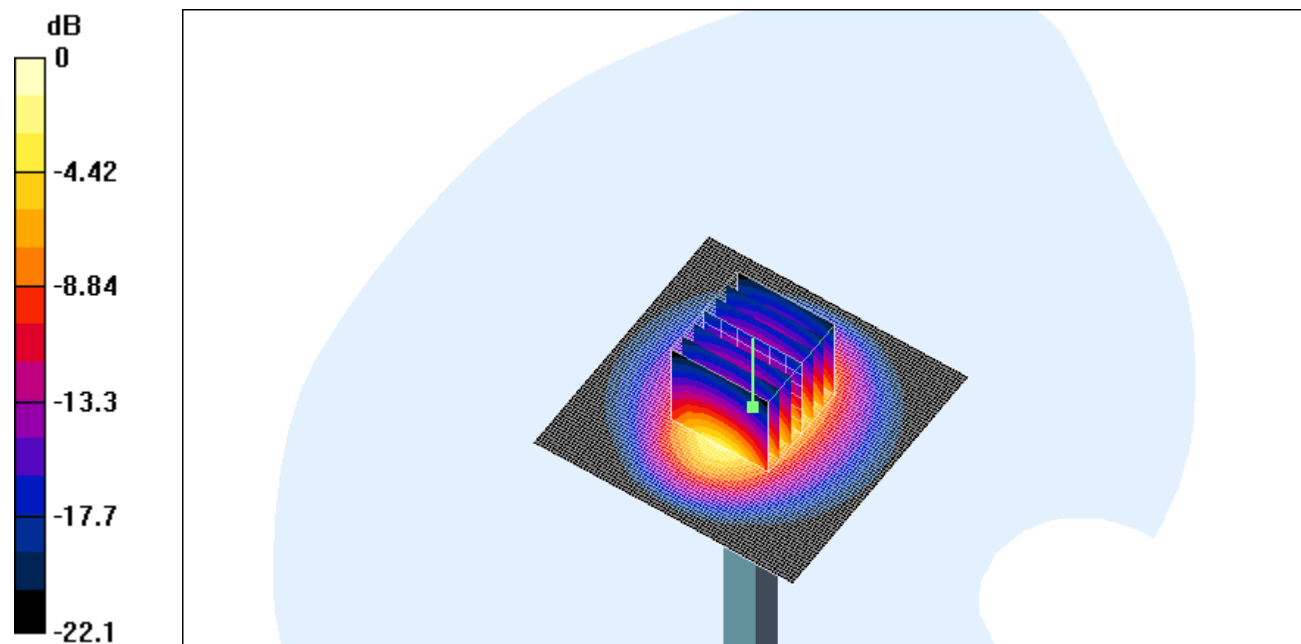
Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.12 mW/g

Reference Value = 97.7 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 15.3 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.2450 \(m\)_250mW_11.12.2003.da4](#)

Dipol Valid.2450 (m)_250mW_11.12.2003

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 722

Program: Dipol Valid 2450

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.98647$ mho/m, $\epsilon_r = 52.625$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.4, 4.4, 4.4); 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

Dipol 2450 (250mW)/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 97.3 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 15.7 mW/g

Dipol 2450 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

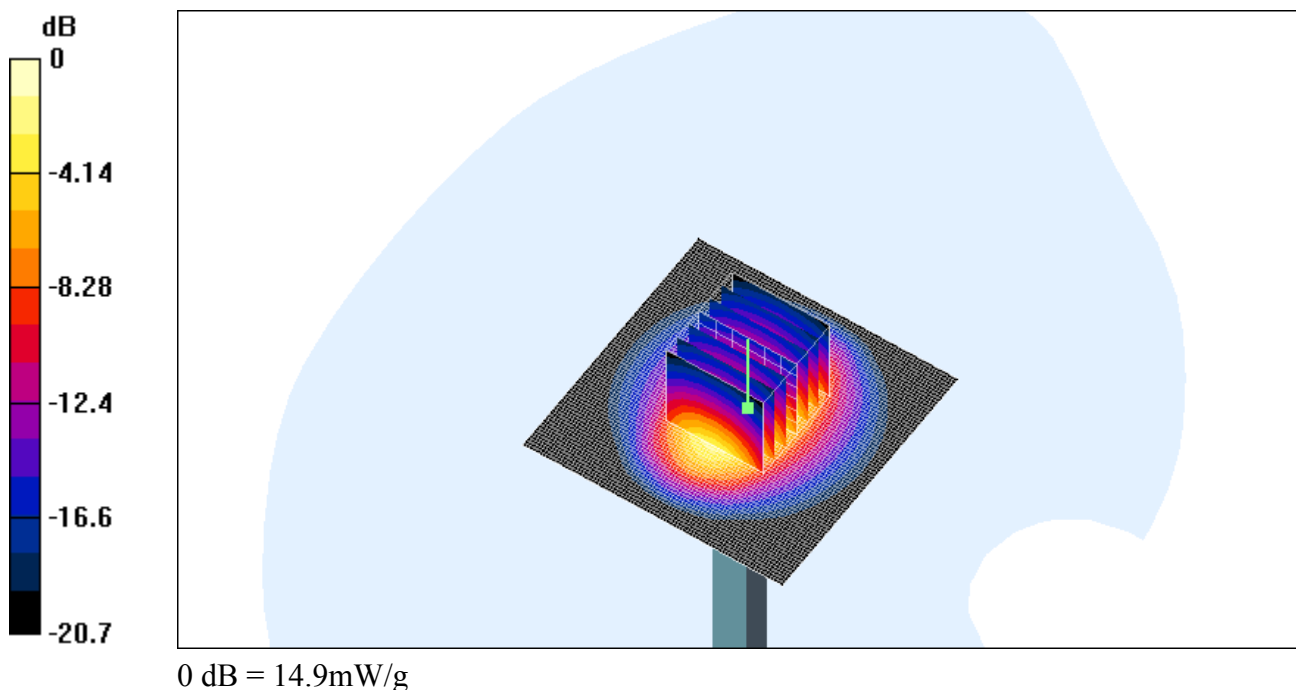
Peak SAR (extrapolated) = 25.4 W/kg

SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.16 mW/g

Reference Value = 97.3 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 14.9 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W_LAN_right_ch6_cheek.da4](#)

W_LAN_right_ch6_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: LAN 2450

Communication System: LAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Head 2450 MHz ($\sigma = 1.85 \text{ mho/m}$, $\epsilon_r = 38$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.9, 4.9, 4.9); 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

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

Reference Value = 7.37 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.2 mW/g

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

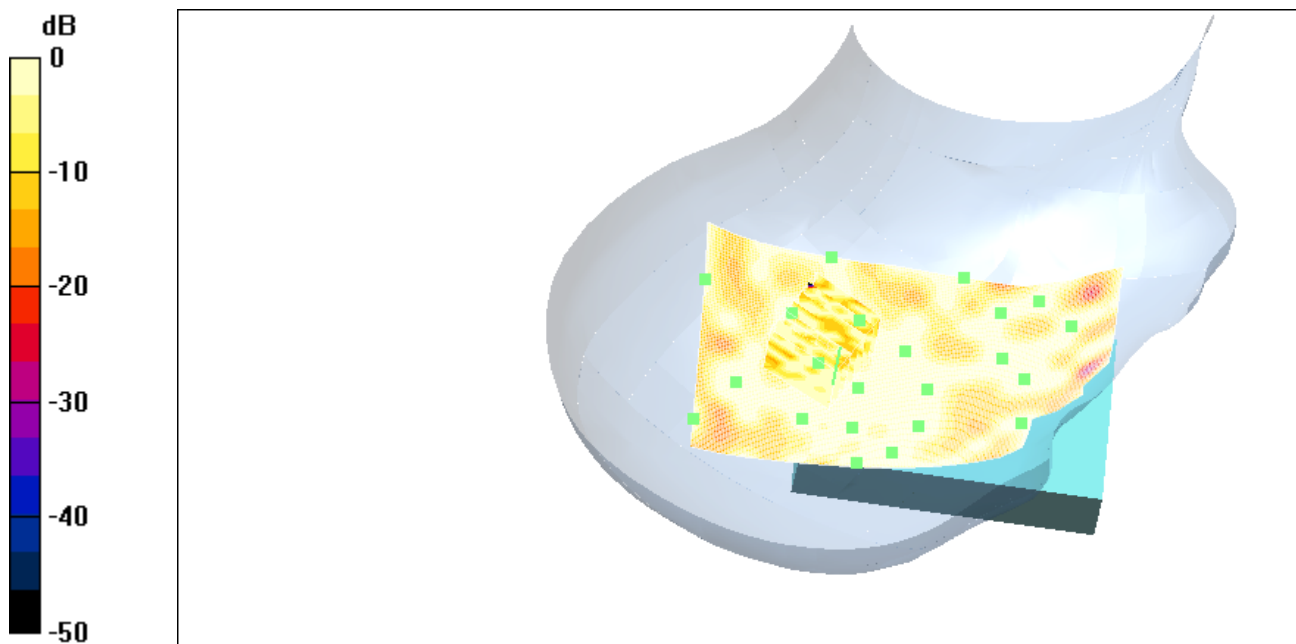
Peak SAR (extrapolated) = 4.5 W/kg

SAR(1 g) = 0.17 mW/g; SAR(10 g) = 0.0911 mW/g

Reference Value = 7.37 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.169 mW/g



0 dB = 0.128mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W_LAN_right_ch6_tilted.da4](#)

W_LAN_right_ch6_tilted

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: LAN 2450

Communication System: LAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Head 2450 MHz ($\sigma = 1.85 \text{ mho/m}$, $\epsilon_r = 38$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.9, 4.9, 4.9); 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

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

Reference Value = 8.37 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.122 mW/g

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

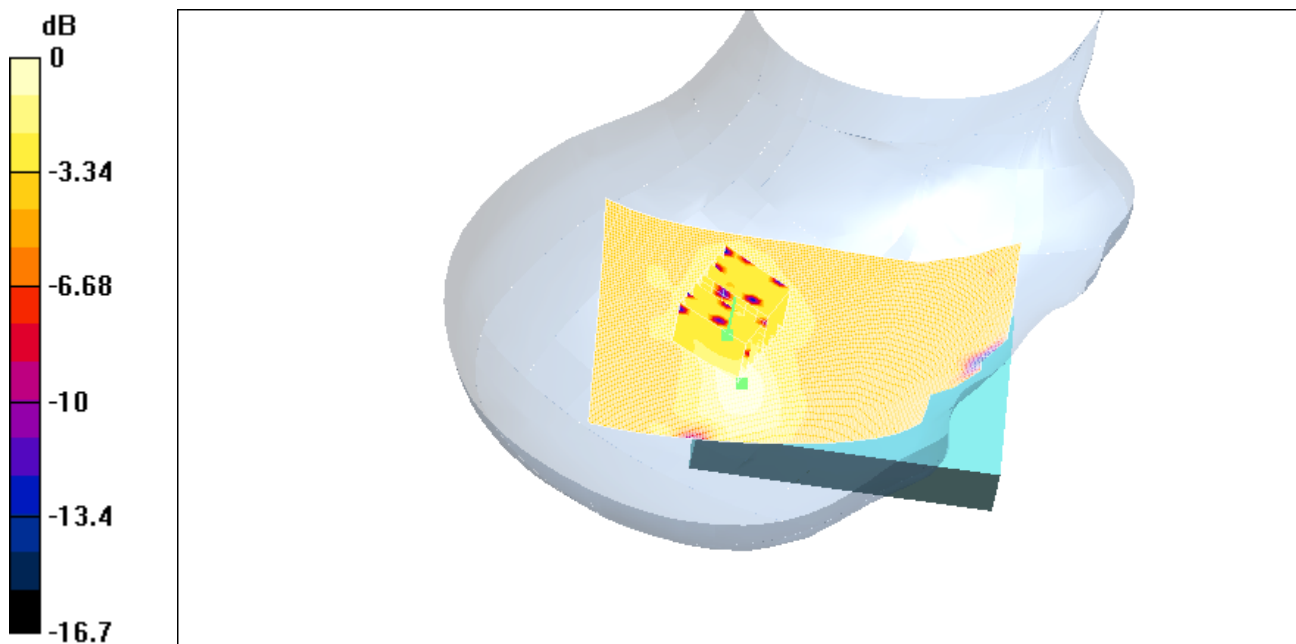
Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.0825 mW/g

Reference Value = 8.37 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.125 mW/g



0 dB = 0.122mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W_LAN_left_ch1_cheek.da4](#)

W_LAN_left_ch1_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: LAN 2450

Communication System: LAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Head 2450 MHz ($\sigma = 1.8 \text{ mho/m}$, $\epsilon_r = 38.2$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.9, 4.9, 4.9); 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

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

Reference Value = 10.2 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.203 mW/g

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

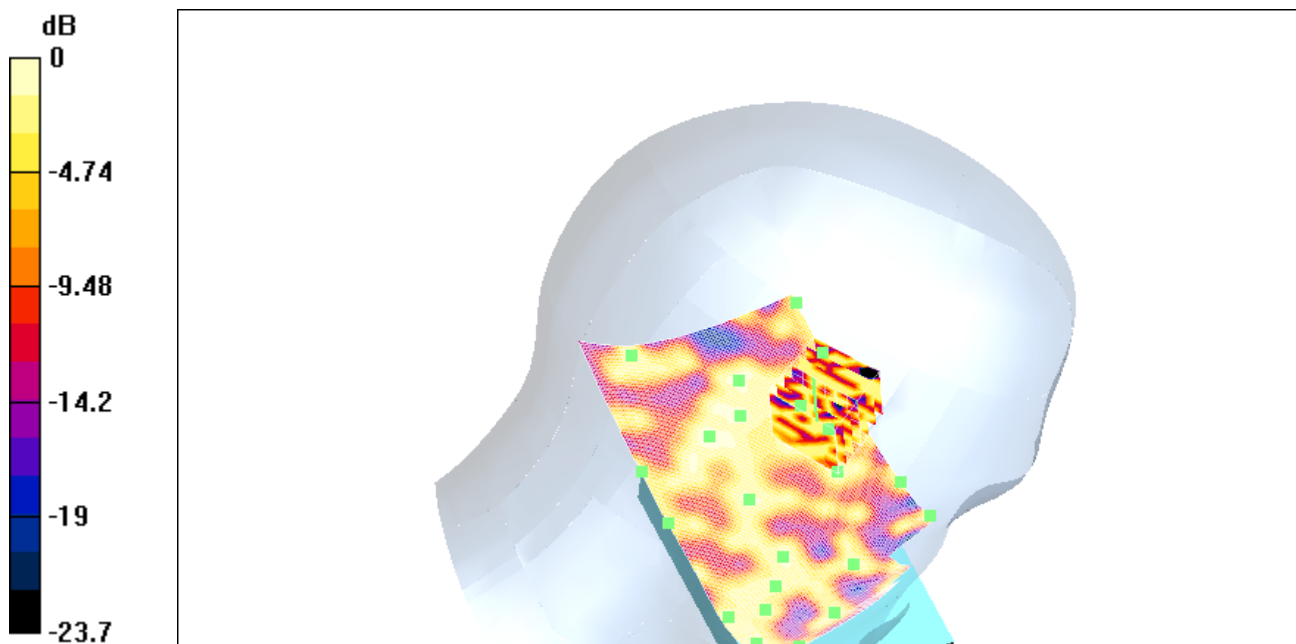
Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.0965 mW/g

Reference Value = 10.2 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.204 mW/g



0 dB = 0.215mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W-LAN_left_ch6_cheek.da4](#)

W-LAN_left_ch6_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: LAN 2450

Communication System: LAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Head 2450 MHz ($\sigma = 1.85 \text{ mho/m}$, $\epsilon_r = 38$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.9, 4.9, 4.9); 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

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

Reference Value = 7.57 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.27 mW/g

HSTN/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

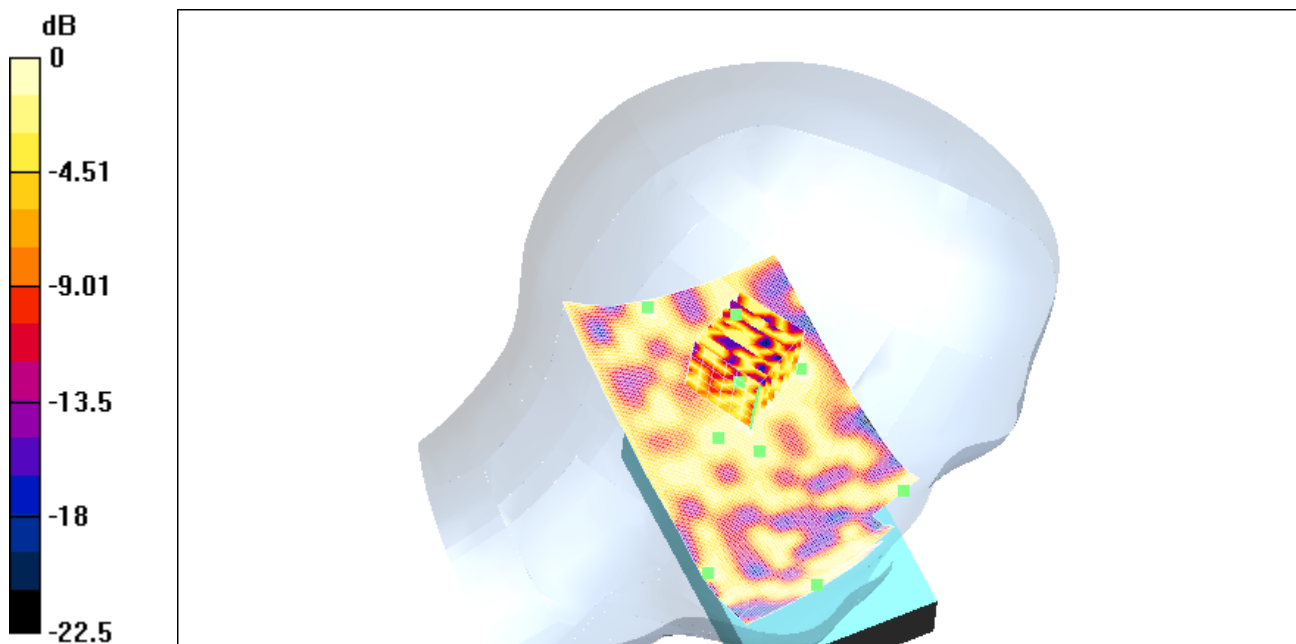
Peak SAR (extrapolated) = 3544.1 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.247 mW/g

Reference Value = 7.57 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.228 mW/g



0 dB = 0.228mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W-LAN_left_ch6_tilted.da4](#)

W_LAN_left_ch6_tilted

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: LAN 2450

Communication System: LAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Head 2450 MHz ($\sigma = 1.85 \text{ mho/m}$, $\epsilon_r = 38$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.9, 4.9, 4.9); 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

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

Reference Value = 8.66 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.176 mW/g

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

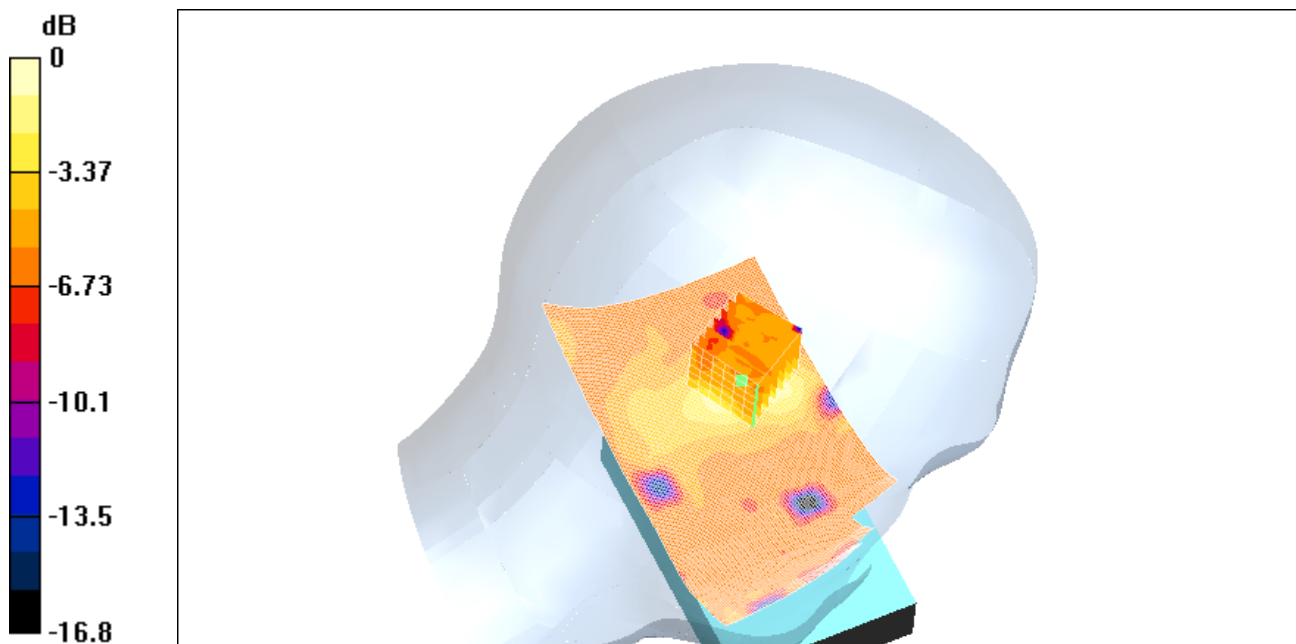
Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.101 mW/g

Reference Value = 8.66 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.188 mW/g



0 dB = 0.188mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W_LAN_left_ch13_cheek.da4](#)

W_LAN_left_ch13_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: LAN 2450

Communication System: LAN 2450; Frequency: 2472 MHz; Duty Cycle: 1:1

Medium: Head 2450 MHz ($\sigma = 1.92$ mho/m, $\epsilon_r = 37.7$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.9, 4.9, 4.9); 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

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

Reference Value = 9.99 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.241 mW/g

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

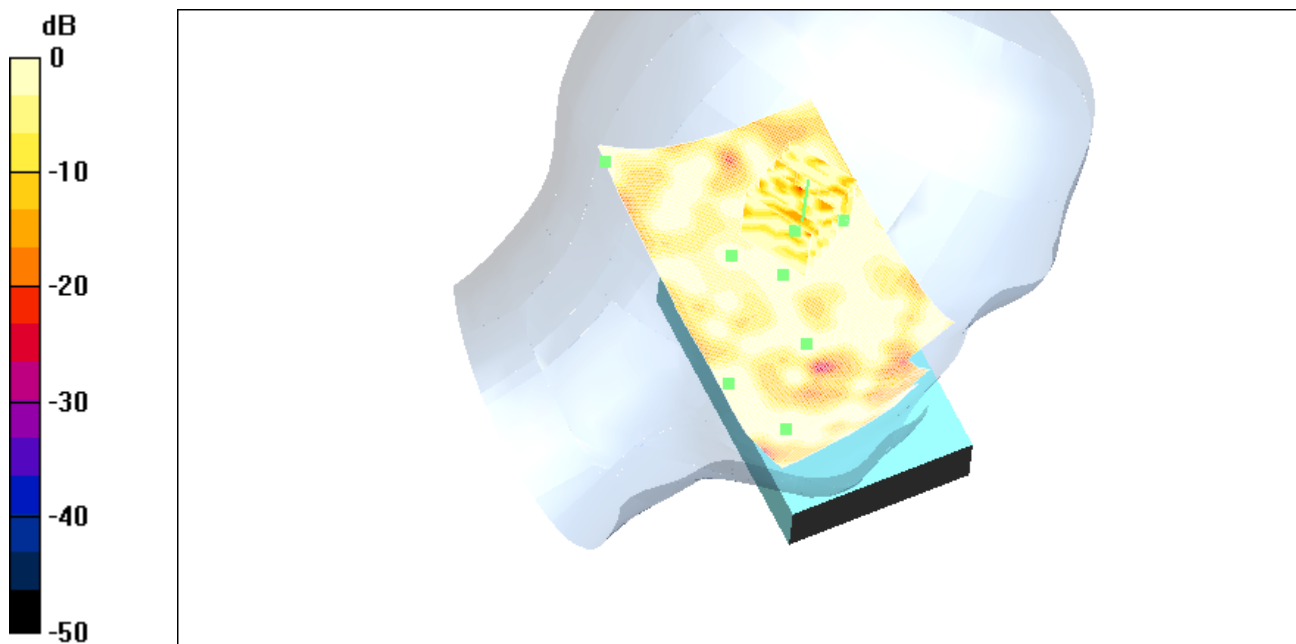
Peak SAR (extrapolated) = 137.1 W/kg

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.141 mW/g

Reference Value = 9.99 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.256 mW/g



0 dB = 0.131mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W-LAN_flat_ch1_front.da4](#)

W-LAN_flat_ch1_front

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: W-LAN 2450Ghz

Communication System: LAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.96601$ mho/m, $\epsilon_r = 52.5662$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.4, 4.4, 4.4); 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 3.9 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.323 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

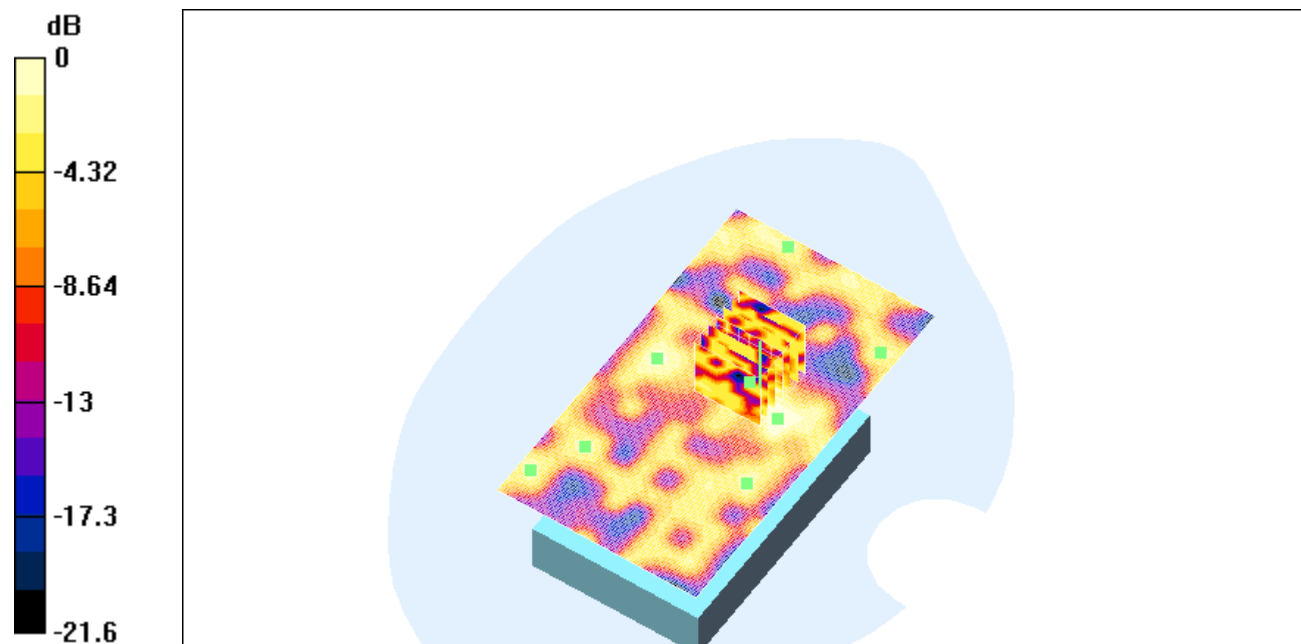
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.154 mW/g

Reference Value = 3.9 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.343 mW/g



0 dB = 0.343mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W-LAN_flat_ch6_front.da4](#)

W-LAN_flat_ch6_front

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: W-LAN 2450Ghz

Communication System: LAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.98647$ mho/m, $\epsilon_r = 52.625$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.4, 4.4, 4.4); 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 2.77 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.367 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

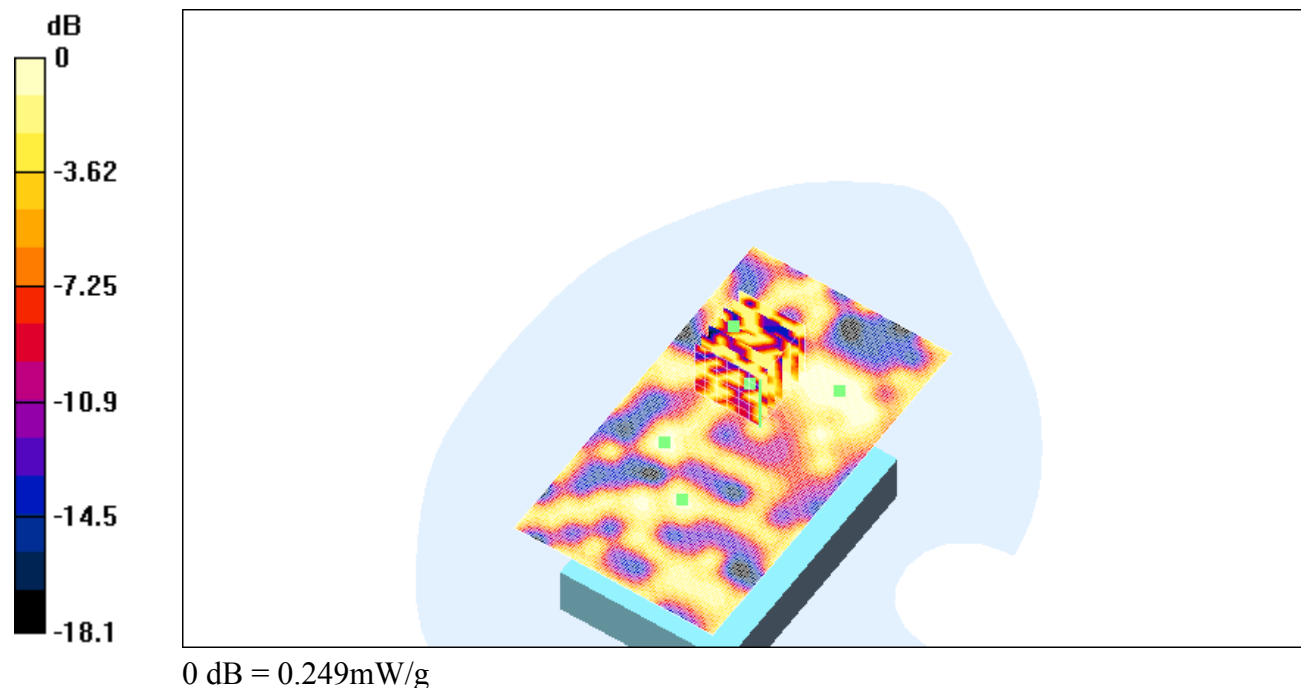
Peak SAR (extrapolated) = 6.8 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.144 mW/g

Reference Value = 2.77 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.249 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W-LAN_flat_ch13_front.da4](#)

W-LAN_flat_ch13_front

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: W-LAN 2450Ghz

Communication System: LAN 2450; Frequency: 2472 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 2.02398$ mho/m, $\epsilon_r = 52.2852$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.4, 4.4, 4.4); 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 2.54 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.322 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

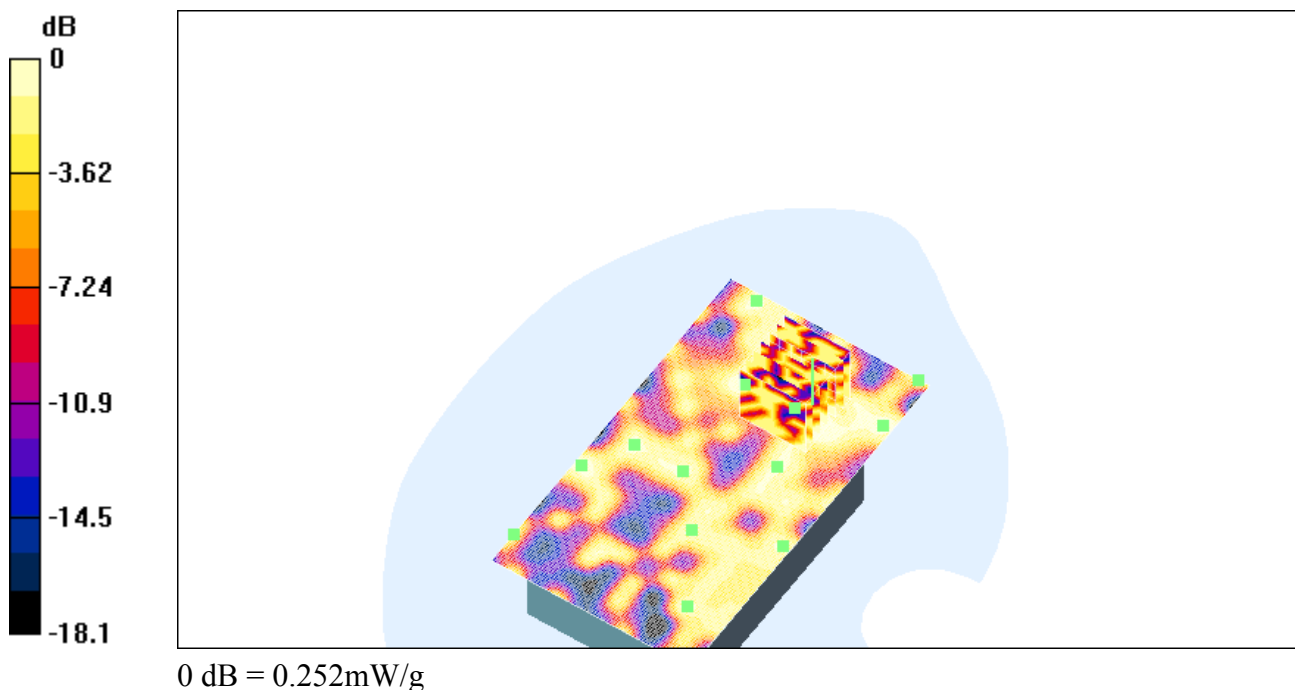
Peak SAR (extrapolated) = 637.9 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.182 mW/g

Reference Value = 2.54 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.382 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W-LAN_flat_ch6_back.da4](#)

W-LAN_flat_ch6_back

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: W-LAN 2450Ghz

Communication System: LAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.98647$ mho/m, $\epsilon_r = 52.625$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.4, 4.4, 4.4); 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.51 V/m

Power Drift = -0.01dB

Maximum value of SAR = 0.257 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

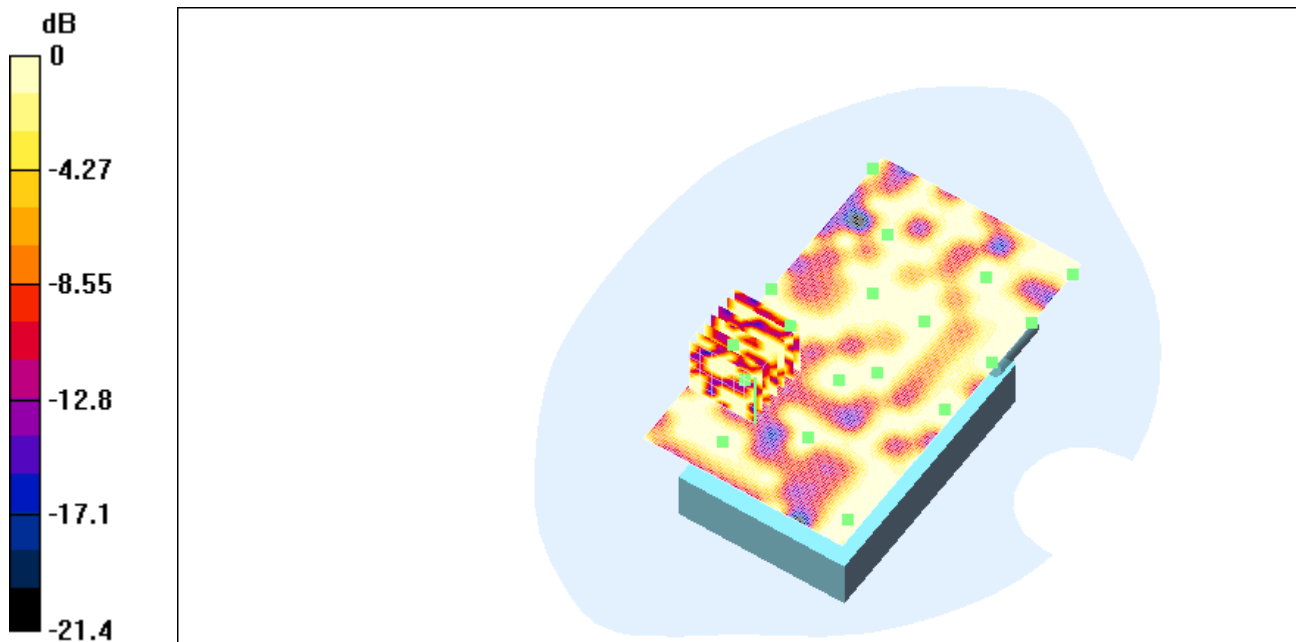
Peak SAR (extrapolated) = 3.1 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.0823 mW/g

Reference Value = 6.51 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.166 mW/g



0 dB = 0.166mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W-LAN_flat_ch6_front_case-2.da4](#)

W-LAN_flat_ch6_front_case-2

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: W-LAN 2450Ghz

Communication System: LAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.98647$ mho/m, $\epsilon_r = 52.625$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.4, 4.4, 4.4); 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.99 V/m

Power Drift = -0.08dB

Maximum value of SAR = 0.182 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

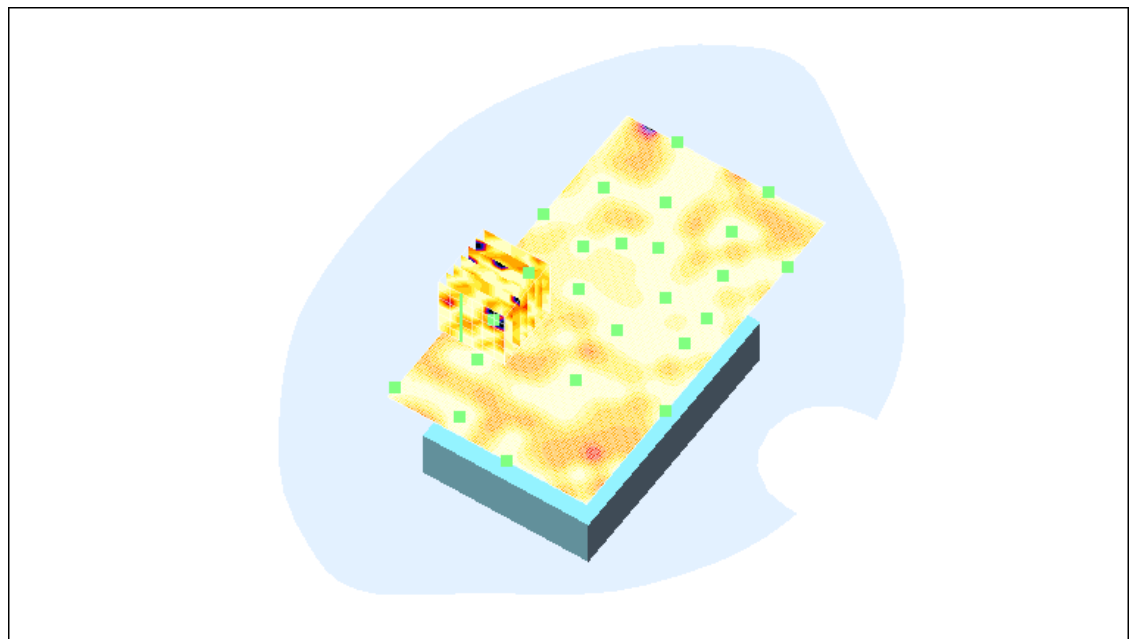
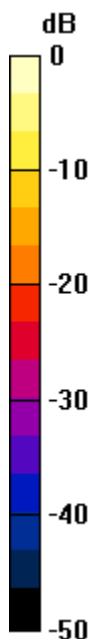
Peak SAR (extrapolated) = 2.5 W/kg

SAR(1 g) = 0.0848 mW/g; SAR(10 g) = 0.0535 mW/g

Reference Value = 1.99 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.131 mW/g



0 dB = 0.129mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [W-LAN_flat_ch13_front.da4](#)

Z-axis scan

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: W-LAN 2450Ghz

Communication System: LAN 2450; Frequency: 2472 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 2.02398$ mho/m, $\epsilon_r = 52.2852$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.4, 4.4, 4.4); 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

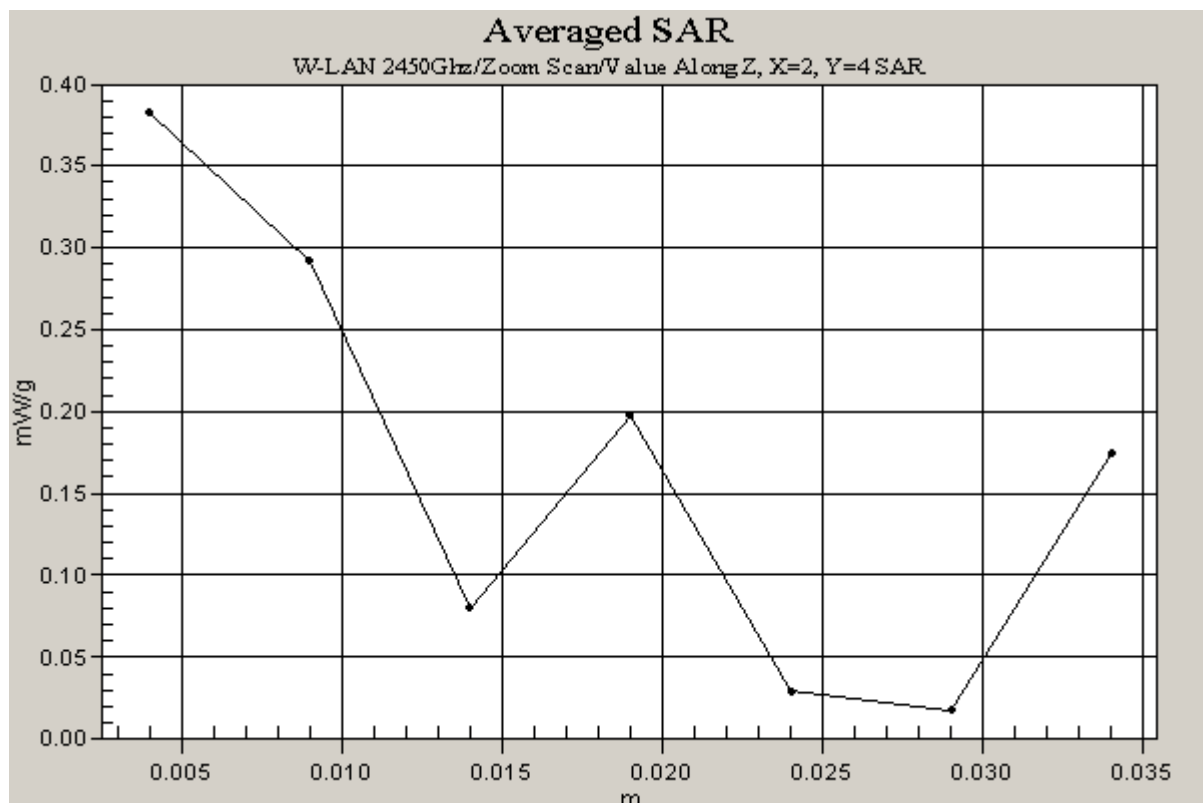
Peak SAR (extrapolated) = 637.9 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.184 mW/g

Reference Value = 2.54 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.382 mW/g



Appendix C

Pictures

Appendix

A. Pictures





















