

Appendix B – SAR Measurement Data

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 18:10:16

Right Cheek BenQ C260 PCS Ch25

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.40297$ mho/m, $\epsilon_r = 39.7664$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Right Cheek/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 10.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.57 mW/g

Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

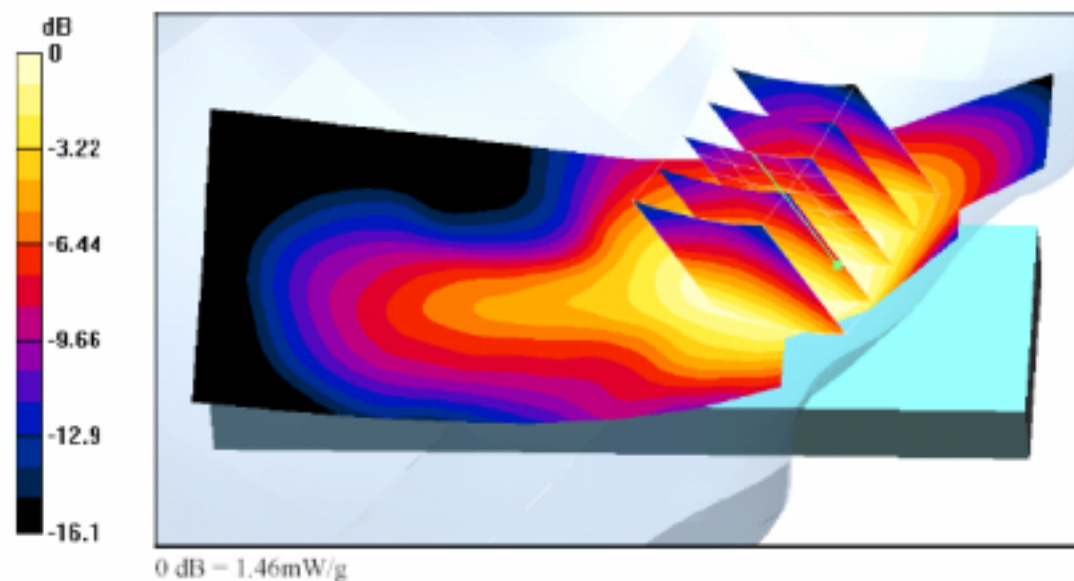
Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.911 mW/g

Reference Value = 10.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.46 mW/g



SAR Test Result for Right Cheek Position – Channel 25

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 17:40:42

Right Cheek BenQ C260 PCS Ch600

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.43434$ mho/m, $\epsilon_r = 39.6206$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Right Cheek/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.1 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 1.56 mW/g

Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

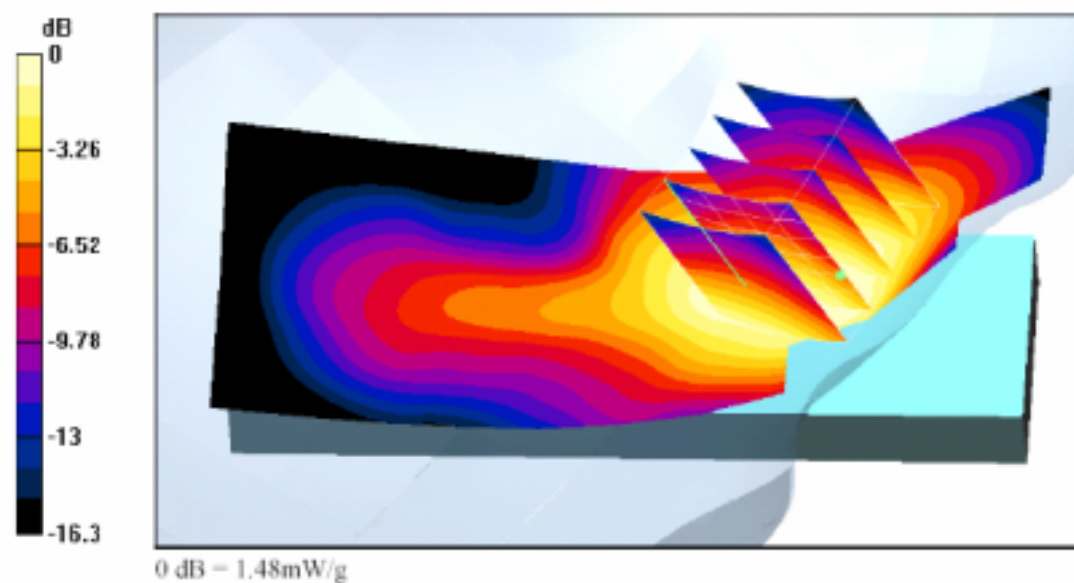
Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.915 mW/g

Reference Value = 11.1 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 1.48 mW/g



SAR Test Result for Right Cheek Position – Channel 600

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 18:33:03

Right Cheek BenQ C260 PCS Ch1175

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.46214$ mho/m, $\epsilon_r = 39.4806$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Right Cheek/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.42 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 1.29 mW/g

Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

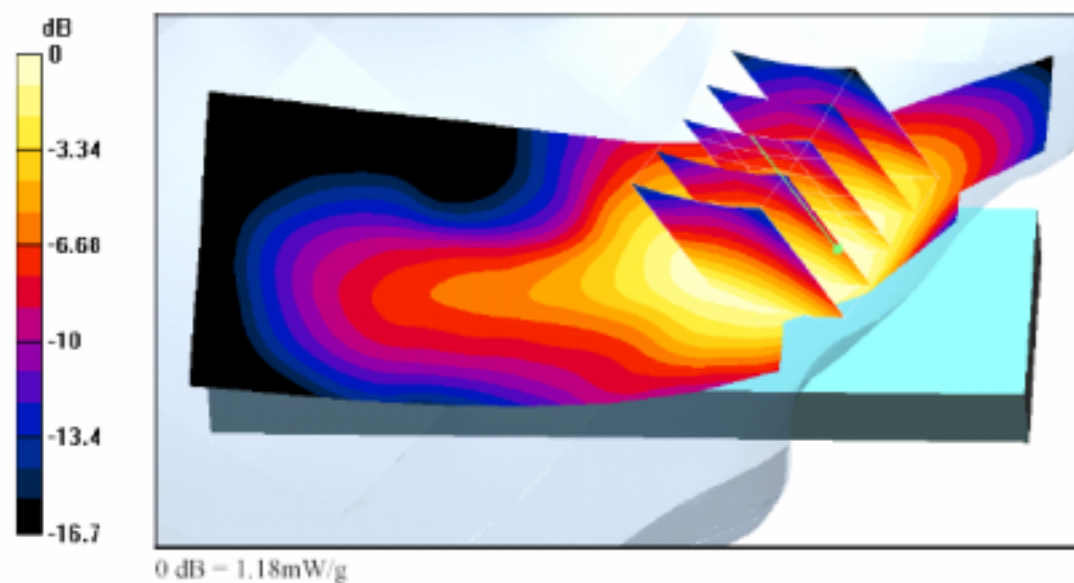
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.737 mW/g

Reference Value = 9.42 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 1.18 mW/g



SAR Test Result for Right Cheek Position – Channel 1175

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 19:01:30

Right Tilted BenQ C260 PCS Ch25

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.40297$ mho/m, $\epsilon_r = 39.7664$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Right Tilted/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.2 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.381 mW/g

Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

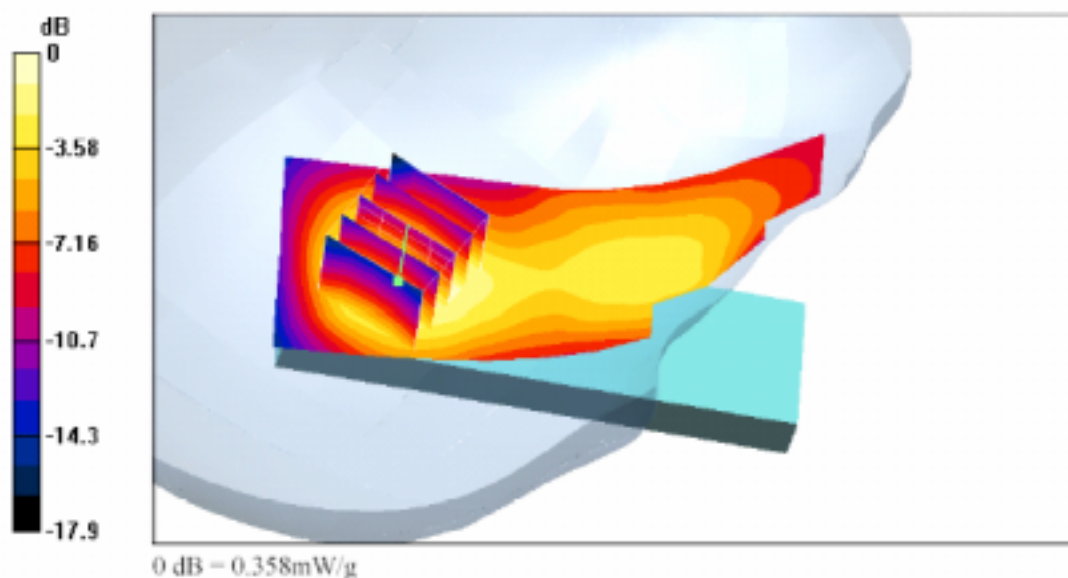
Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.209 mW/g

Reference Value = 15.2 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.358 mW/g



SAR Test Result for Right Tilted Position – Channel 25

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 19:22:04

Right Tilted BenQ C260 PCS Ch600

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.43434 \text{ mho/m}$, $\epsilon_r = 39.6206$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Right Tilted/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.365 mW/g

Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

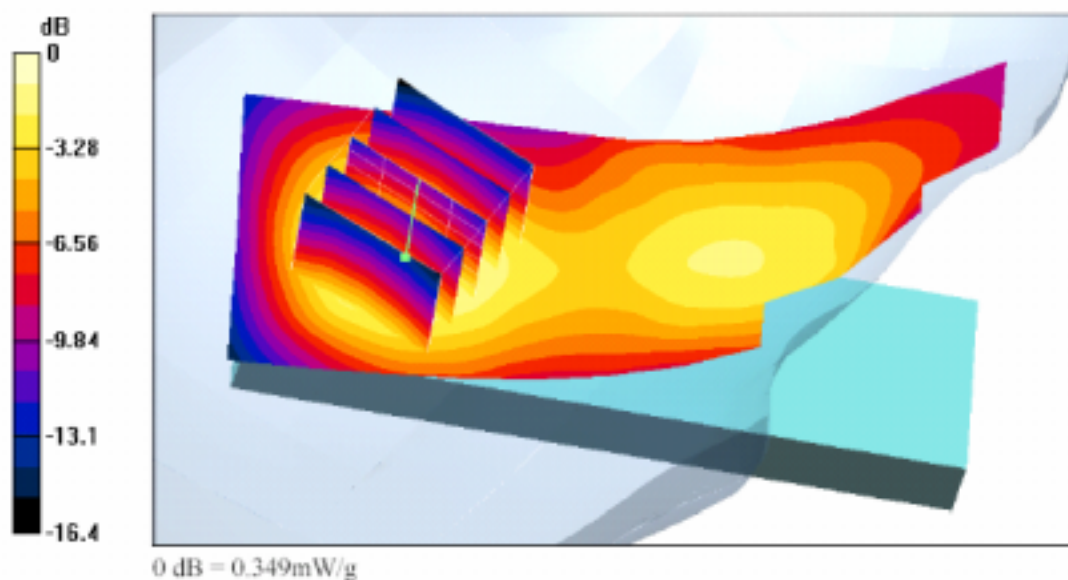
Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.33 mW/g; SAR(10 g) = 0.204 mW/g

Reference Value = 15.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.349 mW/g



SAR Test Result for Right Tilted Position – Channel 600

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 19:44:33

Right Tilted BenQ C260 PCS Ch1175

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.46214$ mho/m, $\epsilon_r = 39.4806$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Right Tilted/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.6 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.259 mW/g

Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

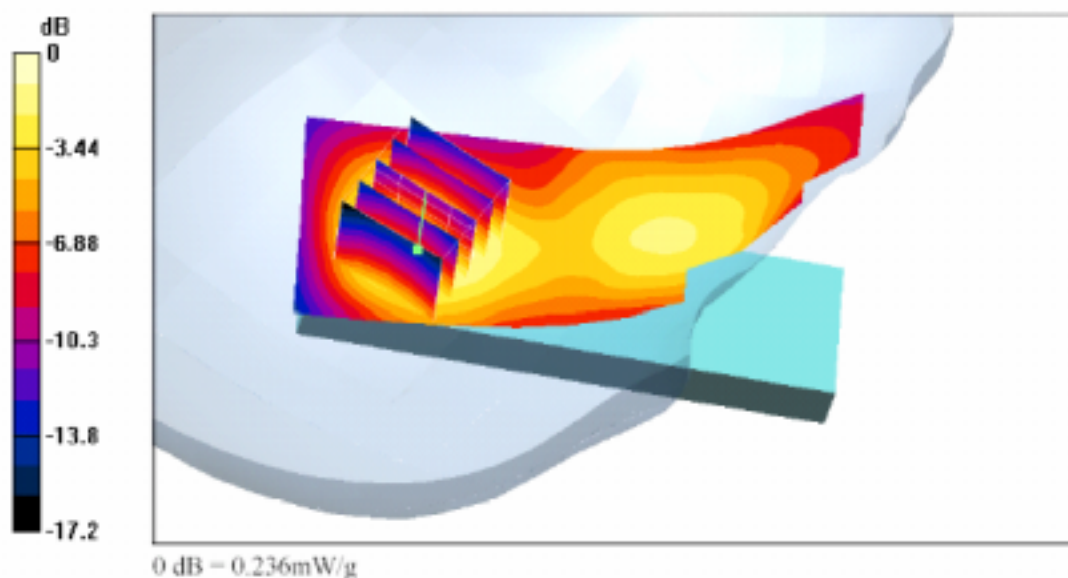
Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.139 mW/g

Reference Value = 12.6 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.236 mW/g



SAR Test Result for Right Tilted Position – Channel 1175

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 16:09:30

Left Cheek BenQ C260 PCS Ch25

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.40297$ mho/m, $\epsilon_r = 39.7664$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Left Cheek/Area Scan (41x101x1); Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.4 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.79 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0; Measurement grid: dx=8mm, dy=8mm, dz=5mm

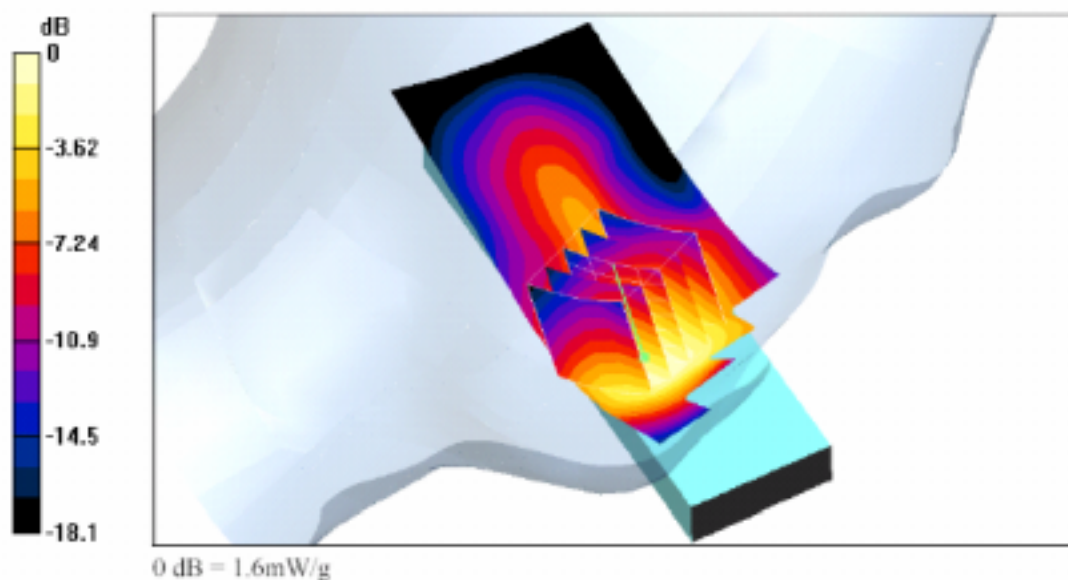
Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.48 mW/g; SAR(10 g) = 0.949 mW/g

Reference Value = 11.4 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.6 mW/g



SAR Test Result for Left Cheek Position – Channel 25

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 15:40:50

Left Cheek BenQ C260 PCS Ch600-1

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.43434$ mho/m, $\epsilon_r = 39.6206$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Left Cheek/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 10.8 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 1.73 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

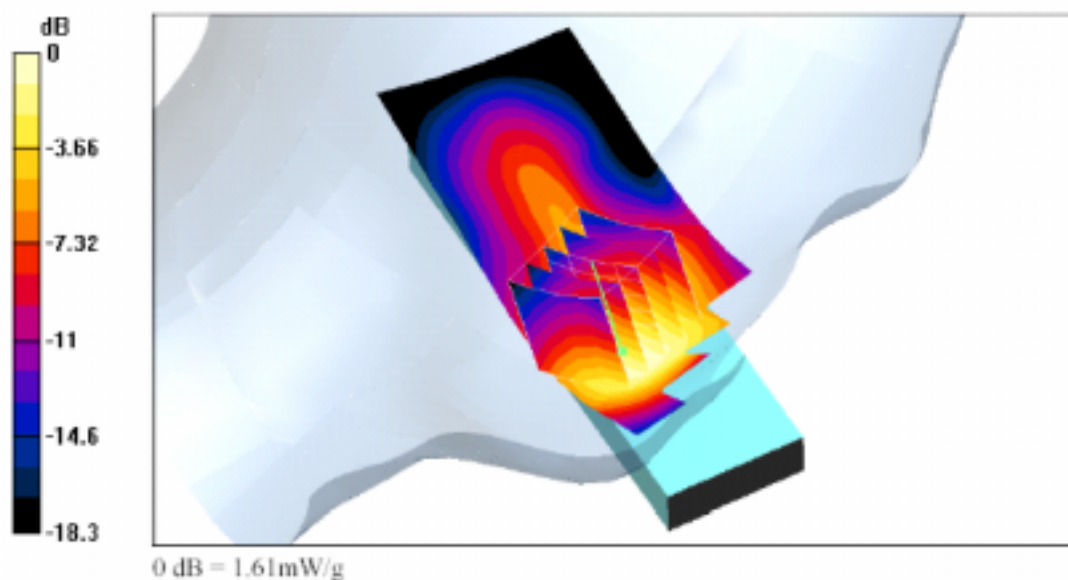
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.953 mW/g

Reference Value = 10.8 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 1.61 mW/g



SAR Test Result for Left Cheek Position – Channel 600

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 17:08:51

Left Cheek BenQ C260 PCS Ch1175

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.46214$ mho/m, $\epsilon_r = 39.4806$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Left Cheek/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.5 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

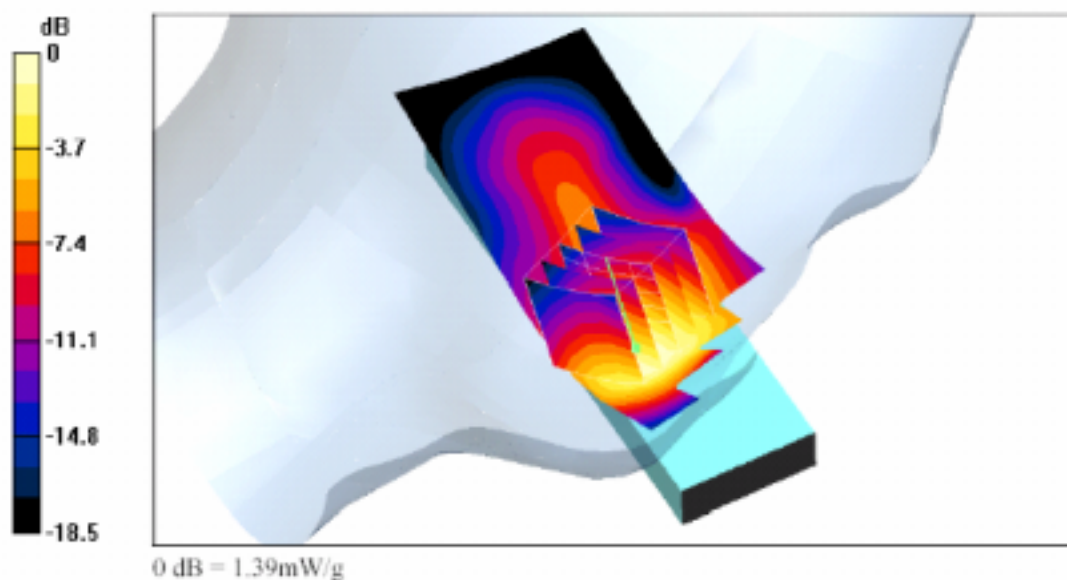
Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.796 mW/g

Reference Value = 9.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.39 mW/g



SAR Test Result for Left Cheek Position – Channel 1175

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 20:09:12

Left Tilted BenQ C260 PCS Ch25

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.40297$ mho/m, $\epsilon_r = 39.7664$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Left Tilted/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 14.2 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.378 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

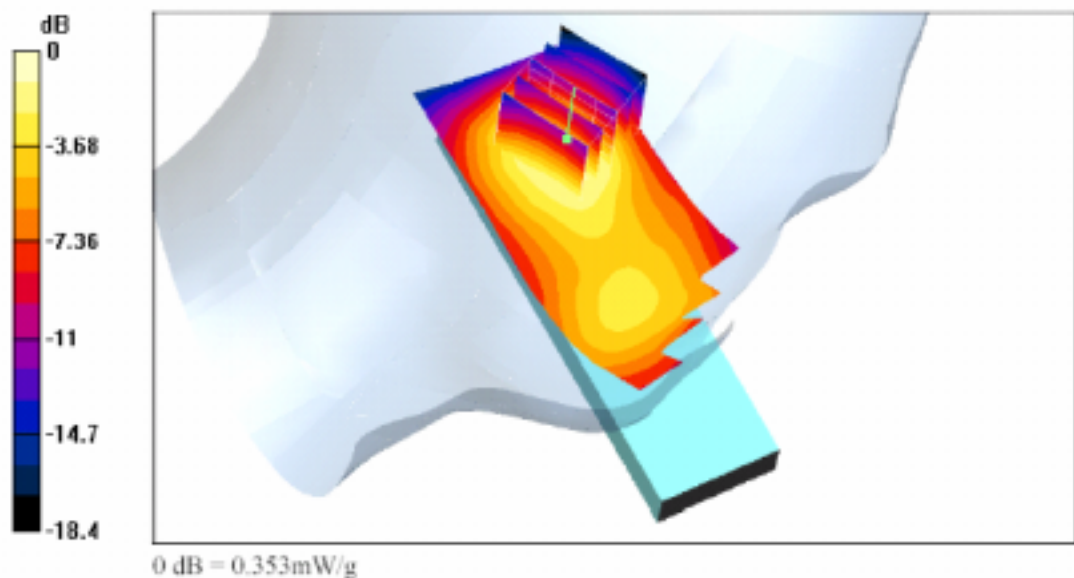
Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.198 mW/g

Reference Value = 14.2 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.353 mW/g



SAR Test Result for Left Tilted Position – Channel 25

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 20:32:41

Left Tilted BenQ C260 PCS Ch600

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.43434 \text{ mho/m}$, $\epsilon_r = 39.6206$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Left Tilted/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 14.6 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.425 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

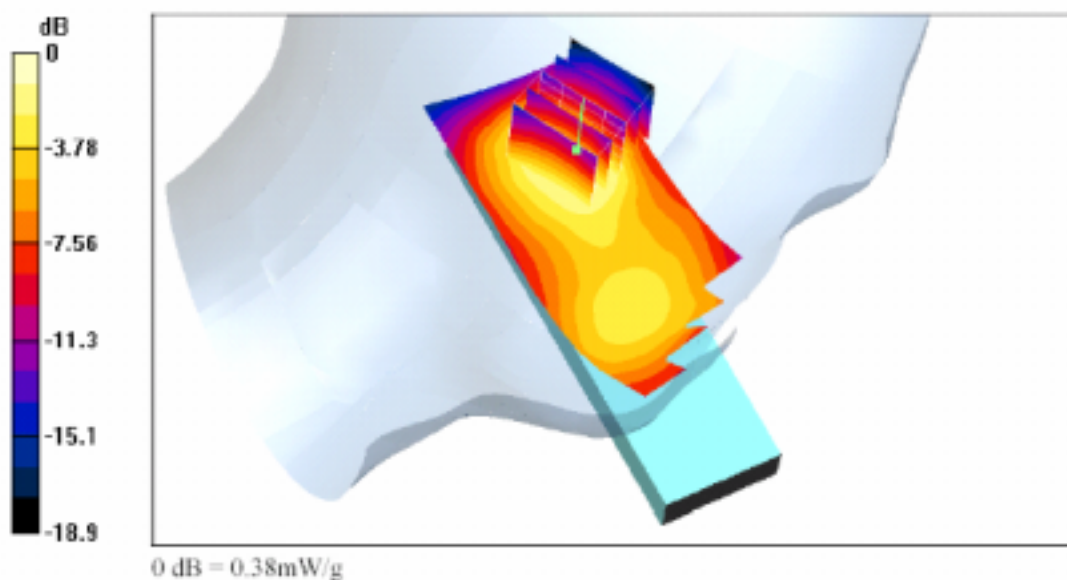
Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.35 mW/g; SAR(10 g) = 0.211 mW/g

Reference Value = 14.6 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.38 mW/g



SAR Test Result for Left Tilted Position – Channel 600

Test Laboratory: AUDEN TECHNO CORP. RF Testing Lab

Date/Time: 06/02/03 20:53:10

Left Tilted BenQ C260 PCS Ch1175

DUT: BenQ C260; Type: Single-Mode Cellular Phone (PCS CDMA); Serial: 71380001
Program: SAR-00679

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: Head 1800MHz ($\sigma = 1.46214$ mho/m, $\epsilon_r = 39.4806$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1720; ConvF(5.2, 5.2, 5.2); Calibrated: 5/15/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 12/18/2002
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Left Tilted/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.6 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.277 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

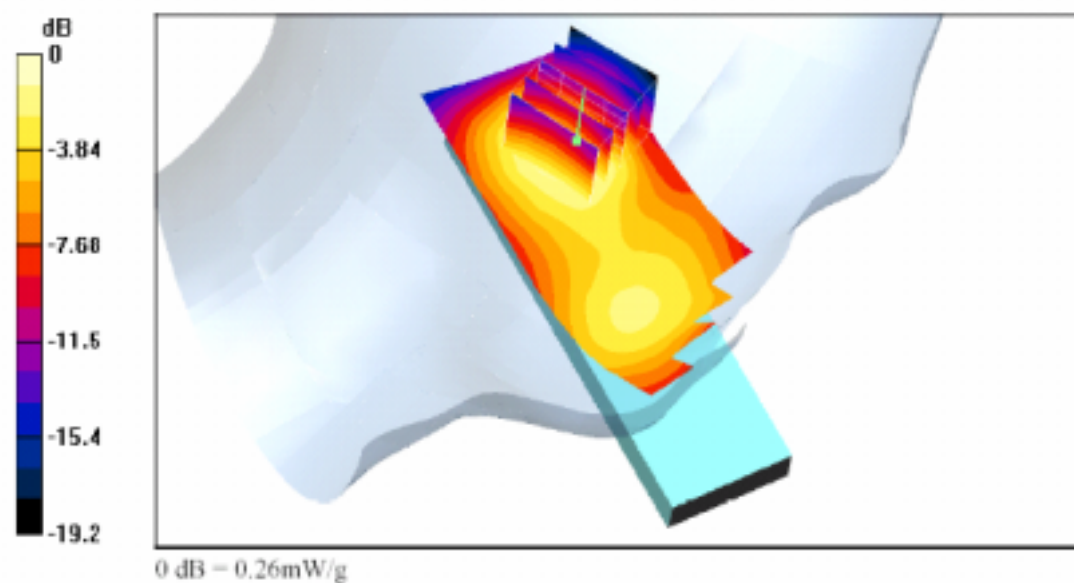
Peak SAR (extrapolated) = 0.36 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.144 mW/g

Reference Value = 12.6 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.26 mW/g



SAR Test Result for Left Tilted Position – Channel 1175