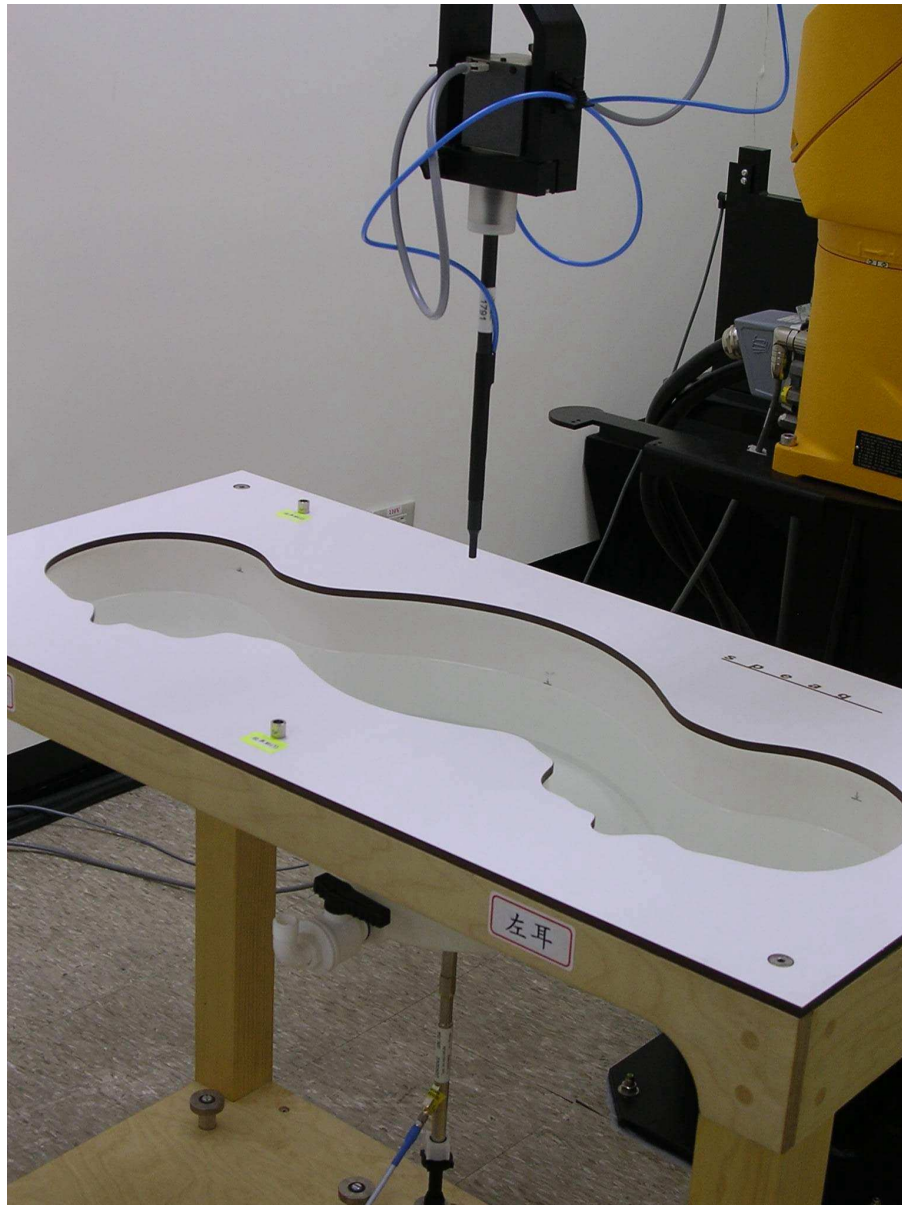


ANNEX B: SAR RESULTS

System Performance Check

Head



Date/Time: 7/5/2006 9:21:04 AM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:xxx

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Air temperature: 21.9 degC; Liquid temperature: 22.2 ~ 22.4 degC;

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.98, 6.98, 6.98); Calibrated: 3/20/2006

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn679; Calibrated: 3/21/2006

- Phantom: SAM 12-1; Type: SAM4.0; Serial: TP-1346

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

SPC/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.5 mW/g

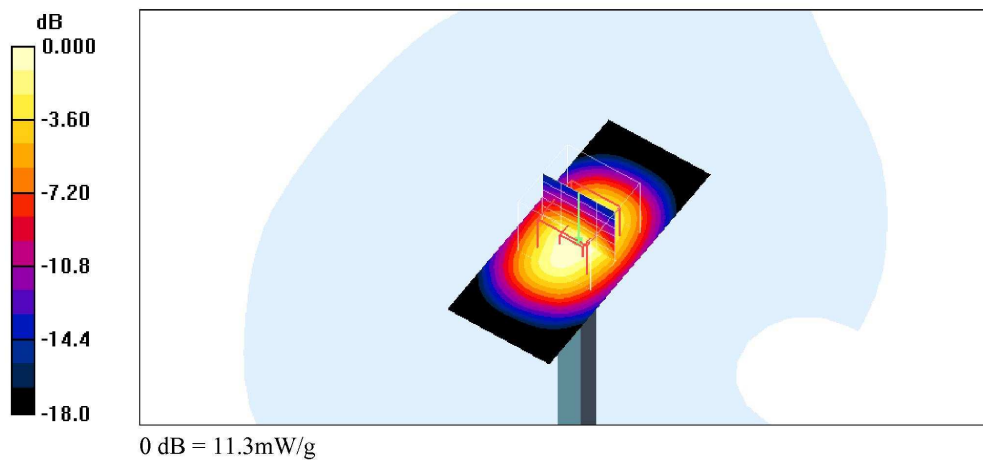
SPC/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

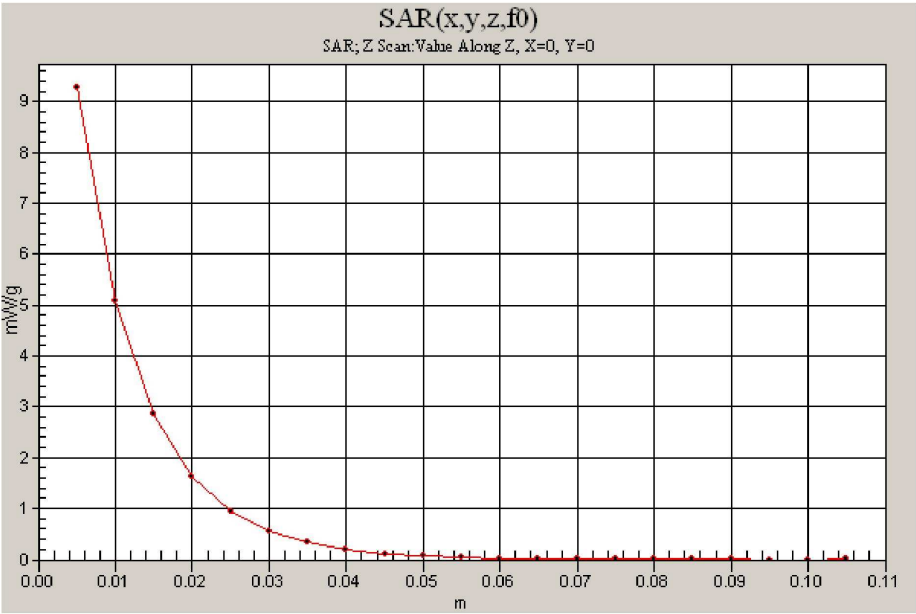
Reference Value = 89.6 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 19.1 W/kg

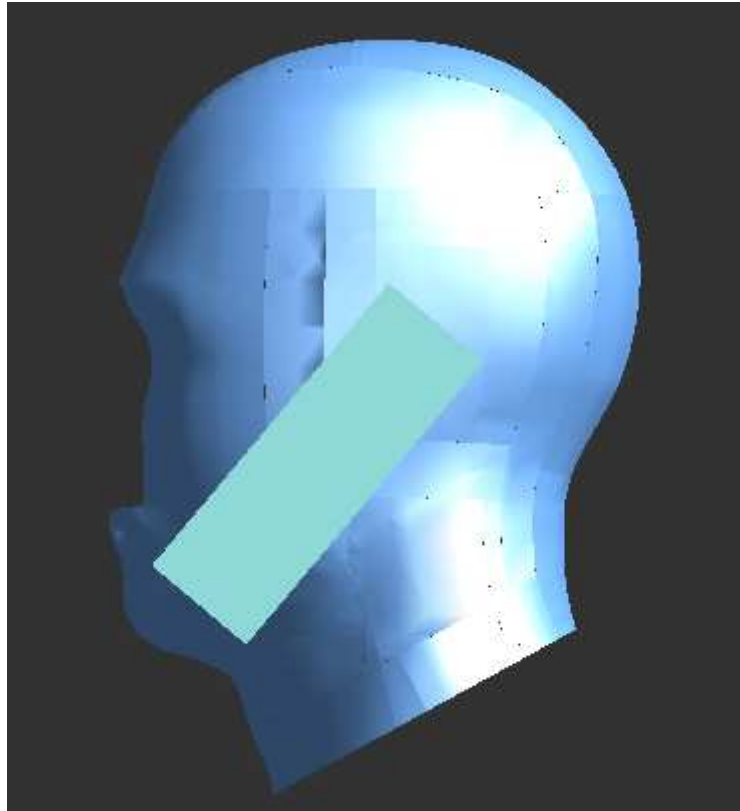
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.19 mW/g

Maximum value of SAR (measured) = 11.3 mW/g





Left Head



Left Cheek

Date/Time: 7/5/2006 1:07:02 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: DECT Phone; Type: PP; Serial: S37

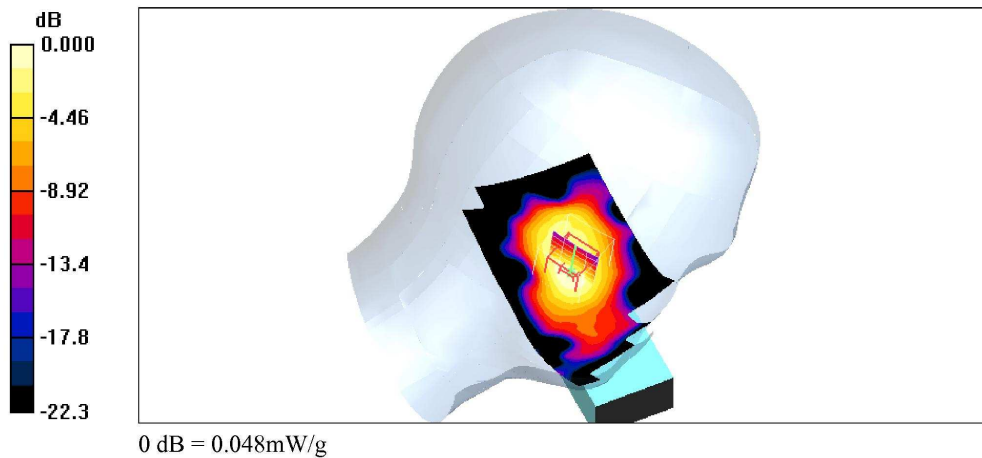
Communication System: US DECT-1900; Frequency: 1925 MHz; Duty Cycle: 1:24
Medium parameters used: $f = 1925$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³
Air temperature: 22.5 degC; Liquid temperature: 21.5 ~ 21.6 degC;
Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.98, 6.98, 6.98); Calibrated: 3/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 3/21/2006
- Phantom: SAM 12-1; Type: SAM4.0; Serial: TP-1346
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LC-MID/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.049 mW/g

LC-MID/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.13 V/m; Power Drift = -0.750 dB
Peak SAR (extrapolated) = 0.070 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.048 mW/g



Left Tilted

Date/Time: 7/5/2006 1:52:03 PM

Test Laboratory: Electronics Testing Center, Taiwan

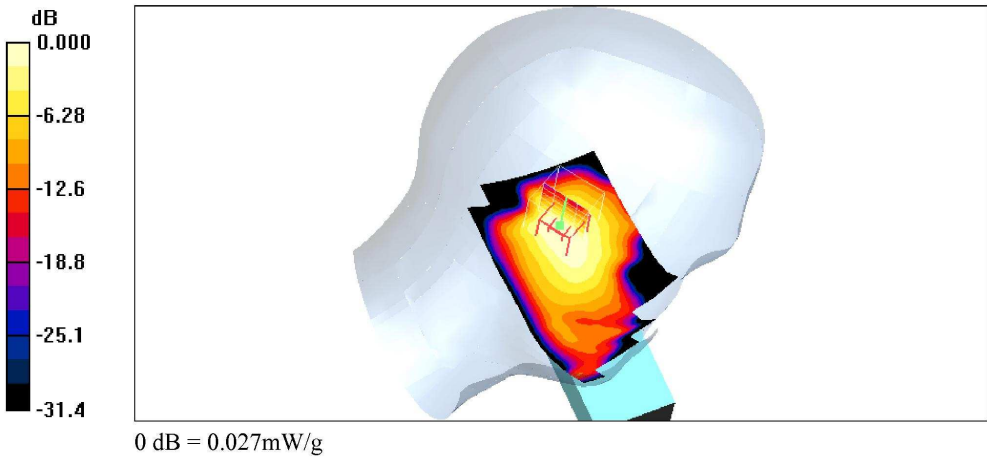
DUT: DECT Phone; Type: PP; Serial: S37

Communication System: US DECT-1900; Frequency: 1925 MHz;Duty Cycle: 1:24
Medium parameters used: $f = 1925 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$
Air temperature: 22.5 degC; Liquid temperature: 21.3 ~ 21.6 degC;
Phantom section: Left Section

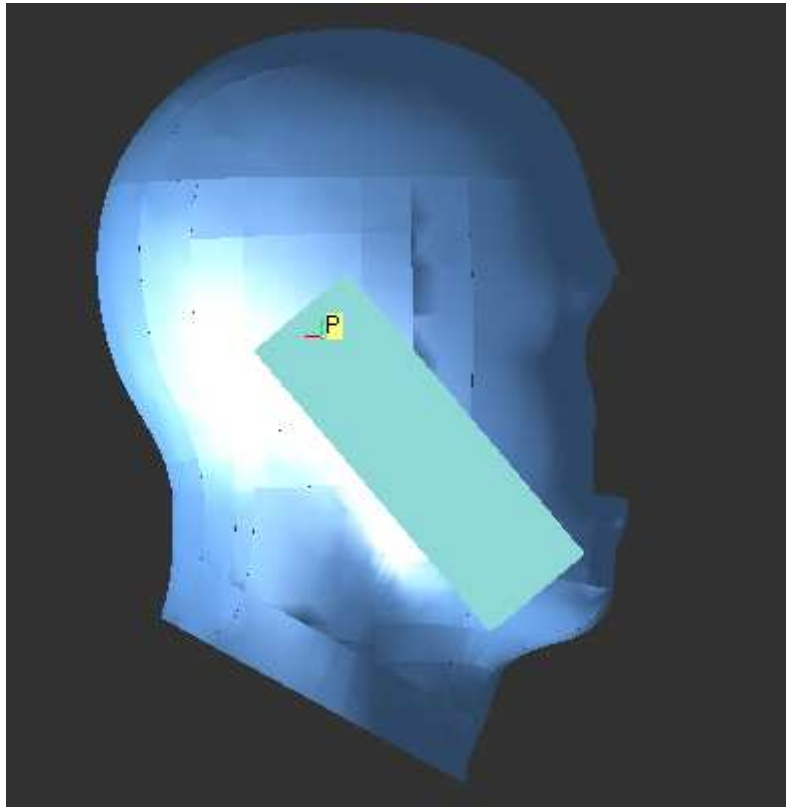
DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.98, 6.98, 6.98); Calibrated: 3/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 3/21/2006
- Phantom: SAM 12-1; Type: SAM4.0; Serial: TP-1346
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LT-MID/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 4.32 V/m; Power Drift = -0.201 dB
Peak SAR (extrapolated) = 0.039 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.027 mW/g

LT-MID/Area Scan (61x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.029 mW/g



Right Head



Right Cheek

Date/Time: 7/5/2006 2:15:58 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: DECT Phone; Type: PP; Serial: S37

Communication System: US DECT-1900; Frequency: 1925 MHz; Duty Cycle: 1:24
Medium parameters used: $f = 1925$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³
Air temperature: 22.5 degC; Liquid temperature: 21.4 degC;
Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.98, 6.98, 6.98); Calibrated: 3/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 3/21/2006
- Phantom: SAM 12-1; Type: SAM4.0; Serial: TP-1346
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RC-MID/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.61 V/m; Power Drift = 0.299 dB

Peak SAR (extrapolated) = 0.064 W/kg

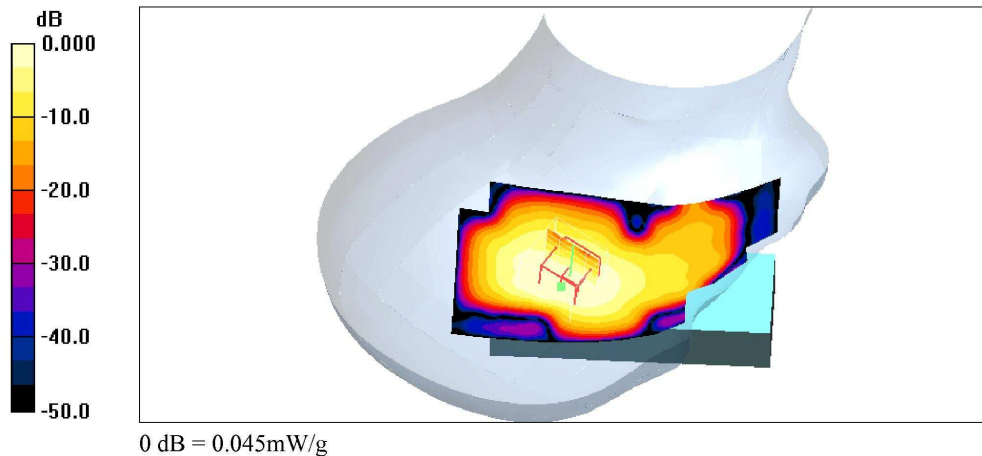
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.023 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.

Maximum value of SAR (measured) = 0.045 mW/g

RC-MID/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.053 mW/g



Right Tilted

Date/Time: 7/5/2006 2:27:37 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: DECT Phone; Type: PP; Serial: S37

Communication System: US DECT-1900; Frequency: 1925 MHz;Duty Cycle: 1:24
Medium parameters used: $f = 1925 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$
Air temperature: 22.5 degC; Liquid temperature: 21.3 ~ 21.4 degC;
Phantom section: Right Section

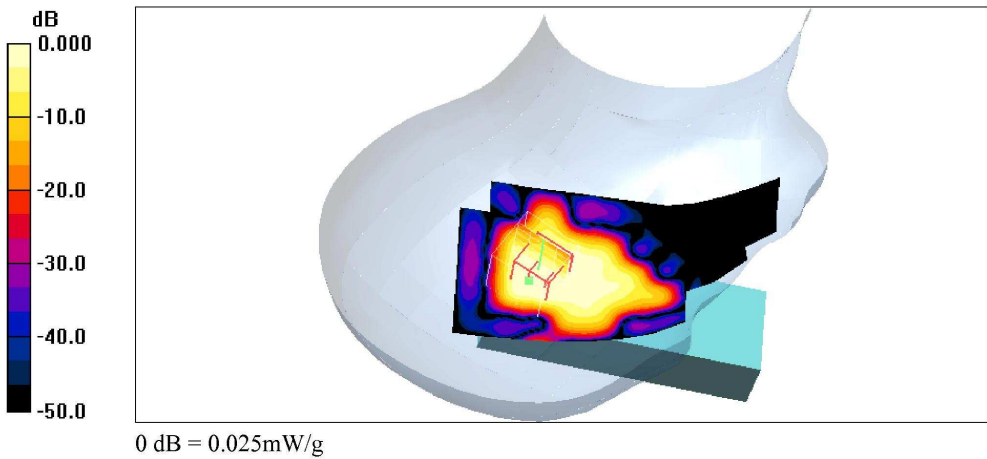
DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.98, 6.98, 6.98); Calibrated: 3/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 3/21/2006
- Phantom: SAM 12-1; Type: SAM4.0; Serial: TP-1346
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RT-MID/Area Scan (61x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.055 mW/g

RT-MID/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 4.00 V/m; Power Drift = 0.324 dB
Peak SAR (extrapolated) = 0.041 W/kg
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.

Maximum value of SAR (measured) = 0.025 mW/g



Left Cheek

Date/Time: 7/5/2006 2:57:39 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: DECT Phone; Type: PP; Serial: S37

Communication System: US DECT-1900; Frequency: 1928.5 MHz; Duty Cycle: 1:24
Medium parameters used: $f = 1928.5$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³
Air temperature: 22.5 degC; Liquid temperature: 21.3 ~ 21.4 degC;
Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.98, 6.98, 6.98); Calibrated: 3/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 3/21/2006
- Phantom: SAM 12-1; Type: SAM4.0; Serial: TP-1346
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LC-HIGH/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.24 V/m; Power Drift = -0.580 dB

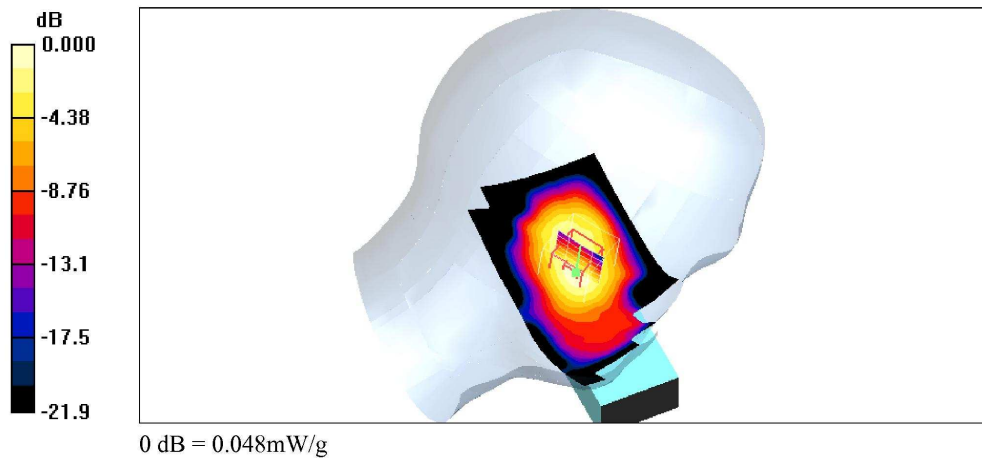
Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.048 mW/g

LC-HIGH/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.046 mW/g



Left Cheek

Date/Time: 7/5/2006 3:19:26 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: DECT Phone; Type: PP; Serial: S37

Communication System: US DECT-1900; Frequency: 1921.5 MHz; Duty Cycle: 1:24
Medium parameters used: $f = 1921.5$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³
Air temperature: 22.5 degC; Liquid temperature: 21.1 ~ 21.3 degC;
Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.98, 6.98, 6.98); Calibrated: 3/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 3/21/2006
- Phantom: SAM 12-1; Type: SAM4.0; Serial: TP-1346
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LC-LOW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.74 V/m; Power Drift = 0.388 dB

Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.050 mW/g

LC-LOW/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.049 mW/g

