# ATTACHMENT O – SAR TEST PLOTS (2 of 3)

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 25
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon_r$ = 40.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section ;Measurement SW: DASY4, V4.7 Build 44

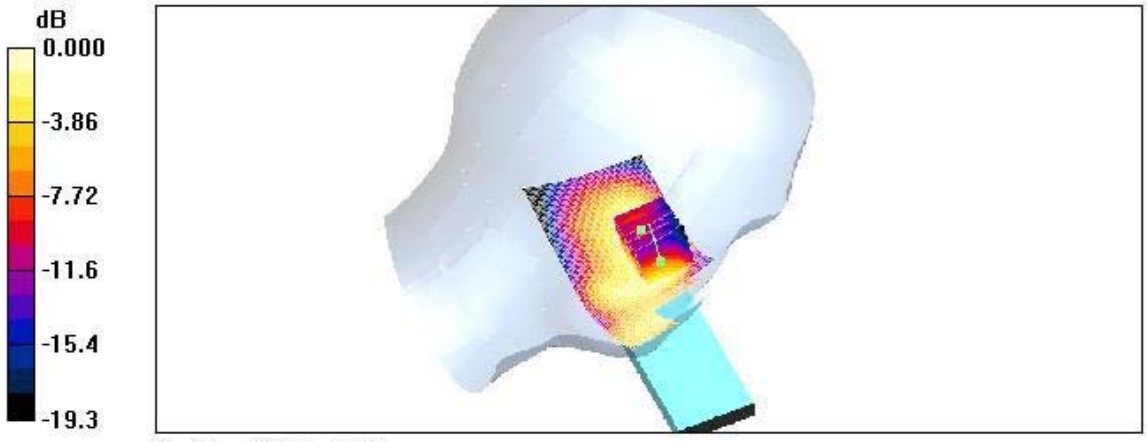
DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left touch 25/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.13 mW/g

**Left touch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.8 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.73 W/kg
**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.653 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.21 mW/g




0 dB = 1.21mW/g

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 600
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

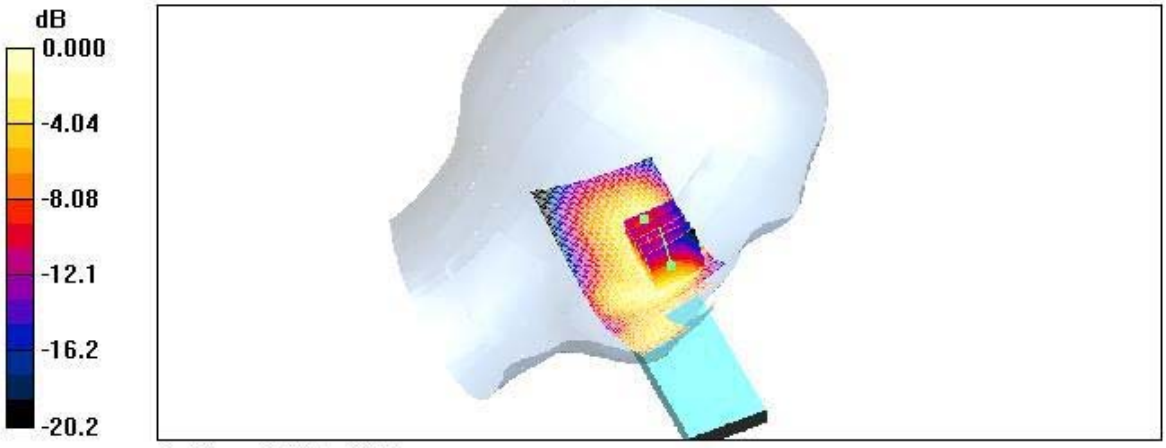
**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.44 mho/m; $\varepsilon_r$ = 40.2; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left touch 600/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.895 mW/g

**Left touch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.36 W/kg
**SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.504 mW/g**
Maximum value of SAR (measured) = 0.945 mW/g




0 dB = 0.945mW/g

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 1175
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1908.75 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 40; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

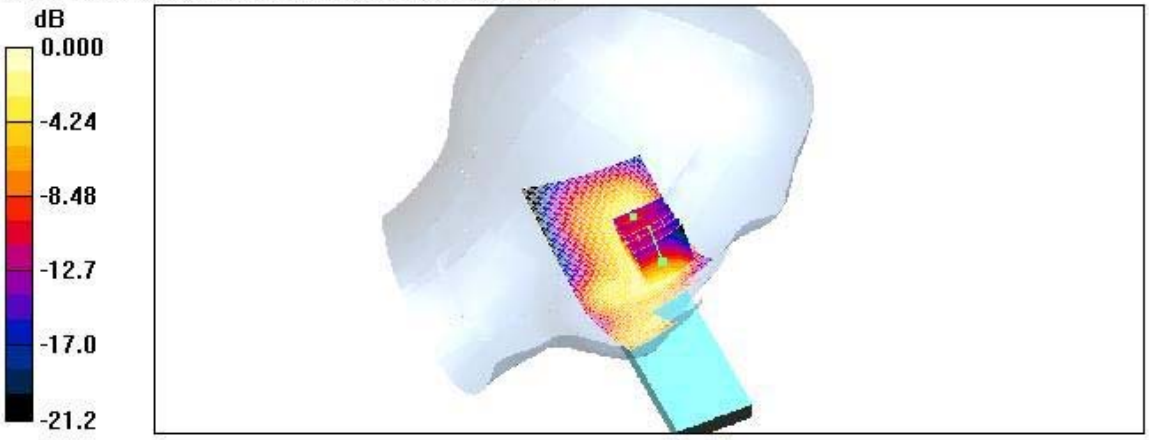
## Left touch 1175/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.830 mW/g

## Left touch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 1.28 W/kg
**SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.453 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.874 mW/g




0 dB = 0.874mW/g

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 25
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon_r$ = 40.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

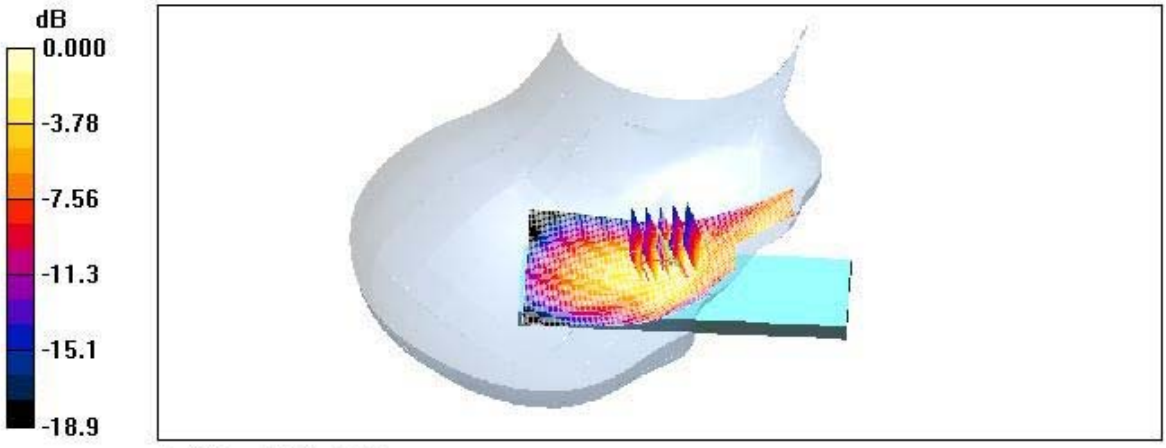
## Right touch 25/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.42 mW/g

## Right touch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.3 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 2.20 W/kg
**SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.742 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.52 mW/g




0 dB = 1.52mW/g

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 25(Bluetooth)
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon_r$ = 40.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

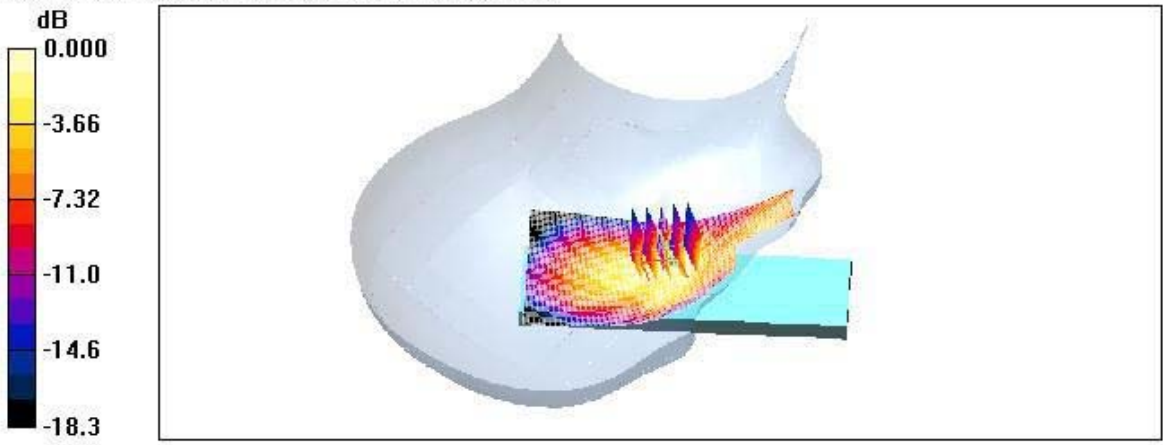
## Right touch 25/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.38 mW/g

## Right touch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.9 V/m; Power Drift = 0.173 dB
Peak SAR (extrapolated) = 2.13 W/kg
**SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.729 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.48 mW/g




0 dB = 1.48mW/g

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 600
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

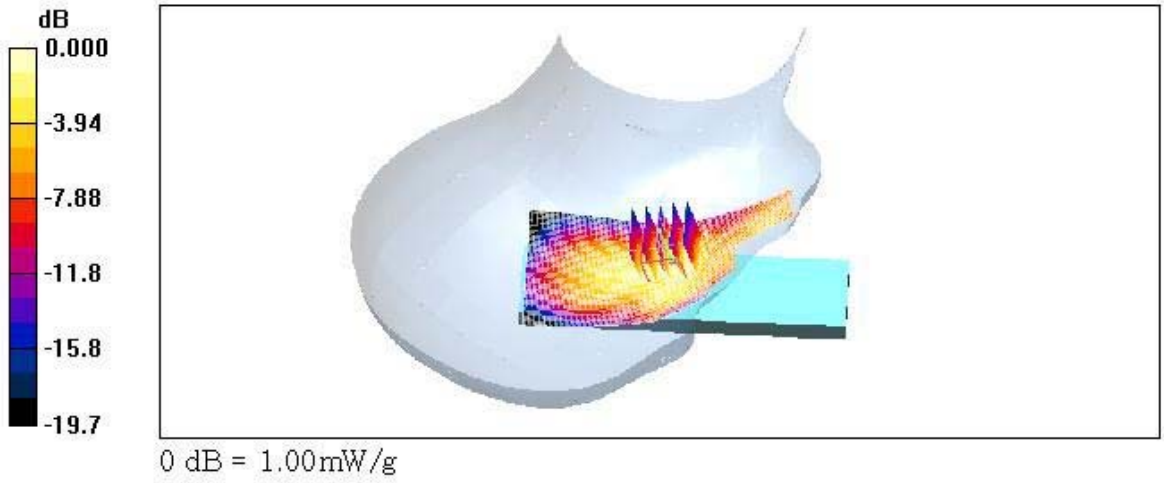
**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.44 mho/m; $\varepsilon_r$ = 40.2; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 600/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.956 mW/g

**Right touch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.2 V/m; Power Drift = -0.168 dB
Peak SAR (extrapolated) = 1.47 W/kg
**SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.493 mW/g**
Maximum value of SAR (measured) = 1.00 mW/g




0 dB = 1.00mW/g

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 1175
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1908.75 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 40; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

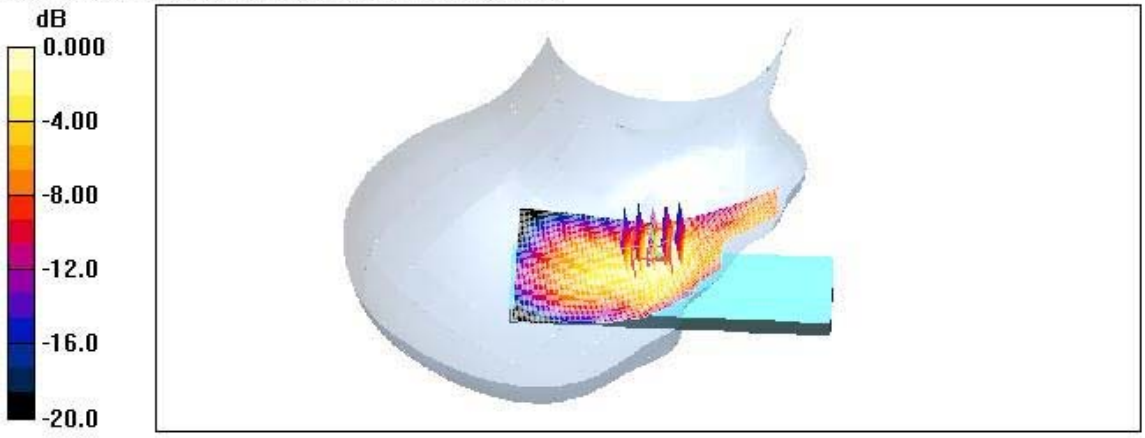
## Right touch 1175/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.928 mW/g

## Right touch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 1.50 W/kg
**SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.480 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.988 mW/g




0 dB = 0.988mW/g

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 600
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

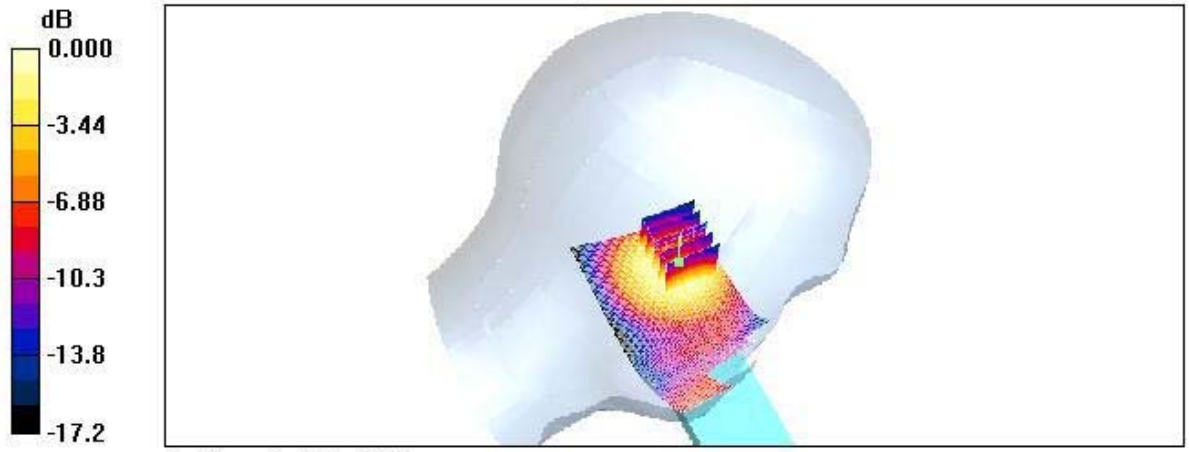
**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma = 1.44$ mho/m; $\varepsilon_r = 40.2$; $\rho = 1000$ kg/m$^3$
Phantom section: Left Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left tilt 600/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.514 mW/g

**Left tilt 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.99 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.680 W/kg
**SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.280 mW/g**
Maximum value of SAR (measured) = 0.487 mW/g




0 dB = 0.487mW/g

Test Laboratory: HCT

Company : CASIO HITACHI Mobile Comunication Co.,Ltd
Mode : PCS1900 /Channel : 600
Liquid Temperature : 21.6℃
Date Tested : October 17, 2006

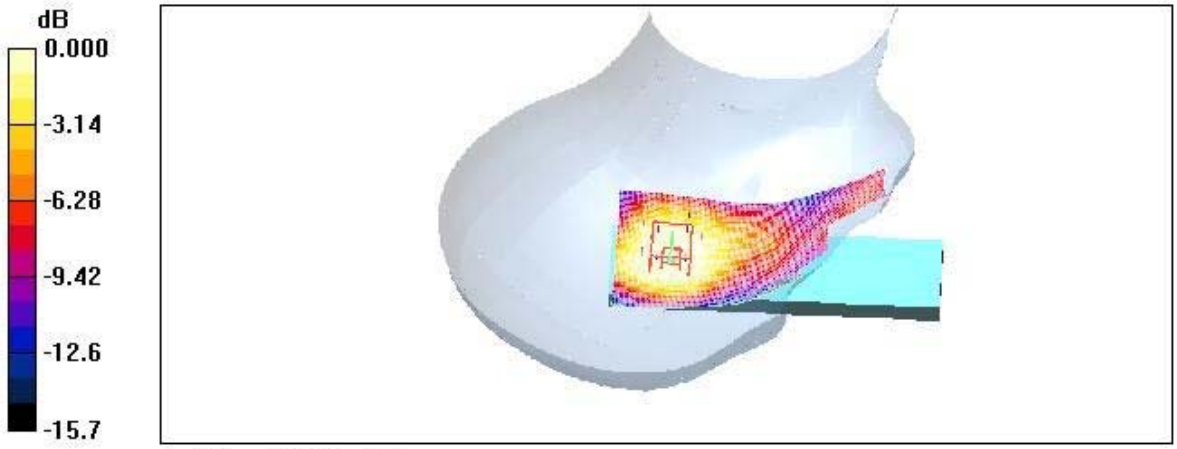
**DUT: G'zOne TYPE-S; Type: Folder; Serial: TYKNX9210-20061000001**

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.44 mho/m; $\varepsilon_r$ = 40.2; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:
- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right tilt 600/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.422 mW/g

**Right tilt 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.82 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.518 W/kg
**SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.245 mW/g**
Maximum value of SAR (measured) = 0.398 mW/g




0 dB = 0.398mW/g