



## Attachment 2 – SAR Test Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head, Cheek/Touch 512ch (1850.20MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Cheek/Touch Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.20 \text{ mW/g}$

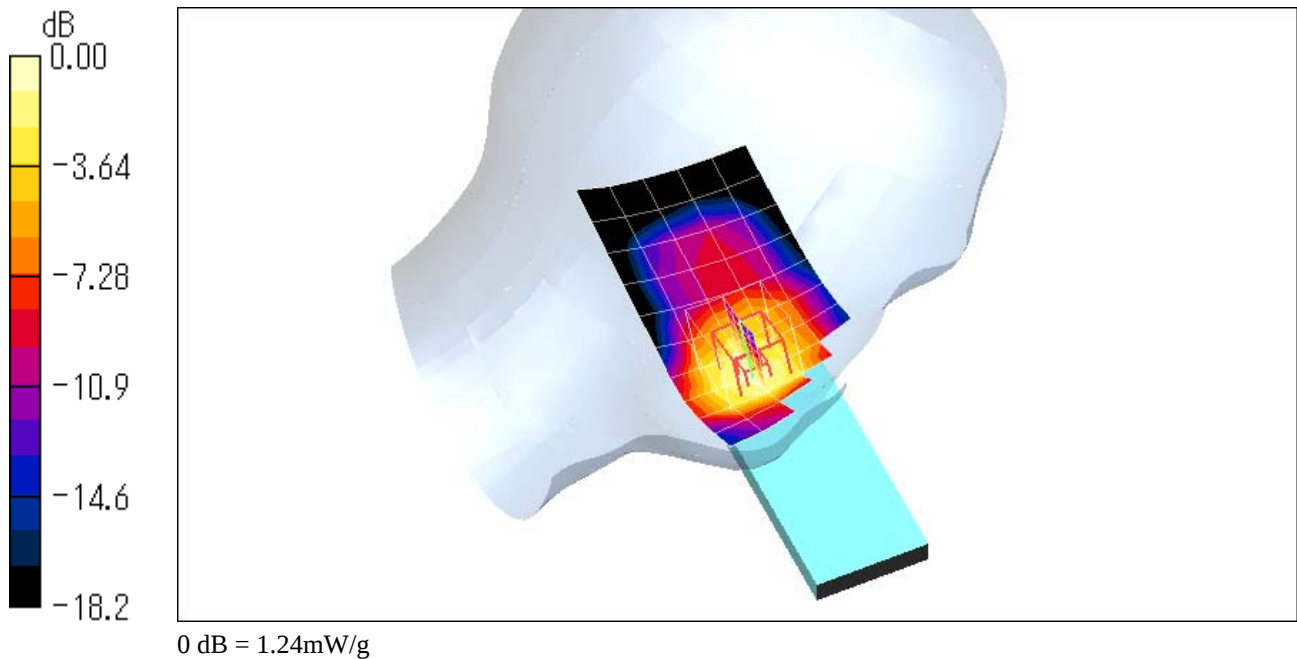
**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.47 \text{ V/m}$ ; Power Drift =  $0.020 \text{ dB}$

Peak SAR (extrapolated) =  $1.64 \text{ W/kg}$

**SAR(1 g) =  $1.1 \text{ mW/g}$ ; SAR(10 g) =  $0.661 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.24 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head, Cheek/Touch 661ch (1880.00MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Cheek/Touch Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.46 \text{ mW/g}$

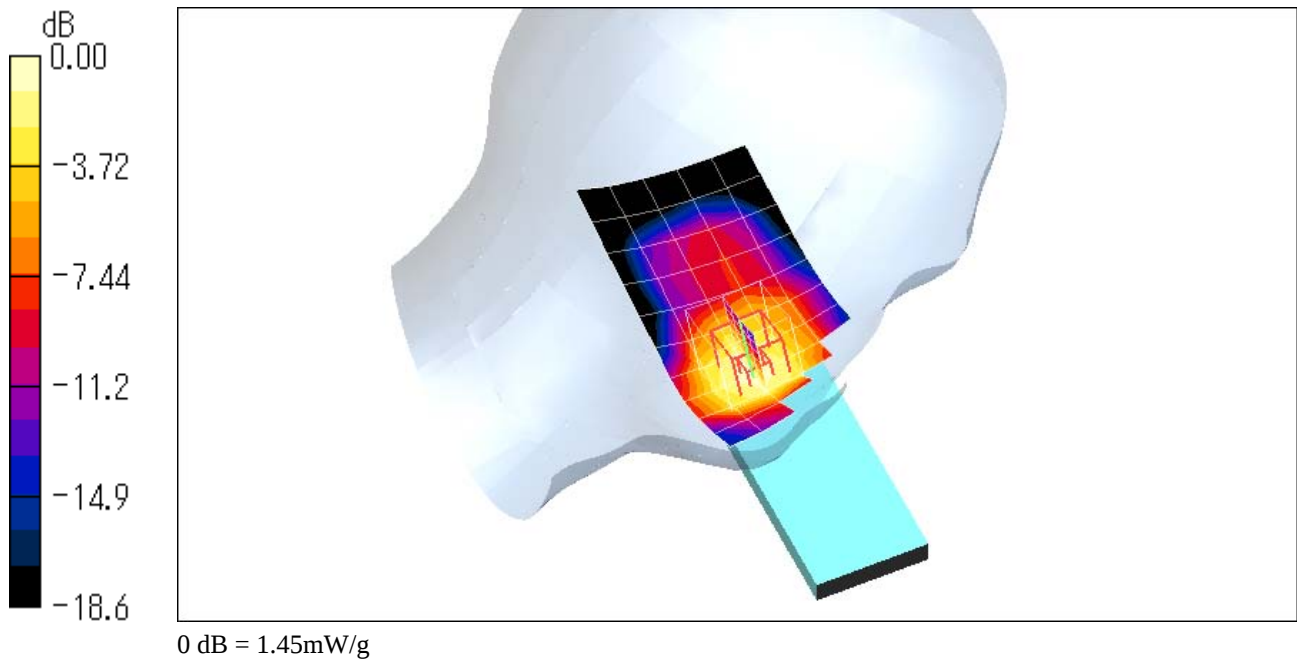
**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.62 \text{ V/m}$ ; Power Drift =  $-0.035 \text{ dB}$

Peak SAR (extrapolated) =  $1.97 \text{ W/kg}$

**SAR(1 g) =  $1.29 \text{ mW/g}$ ; SAR(10 g) =  $0.773 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.45 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head, Cheek/Touch 810ch (1909.80MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: HSL1900 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Cheek/Touch Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.40 \text{ mW/g}$

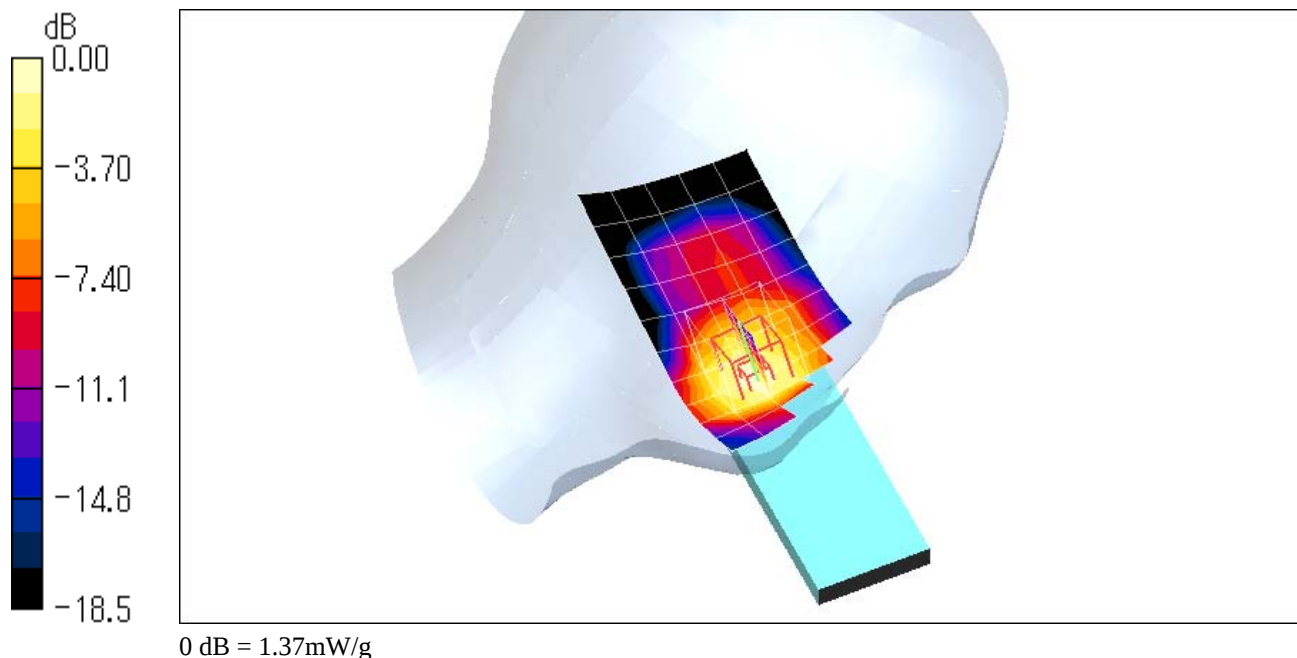
**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.60 \text{ V/m}$ ; Power Drift =  $-0.096 \text{ dB}$

Peak SAR (extrapolated) =  $1.88 \text{ W/kg}$

**SAR(1 g) =  $1.23 \text{ mW/g}$ ; SAR(10 g) =  $0.749 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.37 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head, Ear/Tilt 661ch (1880.00MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Ear/Tilt Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.426 \text{ mW/g}$

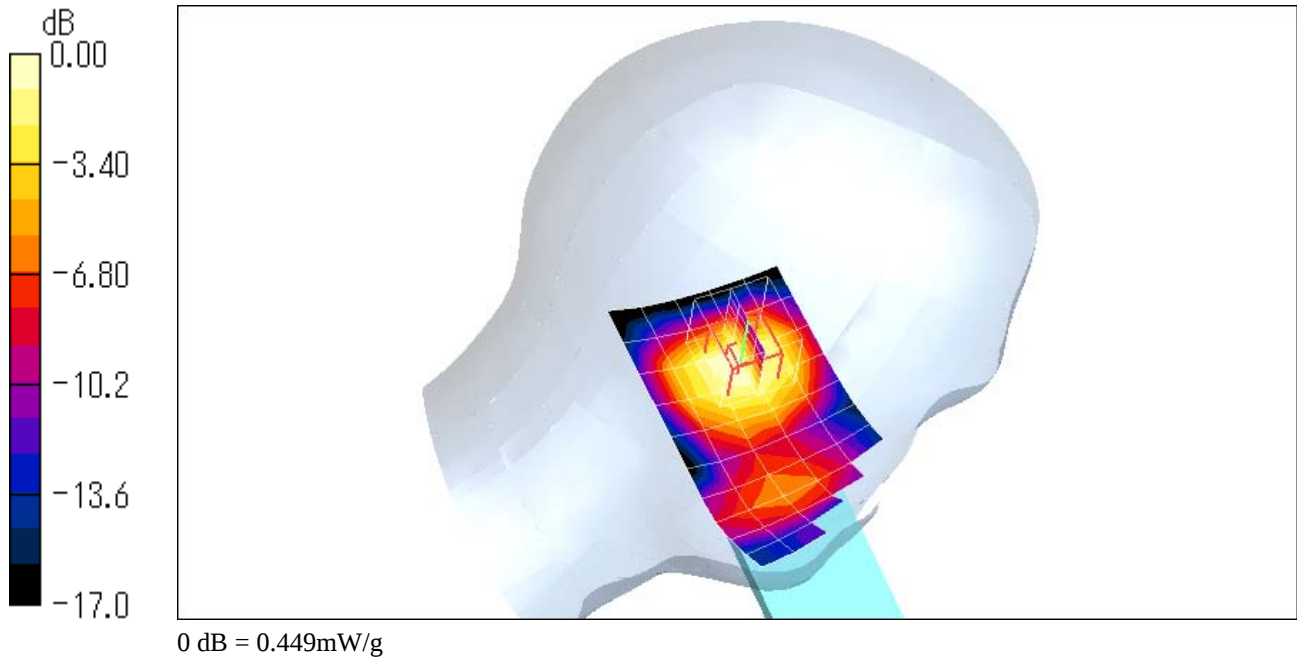
**Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.1 \text{ V/m}$ ; Power Drift =  $-0.082 \text{ dB}$

Peak SAR (extrapolated) =  $0.609 \text{ W/kg}$

**SAR(1 g) =  $0.422 \text{ mW/g}$ ; SAR(10 g) =  $0.265 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.449 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head, Cheek/Touch 512ch (1850.20MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASy4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Cheek/Touch Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.14 \text{ mW/g}$

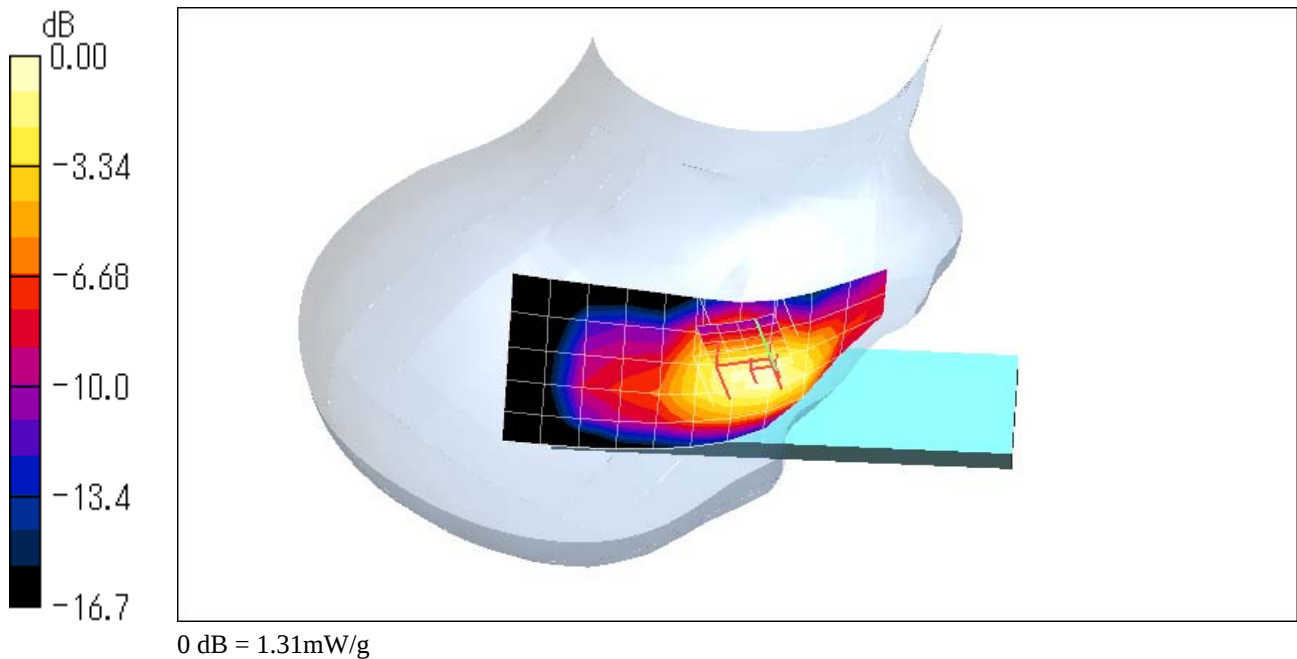
**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.68 \text{ V/m}$ ; Power Drift =  $-0.016 \text{ dB}$

Peak SAR (extrapolated) =  $1.72 \text{ W/kg}$

**SAR(1 g) =  $1.2 \text{ mW/g}$ ; SAR(10 g) =  $0.763 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.31 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head, Cheek/Touch 661ch (1880.00MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Cheek/Touch Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.39 \text{ mW/g}$

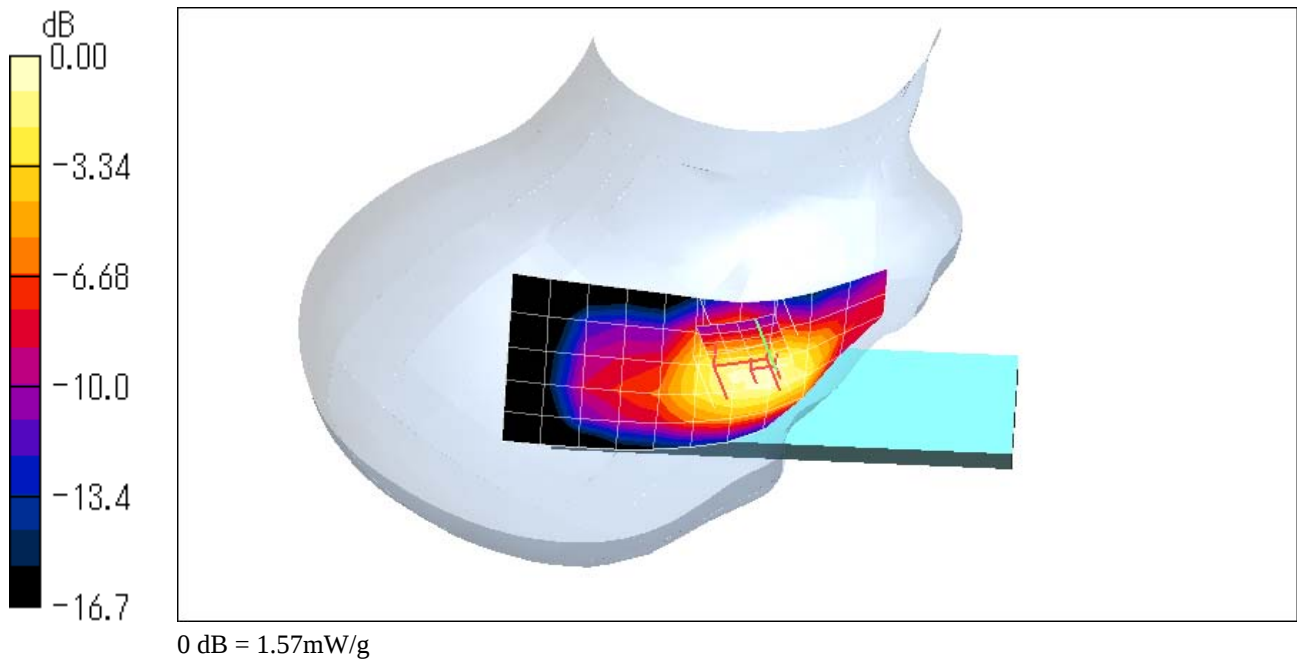
**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.5 \text{ V/m}$ ; Power Drift =  $-0.058 \text{ dB}$

Peak SAR (extrapolated) =  $2.09 \text{ W/kg}$

**SAR(1 g) =  $1.45 \text{ mW/g}$ ; SAR(10 g) =  $0.923 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.57 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head, Cheek/Touch 661ch (1880.00MHz)

DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2

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

Medium: HSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

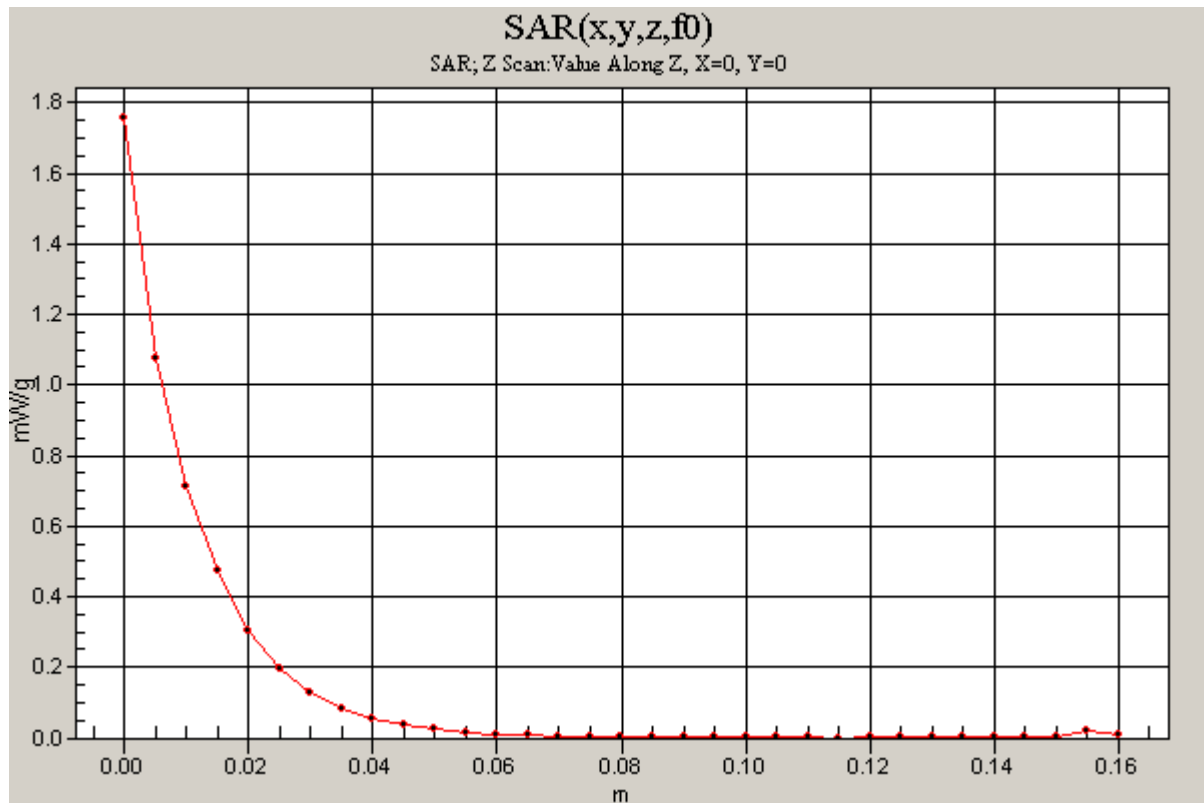
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Cheek/Touch Position/Z Scan (1x1x33):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.76 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head, Cheek/Touch 810ch (1909.80MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: HSL1900 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Cheek/Touch Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.36 \text{ mW/g}$

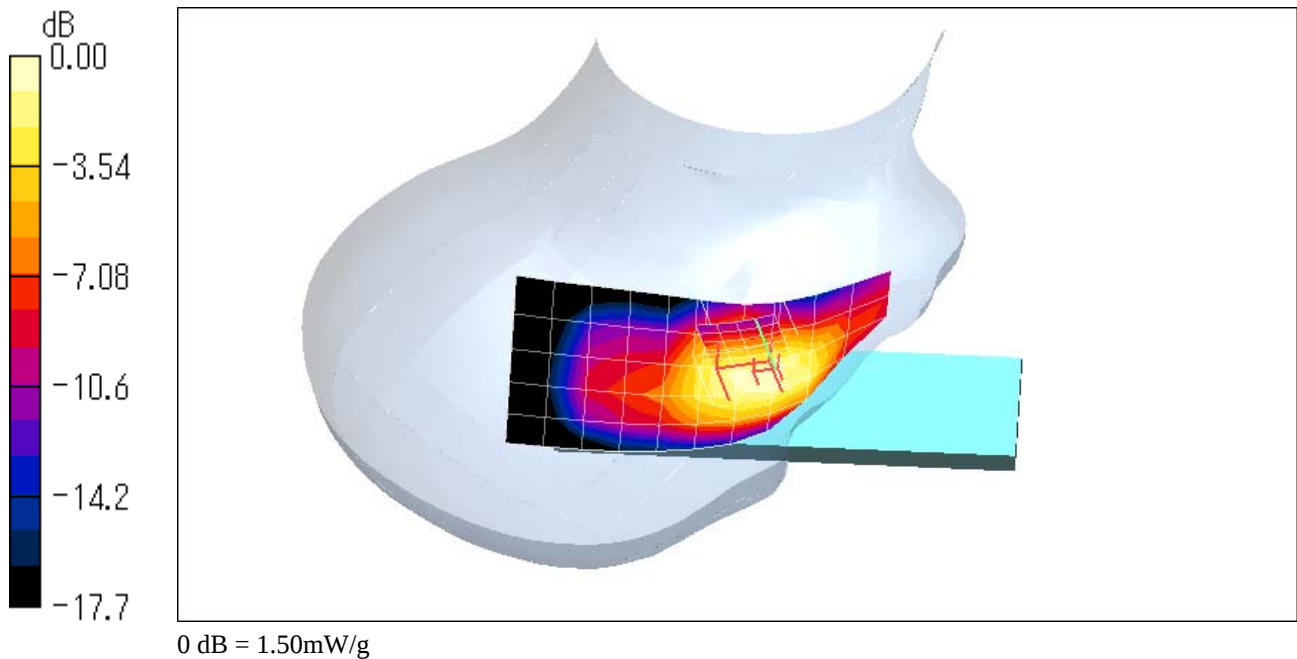
**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.1 \text{ V/m}$ ; Power Drift =  $-0.074 \text{ dB}$

Peak SAR (extrapolated) =  $2.02 \text{ W/kg}$

**SAR(1 g) =  $1.38 \text{ mW/g}$ ; SAR(10 g) =  $0.875 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.50 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head, Cheek/Touch 661ch (1880.00MHz) co-located with Bluetooth

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Cheek/Touch Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.46 \text{ mW/g}$

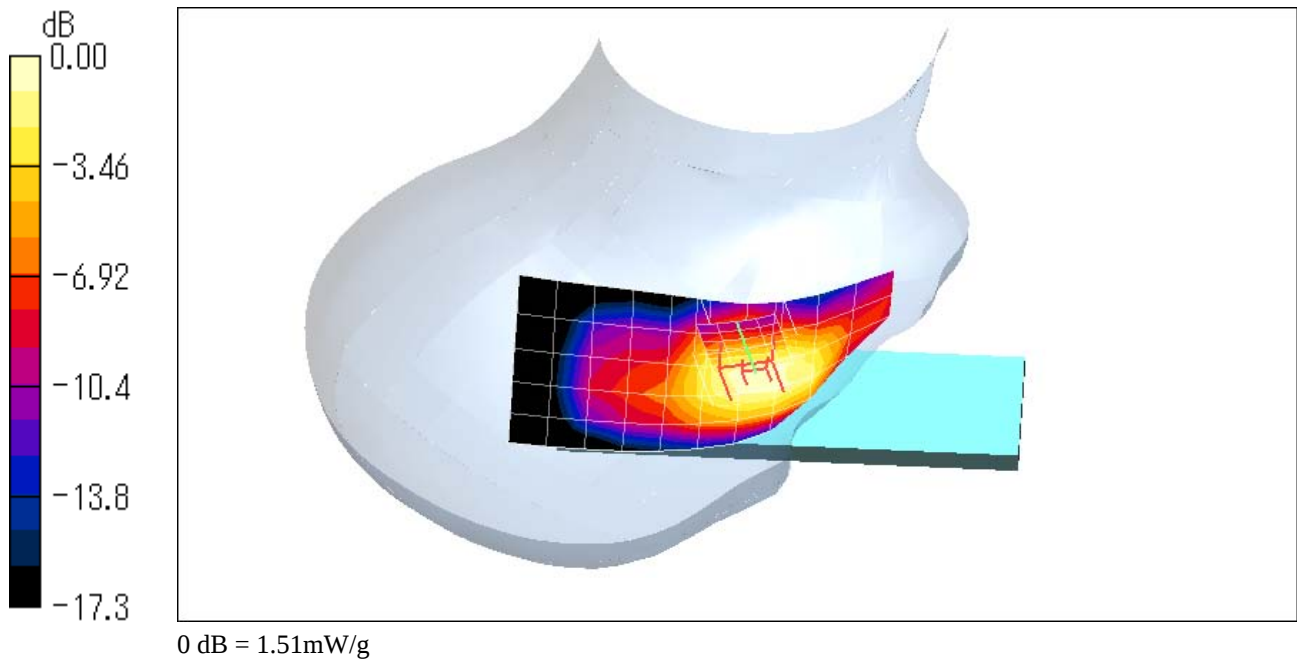
**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.1 \text{ V/m}$ ; Power Drift =  $-0.074 \text{ dB}$

Peak SAR (extrapolated) =  $2.00 \text{ W/kg}$

**SAR(1 g) =  $1.41 \text{ mW/g}$ ; SAR(10 g) =  $0.918 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.51 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head, Ear/Tilt 661ch (1880.00MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.22, 5.22, 5.22); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Ear/Tilt Position/Area Scan (11x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.411 \text{ mW/g}$

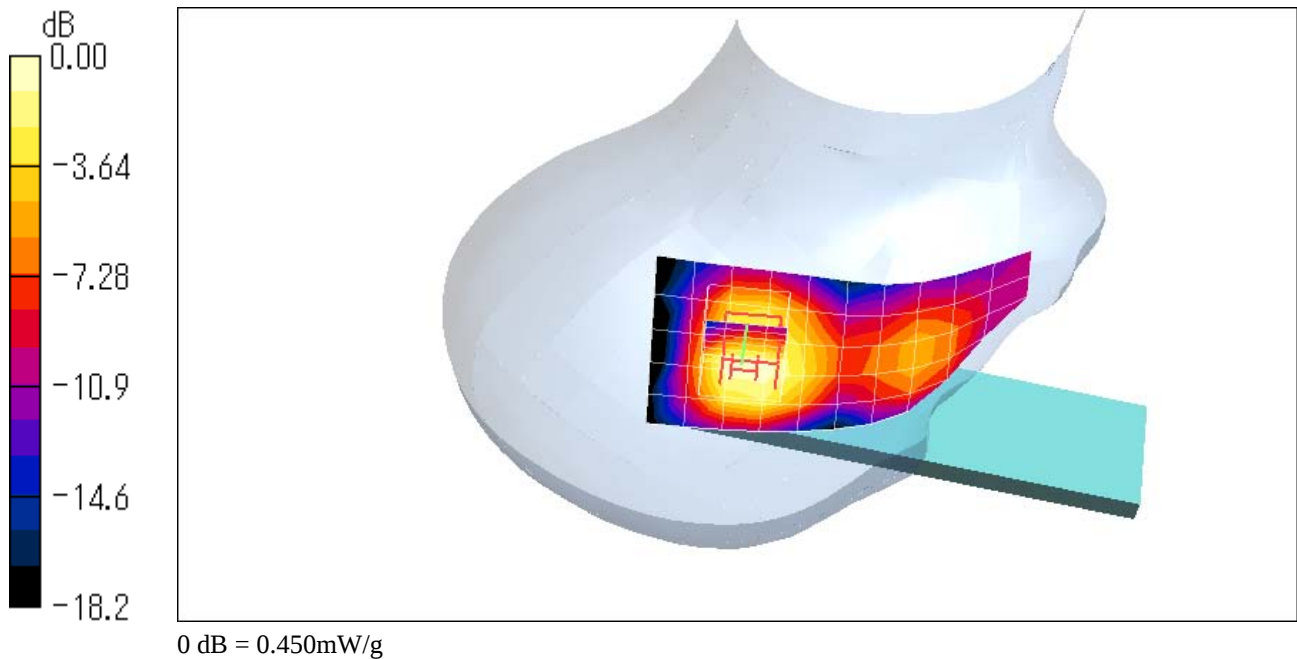
**Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.0 \text{ V/m}$ ; Power Drift =  $-0.040 \text{ dB}$

Peak SAR (extrapolated) =  $0.615 \text{ W/kg}$

**SAR(1 g) =  $0.420 \text{ mW/g}$ ; SAR(10 g) =  $0.263 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.450 \text{ mW/g}$



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

**Body-worn 661ch (1880.00MHz)****DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: M1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.61, 4.61, 4.61); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASy4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Body-worn/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.575 mW/g

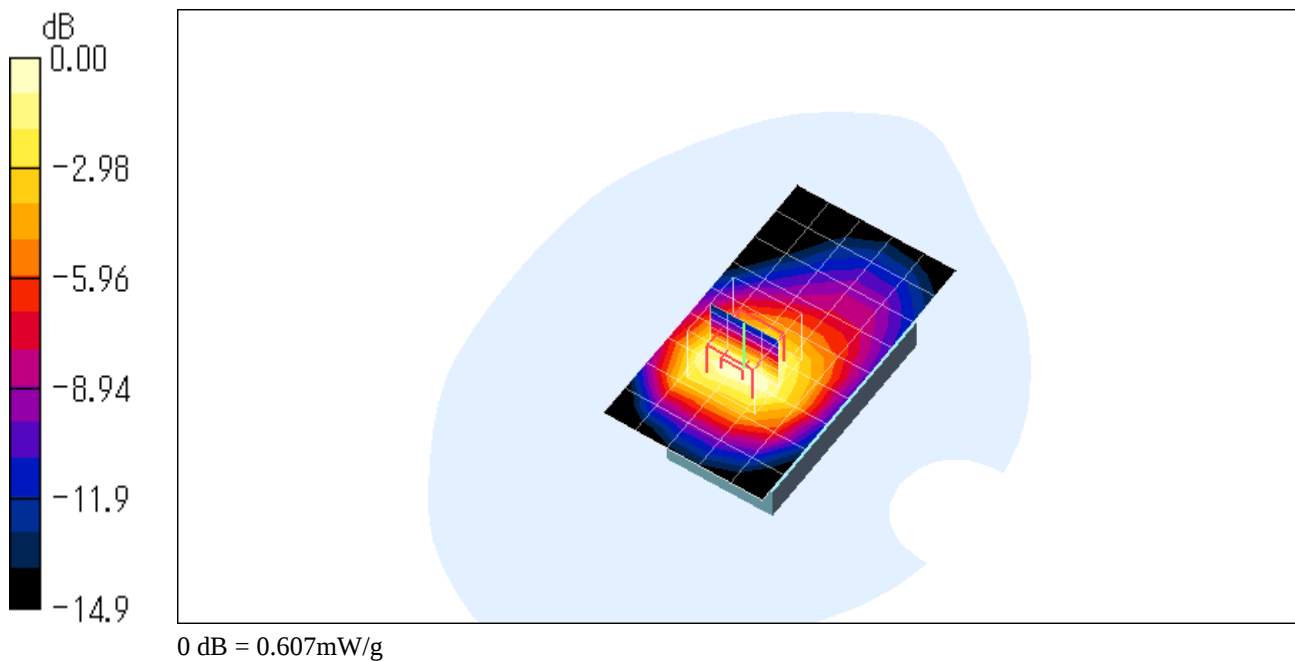
**Body-worn/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.918 W/kg

**SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.334 mW/g**

Maximum value of SAR (measured) = 0.607 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

**Body-worn 661ch (1880.00MHz) co-located with Bluetooth****DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

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

Medium: M1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.61, 4.61, 4.61); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Body-worn/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.577 mW/g

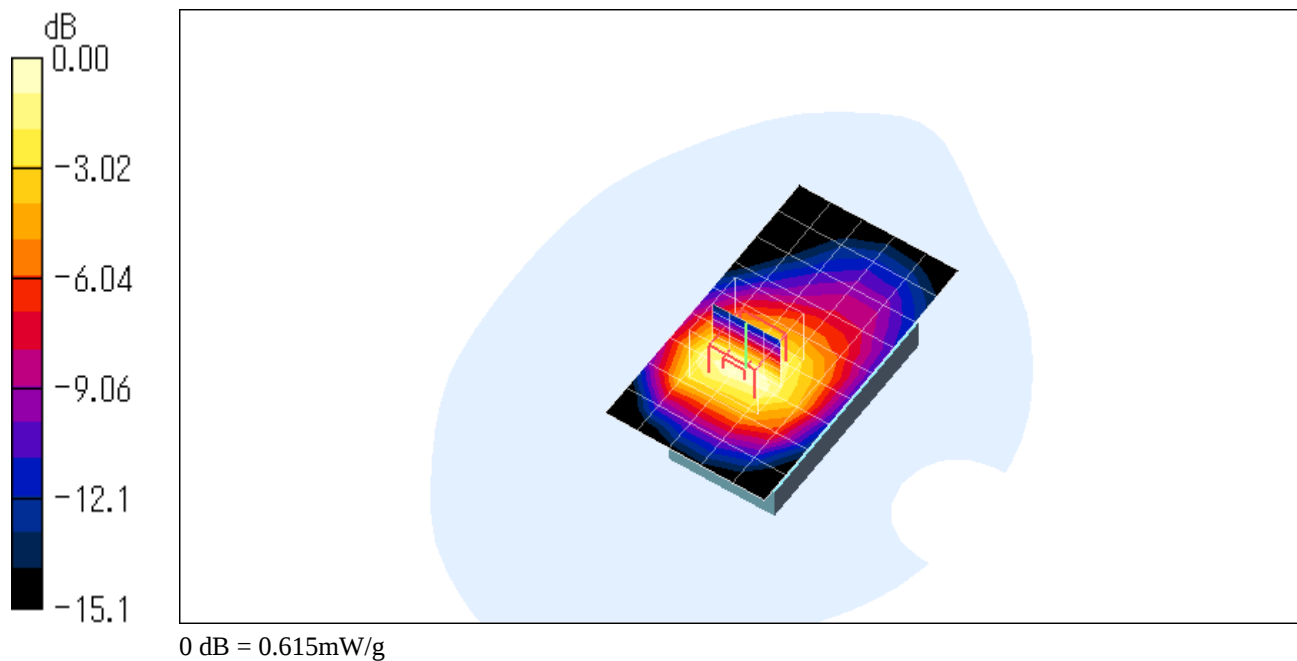
**Body-worn/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.924 W/kg

**SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.336 mW/g**

Maximum value of SAR (measured) = 0.615 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body-worn (GPRS) 512ch (1850.20MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.2

Medium: M1900 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 52.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.61, 4.61, 4.61); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Body-worn/Area Scan (6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.12 mW/g

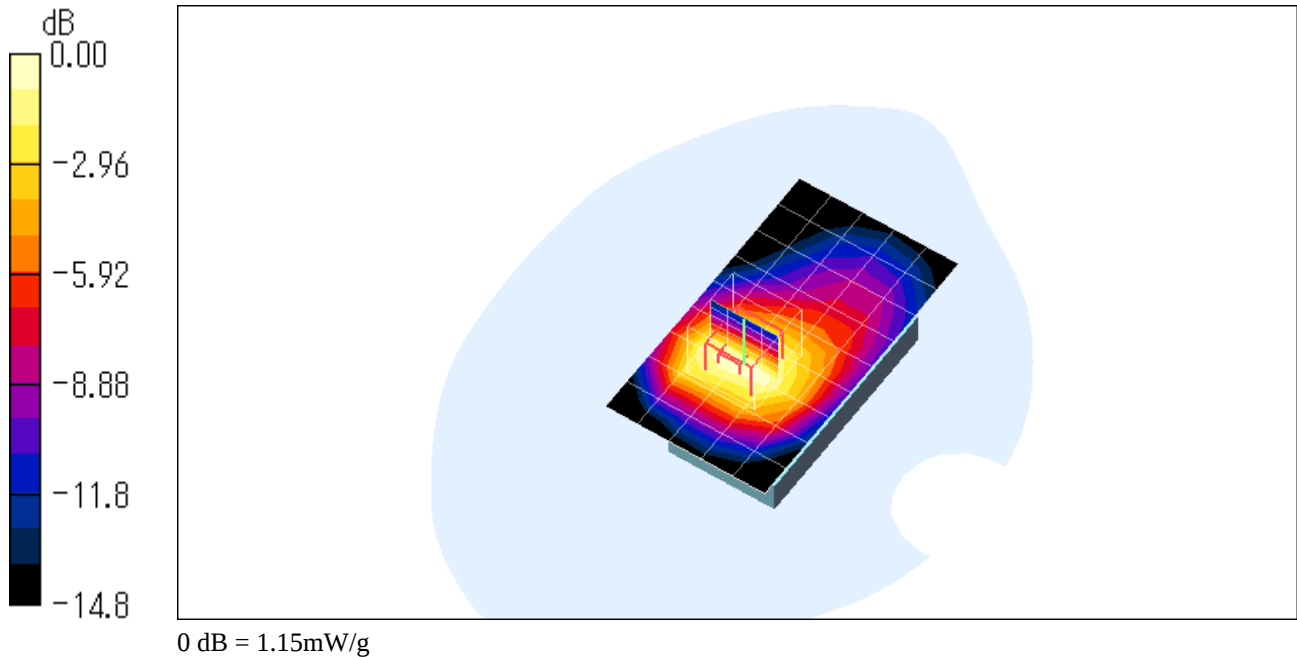
**Body-worn/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 26.2 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.639 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

**Body-worn (GPRS) 661ch (1880.00MHz)****DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2

Medium: M1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.61, 4.61, 4.61); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Body-worn/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.17 mW/g

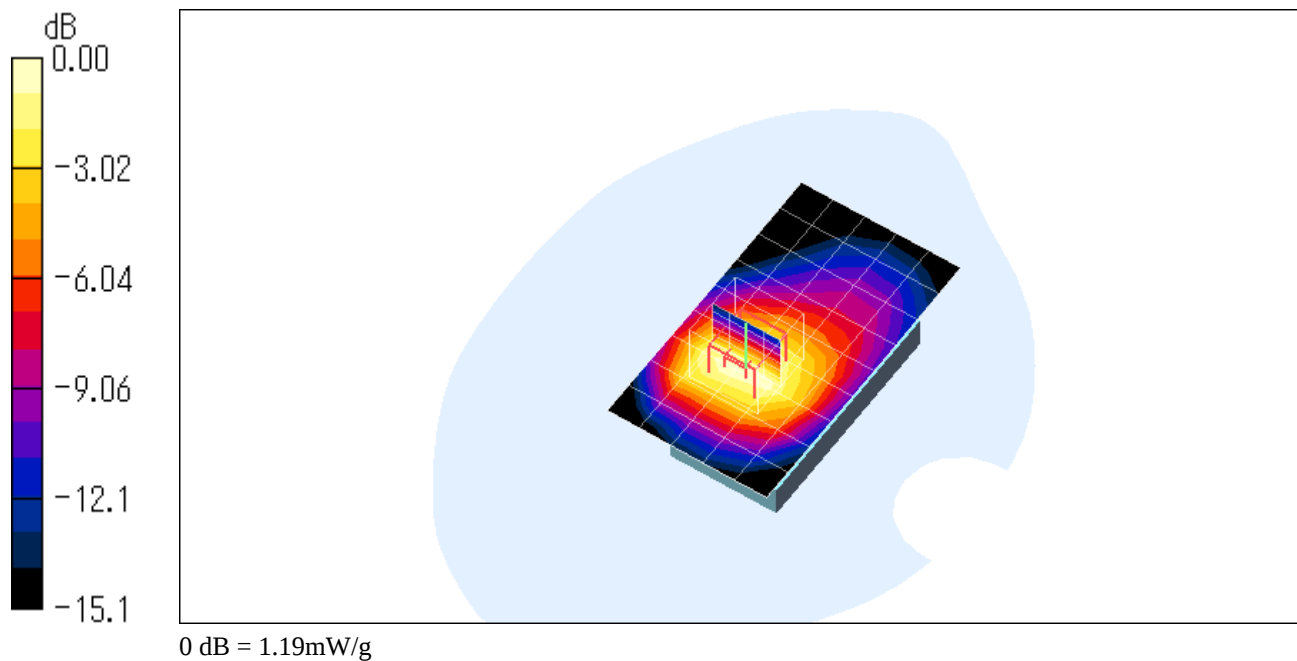
**Body-worn/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.657 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body-worn (GPRS) 661ch (1880.00MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium: M1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 52.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

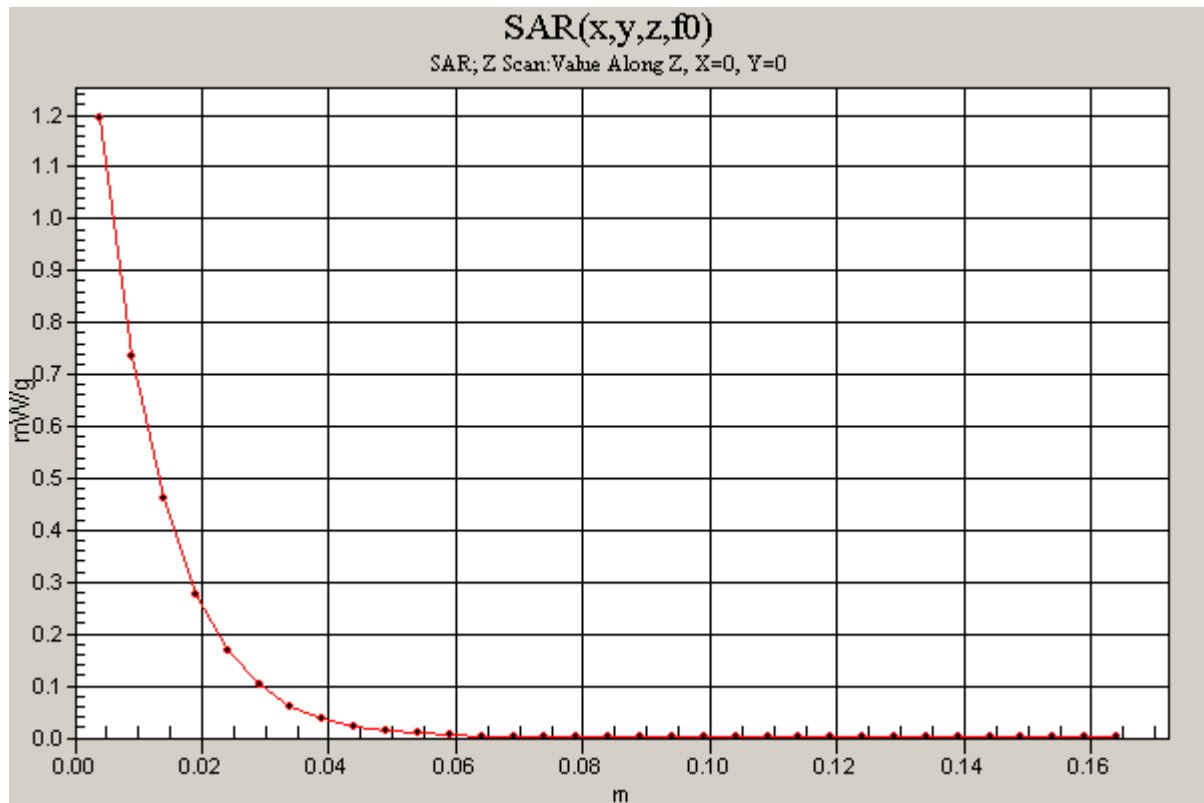
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.61, 4.61, 4.61); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Body-worn/Z Scan (1x1x33):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ ,  $dz=5\text{mm}$

Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body-worn (GPRS) 810ch (1909.80MHz)

**DUT: WCDMA & Tri-band GSM Dual mode Mobile Phone / Bluetooth Enable; Type: 813SH; Serial: 004401/11/041416/2**

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.2

Medium: M1900 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 52.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.61, 4.61, 4.61); Calibrated: 2006/11/16
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2006/11/09
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Body-worn/Area Scan (6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.09 mW/g

**Body-worn/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 25.4 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.619 mW/g**

Maximum value of SAR (measured) = 1.12 mW/g

