



Attachment 2 – SAR Test Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 1013ch (824.70MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

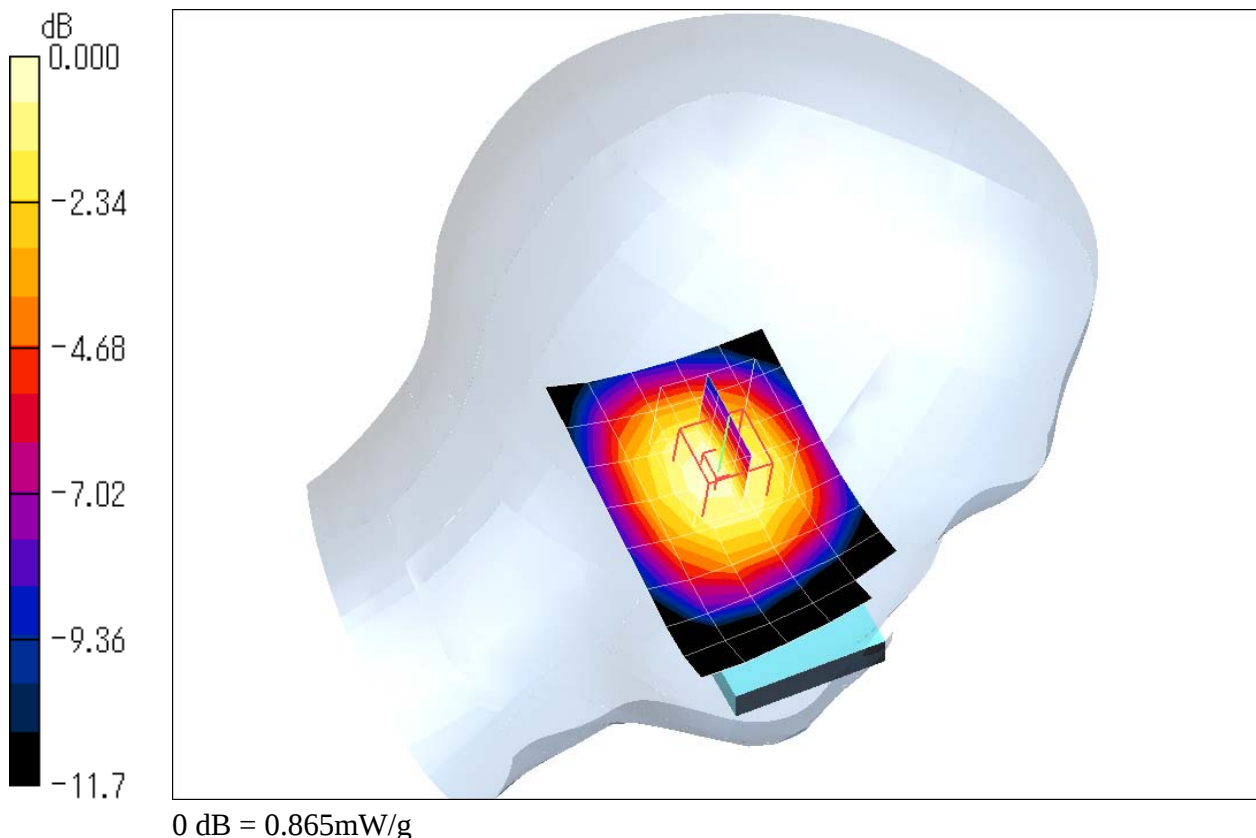
Medium: HSL900 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (9x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.828 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 = 27.8 V/m ; Power Drift = 0.006 dB Peak SAR (extrapolated) = 1.05 W/kg **SAR(1 g) = 0.817 mW/g ; SAR(10 g) = 0.582 mW/g** Maximum value of SAR (measured) = 0.865 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 384ch (836.52MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

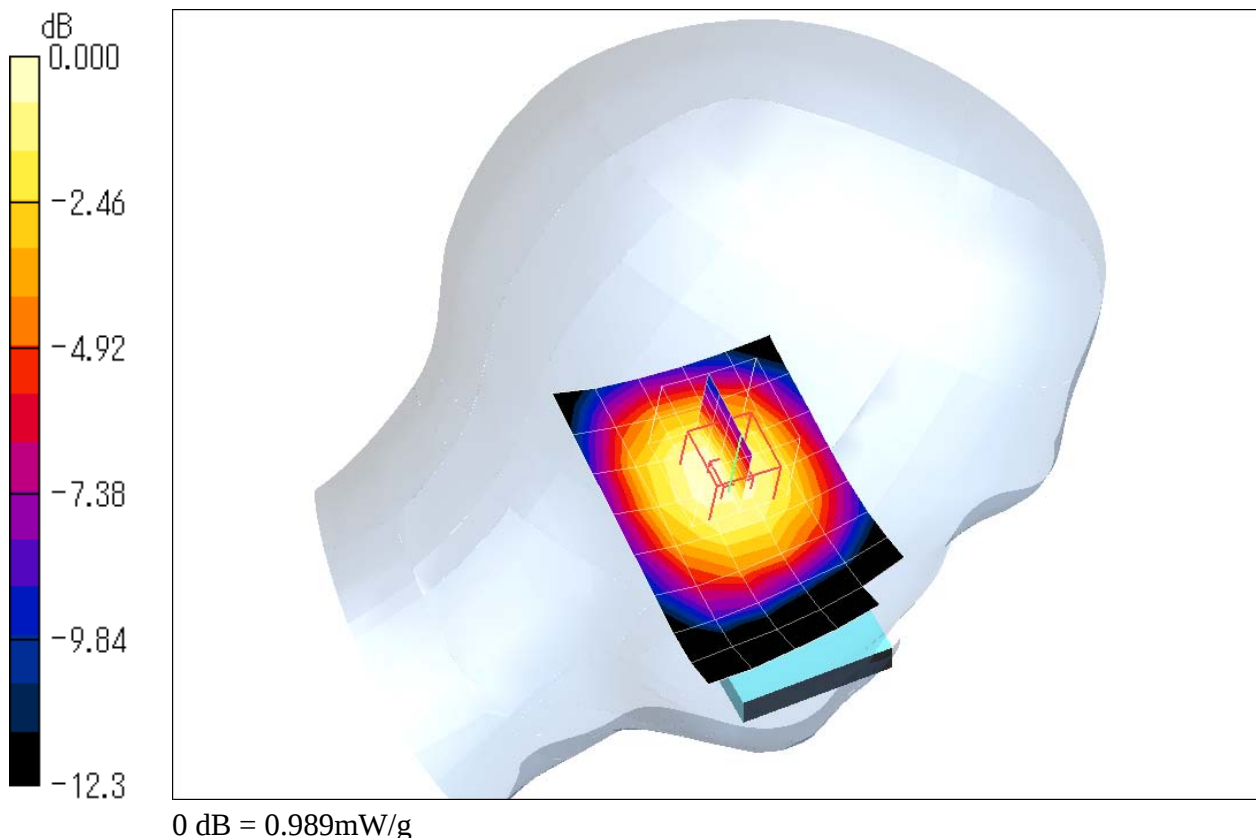
Medium: HSL900 Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (9x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.945 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 = 30.0 V/m ; Power Drift = -0.022 dB Peak SAR (extrapolated) = 1.19 W/kg **SAR(1 g) = 0.945 mW/g ; SAR(10 g) = 0.668 mW/g** Maximum value of SAR (measured) = 0.989 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 779ch (848.37MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 848.37 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used: $f = 848.37 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (9x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.05 mW/g

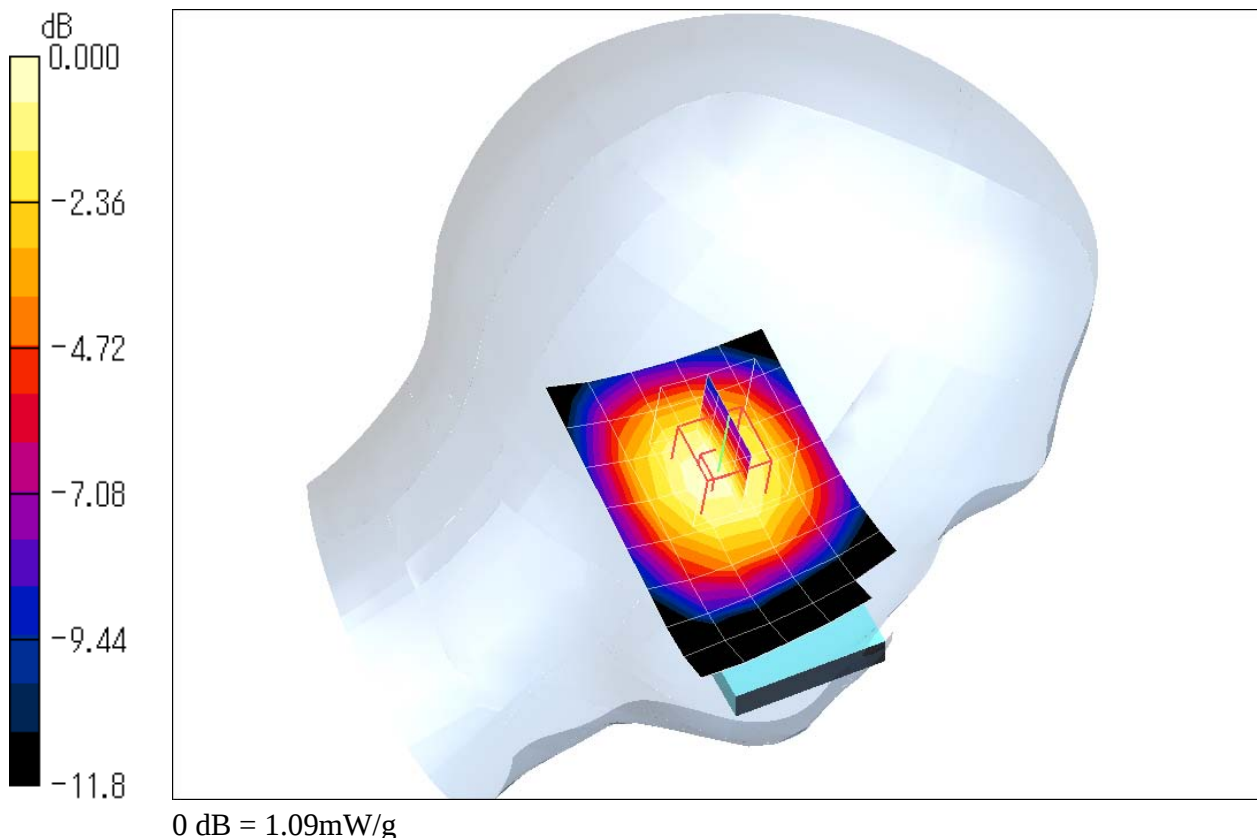
Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.5 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.721 mW/g

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



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 779ch (848.37MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 848.37 MHz; Duty Cycle: 1:1

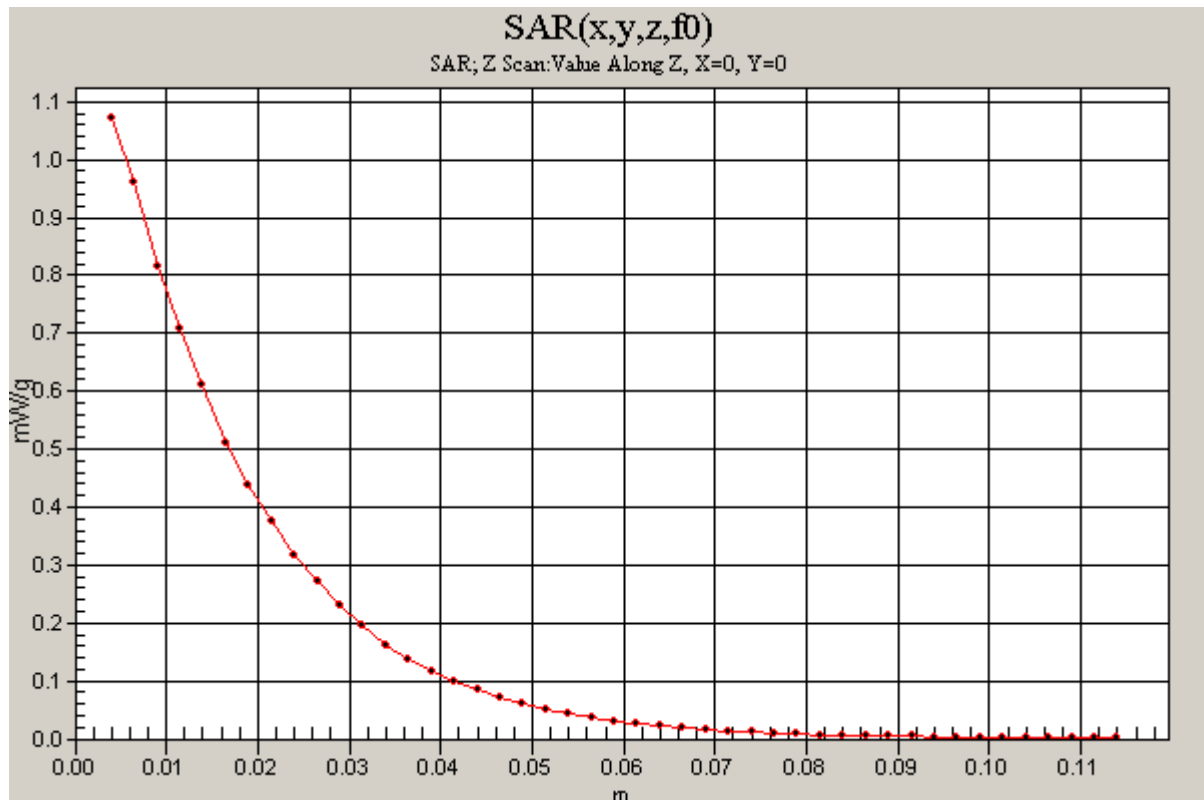
Medium: HSL900 Medium parameters used: $f = 848.37 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DAS4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Z Scan (1x1x45): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=2.5\text{mm}$
Maximum value of SAR (measured) = 1.07 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Ear/Tilt 384ch (836.52MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

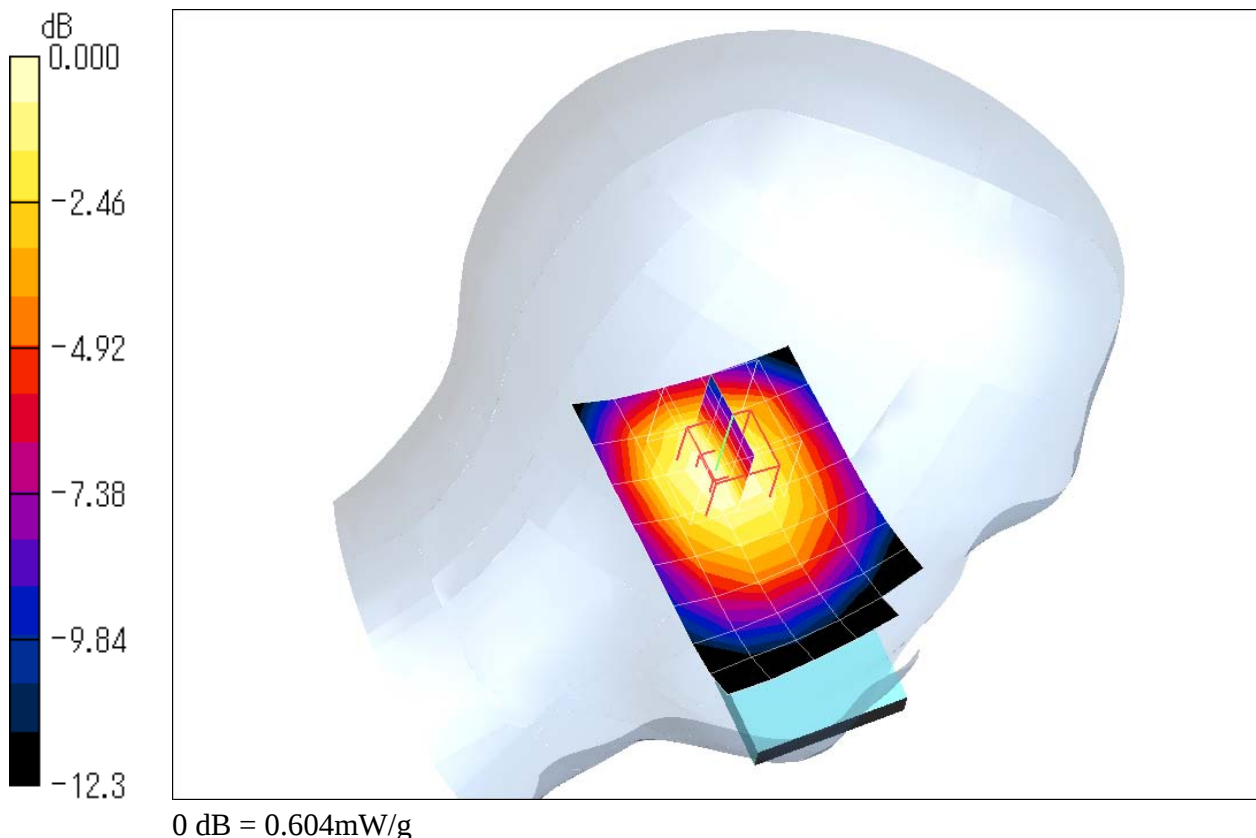
Medium: HSL900 Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt Position/Area Scan (9x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.578 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 = 25.4 V/m ; Power Drift = -0.050 dB Peak SAR (extrapolated) = 0.786 W/kg **SAR(1 g) = 0.565 mW/g ; SAR(10 g) = 0.390 mW/g** Maximum value of SAR (measured) = 0.604 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Cheek/Touch 1013ch (824.70MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

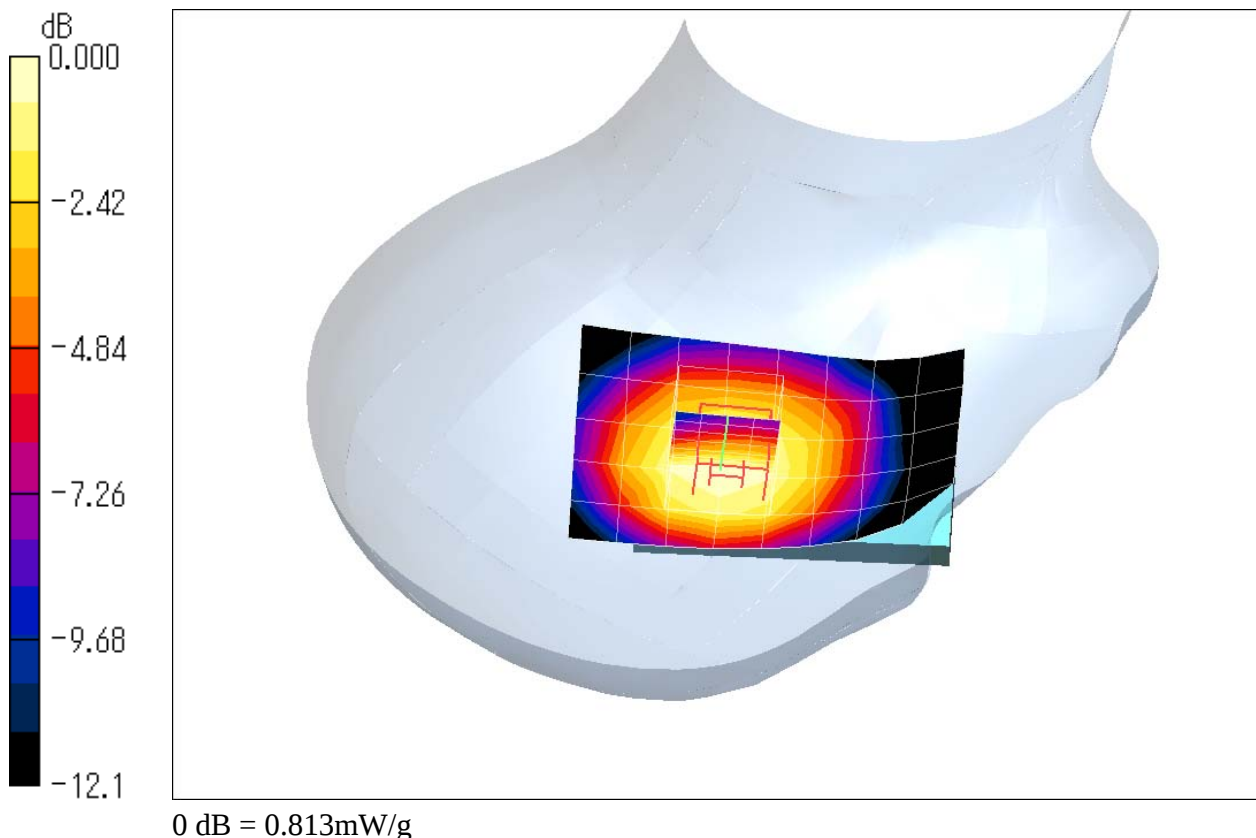
Medium: HSL900 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (9x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.815 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 = 26.0 V/m ; Power Drift = -0.065 dB Peak SAR (extrapolated) = 1.07 W/kg **SAR(1 g) = 0.765 mW/g ; SAR(10 g) = 0.536 mW/g** Maximum value of SAR (measured) = 0.813 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Cheek/Touch 384ch (836.52MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

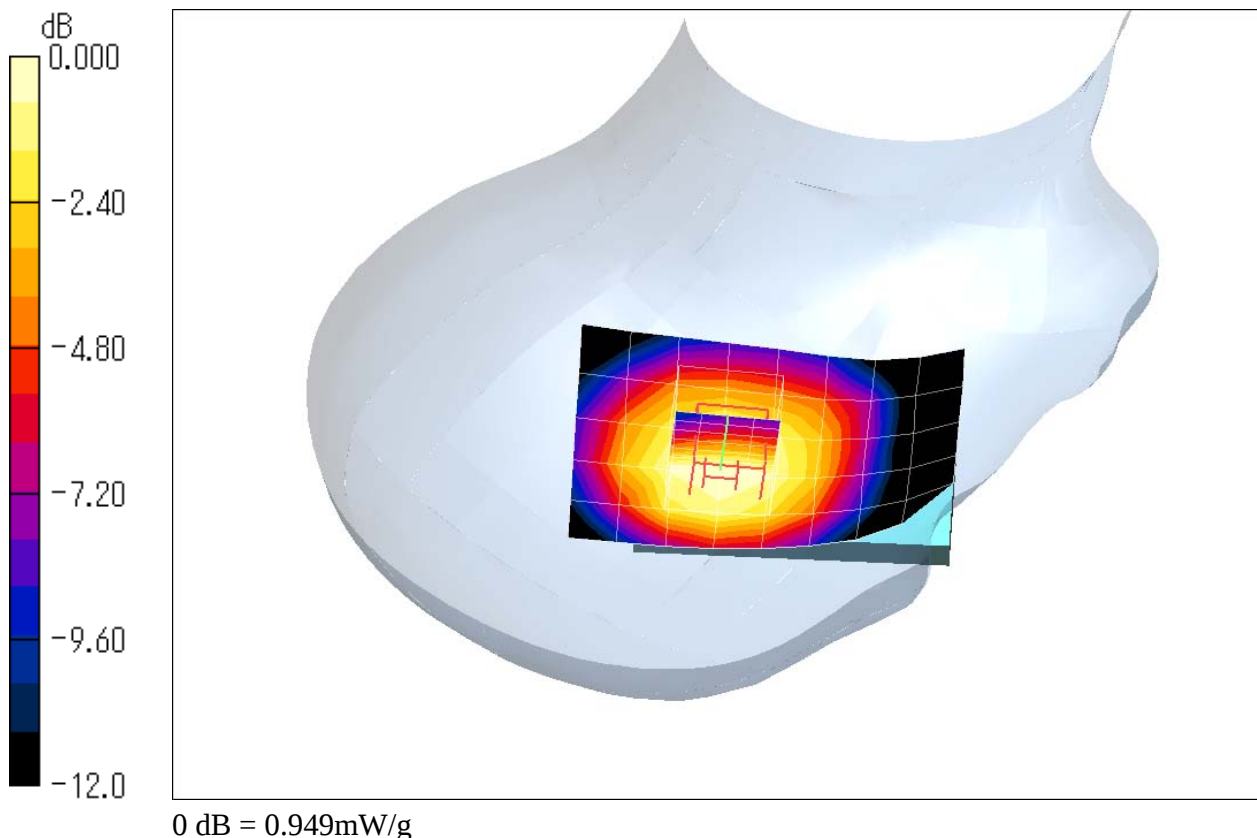
Medium: HSL900 Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (9x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.945 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 = 28.7 V/m ; Power Drift = -0.012 dB Peak SAR (extrapolated) = 1.26 W/kg **SAR(1 g) = 0.892 mW/g ; SAR(10 g) = 0.622 mW/g** Maximum value of SAR (measured) = 0.949 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Cheek/Touch 779ch (848.37MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 848.37 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used: $f = 848.37 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (9x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.02 mW/g

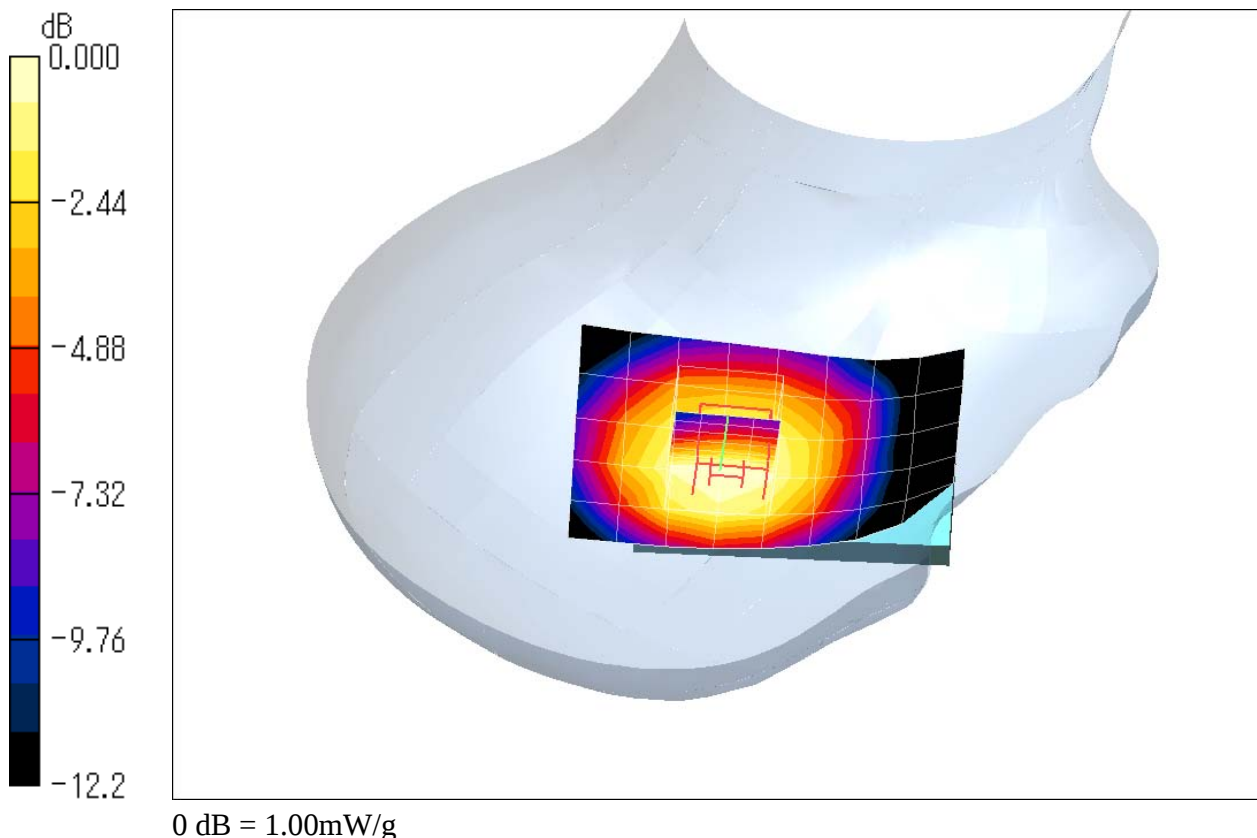
Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.0 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.663 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Ear/Tilt 384ch (836.52MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt Position/Area Scan (9x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.596 mW/g

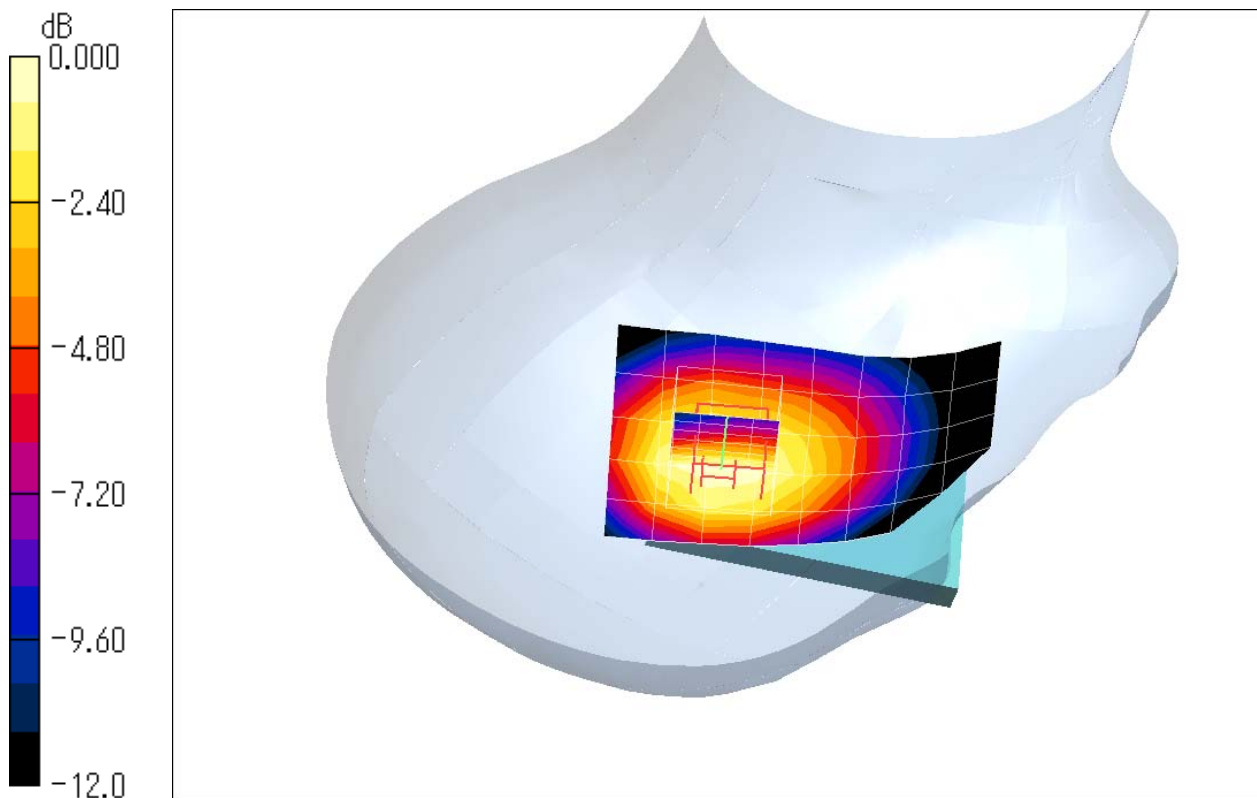
Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.4 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.850 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 0.613 mW/g



0 dB = 0.613mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn 1013ch (824.70MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.22, 6.22, 6.22); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

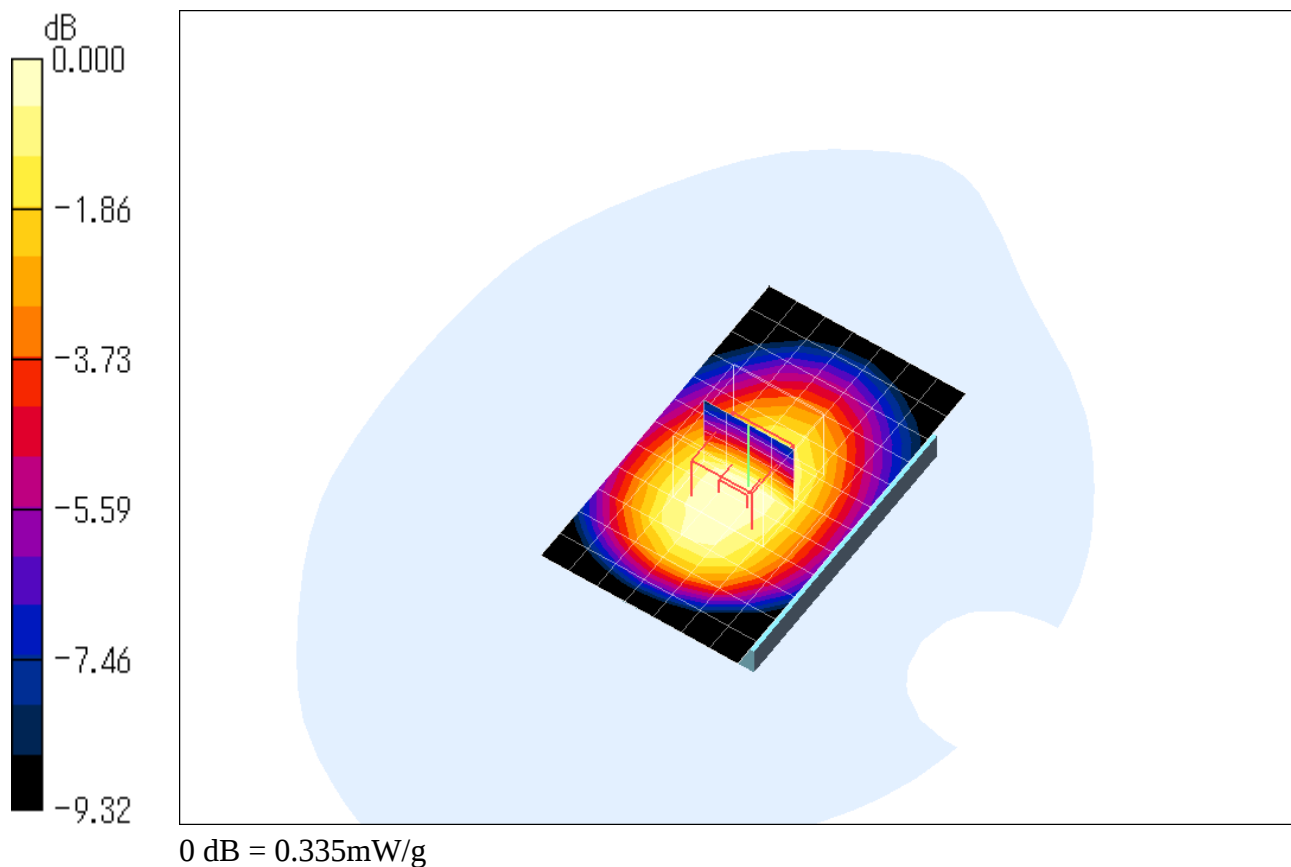
Body-worn/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.335 mW/g

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

Reference Value = 19.0 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.228 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn 384ch (836.52MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

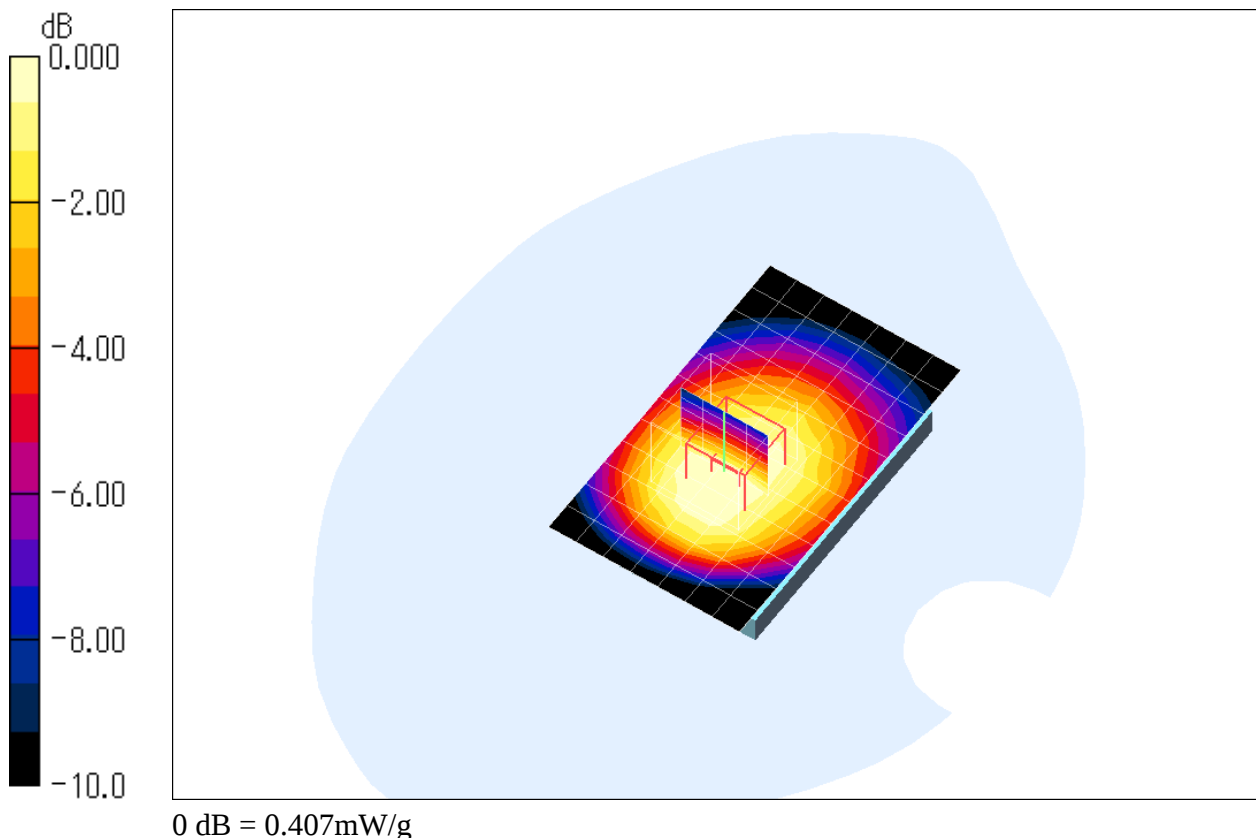
Medium: M900 Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 54.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.22, 6.22, 6.22); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn/Area Scan (8x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.404 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 = 21.5 V/m ; Power Drift = -0.032 dB Peak SAR (extrapolated) = 0.529 W/kg **SAR(1 g) = 0.386 mW/g ; SAR(10 g) = 0.279 mW/g** Maximum value of SAR (measured) = 0.407 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn 779ch (848.37MHz)**DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730**

Communication System: CDMA2000 Cellular; Frequency: 848.37 MHz; Duty Cycle: 1:1

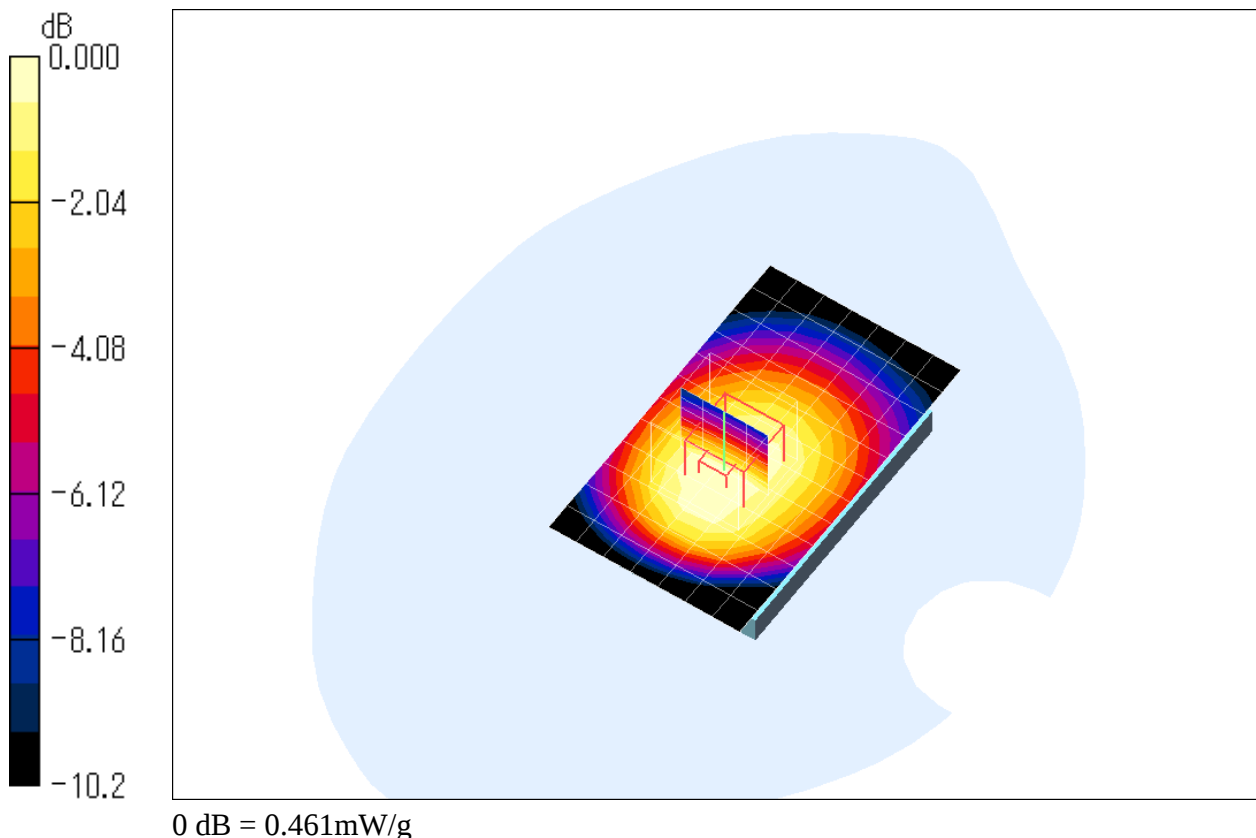
Medium: M900 Medium parameters used: $f = 848.37 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 54.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.22, 6.22, 6.22); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn/Area Scan (8x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.457 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 = 22.6 V/m ; Power Drift = 0.010 dB Peak SAR (extrapolated) = 0.591 W/kg **SAR(1 g) = 0.436 mW/g ; SAR(10 g) = 0.314 mW/g** Maximum value of SAR (measured) = 0.461 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn 779ch (848.37MHz)

DUT: Cellular Phone; Type: CDMA SHY01; Serial: SSHCJ001730

Communication System: CDMA2000 Cellular; Frequency: 848.37 MHz; Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 848.37 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 54.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.22, 6.22, 6.22); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn/Z Scan (1x1x45): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=2.5\text{mm}$

Maximum value of SAR (measured) = 0.462 mW/g

