

APPENDIX

Exhibit 2

SAR Test Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_low_touch.da4](#)

Cheek/Touch 0512ch (1850.20MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409$ mho/m, $\epsilon_r = 38.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.56 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.579 mW/g

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

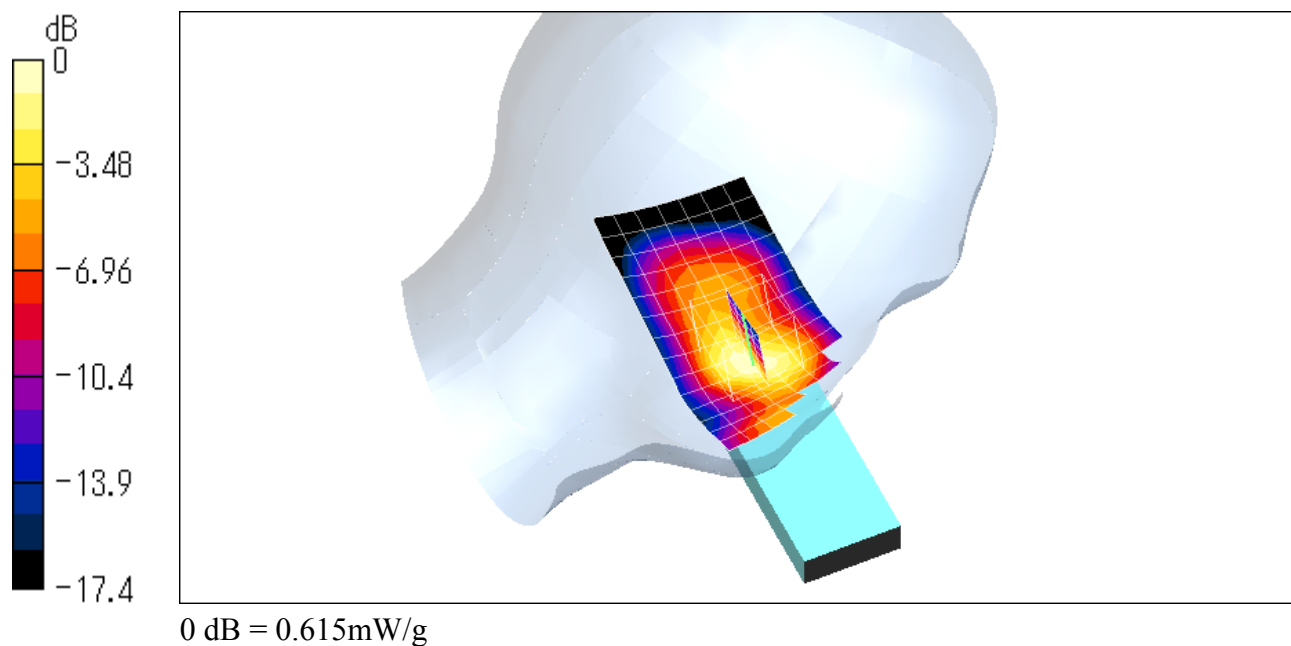
Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.54 mW/g; SAR(10 g) = 0.285 mW/g

Reference Value = 6.56 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.615 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_middle_touch.da4](#)

Cheek/Touch 0661ch (1880.00MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409$ mho/m, $\epsilon_r = 38.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.65 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.684 mW/g

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

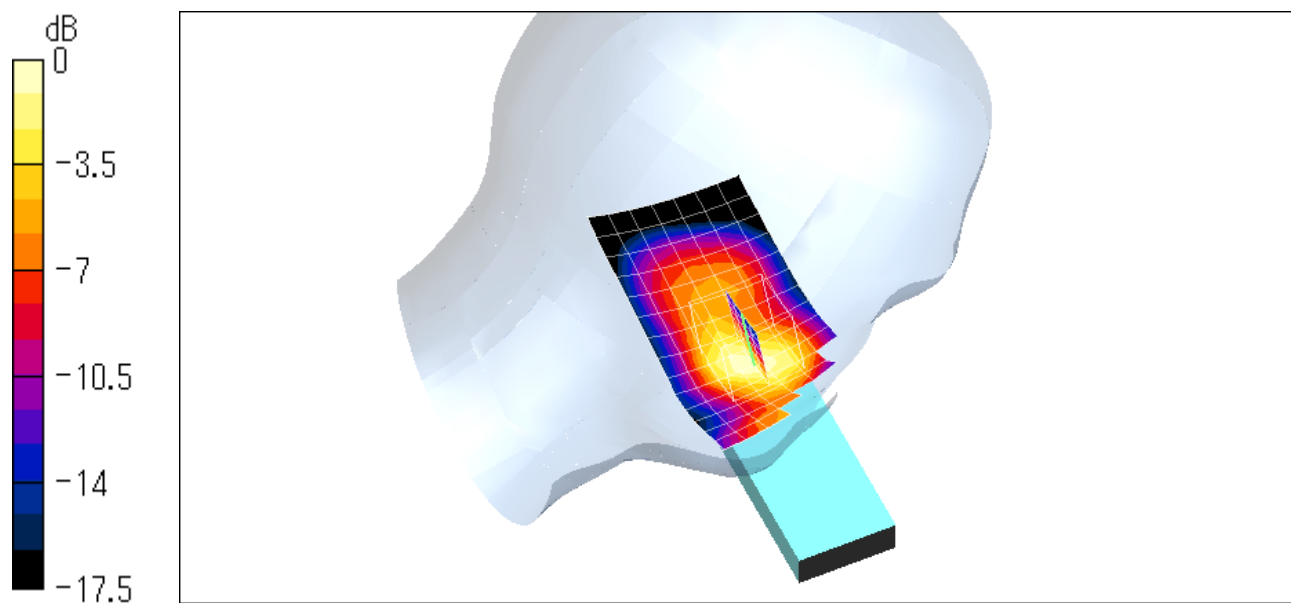
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.328 mW/g

Reference Value = 6.65 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.706 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_high_touch.da4](#)

Cheek/Touch 0810ch (1909.80MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409$ mho/m, $\epsilon_r = 38.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.58 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.593 mW/g

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

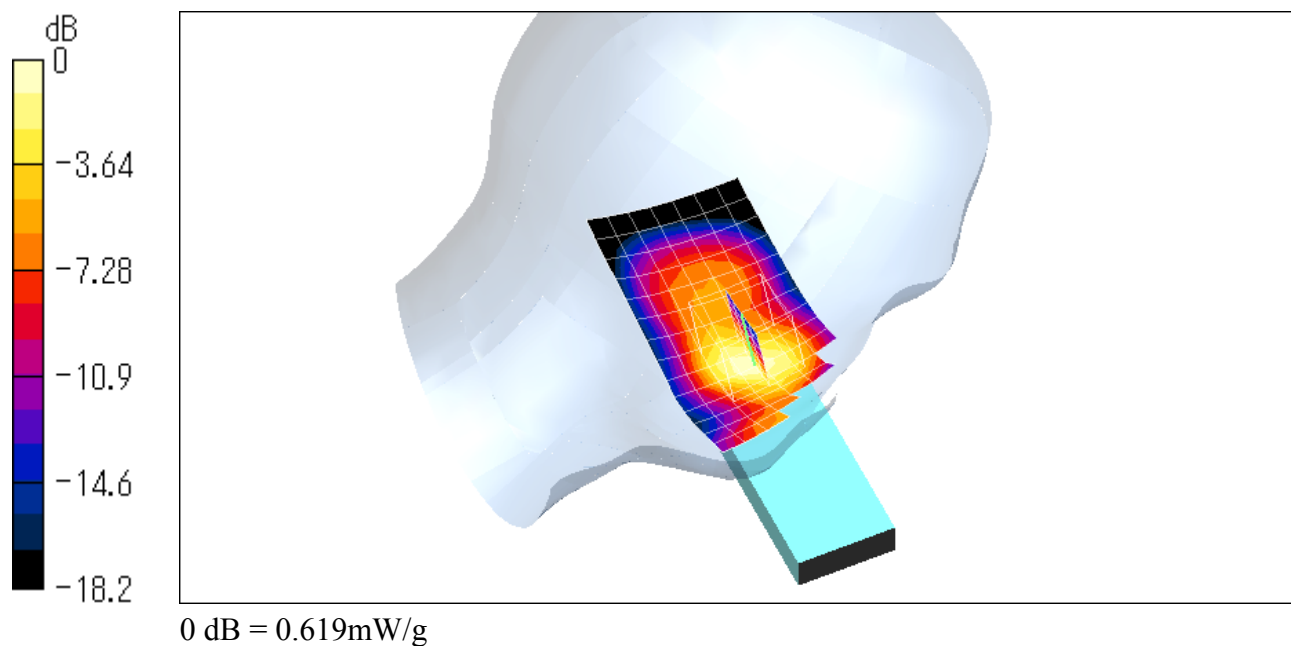
Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.288 mW/g

Reference Value = 6.58 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.619 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_low_tilt.da4](#)

Ear/Tilt 0512ch (1850.20MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409$ mho/m, $\epsilon_r = 38.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ear/Tilt Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.31 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.162 mW/g

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

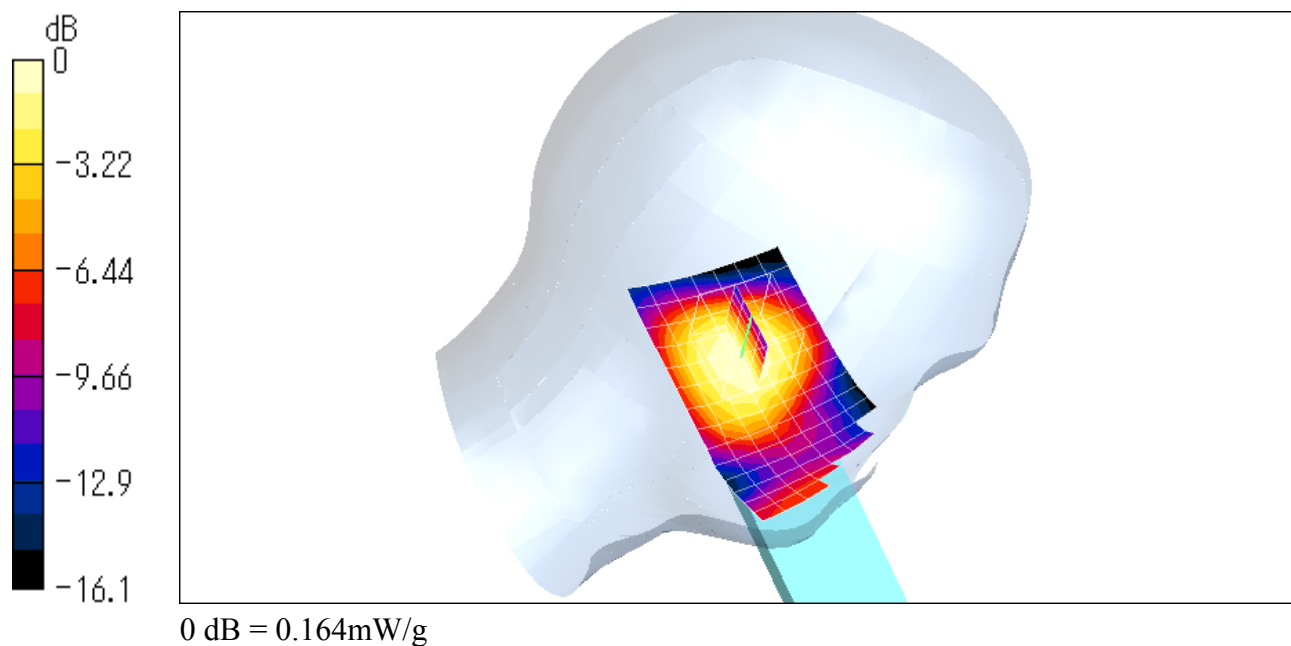
Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.0996 mW/g

Reference Value = 7.31 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.164 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_middle_tilt.da4](#)

Ear/Tilt 0661ch (1880.00MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409 \text{ mho/m}$, $\epsilon_r = 38.2$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ear/Tilt Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.98 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.183 mW/g

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

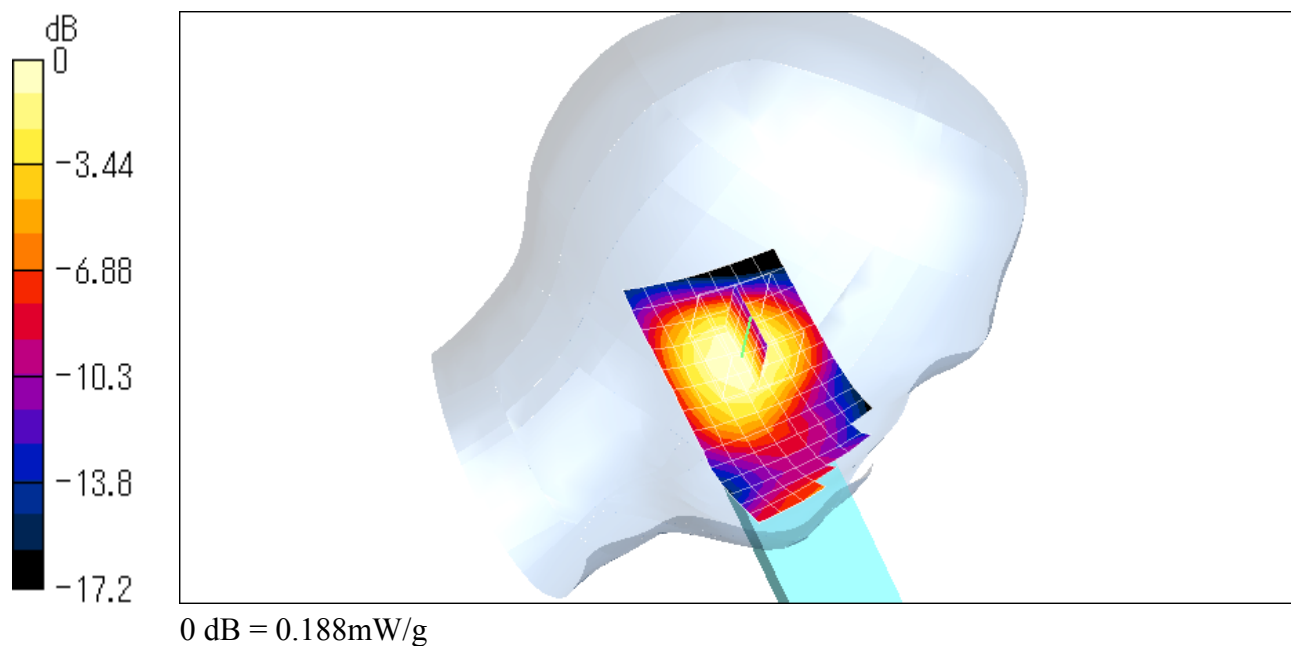
Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.113 mW/g

Reference Value = 7.98 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.188 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_high_tilt.da4](#)

Ear/Tilt 0810ch (1909.80MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409$ mho/m, $\epsilon_r = 38.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ear/Tilt Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 7.64 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.165 mW/g

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

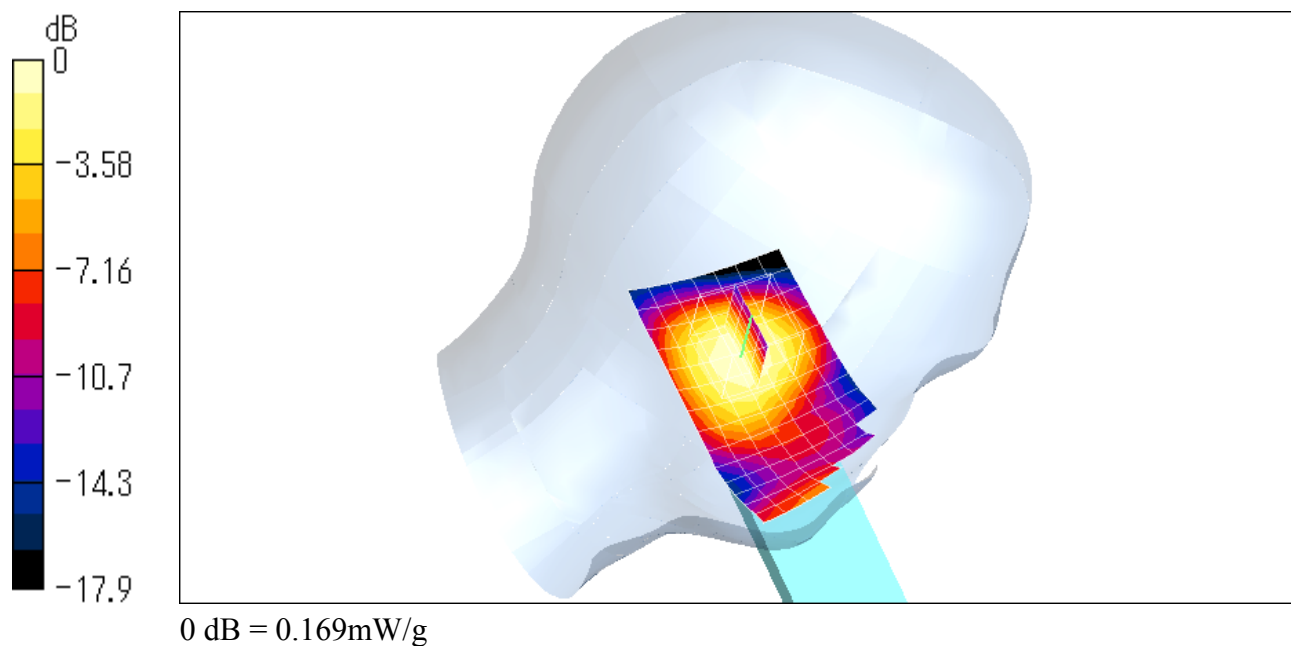
Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.16 mW/g; SAR(10 g) = 0.0997 mW/g

Reference Value = 7.64 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.169 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_middle_touch_BTlow.da4](#)

Cheek/Touch 0661ch (1880.00MHz) with Bluetooth 2402MHz

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409 \text{ mho/m}$, $\epsilon_r = 38.2$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.54 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.638 mW/g

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

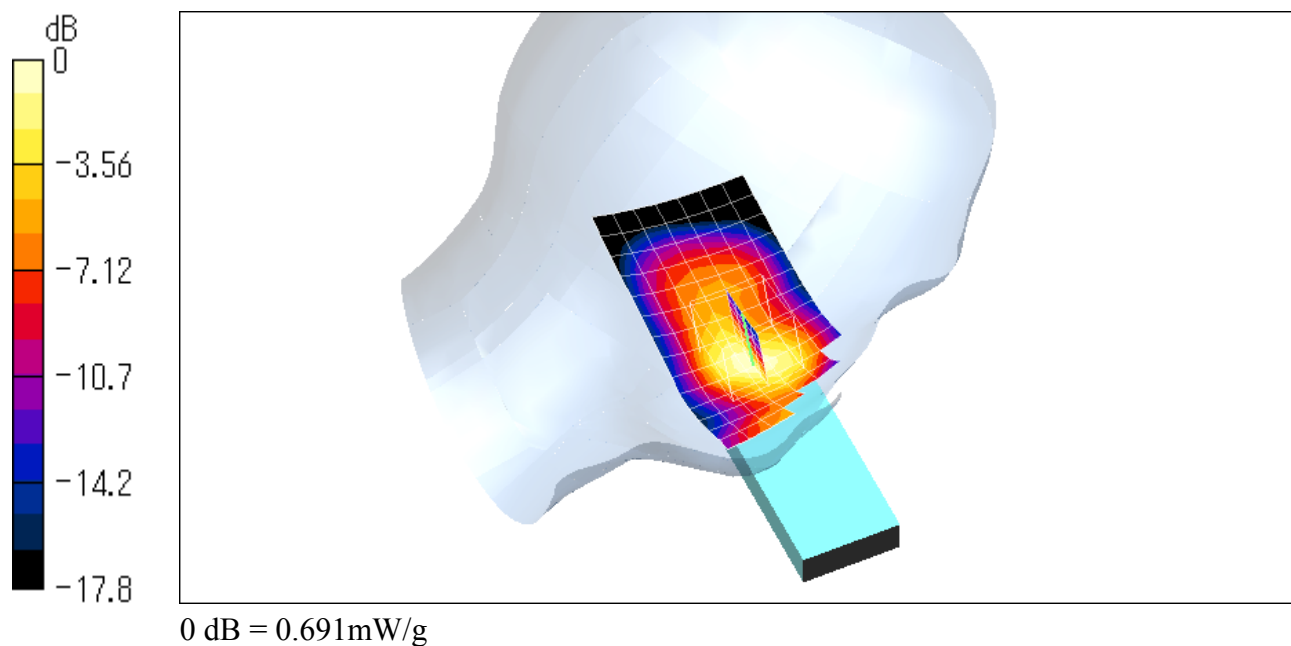
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.323 mW/g

Reference Value = 6.54 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.691 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_middle_touch_BTmiddle.da4](#)

Cheek/Touch 0661ch (1880.00MHz) with Bluetooth 2441MHz

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409 \text{ mho/m}$, $\epsilon_r = 38.2$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.54 V/m

Power Drift = 0.006 dB

Maximum value of SAR = 0.667 mW/g

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

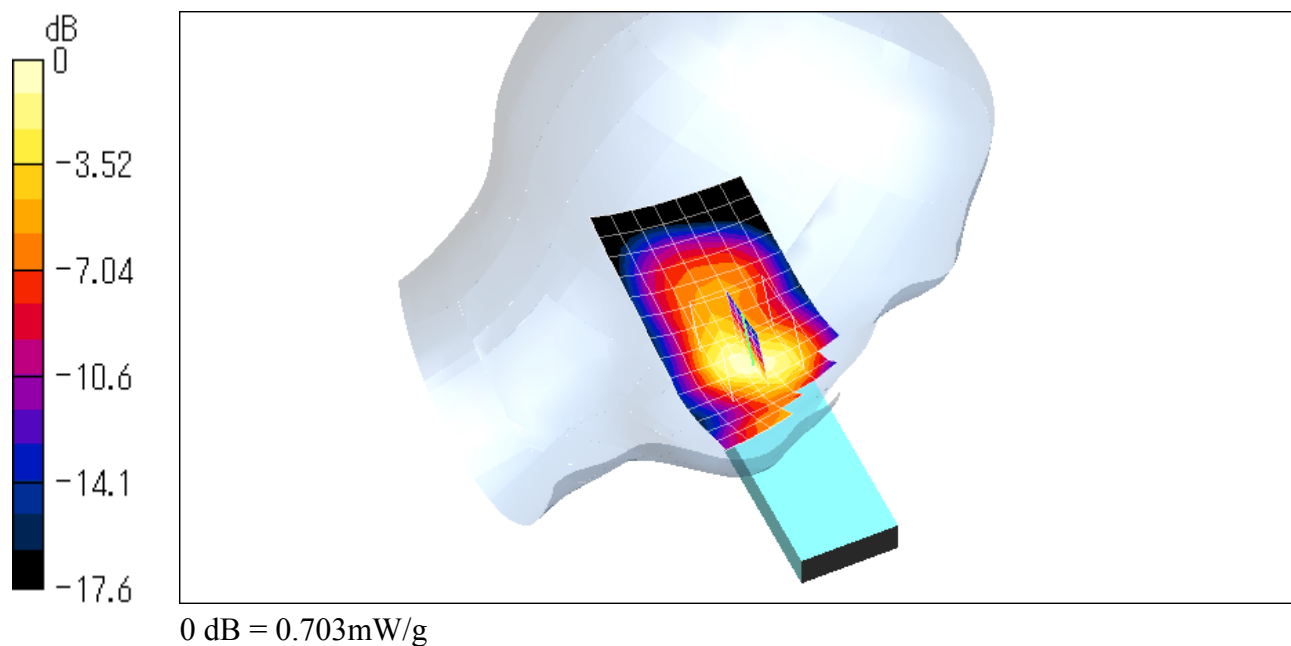
Peak SAR (extrapolated) = 1.1 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.327 mW/g

Reference Value = 6.54 V/m

Power Drift = 0.006 dB

Maximum value of SAR = 0.703 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_middle_touch_BThigh.da4](#)

Cheek/Touch 0661ch (1880.00MHz) with Bluetooth 2480MHz

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Left Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.409$ mho/m, $\epsilon_r = 38.2$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.27 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.642 mW/g

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

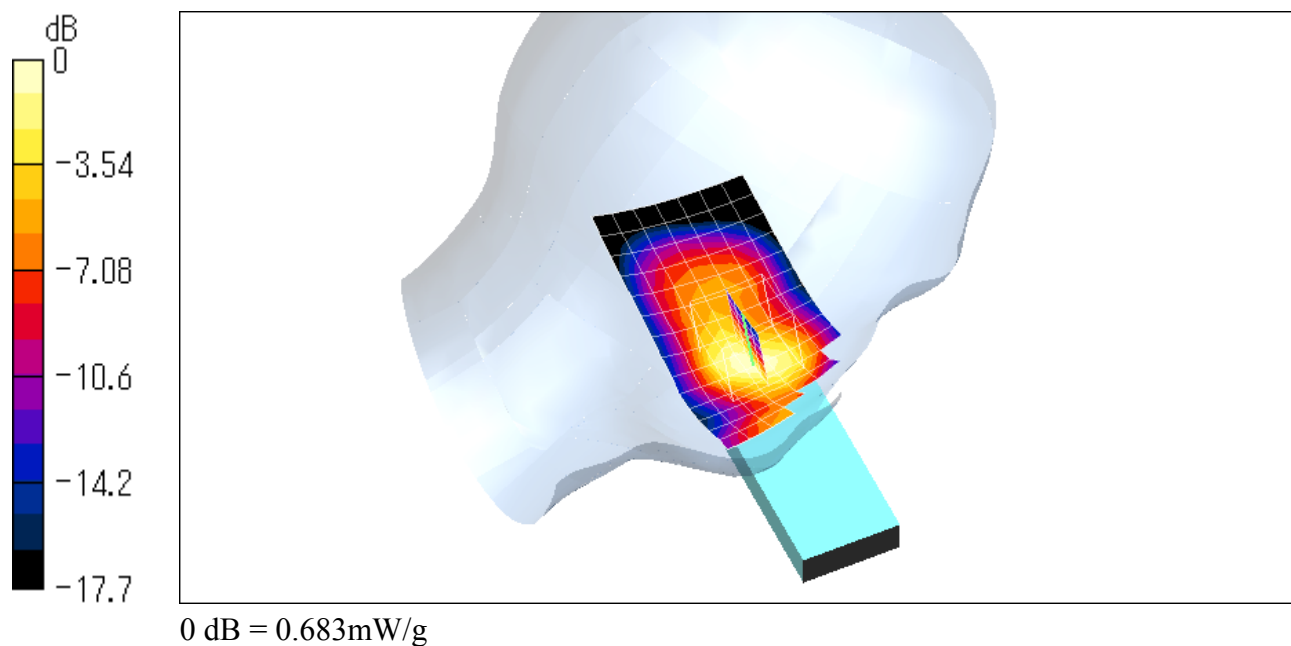
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.323 mW/g

Reference Value = 6.27 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.683 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_low_touch.da4](#)

Cheek/Touch 0512ch (1850.20MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Right Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.432 \text{ mho/m}$, $\epsilon_r = 38.14$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.28 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.524 mW/g

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

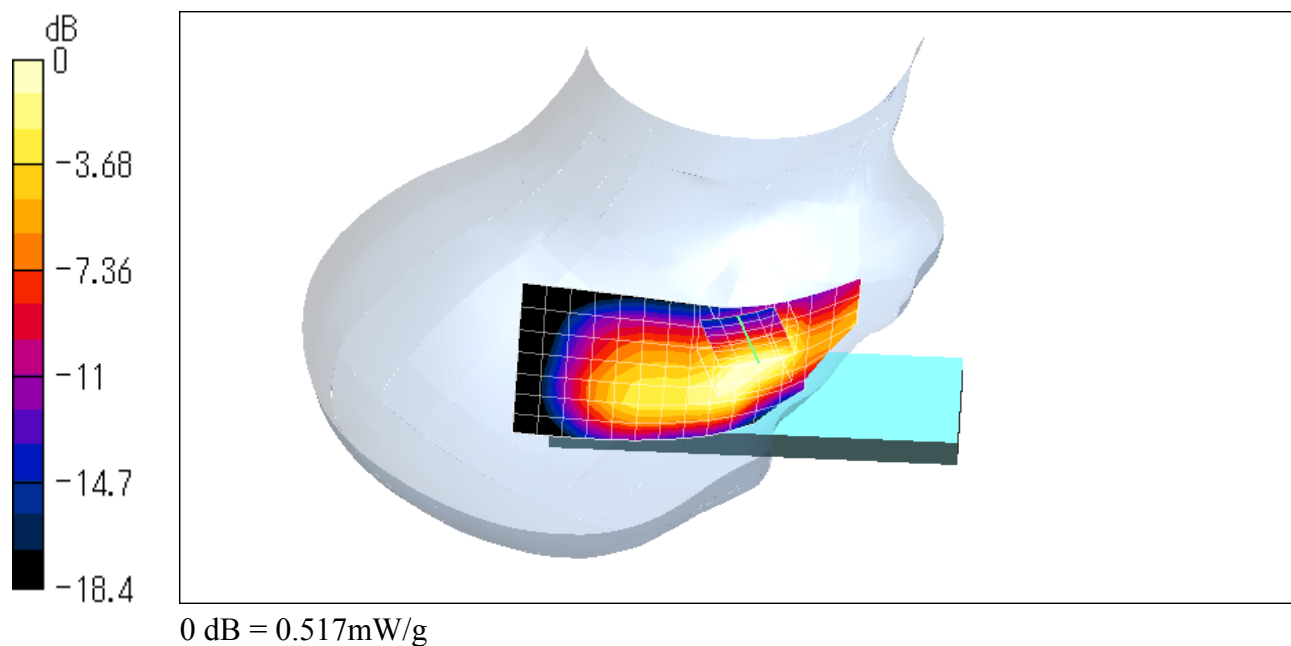
Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.252 mW/g

Reference Value = 5.28 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.517 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_middle_touch.da4](#)

Cheek/Touch 0661ch (1880.00MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Right Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.432 \text{ mho/m}$, $\epsilon_r = 38.14$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.67 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.652 mW/g

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

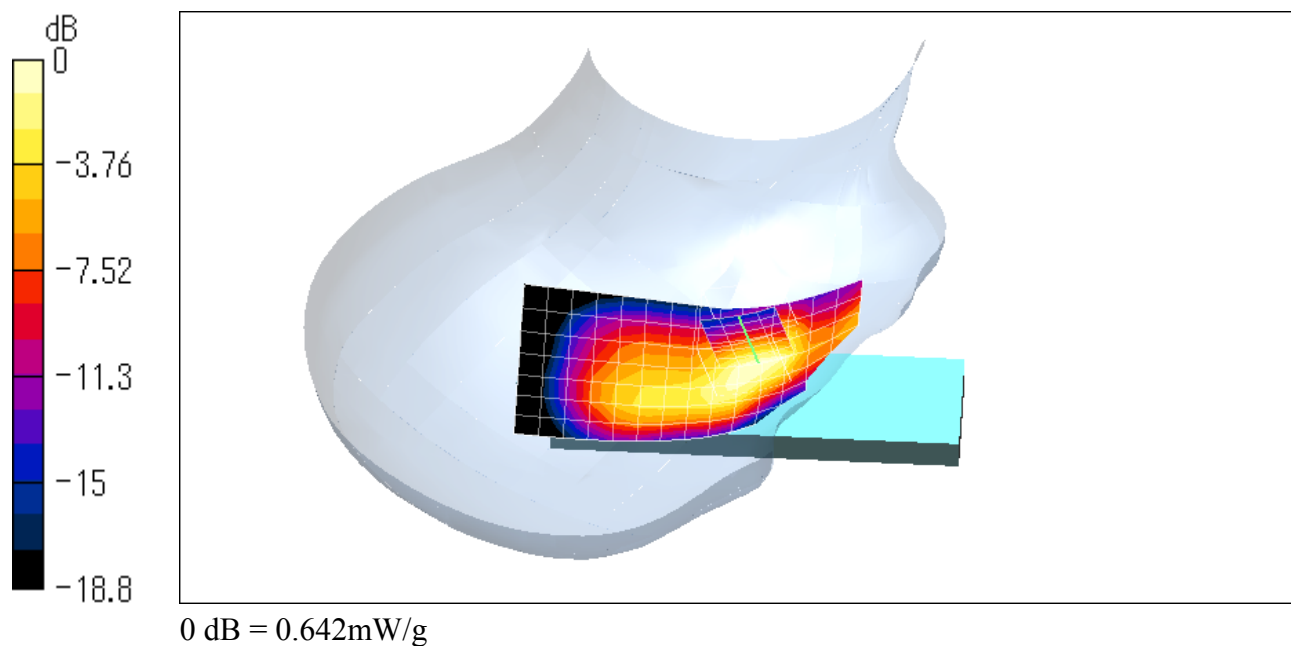
Peak SAR (extrapolated) = 1.1 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.308 mW/g

Reference Value = 5.67 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.642 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_high_touch.da4](#)

Cheek/Touch 0810ch (1909.80MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Right Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.432 \text{ mho/m}$, $\epsilon_r = 38.14$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Cheek/Touch Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.19 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.608 mW/g

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

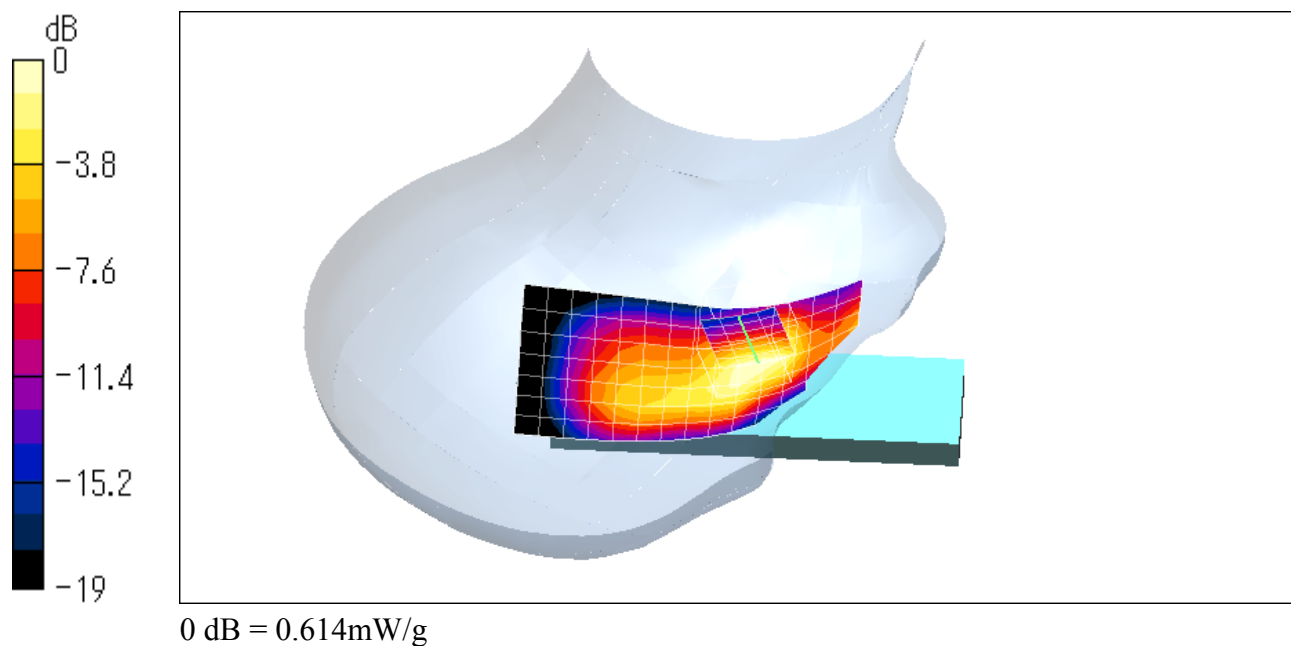
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.293 mW/g

Reference Value = 5.19 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.614 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_low_tilt.da4](#)

Ear/Tilt 0512ch (1850.20MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Right Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.432 \text{ mho/m}$, $\epsilon_r = 38.14$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ear/Tilt Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.99 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.161 mW/g

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

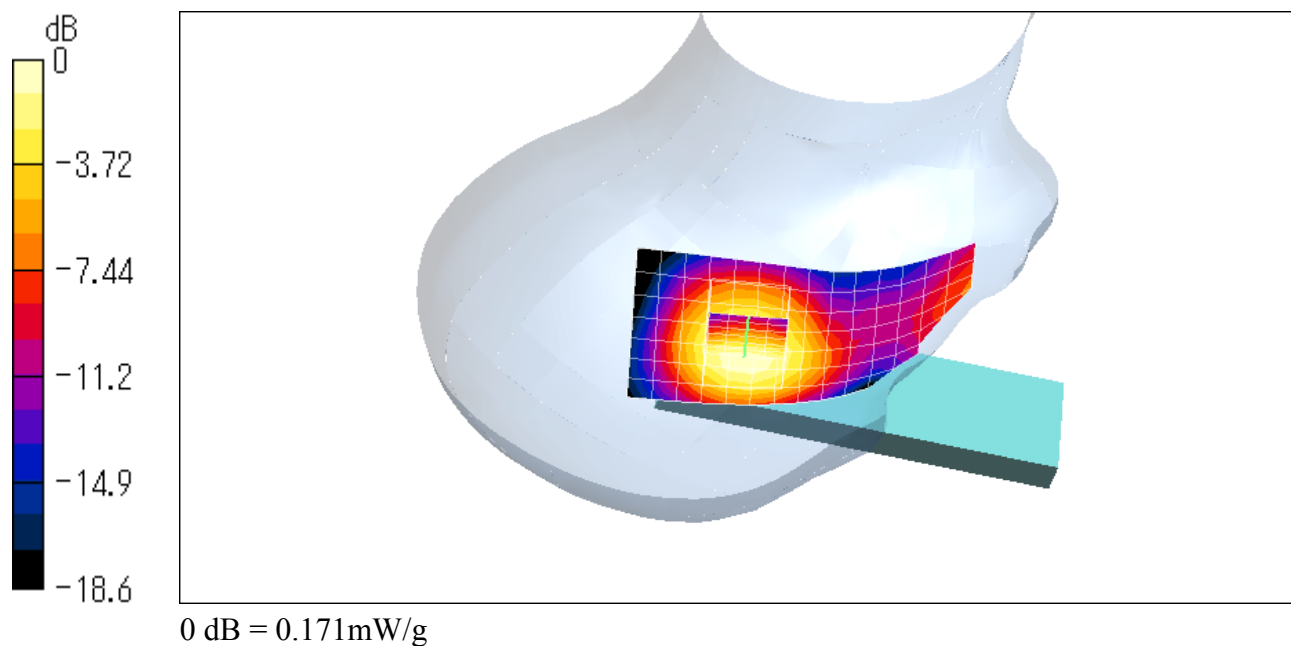
Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.0964 mW/g

Reference Value = 5.99 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.171 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_middle_tilt.da4](#)

Ear/Tilt 0661ch (1880.00MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Right Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.432 \text{ mho/m}$, $\epsilon_r = 38.14$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ear/Tilt Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.74 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.198 mW/g

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

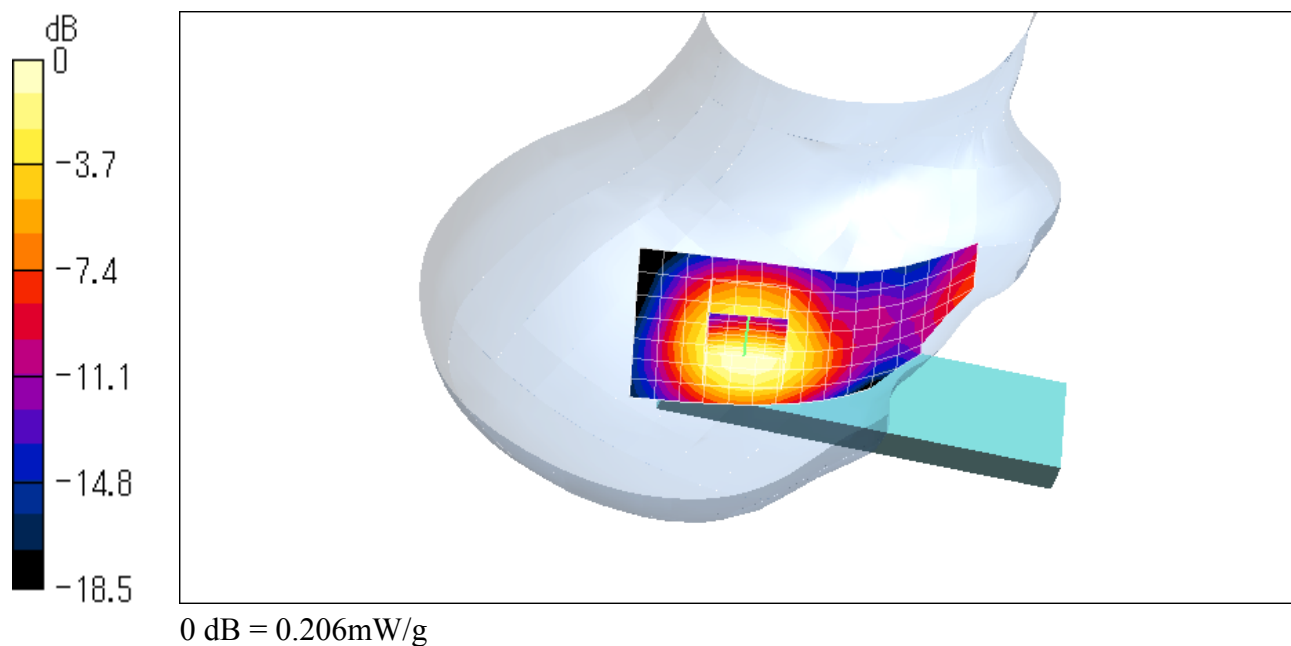
Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.117 mW/g

Reference Value = 6.74 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.206 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_high_tilt.da4](#)

Ear/Tilt 0810ch (1909.80MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257

Program: Right Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.2

Medium: HSL1900 ($\sigma = 1.432 \text{ mho/m}$, $\epsilon_r = 38.14$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5.15, 5.15, 5.15); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Ear/Tilt Position/Area Scan (15x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.19 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.161 mW/g

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

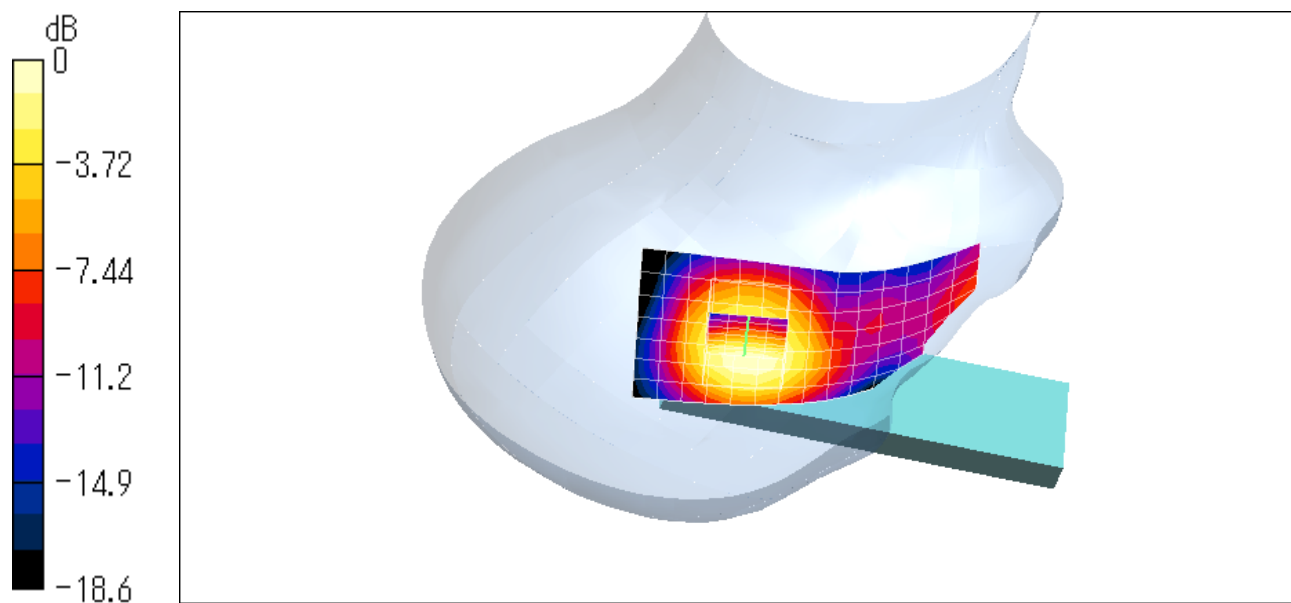
Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.0954 mW/g

Reference Value = 6.19 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.168 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_low.da4](#)

Body-worn 0512ch (1850.20MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.2

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 8.11 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.135 mW/g

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

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.0829 mW/g

Reference Value = 8.11 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.138 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

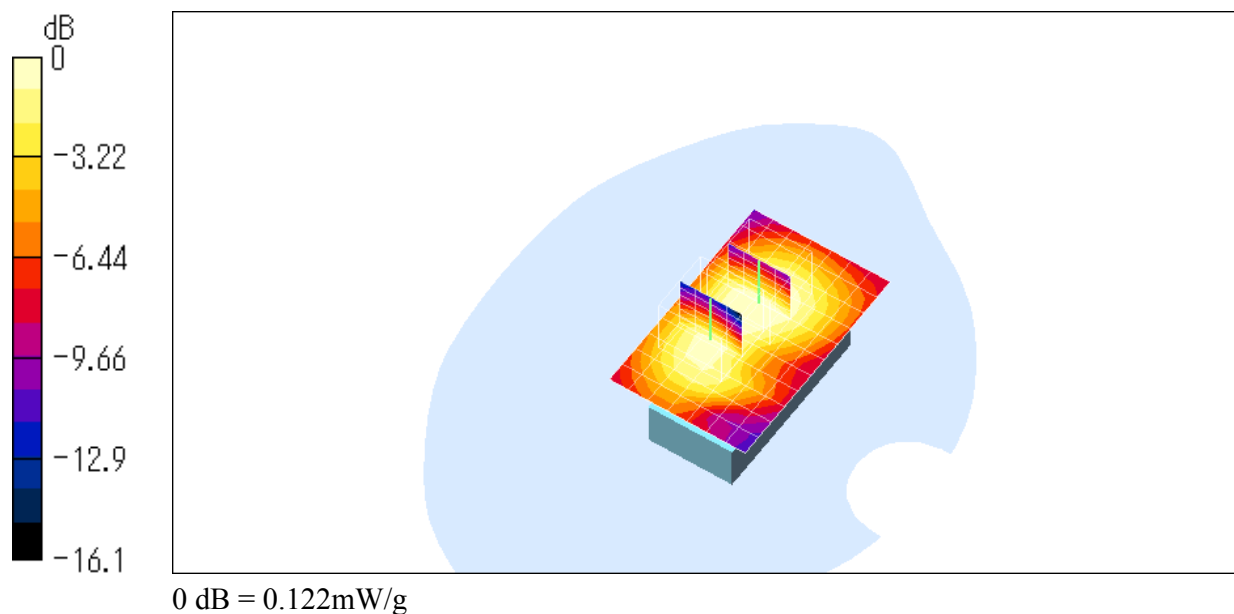
Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.11 mW/g; SAR(10 g) = 0.0688 mW/g

Reference Value = 8.11 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.122 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_middle.da4](#)

Body-worn 0661ch (1880.00MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 9.44 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 0.155 mW/g

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

Peak SAR (extrapolated) = 0.22 W/kg

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.093 mW/g

Reference Value = 9.44 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 0.156 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

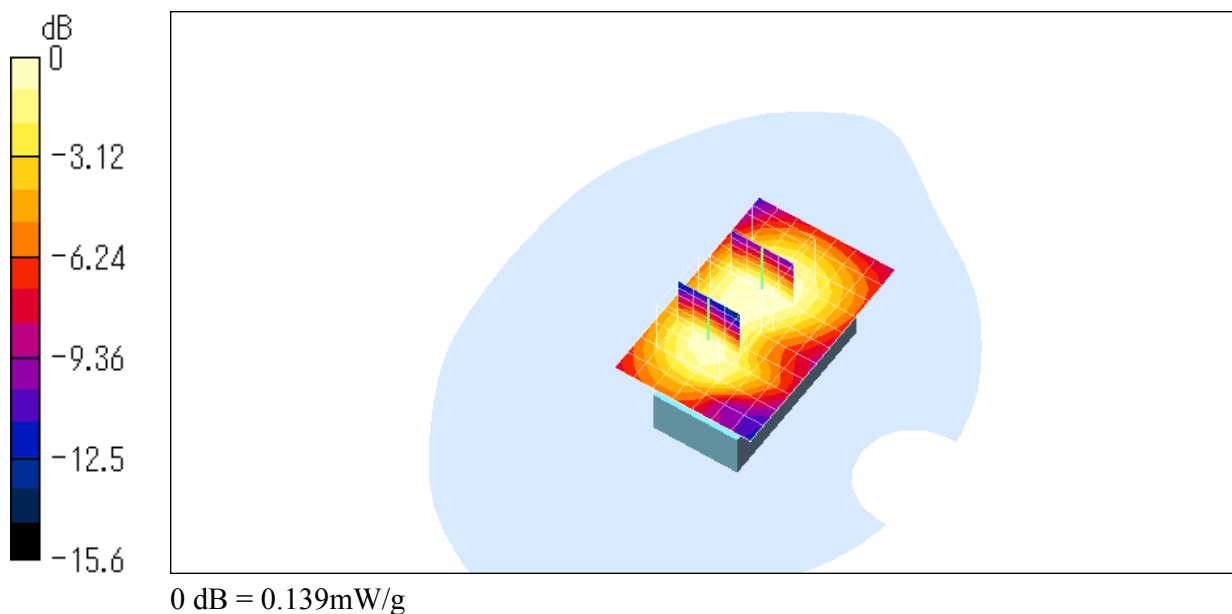
Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.0789 mW/g

Reference Value = 9.44 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 0.139 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_high.da4](#)

Body-worn 0810ch (1909.80MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.2

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 9.26 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.13 mW/g

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

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.0763 mW/g

Reference Value = 9.26 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.135 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

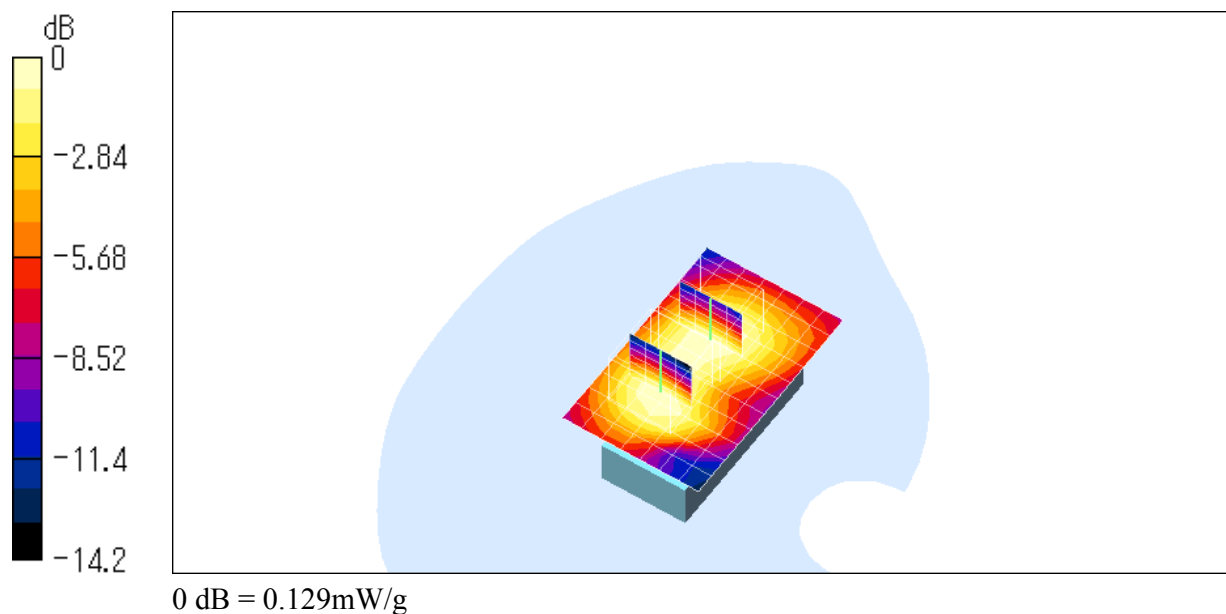
Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.077 mW/g

Reference Value = 9.26 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.129 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_middle_BTlow.da4](#)

Body-worn 0661ch (1880.00MHz) with Bluetooth 2402MHz

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 9.61 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.149 mW/g

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

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.0887 mW/g

Reference Value = 9.61 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.147 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

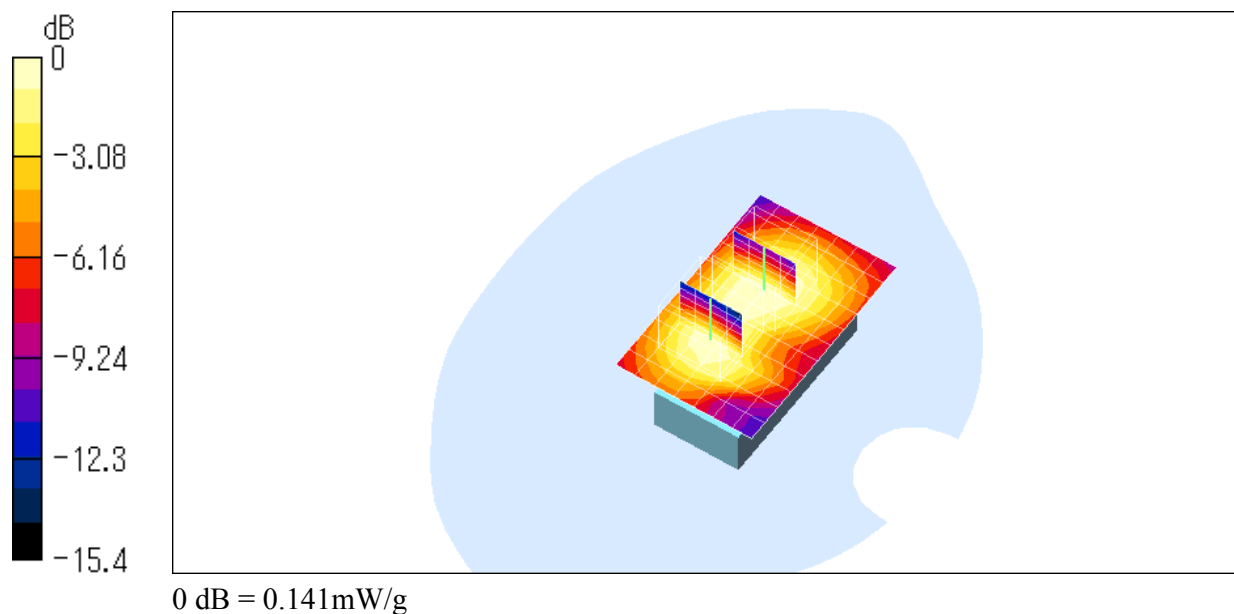
Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.0803 mW/g

Reference Value = 9.61 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.141 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_middle_BTmiddle.da4](#)

Body-worn 0661ch (1880.00MHz) with Bluetooth 2441MHz

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 9.39 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.146 mW/g

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

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.0871 mW/g

Reference Value = 9.39 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.146 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

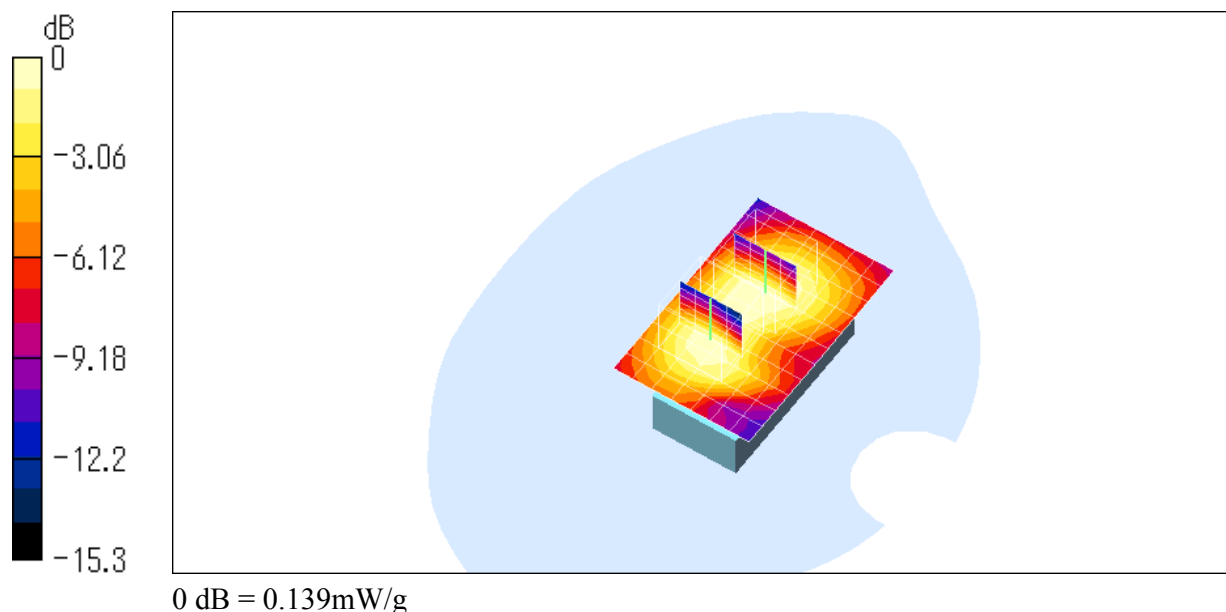
Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.13 mW/g; SAR(10 g) = 0.0796 mW/g

Reference Value = 9.39 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.139 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_middle_BThigh.da4](#)

Body-worn 0661ch (1880.00MHz) with Bluetooth 2480MHz

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.2

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 9.54 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.143 mW/g

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

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.086 mW/g

Reference Value = 9.54 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.143 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

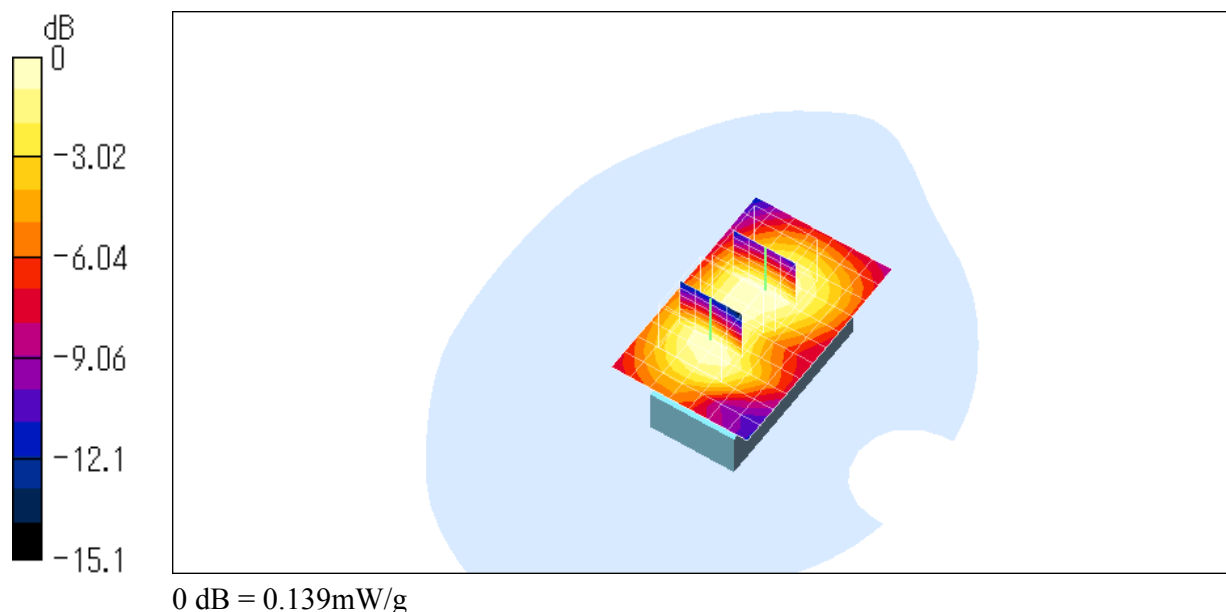
Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.13 mW/g; SAR(10 g) = 0.0796 mW/g

Reference Value = 9.54 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.139 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_low_GPRS.da4](#)

Body-worn (GPRS mode) 0512ch (1850.20MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.1

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn (GPRS mode)/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 12 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.28 mW/g

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

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.166 mW/g

Reference Value = 12 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.275 mW/g

Body-worn (GPRS mode)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

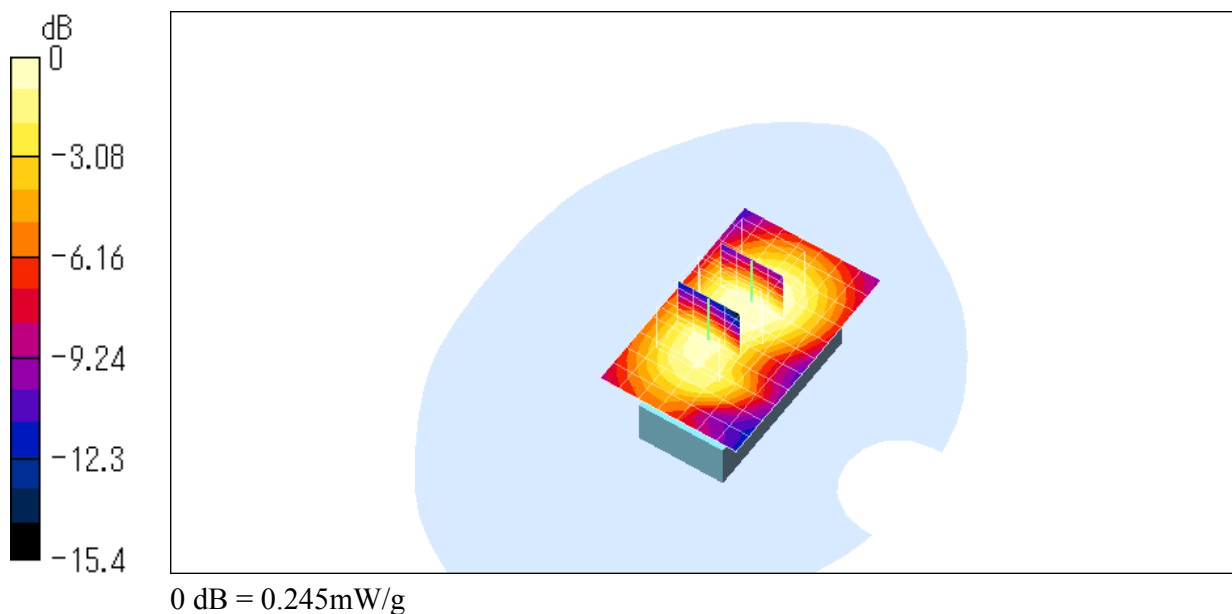
Peak SAR (extrapolated) = 0.34 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.137 mW/g

Reference Value = 12 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.245 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_middle_GPRS.da4](#)

Body-worn (GPRS mode) 0661ch (1880.00MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:4.1

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn (GPRS mode)/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 13.6 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.306 mW/g

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

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.18 mW/g

Reference Value = 13.6 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.299 mW/g

Body-worn (GPRS mode)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

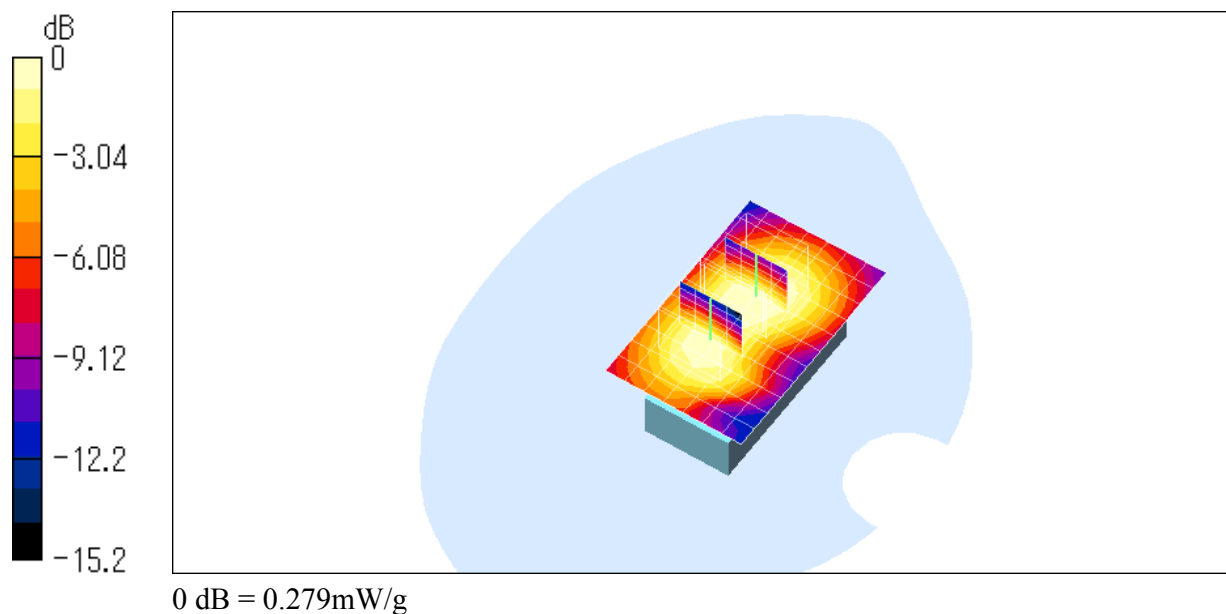
Peak SAR (extrapolated) = 0.42 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.159 mW/g

Reference Value = 13.6 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.279 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION
 File Name: [Flat_high_GPRS.da4](#)

Body-worn (GPRS mode) 0810ch (1909.80MHz)

DUT: GSM Cellular-Phone; Type: GX25; Serial: TA-257
Program: Flat

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.1

Medium: M1900 ($\sigma = 1.566$ mho/m, $\epsilon_r = 53.74$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.65, 4.65, 4.65); Calibrated: 2004/02/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2004/02/06
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body-worn (GPRS mode)/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 12.7 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.258 mW/g

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

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.143 mW/g

Reference Value = 12.7 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.255 mW/g

Body-worn (GPRS mode)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

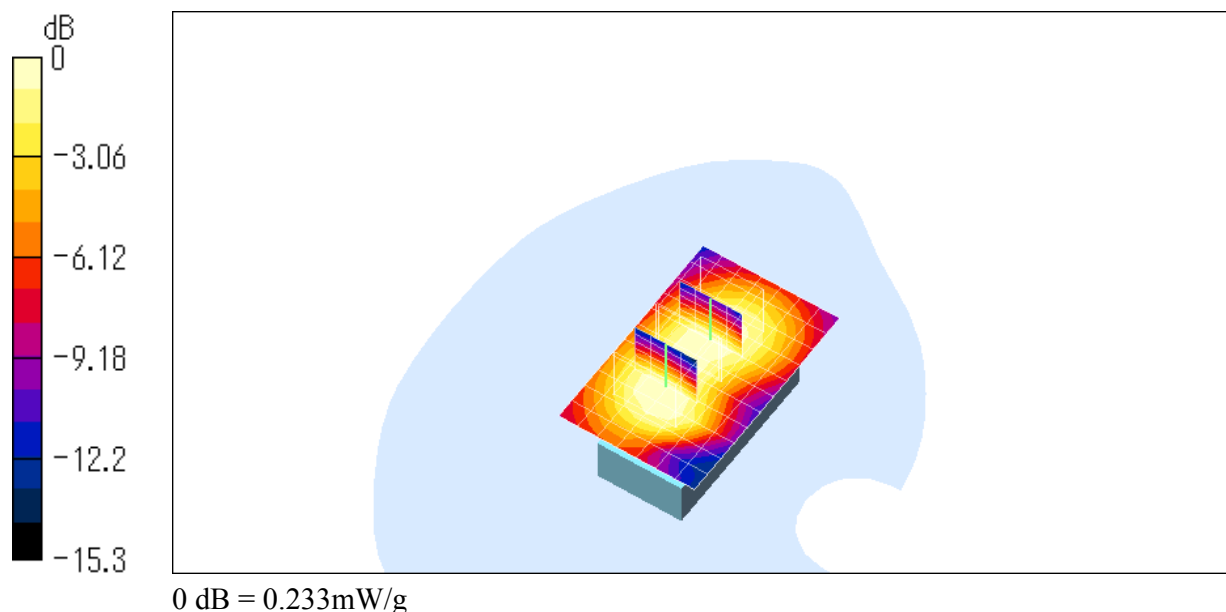
Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.139 mW/g

Reference Value = 12.7 V/m

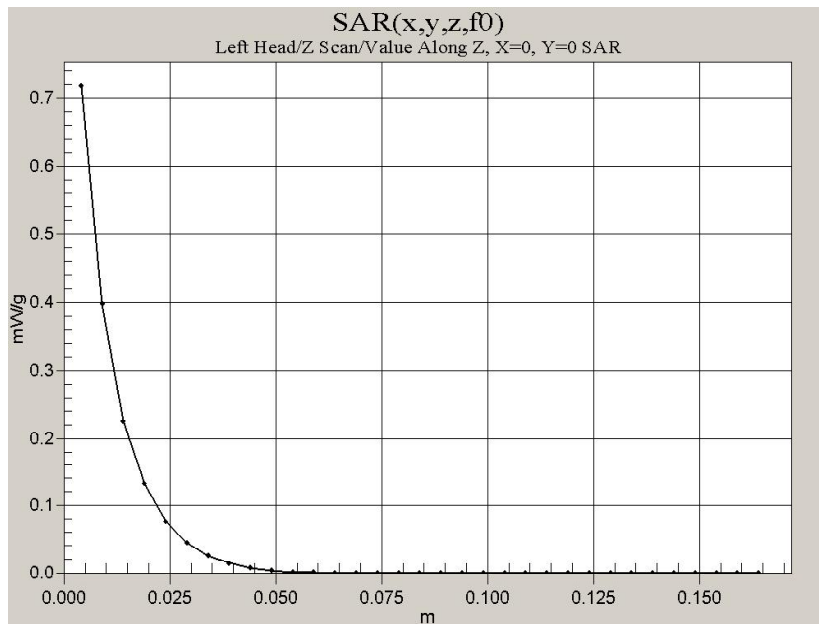
Power Drift = -0.05 dB

Maximum value of SAR = 0.233 mW/g



Z-axis Scanning Data for Worst Case

Left Head Position
Cheek/Touch 0661ch (1880.00MHz)



Flat Position
Body-worn (GPRS mode) 0661ch (1880.00MHz)

