

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-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Left Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.74 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.422 mW/g

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

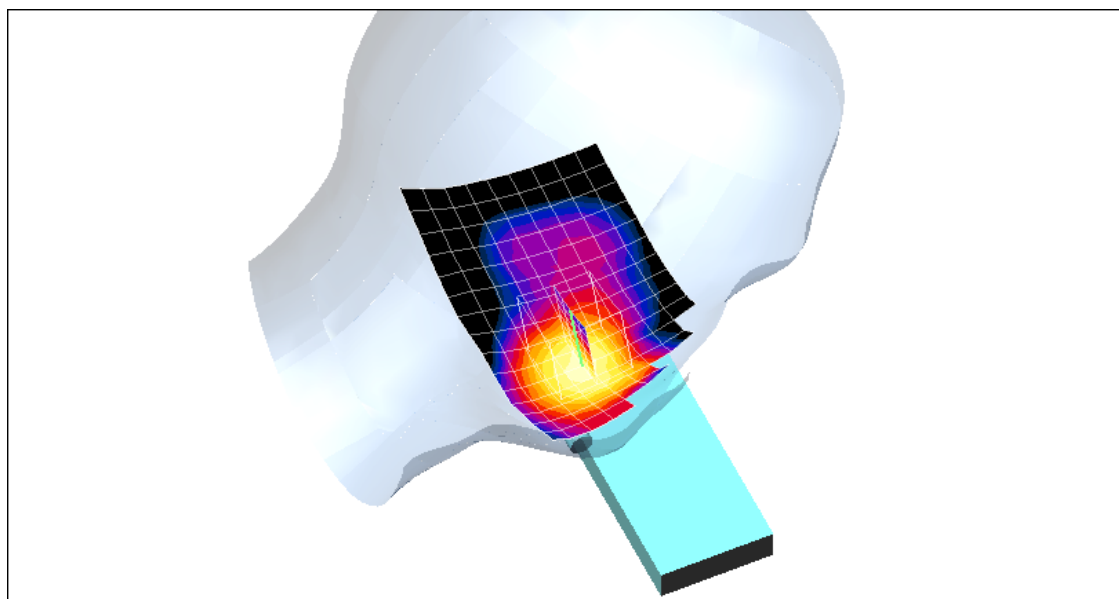
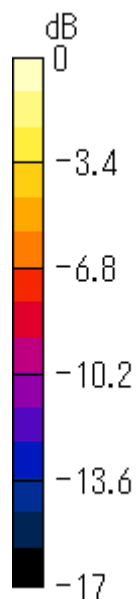
Peak SAR (extrapolated) = 0.65 W/kg

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.225 mW/g

Reference Value = 4.74 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.433 mW/g



0 dB = 0.433mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_middle_touch.da4](#)

Cheek/Touch 0661ch (1880.00MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Left Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.32 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.525 mW/g

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

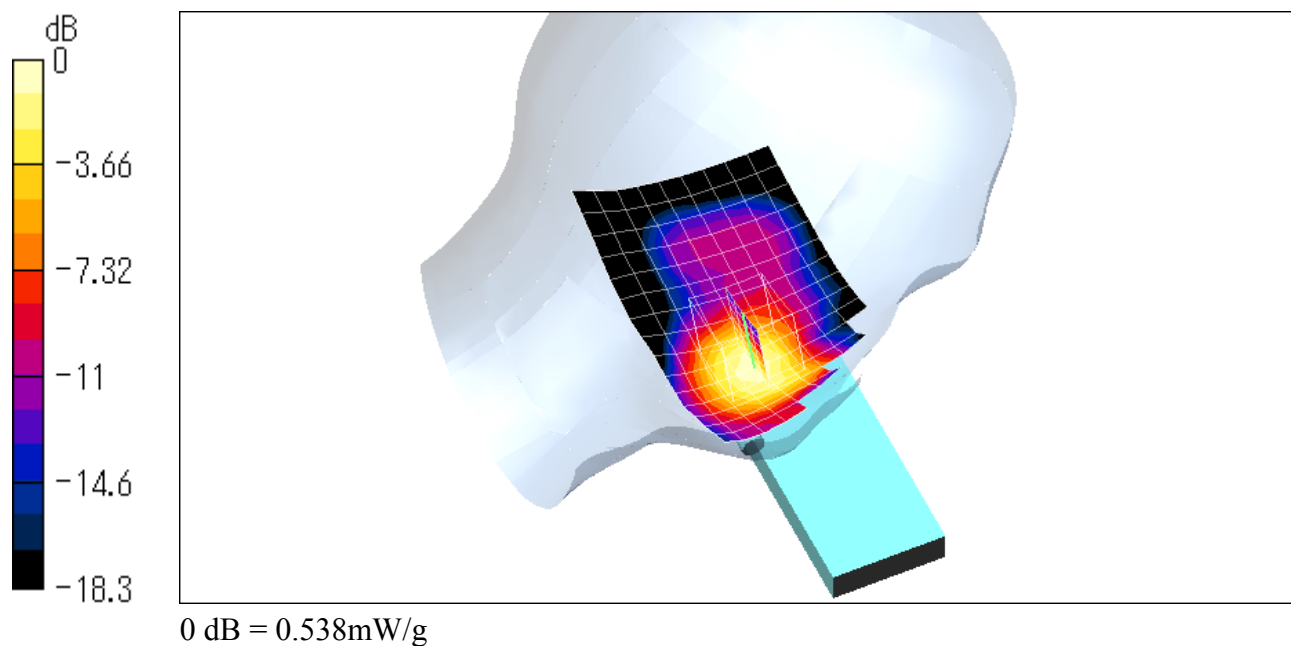
Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.273 mW/g

Reference Value = 5.32 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.538 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_high_touch.da4](#)

Cheek/Touch 0810ch (1909.80MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Left Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.12 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.523 mW/g

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

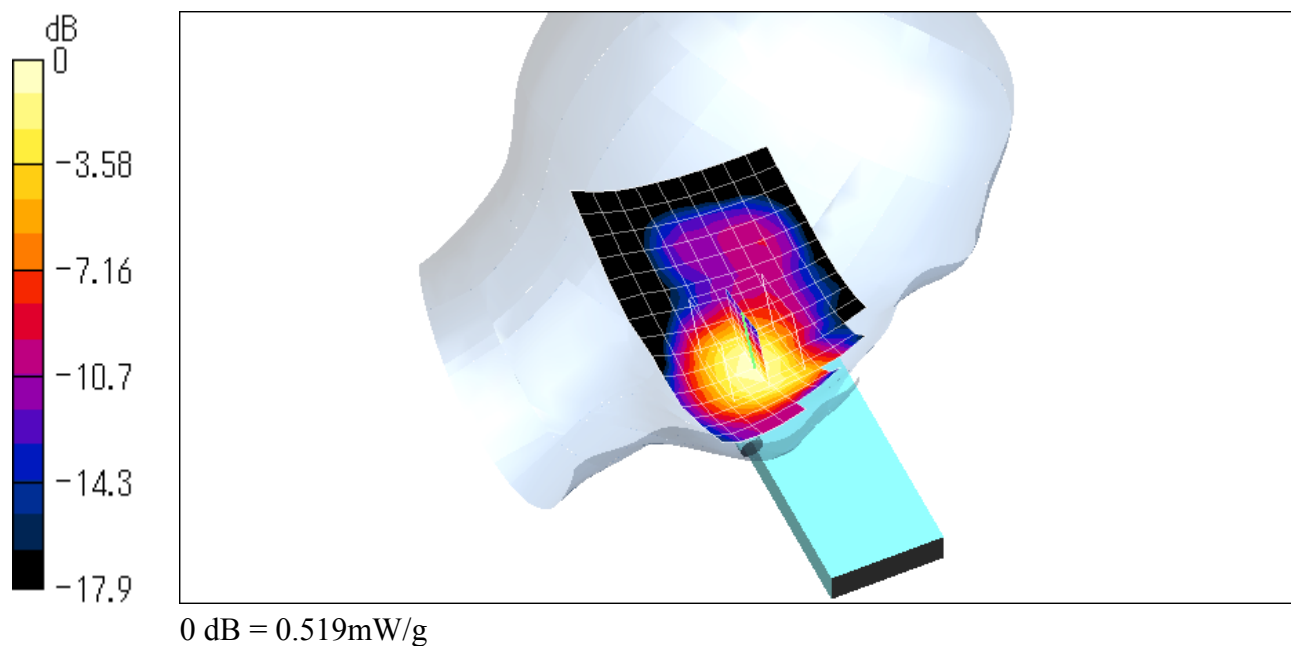
Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.259 mW/g

Reference Value = 5.12 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.519 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_low_tilt.da4](#)

Ear/Tilt 0512ch (1850.20MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Left Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 9.56 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.135 mW/g

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

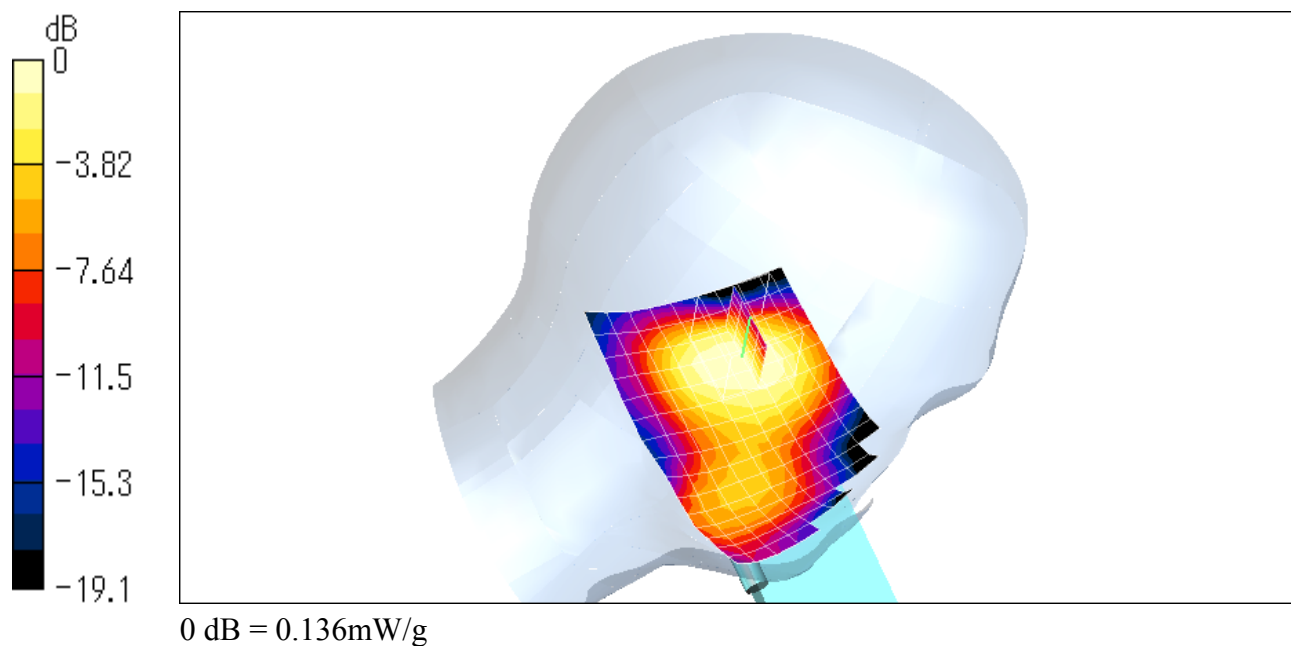
Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.13 mW/g; SAR(10 g) = 0.0837 mW/g

Reference Value = 9.56 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.136 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_middle_tilt.da4](#)

Ear/Tilt 0661ch (1880.00MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Left Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 10.1 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 0.157 mW/g

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

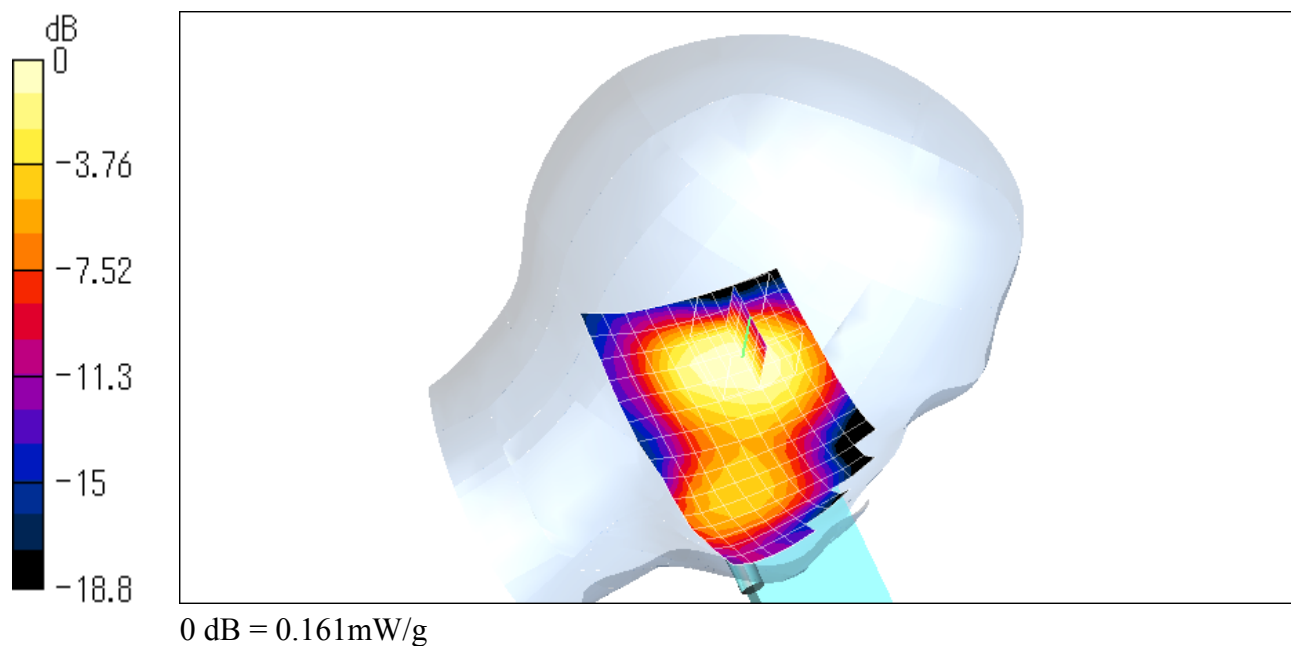
Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.0982 mW/g

Reference Value = 10.1 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 0.161 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_high_tilt.da4](#)

Ear/Tilt 0810ch (1909.80MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Left Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 9.63 V/m

Power Drift = -0.002 dB

Maximum value of SAR = 0.133 mW/g

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

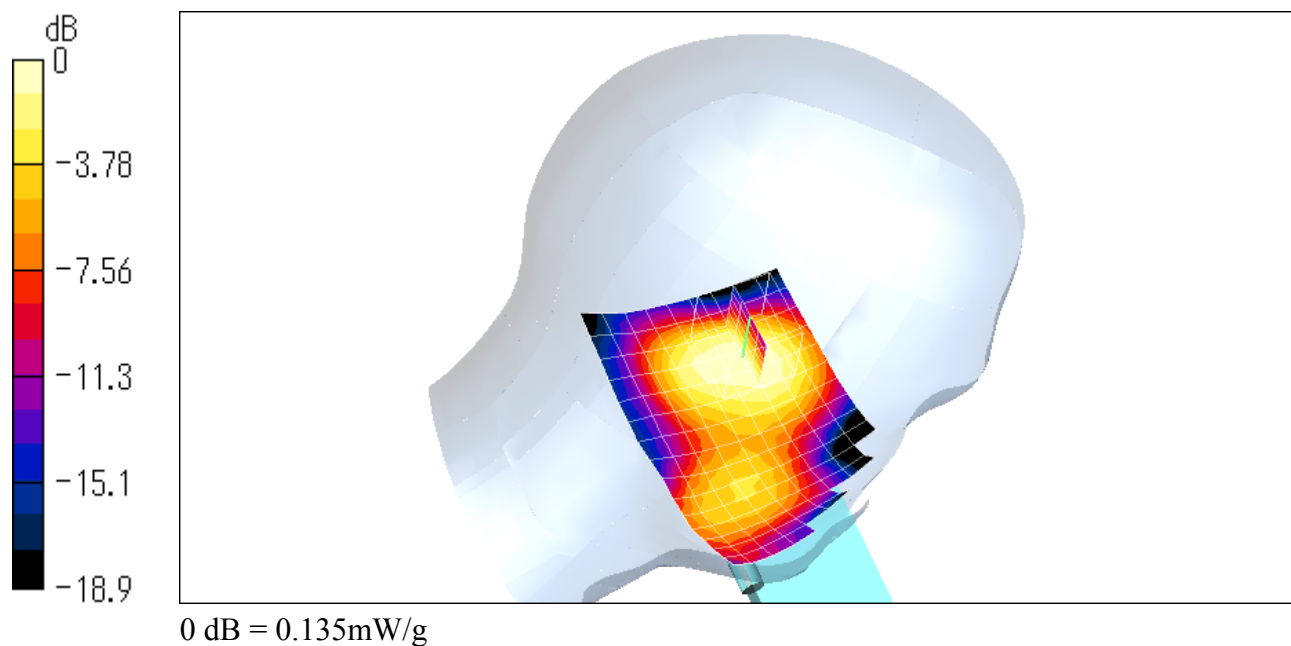
Peak SAR (extrapolated) = 0.19 W/kg

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.0808 mW/g

Reference Value = 9.63 V/m

Power Drift = -0.002 dB

Maximum value of SAR = 0.135 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_low_touch.da4](#)

Cheek/Touch 0512ch (1850.20MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Right Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.89 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.388 mW/g

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

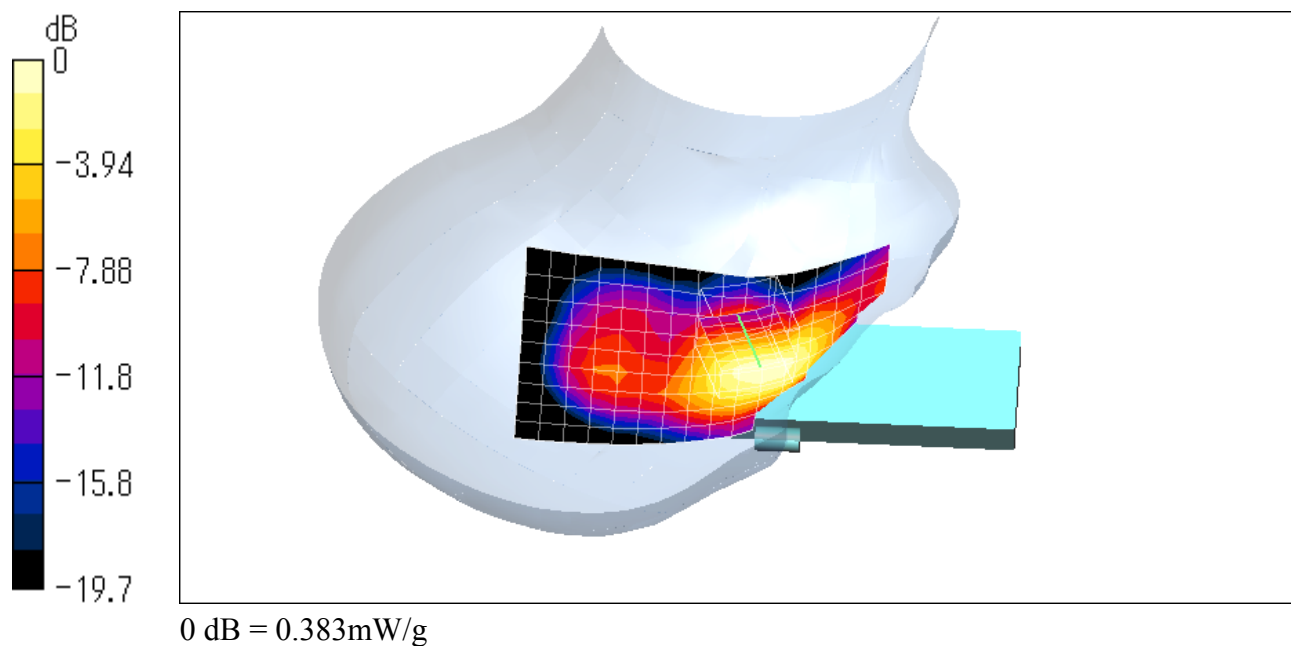
Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.21 mW/g

Reference Value = 5.89 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.383 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_middle_touch.da4](#)

Cheek/Touch 0661ch (1880.00MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Right Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.44 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.475 mW/g

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

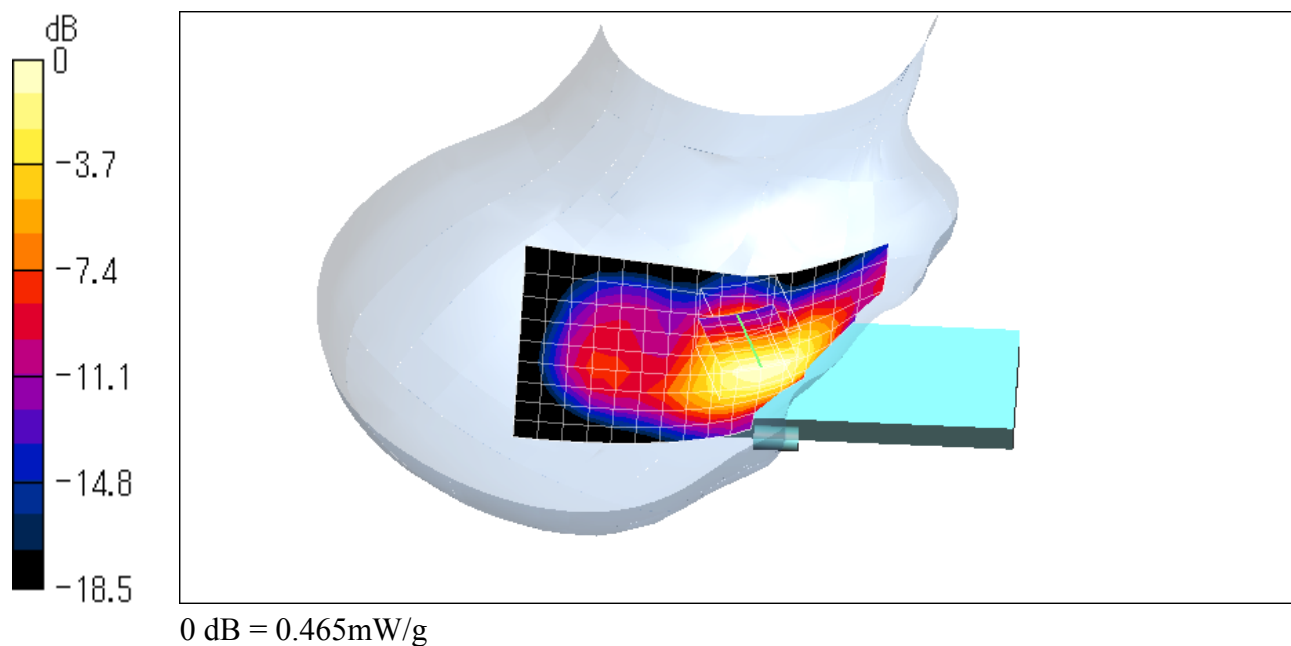
Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.249 mW/g

Reference Value = 6.44 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.465 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_high_touch.da4](#)

Cheek/Touch 0810ch (1909.80MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5
Program: Right Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 6.21 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 0.44 mW/g

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

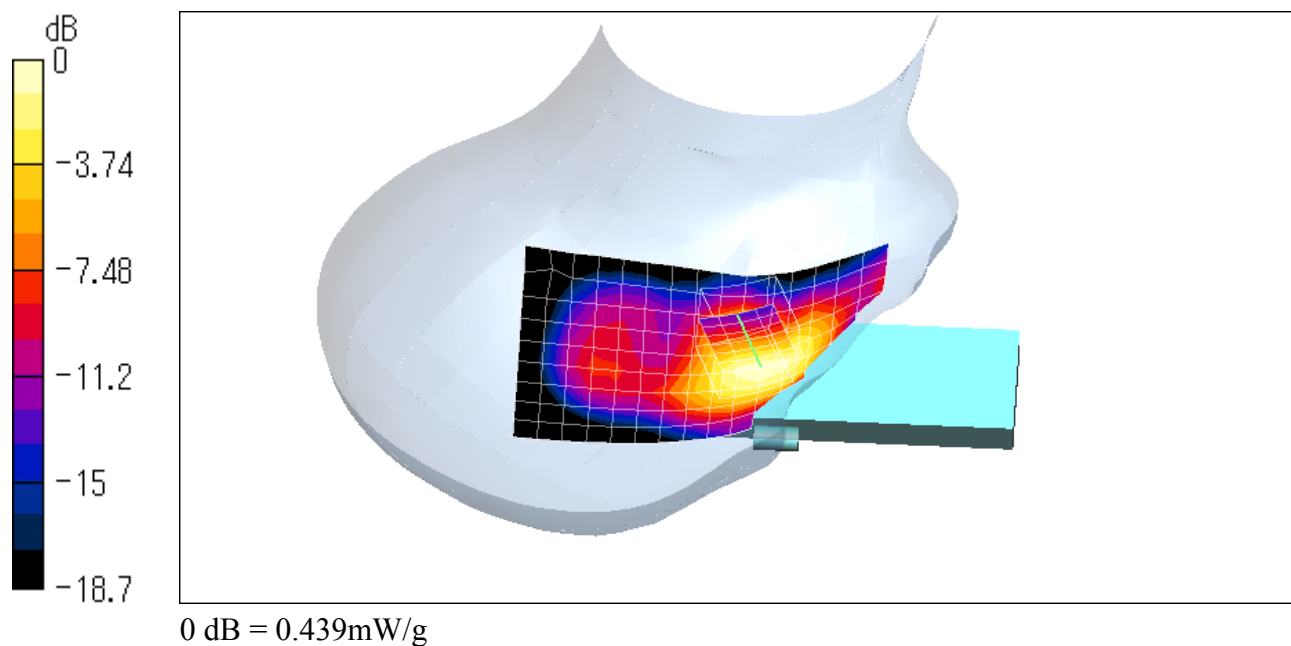
Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.23 mW/g

Reference Value = 6.21 V/m

Power Drift = -0.001 dB

Maximum value of SAR = 0.439 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_low_tilt.da4](#)

Ear/Tilt 0512ch (1850.20MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5
Program: Right Head

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 10.1 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.149 mW/g

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

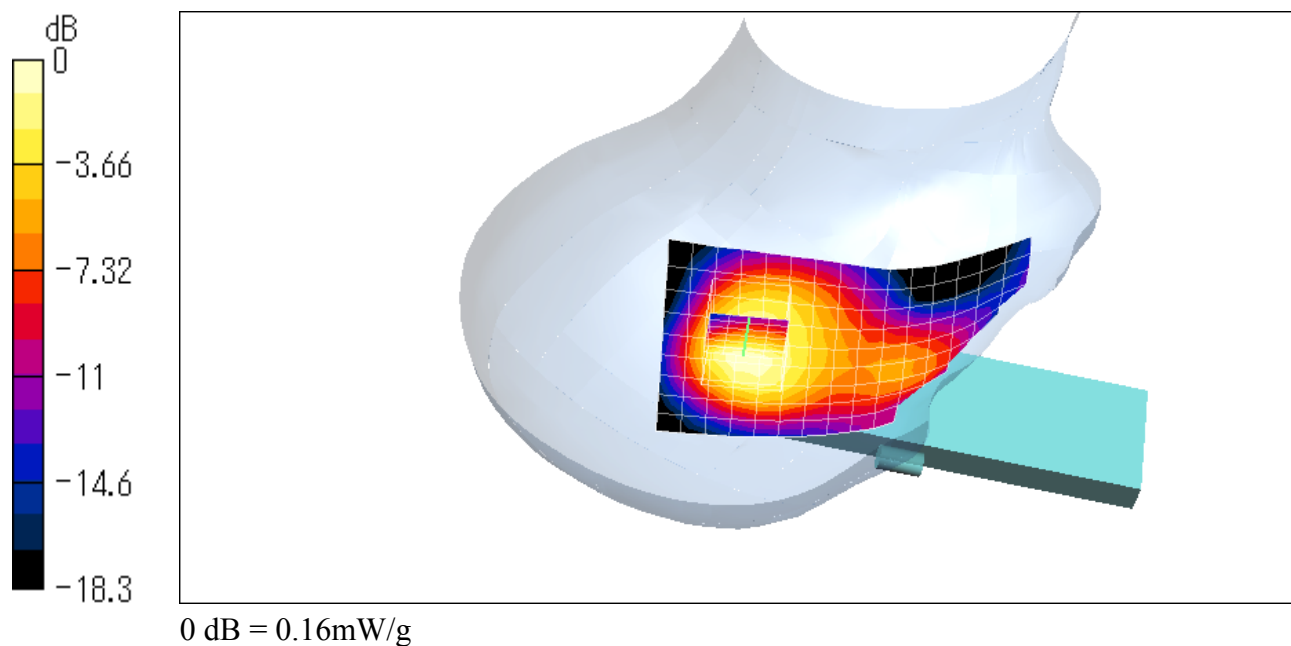
Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.0907 mW/g

Reference Value = 10.1 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.16 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_middle_tilt.da4](#)

Ear/Tilt 0661ch (1880.00MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5
Program: Right Head

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 10.7 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.174 mW/g

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

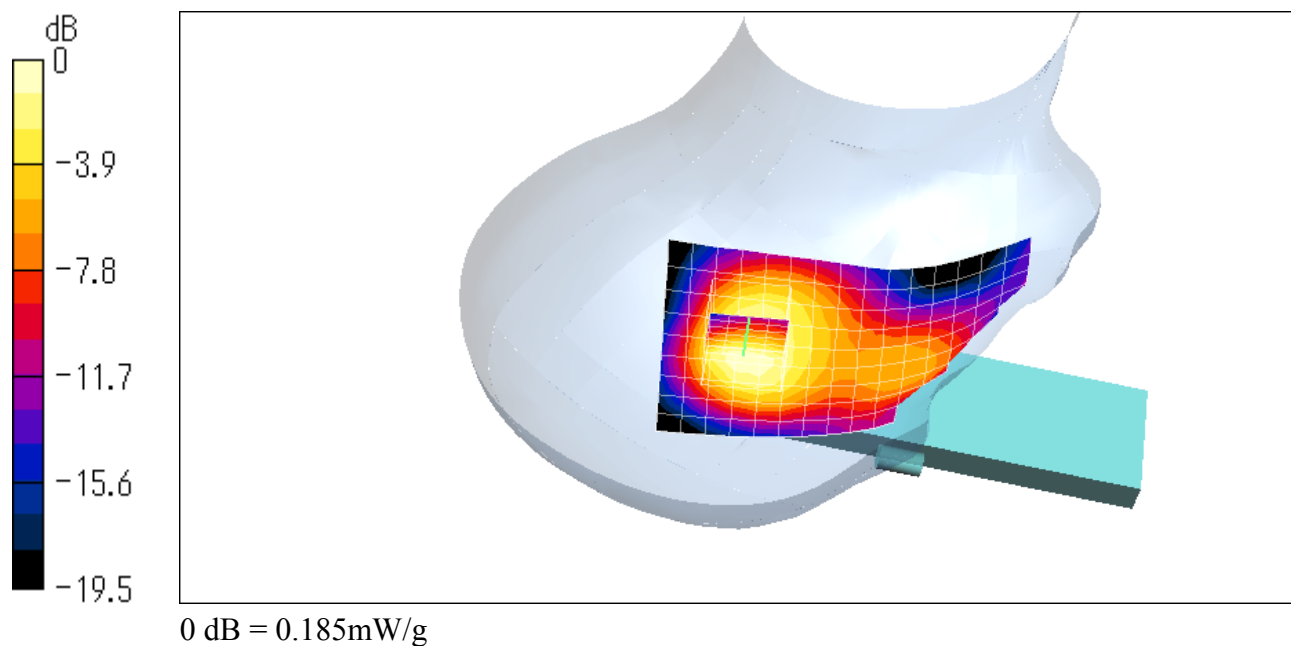
Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.104 mW/g

Reference Value = 10.7 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.185 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_high_tilt.da4](#)

Ear/Tilt 0810ch (1909.80MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Right Head

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.5

Medium: HSL1900 ($\sigma = 1.441 \text{ mho/m}$, $\epsilon_r = 38.16$, $\rho = 1000 \text{ kg/m}^3$)

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 (16x10x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 10 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.151 mW/g

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

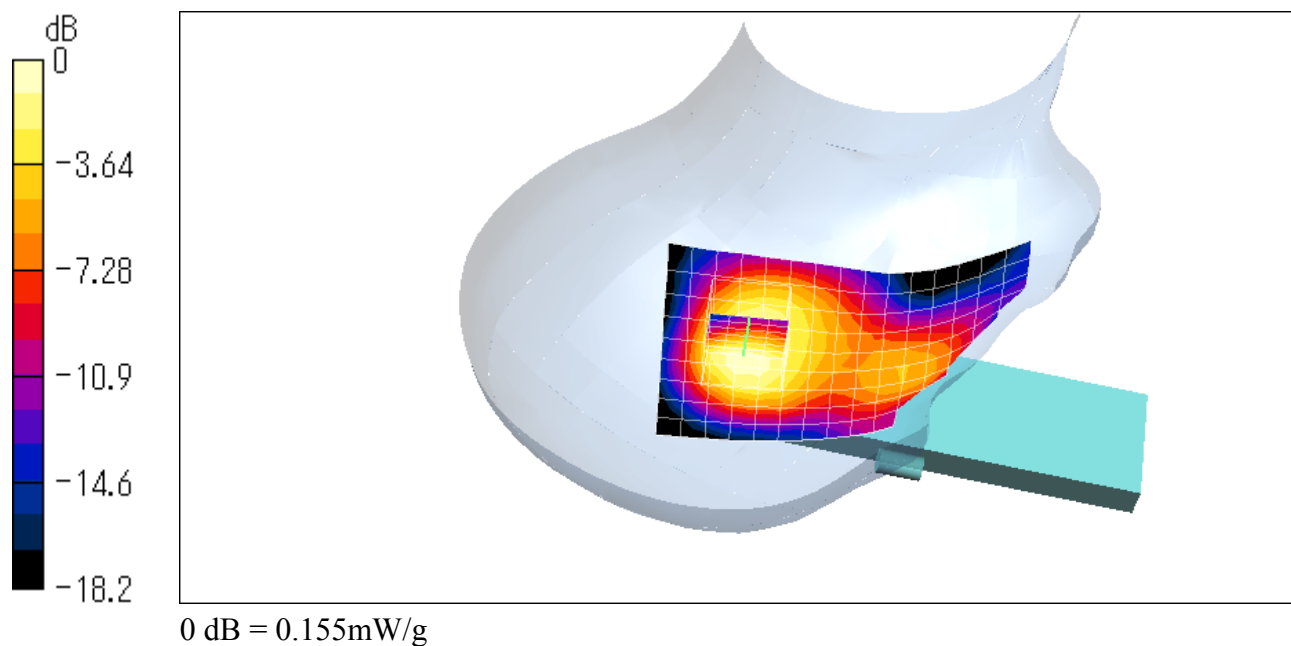
Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.0873 mW/g

Reference Value = 10 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.155 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_low.da4](#)

Body-worn 0512ch (1850.20MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Flat

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.5

Medium: M1900 ($\sigma = 1.567$ mho/m, $\epsilon_r = 52.03$, $\rho = 1000$ 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 (10x16x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 14 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.284 mW/g

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

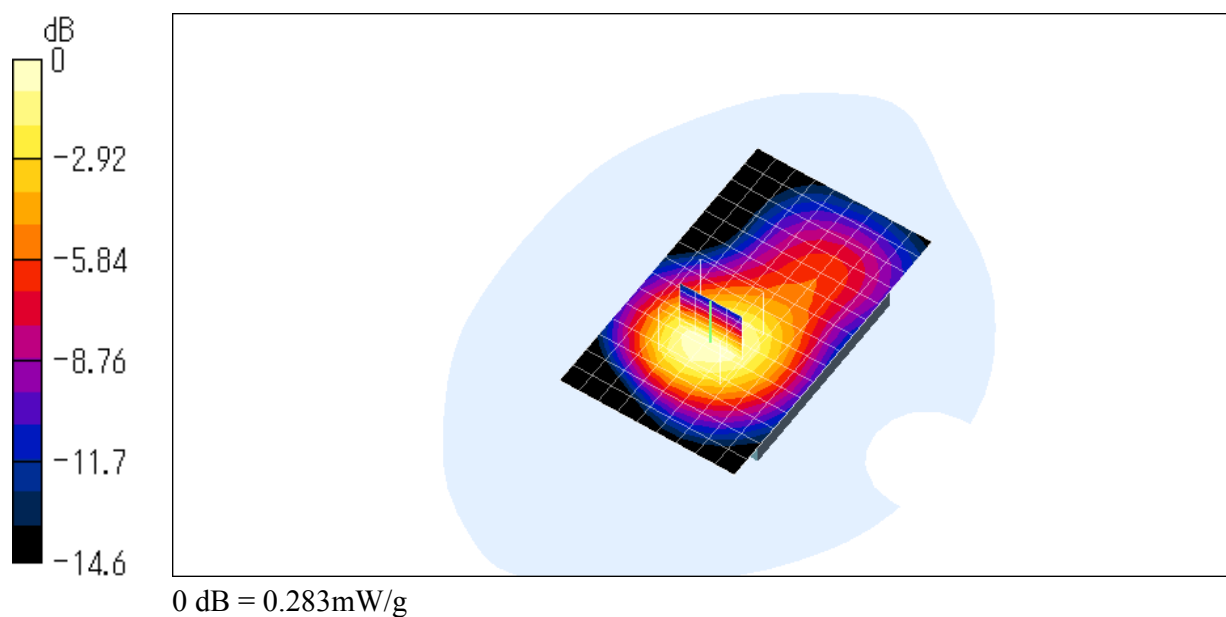
Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.166 mW/g

Reference Value = 14 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.283 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_middle.da4](#)

Body-worn 0661ch (1880.00MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Flat

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.5

Medium: M1900 ($\sigma = 1.567 \text{ mho/m}$, $\epsilon_r = 52.03$, $\rho = 1000 \text{ kg/m}^3$)

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 (10x16x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 14.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.301 mW/g

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

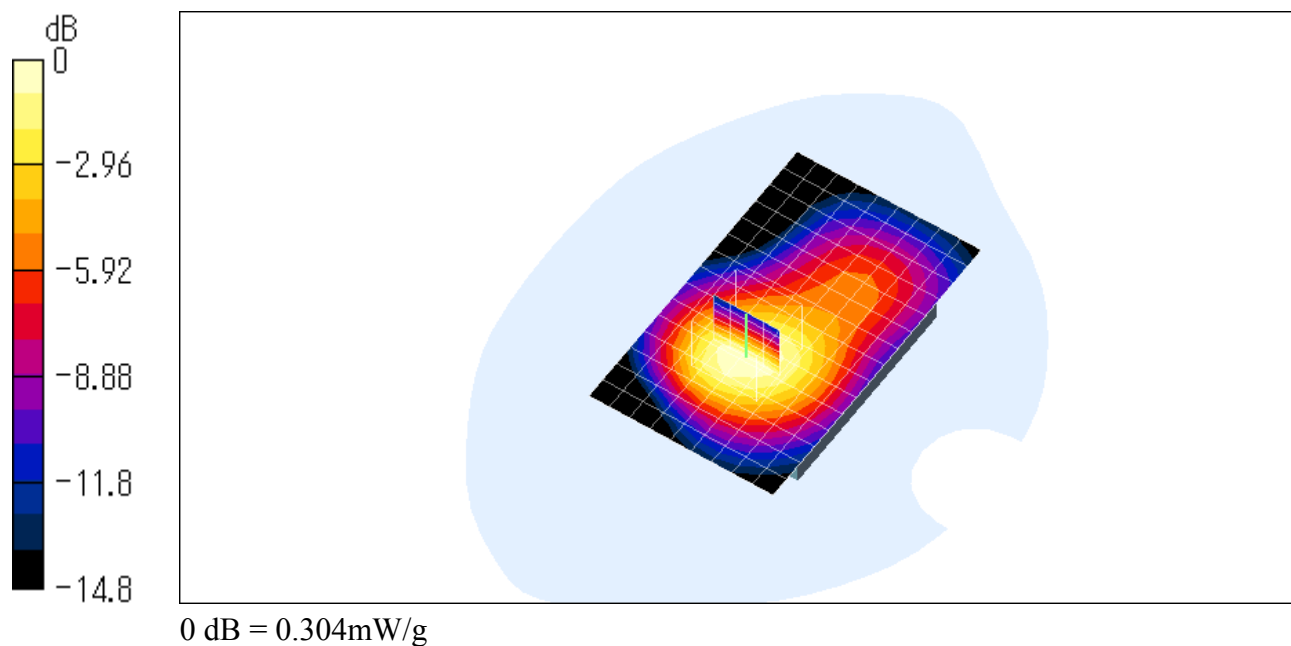
Peak SAR (extrapolated) = 0.436 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.176 mW/g

Reference Value = 14.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.304 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_high.da4](#)

Body-worn 0810ch (1909.80MHz)

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Flat

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.5

Medium: M1900 ($\sigma = 1.567$ mho/m, $\epsilon_r = 52.03$, $\rho = 1000$ 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 (10x16x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 14.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.309 mW/g

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

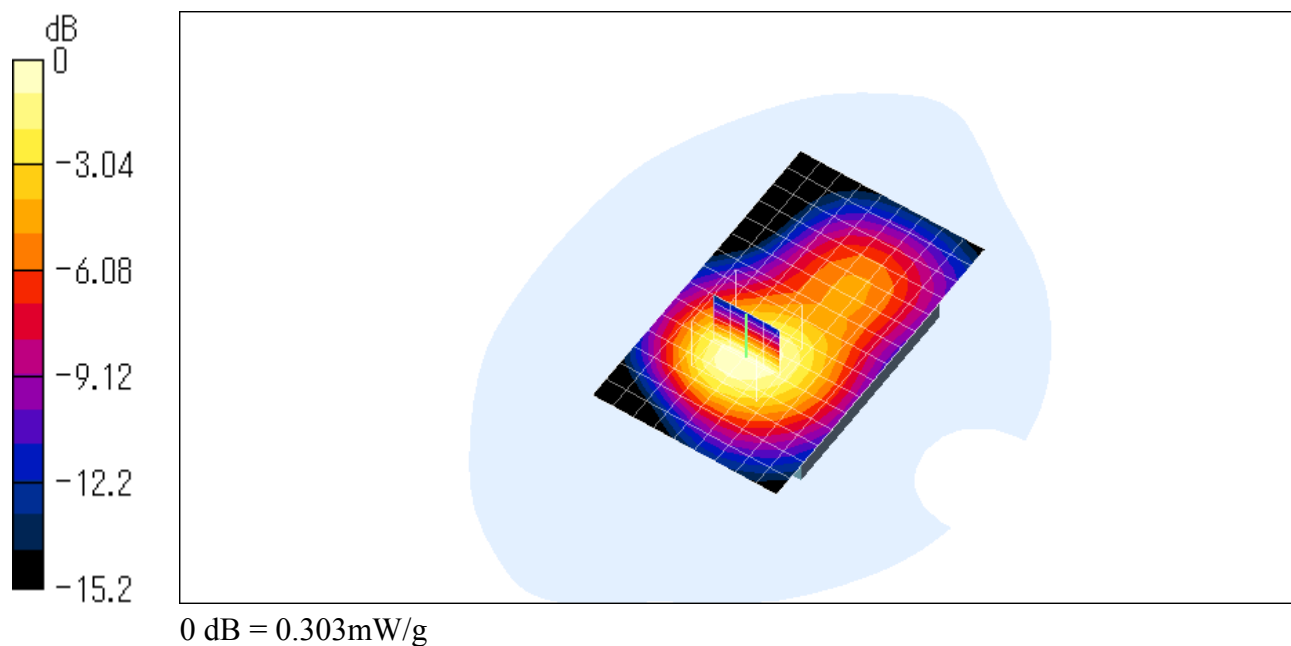
Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.173 mW/g

Reference Value = 14.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.303 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_low_GPRS.da4](#)

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

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Flat

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.5

Medium: M1900 ($\sigma = 1.567$ mho/m, $\epsilon_r = 52.03$, $\rho = 1000$ 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 (10x16x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 13.8 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.274 mW/g

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

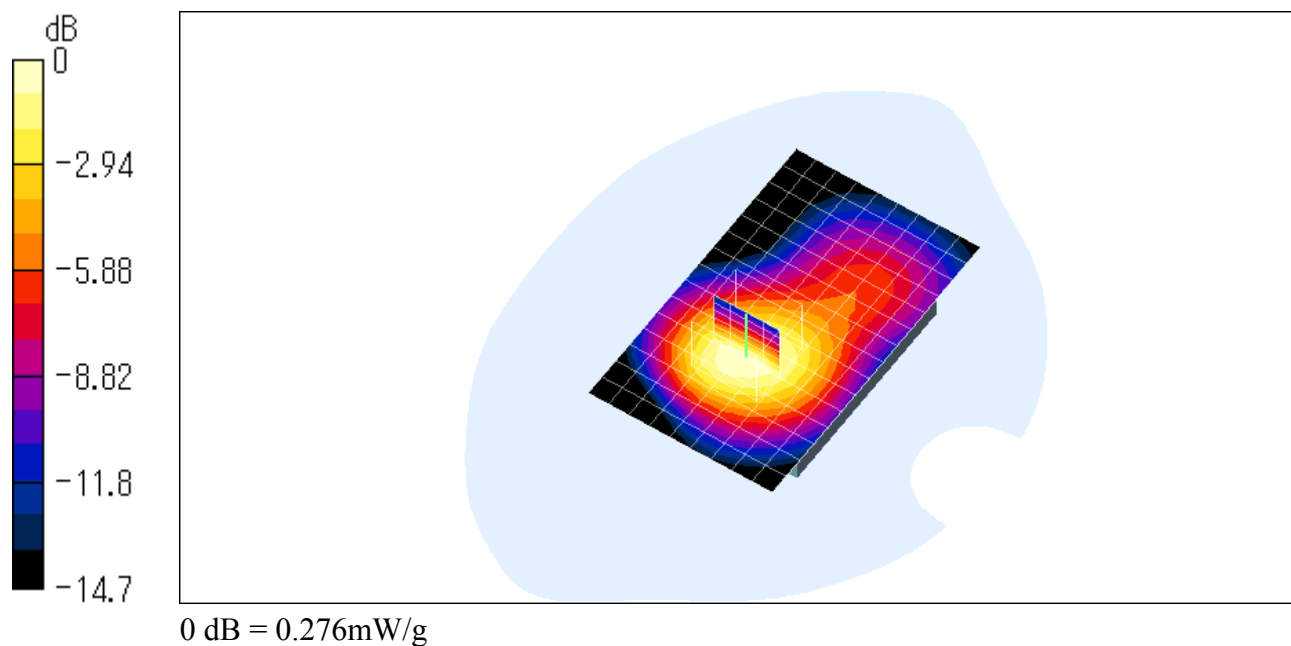
Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.16 mW/g

Reference Value = 13.8 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.276 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_middle_GPRS.da4](#)

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

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Flat

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.5

Medium: M1900 ($\sigma = 1.567$ mho/m, $\epsilon_r = 52.03$, $\rho = 1000$ 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 (10x16x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 14.3 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.29 mW/g

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

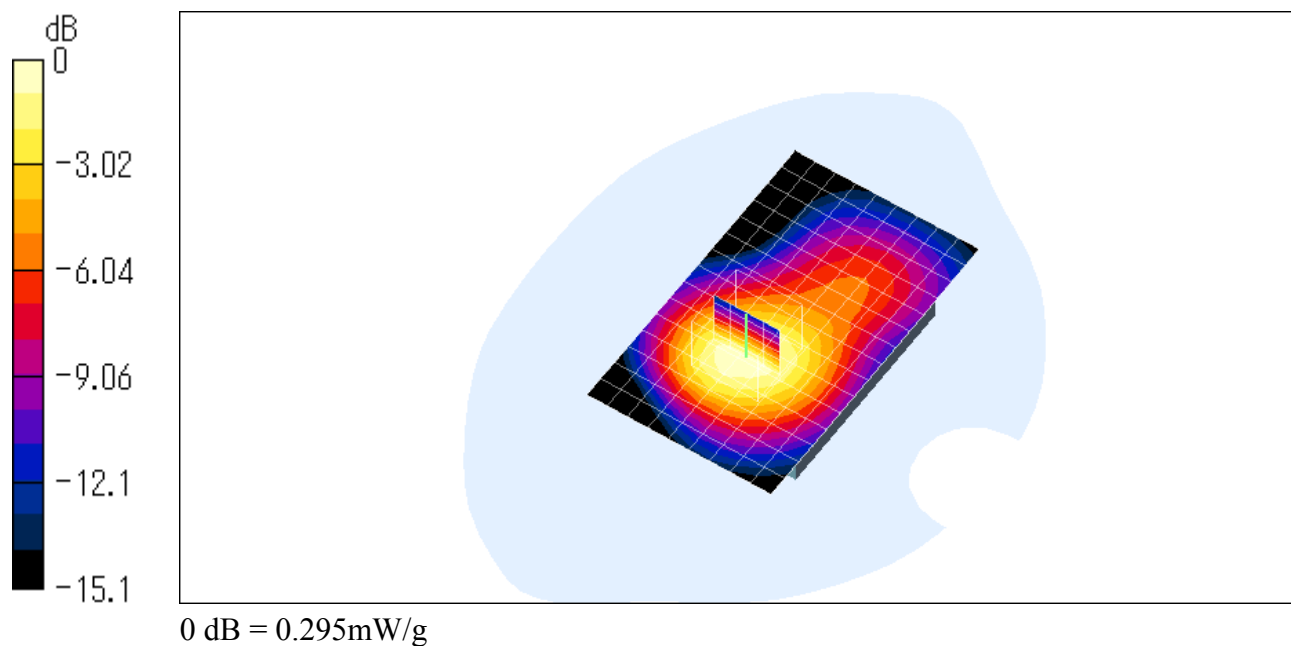
Peak SAR (extrapolated) = 0.44 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.169 mW/g

Reference Value = 14.3 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.295 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_high_GPRS.da4](#)

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

DUT: GSM-WCDMA Dual Cellular Phone; Type: V801SH; Serial: 350228/00/004002/5

Program: Flat

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.5

Medium: M1900 ($\sigma = 1.567 \text{ mho/m}$, $\epsilon_r = 52.03$, $\rho = 1000 \text{ kg/m}^3$)

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 (10x16x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 14 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.289 mW/g

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

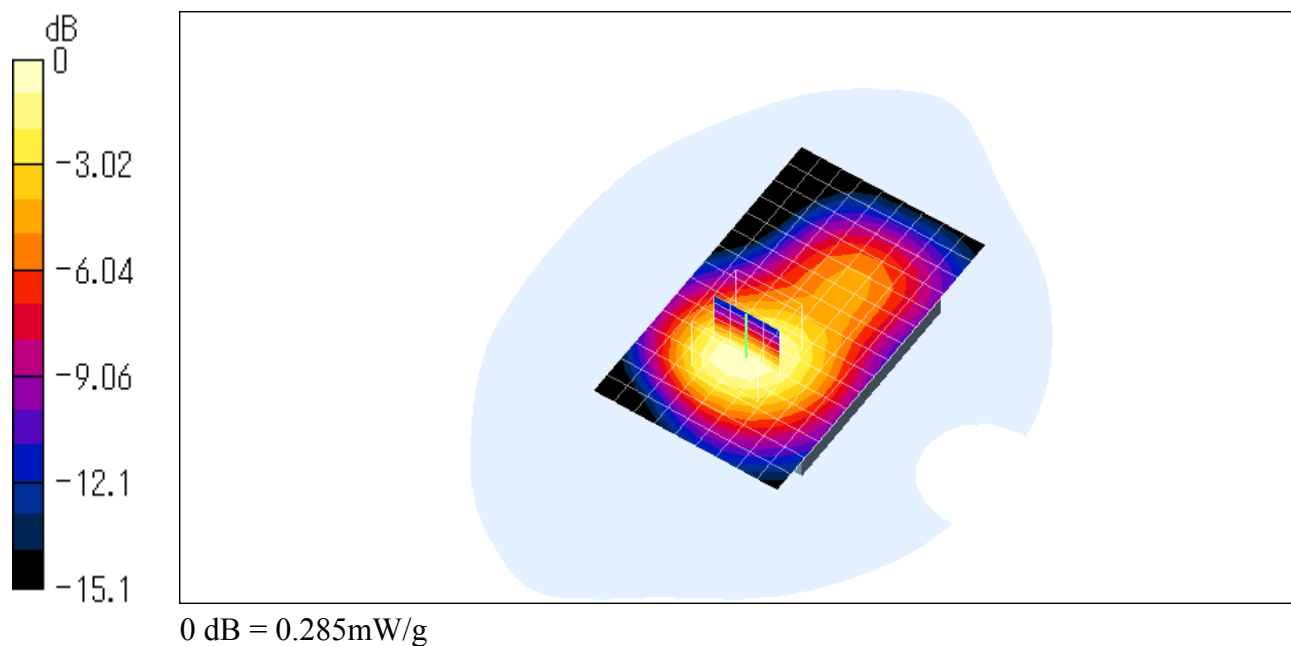
Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.165 mW/g

Reference Value = 14 V/m

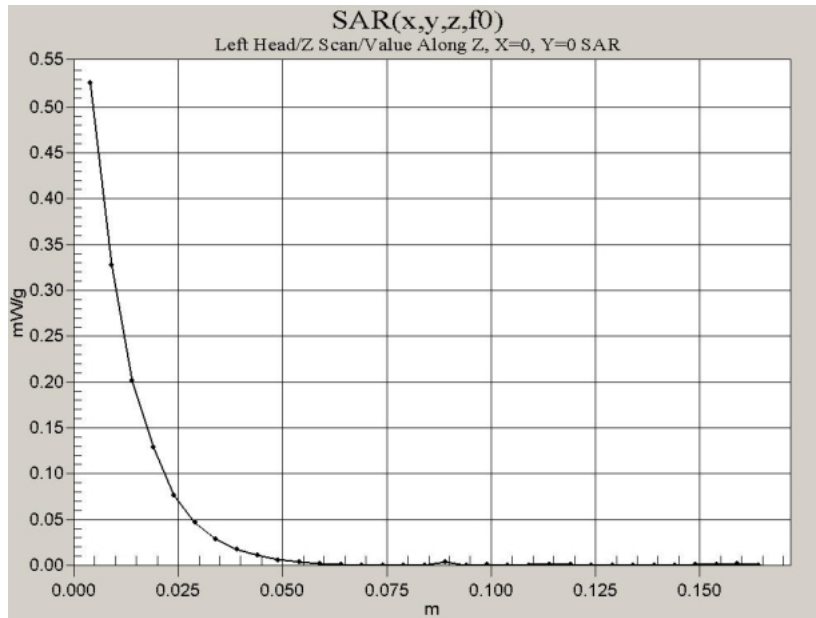
Power Drift = -0.09 dB

Maximum value of SAR = 0.285 mW/g



Z-axis Scanning Data for Worst Case

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



Flat Position
Body-worn 0810ch (1909.80MHz)

