

Appendix 2

SAR Testr Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_Touch_Low.da4](#)

Cheek/Touch 1ch (2400.914355MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Left Head

Communication System: FHSS; Frequency: 2401 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.84 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.0336 mW/g

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

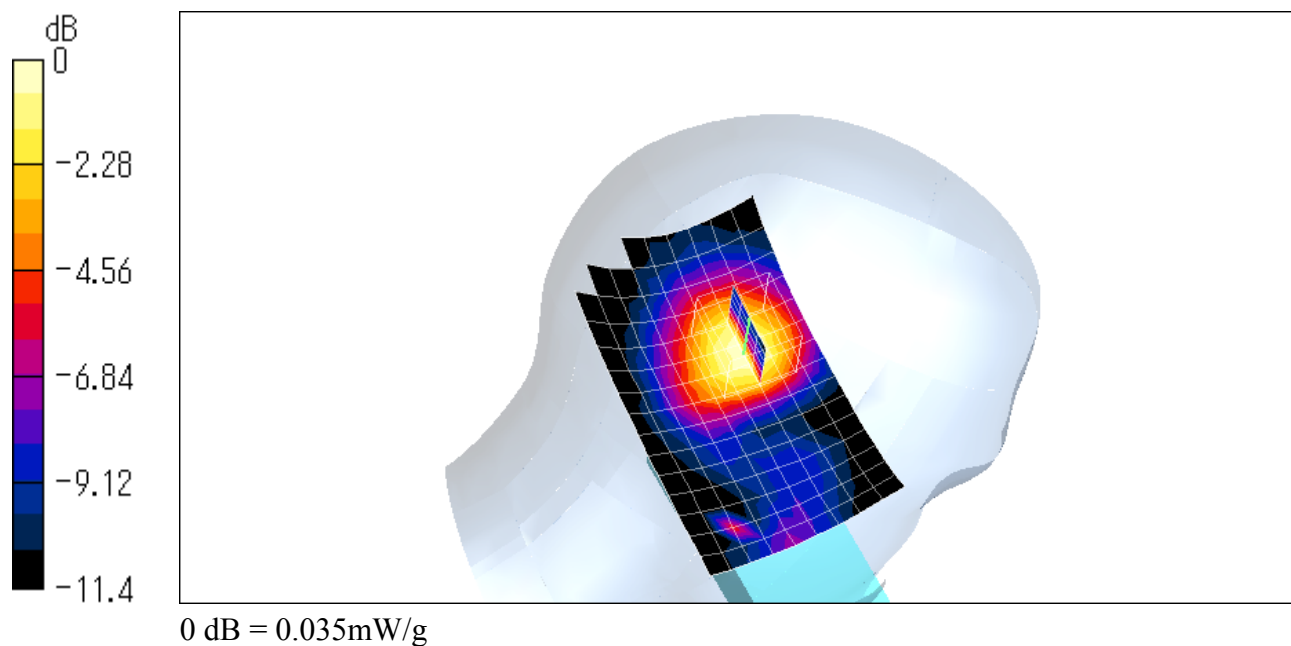
Peak SAR (extrapolated) = 0.0673 W/kg

SAR(1 g) = 0.0335 mW/g; SAR(10 g) = 0.0182 mW/g

Reference Value = 1.84 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.035 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_Touch_Middle.da4](#)

Cheek/Touch 45ch (2440.156641MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Left Head

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.72 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.0309 mW/g

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

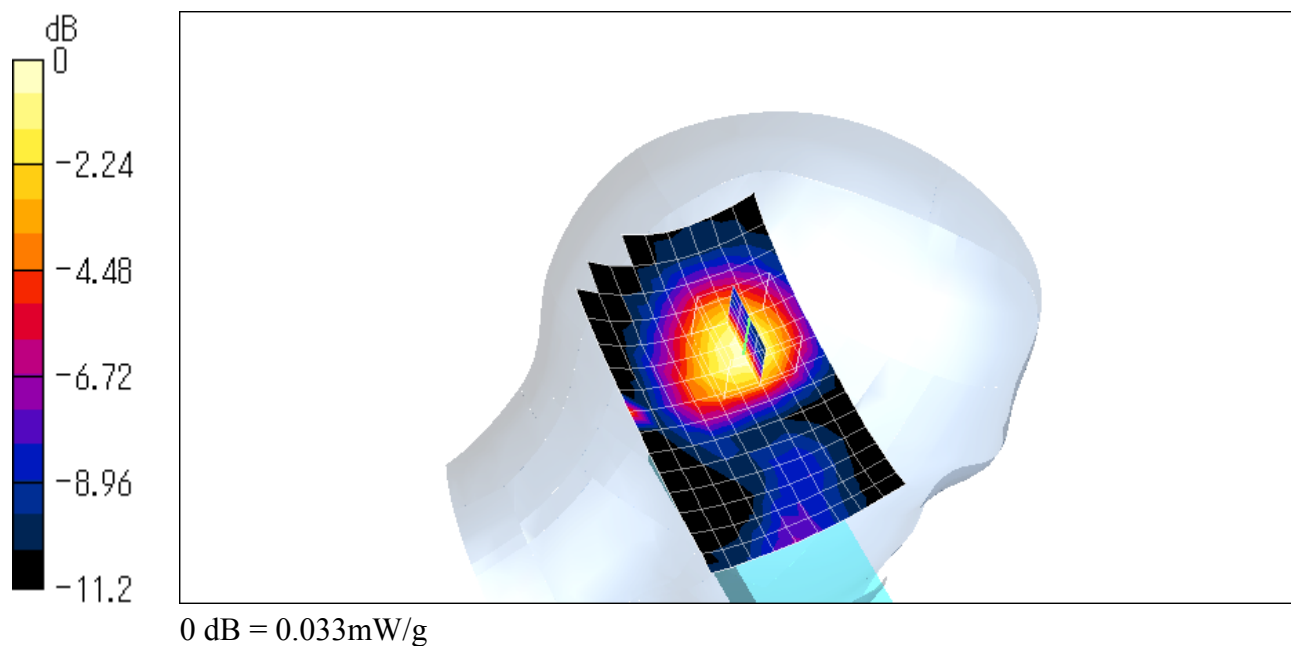
Peak SAR (extrapolated) = 0.0655 W/kg

SAR(1 g) = 0.0312 mW/g; SAR(10 g) = 0.0167 mW/g

Reference Value = 1.72 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.033 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_Touch_High.da4](#)

Cheek/Touch 90ch (2480.292773MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Left Head

Communication System: FHSS; Frequency: 2480 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.88 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.0312 mW/g

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

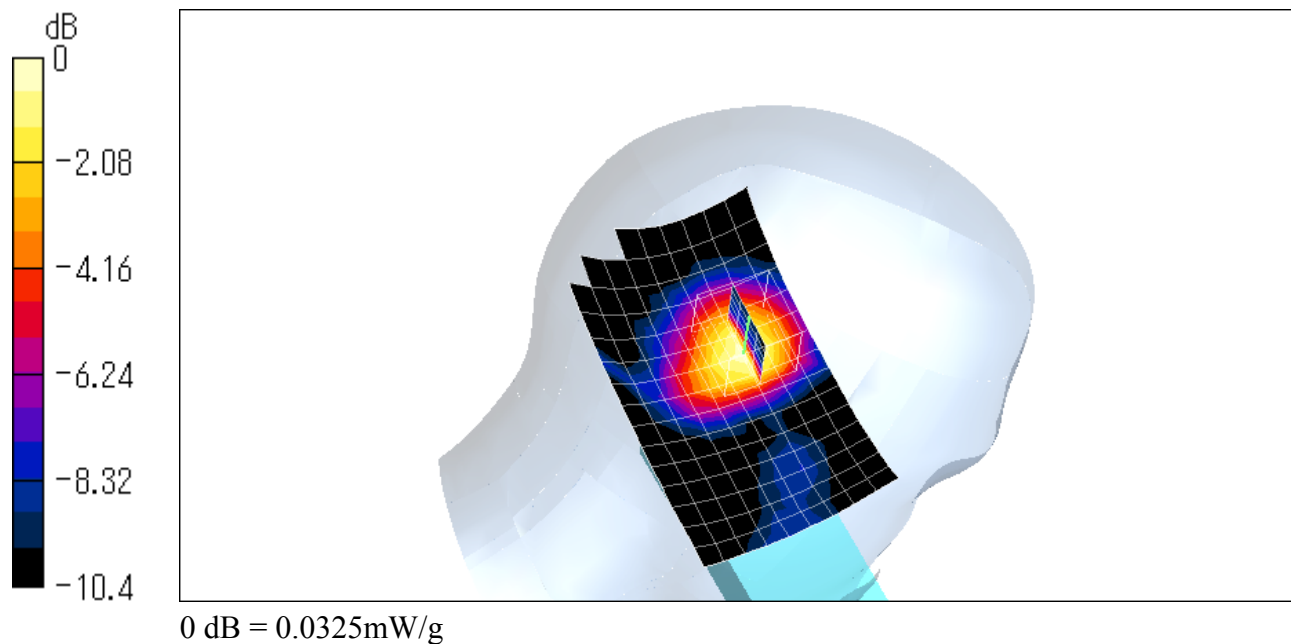
Peak SAR (extrapolated) = 0.0736 W/kg

SAR(1 g) = 0.0321 mW/g; SAR(10 g) = 0.0165 mW/g

Reference Value = 1.88 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.0325 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_Tilt_Low.da4](#)

Ear/Tilt 1ch (2400.914355MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Left Head

Communication System: FHSS; Frequency: 2401 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 2.16 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.096 mW/g

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

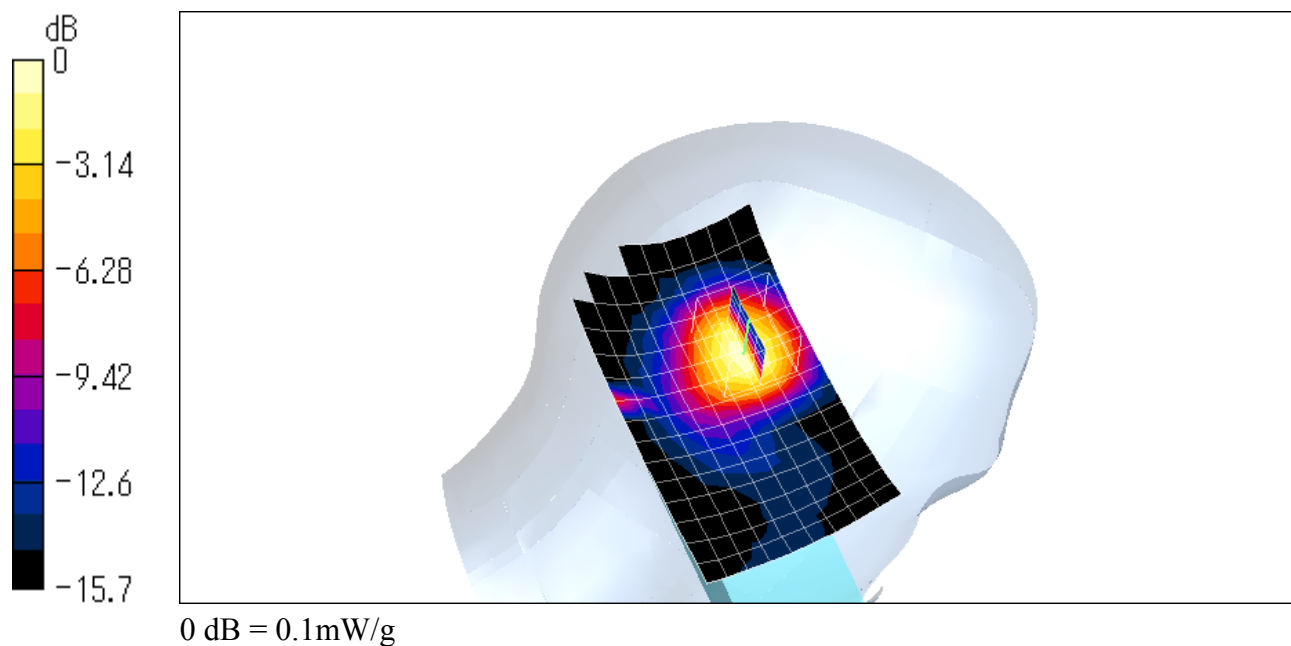
Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.0928 mW/g; SAR(10 g) = 0.0463 mW/g

Reference Value = 2.16 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.1 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_Tilt_Middle.da4](#)

Ear/Tilt 45ch (2440.156641MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Left Head

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.87 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0834 mW/g

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

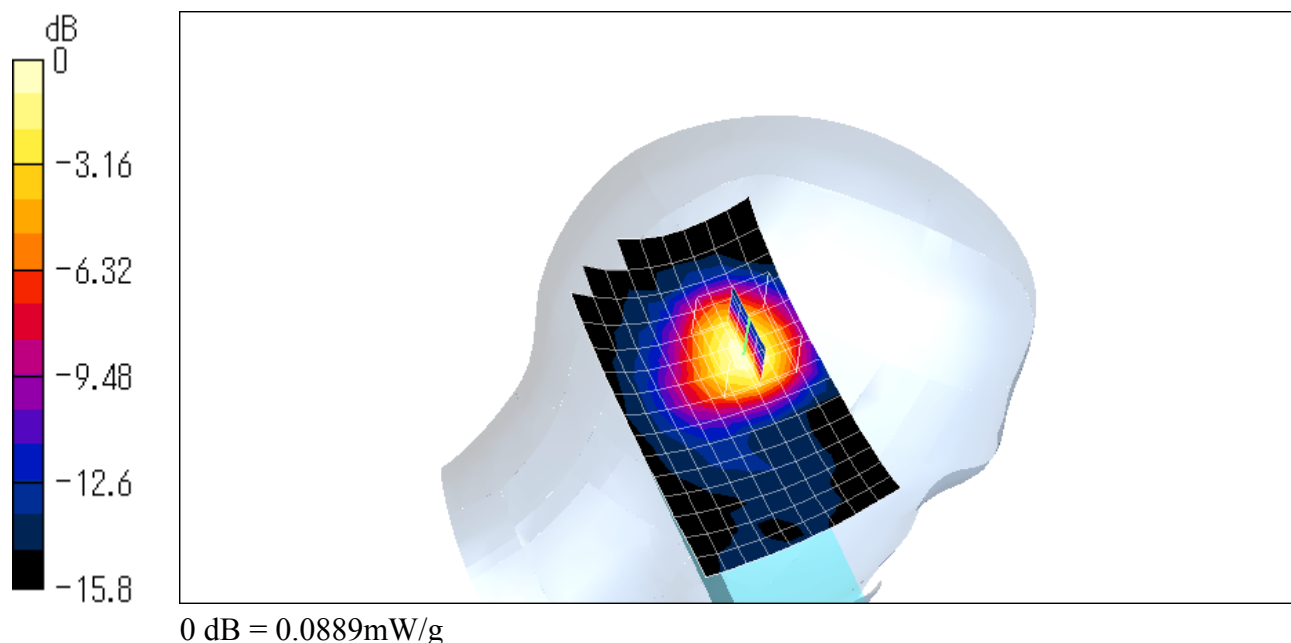
Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.0831 mW/g; SAR(10 g) = 0.0411 mW/g

Reference Value = 1.87 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0889 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Left_Tilt_High.da4](#)

Ear/Tilt 90ch (2480.292773MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Left Head

Communication System: FHSS; Frequency: 2480 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.66 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0649 mW/g

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

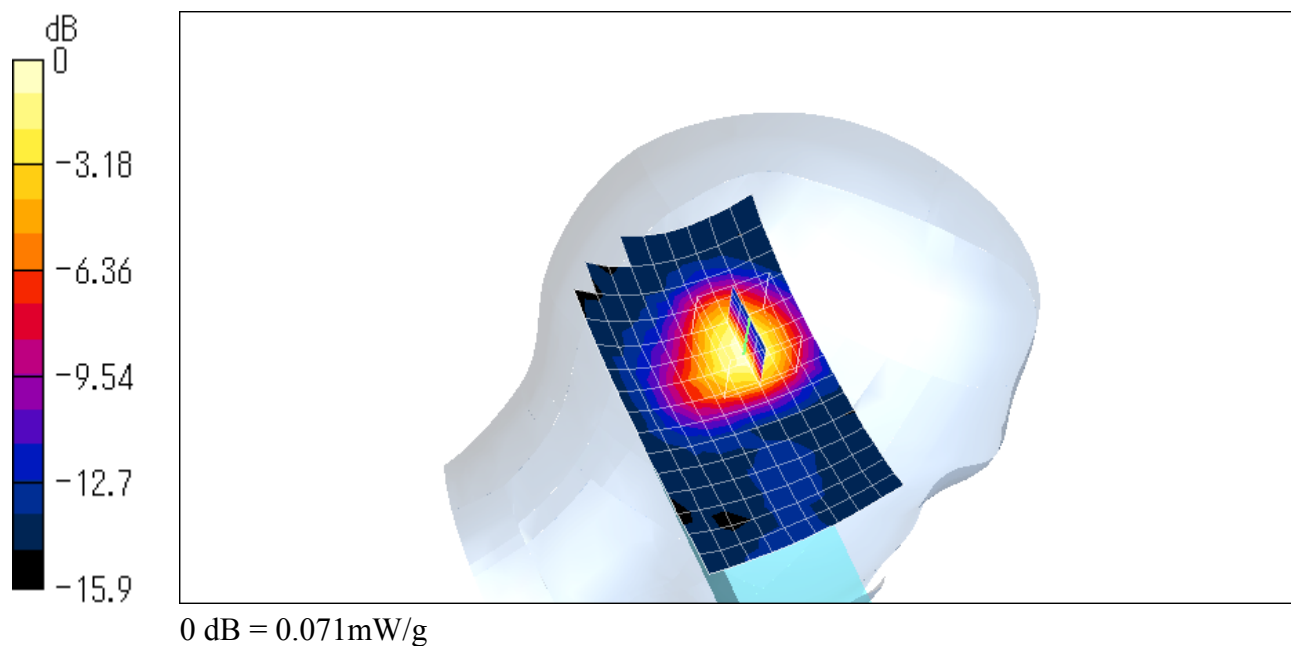
Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.0654 mW/g; SAR(10 g) = 0.0316 mW/g

Reference Value = 1.66 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.071 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_Touch_Low.da4](#)**Cheek/Touch 1ch (2400.914355MHz)****DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Right Head**

Communication System: FHSS; Frequency: 2401 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.58 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.0291 mW/g

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

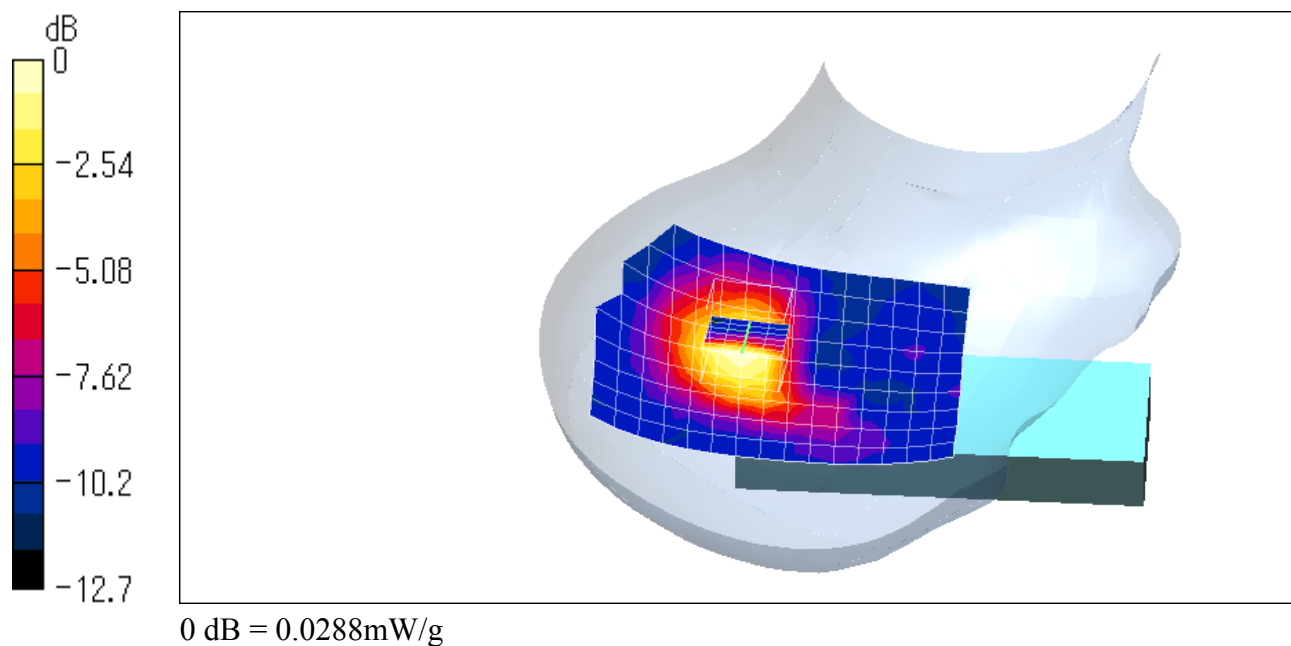
Peak SAR (extrapolated) = 0.0724 W/kg

SAR(1 g) = 0.0277 mW/g; SAR(10 g) = 0.0142 mW/g

Reference Value = 1.58 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.0288 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_Touch_Middle.da4](#)

Cheek/Touch 45ch (2440.156641MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Right Head

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 2.1 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0304 mW/g

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

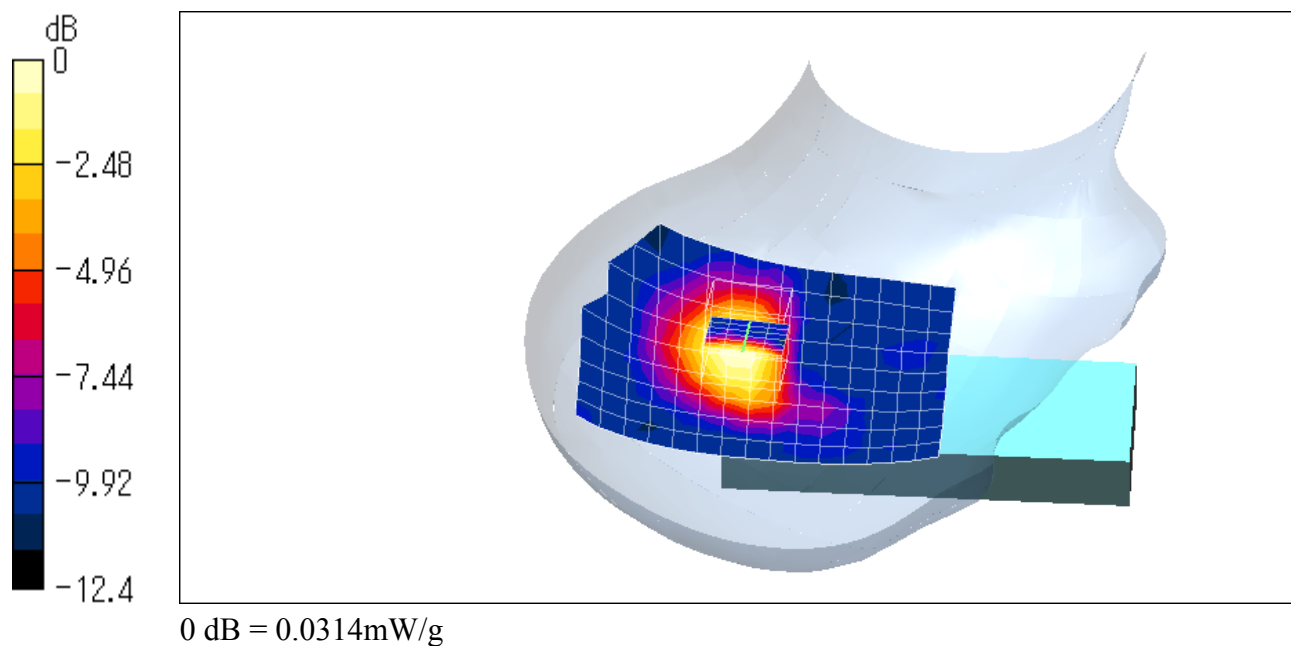
Peak SAR (extrapolated) = 0.0673 W/kg

SAR(1 g) = 0.0298 mW/g; SAR(10 g) = 0.0151 mW/g

Reference Value = 2.1 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0314 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_Touch_High.da4](#)

Cheek/Touch 90ch (2480.292773MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Right Head

Communication System: FHSS; Frequency: 2480 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0216 mW/g

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

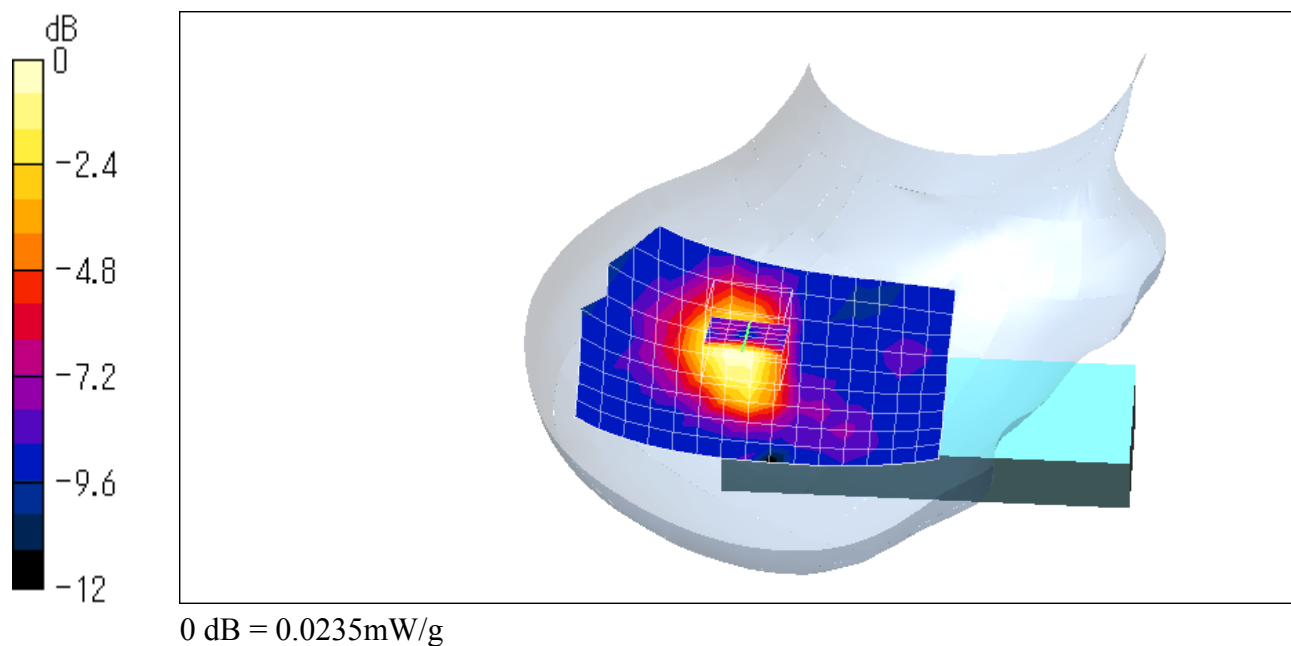
Peak SAR (extrapolated) = 0.0715 W/kg

SAR(1 g) = 0.0244 mW/g; SAR(10 g) = 0.0123 mW/g

Reference Value = 1.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0235 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_Tilt_Low.da4](#)

Ear/Tilt 1ch (2400.914355MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Right Head

Communication System: FHSS; Frequency: 2401 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 2.11 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0608 mW/g

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

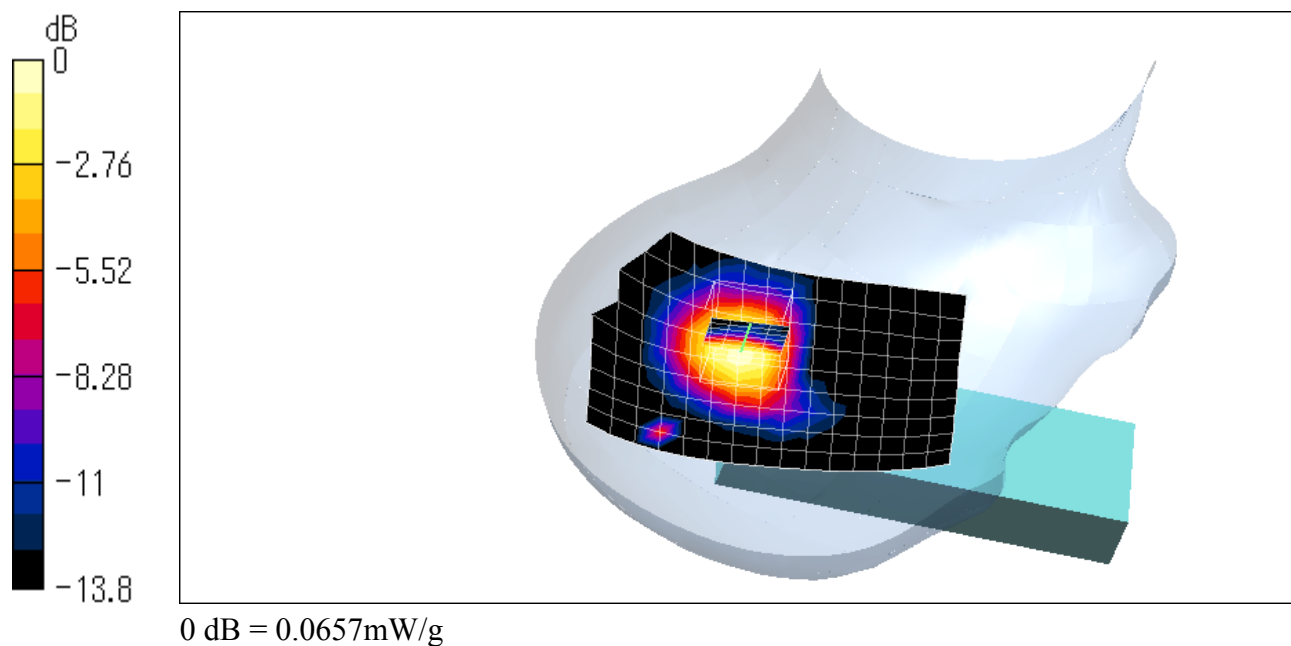
Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.0612 mW/g; SAR(10 g) = 0.0306 mW/g

Reference Value = 2.11 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0657 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_Tilt_Middle.da4](#)

Ear/Tilt 45ch (2440.156641MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Right Head

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.86 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0598 mW/g

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

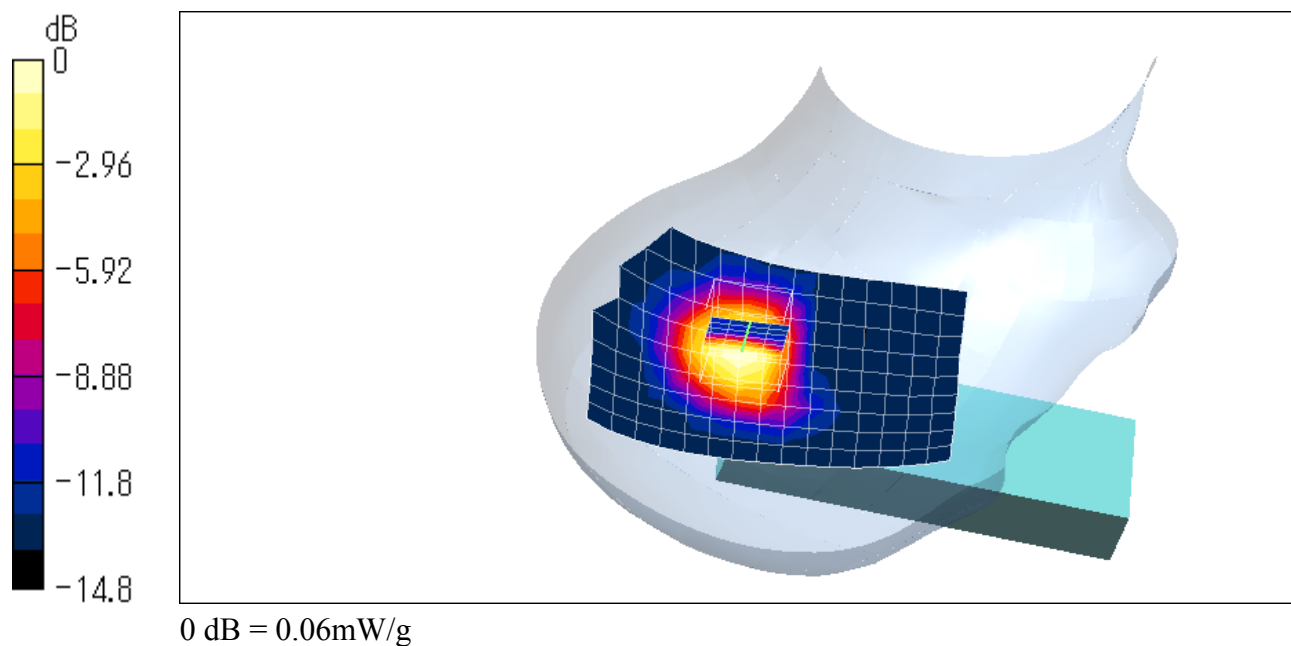
Peak SAR (extrapolated) = 0.0976 W/kg

SAR(1 g) = 0.0549 mW/g; SAR(10 g) = 0.0275 mW/g

Reference Value = 1.86 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.06 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Right_Tilt_High.da4](#)

Ear/Tilt 90ch (2480.292773MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Right Head

Communication System: FHSS; Frequency: 2480 MHz; Duty Cycle: 1:11.07

Medium: HSL2450 ($\sigma = 1.835 \text{ mho/m}$, $\epsilon_r = 37.82$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(5, 5, 5); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 = 1.8 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.0449 mW/g

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

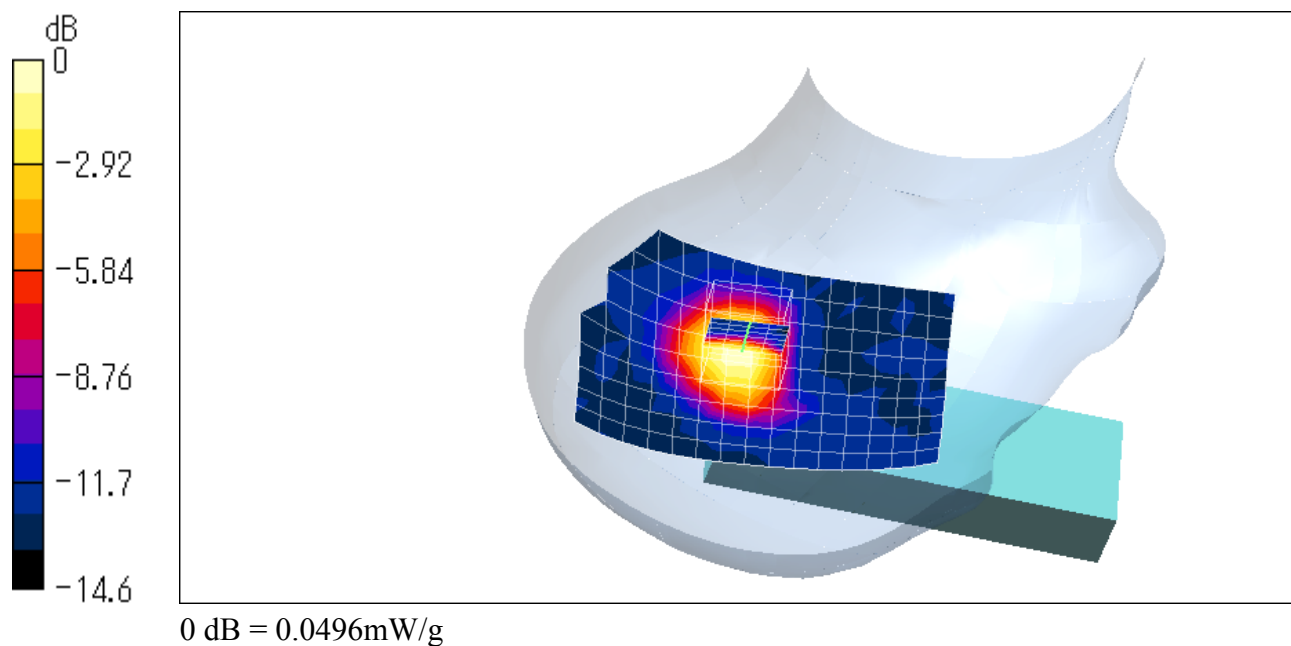
Peak SAR (extrapolated) = 0.0901 W/kg

SAR(1 g) = 0.0462 mW/g; SAR(10 g) = 0.0223 mW/g

Reference Value = 1.8 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.0496 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_Low.da4](#)

Body-worn 1ch (2400.914355MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Flat

Communication System: FHSS; Frequency: 2401 MHz; Duty Cycle: 1:11.07

Medium: M2450 ($\sigma = 1.993 \text{ mho/m}$, $\epsilon_r = 53.17$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.6, 4.6, 4.6); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 2.84 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.0625 mW/g

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

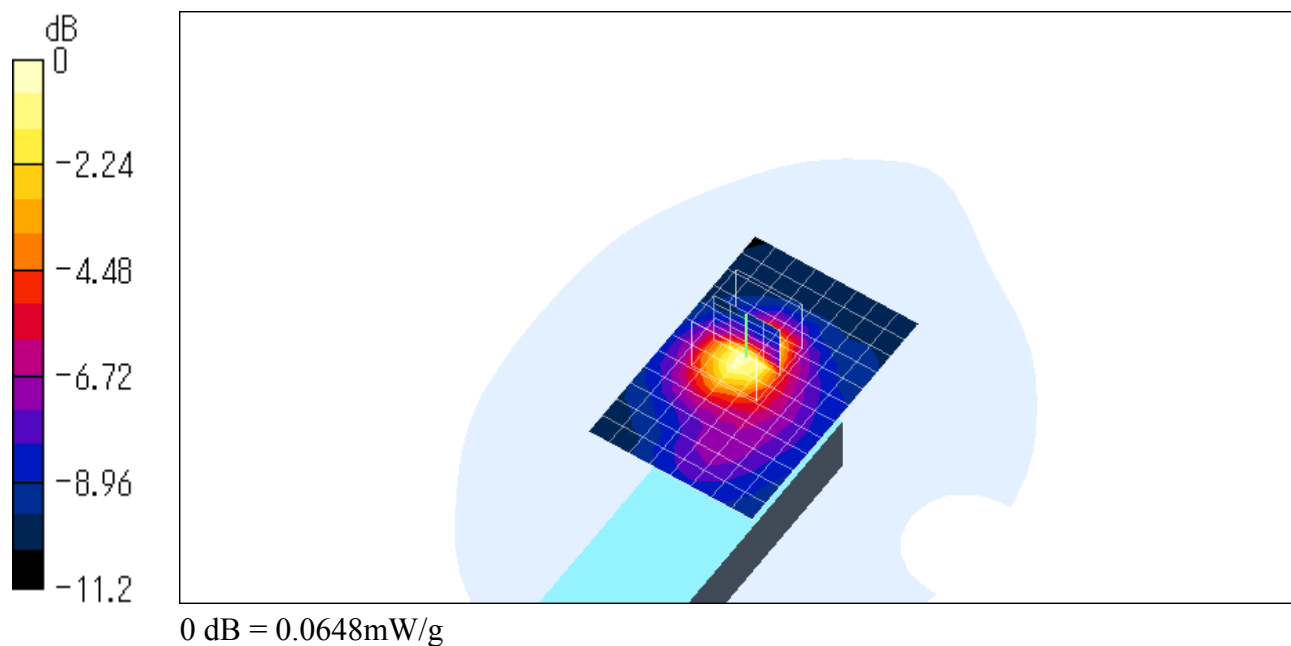
Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.0337 mW/g

Reference Value = 2.84 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.0648 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_Middle.da4](#)

Body-worn 45ch (2440.156641MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Flat

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:11.07

Medium: M2450 ($\sigma = 1.993 \text{ mho/m}$, $\epsilon_r = 53.17$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.6, 4.6, 4.6); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 2.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.0482 mW/g

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

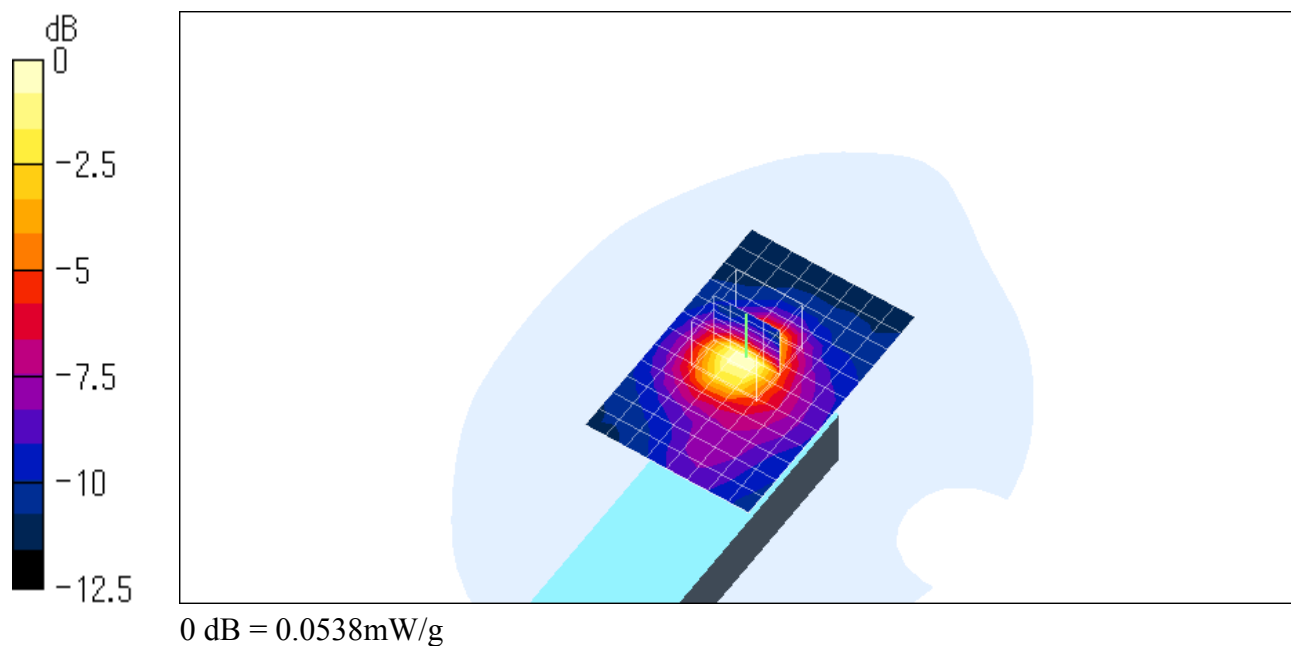
Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.0567 mW/g; SAR(10 g) = 0.0266 mW/g

Reference Value = 2.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.0538 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

File Name: [Flat_High.da4](#)

Body-worn 90ch (2480.292773MHz)

DUT: F.H.S.S. Cordless Telephone (Handset); Type: KX-TG2356; Serial: --
Program: Flat

Communication System: FHSS; Frequency: 2480 MHz; Duty Cycle: 1:11.07

Medium: M2450 ($\sigma = 1.993 \text{ mho/m}$, $\epsilon_r = 53.17$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.6, 4.6, 4.6); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 2.04 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0378 mW/g

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

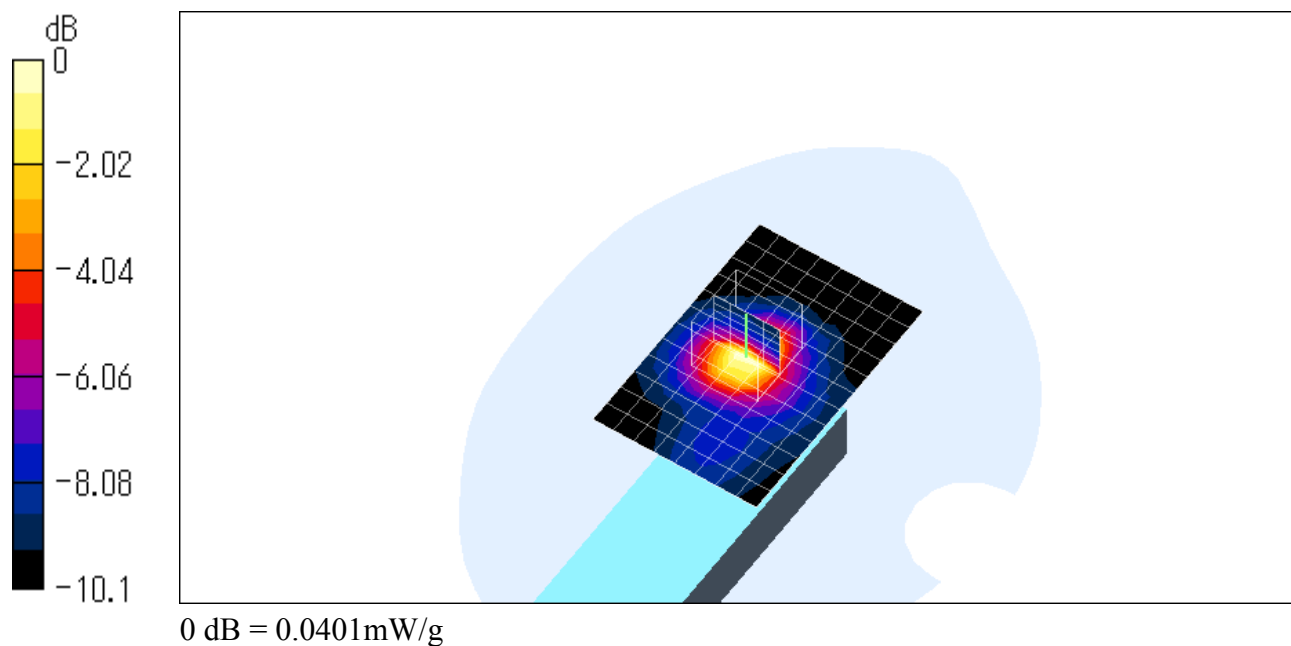
Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.0518 mW/g; SAR(10 g) = 0.0214 mW/g

Reference Value = 2.04 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0401 mW/g



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

Body-worn 1ch (2400.914355MHz)

DUT: F.H.S.S. Cordless Telephone (Base Unit); Type: KX-TG2356; Serial: --
Program: Flat

Communication System: FHSS; Frequency: 2401 MHz;Duty Cycle: 1:11.82
Medium: M2450 ($\sigma = 1.993 \text{ mho/m}$, $\epsilon_r = 53.17$, $\rho = 1000 \text{ kg/m}^3$)
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

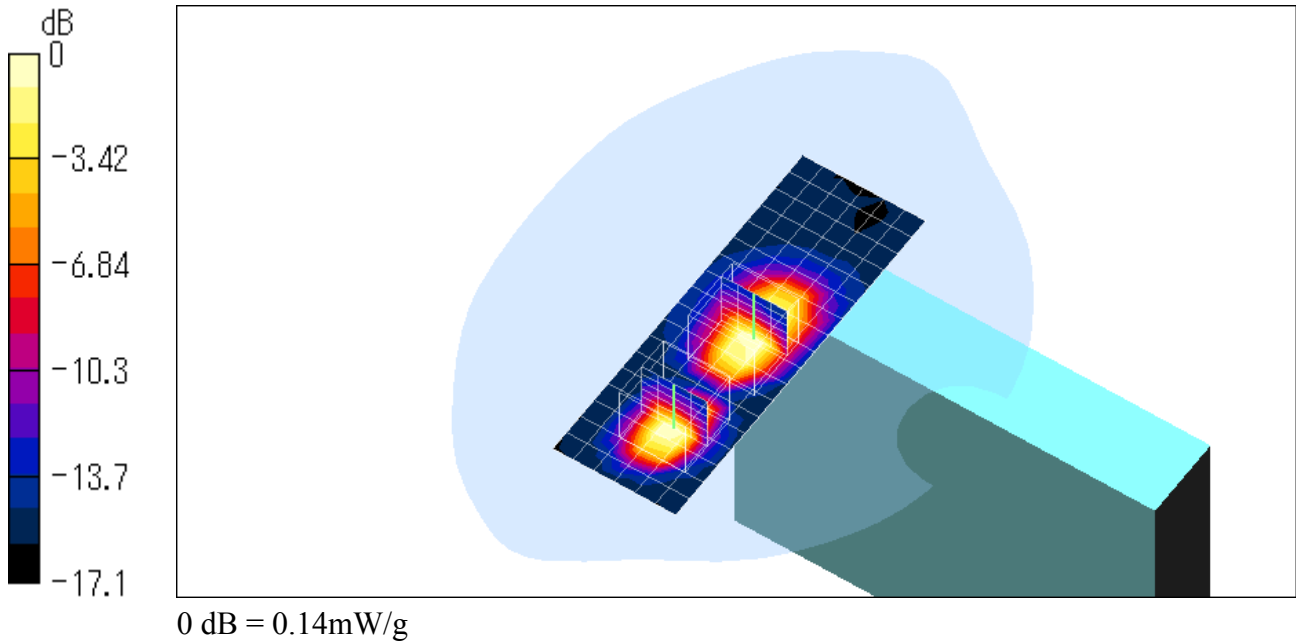
DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.6, 4.6, 4.6); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 (7x19x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 8.22 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.12 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.15 mW/g; SAR(10 g) = 0.0572 mW/g
Reference Value = 8.22 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.158 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.0592 mW/g
Reference Value = 8.22 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.14 mW/g



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

Body-worn 45ch (2440.156641MHz)

DUT: F.H.S.S. Cordless Telephone (Base Unit); Type: KX-TG2356; Serial: --
Program: Flat

Communication System: FHSS; Frequency: 2440 MHz;Duty Cycle: 1:11.82
Medium: M2450 ($\sigma = 1.993 \text{ mho/m}$, $\epsilon_r = 53.17$, $\rho = 1000 \text{ kg/m}^3$)
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

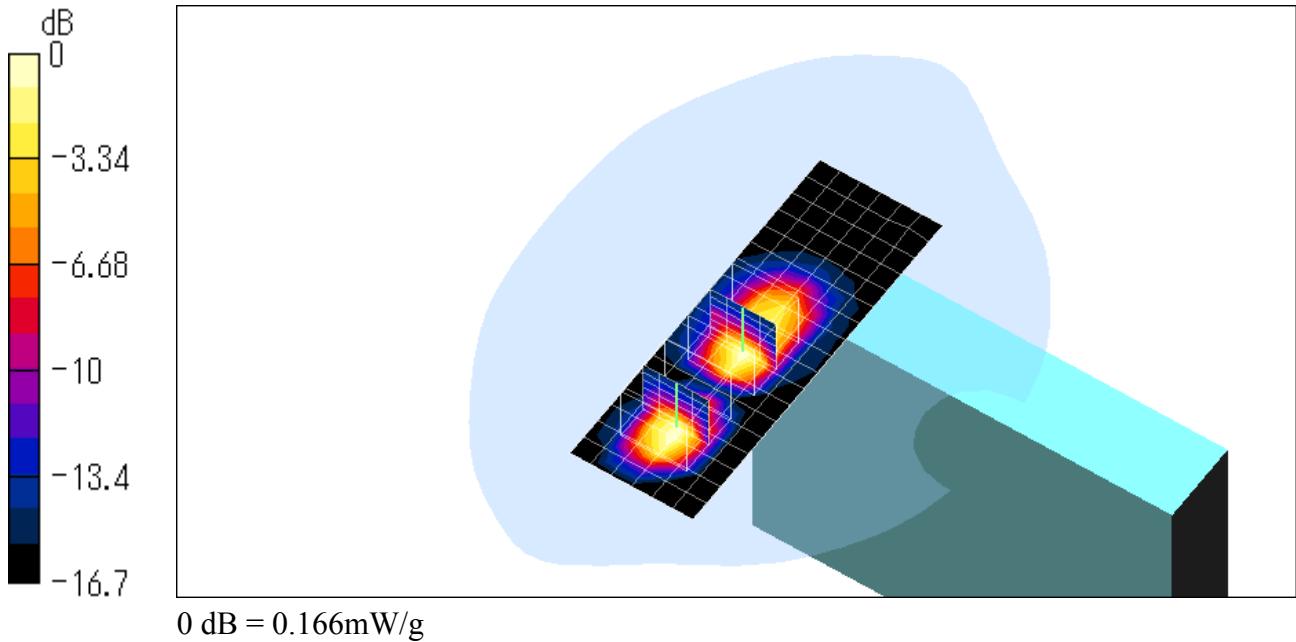
DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.6, 4.6, 4.6); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 (7x19x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 7.96 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.171 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.544 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.0654 mW/g
Reference Value = 7.96 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.179 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.0635 mW/g
Reference Value = 7.96 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.166 mW/g



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

Body-worn 90ch (2480.292773MHz)

DUT: F.H.S.S. Cordless Telephone (Base Unit); Type: KX-TG2356; Serial: --
Program: Flat

Communication System: FHSS; Frequency: 2480 MHz;Duty Cycle: 1:11.82
Medium: M2450 ($\sigma = 1.993 \text{ mho/m}$, $\epsilon_r = 53.17$, $\rho = 1000 \text{ kg/m}^3$)
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

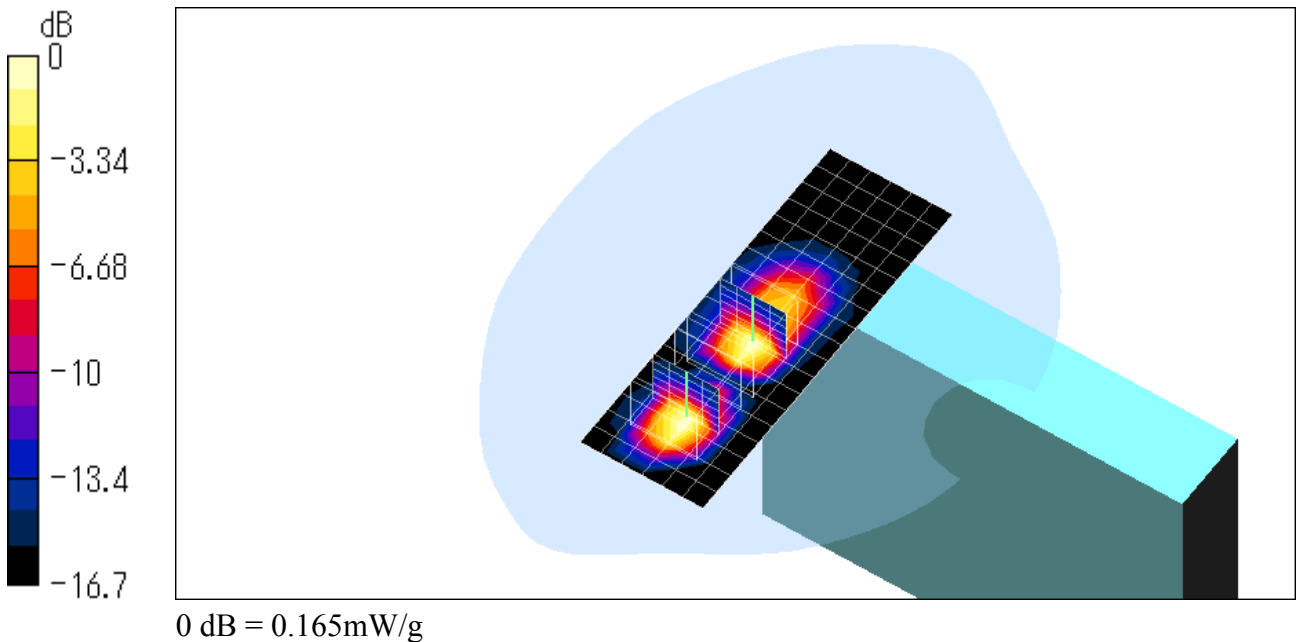
DASY4 Configuration:

- Probe: ET3DV6 - SN1678; ConvF(4.6, 4.6, 4.6); Calibrated: 2003/02/07
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2003/01/31
- 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 (7x19x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 6.69 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.166 mW/g

Body-worn/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.51 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.0619 mW/g
Reference Value = 6.69 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.171 mW/g

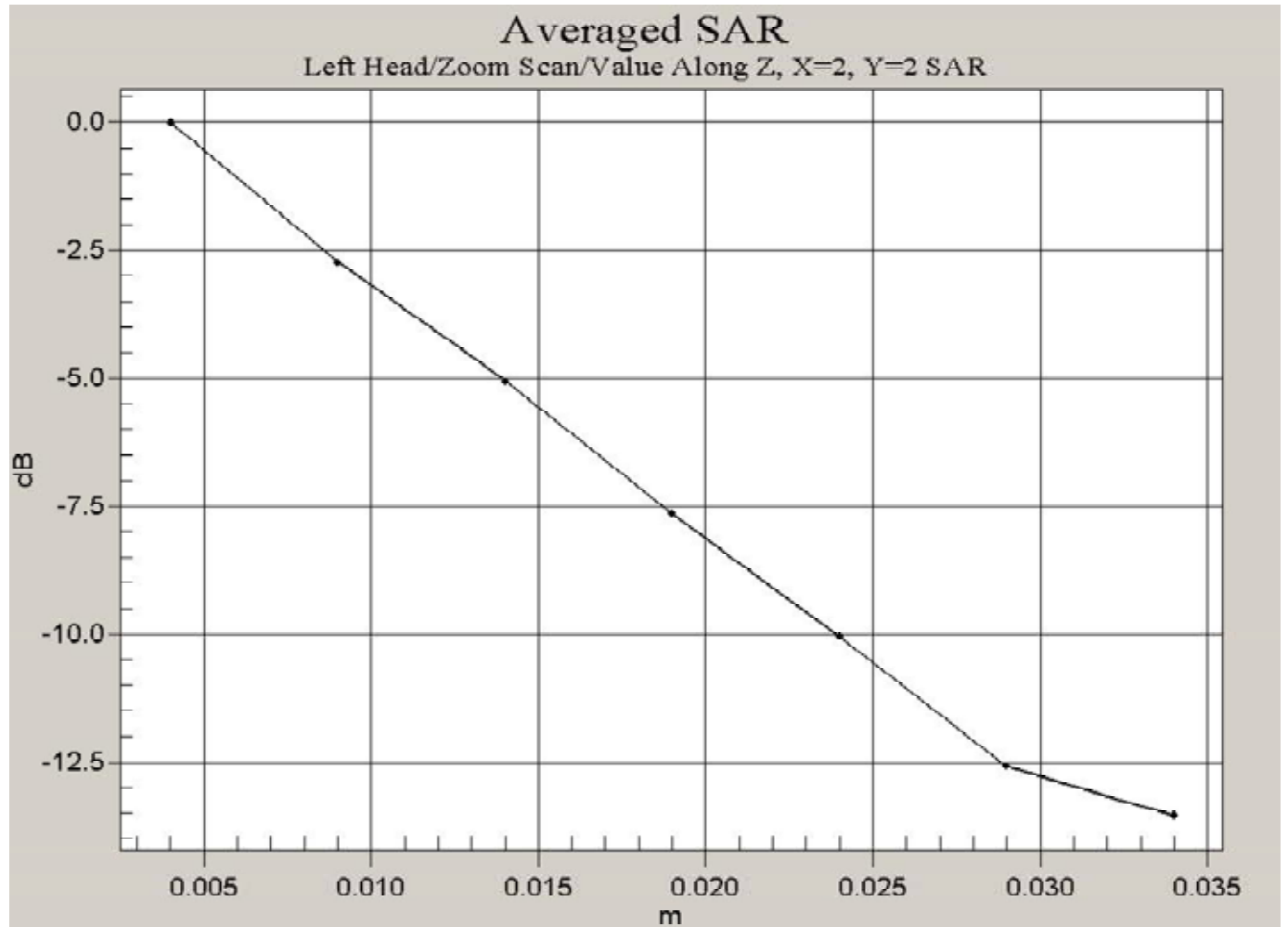
Body-worn/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.0619 mW/g
Reference Value = 6.69 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.165 mW/g



Z-axis Scanning Data for Worst Case

Handset

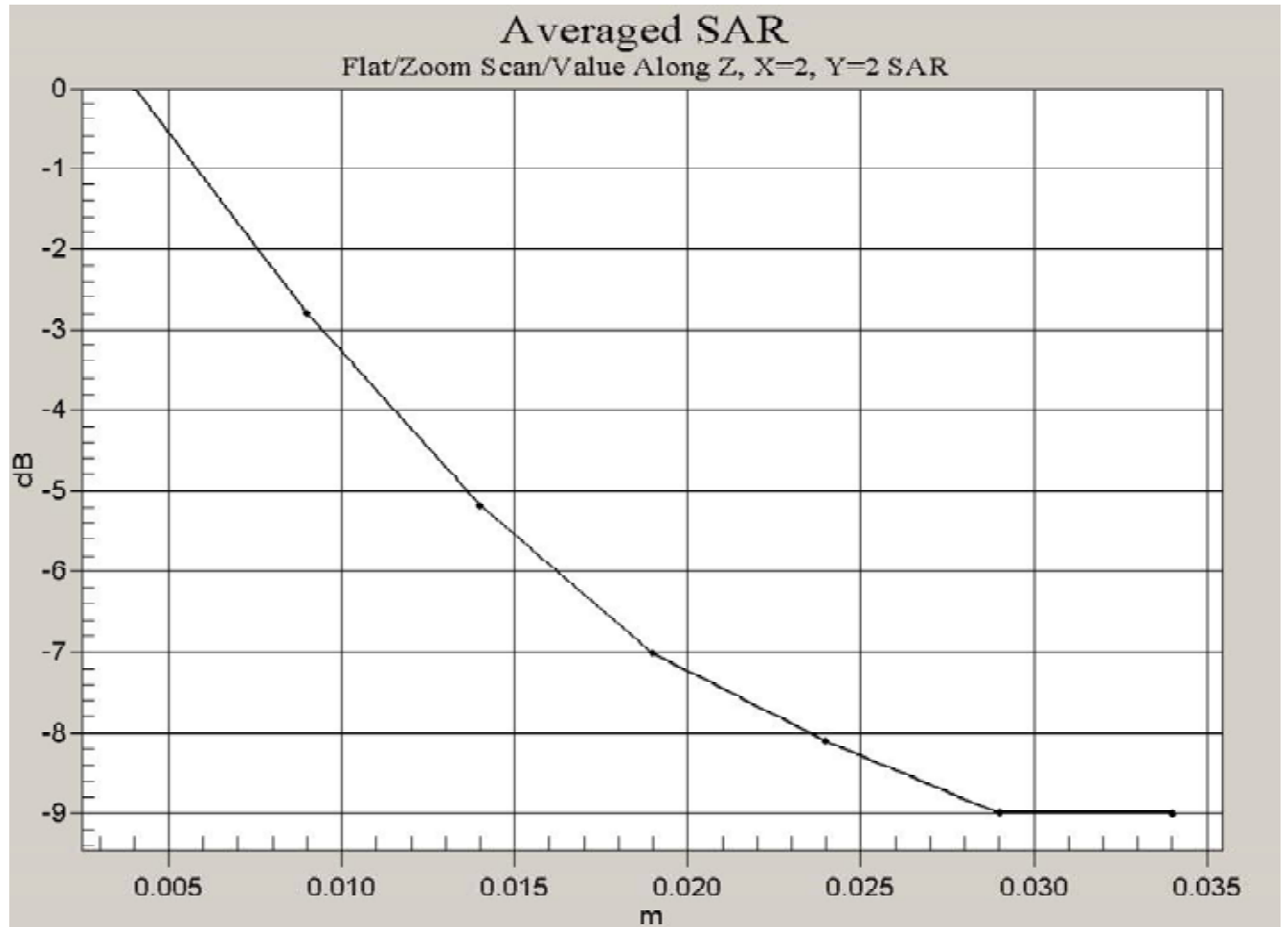
Left Head Ear/Tilt(01ch 2400.914355 MHz)



Z-axis Scanning Data for Worst Case

Handset

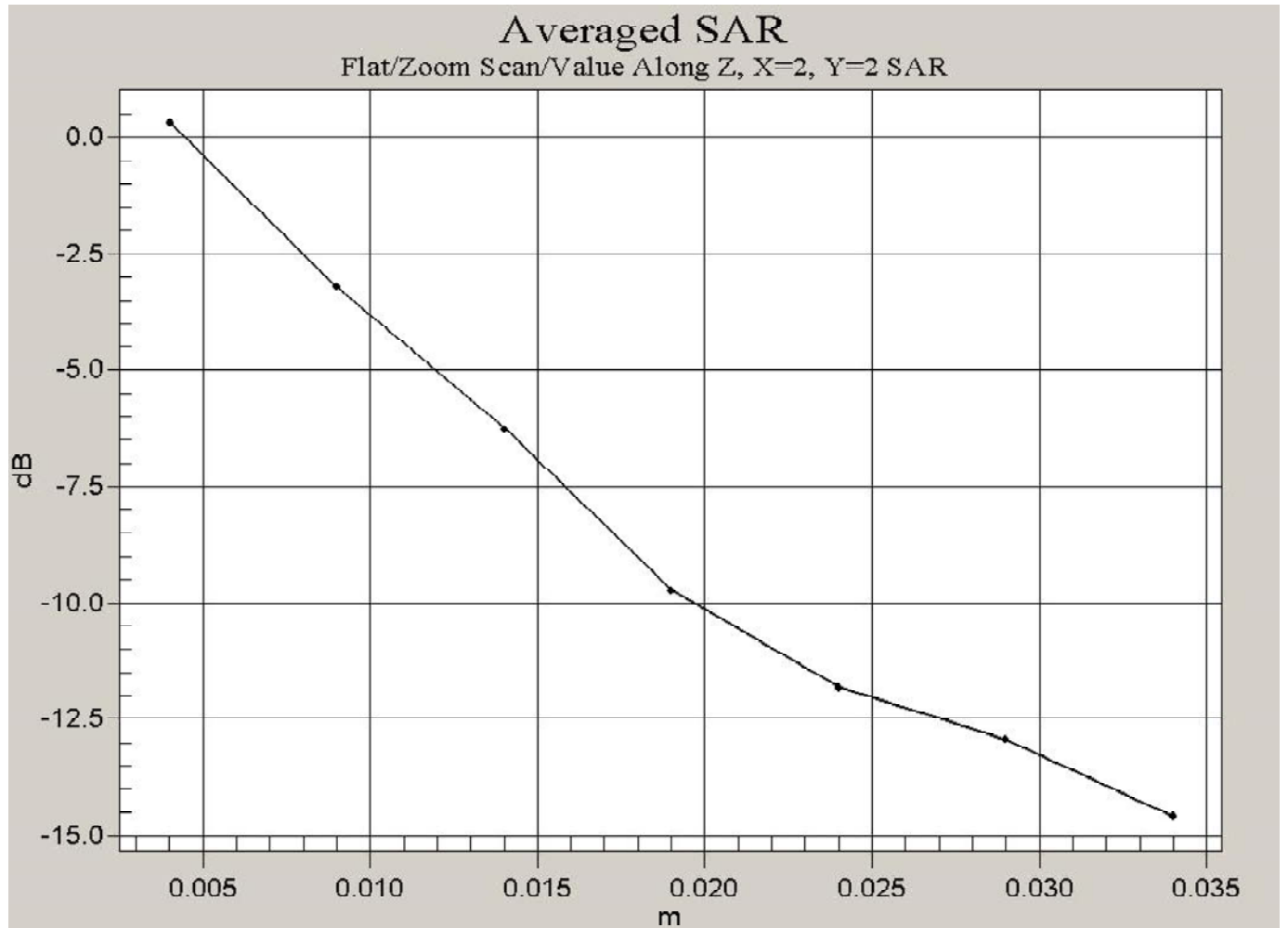
Flat(01ch 2400.914355 MHz)



Z-axis Scanning Data for Worst Case

Base Unit

Flat(45ch 2440.156641 MHz)Cube 0



Z-axis Scanning Data for Worst Case

Base Unit

Flat(45ch 2440.156641 MHz)Cube 1

