

**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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

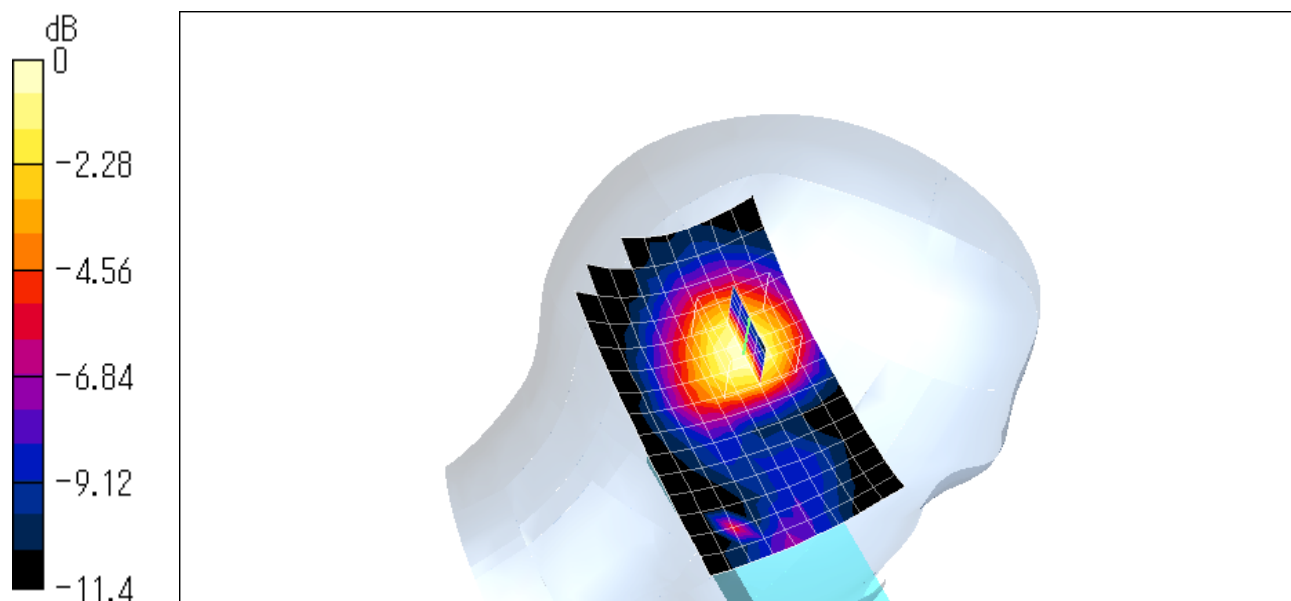
Peak SAR (extrapolated) = 0.0673 W/kg

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



0 dB = 0.035mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

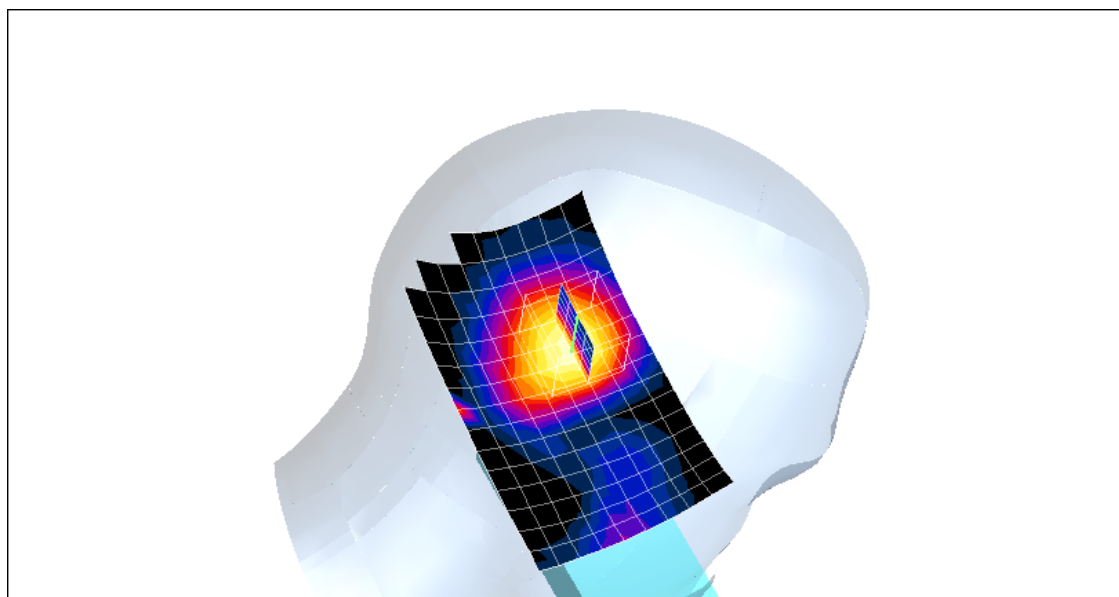
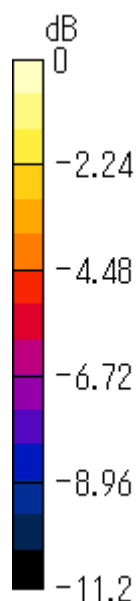
Peak SAR (extrapolated) = 0.0655 W/kg

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



0 dB = 0.033mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

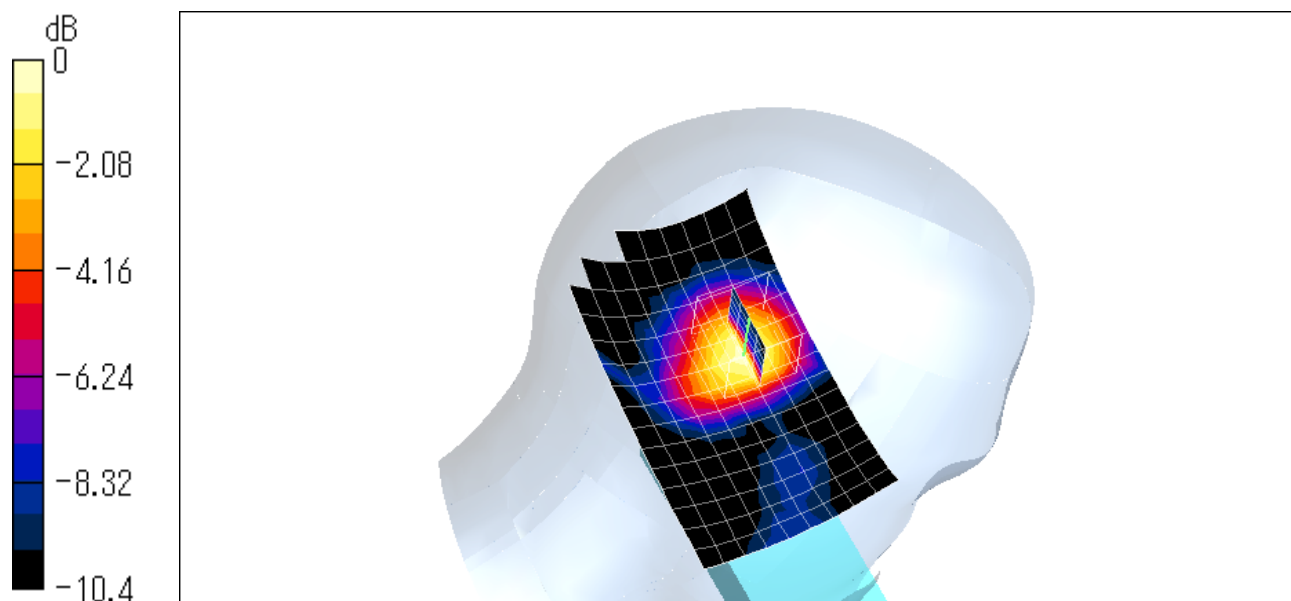
Peak SAR (extrapolated) = 0.0736 W/kg

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



0 dB = 0.0325mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

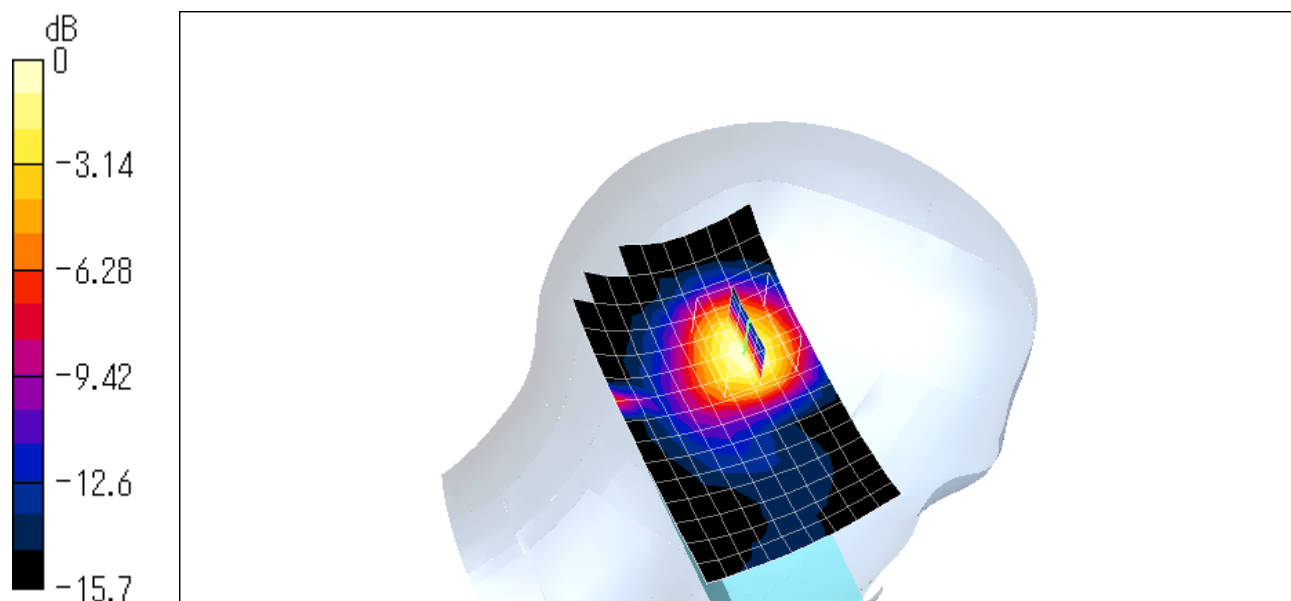
Peak SAR (extrapolated) = 0.186 W/kg

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



0 dB = 0.1mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

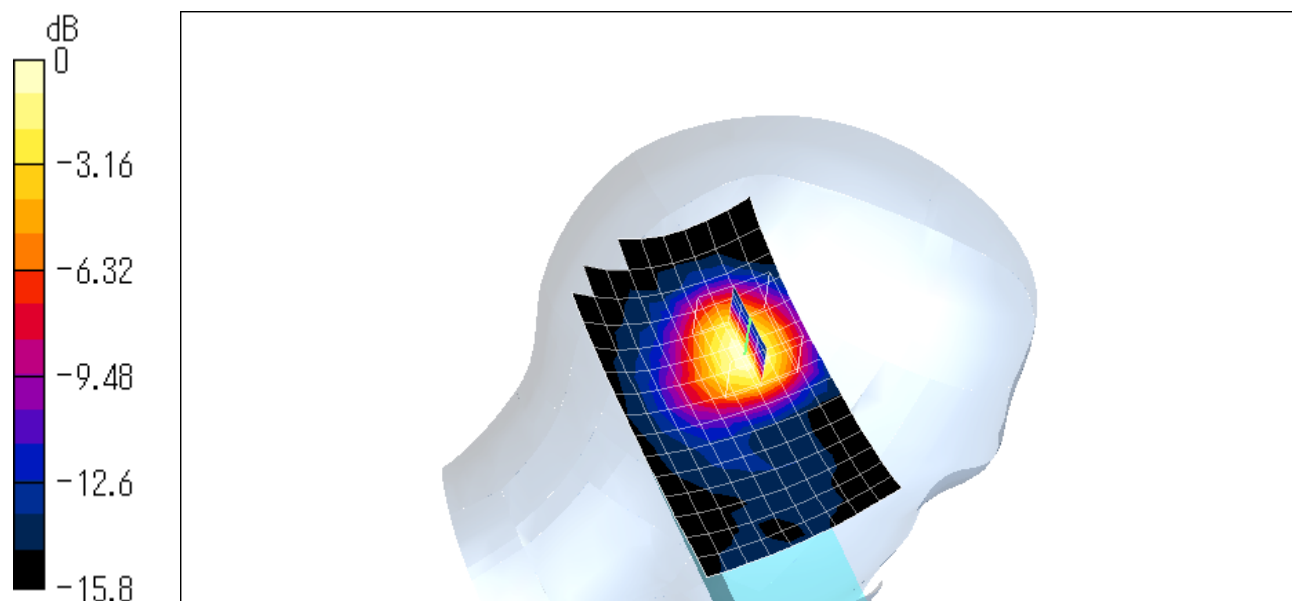
Peak SAR (extrapolated) = 0.164 W/kg

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



0 dB = 0.0889mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

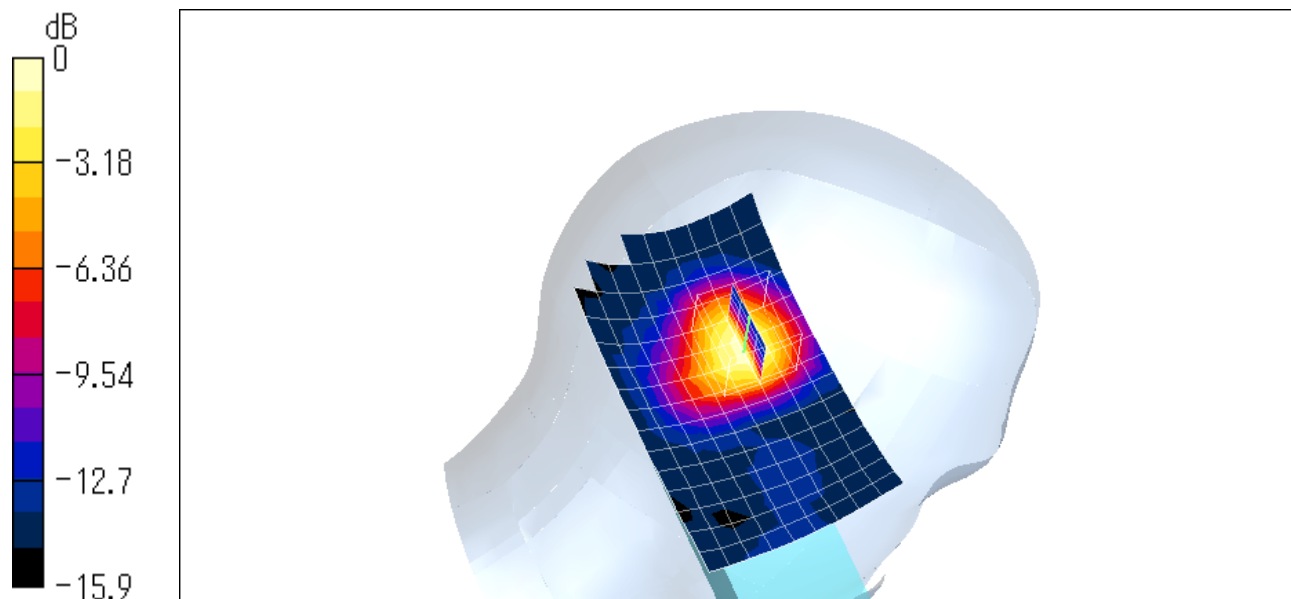
Peak SAR (extrapolated) = 0.139 W/kg

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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

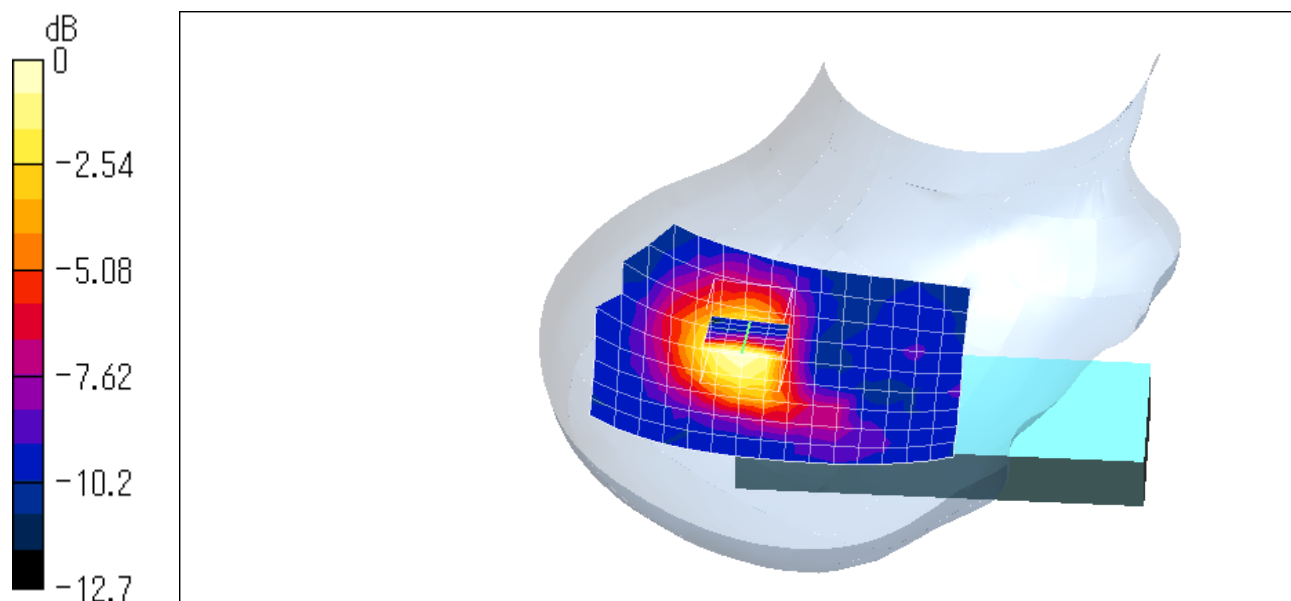
Peak SAR (extrapolated) = 0.0724 W/kg

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



0 dB = 0.0288mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

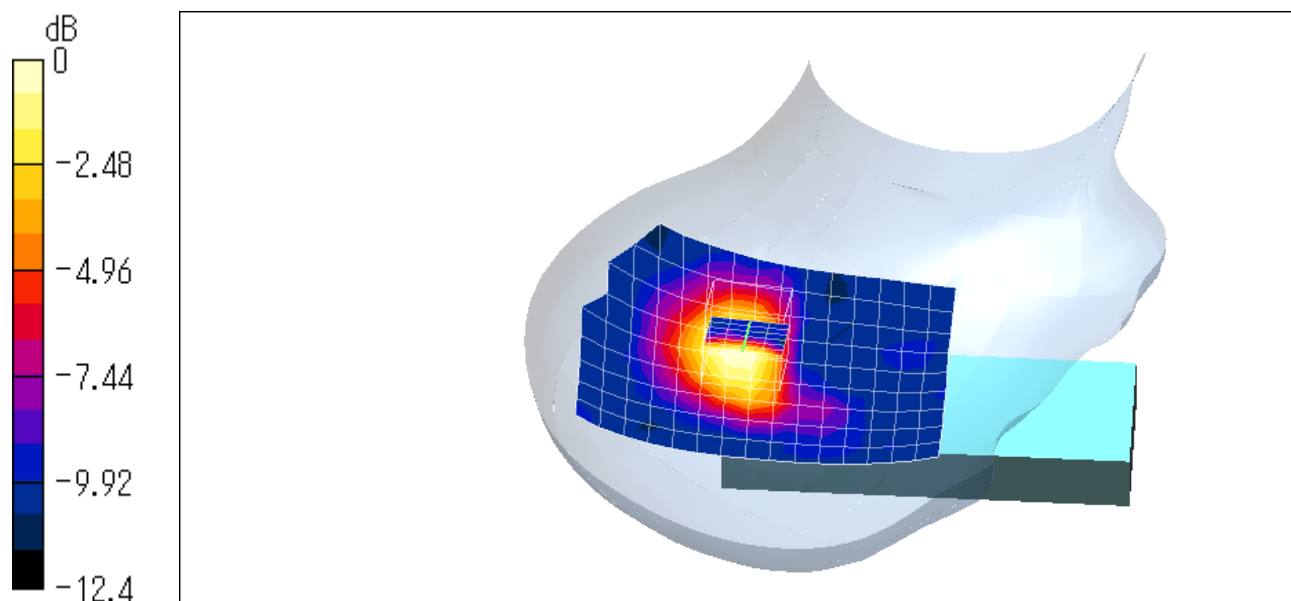
Peak SAR (extrapolated) = 0.0673 W/kg

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



0 dB = 0.0314mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

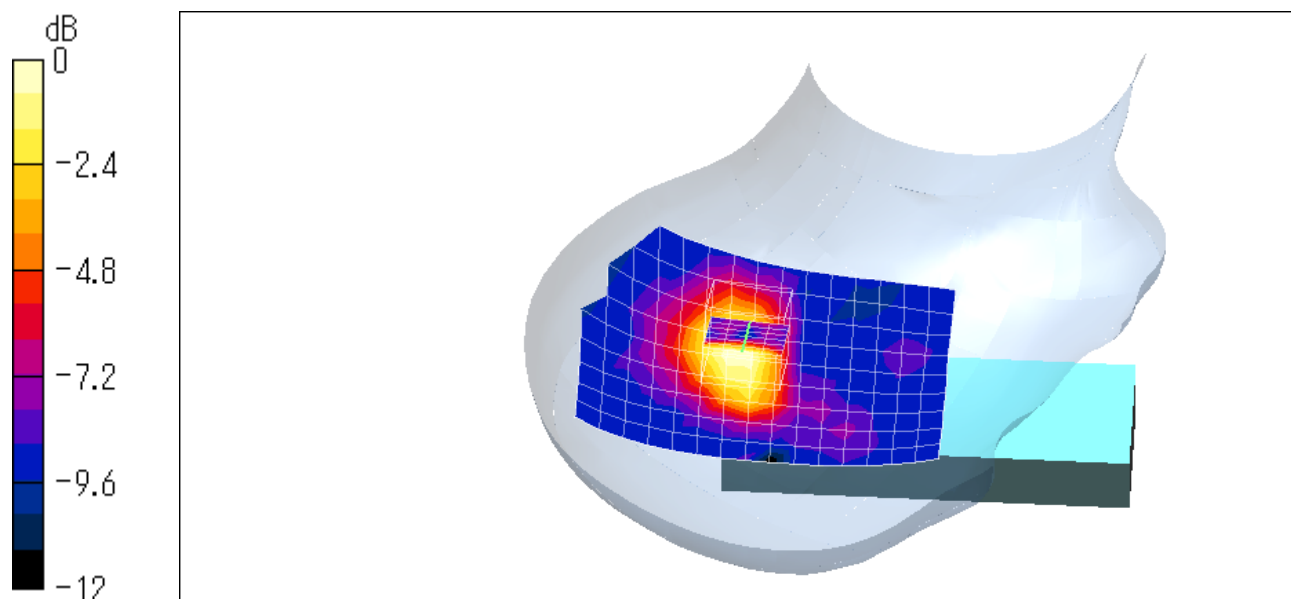
Peak SAR (extrapolated) = 0.0715 W/kg

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



0 dB = 0.0235mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

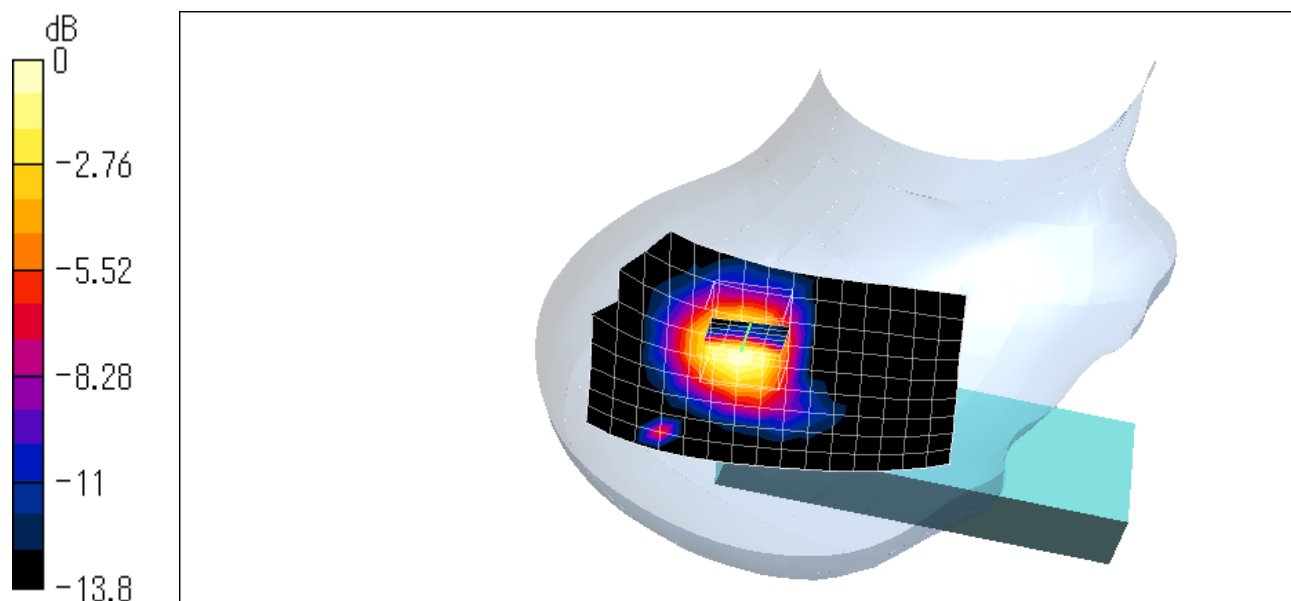
Peak SAR (extrapolated) = 0.124 W/kg

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



0 dB = 0.0657mW/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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

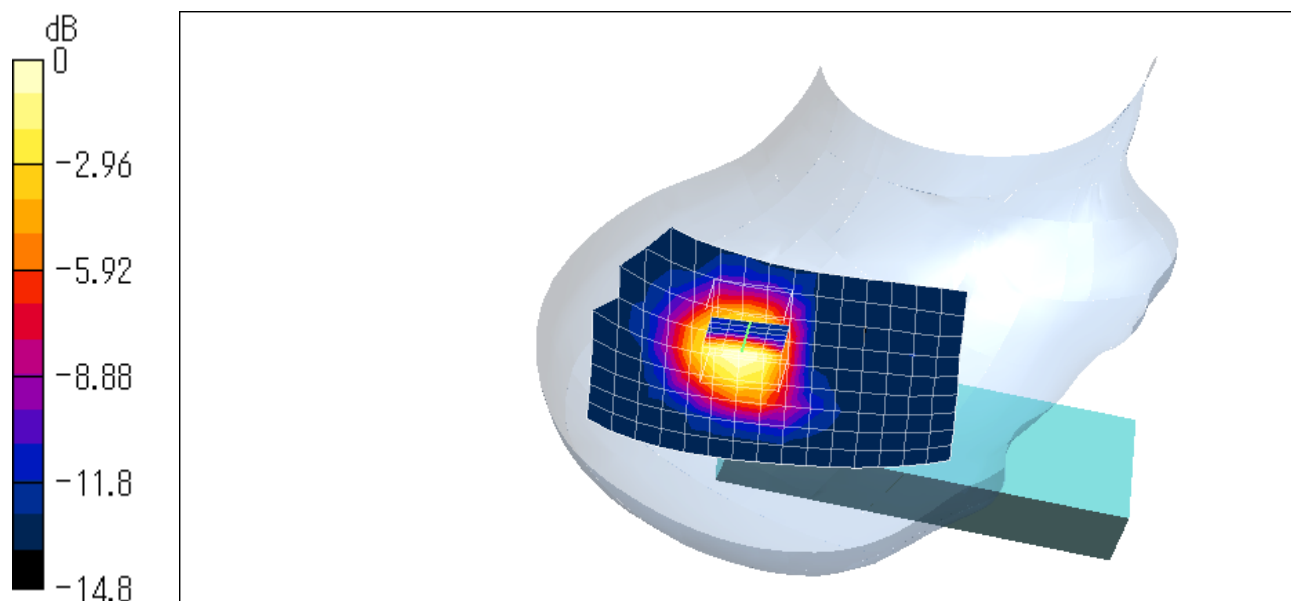
Peak SAR (extrapolated) = 0.0976 W/kg

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 ( $\sigma = 1.835$  mho/m,  $\epsilon_r = 37.82$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

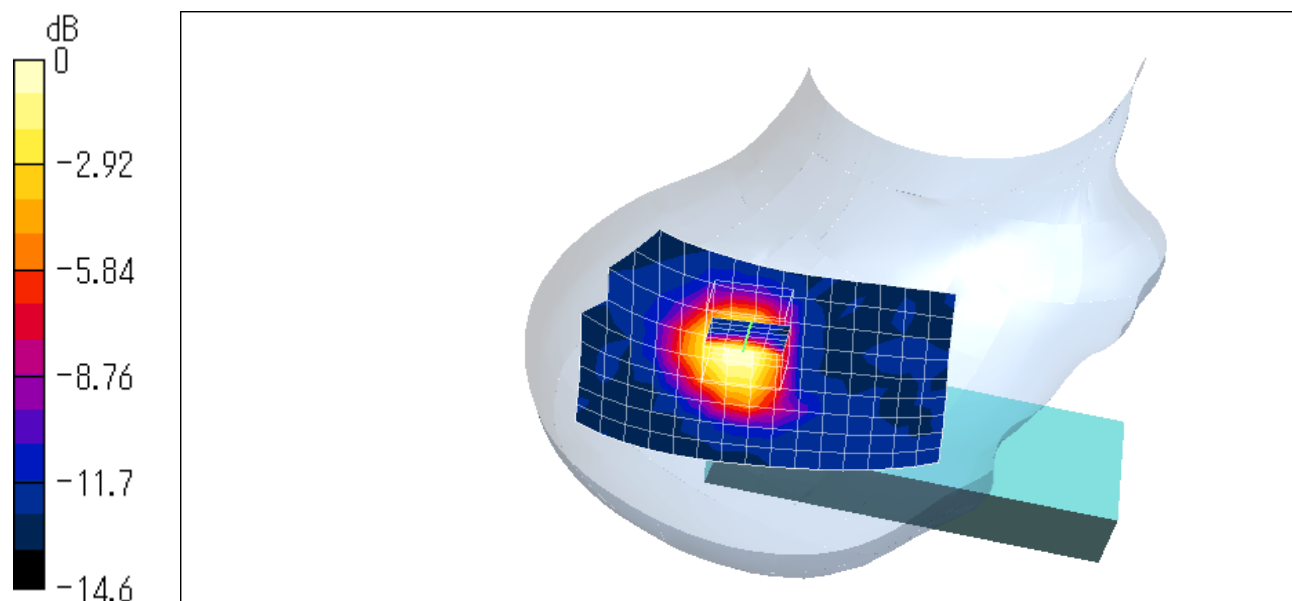
Peak SAR (extrapolated) = 0.0901 W/kg

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



0 dB = 0.0496mW/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 ( $\sigma = 1.993$  mho/m,  $\epsilon_r = 53.17$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

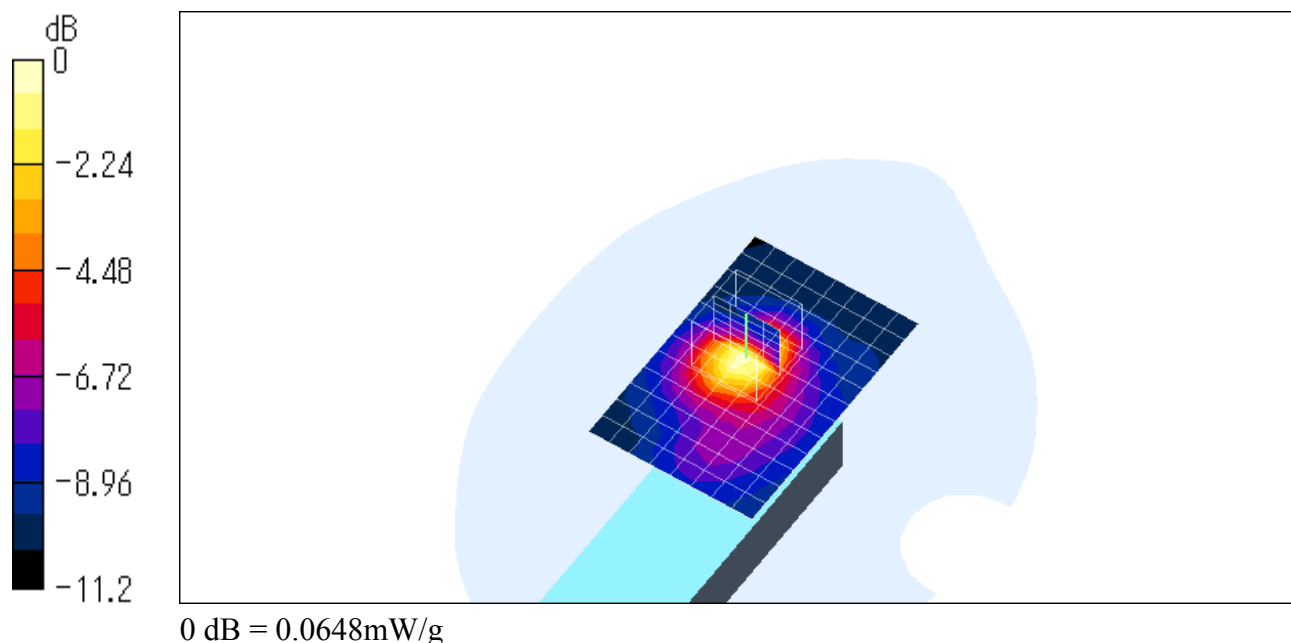
Peak SAR (extrapolated) = 0.274 W/kg

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 ( $\sigma = 1.993$  mho/m,  $\epsilon_r = 53.17$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

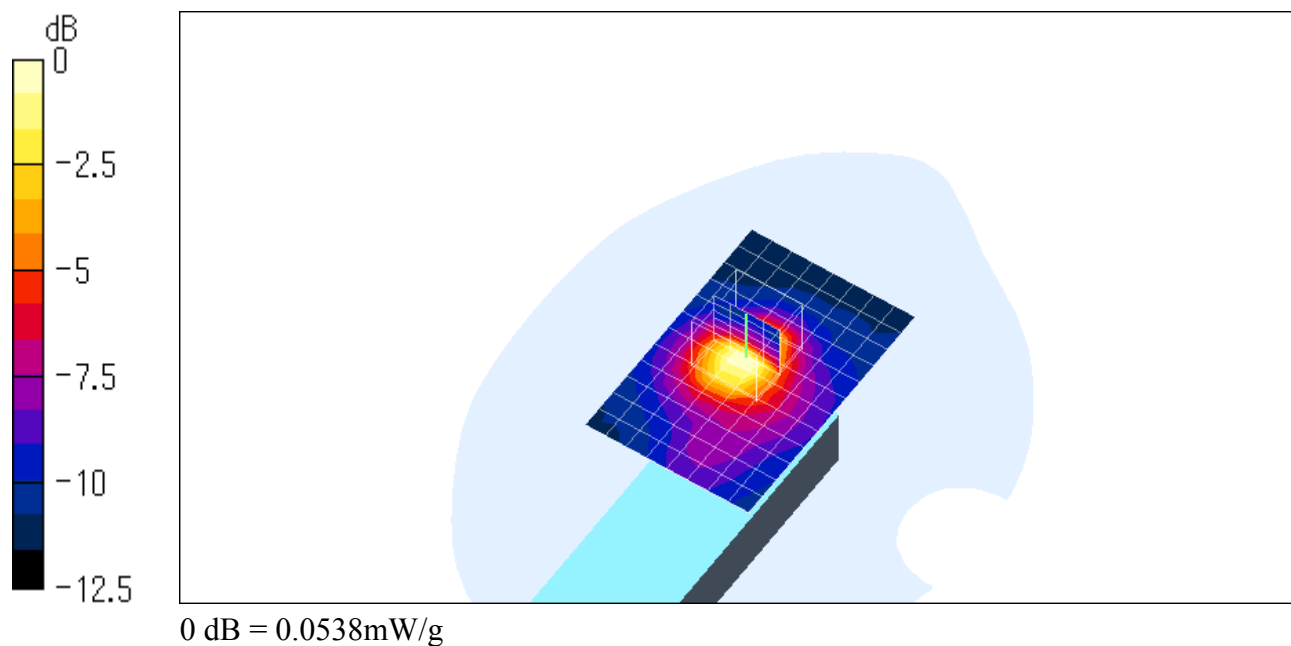
Peak SAR (extrapolated) = 0.161 W/kg

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 ( $\sigma = 1.993$  mho/m,  $\epsilon_r = 53.17$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

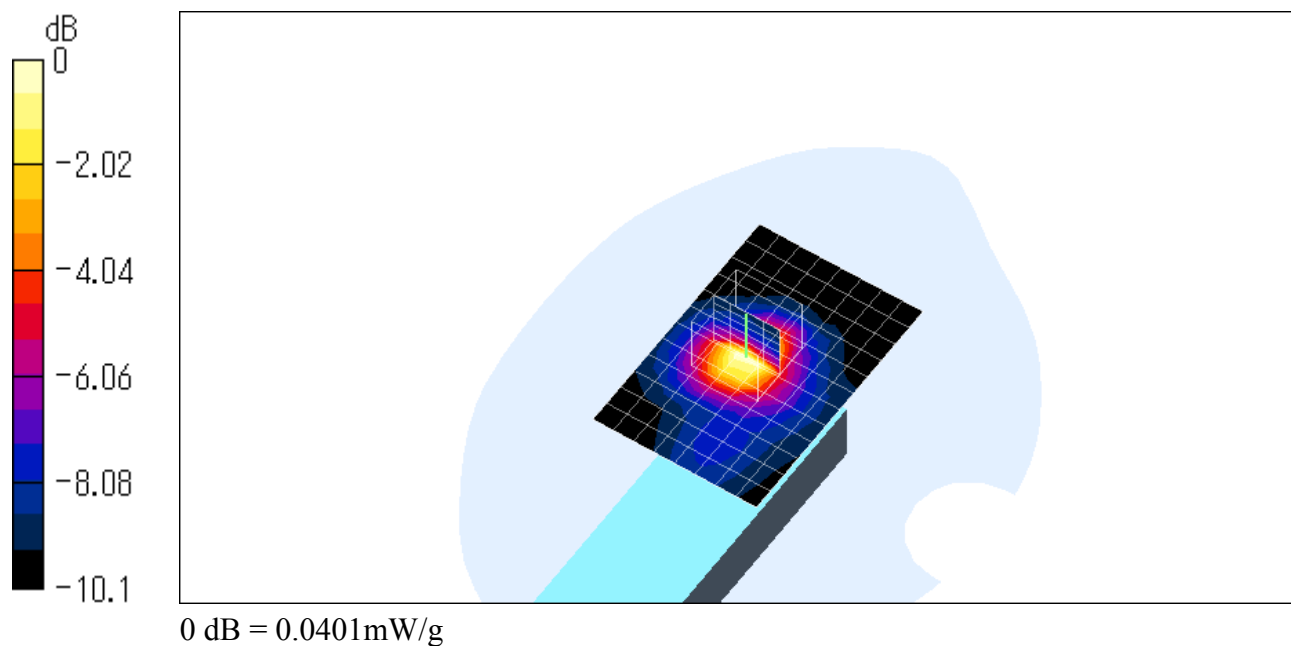
Peak SAR (extrapolated) = 0.269 W/kg

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: DASYS4 (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: DASYS4, 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

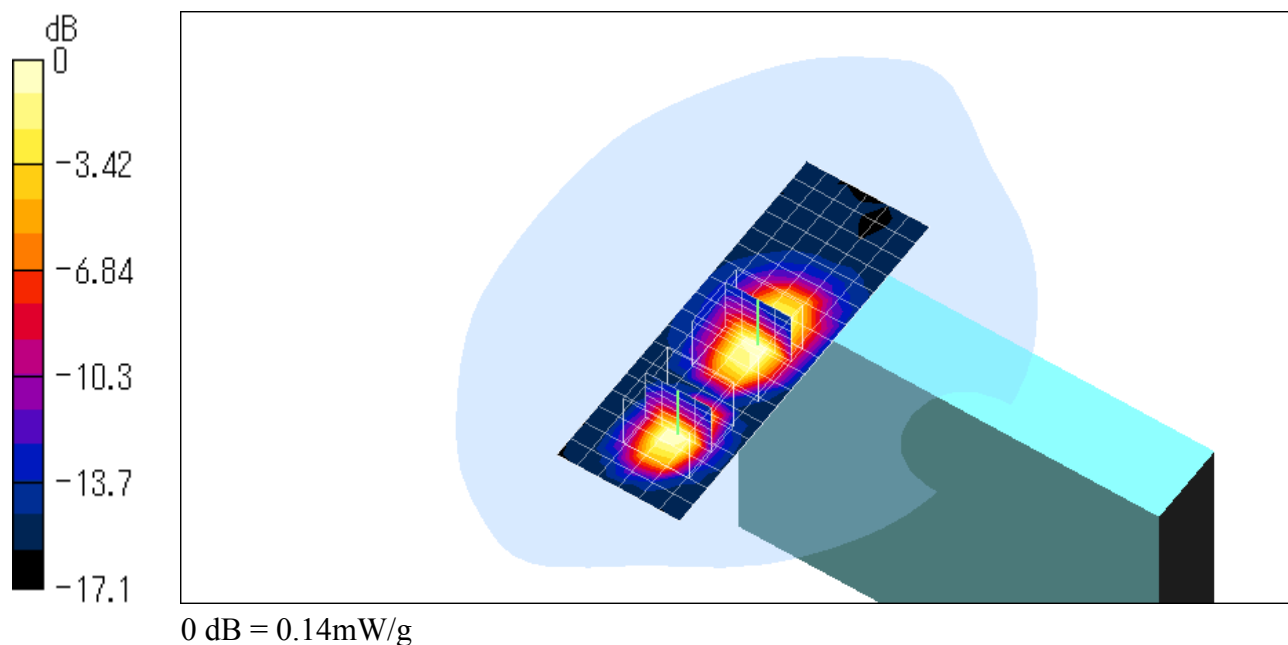
Peak SAR (extrapolated) = 0.344 W/kg

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 ( $\sigma = 1.993$  mho/m,  $\epsilon_r = 53.17$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

Measurement Standard: DASYS4 (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: DASYS4, 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

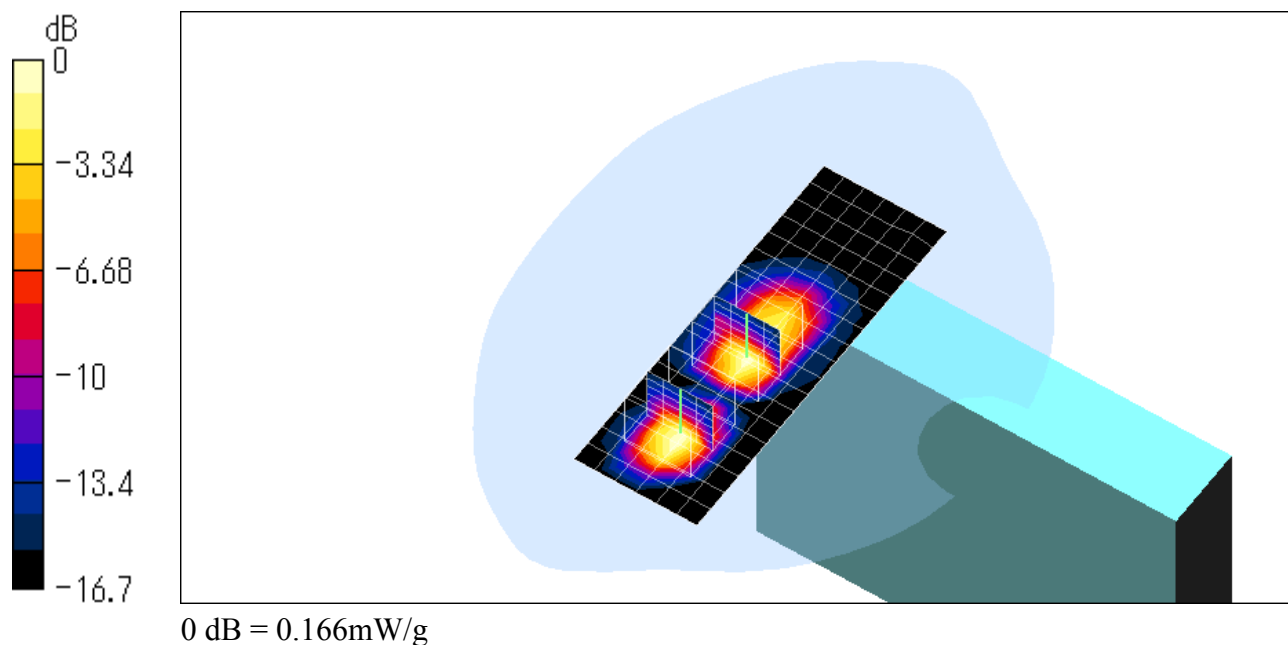
Peak SAR (extrapolated) = 0.429 W/kg

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 ( $\sigma = 1.993$  mho/m,  $\epsilon_r = 53.17$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section

Measurement Standard: DAS4 (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: DAS4, 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

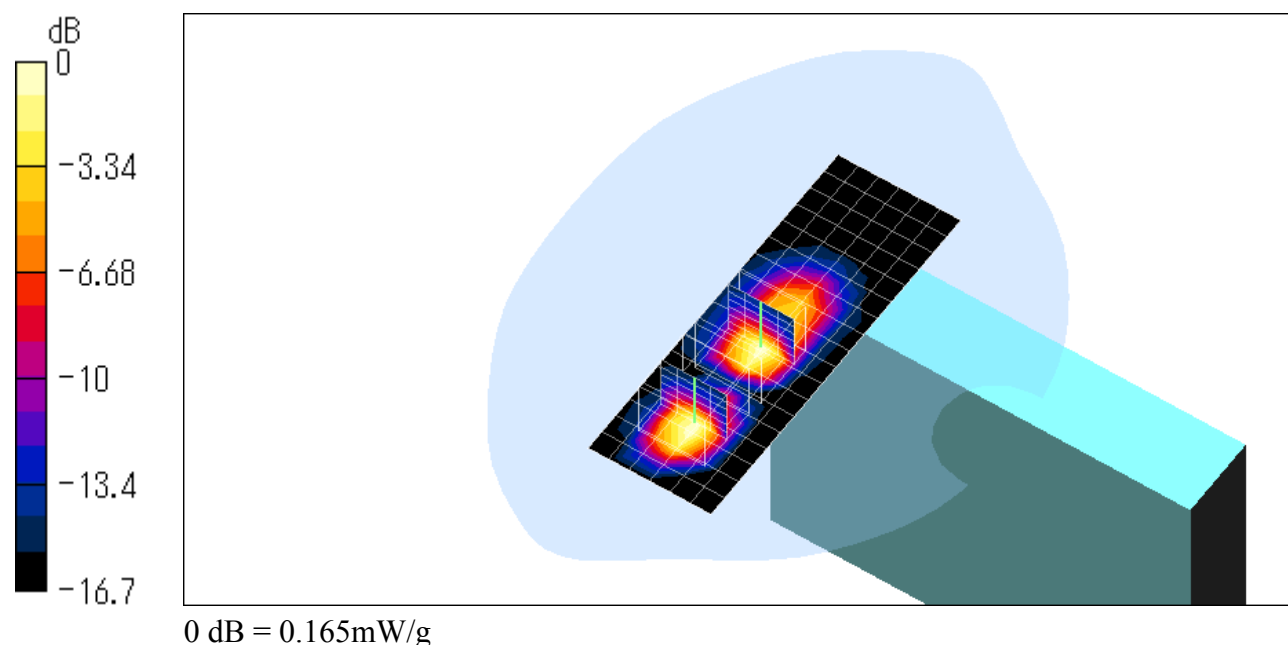
Peak SAR (extrapolated) = 0.525 W/kg

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

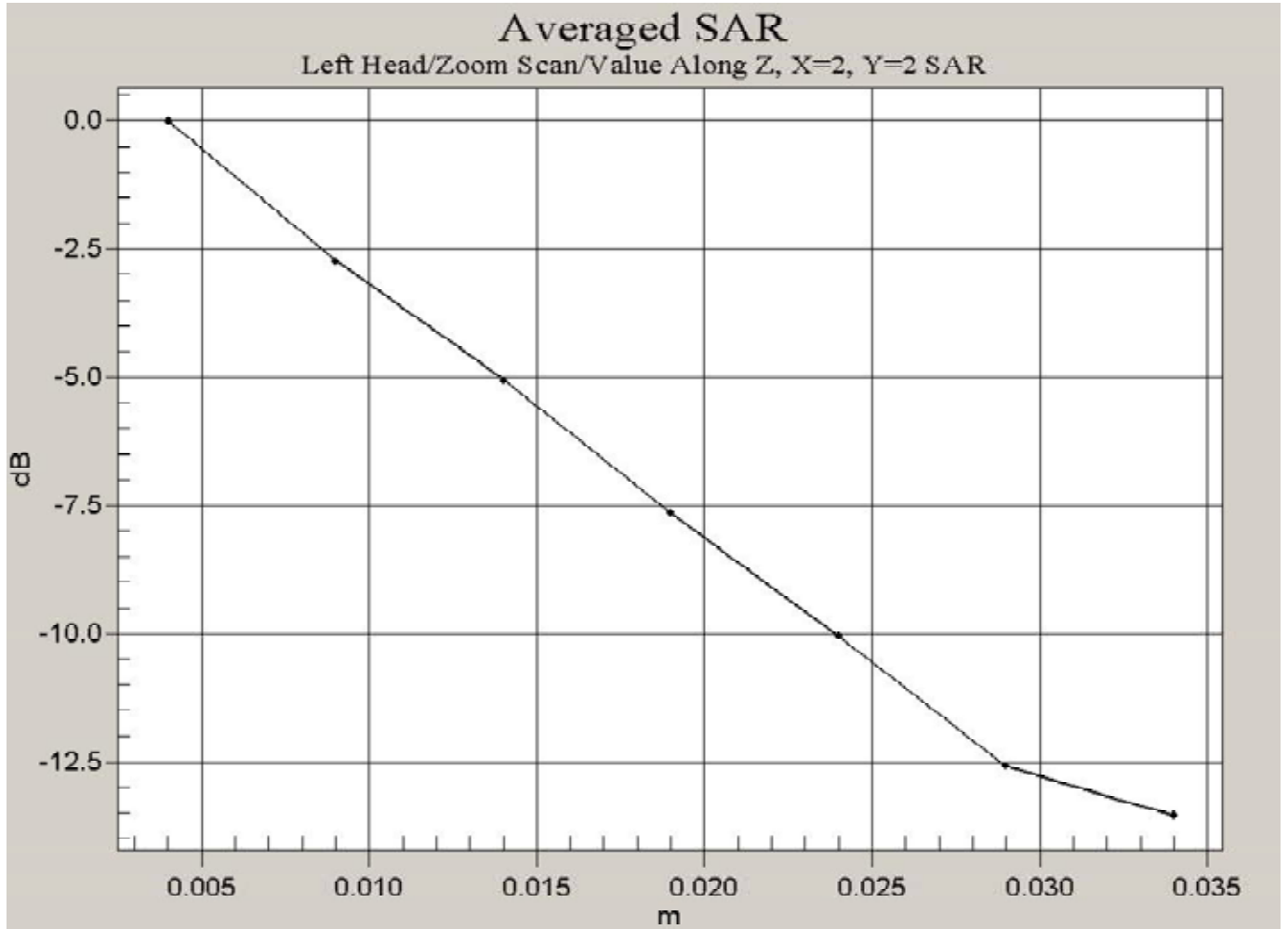
Maximum value of SAR = 0.165 mW/g



**Z-axis Scanning Data for Worst Case**

**Handset**

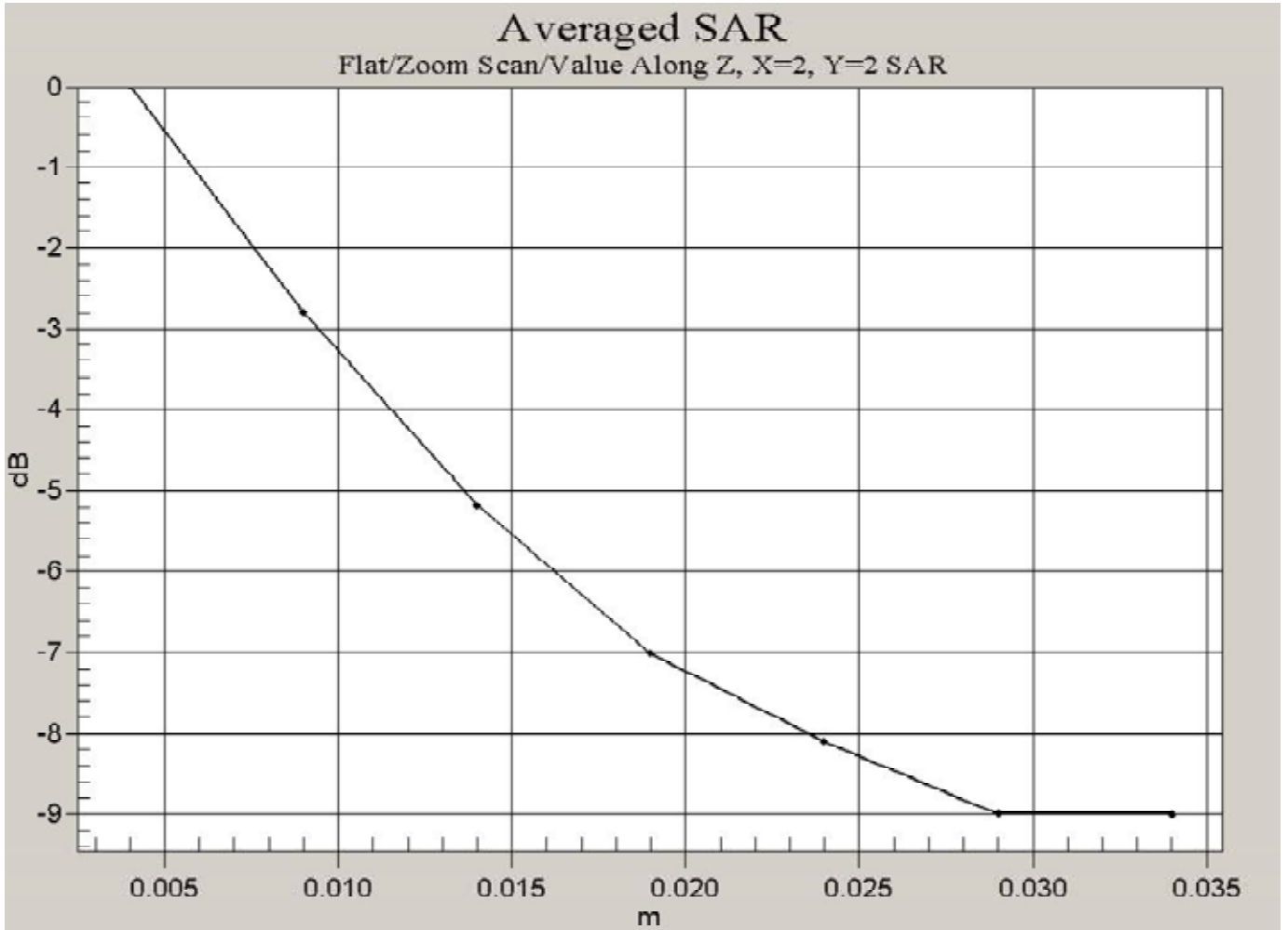
Left Head Ear/Tilt(01ch 2400.914355 MHz)



# Z-axis Scanning Data for Worst Case

Handset

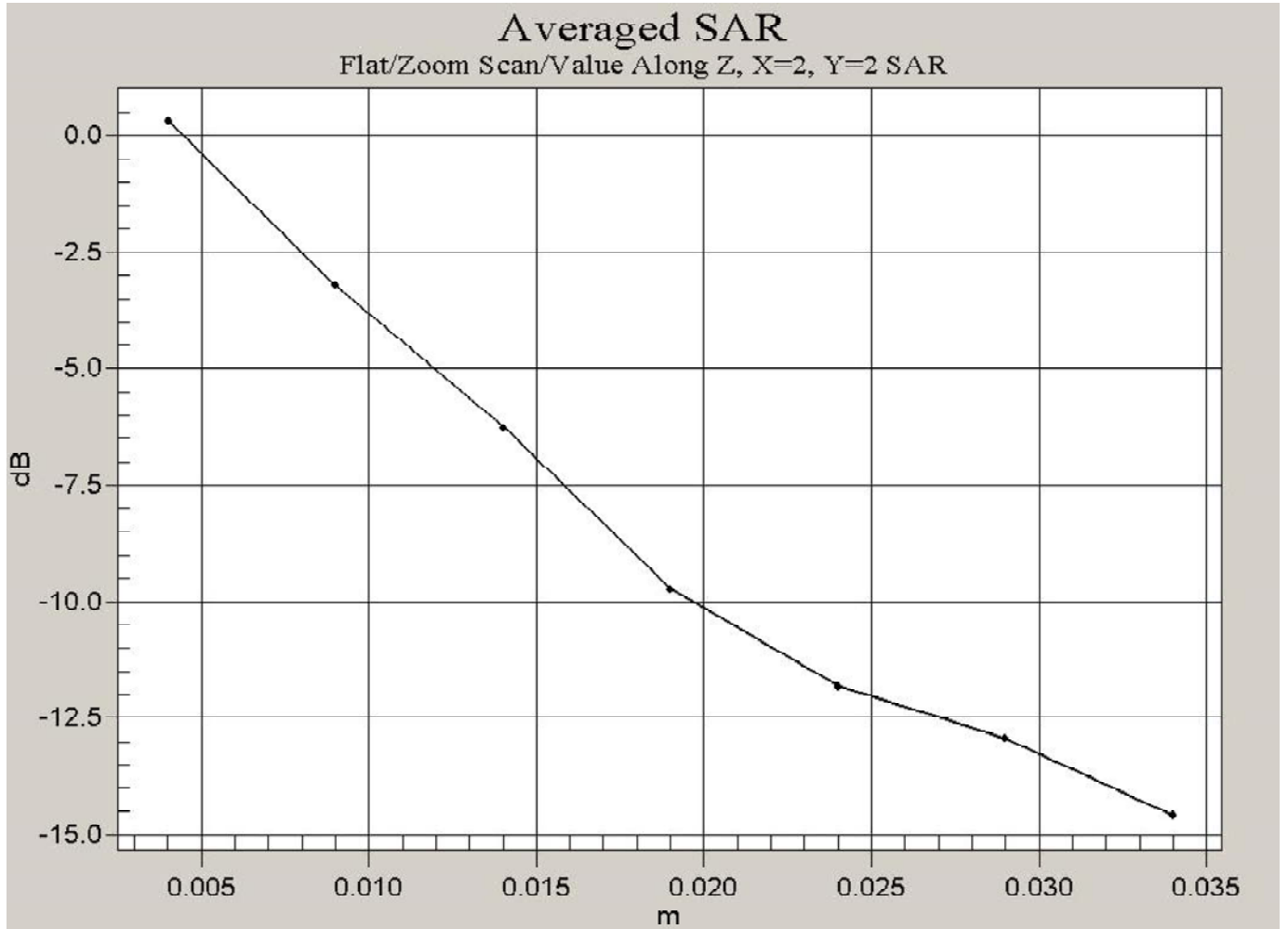
Flat(01ch 2400.914355 MHz)



# 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

