



Attachment 2 – SAR Test Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 1ch (2400.914355MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2401 MHz; Duty Cycle: 1:5.2

Medium: HSL2450 Medium parameters used: $f = 2401$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.33, 4.33, 4.33); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch Position/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.178 mW/g

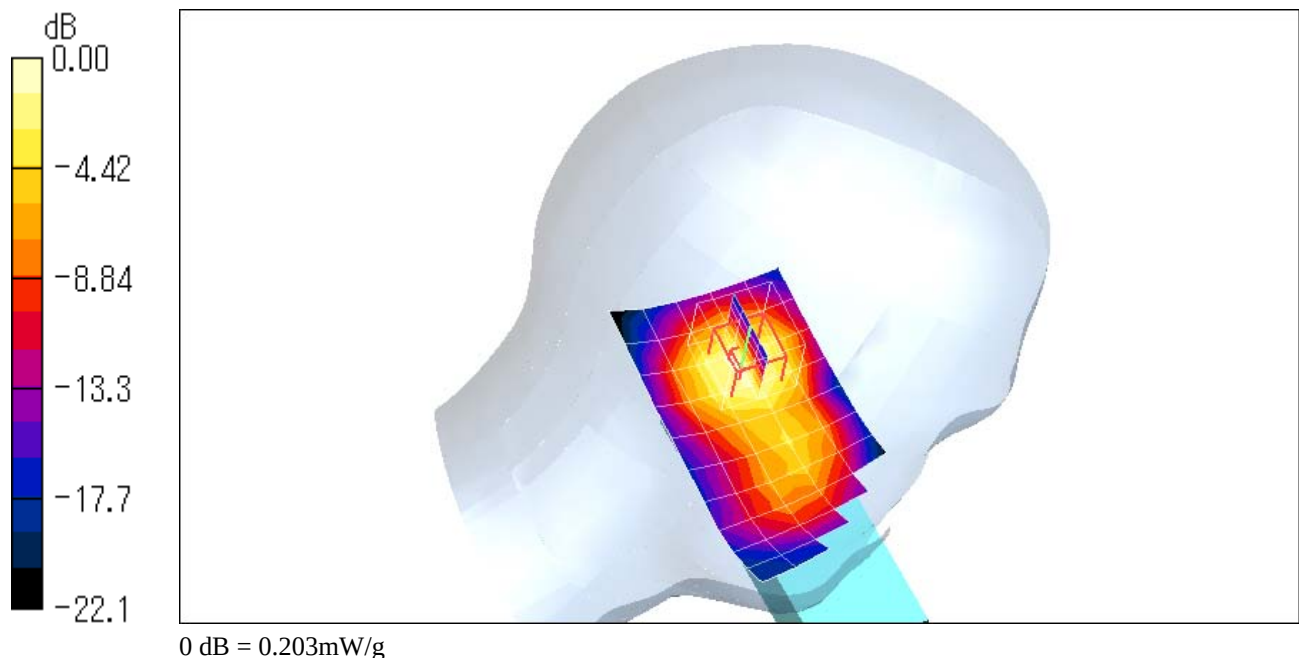
Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.203 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 1ch (2400.914355MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2401 MHz; Duty Cycle: 1:5.2

Medium: HSL2450 Medium parameters used: $f = 2401$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

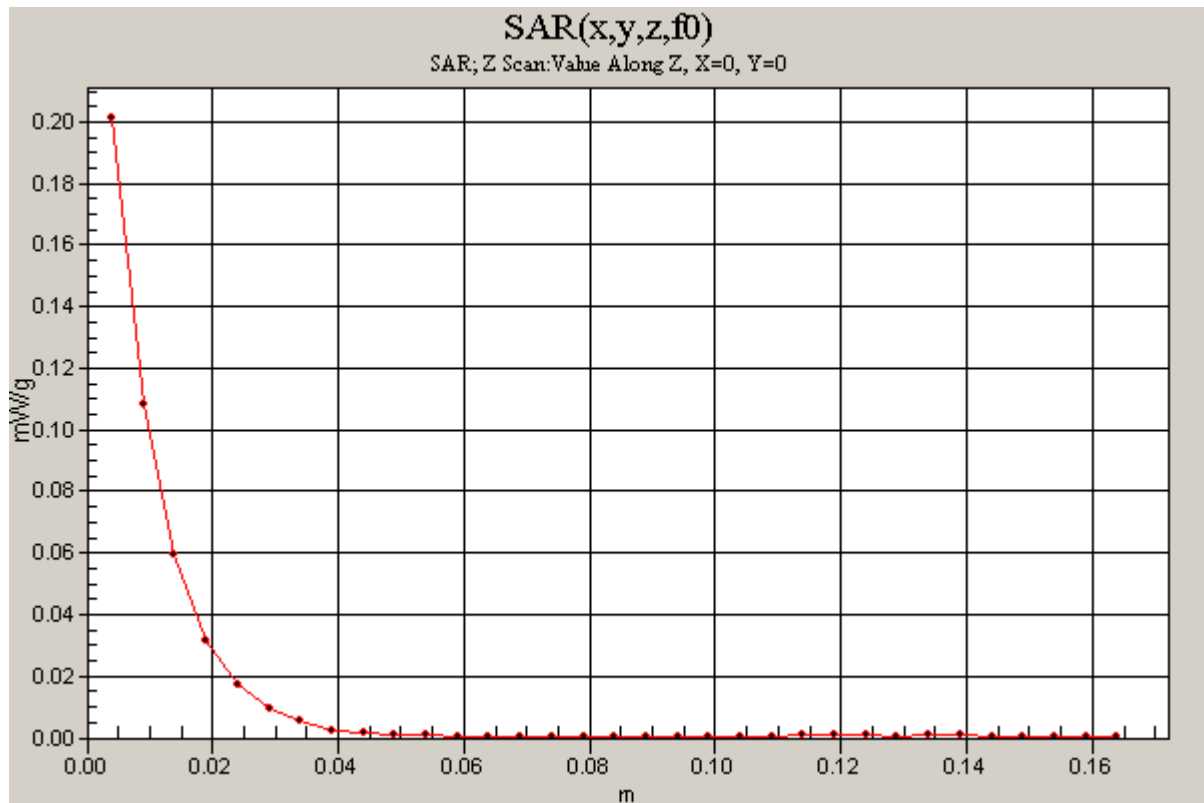
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.33, 4.33, 4.33); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch Position/Z Scan (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.201 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 45ch (2440.156641MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:5.2

Medium: HSL2450 Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.83 \text{ mho/m}$; $\epsilon_r = 37.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.33, 4.33, 4.33); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch Position/Area Scan (11x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.162 mW/g

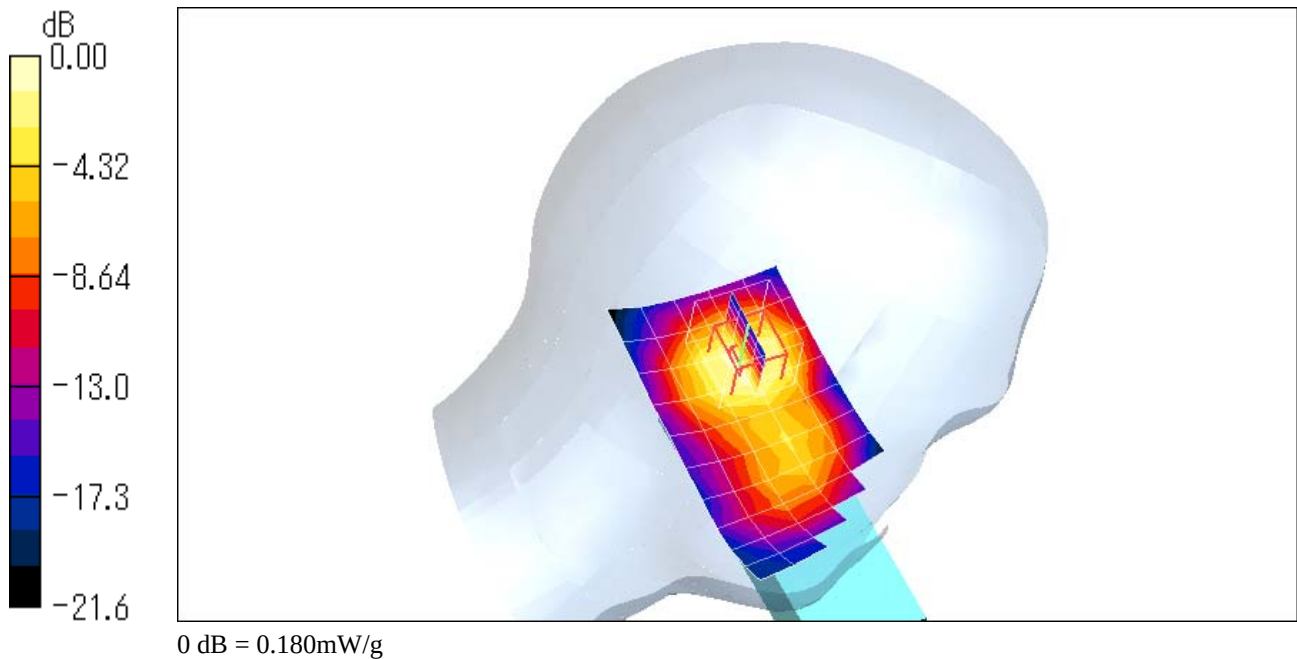
Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.2 V/m ; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.168 mW/g ; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 90ch (2480.292773MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2480 MHz; Duty Cycle: 1:5.2

Medium: HSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.33, 4.33, 4.33); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASy4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch Position/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.149 mW/g

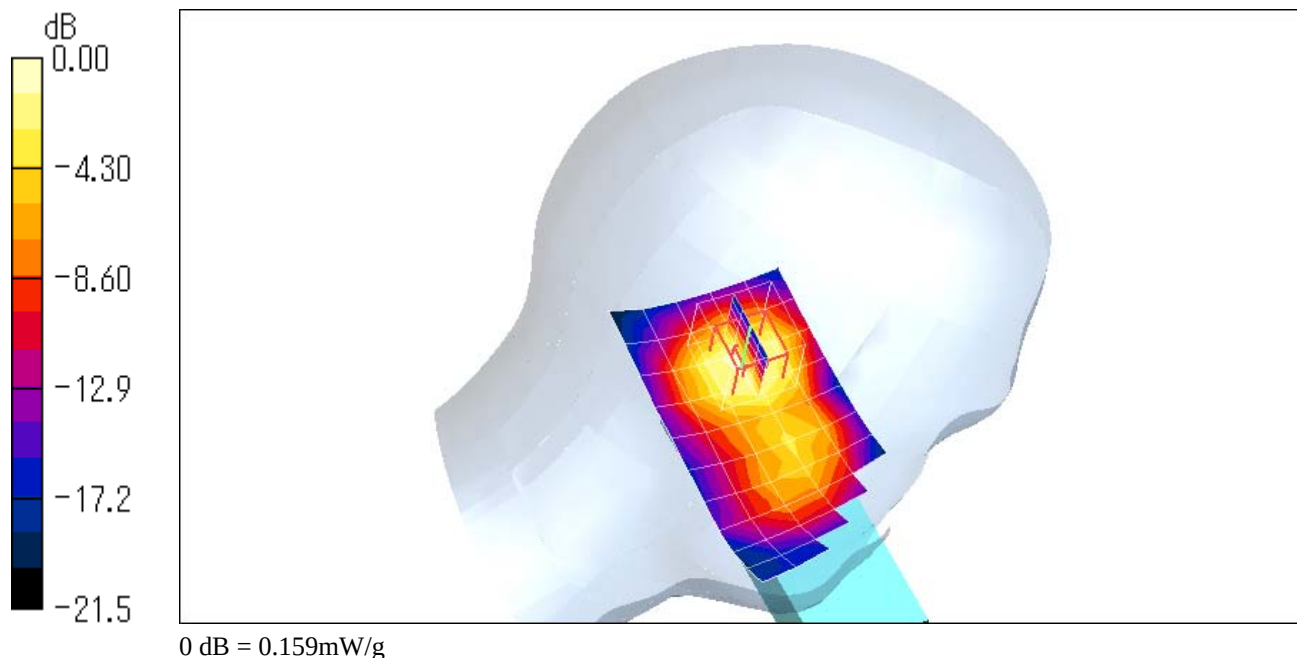
Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.57 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.159 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Ear/Tilt 45ch (2440.156641MHz)**DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --**

Communication System: FHSS; Frequency: 2440 MHz;Duty Cycle: 1:5.2

Medium: HSL2450 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.33, 4.33, 4.33); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Ear/Tilt Position/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.151 mW/g

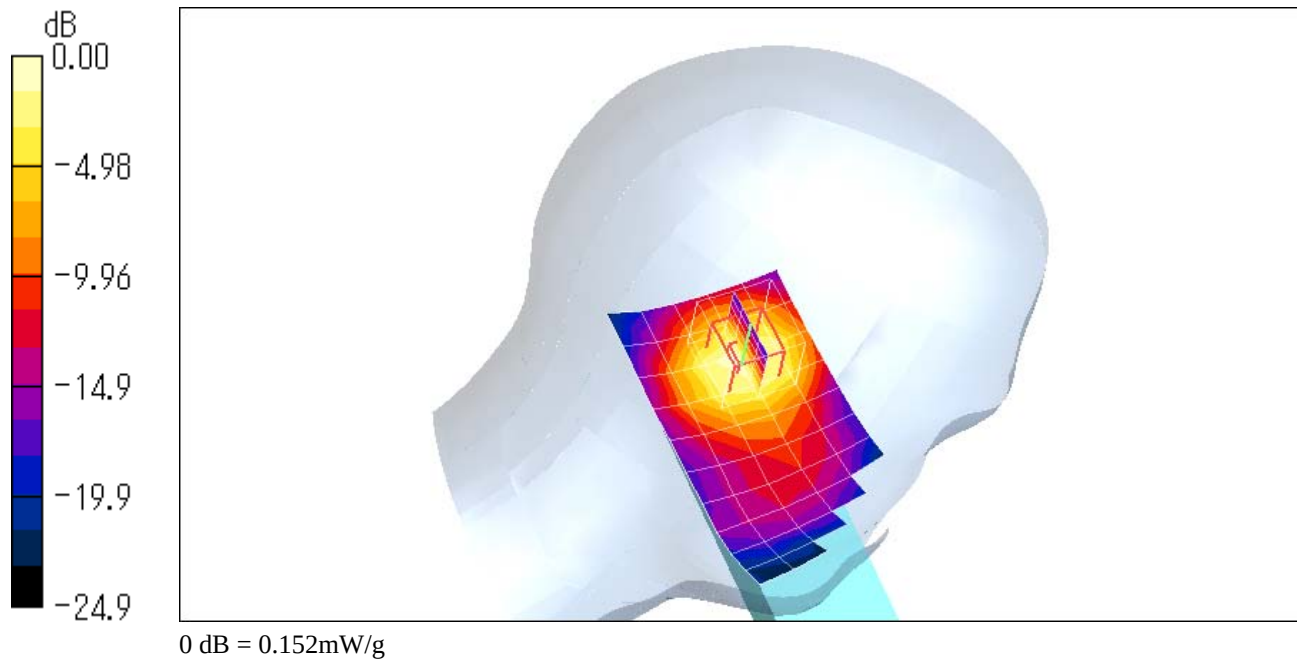
Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.07 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.152 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Cheek/Touch 45ch (2440.156641MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:5.2

Medium: HSL2450 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.33, 4.33, 4.33); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASy4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch Position/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.140 mW/g

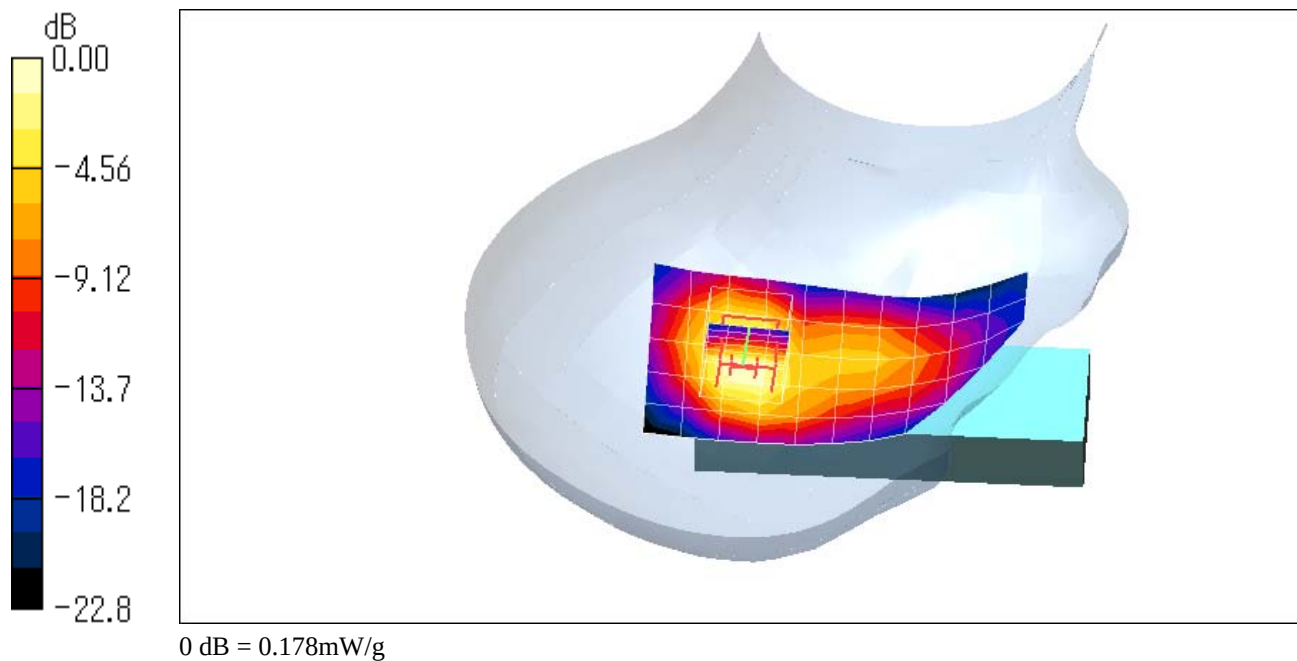
Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.178 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Ear/Tilt 45ch (2440.156641MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:5.2

Medium: HSL2450 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 37.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.33, 4.33, 4.33); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Ear/Tilt Position/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.128 mW/g

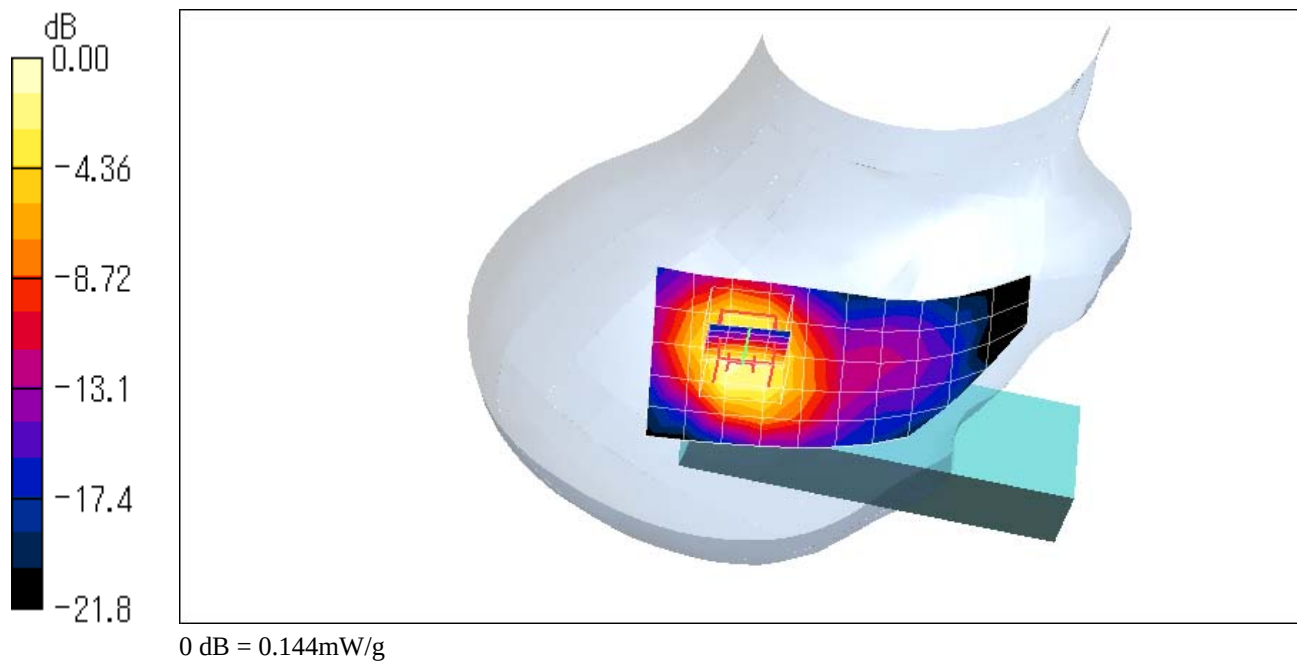
Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.26 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.144 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn 1ch (2400.914355MHz)**DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --**

Communication System: FHSS; Frequency: 2401 MHz;Duty Cycle: 1:5.2

Medium: M2450 Medium parameters used: $f = 2401$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.16, 4.16, 4.16); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-worn/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.199 mW/g

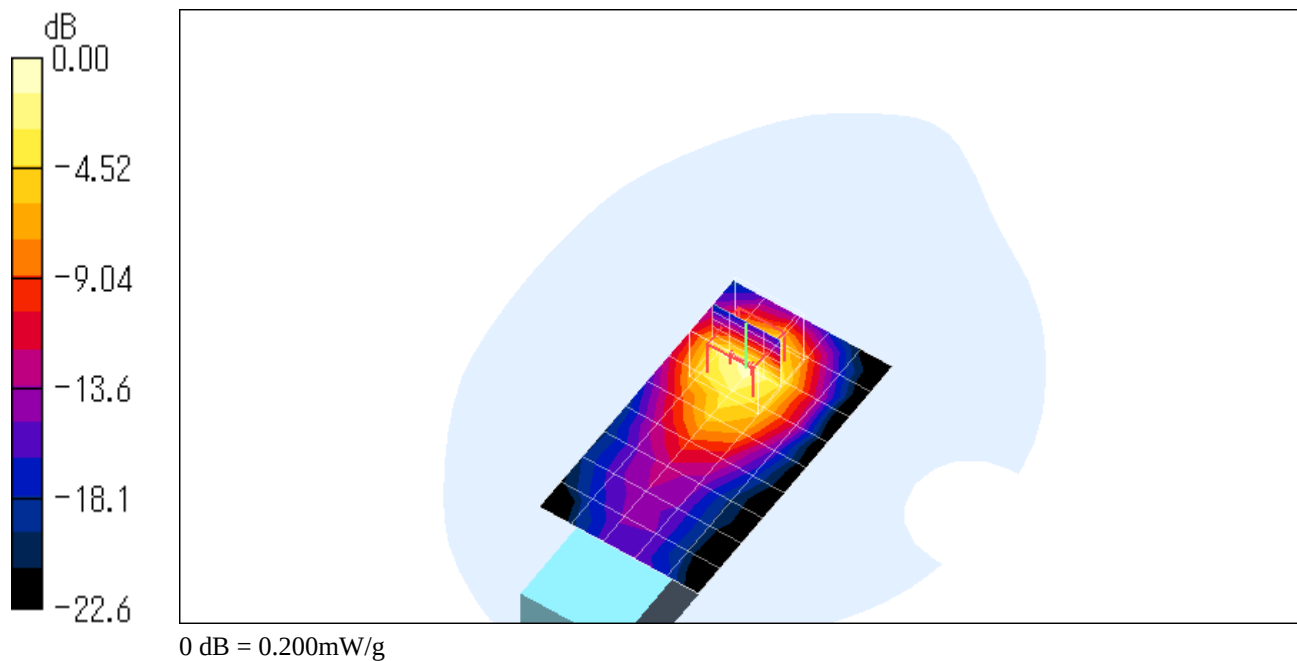
Body-worn/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.02 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn 1ch (2400.914355MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2401 MHz; Duty Cycle: 1:5.2

Medium: M2450 Medium parameters used: $f = 2401 \text{ MHz}$; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

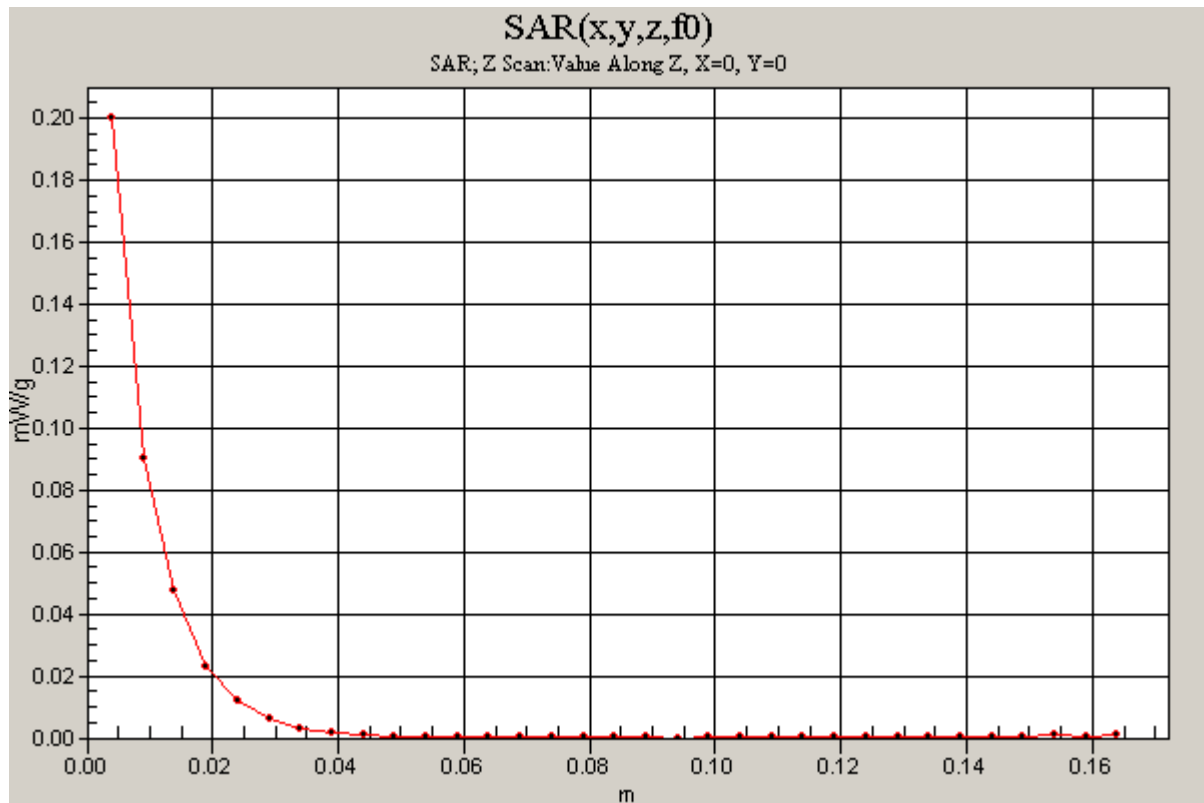
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.16, 4.16, 4.16); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-worn/Z Scan (1x1x33): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Maximum value of SAR (measured) = 0.200 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn 45ch (2440.156641MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2440 MHz; Duty Cycle: 1:5.2

Medium: M2450 Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.16, 4.16, 4.16); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DASy4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-worn/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.164 mW/g

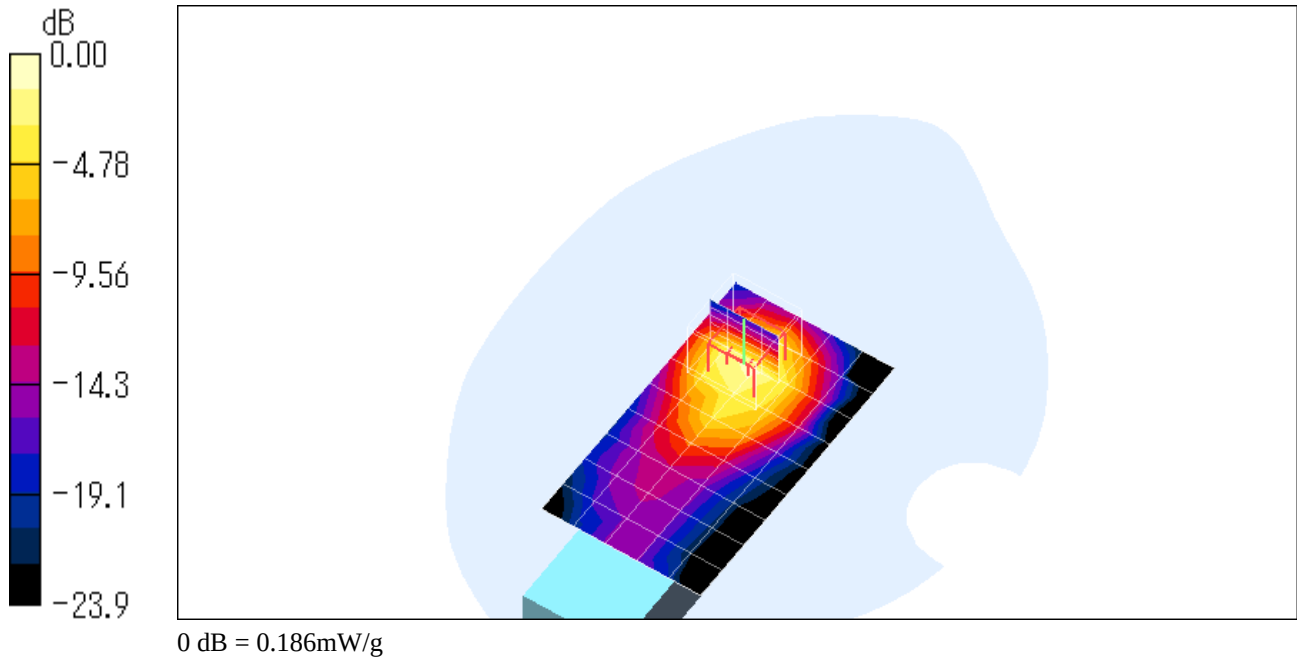
Body-worn/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.40 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.186 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn 90ch (2480.292773MHz)

DUT: 2.4GHz FHSS Cordless Phone; Type: KX-TGA300; Serial: --

Communication System: FHSS; Frequency: 2480 MHz; Duty Cycle: 1:5.2

Medium: M2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.16, 4.16, 4.16); Calibrated: 2005/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2005/12/08
- Phantom: SAM 1194; Type: QD 000 P40 CA; Serial: 1194
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-worn/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.160 mW/g

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

Reference Value = 7.08 V/m ; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.149 mW/g ; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.150 mW/g

