



Attachment 2 – SAR Test Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Cheek/Touch 383ch (836.49MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 836.49 MHz; Duty Cycle: 1:1

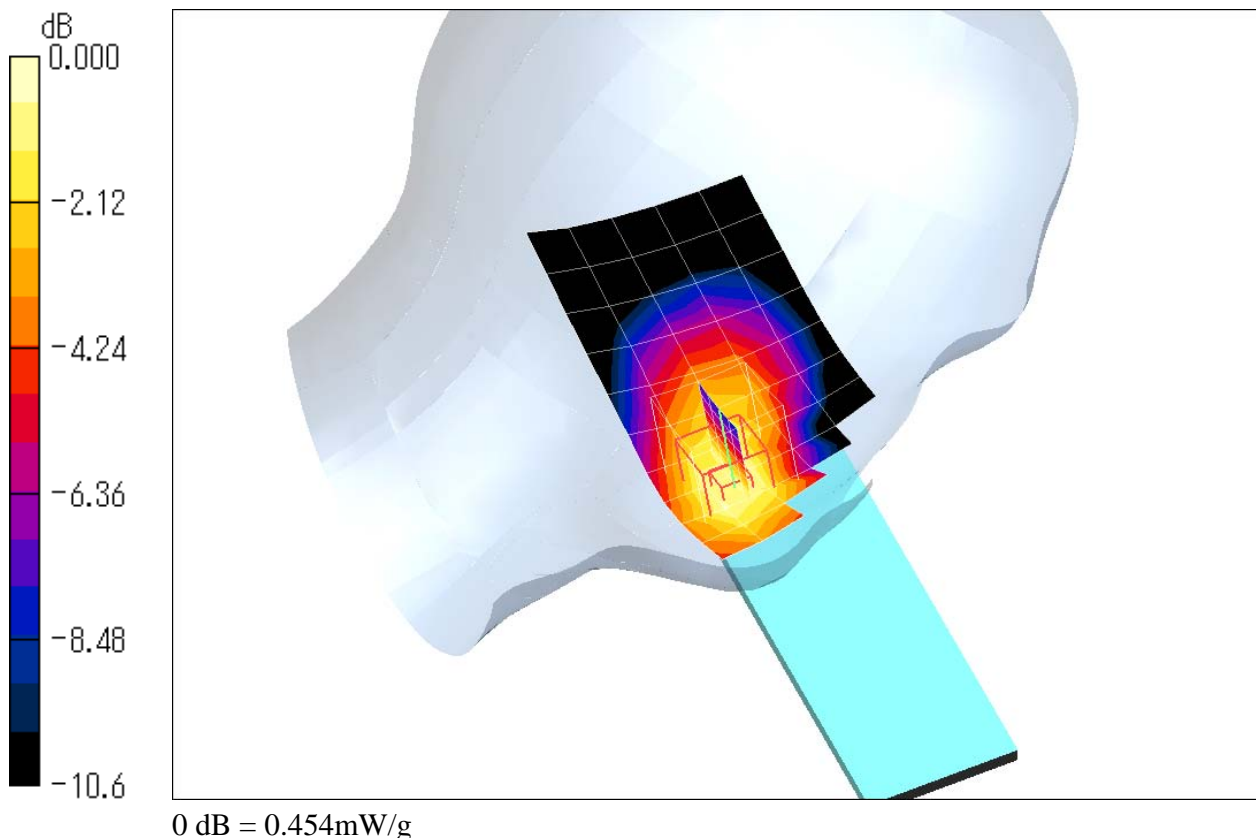
Medium: HSL900 Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.898 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.27, 6.27, 6.27); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (11x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.396 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 = 19.0 V/m ; Power Drift = -0.016 dB Peak SAR (extrapolated) = 0.547 W/kg **SAR(1 g) = 0.415 mW/g ; SAR(10 g) = 0.284 mW/g** Maximum value of SAR (measured) = 0.454 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head, Ear/Tilt 383ch (836.49MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 836.49 MHz; Duty Cycle: 1:1

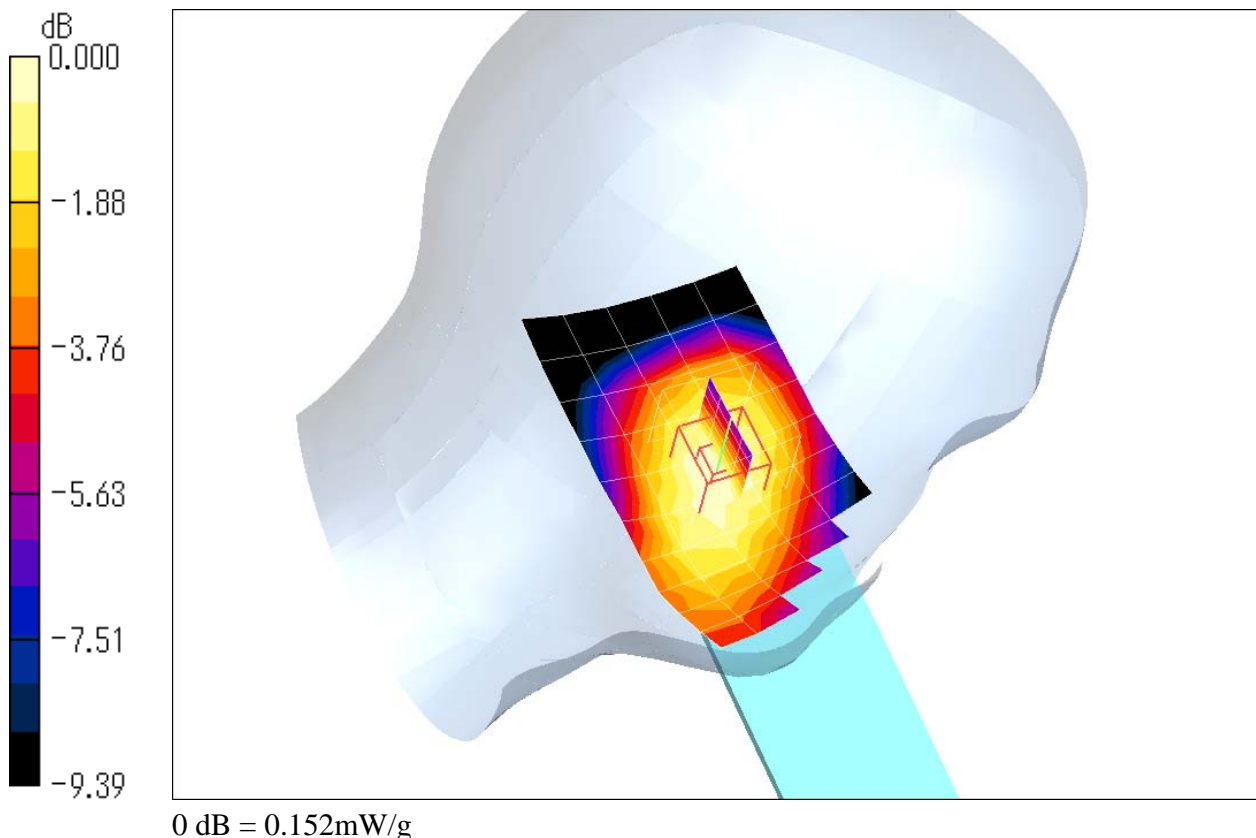
Medium: HSL900 Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.898 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.27, 6.27, 6.27); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt Position/Area Scan (11x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.149 mW/g **Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 12.9 V/m ; Power Drift = 0.011 dB Peak SAR (extrapolated) = 0.170 W/kg **SAR(1 g) = 0.144 mW/g ; SAR(10 g) = 0.111 mW/g** Maximum value of SAR (measured) = 0.152 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Cheek/Touch 1013ch (824.70MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.27, 6.27, 6.27); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (measured) = 0.450 mW/g

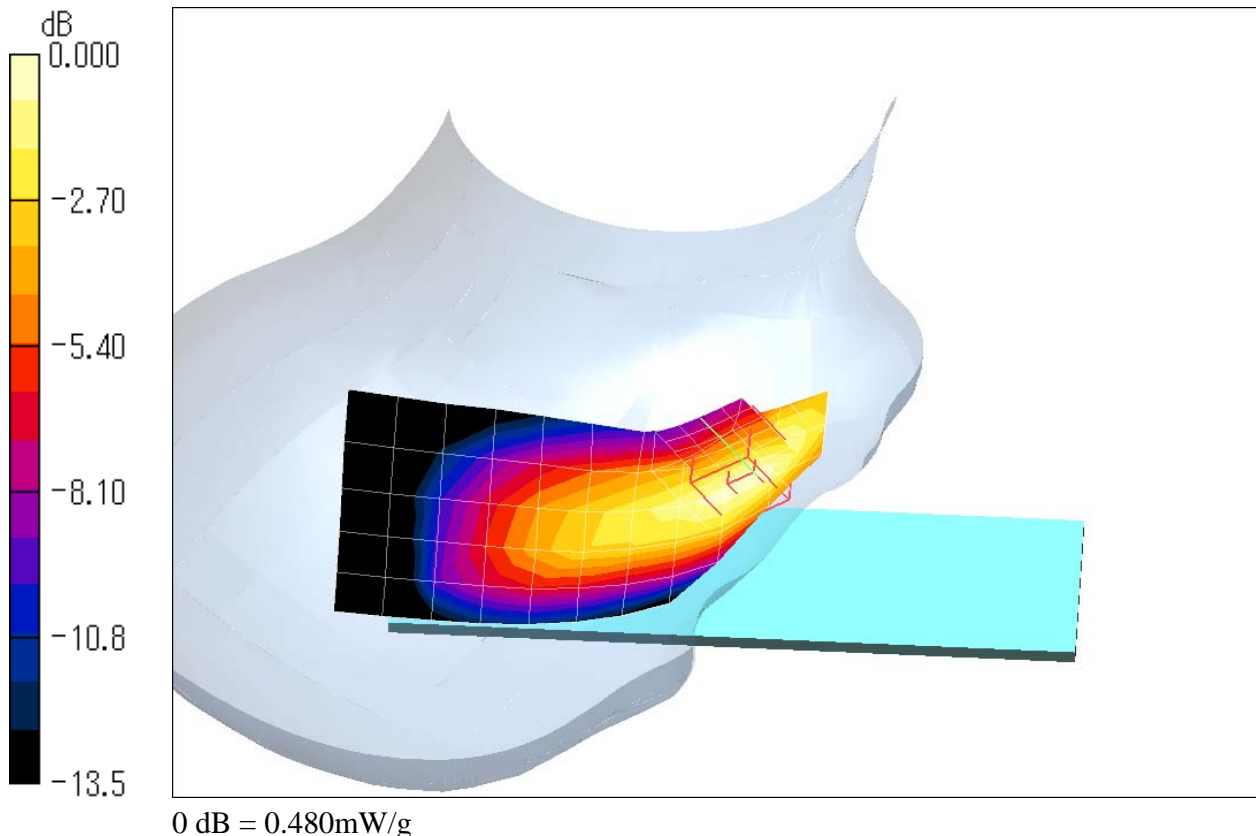
Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.480 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Cheek/Touch 383ch (836.49MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 836.49 MHz; Duty Cycle: 1:1

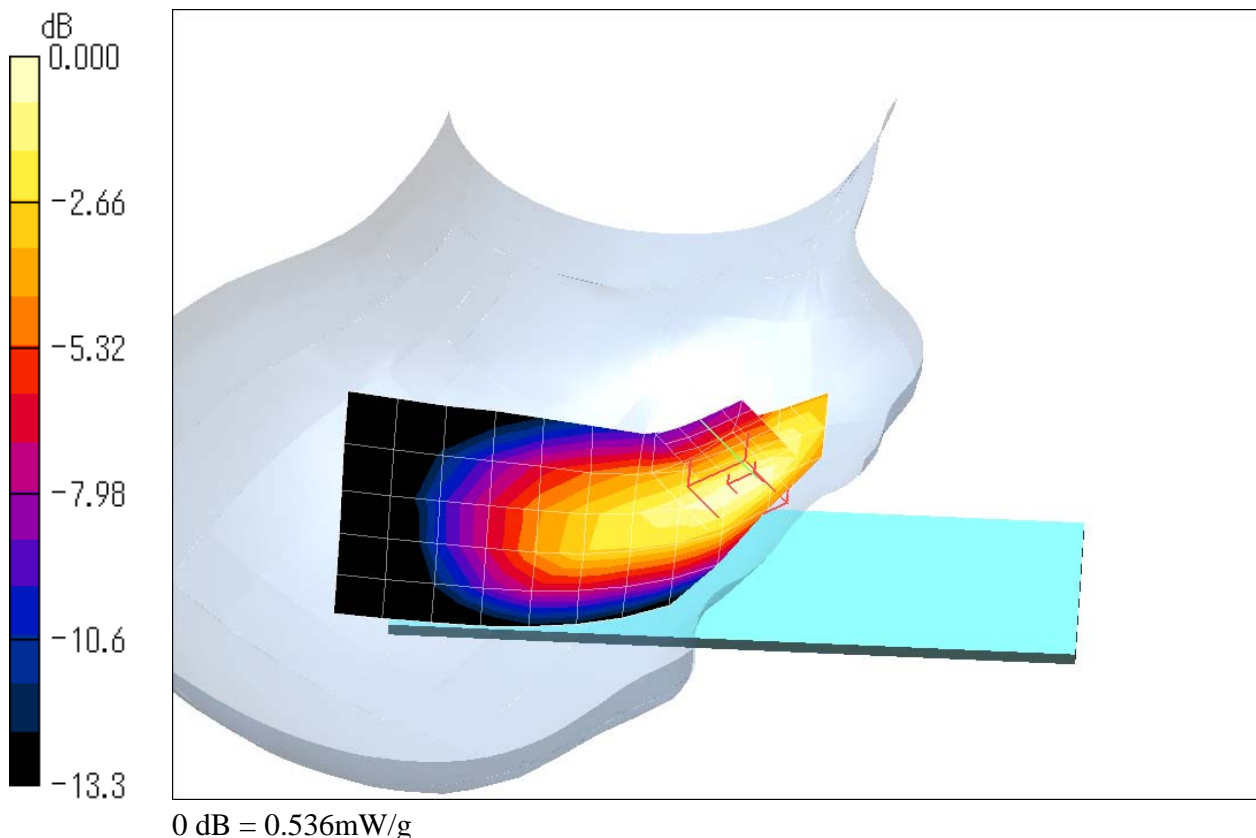
Medium: HSL900 Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.898 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.27, 6.27, 6.27); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (11x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.517 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 = 18.7 V/m ; Power Drift = -0.060 dB Peak SAR (extrapolated) = 0.663 W/kg **SAR(1 g) = 0.497 mW/g ; SAR(10 g) = 0.330 mW/g** Maximum value of SAR (measured) = 0.536 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Cheek/Touch 777ch (848.31MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

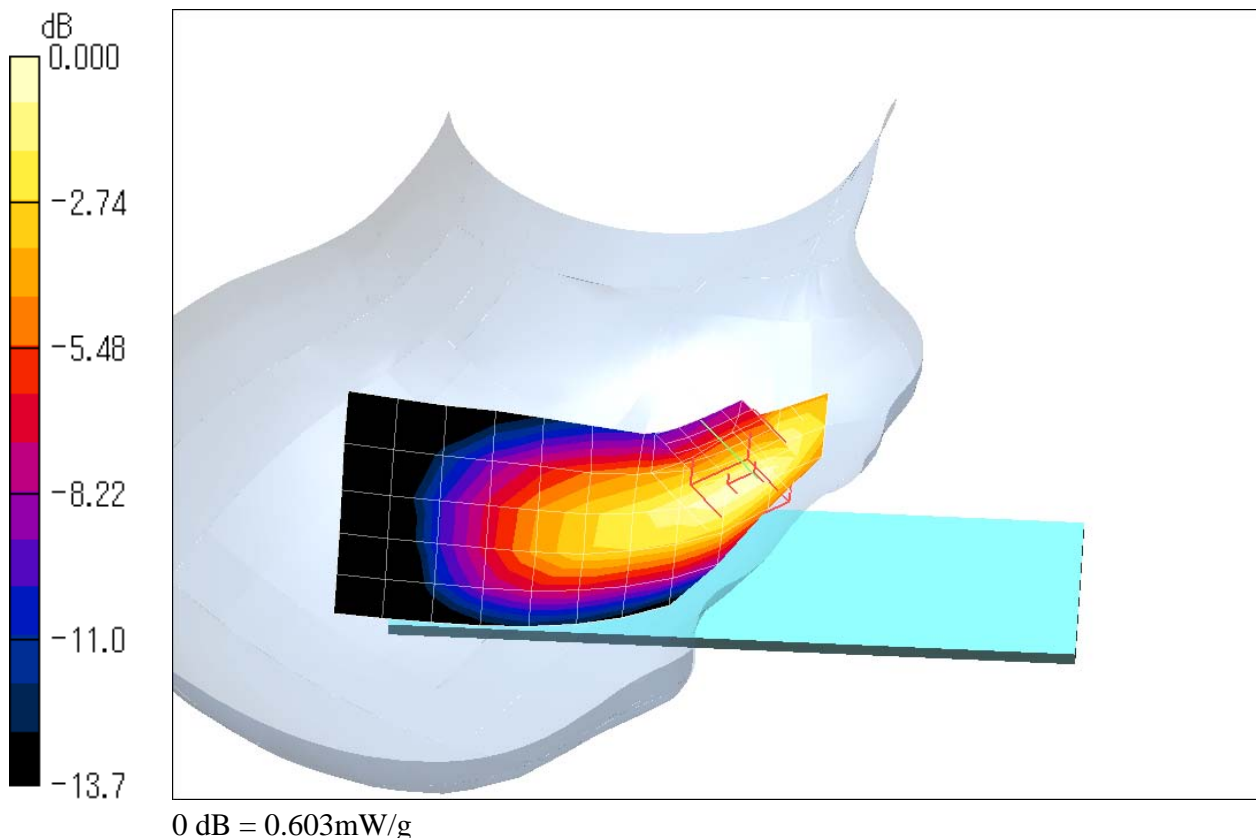
Medium: HSL900 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.898 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.27, 6.27, 6.27); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Area Scan (11x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.577 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 = 20.1 V/m ; Power Drift = -0.039 dB Peak SAR (extrapolated) = 0.754 W/kg **SAR(1 g) = 0.559 mW/g ; SAR(10 g) = 0.366 mW/g** Maximum value of SAR (measured) = 0.603 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Cheek/Touch 777ch (848.31MHz)

DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323

Communication System: CDMA2000 Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.898 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

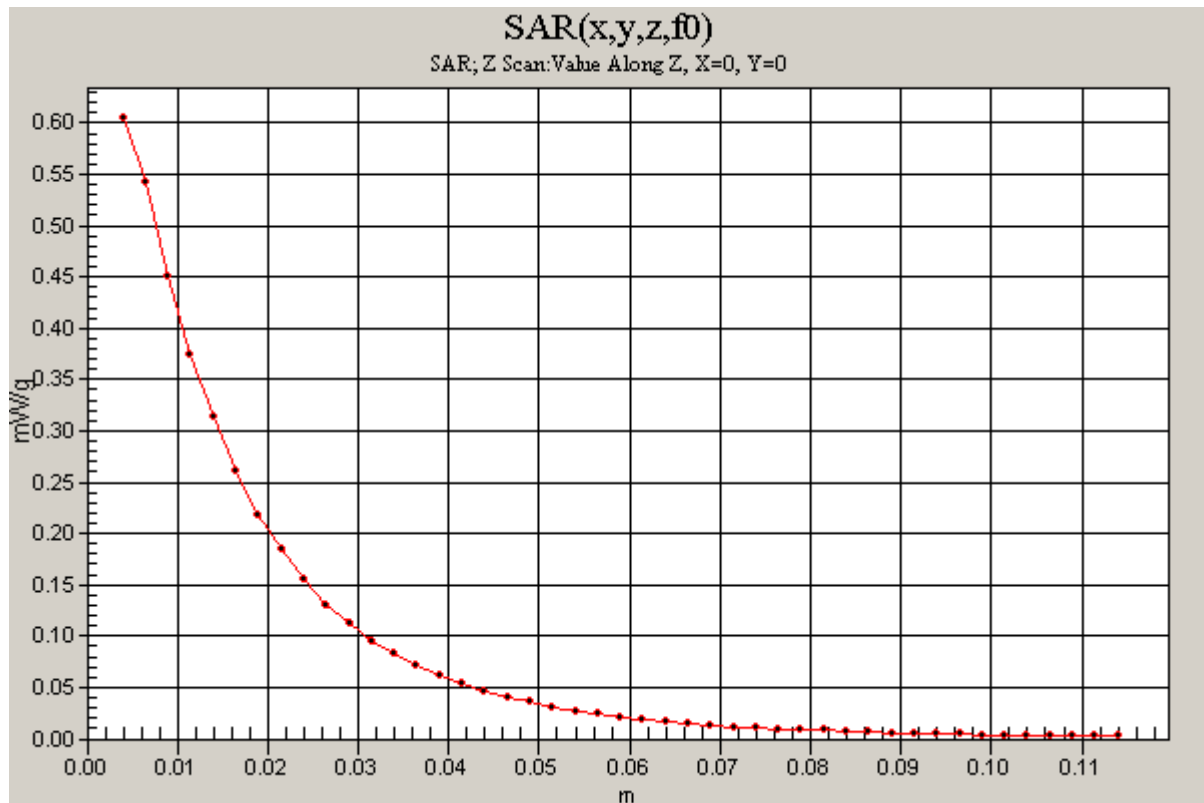
Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.27, 6.27, 6.27); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DAS4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch Position/Z Scan (1x1x45): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=2.5\text{mm}$
Maximum value of SAR (measured) = 0.605 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head, Ear/Tilt 383ch (836.49MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 836.49 MHz; Duty Cycle: 1:1

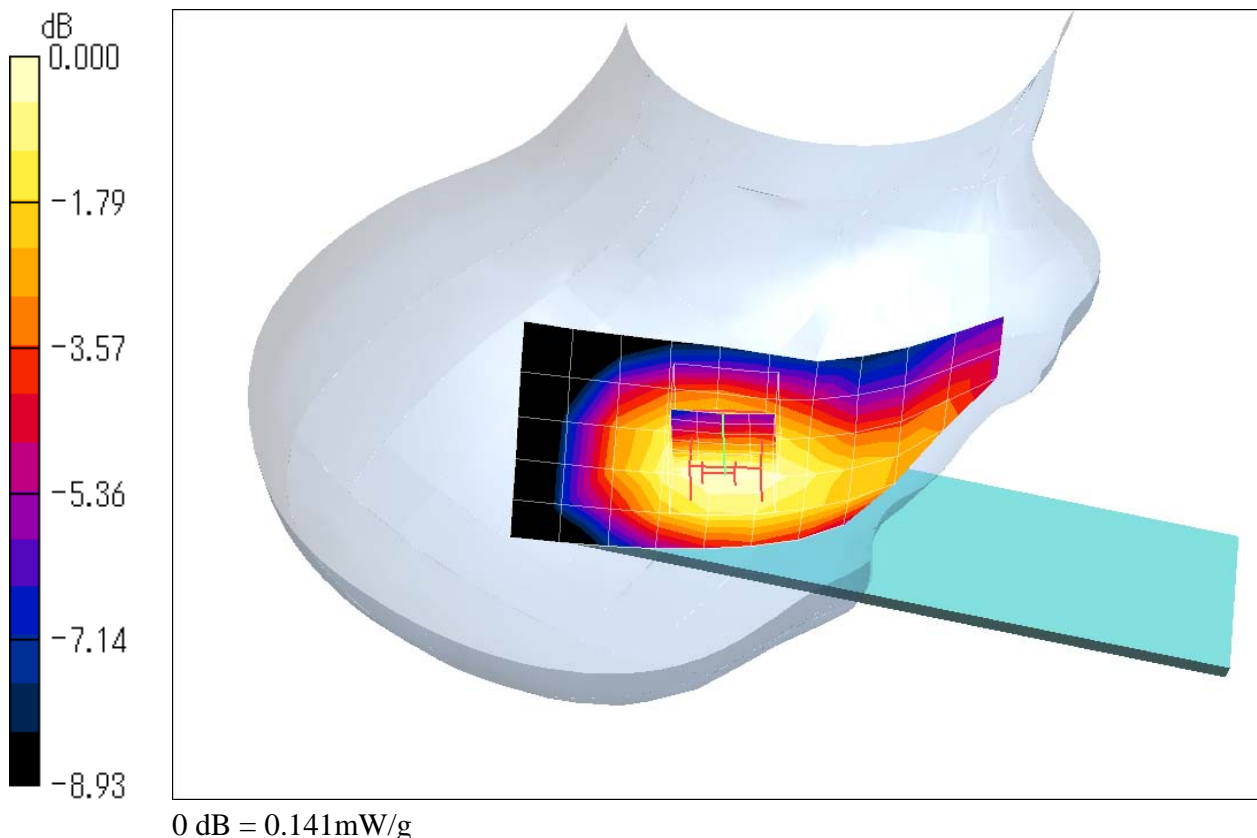
Medium: HSL900 Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.898 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.27, 6.27, 6.27); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt Position/Area Scan (11x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.140 mW/g **Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 12.1 V/m ; Power Drift = -0.059 dB Peak SAR (extrapolated) = 0.158 W/kg **SAR(1 g) = 0.135 mW/g ; SAR(10 g) = 0.103 mW/g** Maximum value of SAR (measured) = 0.141 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn, Back 1013ch (824.70MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.05, 6.05, 6.05); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (measured) = 0.557 mW/g

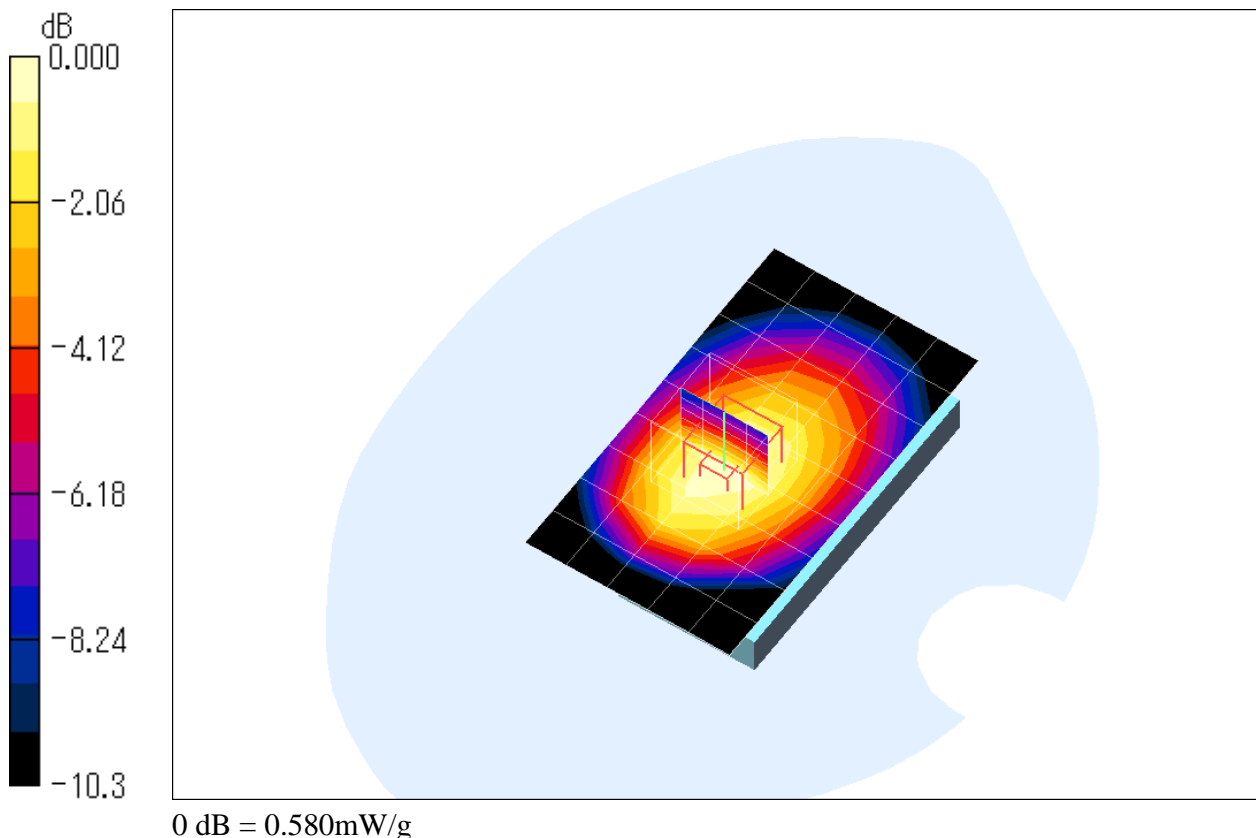
Body-worn/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.1 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.392 mW/g

Maximum value of SAR (measured) = 0.580 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn, Back 1013ch (824.70MHz)

DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323

Communication System: CDMA2000 Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

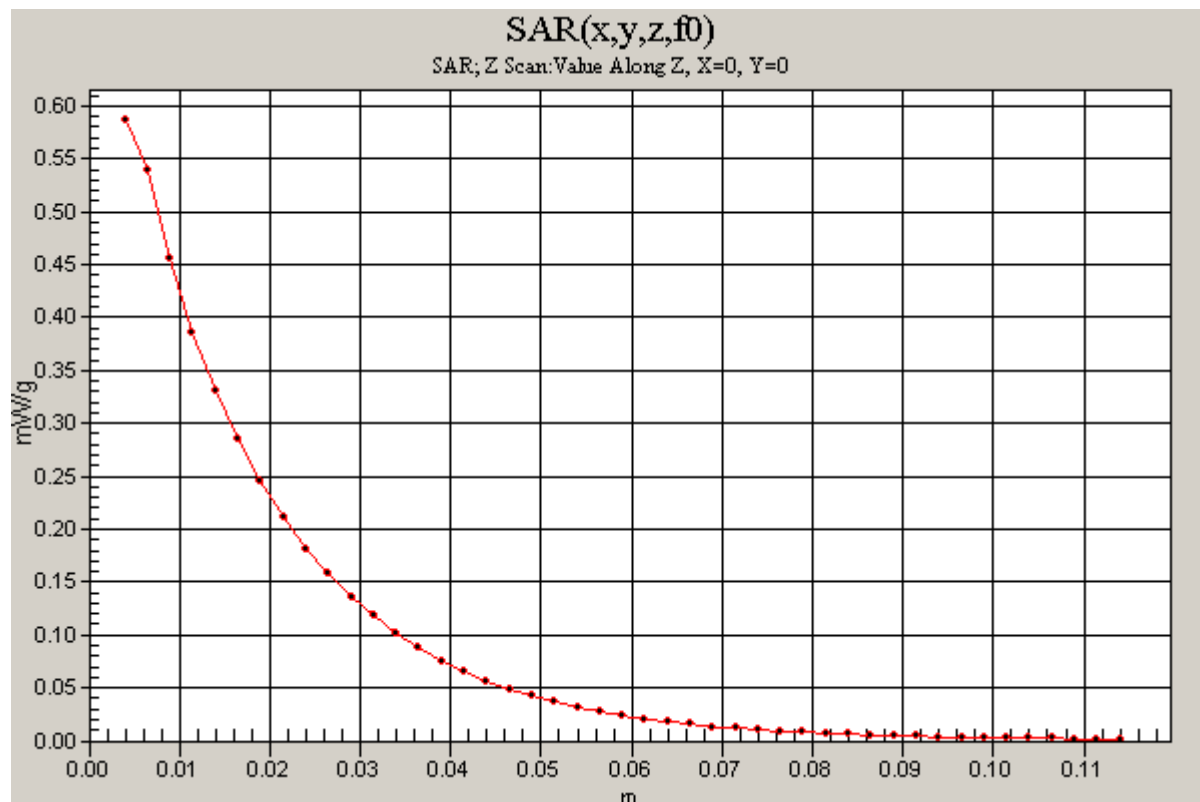
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.05, 6.05, 6.05); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn/Z Scan (1x1x45): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=2.5\text{mm}$

Maximum value of SAR (measured) = 0.587 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn, Back 383ch (836.49MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 836.49 MHz; Duty Cycle: 1:1

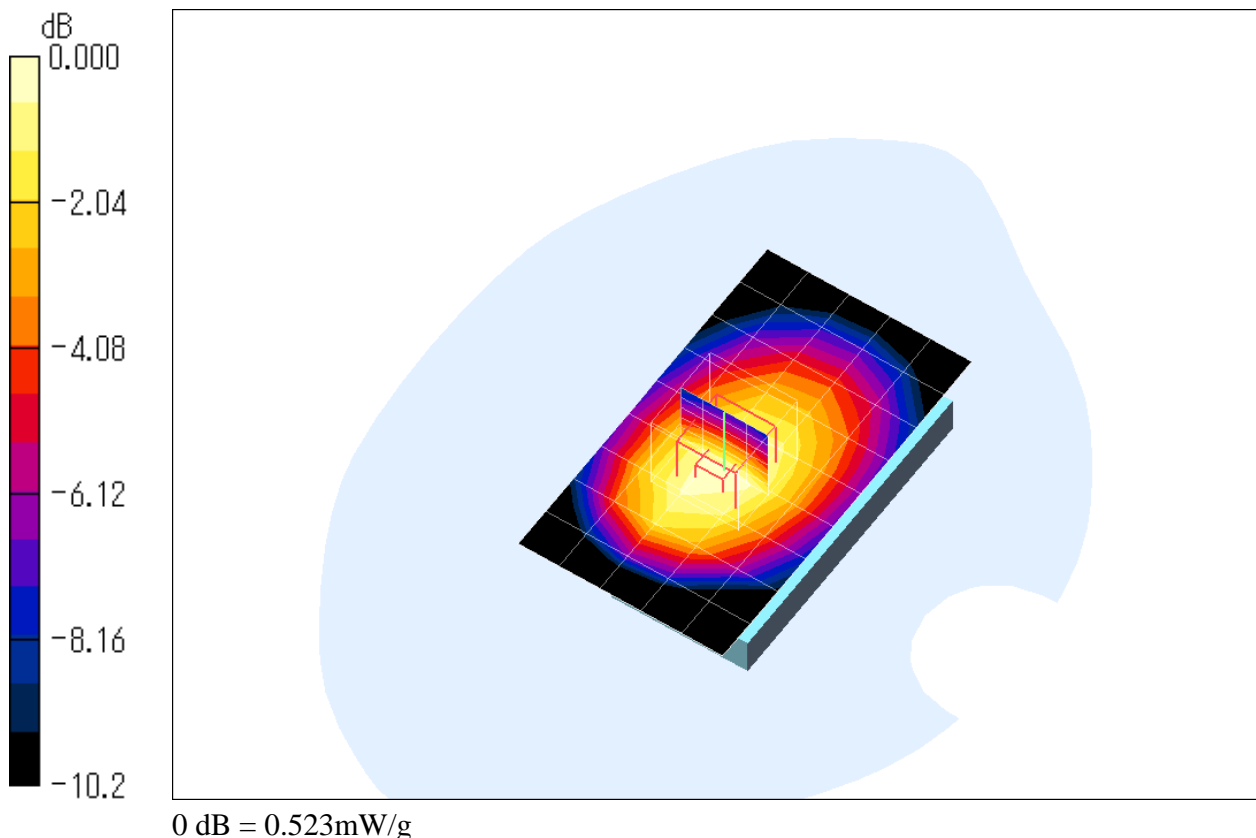
Medium: M900 Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.05, 6.05, 6.05); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.491 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 = 23.5 V/m ; Power Drift = -0.013 dB Peak SAR (extrapolated) = 0.612 W/kg **SAR(1 g) = 0.492 mW/g ; SAR(10 g) = 0.353 mW/g** Maximum value of SAR (measured) = 0.523 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn, Back 777ch (848.31MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

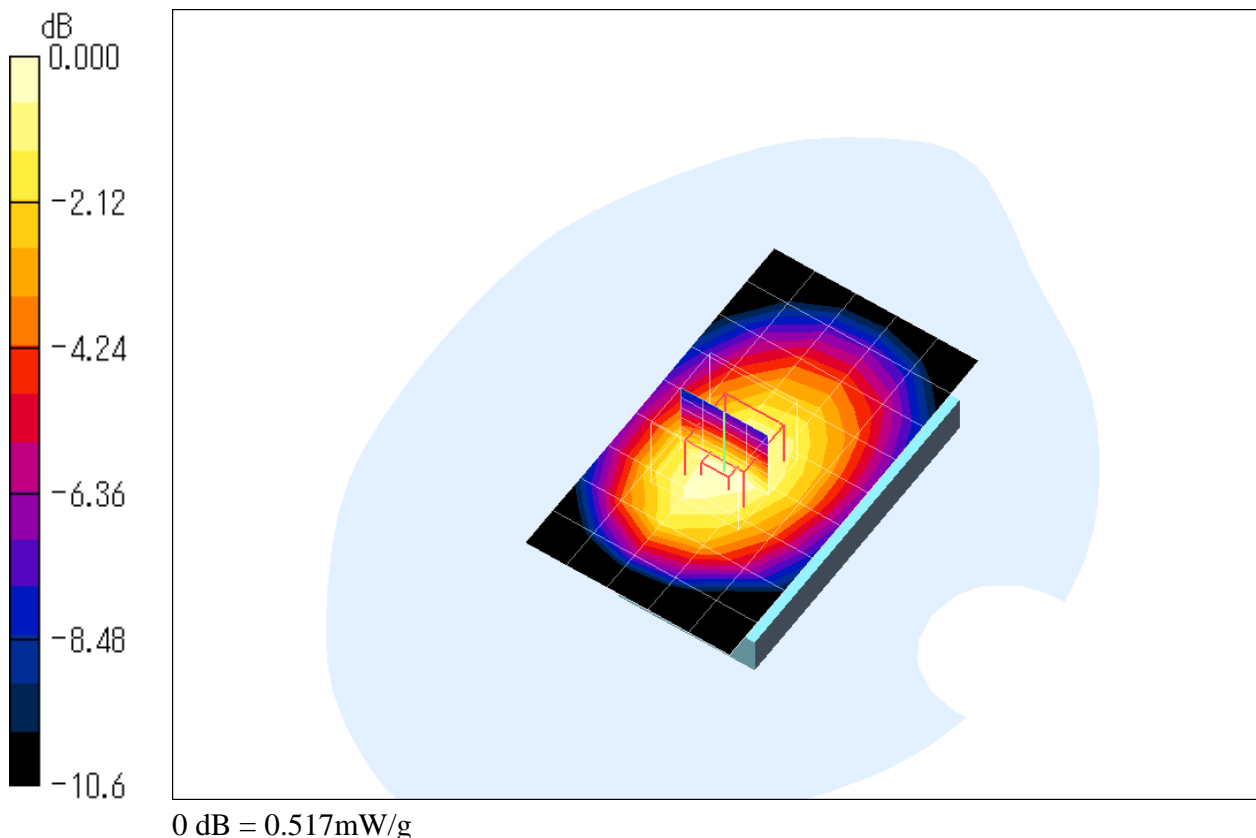
Medium: M900 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.05, 6.05, 6.05); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn328; Calibrated: 2008/03/06
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.497 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 = 23.3 V/m ; Power Drift = -0.010 dB Peak SAR (extrapolated) = 0.600 W/kg **SAR(1 g) = 0.483 mW/g ; SAR(10 g) = 0.345 mW/g** Maximum value of SAR (measured) = 0.517 mW/g 

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body-worn, Front 383ch (836.49MHz)**DUT: Cellular Phone; Type: CDMA MA001; Serial: SMAAX000323**

Communication System: CDMA2000 Cellular; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1700; ConvF(6.05, 6.05, 6.05); Calibrated: 2008/10/21
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body-worn/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.254 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 = 16.8 V/m ; Power Drift = -0.052 dB Peak SAR (extrapolated) = 0.295 W/kg **SAR(1 g) = 0.252 mW/g ; SAR(10 g) = 0.189 mW/g** Maximum value of SAR (measured) = 0.267 mW/g 