



Appendix 1 – System Validation Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head)

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d081

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Antenna Input Power 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.54 mW/g

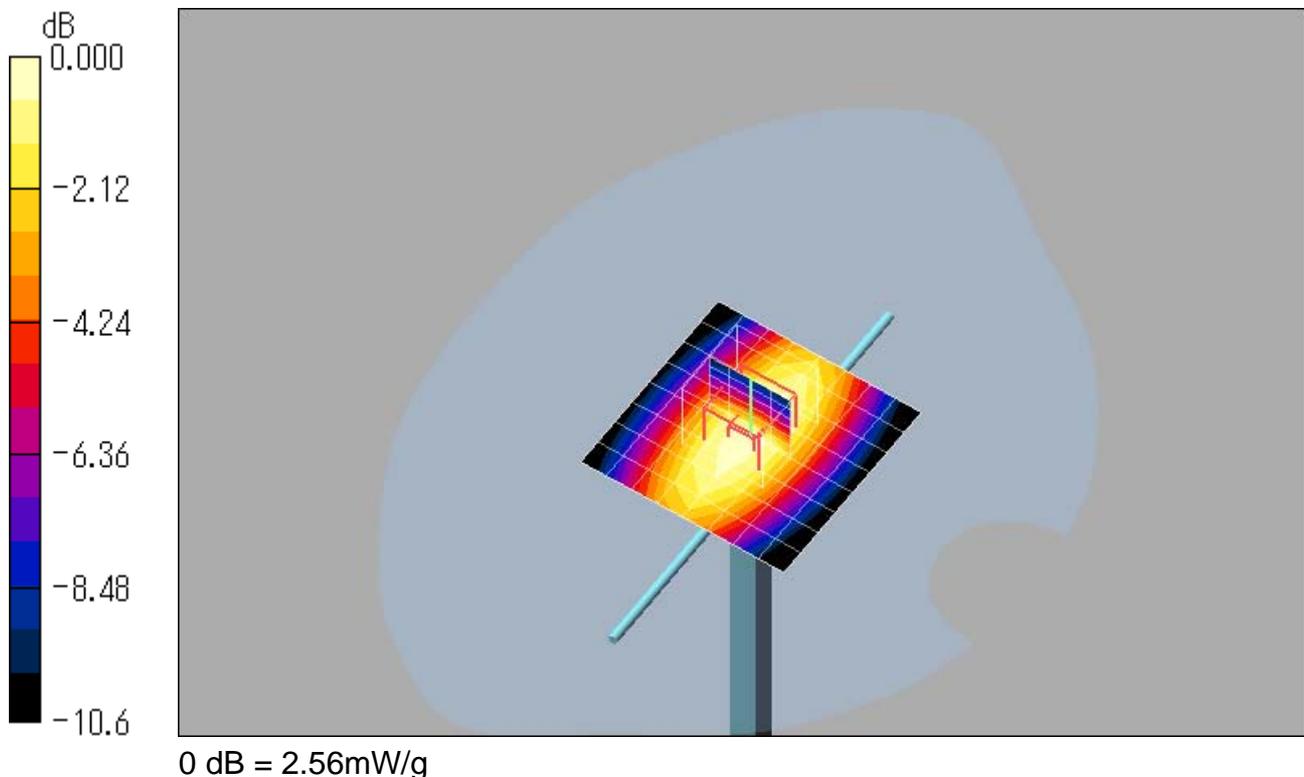
Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.8 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.55 mW/g

Maximum value of SAR (measured) = 2.56 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body)

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d081

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Antenna Input Power 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.56 mW/g

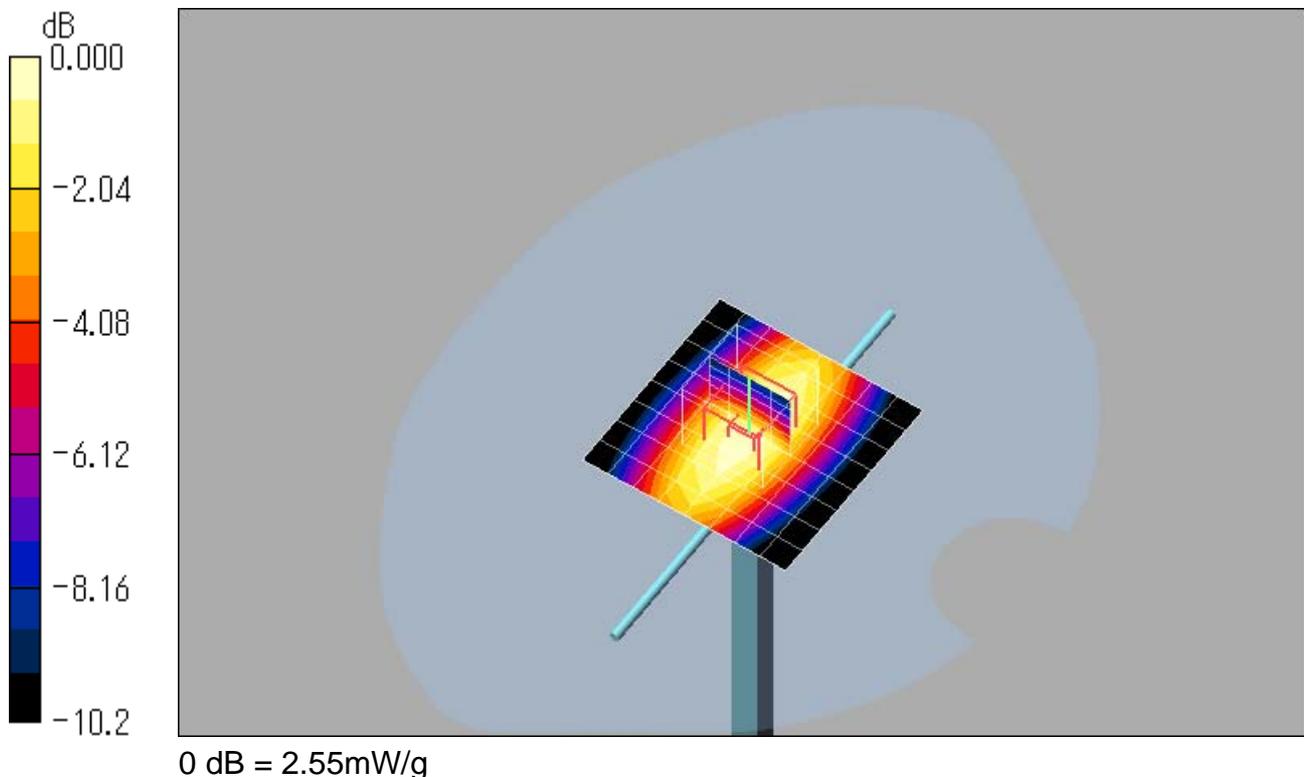
Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.5 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.56 mW/g

Maximum value of SAR (measured) = 2.55 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d112

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Antenna Input Power 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.3 mW/g

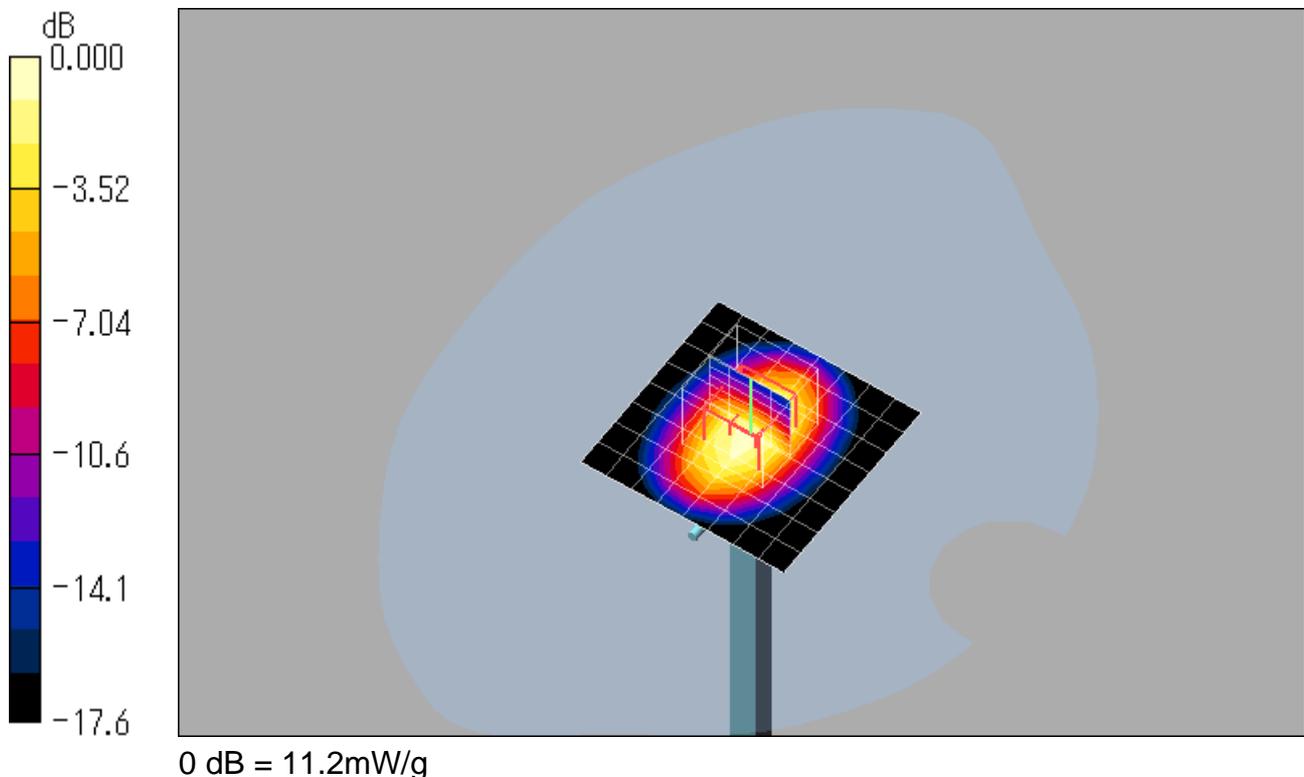
Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.3 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 9.84 mW/g; SAR(10 g) = 5.2 mW/g

Maximum value of SAR (measured) = 11.2 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d112

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Antenna Input Power 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.5 mW/g

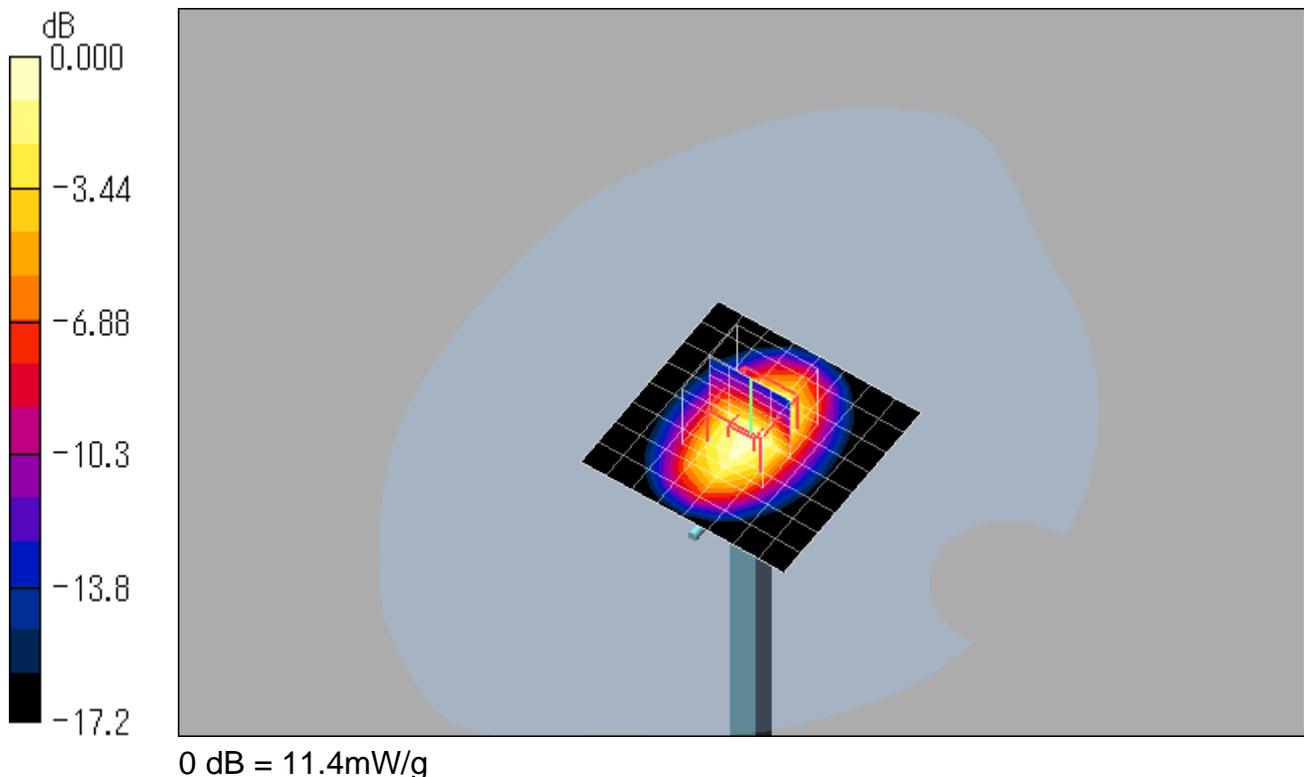
Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.7 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 10 mW/g; SAR(10 g) = 5.38 mW/g

Maximum value of SAR (measured) = 11.4 mW/g



Appendix 2 – SAR Test Plots (WCDMA Band V)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4132ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

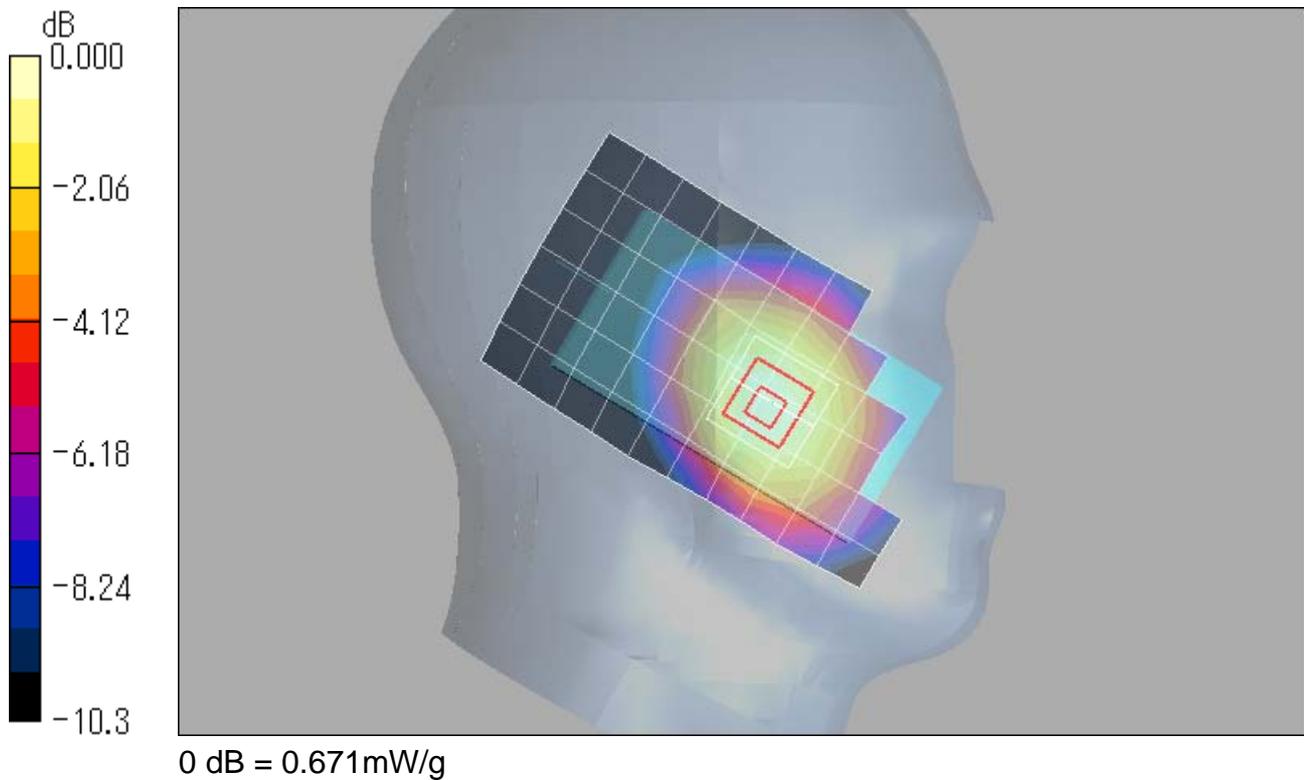
Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³
Measurement SW: DAS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.653 mW/g

Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.8 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.803 W/kg
SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.479 mW/g
Maximum value of SAR (measured) = 0.671 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

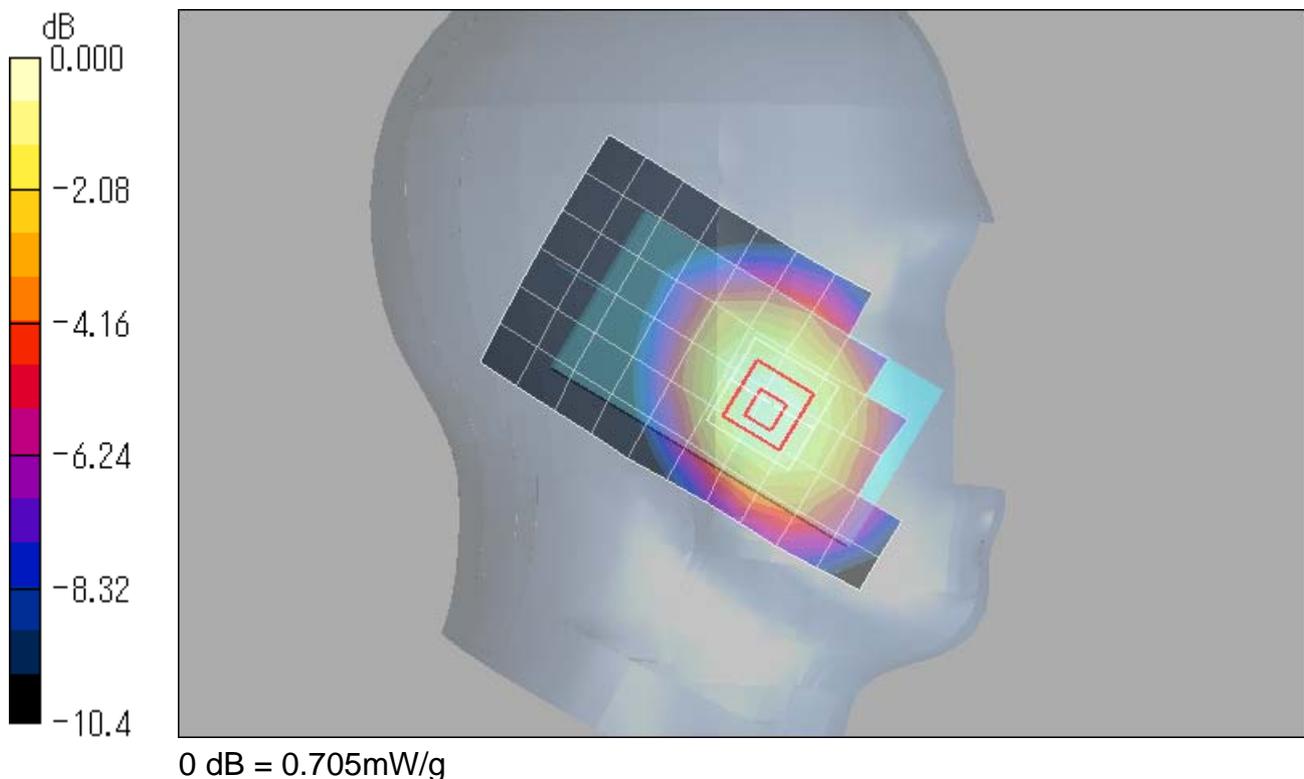
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
Measurement SW: DAS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.703 mW/g

Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.5 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.840 W/kg
SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 0.705 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

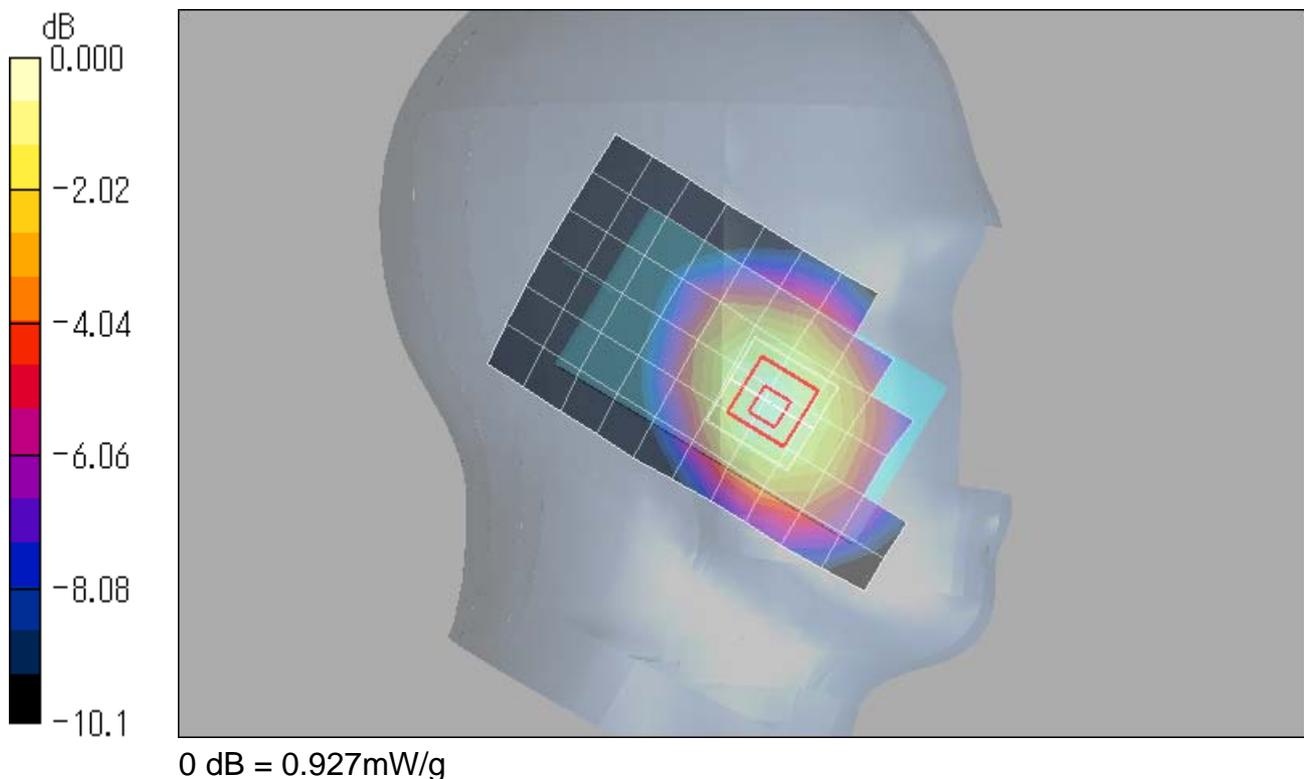
Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.876 mW/g

Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 0.927 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

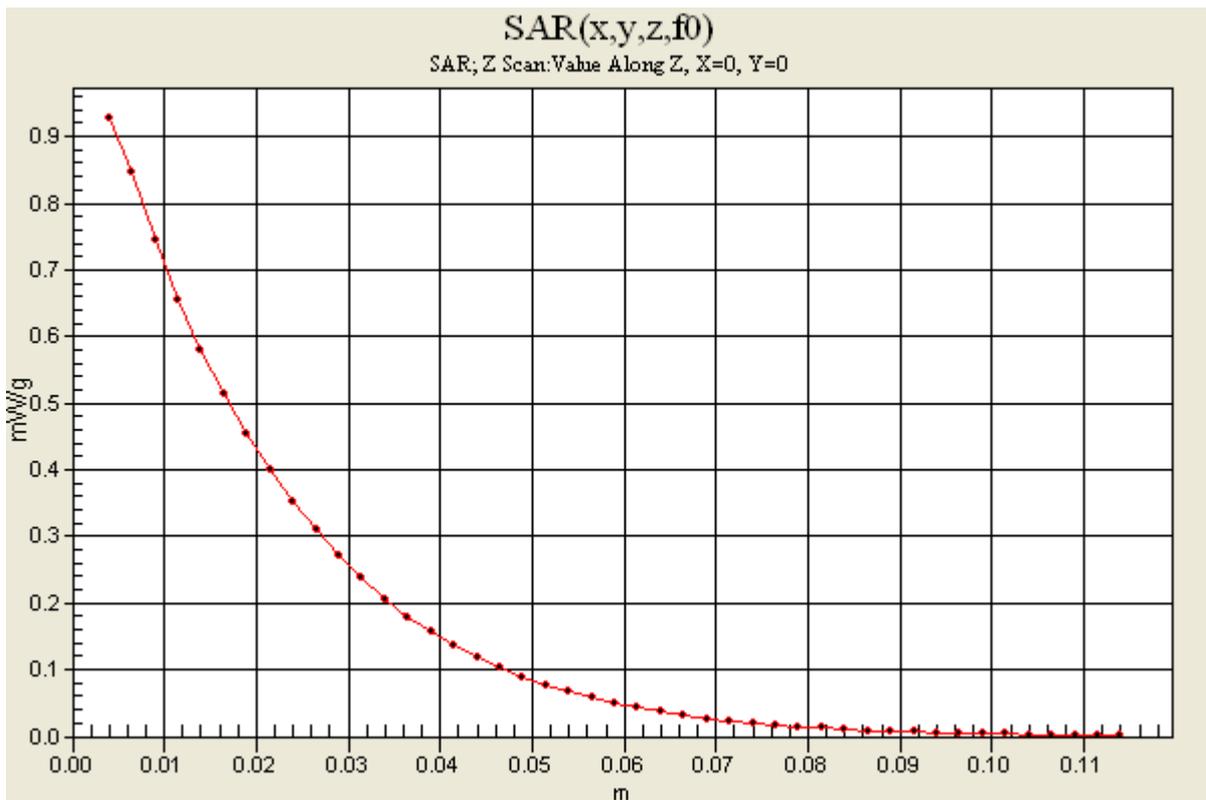
Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.928 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

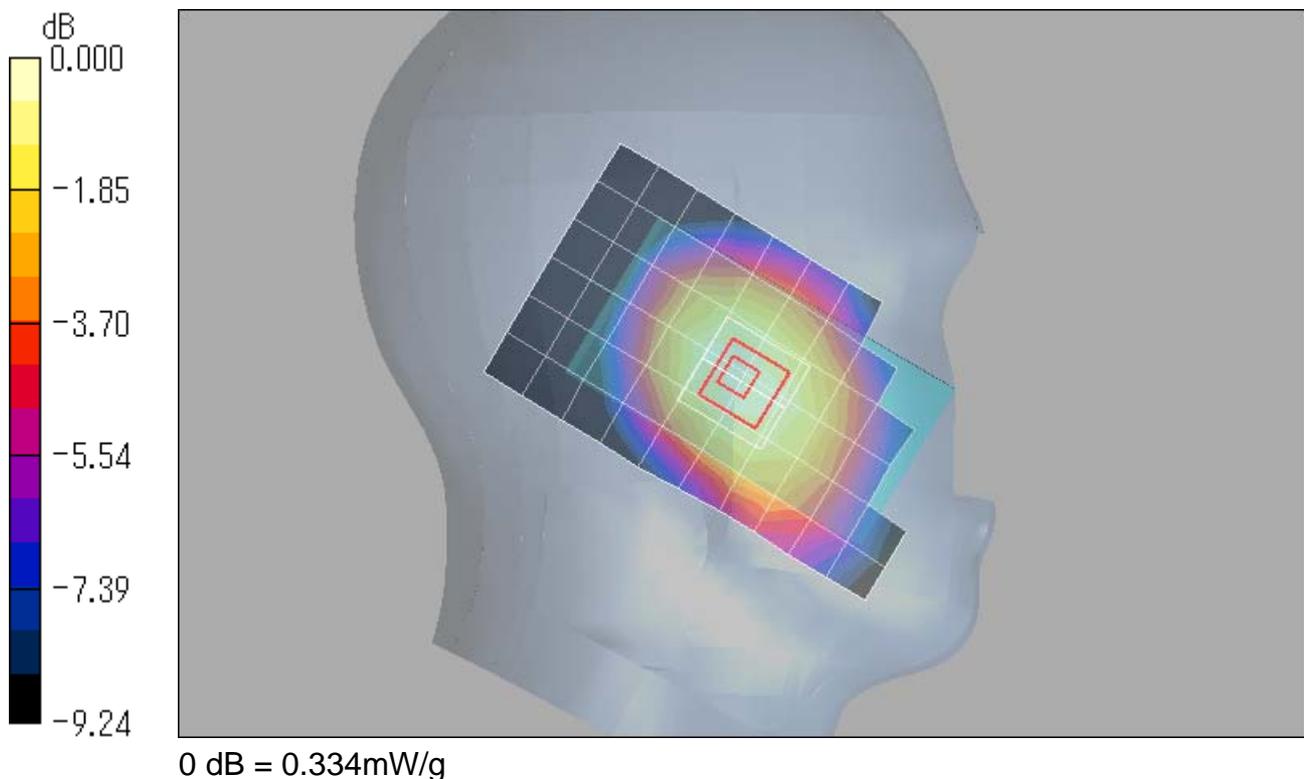
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Tilted/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.328 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 19.5 V/m; Power Drift = -0.015 dB
 Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.244 mW/g
 Maximum value of SAR (measured) = 0.334 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

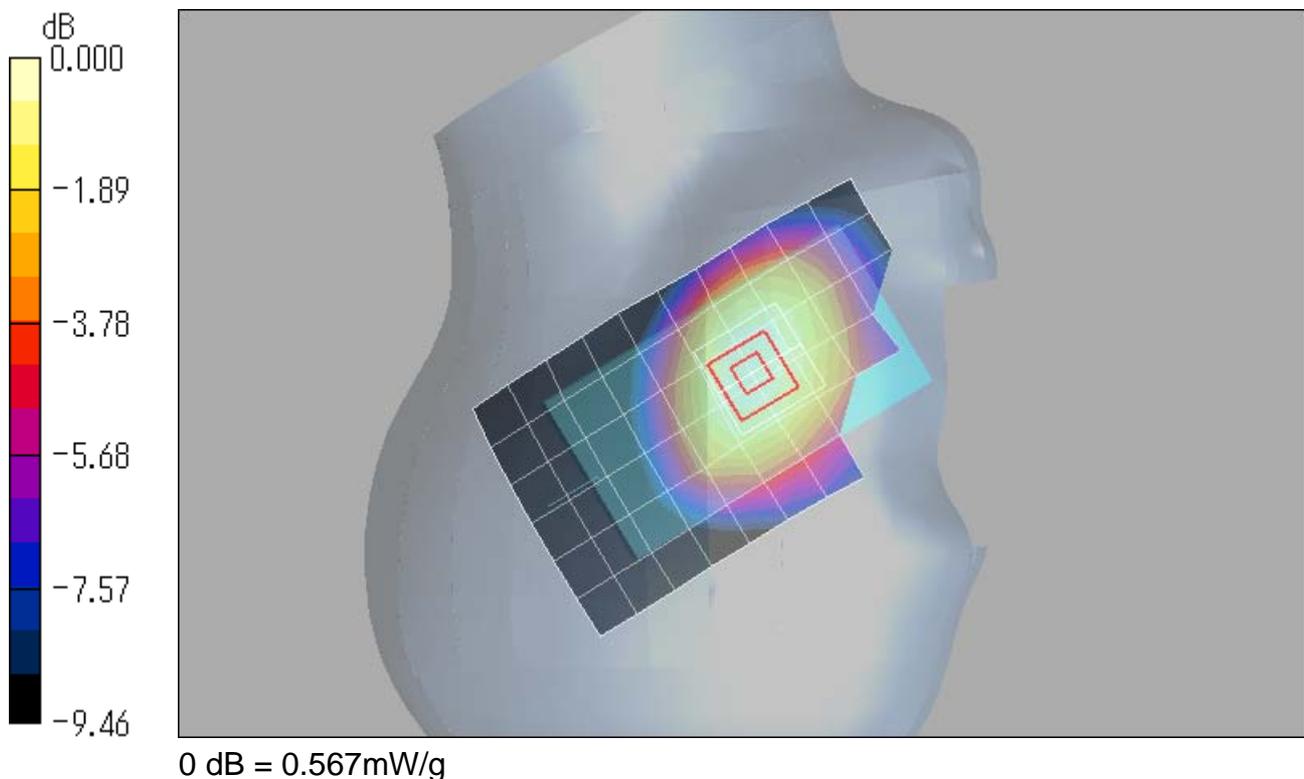
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.572 mW/g

Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.2 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.647 W/kg
SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.567 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

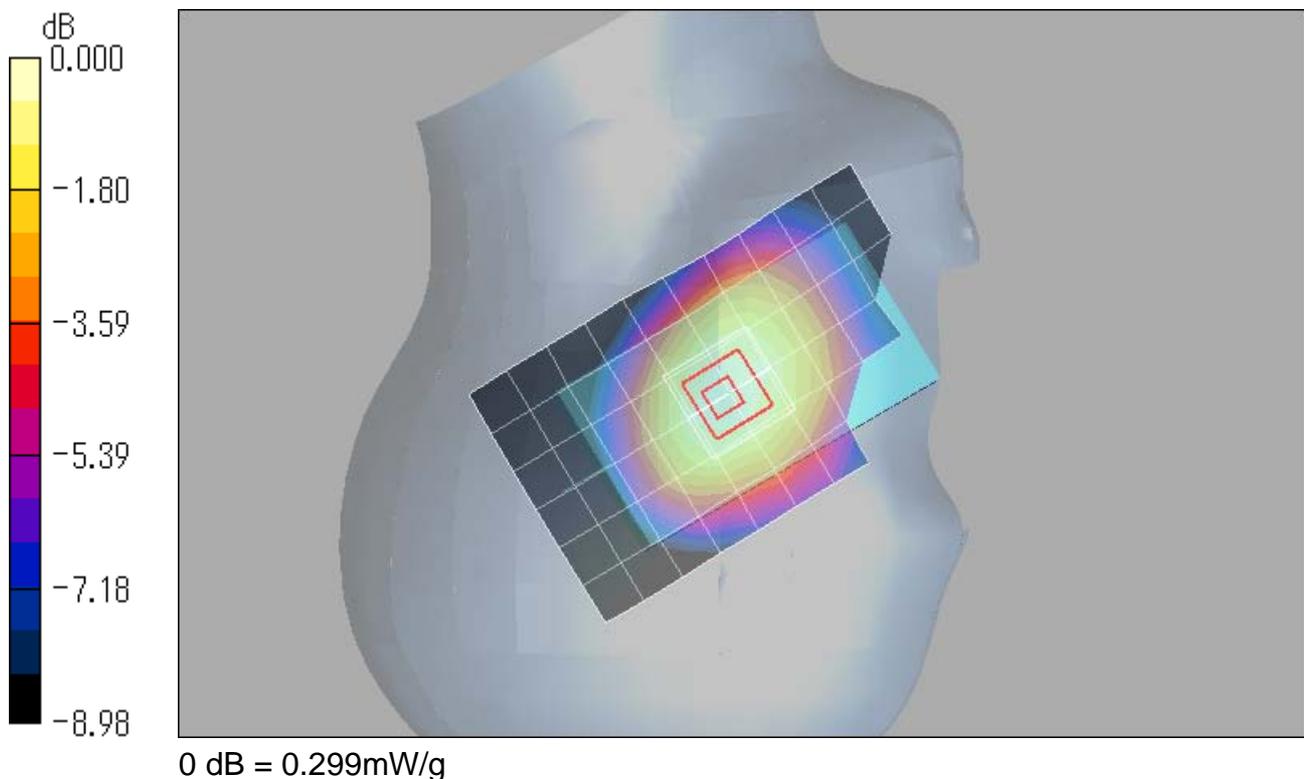
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Tilted/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.302 mW/g

Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.299 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

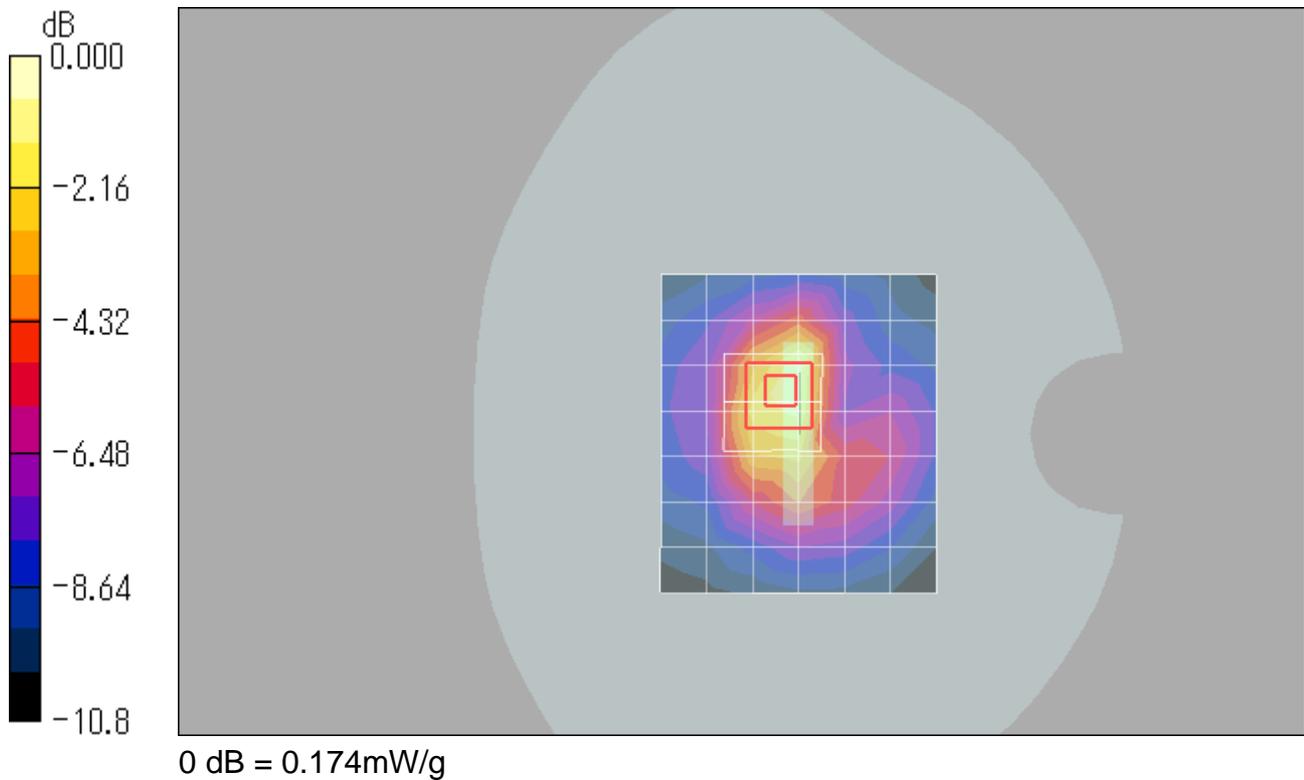
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Bottom Edge/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.144 mW/g

Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.174 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

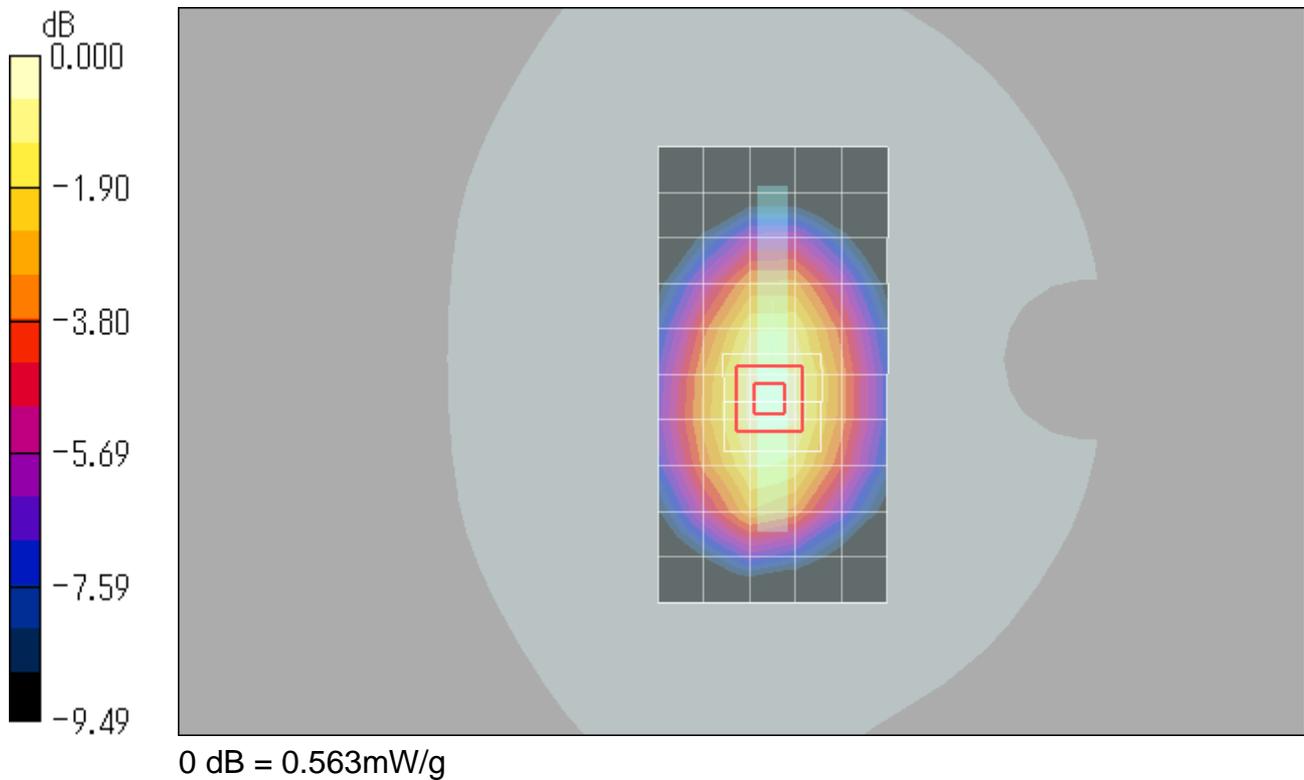
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.511 mW/g

Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.705 W/kg
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.563 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

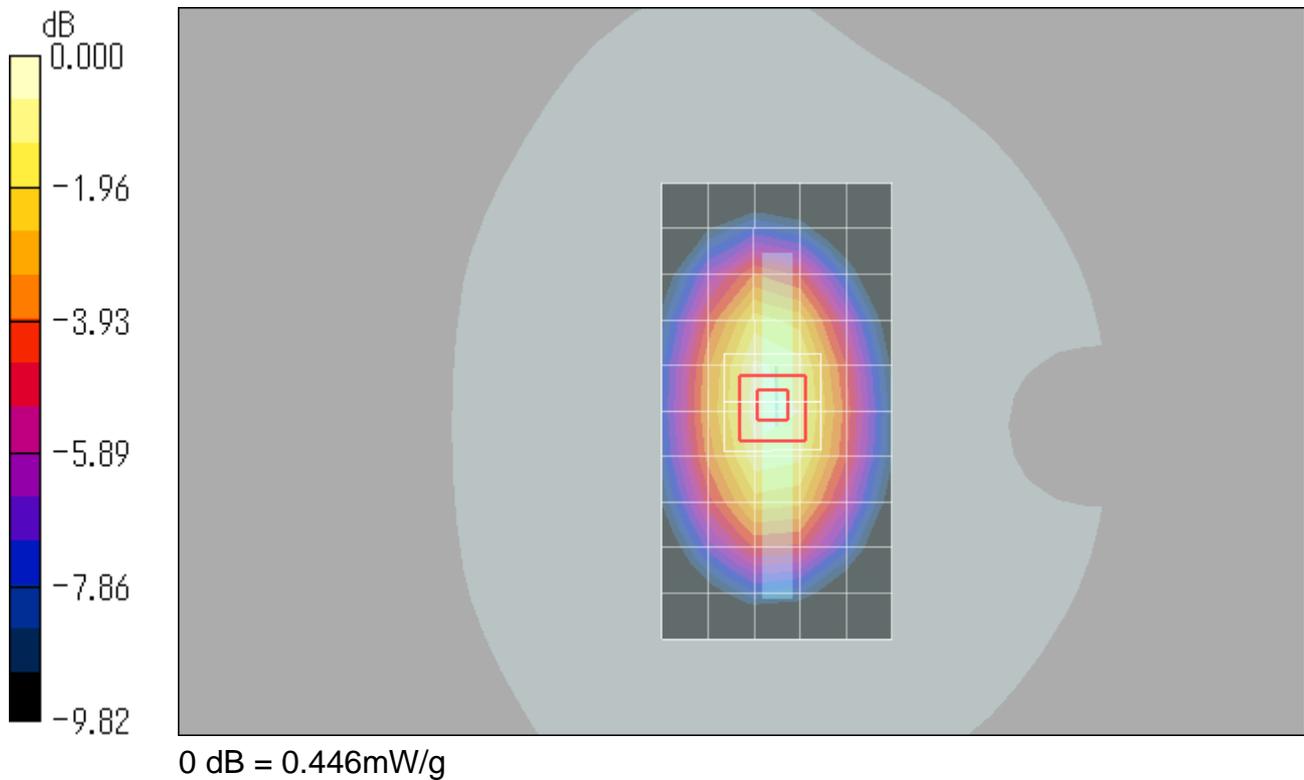
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.417 mW/g

Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.285 mW/g
Maximum value of SAR (measured) = 0.446 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

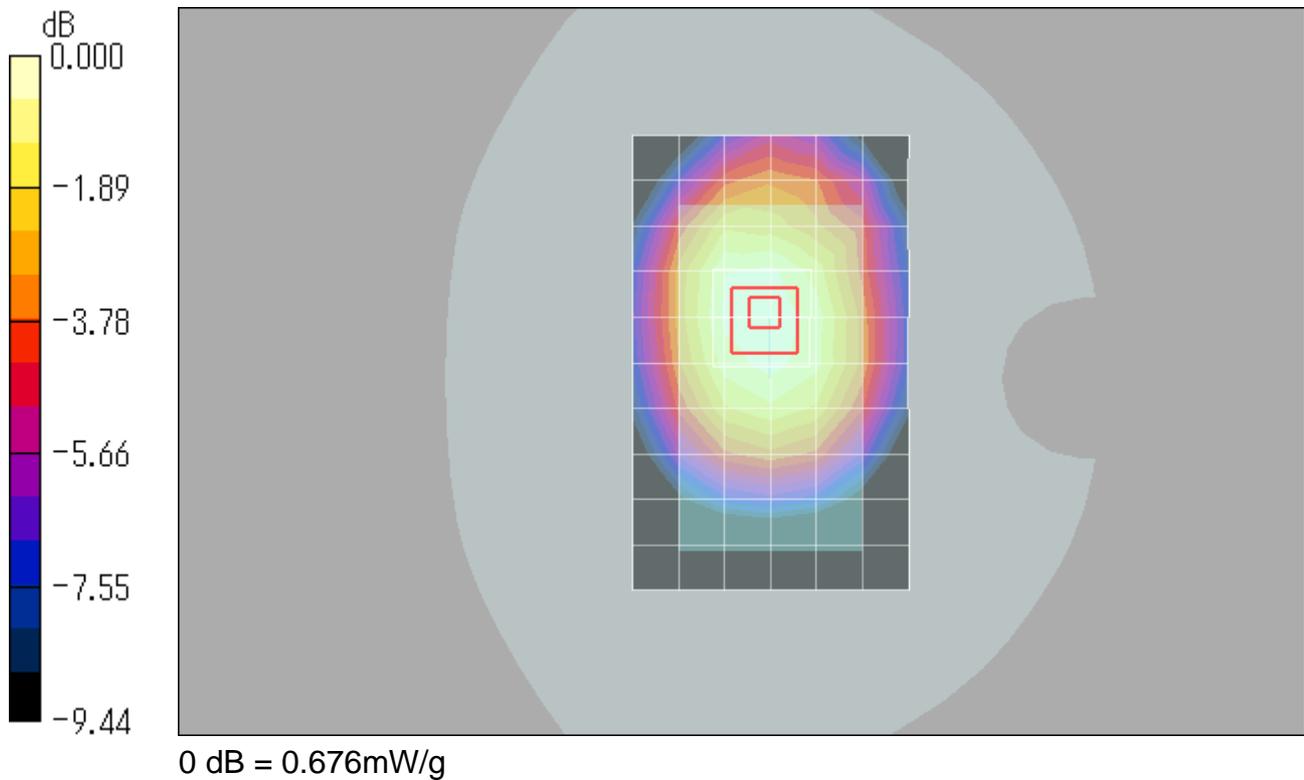
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.667 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.806 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (measured) = 0.676 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4132ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

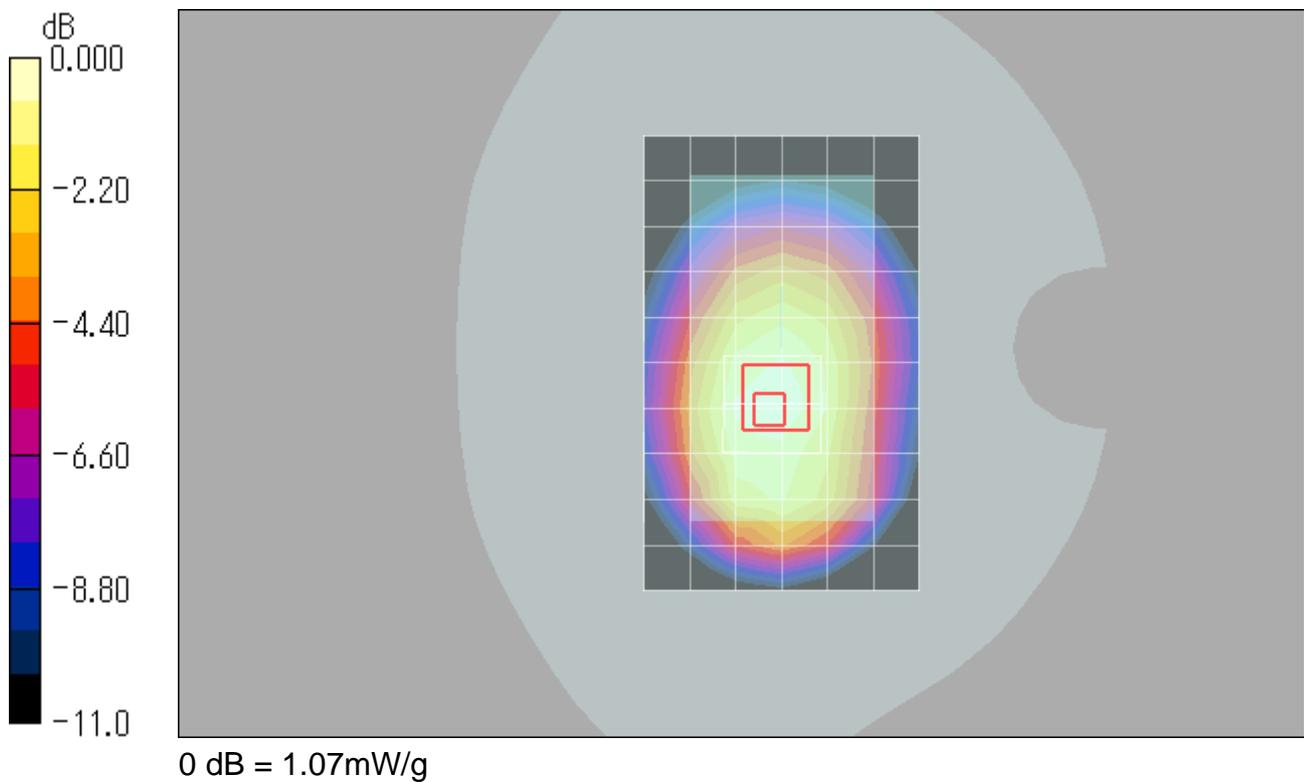
Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.6 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.739 mW/g
Maximum value of SAR (measured) = 1.07 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

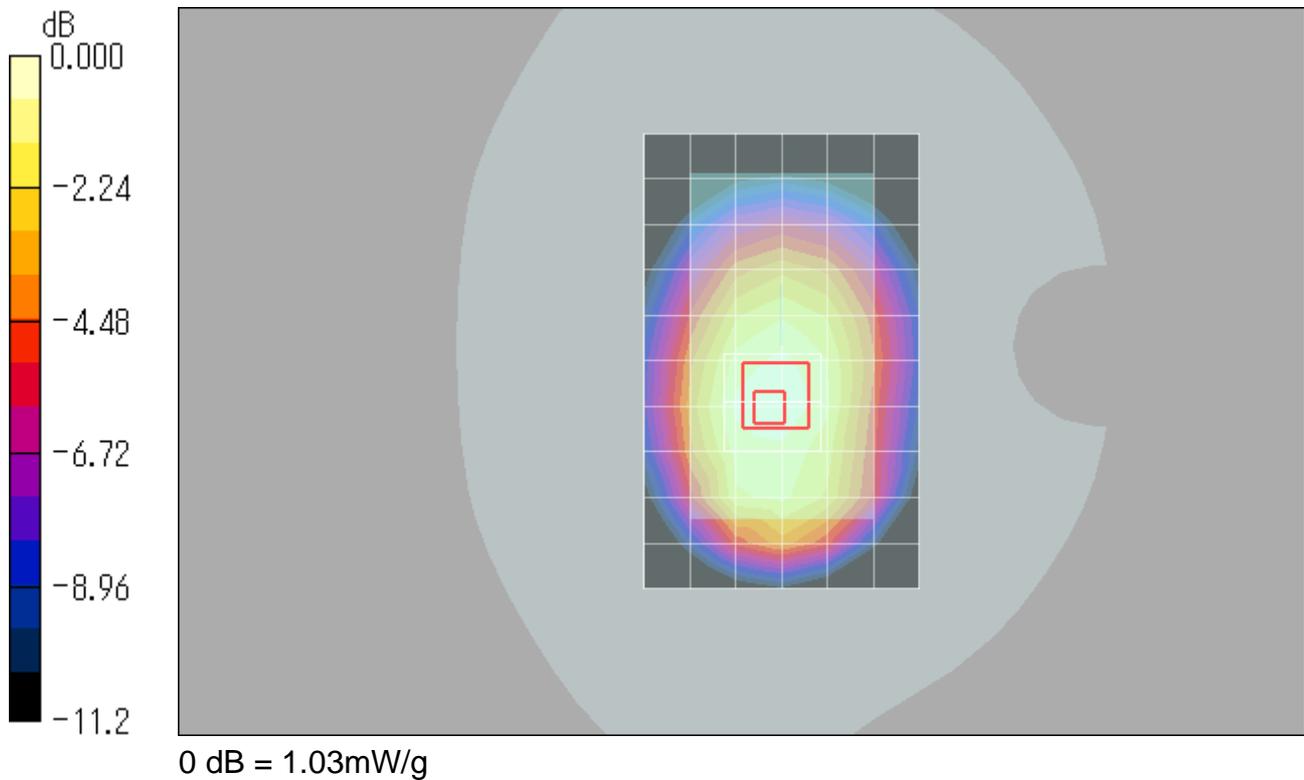
Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.03 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.1 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.709 mW/g
Maximum value of SAR (measured) = 1.03 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

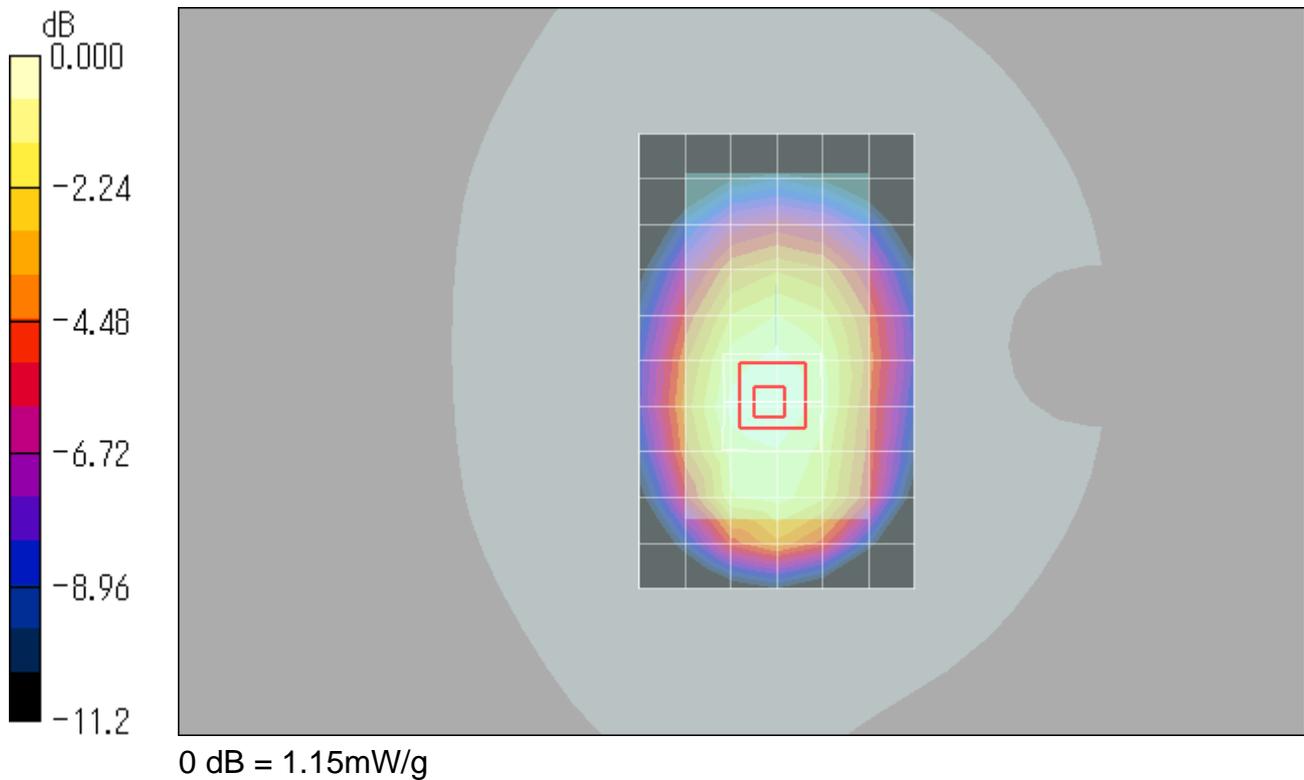
Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.18 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.3 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.799 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

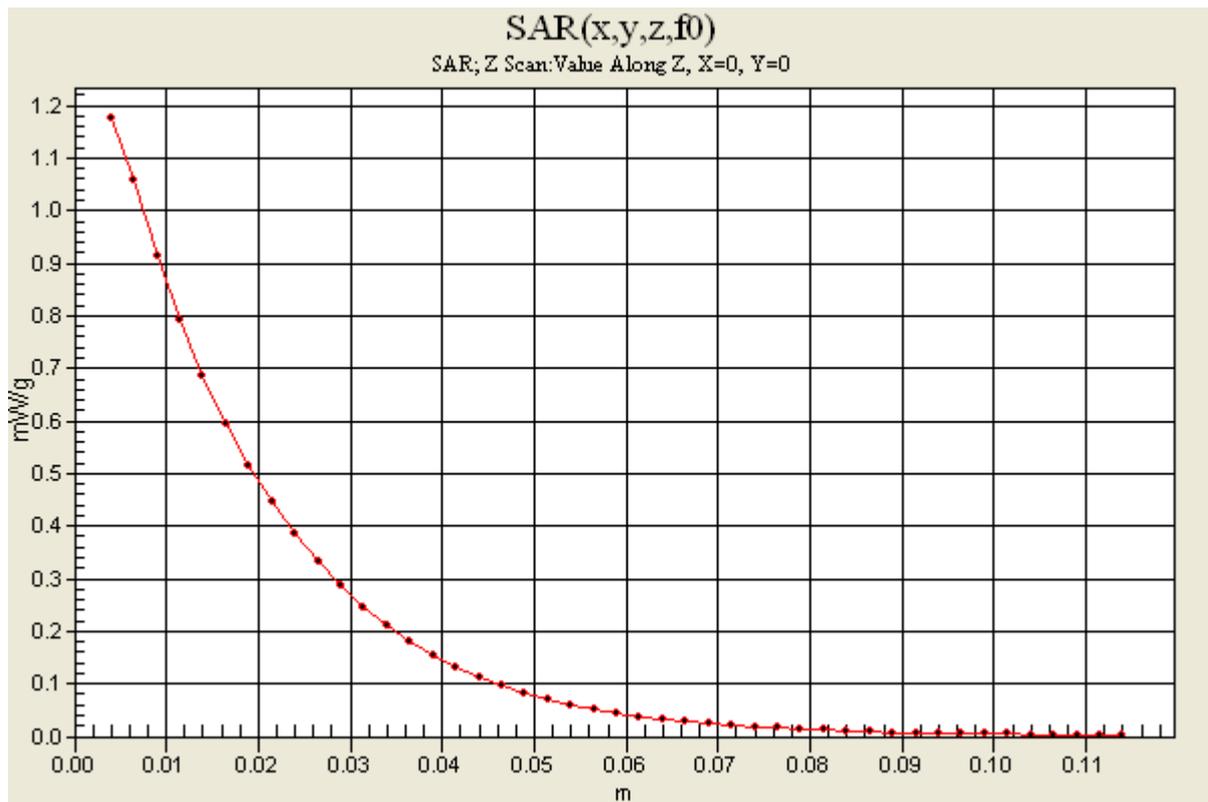
Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 1.18 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

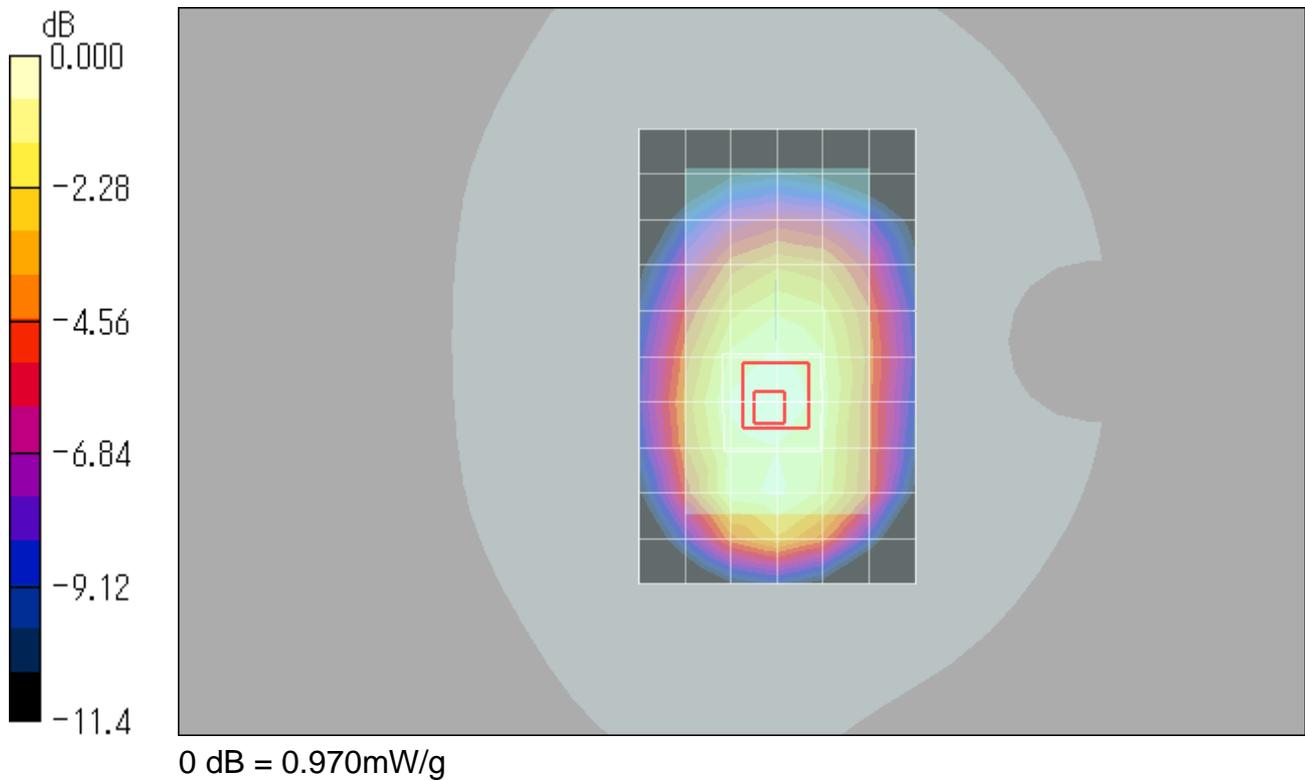
Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³
Measurement SW: DAS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side w/headset/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.975 mW/g

Rear Side w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.8 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.668 mW/g
Maximum value of SAR (measured) = 0.970 mW/g



Appendix 2 – SAR Test Plots (GSM 850)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 128ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

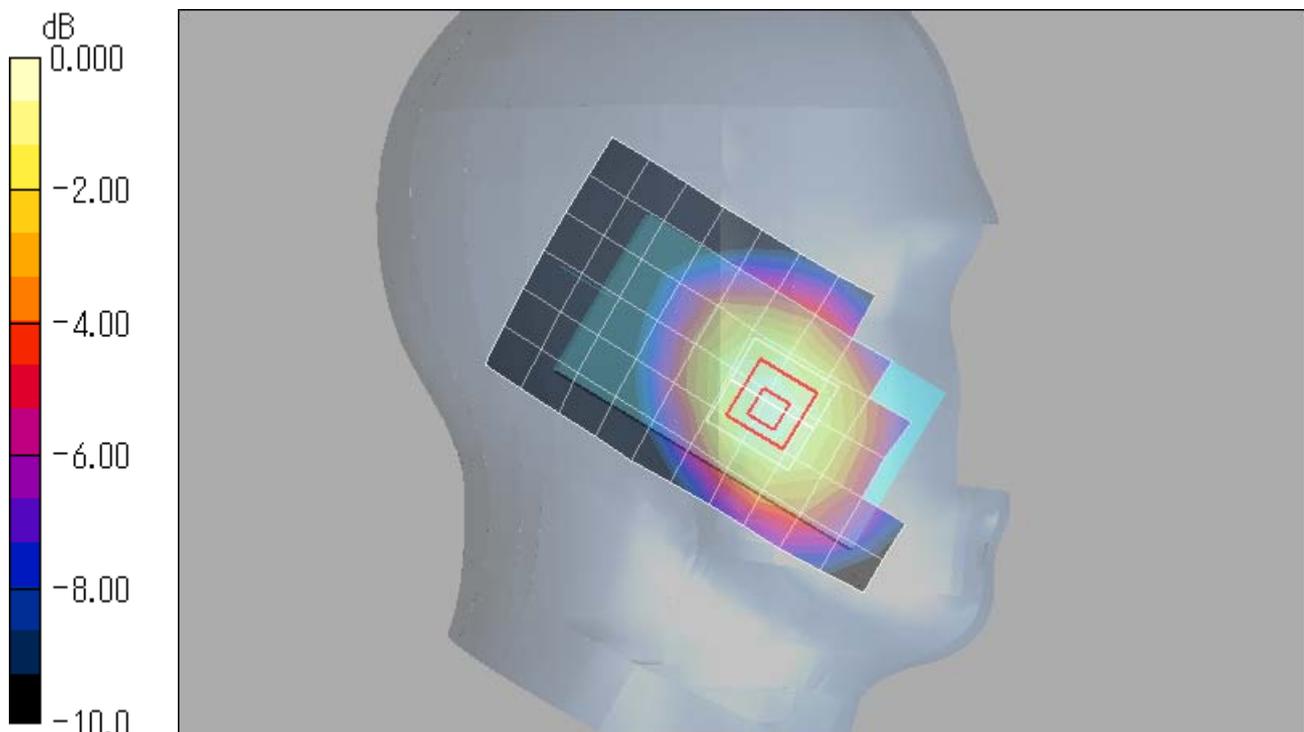
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.405 mW/g

Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.414mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

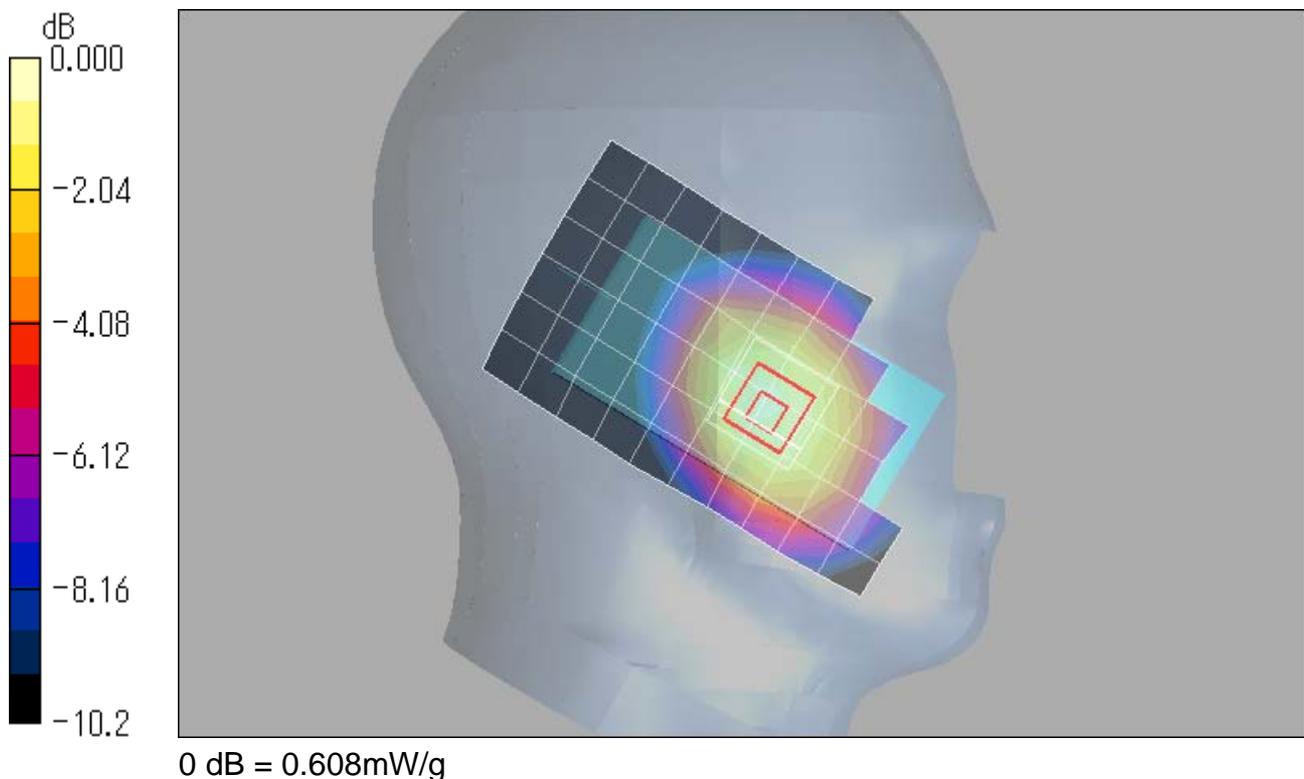
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.565 mW/g

Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.8 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.724 W/kg
SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.428 mW/g
Maximum value of SAR (measured) = 0.608 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 251ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

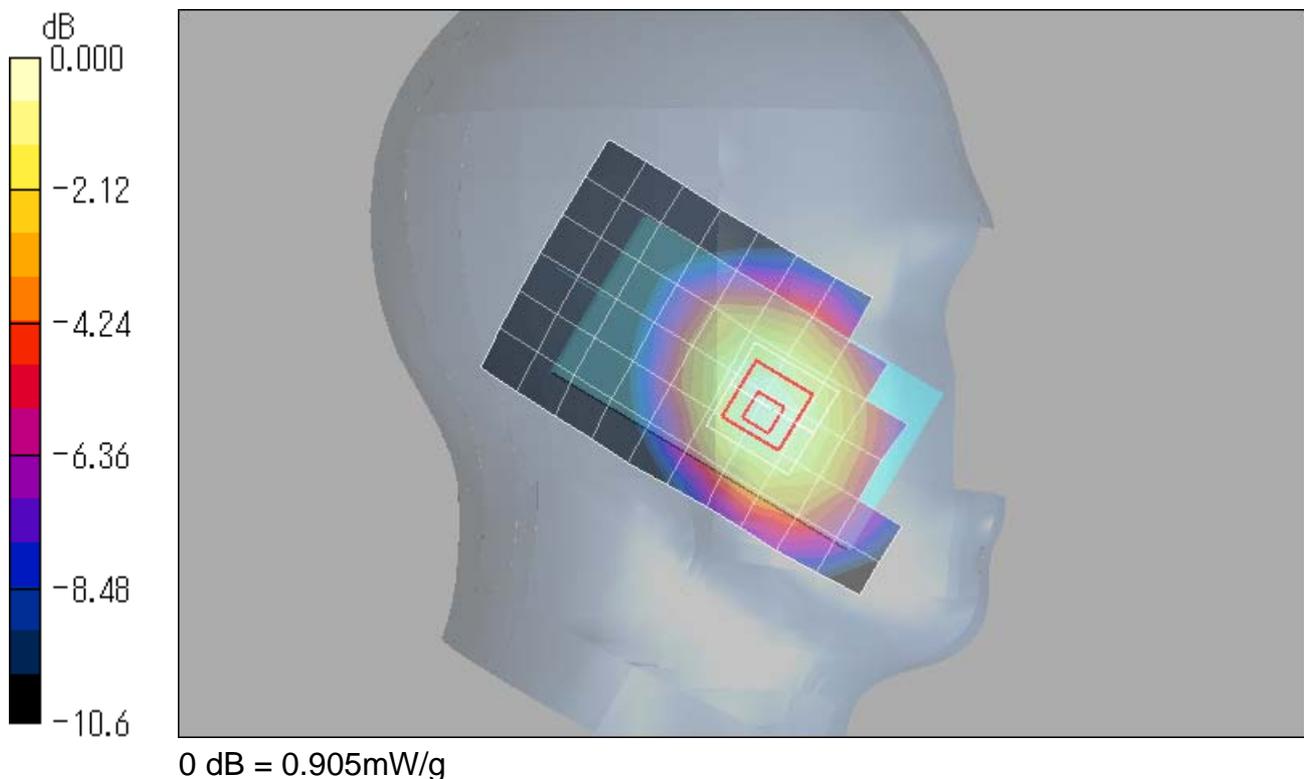
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.889 mW/g

Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.0 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.635 mW/g
Maximum value of SAR (measured) = 0.905 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 251ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

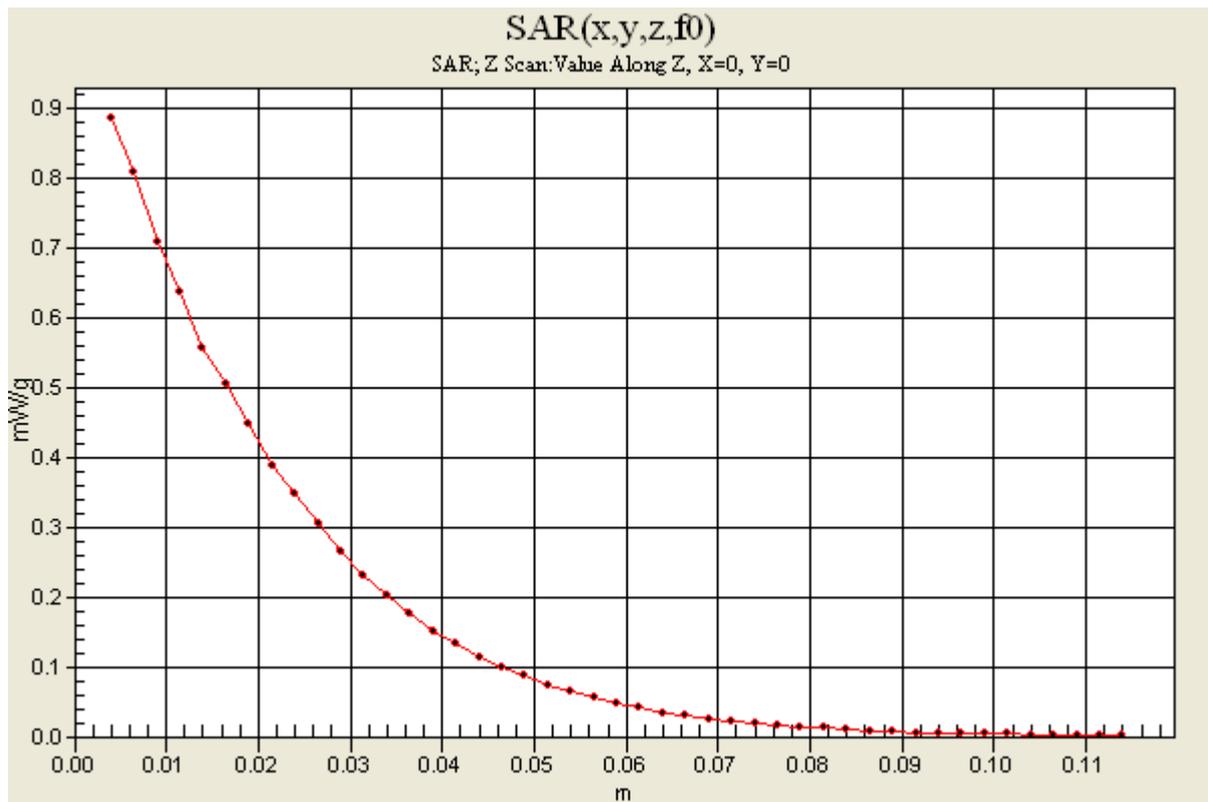
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
 Maximum value of SAR (measured) = 0.886 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Tilted/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.281 mW/g

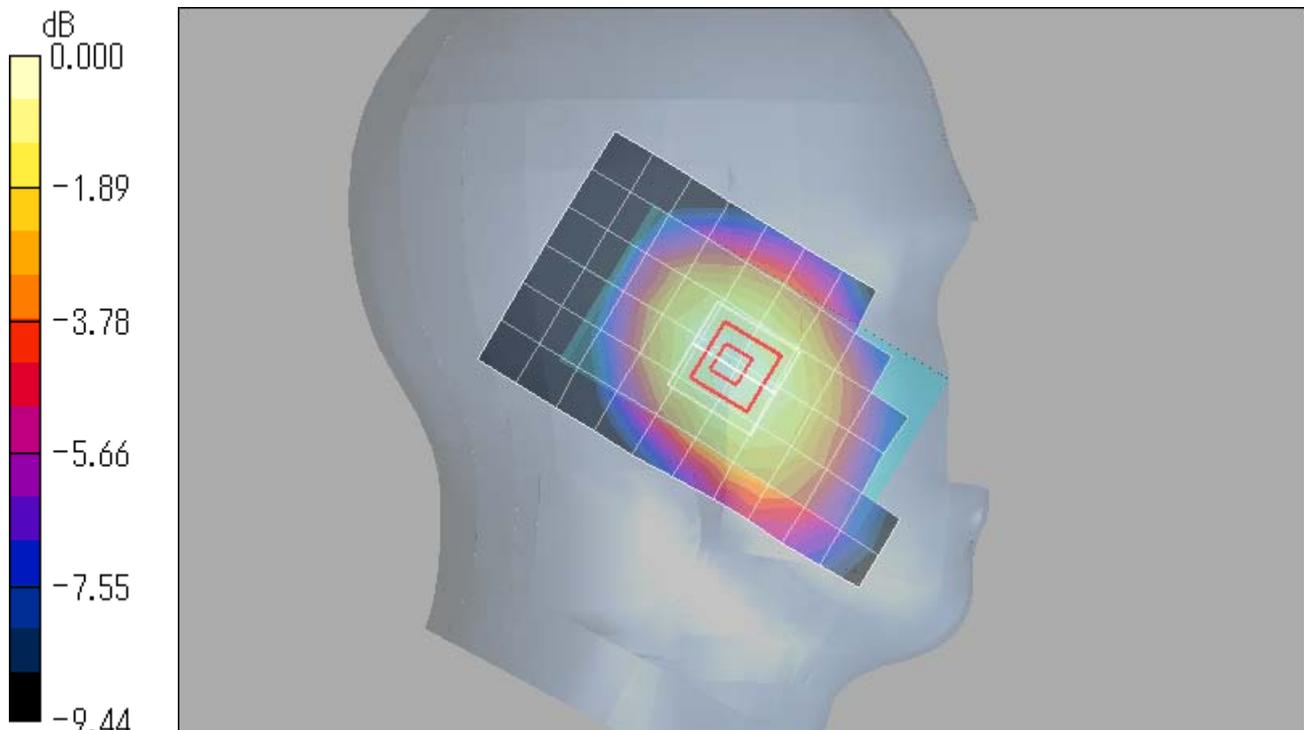
Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.285 mW/g



0 dB = 0.285mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.450 mW/g

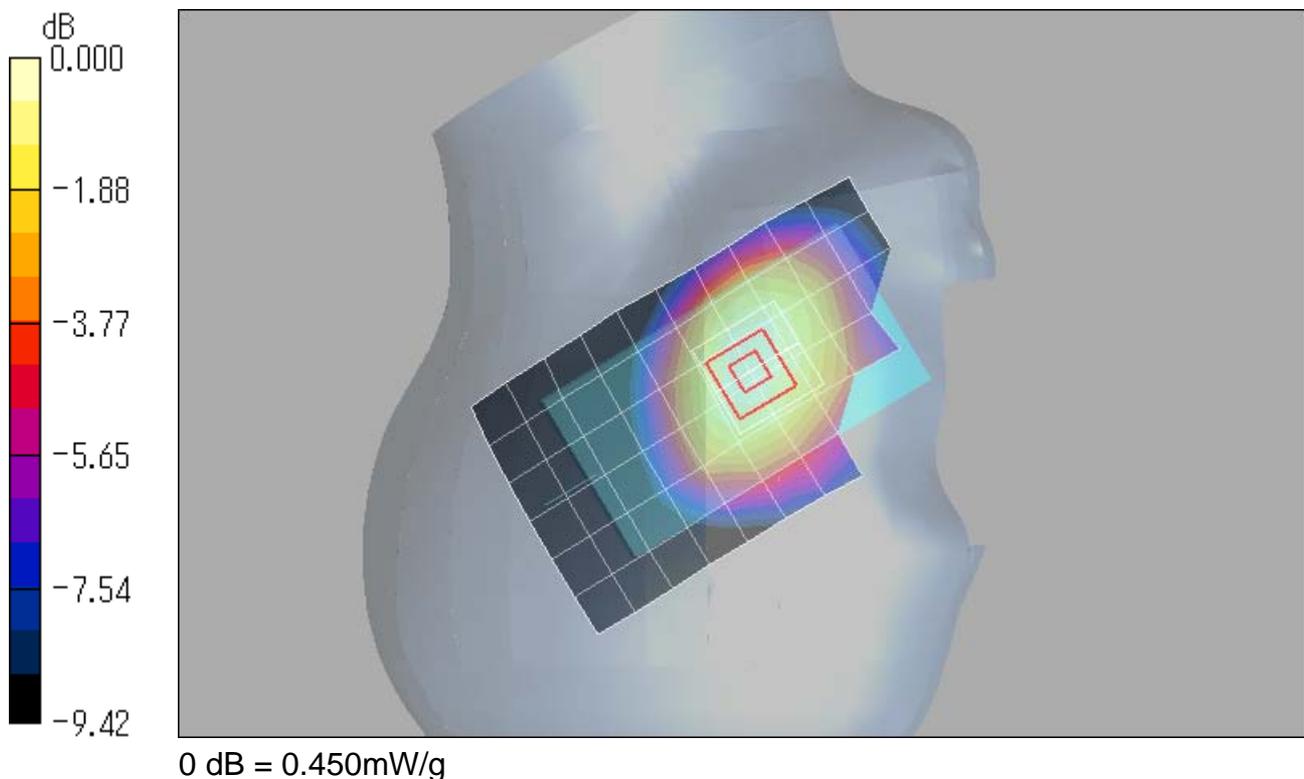
Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.9 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.324 mW/g

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



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Tilted/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.232 mW/g

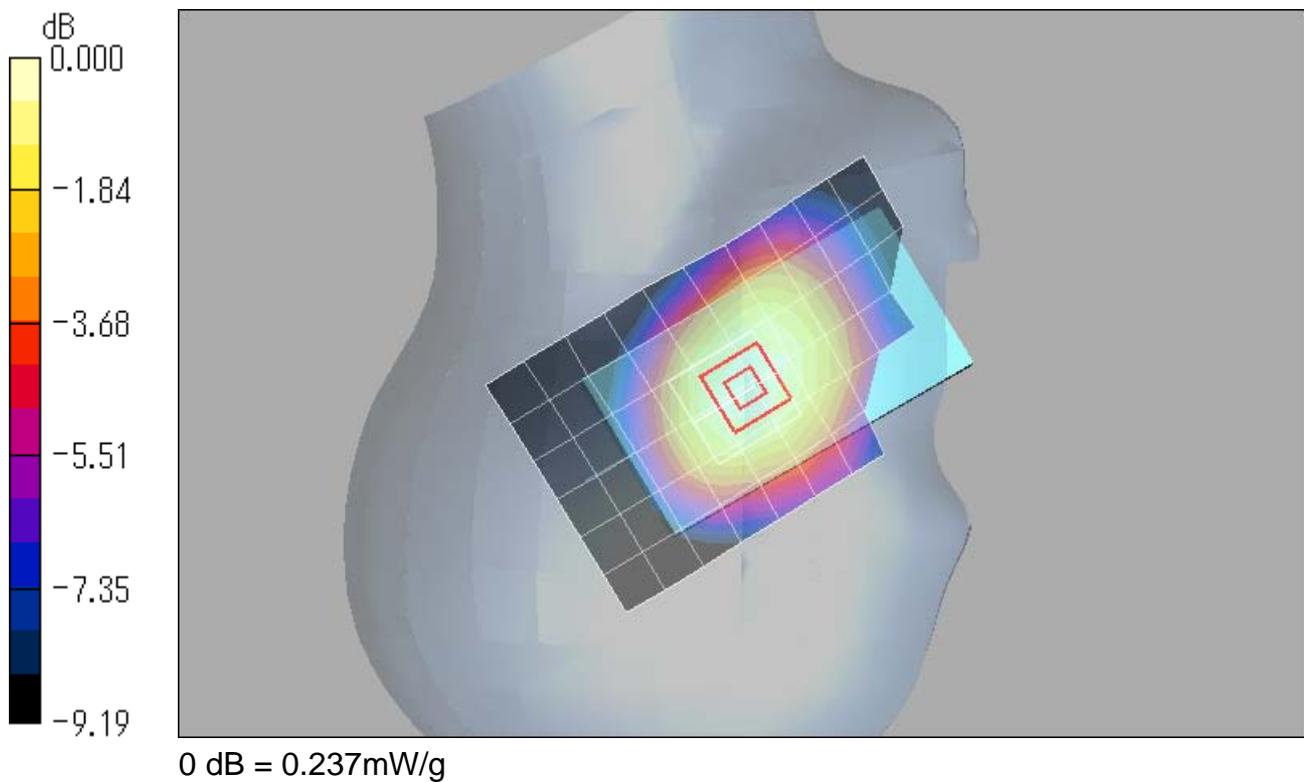
Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.237 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Bottom Edge/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.102 mW/g

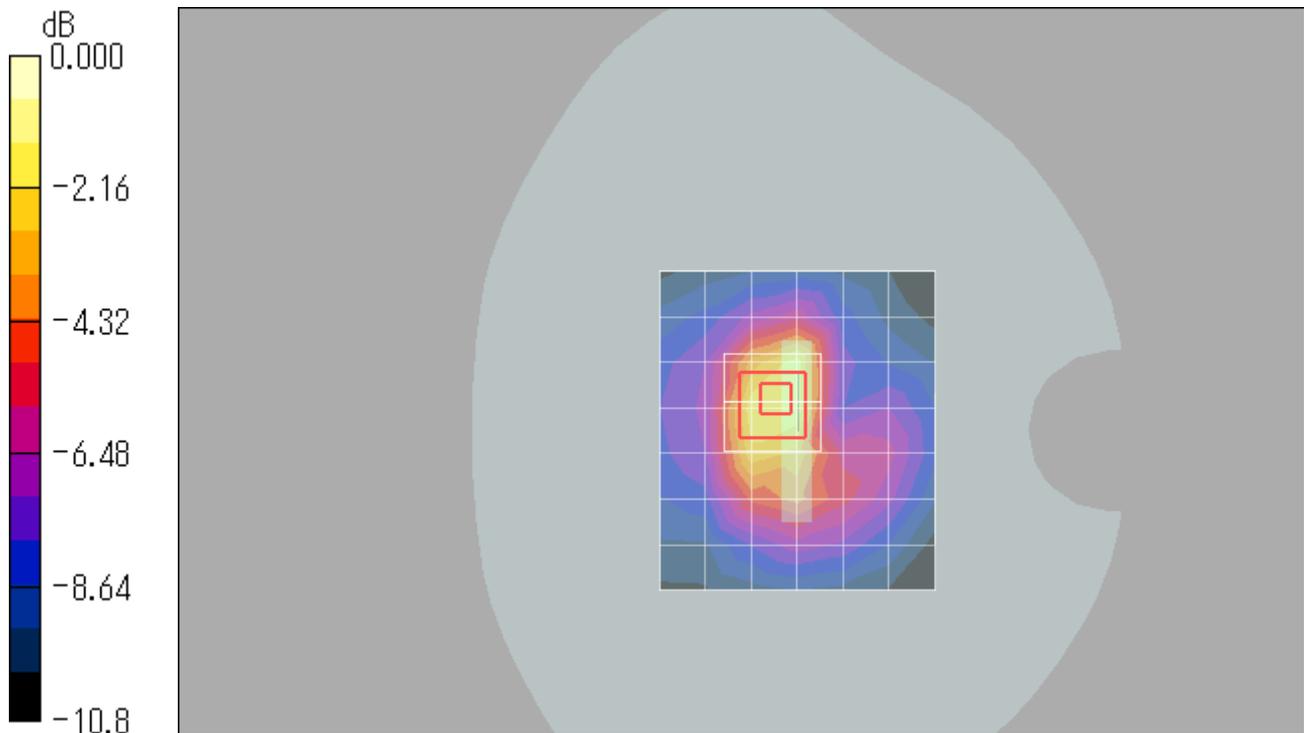
Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.46 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.503 mW/g

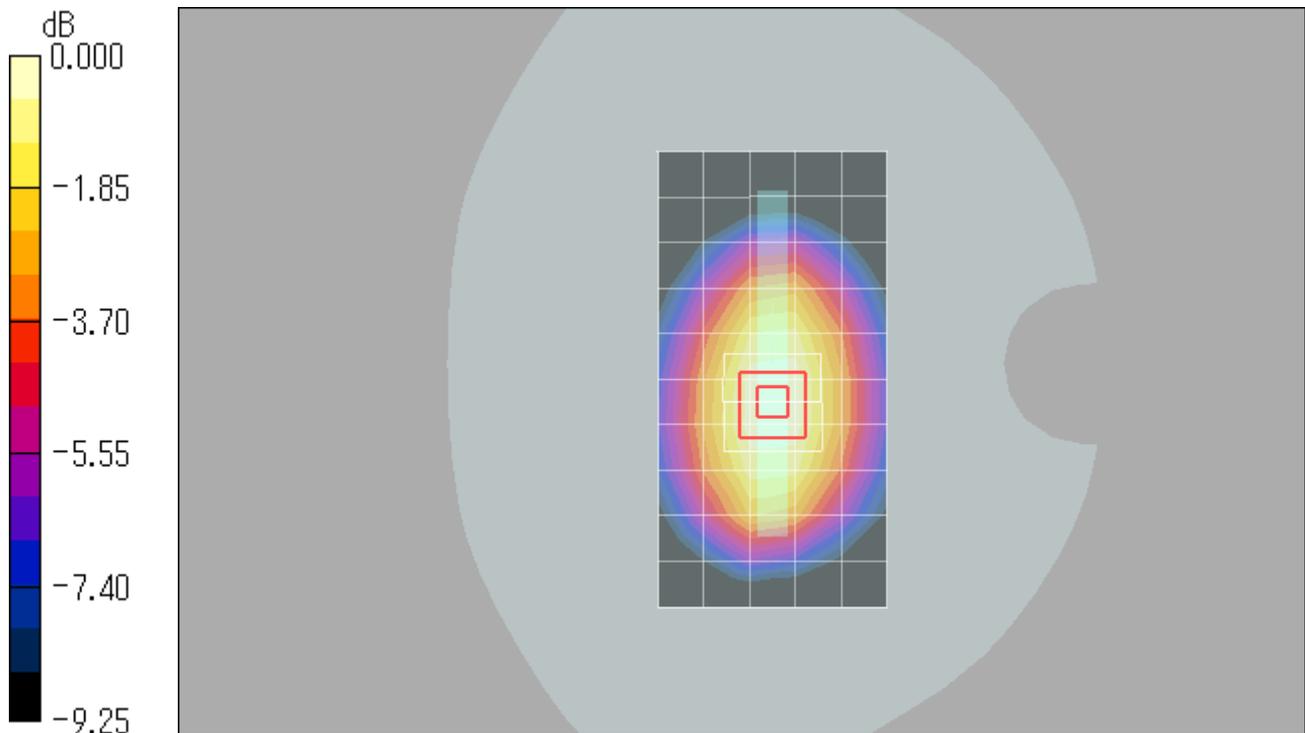
Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.0 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.532 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.345 mW/g

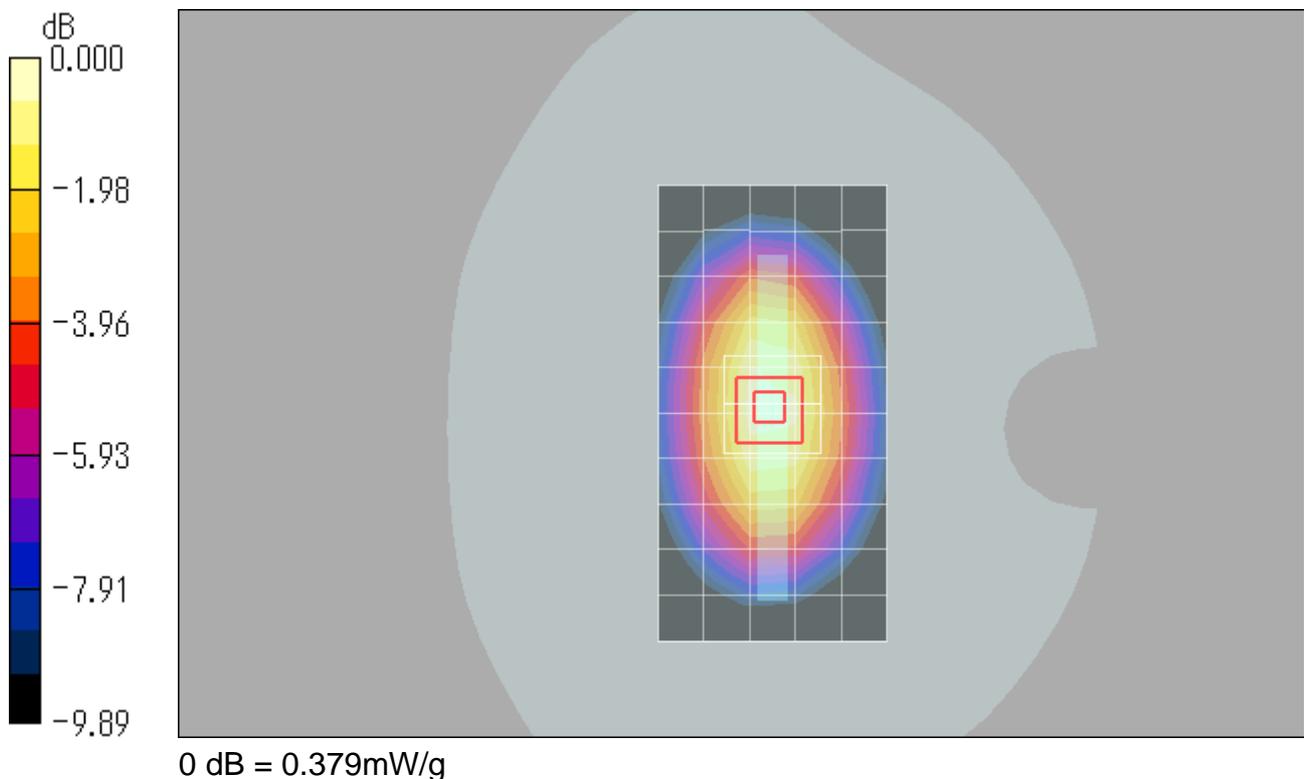
Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.379 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.593 mW/g

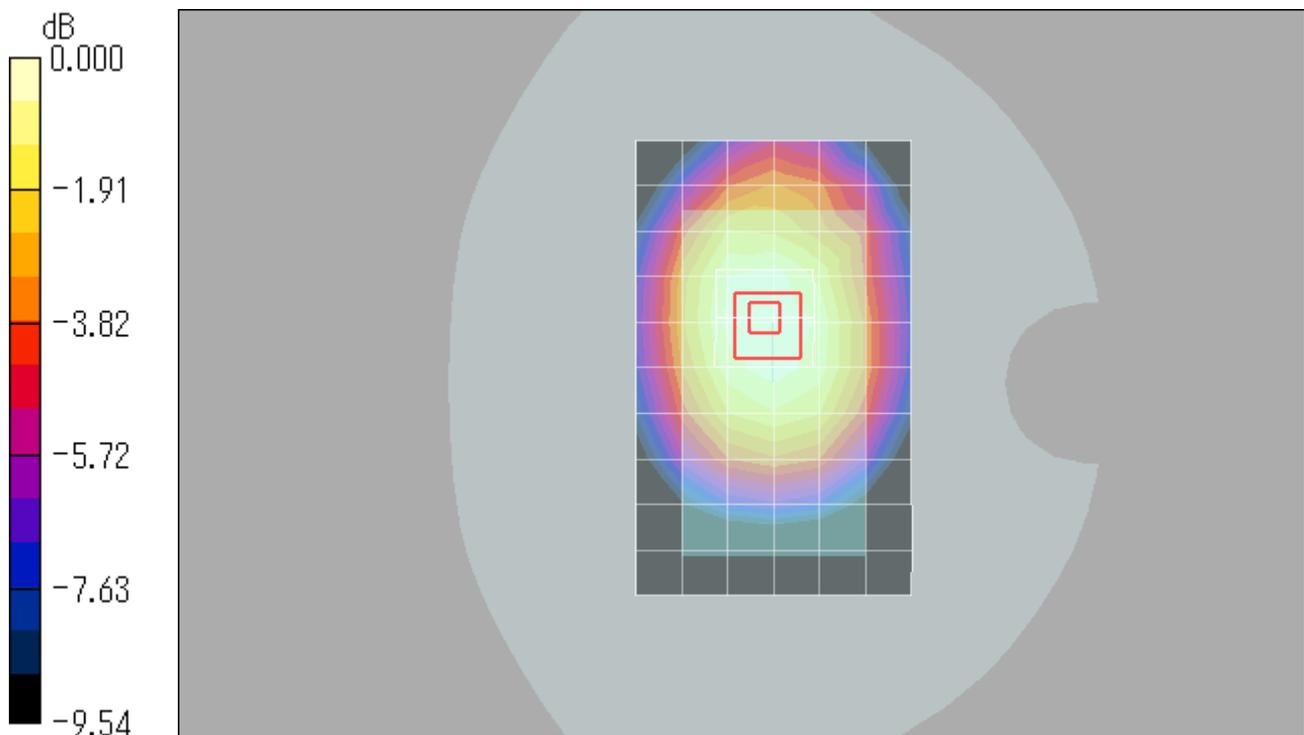
Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.586 mW/g



0 dB = 0.586mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 128ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.794 mW/g

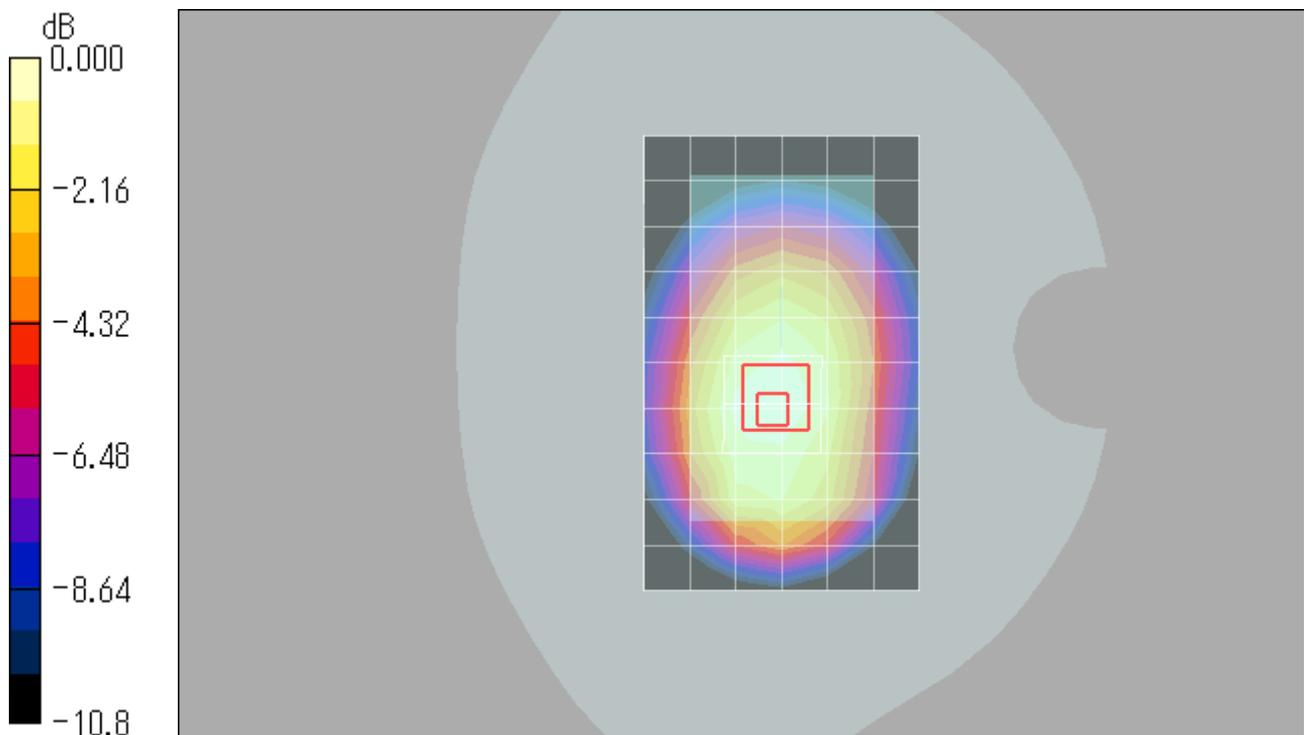
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.2 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.548 mW/g

Maximum value of SAR (measured) = 0.785 mW/g



0 dB = 0.785mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.00 mW/g

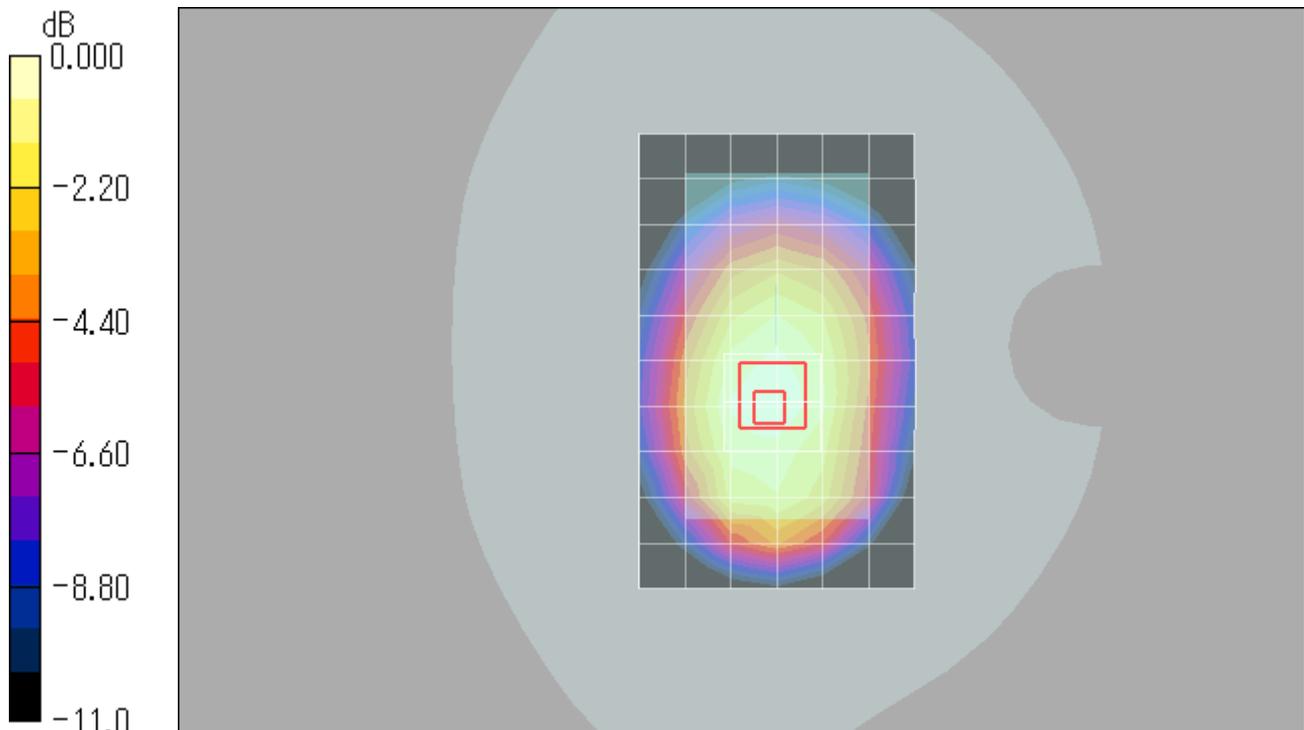
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.7 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.683 mW/g

Maximum value of SAR (measured) = 0.991 mW/g



0 dB = 0.991mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 251ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.20 mW/g

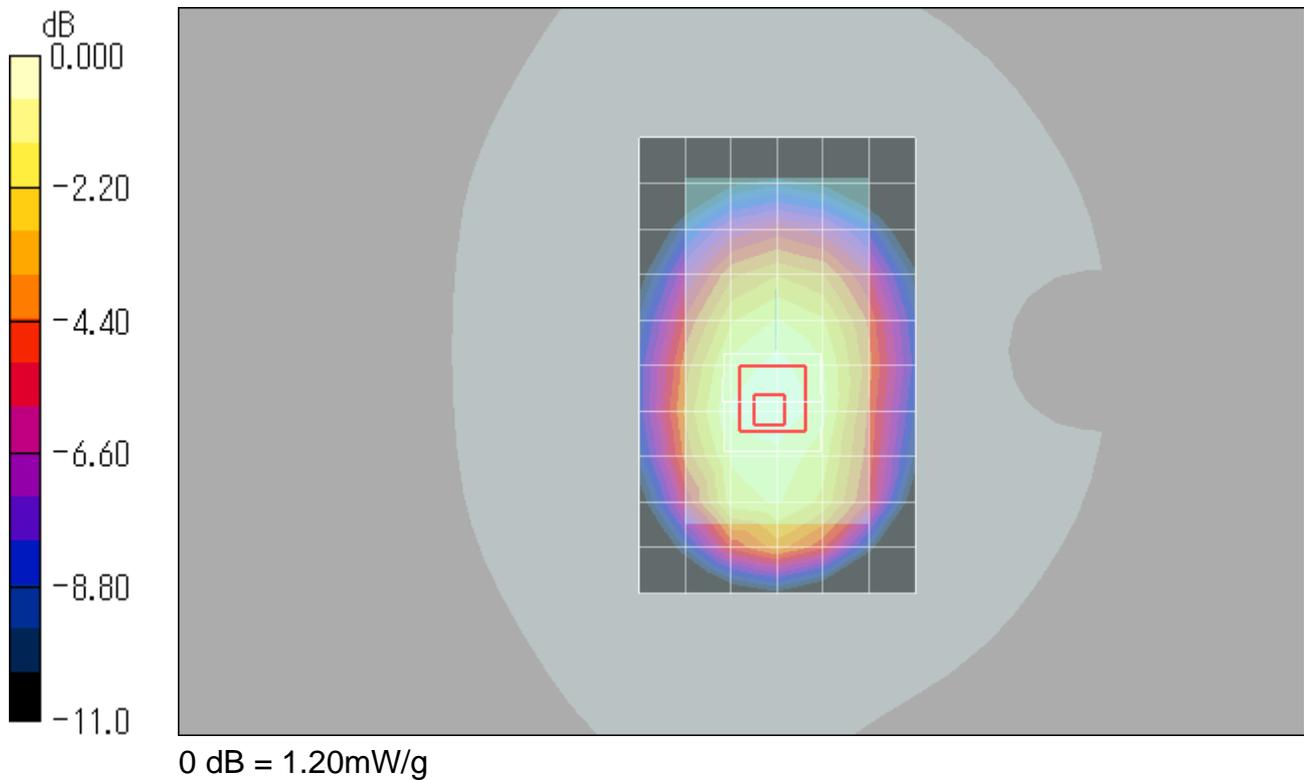
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.7 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.834 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 251ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

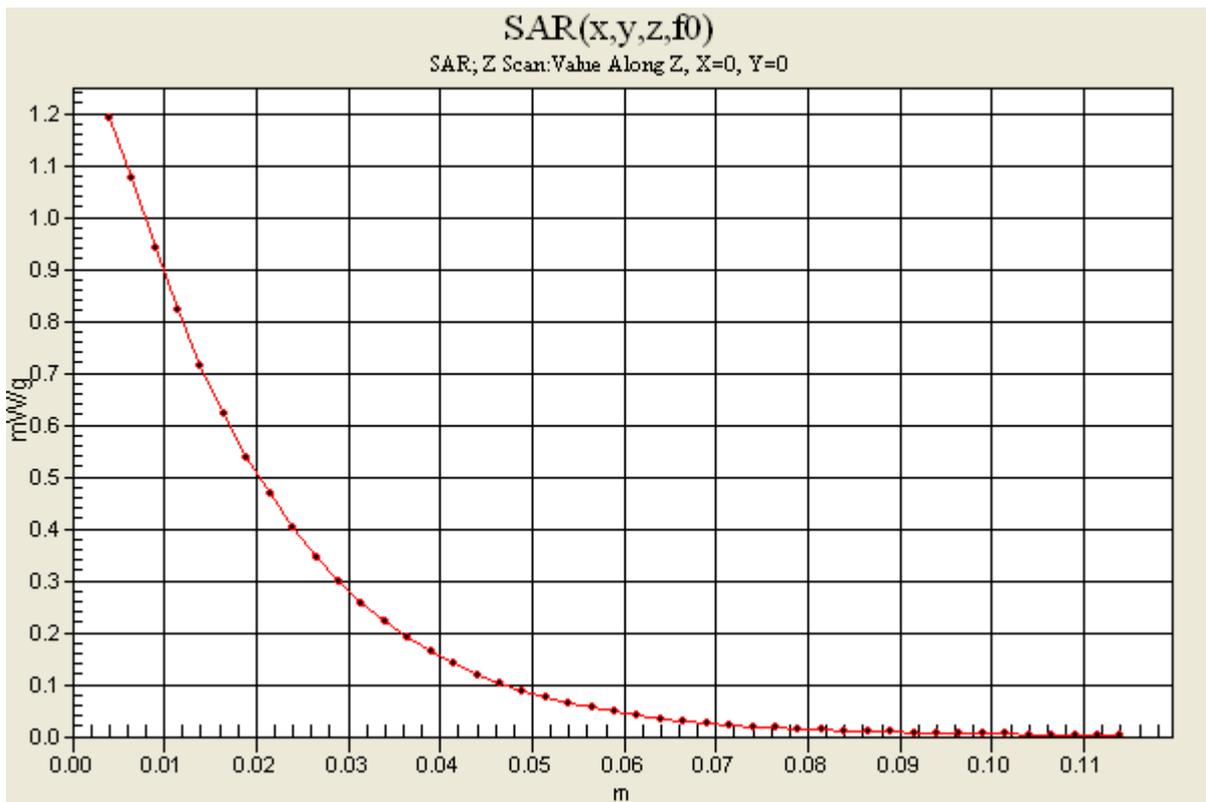
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 251ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 6.21, 6.21); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side w/headset/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.823 mW/g

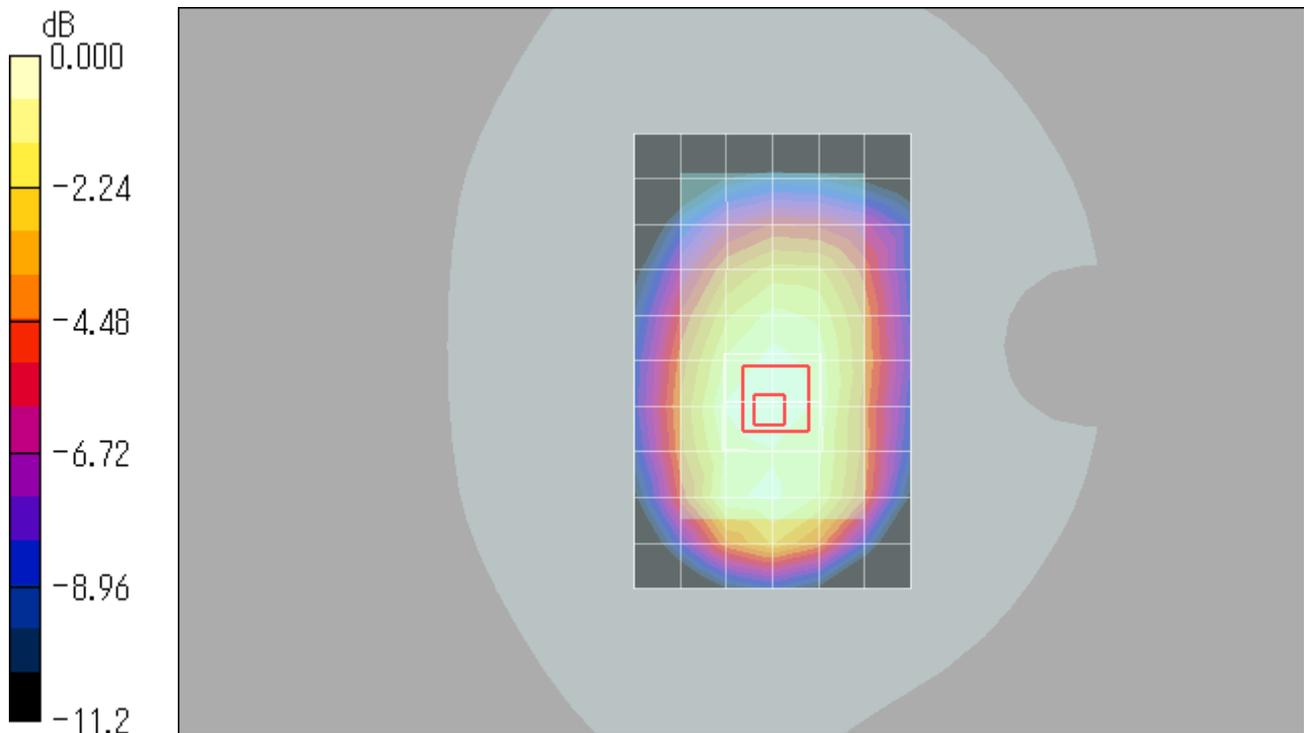
Rear Side w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.5 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.566 mW/g

Maximum value of SAR (measured) = 0.808 mW/g



0 dB = 0.808mW/g

Appendix 2 – SAR Test Plots (PCS 1900)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.240 mW/g

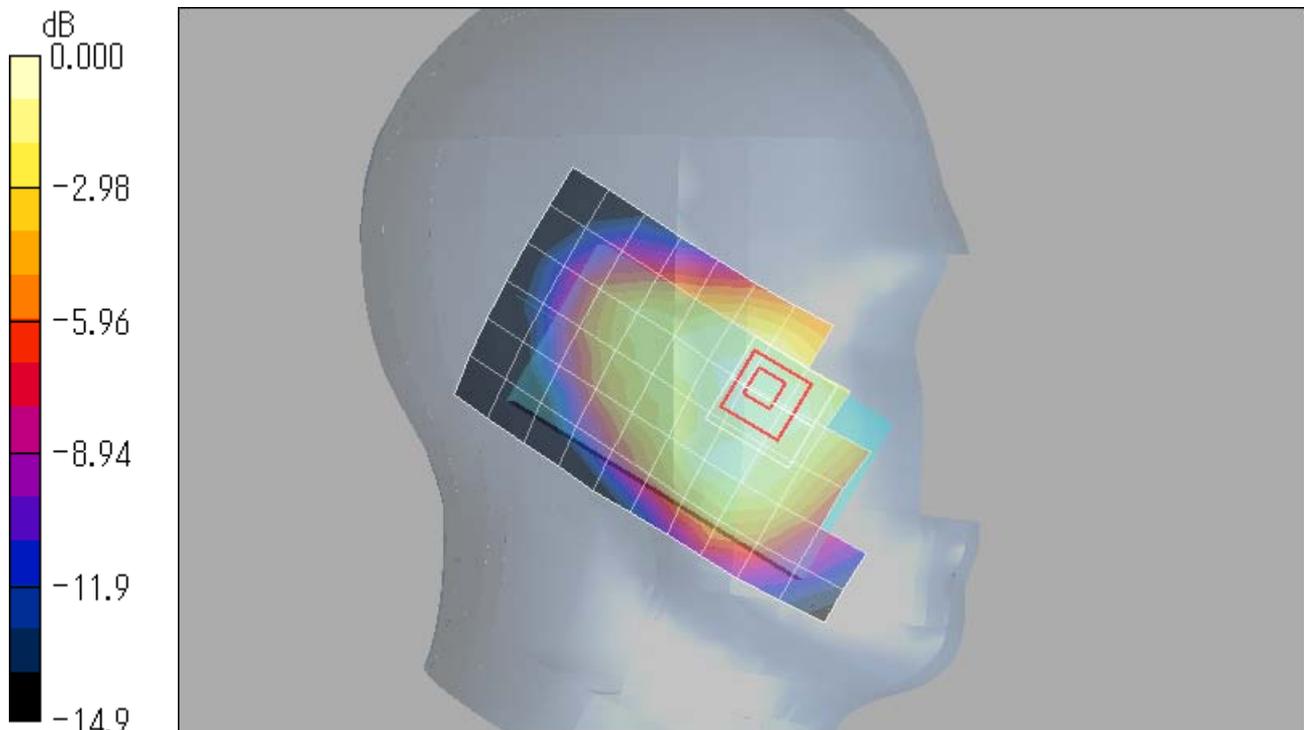
Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.235mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Tilted/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.185 mW/g

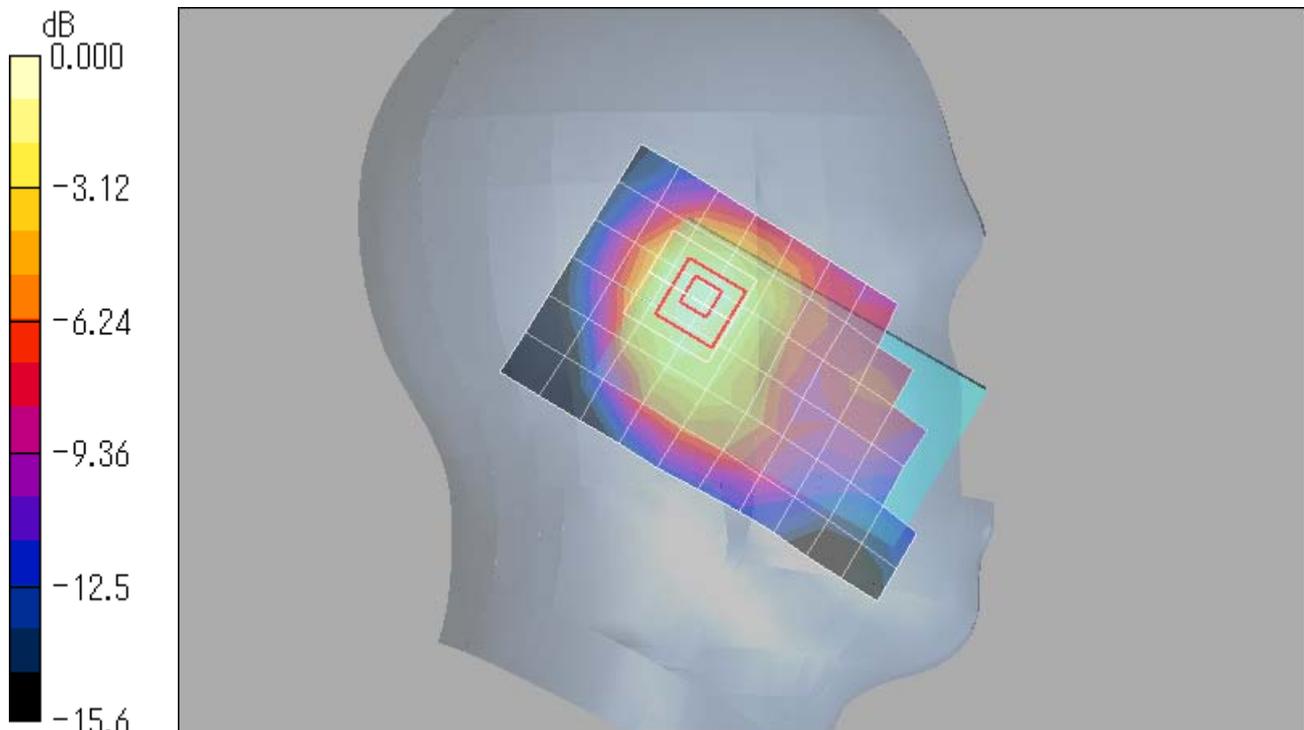
Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.185 mW/g



0 dB = 0.185mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 512ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.404 mW/g

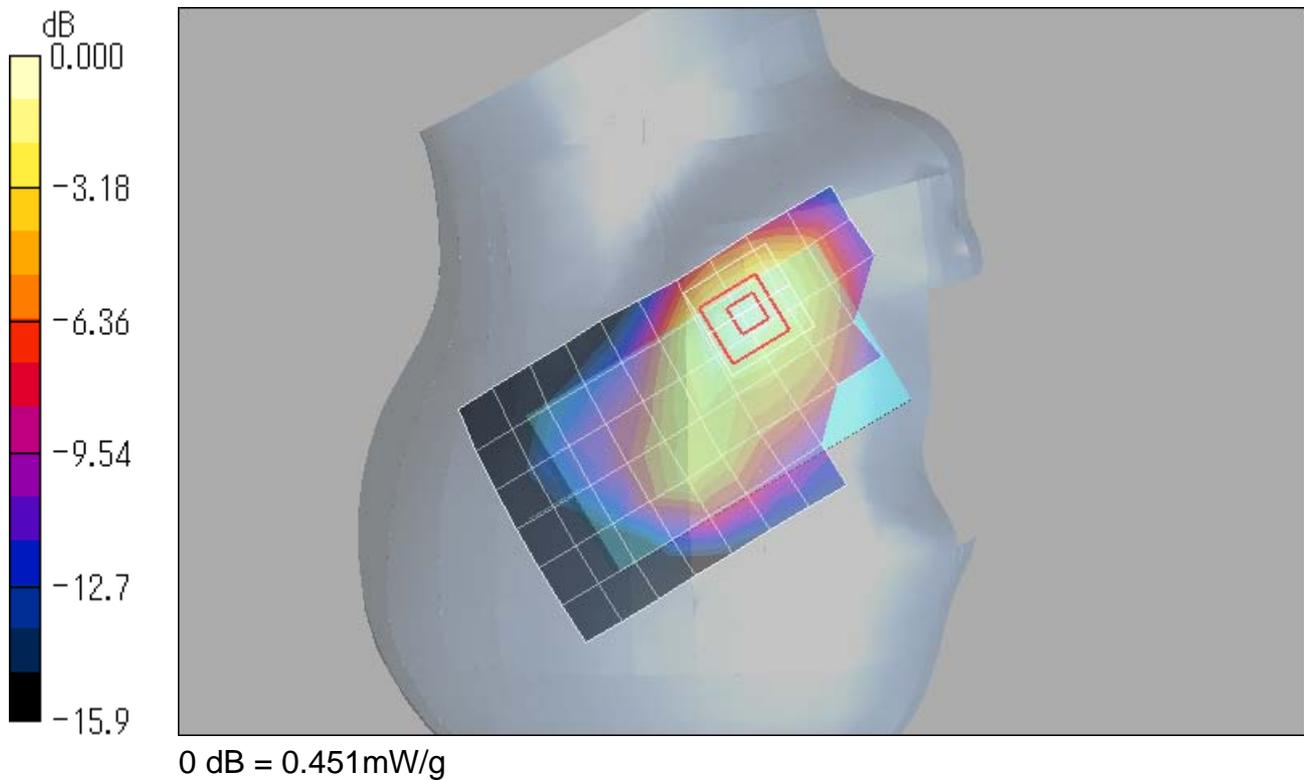
Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.585 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.451 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.505 mW/g

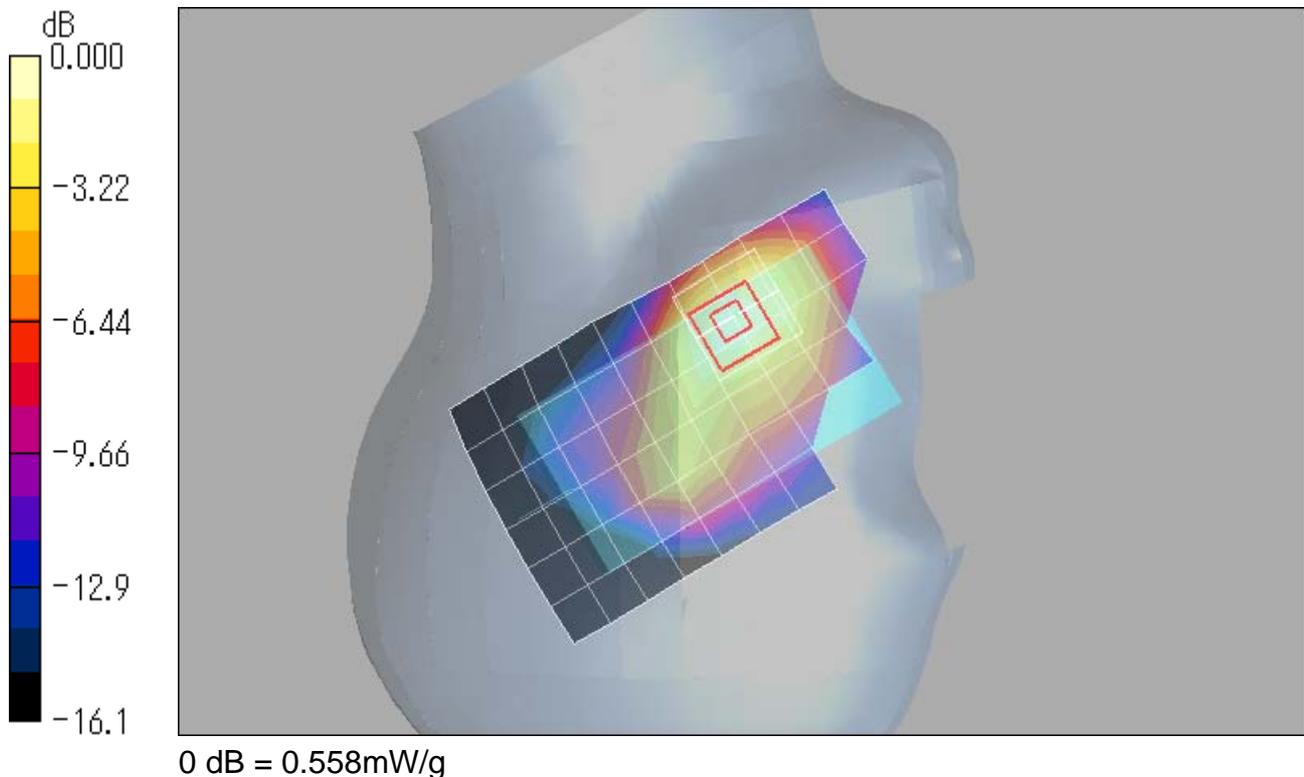
Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.558 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.533 mW/g

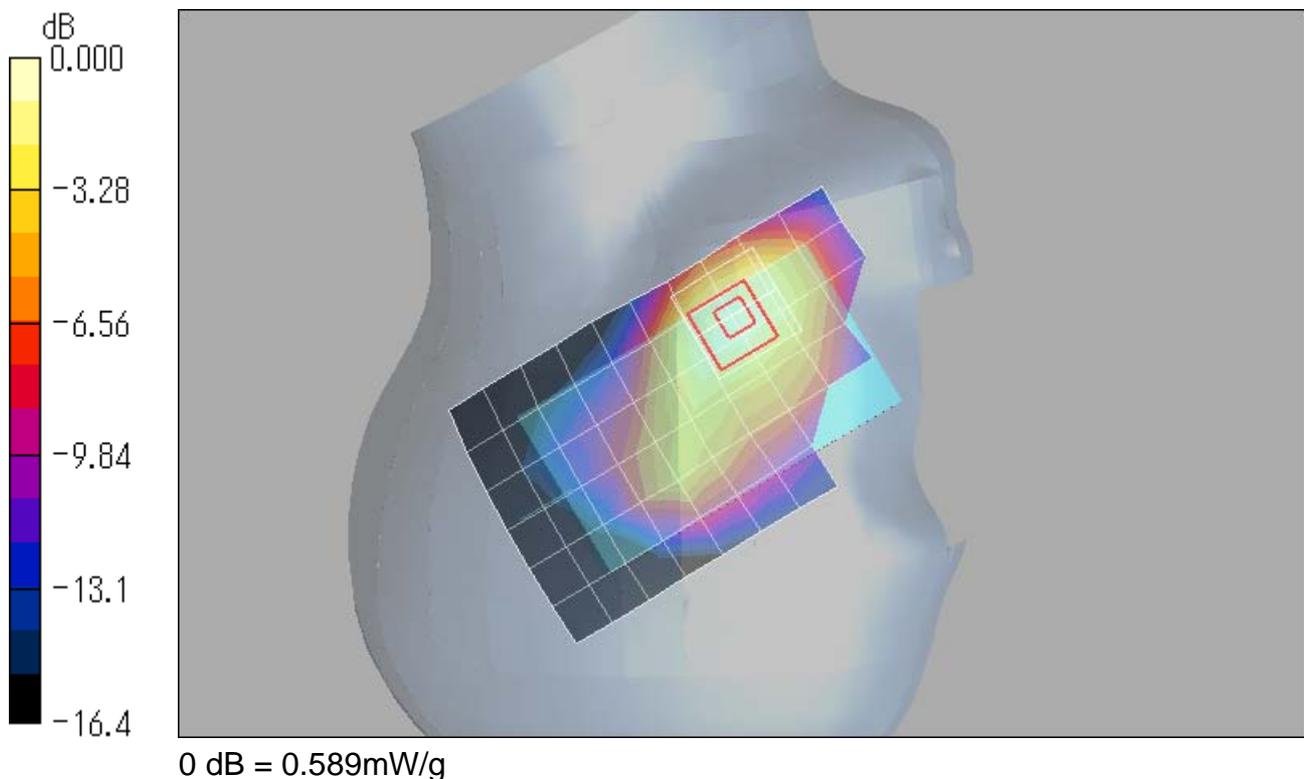
Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.589 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

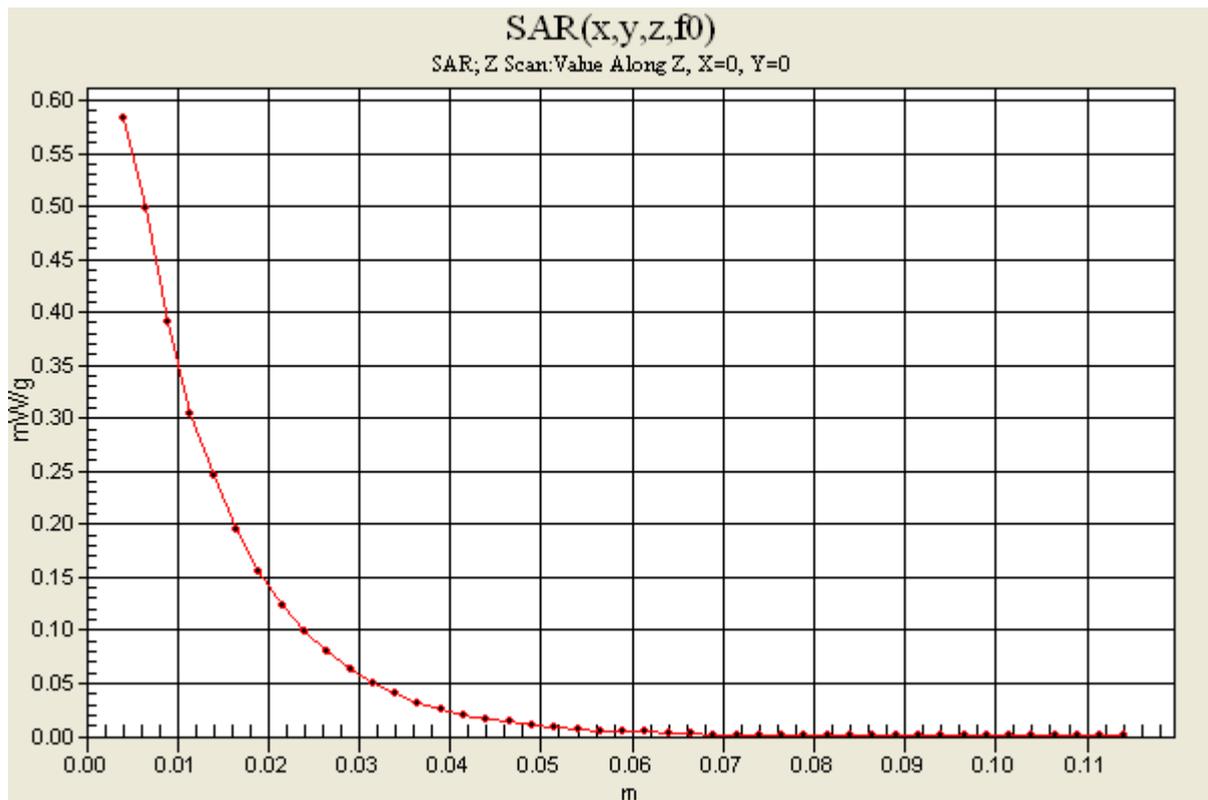
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.583 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Tilted/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.163 mW/g

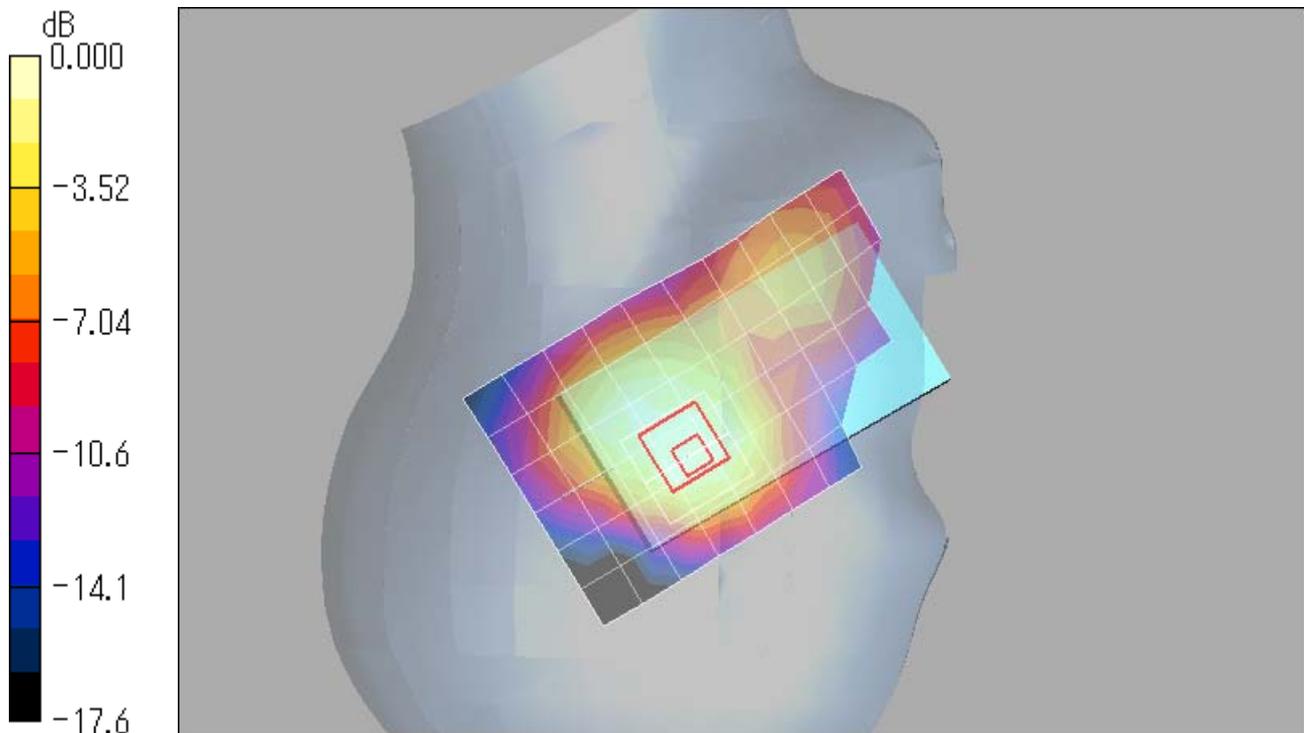
Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.61 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.173 mW/g



0 dB = 0.173mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Bottom Edge/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.214 mW/g

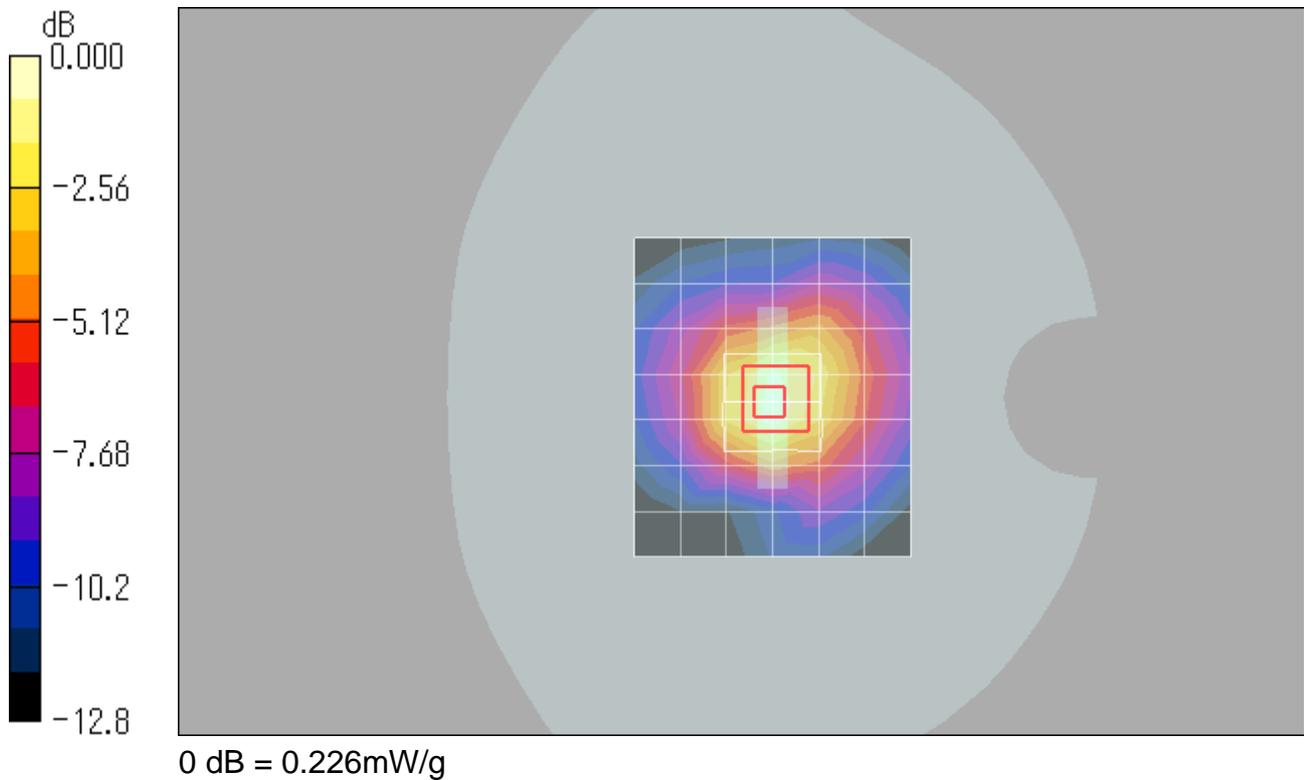
Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.226 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Edge/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.046 mW/g

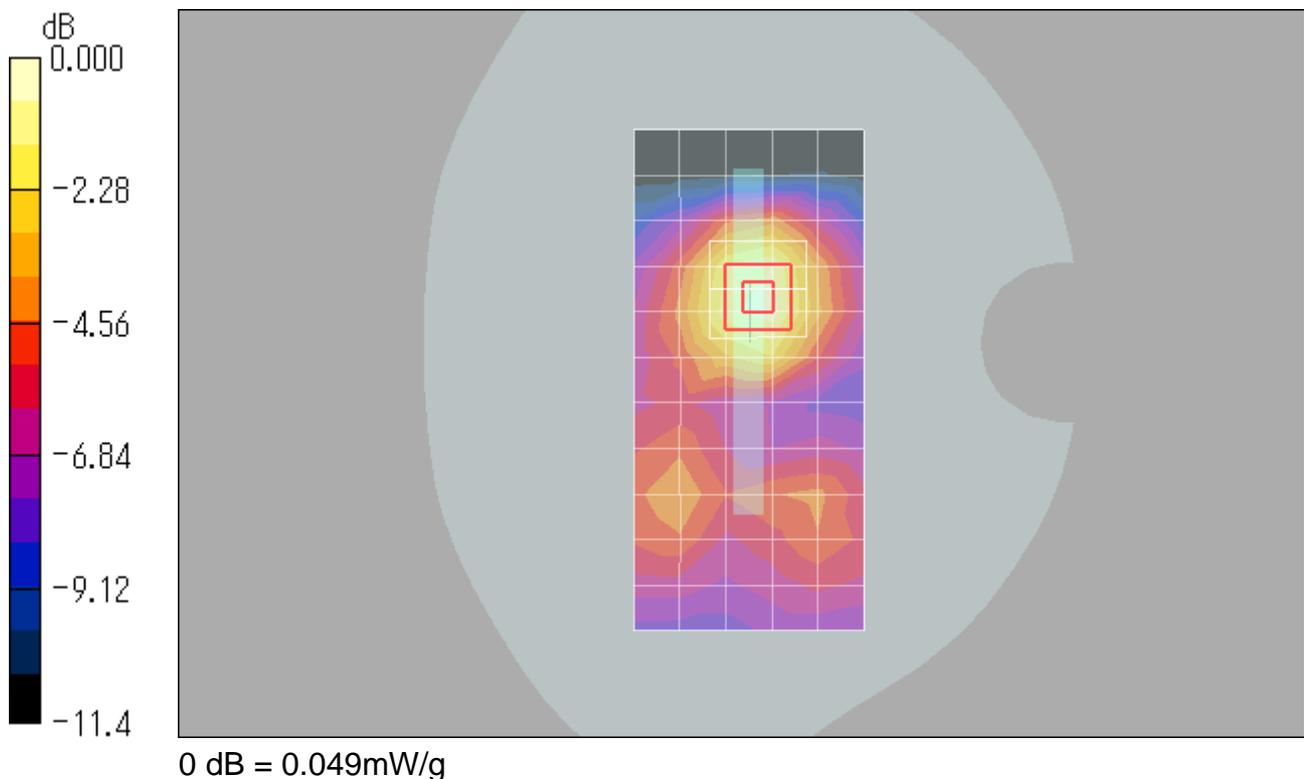
Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.29 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.337 mW/g

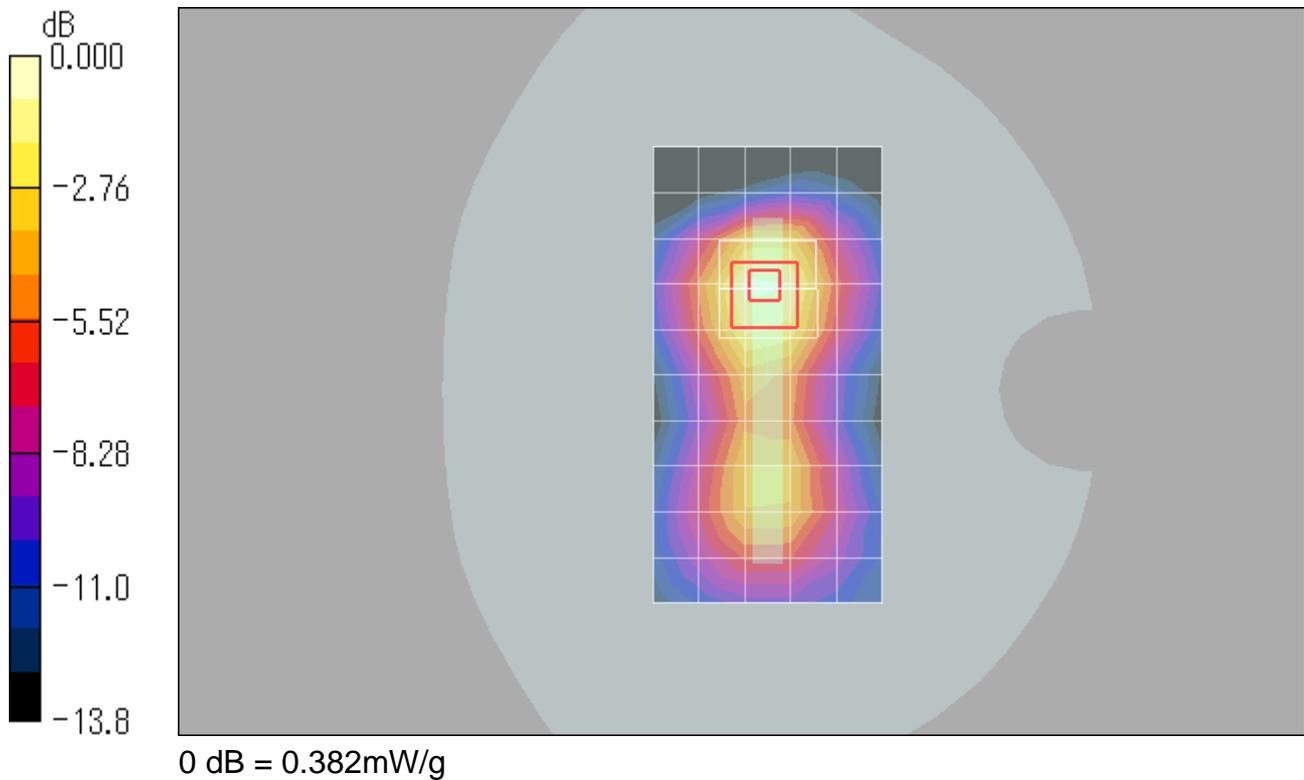
Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.382 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.467 mW/g

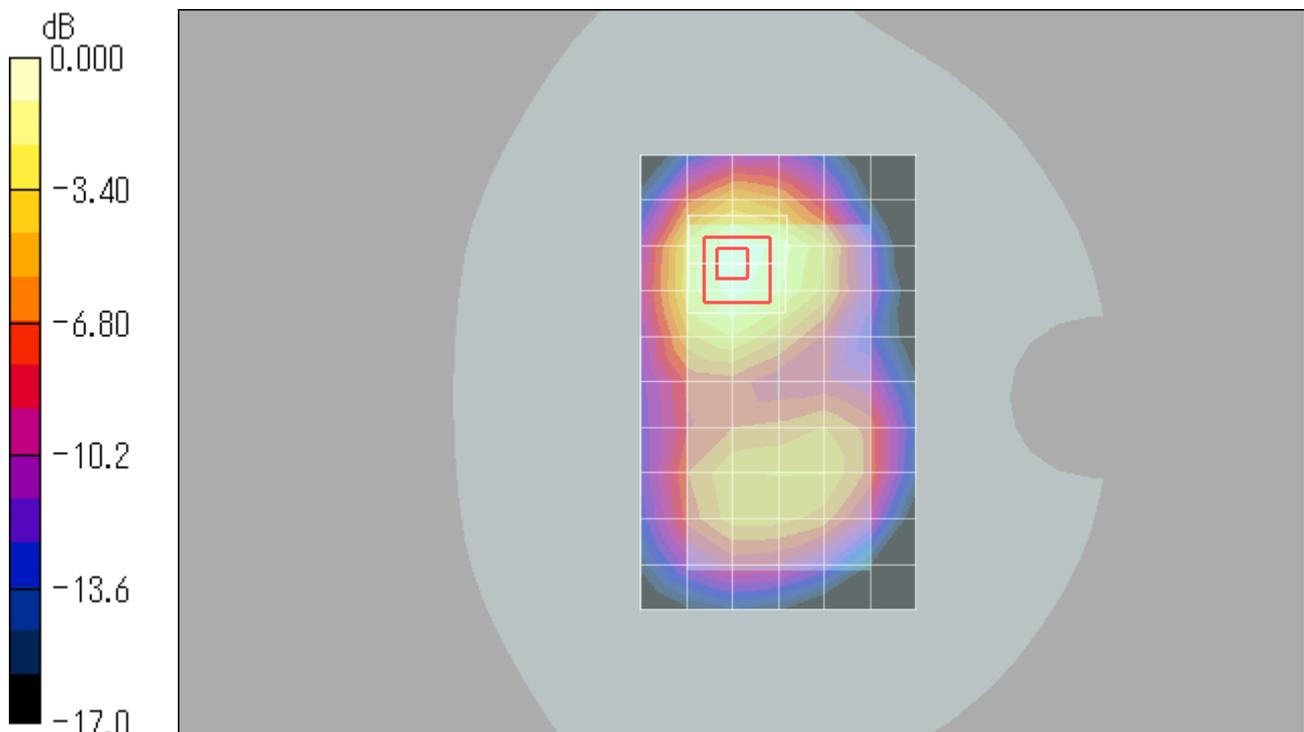
Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.683 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.511 mW/g



0 dB = 0.511mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 512ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.669 mW/g

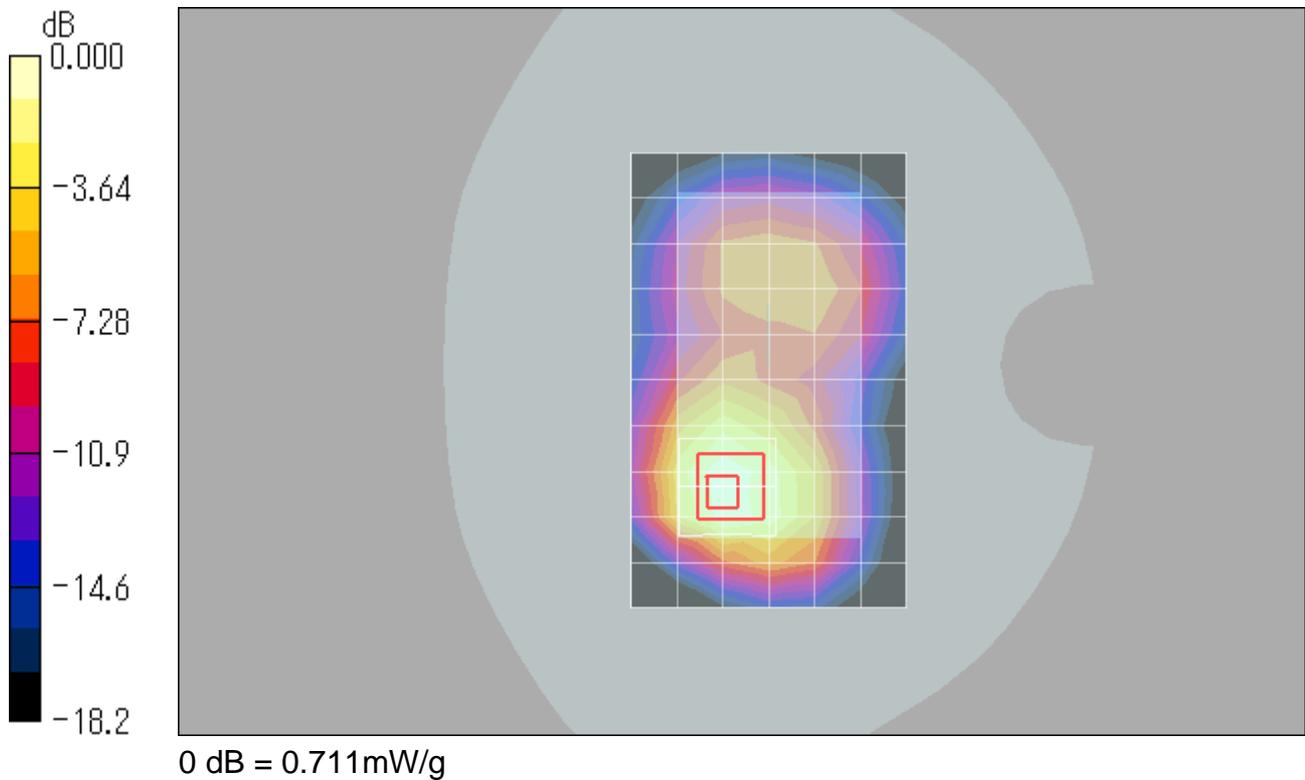
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.0 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.711 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.791 mW/g

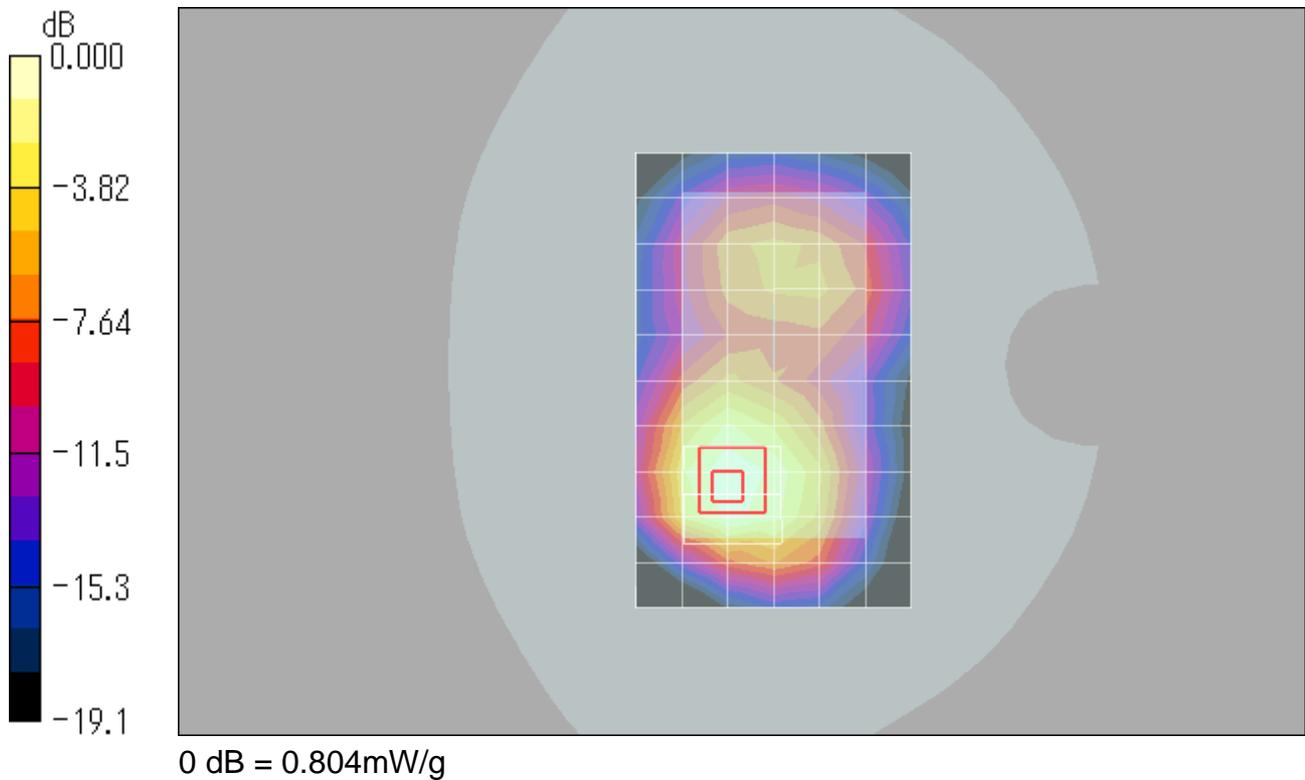
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.804 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.882 mW/g

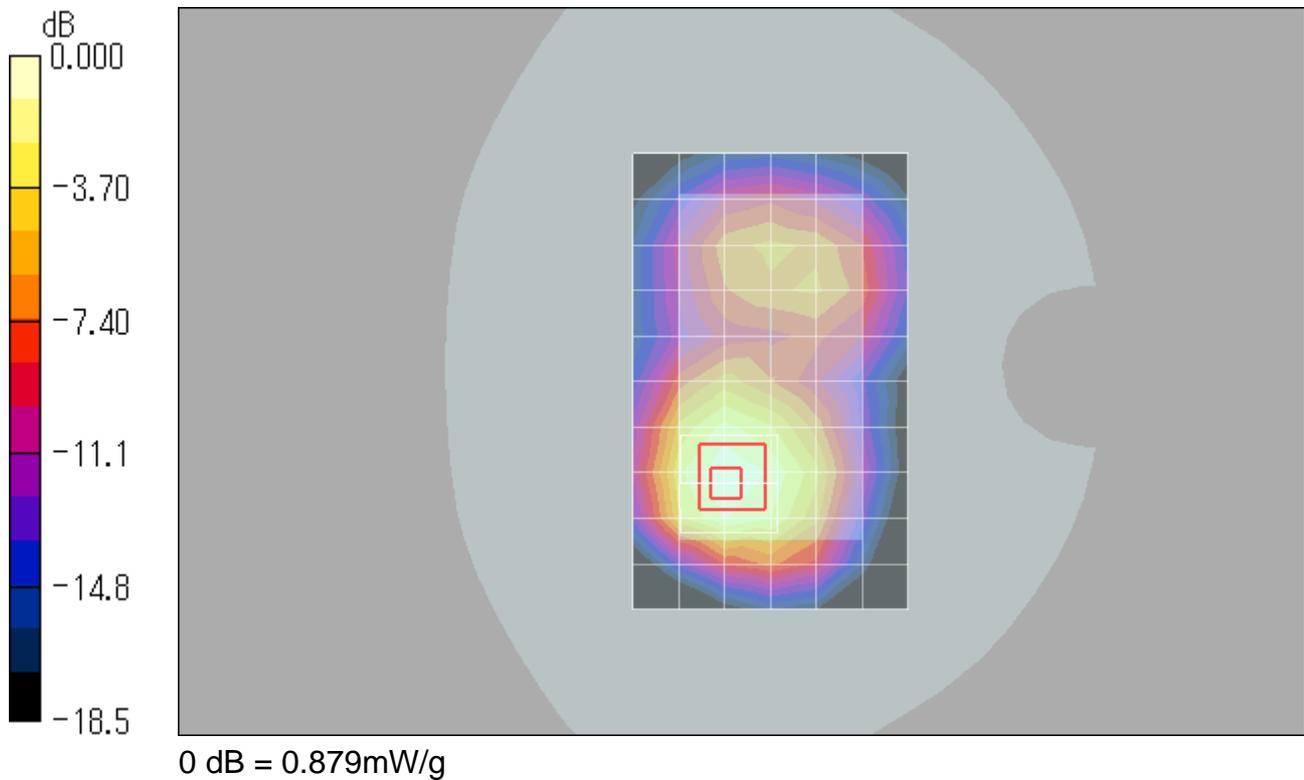
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 0.879 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

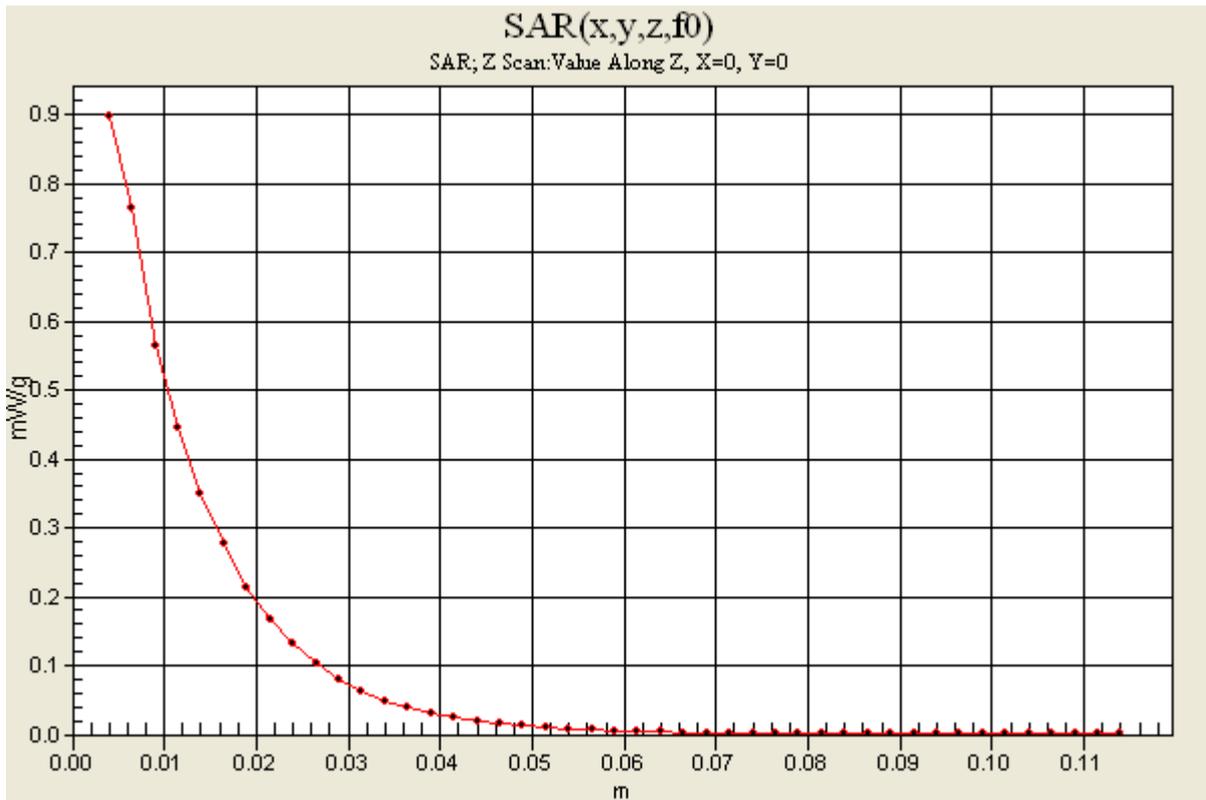
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.898 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-05E; Serial: 004401114675206

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.51, 4.51, 4.51); Calibrated: 2012/08/17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side w/headset/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.800 mW/g

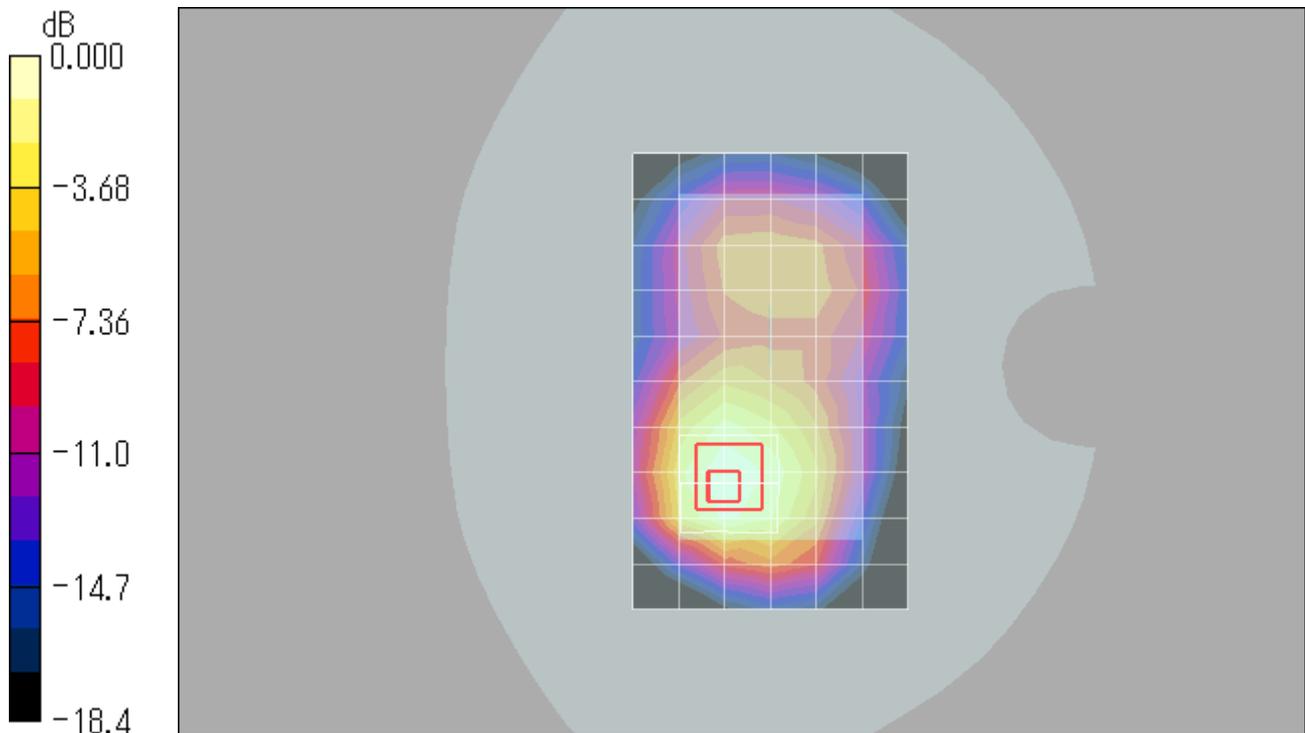
Rear Side w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.443 mW/g

Maximum value of SAR (measured) = 0.787 mW/g



0 dB = 0.787mW/g