



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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 835$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 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) = 2.60 mW/g

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

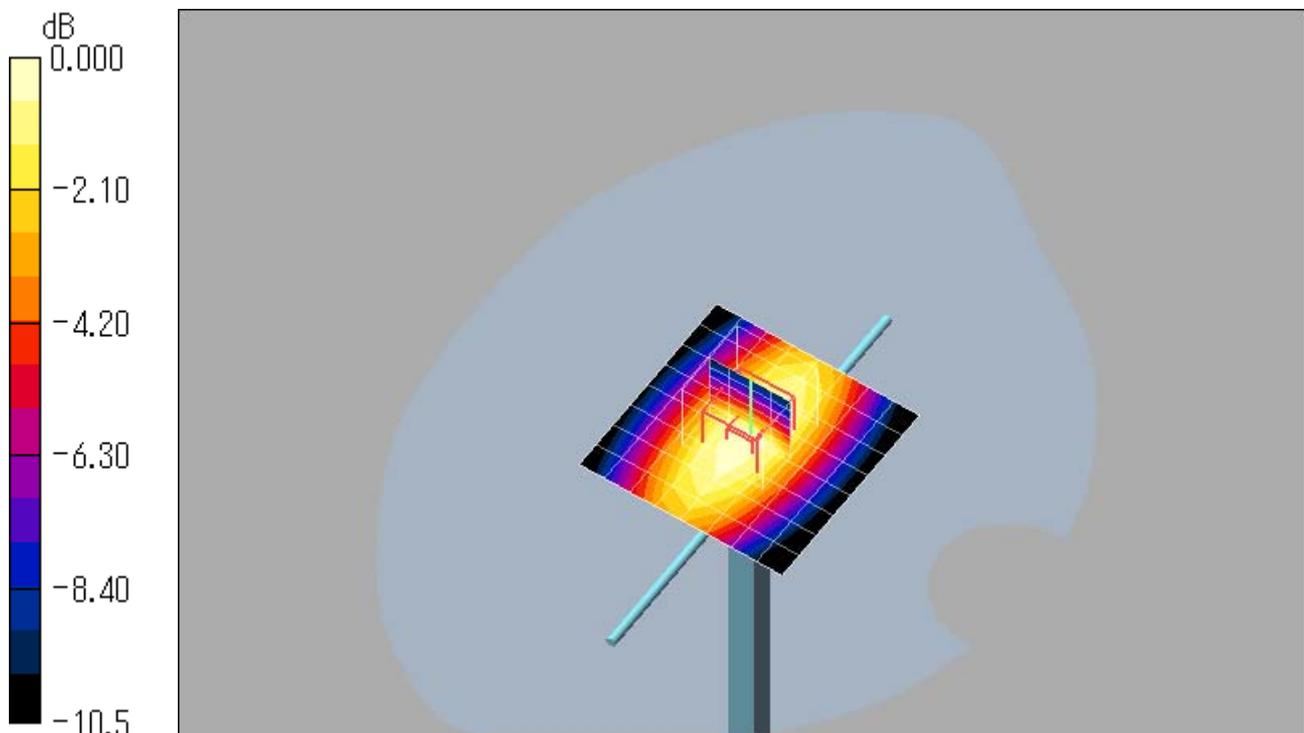
dy=8mm, dz=5mm

Reference Value = 56.1 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.59 mW/g

Maximum value of SAR (measured) = 2.61 mW/g



0 dB = 2.61mW/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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.961 \text{ mho/m}$; $\epsilon_r = 54.9$; $\rho = 1000 \text{ kg/m}^3$

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) = 2.54 mW/g

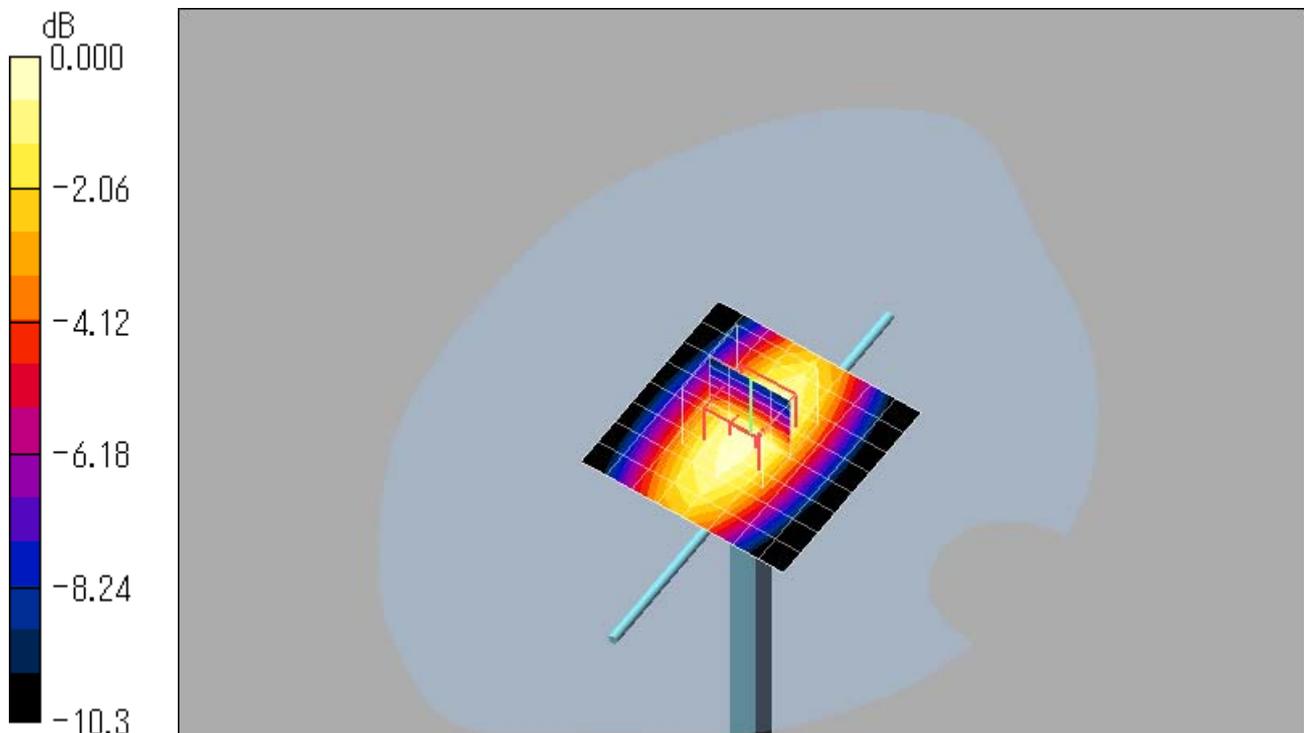
Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 53.4 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 2.34 mW/g; SAR(10 g) = 1.54 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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ 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) = 11.0 mW/g

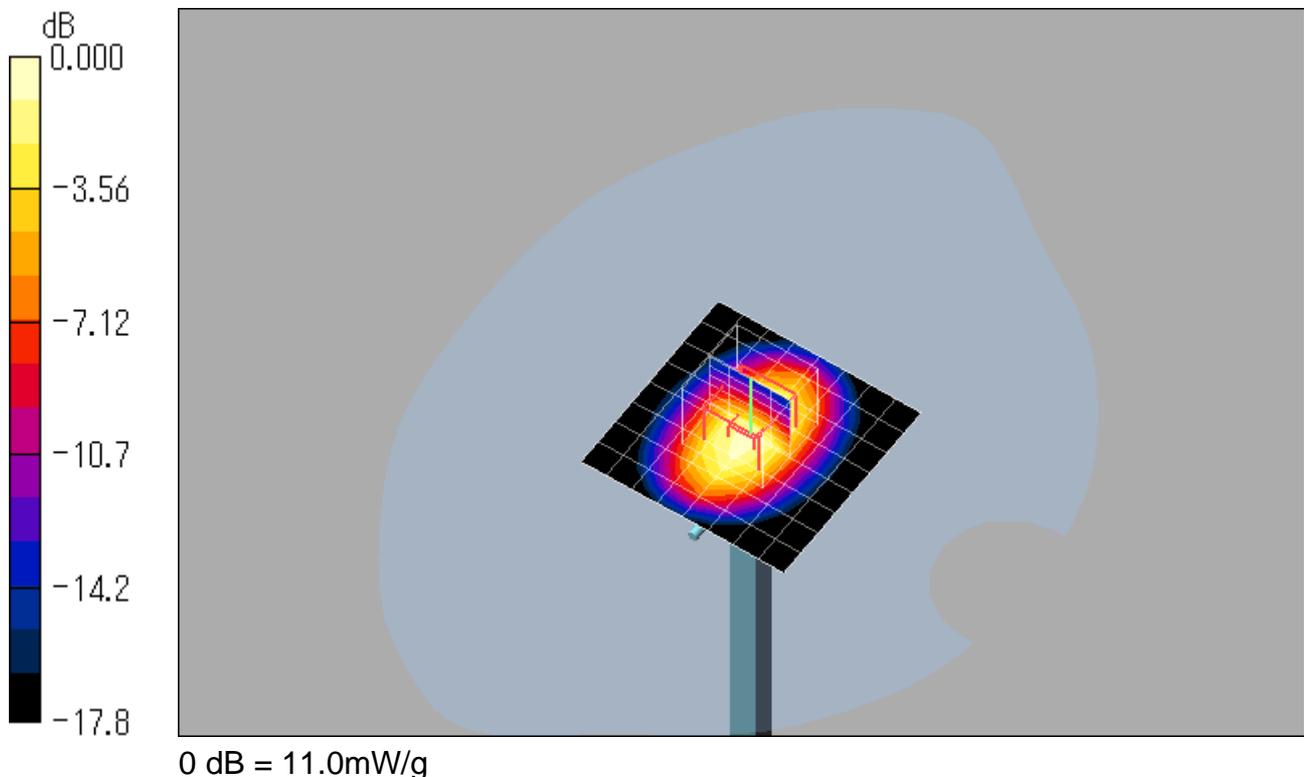
Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 94.1 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 9.72 mW/g; SAR(10 g) = 5.13 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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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) = 11.3 mW/g

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

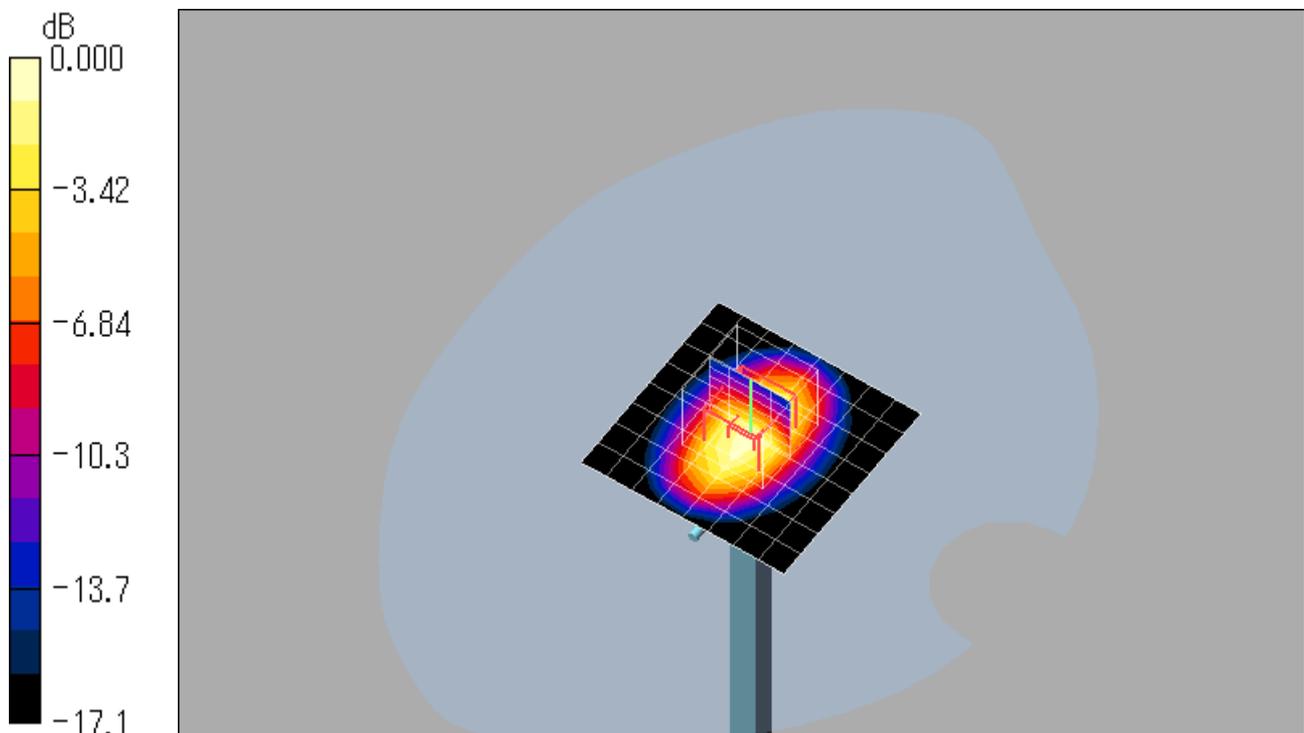
dy=8mm, dz=5mm

Reference Value = 92.7 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 16.0 W/kg

SAR(1 g) = 9.84 mW/g; SAR(10 g) = 5.28 mW/g

Maximum value of SAR (measured) = 11.1 mW/g



0 dB = 11.1mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head)

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 714

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.85$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.45, 7.45, 7.45); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 20.4 mW/g

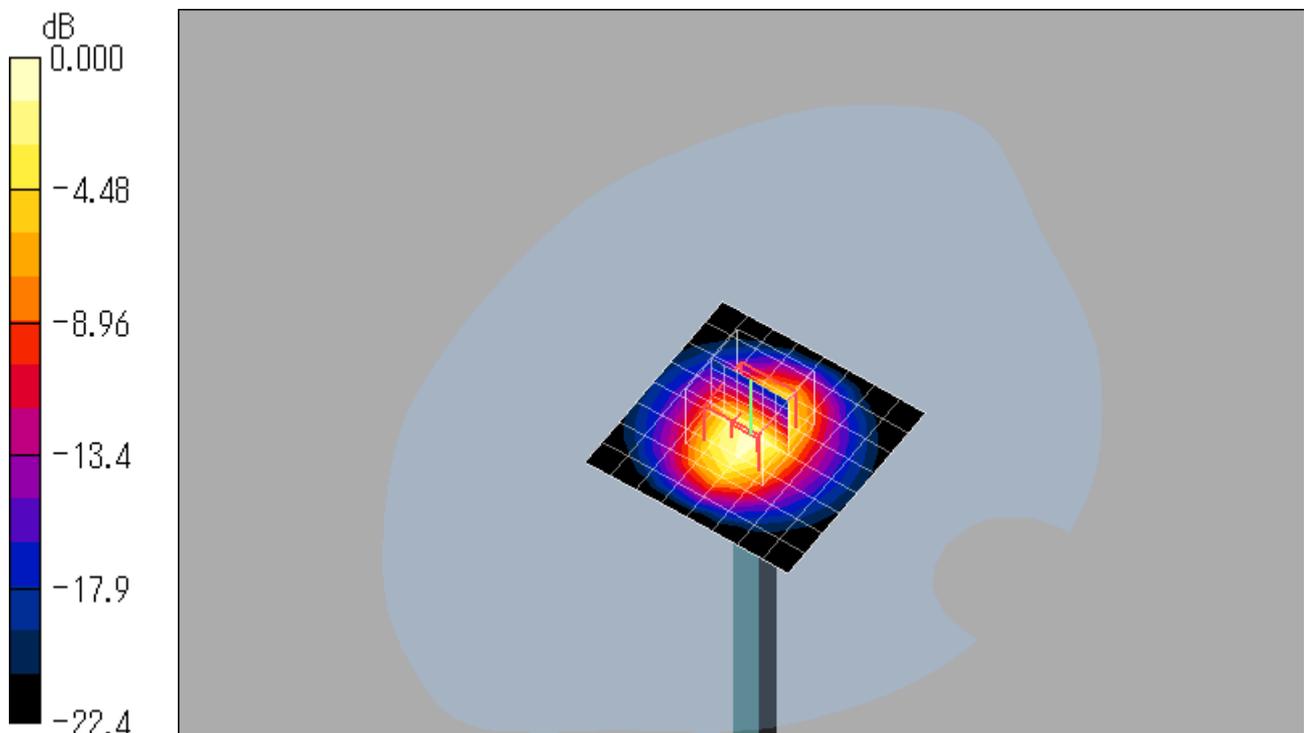
Antenna Input Power 250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 107.0 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 28.9 W/kg

SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.23 mW/g

Maximum value of SAR (measured) = 21.1 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body)

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 714

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 19.3 mW/g

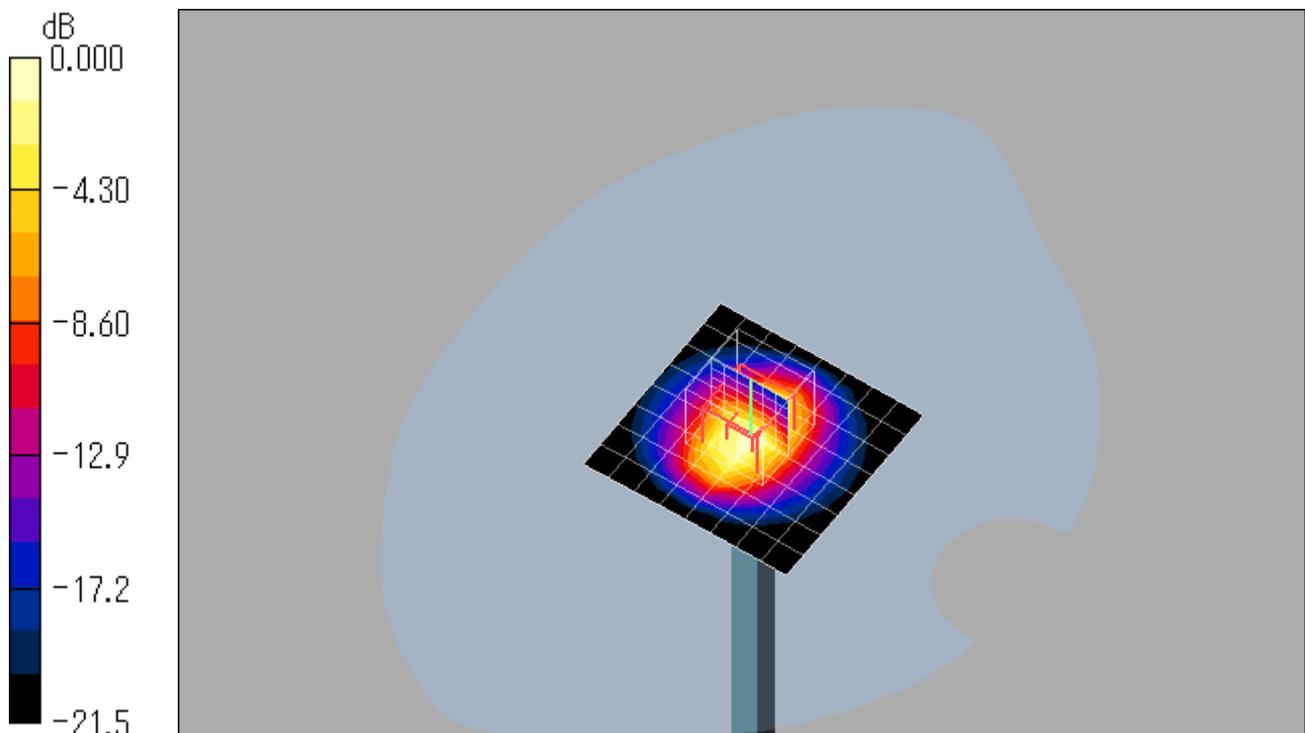
Antenna Input Power 250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.1 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 26.7 W/kg

SAR(1 g) = 12.9 mW/g; SAR(10 g) = 6.01 mW/g

Maximum value of SAR (measured) = 19.9 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head)

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1111

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.68$ mho/m; $\epsilon_r = 36.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 40.6 mW/g

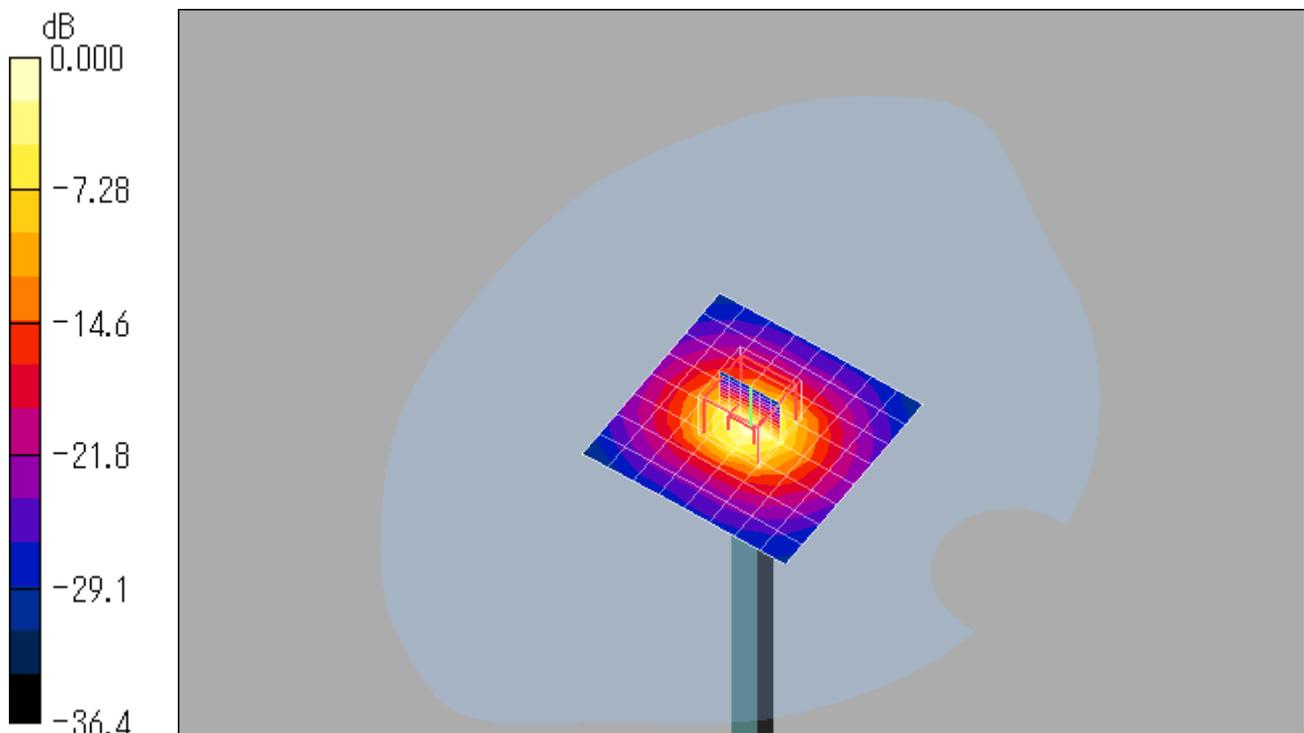
Antenna Input Power 250 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 100.5 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 77.2 W/kg

SAR(1 g) = 19.6 mW/g; SAR(10 g) = 5.63 mW/g

Maximum value of SAR (measured) = 40.4 mW/g



0 dB = 40.4mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head)

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1111

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.01$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.55, 4.55, 4.55); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 42.7 mW/g

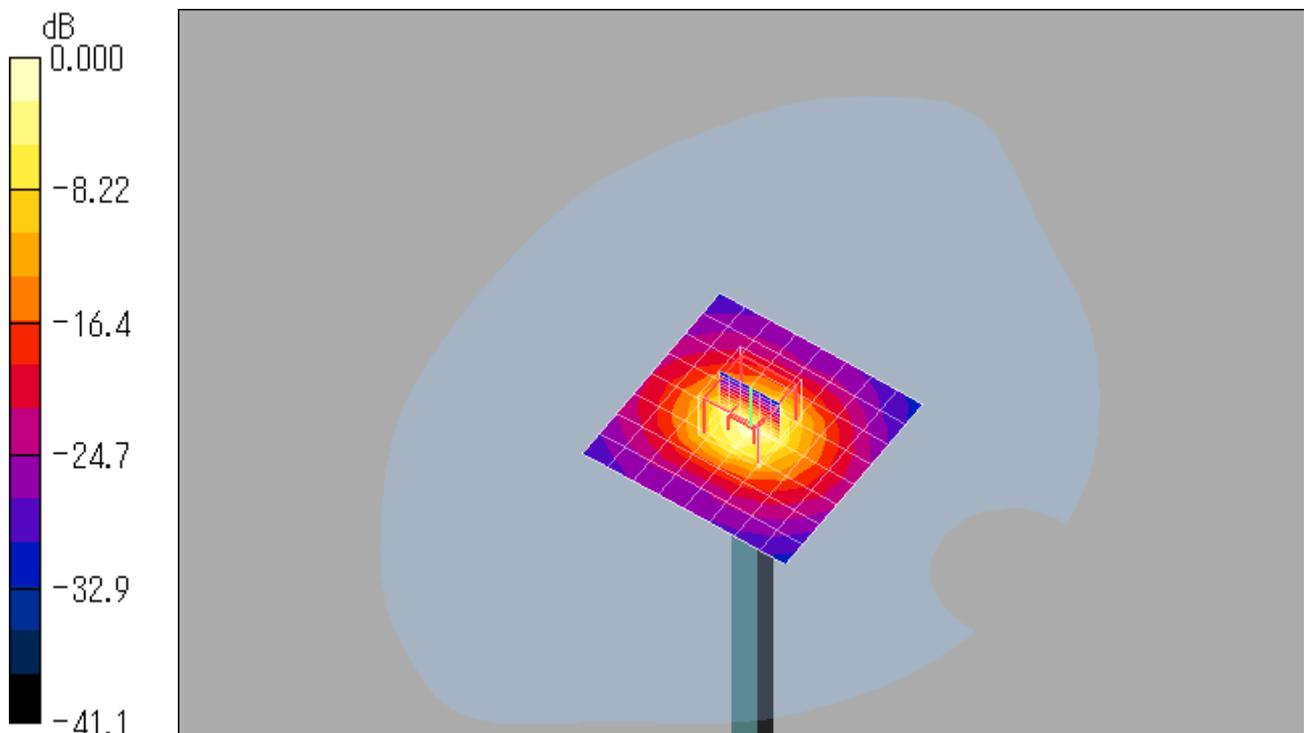
Antenna Input Power 250 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 101.2 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 83.4 W/kg

SAR(1 g) = 20.7 mW/g; SAR(10 g) = 5.89 mW/g

Maximum value of SAR (measured) = 42.9 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body)

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1111

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.22, 4.22, 4.22); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 39.9 mW/g

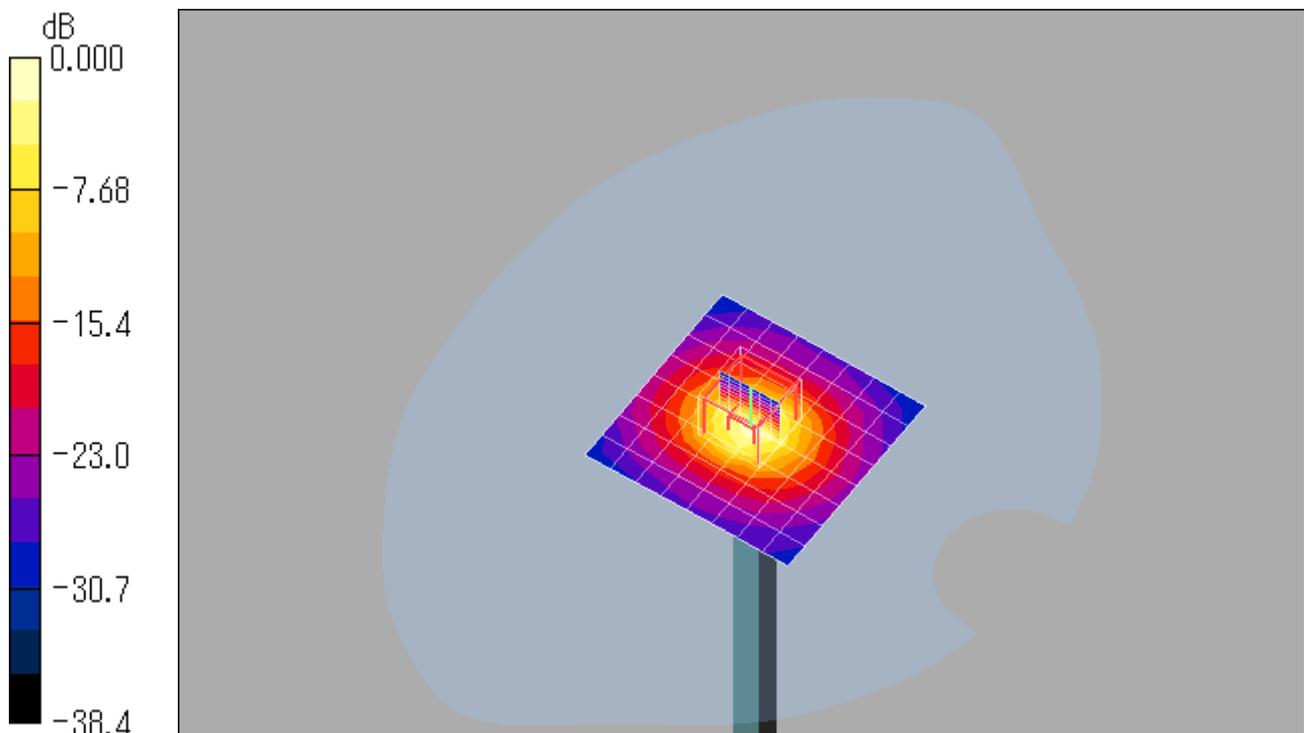
Antenna Input Power 250 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 93.3 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 75.9 W/kg

SAR(1 g) = 19.2 mW/g; SAR(10 g) = 5.44 mW/g

Maximum value of SAR (measured) = 39.8 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body)

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1111

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.77$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 40.4 mW/g

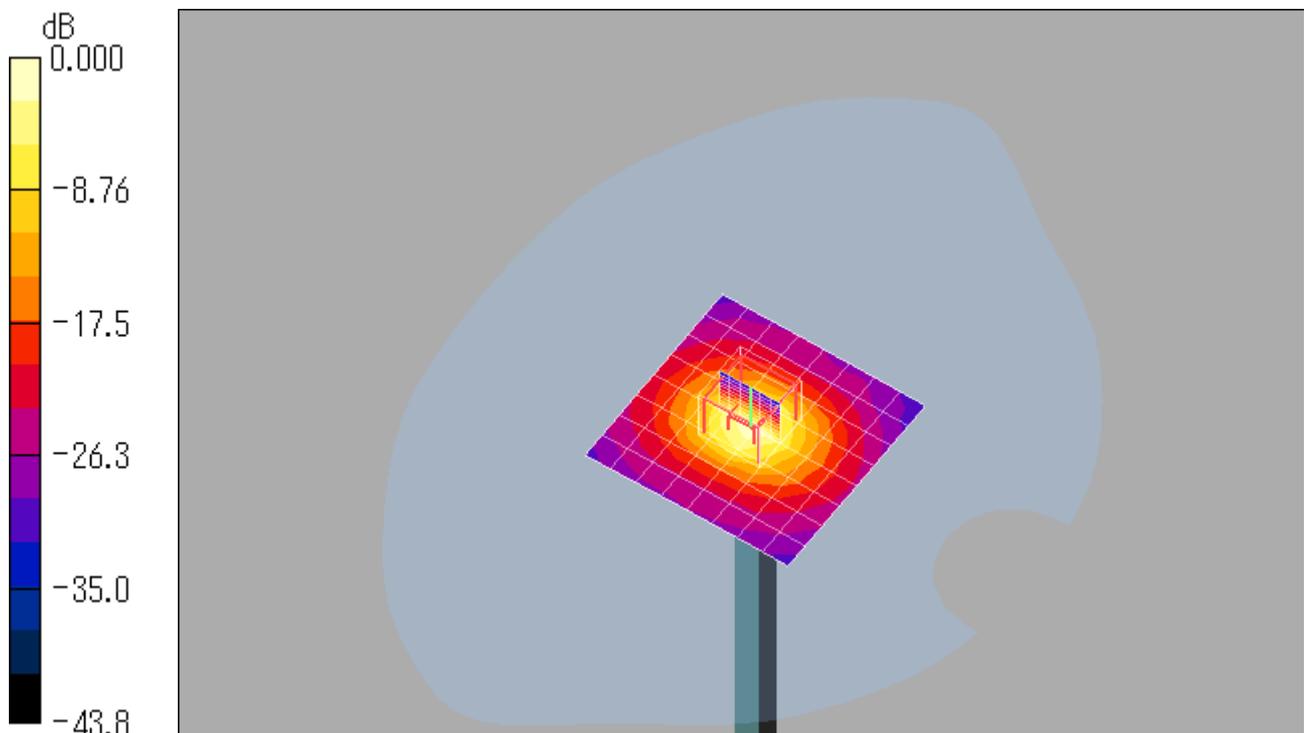
Antenna Input Power 250 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 92.1 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 79.1 W/kg

SAR(1 g) = 19.6 mW/g; SAR(10 g) = 5.52 mW/g

Maximum value of SAR (measured) = 40.7 mW/g



Appendix 2 – SAR Test Plots (WCDMA Band V)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.224 mW/g

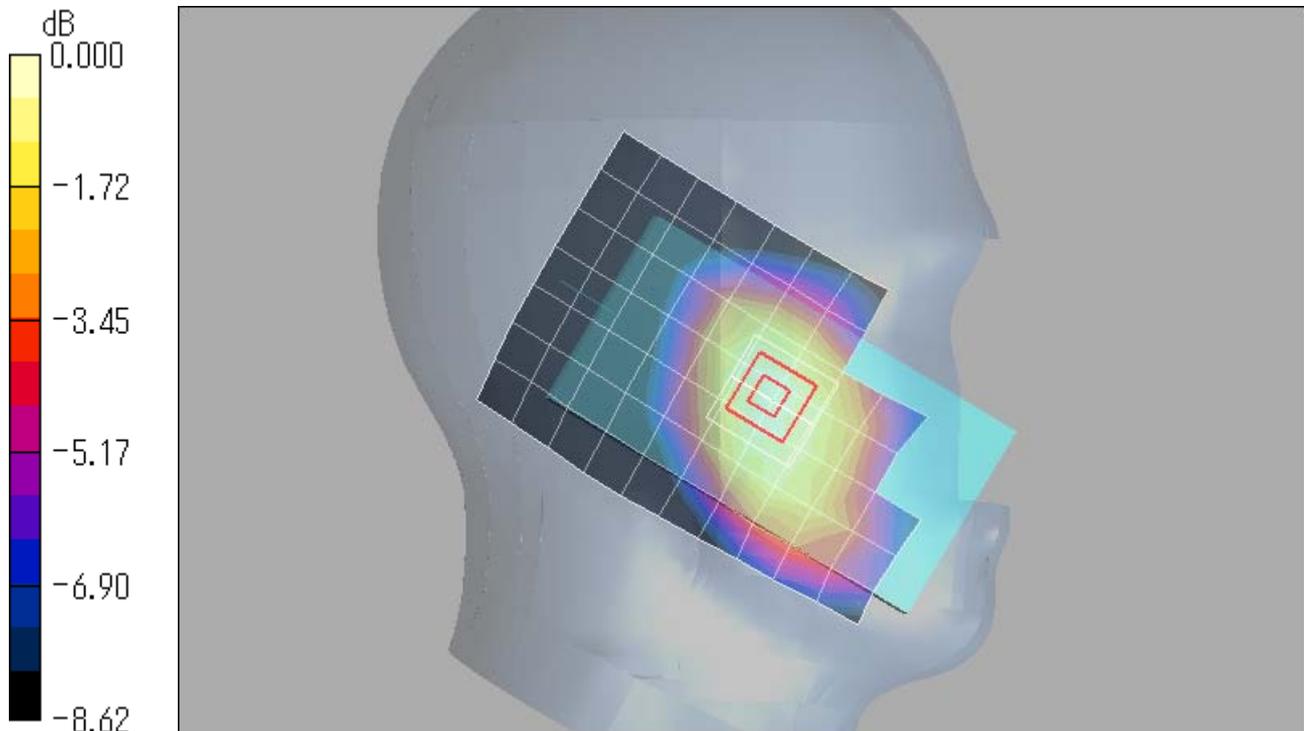
Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.233 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.124 mW/g

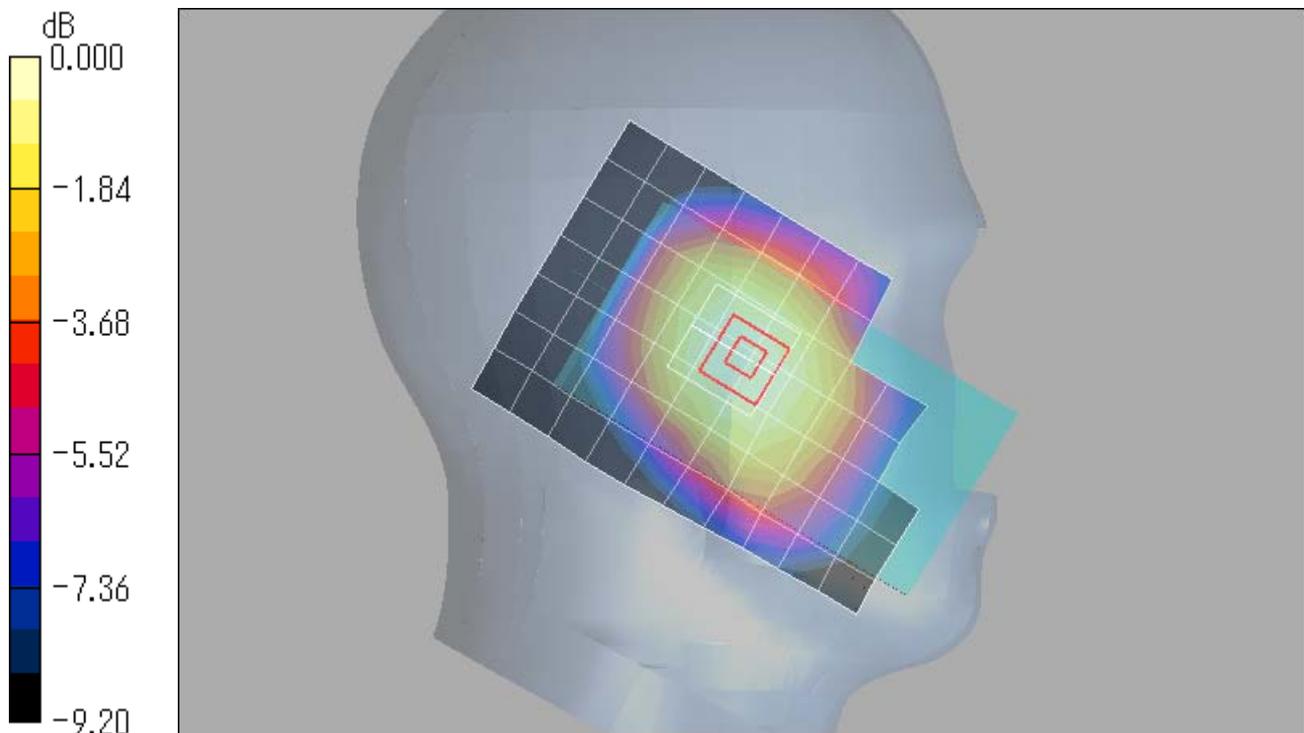
Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.124 mW/g



0 dB = 0.124mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.232 mW/g

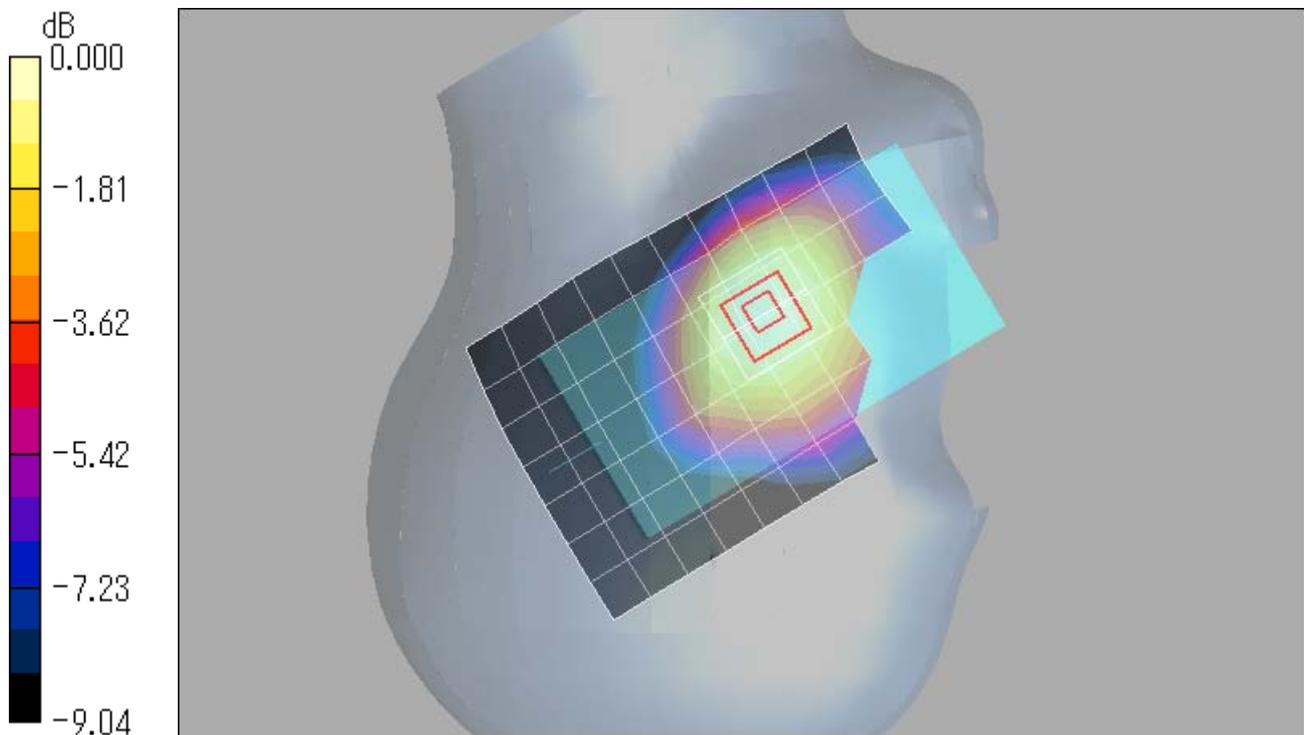
Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

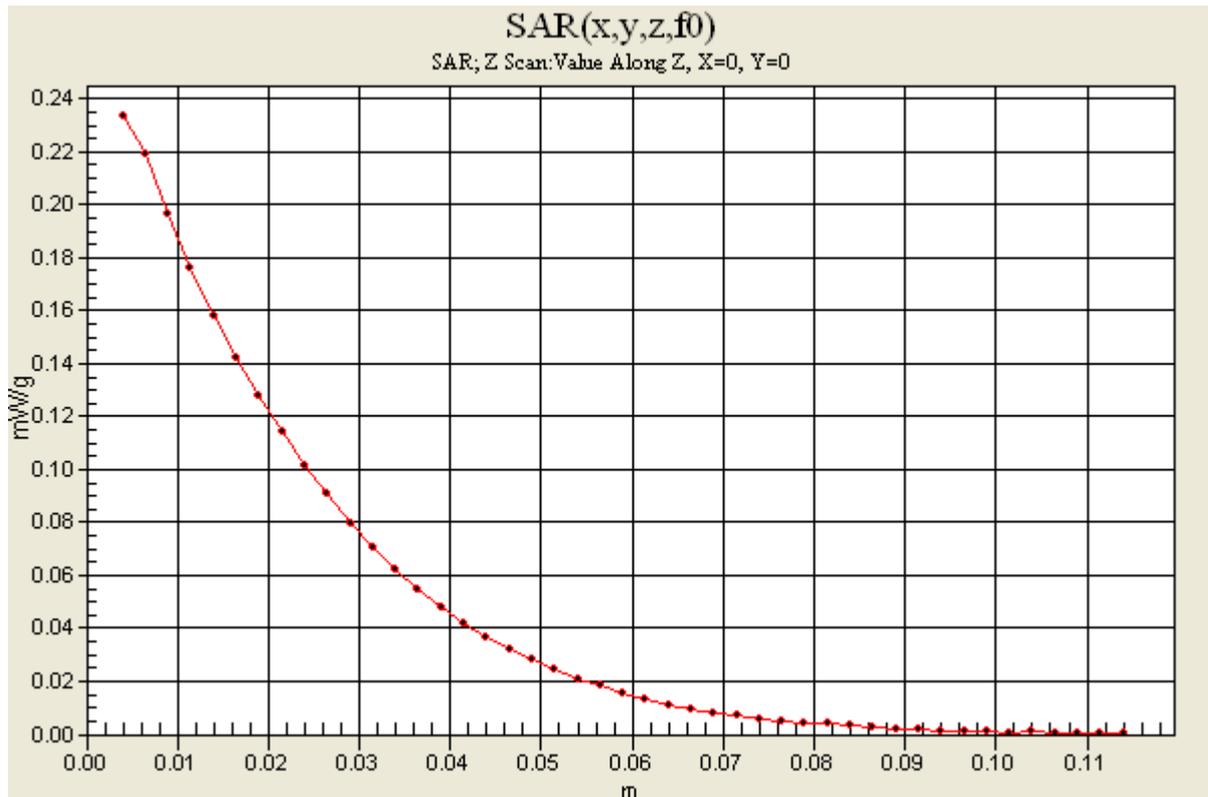
Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 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/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 0.234 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.100 mW/g

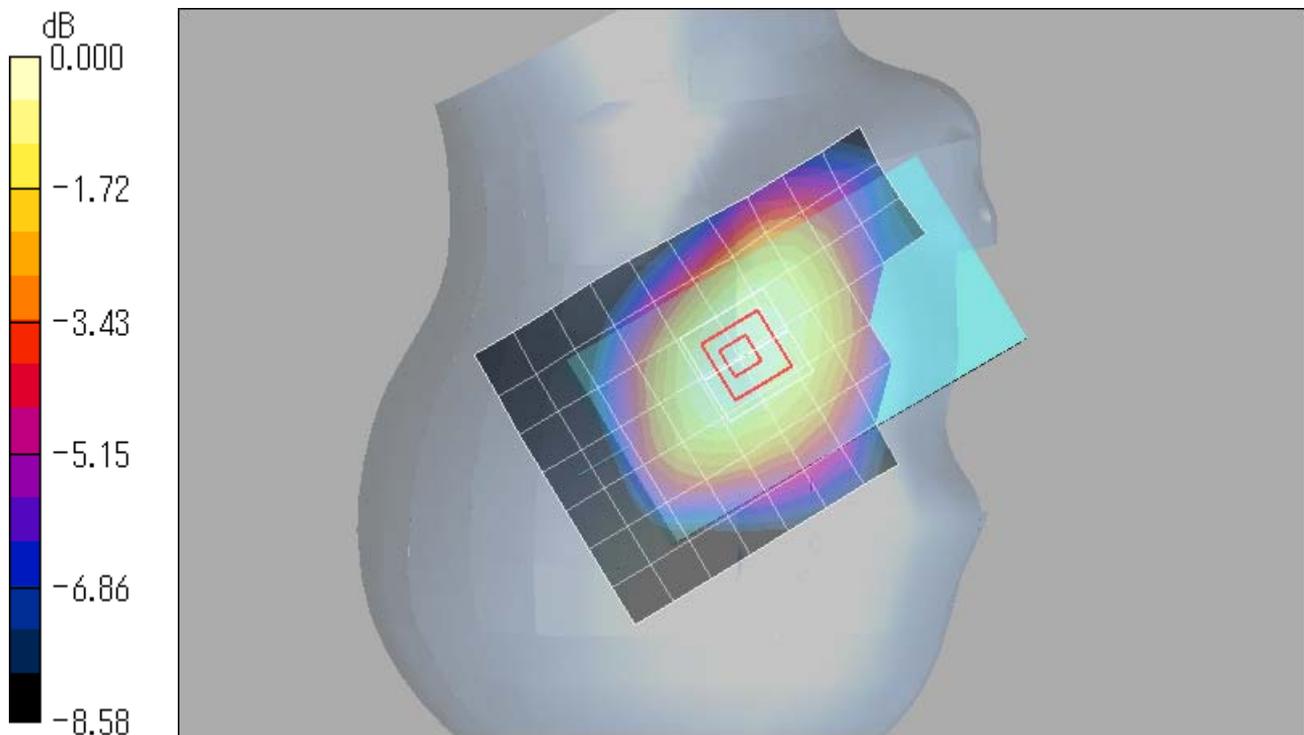
Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.100 mW/g



0 dB = 0.100mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.094 mW/g

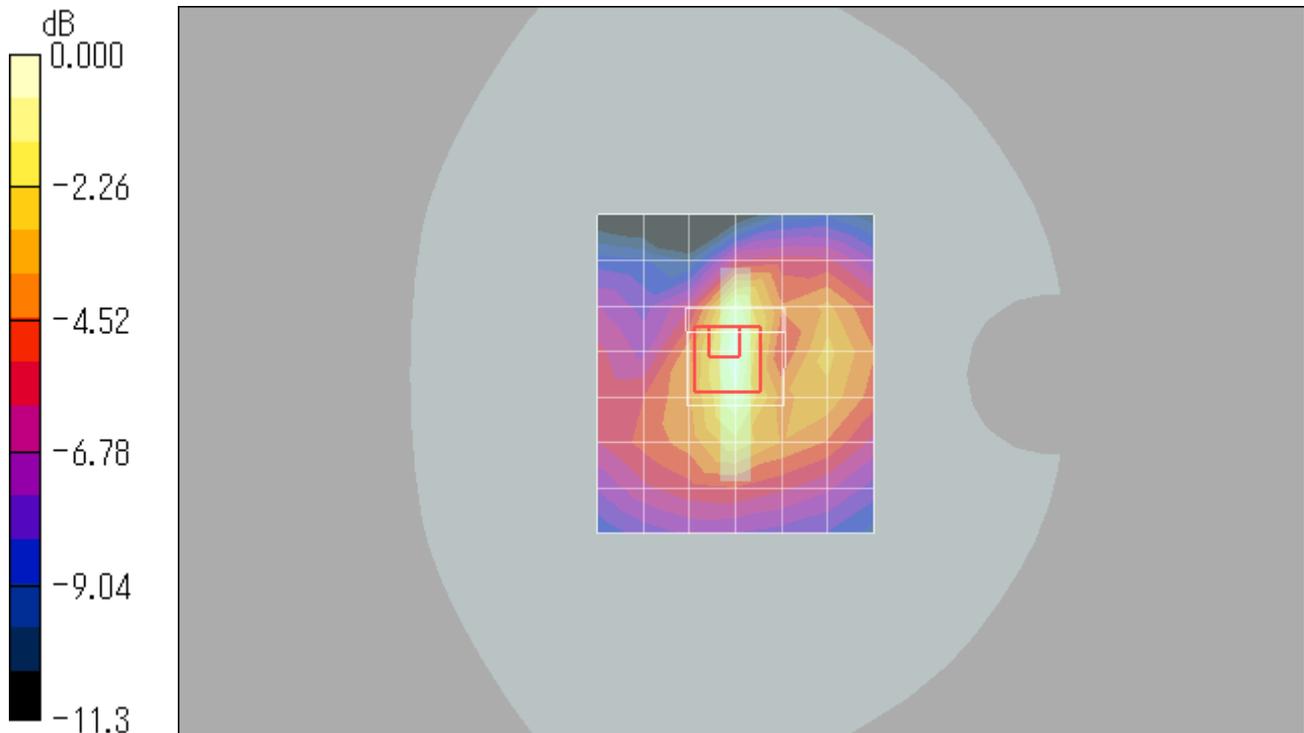
Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.54 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.096 mW/g



0 dB = 0.096mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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 (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.154 mW/g

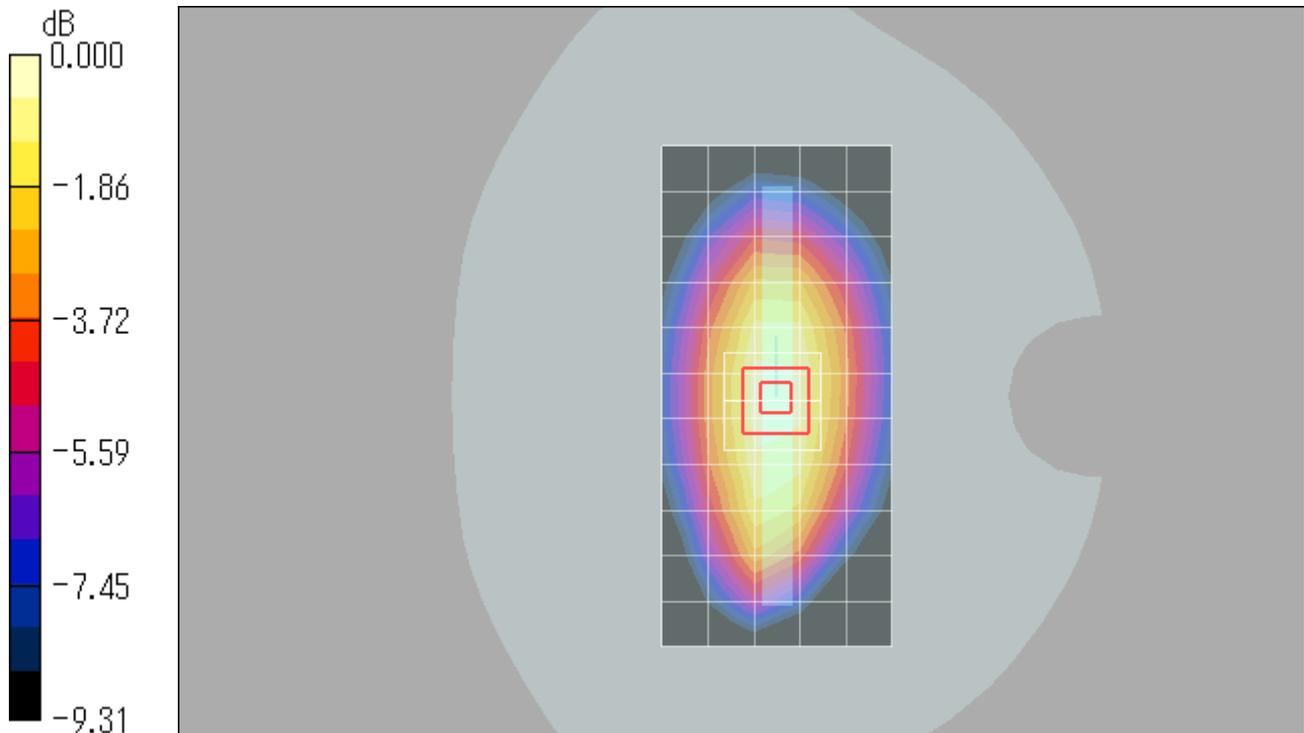
Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.168mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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 (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.197 mW/g

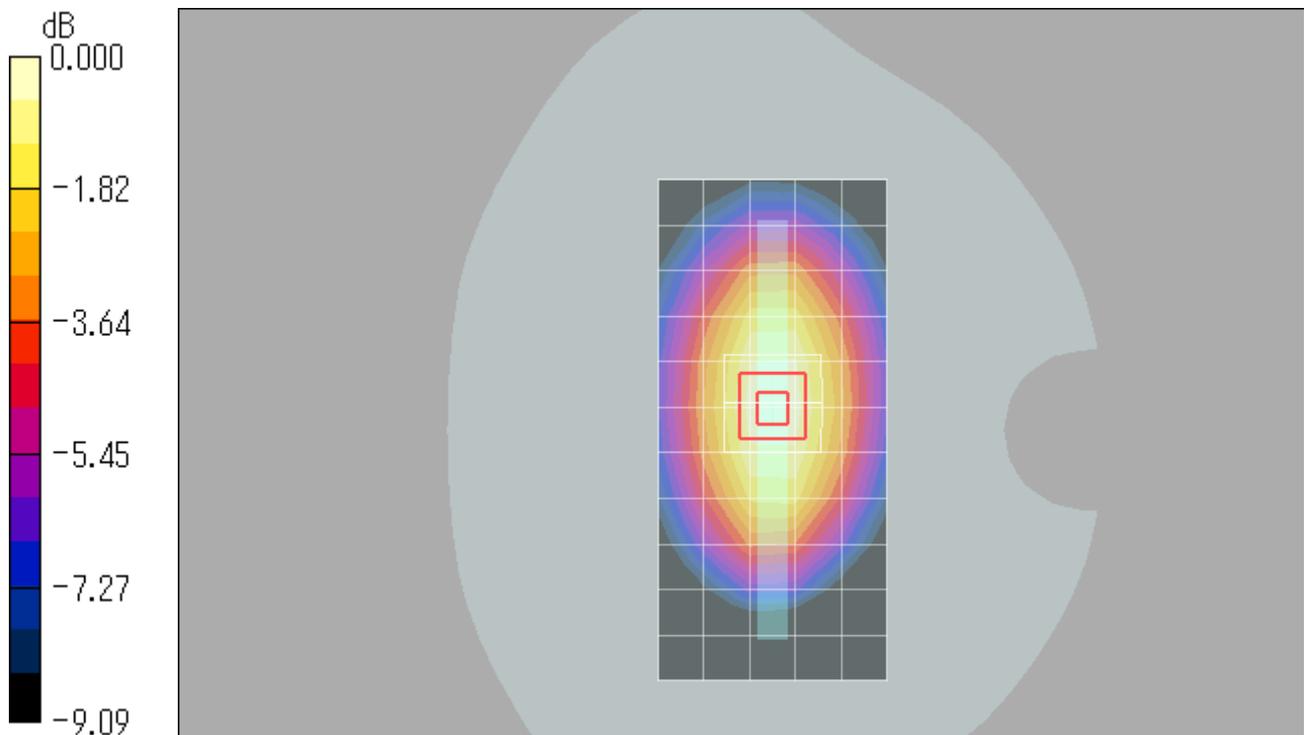
Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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 (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.359 mW/g

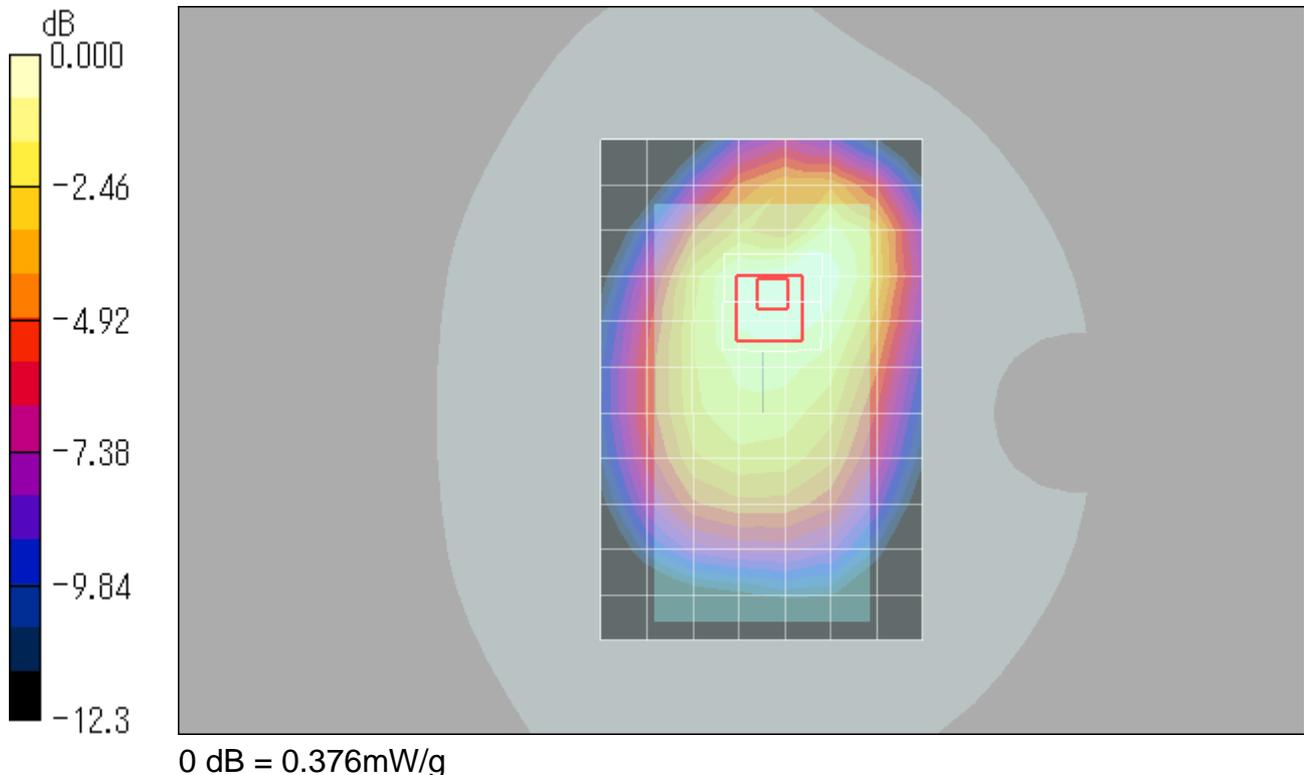
Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.376 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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 (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.646 mW/g

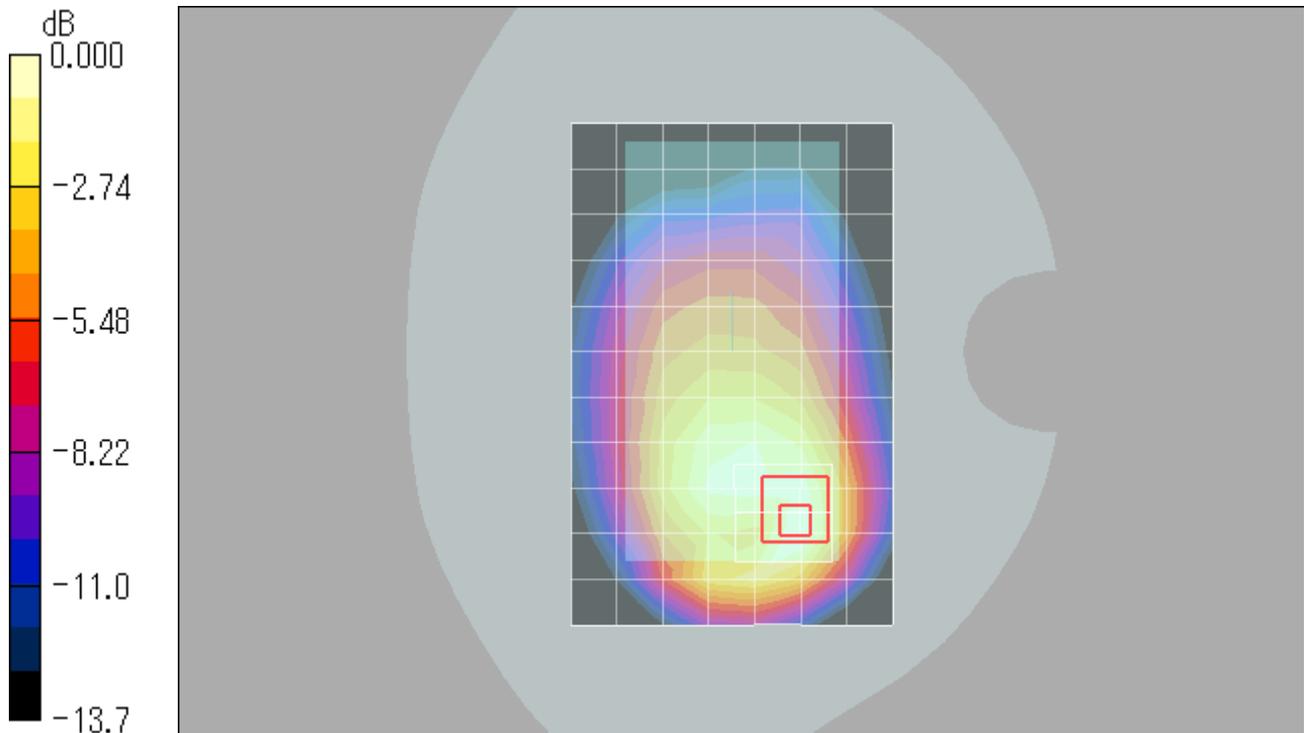
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.599 mW/g



0 dB = 0.599mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

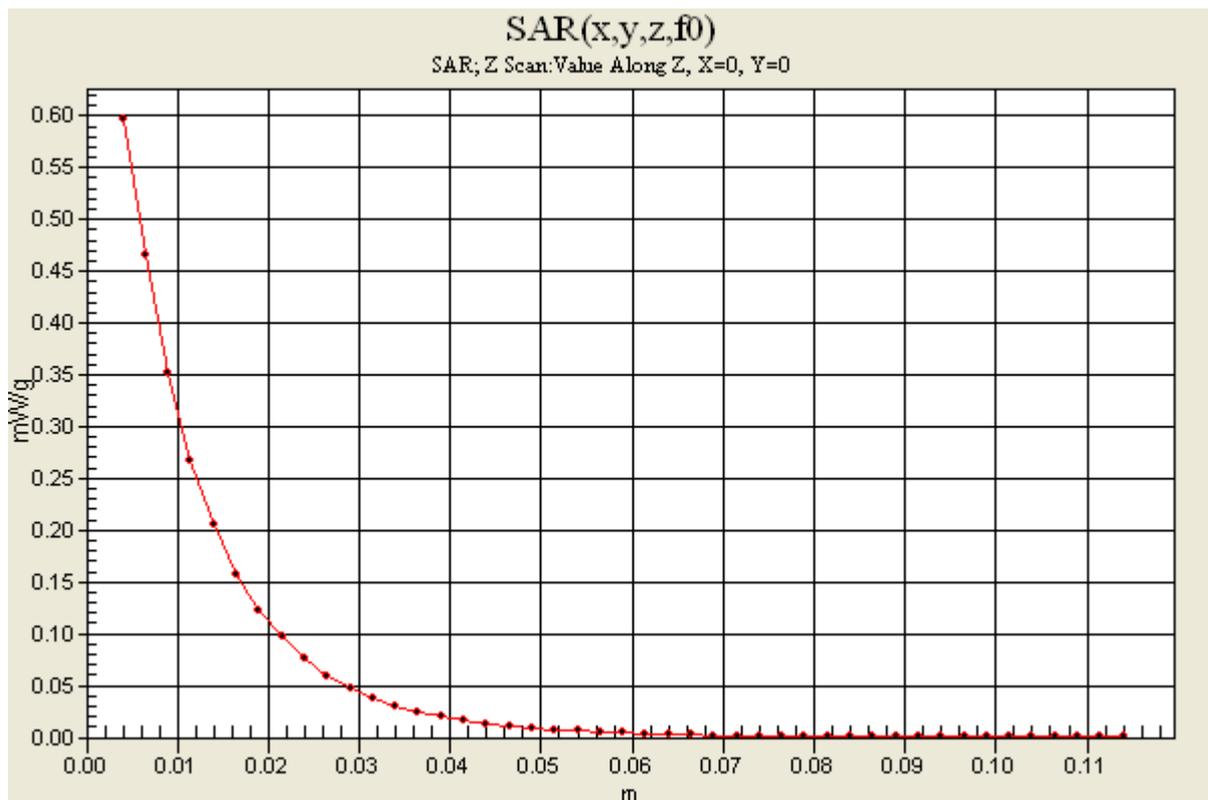
Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 0.597 mW/g



Appendix 2 – SAR Test Plots (GSM 850)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.174 mW/g

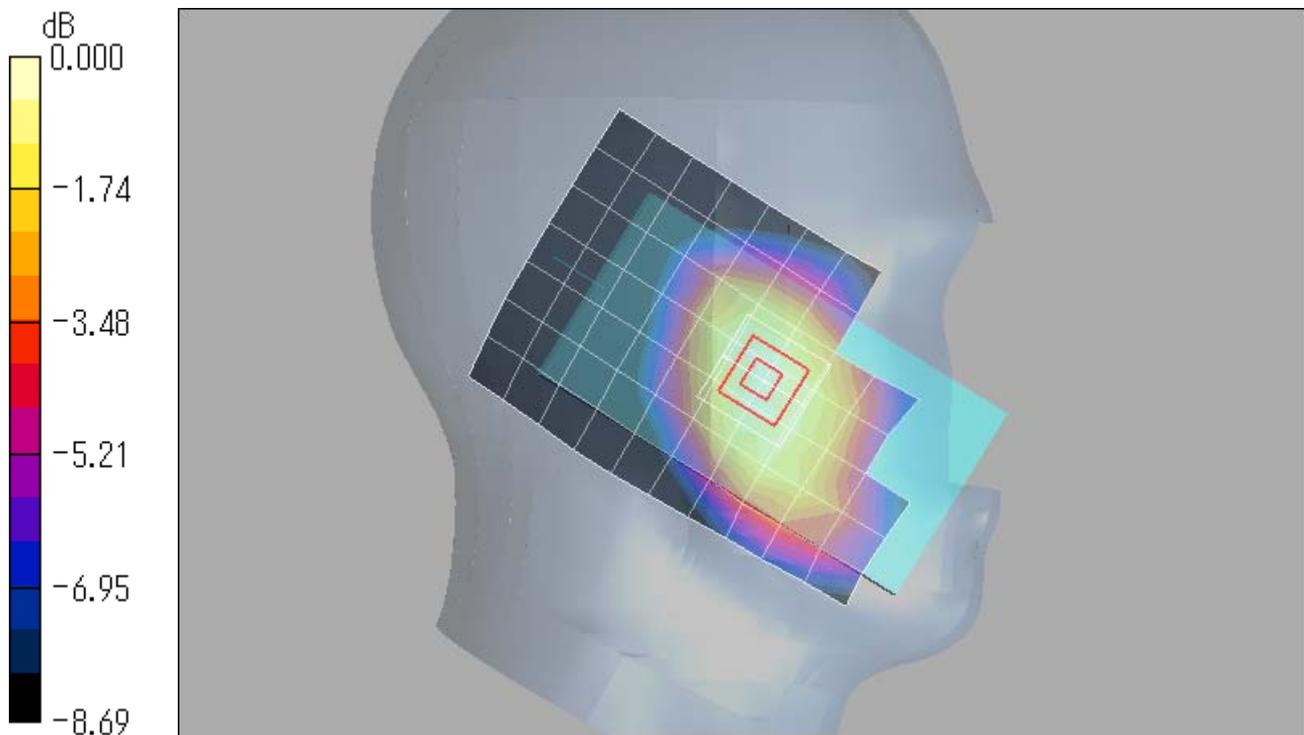
Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.105 mW/g

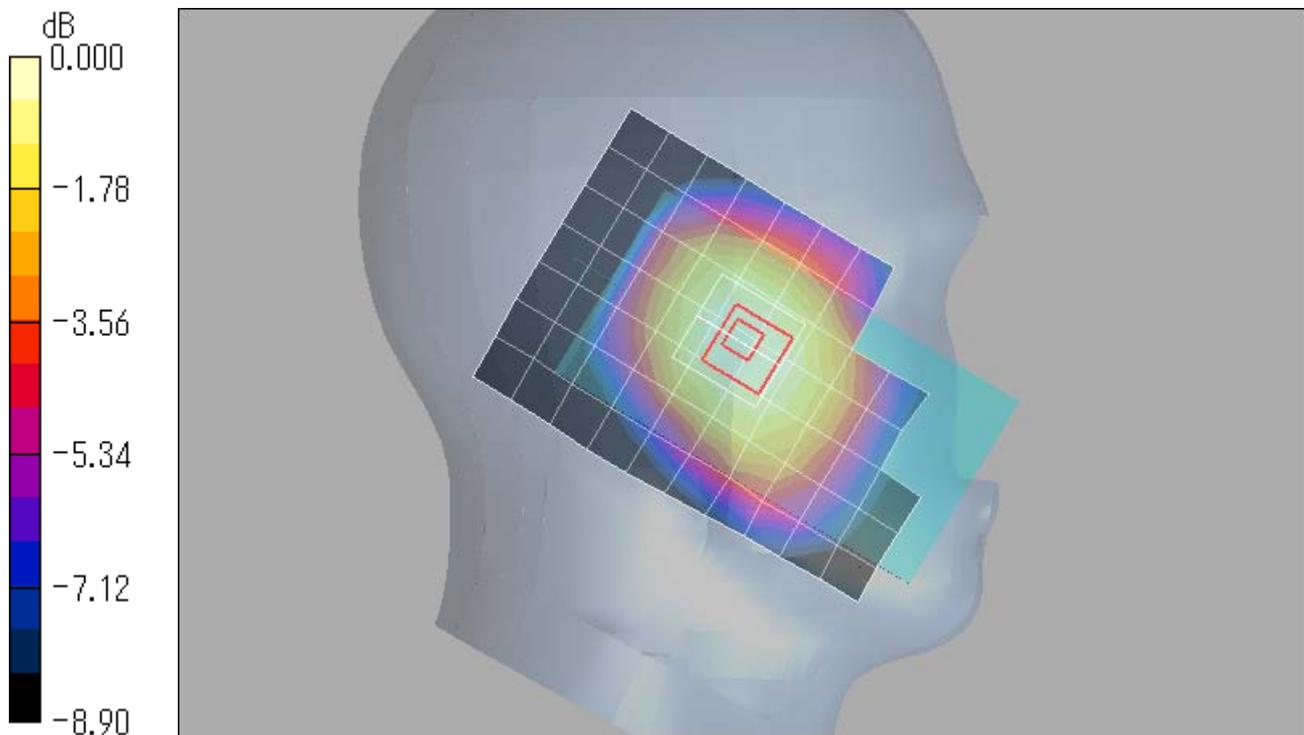
Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.105 mW/g



0 dB = 0.105mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

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

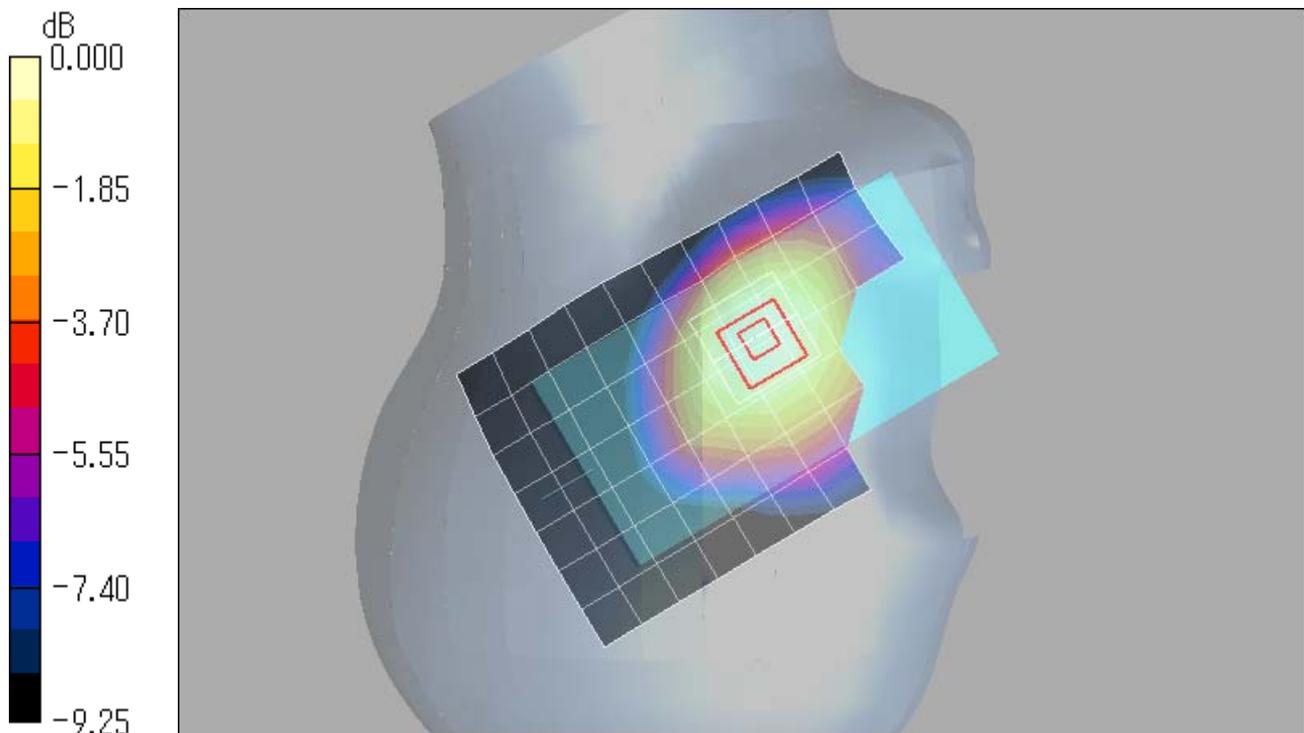
Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.184mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

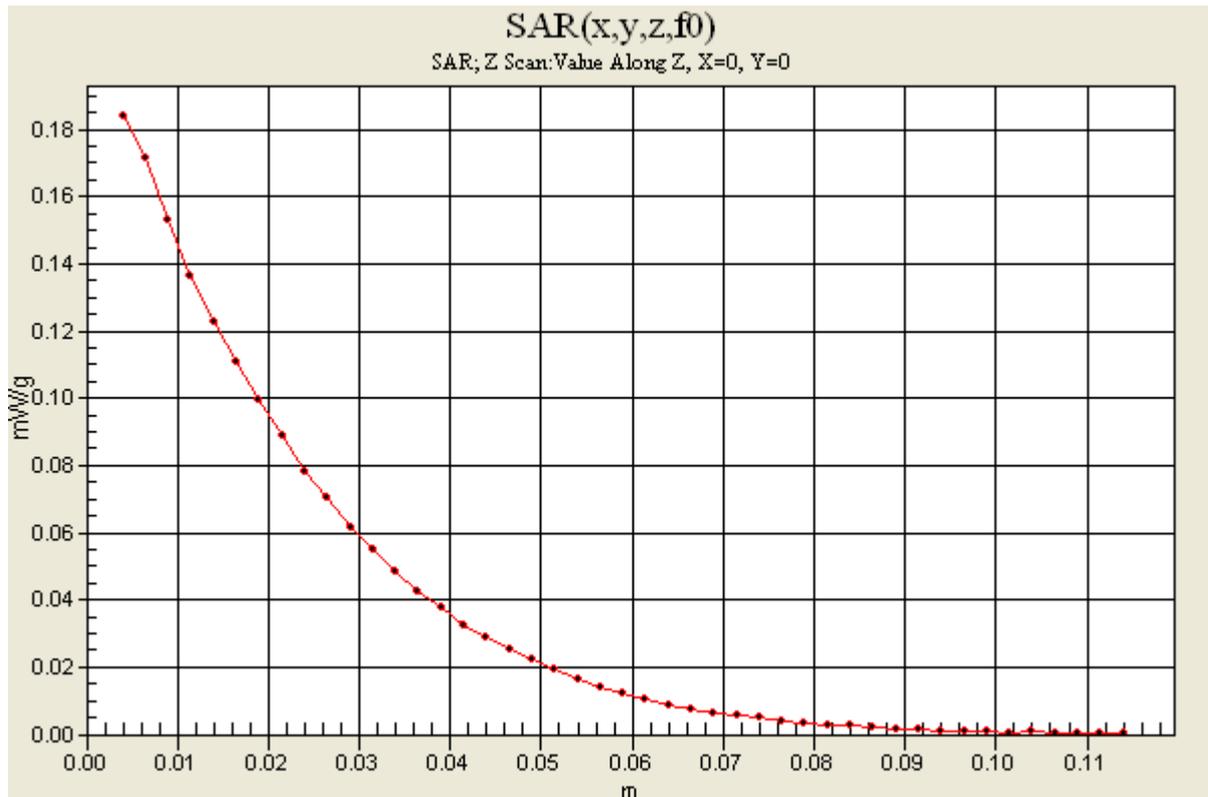
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 0.184 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.16, 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.080 mW/g

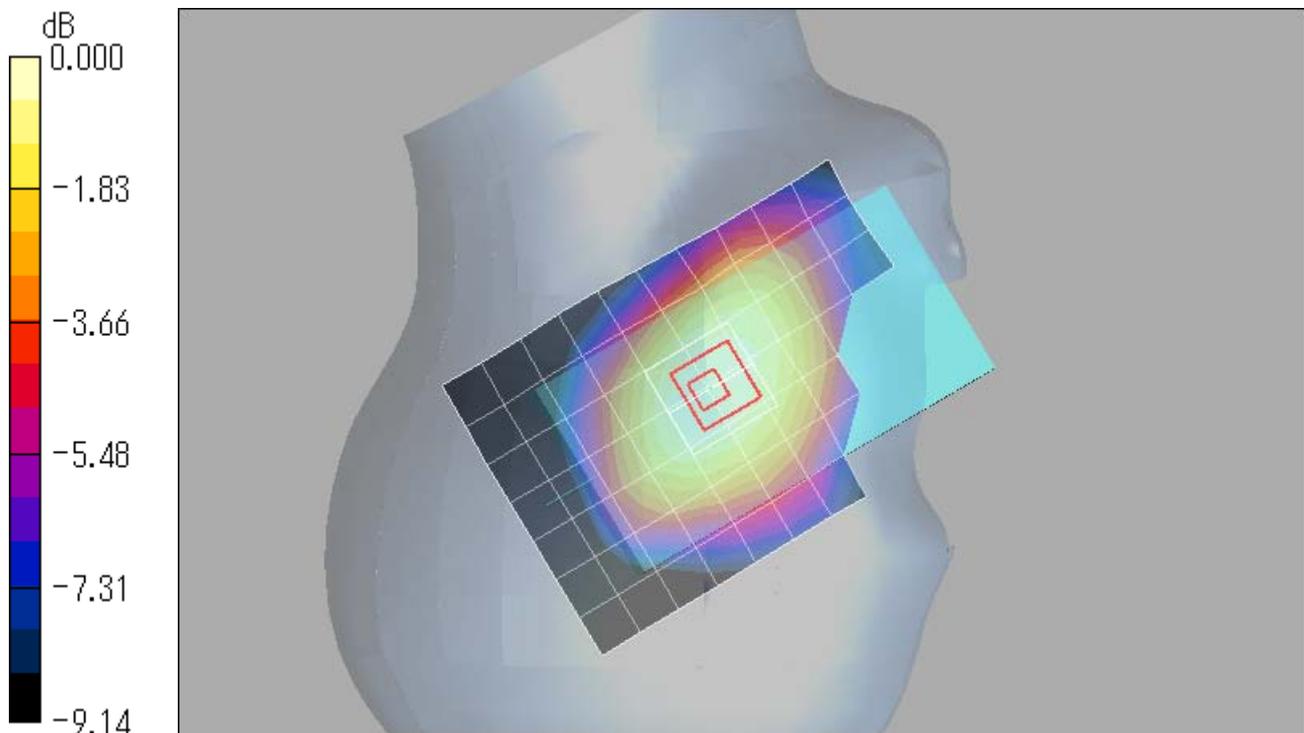
Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.52 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.087 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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) = 0.077 mW/g

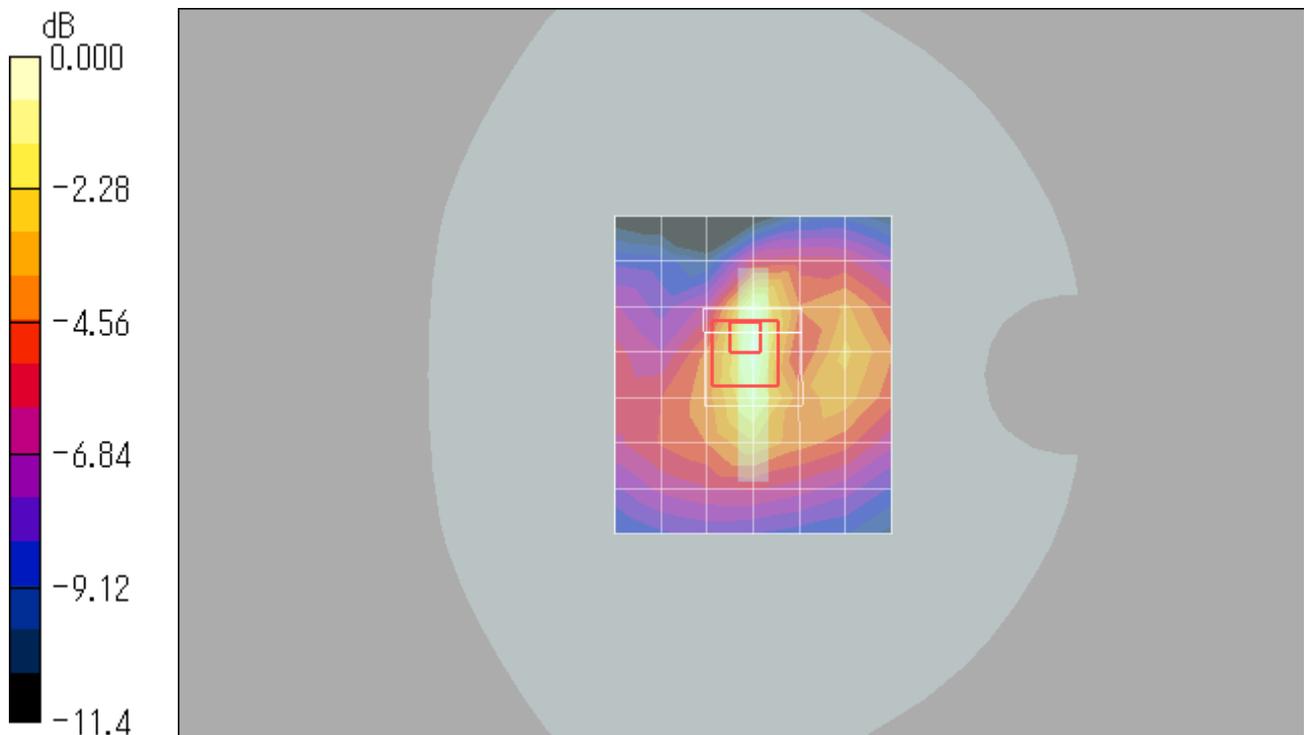
Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.55 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



0 dB = 0.084mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.135 mW/g

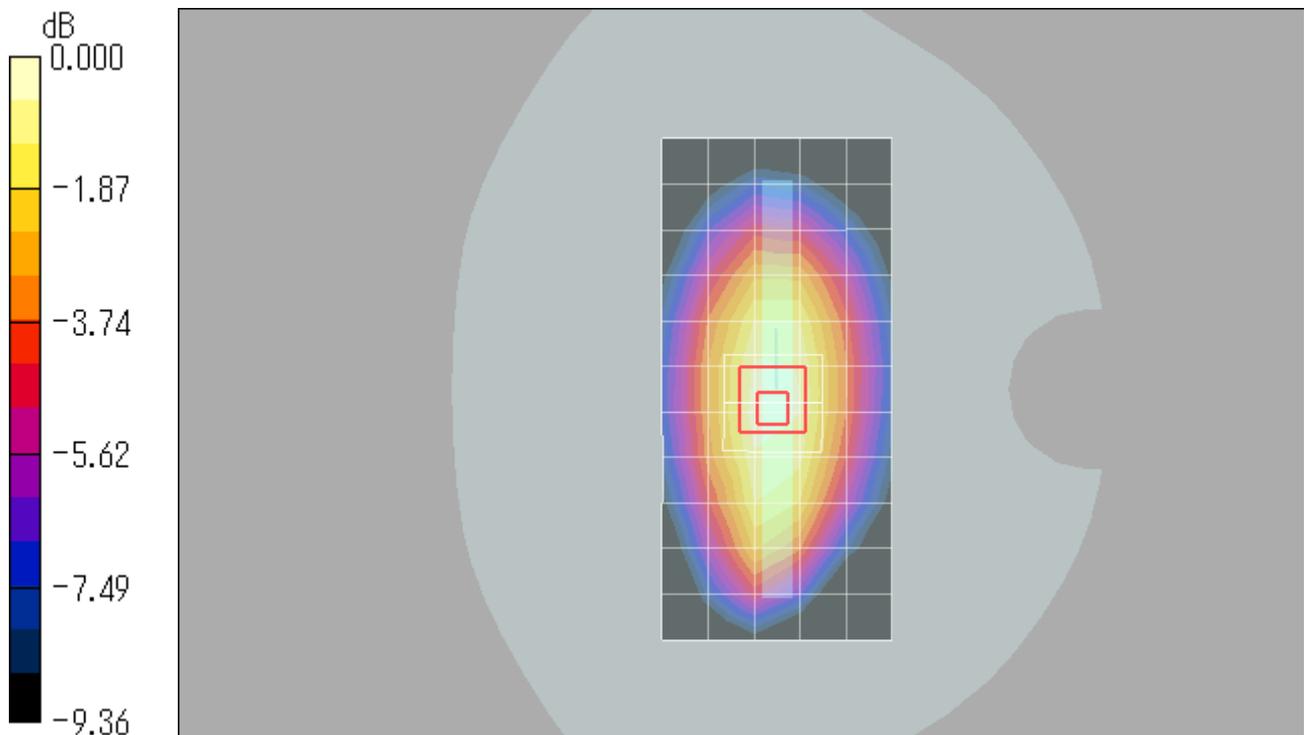
Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.143 mW/g



0 dB = 0.143mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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 (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.174 mW/g

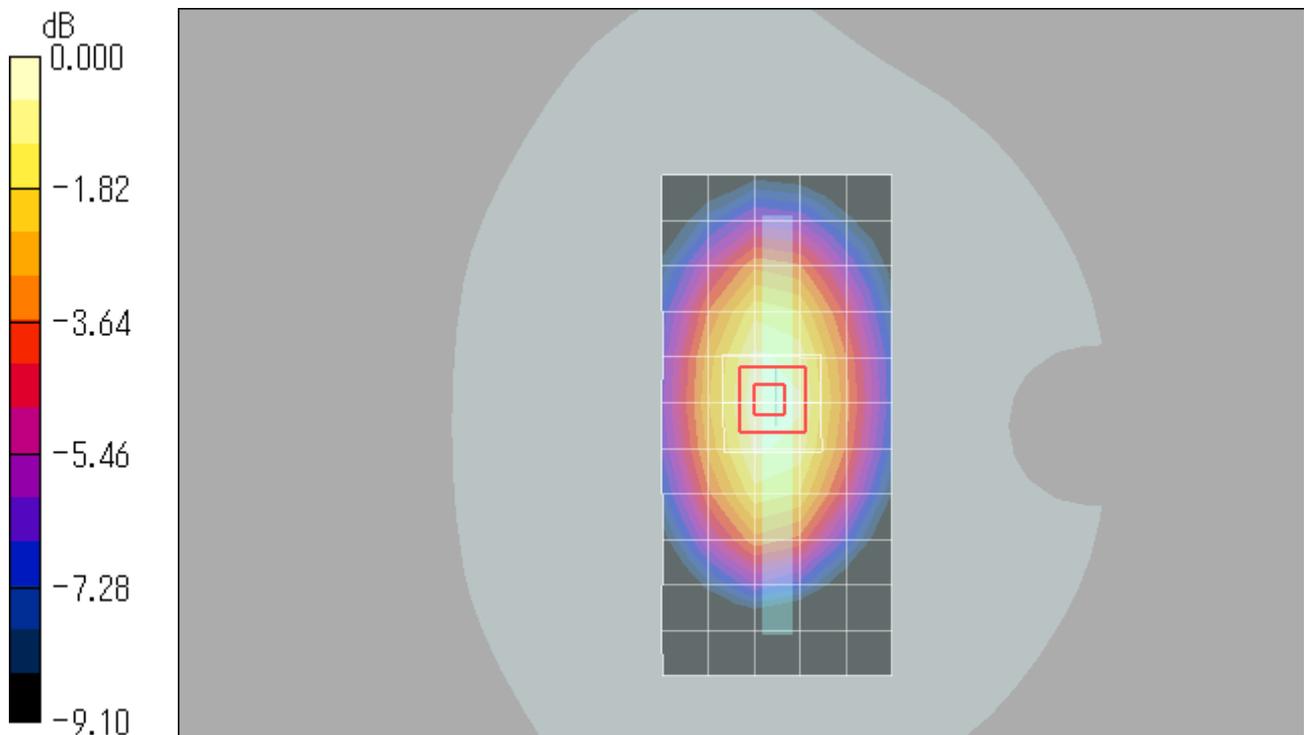
Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.182 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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 (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.305 mW/g

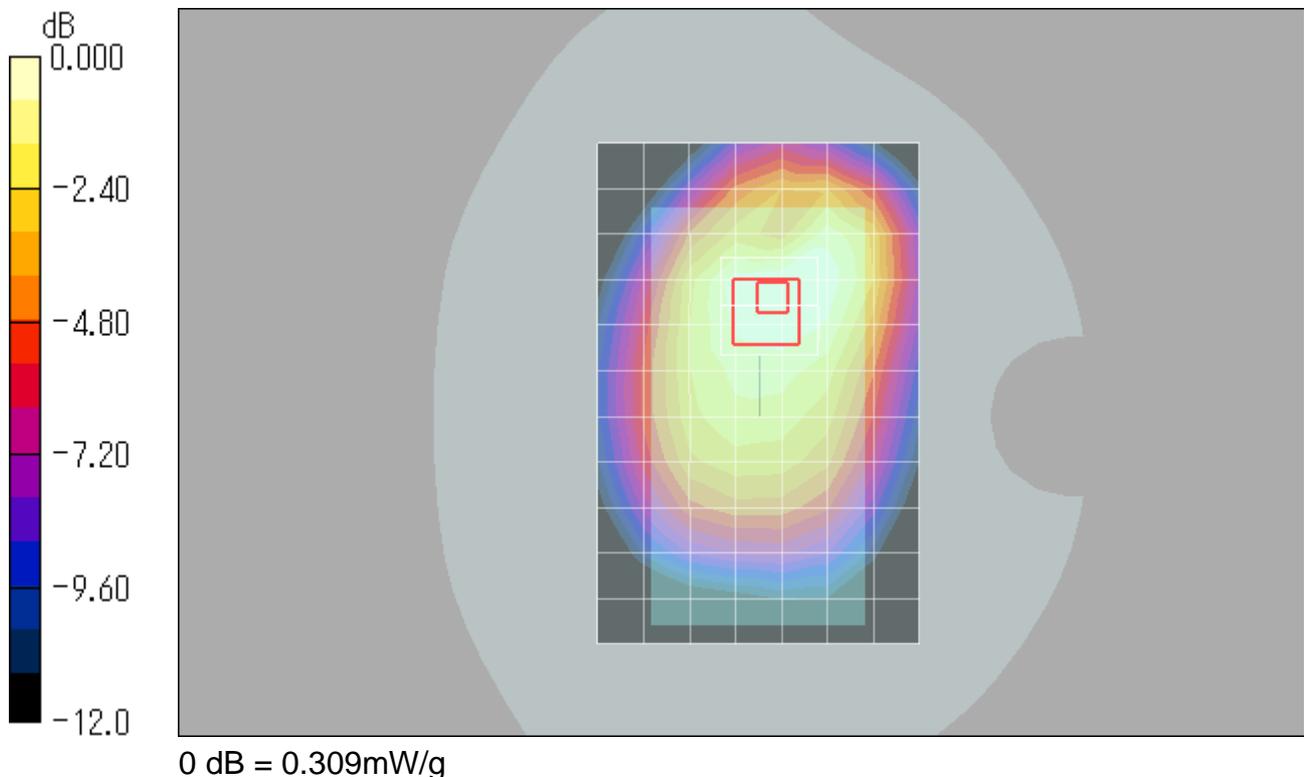
Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.309 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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 (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.545 mW/g

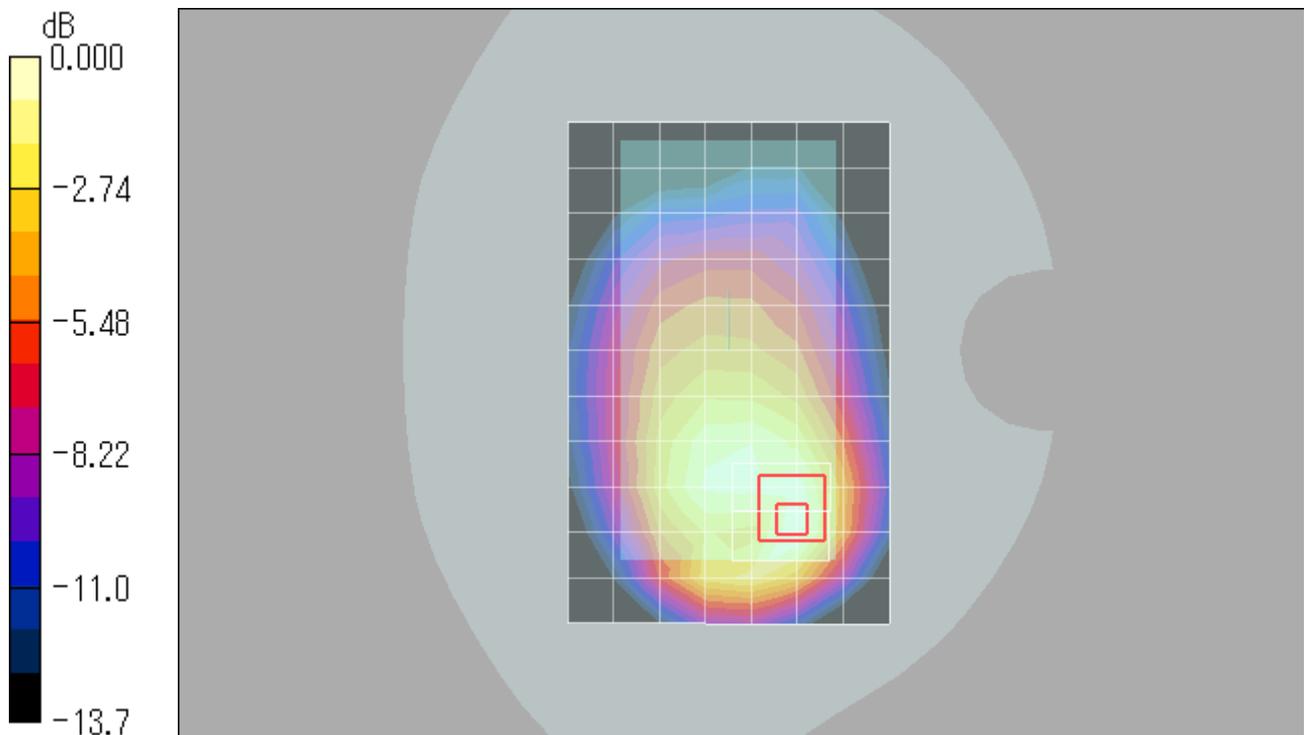
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.513 mW/g



0 dB = 0.513mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

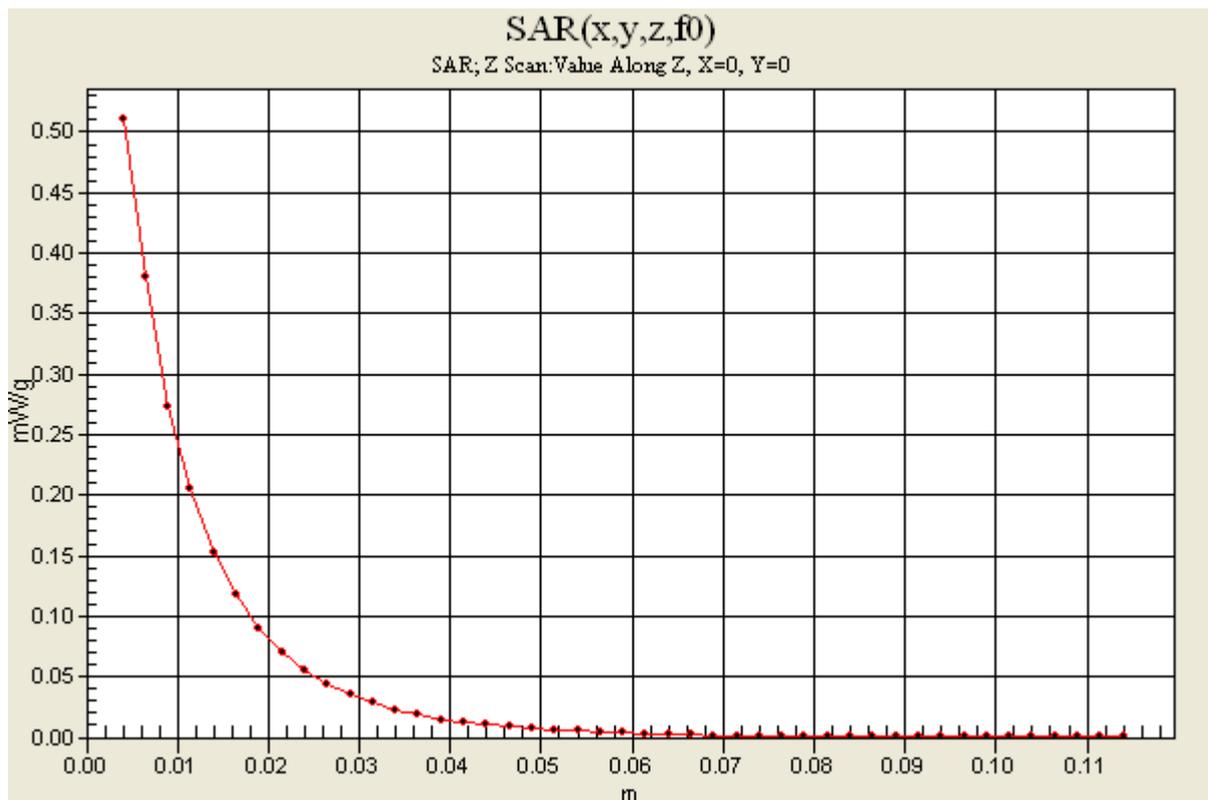
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.21, 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) = 0.511 mW/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-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.231 mW/g

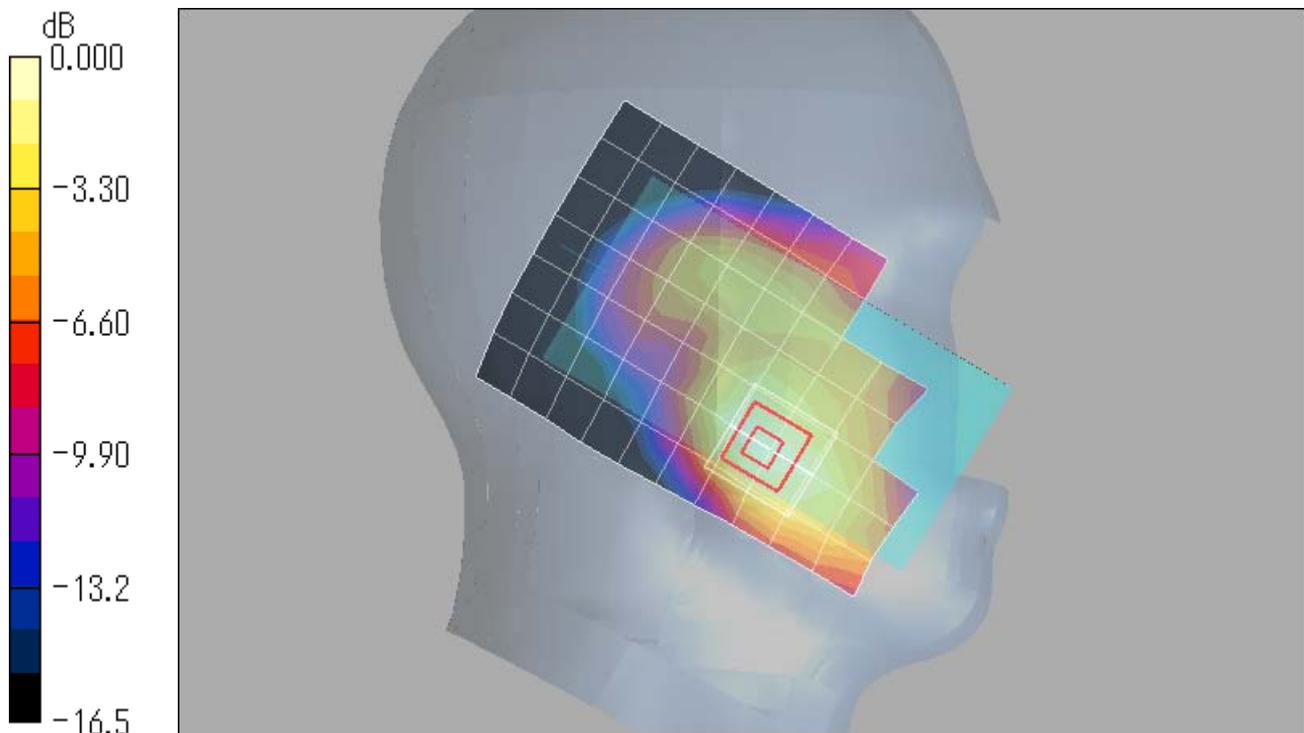
Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.80 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.130 mW/g

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



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

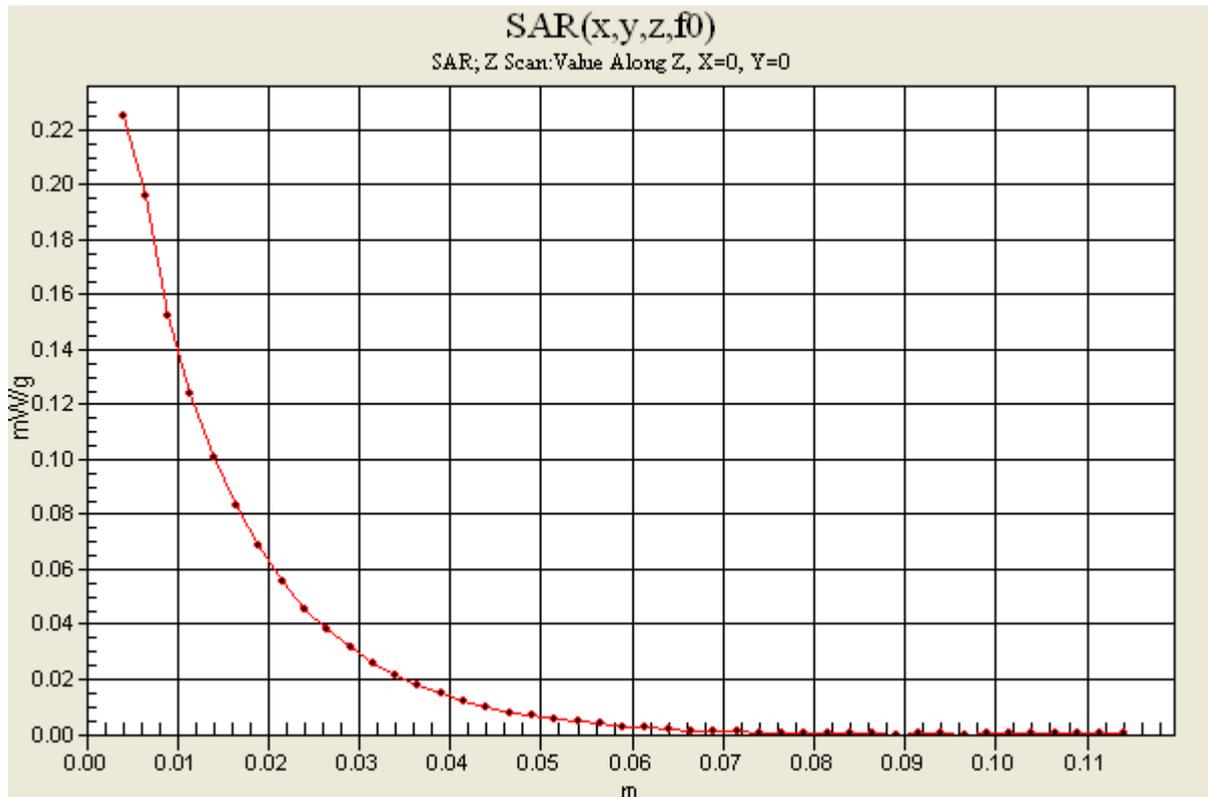
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 0.225 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.084 mW/g

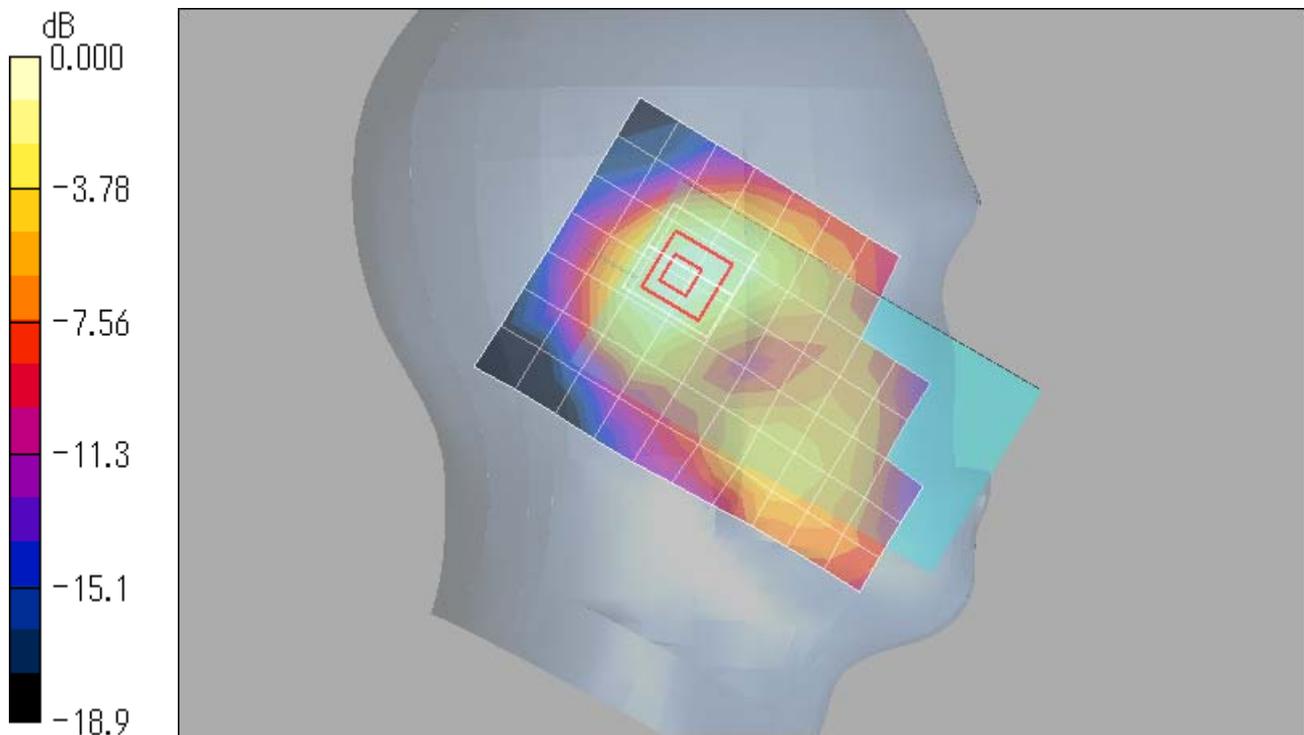
Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.10 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



0 dB = 0.086mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

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

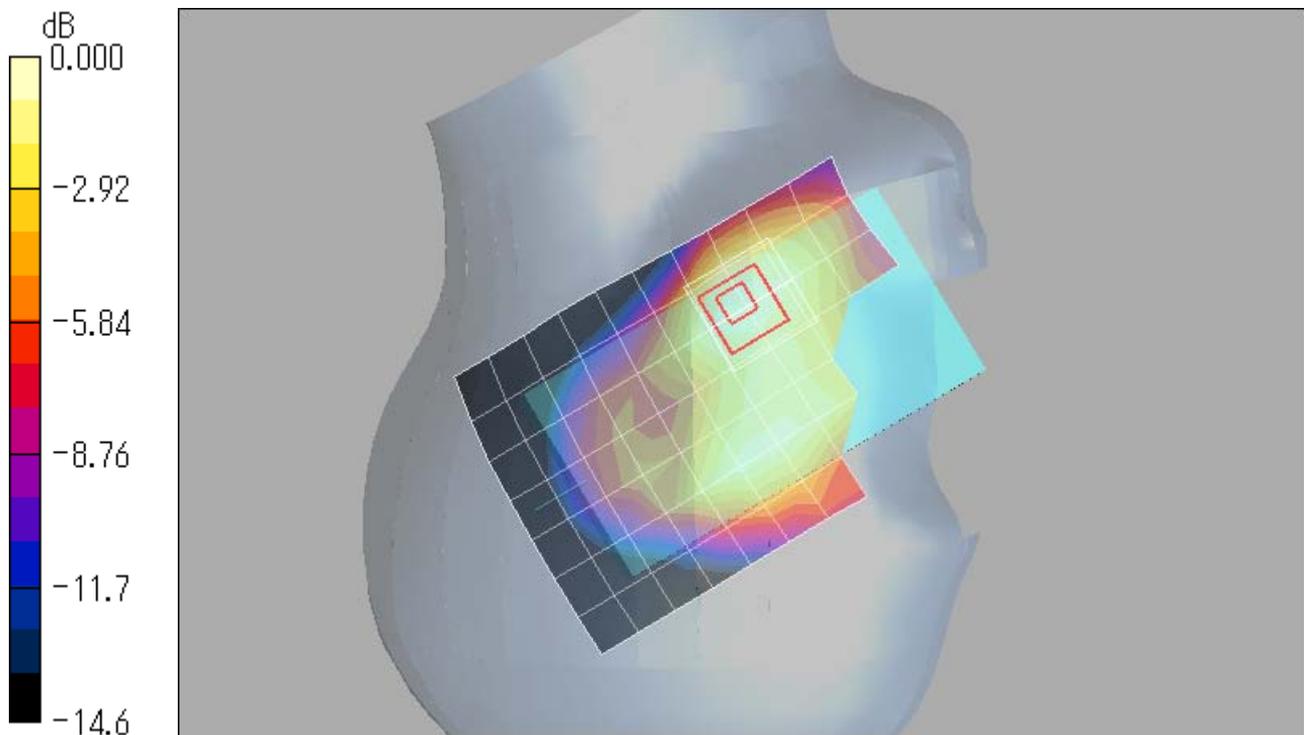
Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.79 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.142 mW/g



0 dB = 0.142mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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 (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.074 mW/g

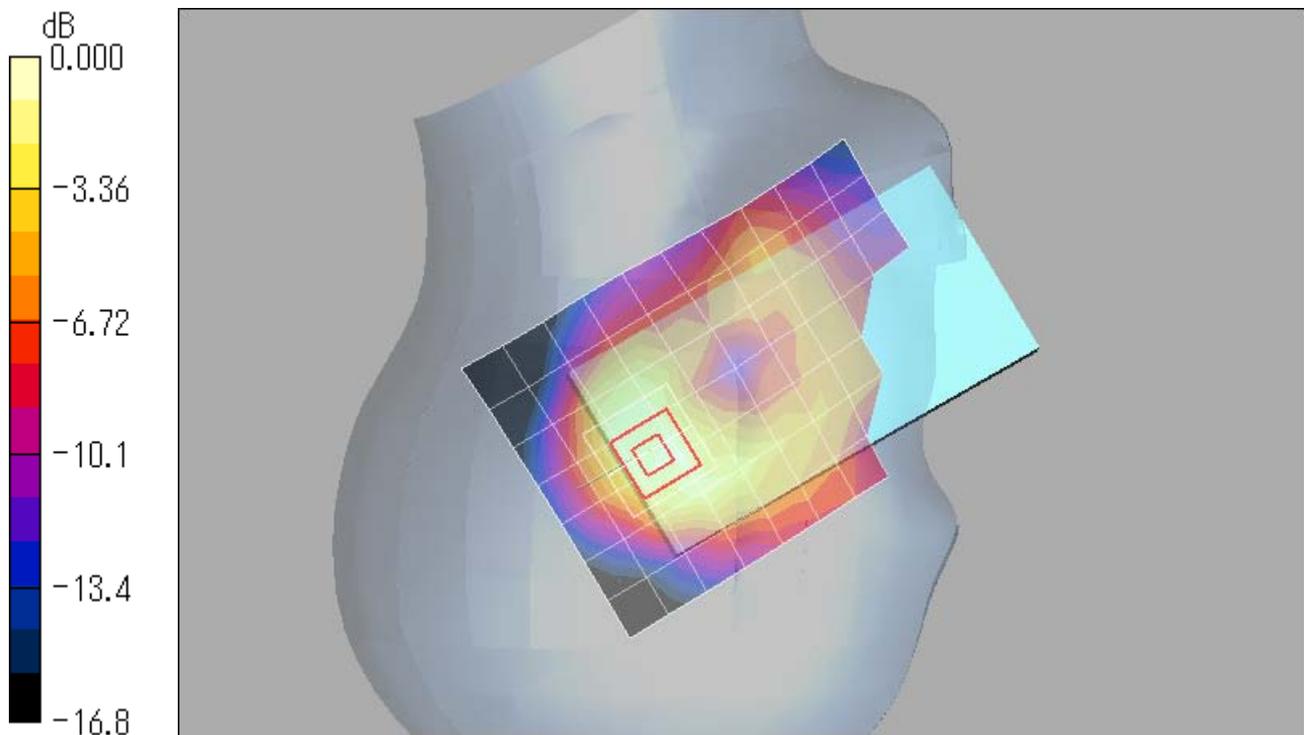
Right Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.55 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.087 mW/g



0 dB = 0.087mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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) = 0.273 mW/g

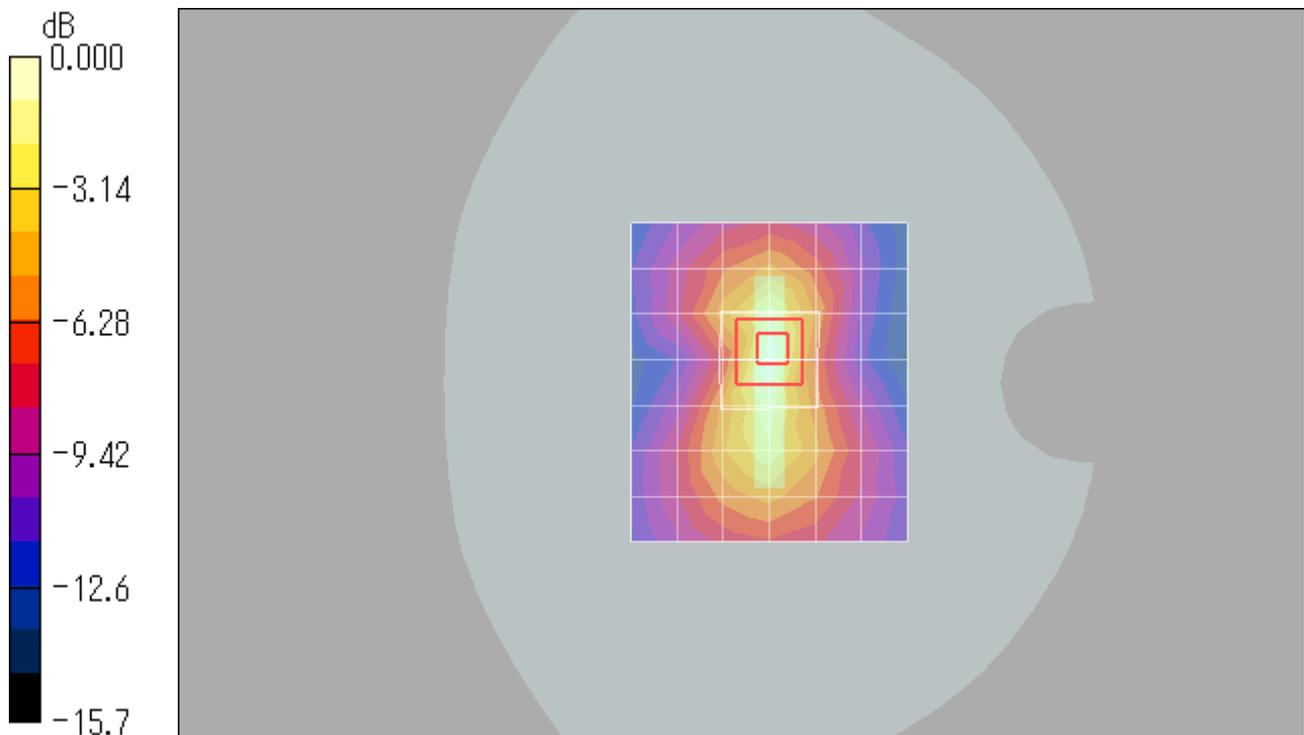
Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.272mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Measurement SW: DASYS4, 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) = 0.126 mW/g

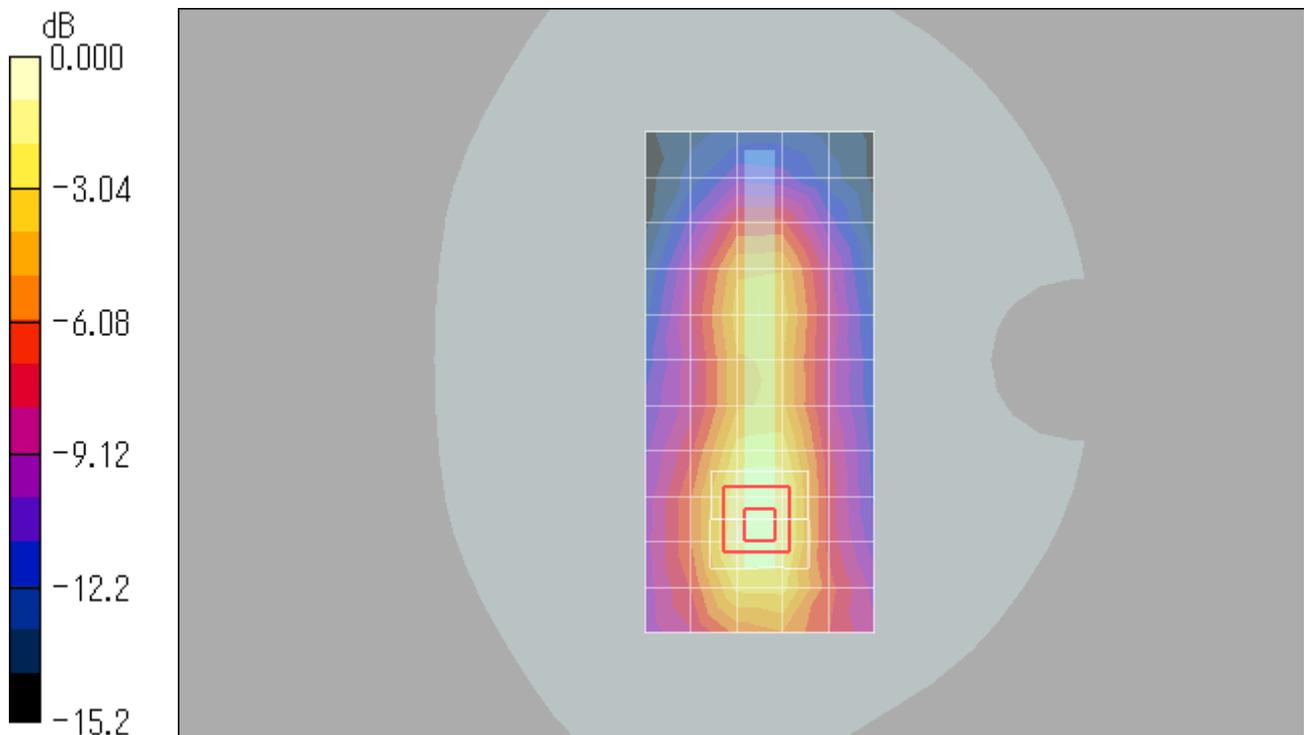
Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.156mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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 (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.068 mW/g

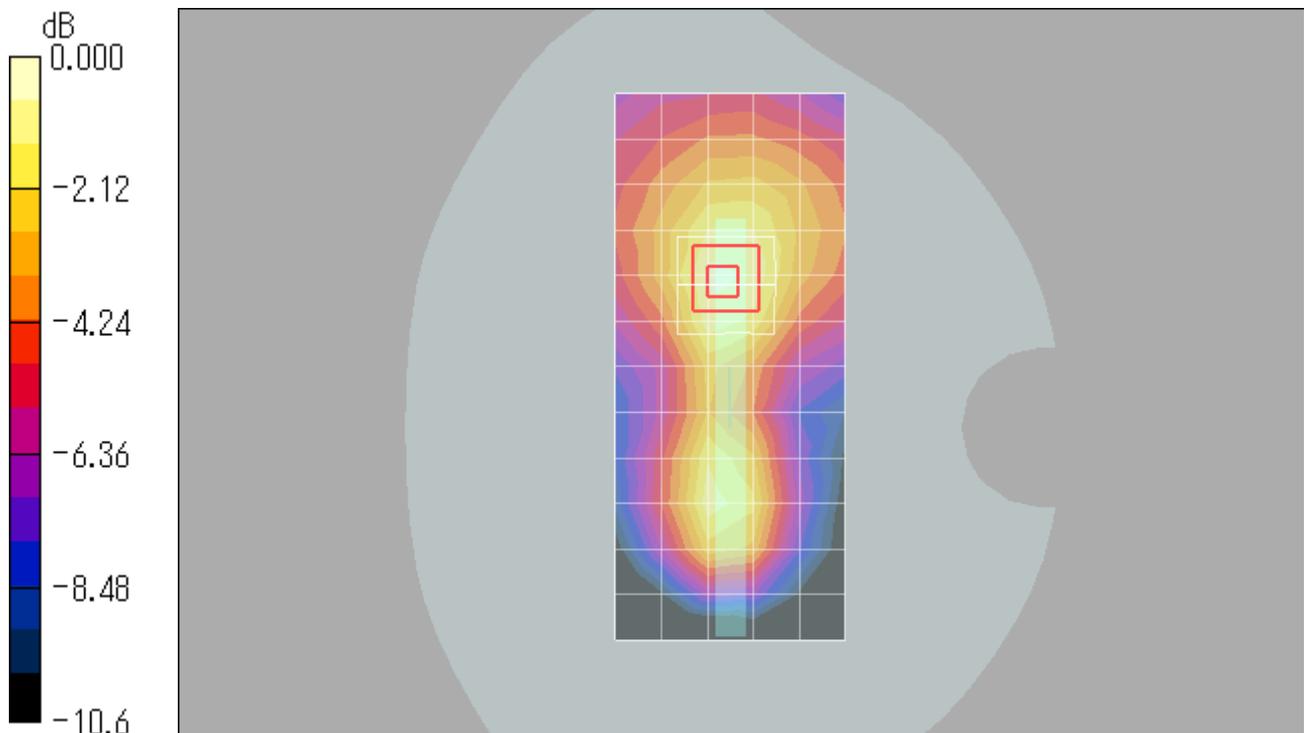
Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.58 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.075mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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 (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.361 mW/g

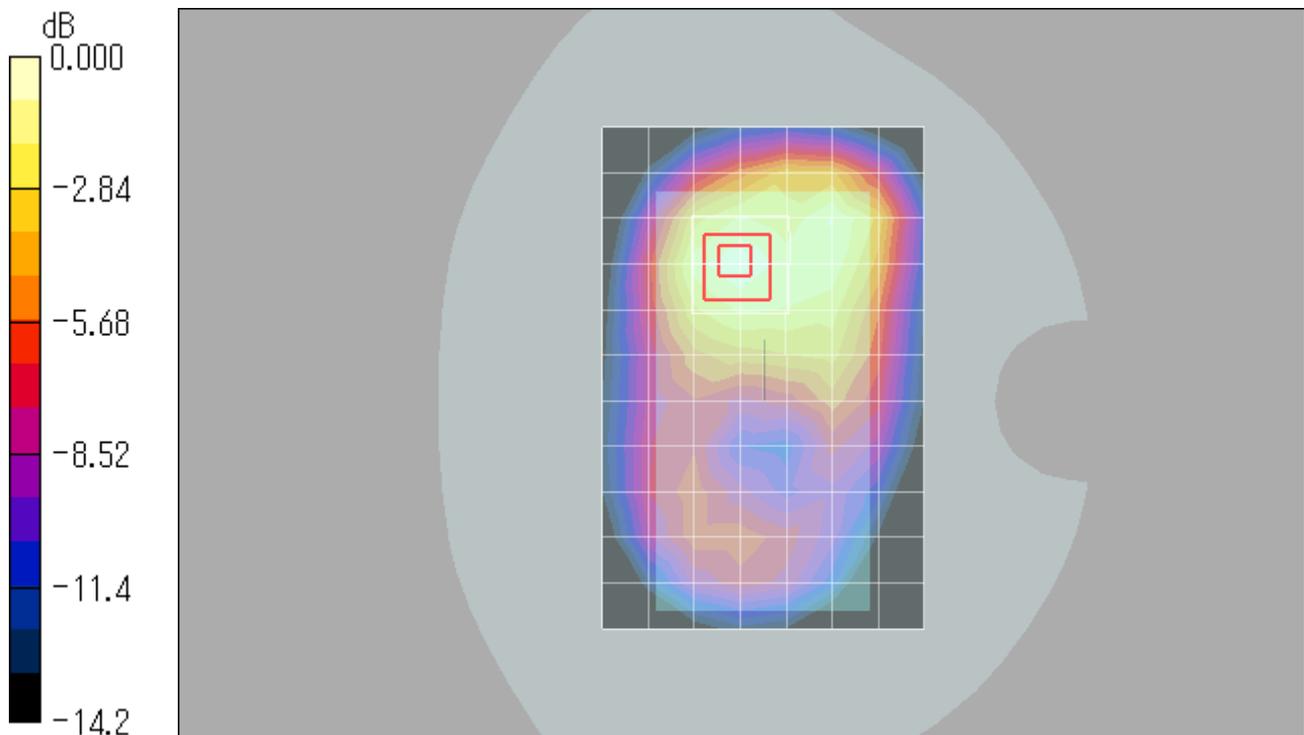
Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.360 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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 (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.381 mW/g

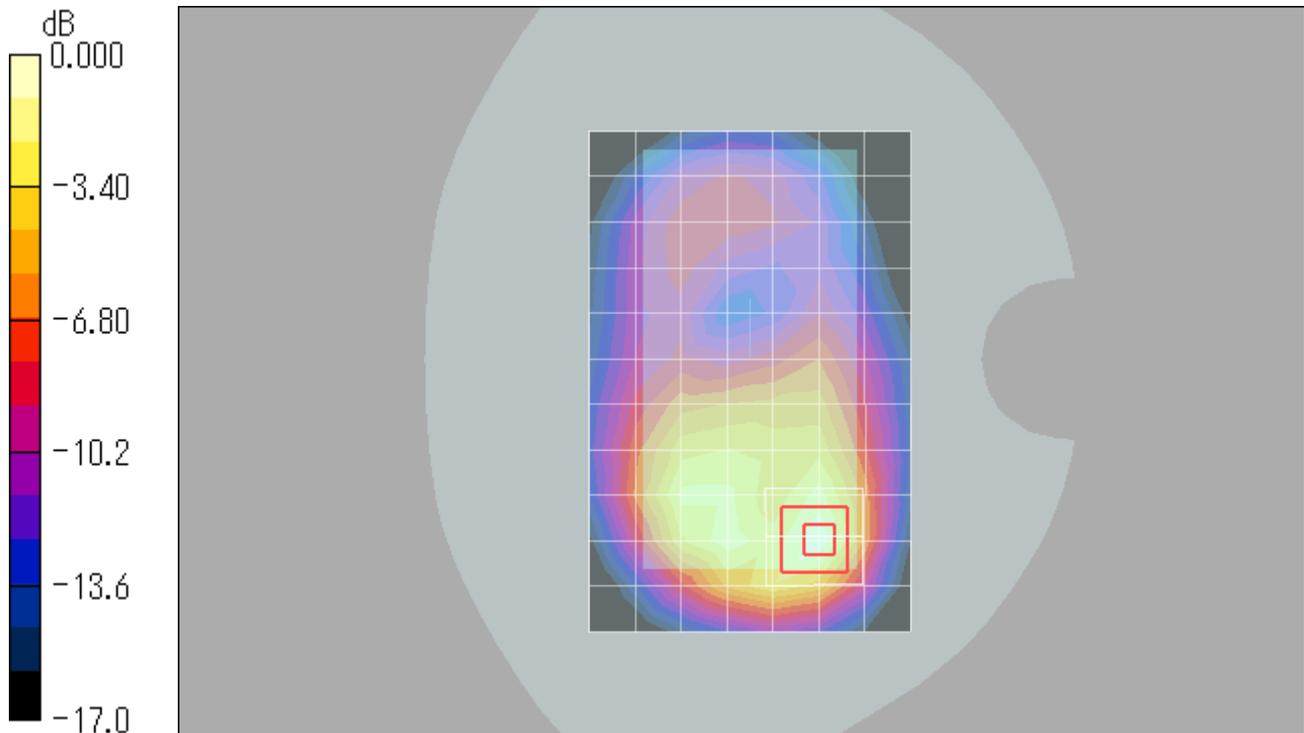
Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.588 W/kg

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.386 mW/g



0 dB = 0.386mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

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

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

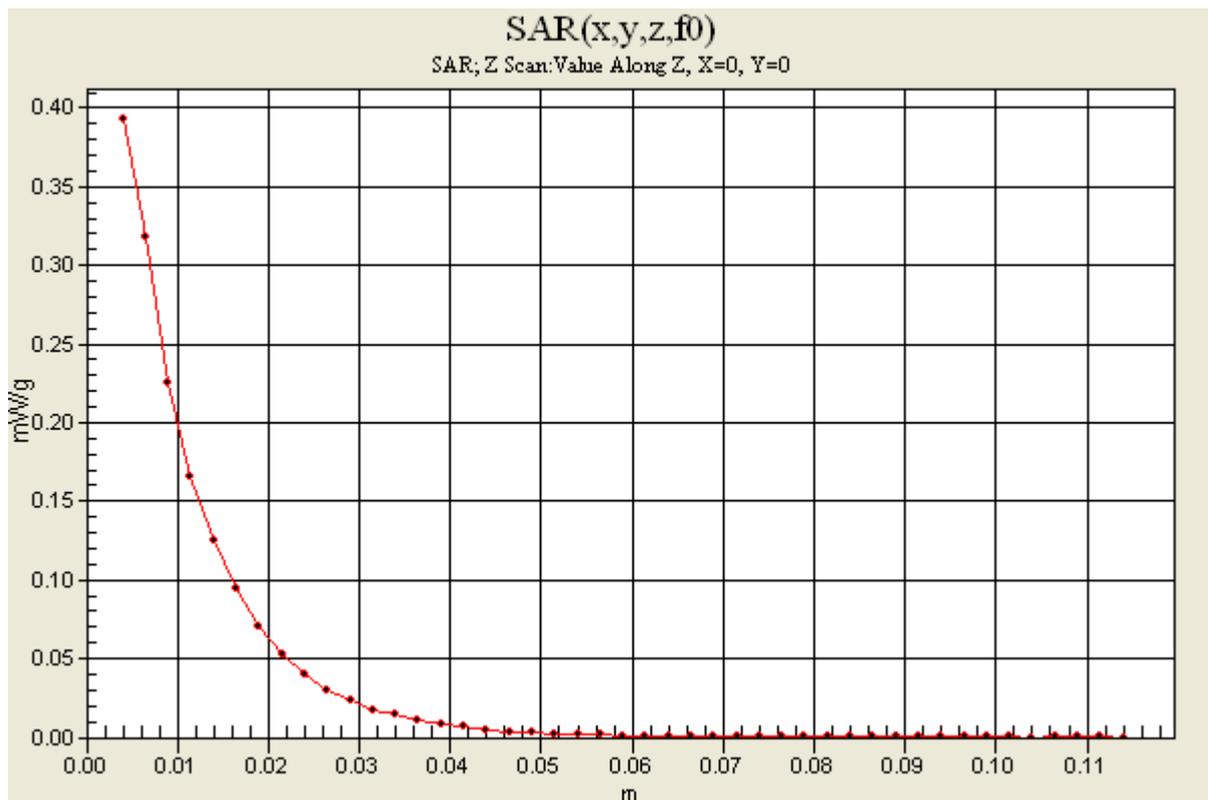
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(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) = 0.393 mW/g



Appendix 2 – SAR Test Plots (WLAN 2.4 GHz)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.45, 7.45, 7.45); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.032 mW/g

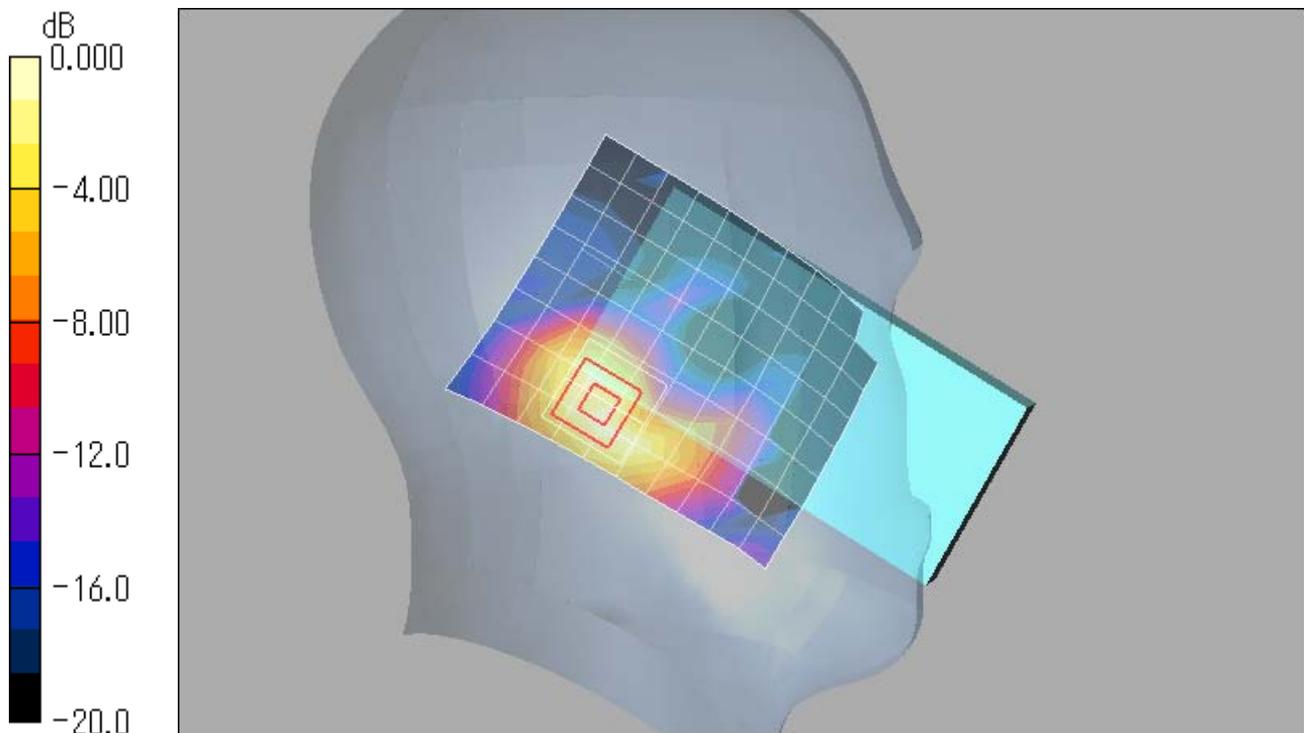
Left Touched/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.94 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.035 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.45, 7.45, 7.45); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Tilted/Area Scan (11x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.021 mW/g

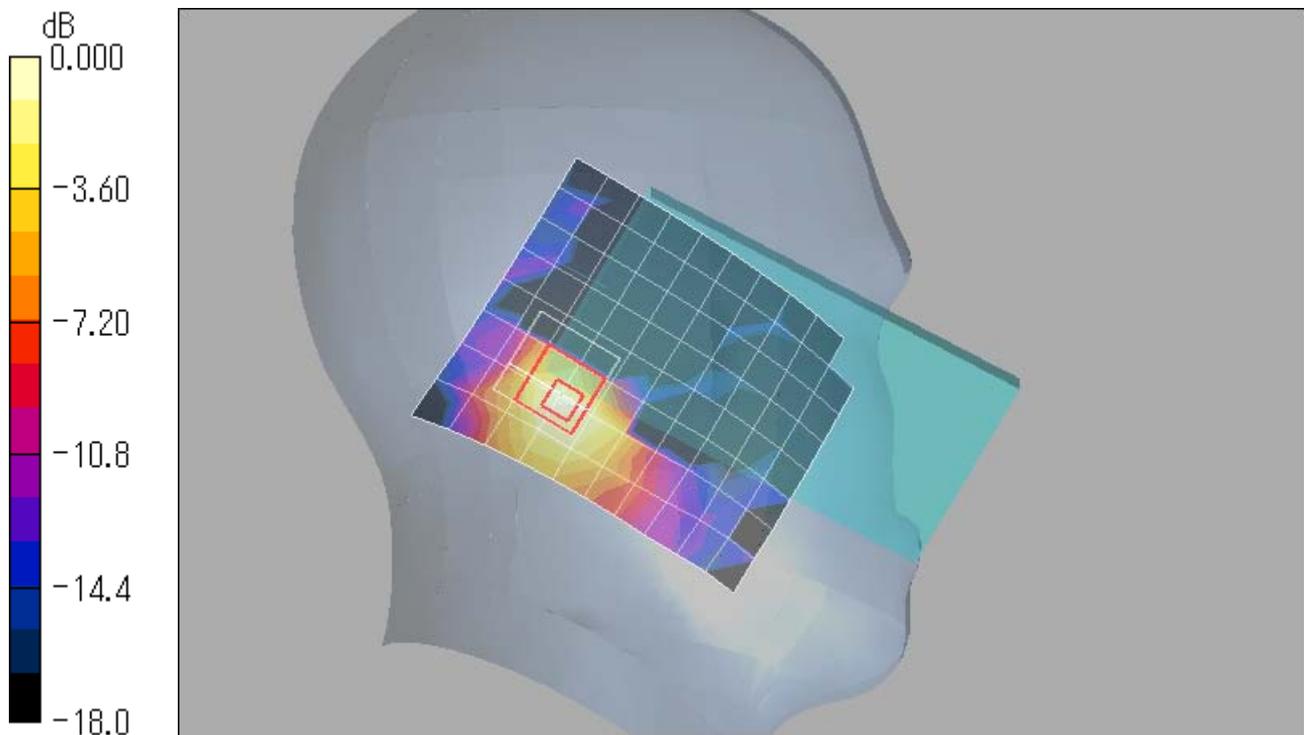
Left Tilted/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.13 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00612 mW/g

Maximum value of SAR (measured) = 0.021 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.45, 7.45, 7.45); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (11x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.127 mW/g

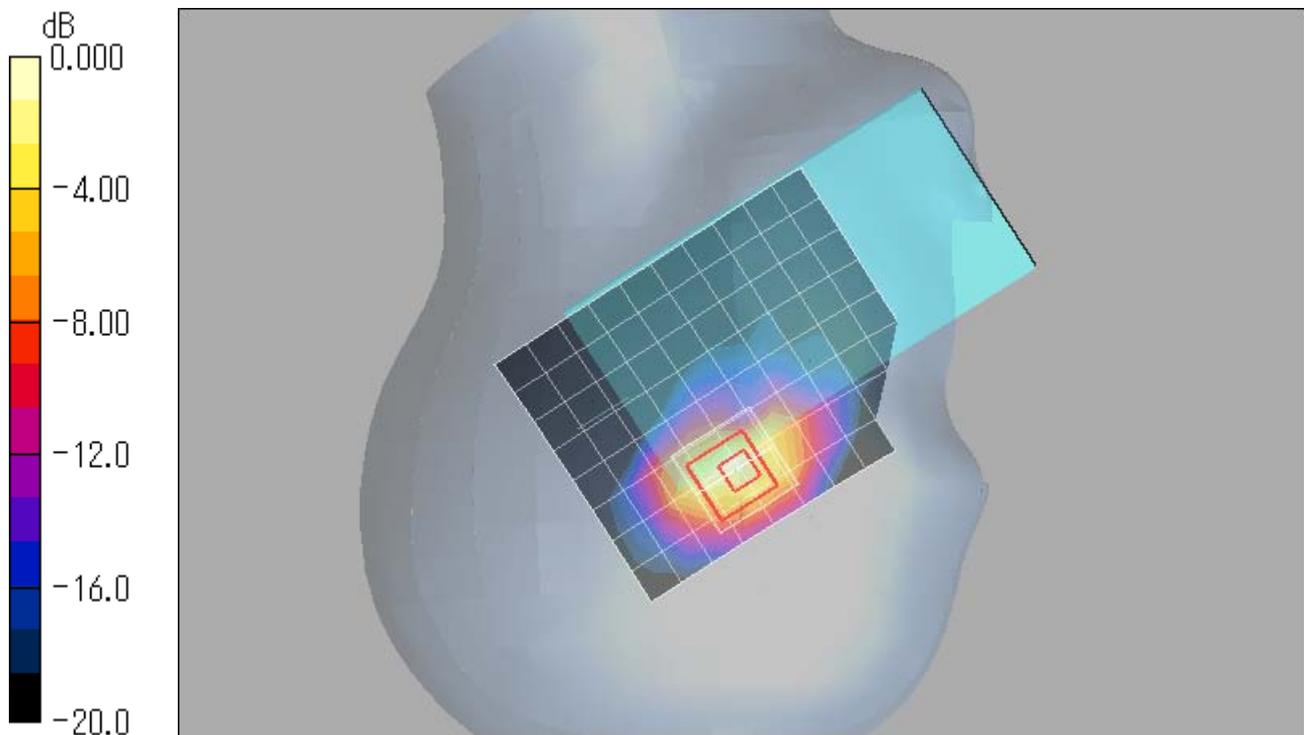
Right Touched/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.89 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

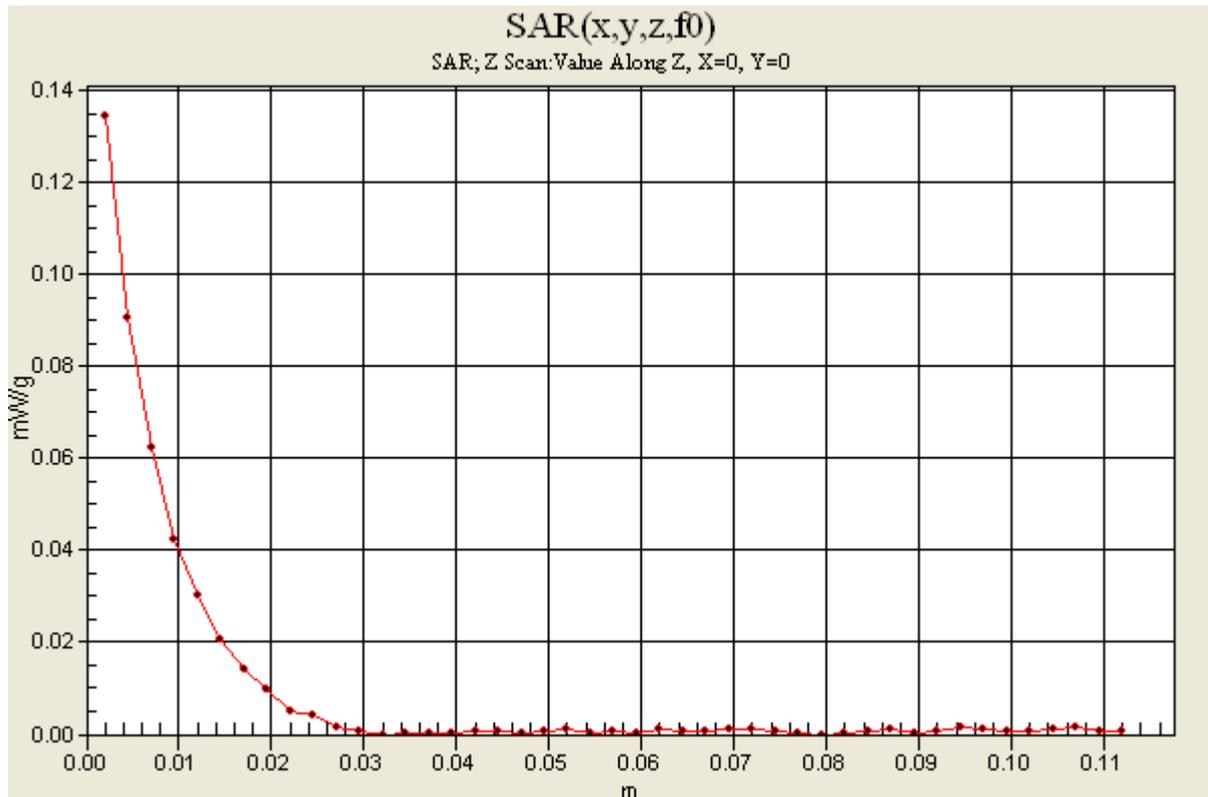
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.45, 7.45, 7.45); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 0.134 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.45, 7.45, 7.45); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Tilted/Area Scan (11x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.058 mW/g

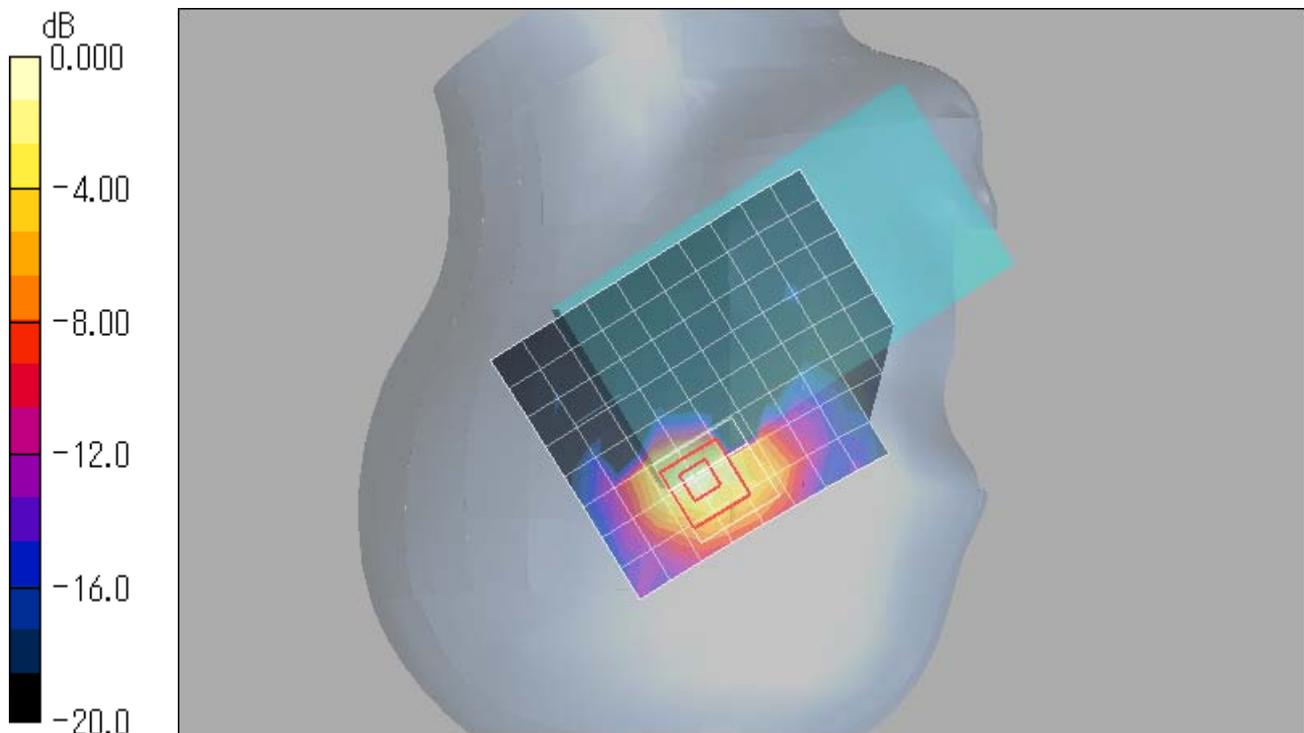
Right Tilted/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.30 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.059 mW/g



0 dB = 0.059mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Top Edge/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.012 mW/g

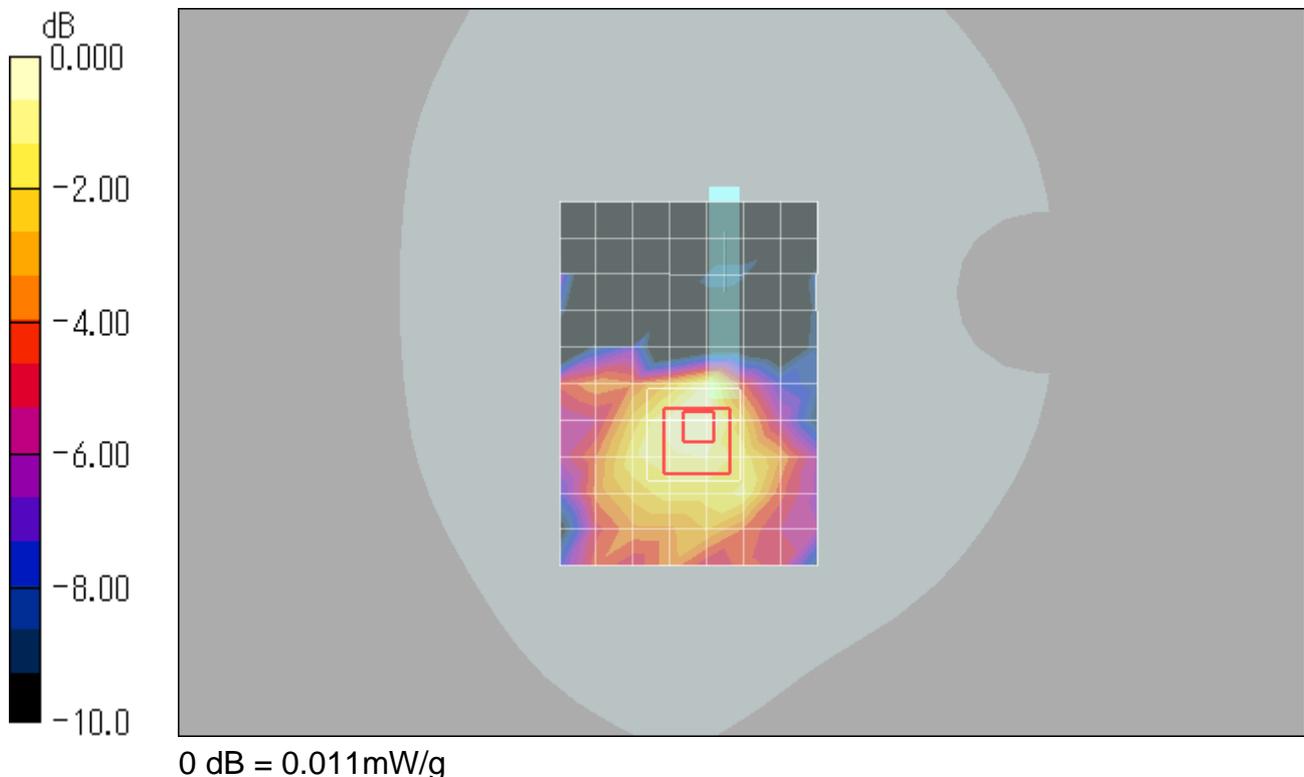
Top Edge/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.22 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.00869 mW/g; SAR(10 g) = 0.00399 mW/g

Maximum value of SAR (measured) = 0.011 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Edge/Area Scan (7x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.119 mW/g

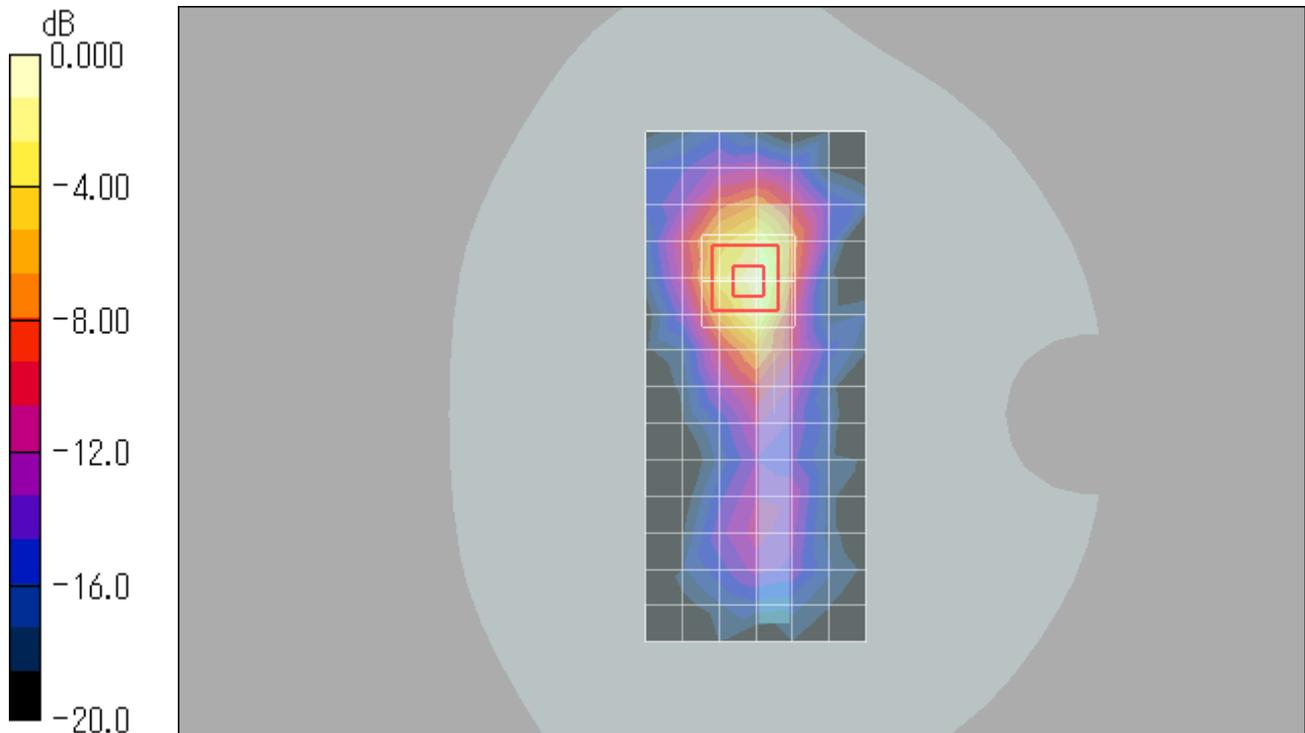
Left Edge/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.47 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Front Side/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.029 mW/g

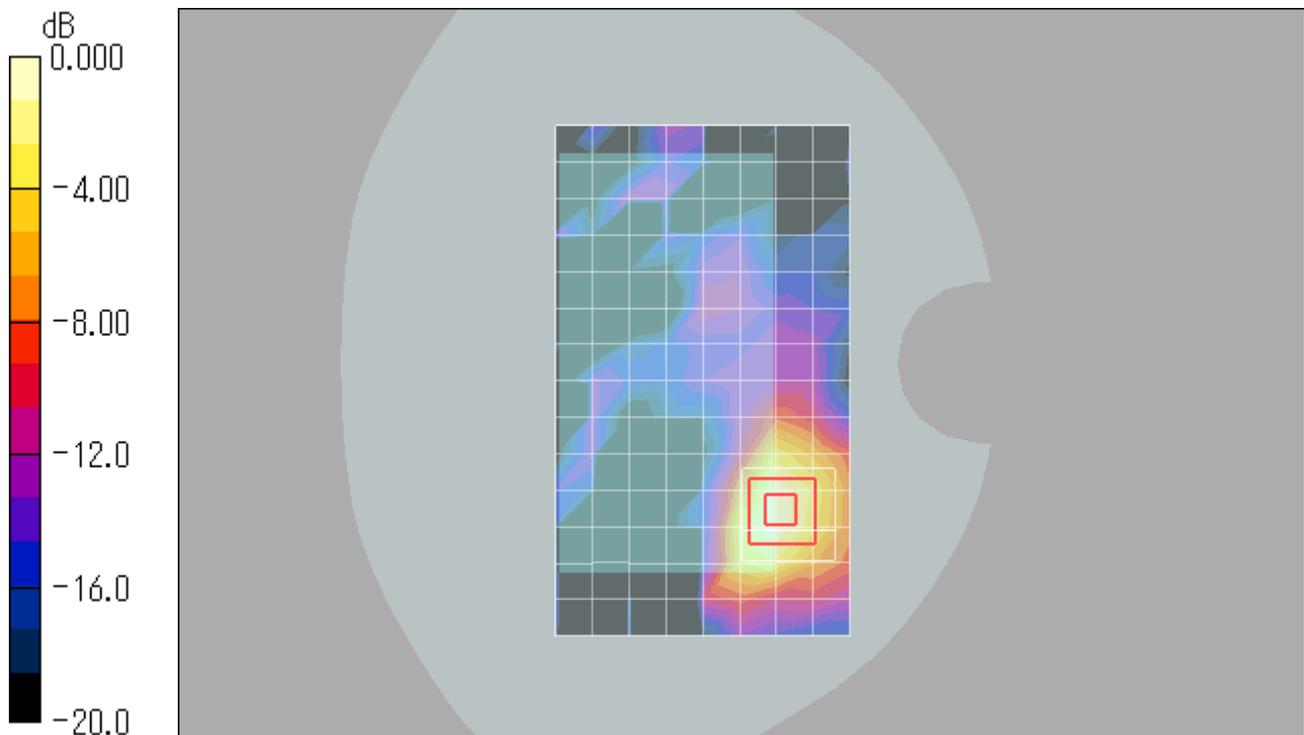
Front Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.58 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



0 dB = 0.030mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm

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

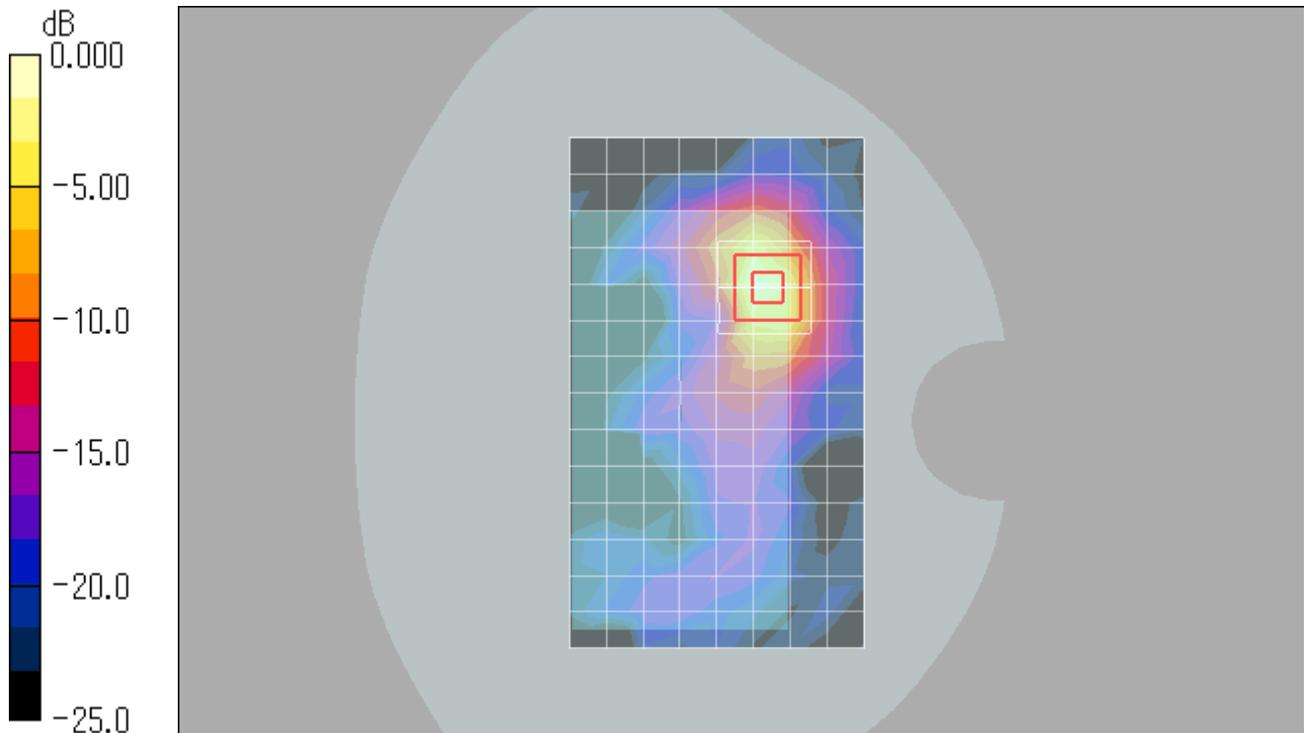
Rear Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.65 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.208 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

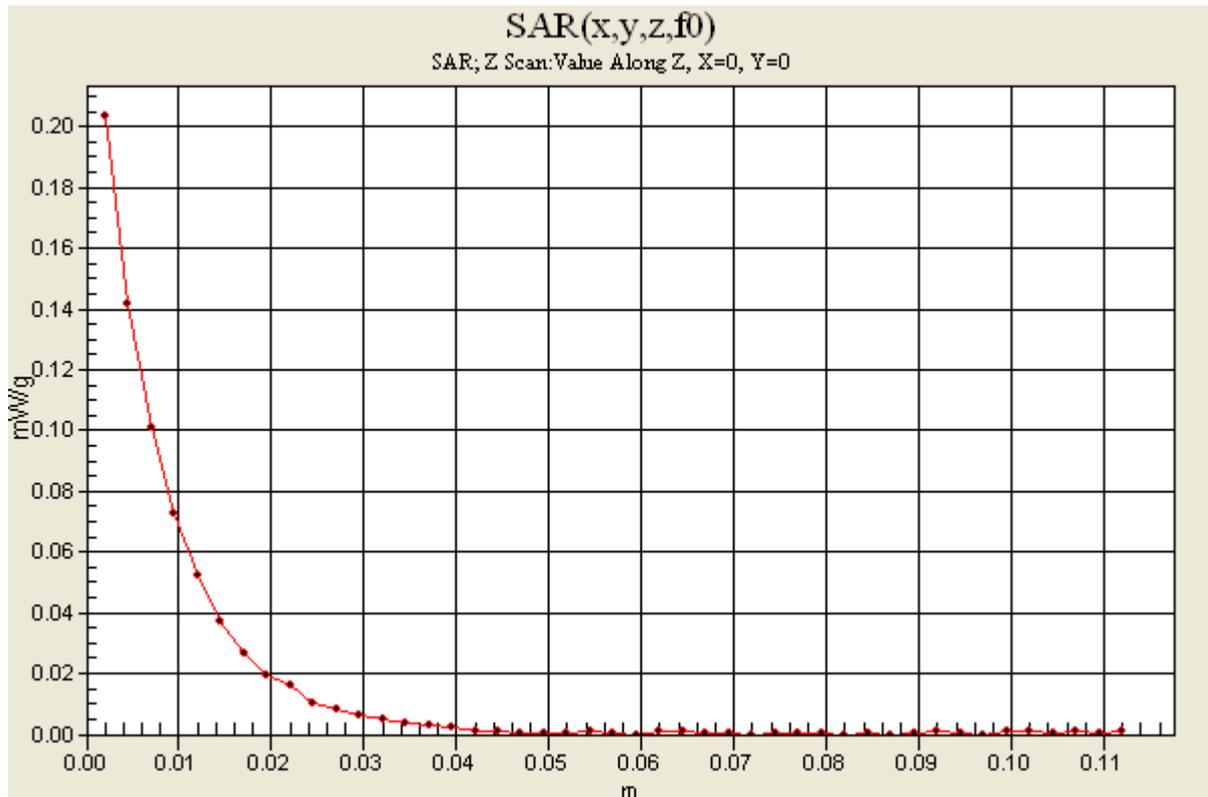
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 0.203 mW/g



Appendix 2 – SAR Test Plots (WLAN 5 GHz)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 36ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5180 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.66$ mho/m; $\epsilon_r = 36.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.071 mW/g

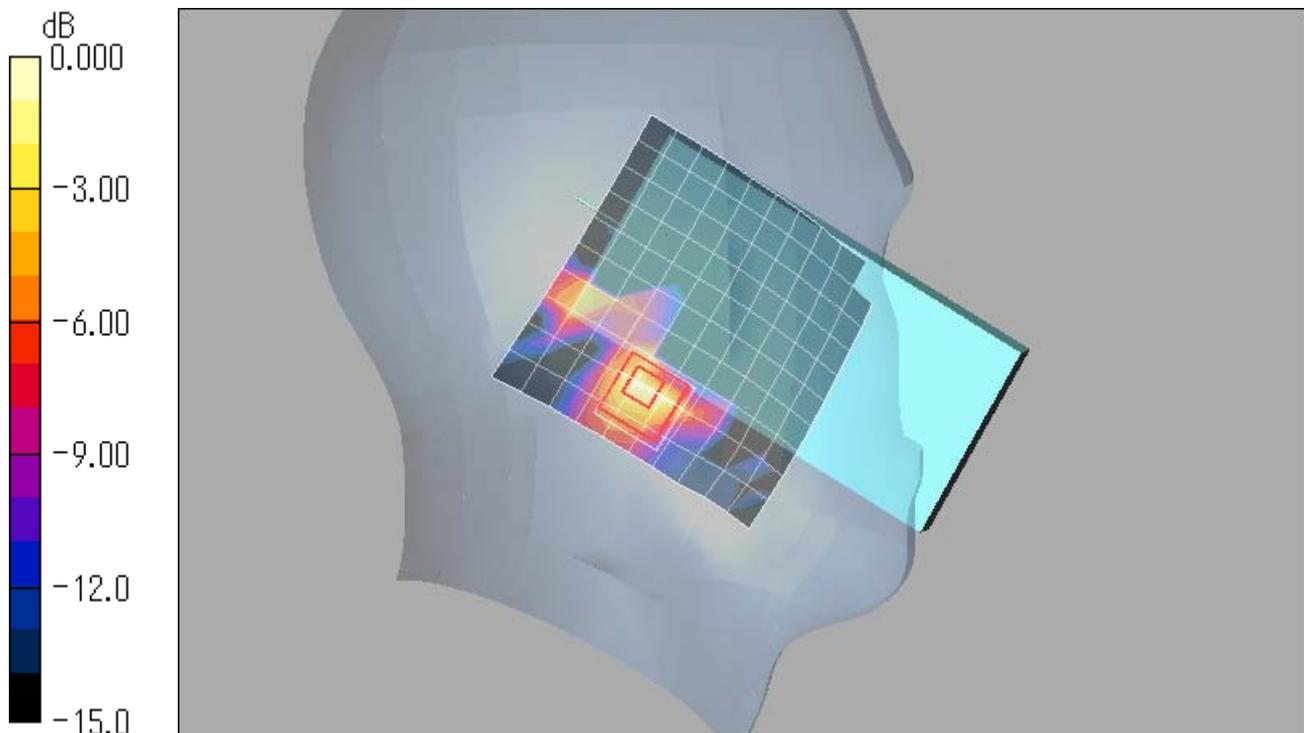
Left Touched/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.78 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 36ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5180 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.66$ mho/m; $\epsilon_r = 36.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Tilted/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.032 mW/g

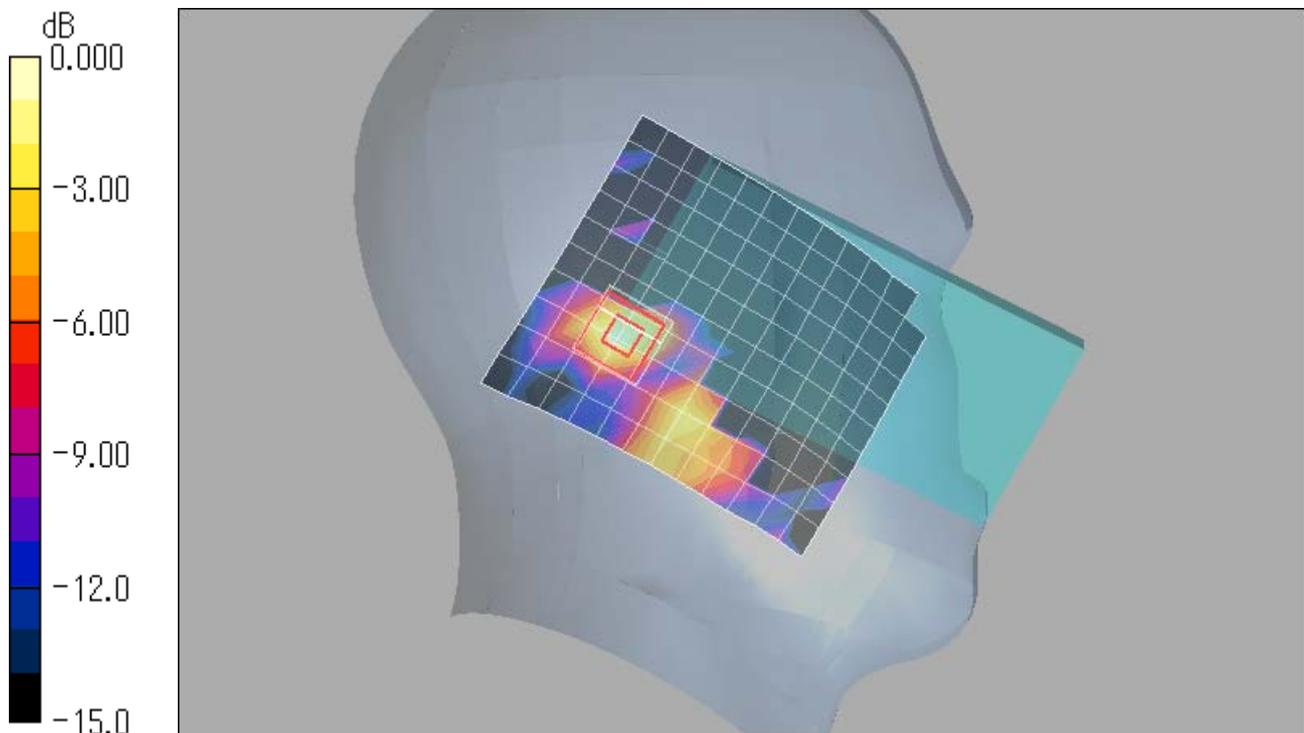
Left Tilted/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.82 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.087 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00448 mW/g

Maximum value of SAR (measured) = 0.031 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 36ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5180 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.66$ mho/m; $\epsilon_r = 36.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.273 mW/g

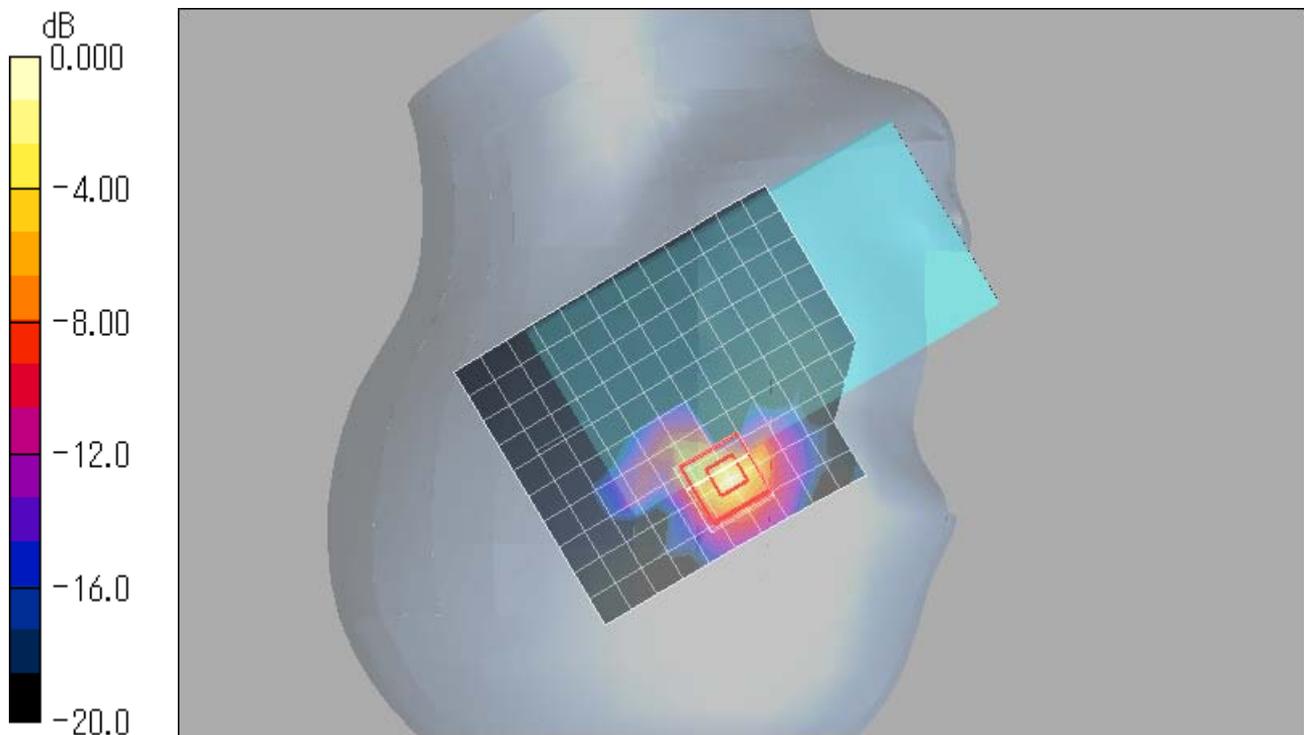
Right Touched/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.23 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.282 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 36ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5180 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.66$ mho/m; $\epsilon_r = 36.3$; $\rho = 1000$ kg/m³

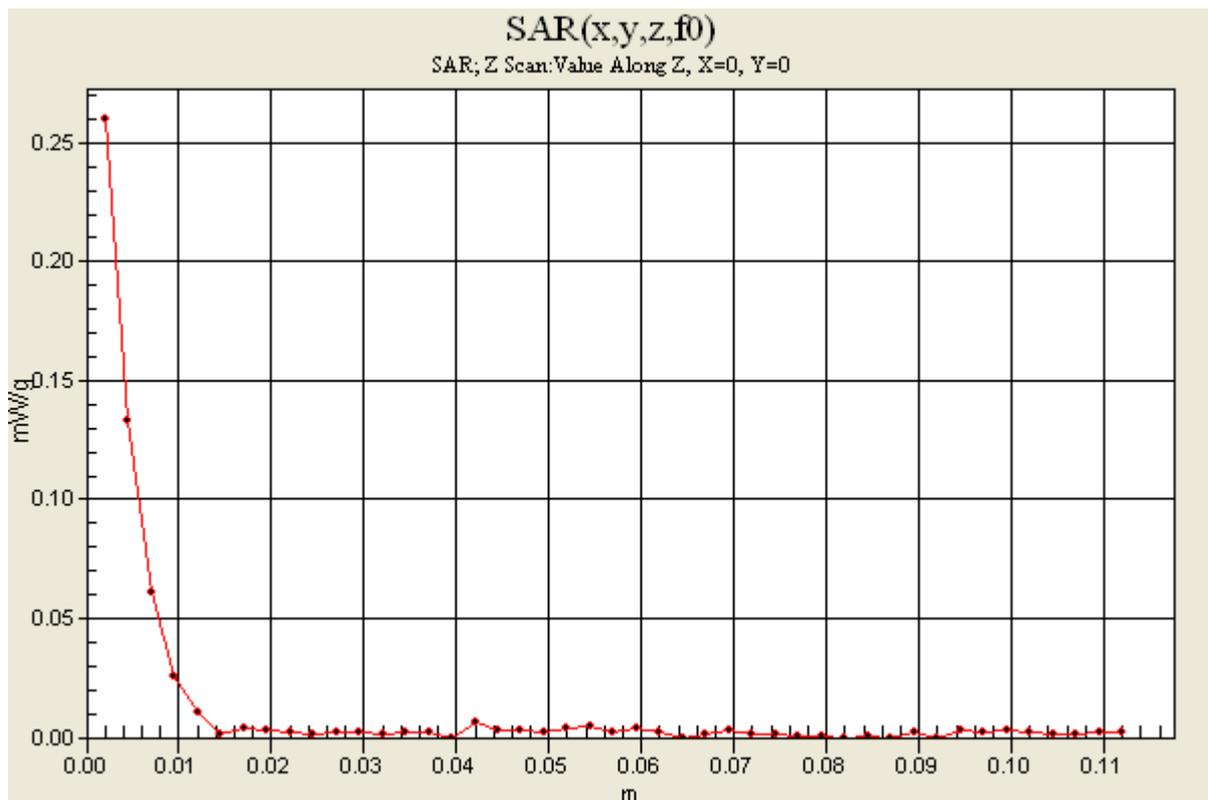
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 0.260 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 36ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5180 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.66$ mho/m; $\epsilon_r = 36.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Tilted/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.048 mW/g

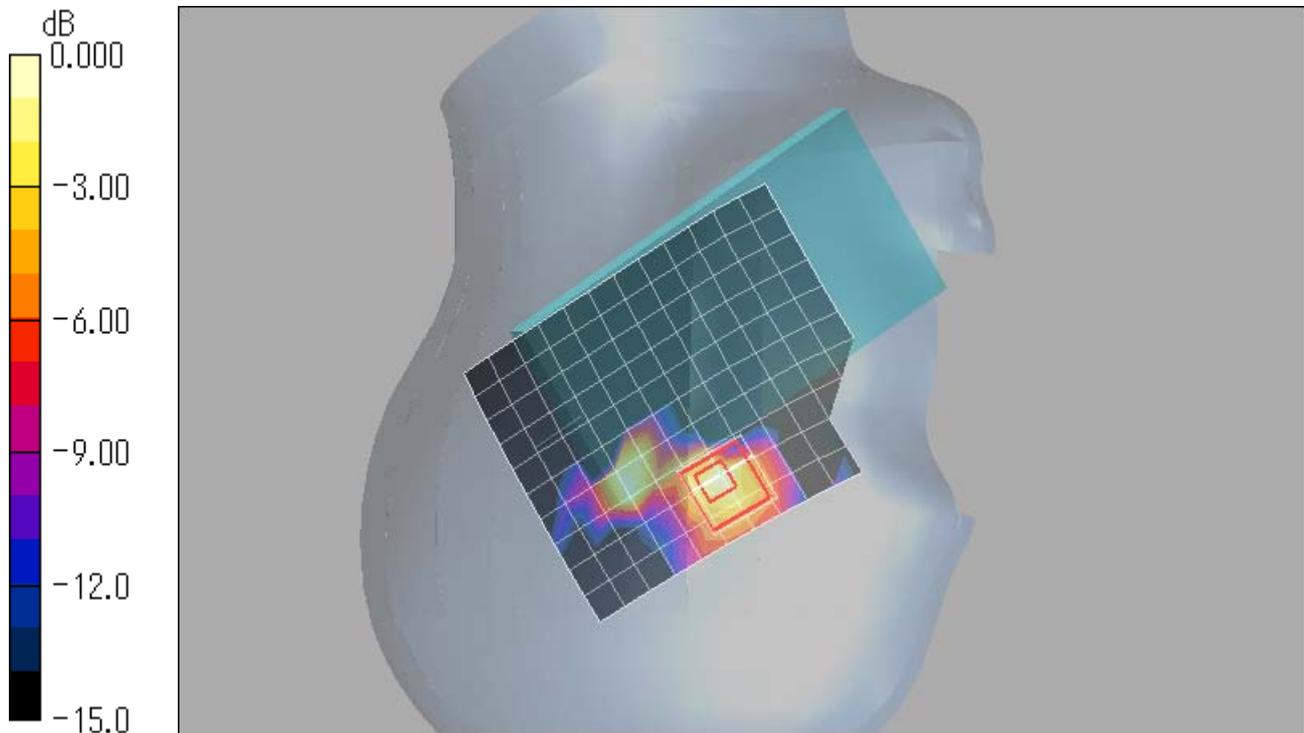
Right Tilted/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.33 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00745 mW/g

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



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 36ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5180 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 49$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.22, 4.22, 4.22); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Front Side/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.052 mW/g

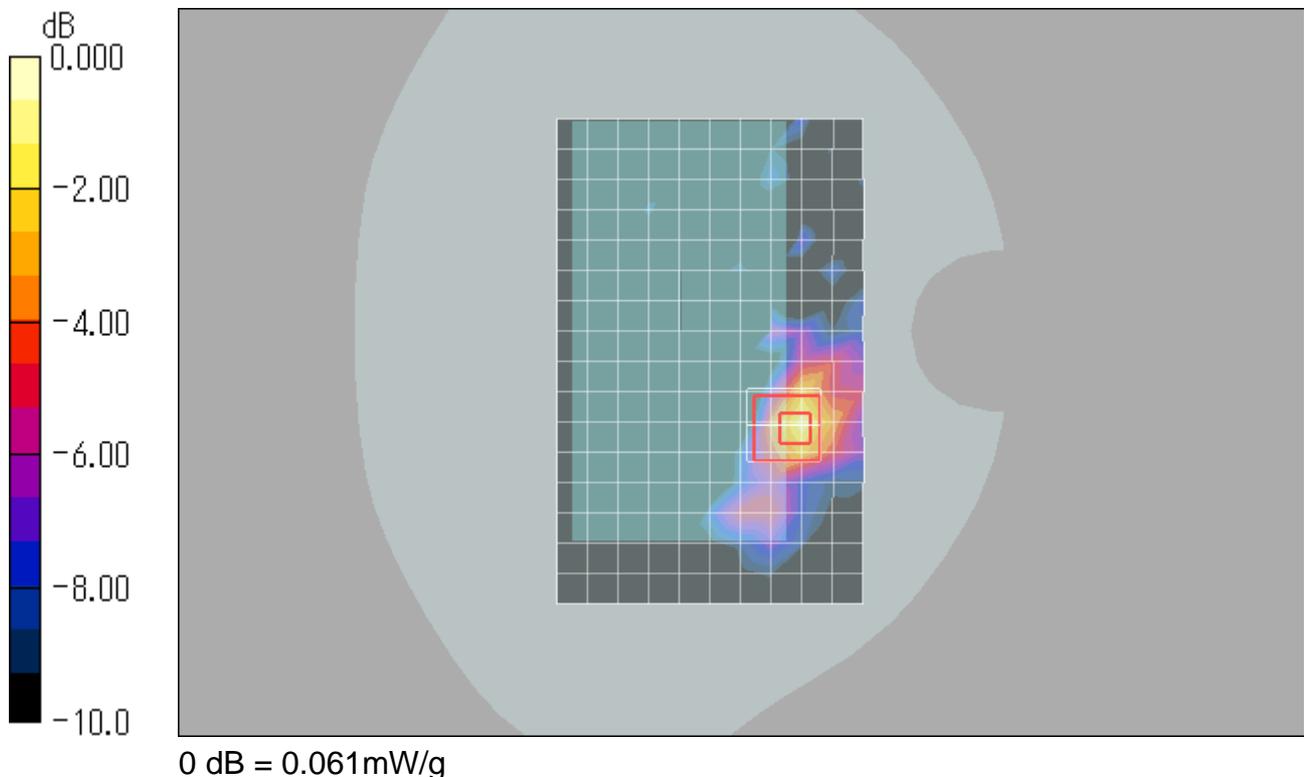
Front Side/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.49 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.0079 mW/g

Maximum value of SAR (measured) = 0.061 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 36ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5180 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 49$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.22, 4.22, 4.22); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.189 mW/g

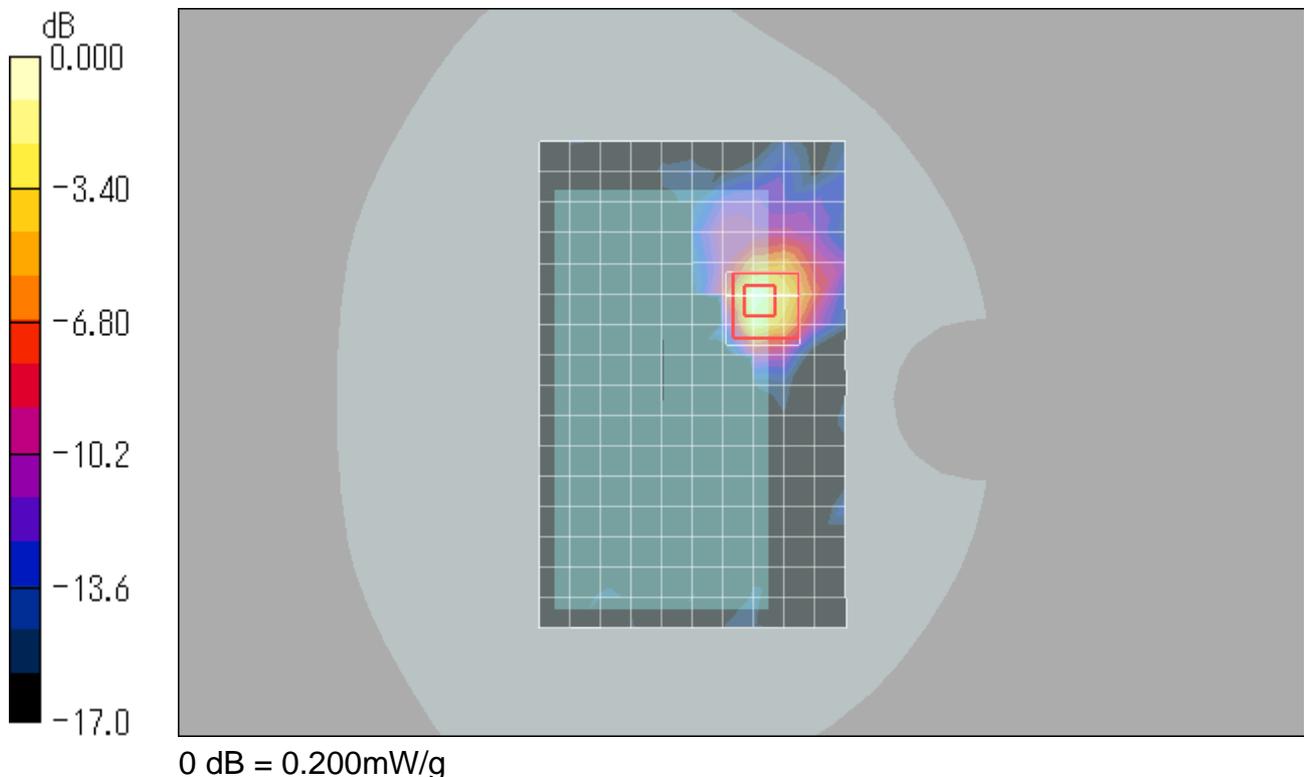
Rear Side/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.49 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.029 mW/g

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



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 36ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5180 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 49$; $\rho = 1000$ kg/m³

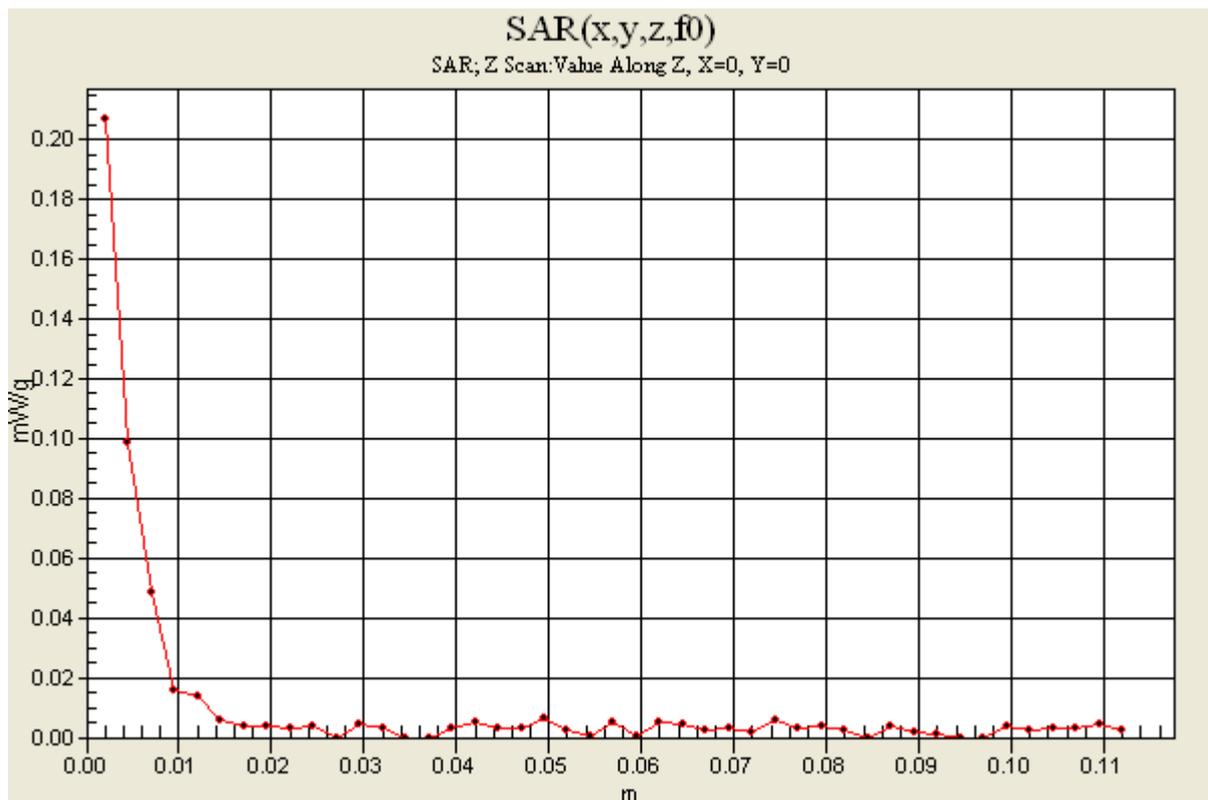
Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.22, 4.22, 4.22); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 0.207 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 52ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.74$ mho/m; $\epsilon_r = 36.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.101 mW/g

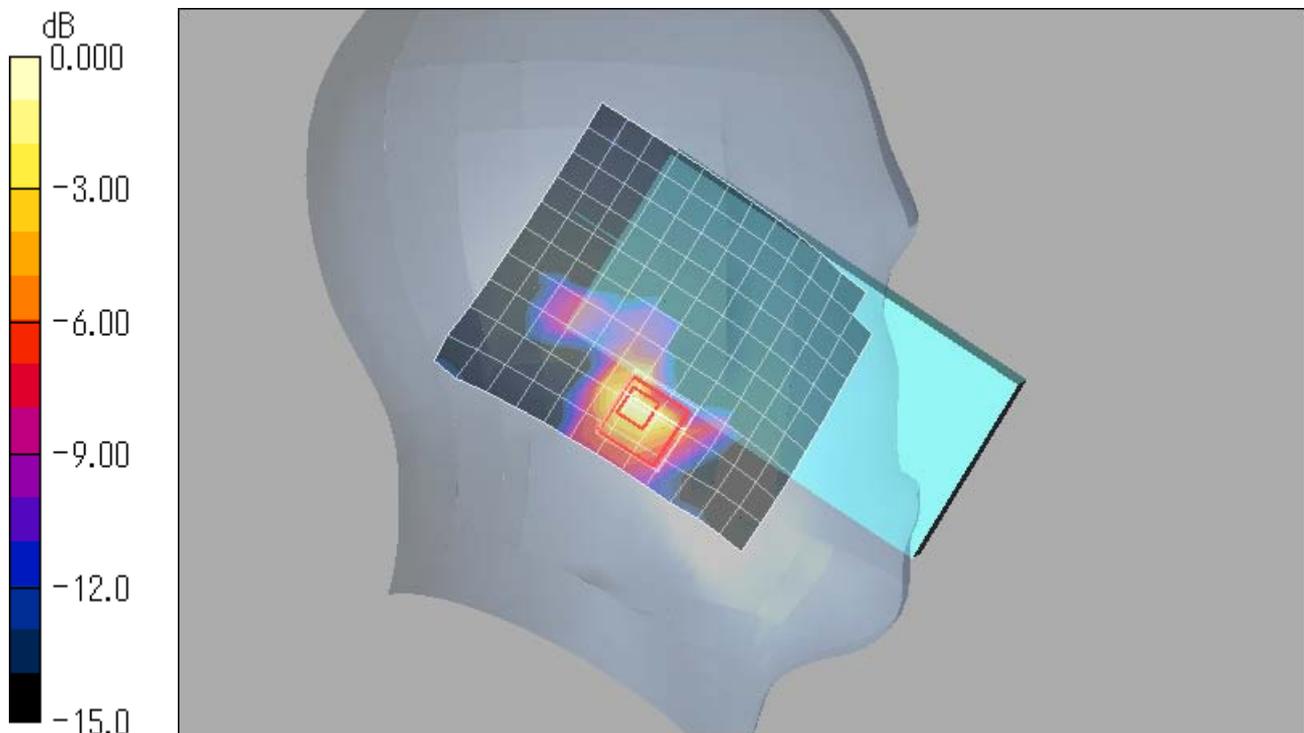
Left Touched/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.73 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



0 dB = 0.110mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 52ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.74$ mho/m; $\epsilon_r = 36.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Tilted/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.030 mW/g

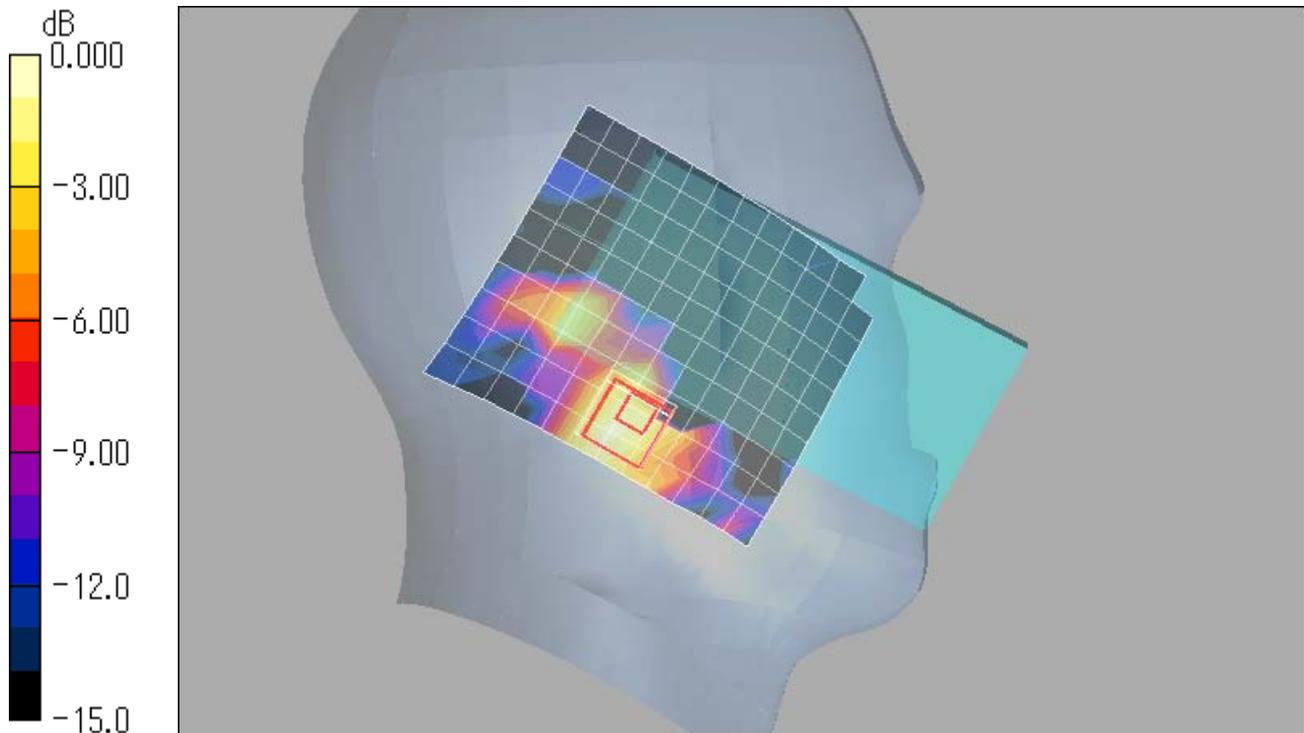
Left Tilted/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.45 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00537 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.034mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 52ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.74$ mho/m; $\epsilon_r = 36.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.391 mW/g

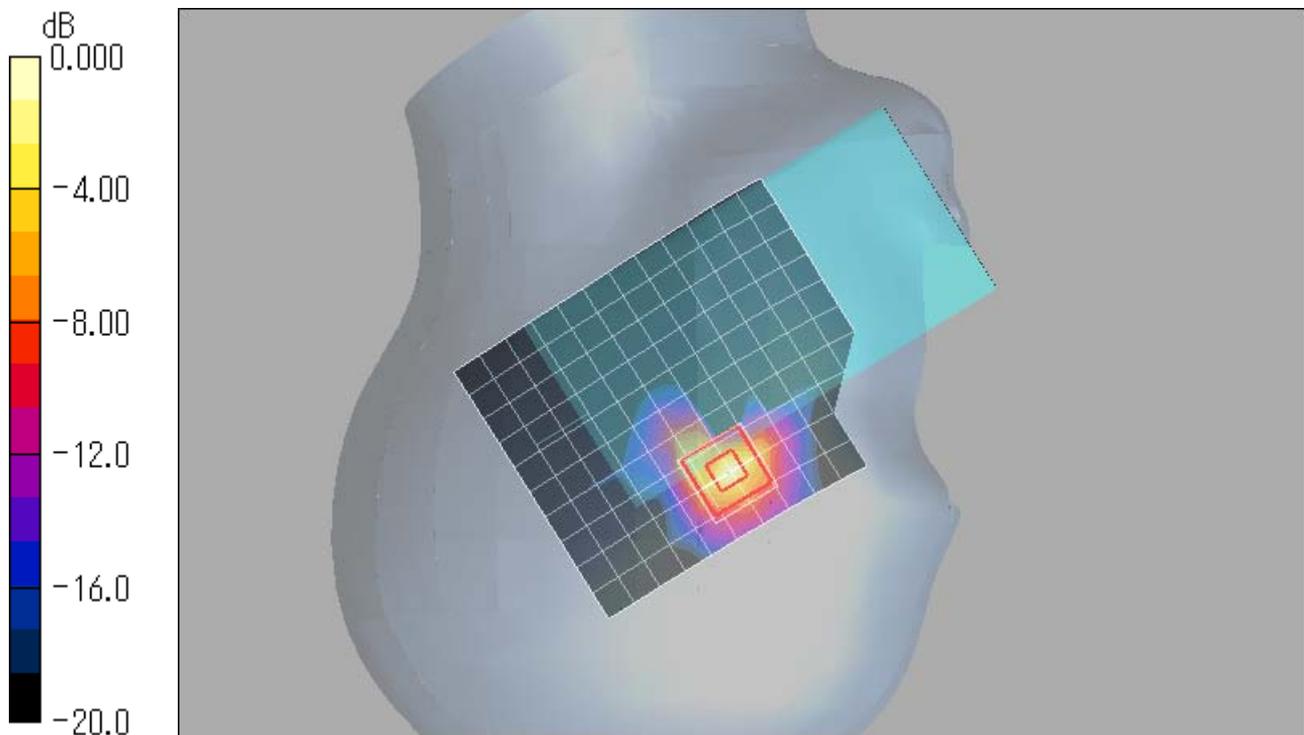
Right Touched/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.71 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.385 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 52ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.74$ mho/m; $\epsilon_r = 36.1$; $\rho = 1000$ kg/m³

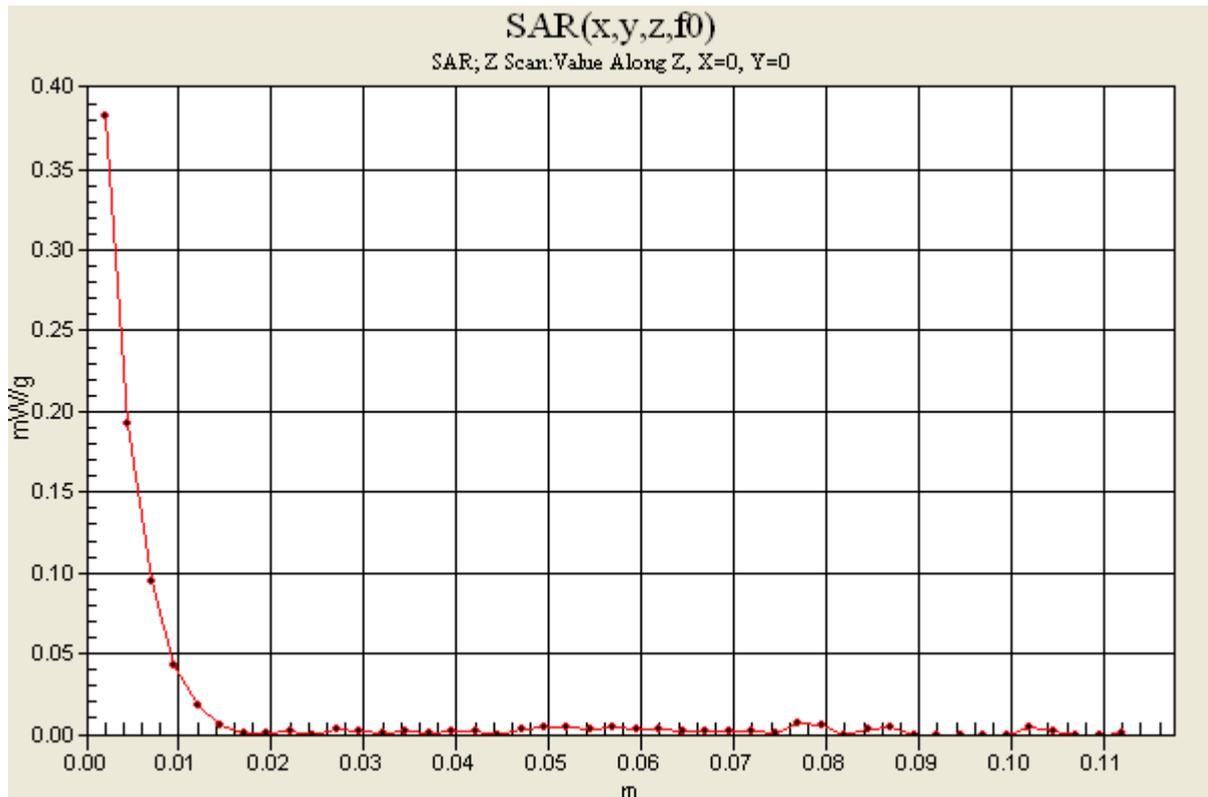
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 0.383 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 52ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.74$ mho/m; $\epsilon_r = 36.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Tilted/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.068 mW/g

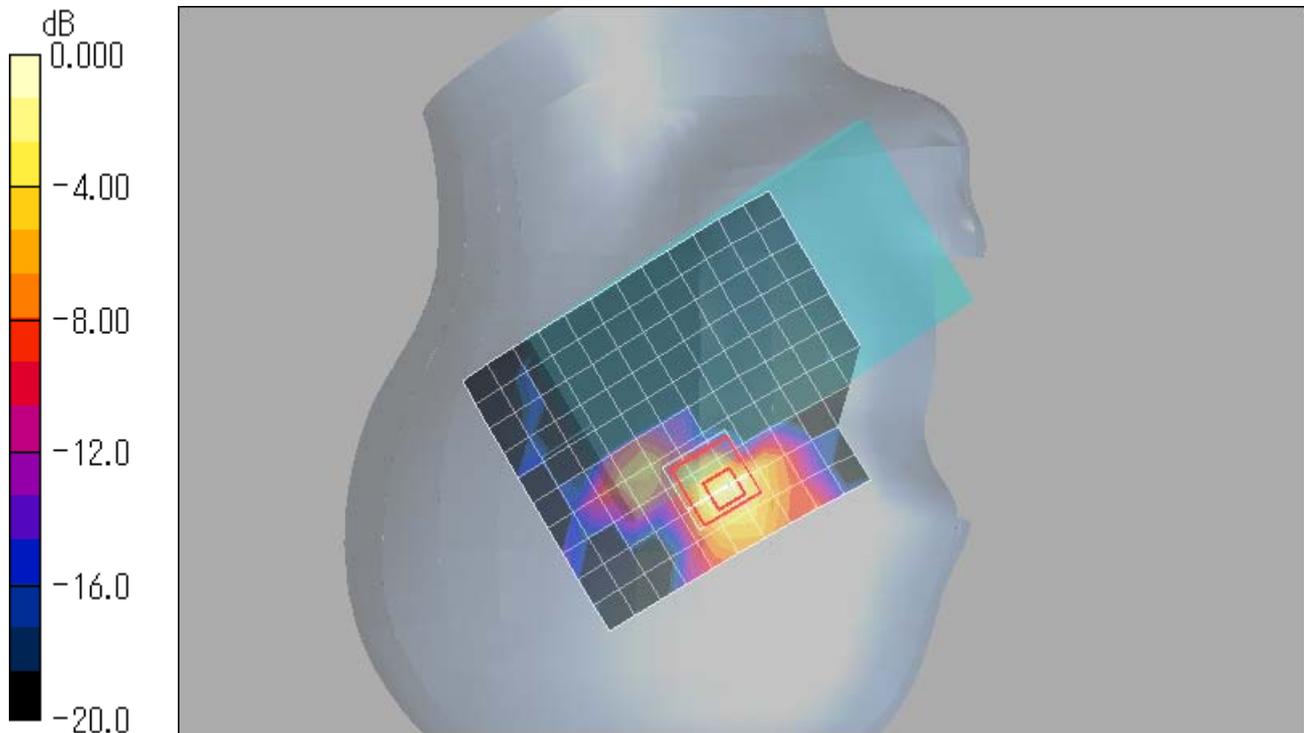
Right Tilted/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.20 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.00976 mW/g

Maximum value of SAR (measured) = 0.083 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 52ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.45$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(3.94, 3.94, 3.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Front Side/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.080 mW/g

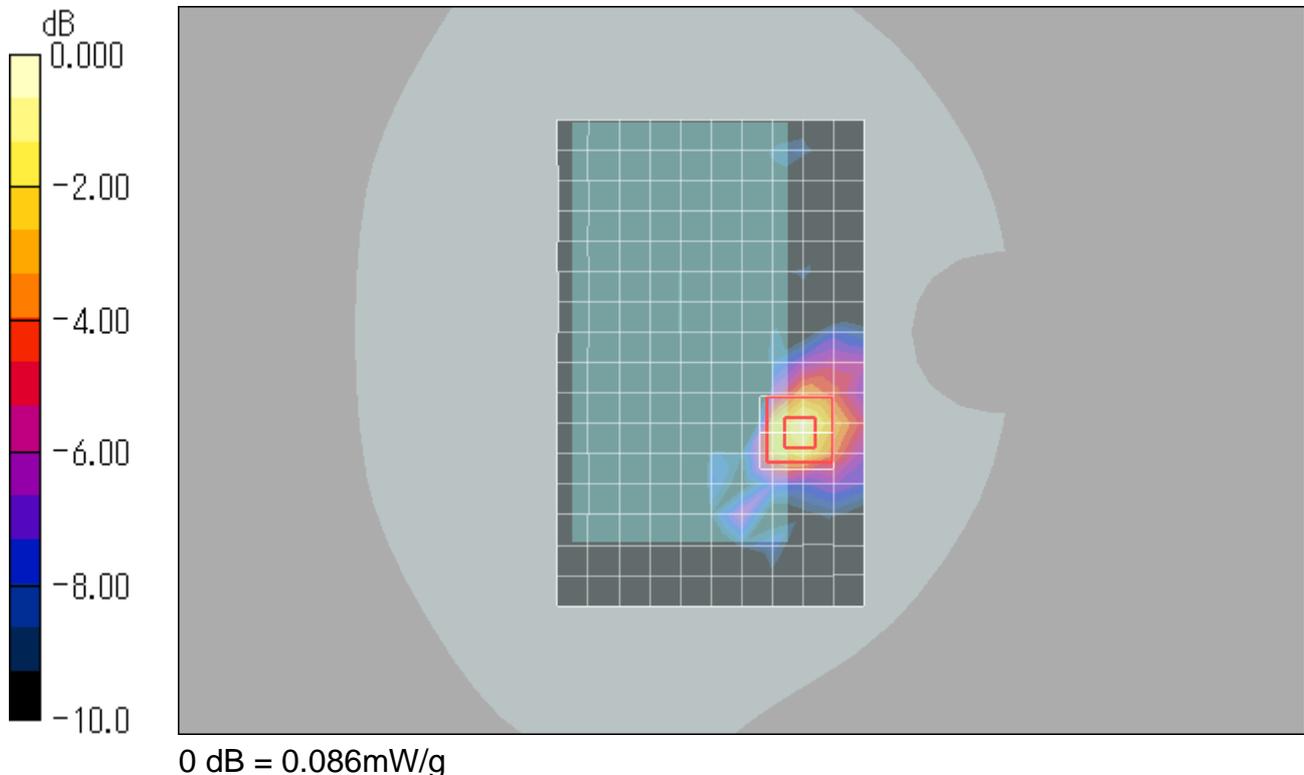
Front Side/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.38 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 52ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.45$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(3.94, 3.94, 3.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.234 mW/g

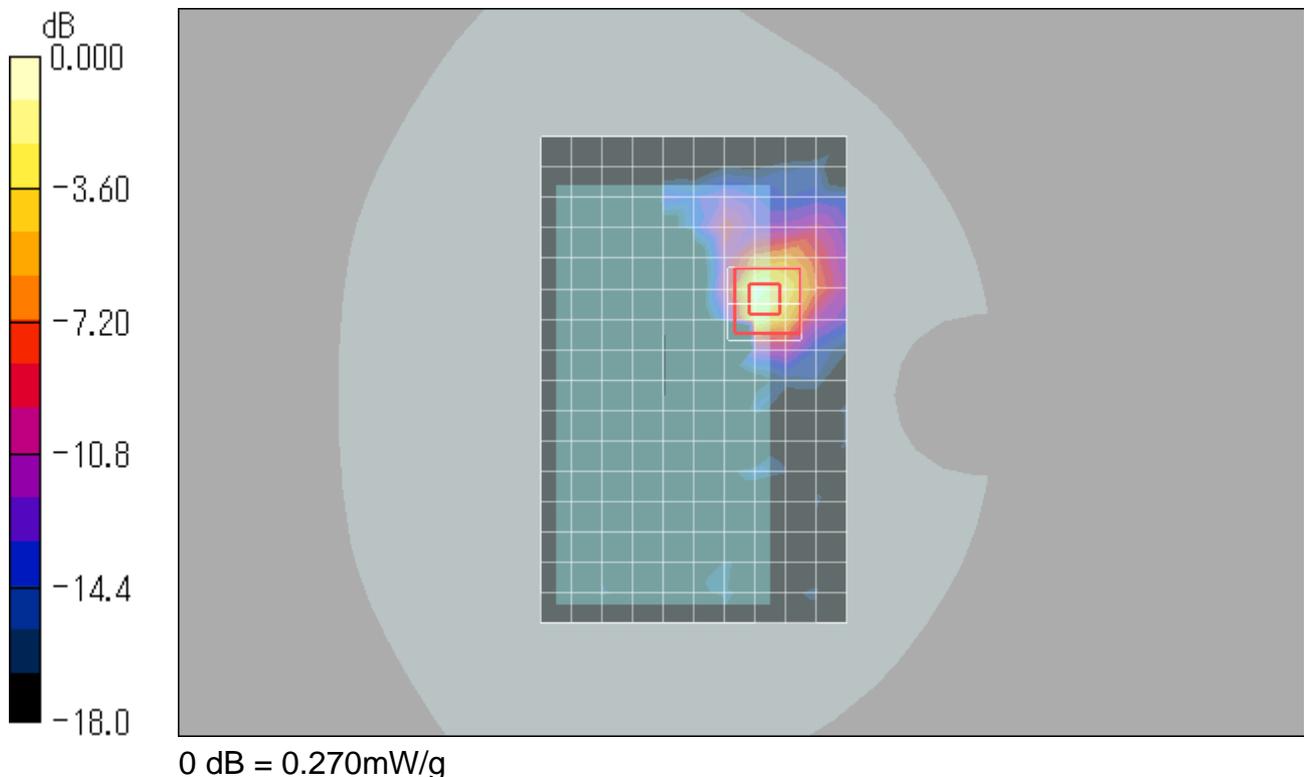
Rear Side/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.20 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.270 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 52ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.45$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³

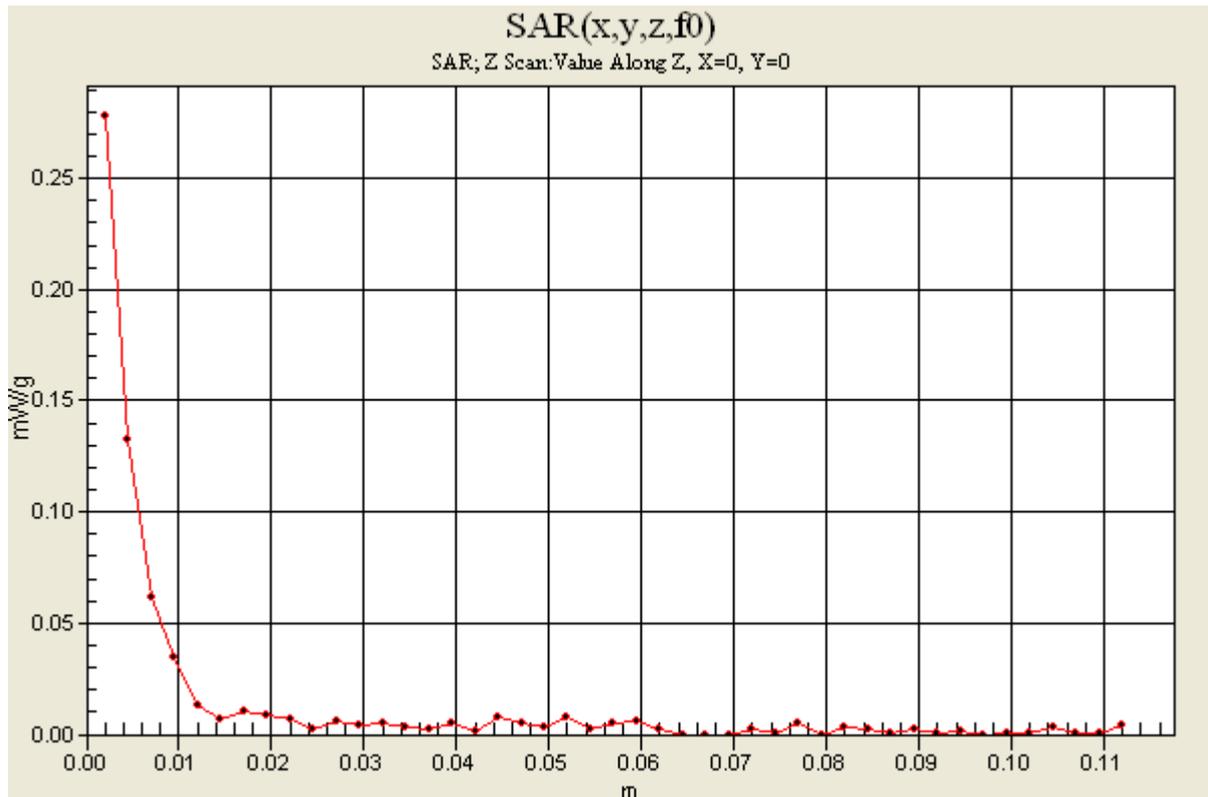
Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(3.94, 3.94, 3.94); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 0.278 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 104ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5520 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.03$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.55, 4.55, 4.55); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Touched/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.104 mW/g

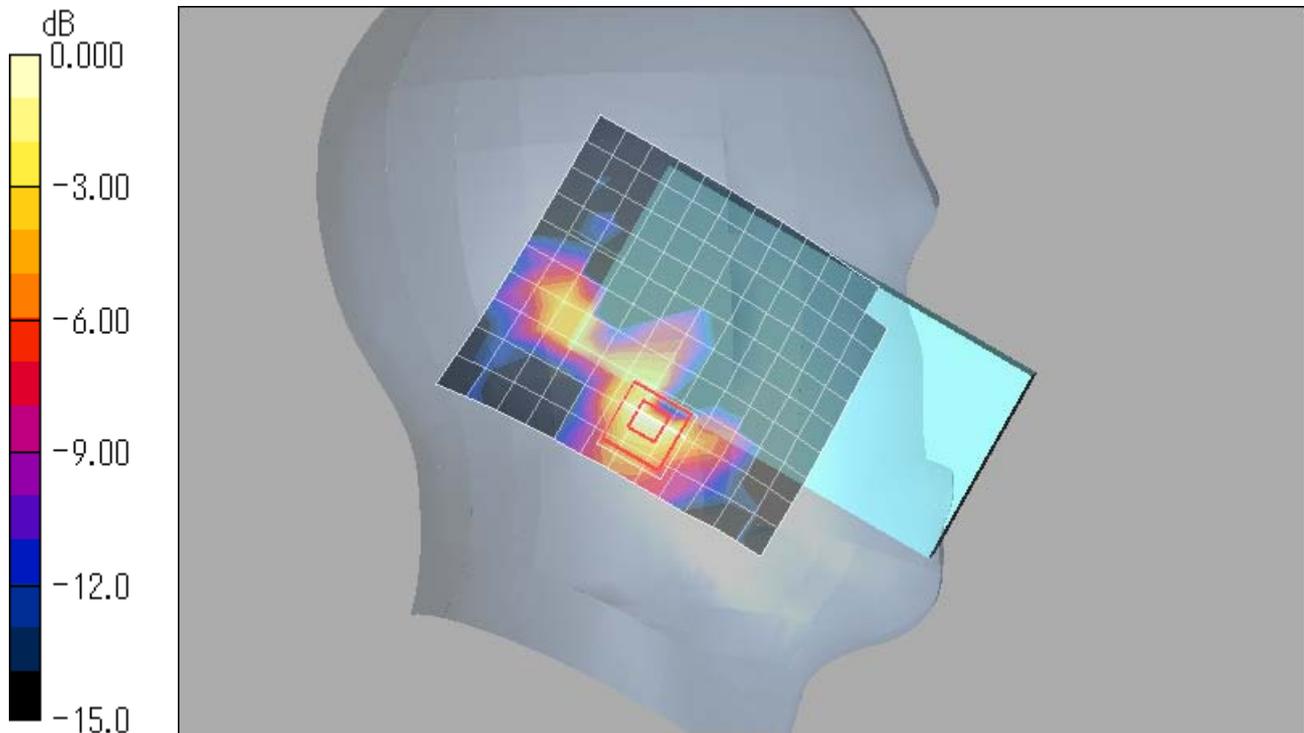
Left Touched/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.92 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.103 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 104ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5520 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.03$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.55, 4.55, 4.55); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Left Tilted/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.041 mW/g

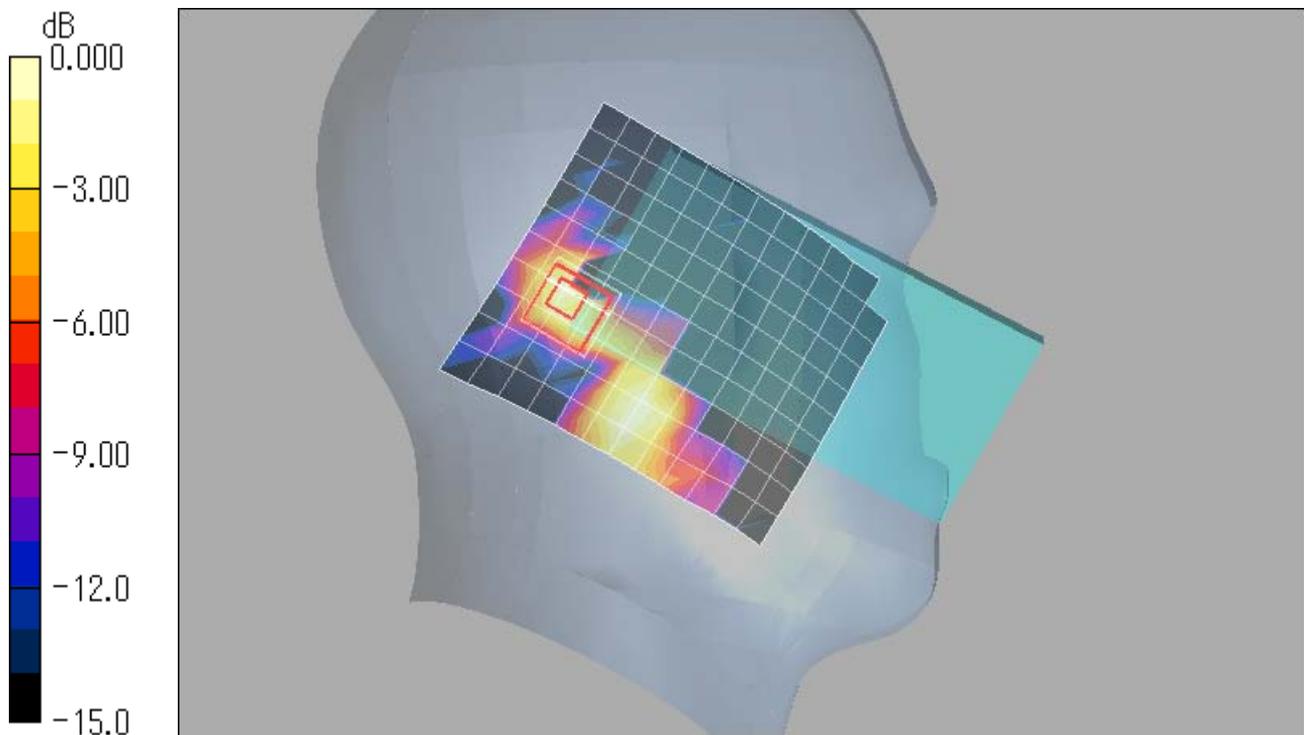
Left Tilted/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.76 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00707 mW/g

Maximum value of SAR (measured) = 0.043 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 104ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5520 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.03$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.55, 4.55, 4.55); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Touched/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.400 mW/g

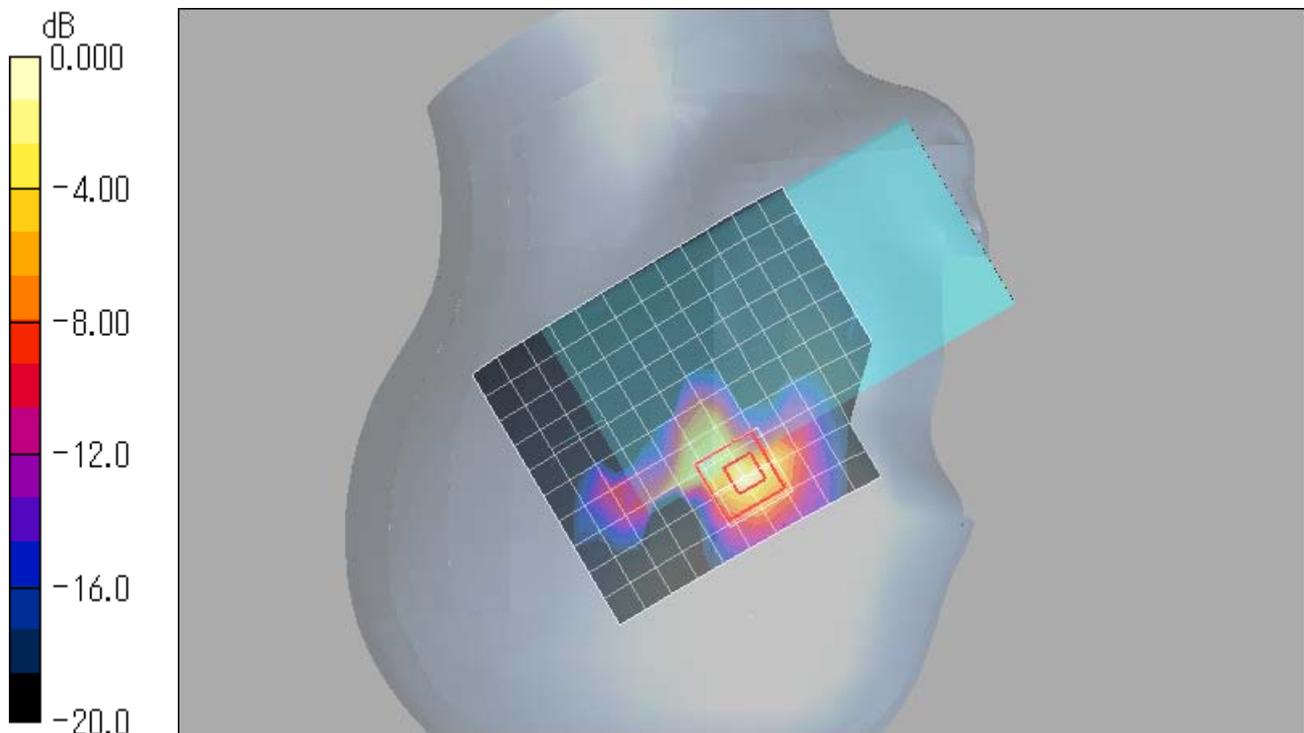
Right Touched/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.67 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.419 mW/g



0 dB = 0.419mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 104ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5520 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.03$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³

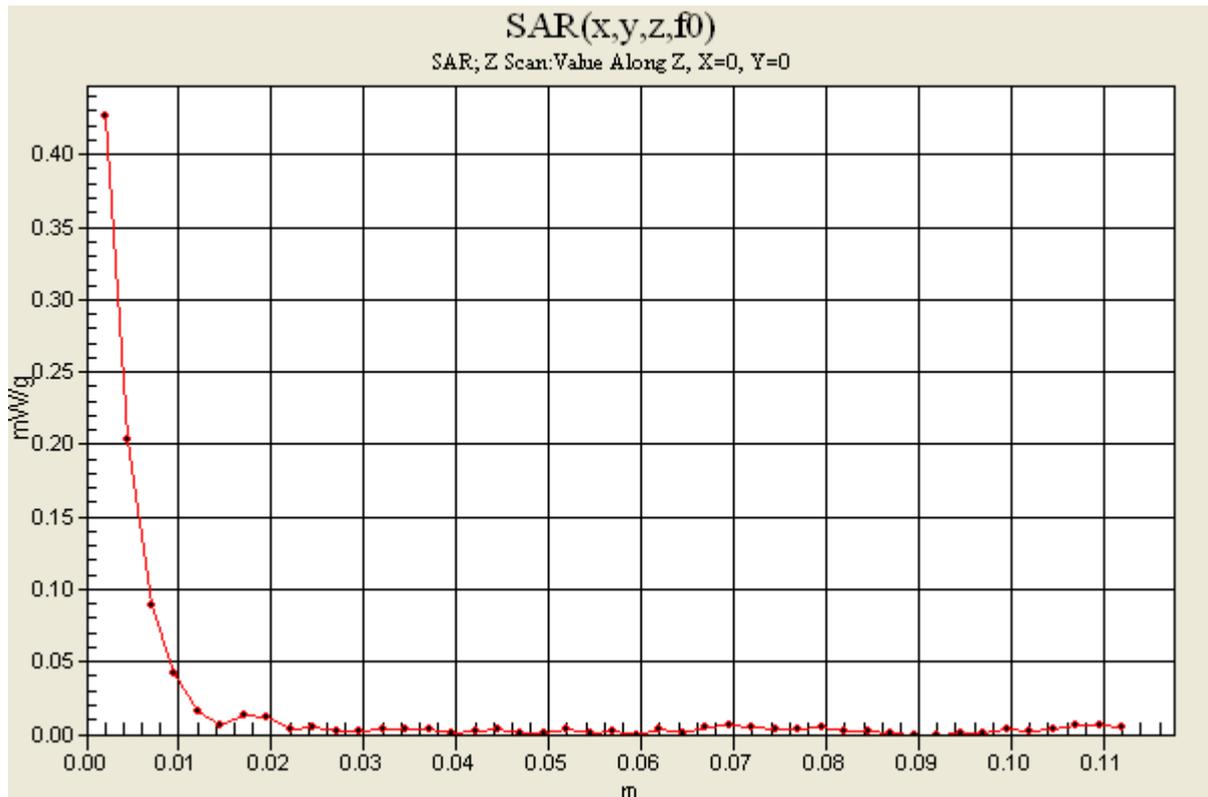
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.55, 4.55, 4.55); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 0.427 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 104ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5520 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.03$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.55, 4.55, 4.55); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Right Tilted/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.079 mW/g

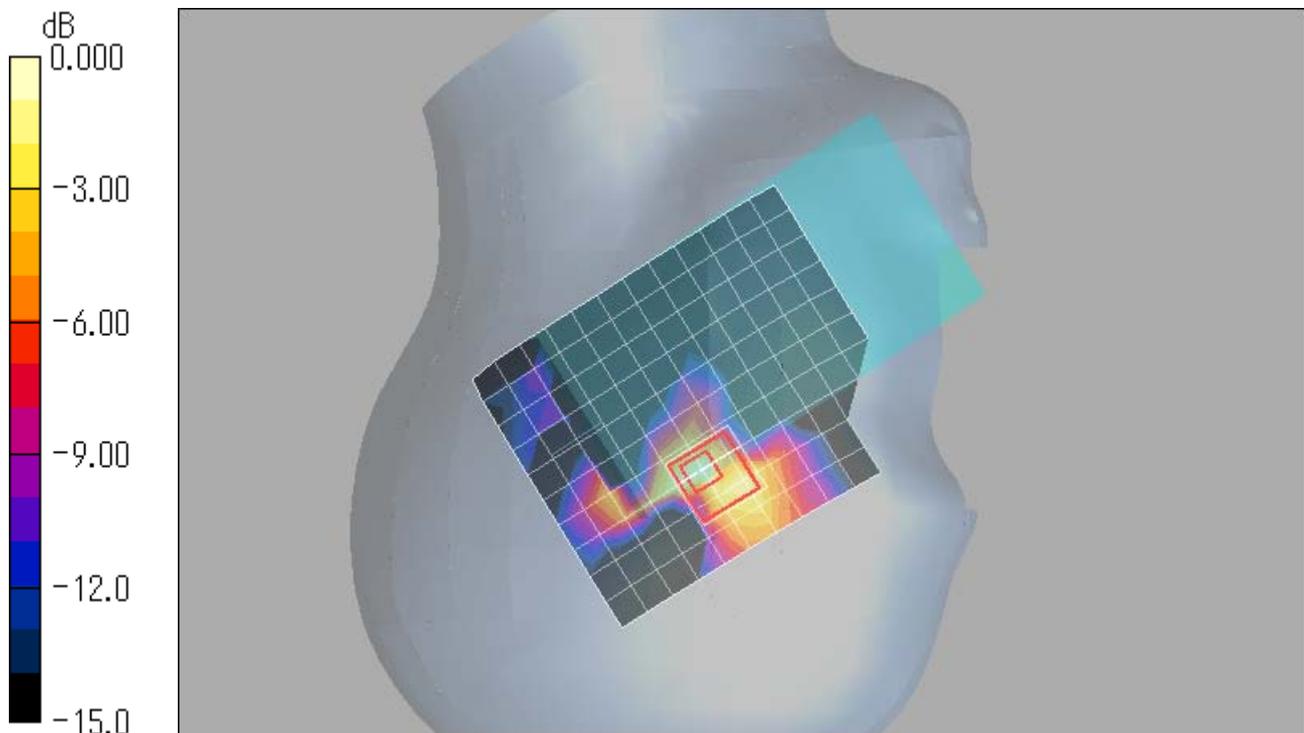
Right Tilted/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.72 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.080 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 104ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

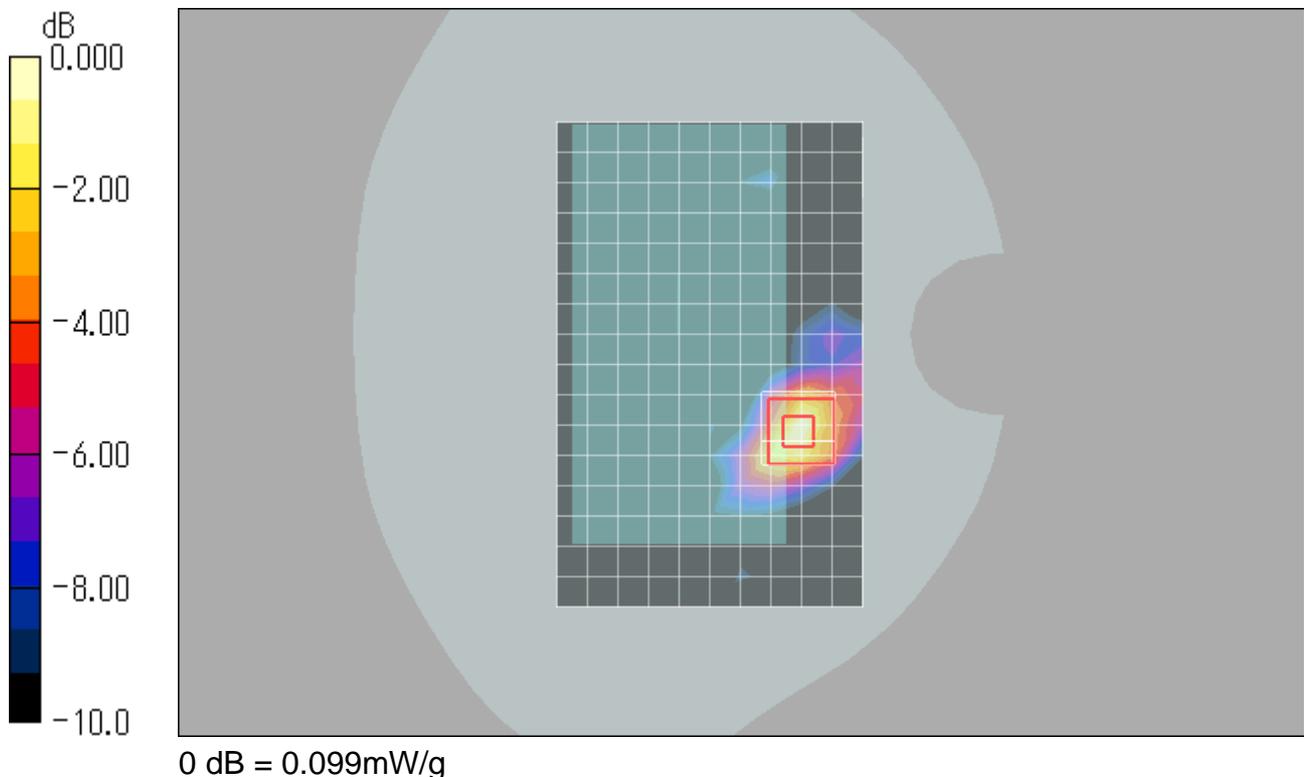
Communication System: WLAN; Frequency: 5520 MHz; Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5520$ MHz; $\sigma = 5.8$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Front Side/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.106 mW/g

Front Side/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.40 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.099 mW/g



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 104ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5520 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.8$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2012/11/05
- Phantom: SAM; Type: QD 000 P40 CA; Serial: 1200

Rear Side/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

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

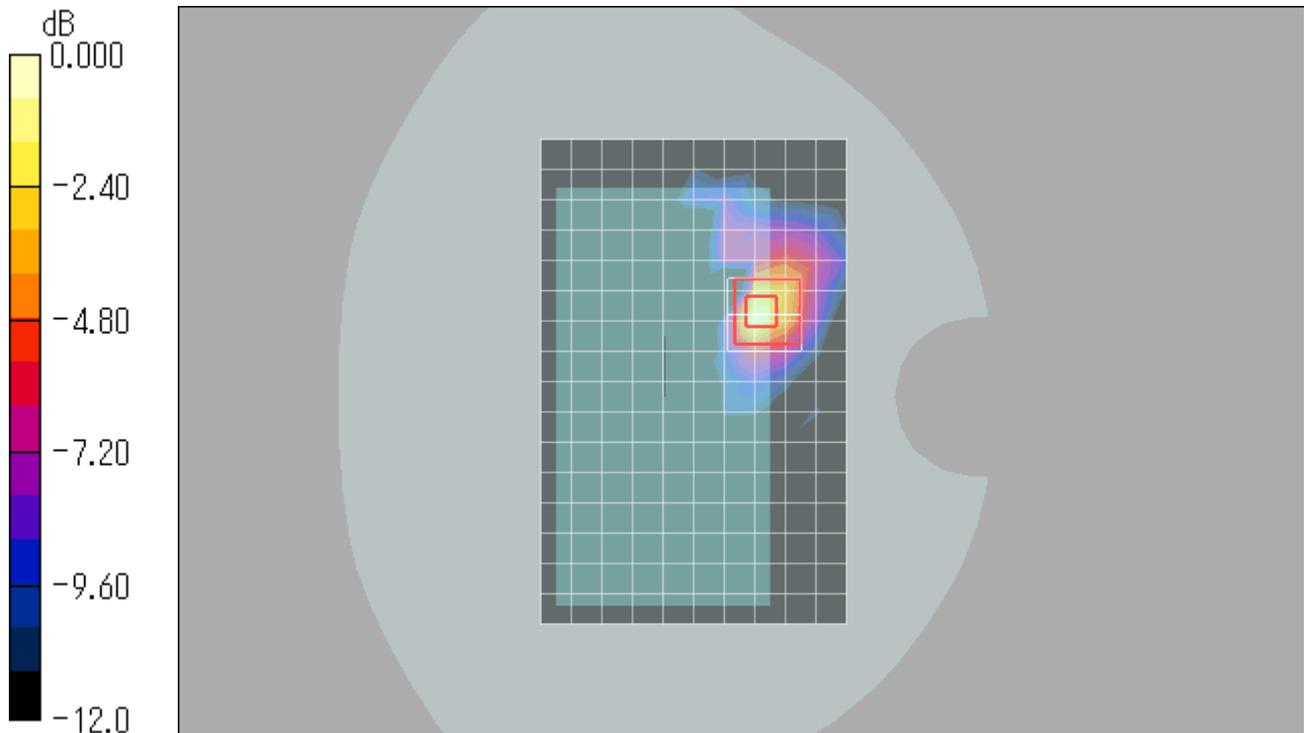
Rear Side/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.21 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.027 mW/g

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



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 104ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-06E; Serial: 004401114715176

Communication System: WLAN; Frequency: 5520 MHz; Duty Cycle: 1:1

Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.8$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/09/20
- Sensor-Surface: 2mm (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) = 0.209 mW/g

