Attachment 1 – System Validation Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head 835 MHz)

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

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

Medium: HSL900 Medium parameters used: f = 835 MHz; σ = 0.896 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Antenna Input Power 250 mW/Area Scan (5x5x1): Measurement grid: dx=20mm, dy=20mm
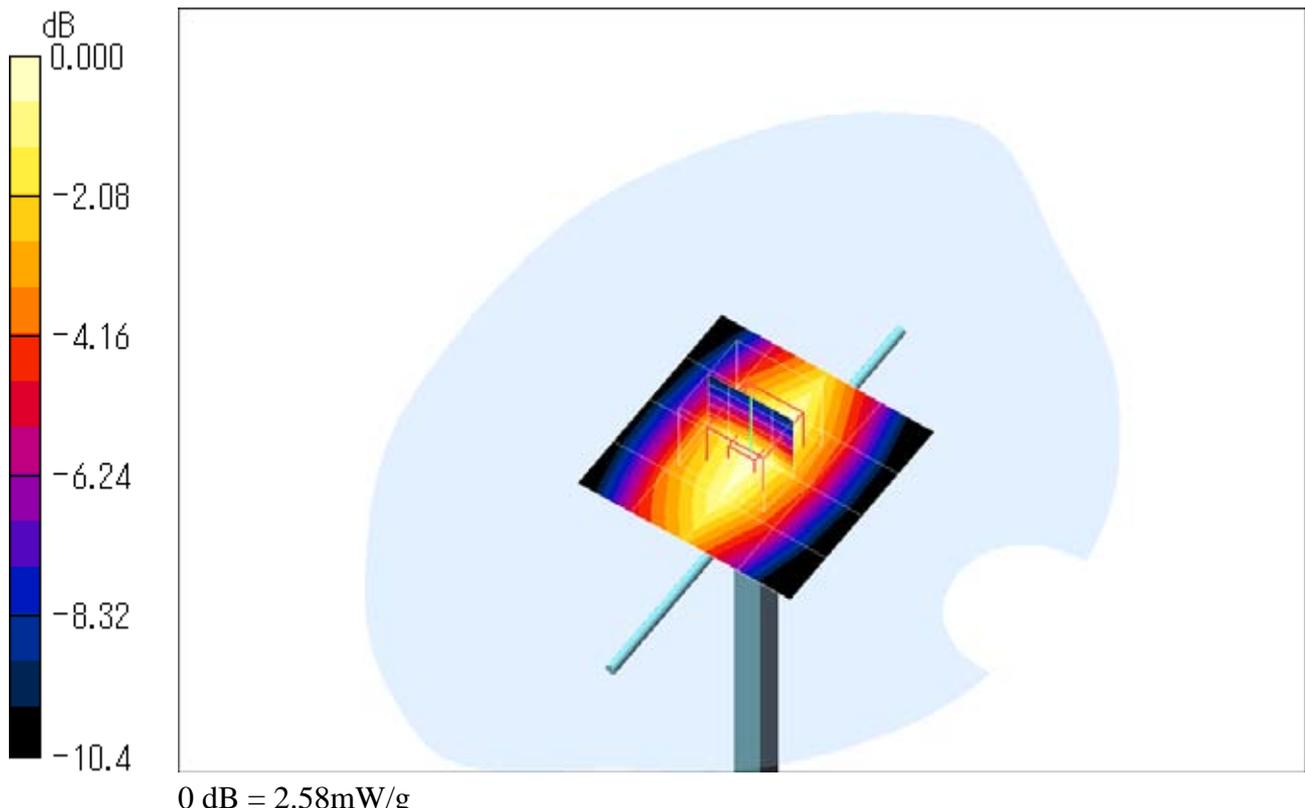Maximum value of SAR (measured) = 2.57 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.8 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 3.24 W/kg
SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (measured) = 2.58 mW/g

0 dB = 2.58mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body 835 MHz)

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

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

Medium: MSL900 Medium parameters used: f = 835 MHz; σ = 0.937 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Antenna Input Power 250 mW/Area Scan (5x5x1): Measurement grid: dx=20mm, dy=20mm
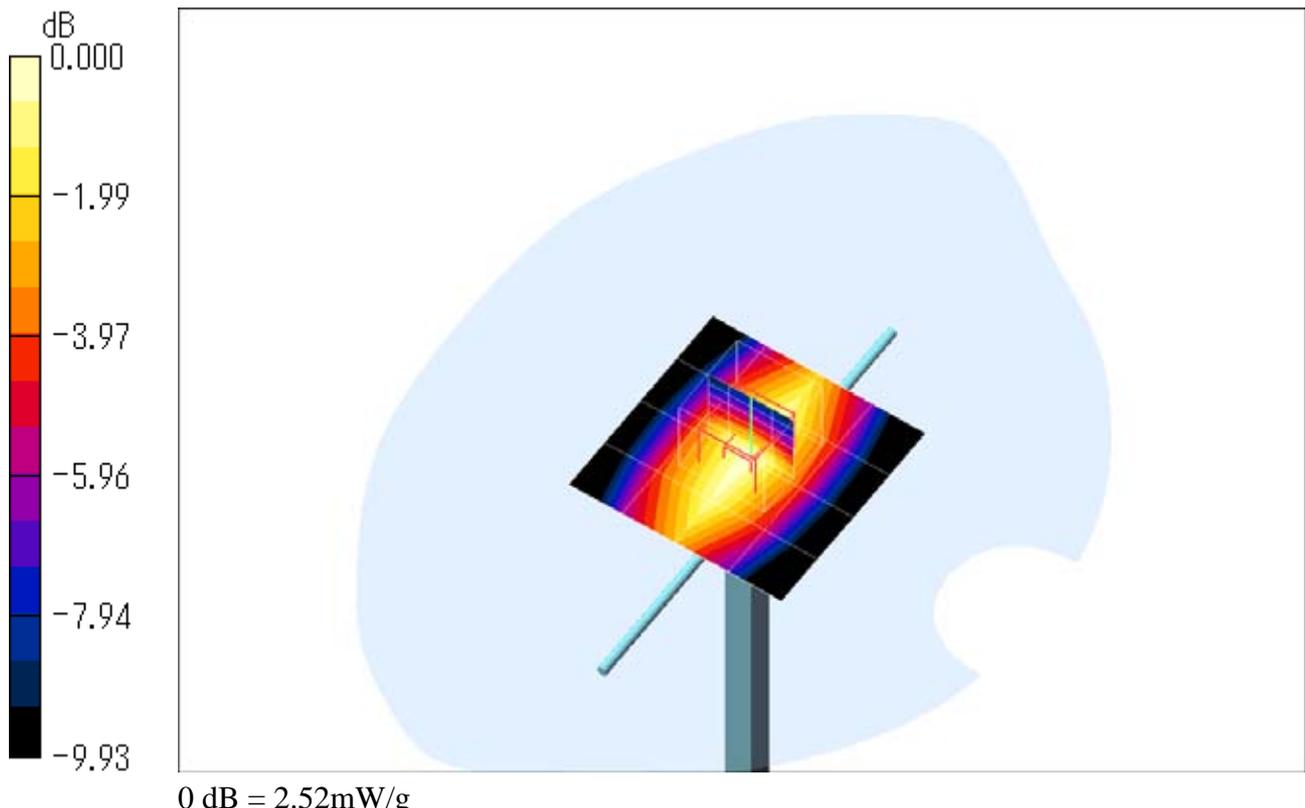Maximum value of SAR (measured) = 2.53 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.0 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (measured) = 2.52 mW/g

0 dB = 2.52mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head 1900 MHz)

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

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

Medium: HSL1900 Medium parameters used: f = 1900 MHz; σ = 1.43 mho/m; ε_r = 40.7; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Antenna Input Power 250 mW/Area Scan (5x5x1): Measurement grid: dx=20mm, dy=20mm
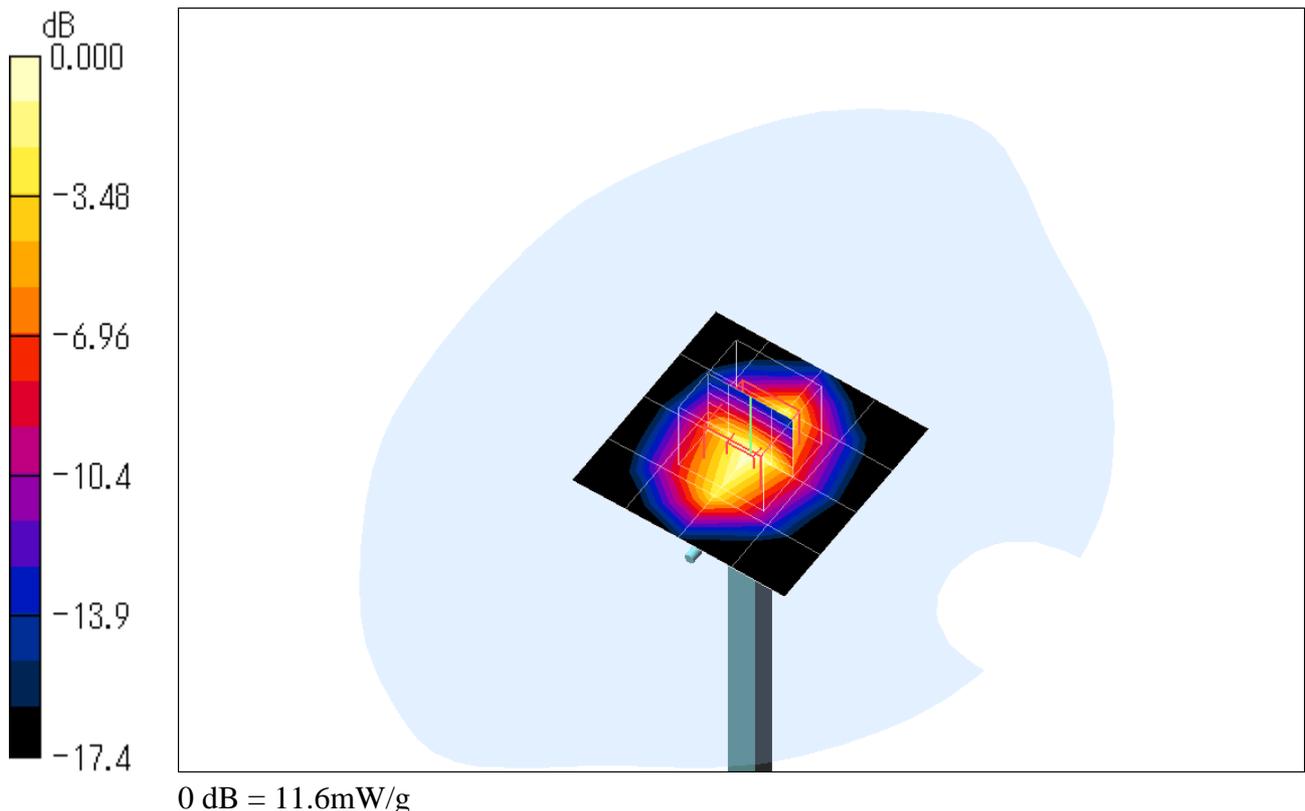Maximum value of SAR (measured) = 11.7 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.2 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.41 mW/g
Maximum value of SAR (measured) = 11.6 mW/g

0 dB = 11.6mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body 1900 MHz)

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

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1900 MHz; σ = 1.55 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Antenna Input Power 250 mW/Area Scan (5x5x1): Measurement grid: dx=20mm, dy=20mm
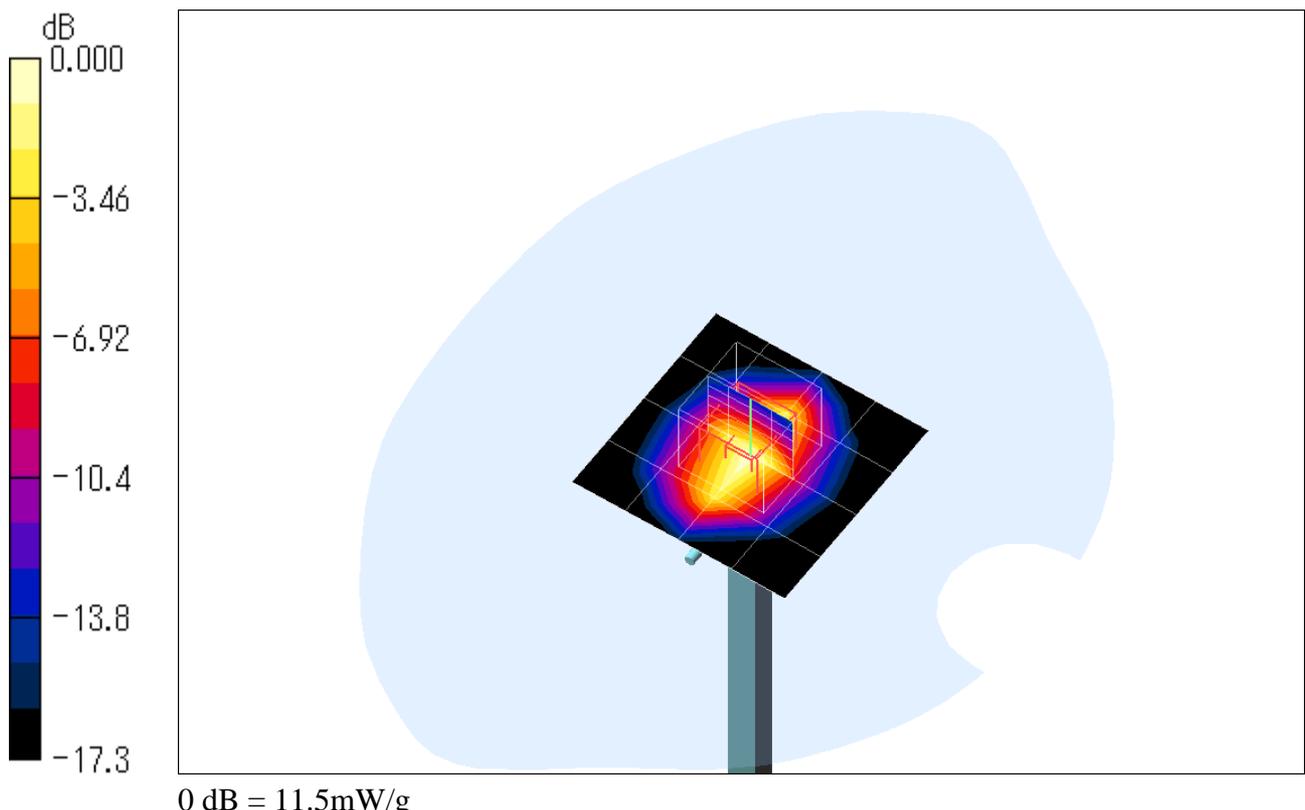Maximum value of SAR (measured) = 11.7 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 93.3 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.43 mW/g
Maximum value of SAR (measured) = 11.5 mW/g

0 dB = 11.5mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head 2450 MHz)

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

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2450 MHz; σ = 1.81 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Antenna Input Power 250 mW/Area Scan (5x5x1): Measurement grid: dx=20mm, dy=20mm
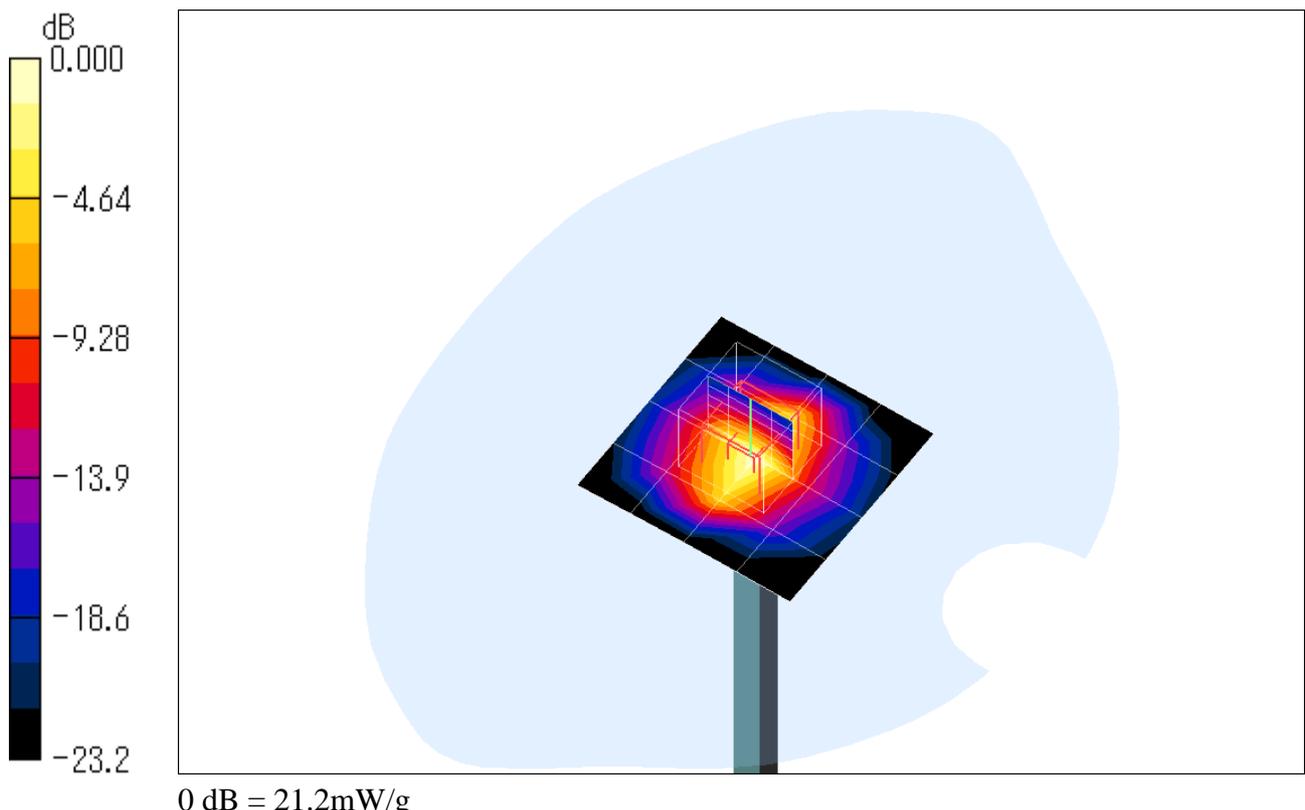Maximum value of SAR (measured) = 20.6 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 108.5 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 28.7 W/kg
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.19 mW/g
Maximum value of SAR (measured) = 21.2 mW/g

0 dB = 21.2mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body 2450 MHz)

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

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

Medium: MSL2450 Medium parameters used: f = 2450 MHz; σ = 1.94 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Antenna Input Power 250 mW/Area Scan (5x5x1): Measurement grid: dx=20mm, dy=20mm
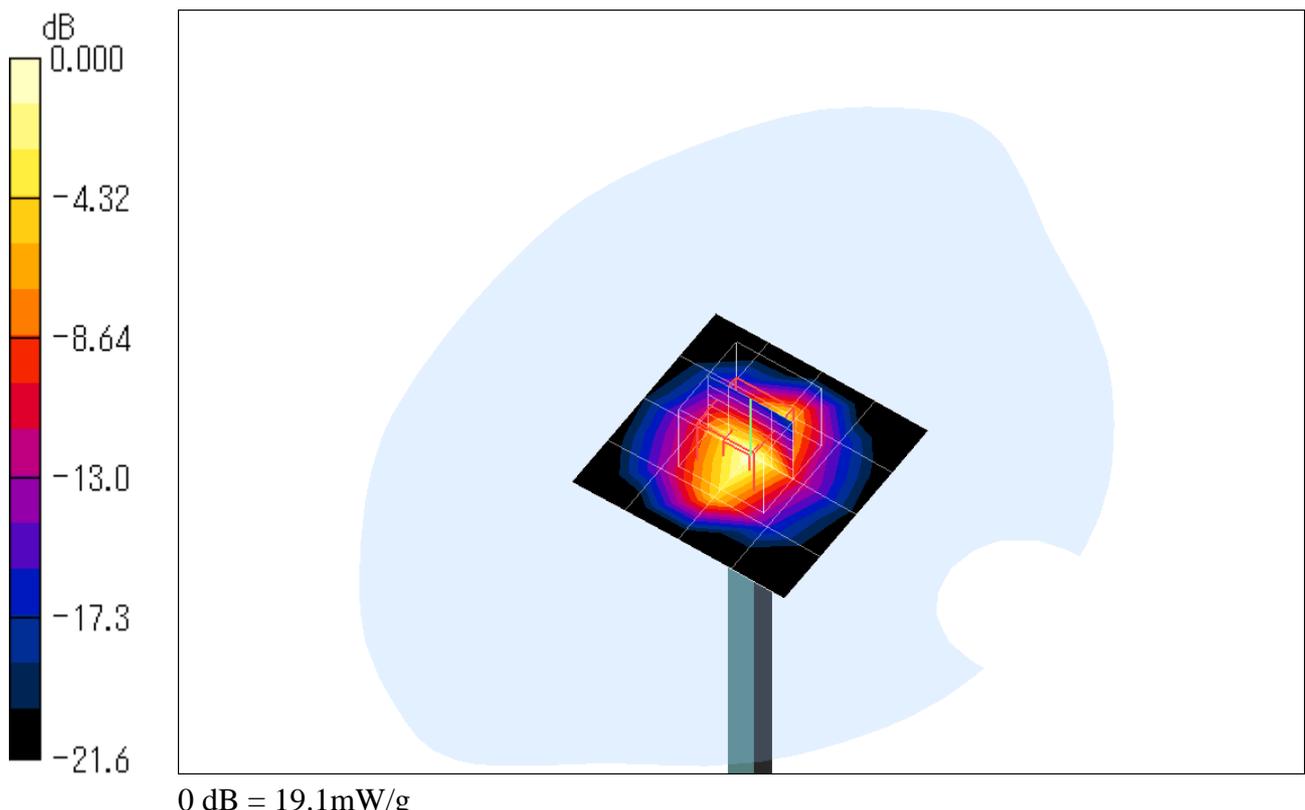Maximum value of SAR (measured) = 19.2 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.8 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 26.1 W/kg
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.97 mW/g
Maximum value of SAR (measured) = 19.1 mW/g

0 dB = 19.1mW/g

Attachment 2-1 – SAR Test Plots (WCDMA Band V)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4132ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1

Medium: HSL900 Medium parameters used: f = 826.4 MHz; σ = 0.879 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
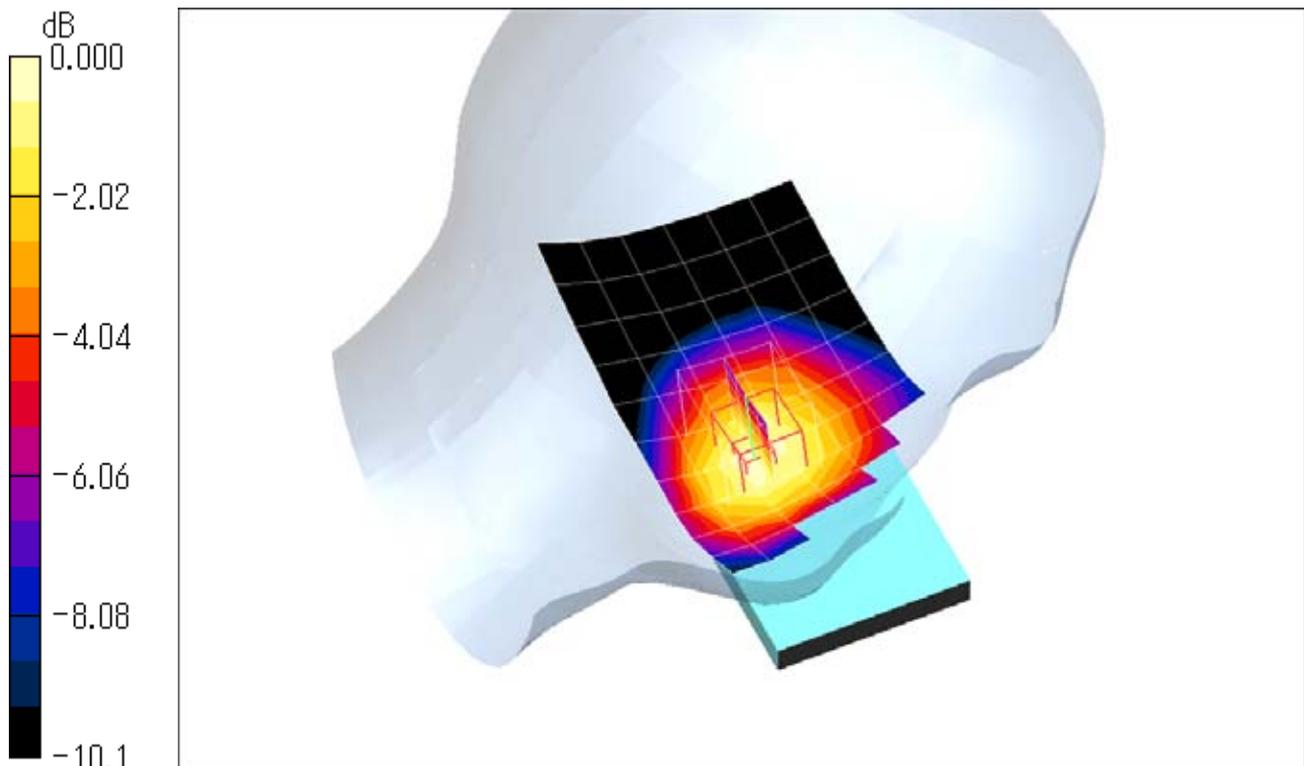Maximum value of SAR (measured) = 0.493 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.0 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.521 mW/g

0 dB = 0.521mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.889 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
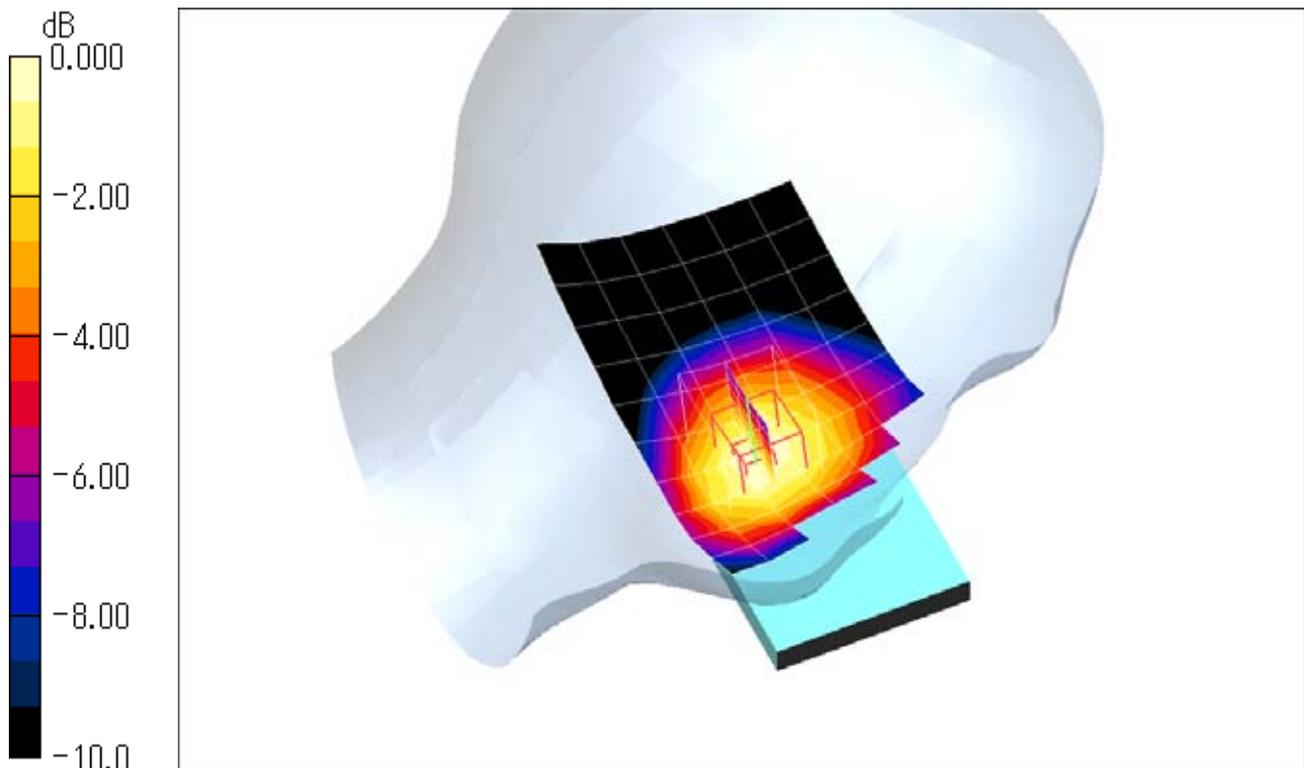Maximum value of SAR (measured) = 0.516 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.537 mW/g

0 dB = 0.537mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL900 Medium parameters used: f = 846.6 MHz; σ = 0.899 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
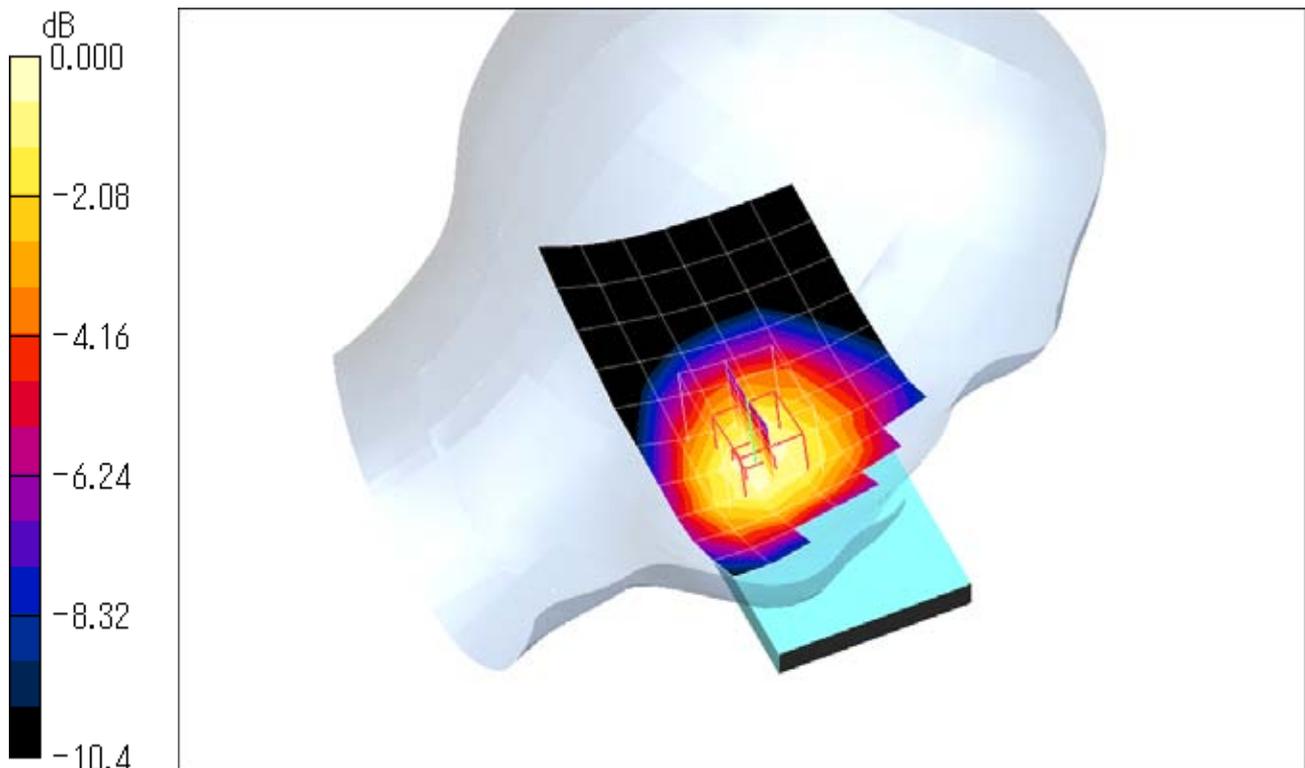Maximum value of SAR (measured) = 0.580 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.690 W/kg
SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.426 mW/g
Maximum value of SAR (measured) = 0.604 mW/g

0 dB = 0.604mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL900 Medium parameters used: f = 846.6 MHz; σ = 0.899 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
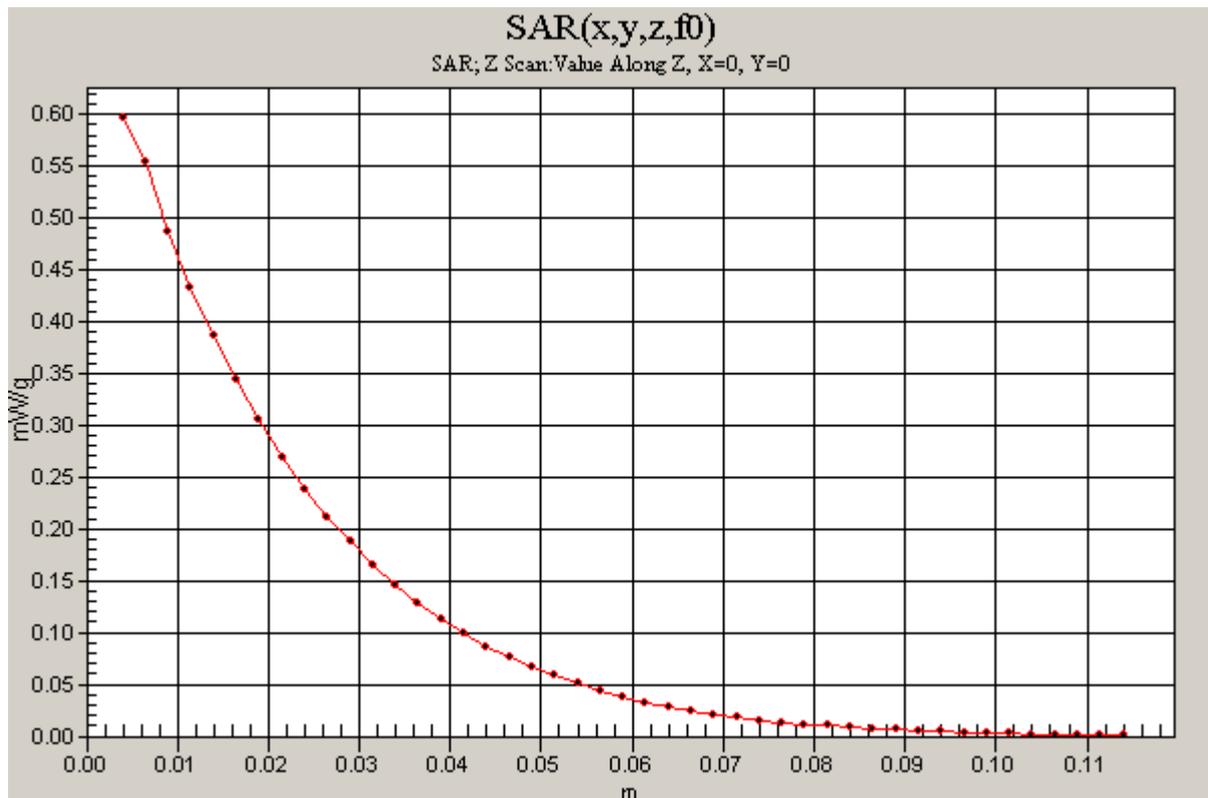
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.889 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Ear/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

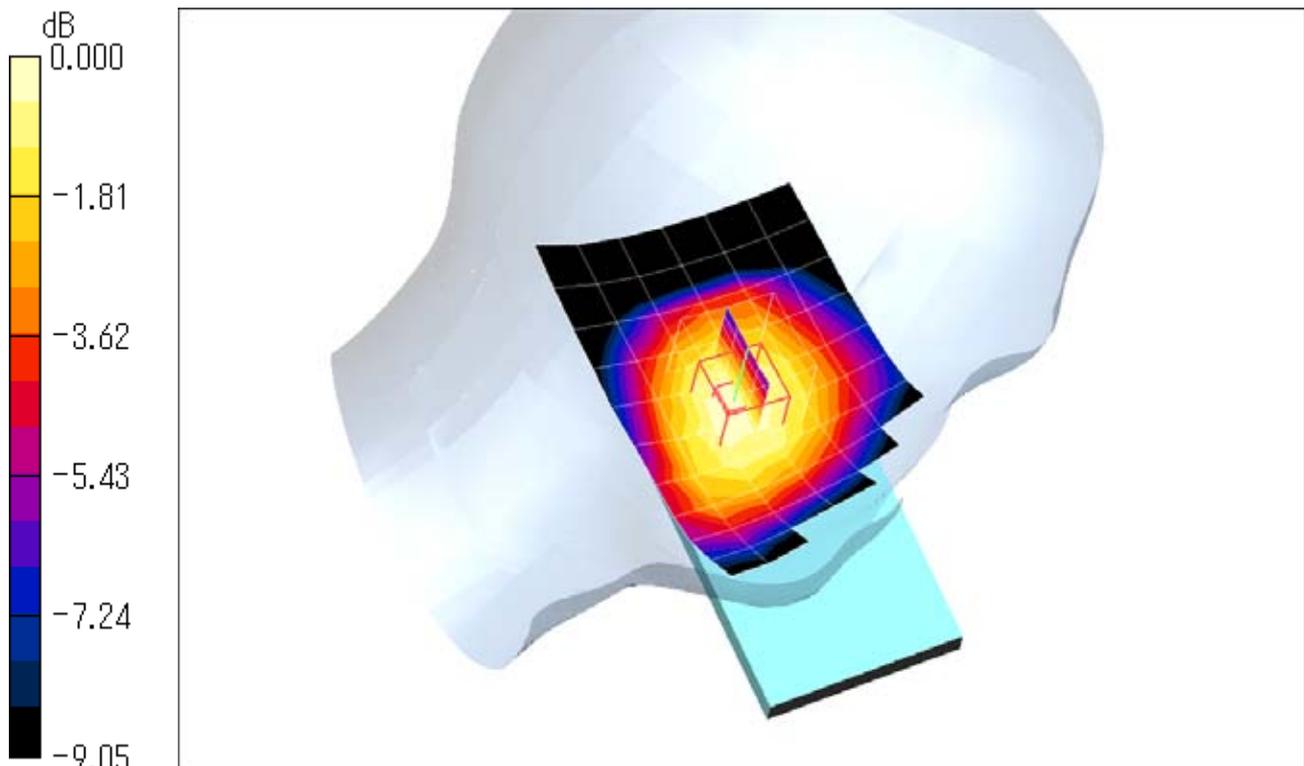Maximum value of SAR (measured) = 0.274 mW/g

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

Reference Value = 17.7 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.292 mW/g

0 dB = 0.292mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.889 mho/m; ϵ_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
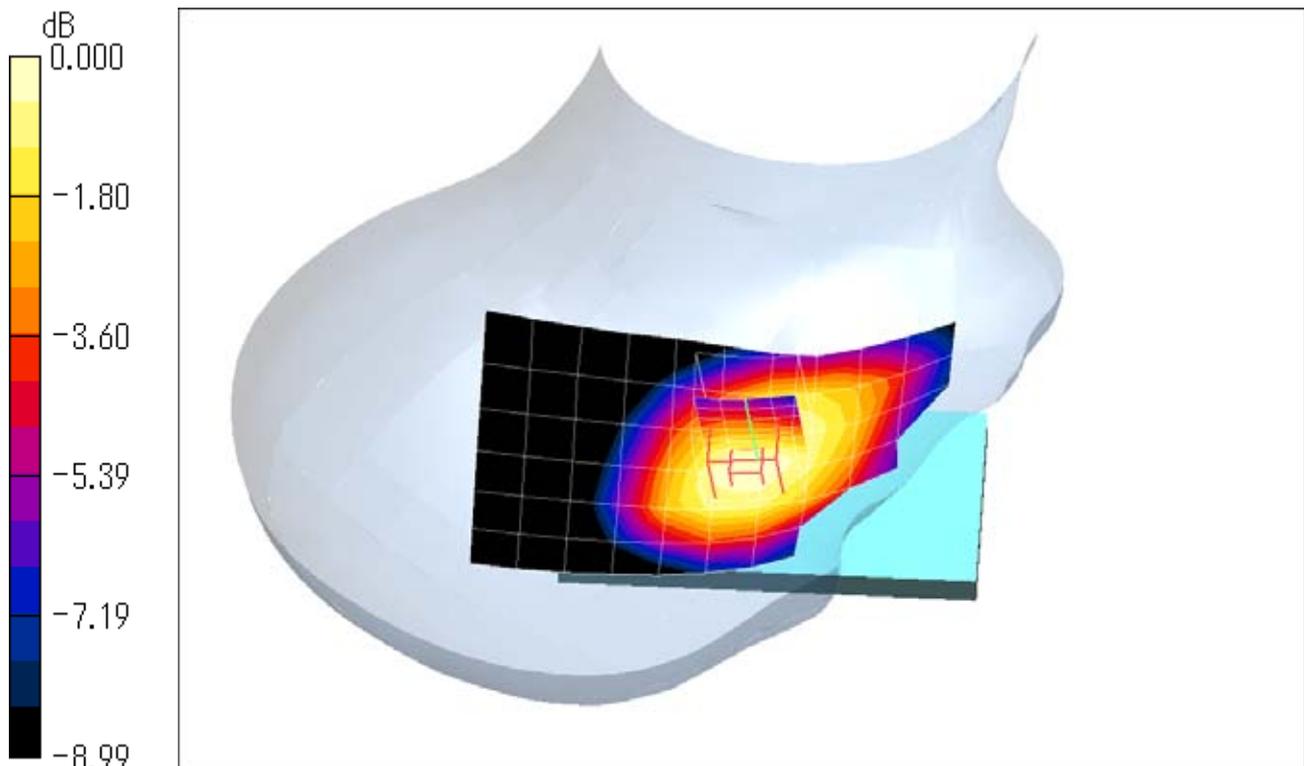Maximum value of SAR (measured) = 0.414 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.421 mW/g

0 dB = 0.421mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\varepsilon_r = 40.9$; $\rho = 1000$ kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Ear/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
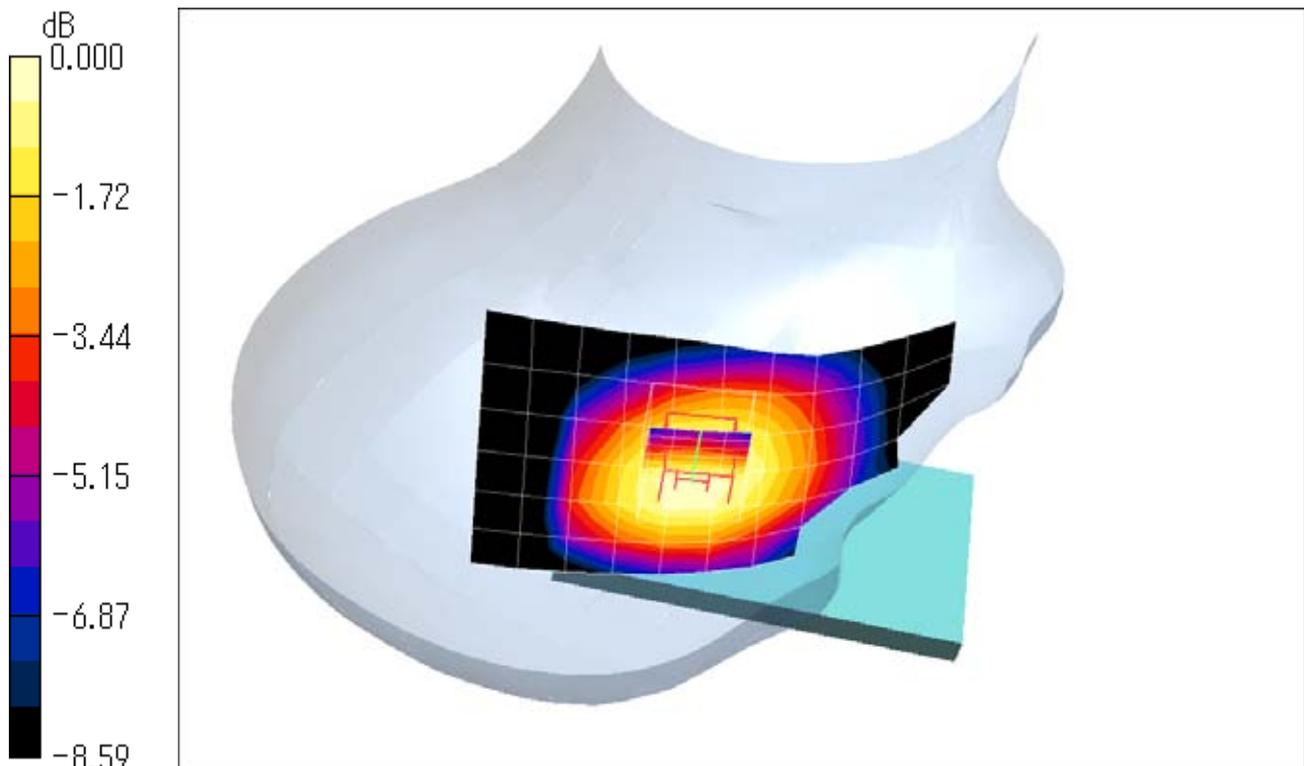Maximum value of SAR (measured) = 0.252 mW/g

Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.257 mW/g

0 dB = 0.257mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Bottom Edge/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
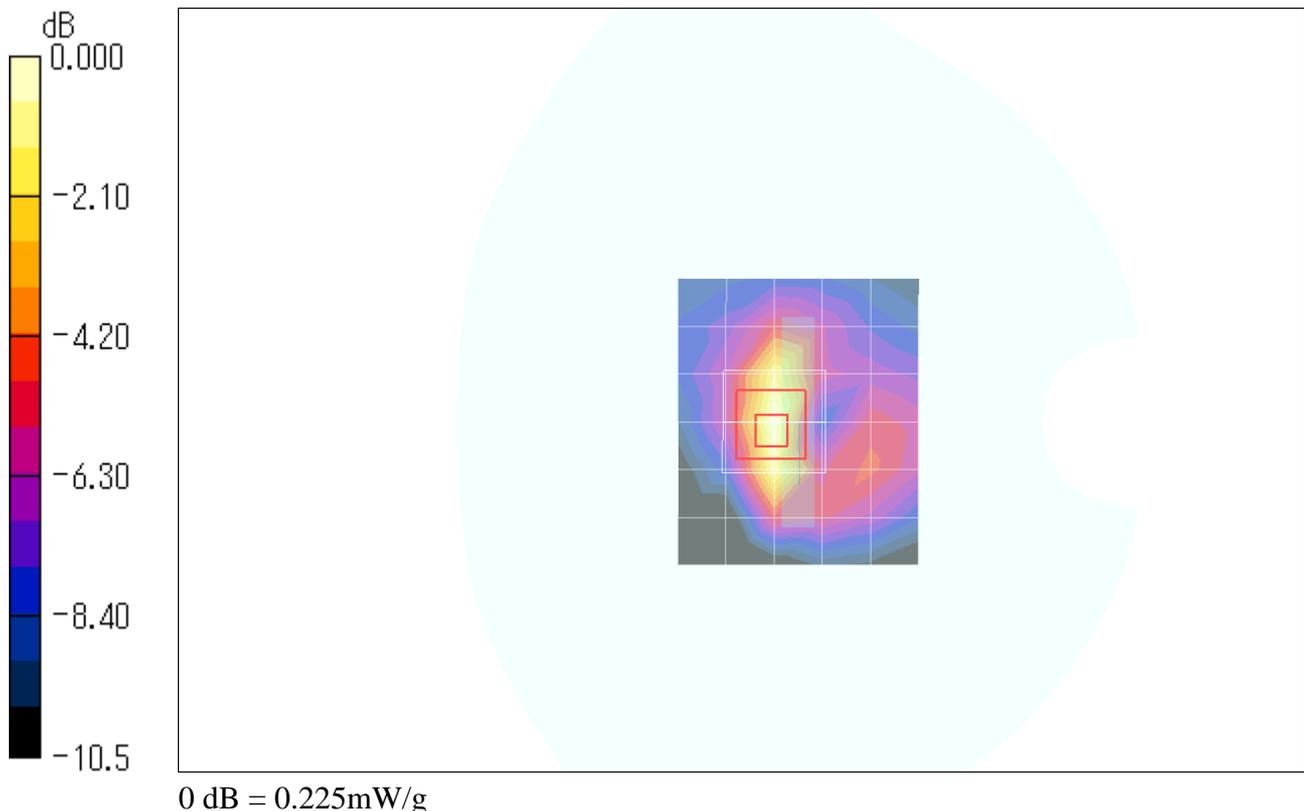Maximum value of SAR (measured) = 0.222 mW/g

Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.225 mW/g

0 dB = 0.225mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Left Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
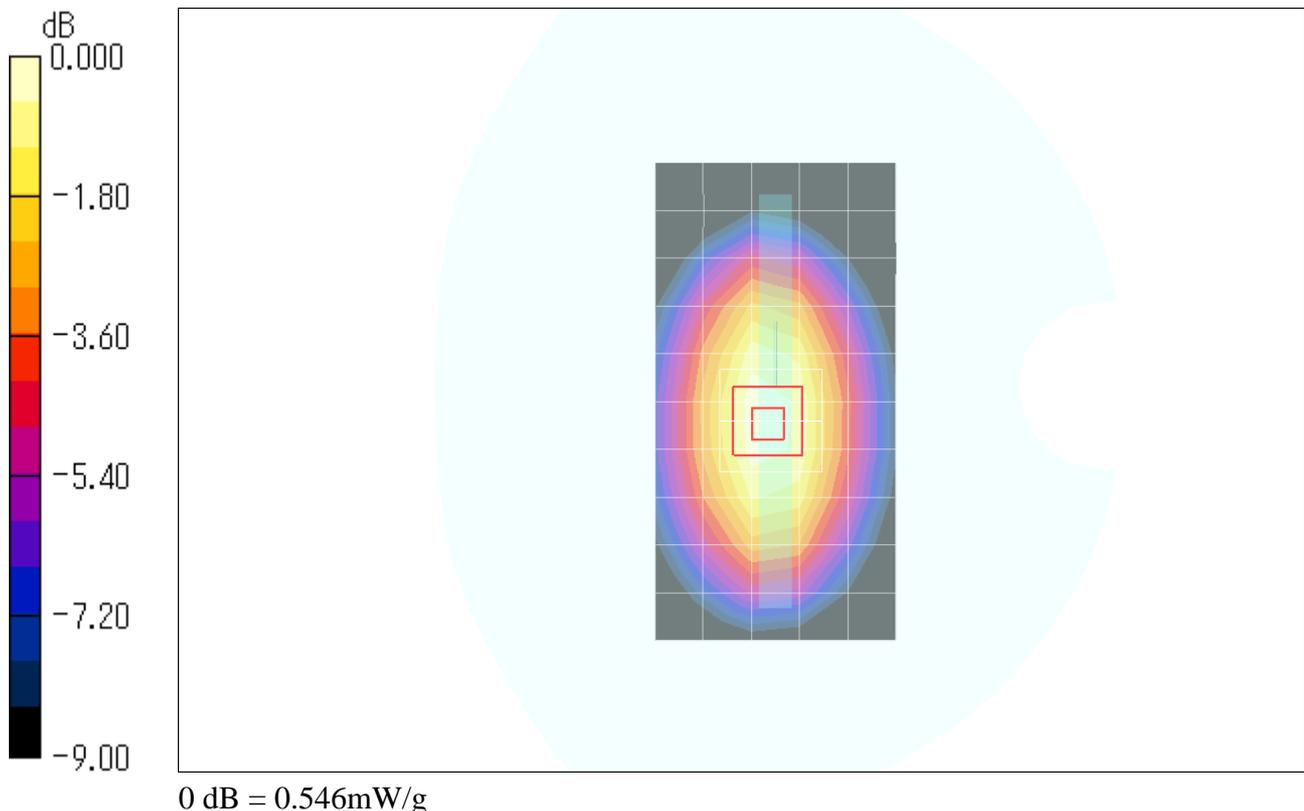Maximum value of SAR (measured) = 0.523 mW/g

Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.0 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.546 mW/g

0 dB = 0.546mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Right Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
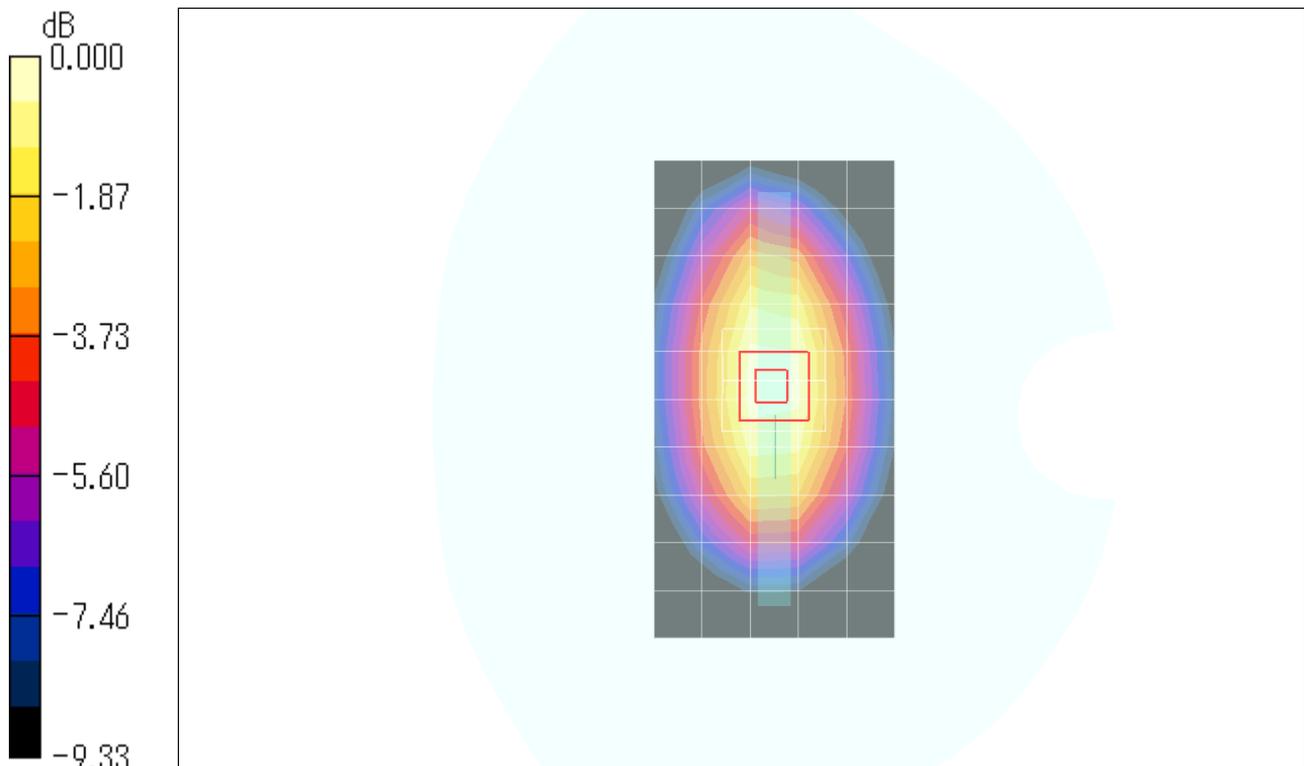Maximum value of SAR (measured) = 0.454 mW/g

Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.0 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.493 mW/g

0 dB = 0.493mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
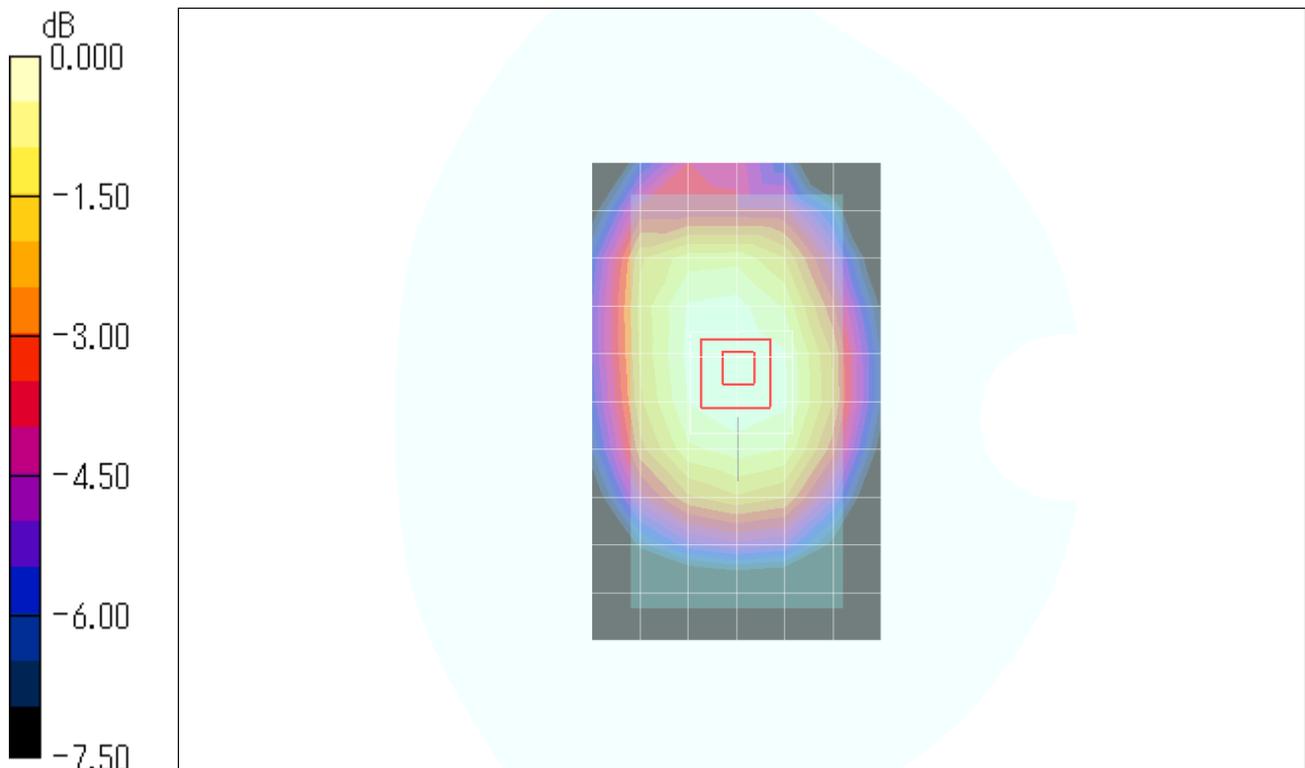Maximum value of SAR (measured) = 0.552 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.604 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.555 mW/g

0 dB = 0.555mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4132ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1

Medium: MSL900 Medium parameters used: f = 826.4 MHz; σ = 0.928 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
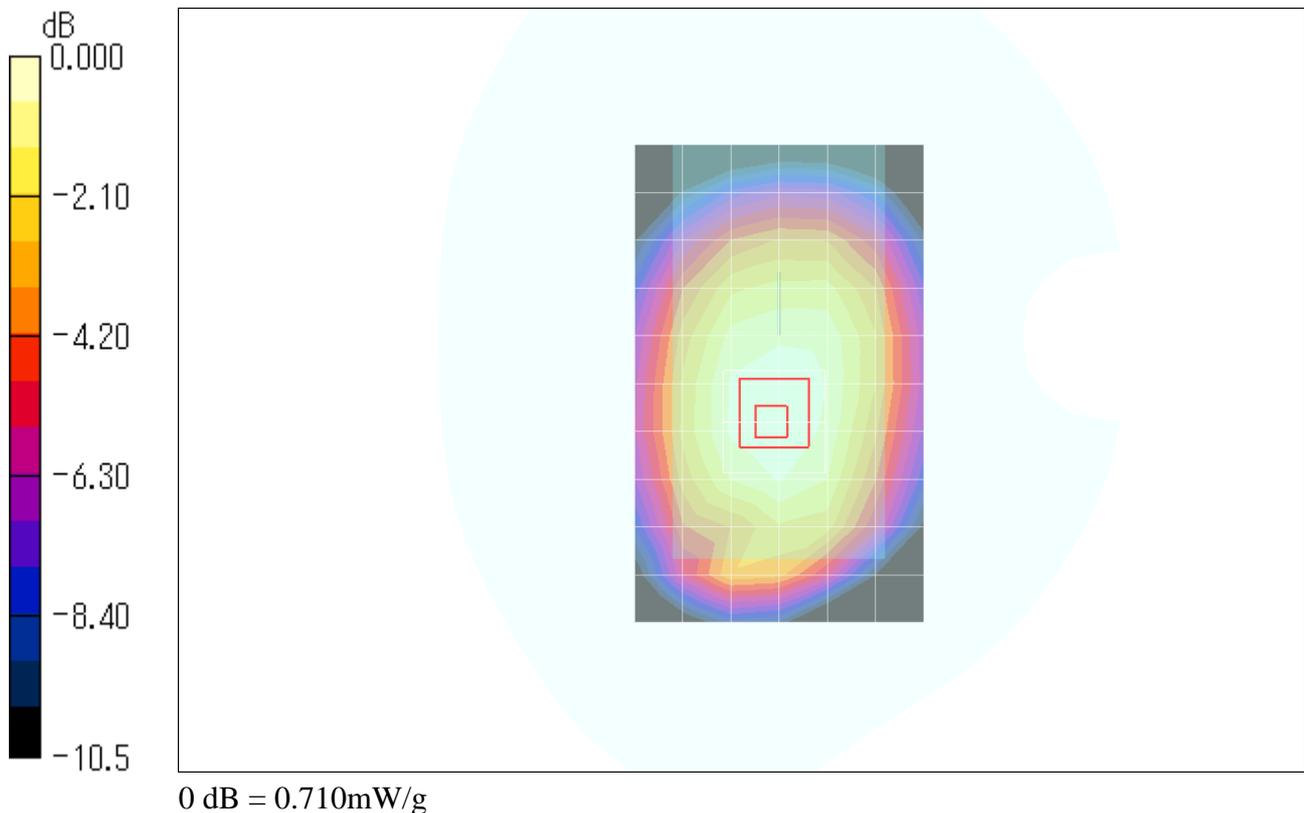Maximum value of SAR (measured) = 0.711 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.7 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.784 W/kg
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 0.710 mW/g

0 dB = 0.710mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4132ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used: f = 826.4 MHz; σ = 0.928 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
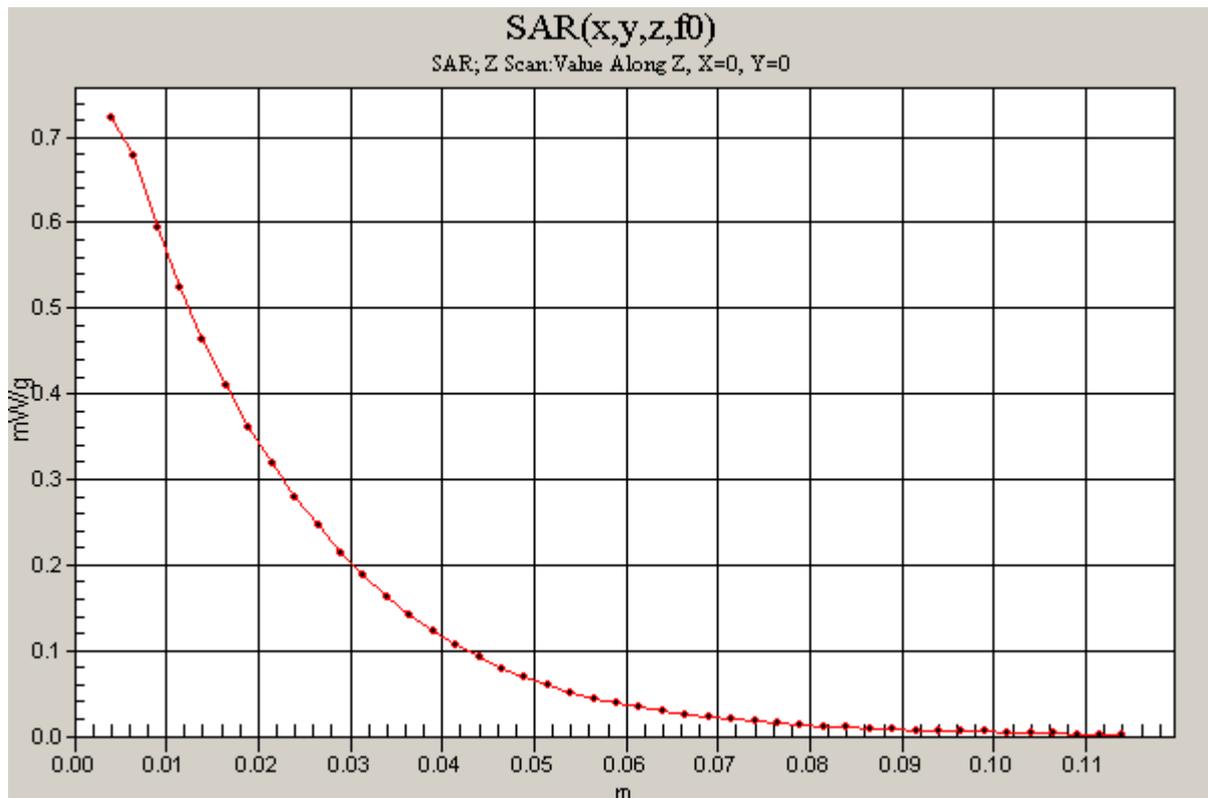
Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (measured) = 0.723 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
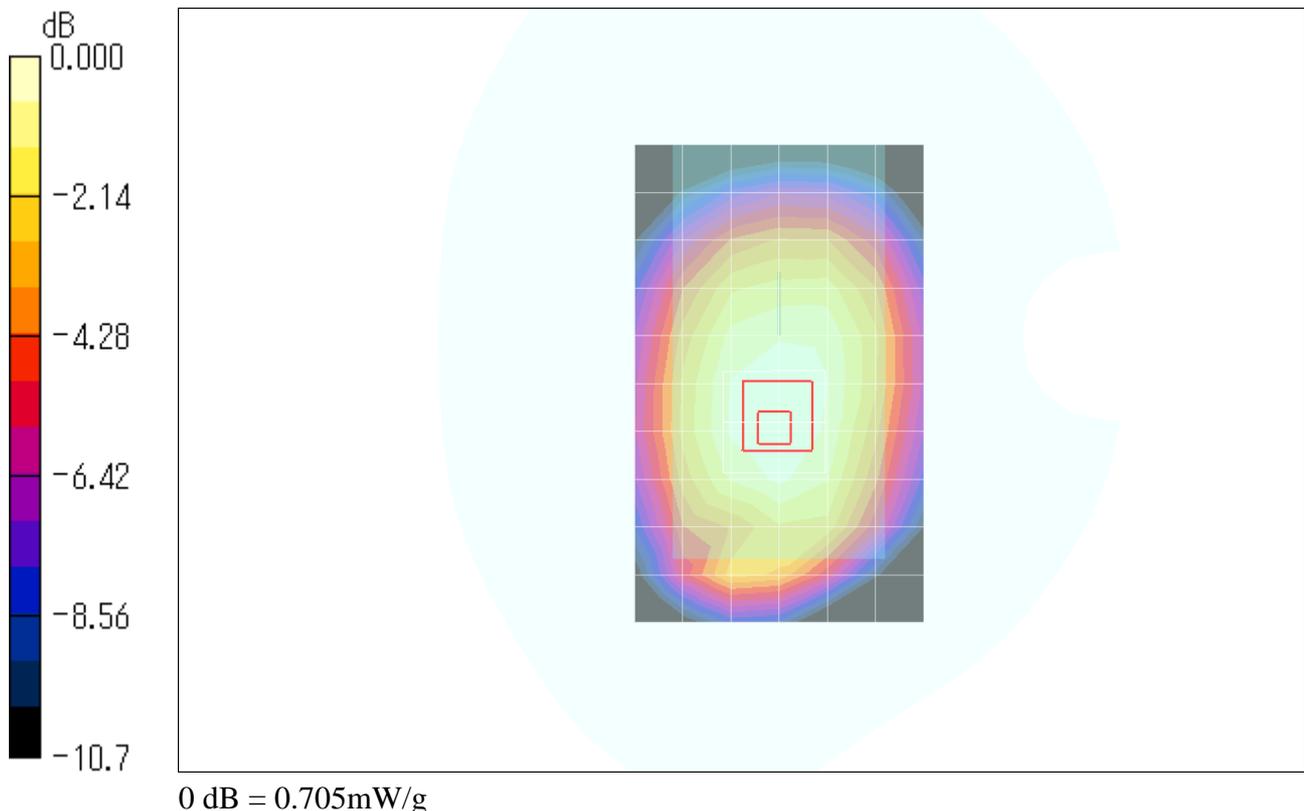Maximum value of SAR (measured) = 0.708 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.785 W/kg
SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.520 mW/g
Maximum value of SAR (measured) = 0.705 mW/g

0 dB = 0.705mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: MSL900 Medium parameters used: f = 846.6 MHz; σ = 0.949 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
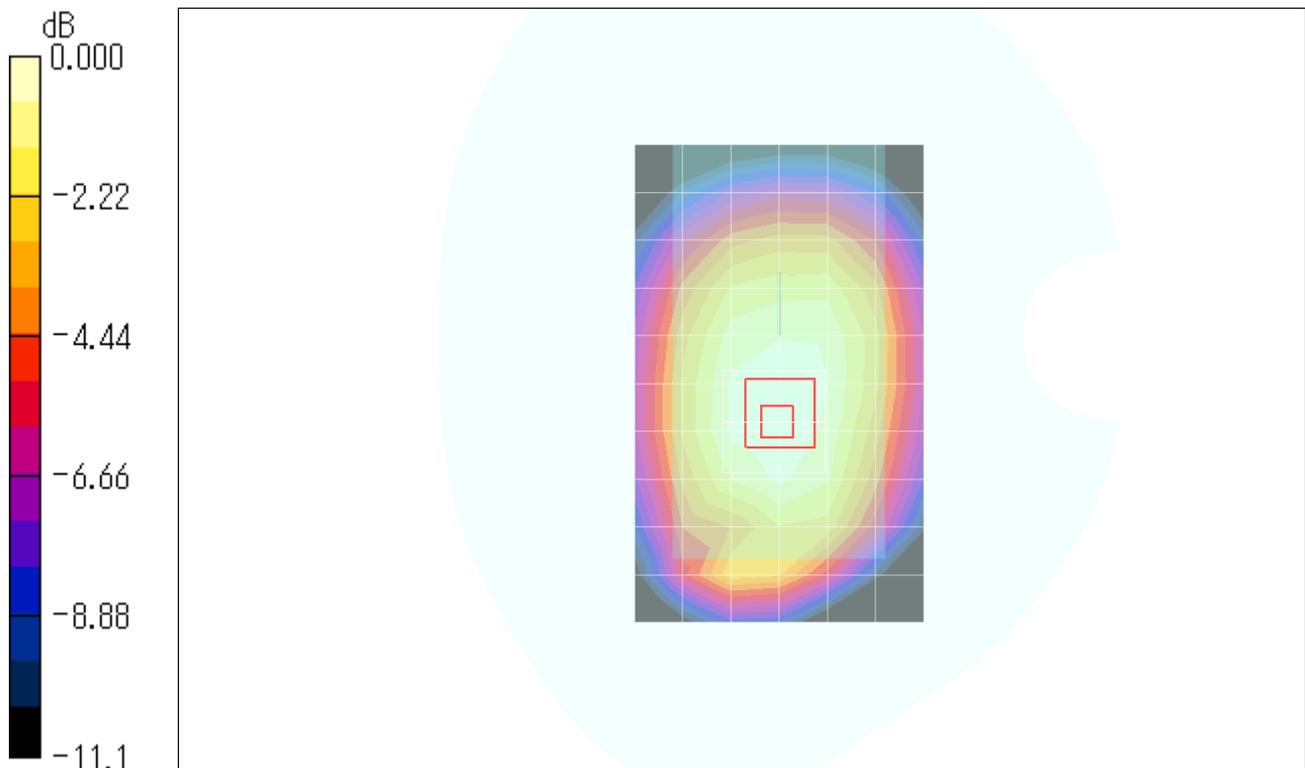Maximum value of SAR (measured) = 0.677 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.504 mW/g
Maximum value of SAR (measured) = 0.688 mW/g

0 dB = 0.688mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4132ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used: f = 826.4 MHz; σ = 0.928 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side w/headset/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
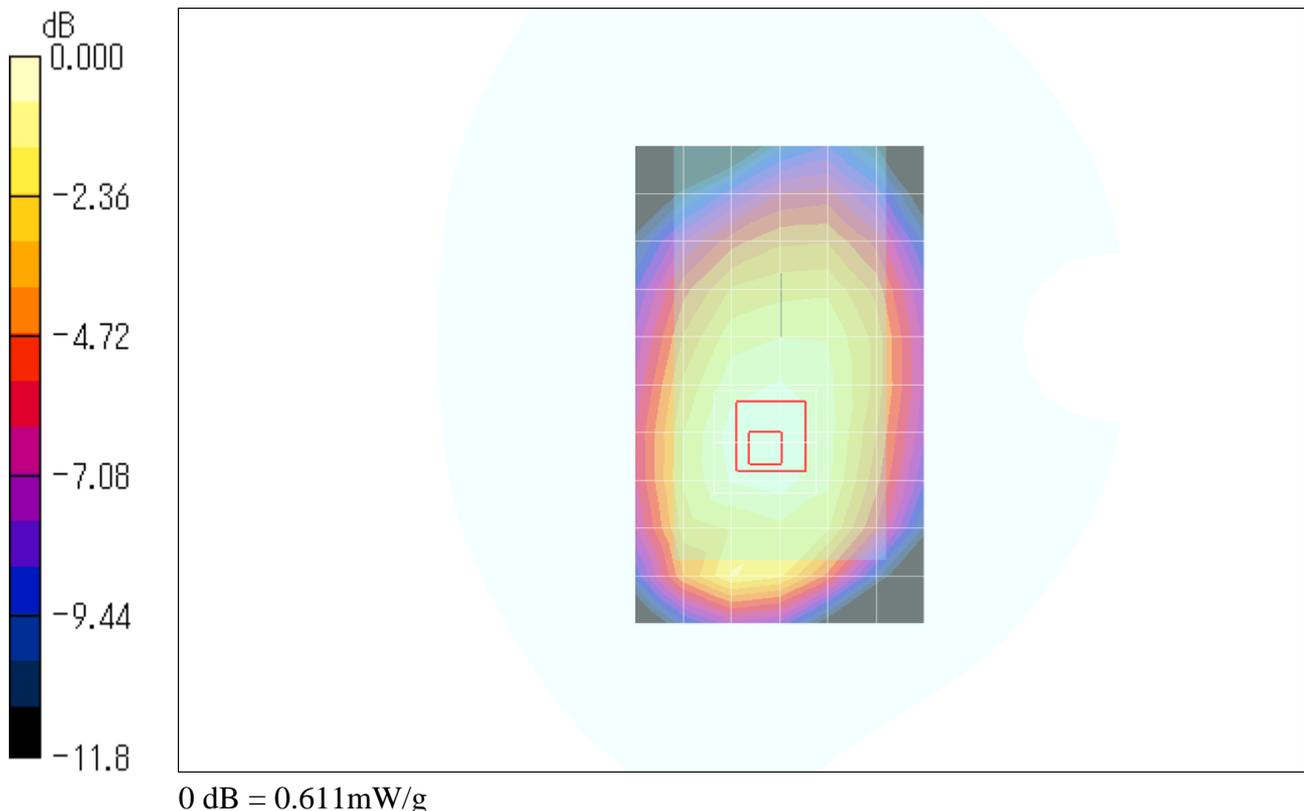
Maximum value of SAR (measured) = 0.595 mW/g

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

Reference Value = 22.6 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.703 W/kg

SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.435 mW/g

Maximum value of SAR (measured) = 0.611 mW/g

0 dB = 0.611mW/g

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Attachment 2-2 – SAR Test Plots (GSM 850)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 128ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.15

Medium: HSL900 Medium parameters used: f = 824.2 MHz; σ = 0.877 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
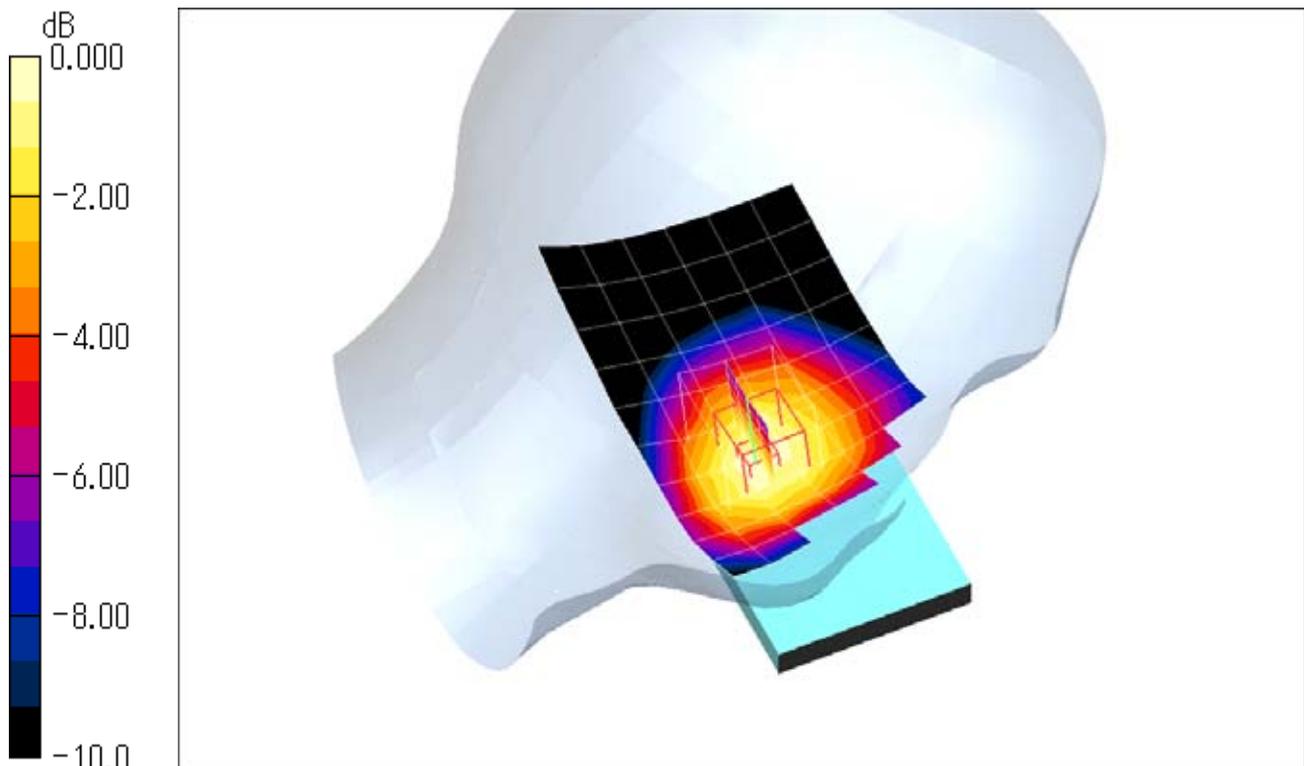Maximum value of SAR (measured) = 0.525 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.616 W/kg
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.400 mW/g
Maximum value of SAR (measured) = 0.556 mW/g

0 dB = 0.556mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.889 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
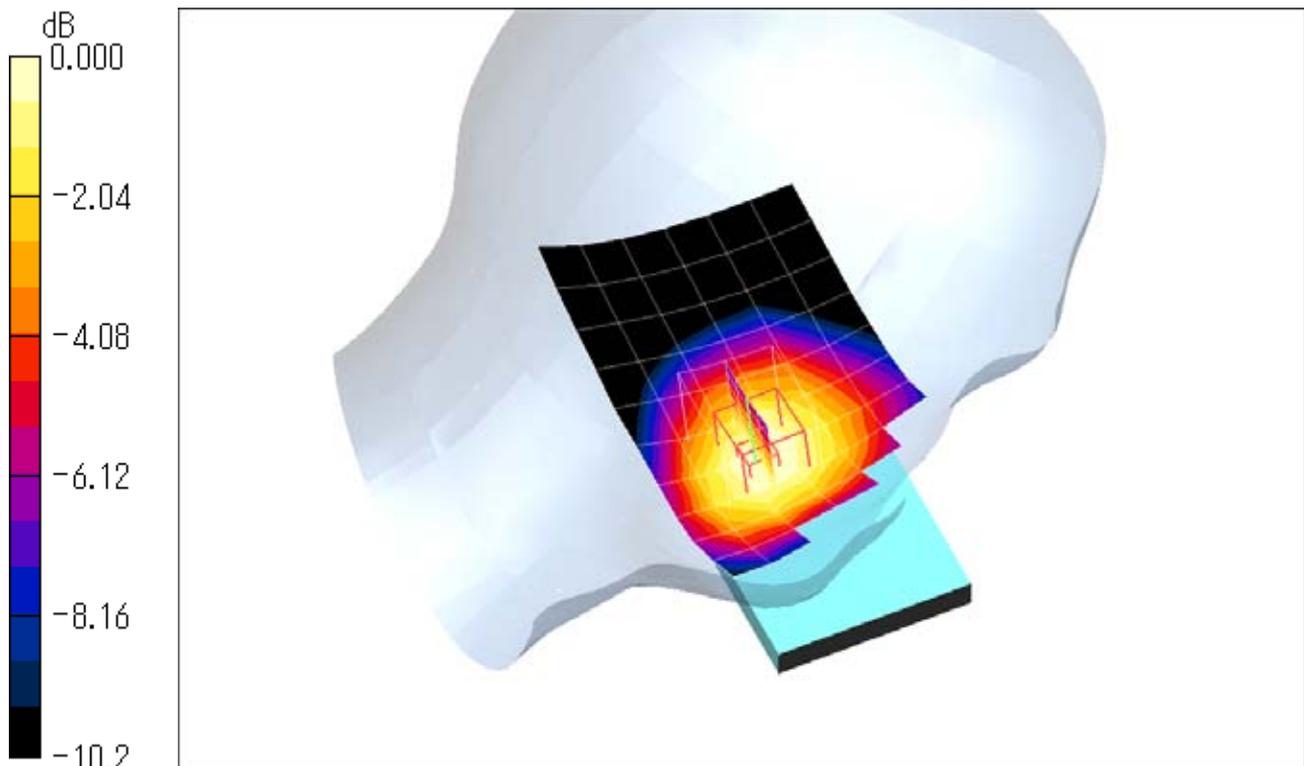Maximum value of SAR (measured) = 0.571 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.3 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.658 W/kg
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.579 mW/g

0 dB = 0.579mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:4.15
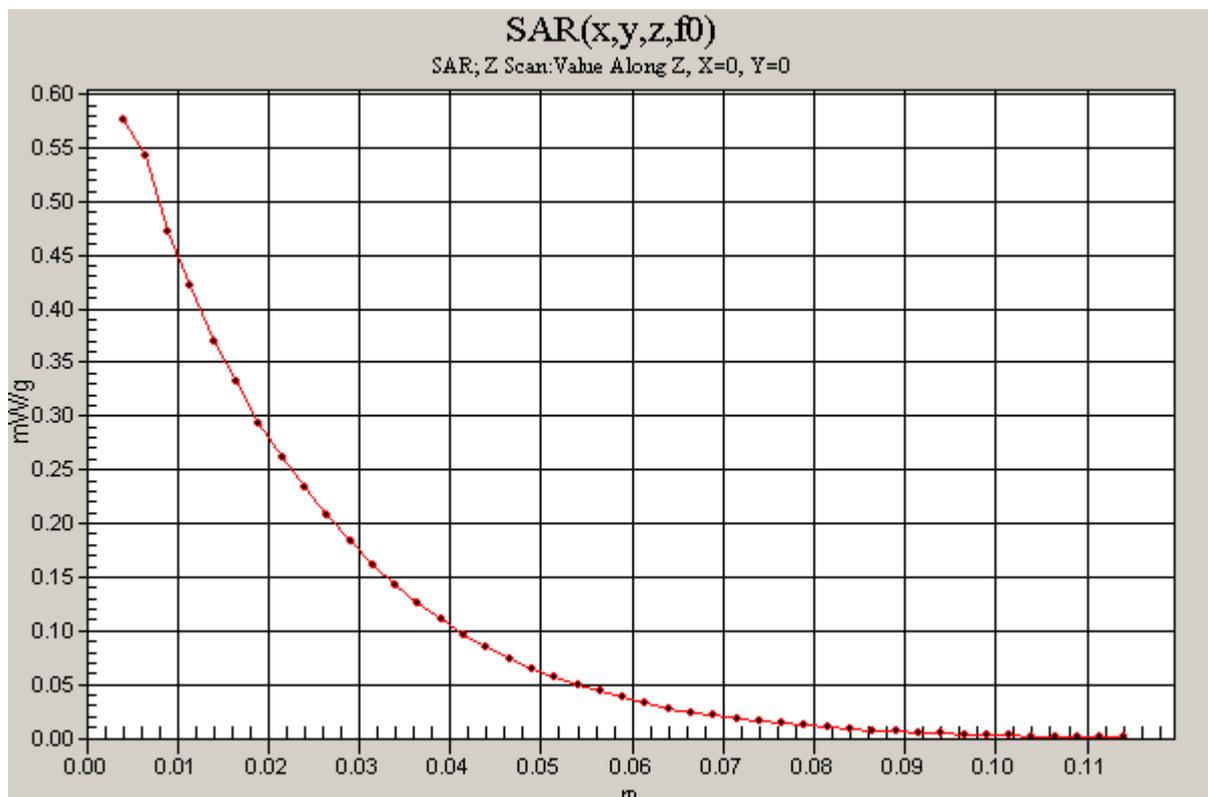
Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.889 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (measured) = 0.576 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 251ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15

Medium: HSL900 Medium parameters used: f = 848.8 MHz; σ = 0.901 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.471 mW/g

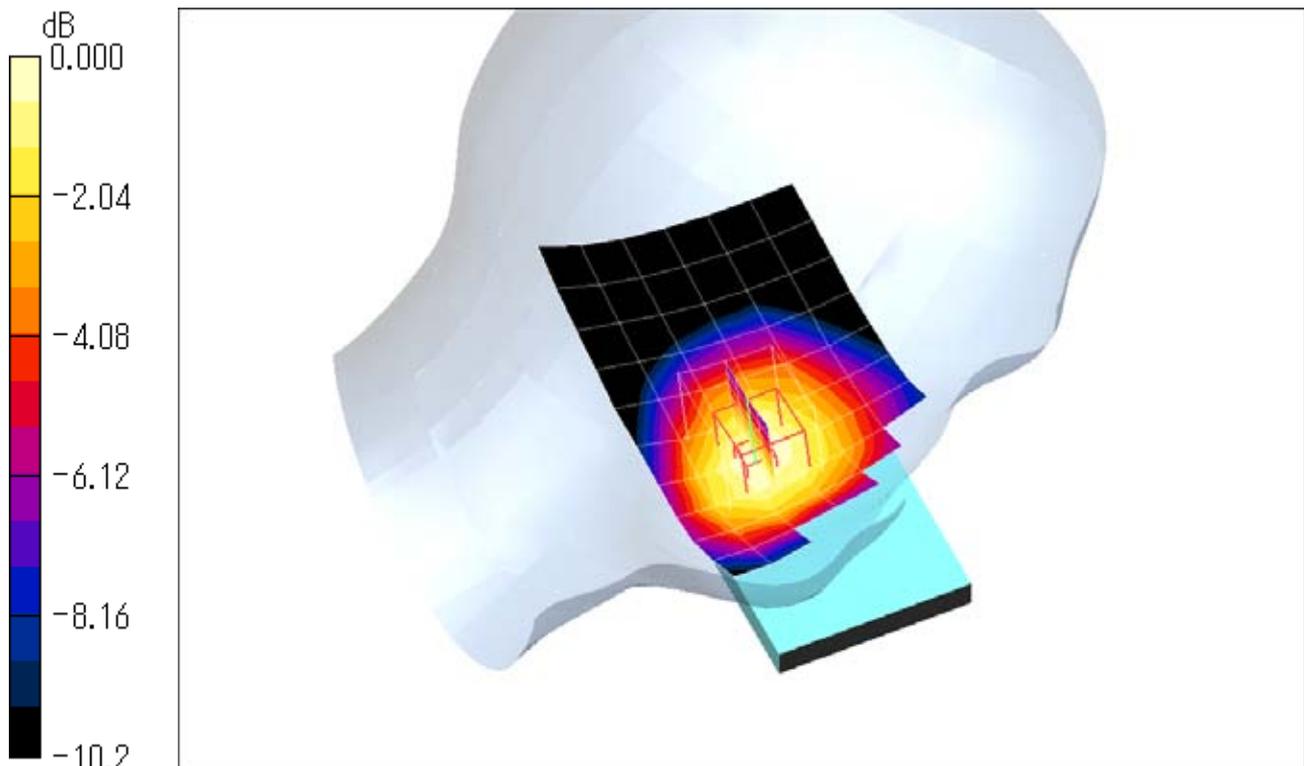**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.342 mW/g
Maximum value of SAR (measured) = 0.479 mW/g

0 dB = 0.479mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.889 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Ear/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.306 mW/g

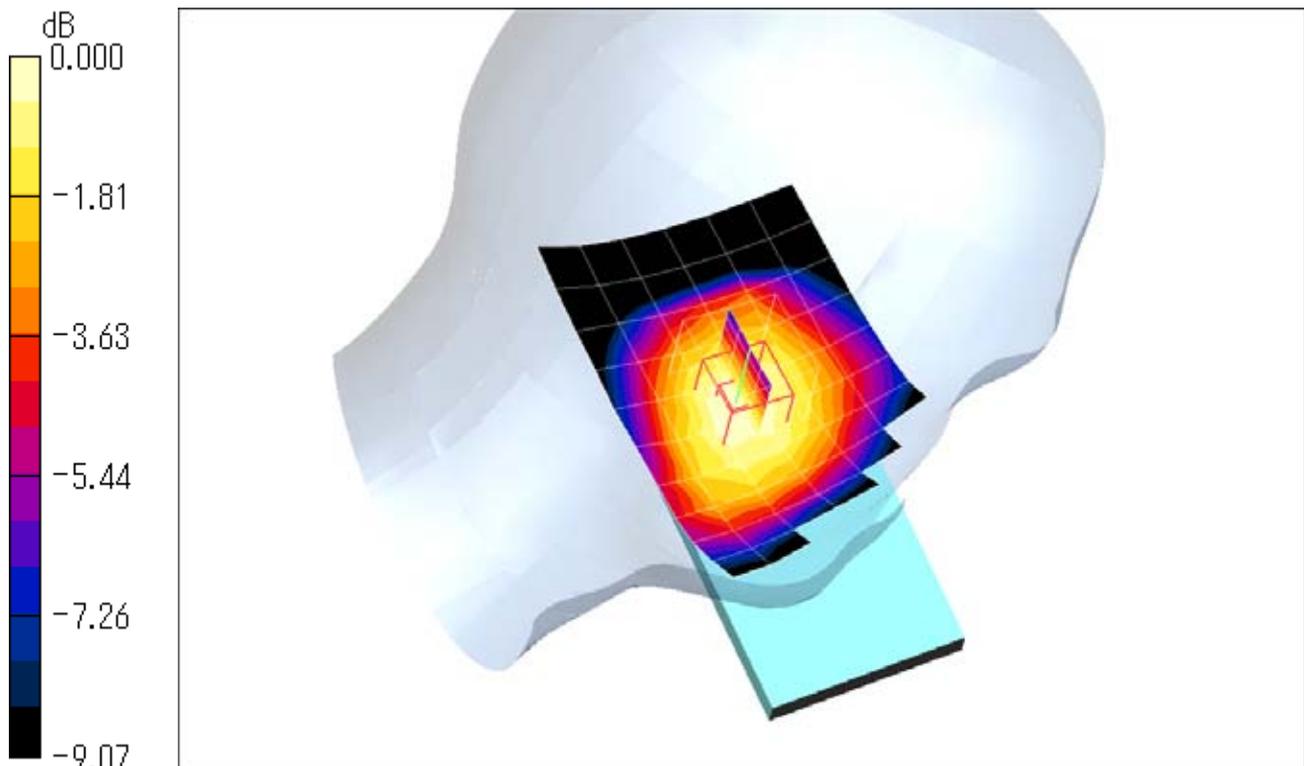**Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.235 mW/g
Maximum value of SAR (measured) = 0.319 mW/g

dB
0.000
-1.81
-3.63
-5.44
-7.26
-9.07

0 dB = 0.319mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: HSL900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ mho/m; $\varepsilon_r = 40.9$; $\rho = 1000$ kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
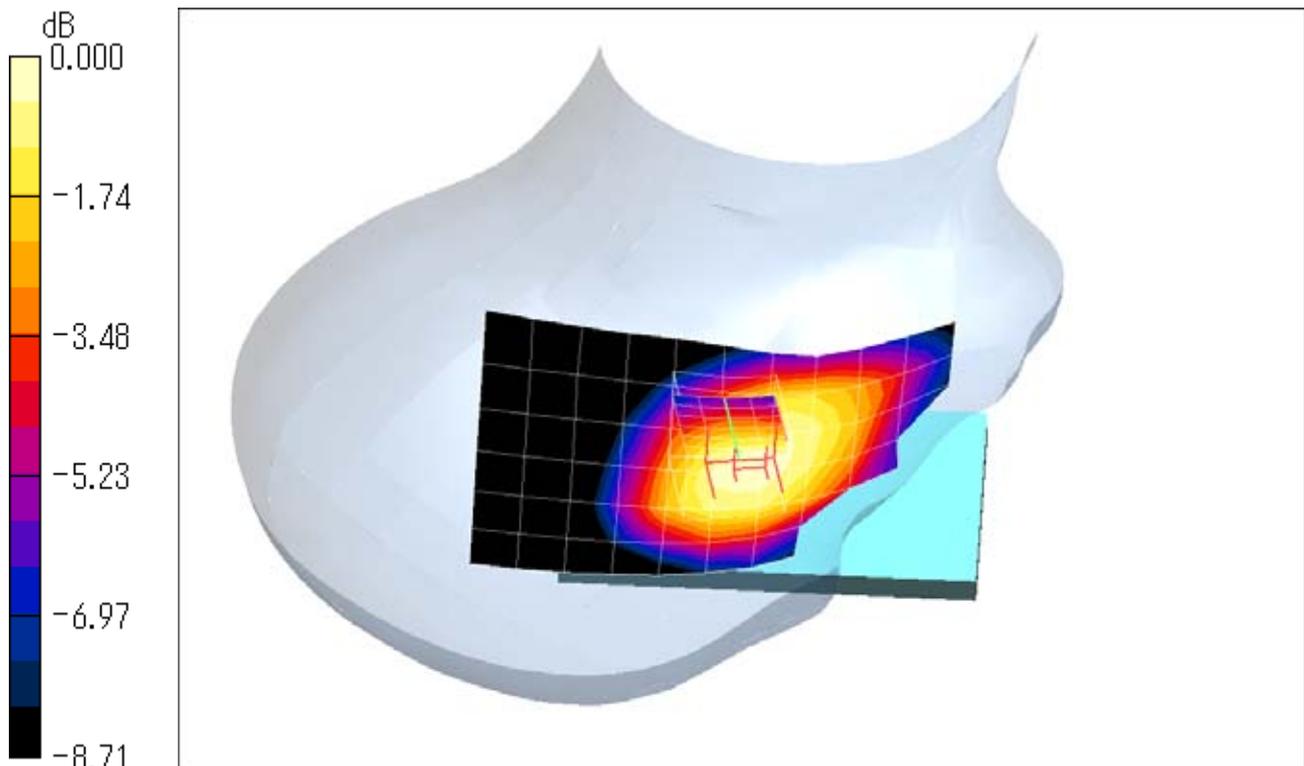Maximum value of SAR (measured) = 0.436 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.0 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 0.449 mW/g

0 dB = 0.449mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.889 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.24, 6.24, 6.24); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Ear/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
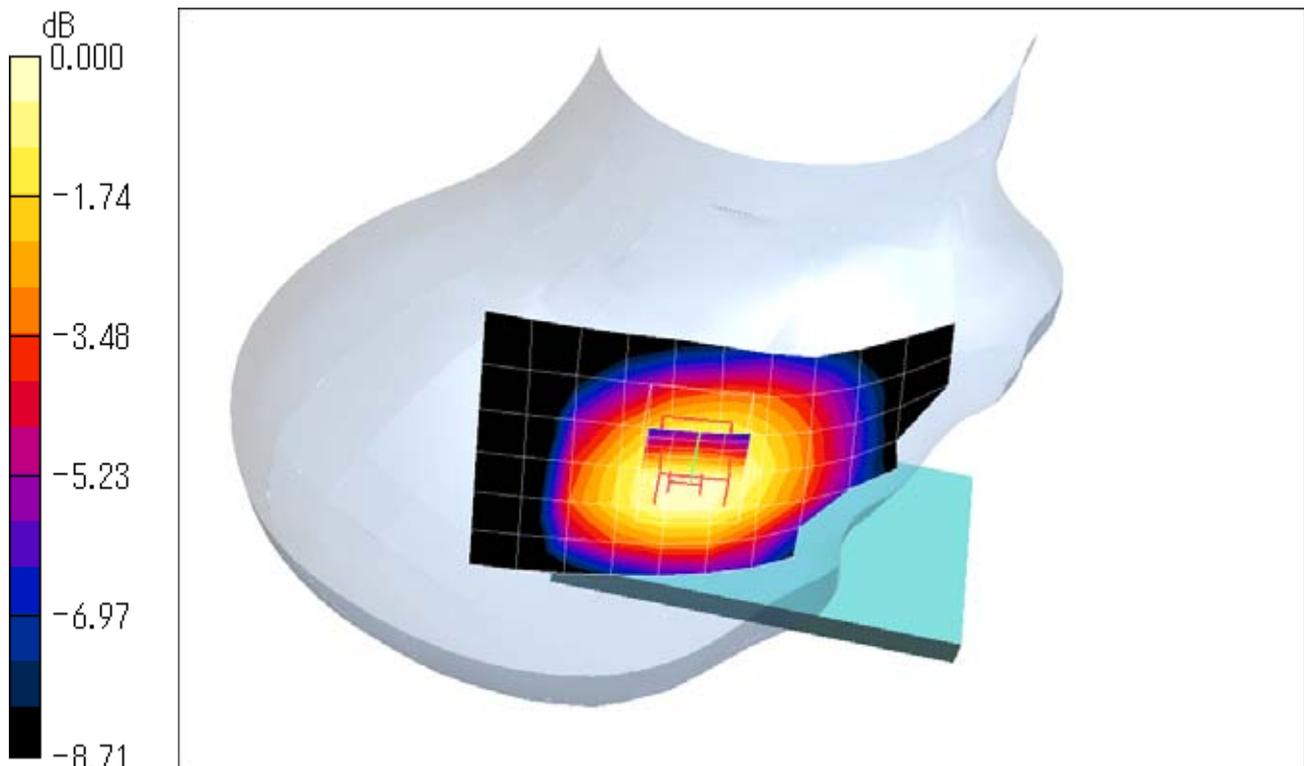Maximum value of SAR (measured) = 0.285 mW/g

Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.290 mW/g

0 dB = 0.290mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Bottom Edge/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
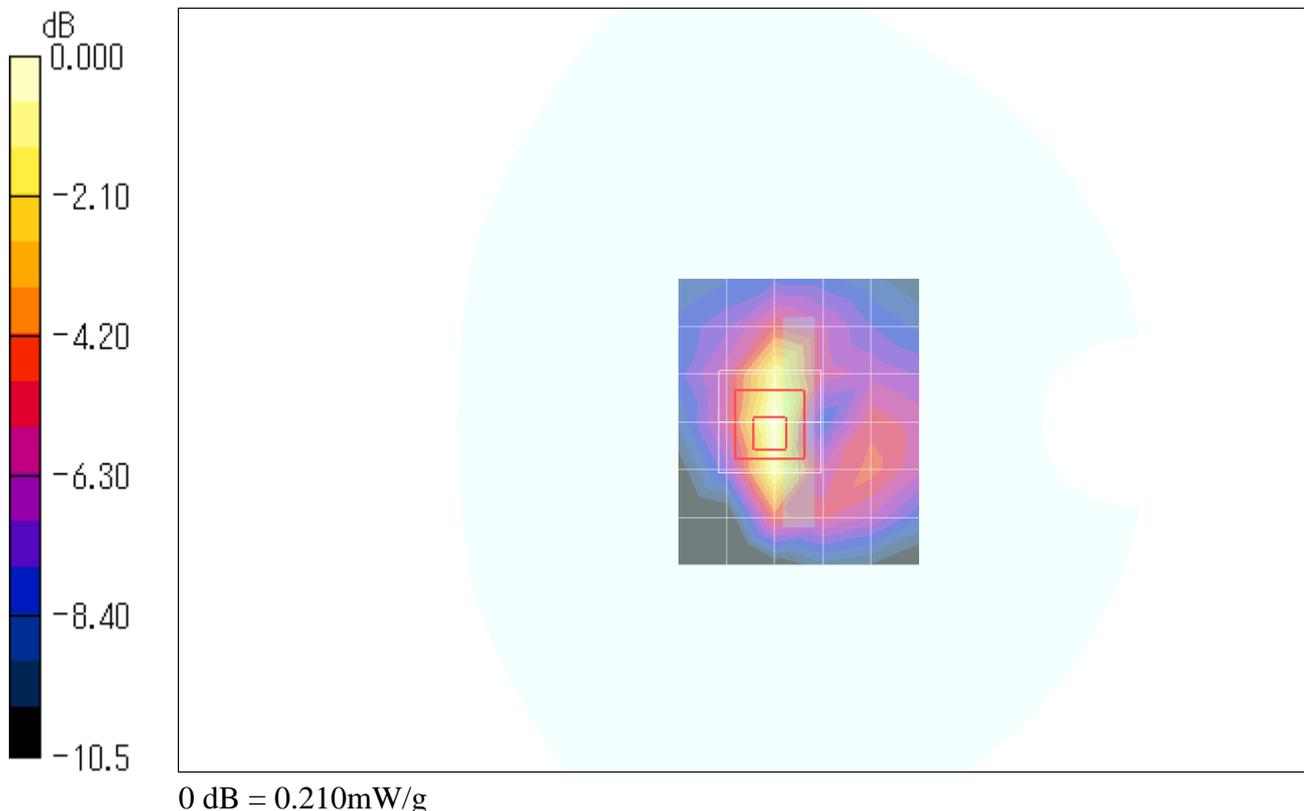Maximum value of SAR (measured) = 0.205 mW/g

Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.210 mW/g

0 dB = 0.210mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

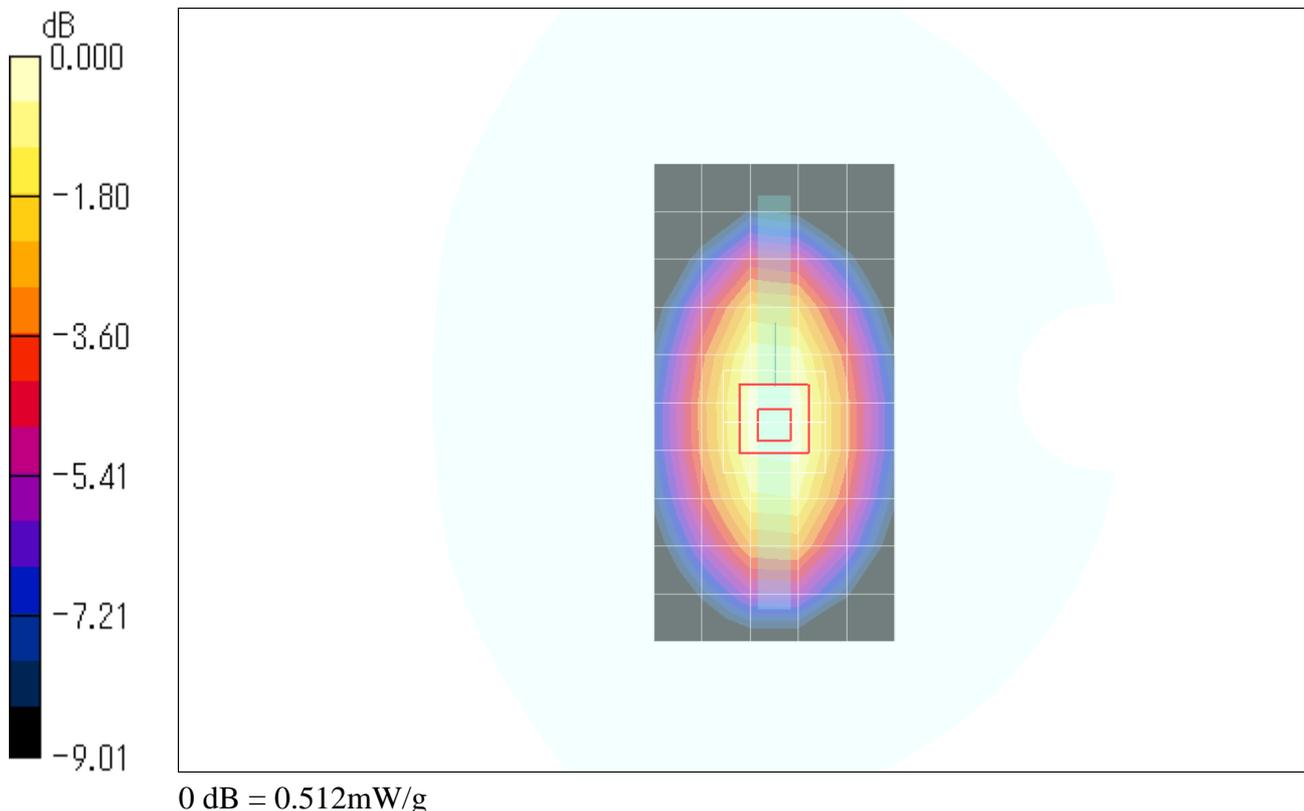Maximum value of SAR (measured) = 0.474 mW/g

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

Reference Value = 25.0 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.512 mW/g

0 dB = 0.512mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Right Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
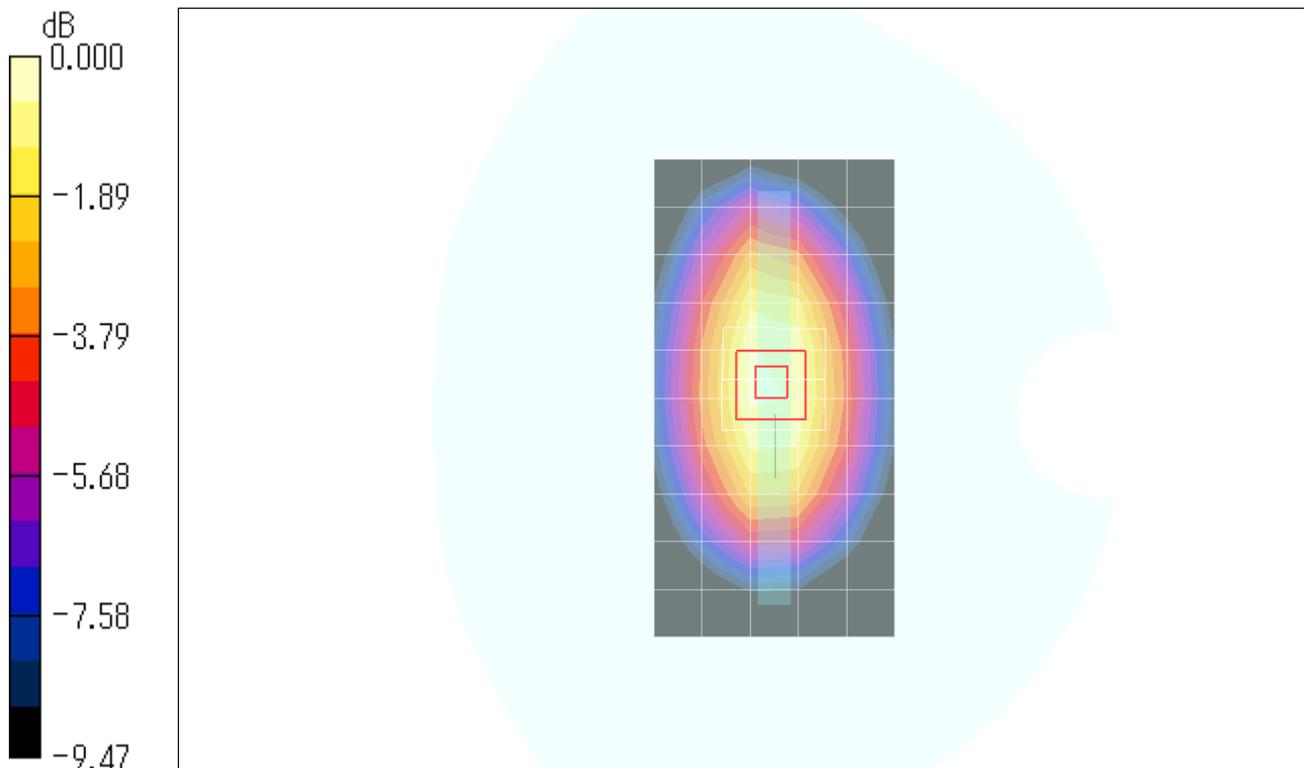Maximum value of SAR (measured) = 0.427 mW/g

Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.2 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 0.481 mW/g

0 dB = 0.481mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
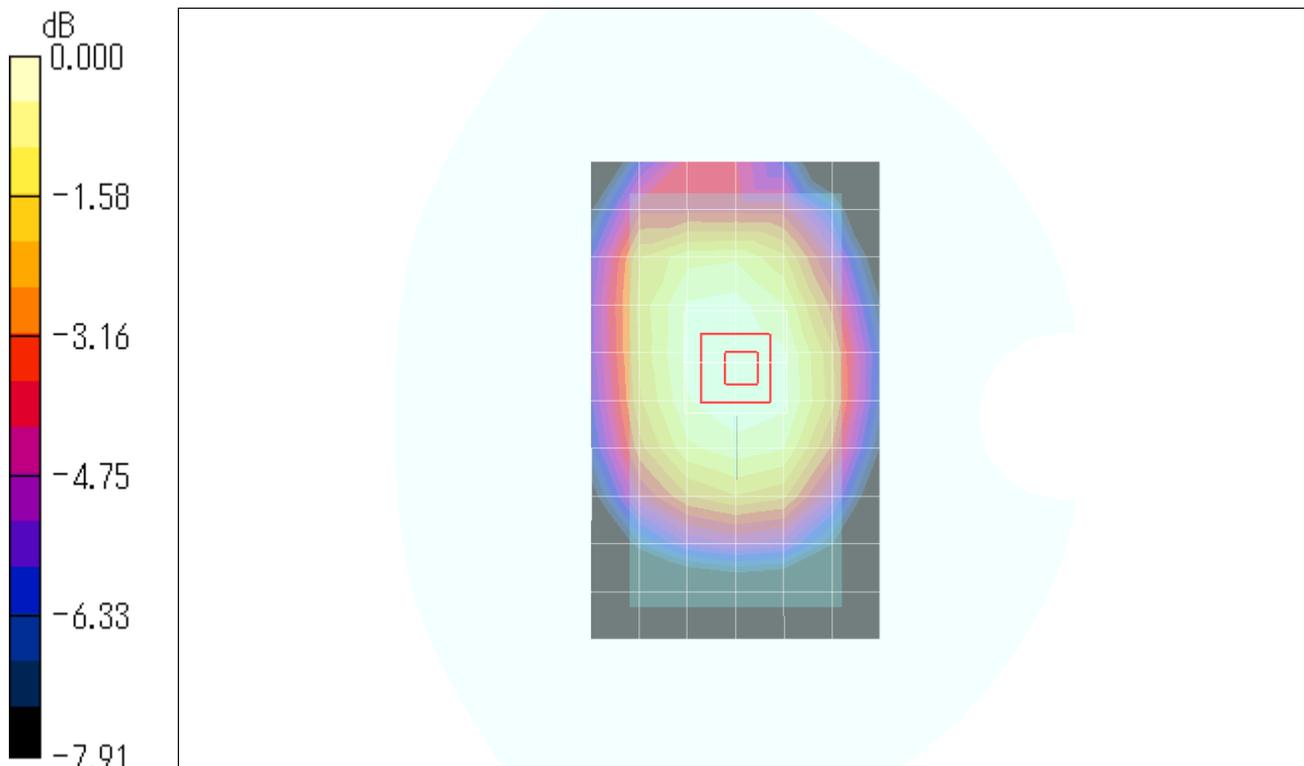Maximum value of SAR (measured) = 0.553 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.9 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.553 mW/g

0 dB = 0.553mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 128ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.15

Medium: MSL900 Medium parameters used: f = 824.2 MHz; σ = 0.926 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

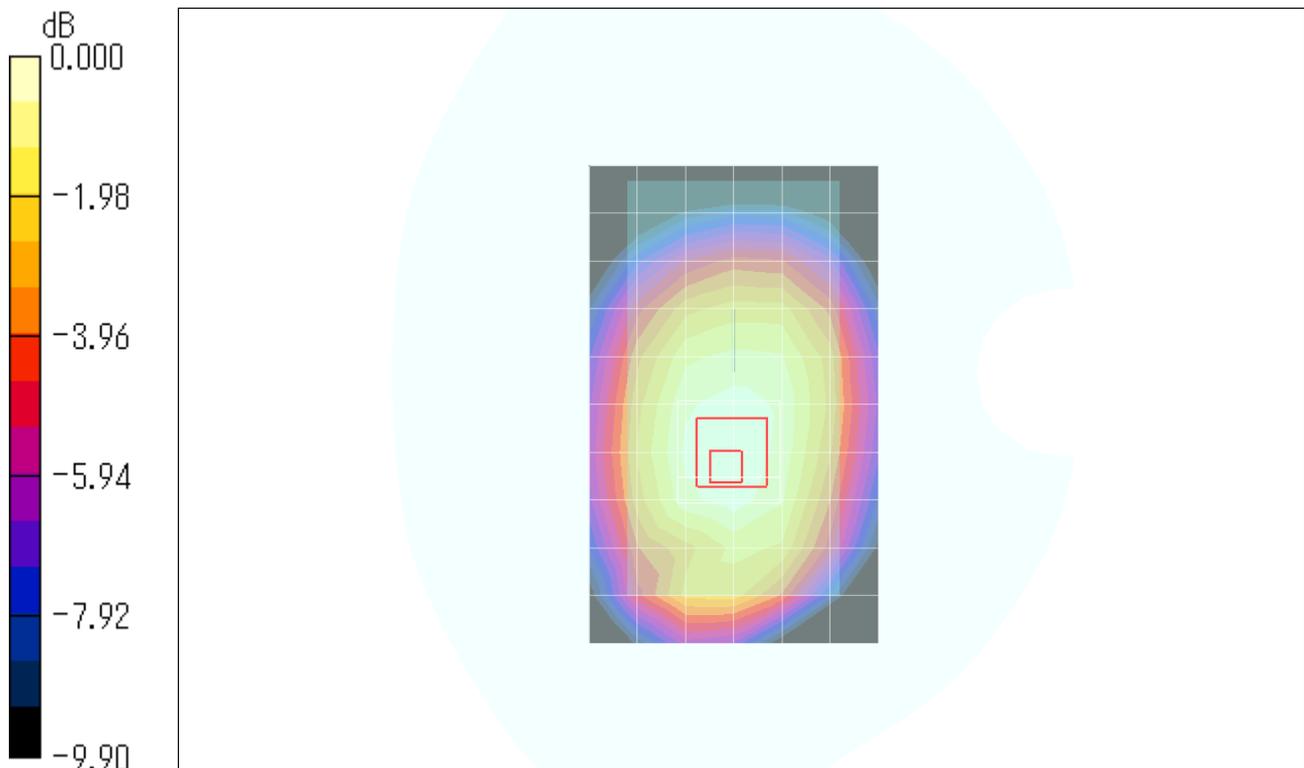Maximum value of SAR (measured) = 0.651 mW/g

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

Reference Value = 25.5 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.731 W/kg

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.483 mW/g

Maximum value of SAR (measured) = 0.657 mW/g

0 dB = 0.657mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
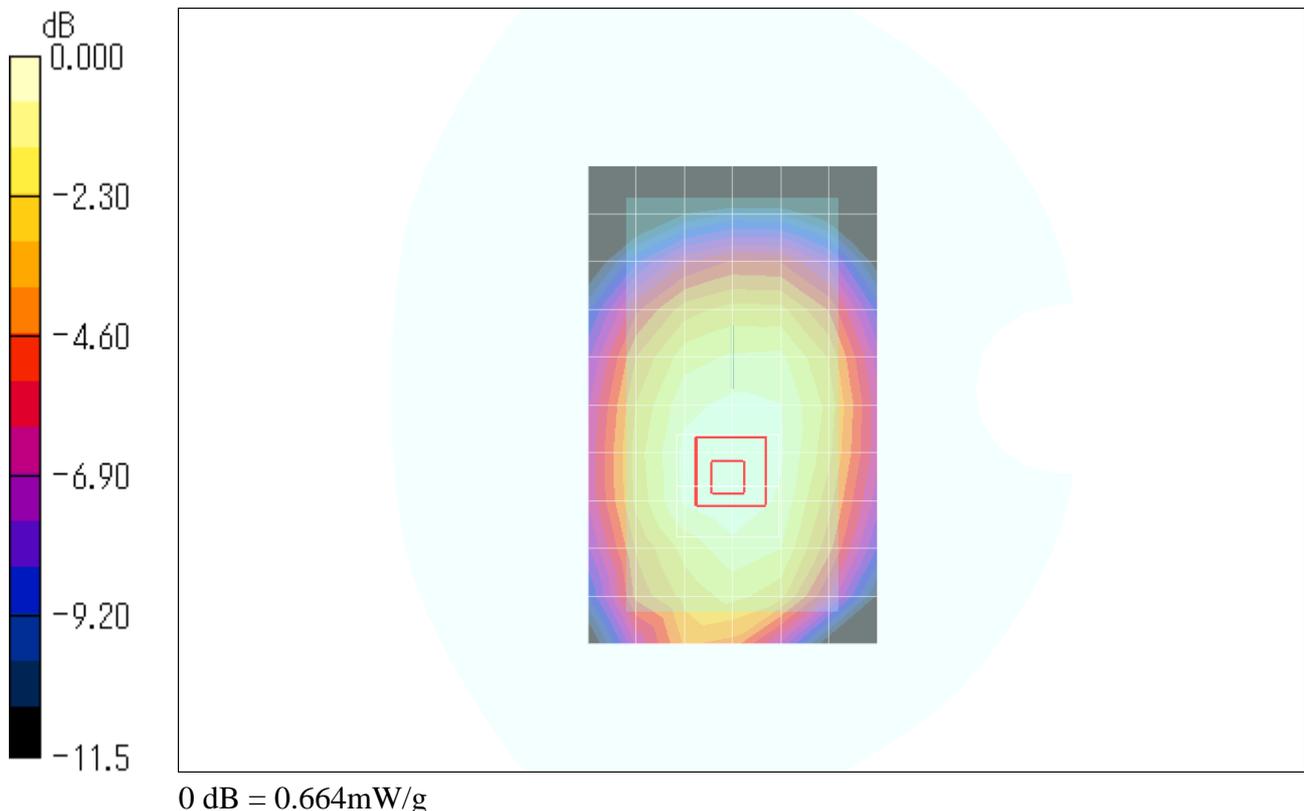Maximum value of SAR (measured) = 0.665 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.8 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.484 mW/g
Maximum value of SAR (measured) = 0.664 mW/g

0 dB = 0.664mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
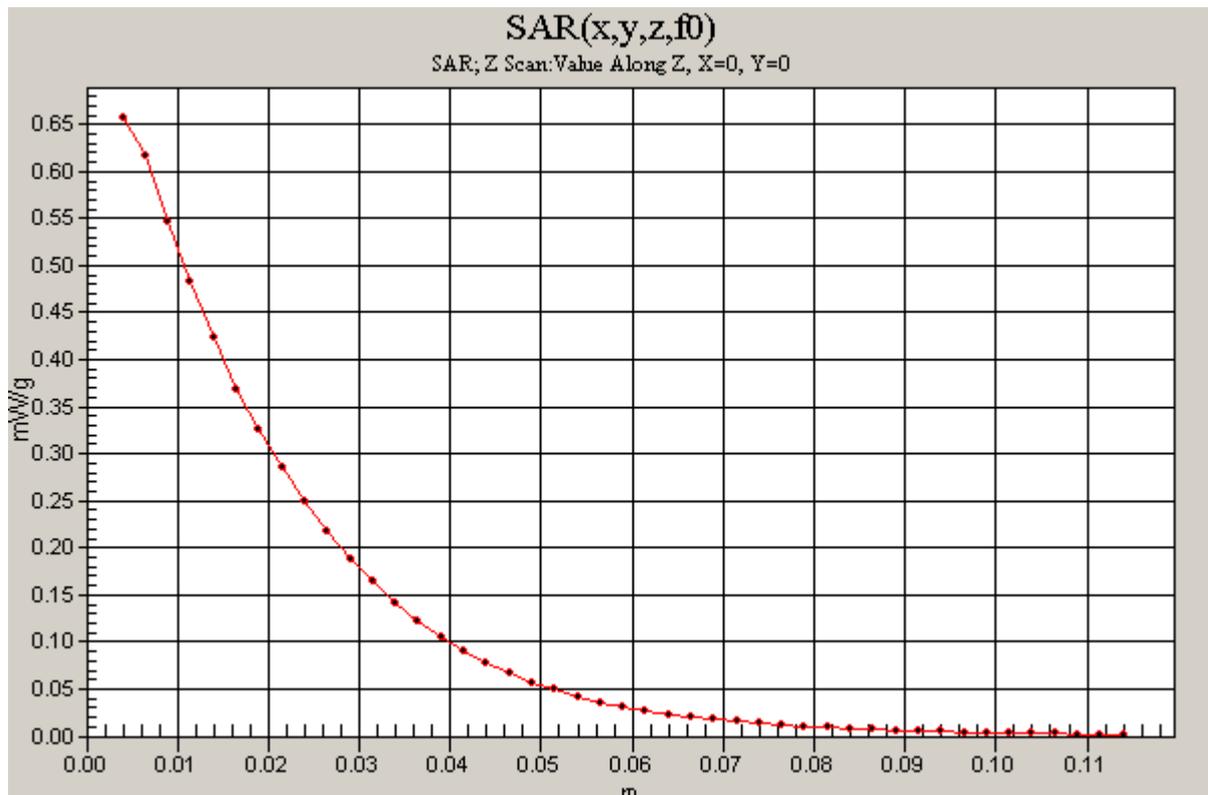
Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (measured) = 0.657 mW/g

SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 251ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15

Medium: MSL900 Medium parameters used: f = 848.8 MHz; σ = 0.952 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
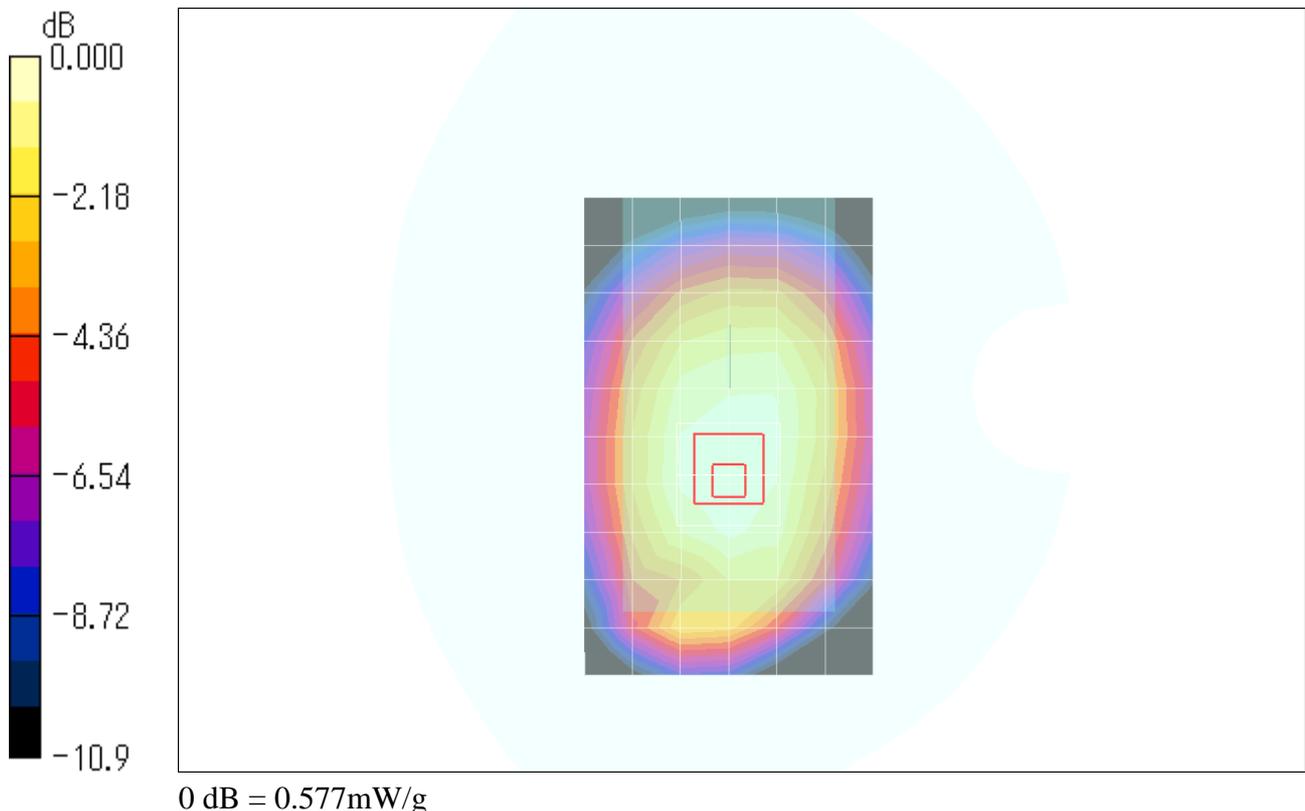Maximum value of SAR (measured) = 0.582 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.6 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 0.577 mW/g

dB
0.000
-2.18
-4.36
-6.54
-8.72
-10.9

0 dB = 0.577mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 189ch / GSM 850 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:4.15

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.938 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side w/headset/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
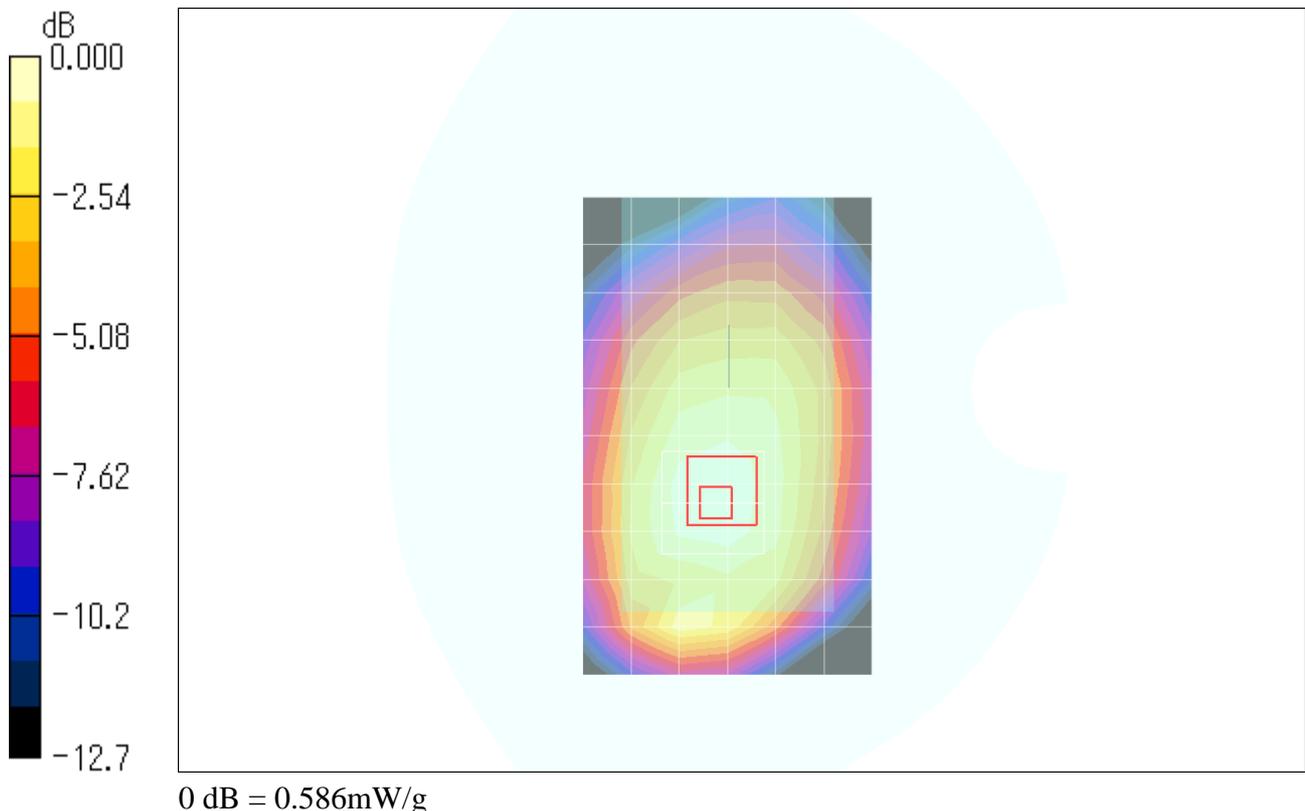Maximum value of SAR (measured) = 0.555 mW/g

Rear Side w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 0.671 W/kg
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.408 mW/g
Maximum value of SAR (measured) = 0.586 mW/g

0 dB = 0.586mW/g

Attachment 2-3 – SAR Test Plots (PCS 1900)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15

Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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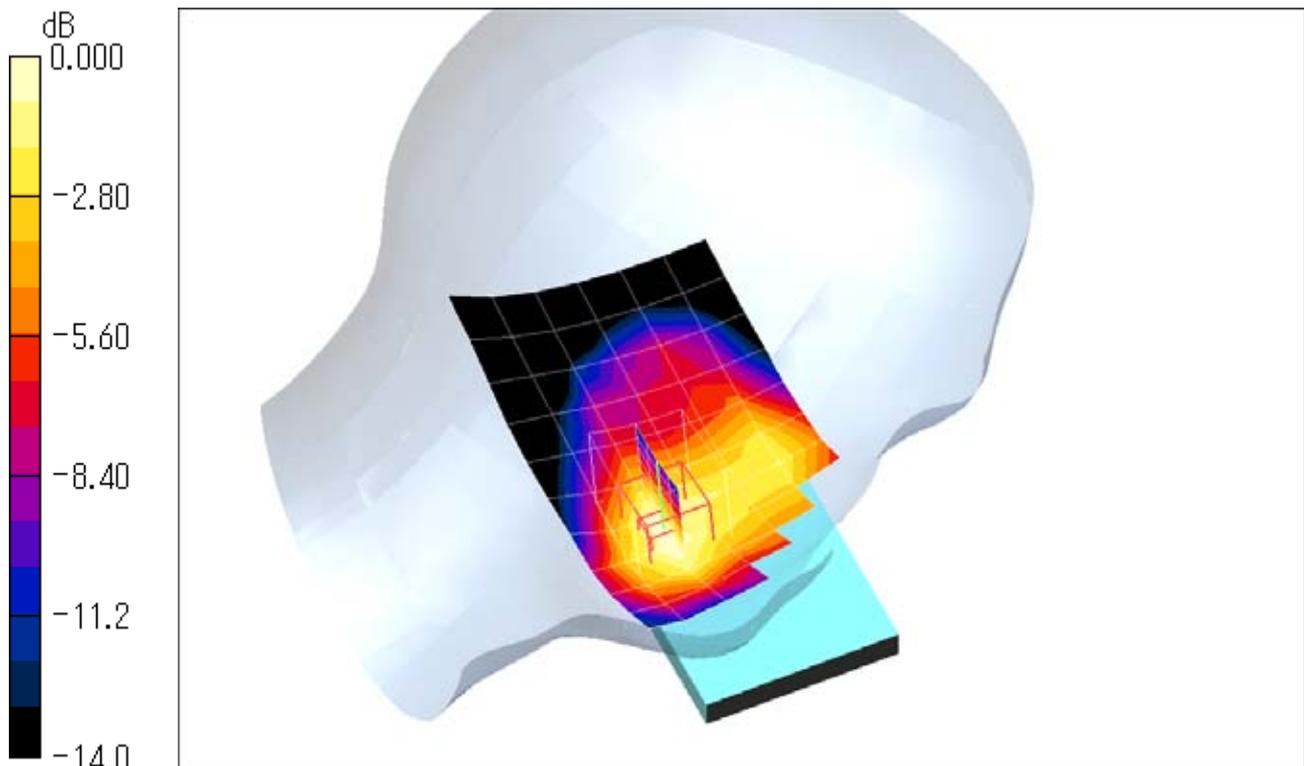Maximum value of SAR (measured) = 0.232 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.228 mW/g

0 dB = 0.228mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15

Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Ear/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

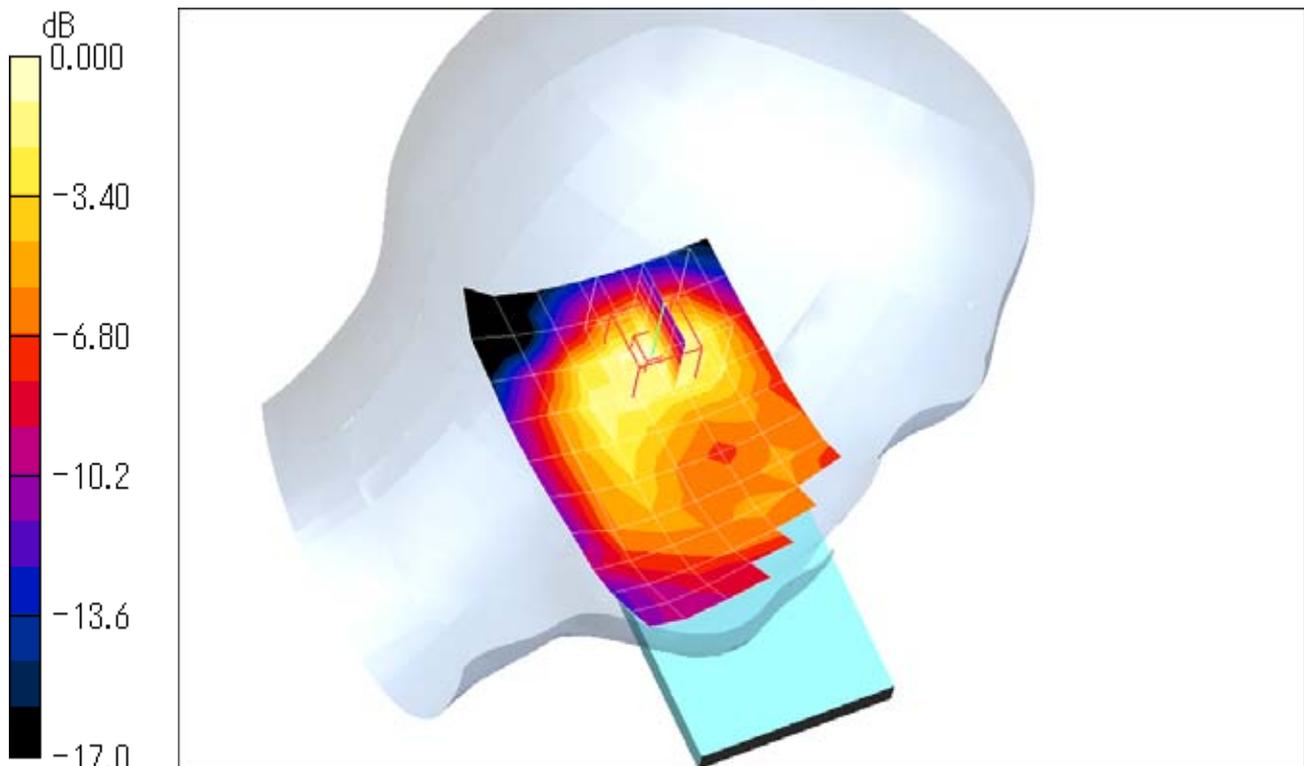Maximum value of SAR (measured) = 0.103 mW/g

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

Reference Value = 8.80 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.106 mW/g

0 dB = 0.106mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 512ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15

Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
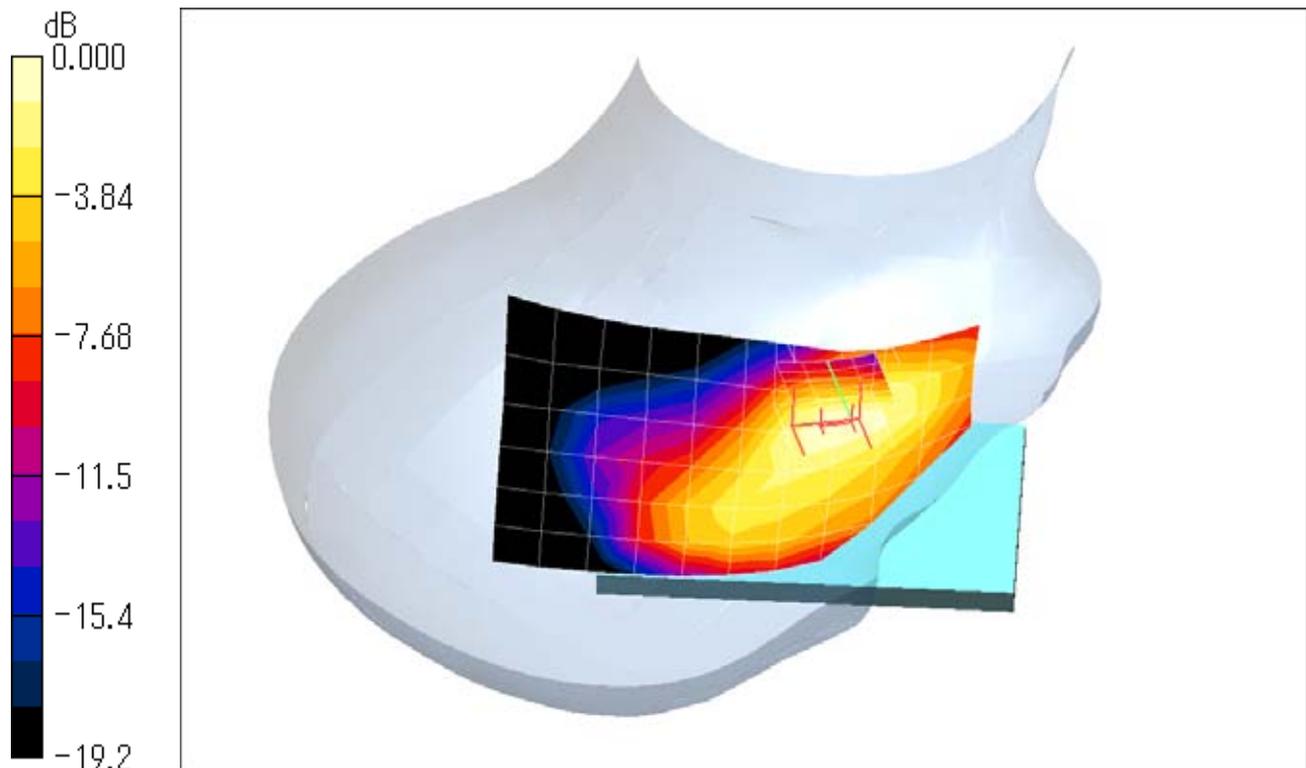Maximum value of SAR (measured) = 0.332 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.346 mW/g

0 dB = 0.346mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 512ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15

Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
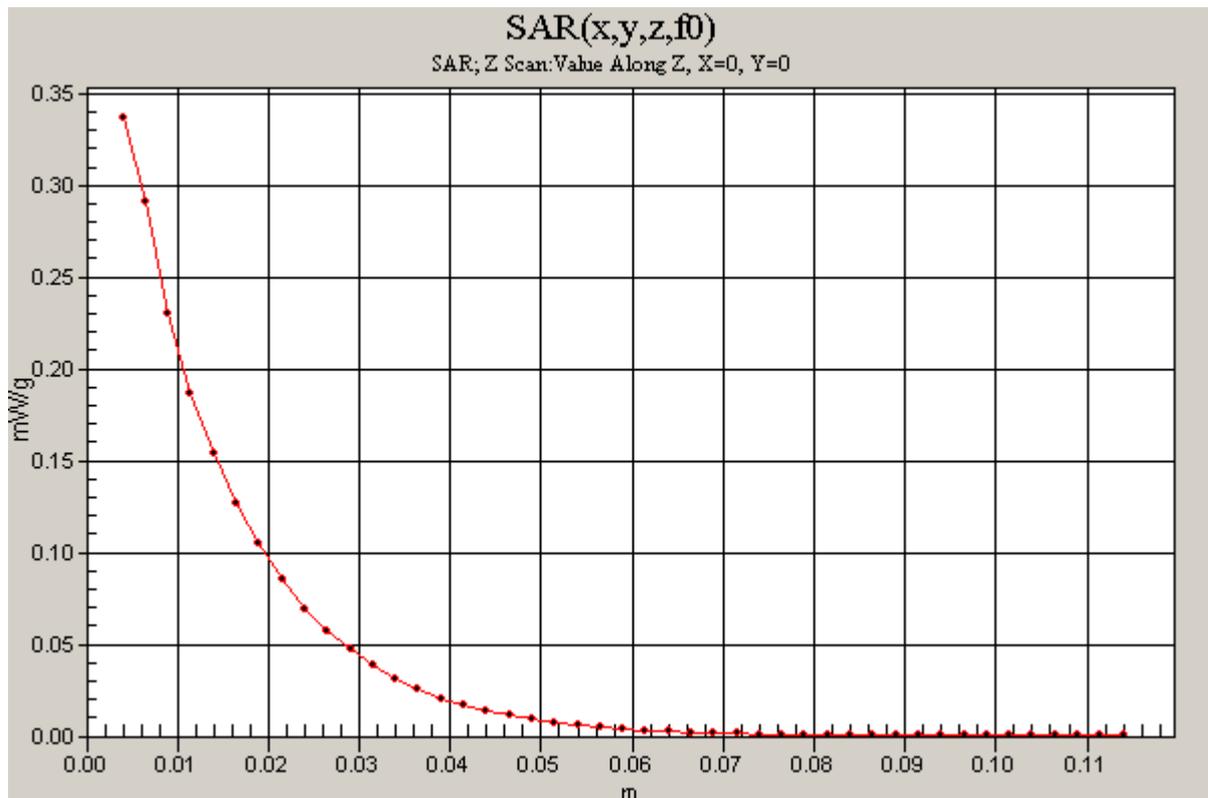
Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (measured) = 0.337 mW/g

SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15

Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
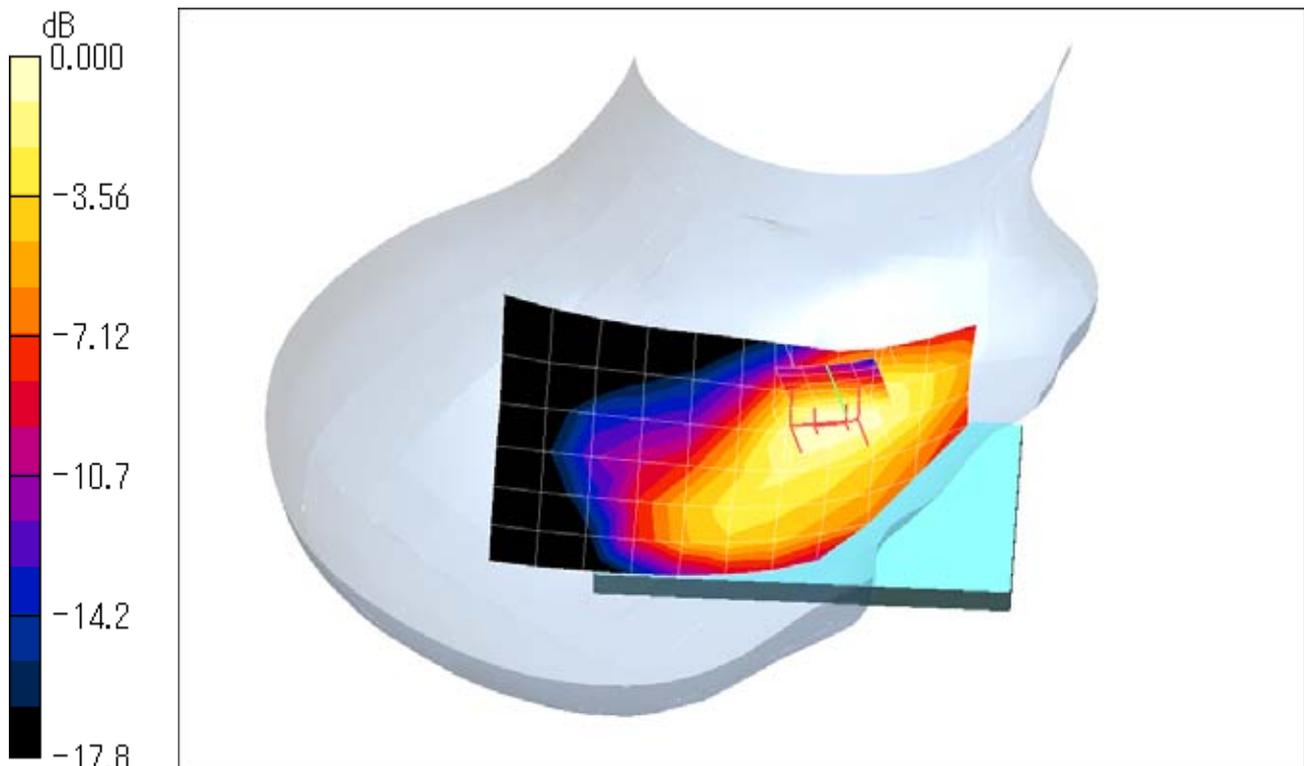
Maximum value of SAR (measured) = 0.326 mW/g

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

Reference Value = 12.2 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.442 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.333 mW/g

0 dB = 0.333mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 810ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium: HSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.45 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
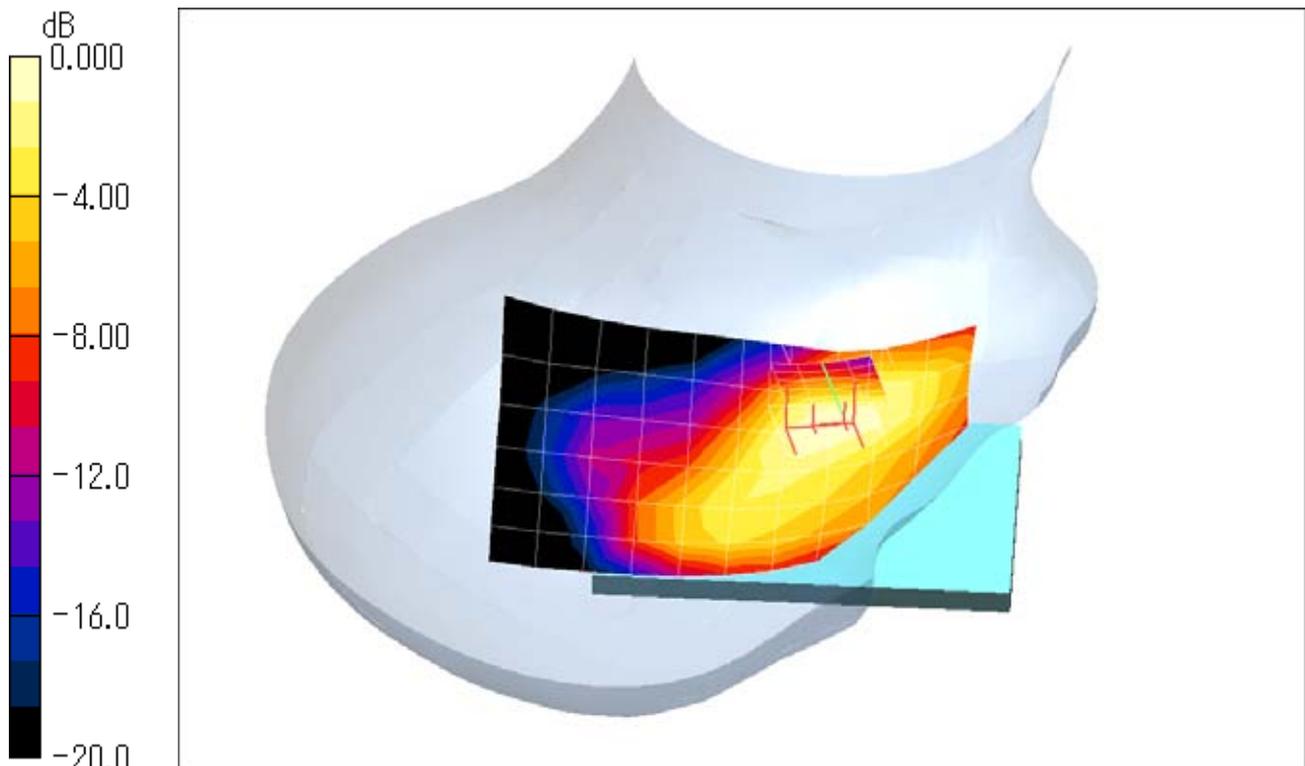
Maximum value of SAR (measured) = 0.287 mW/g

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

Reference Value = 11.4 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.300 mW/g

0 dB = 0.300mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Ear/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
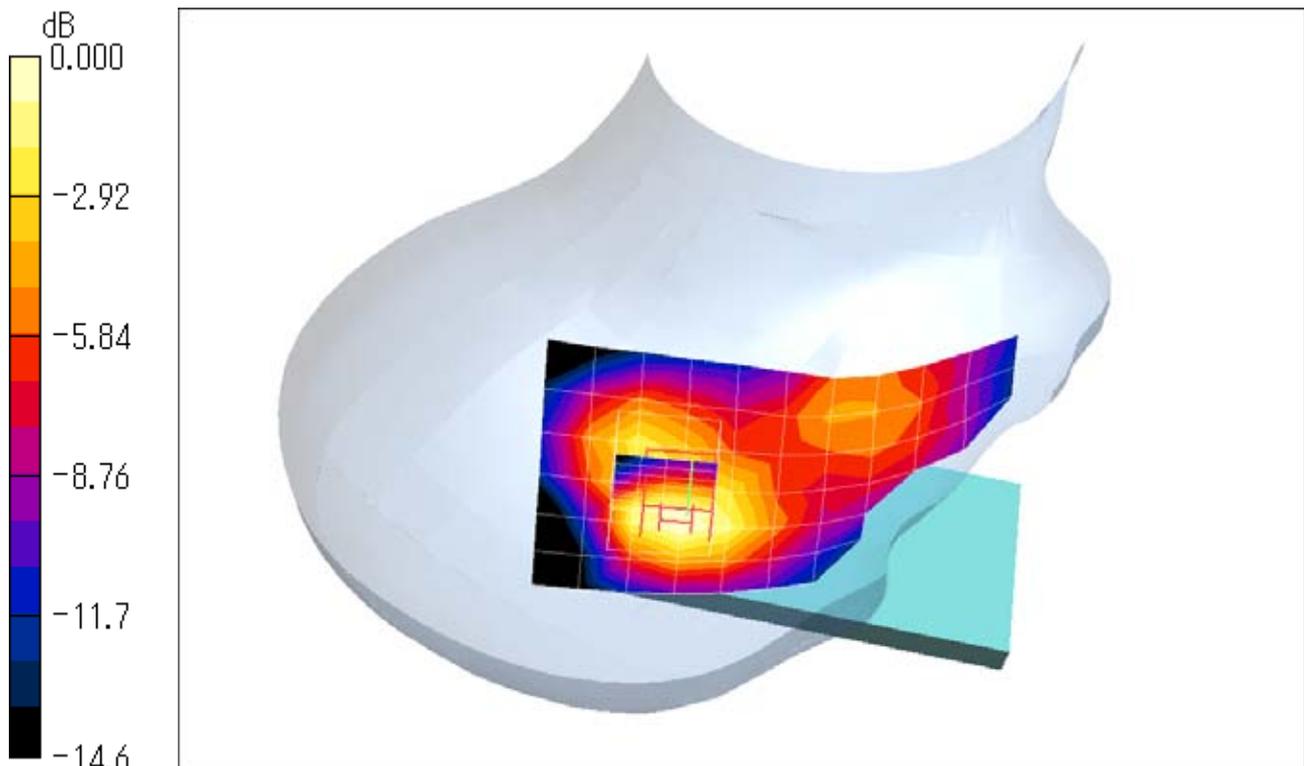Maximum value of SAR (measured) = 0.134 mW/g

Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.10 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.134 mW/g

0 dB = 0.134mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15

Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Bottom Edge/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
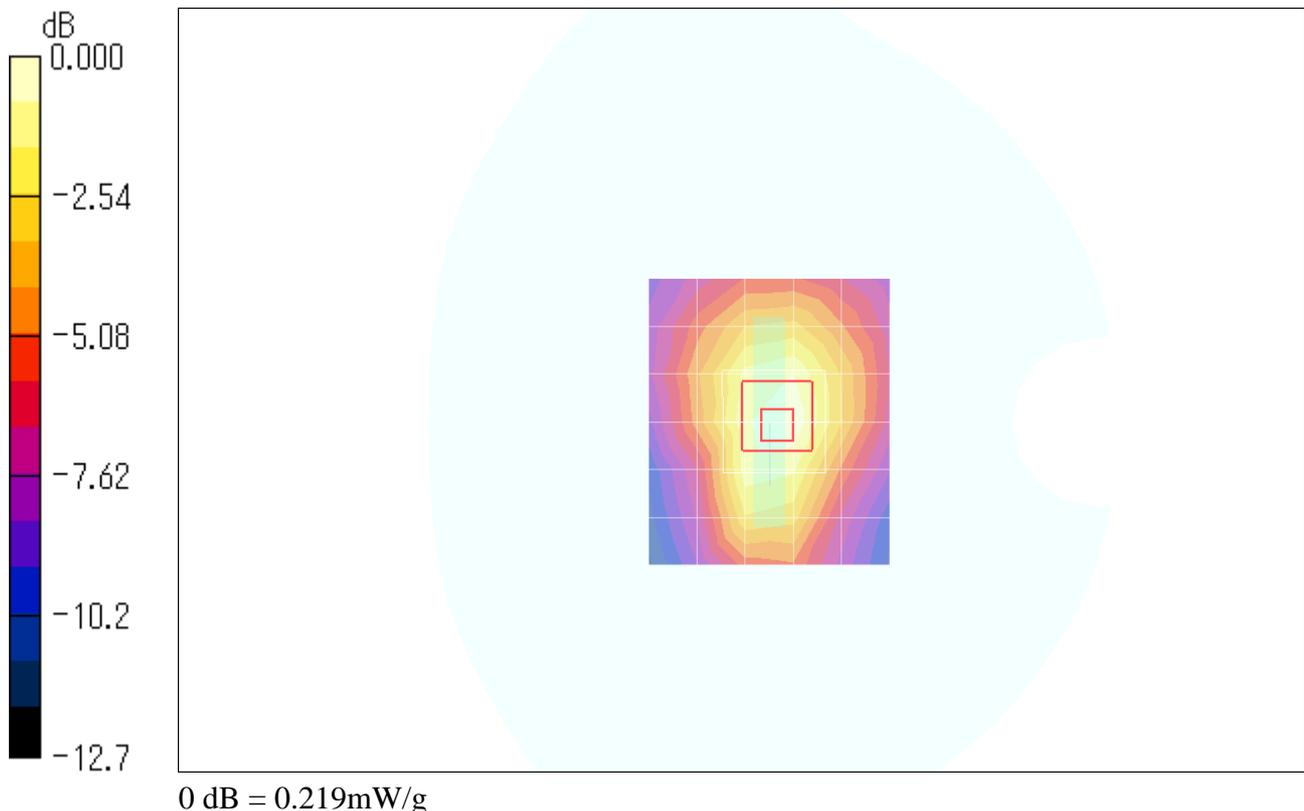Maximum value of SAR (measured) = 0.215 mW/g

Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.219 mW/g

0 dB = 0.219mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Left Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.085 mW/g

Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.30 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.054 mW/g
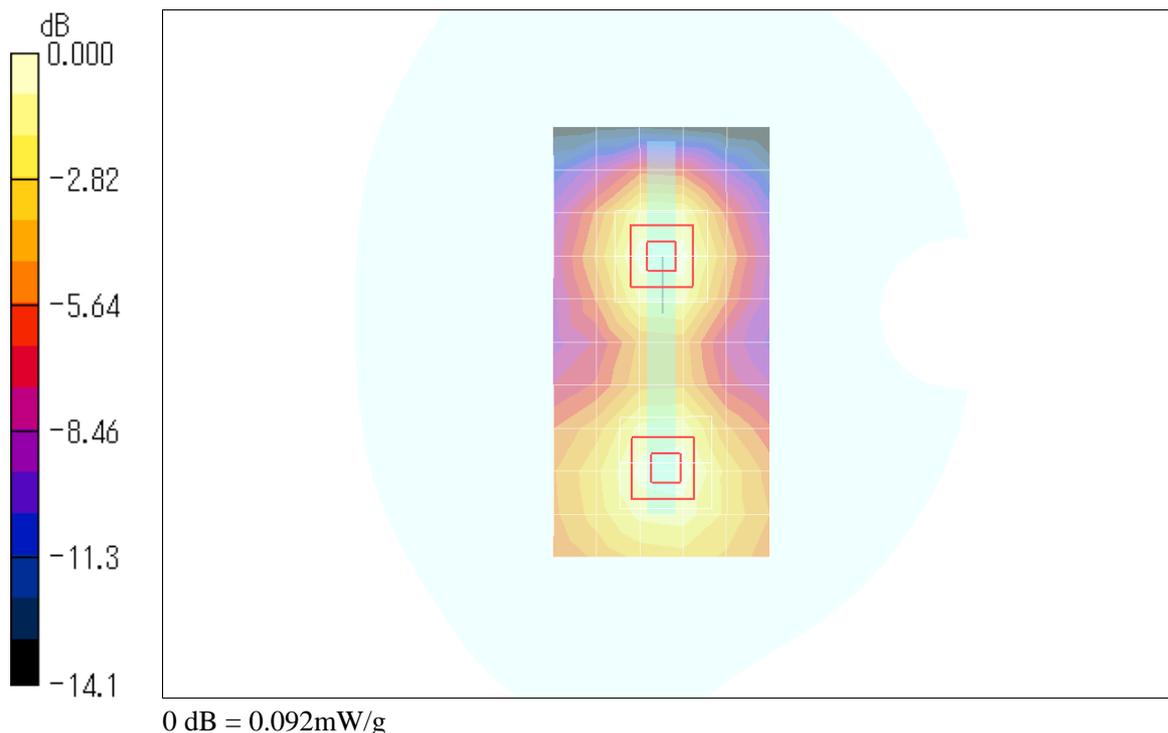Maximum value of SAR (measured) = 0.097 mW/g

Left Edge/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.30 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.092 mW/g

0 dB = 0.092mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Right Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
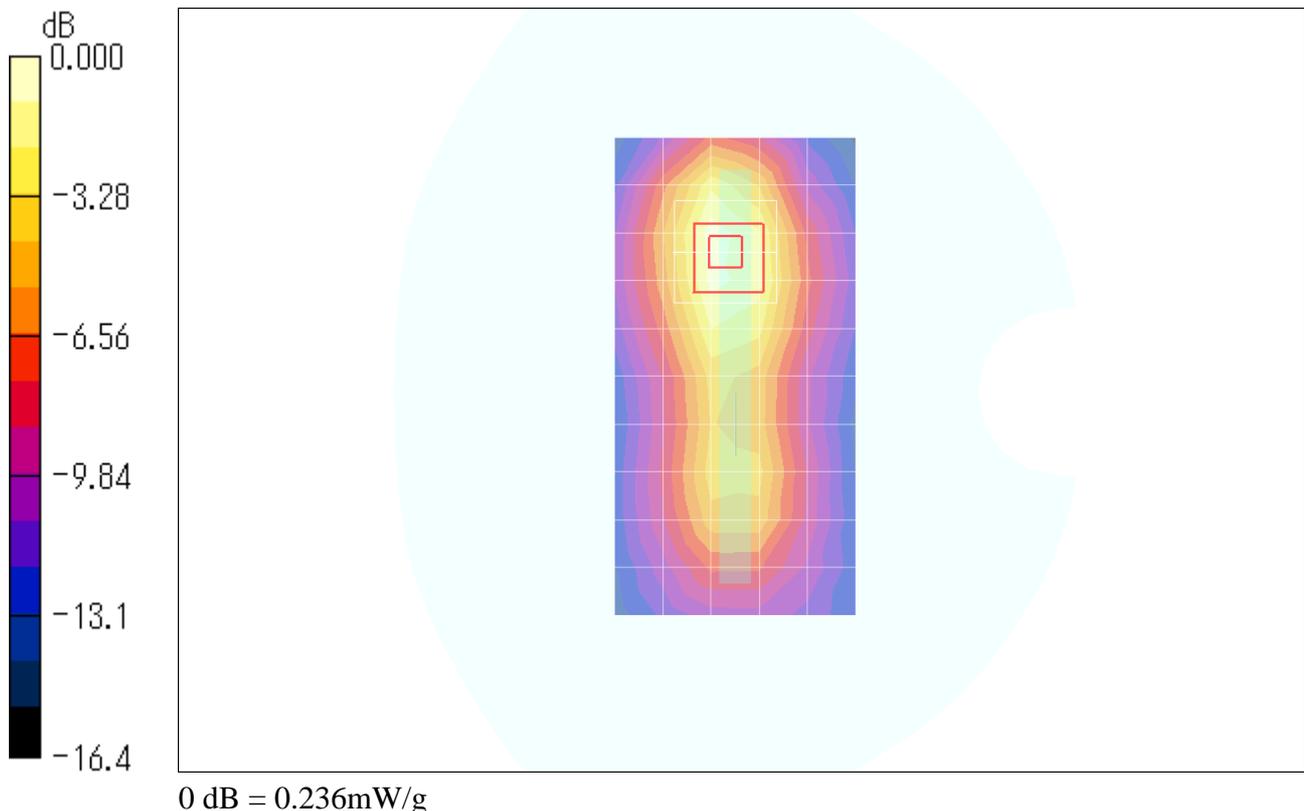Maximum value of SAR (measured) = 0.214 mW/g

Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

0 dB = 0.236mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 512ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium: MSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
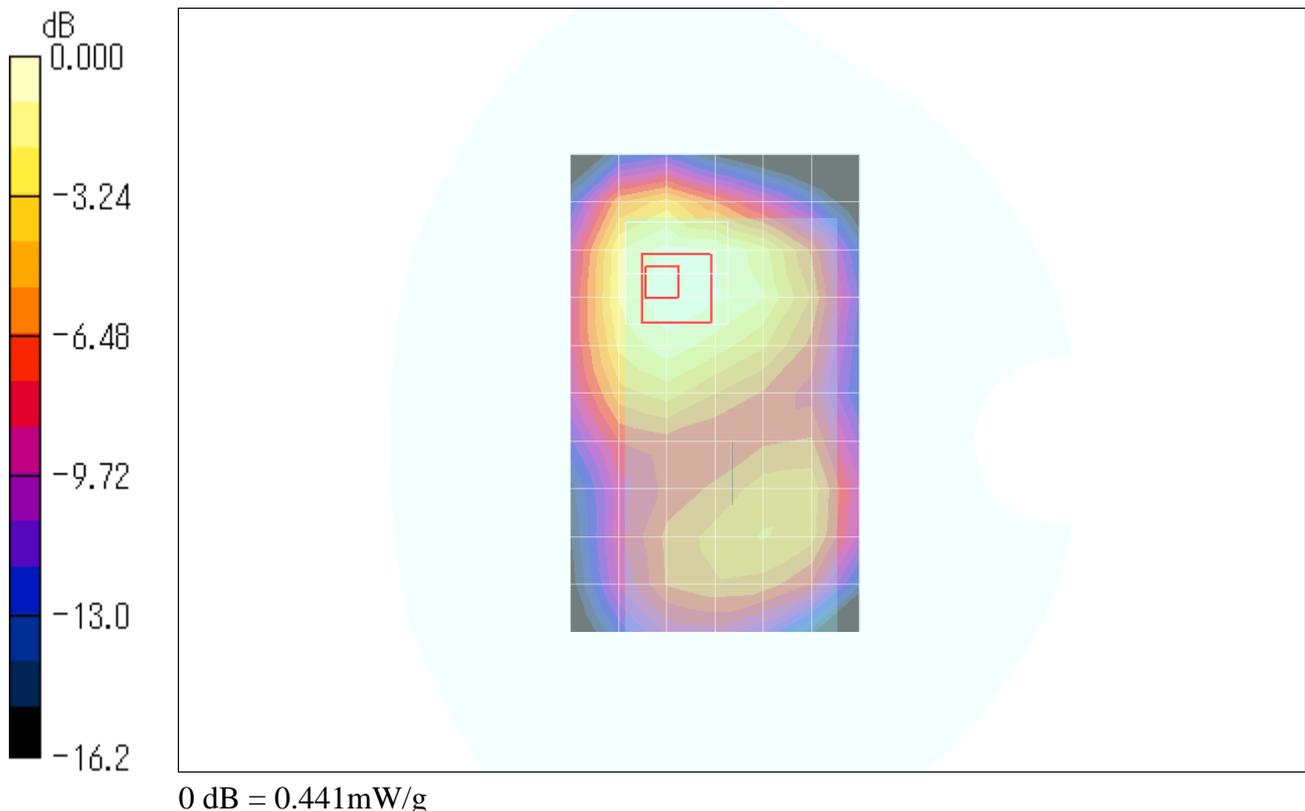Maximum value of SAR (measured) = 0.426 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.646 W/kg
SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.259 mW/g
Maximum value of SAR (measured) = 0.441 mW/g

0 dB = 0.441mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 512ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\varepsilon_r = 52.8$; $\rho = 1000$ kg/m^3
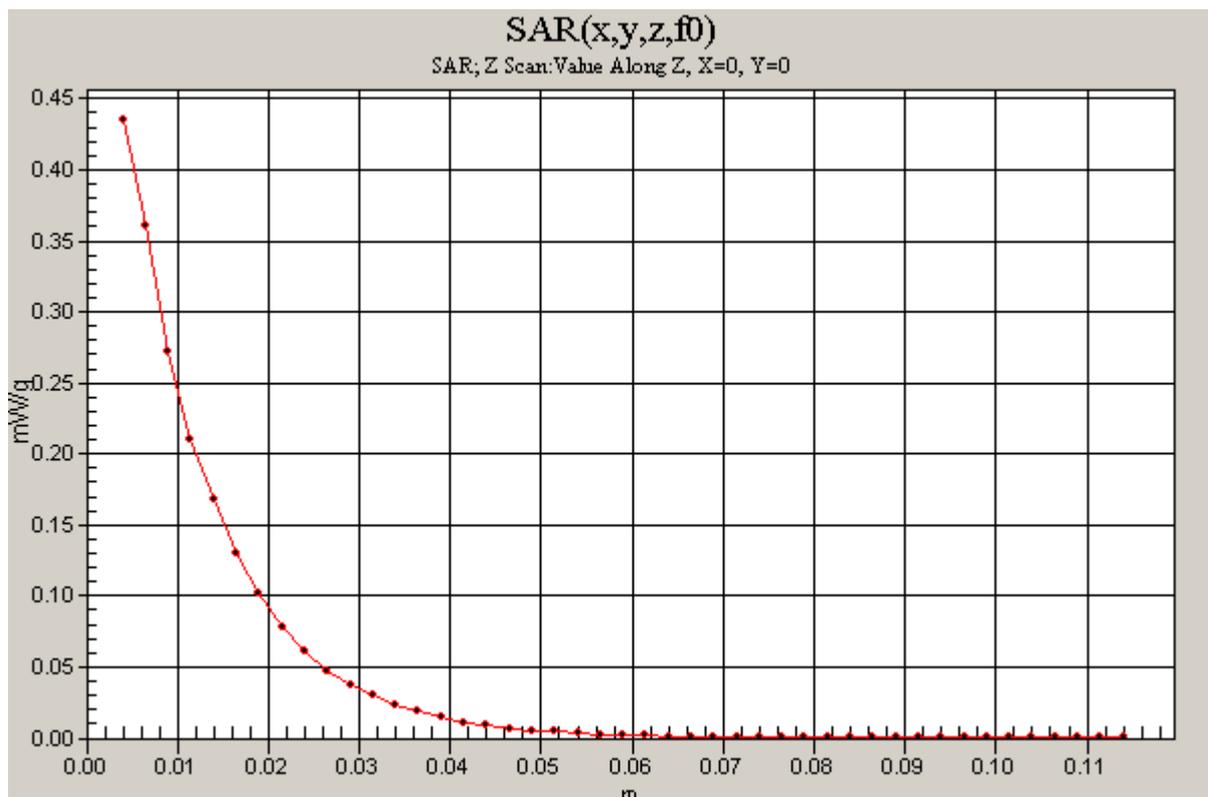
Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (measured) = 0.435 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
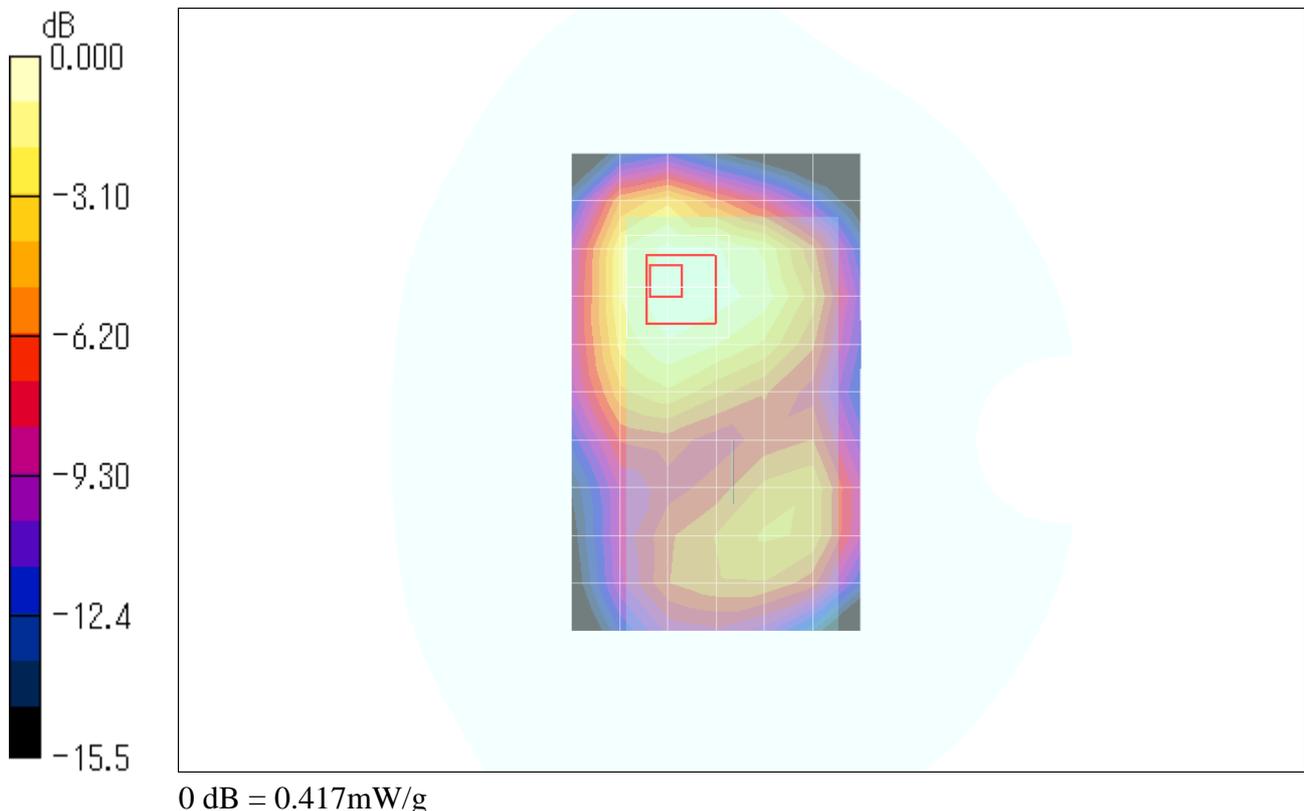Maximum value of SAR (measured) = 0.408 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.1 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.250 mW/g
Maximum value of SAR (measured) = 0.417 mW/g

0 dB = 0.417mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 810ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium: MSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.56 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
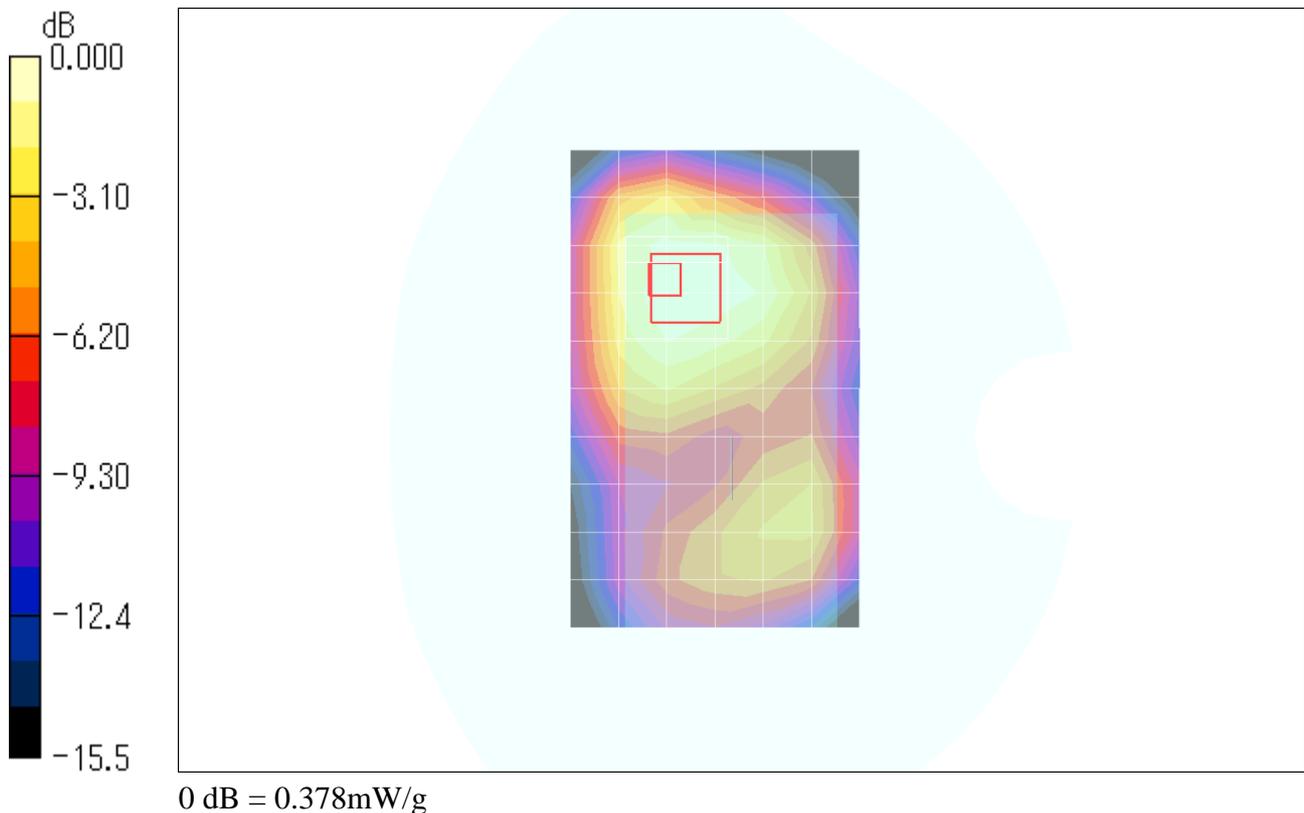Maximum value of SAR (measured) = 0.372 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.228 mW/g
Maximum value of SAR (measured) = 0.378 mW/g

0 dB = 0.378mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
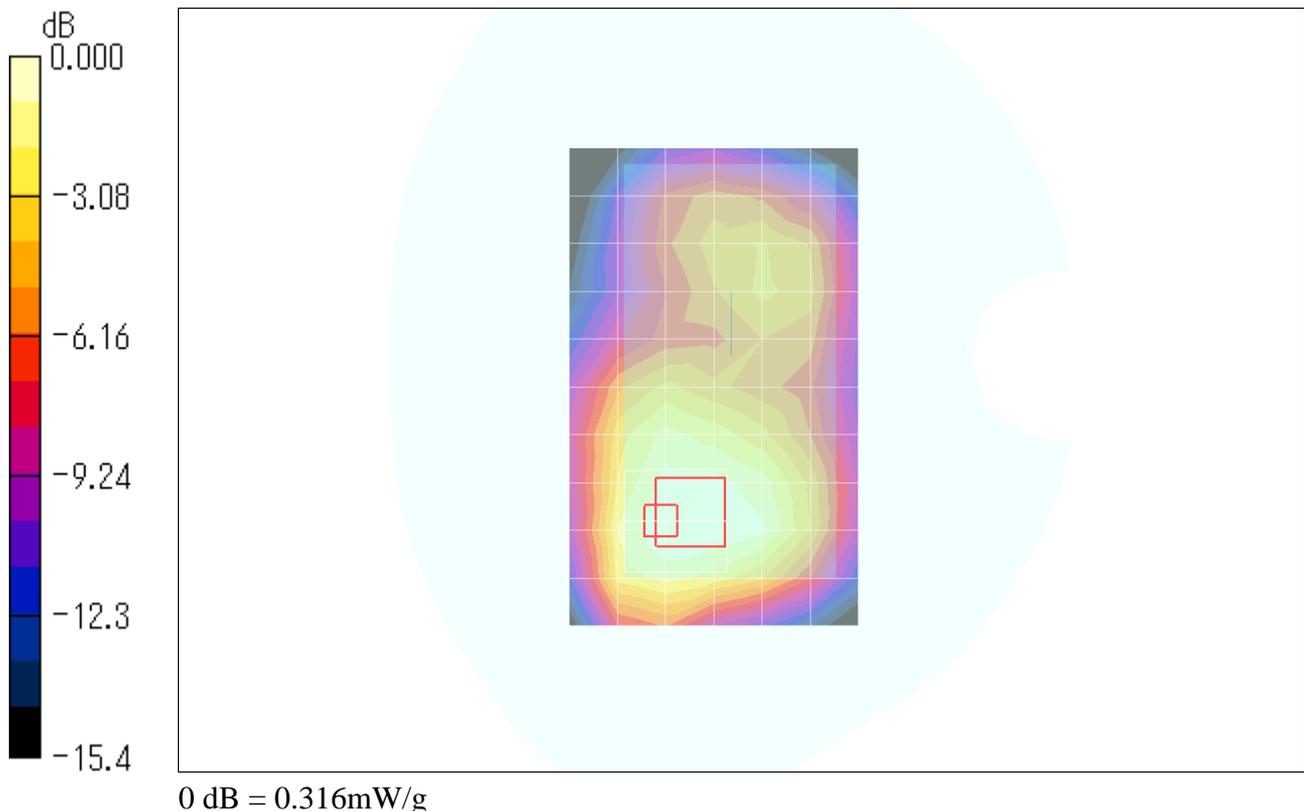Maximum value of SAR (measured) = 0.314 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.4 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.499 W/kg
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.316 mW/g

0 dB = 0.316mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 512ch / PCS 1900 - GPRS 2slot

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15

Medium: MSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.43, 4.43, 4.43); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Front Side w/headset/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
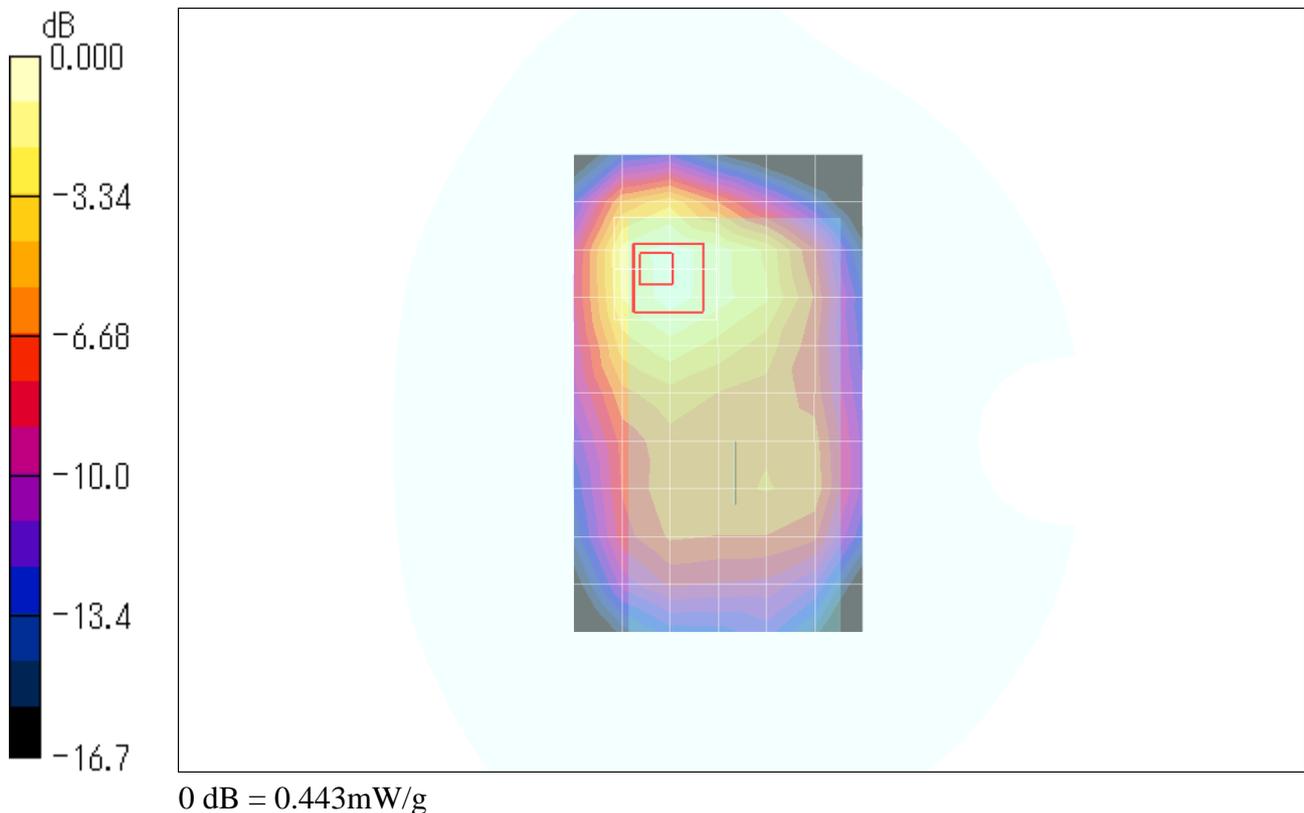Maximum value of SAR (measured) = 0.390 mW/g

Front Side w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.245 mW/g
Maximum value of SAR (measured) = 0.443 mW/g

0 dB = 0.443mW/g

Attachment 2-4 – SAR Test Plots (WLAN)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.79 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
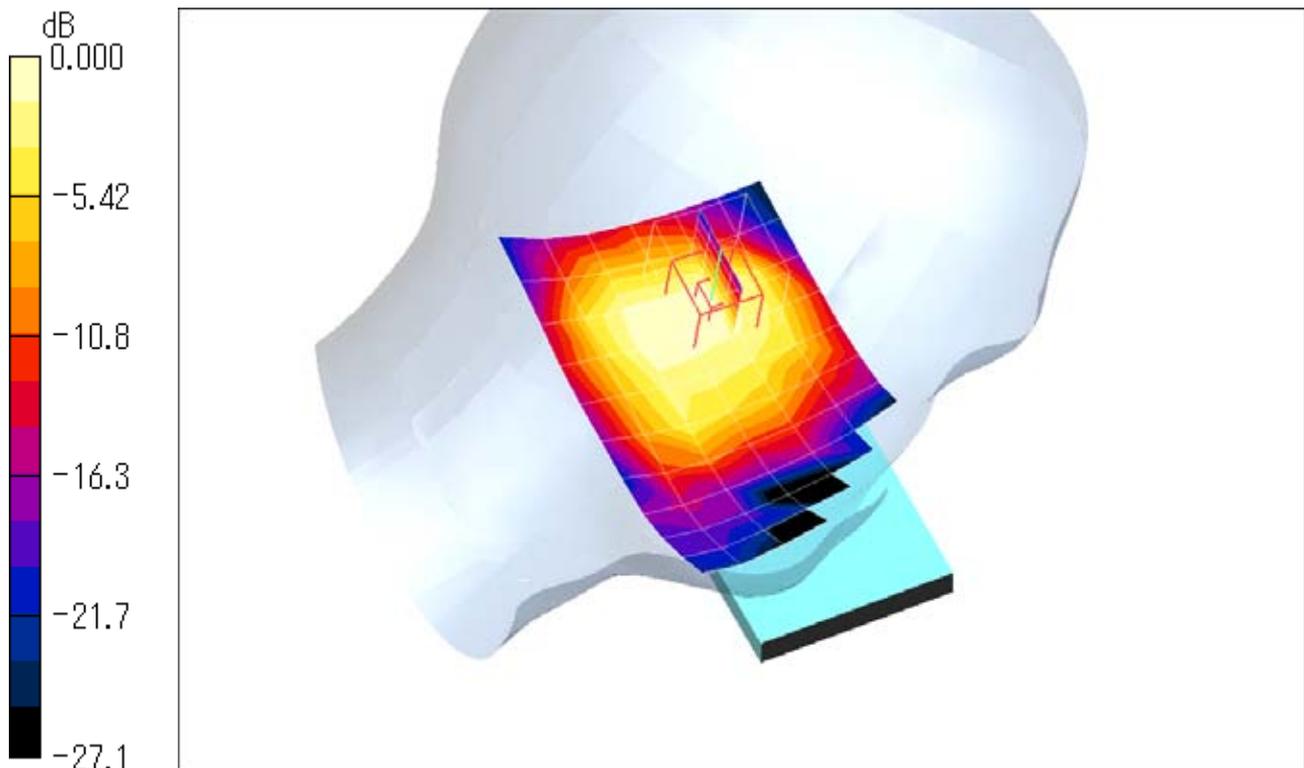Maximum value of SAR (measured) = 0.129 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.10 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.139 mW/g

0 dB = 0.139mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.79 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Ear/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

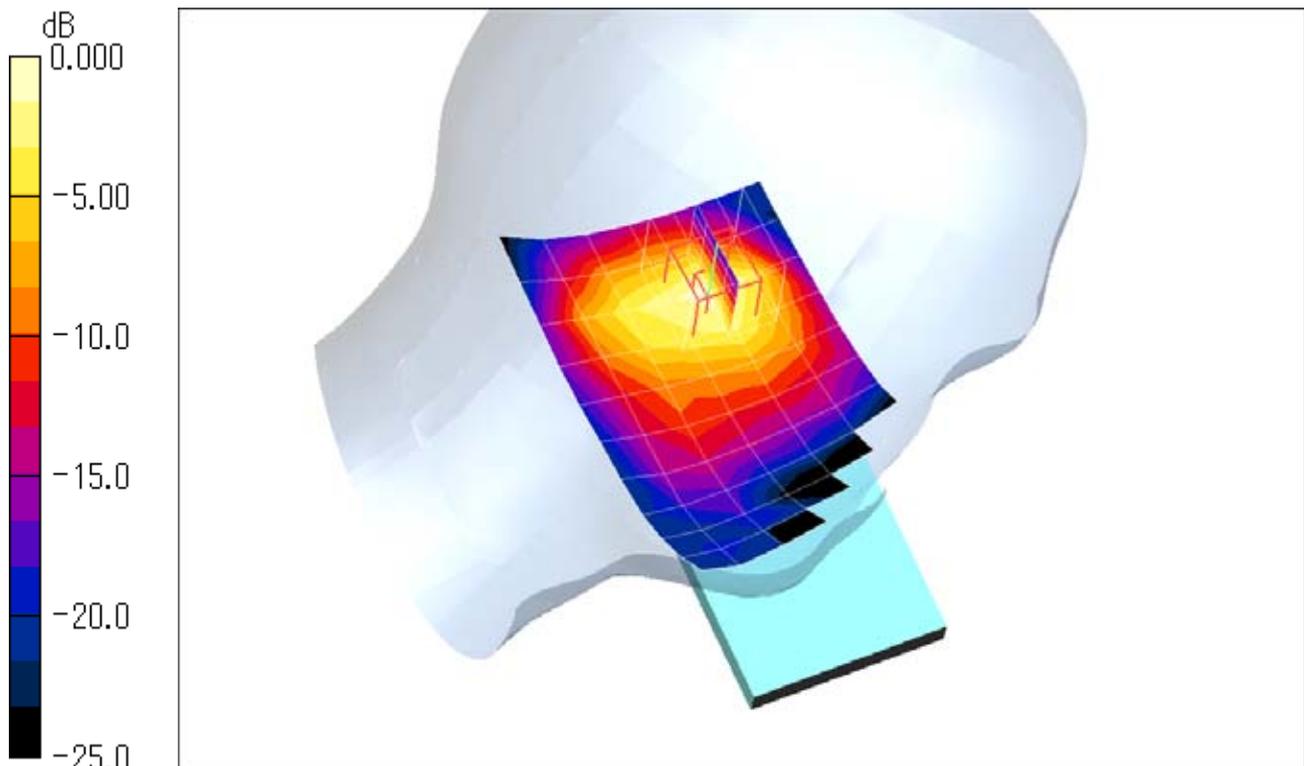Maximum value of SAR (measured) = 0.185 mW/g

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

Reference Value = 9.23 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.063 mW/g

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

0 dB = 0.189mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 1ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: f = 2412 MHz; σ = 1.76 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

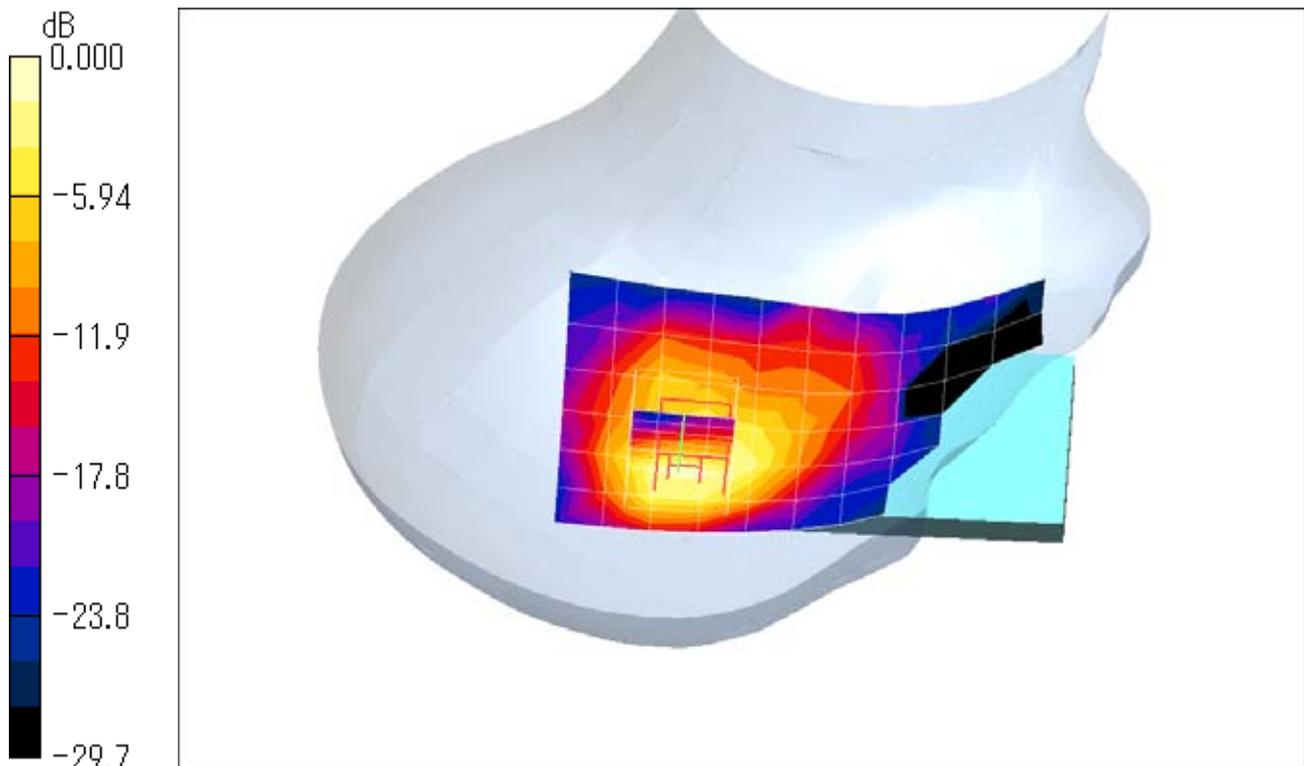Maximum value of SAR (measured) = 0.219 mW/g

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

Reference Value = 5.80 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.263 mW/g

0 dB = 0.263mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.79 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
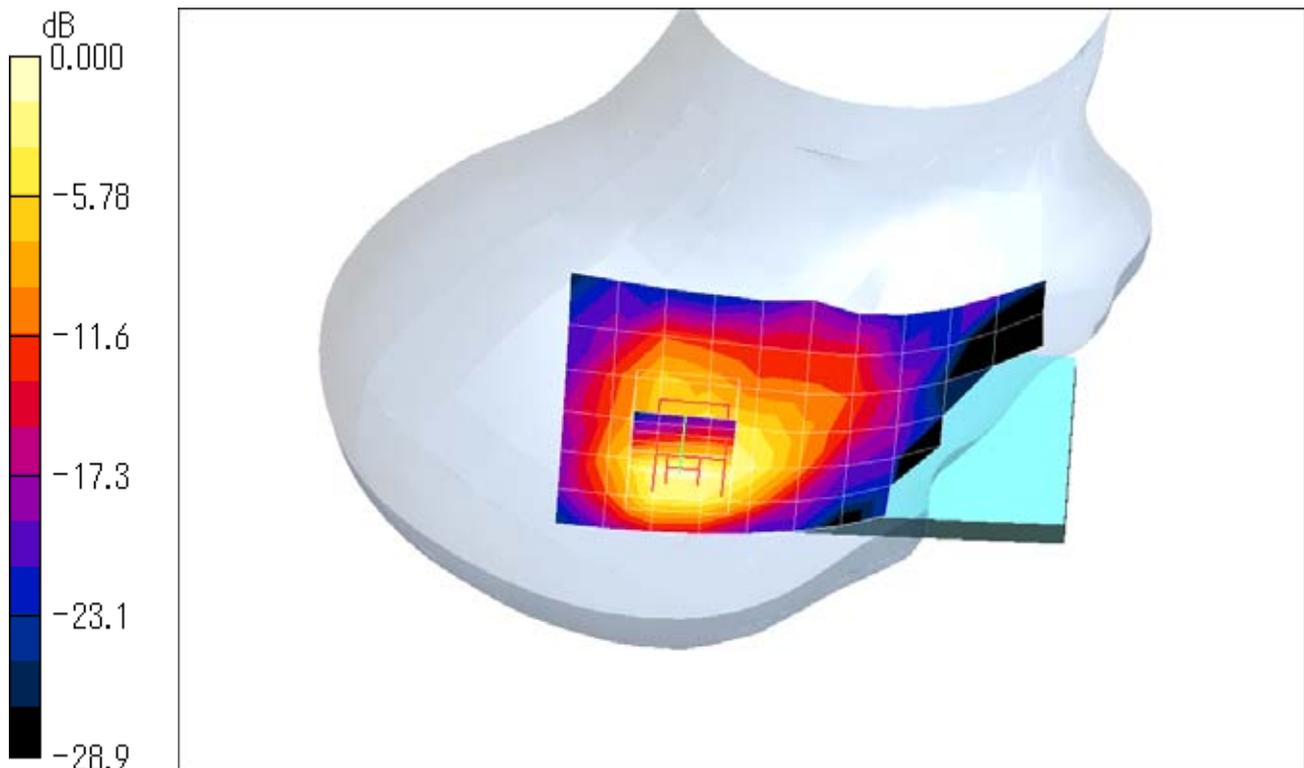Maximum value of SAR (measured) = 0.269 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.37 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.320 mW/g

0 dB = 0.320mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 11ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: f = 2462 MHz; σ = 1.82 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
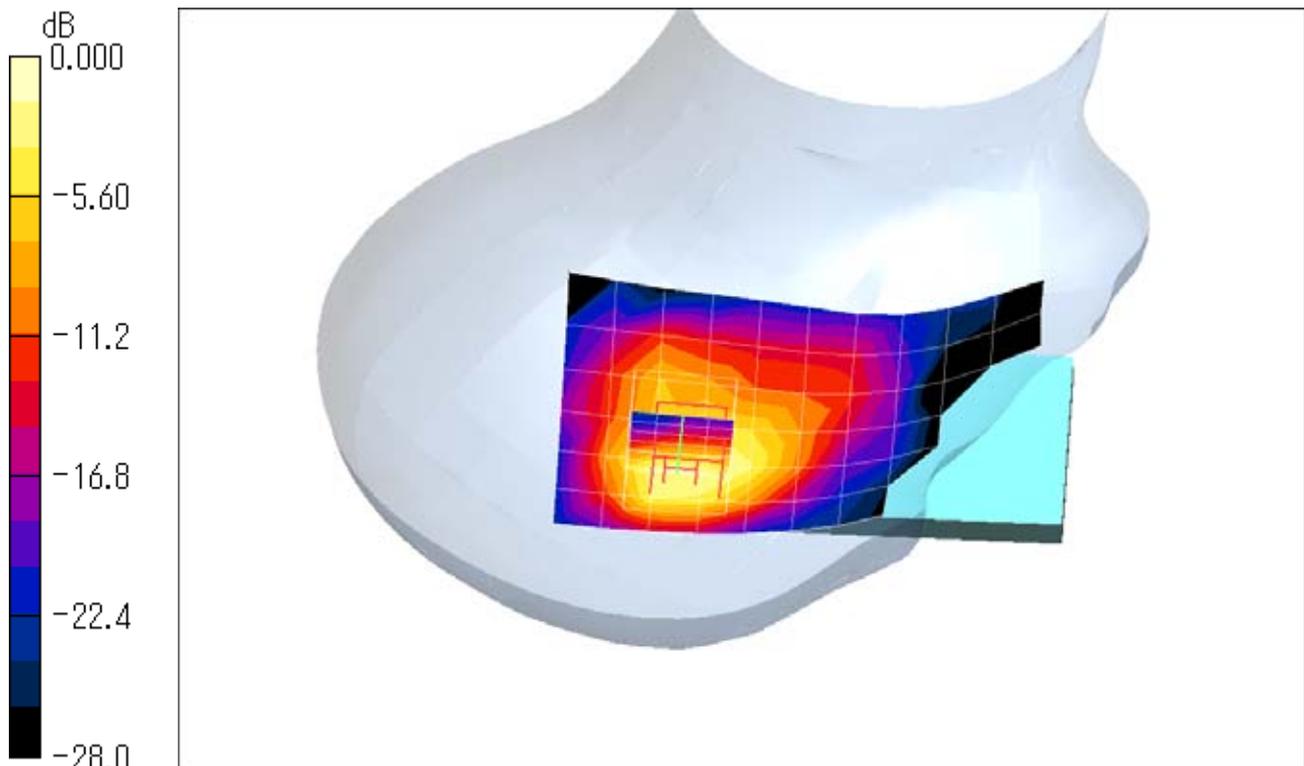Maximum value of SAR (measured) = 0.279 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.24 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.352 mW/g

0 dB = 0.352mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.79 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Ear/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
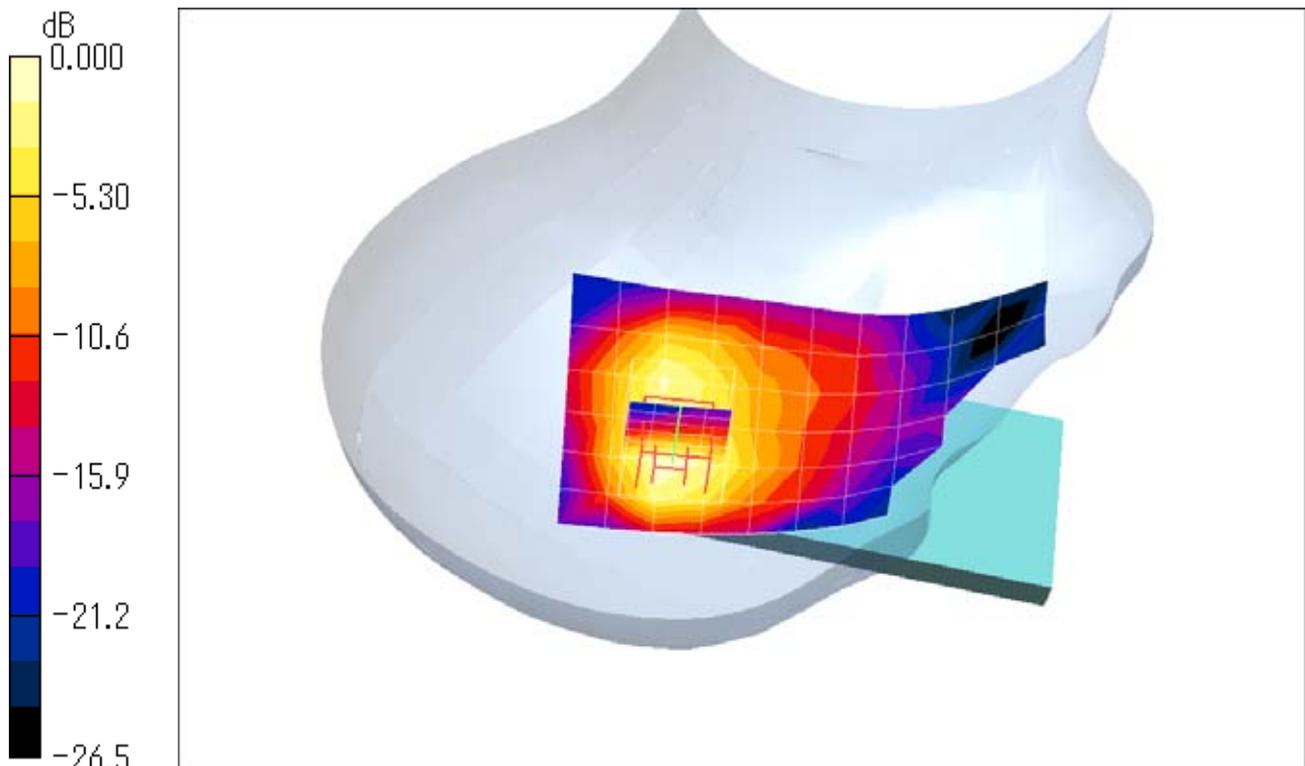Maximum value of SAR (measured) = 0.179 mW/g

Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.54 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.191 mW/g

0 dB = 0.191mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 5.5Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.79 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

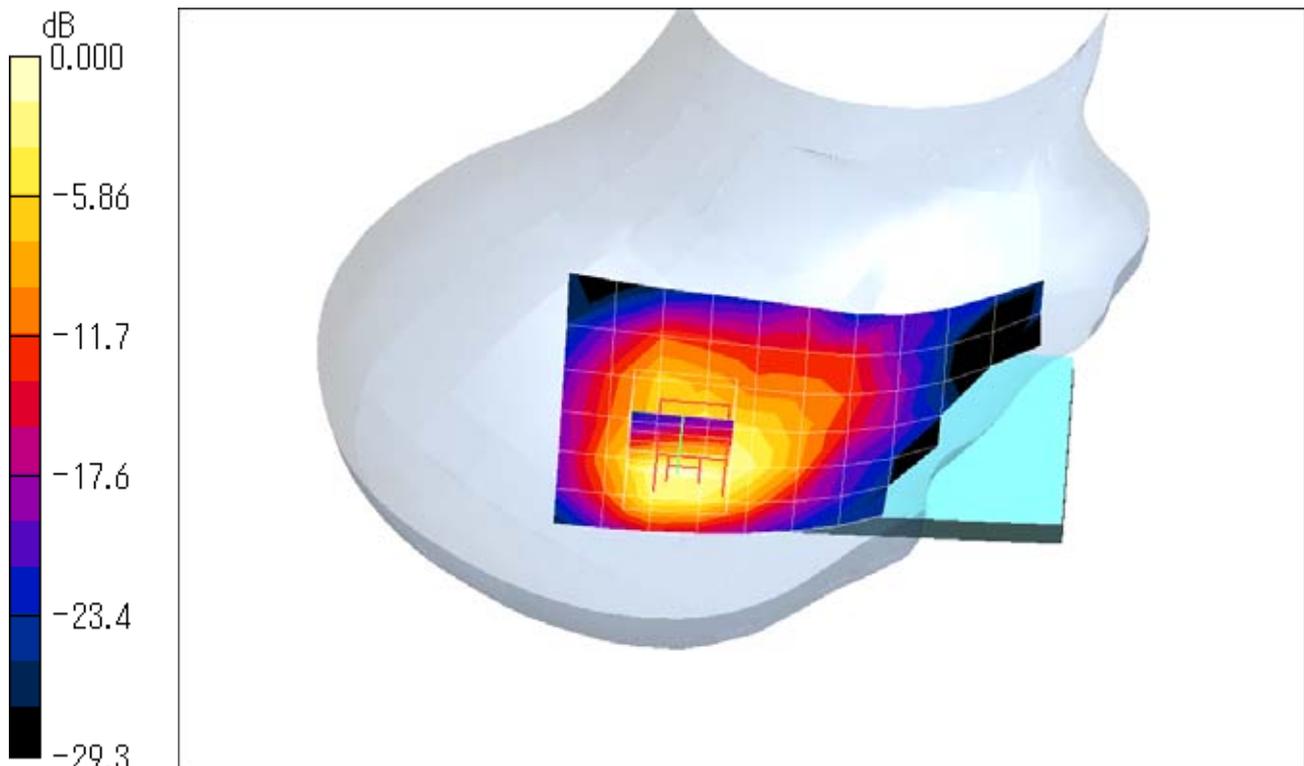Maximum value of SAR (measured) = 0.282 mW/g

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

Reference Value = 6.37 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.338 mW/g

0 dB = 0.338mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 11Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.79 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Cheek/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
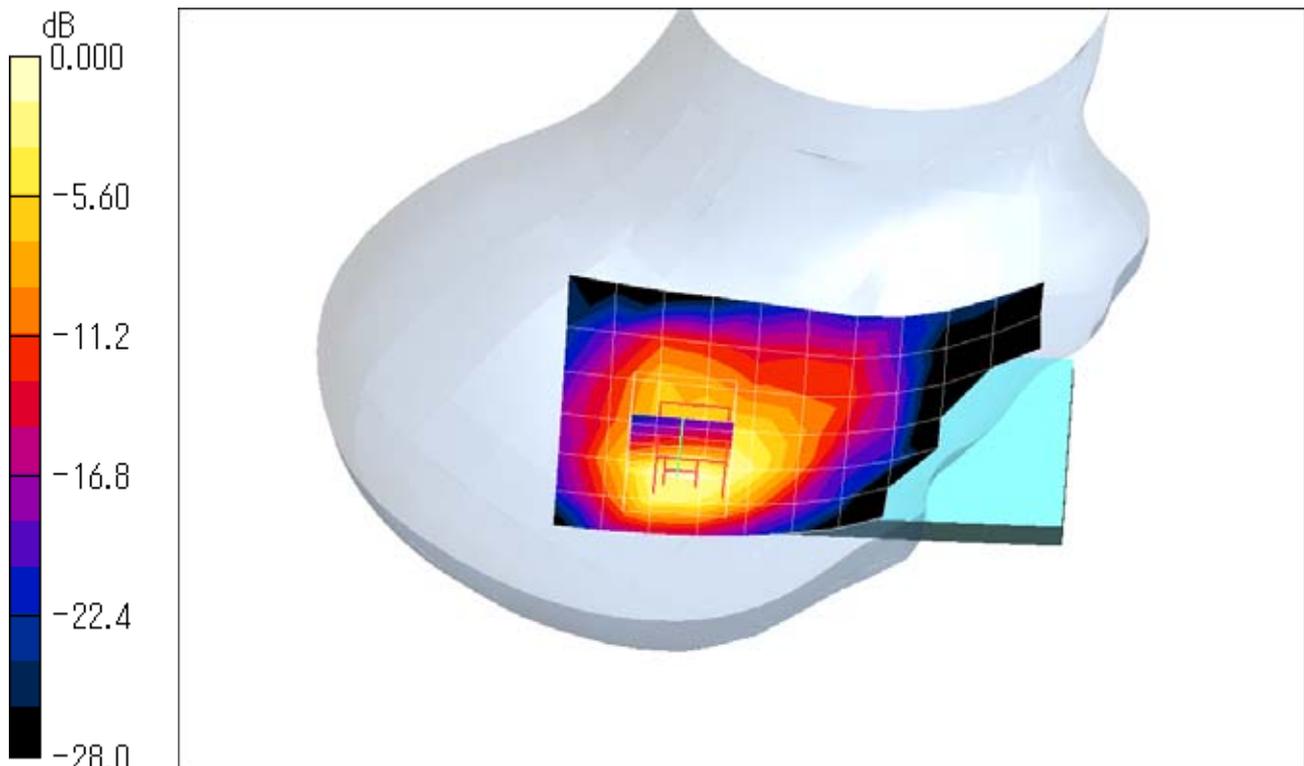Maximum value of SAR (measured) = 0.292 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.48 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.351 mW/g

0 dB = 0.351mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 11Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.79 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
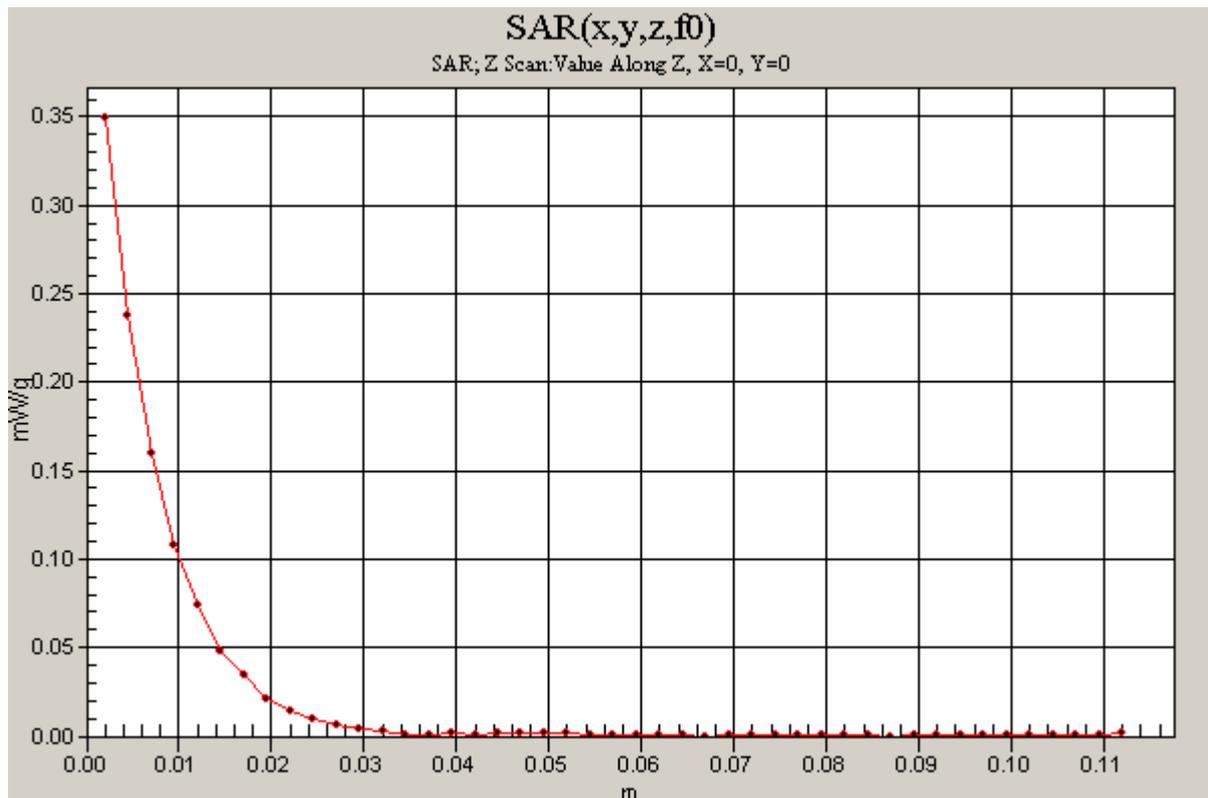
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (measured) = 0.349 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 1ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Top Edge/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
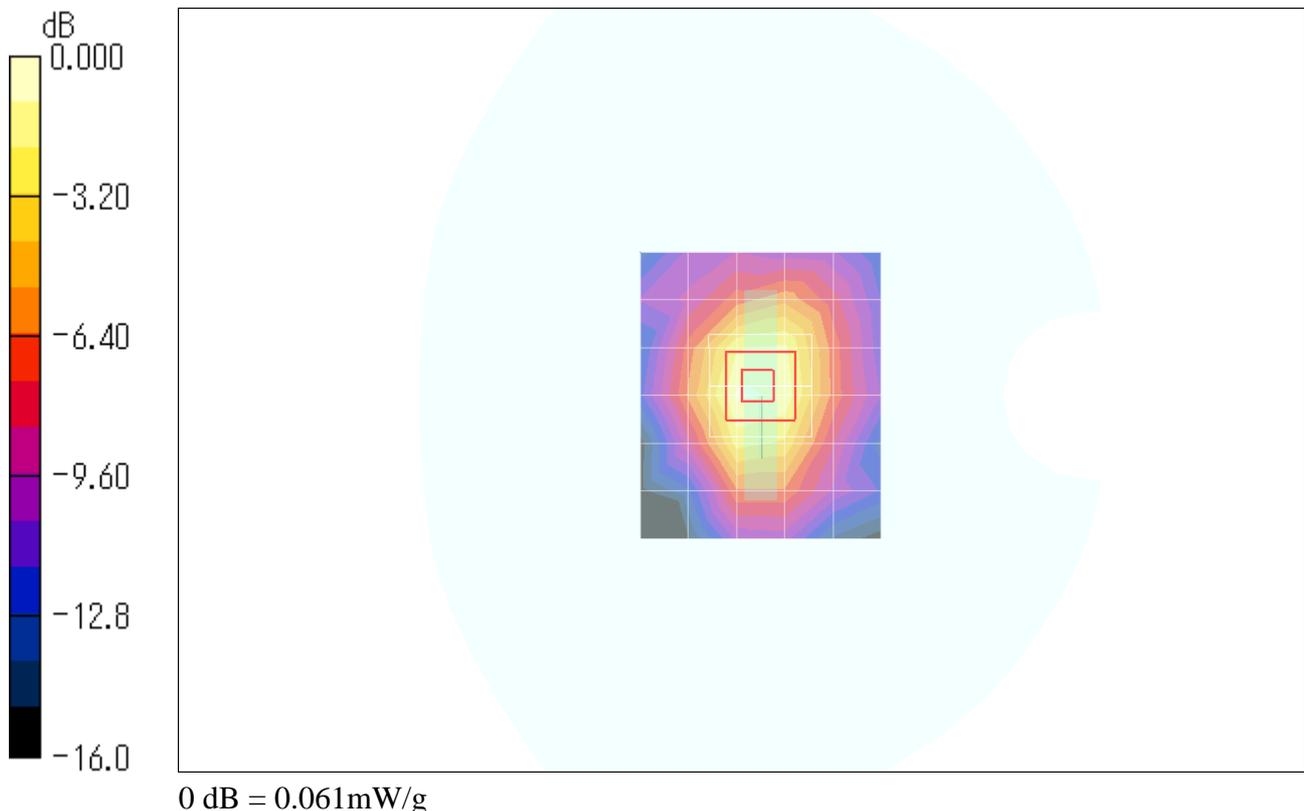Maximum value of SAR (measured) = 0.051 mW/g

Top Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.62 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.079 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.061 mW/g

0 dB = 0.061mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.92 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Top Edge/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
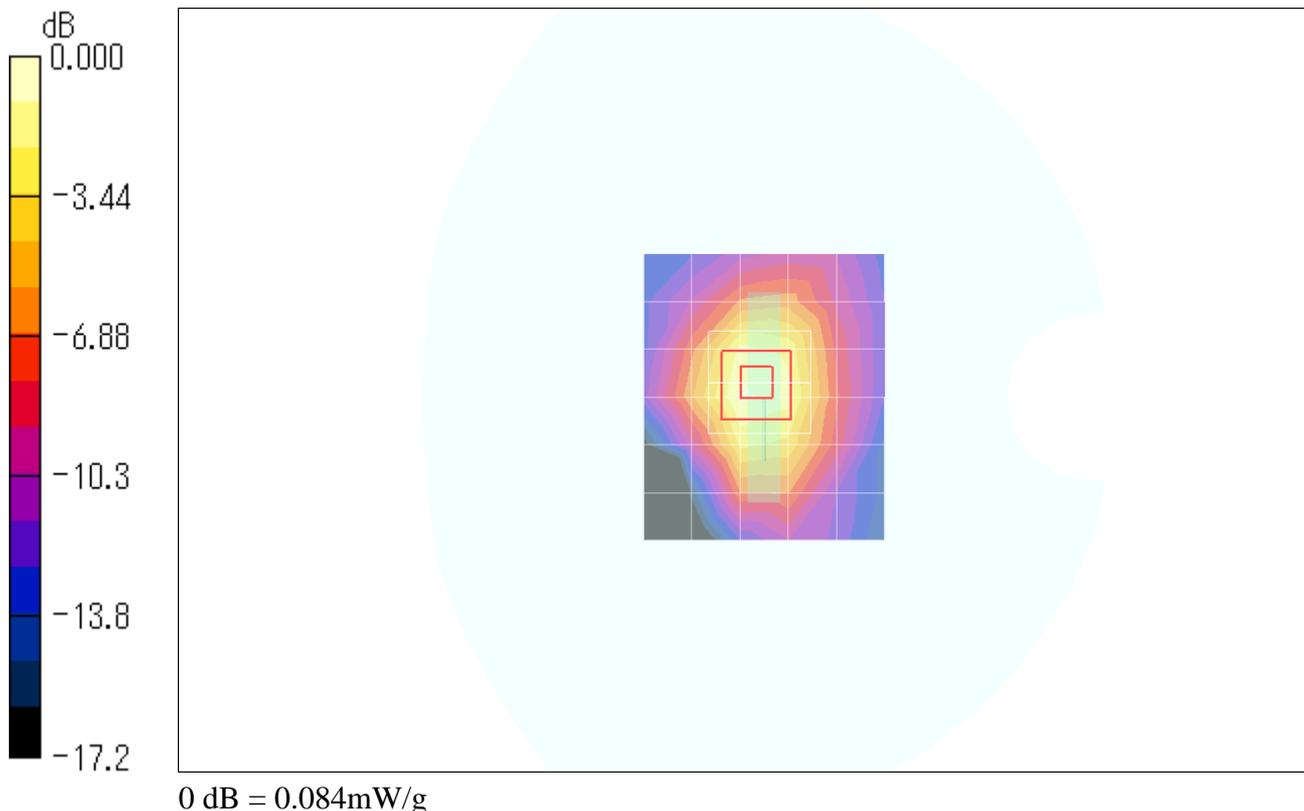Maximum value of SAR (measured) = 0.070 mW/g

Top Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.50 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.084 mW/g

0 dB = 0.084mW/g

JQA

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 11ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 1.95 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Top Edge/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
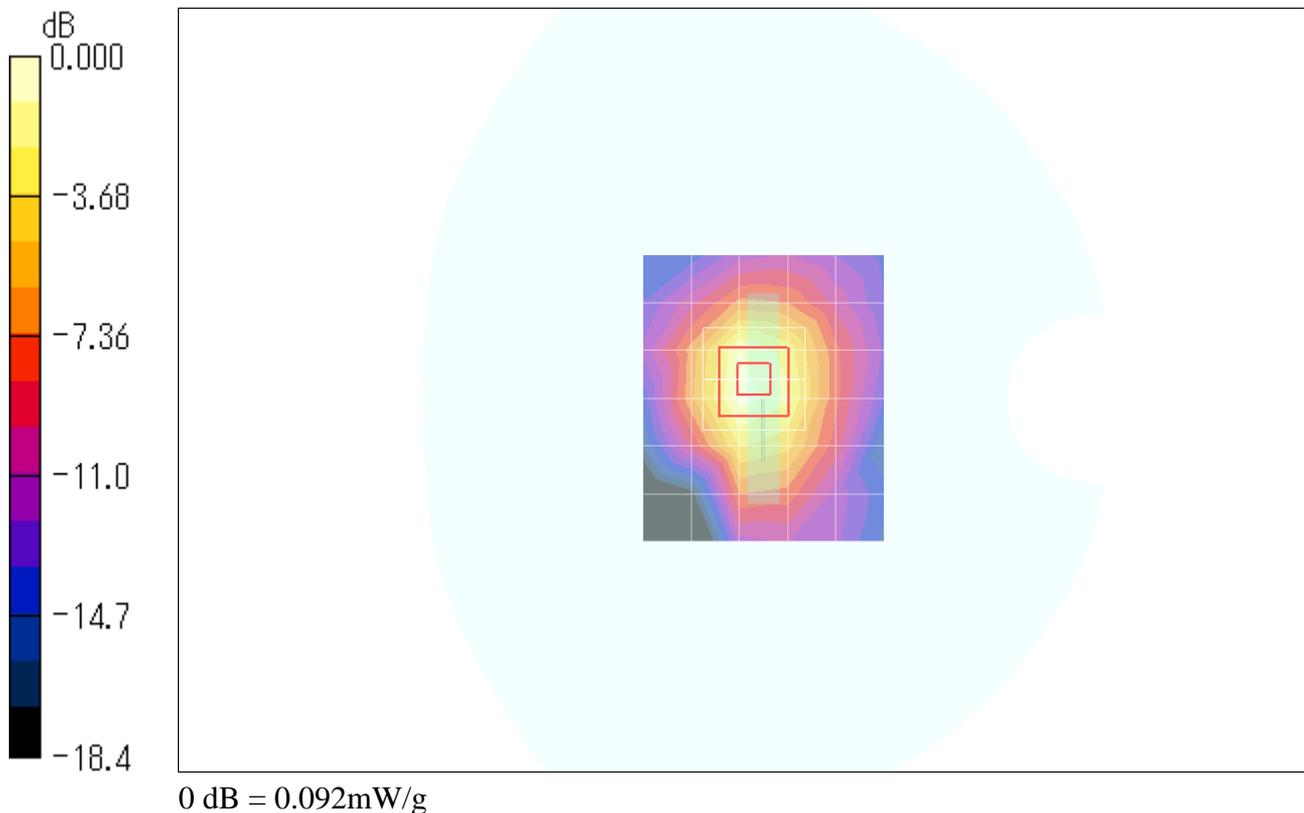Maximum value of SAR (measured) = 0.082 mW/g

Top Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.74 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.121 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.092 mW/g

0 dB = 0.092mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 11ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 1.95 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
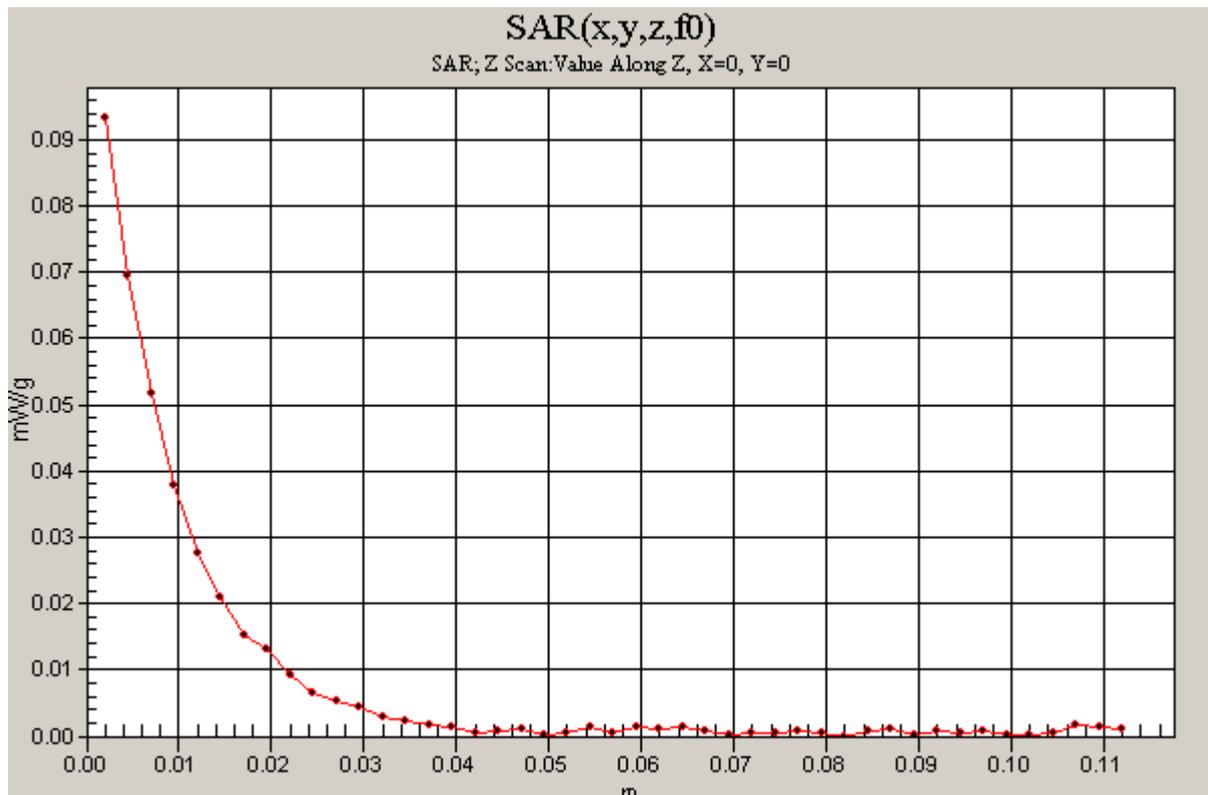
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Top Edge/Z Scan (1x1x45): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.093 mW/g

JQA

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.92 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Left Edge/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
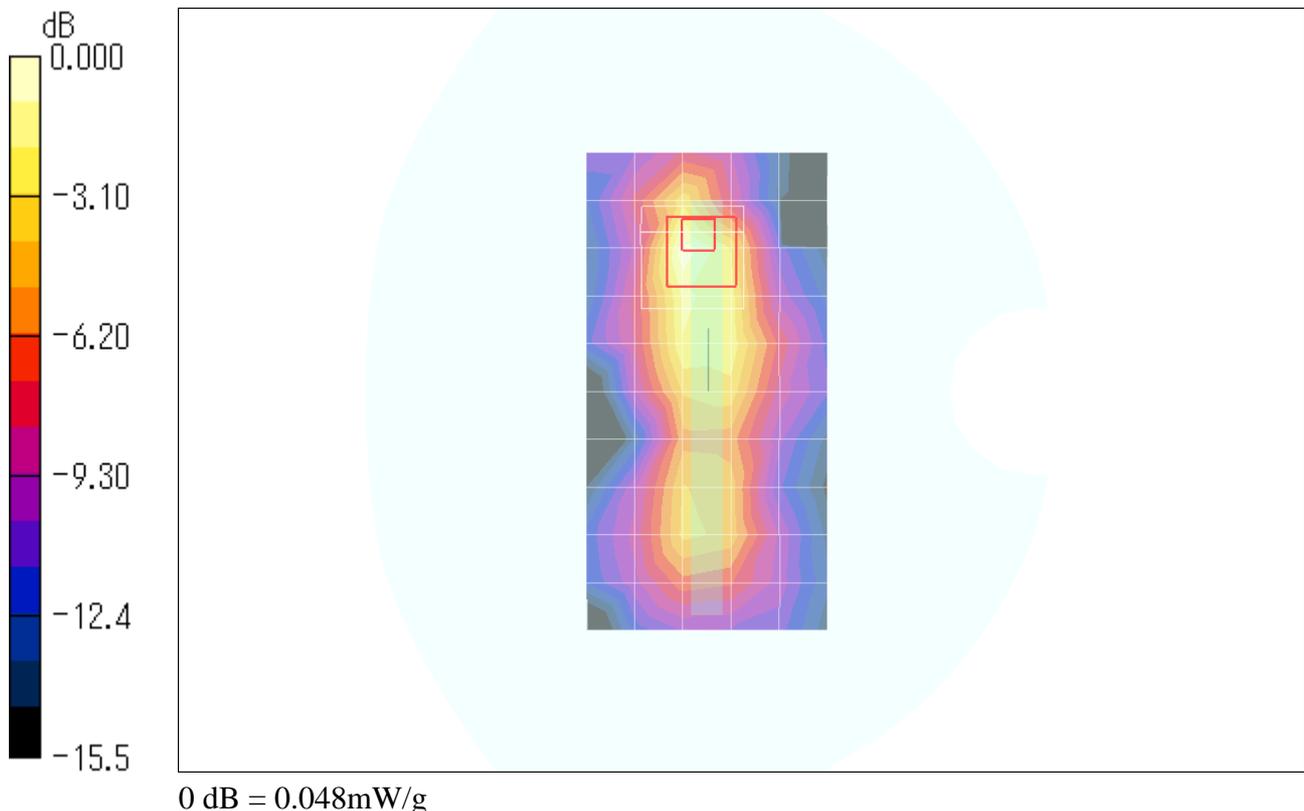Maximum value of SAR (measured) = 0.046 mW/g

Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.70 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.048 mW/g

dB
0.000
-3.10
-6.20
-9.30
-12.4
-15.5

0 dB = 0.048mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.92 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Front Side/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
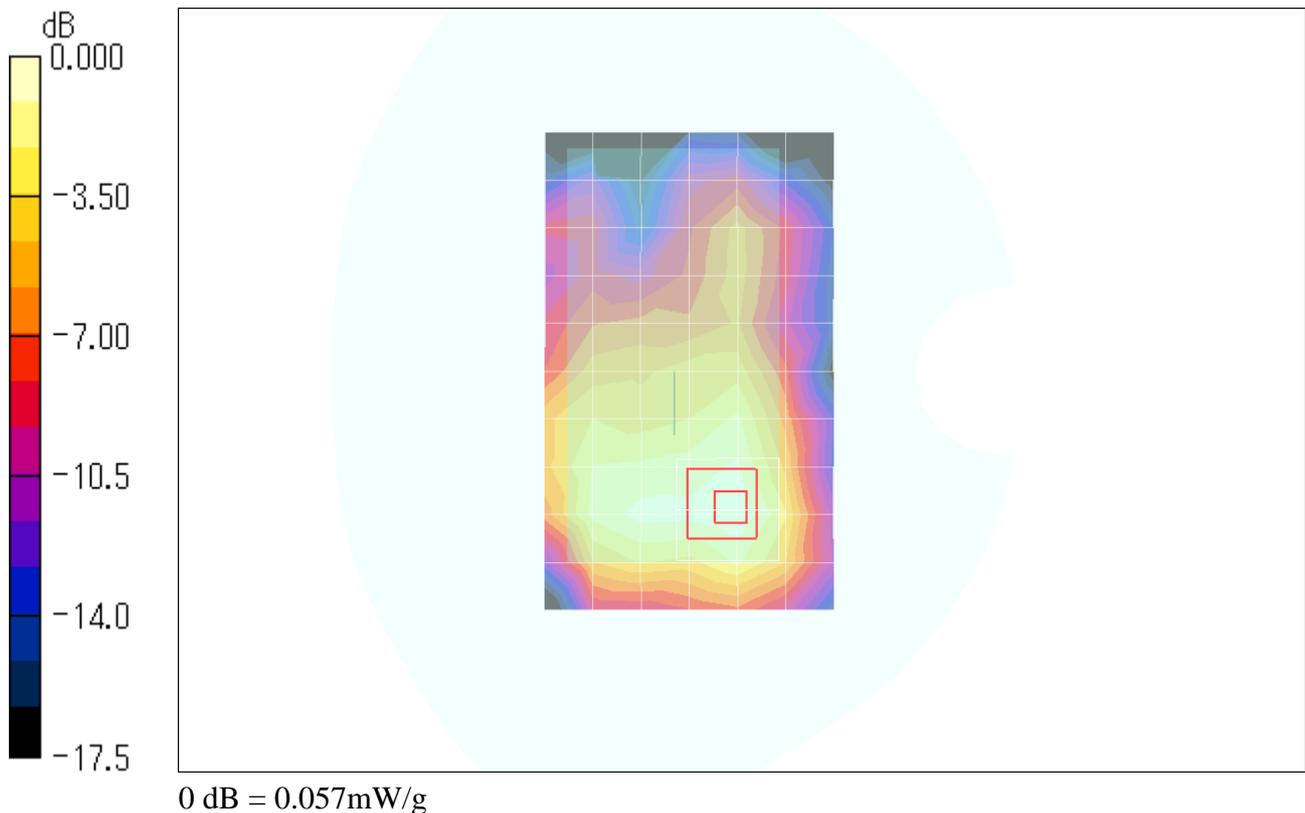Maximum value of SAR (measured) = 0.058 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.53 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.079 W/kg
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.057 mW/g

0 dB = 0.057mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.92 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.071 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.19 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.099 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.026 mW/g
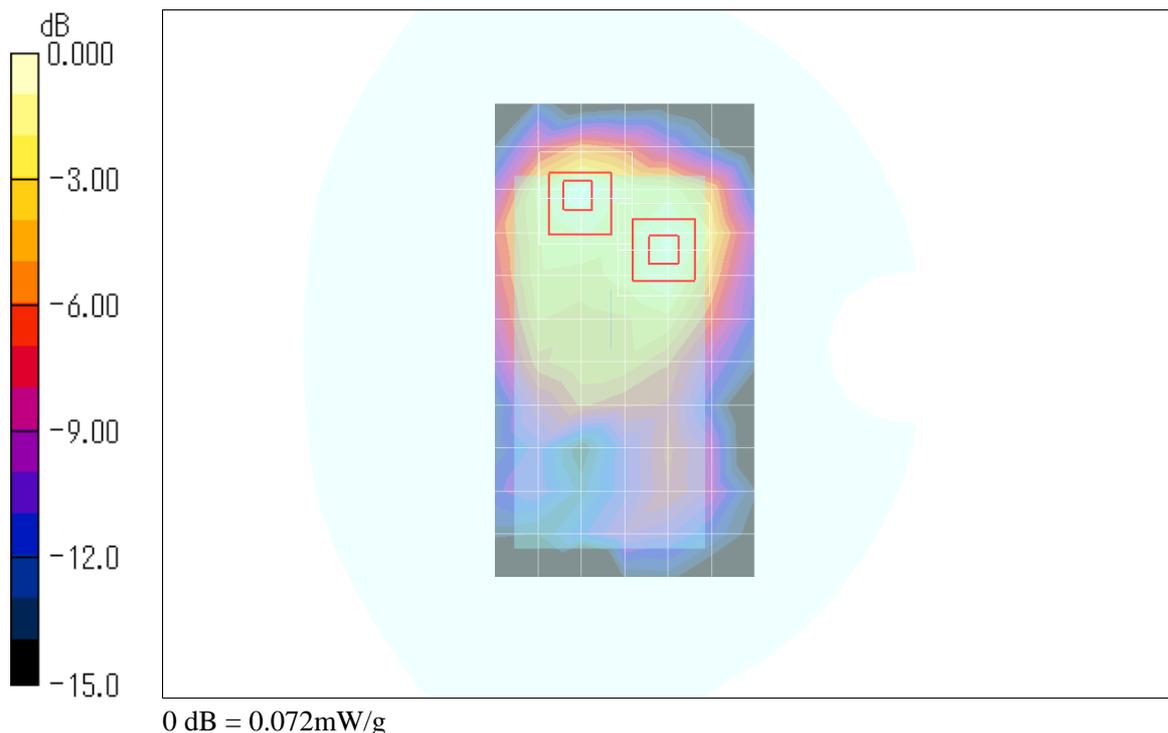Maximum value of SAR (measured) = 0.072 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.19 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.066 mW/g

0 dB = 0.072mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.92 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Rear Side w/headset/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
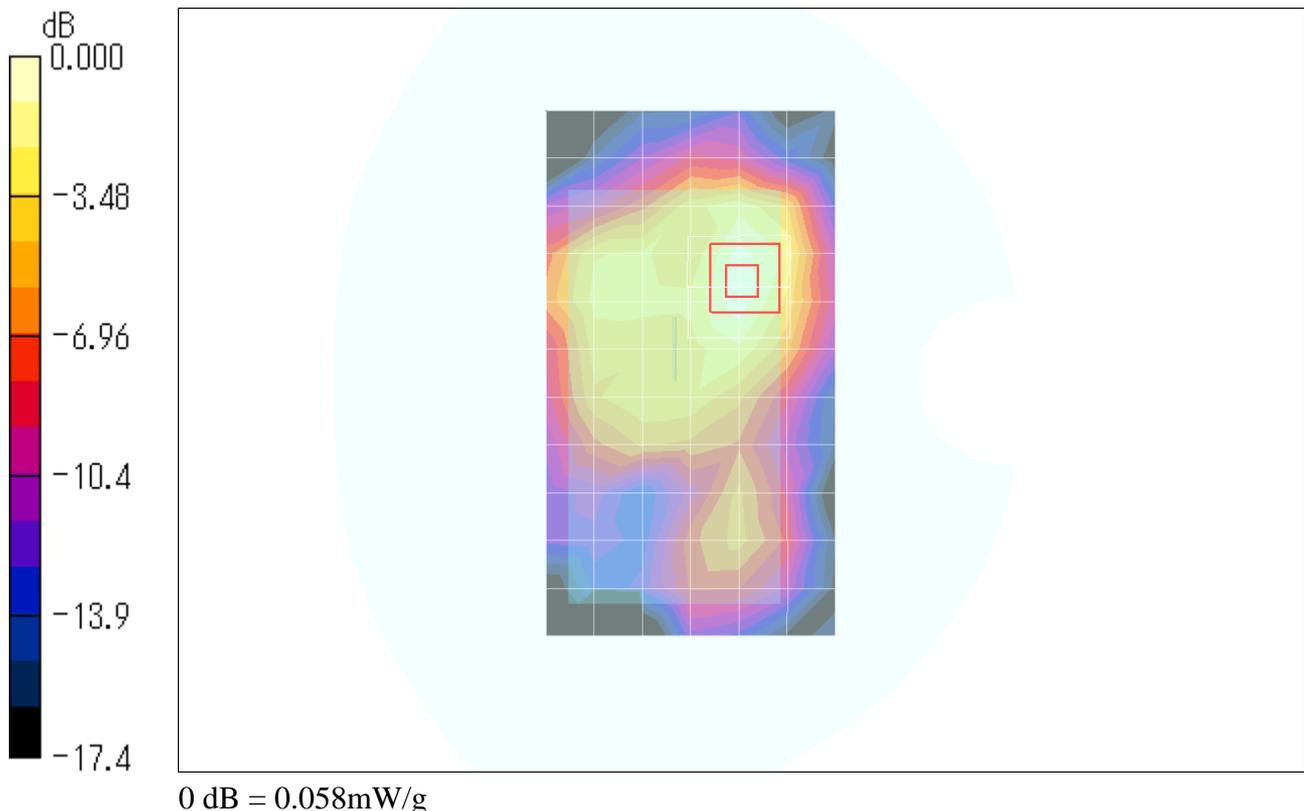Maximum value of SAR (measured) = 0.054 mW/g

Rear Side w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.11 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.058 mW/g

0 dB = 0.058mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 5.5Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.92 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Top Edge/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
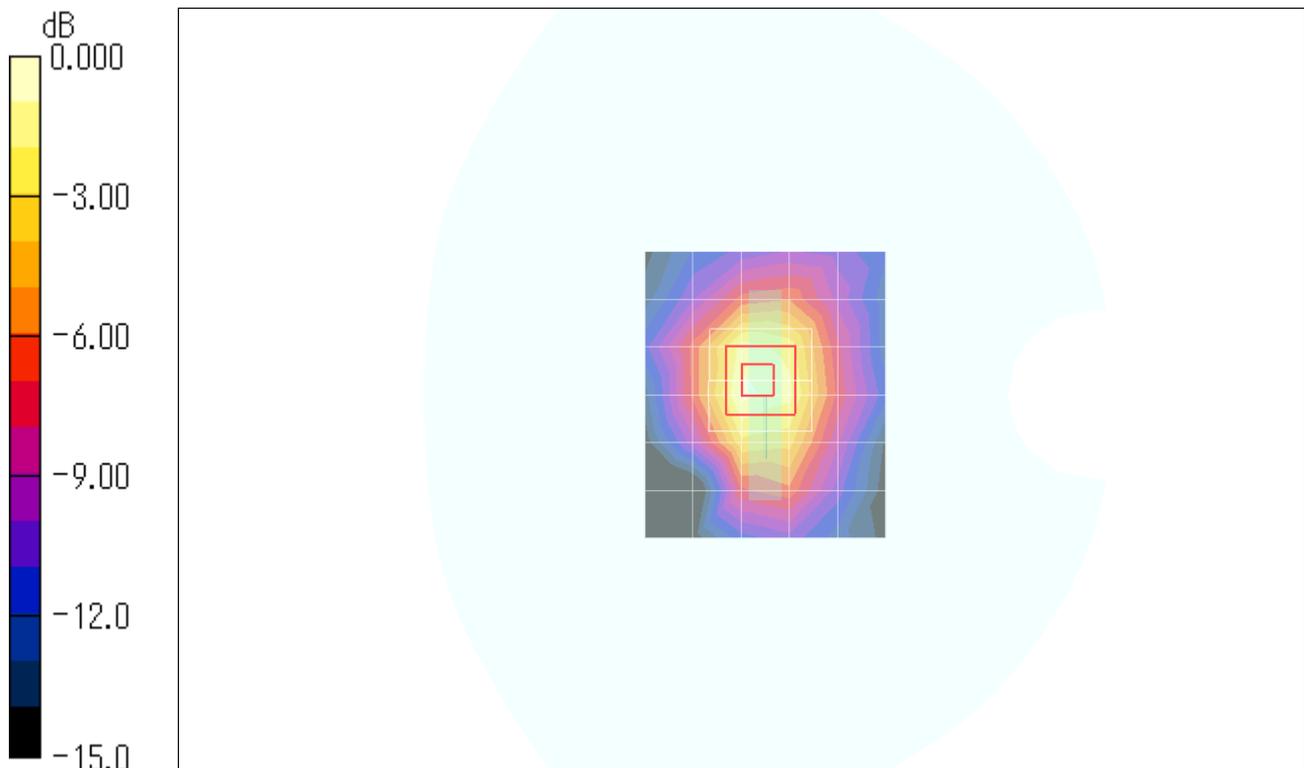Maximum value of SAR (measured) = 0.069 mW/g

Top Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.33 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.079 mW/g

dB
0.000
-3.00
-6.00
-9.00
-12.0
-15.0

0 dB = 0.079mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 11Mbps

DUT: Cellular Phone; Type: SH-09D; Serial: 004401113965228

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

Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.92 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 2011/11/14
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

Top Edge/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.077 mW/g

Top Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.68 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.086 mW/g

0 dB = 0.086mW/g