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 = 0.903 mho/m; ε_r = 42.8; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
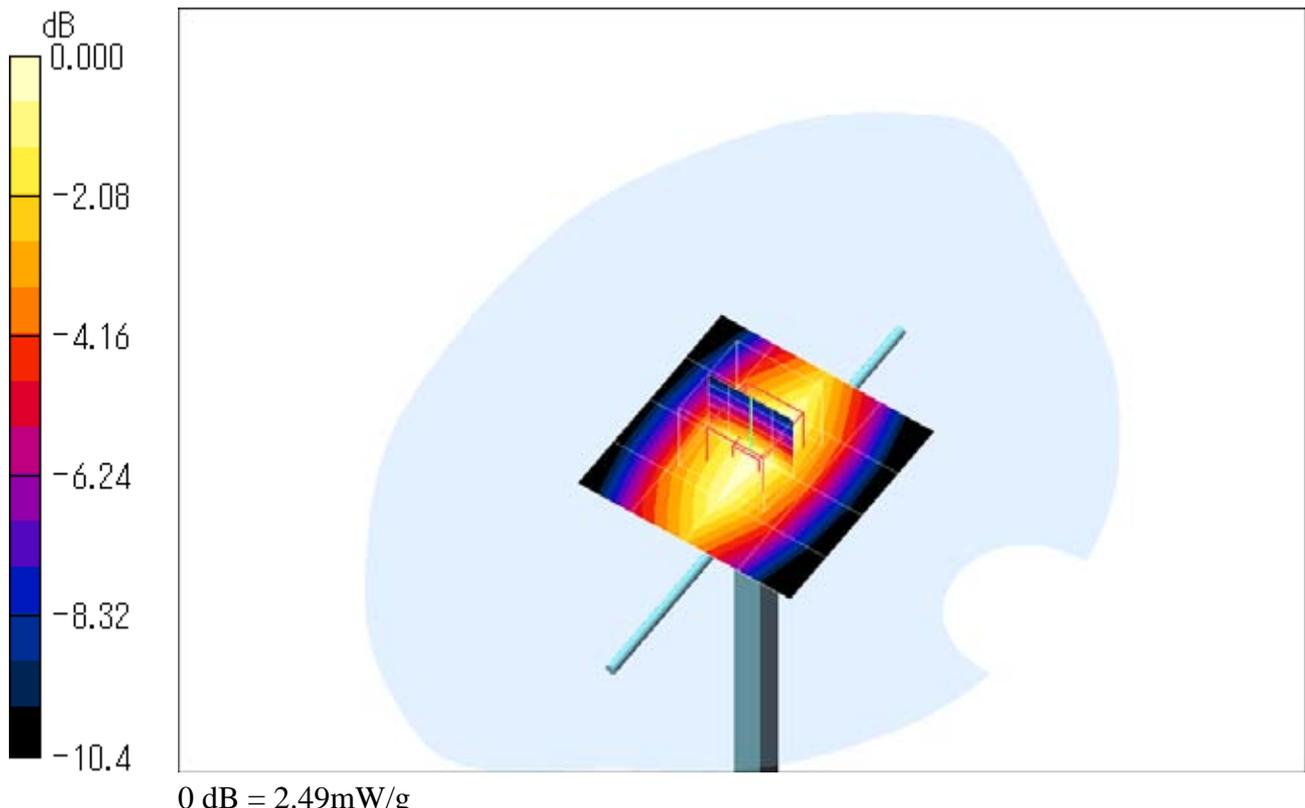Maximum value of SAR (measured) = 2.51 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.3 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 3.15 W/kg
SAR(1 g) = 2.29 mW/g; SAR(10 g) = 1.52 mW/g
Maximum value of SAR (measured) = 2.49 mW/g

0 dB = 2.49mW/g

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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 = 0.952 mho/m; ε_r = 55.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
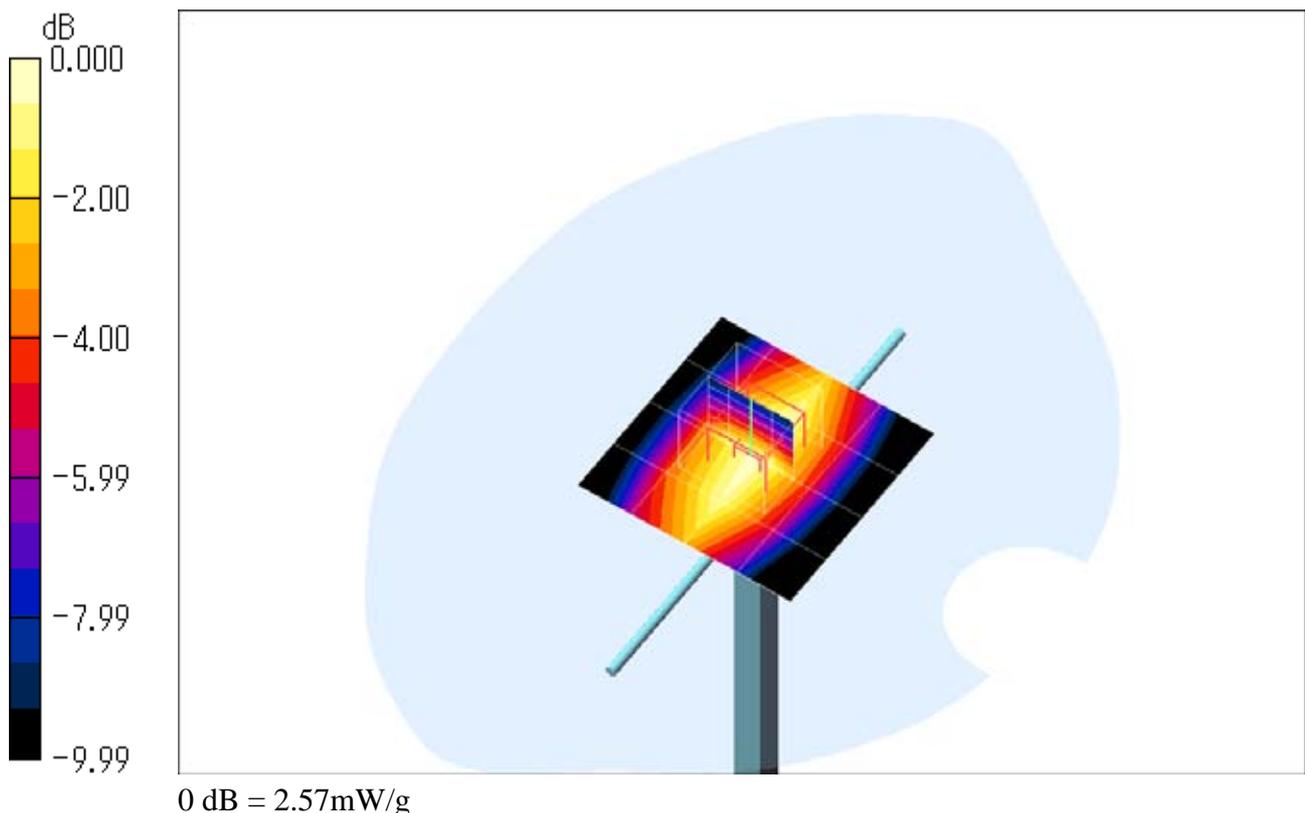Maximum value of SAR (measured) = 2.55 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.4 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 3.20 W/kg
SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.59 mW/g
Maximum value of SAR (measured) = 2.57 mW/g

0 dB = 2.57mW/g

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 = 1.45 mho/m; ε_r = 39.9; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
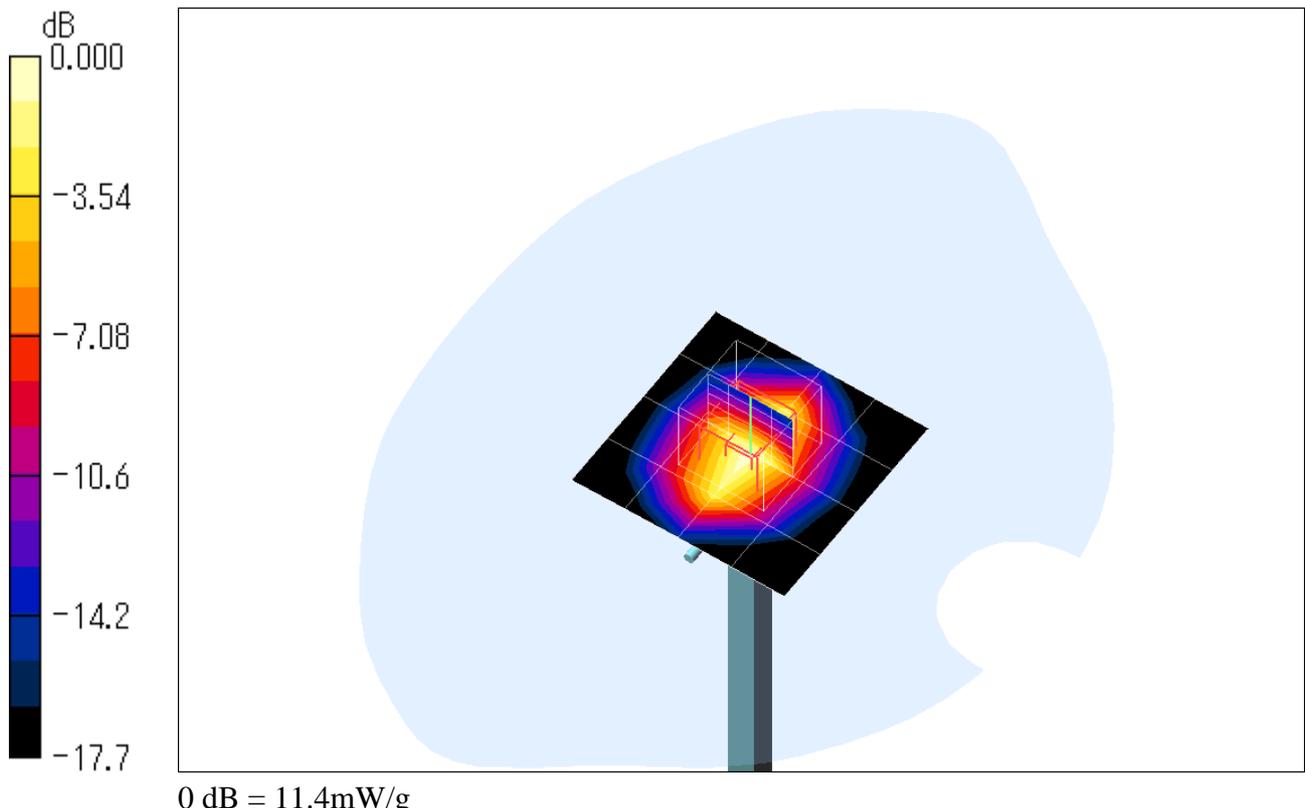Maximum value of SAR (measured) = 11.7 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.9 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.34 mW/g
Maximum value of SAR (measured) = 11.4 mW/g

0 dB = 11.4mW/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 = 1.57 mho/m; ε_r = 53.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 184

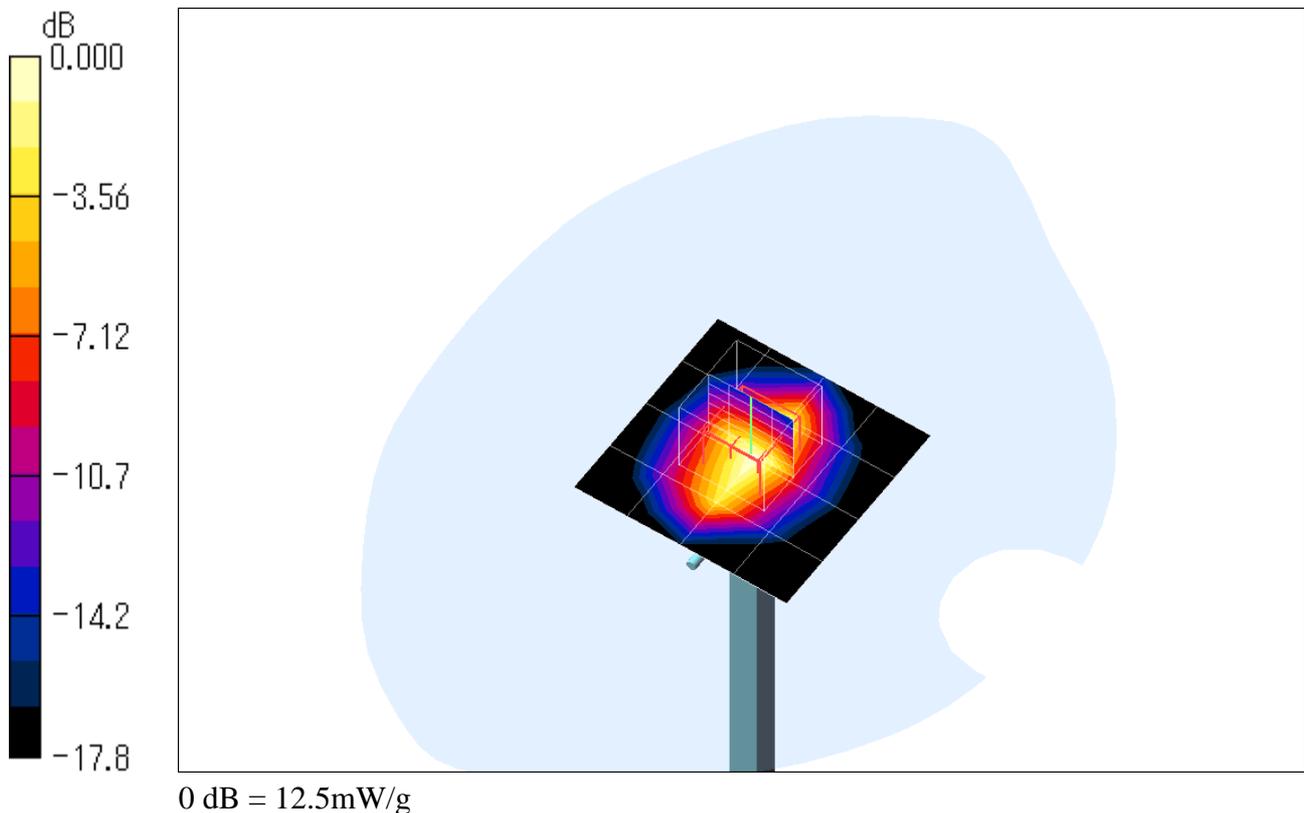**Antenna Input Power 250 mW/Area Scan (5x5x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (measured) = 12.5 mW/g

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

Reference Value = 95.4 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 11.1 mW/g; SAR(10 g) = 5.86 mW/g

dB
0.000
−3.56
−7.12
−10.7
−14.2
−17.8

0 dB = 12.5mW/g

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 = 1.83 mho/m; ε_r = 39.1; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
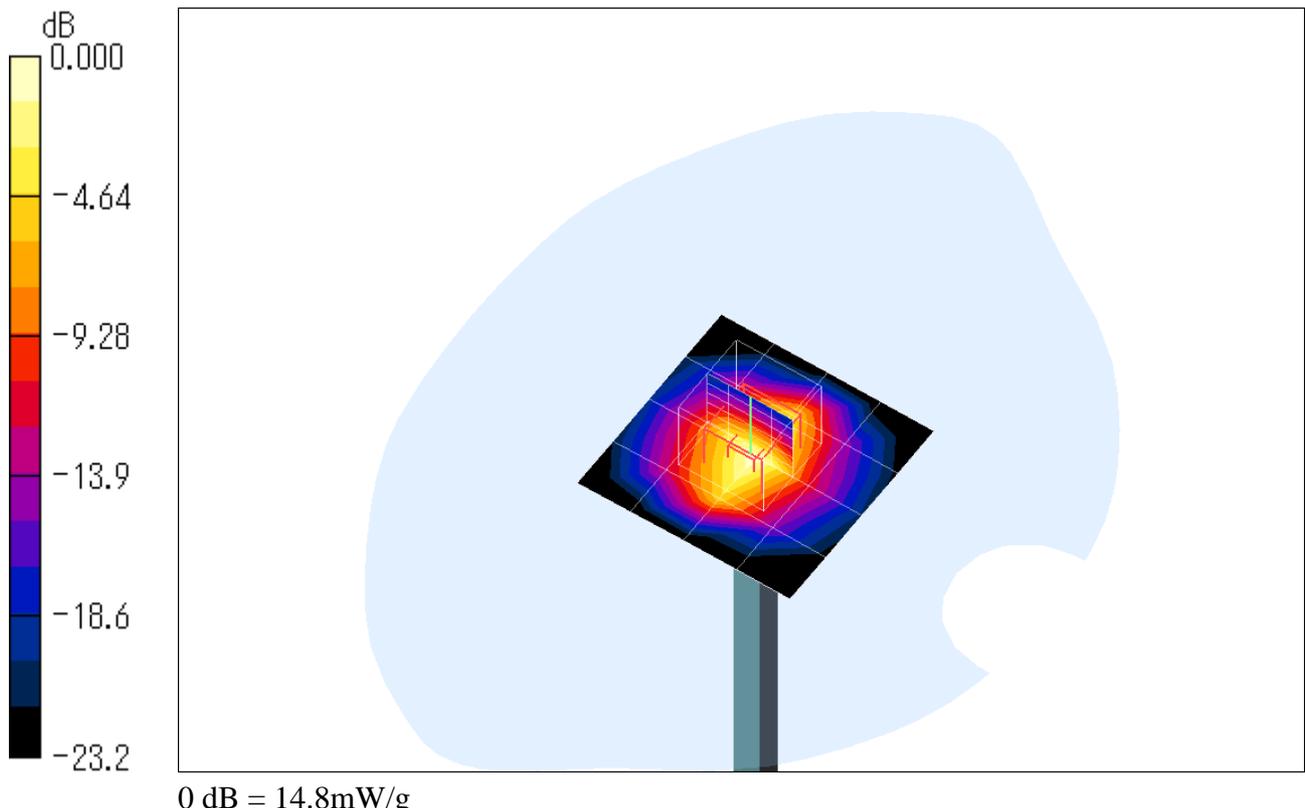Maximum value of SAR (measured) = 14.7 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.6 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 13 mW/g; SAR(10 g) = 5.89 mW/g
Maximum value of SAR (measured) = 14.8 mW/g

0 dB = 14.8mW/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 = 1.96 mho/m; ε_r = 51.1; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
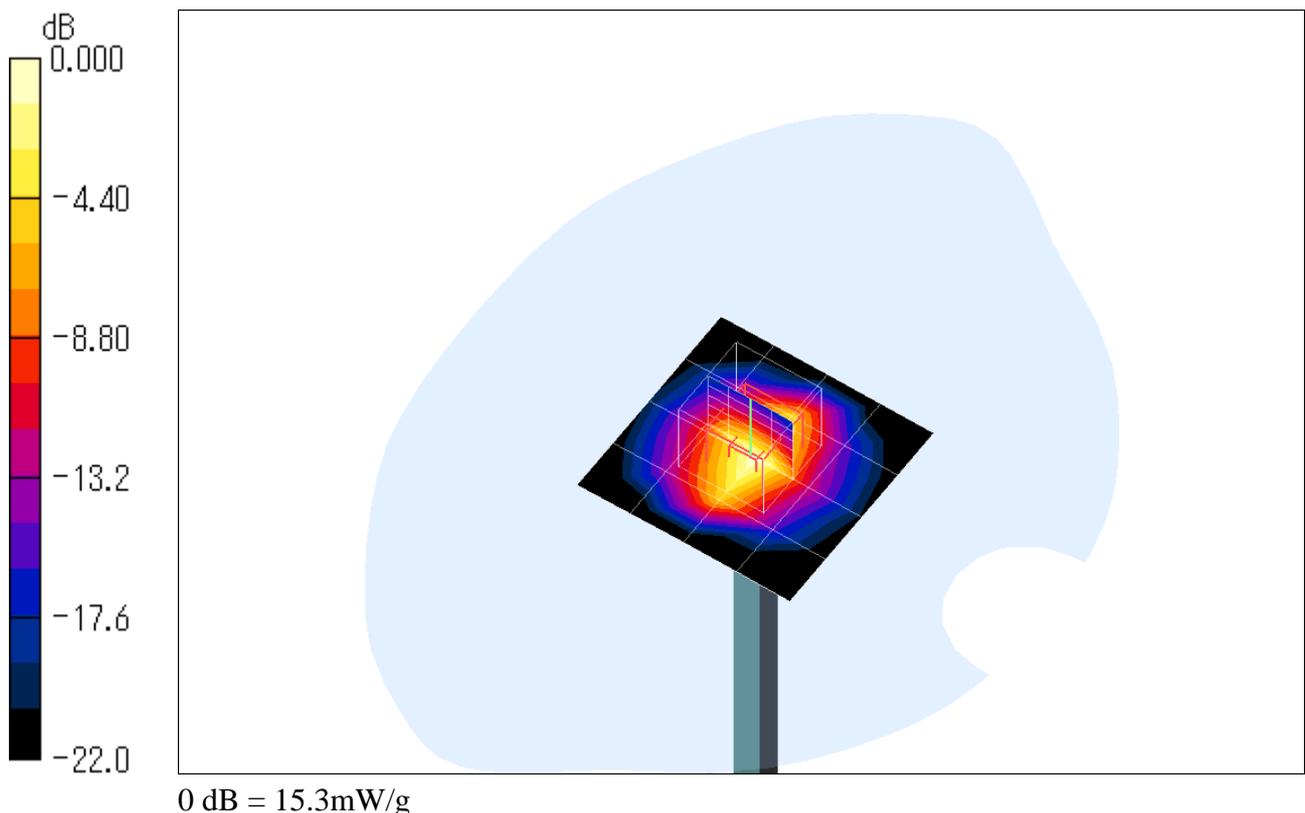Maximum value of SAR (measured) = 15.1 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.7 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 27.3 W/kg
SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.17 mW/g
Maximum value of SAR (measured) = 15.3 mW/g

0 dB = 15.3mW/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-01D; Serial: 004401113531202

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

Medium: HSL900 Medium parameters used: f = 826.4 MHz; σ = 0.892 mho/m; ε_r = 42.9; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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

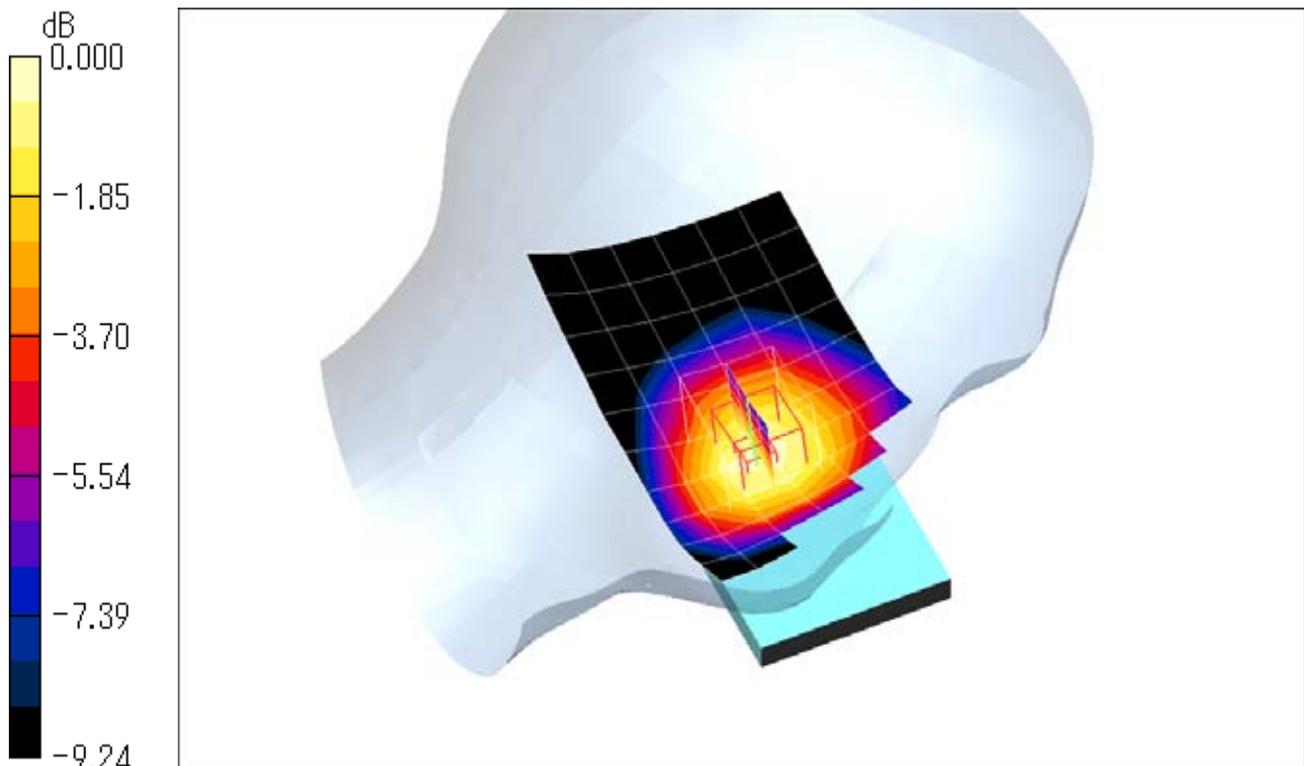Maximum value of SAR (measured) = 0.477 mW/g

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

Reference Value = 24.0 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.485 mW/g

0 dB = 0.485mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.903 mho/m; ε_r = 42.8; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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

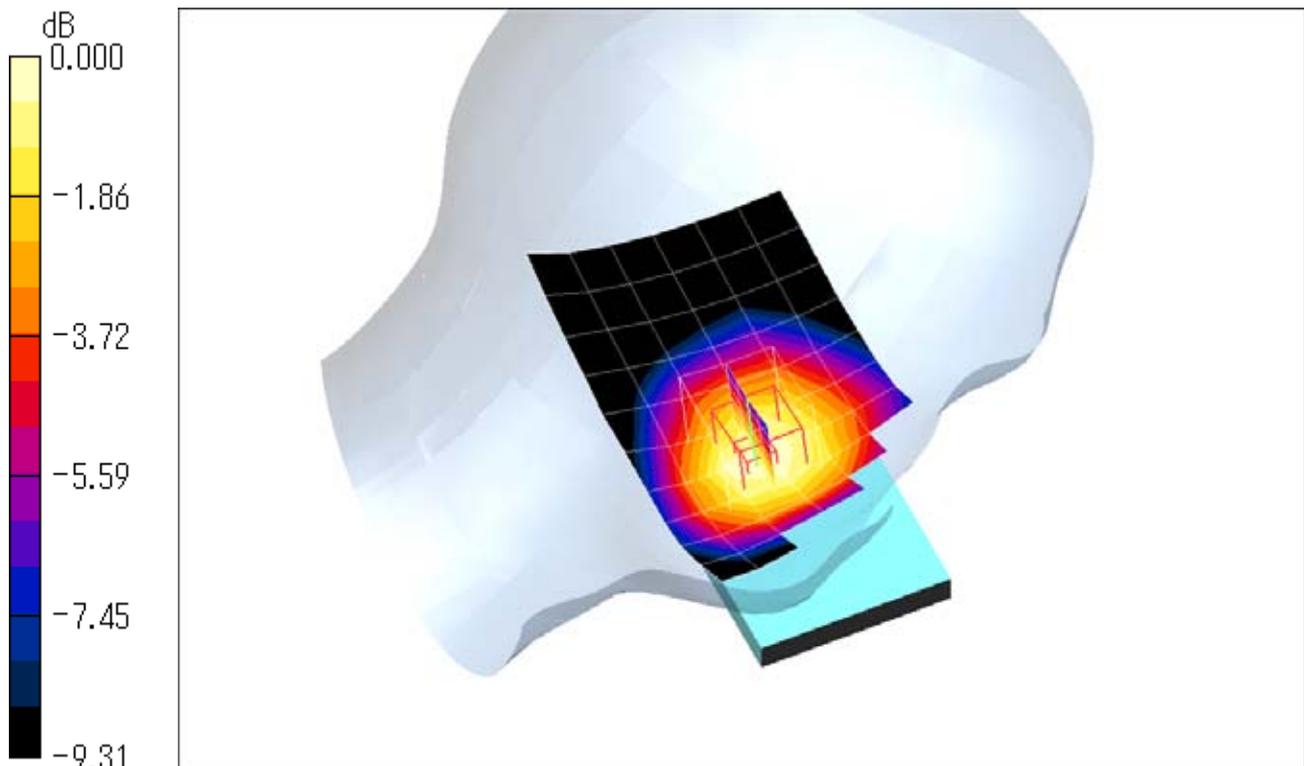Maximum value of SAR (measured) = 0.546 mW/g

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

Reference Value = 25.6 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.605 W/kg

SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 0.538 mW/g

0 dB = 0.538mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL900 Medium parameters used: f = 846.6 MHz; σ = 0.913 mho/m; ε_r = 42.6; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
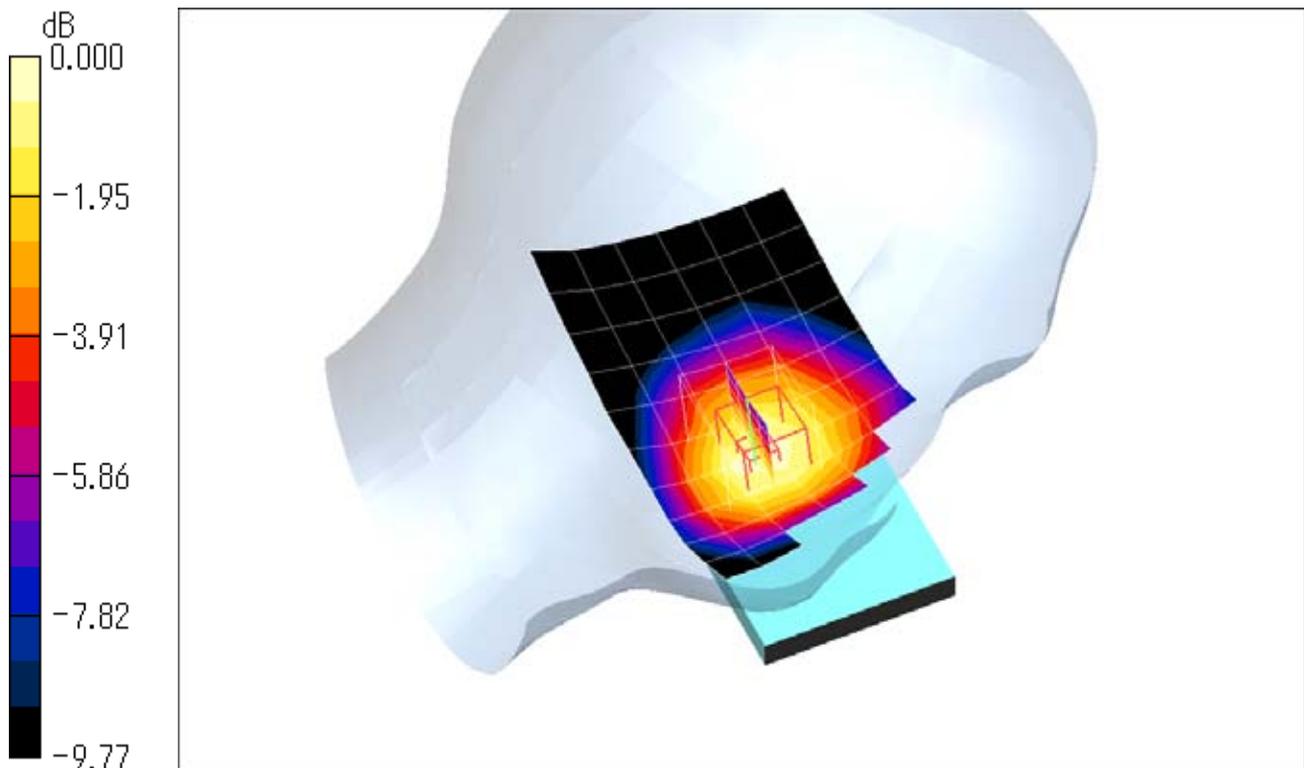Maximum value of SAR (measured) = 0.638 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.5 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.736 W/kg
SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 0.649 mW/g

0 dB = 0.649mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL900 Medium parameters used: f = 846.6 MHz; σ = 0.913 mho/m; ε_r = 42.6; ρ = 1000 kg/m^3
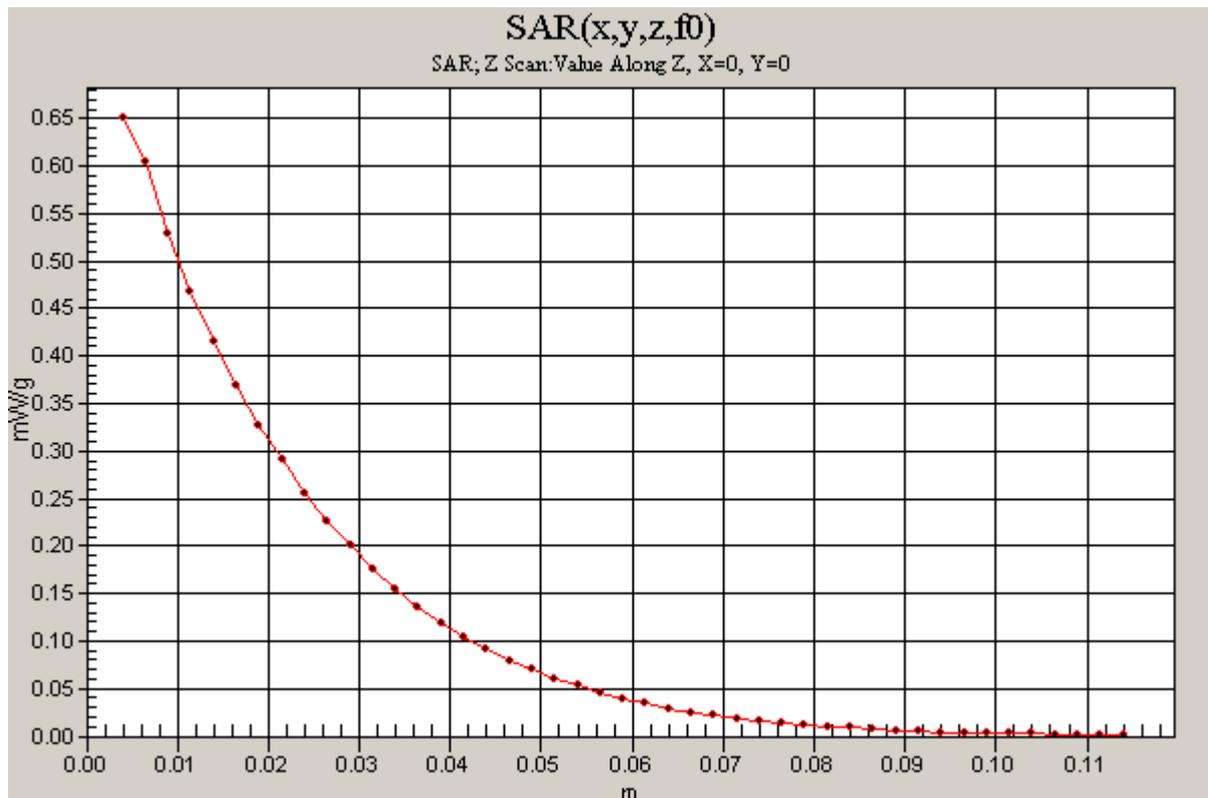
Phantom section: Left Section

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: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.651 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.903 mho/m; ε_r = 42.8; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
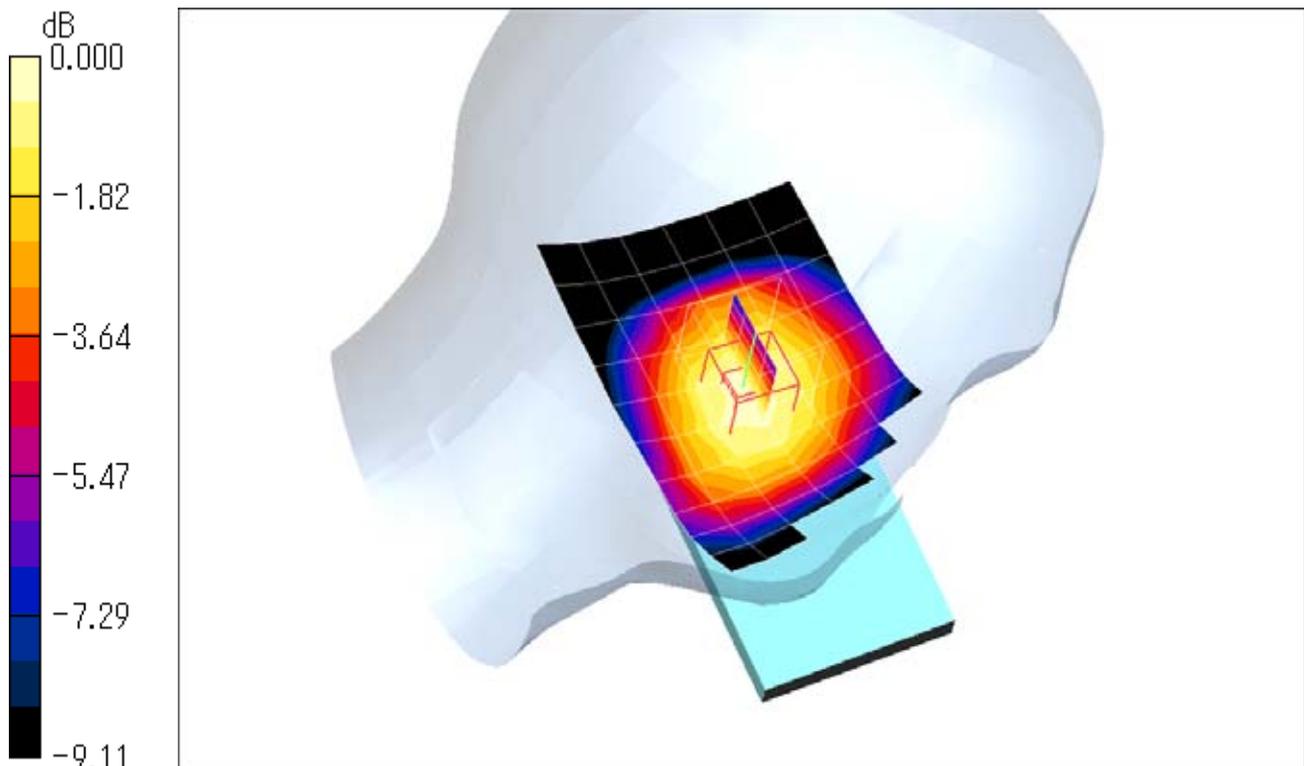Maximum value of SAR (measured) = 0.314 mW/g

Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 0.324 mW/g

0 dB = 0.324mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.903 mho/m; ε_r = 42.8; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
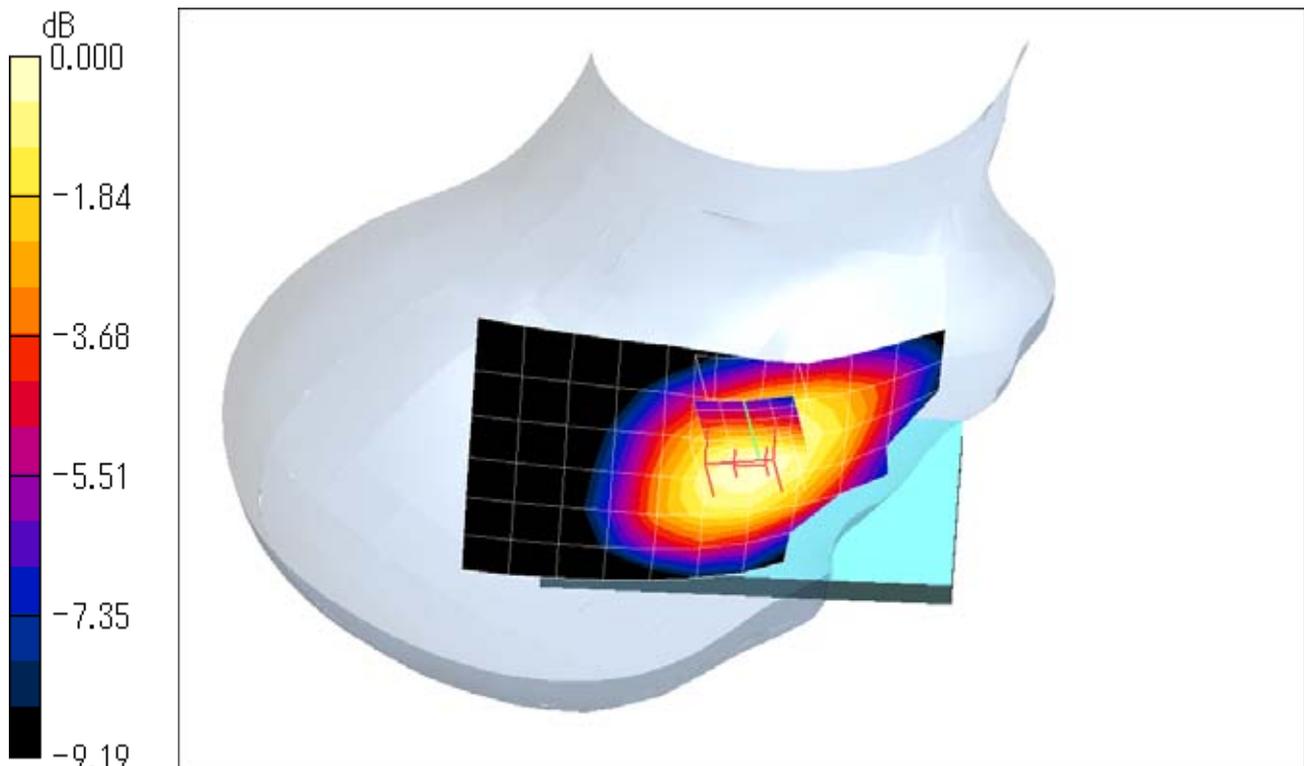Maximum value of SAR (measured) = 0.494 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.7 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.360 mW/g
Maximum value of SAR (measured) = 0.496 mW/g

0 dB = 0.496mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL900 Medium parameters used: f = 836.4 MHz; σ = 0.903 mho/m; ϵ_r = 42.8; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
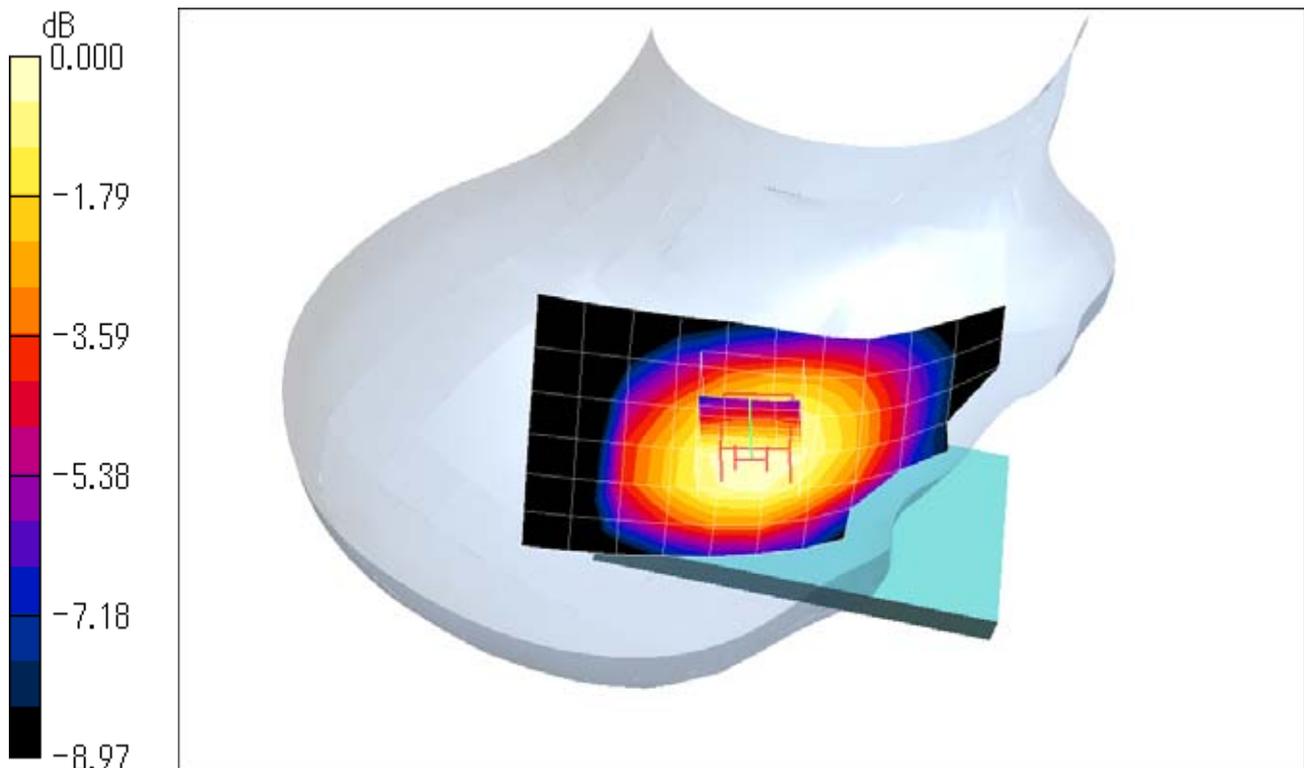Maximum value of SAR (measured) = 0.284 mW/g

Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.207 mW/g
Maximum value of SAR (measured) = 0.274 mW/g

0 dB = 0.274mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.952 mho/m; ε_r = 55.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm
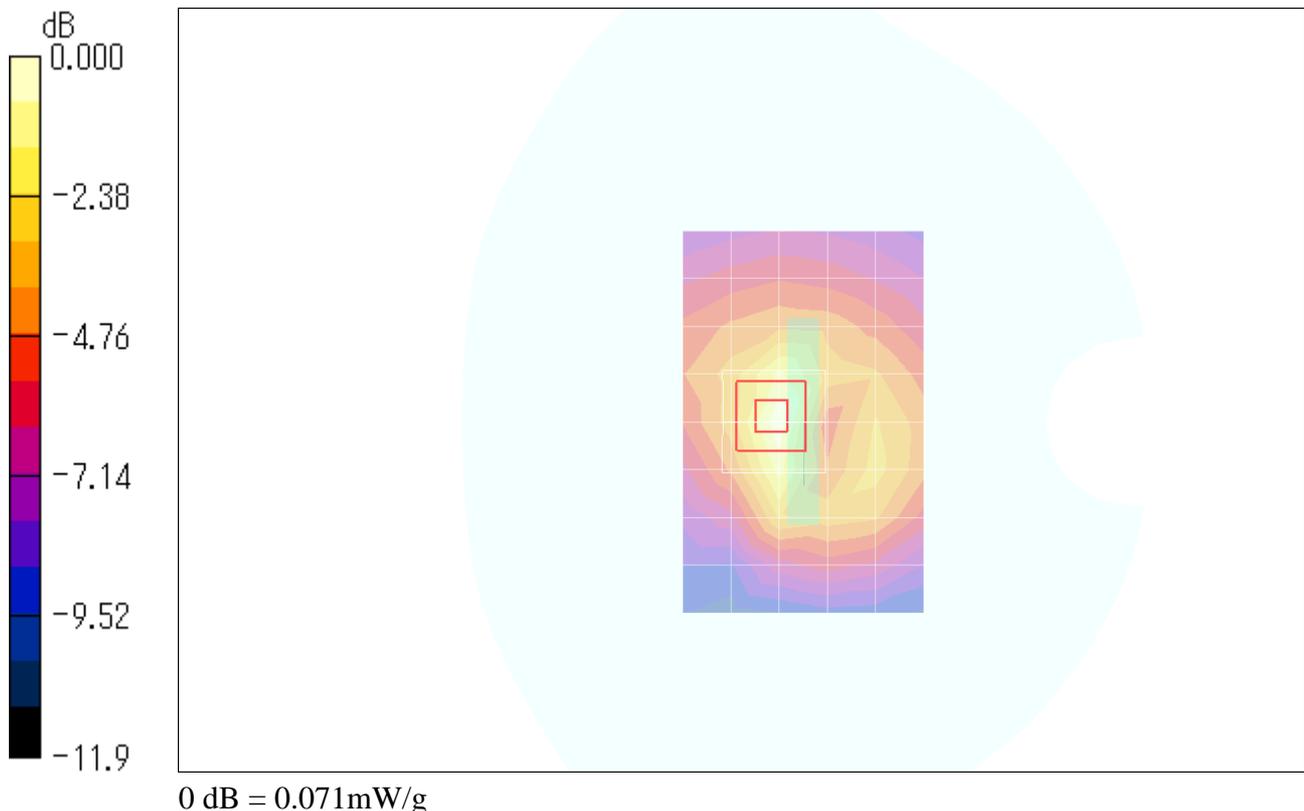Maximum value of SAR (measured) = 0.070 mW/g

Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.66 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.071 mW/g

0 dB = 0.071mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.952 mho/m; ε_r = 55.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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 (6x12x1): Measurement grid: dx=15mm, dy=15mm
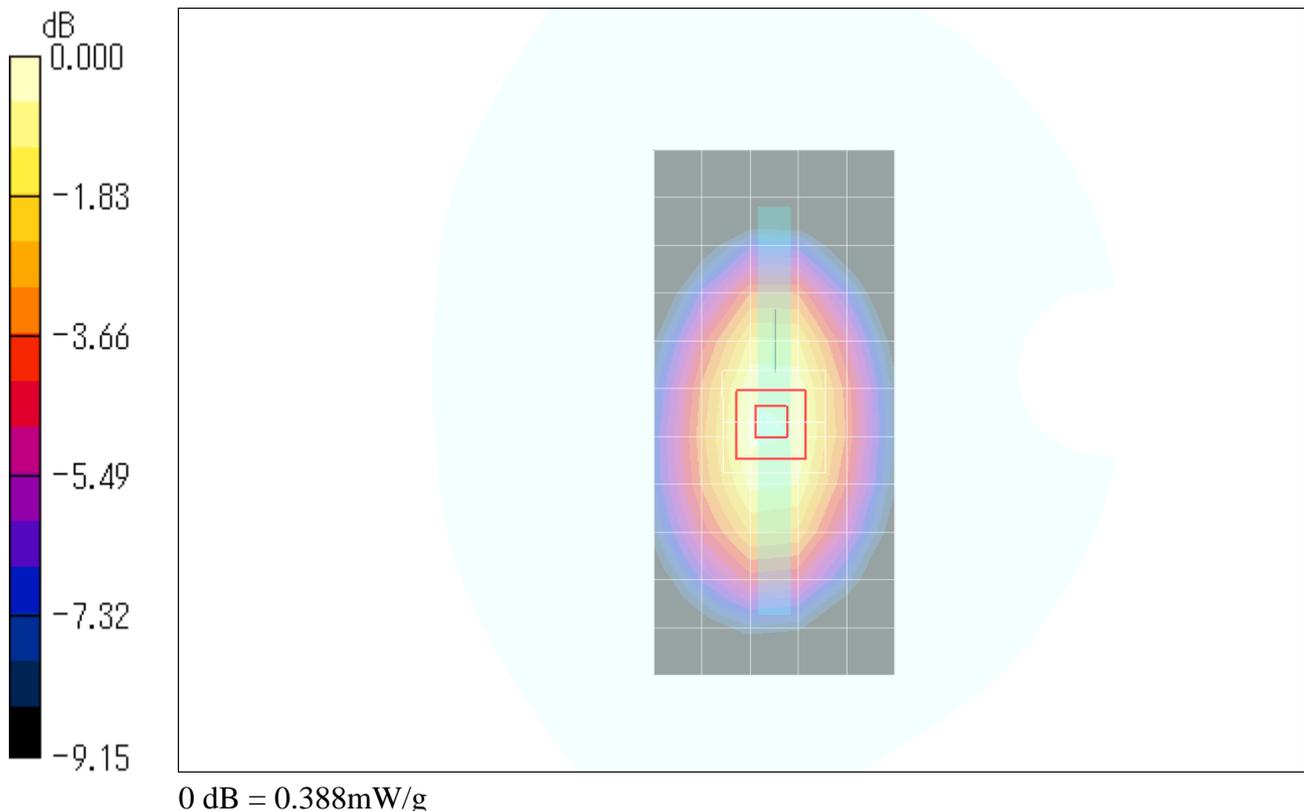Maximum value of SAR (measured) = 0.348 mW/g

Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.388 mW/g

0 dB = 0.388mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.952 mho/m; ε_r = 55.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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 (6x12x1): Measurement grid: dx=15mm, dy=15mm
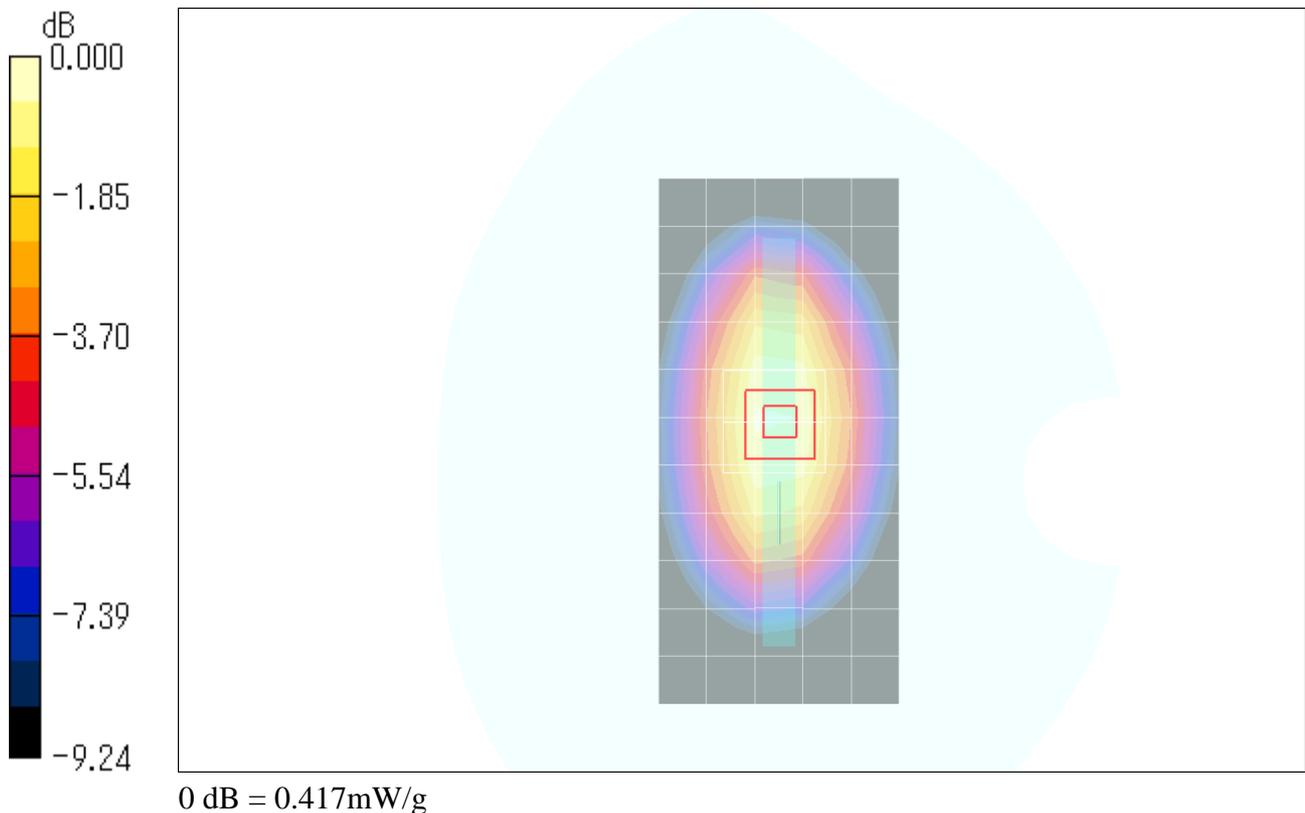Maximum value of SAR (measured) = 0.370 mW/g

Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.274 mW/g
Maximum value of SAR (measured) = 0.417 mW/g

0 dB = 0.417mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.952 mho/m; ε_r = 55.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
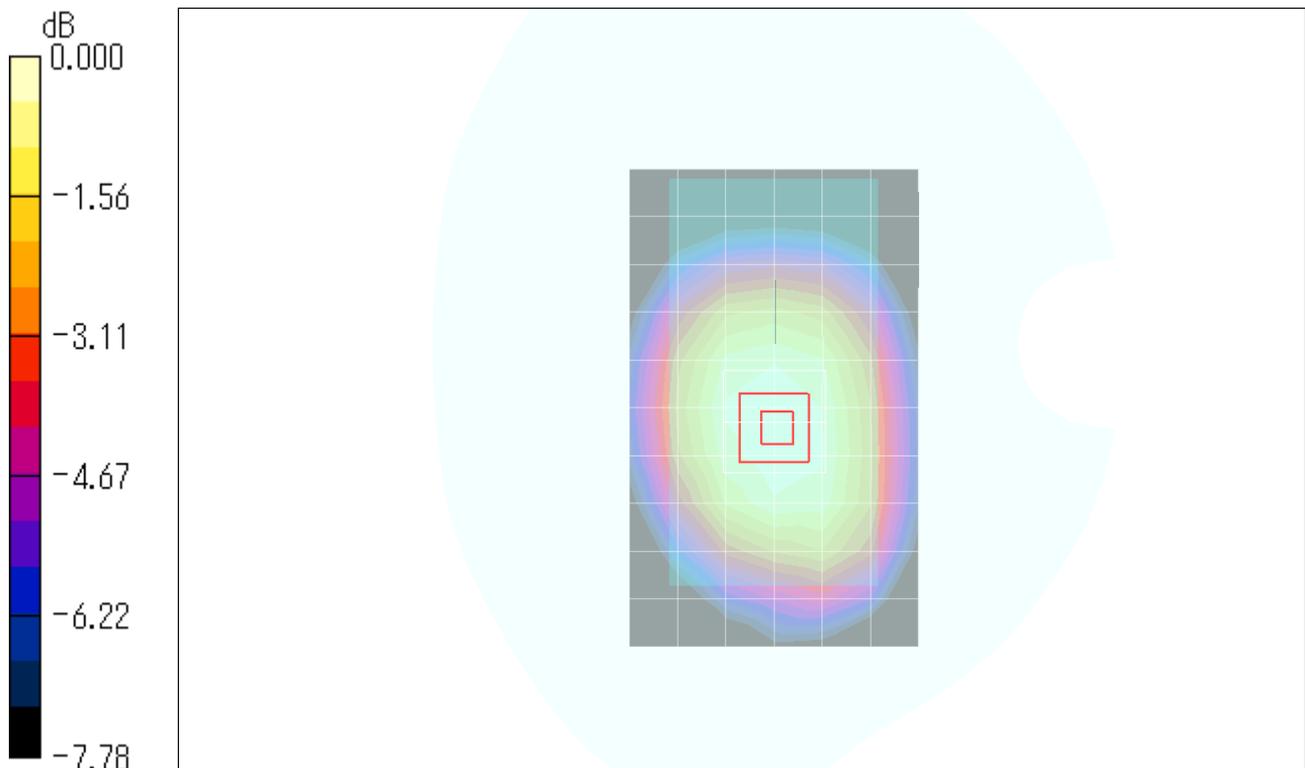Maximum value of SAR (measured) = 0.410 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 0.416 mW/g

0 dB = 0.416mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4132ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL900 Medium parameters used: f = 826.4 MHz; σ = 0.941 mho/m; ε_r = 55.5; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
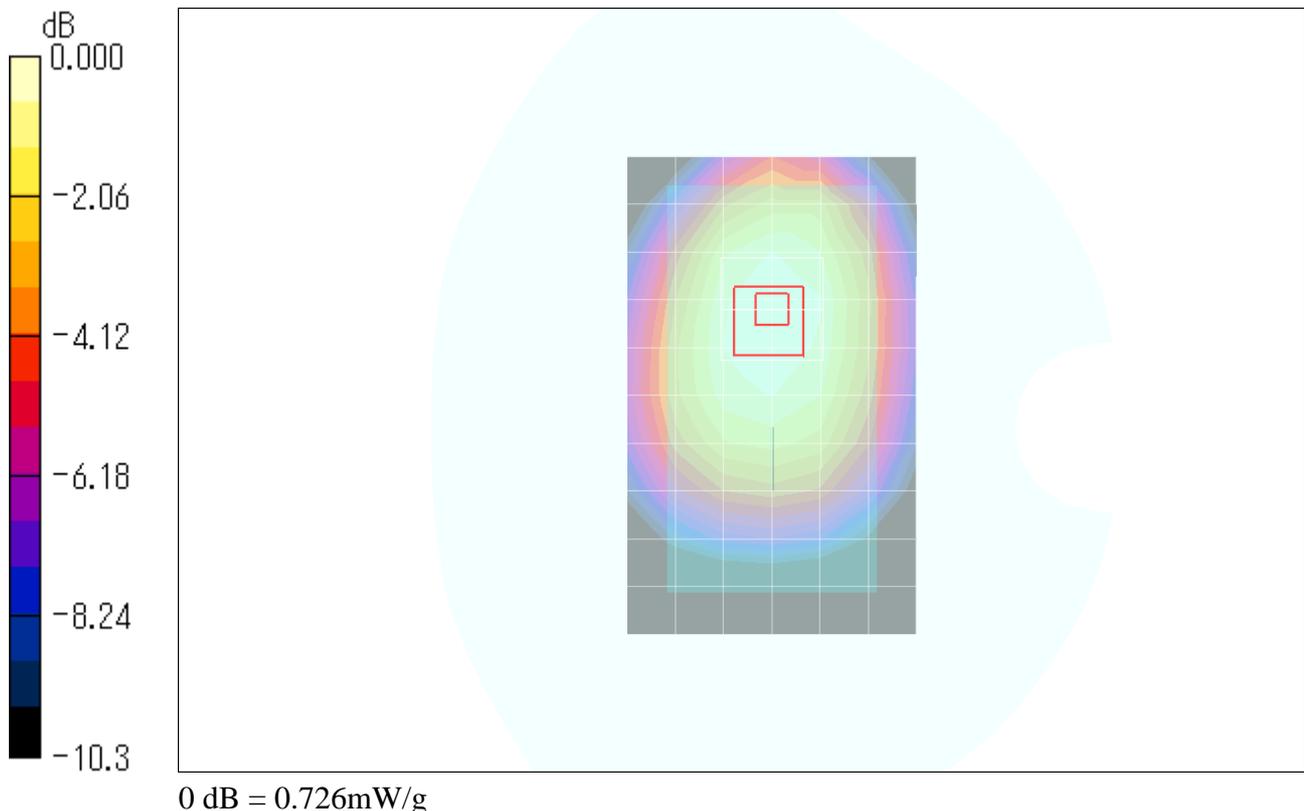Maximum value of SAR (measured) = 0.731 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.4 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.537 mW/g
Maximum value of SAR (measured) = 0.726 mW/g

0 dB = 0.726mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL900 Medium parameters used: f = 836.4 MHz; σ = 0.952 mho/m; ε_r = 55.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
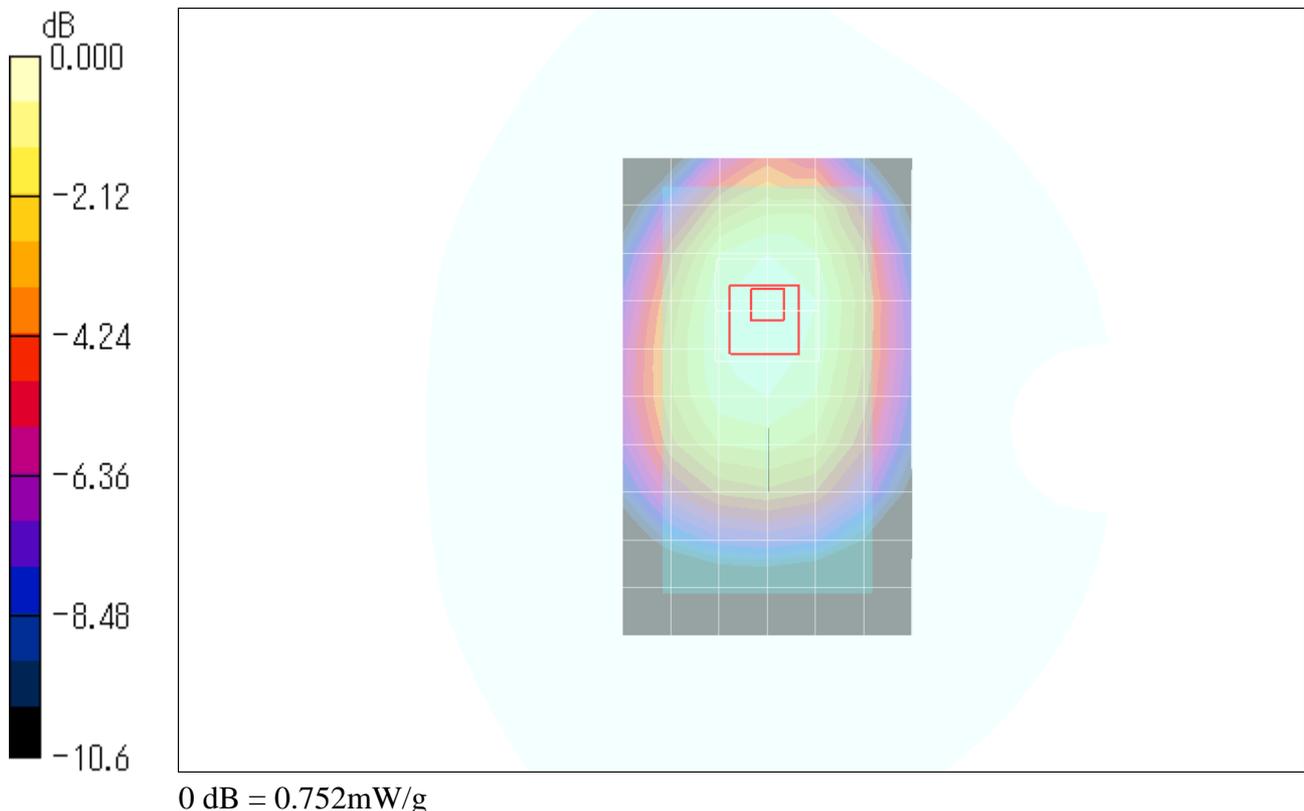Maximum value of SAR (measured) = 0.756 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.9 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.553 mW/g
Maximum value of SAR (measured) = 0.752 mW/g

dB
0.000
-2.12
-4.24
-6.36
-8.48
-10.6

0 dB = 0.752mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL900 Medium parameters used: f = 846.6 MHz; σ = 0.963 mho/m; ε_r = 55.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
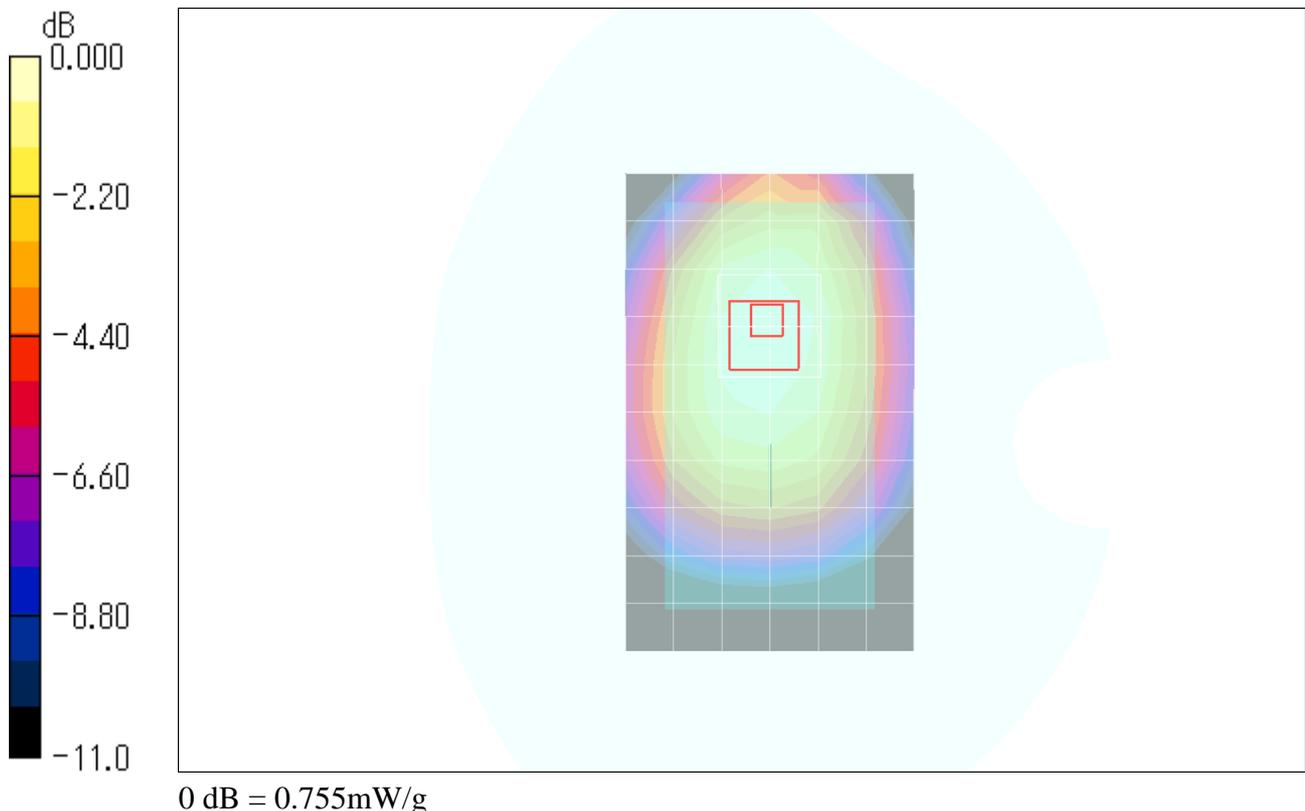Maximum value of SAR (measured) = 0.756 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.555 mW/g
Maximum value of SAR (measured) = 0.755 mW/g

0 dB = 0.755mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL900 Medium parameters used: f = 846.6 MHz; σ = 0.963 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3

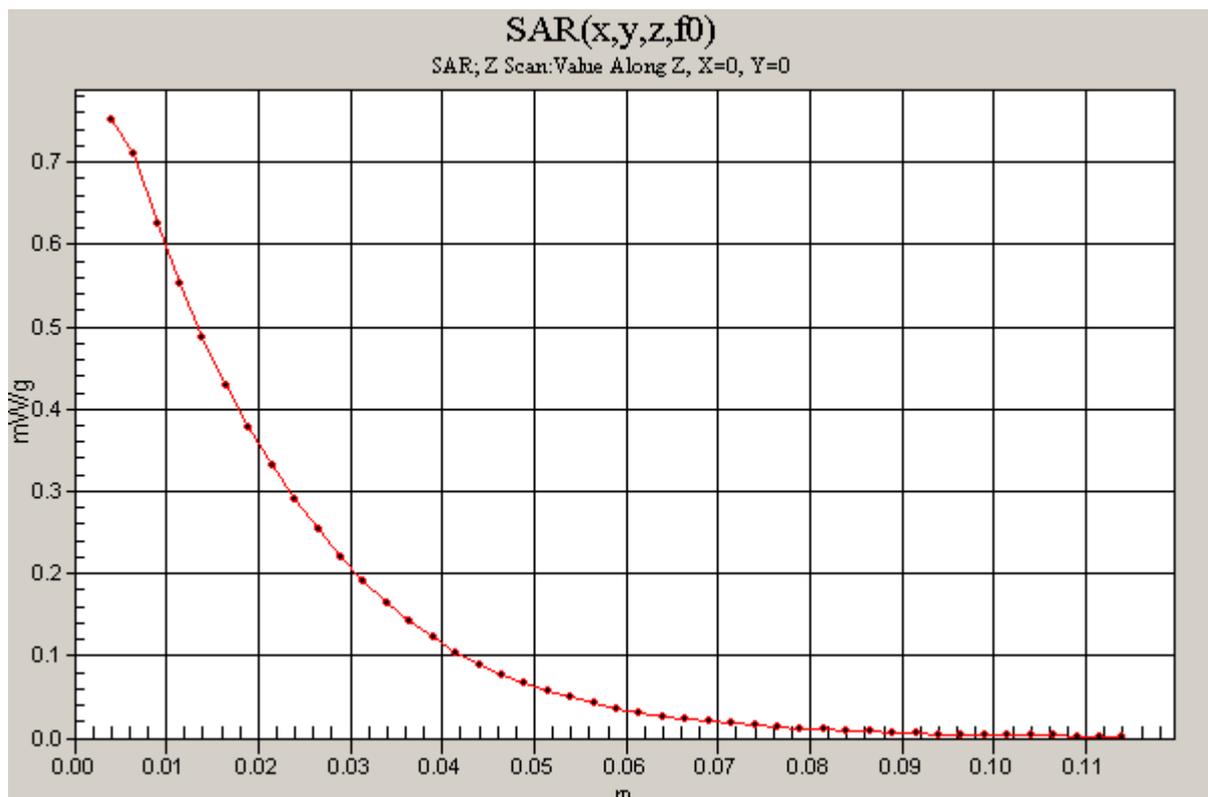Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.18, 6.18, 6.18); Calibrated: 2011/08/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.752 mW/g

![JQA logo]

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 4233ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL900 Medium parameters used: f = 846.6 MHz; σ = 0.963 mho/m; ε_r = 55.4; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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

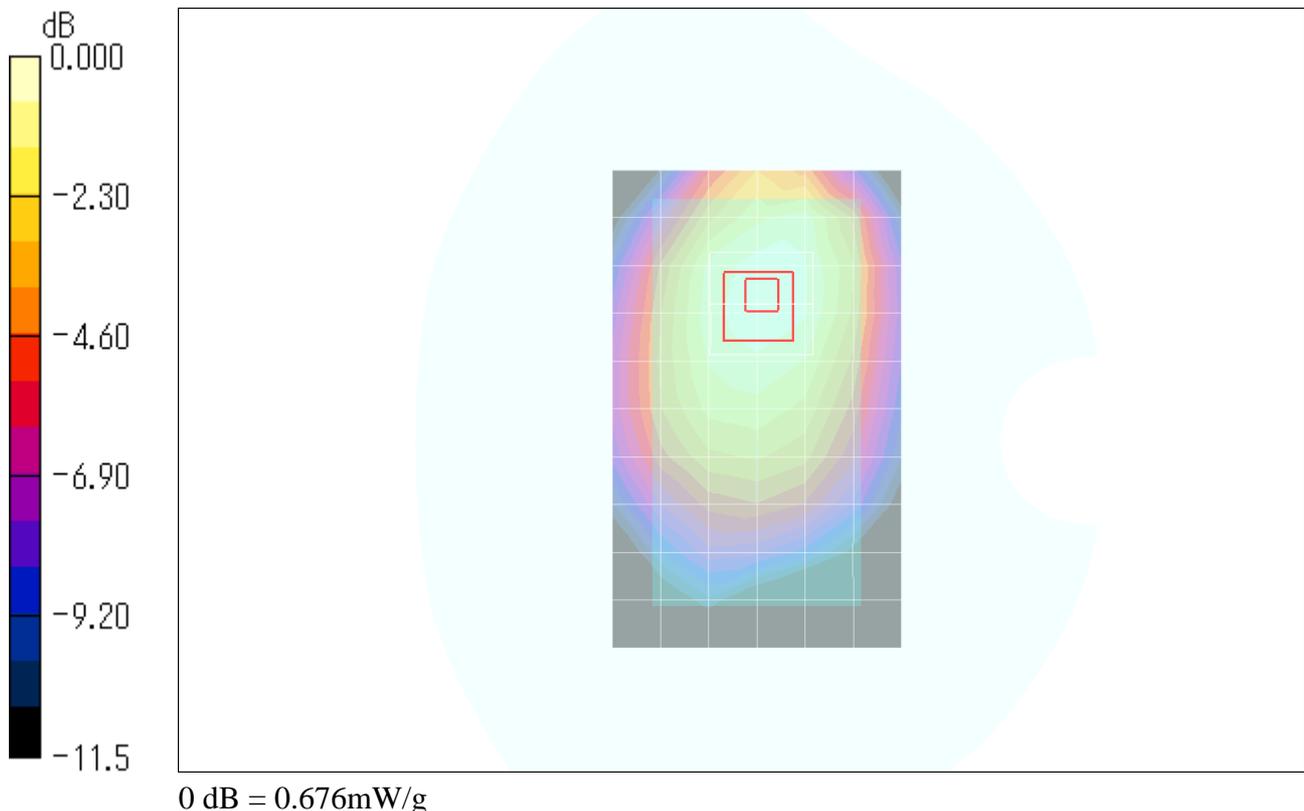Maximum value of SAR (measured) = 0.657 mW/g

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

Reference Value = 27.8 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.475 mW/g

Maximum value of SAR (measured) = 0.676 mW/g

0 dB = 0.676mW/g

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

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 40; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.218 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.34 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.124 mW/g
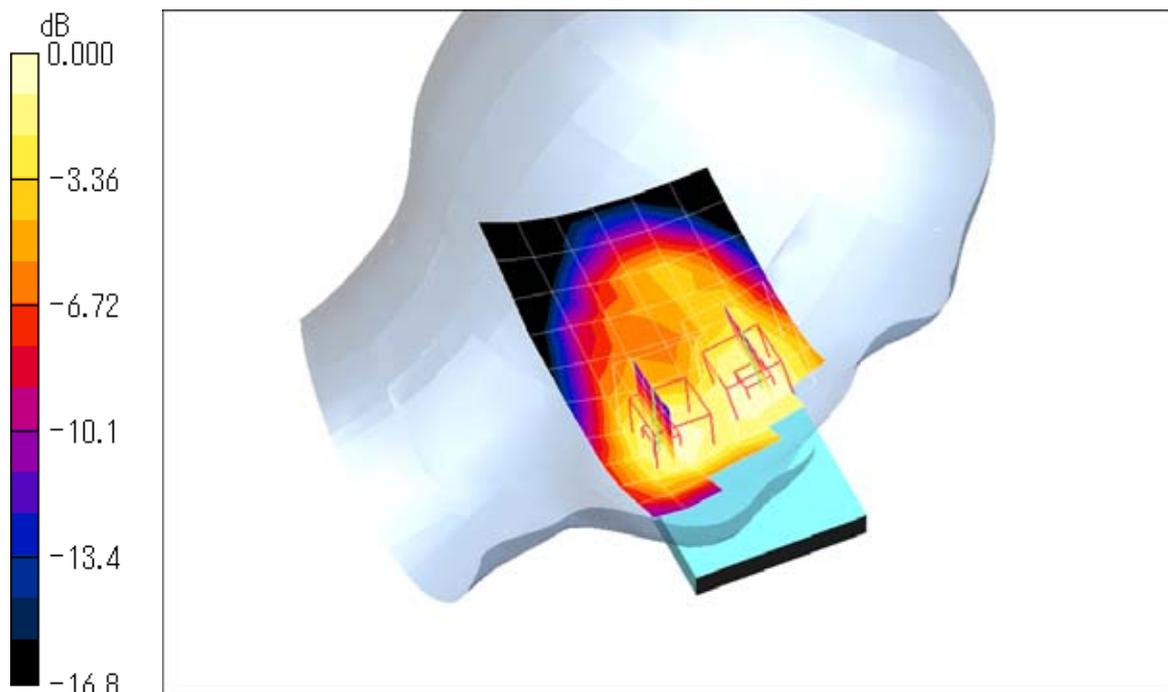Maximum value of SAR (measured) = 0.208 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.34 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.219 mW/g

0 dB = 0.219mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 40; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.130 mW/g

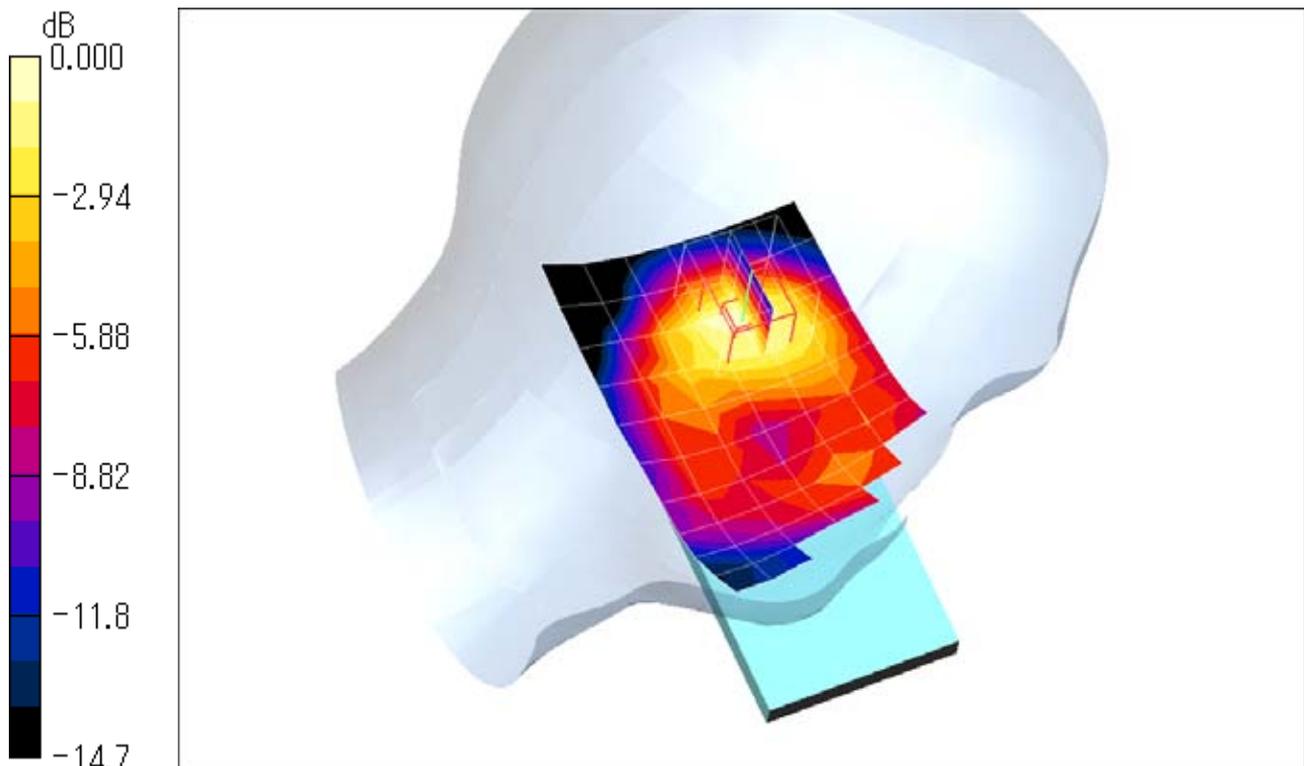**Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.58 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.191 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.142 mW/g

0 dB = 0.142mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 512ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 40.2; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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

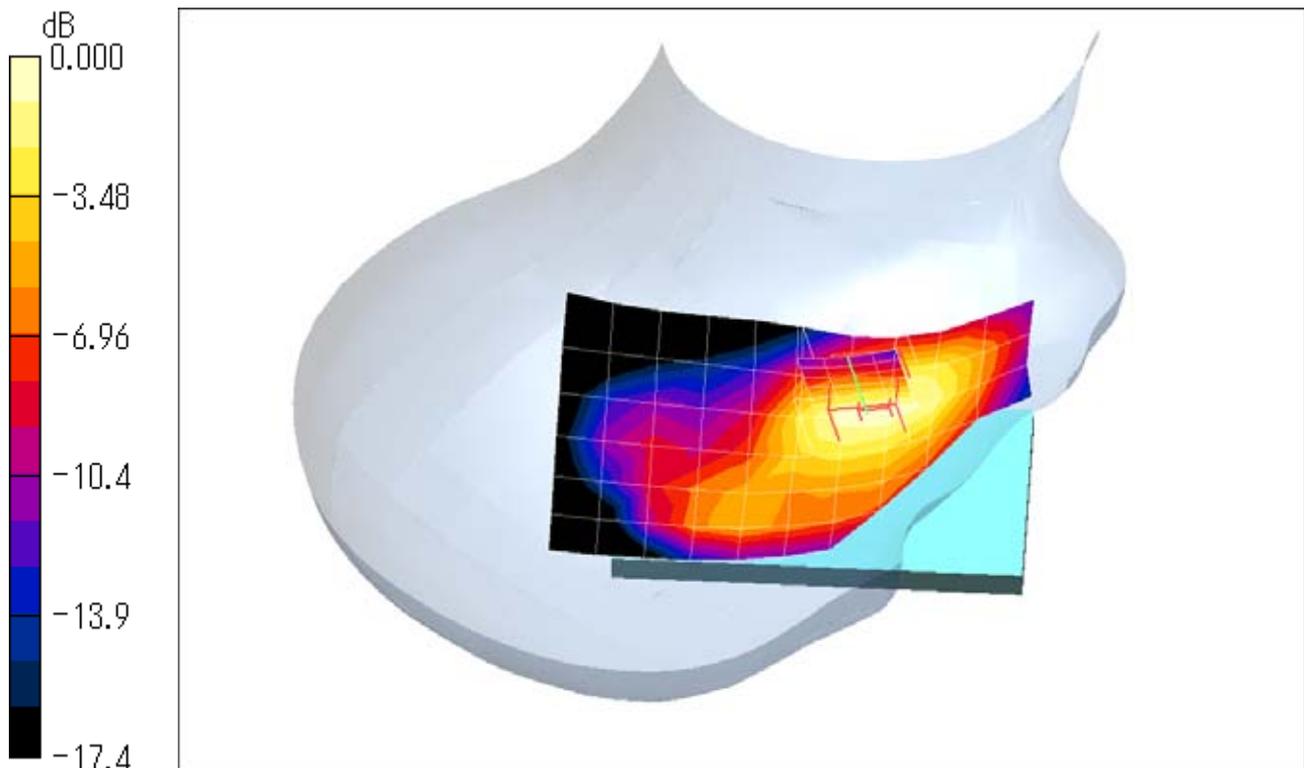Maximum value of SAR (measured) = 0.499 mW/g

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

Reference Value = 12.2 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.516 mW/g

0 dB = 0.516mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 512ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.075
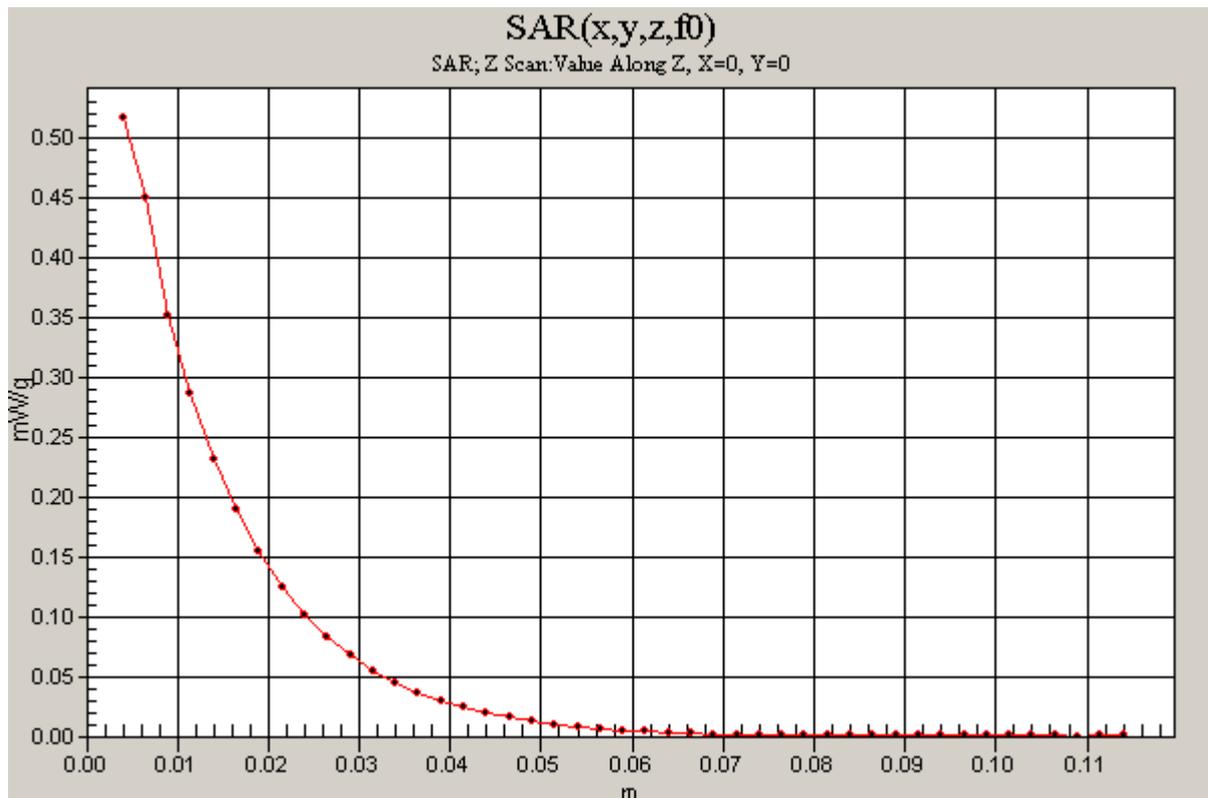
Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3

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: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.517 mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 40; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
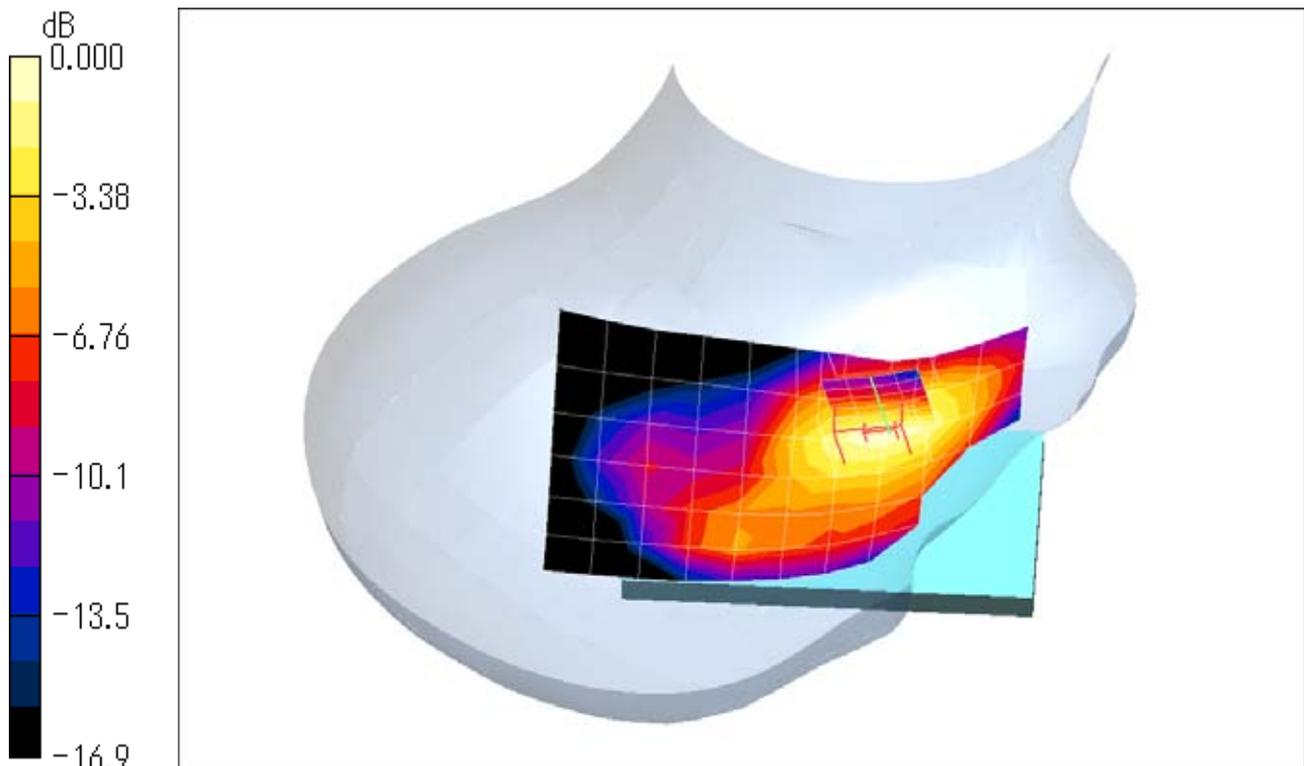Maximum value of SAR (measured) = 0.437 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.264 mW/g
Maximum value of SAR (measured) = 0.465 mW/g

0 dB = 0.465mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium: HSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.46 mho/m; ε_r = 39.9; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
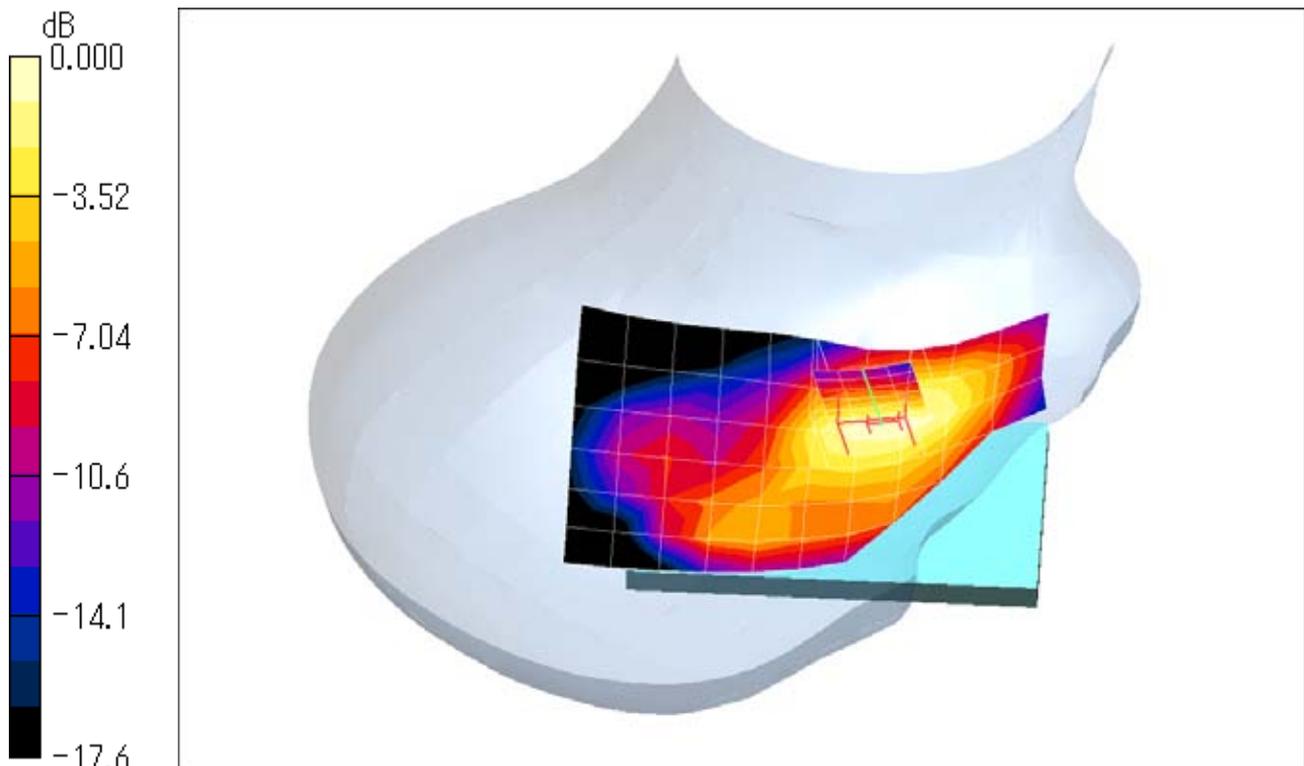Maximum value of SAR (measured) = 0.453 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.629 W/kg
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.460 mW/g

0 dB = 0.460mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 40; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
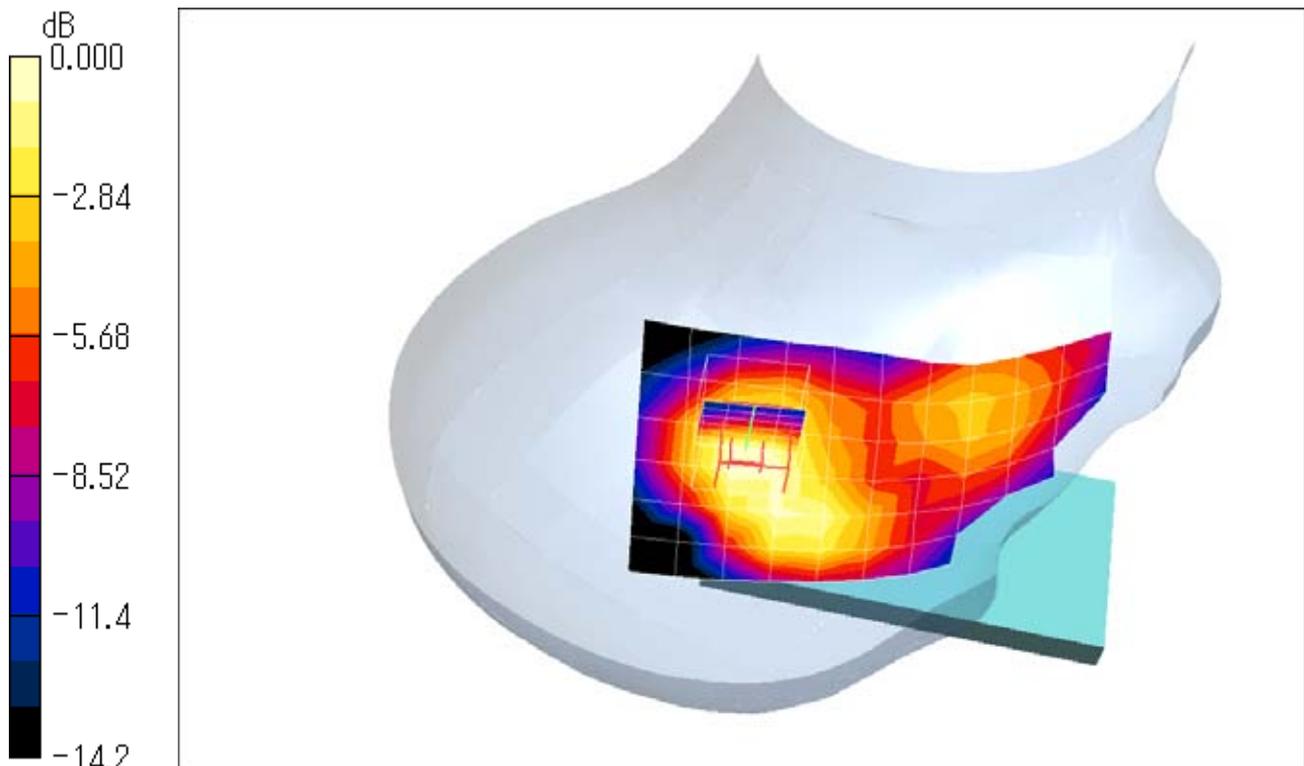Maximum value of SAR (measured) = 0.113 mW/g

Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.38 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.121 mW/g

0 dB = 0.121mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 53.5; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.223 mW/g

Bottom Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.137 mW/g
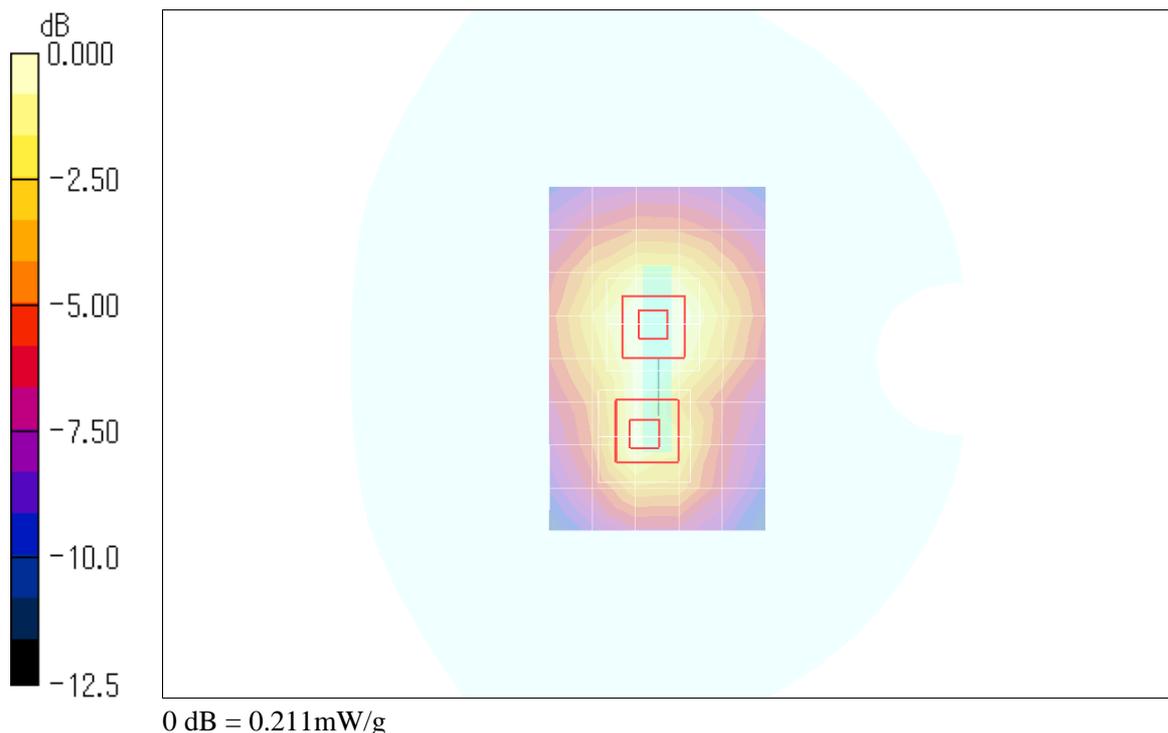Maximum value of SAR (measured) = 0.246 mW/g

Bottom Edge/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.211 mW/g

0 dB = 0.211mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 53.5; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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 (6x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.092 mW/g

Left Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.36 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.056 mW/g
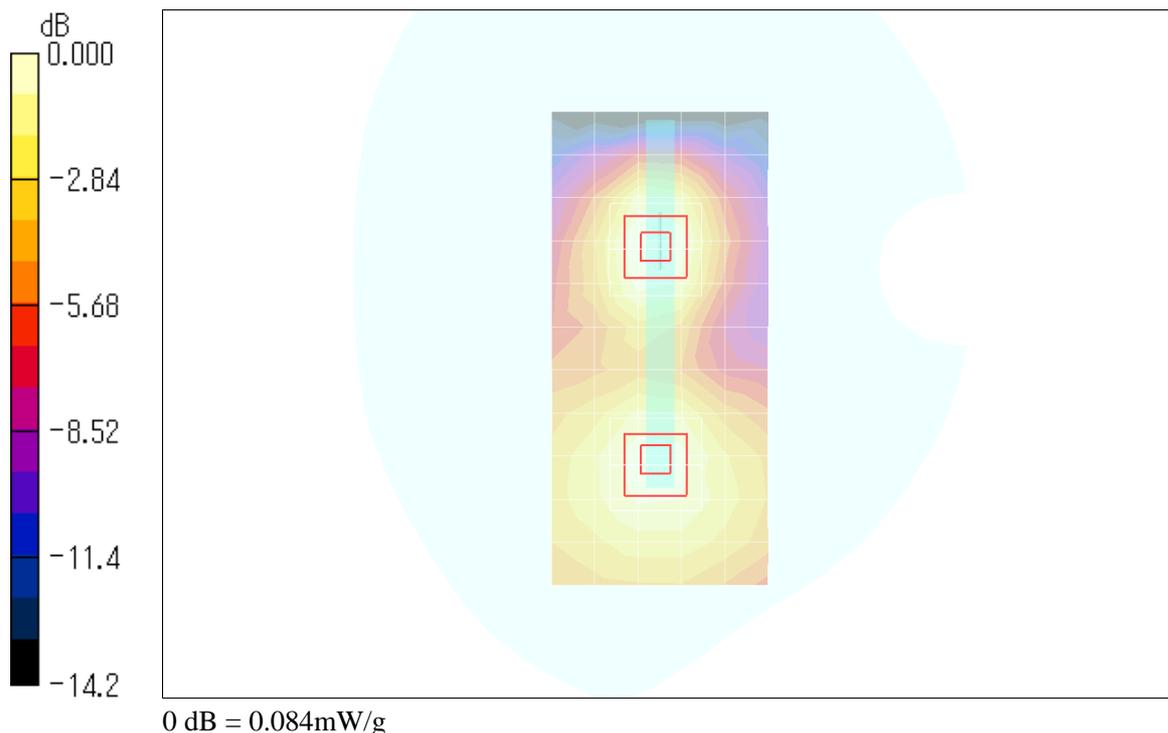Maximum value of SAR (measured) = 0.103 mW/g

Left Edge/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.36 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.084 mW/g

0 dB = 0.084mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 53.5; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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 (6x12x1): Measurement grid: dx=15mm, dy=15mm
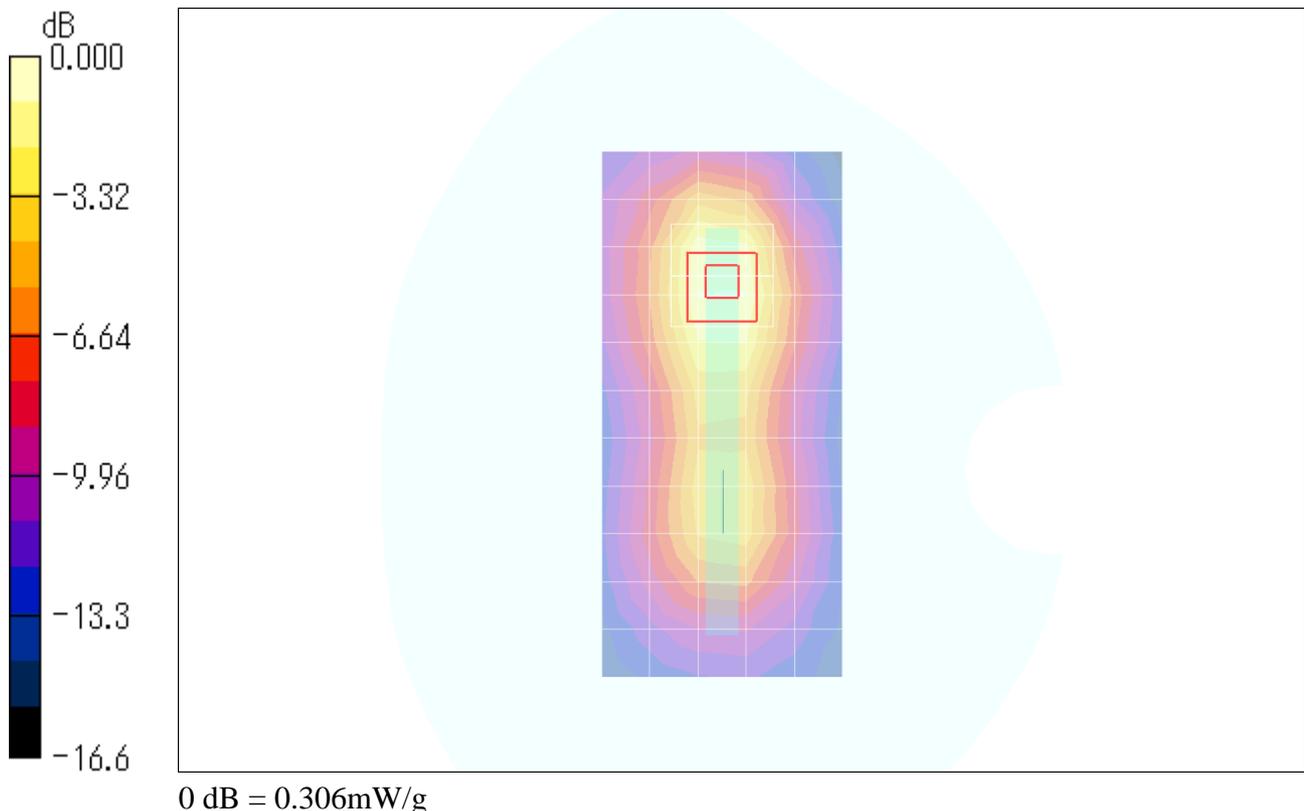Maximum value of SAR (measured) = 0.242 mW/g

Right Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.306 mW/g

0 dB = 0.306mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 53.5; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
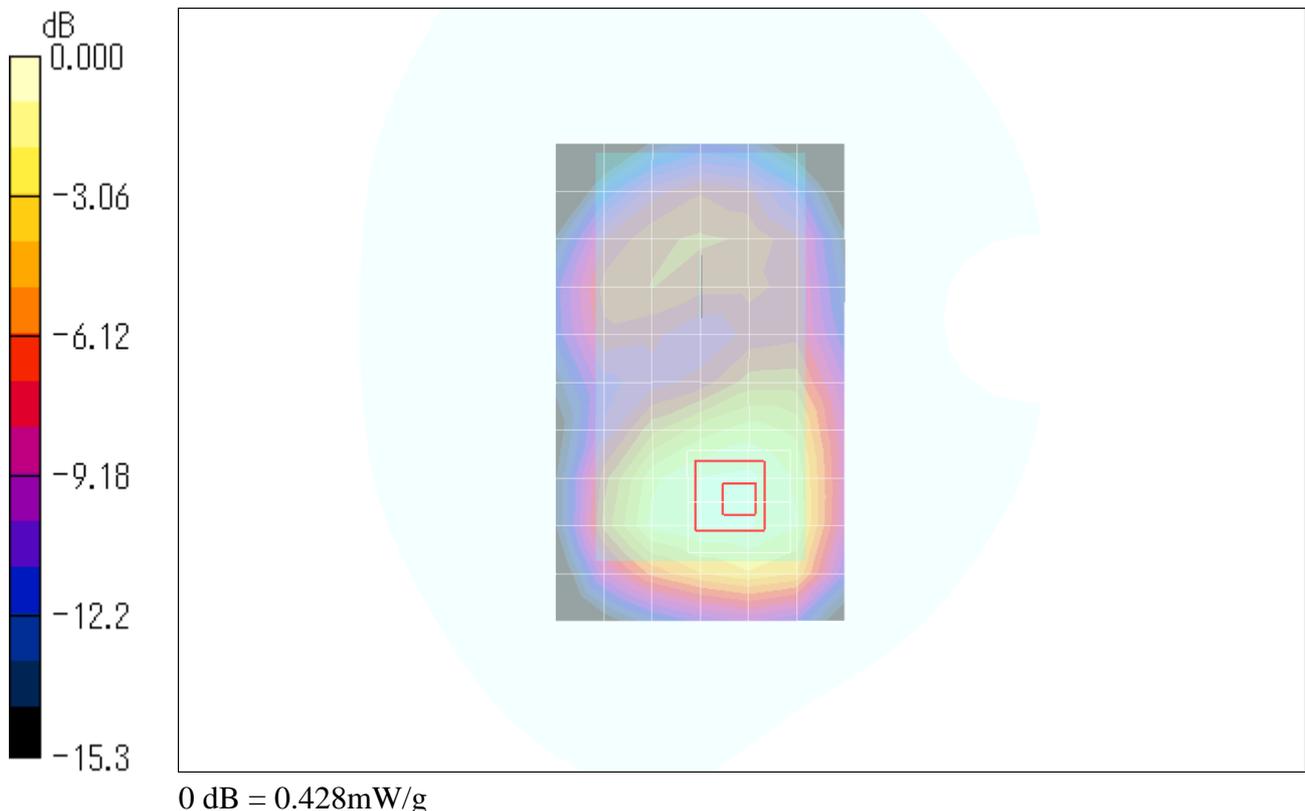Maximum value of SAR (measured) = 0.364 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.428 mW/g

0 dB = 0.428mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 512ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.075
Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\varepsilon_r = 53.6$; $\rho = 1000$ 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
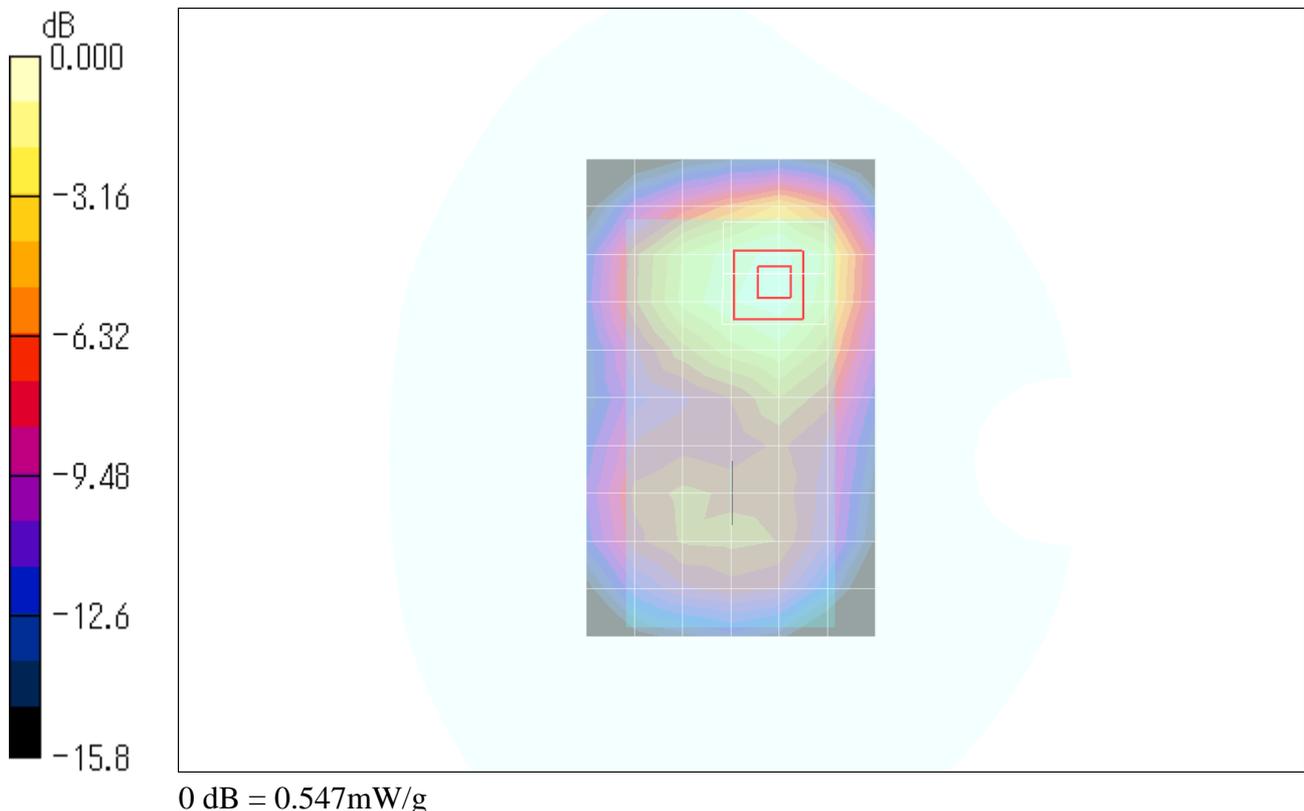Maximum value of SAR (measured) = 0.491 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.786 W/kg
SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.324 mW/g
Maximum value of SAR (measured) = 0.547 mW/g

0 dB = 0.547mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 53.5; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
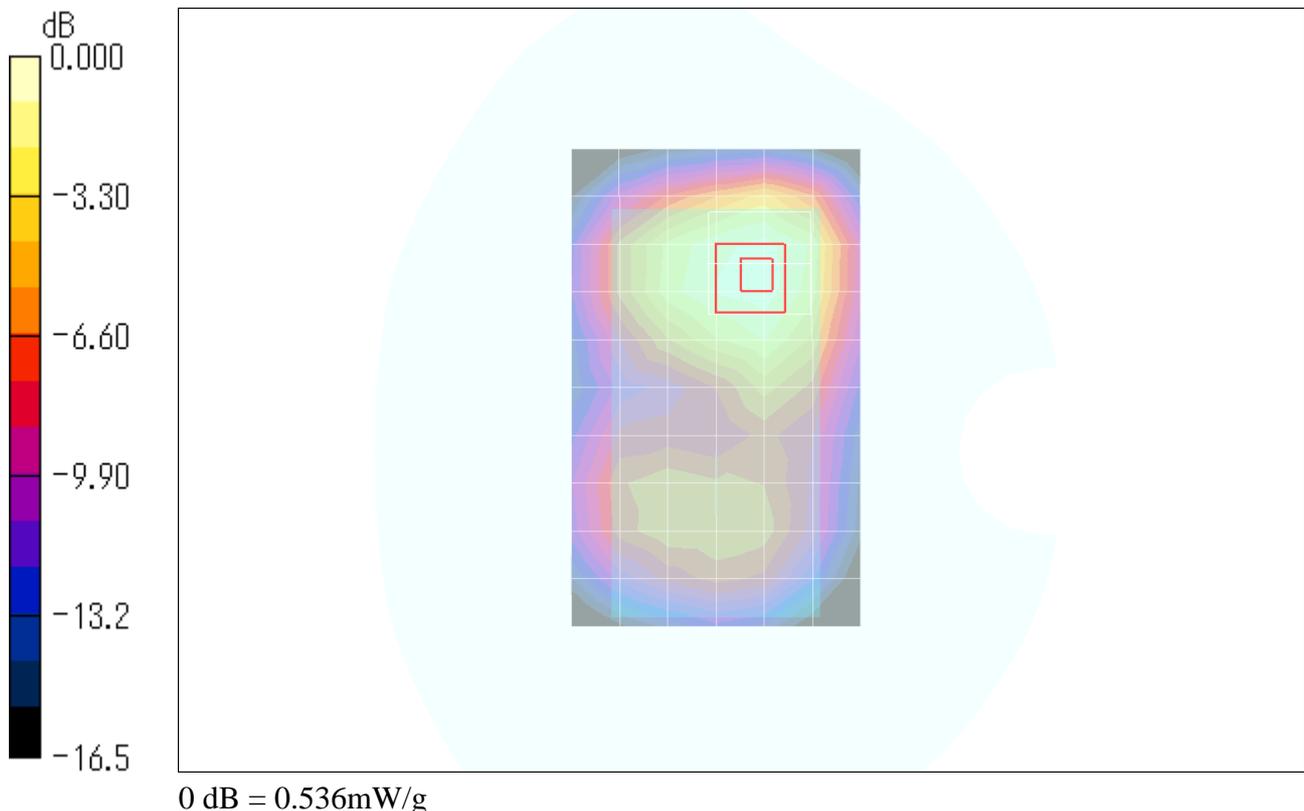Maximum value of SAR (measured) = 0.488 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 0.782 W/kg
SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.536 mW/g

0 dB = 0.536mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.075
Medium: MSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 53.3; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
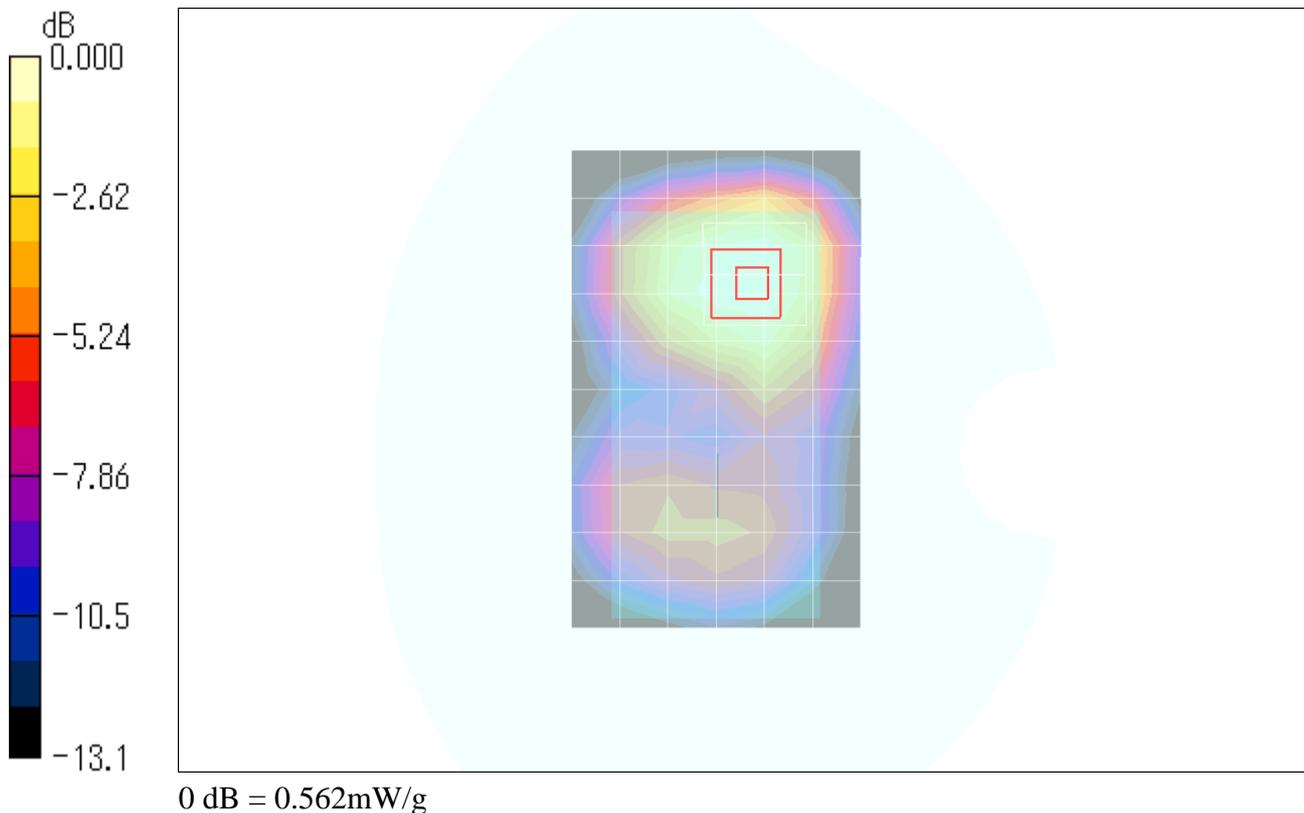Maximum value of SAR (measured) = 0.578 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.7 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.562 mW/g

0 dB = 0.562mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
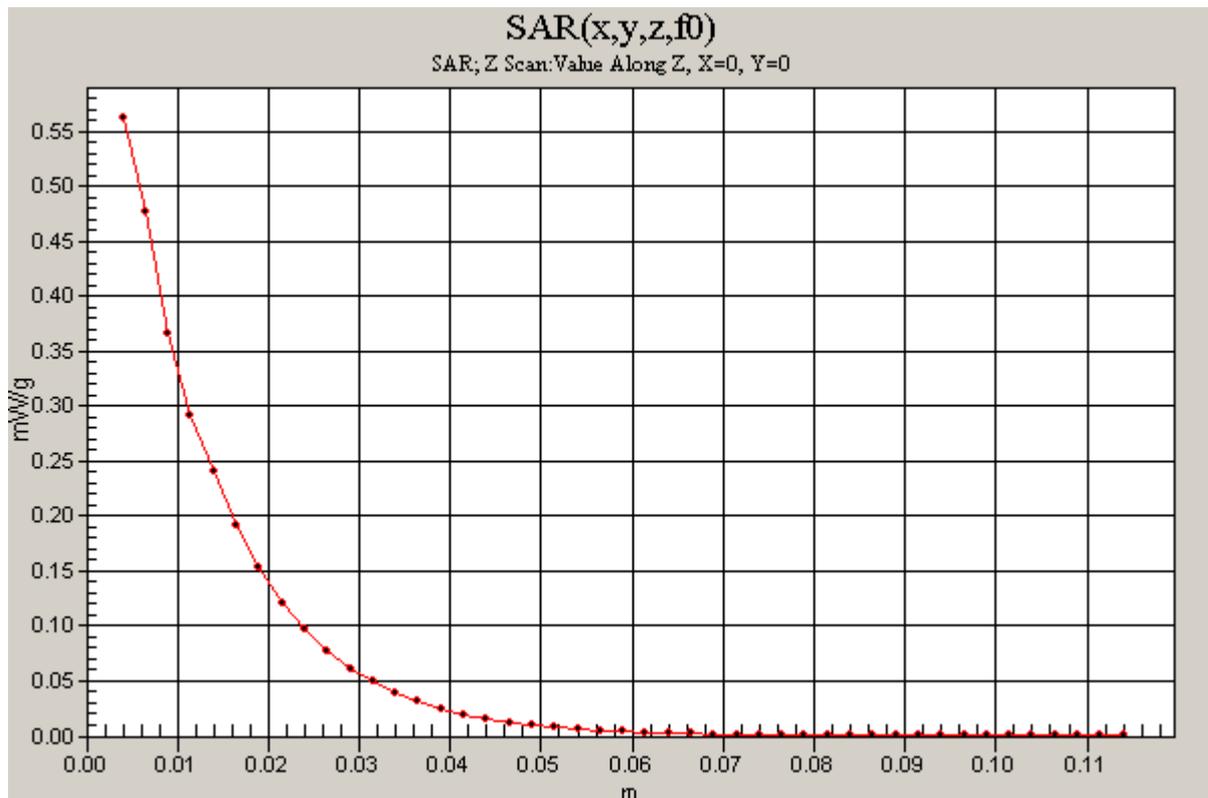
Phantom section: Flat Section

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: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.562 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 810ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 53.3; 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: DAE3 Sn508; Calibrated: 2010/11/11
- 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
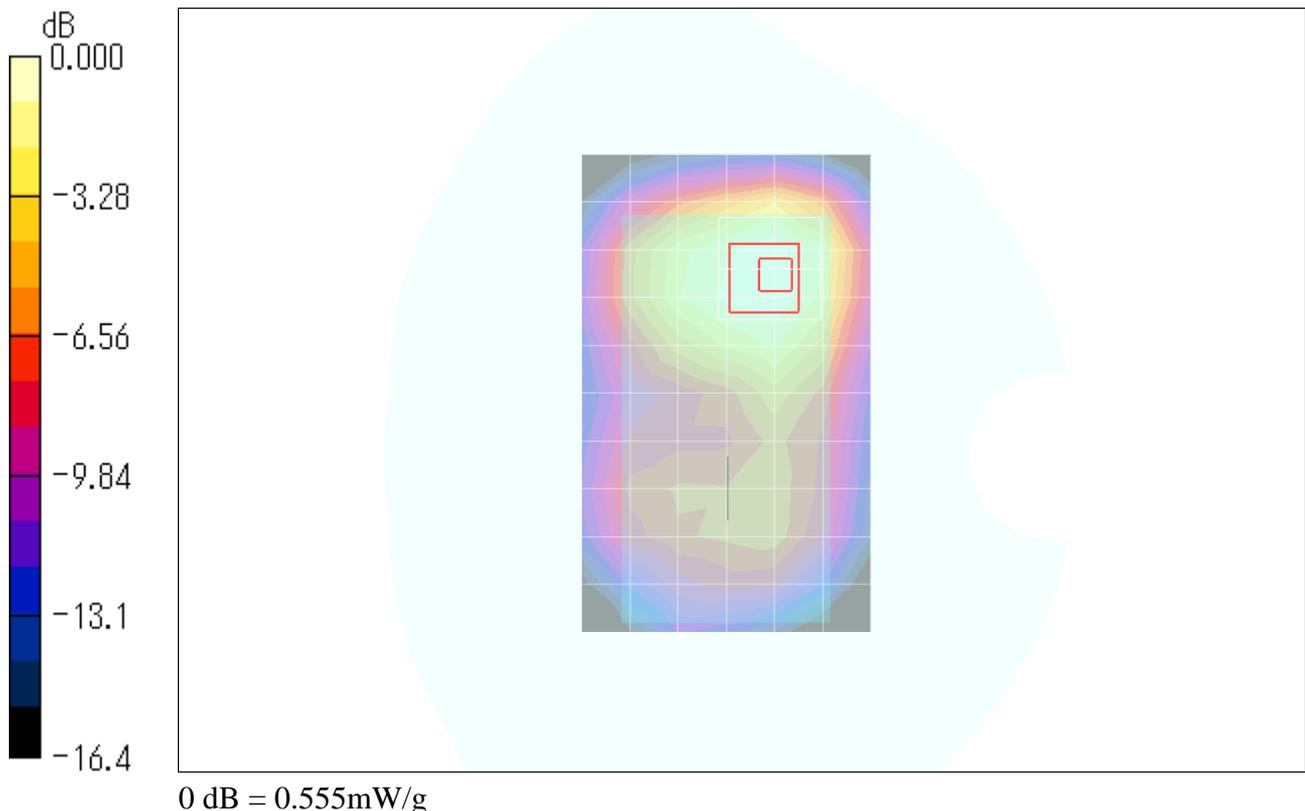Maximum value of SAR (measured) = 0.545 mW/g

Rear Side w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.2 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.330 mW/g
Maximum value of SAR (measured) = 0.555 mW/g

0 dB = 0.555mW/g

Attachment 2-3 – SAR Test Plots (WLAN)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.82 mho/m; ε_r = 39.2; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
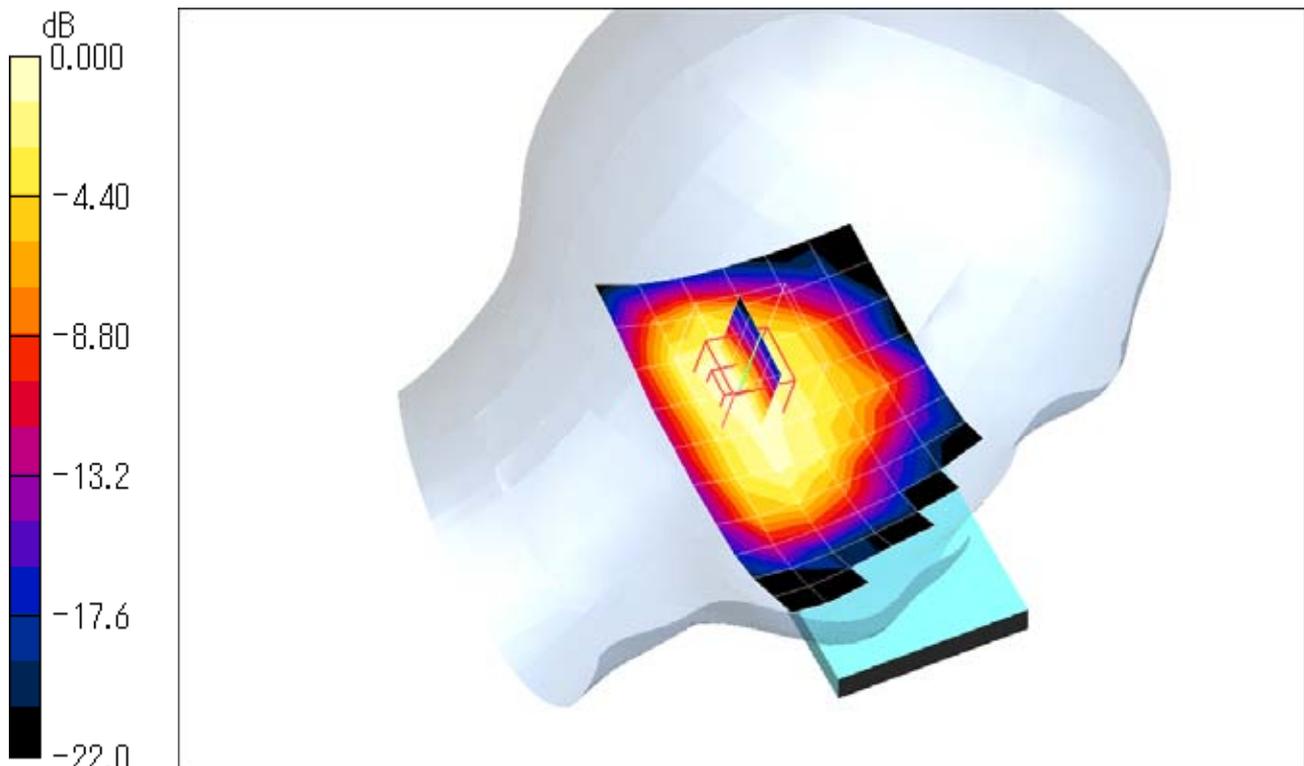Maximum value of SAR (measured) = 0.118 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.99 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.116 mW/g

0 dB = 0.116mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Left Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.82 mho/m; ε_r = 39.2; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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

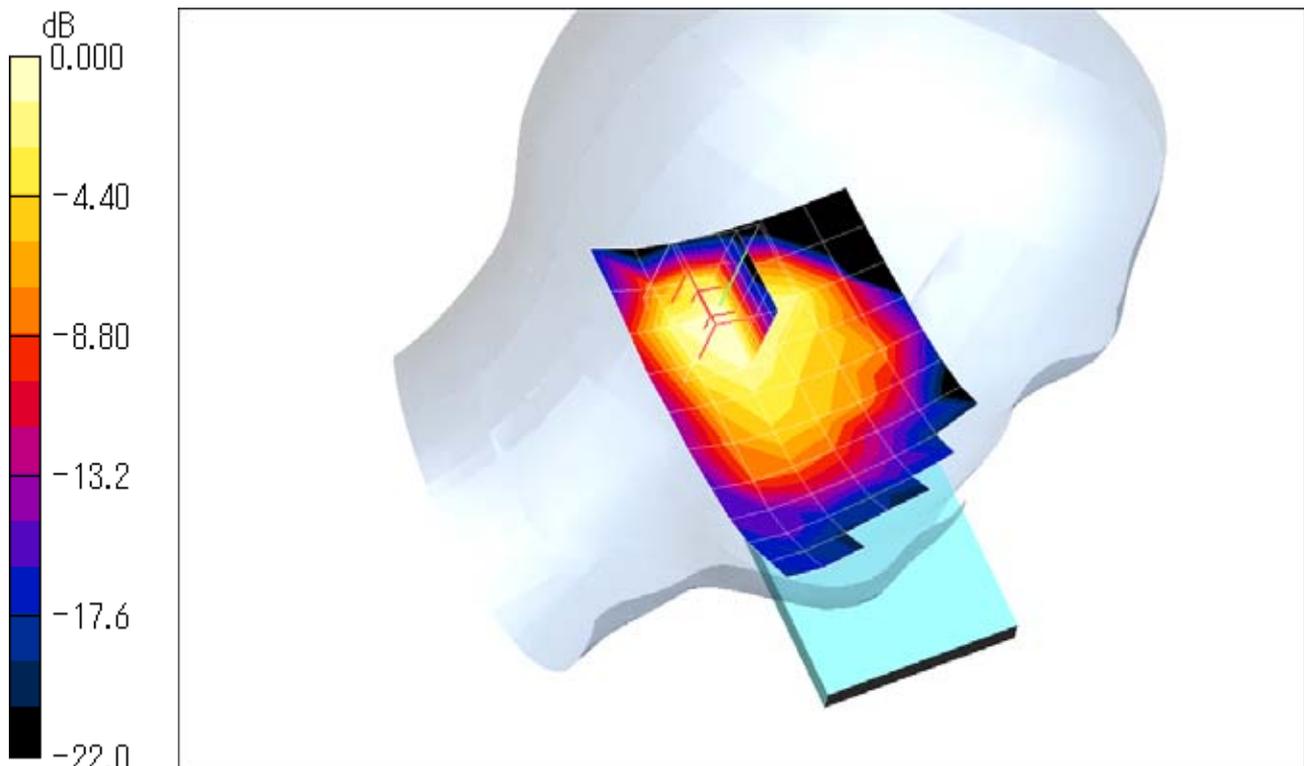Maximum value of SAR (measured) = 0.074 mW/g

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

Reference Value = 5.55 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.038 mW/g

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

0 dB = 0.079mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 1ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL2450 Medium parameters used: f = 2412 MHz; σ = 1.79 mho/m; ε_r = 39.3; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
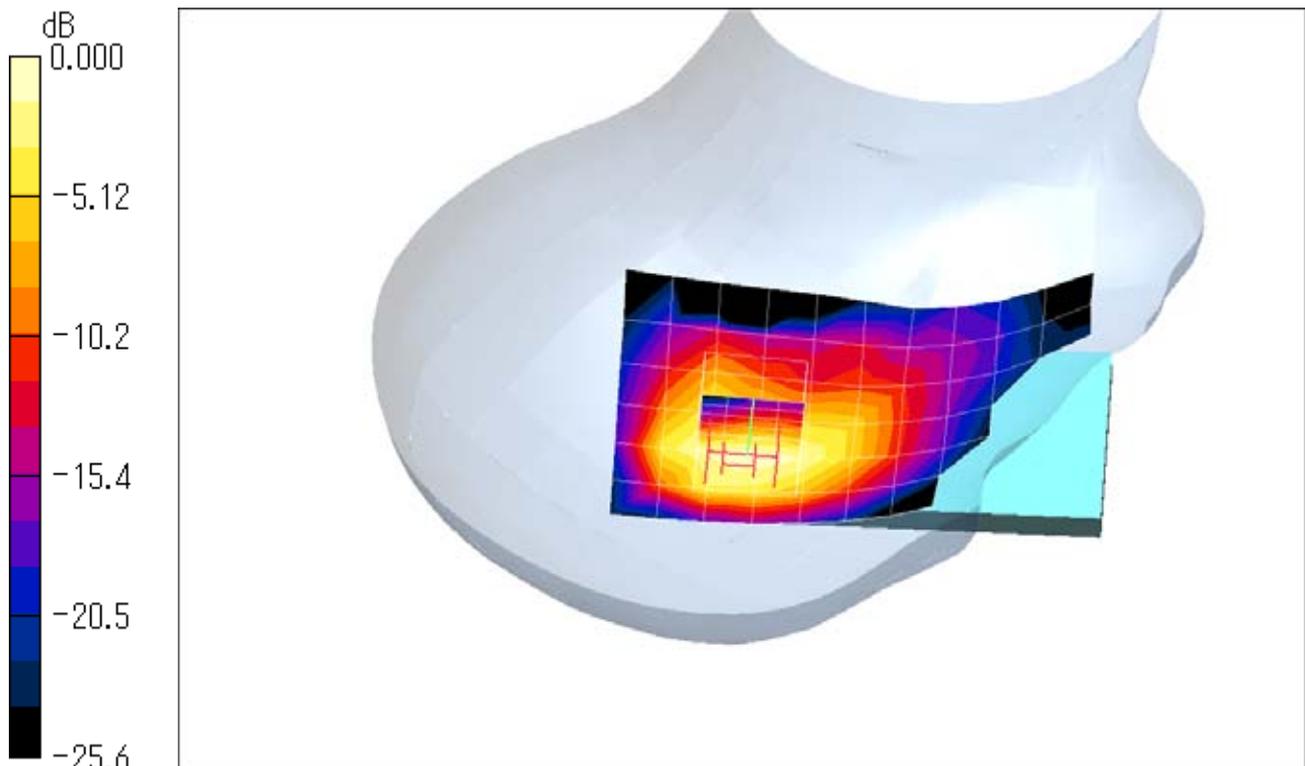Maximum value of SAR (measured) = 0.319 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.62 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.337 mW/g

0 dB = 0.337mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.82 mho/m; ε_r = 39.2; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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

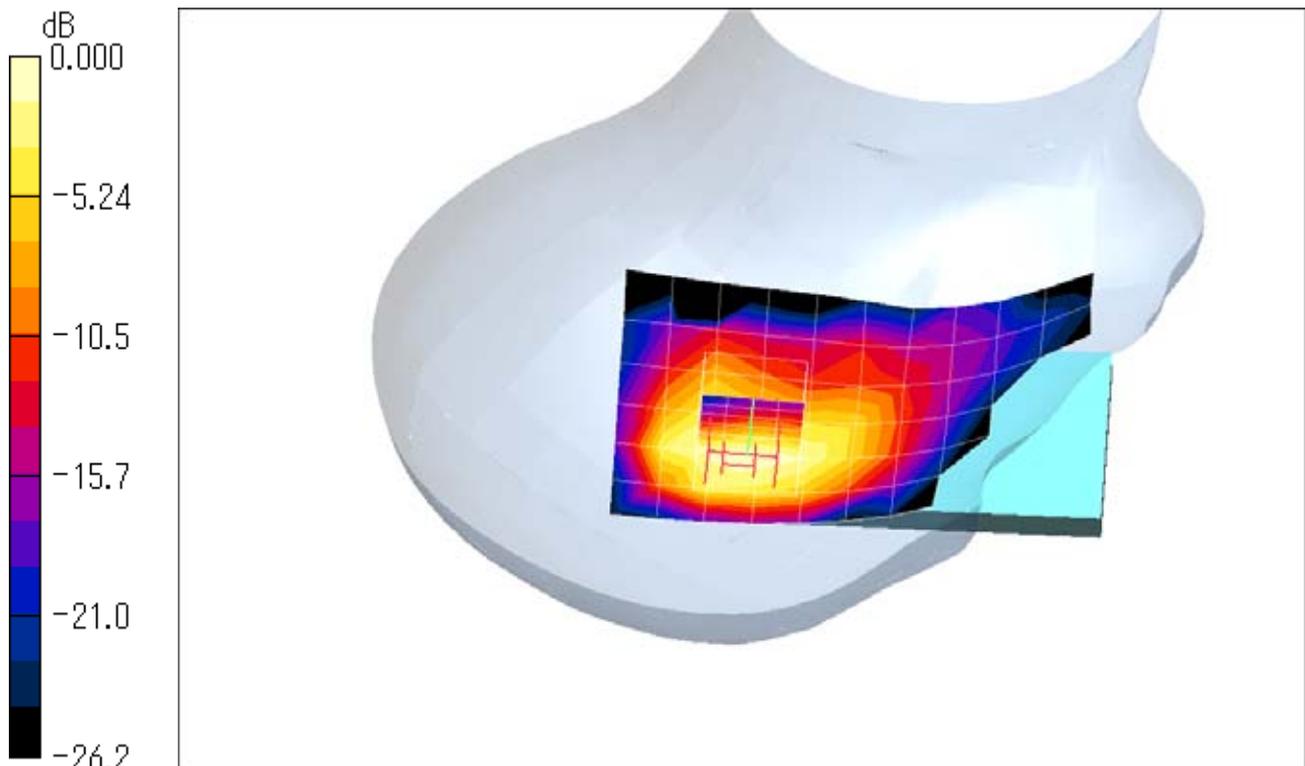Maximum value of SAR (measured) = 0.338 mW/g

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

Reference Value = 7.98 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.352 mW/g

0 dB = 0.352mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 11ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL2450 Medium parameters used: f = 2462 MHz; σ = 1.85 mho/m; ε_r = 39.1; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
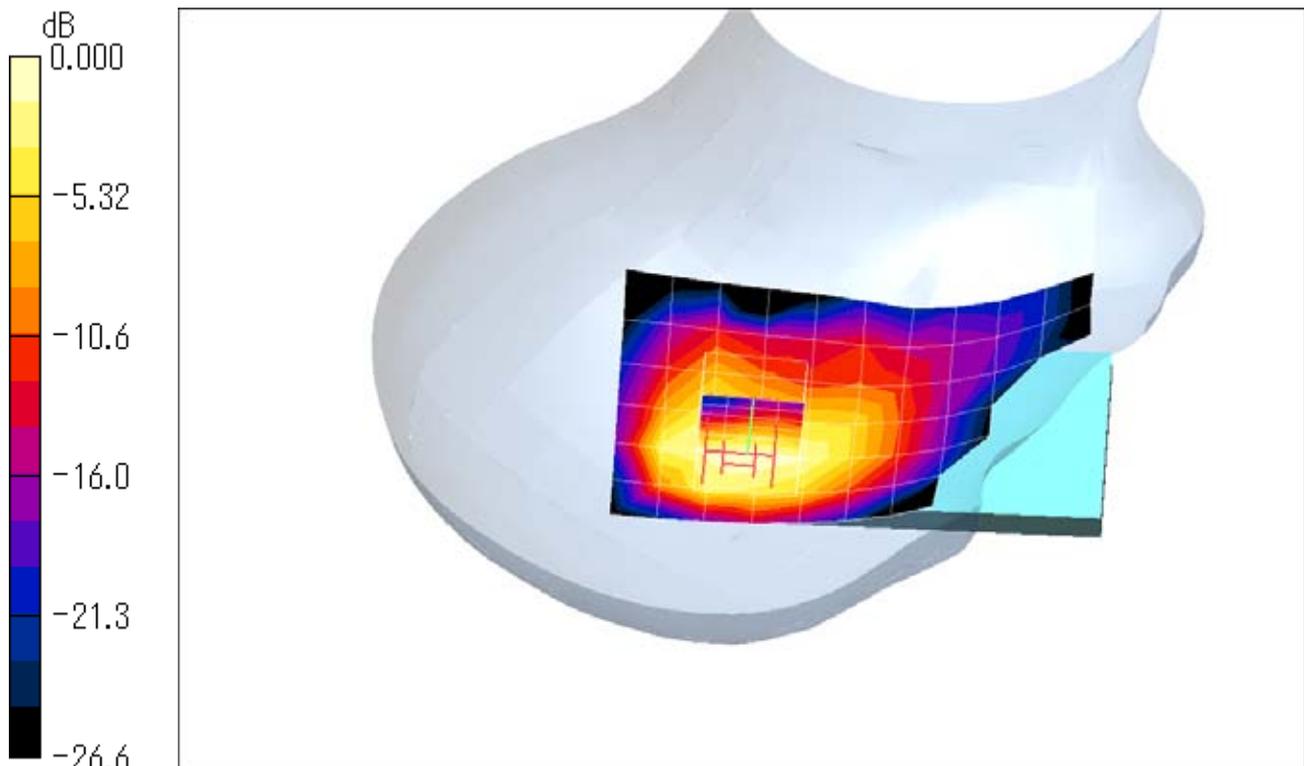Maximum value of SAR (measured) = 0.352 mW/g

Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.29 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 0.774 W/kg
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.367 mW/g

0 dB = 0.367mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 11ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL2450 Medium parameters used: f = 2462 MHz; σ = 1.85 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
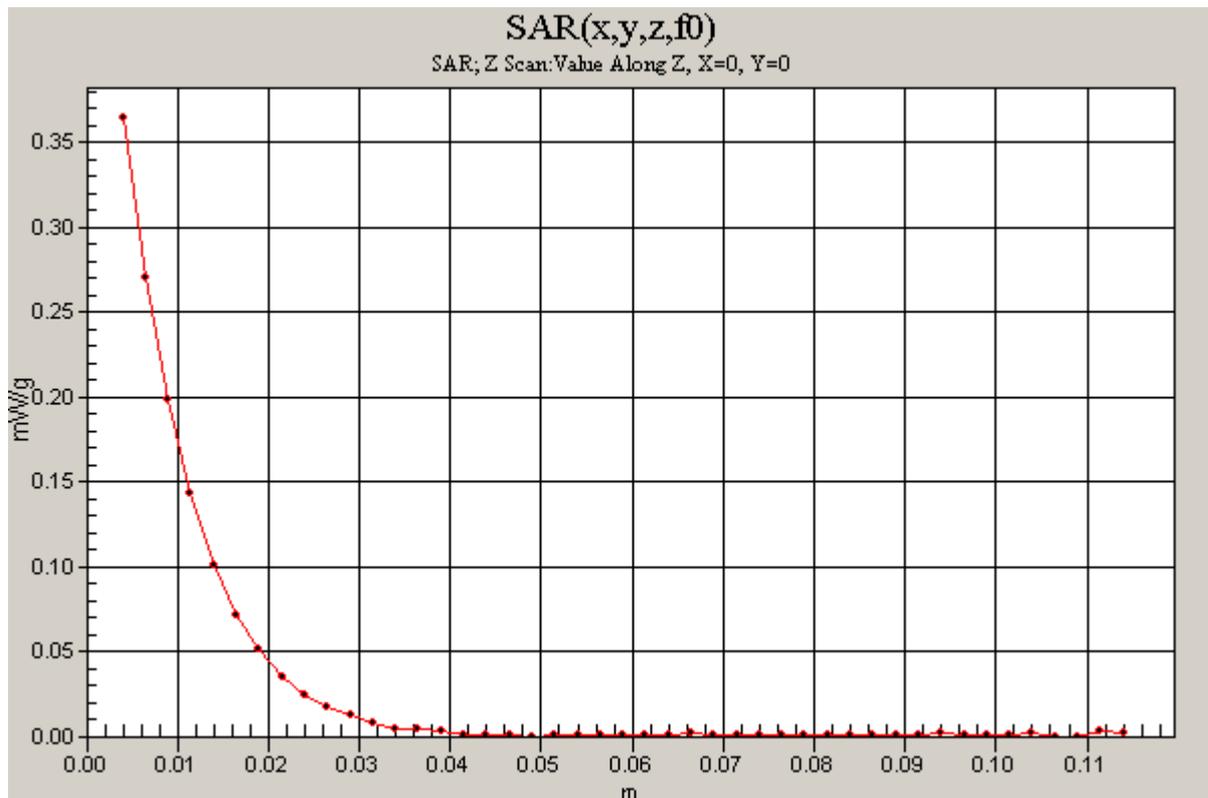
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(7.07, 7.07, 7.07); Calibrated: 2011/09/02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.365 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Right Head 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.82 mho/m; ε_r = 39.2; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
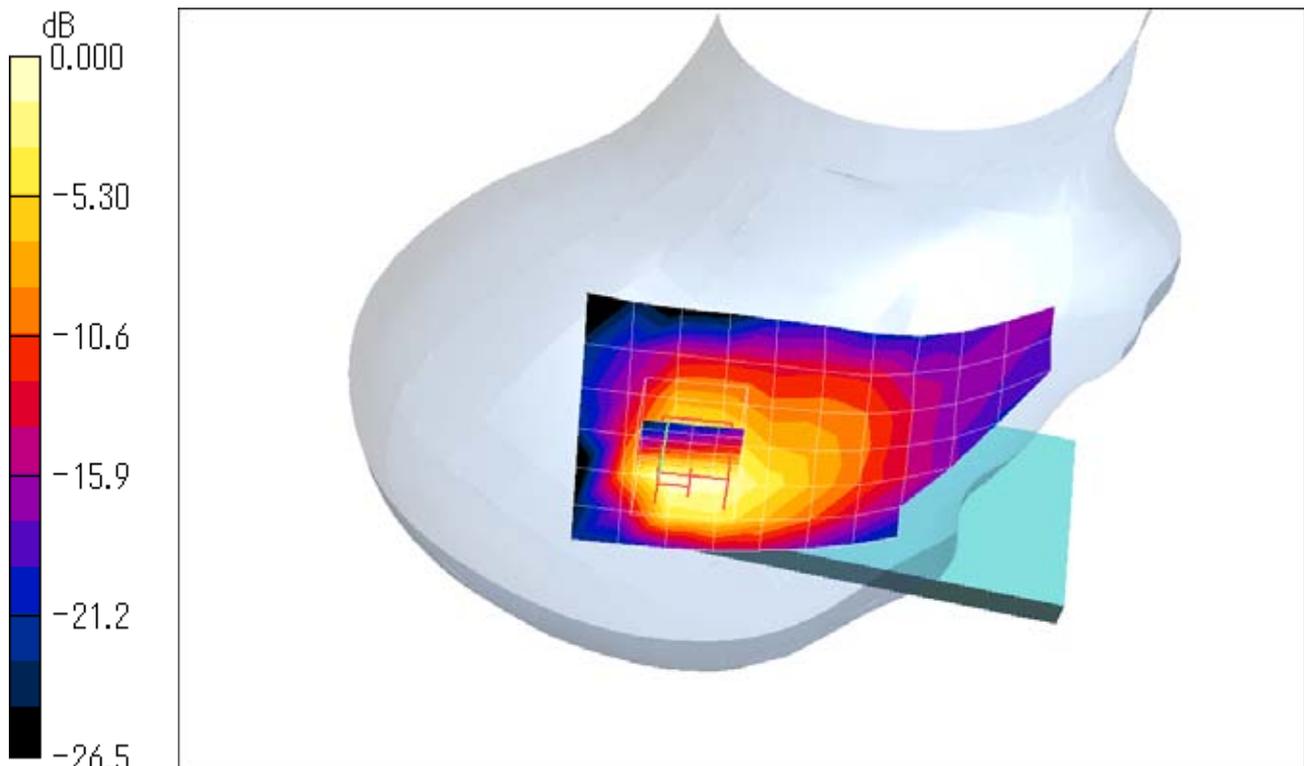Maximum value of SAR (measured) = 0.241 mW/g

Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.90 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.544 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.102 mW/g
Maximum value of SAR (measured) = 0.228 mW/g

0 dB = 0.228mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.2; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm
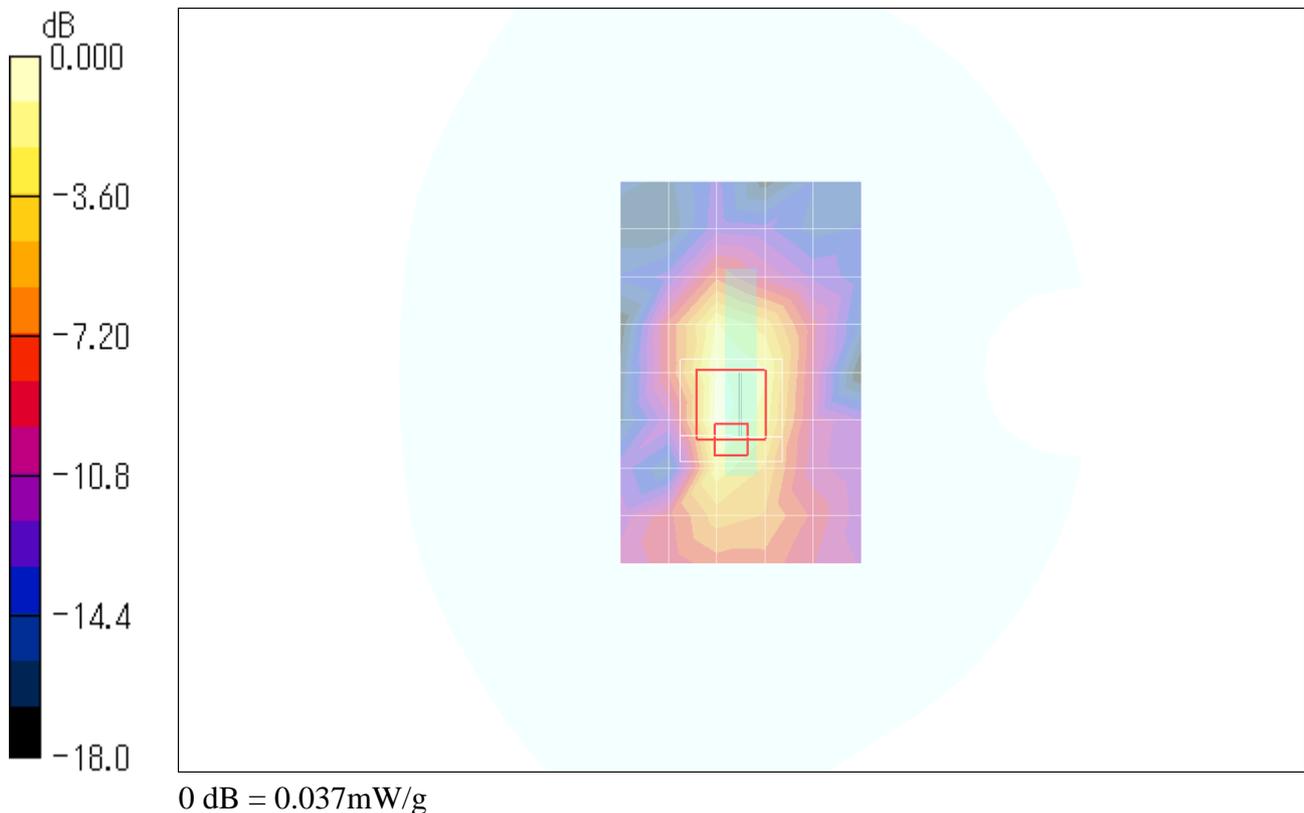Maximum value of SAR (measured) = 0.032 mW/g

Top Edge/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.13 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.037 mW/g

0 dB = 0.037mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.2; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
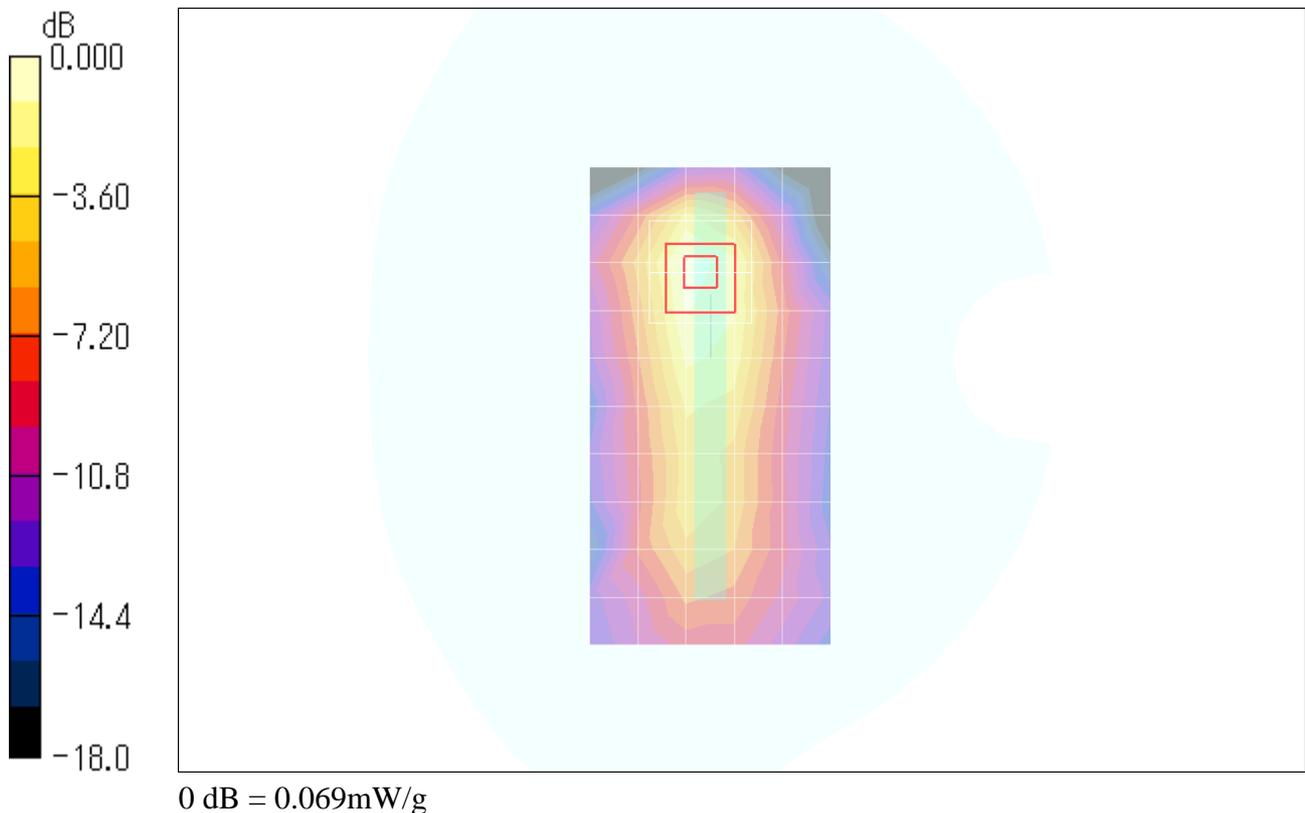
Maximum value of SAR (measured) = 0.062 mW/g

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

Reference Value = 4.91 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.069 mW/g

0 dB = 0.069mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.2; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
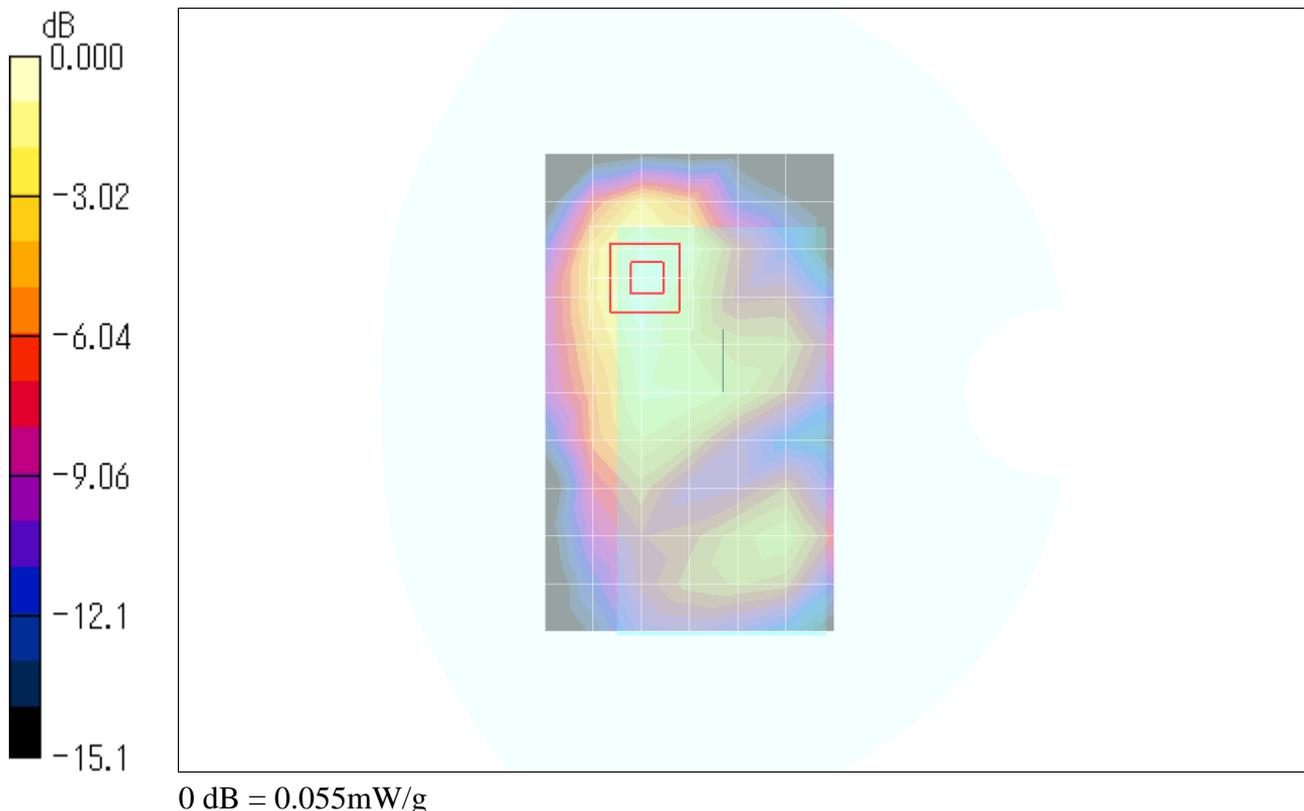Maximum value of SAR (measured) = 0.053 mW/g

Front Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.83 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.055 mW/g

0 dB = 0.055mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 1ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.91 mho/m; ε_r = 51.3; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
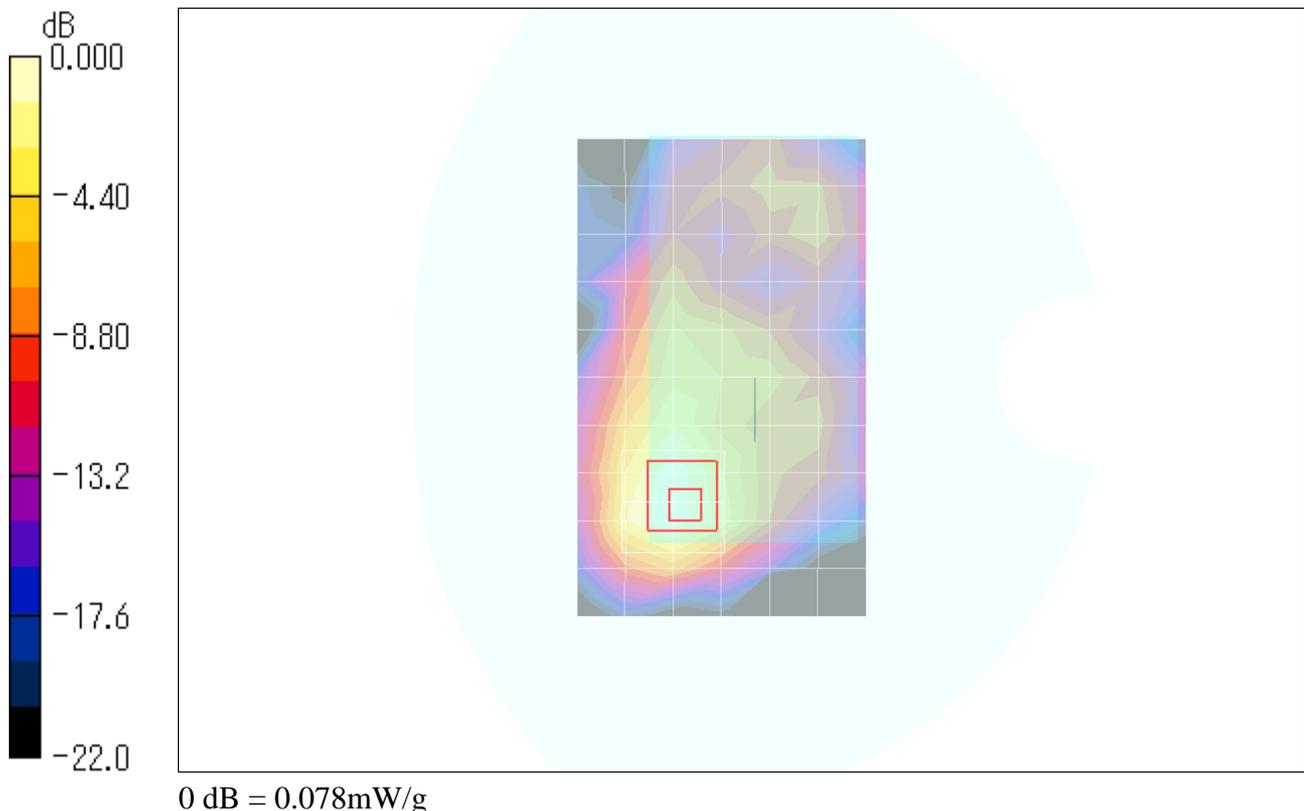
Maximum value of SAR (measured) = 0.076 mW/g

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

Reference Value = 3.31 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.036 mW/g

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

0 dB = 0.078mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 6ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.2; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
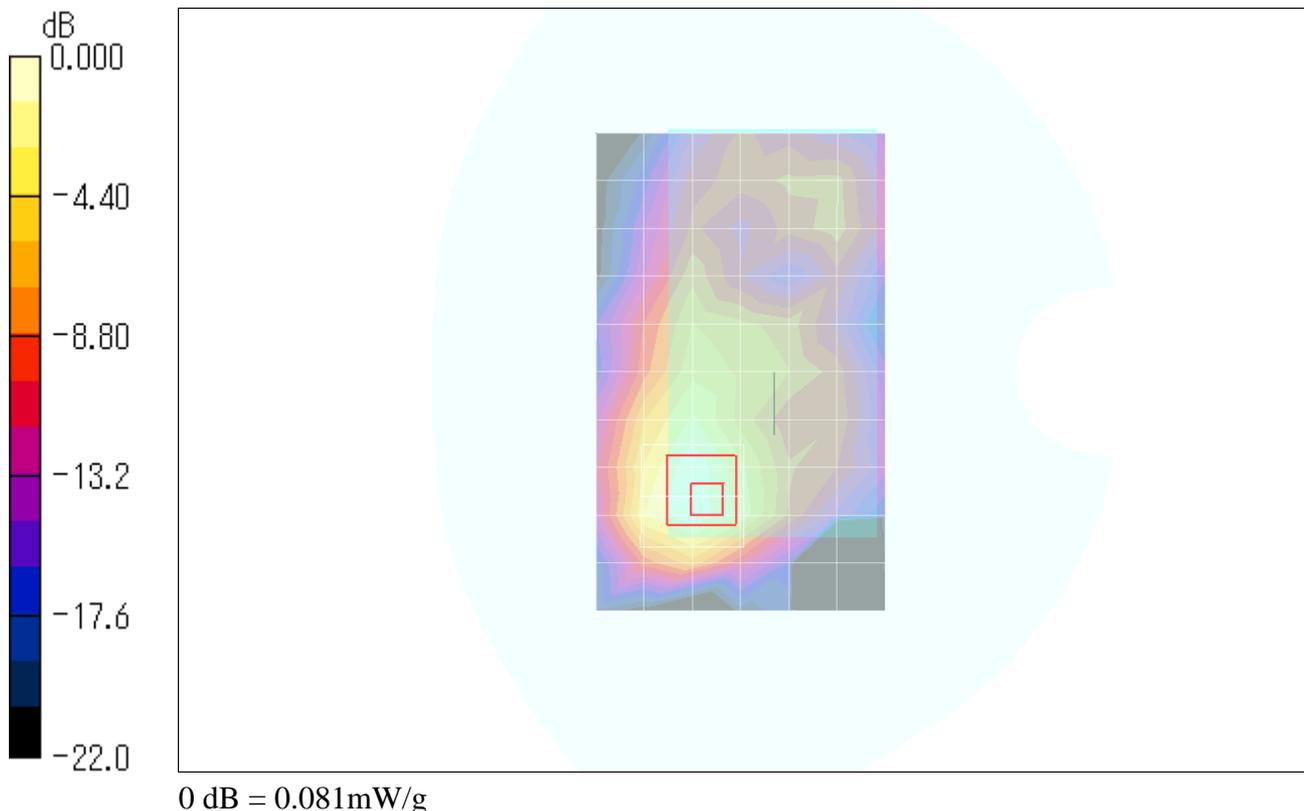Maximum value of SAR (measured) = 0.077 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.01 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.081 mW/g

0 dB = 0.081mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 11ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 1.97 mho/m; ε_r = 51.1; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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
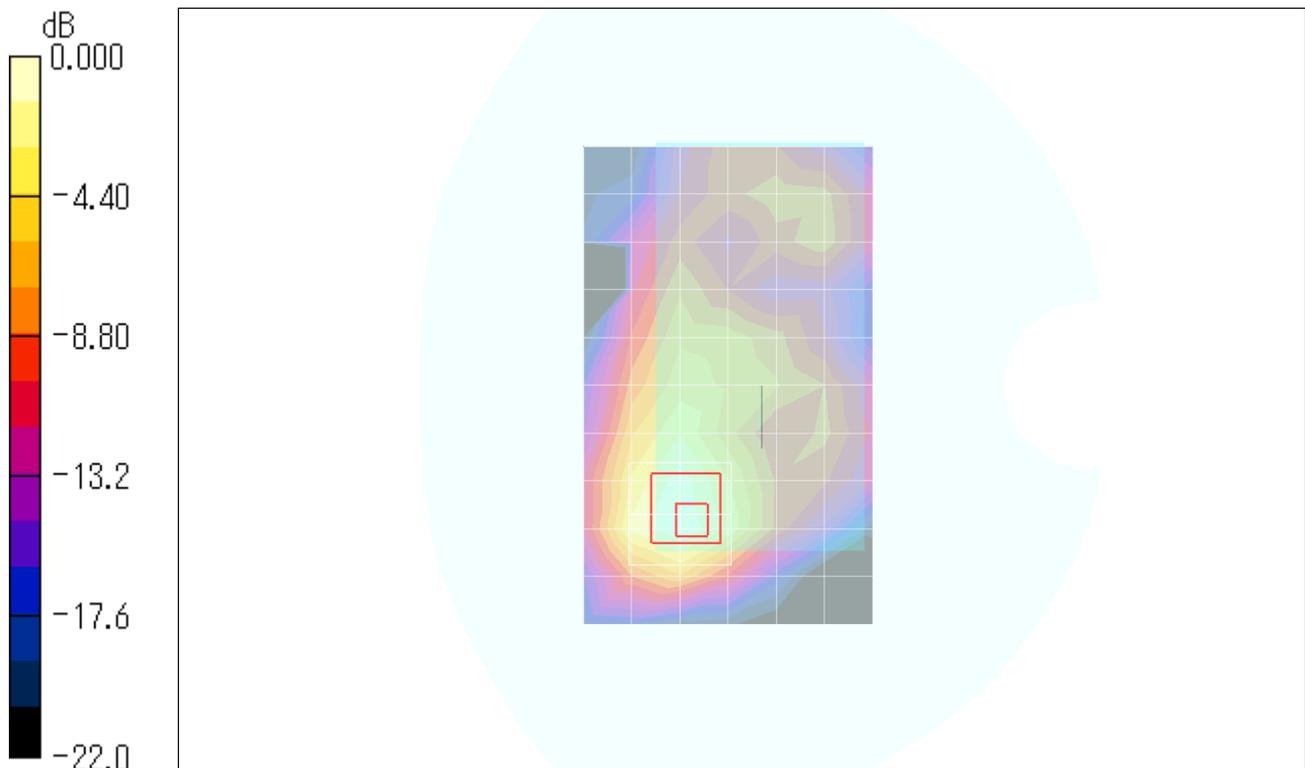Maximum value of SAR (measured) = 0.106 mW/g

Rear Side/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.41 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.108 mW/g

0 dB = 0.108mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 11ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 1.97 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
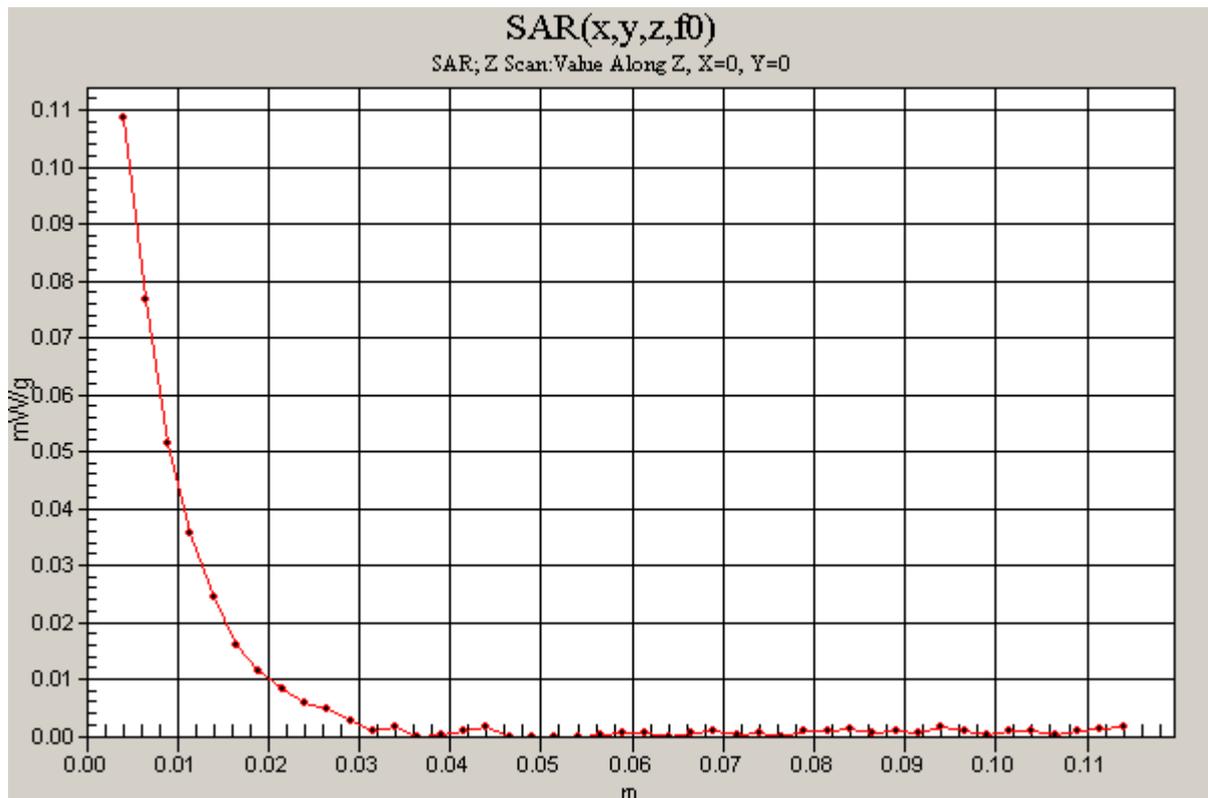
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.85, 6.85, 6.85); Calibrated: 2011/09/02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.109 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

Body 11ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01D; Serial: 004401113531202

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

Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 1.97 mho/m; ε_r = 51.1; 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2010/11/11
- 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) = 0.091 mW/g

Rear Side w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.56 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.089 mW/g

0 dB = 0.089mW/g