Attachment 1 – System Validation Plots

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; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.4; $\rho$ = 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: 2010/08/20
- 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
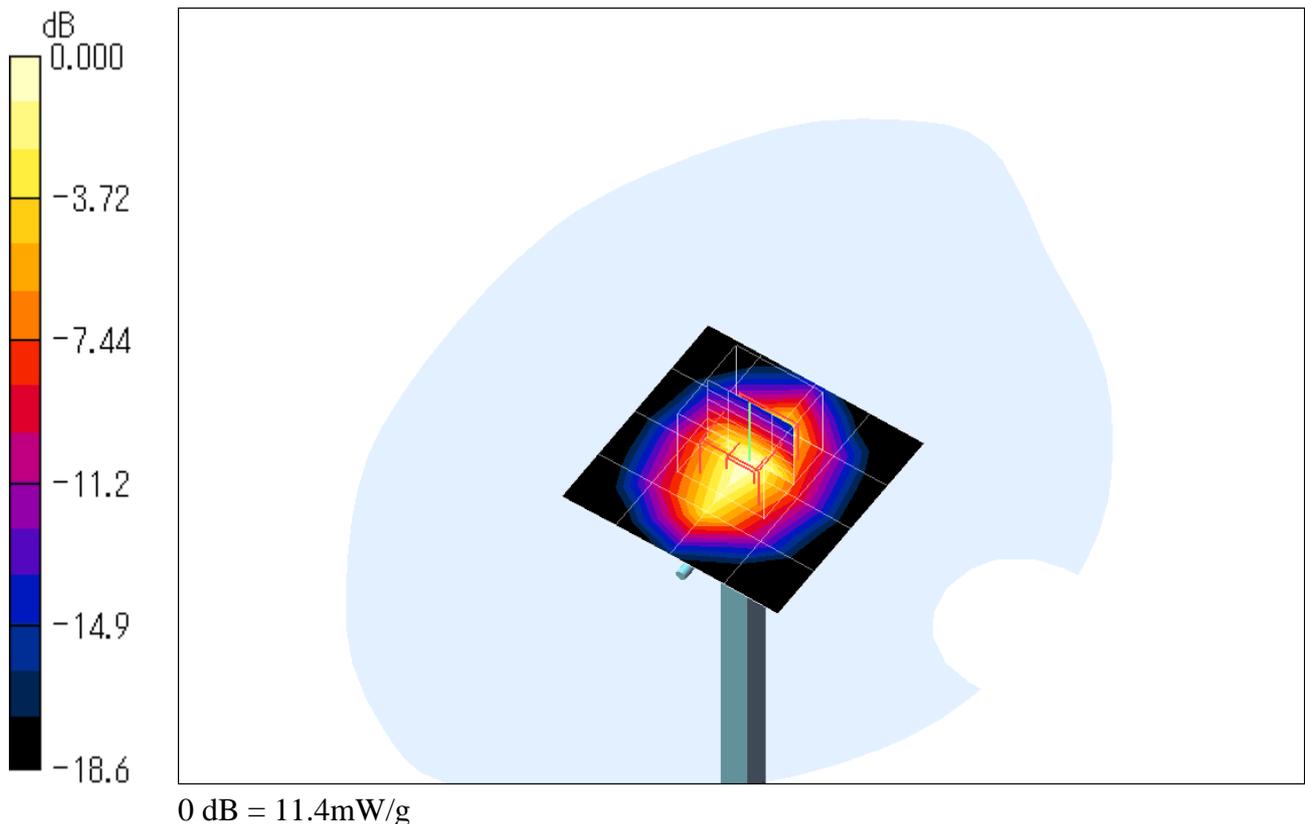Maximum value of SAR (measured) = 11.5 mW/g

**Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.7 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 17.7 W/kg
**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.31 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: M1900 Medium parameters used: f = 1900 MHz; $\sigma$ = 1.54 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.56, 4.56, 4.56); Calibrated: 2010/08/20
- 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
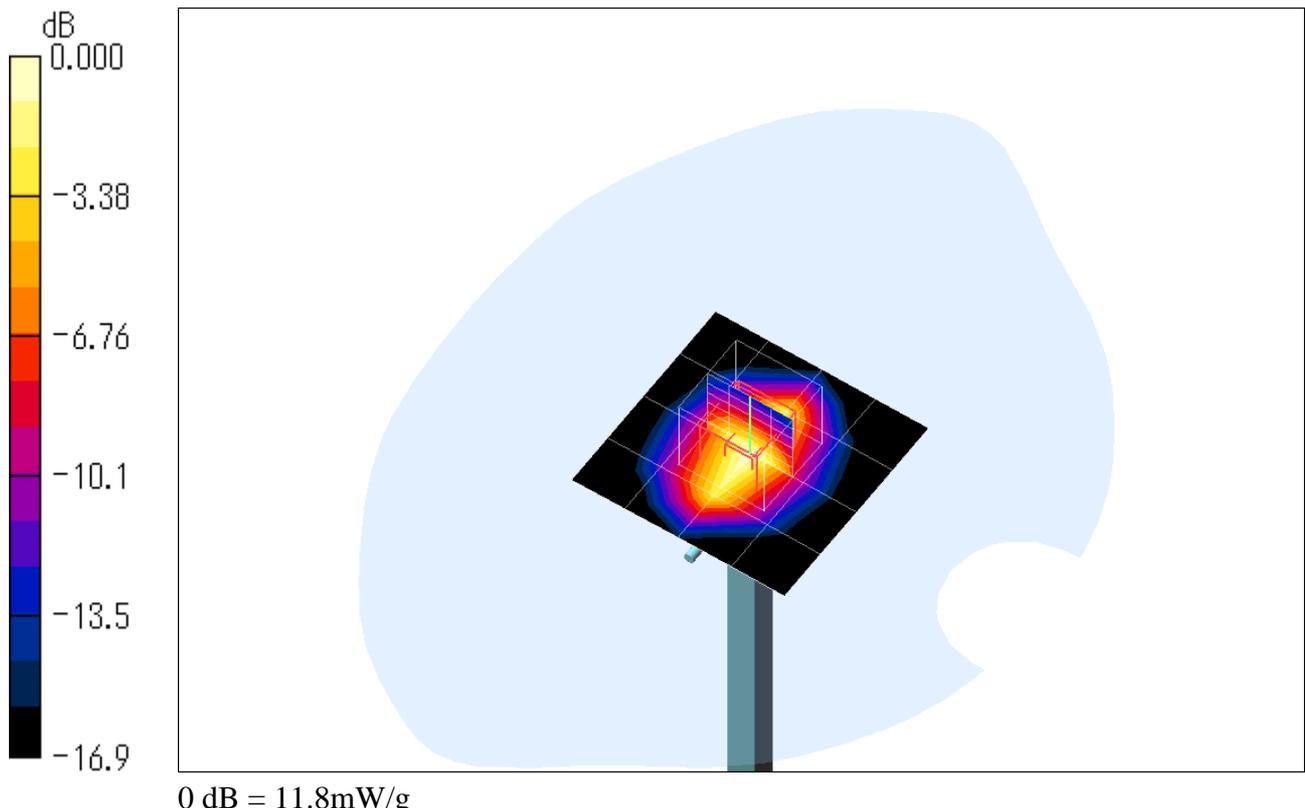Maximum value of SAR (measured) = 12.0 mW/g

**Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.5 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 16.5 W/kg
**SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.62 mW/g**
Maximum value of SAR (measured) = 11.8 mW/g



0 dB = 11.8mW/g

Date/Time: 2011/04/04 9:24:09

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; $\sigma$ = 1.84 mho/m; $\varepsilon_r$ = 39.2; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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
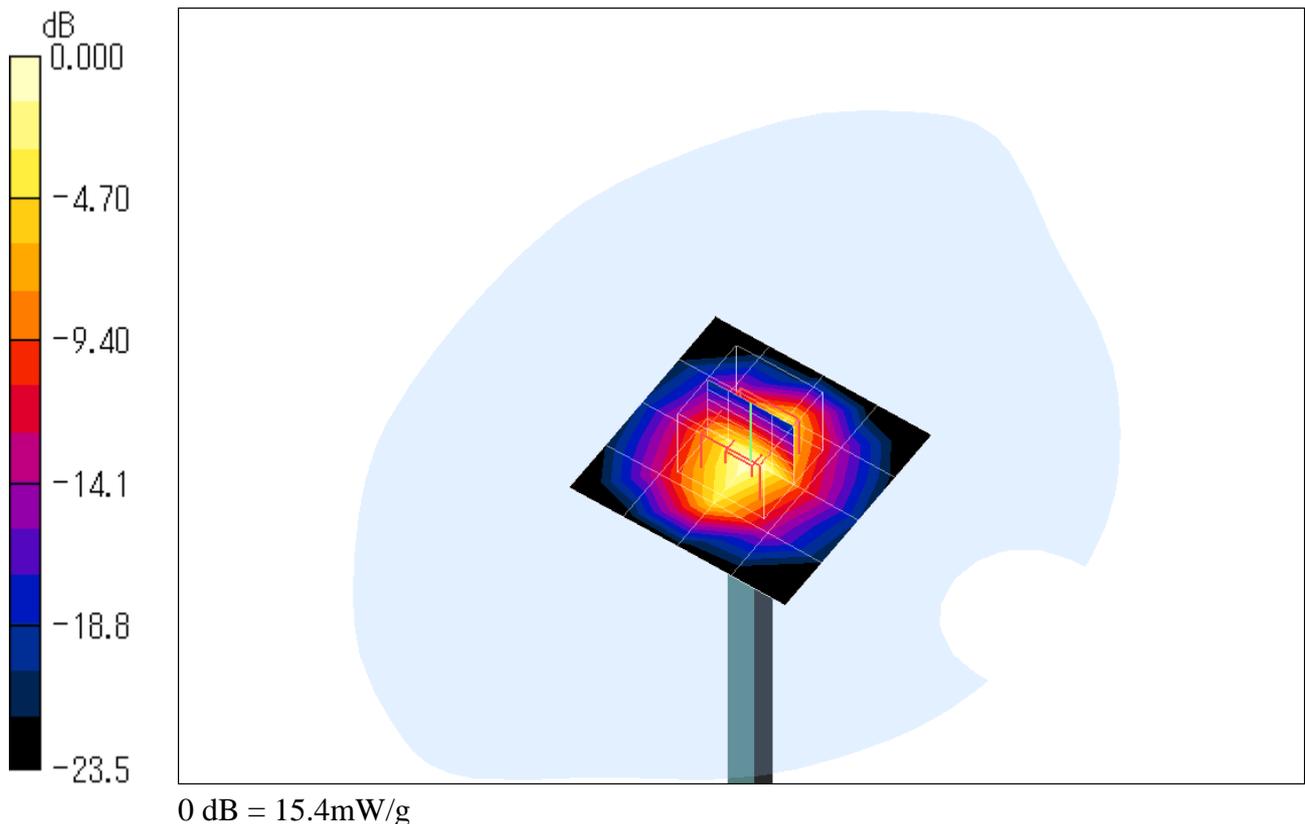Maximum value of SAR (measured) = 15.9 mW/g

**Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.3 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 31.2 W/kg
**SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.21 mW/g**
Maximum value of SAR (measured) = 15.4 mW/g



0 dB = 15.4mW/g

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## System Validation (Body 2450 MHz)

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

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: M2450 Medium parameters used: f = 2450 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.8; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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
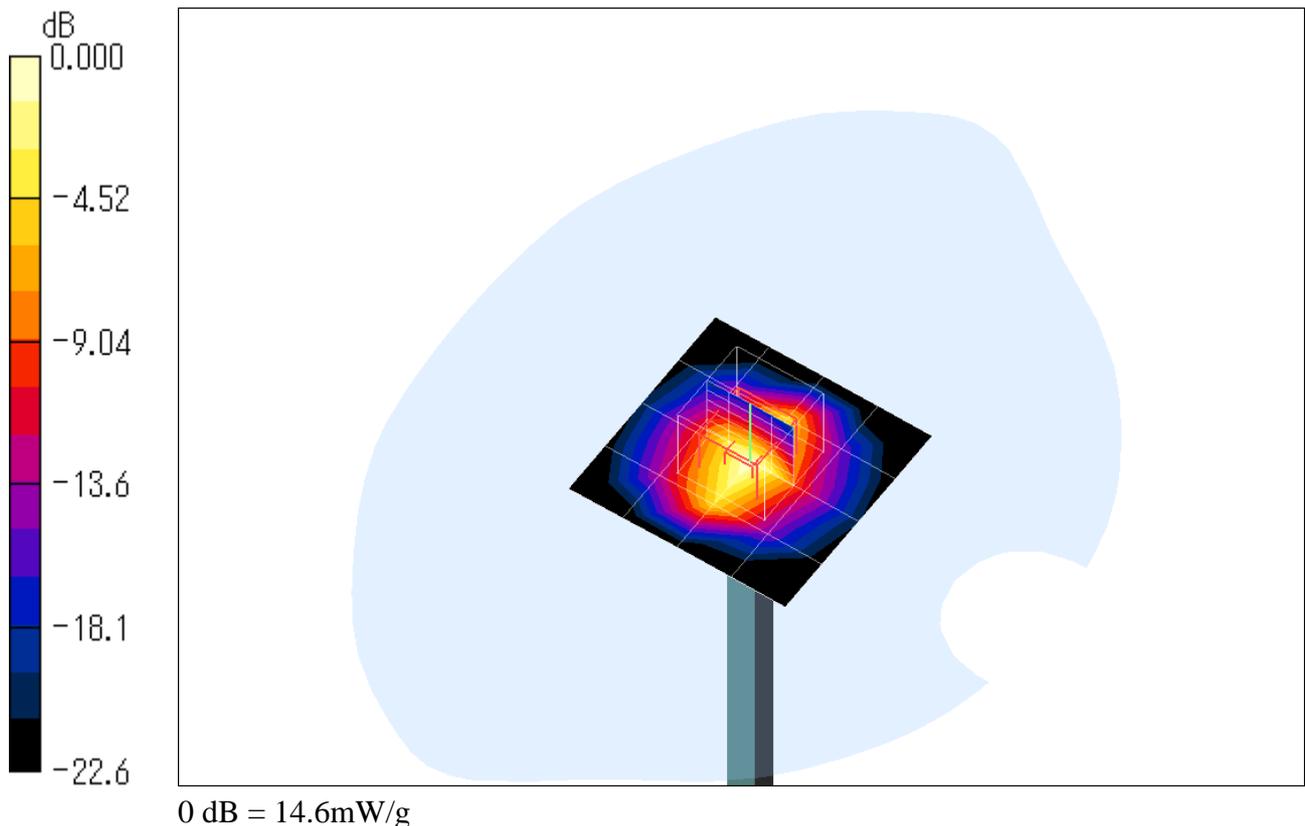Maximum value of SAR (measured) = 14.7 mW/g

**Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 91.4 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 30.1 W/kg
**SAR(1 g) = 13.1 mW/g; SAR(10 g) = 5.93 mW/g**
Maximum value of SAR (measured) = 14.6 mW/g



0 dB = 14.6mW/g

Attachment 2-1 – SAR Test Plots (PCS 1900)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

# Left Head 661ch / PCS 1900 - GPRS 2slot

## DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.43 mho/m; $\varepsilon_r$ = 39.5; $\rho$ = 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: 2010/08/20
- 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
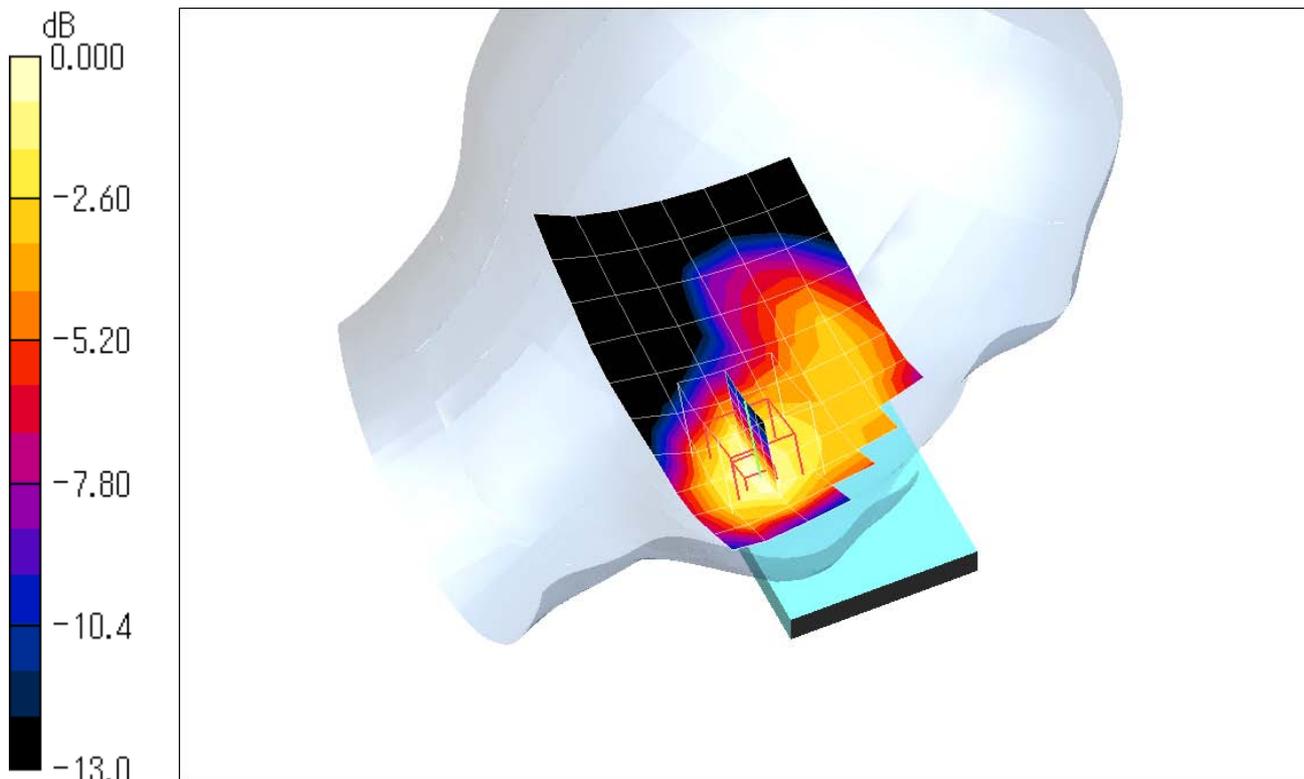
Maximum value of SAR (measured) = 0.626 mW/g

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

Reference Value = 16.0 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.357 mW/g**

Maximum value of SAR (measured) = 0.636 mW/g



0 dB = 0.636mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head 661ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.43 mho/m; $\varepsilon_r$ = 39.5; $\rho$ = 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: 2010/08/20
- 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

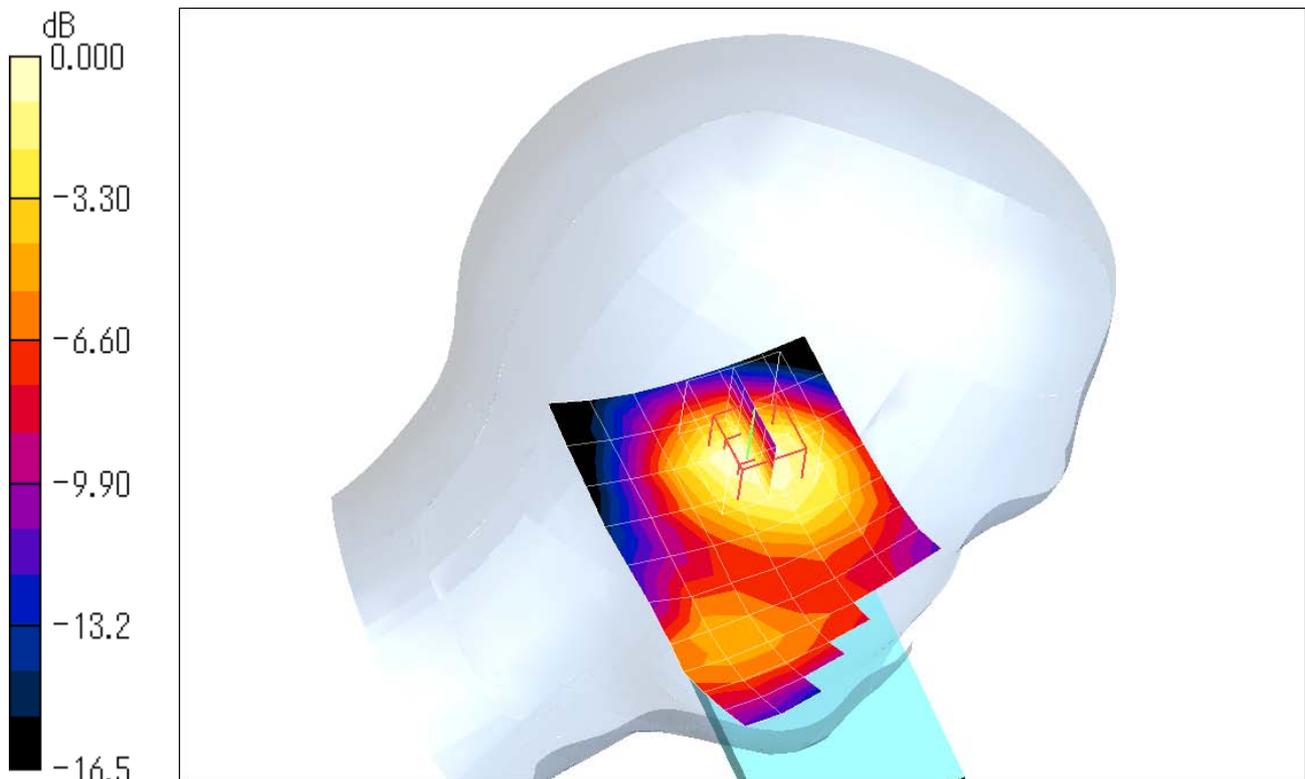Maximum value of SAR (measured) = 0.284 mW/g

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

Reference Value = 13.2 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.411 W/kg

**SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.184 mW/g**

Maximum value of SAR (measured) = 0.308 mW/g



0 dB = 0.308mW/g

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# Right Head 512ch / PCS 1900 - GPRS 2slot

## DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.4 mho/m; $\varepsilon_r$ = 39.7; $\rho$ = 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: 2010/08/20
- 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
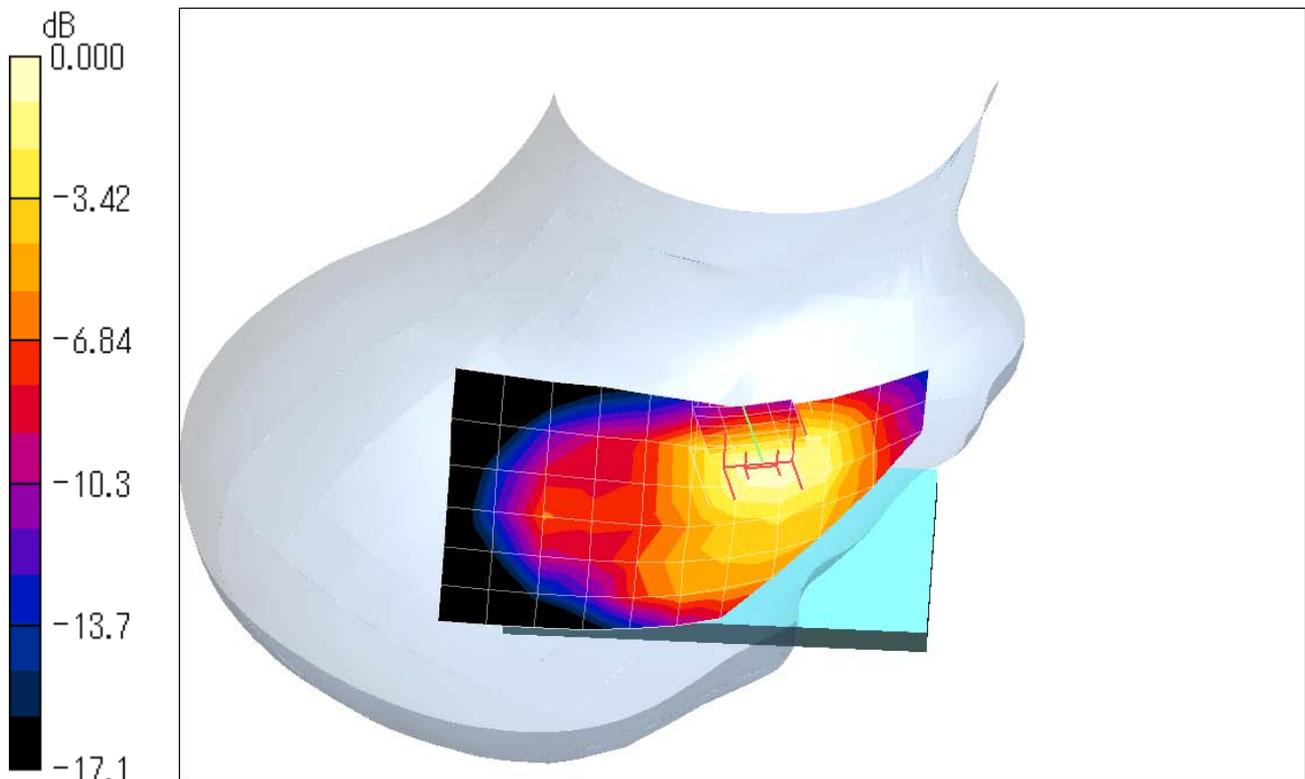Maximum value of SAR (measured) = 0.652 mW/g

**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.997 W/kg
**SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.446 mW/g**
Maximum value of SAR (measured) = 0.760 mW/g



0 dB = 0.760mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head 512ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.4 mho/m; $\varepsilon_r$ = 39.7; $\rho$ = 1000 kg/m$^3$
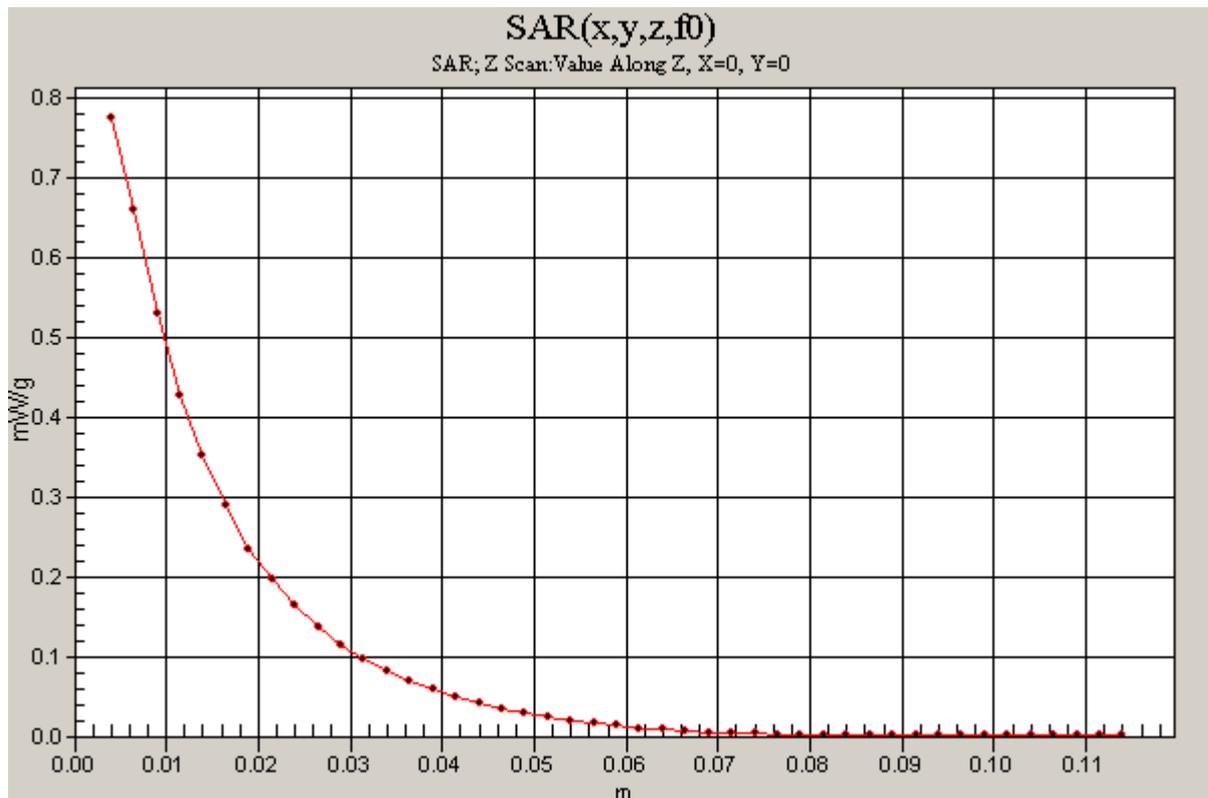
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.93, 4.93, 4.93); Calibrated: 2010/08/20
- 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) = 0.776 mW/g

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## Right Head 661ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.43 mho/m; $\varepsilon_r$ = 39.5; $\rho$ = 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: 2010/08/20
- 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
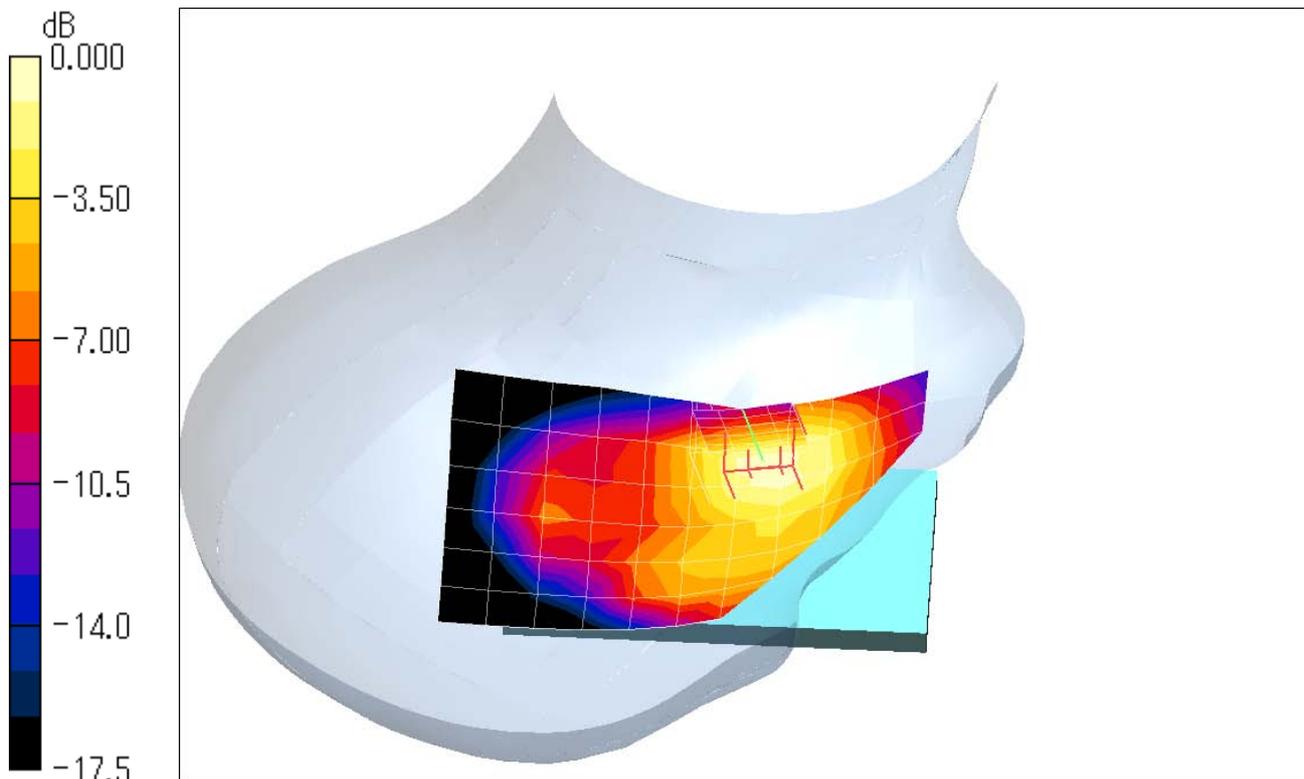
Maximum value of SAR (measured) = 0.610 mW/g

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

Reference Value = 12.7 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.897 W/kg

**SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.397 mW/g**

Maximum value of SAR (measured) = 0.679 mW/g



0 dB = 0.679mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head 810ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium: HSL1900 Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.46 mho/m; $\varepsilon_r$ = 39.4; $\rho$ = 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: 2010/08/20
- 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
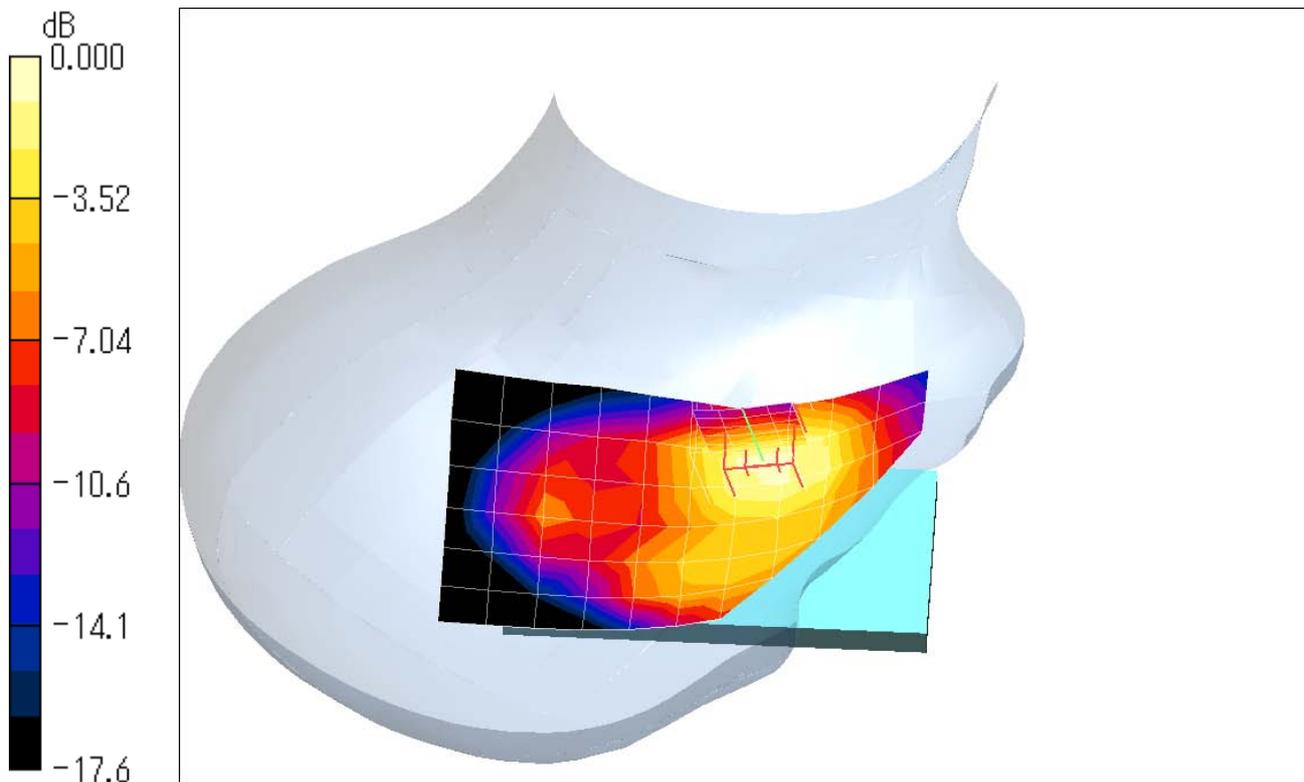Maximum value of SAR (measured) = 0.546 mW/g

**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.823 W/kg
**SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.356 mW/g**
Maximum value of SAR (measured) = 0.628 mW/g



0 dB = 0.628mW/g

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## Right Head 661ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: HSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.43 mho/m; $\varepsilon_r$ = 39.5; $\rho$ = 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: 2010/08/20
- 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
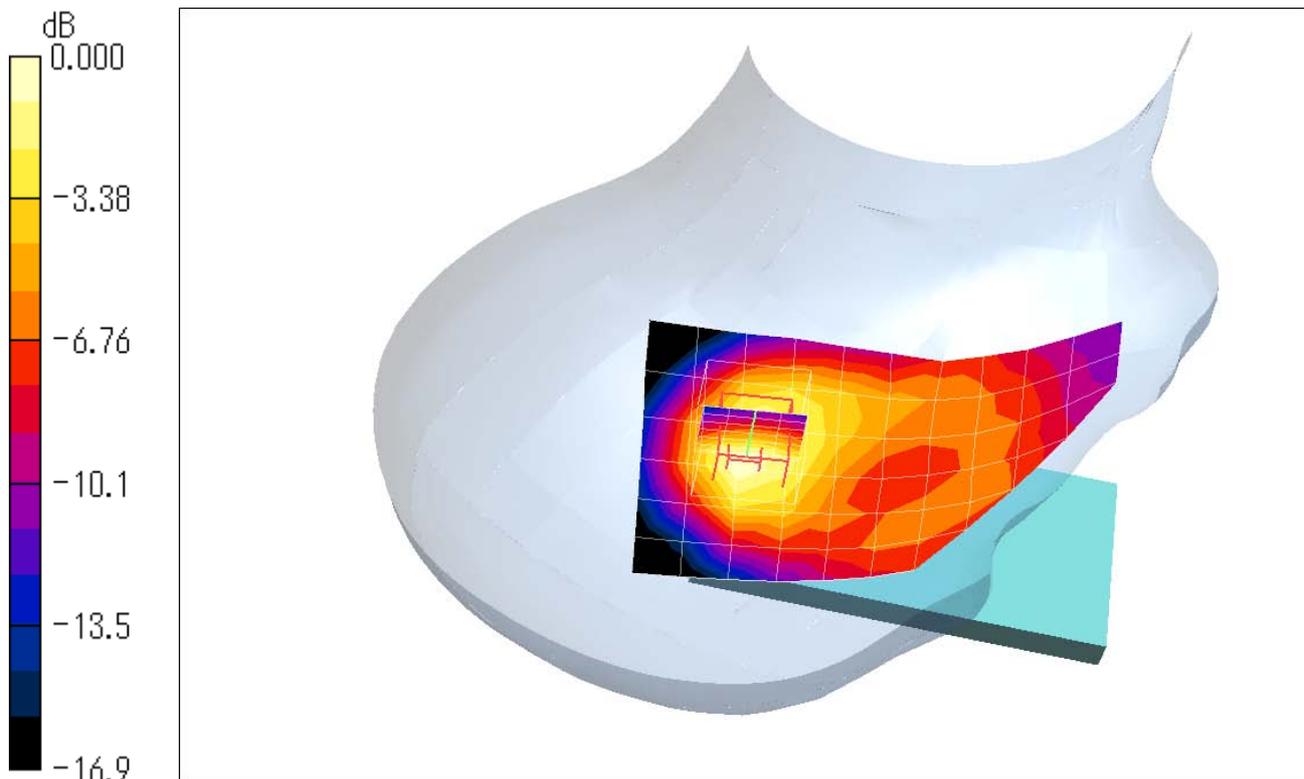Maximum value of SAR (measured) = 0.278 mW/g

**Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.386 W/kg
**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.155 mW/g**
Maximum value of SAR (measured) = 0.286 mW/g



0 dB = 0.286mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 661ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M1900 Medium parameters used: $f$ = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.56, 4.56, 4.56); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm
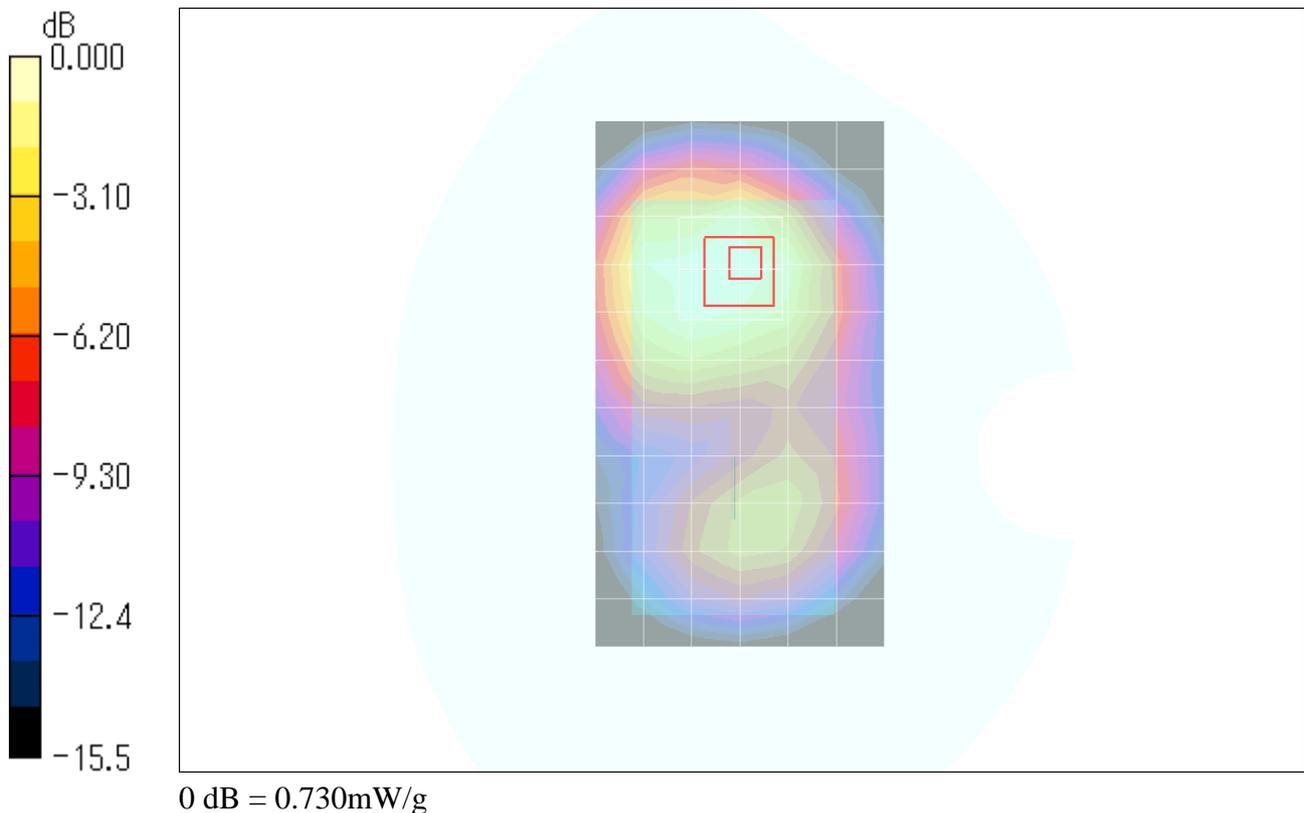Maximum value of SAR (measured) = 0.736 mW/g

**Rear Side/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.07 W/kg
**SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.438 mW/g**
Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 512ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M1900 Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.48 mho/m; $\varepsilon_r$ = 52.6; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.56, 4.56, 4.56); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm

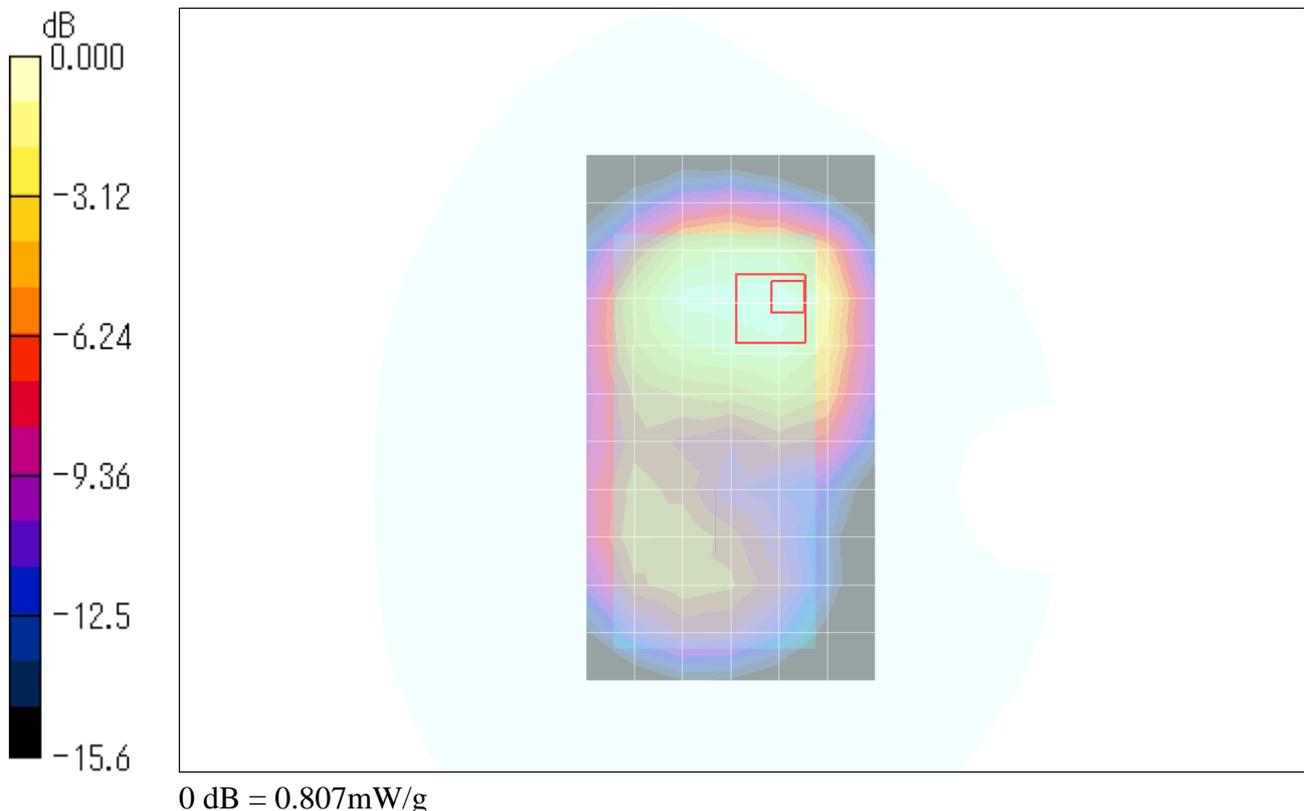Maximum value of SAR (measured) = 0.797 mW/g

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

Reference Value = 23.0 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.442 mW/g**

Maximum value of SAR (measured) = 0.807 mW/g



| dB |
| --- |
| 0.000 |
| -3.12 |
| -6.24 |
| -9.36 |
| -12.5 |
| -15.6 |

0 dB = 0.807mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

# Body 661ch / PCS 1900 - GPRS 2slot

## DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.56, 4.56, 4.56); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm

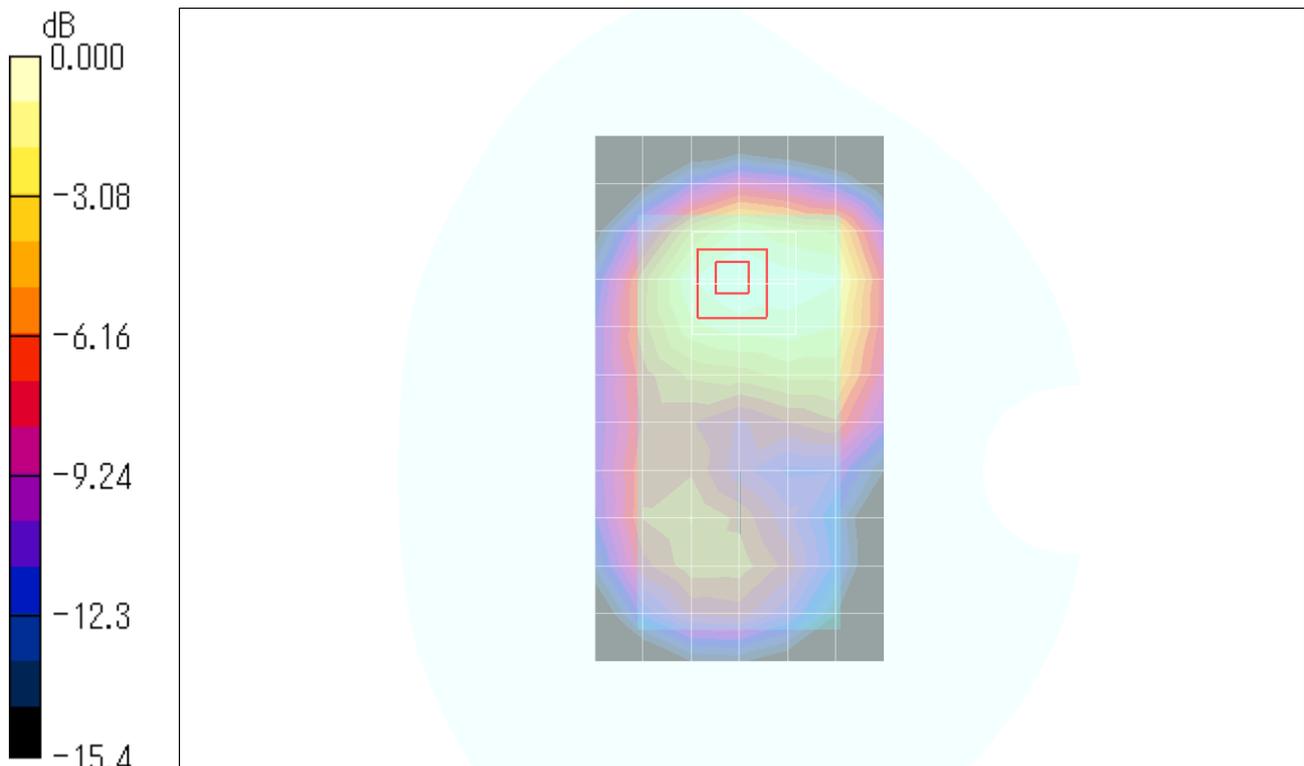Maximum value of SAR (measured) = 0.815 mW/g

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

Reference Value = 23.5 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.469 mW/g**

Maximum value of SAR (measured) = 0.789 mW/g



0 dB = 0.789mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 810ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium: M1900 Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.55 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.56, 4.56, 4.56); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm
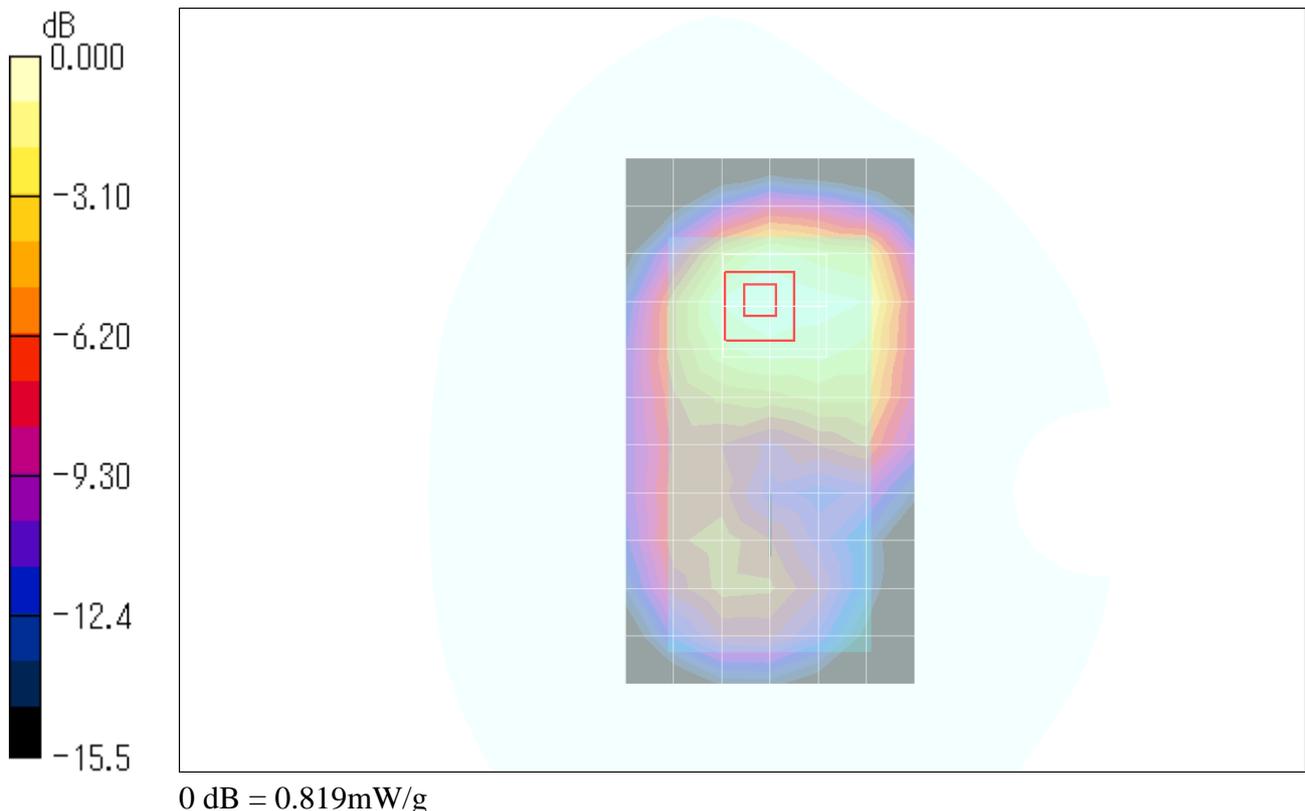Maximum value of SAR (measured) = 0.849 mW/g

**Front Side/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.8 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 1.08 W/kg
**SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.483 mW/g**
Maximum value of SAR (measured) = 0.819 mW/g



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

0 dB = 0.819mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 810ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M1900 Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.55 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
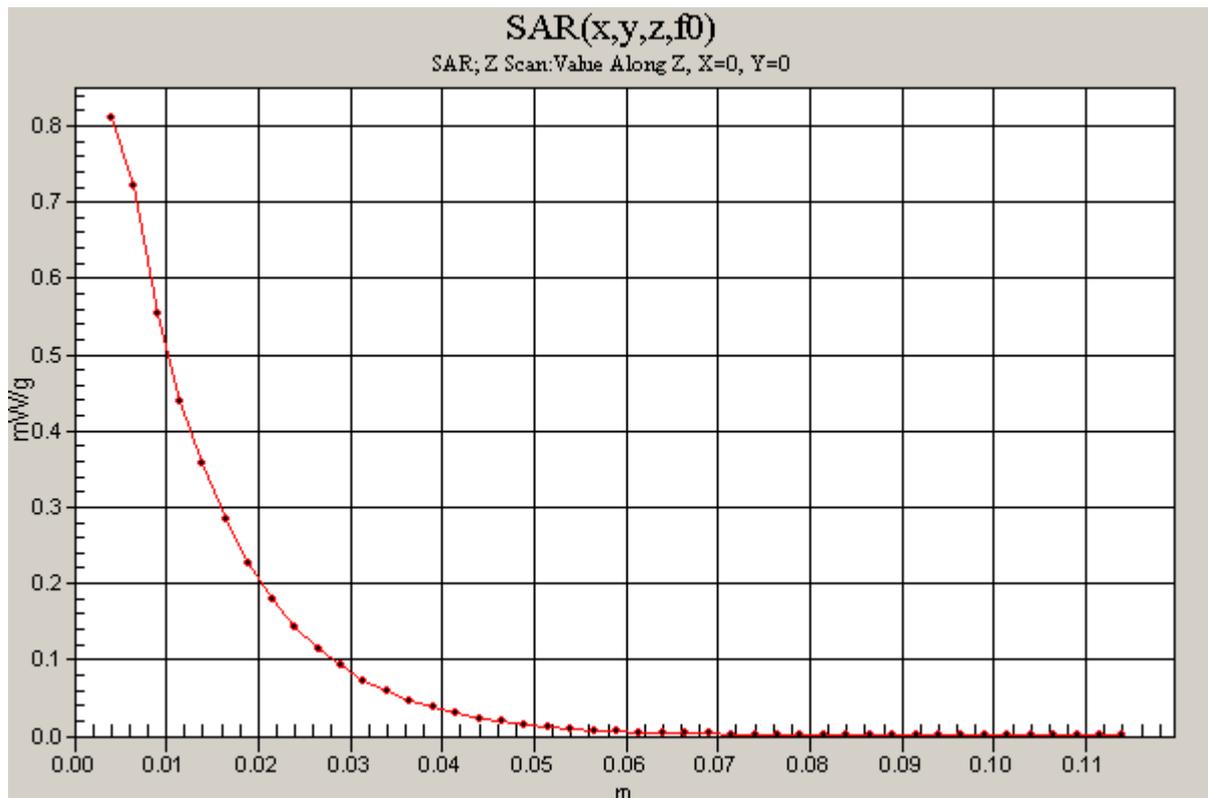
Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.56, 4.56, 4.56); Calibrated: 2010/08/20
- 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/Z Scan (1x1x45):** Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 0.811 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 661ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.56, 4.56, 4.56); Calibrated: 2010/08/20
- 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 (7x9x1):** Measurement grid: dx=15mm, dy=15mm

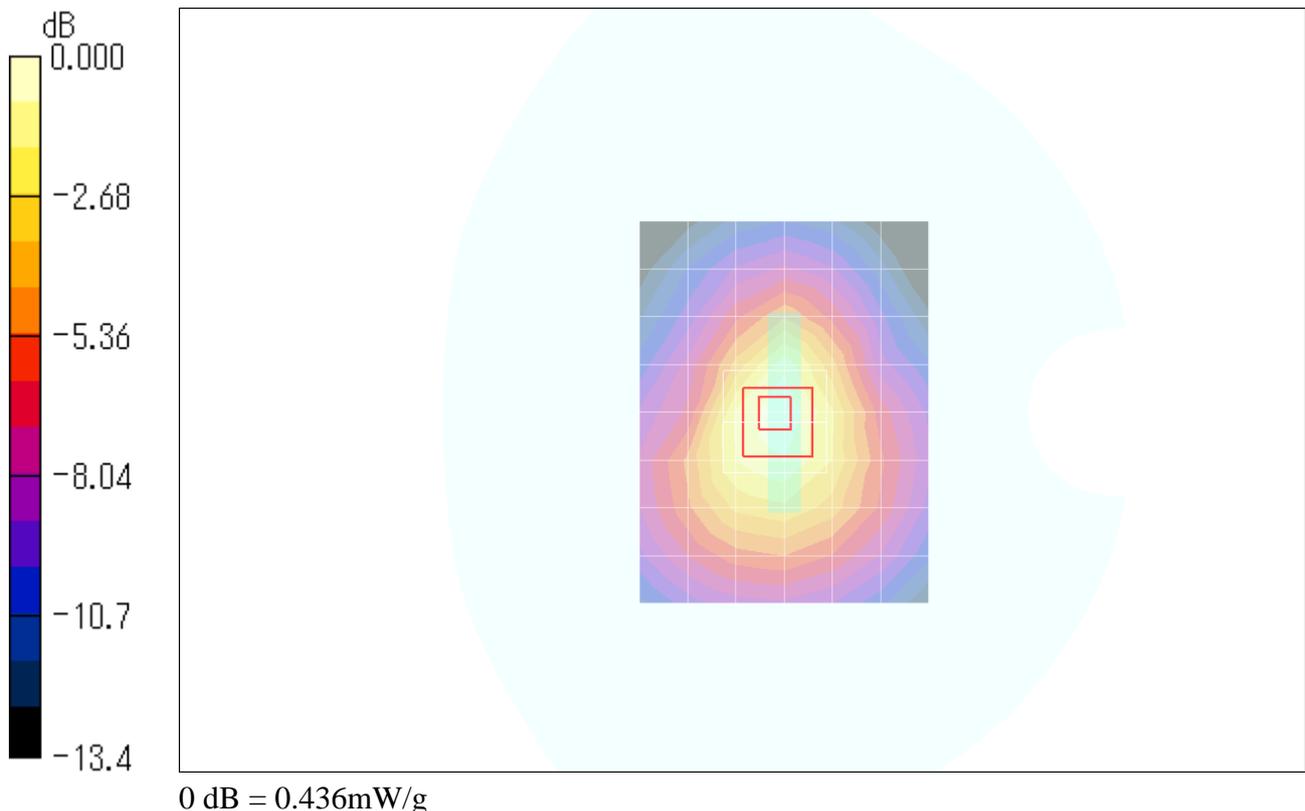Maximum value of SAR (measured) = 0.436 mW/g

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

Reference Value = 18.7 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.615 W/kg

**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.436mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 661ch / PCS 1900 - GPRS 2slot

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M1900 Medium parameters used: $f$ = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.56, 4.56, 4.56); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm

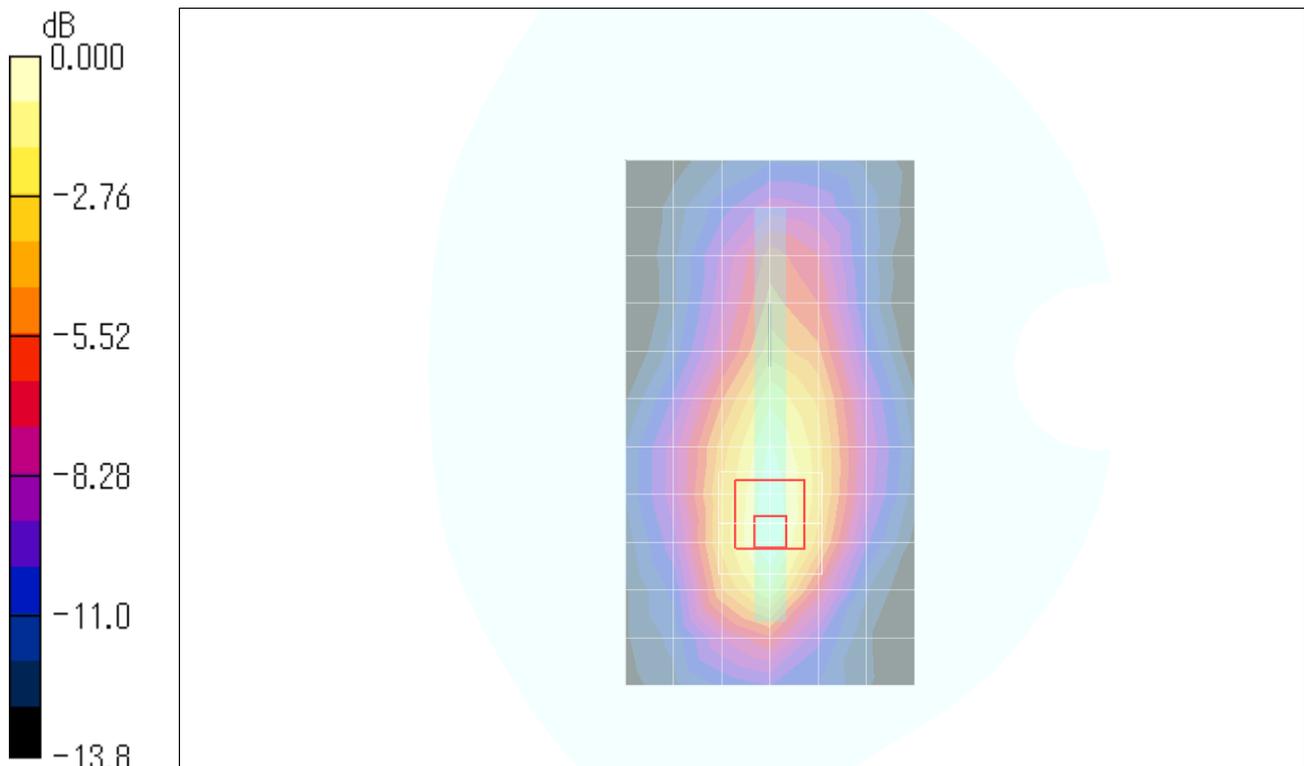Maximum value of SAR (measured) = 0.339 mW/g

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

Reference Value = 16.6 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.472 W/kg

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.186 mW/g**

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



0 dB = 0.338mW/g

Attachment 2-2 – SAR Test Plots (WLAN)

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

# Left Head 1ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.79 mho/m; $\varepsilon_r$ = 39.4; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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
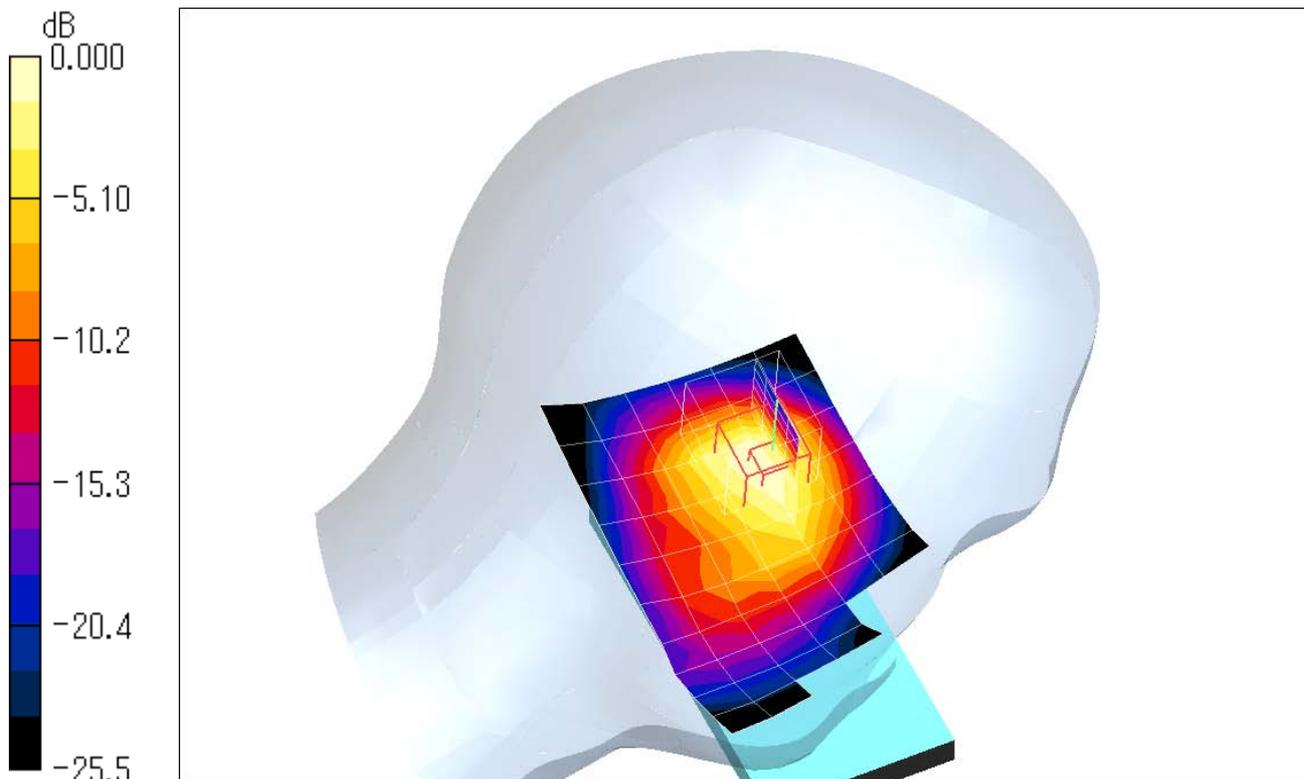Maximum value of SAR (measured) = 0.772 mW/g

**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.71 W/kg
**SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.351 mW/g**
Maximum value of SAR (measured) = 0.787 mW/g



0 dB = 0.787mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head 6ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.82 mho/m; $\varepsilon_r$ = 39.3; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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
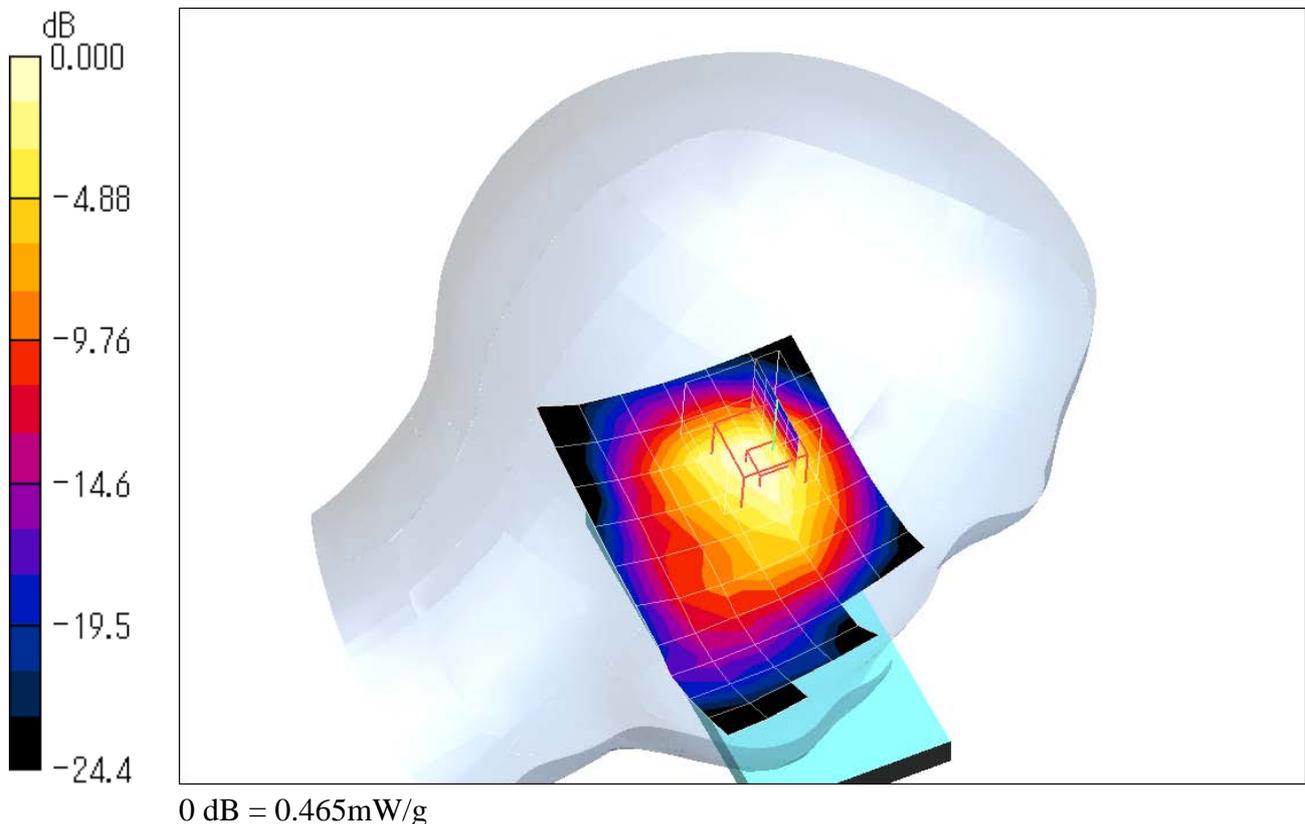Maximum value of SAR (measured) = 0.447 mW/g

**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.0 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 1.05 W/kg
**SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.215 mW/g**
Maximum value of SAR (measured) = 0.465 mW/g



0 dB = 0.465mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head 11ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL2450 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.85 mho/m; $\varepsilon_r$ = 39.2; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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

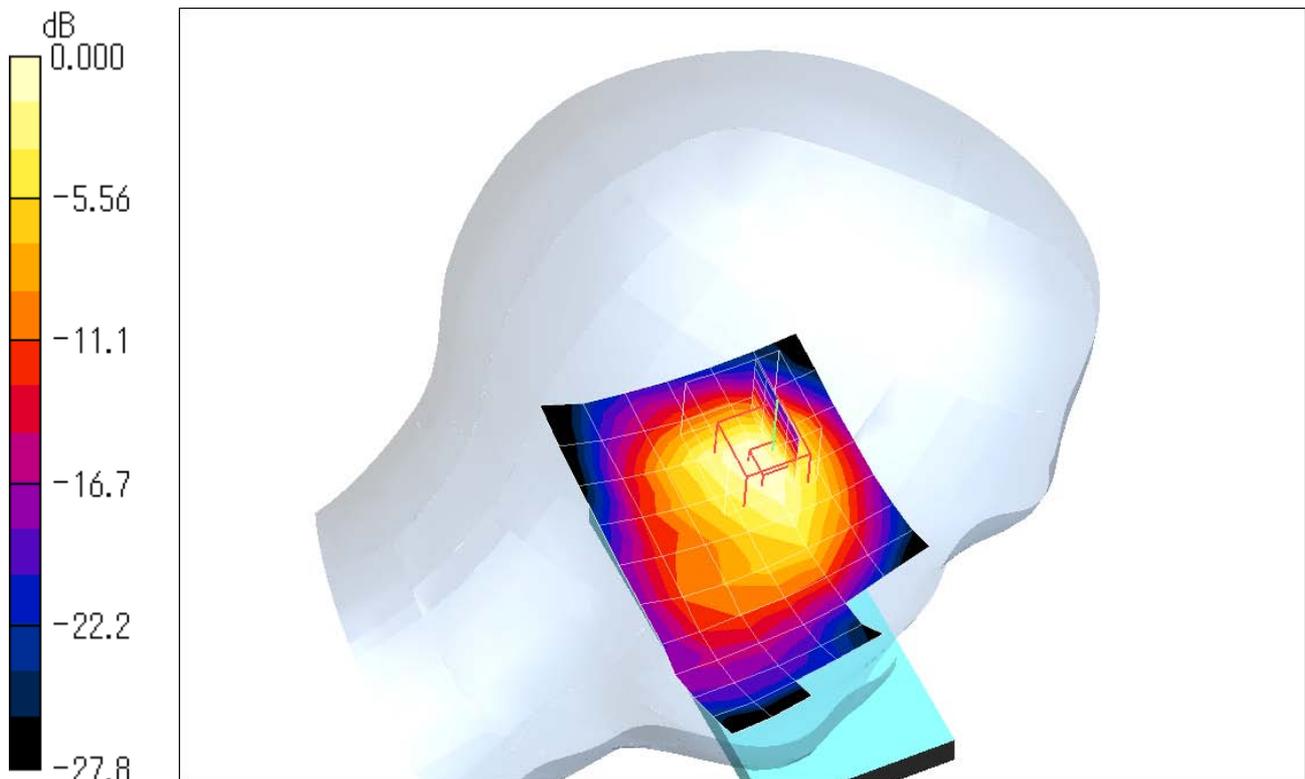Maximum value of SAR (measured) = 0.578 mW/g

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

Reference Value = 12.0 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.266 mW/g**

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



0 dB = 0.597mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head 6ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.82 mho/m; $\varepsilon_r$ = 39.3; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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
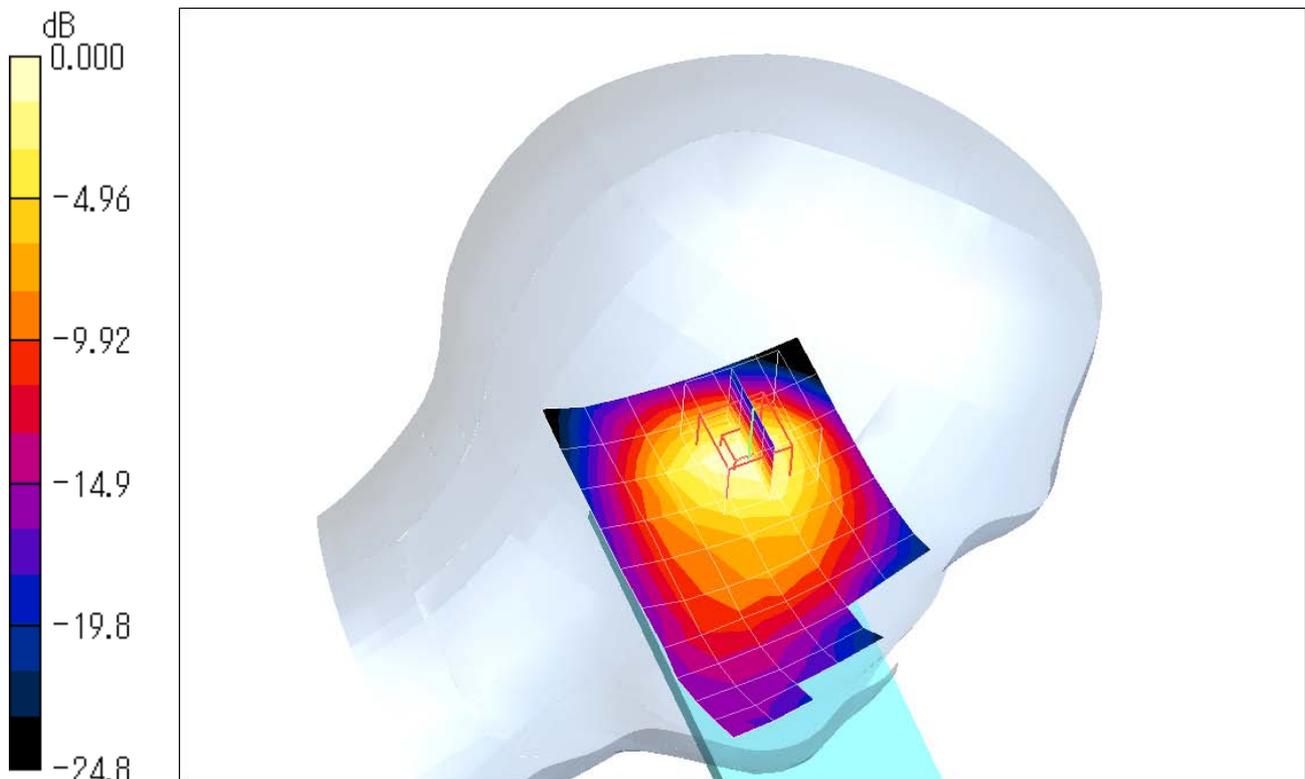Maximum value of SAR (measured) = 0.249 mW/g

**Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.616 W/kg
**SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.119 mW/g**
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head 1ch / 802.11b 2Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.79 mho/m; $\varepsilon_r$ = 39.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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

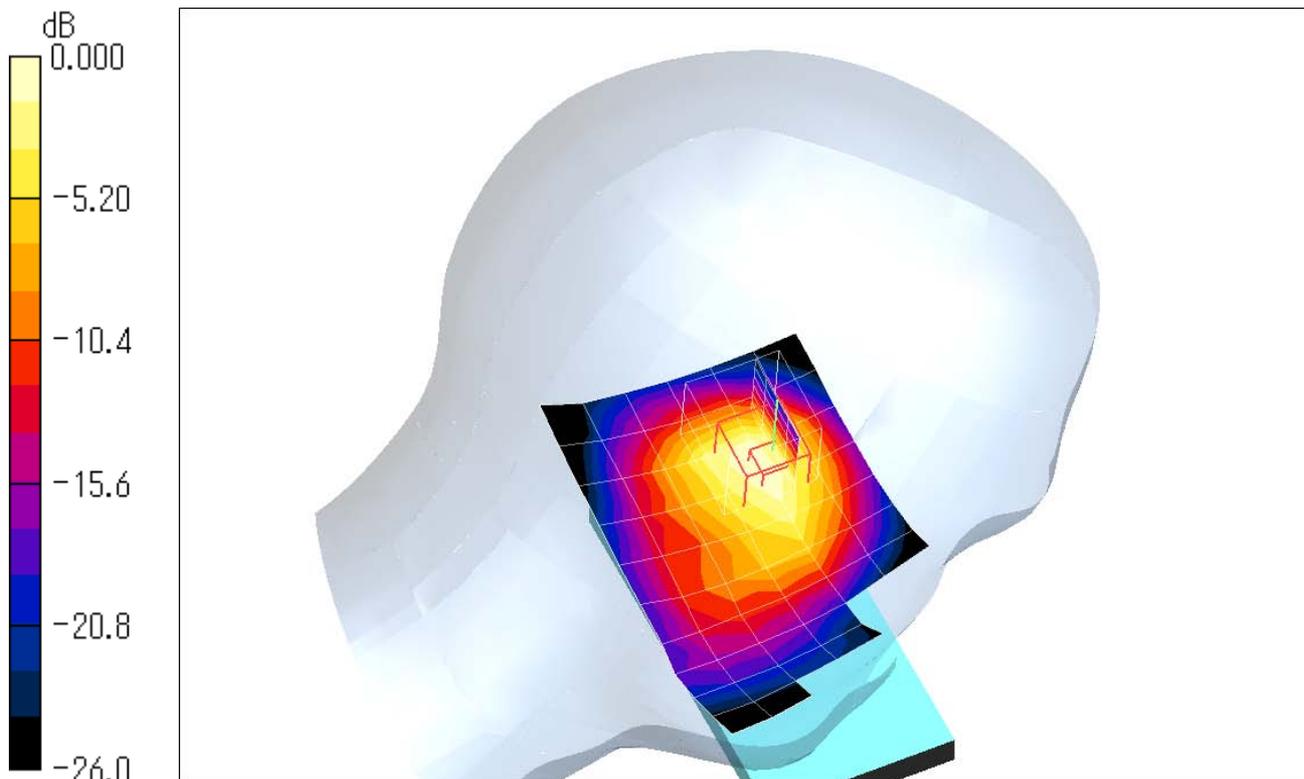Maximum value of SAR (measured) = 0.769 mW/g

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

Reference Value = 14.0 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.359 mW/g**

Maximum value of SAR (measured) = 0.811 mW/g



0 dB = 0.811mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Left Head 1ch / 802.11b 2Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.79 mho/m; $\varepsilon_r$ = 39.4; $\rho$ = 1000 kg/m$^3$
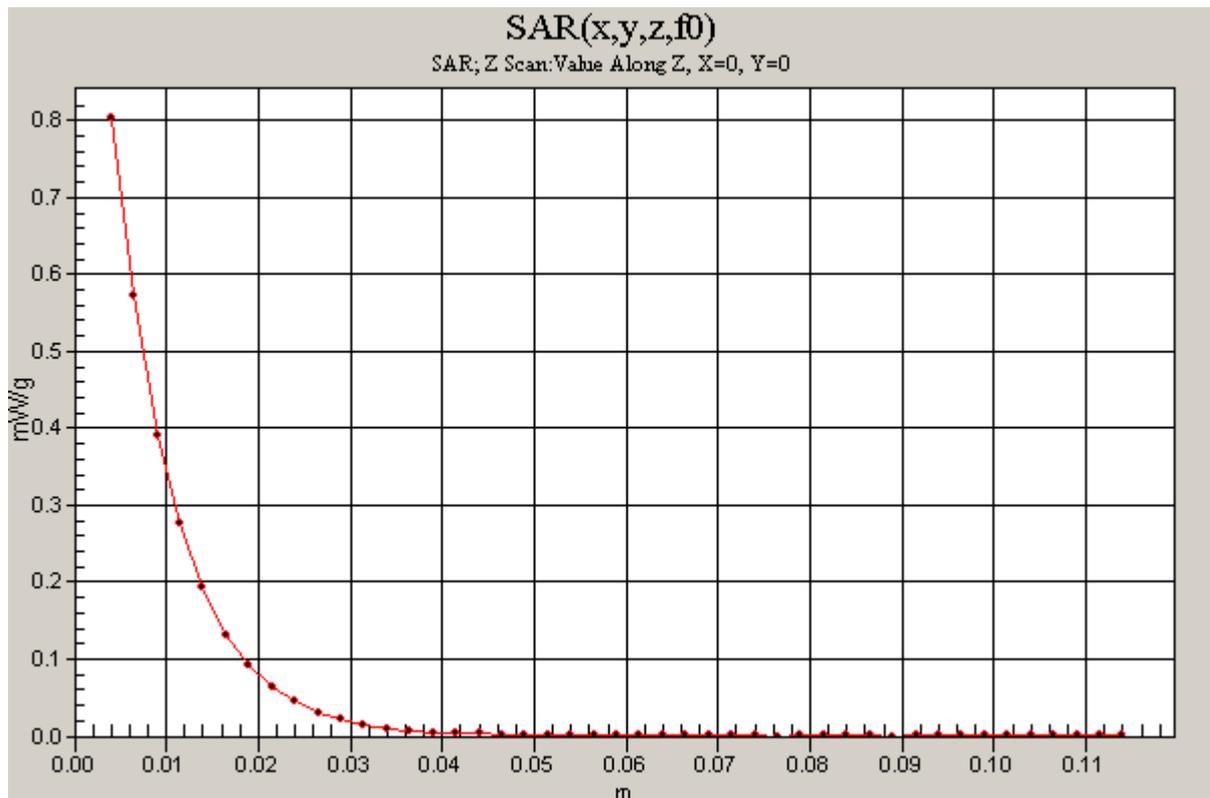
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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) = 0.803 mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head 6ch / 802.11b 1Mbps

**DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5**

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

Medium: HSL2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.82 mho/m; $\varepsilon_r$ = 39.3; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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) = 0.198 mW/g

**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.404 W/kg
**SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.101 mW/g**
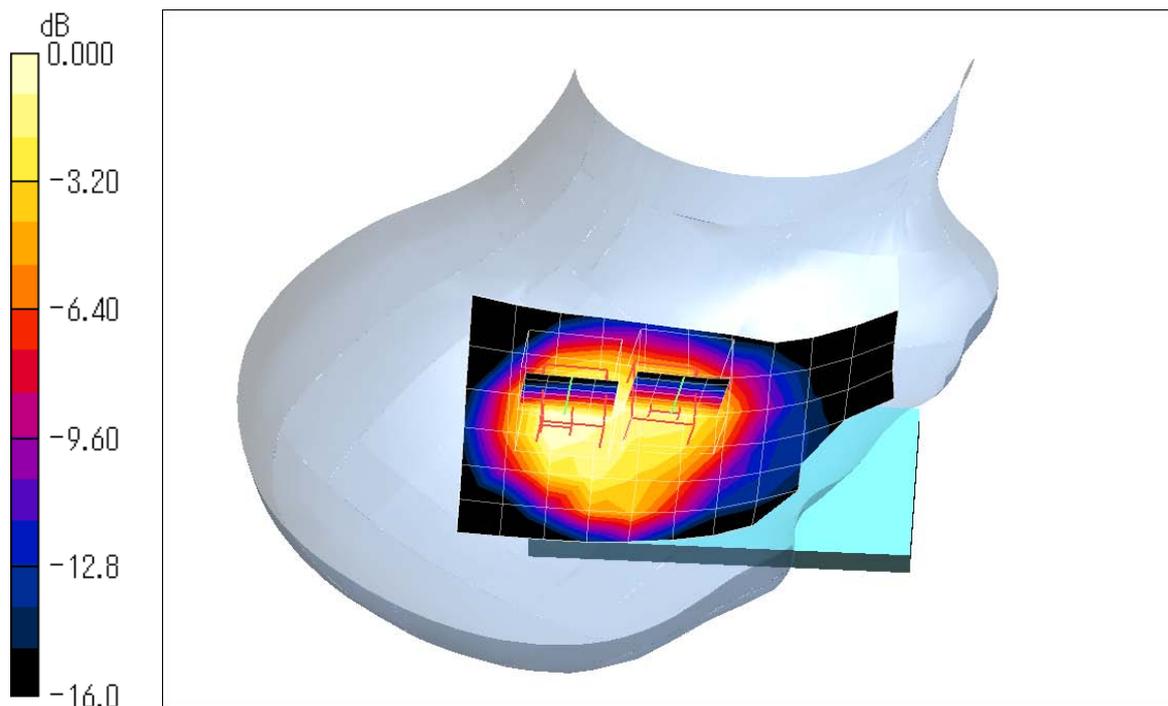Maximum value of SAR (measured) = 0.193 mW/g

**Cheek/Touch Position/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.273 W/kg
**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.078 mW/g**
Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.193mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Right Head 6ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: HSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.82$ mho/m; $\varepsilon_r = 39.3$; $\rho = 1000$ kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.26, 4.26, 4.26); Calibrated: 2010/08/20
- 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
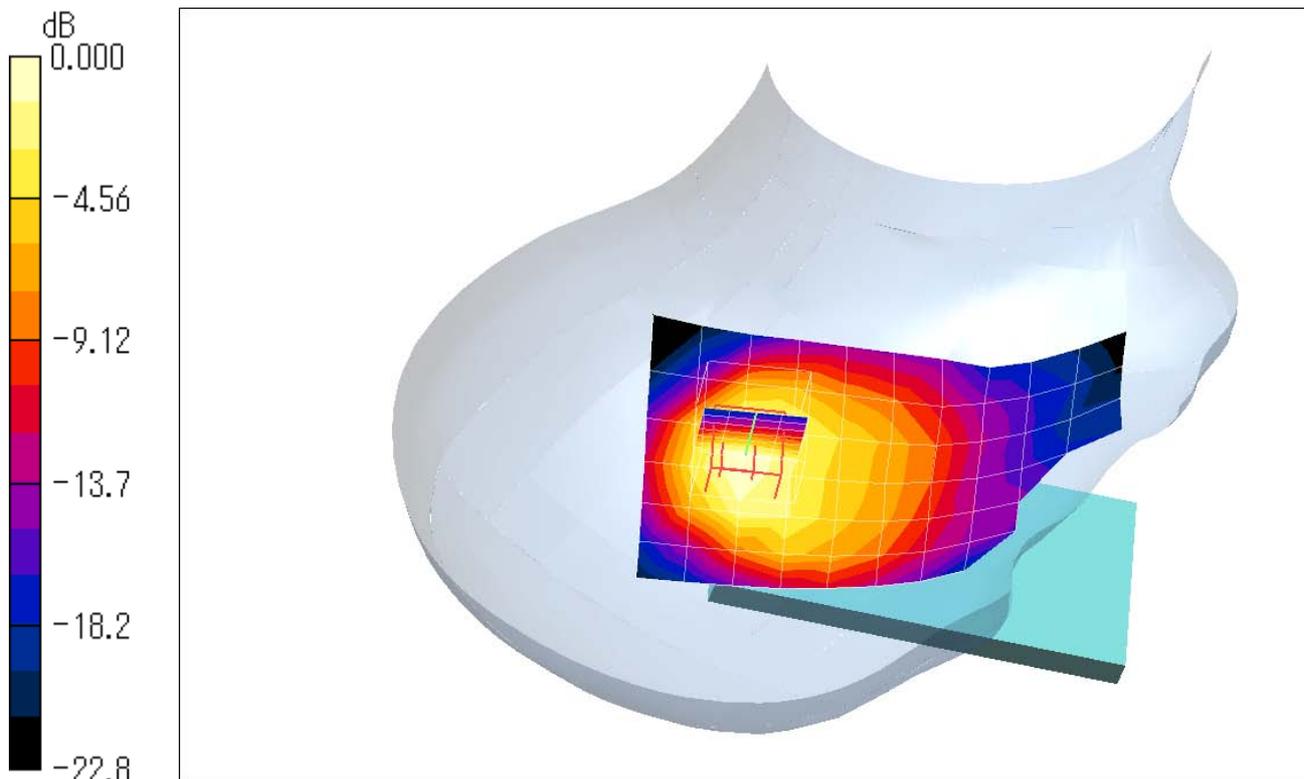Maximum value of SAR (measured) = 0.163 mW/g

**Ear/Tilt Position/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.76 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.319 W/kg
**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.077 mW/g**
Maximum value of SAR (measured) = 0.157 mW/g



0 dB = 0.157mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 6ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: M2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.95 mho/m; $\varepsilon_r$ = 51.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.049 mW/g

**Rear Side/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.93 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.103 W/kg
**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g**
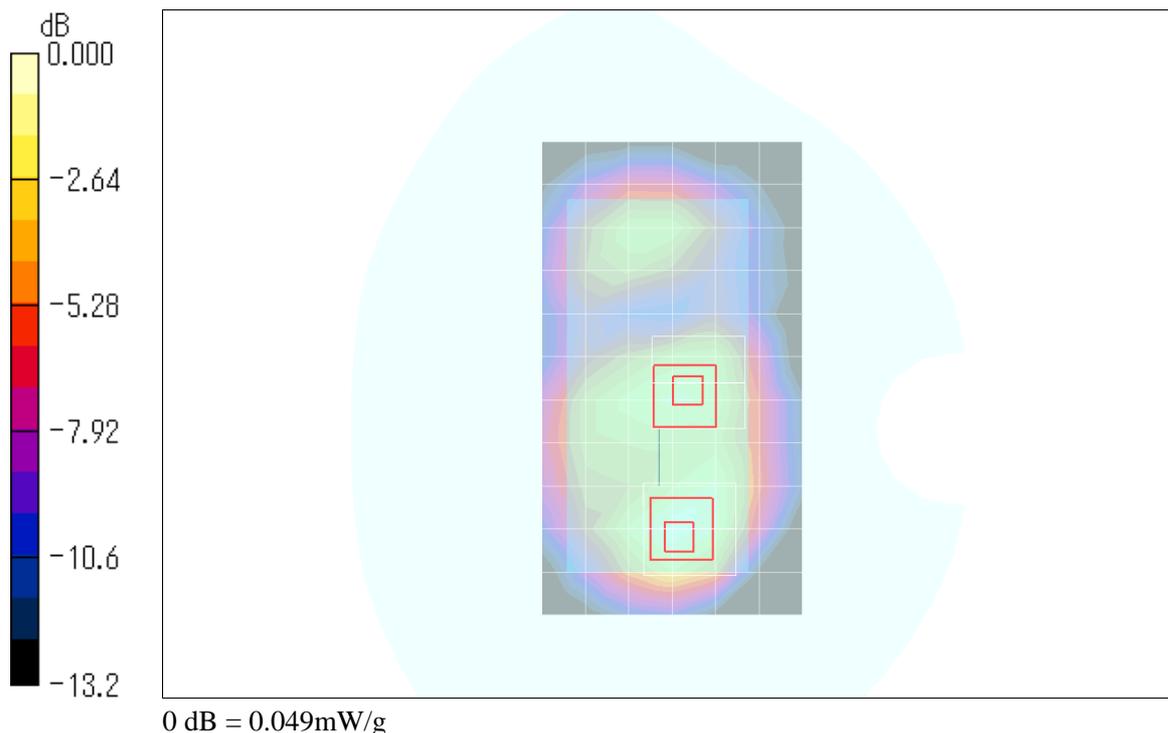Maximum value of SAR (measured) = 0.048 mW/g

**Rear Side/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.93 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.066 W/kg
**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.020 mW/g**
Maximum value of SAR (measured) = 0.036 mW/g



0 dB = 0.049mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 6ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.95 mho/m; $\varepsilon_r$ = 51.8; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm
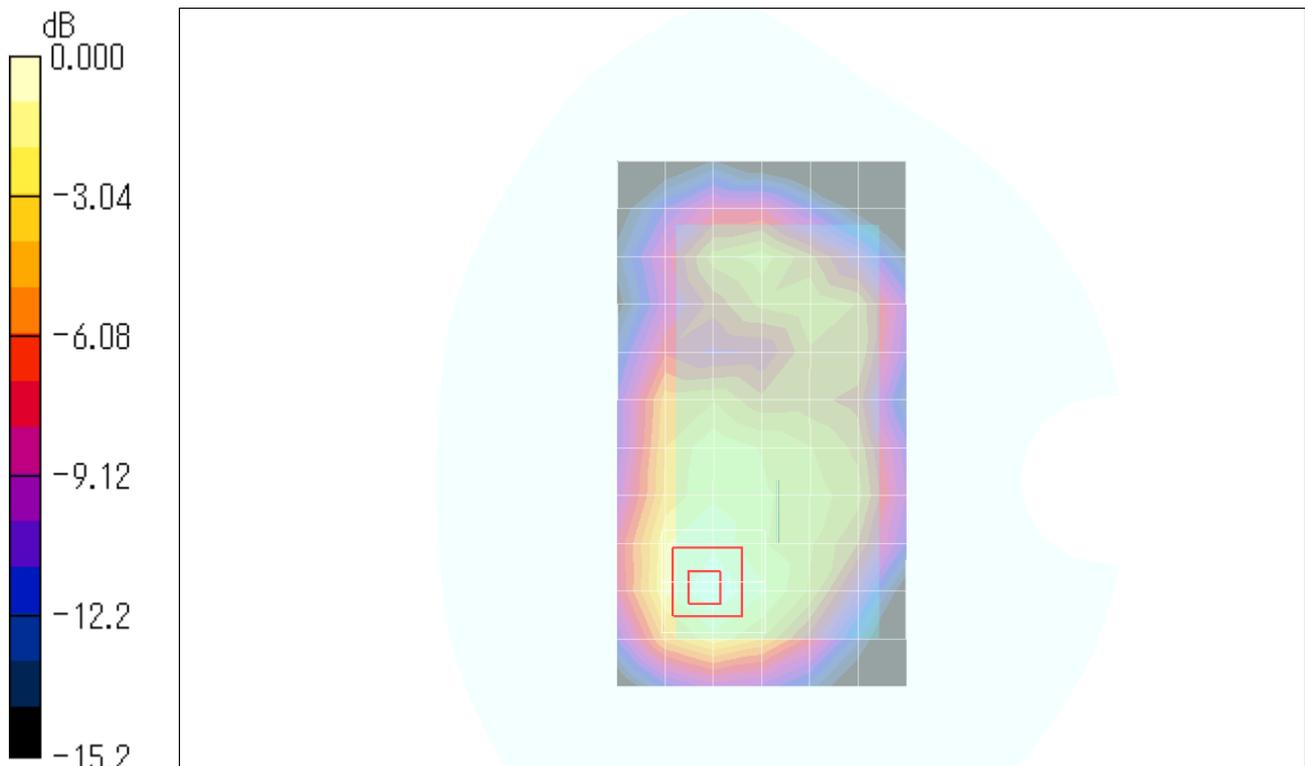Maximum value of SAR (measured) = 0.070 mW/g

**Front Side/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.51 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.154 W/kg
**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.036 mW/g**
Maximum value of SAR (measured) = 0.070 mW/g



0 dB = 0.070mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 6ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\varepsilon_r = 51.8$; $\rho = 1000$ kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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 (7x9x1):** Measurement grid: dx=15mm, dy=15mm
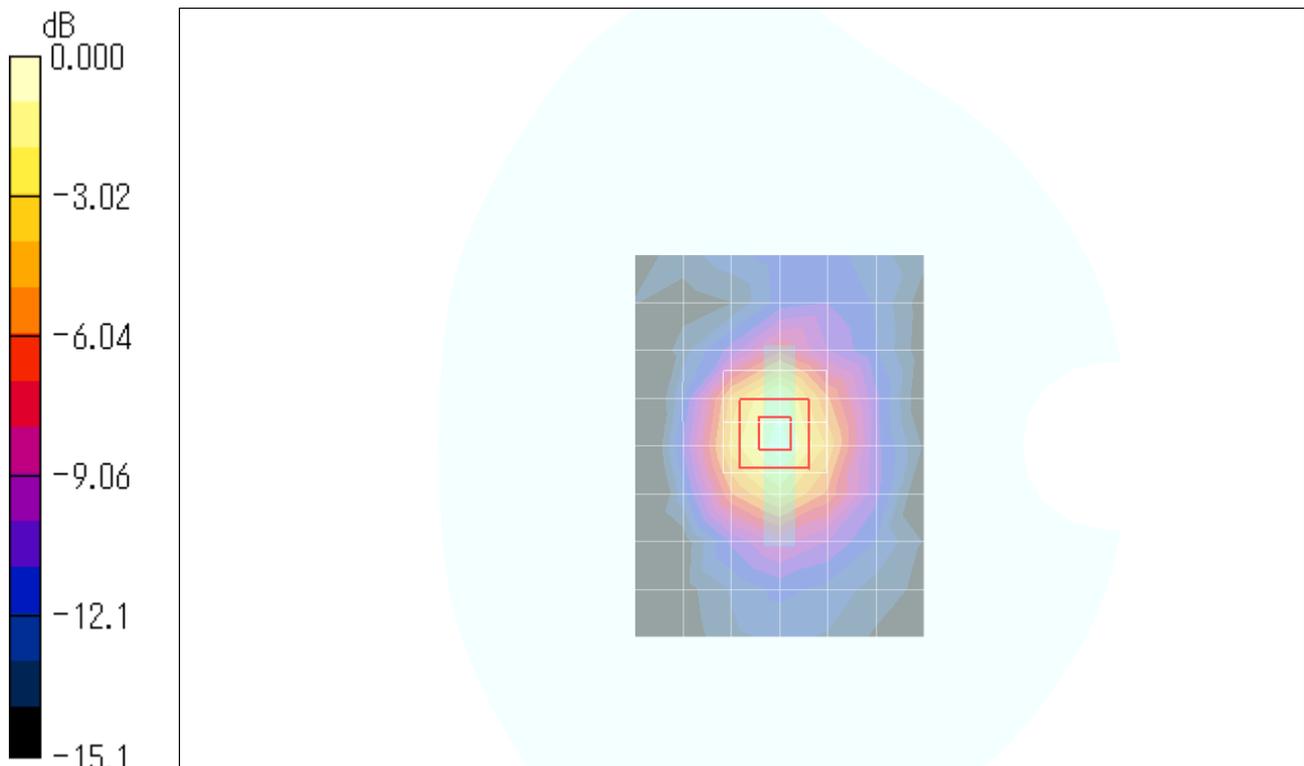Maximum value of SAR (measured) = 0.051 mW/g

**Top Edge/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.40 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.109 W/kg
**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.025 mW/g**
Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 1ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

Communication System: WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: M2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.91 mho/m; $\varepsilon_r$ = 51.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.125 mW/g

**Right Edge/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.75 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.238 W/kg
**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.059 mW/g**
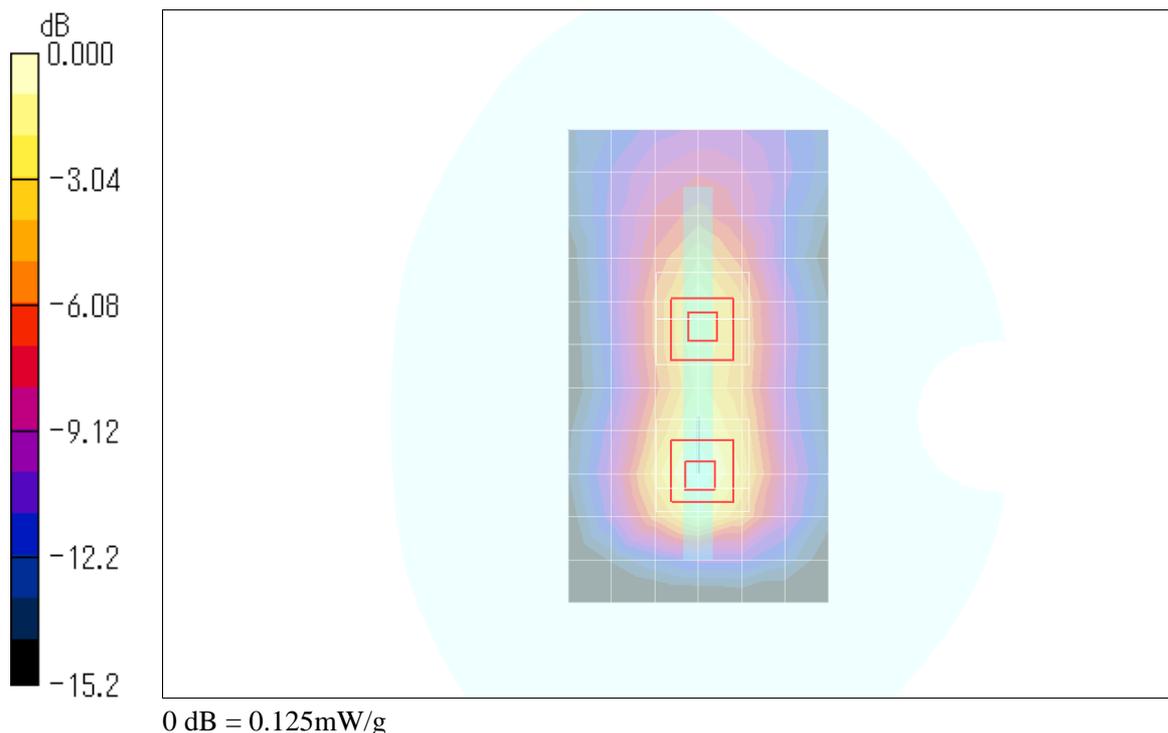Maximum value of SAR (measured) = 0.121 mW/g

**Right Edge/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.75 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.148 W/kg
**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.040 mW/g**
Maximum value of SAR (measured) = 0.079 mW/g



dB
0.000
-3.04
-6.08
-9.12
-12.2
-15.2

0 dB = 0.125mW/g

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Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 1ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.91 mho/m; $\varepsilon_r$ = 51.9; $\rho$ = 1000 kg/m$^3$
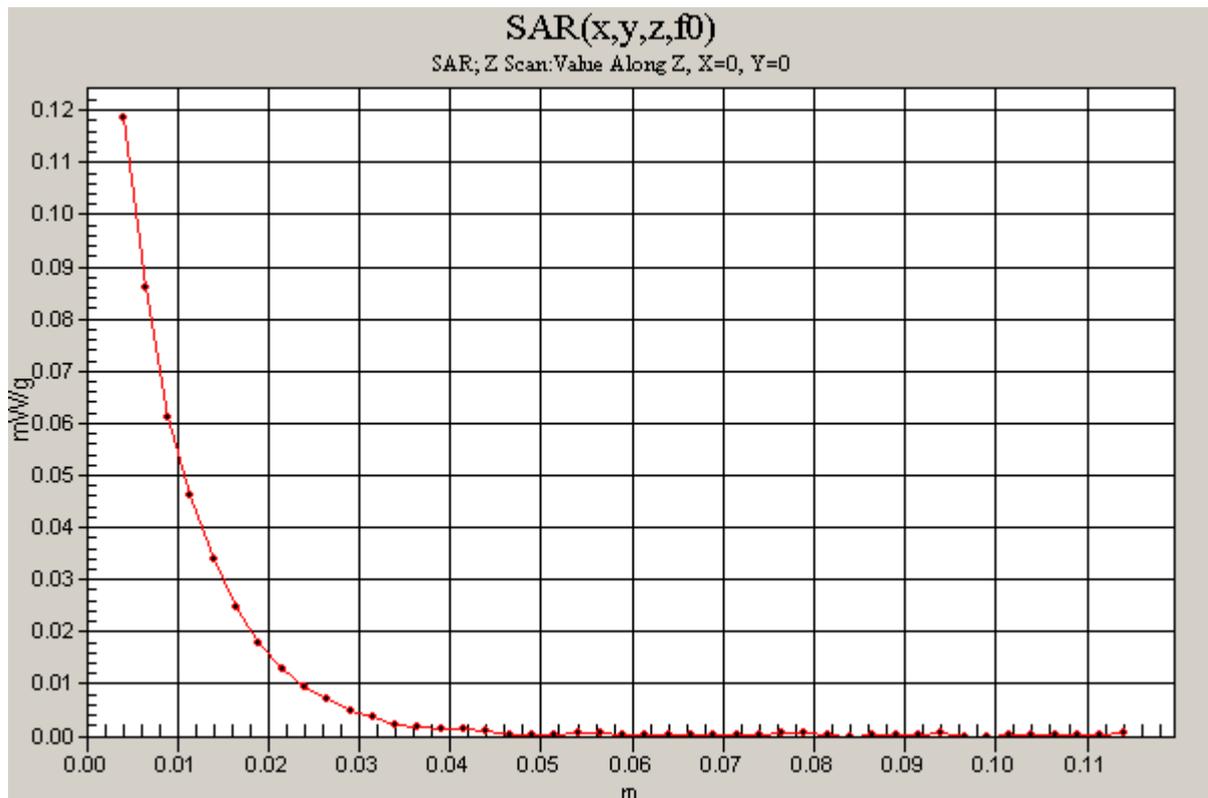
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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/Z Scan (1x1x45):** Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.119 mW/g



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

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## Body 6ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: M2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.95 mho/m; $\varepsilon_r$ = 51.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.080 mW/g

**Right Edge/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.28 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.153 W/kg
**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.037 mW/g**
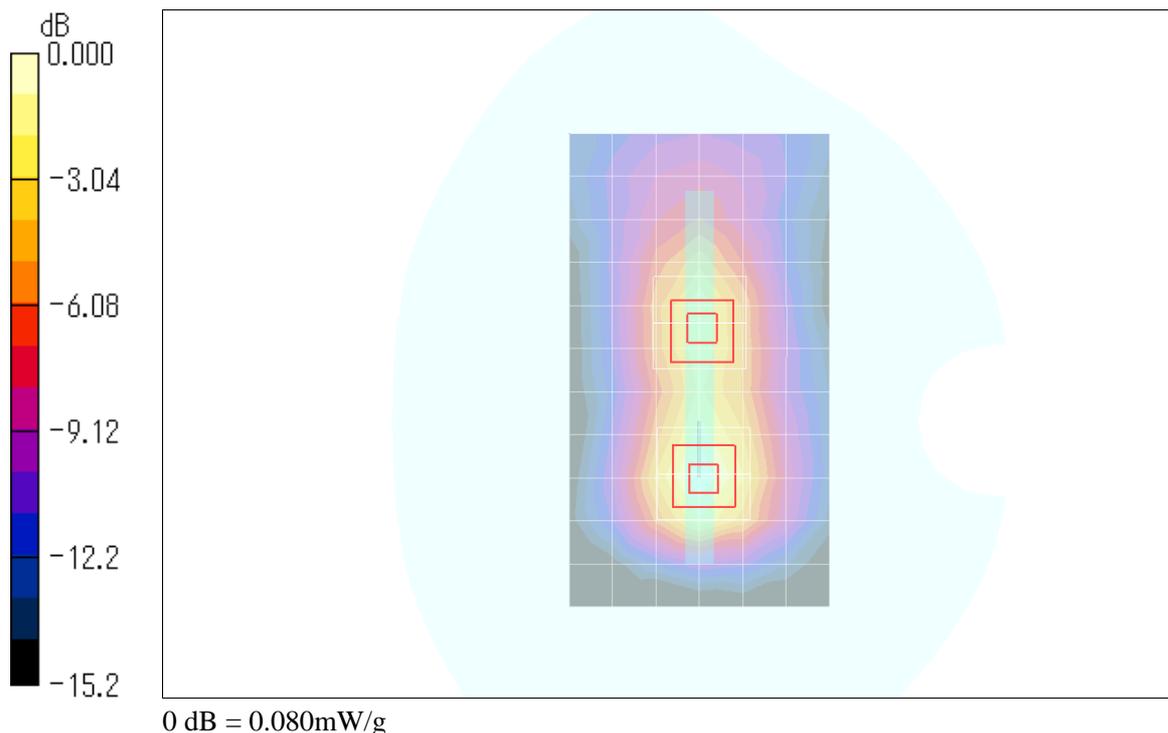Maximum value of SAR (measured) = 0.079 mW/g

**Right Edge/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.28 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.092 W/kg
**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.025 mW/g**
Maximum value of SAR (measured) = 0.050 mW/g



0 dB = 0.080mW/g

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## Body 11ch / 802.11b 1Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: M2450 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.98 mho/m; $\varepsilon_r$ = 51.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.099 mW/g

**Right Edge/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.89 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.195 W/kg
**SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.047 mW/g**
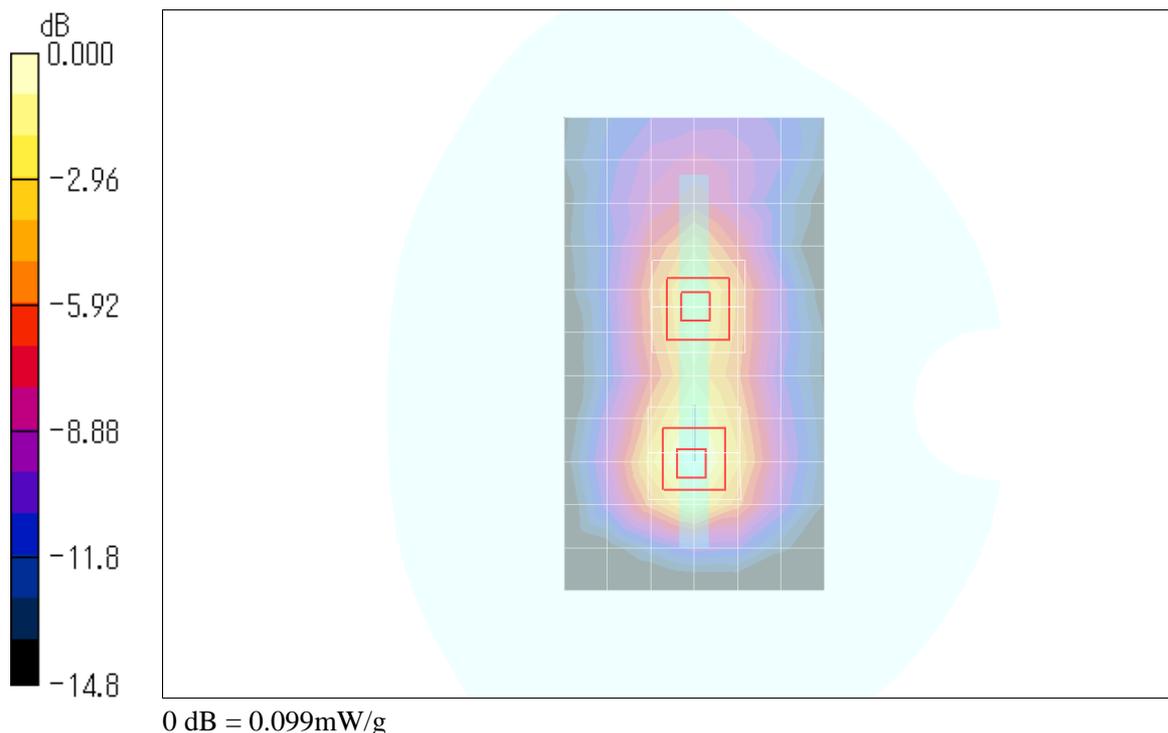Maximum value of SAR (measured) = 0.097 mW/g

**Right Edge/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.89 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.121 W/kg
**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.032 mW/g**
Maximum value of SAR (measured) = 0.064 mW/g



0 dB = 0.099mW/g

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

## Body 1ch / 802.11b 2Mbps

### DUT: Cellular Phone; Type: 006SH; Serial: 004401/11/322127/5

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

Medium: M2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.91 mho/m; $\varepsilon_r$ = 51.9; $\rho$ = 1000 kg/m$^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.1, 4.1, 4.1); Calibrated: 2010/08/20
- 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 (7x12x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.123 mW/g

**Right Edge/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.67 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.236 W/kg
**SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.059 mW/g**
Maximum value of SAR (measured) = 0.121 mW/g

**Right Edge/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.67 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.150 W/kg
**SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.041 mW/g**
Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.123mW/g