

Appendix 1 – System Performance Check Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

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

Frequency: 835 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.001 \text{ S/m}$; $\epsilon_r = 55.061$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(9.87, 9.87, 9.87); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/5/2012
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.94 W/kg

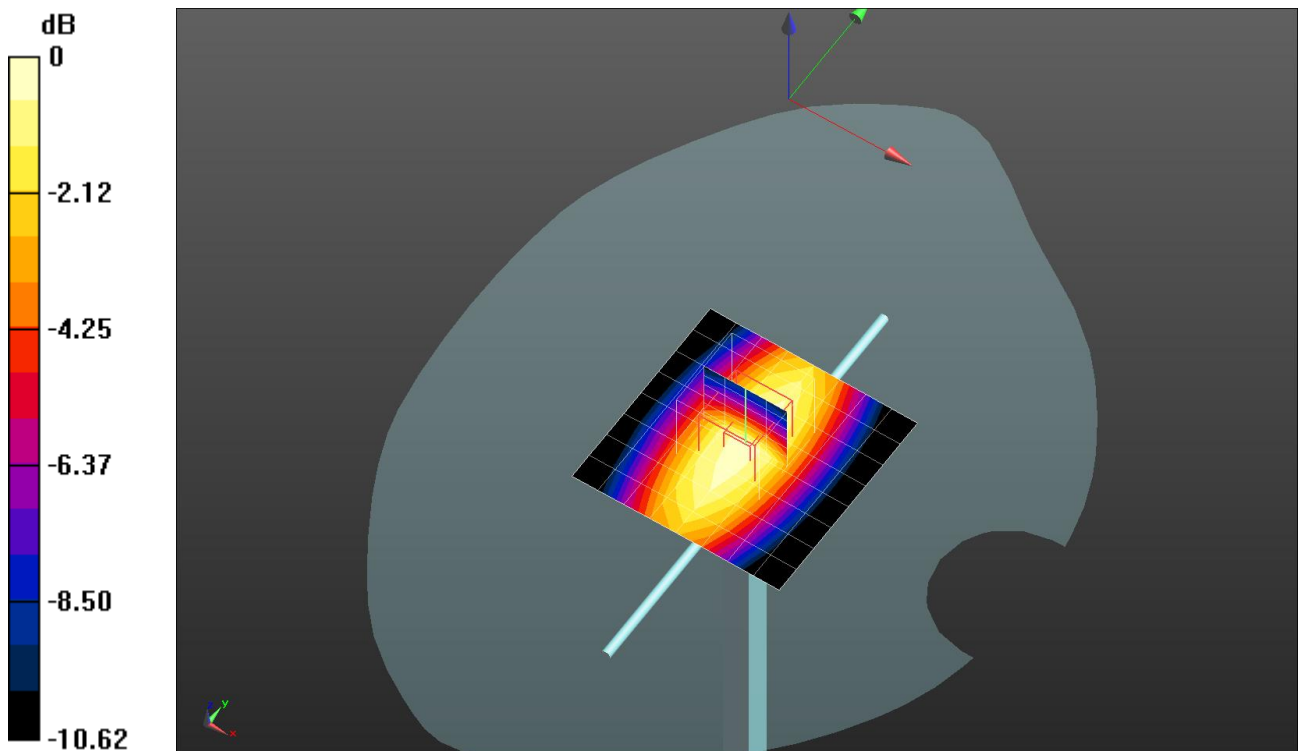
Body/Input 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.182 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.54 W/kg

Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg = 4.71 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

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

Frequency: 835 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 41.432$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(9.88, 9.88, 9.88); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/5/2012
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Input 250 mW/Area Scan (9x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.98 W/kg

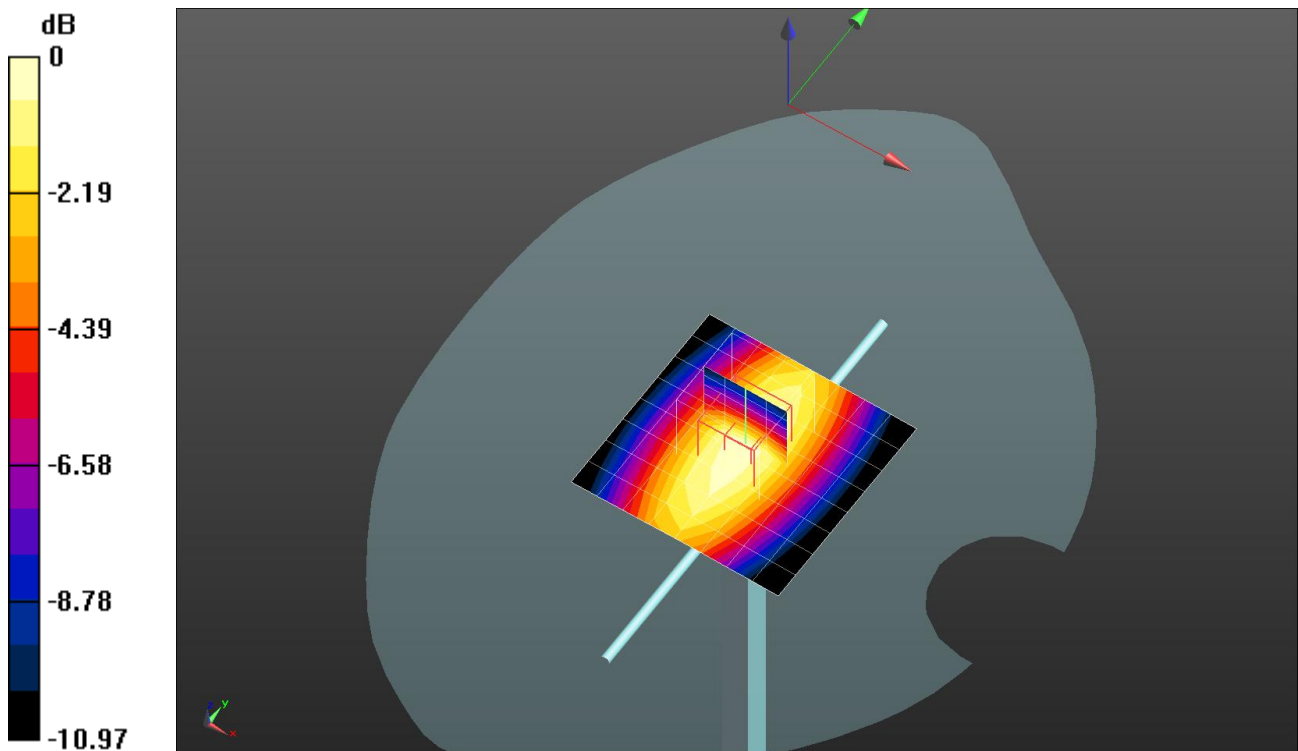
Head/Input 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 58.540 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.05 W/kg = 4.84 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

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

Frequency: 1900 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.852$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(8.37, 8.37, 8.37); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.0 W/kg

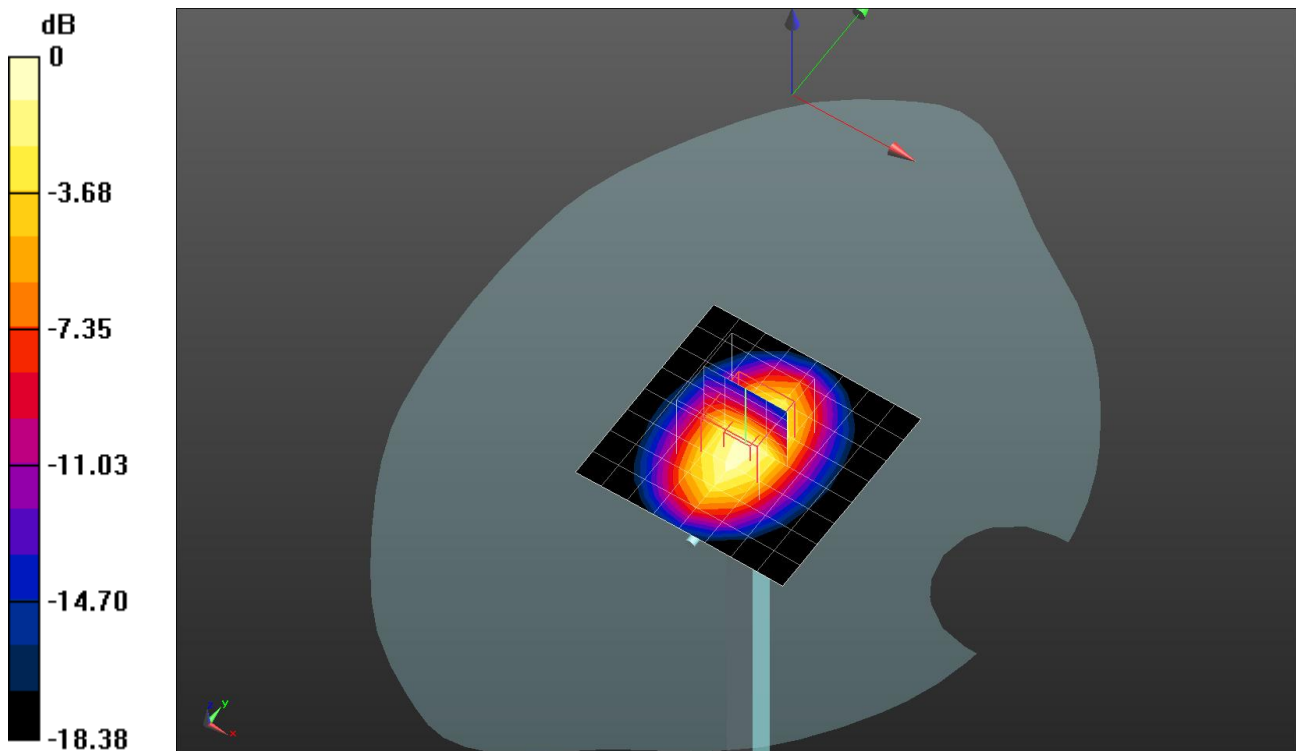
Head/Input 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.8 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.38 W/kg

Maximum value of SAR (measured) = 14.8 W/kg



0 dB = 14.8 W/kg = 11.70 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

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

Frequency: 1900 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 52.593$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(8.02, 8.02, 8.02); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.2 W/kg

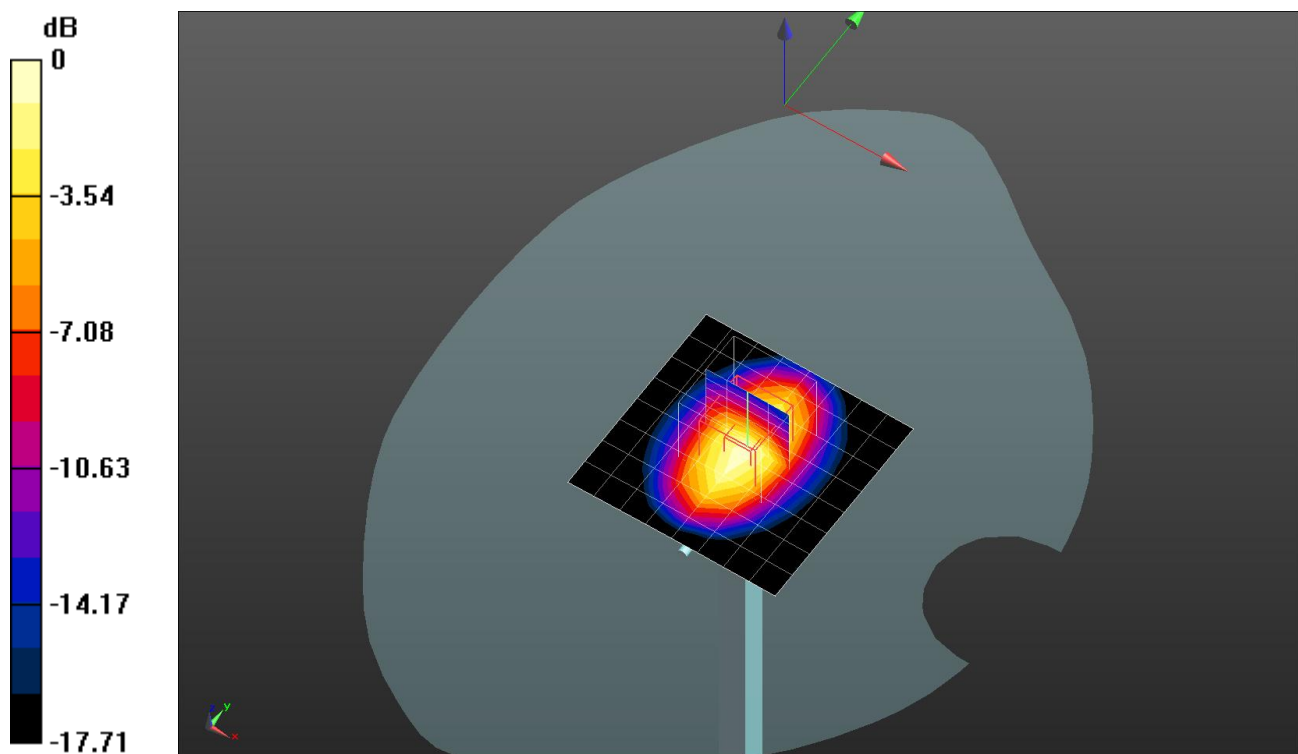
Body/Input 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.6 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 10.9 W/kg; SAR(10 g) = 5.72 W/kg

Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.93 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1039

Frequency: 5200 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.436$ S/m; $\epsilon_r = 47.391$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(4.11, 4.11, 4.11); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 38.0 W/kg

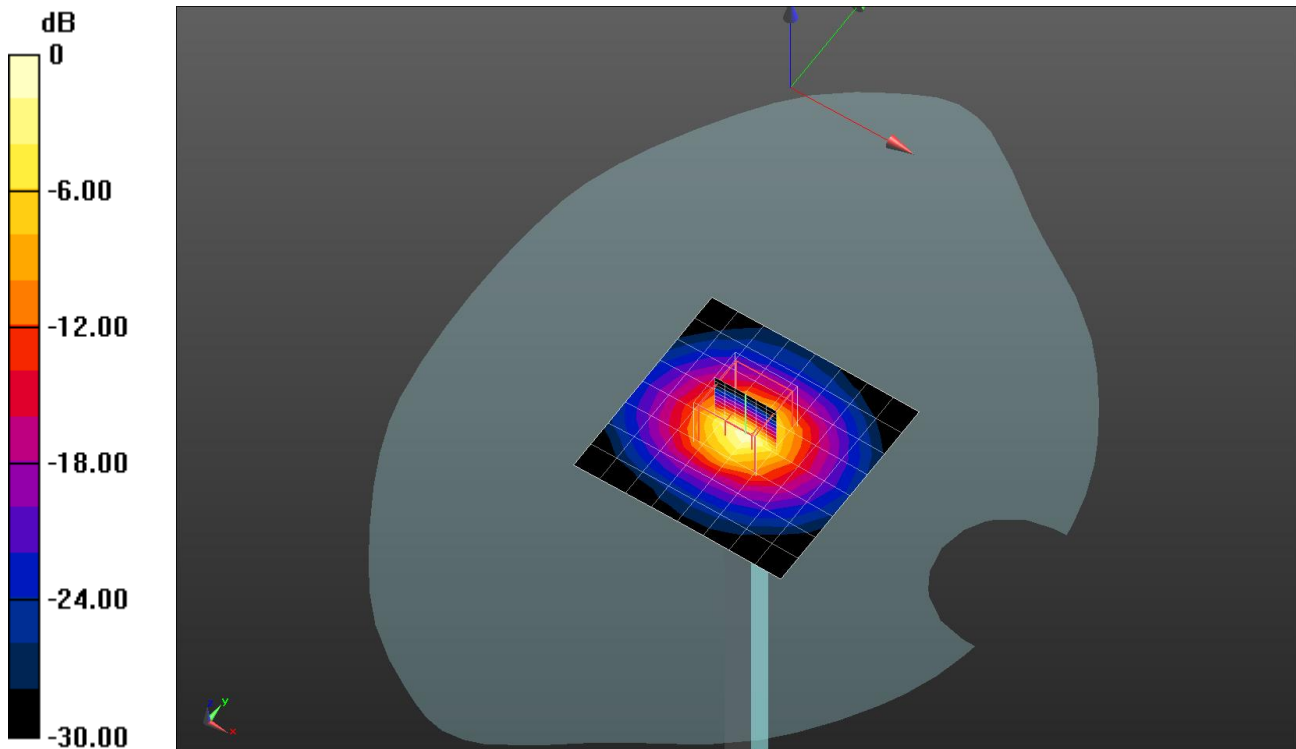
Body/Input 250 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 90.889 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 77.2 W/kg

SAR(1 g) = 19.5 W/kg; SAR(10 g) = 5.46 W/kg

Maximum value of SAR (measured) = 40.5 W/kg



0 dB = 40.5 W/kg = 16.07 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1039

Frequency: 5300 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.557$ S/m; $\epsilon_r = 47.23$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(3.94, 3.94, 3.94); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 39.0 W/kg

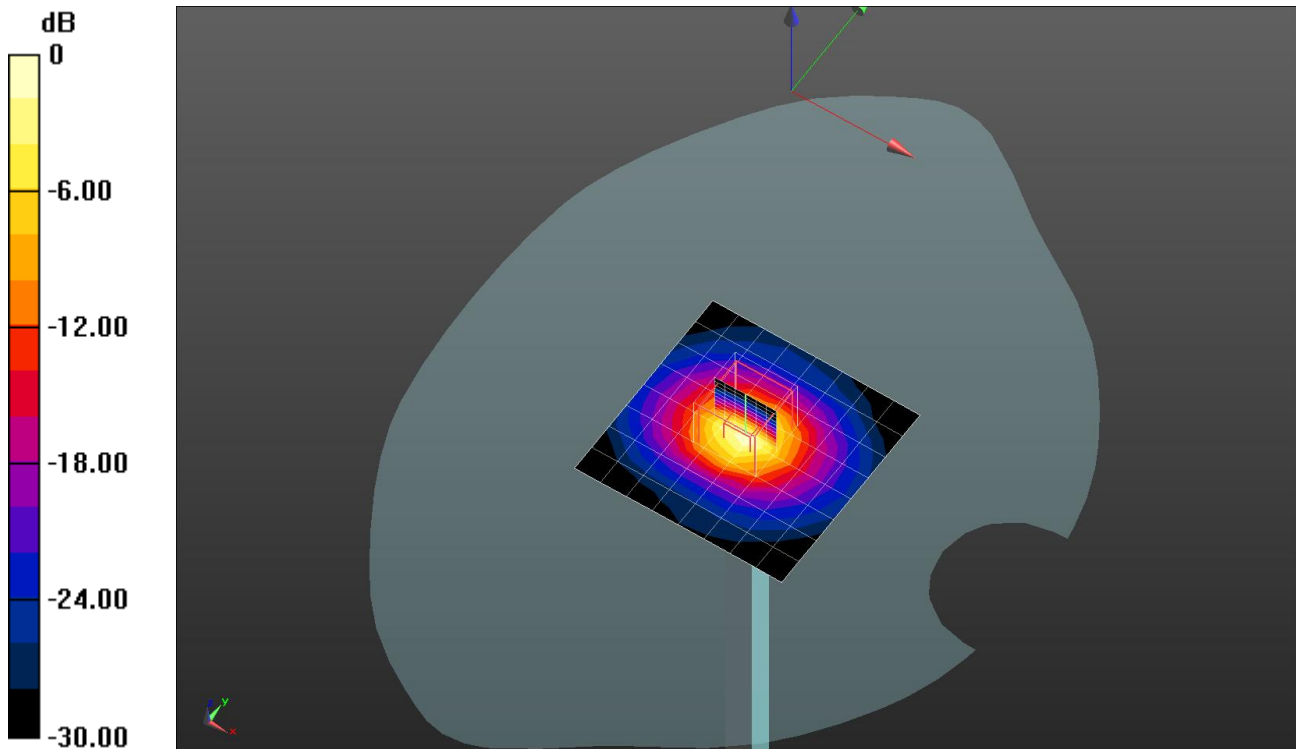
Body/Input 250 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 91.171 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 82.5 W/kg

SAR(1 g) = 20.3 W/kg; SAR(10 g) = 5.61 W/kg

Maximum value of SAR (measured) = 42.3 W/kg



0 dB = 42.3 W/kg = 16.26 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1039

Frequency: 5600 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.938$ S/m; $\epsilon_r = 46.718$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(3.74, 3.74, 3.74); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 42.5 W/kg

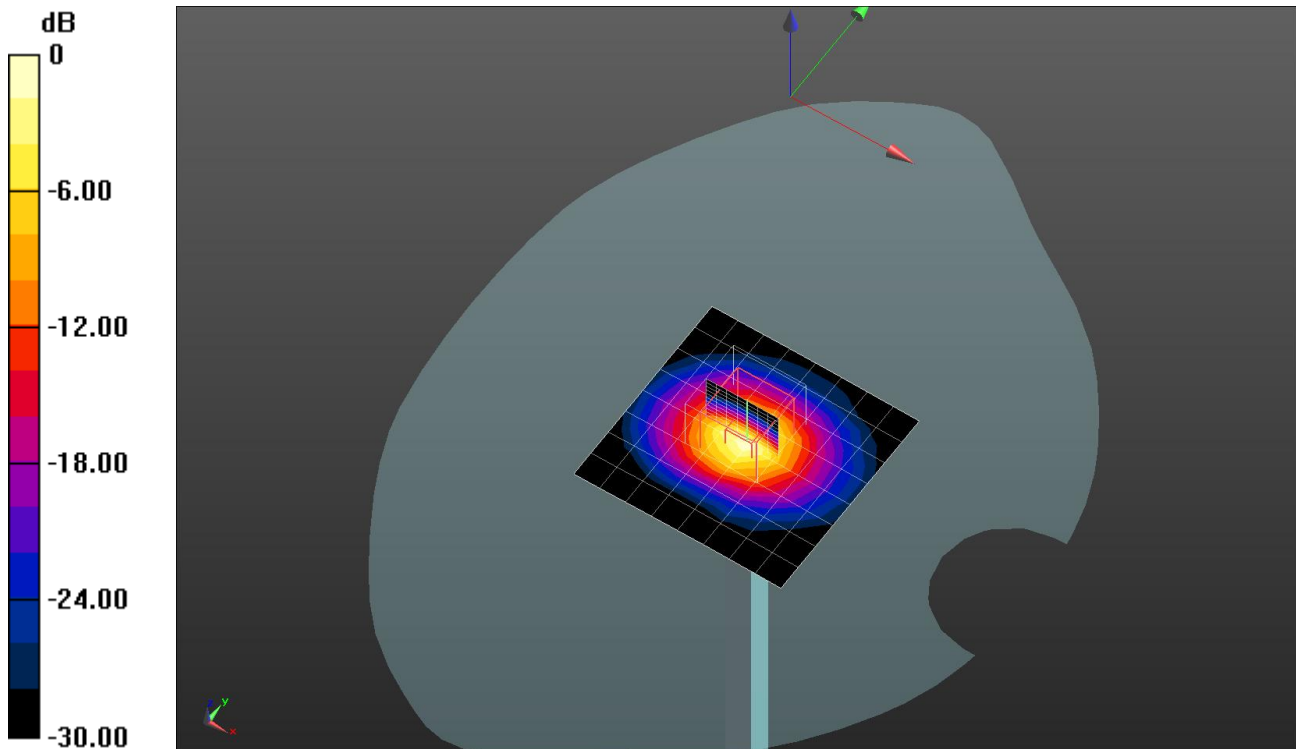
Body/Input 250 mW/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 91.074 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 97.5 W/kg

SAR(1 g) = 21.4 W/kg; SAR(10 g) = 5.91 W/kg

Maximum value of SAR (measured) = 46.4 W/kg



0 dB = 46.4 W/kg = 16.67 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1039

Frequency: 5200 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.587$ S/m; $\epsilon_r = 35.347$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(4.8, 4.8, 4.8); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 39.1 W/kg

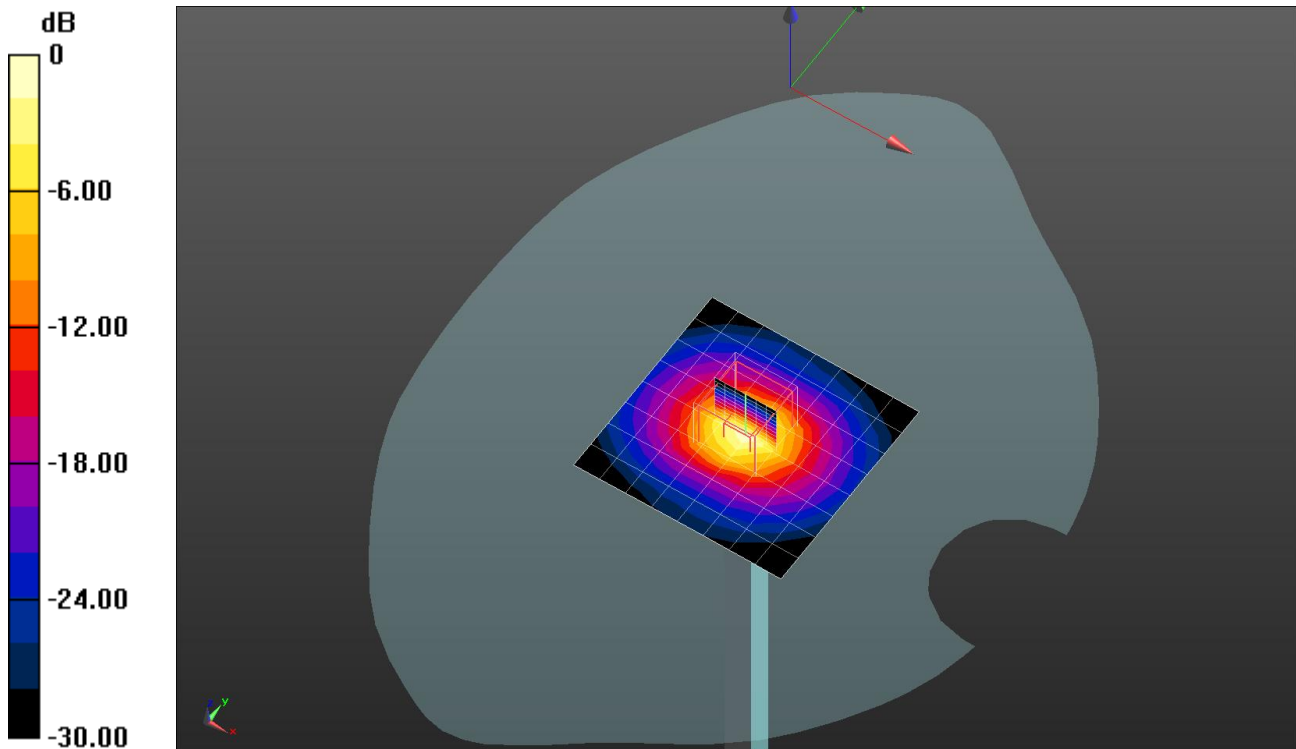
Head/Input 250 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 98.328 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 84.3 W/kg

SAR(1 g) = 20.1 W/kg; SAR(10 g) = 5.71 W/kg

Maximum value of SAR (measured) = 42.3 W/kg



0 dB = 42.3 W/kg = 16.26 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1039

Frequency: 5300 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.68$ S/m; $\epsilon_r = 35.191$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(4.51, 4.51, 4.51); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 41.7 W/kg

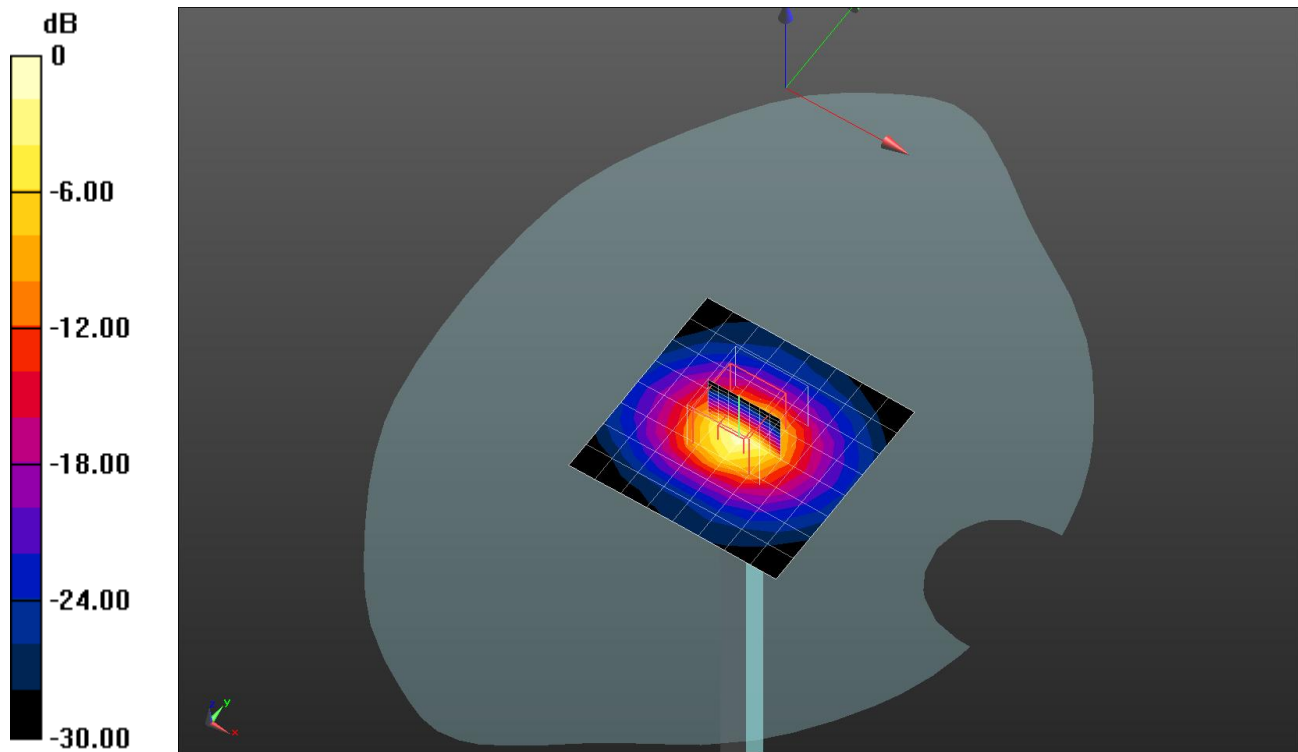
Head/Input 250 mW/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 99.430 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 83.8 W/kg

SAR(1 g) = 20.3 W/kg; SAR(10 g) = 5.71 W/kg

Maximum value of SAR (measured) = 42.2 W/kg



0 dB = 42.2 W/kg = 16.25 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1039

Frequency: 5600 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.969$ S/m; $\epsilon_r = 34.722$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(4.25, 4.25, 4.25); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 40.7 W/kg

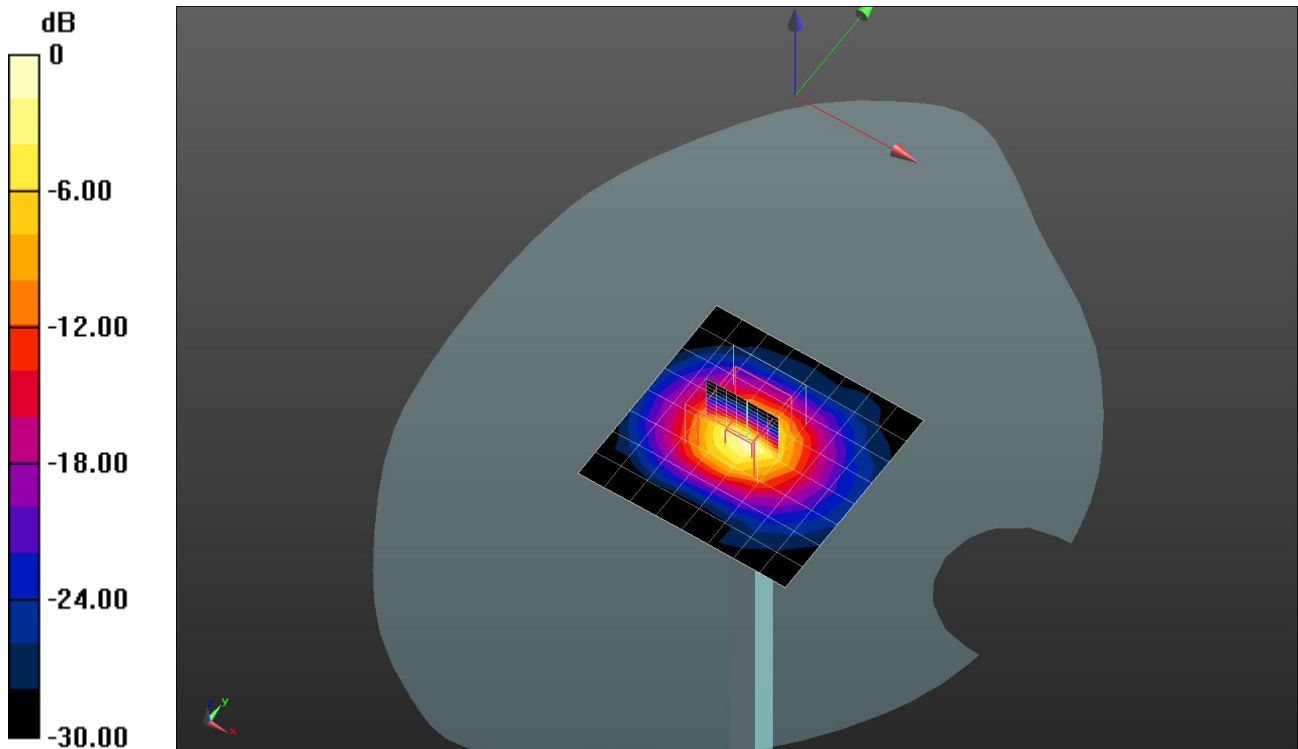
Head/Input 250 mW/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 98.816 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 91.5 W/kg

SAR(1 g) = 21.7 W/kg; SAR(10 g) = 6.1 W/kg

Maximum value of SAR (measured) = 46.1 W/kg



0 dB = 46.1 W/kg = 16.64 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

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

Frequency: 2450 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 39.117$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(7.67, 7.67, 7.67); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.9 W/kg

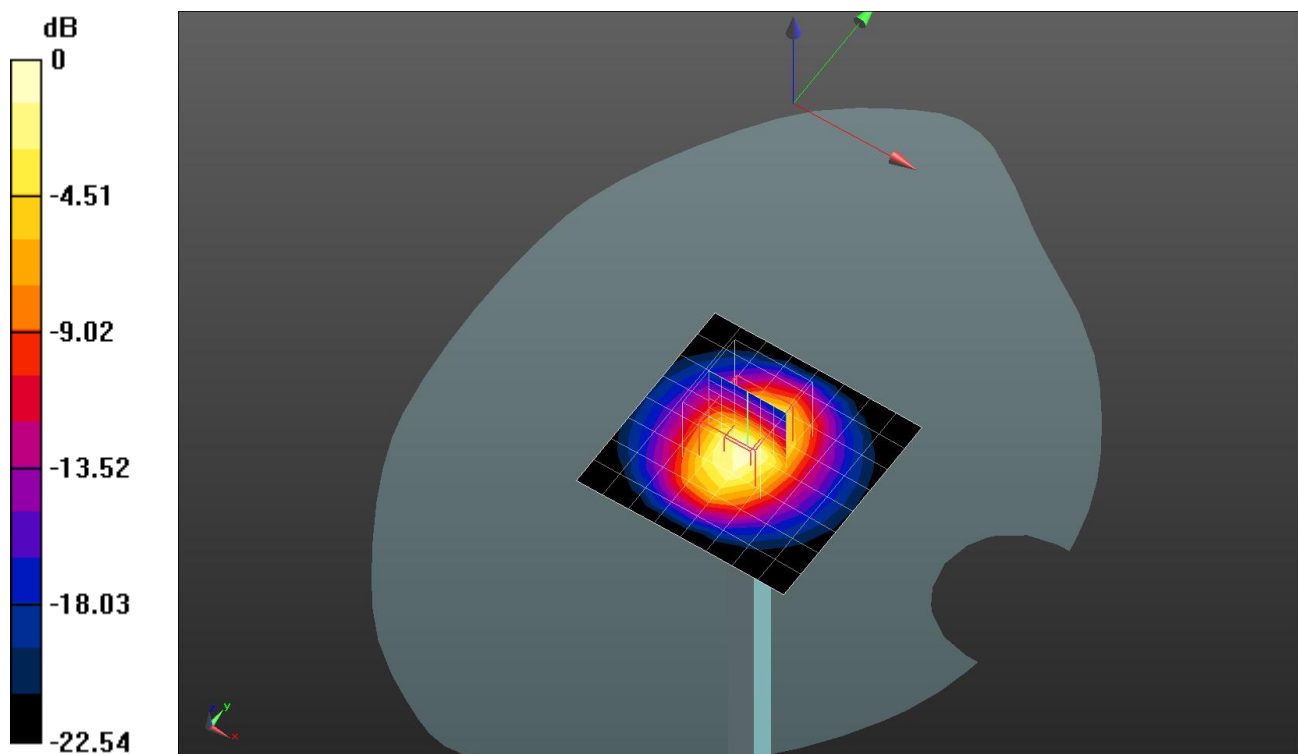
Head/Input 250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 103.5 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 27.1 W/kg

SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.94 W/kg

Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg = 12.99 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Performance Check

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

Frequency: 2450 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 52.031$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(7.53, 7.53, 7.53); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Input 250 mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 17.6 W/kg

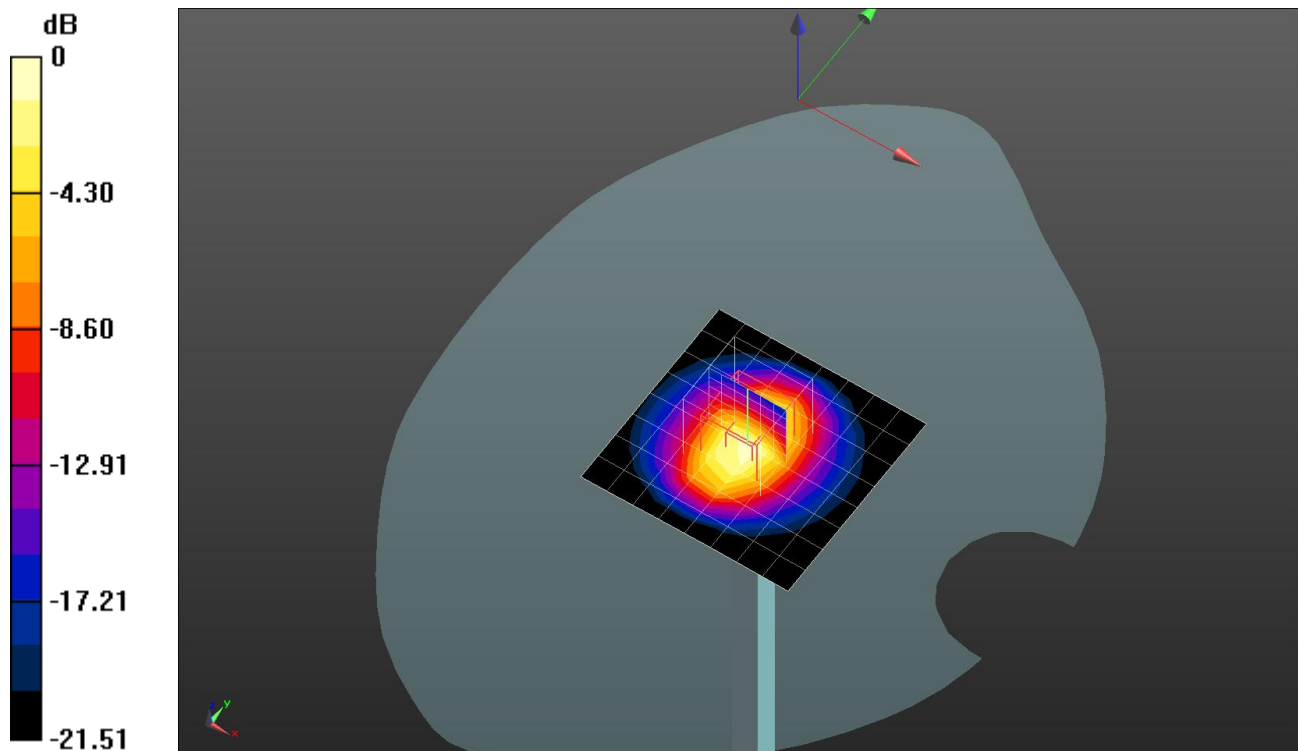
Body/Input 250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.078 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 25.5 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.87 W/kg

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg

Appendix 2 – Highest SAR Test Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 836.4 MHz; Duty Cycle: 1:1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.378$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(9.88, 9.88, 9.88); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/5/2012
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.339 W/kg

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

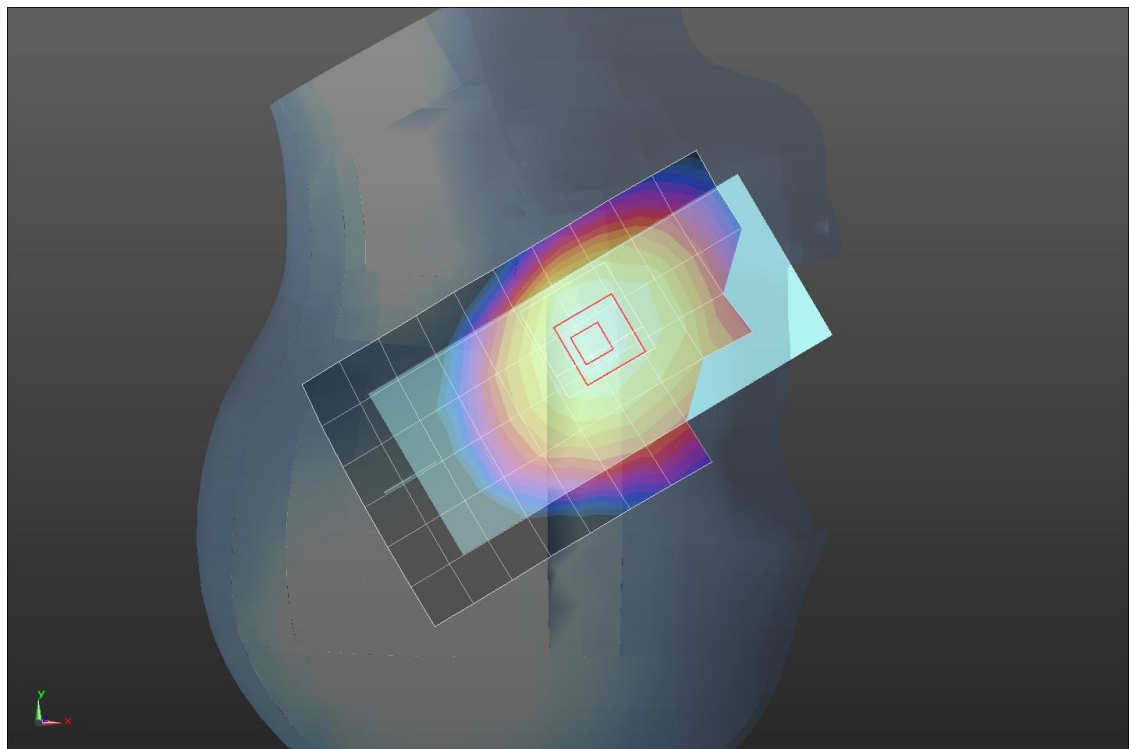
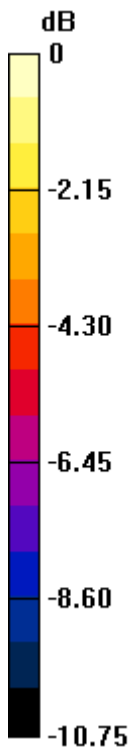
Reference Value = 19.203 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.233 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg = -4.63 dBW/kg

Plot No.1

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / WCDMA Band V

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 836.4 MHz; Duty Cycle: 1:1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 55.031$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(9.87, 9.87, 9.87); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/5/2012
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Rear/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.605 W/kg

Body/Rear/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

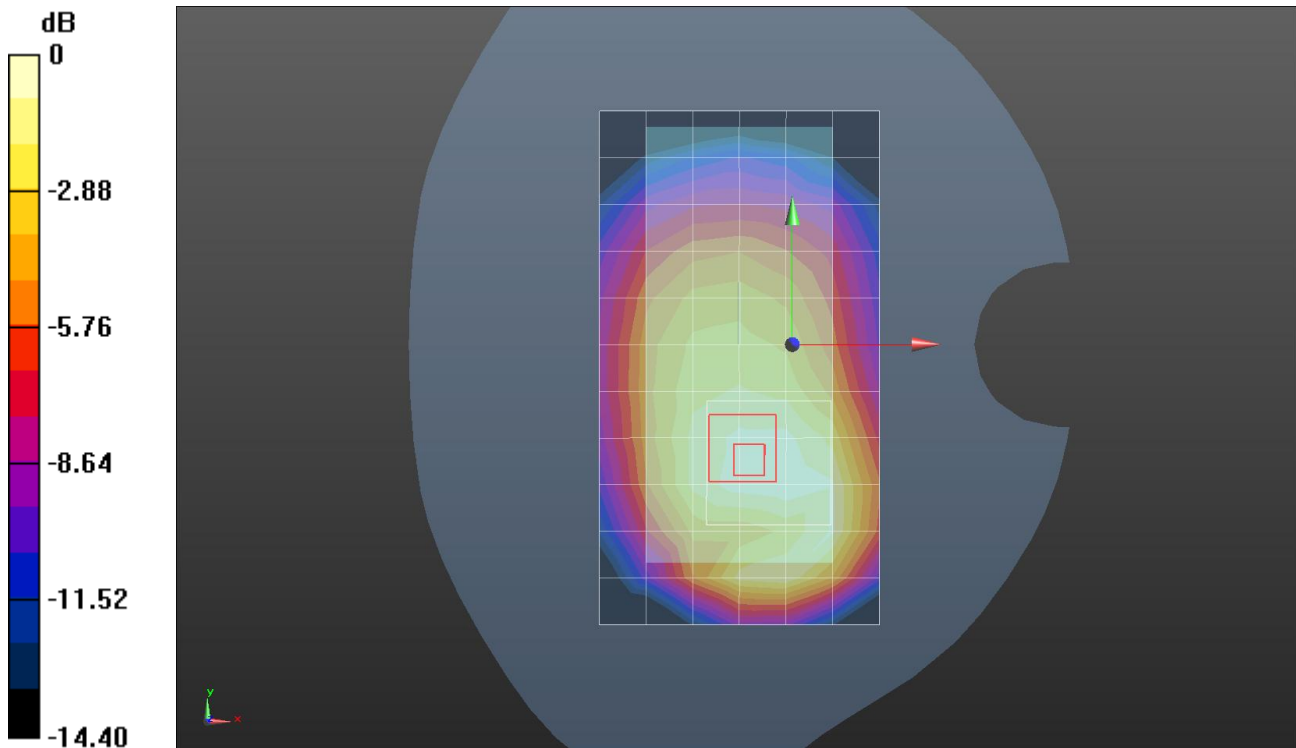
Reference Value = 19.199 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.348 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg

Plot No.2

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 836.4 MHz; Duty Cycle: 1:2.08018

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.378$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(9.88, 9.88, 9.88); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/5/2012
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.385 W/kg

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

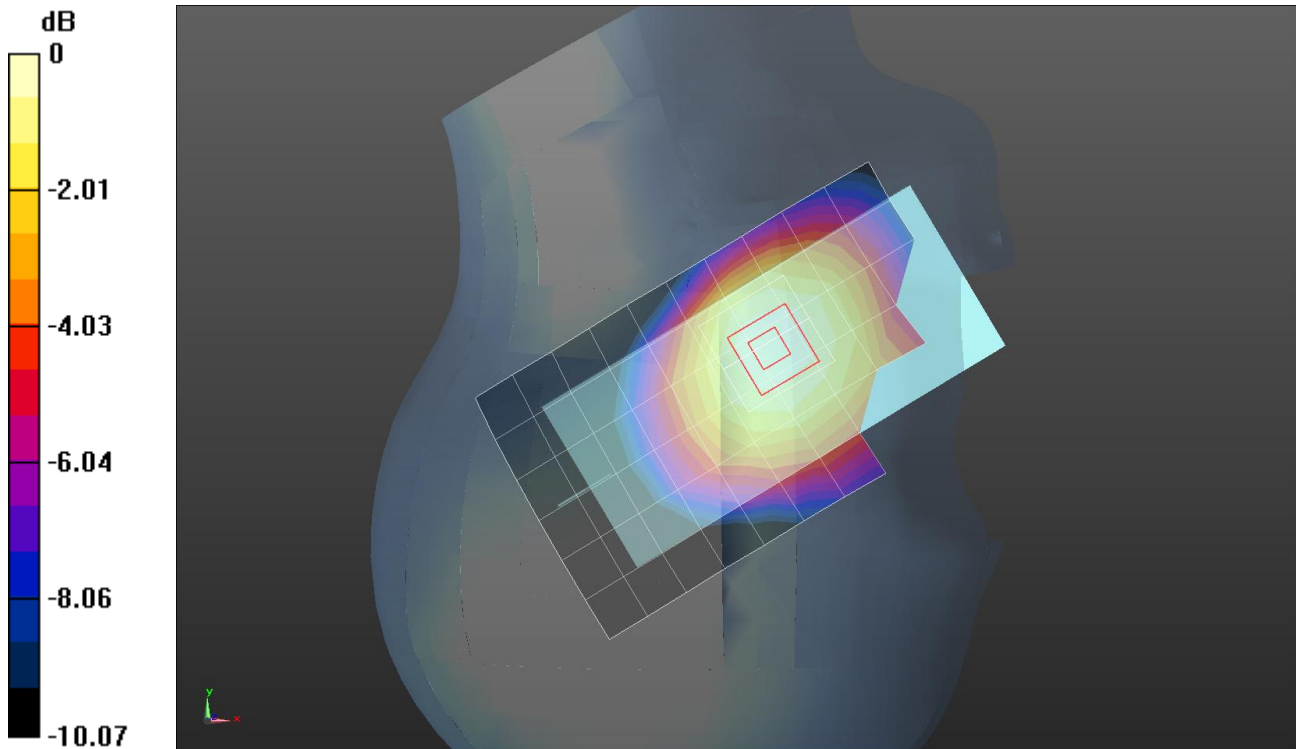
Reference Value = 20.282 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.263 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395 W/kg = -4.03 dBW/kg

Plot No.3

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 836.4 MHz; Duty Cycle: 1:2.08018

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 55.031$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(9.87, 9.87, 9.87); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/5/2012
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Rear/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.692 W/kg

Body/Rear/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

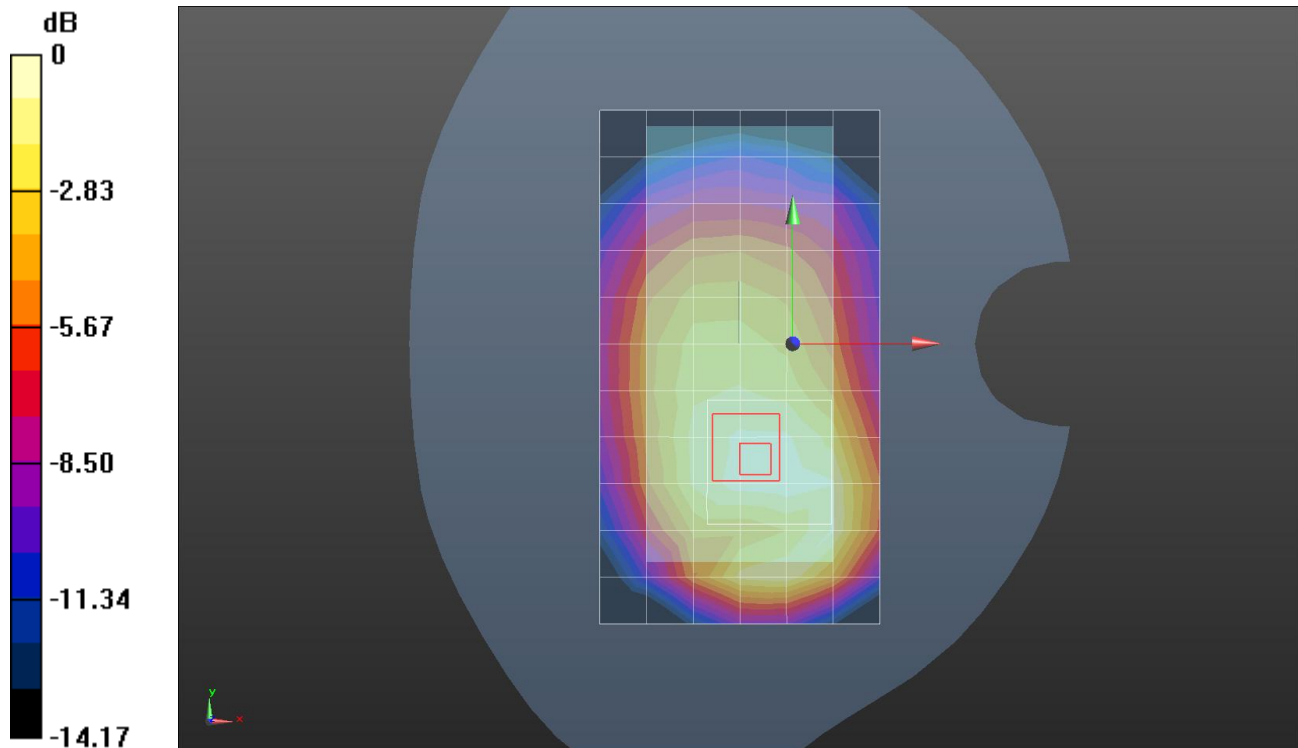
Reference Value = 20.991 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.412 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.729 W/kg



0 dB = 0.729 W/kg = -1.37 dBW/kg

Plot No.4

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 1880 MHz; Duty Cycle: 1:2.08018

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 39.929$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(8.37, 8.37, 8.37); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (measured) = 0.324 W/kg

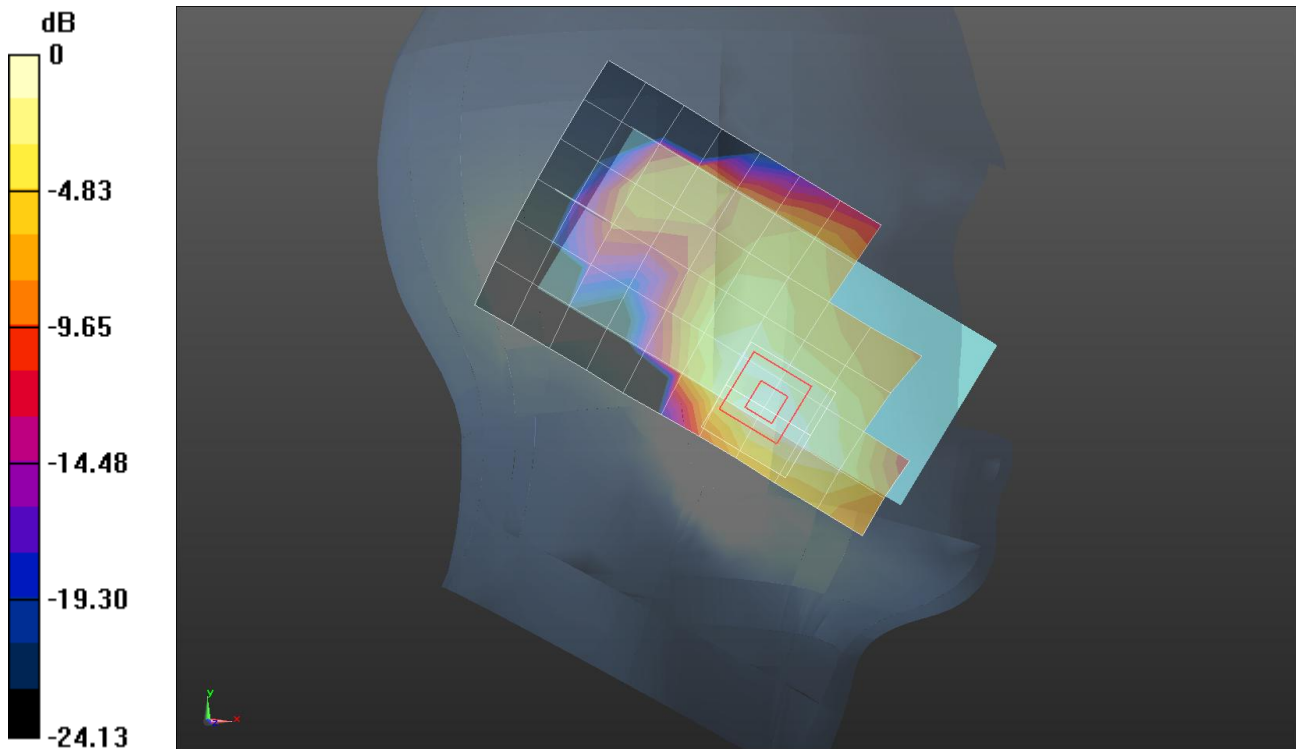
Head/Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.908 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.447 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



0 dB = 0.371 W/kg = -4.31 dBW/kg

Plot No.5

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slot

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 1880 MHz; Duty Cycle: 1:2.08018

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ S/m; $\epsilon_r = 52.63$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(8.02, 8.02, 8.02); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Rear/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.476 W/kg

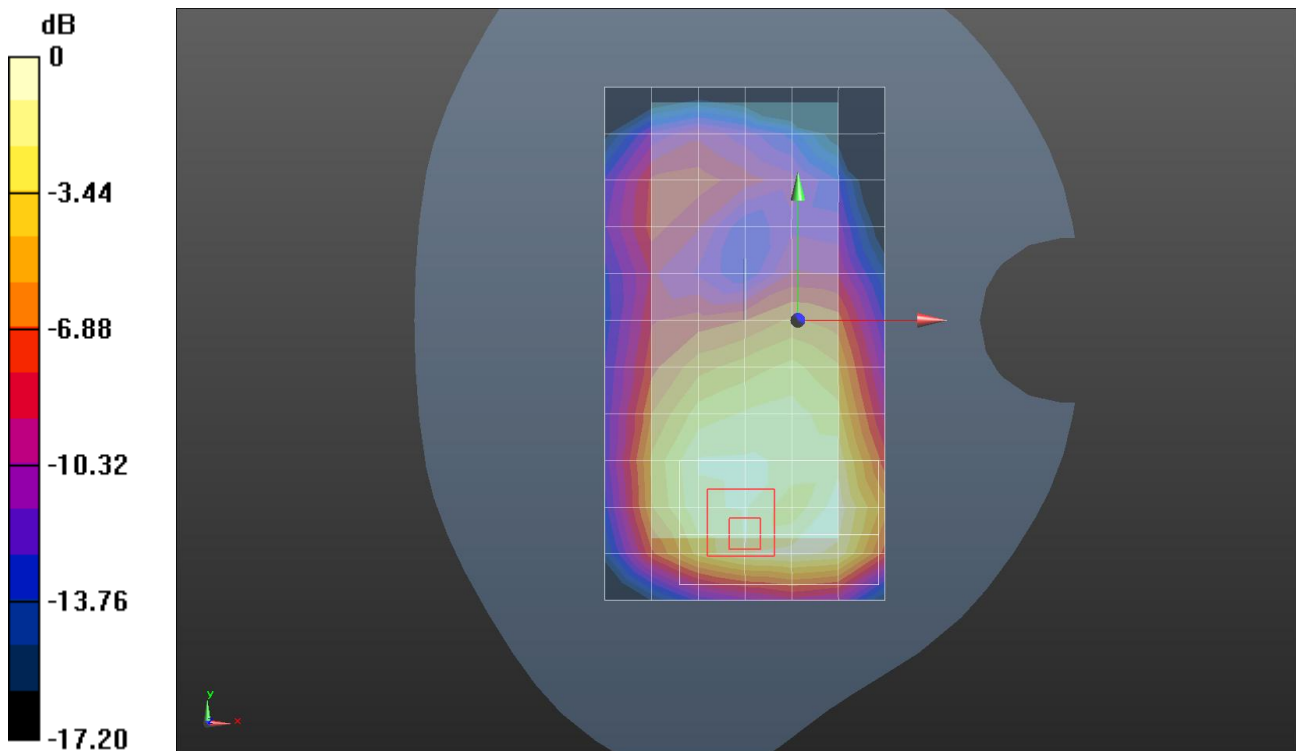
Body/Rear/Zoom Scan (9x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.865 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg = -2.75 dBW/kg

Plot No.6

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 2412 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.798$ S/m; $\epsilon_r = 39.312$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(7.67, 7.67, 7.67); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Right Touched/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.424 W/kg

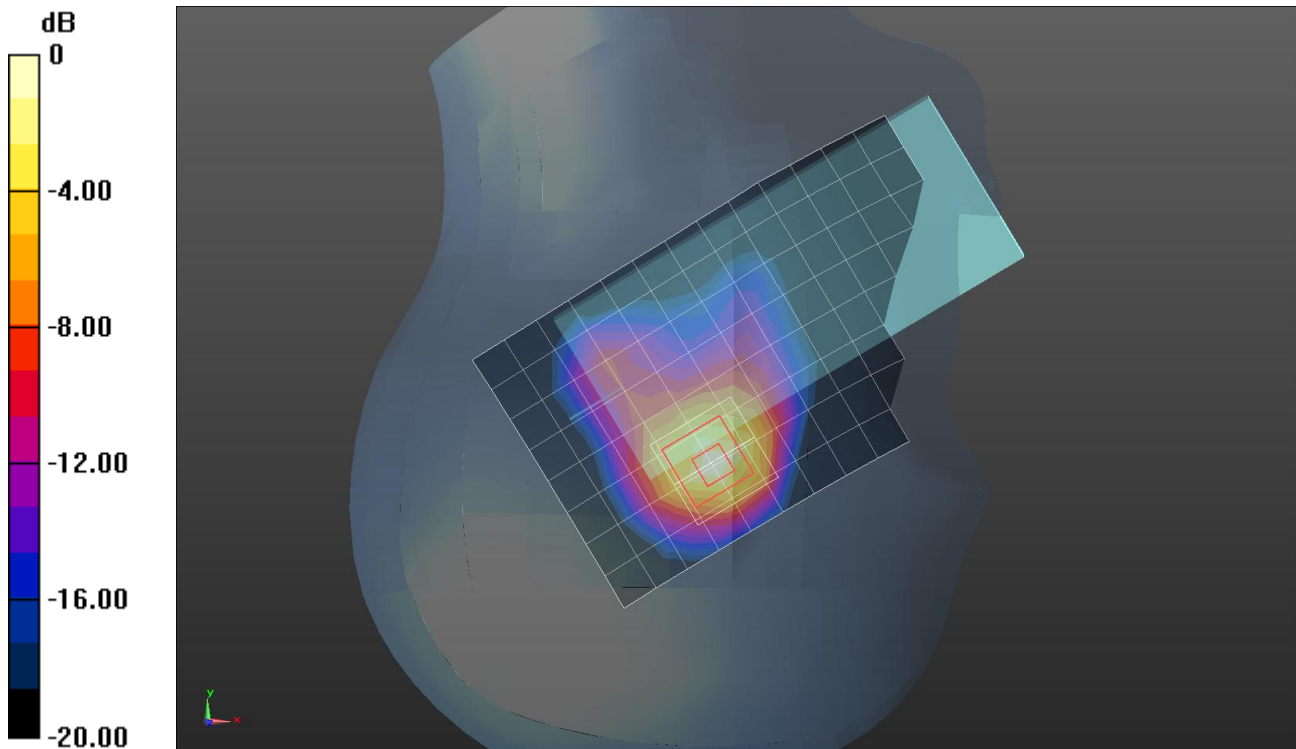
Head/Right Touched/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.599 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.402 W/kg = -3.96 dBW/kg

Plot No.7

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 2412 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.871$ S/m; $\epsilon_r = 52.18$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(7.53, 7.53, 7.53); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Rear/Area Scan (10x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.165 W/kg

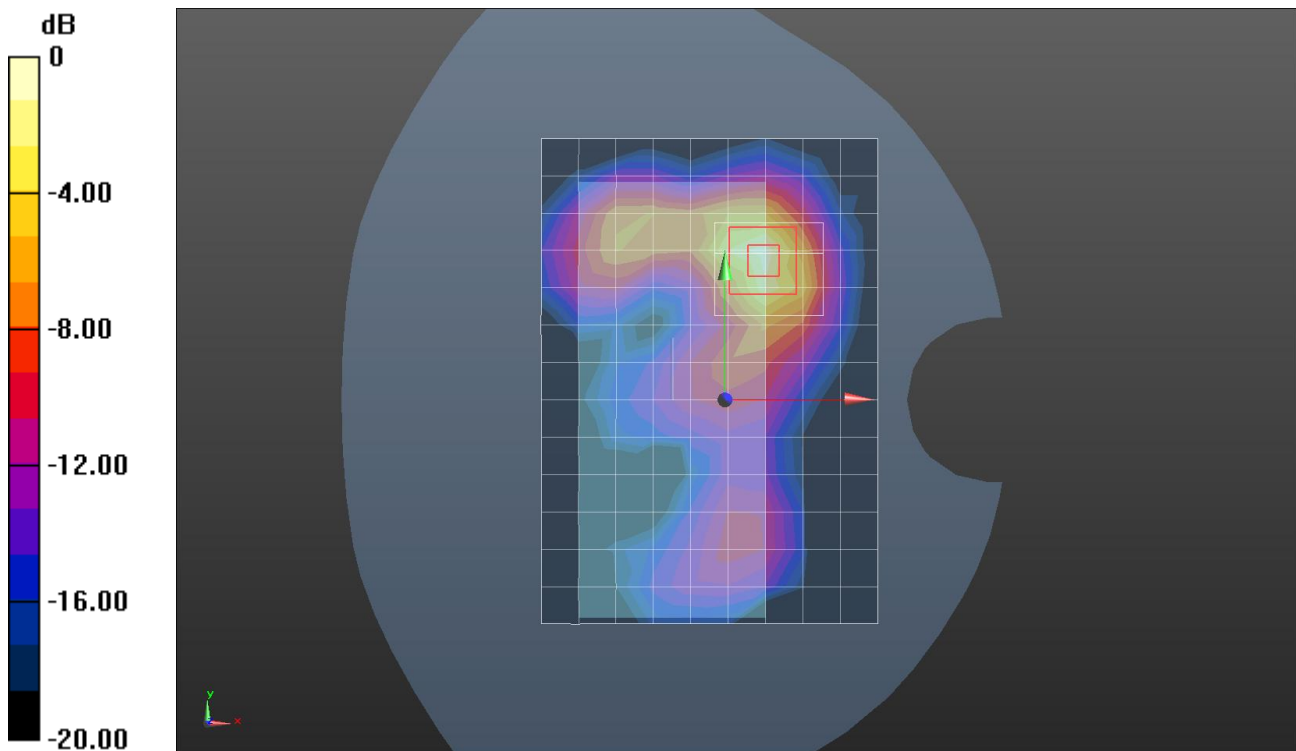
Body/Rear/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.837 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.179 W/kg



Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

48ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 5240 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.628$ S/m; $\epsilon_r = 35.281$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(4.8, 4.8, 4.8); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Right Touched/Area Scan (16x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.371 W/kg

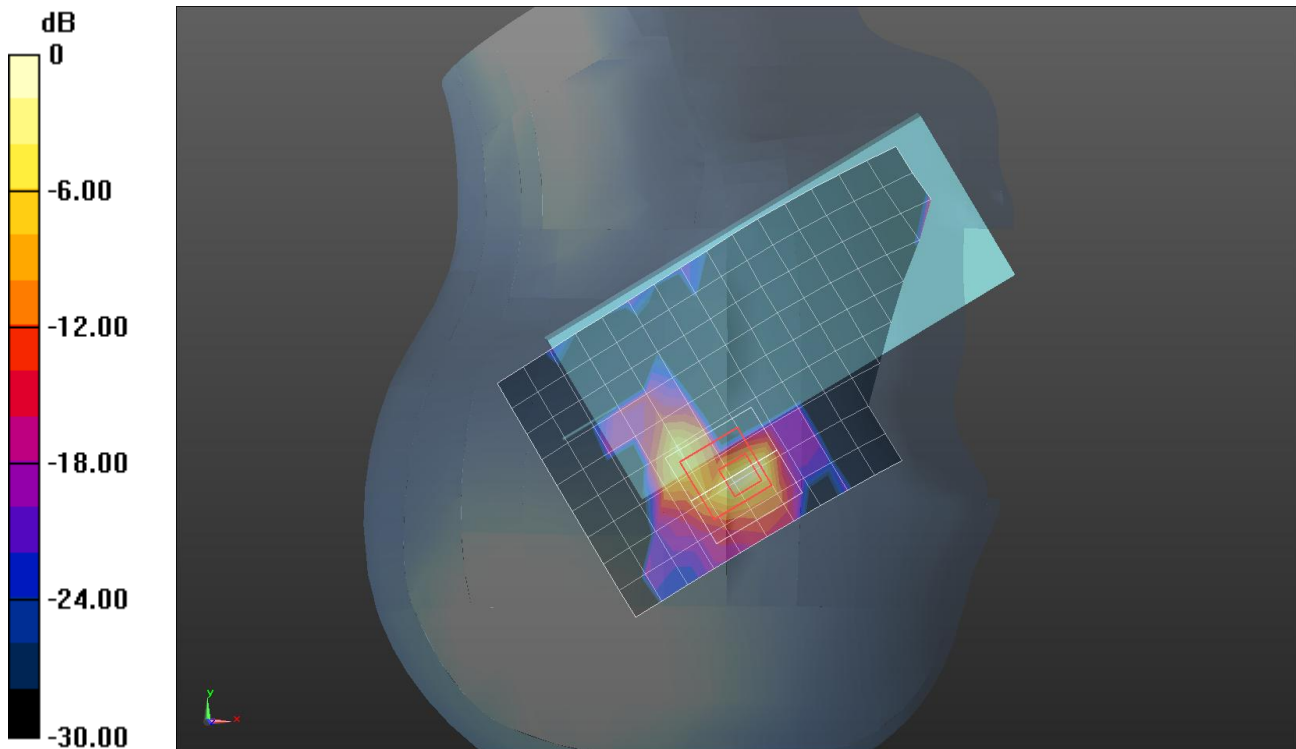
Head/Right Touched/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.520 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.865 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

Plot No.9

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

48ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 5240 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.483$ S/m; $\epsilon_r = 47.34$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(4.11, 4.11, 4.11); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Rear/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.190 W/kg

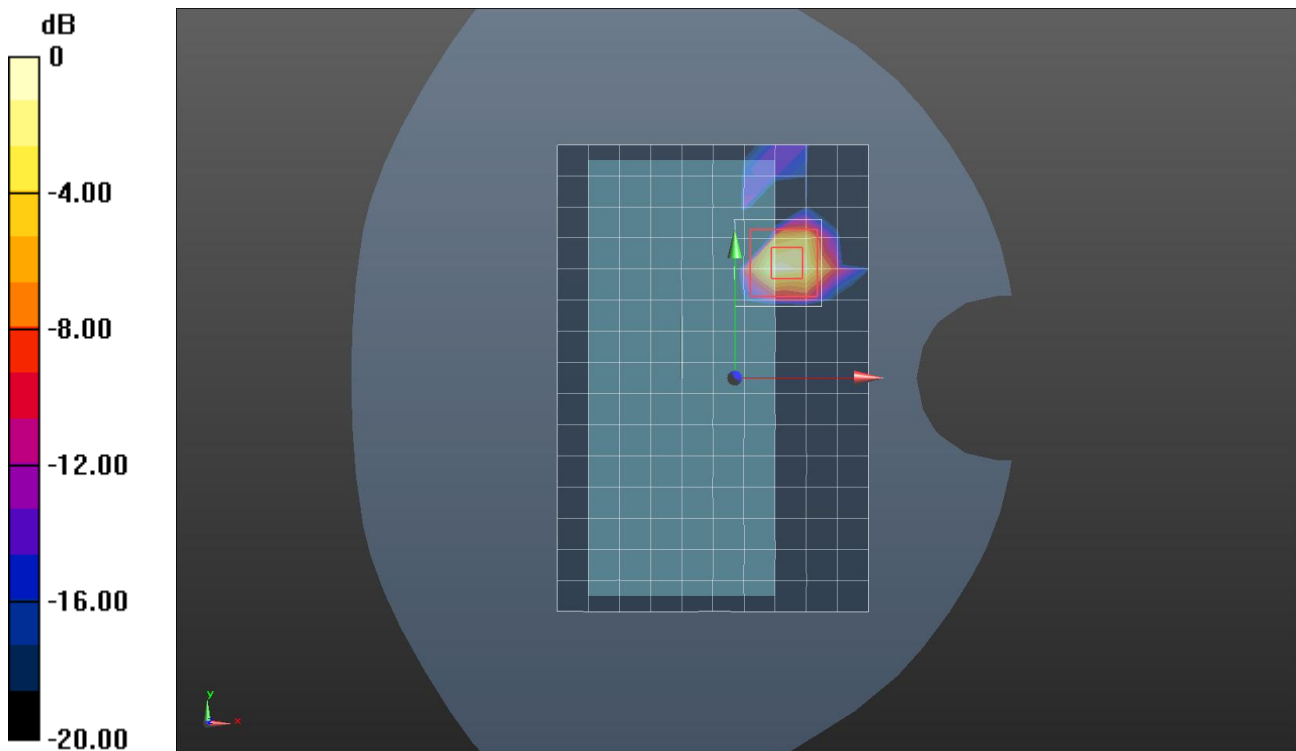
Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.689 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

Plot No.10

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

60ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 5300 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.68$ S/m; $\epsilon_r = 35.191$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(4.51, 4.51, 4.51); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Right Touched/Area Scan (16x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.424 W/kg

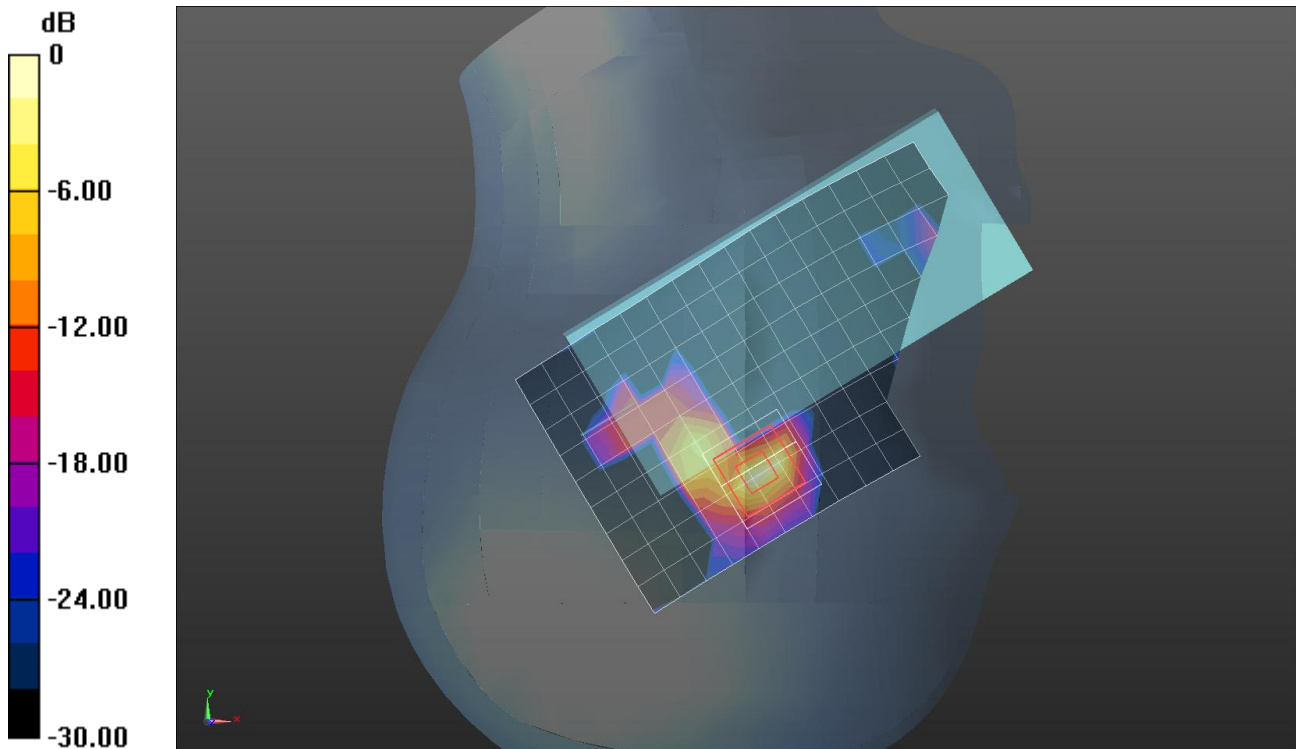
Head/Right Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.523 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.491 W/kg



0 dB = 0.491 W/kg = -3.09 dBW/kg

Plot No.11

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

60ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 5300 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.557$ S/m; $\epsilon_r = 47.23$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(3.94, 3.94, 3.94); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Rear/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.264 W/kg

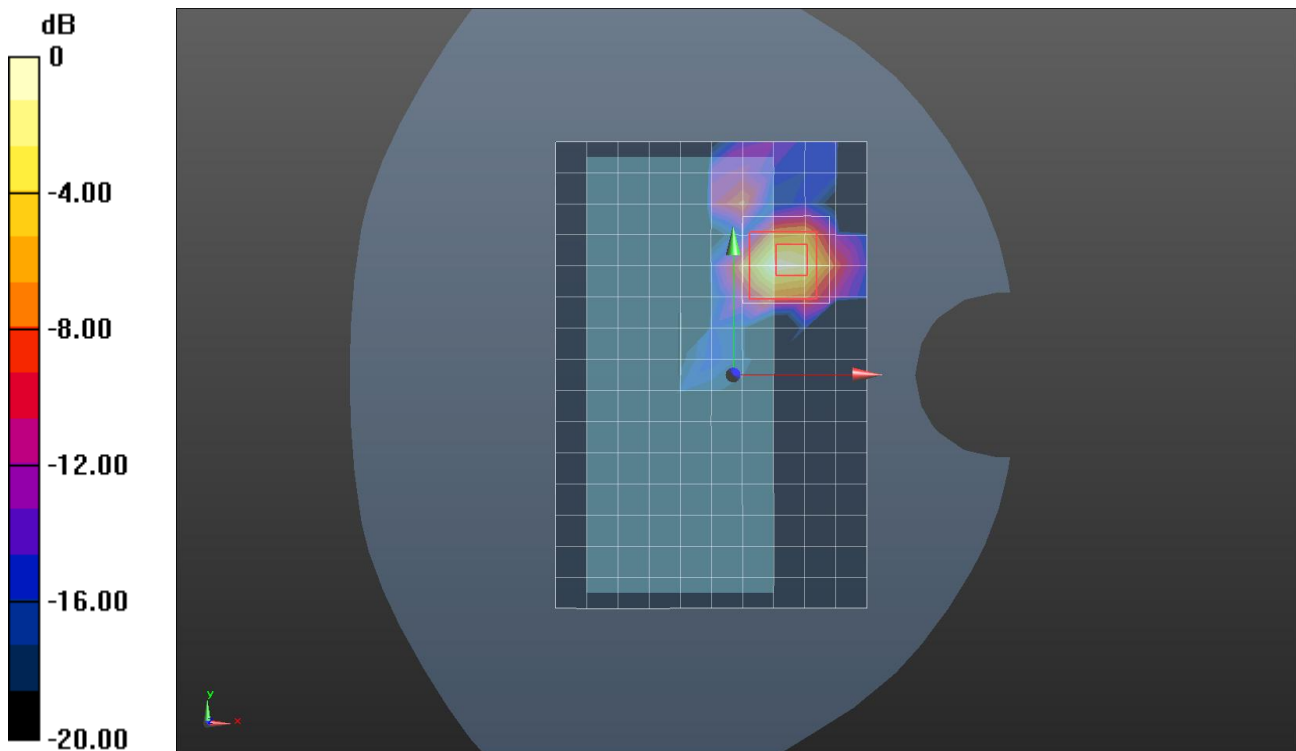
Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.106 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.278 W/kg = -5.56 dBW/kg

Plot No.12

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

140ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 5700 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5700$ MHz; $\sigma = 5.068$ S/m; $\epsilon_r = 34.592$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(4.25, 4.25, 4.25); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Head/Right Touched/Area Scan (16x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.565 W/kg

Head/Right Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm,

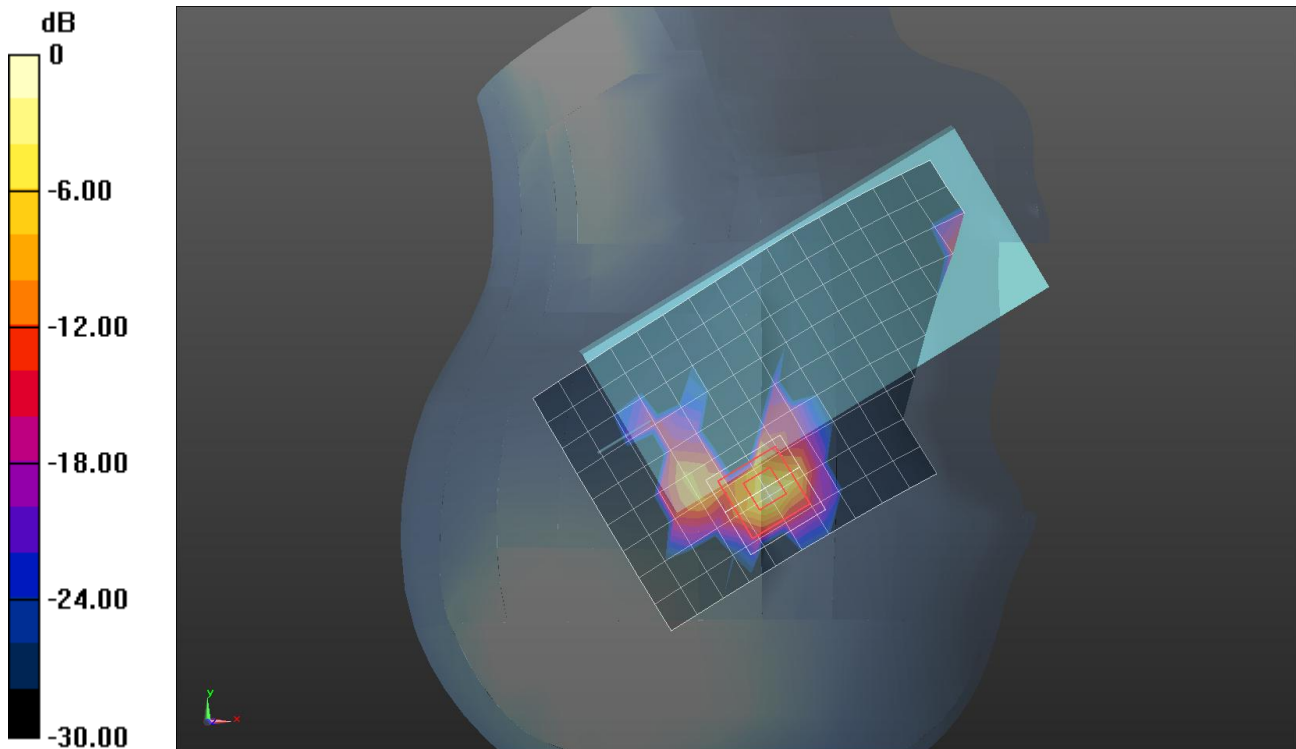
dz=2mm

Reference Value = 9.588 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg

Plot No.13

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

140ch / 802.11a 6Mbps

DUT: Cellular Phone; Type: SH-01F; Serial: 004401114935139

Frequency: 5700 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5700$ MHz; $\sigma = 6.062$ S/m; $\epsilon_r = 46.568$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3540; ConvF(3.74, 3.74, 3.74); Calibrated: 8/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn516; Calibrated: 5/10/2013
- Phantom: SAM v4.0 SN1200; Type: QD000P40CC; Serial: TP 1200
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Body/Rear/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.269 W/kg

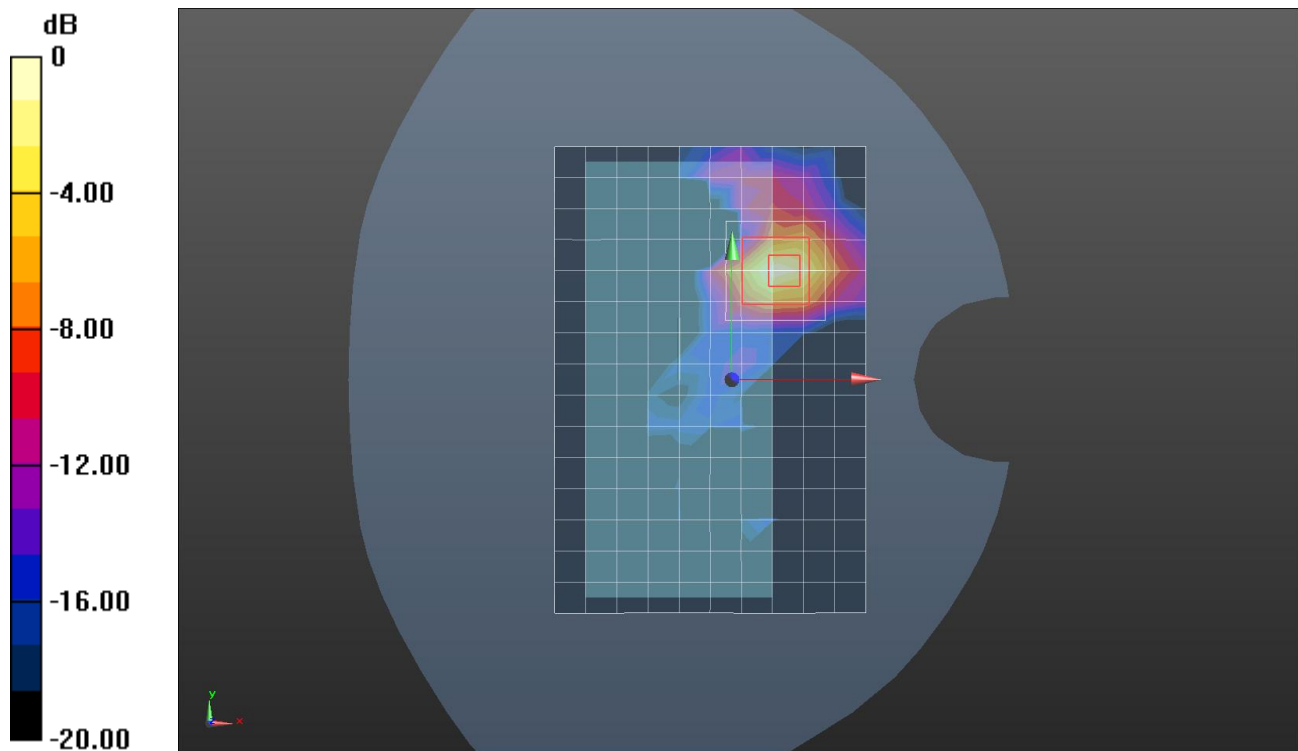
Body/Rear/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.296 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Plot No.14