Appendix 2 – Highest SAR Test Plots

Date: 3/11/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 0.908 S/m; ε_r = 42.023; ρ = 1000 kg/m^3

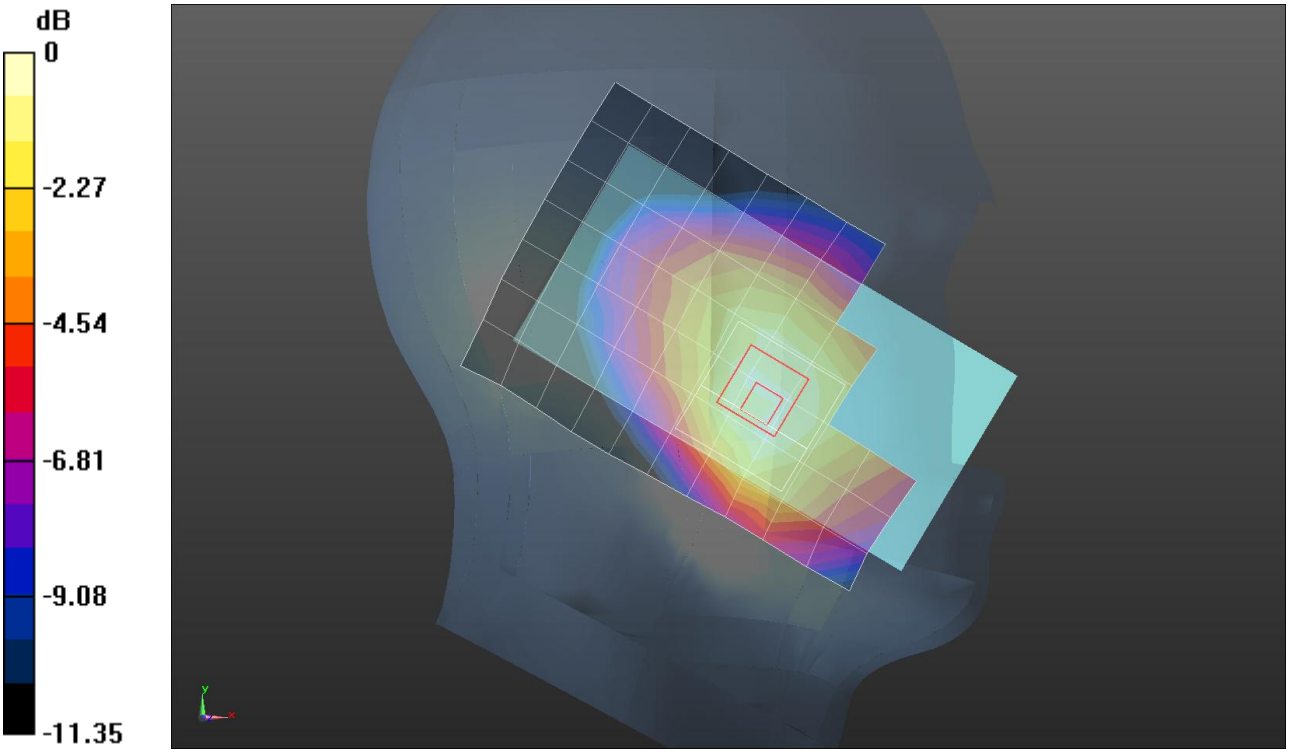
DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(6.4, 6.4, 6.4); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.384 W/kg

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

Reference Value = 20.76 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.549 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.311 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg = -3.63 dBW/kg

Date: 3/12/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

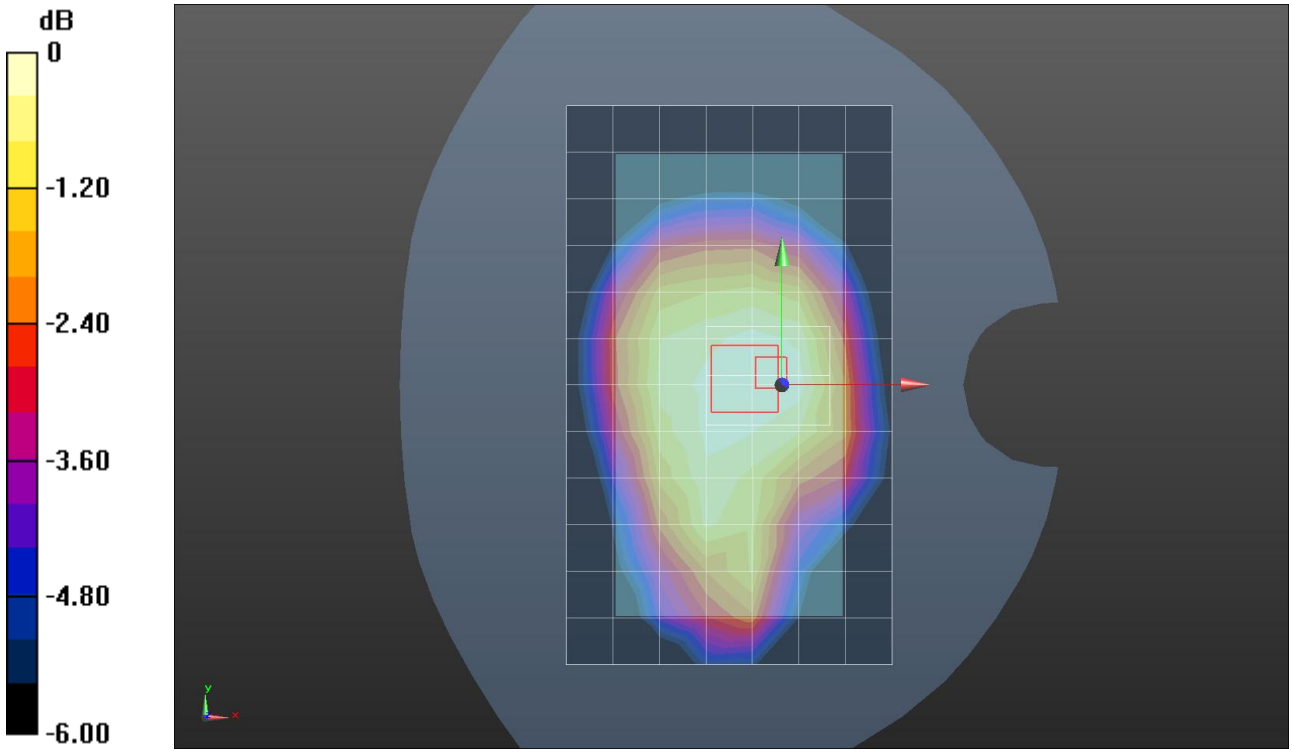
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 0.984 S/m; ε_r = 54.754; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(6.33, 6.33, 6.33); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.489 W/kg

Body/Rear/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.97 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.362 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.494 W/kg = -3.06 dBW/kg

Date: 3/12/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 0.984 S/m; ε_r = 54.754; ρ = 1000 kg/m^3

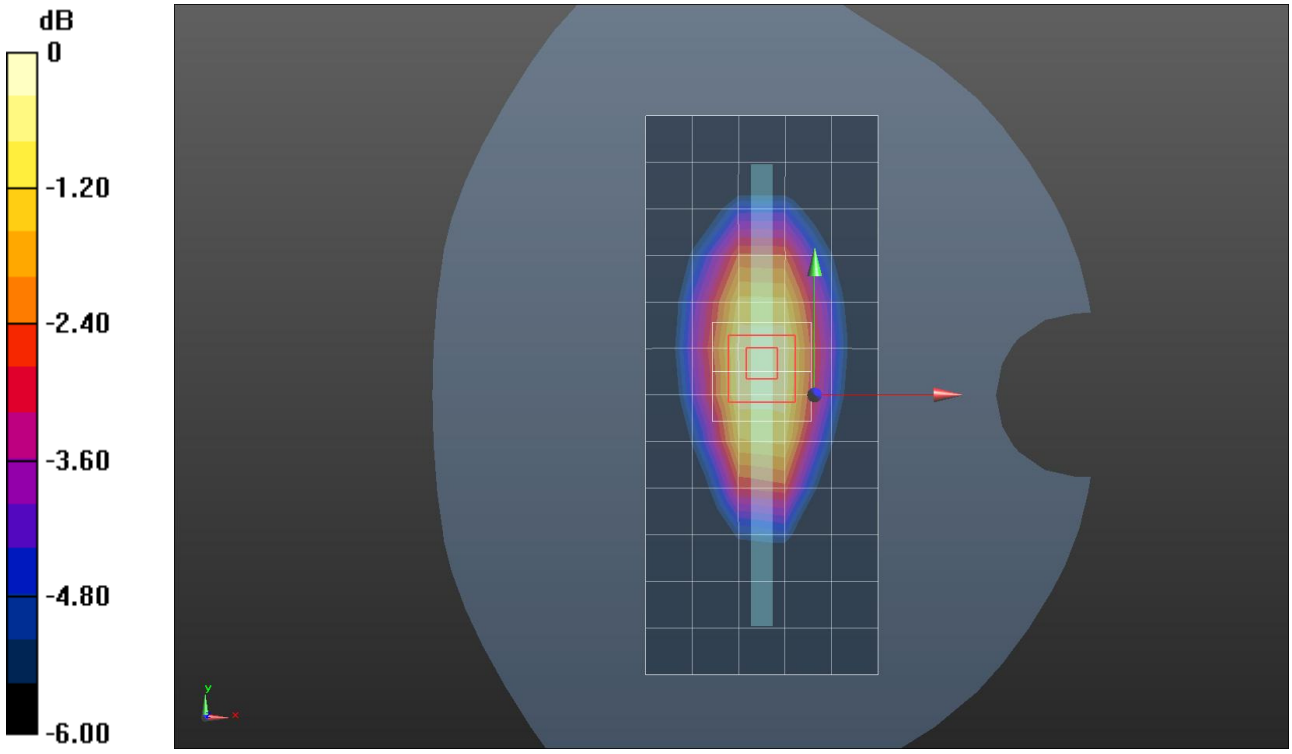
DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(6.33, 6.33, 6.33); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Edge 4/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.553 W/kg

Body/Edge 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.00 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.800 W/kg
SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.400 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.623 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

Date: 3/13/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

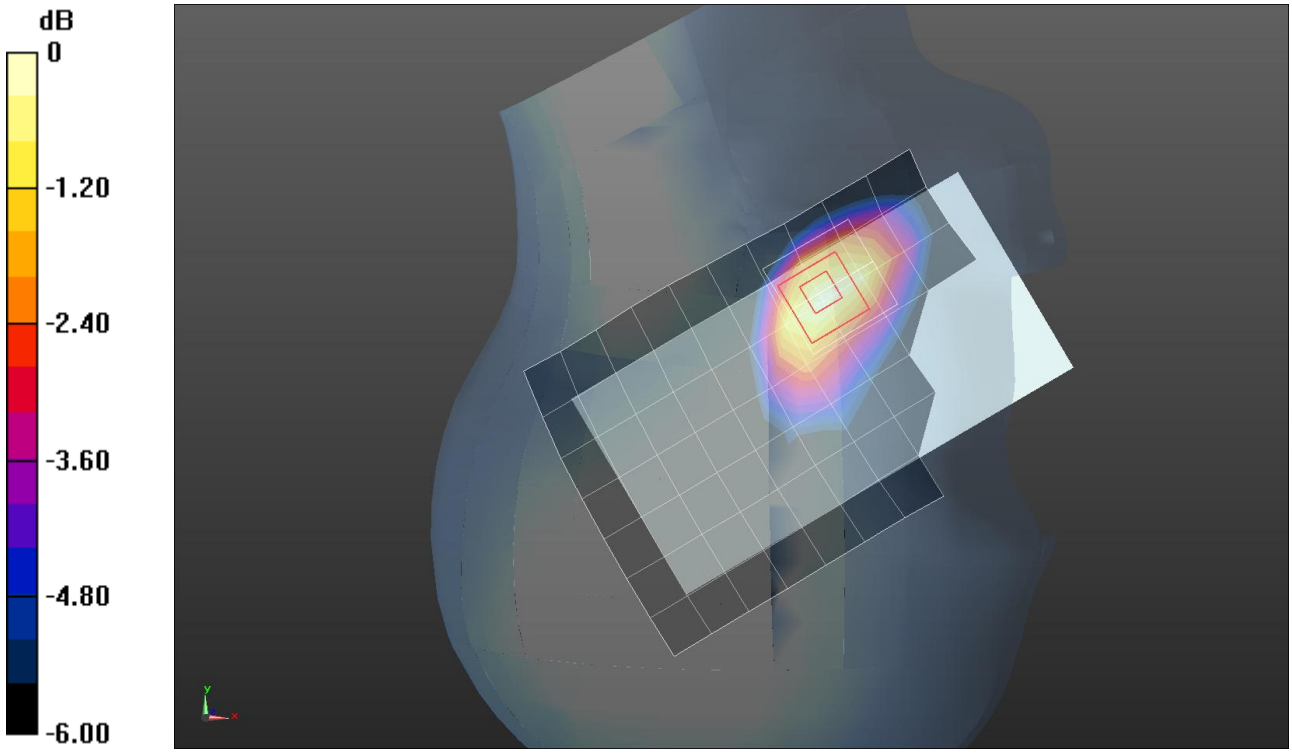
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 1.404 S/m; ε_r = 40.312; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(5.08, 5.08, 5.08); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.239 W/kg

Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.527 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

Date: 3/13/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

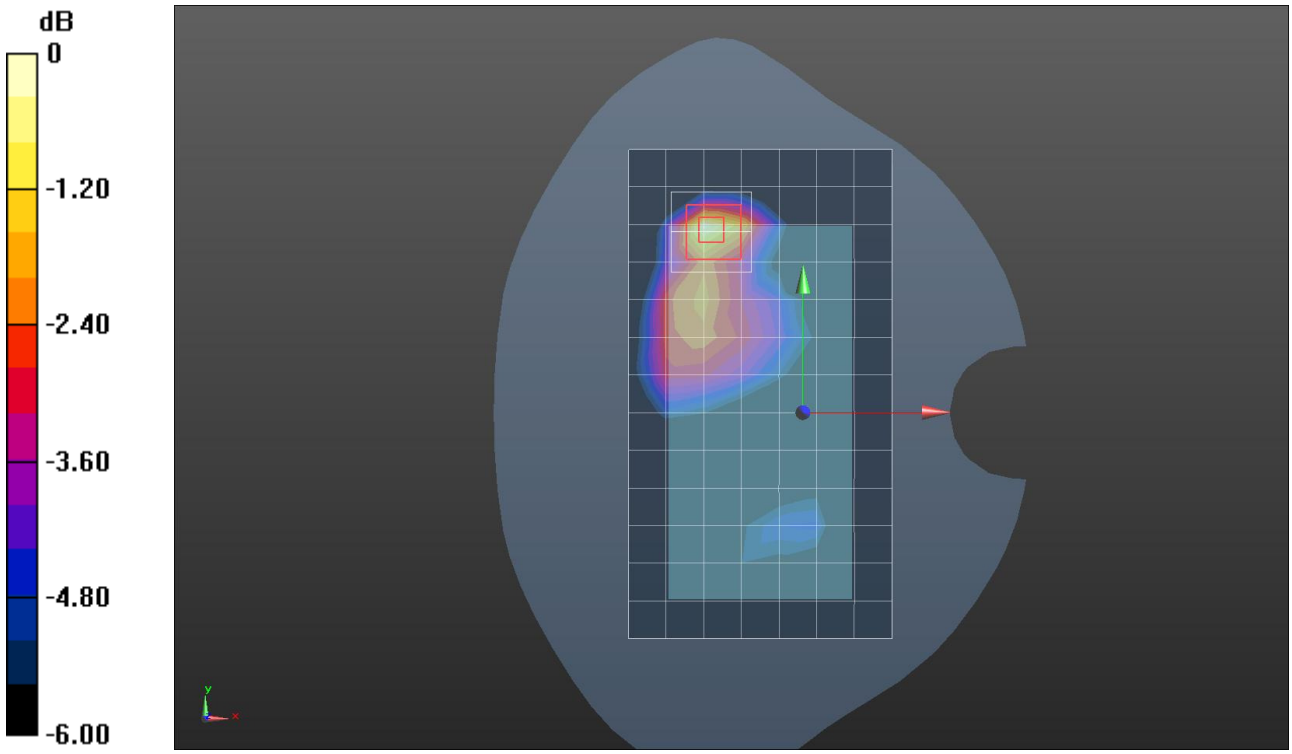
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 1.523 S/m; ε_r = 53.046; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(4.6, 4.6, 4.6); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.273 W/kg

Body/Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.204 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg

Date: 3/13/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

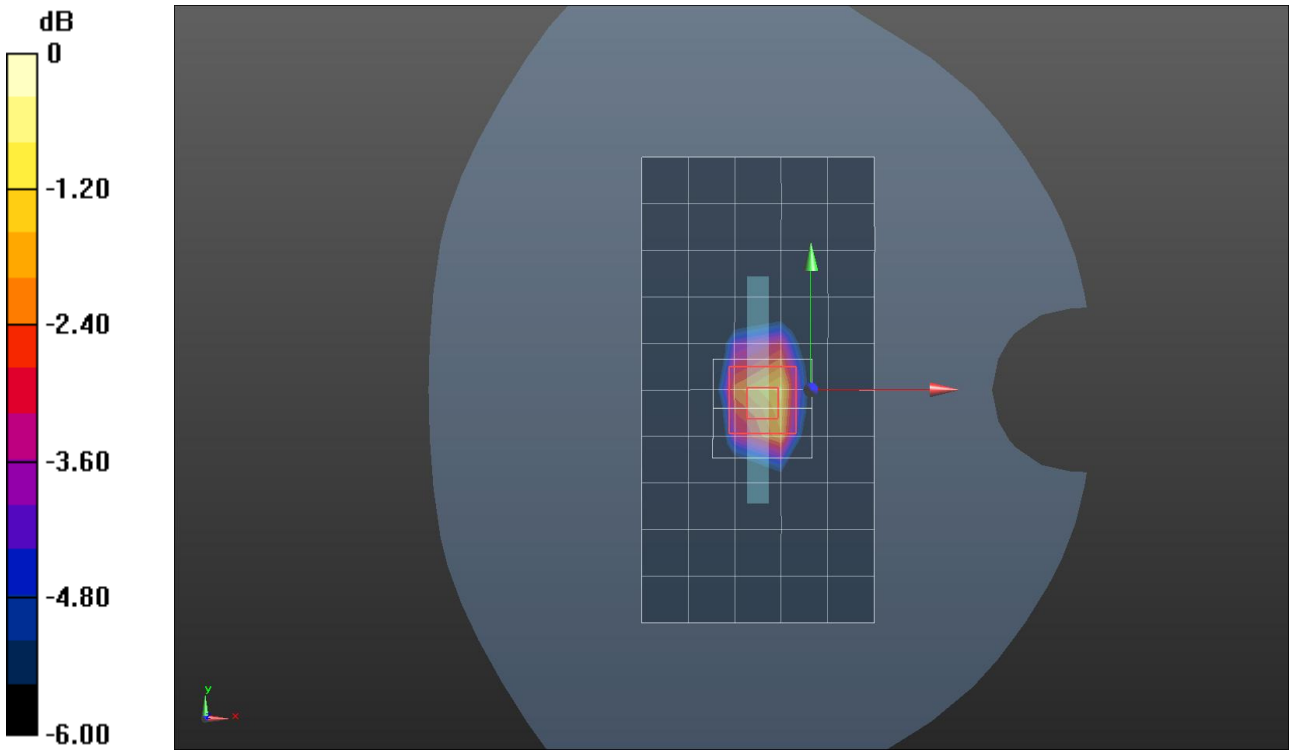
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 1.523 S/m; ε_r = 53.046; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(4.6, 4.6, 4.6); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Edge 3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.281 W/kg

Body/Edge 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.29 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353 W/kg = -4.52 dBW/kg

Date: 3/11/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / W-CDMA Band V

DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 0.908 S/m; ε_r = 42.023; ρ = 1000 kg/m^3

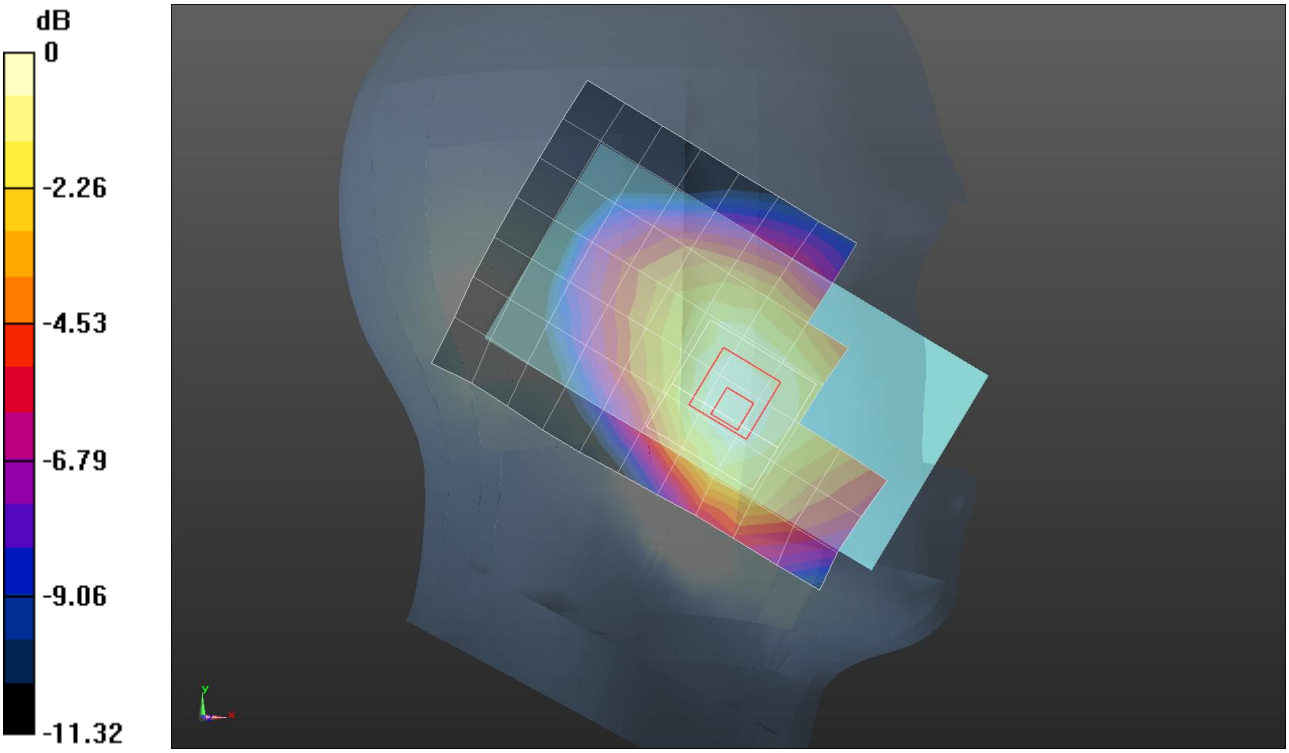
DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(6.4, 6.4, 6.4); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.332 W/kg

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

Reference Value = 19.18 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.248 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

Date: 3/12/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / W-CDMA Band V

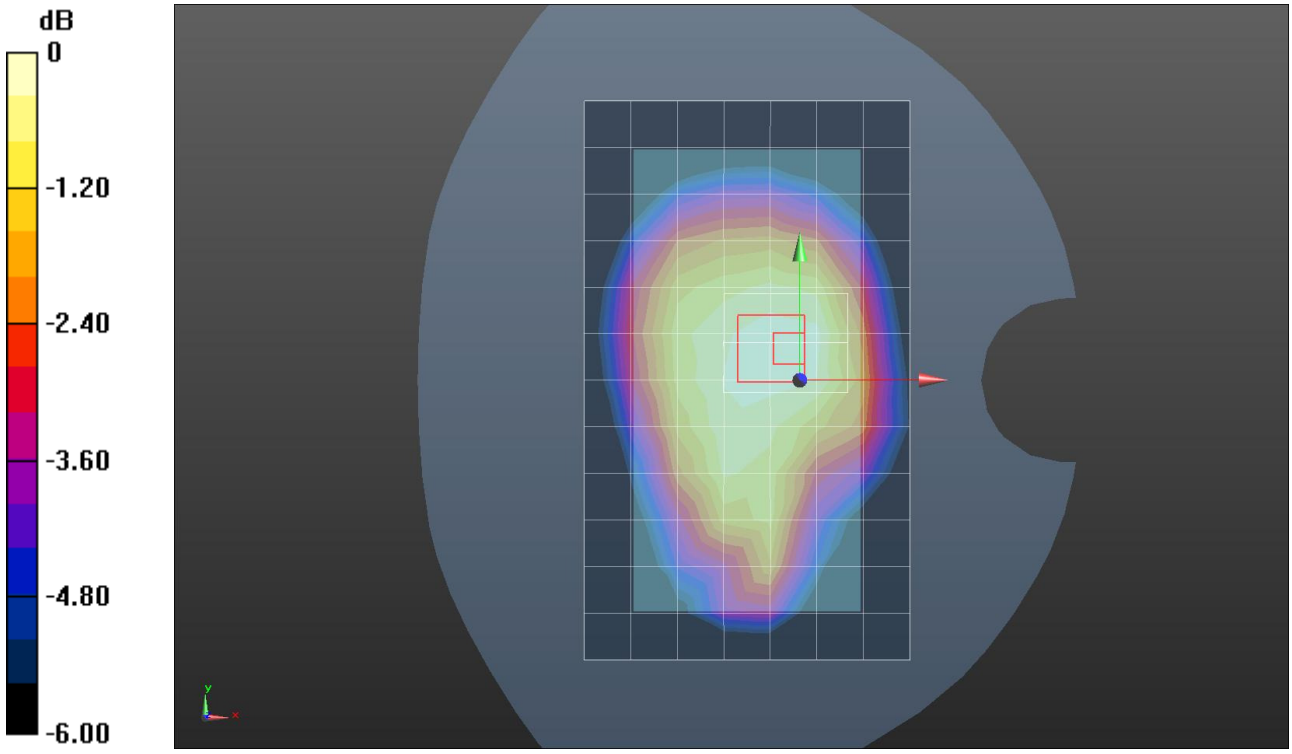
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 0.984 S/m; ε_r = 54.754; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(6.33, 6.33, 6.33); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.397 W/kg

Body/Rear/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.53 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.297 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.410 W/kg = -3.87 dBW/kg

Date: 3/12/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / W-CDMA Band V

DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

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; σ = 0.984 S/m; ε_r = 54.754; ρ = 1000 kg/m^3

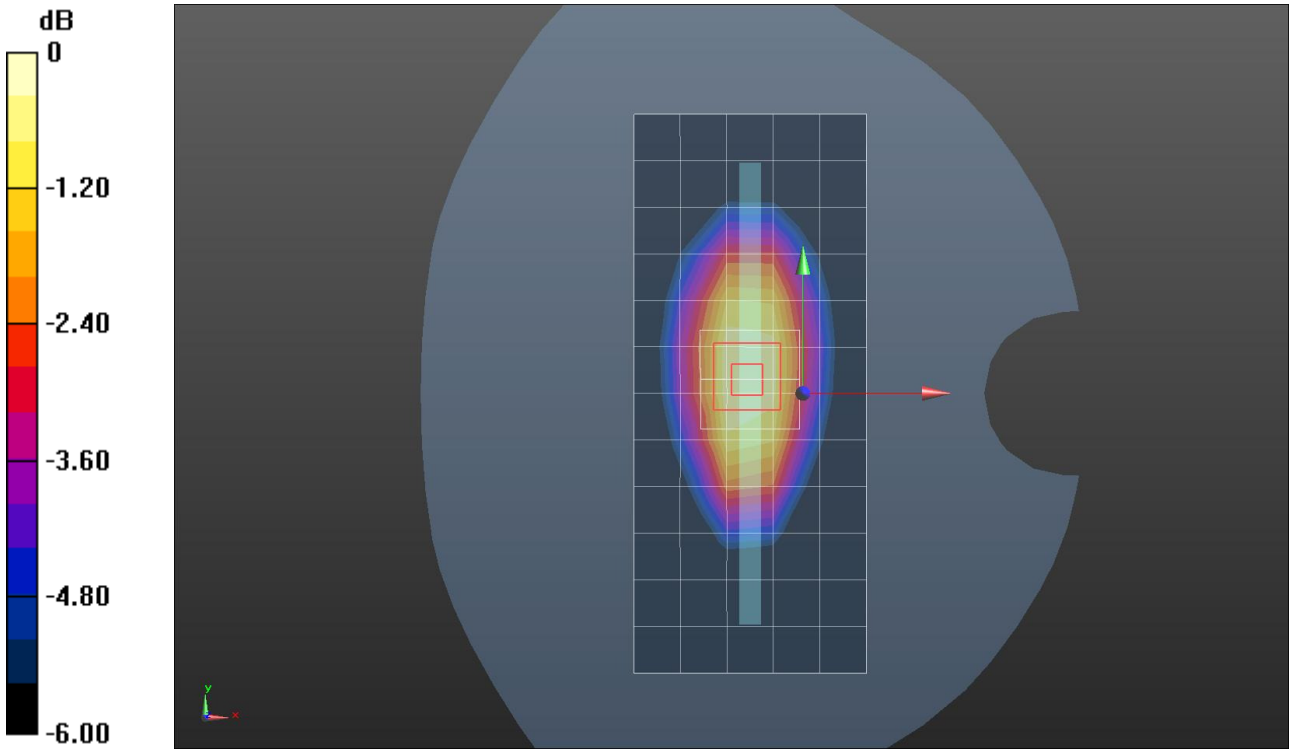
DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(6.33, 6.33, 6.33); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Edge 4/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.381 W/kg

Body/Edge 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.56 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.273 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg = -3.74 dBW/kg

Date: 3/17/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 0)

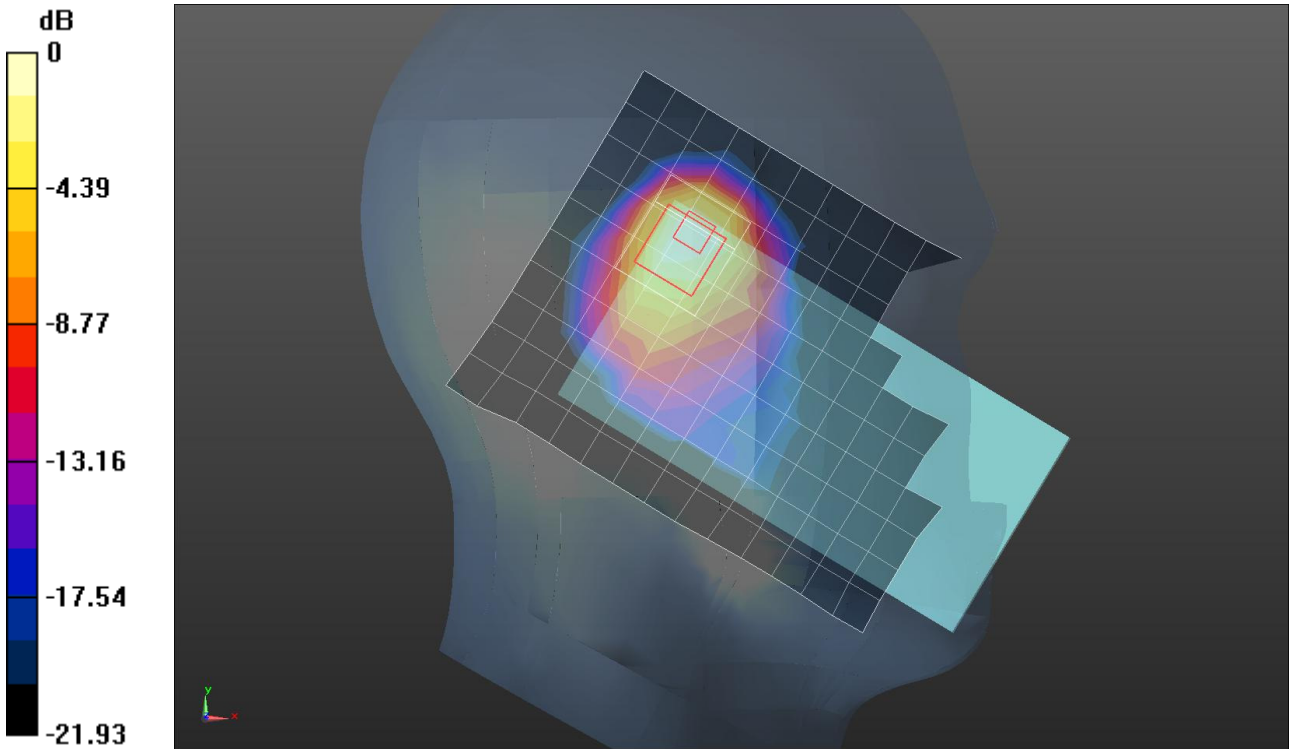
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 2412 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2412 MHz; σ = 1.817 S/m; ε_r = 38.785; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7, 7, 7); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (14x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.422 W/kg

Head/Left Touched/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.115 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.731 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

Date: 3/18/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 0)

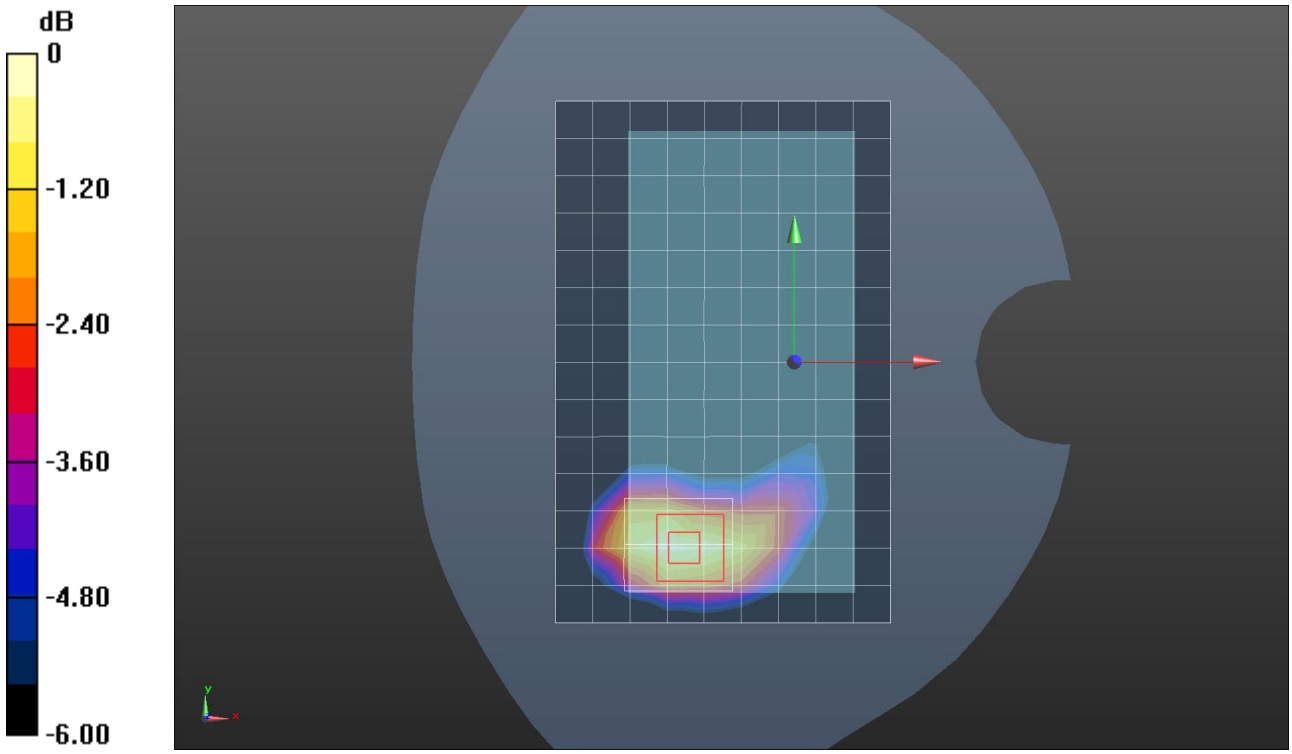
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 2412 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2412 MHz; σ = 1.914 S/m; ε_r = 52.019; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7.09, 7.09, 7.09); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0656 W/kg

Body/Front/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.592 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0900 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0687 W/kg



0 dB = 0.0687 W/kg = -11.63 dBW/kg

Date: 3/18/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 0)

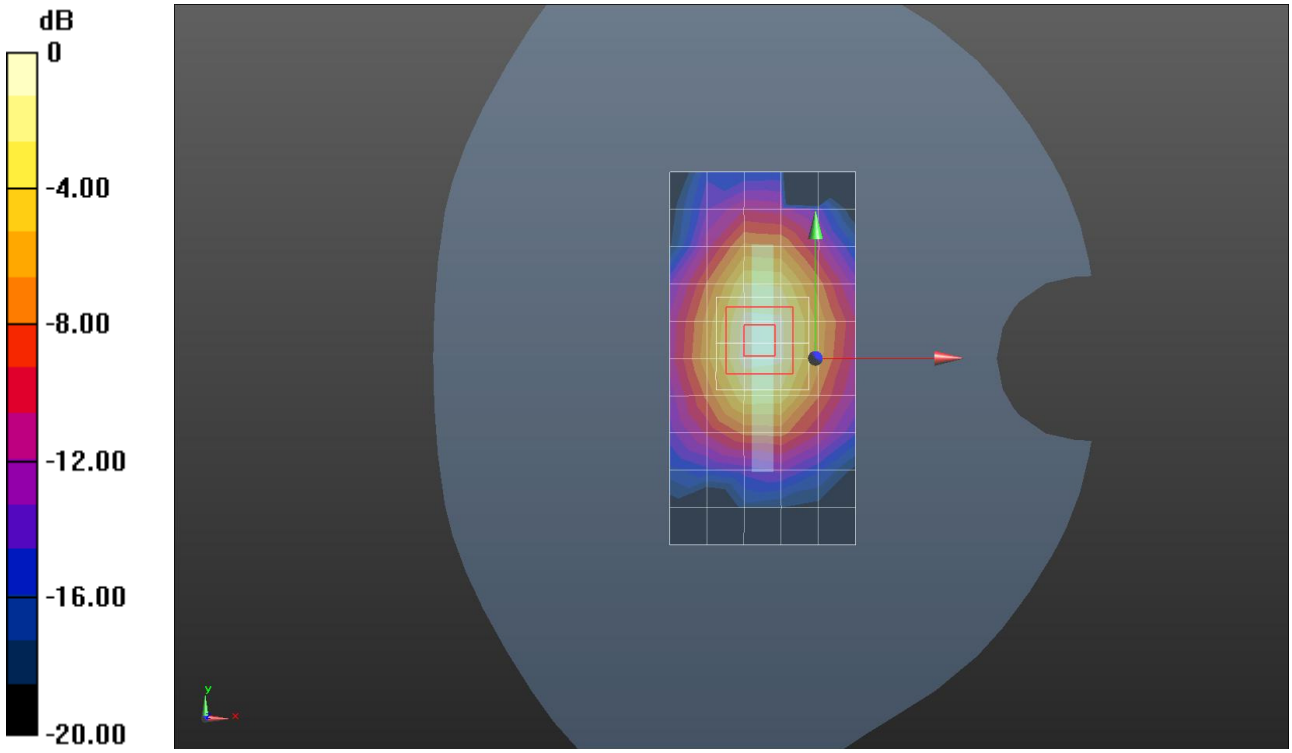
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 2412 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2412 MHz; σ = 1.914 S/m; ε_r = 52.019; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7.09, 7.09, 7.09); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Edge 1/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0618 W/kg

Body/Edge 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.142 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0730 W/kg



0 dB = 0.0730 W/kg = -11.37 dBW/kg

Date: 3/17/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 1)

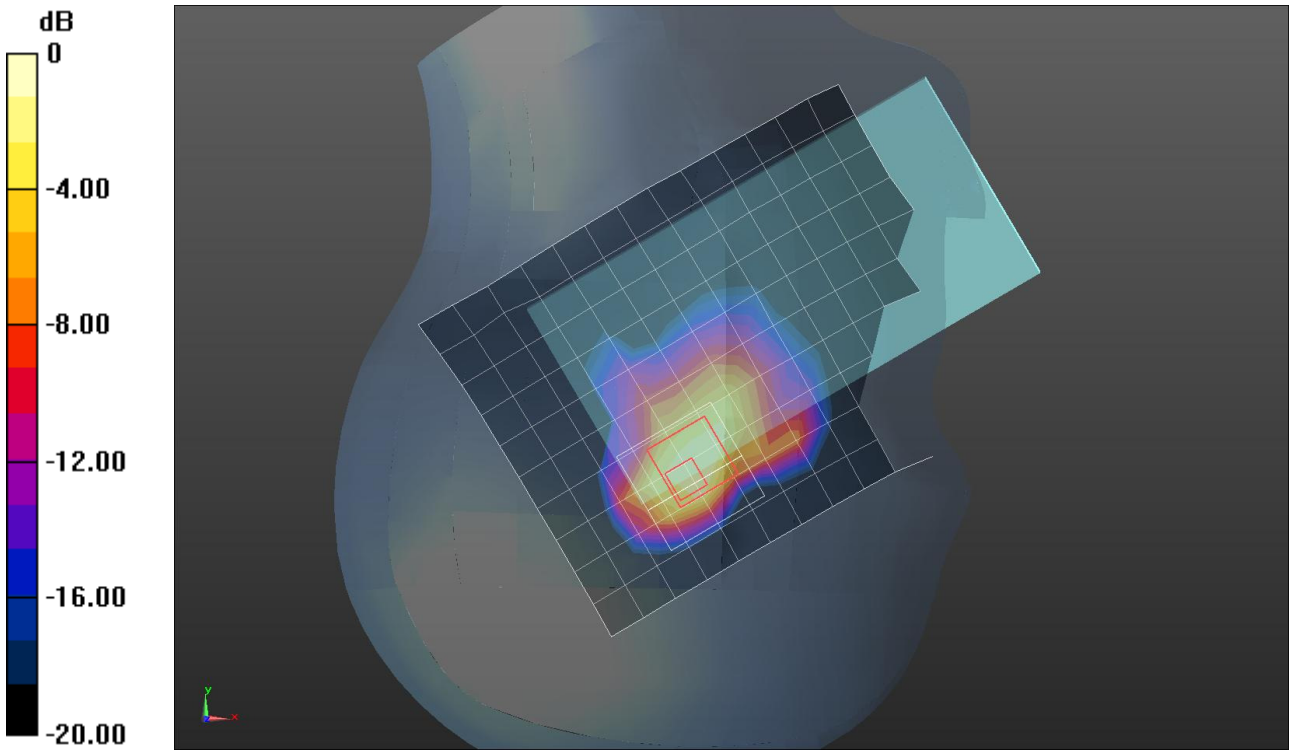
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 2412 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2412 MHz; σ = 1.817 S/m; ε_r = 38.785; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7, 7, 7); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (14x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.284 W/kg

Head/Right Touched/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.530 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.595 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

Date: 3/18/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 1)

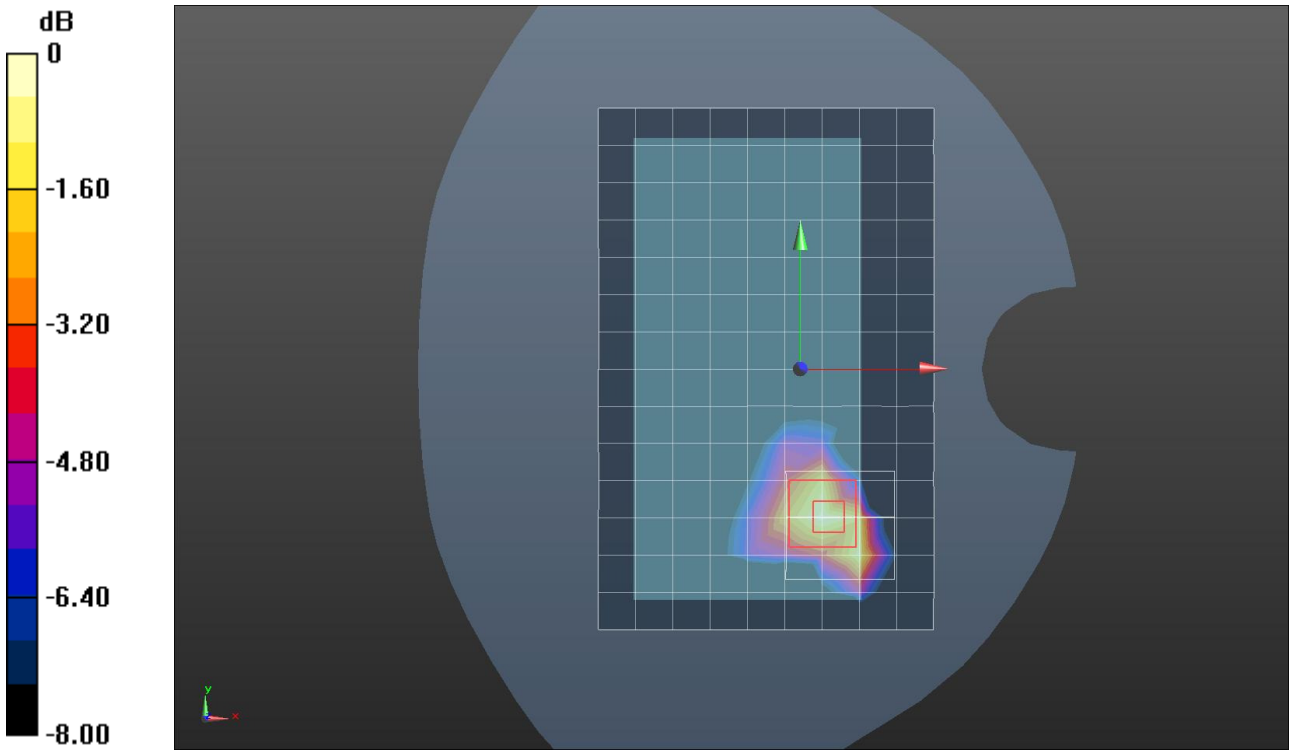
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 2412 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2412 MHz; σ = 1.914 S/m; ε_r = 52.019; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(7.09, 7.09, 7.09); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0388 W/kg

Body/Front/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.687 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0414 W/kg



0 dB = 0.0414 W/kg = -13.83 dBW/kg

Date: 3/22/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

62ch / 802.11n HT40 MCS0 (ANT 0)

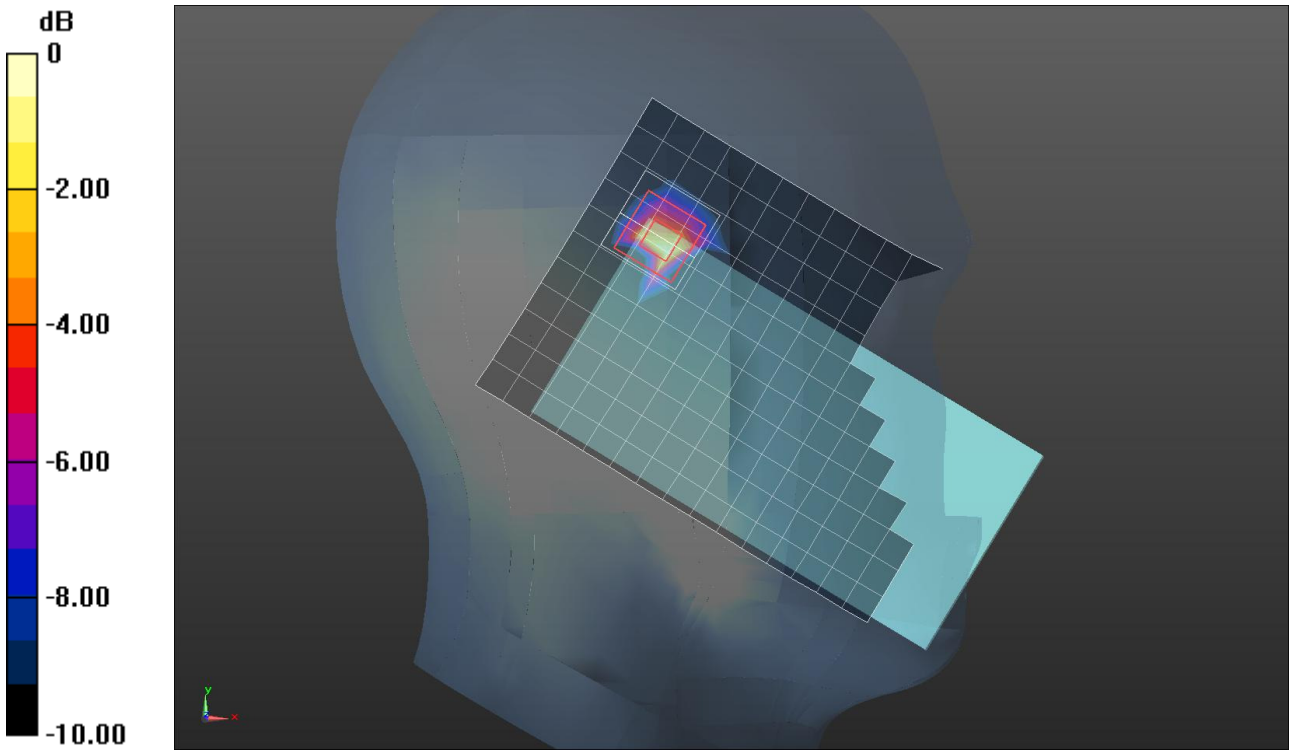
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 5310 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5310 MHz; σ = 4.652 S/m; ε_r = 35.186; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(5.16, 5.16, 5.16); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (16x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.177 W/kg

Head/Left Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.419 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.187 W/kg = -7.28 dBW/kg

Date: 3/21/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

62ch / 802.11n HT40 MCS0 (ANT 0)

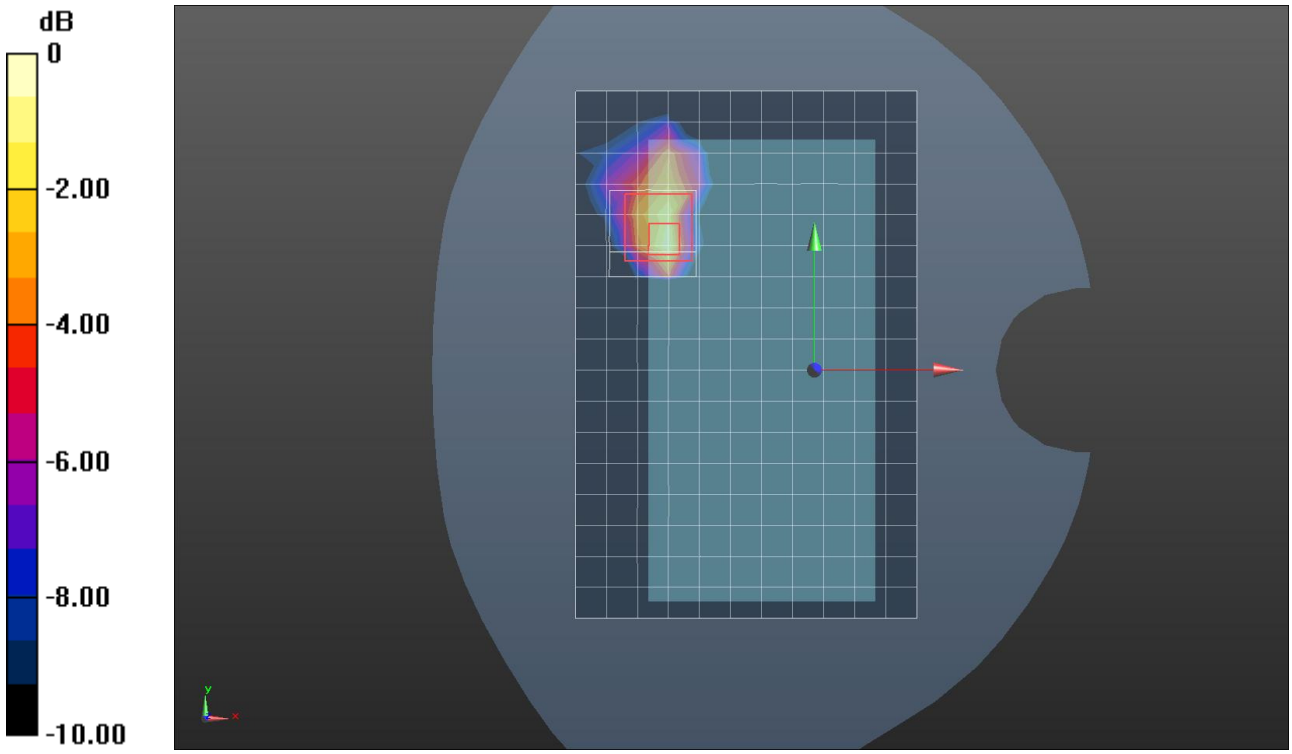
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 5310 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5310 MHz; σ = 5.599 S/m; ε_r = 46.906; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(4.34, 4.34, 4.34); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.128 W/kg

Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.301 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

Date: 3/22/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

62ch / 802.11n HT40 MCS0 (ANT 1)

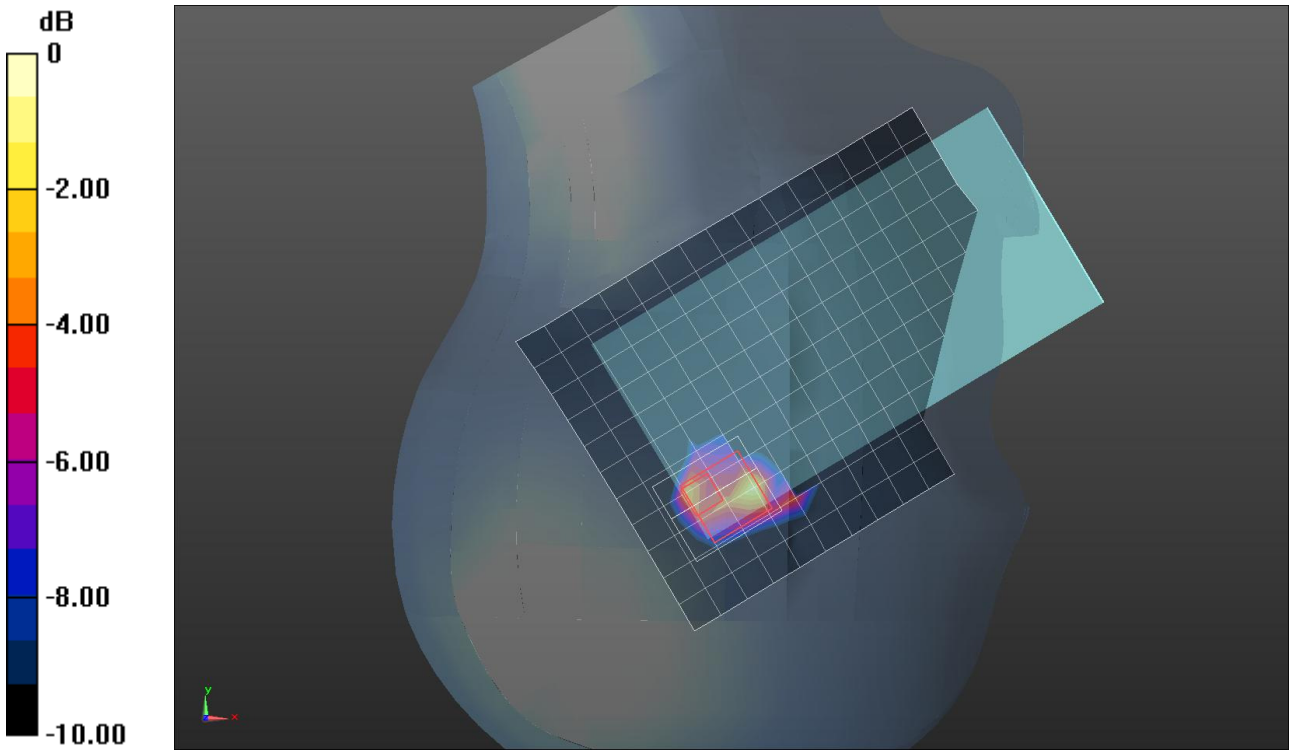
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 5310 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5310 MHz; σ = 4.652 S/m; ε_r = 35.186; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(5.16, 5.16, 5.16); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (16x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.146 W/kg

Head/Right Touched/Zoom Scan (9x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9650 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg

Date: 3/21/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

62ch / 802.11n HT40 MCS0 (ANT 1)

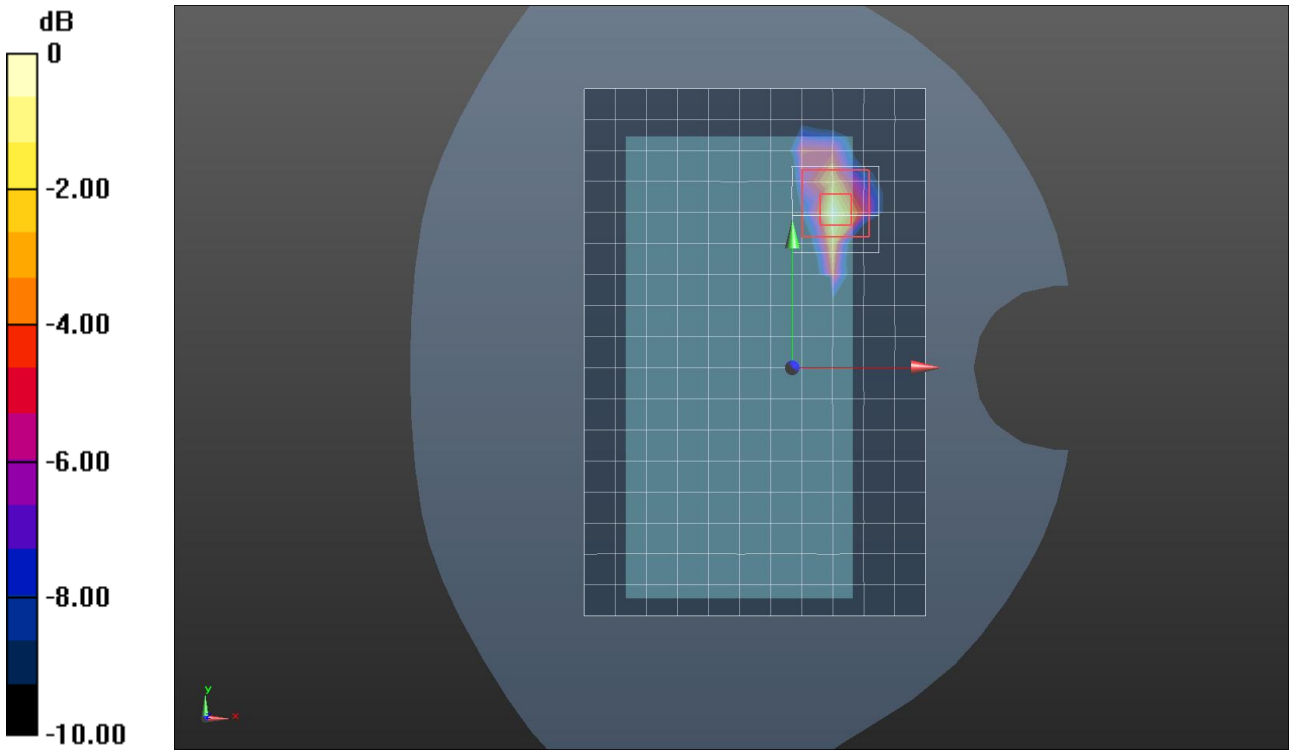
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 5310 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5310 MHz; σ = 5.599 S/m; ε_r = 46.906; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(4.34, 4.34, 4.34); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.104 W/kg

Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.522 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 dBW/kg

Date: 3/23/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

102ch / 802.11n HT40 MCS0 (ANT 0)

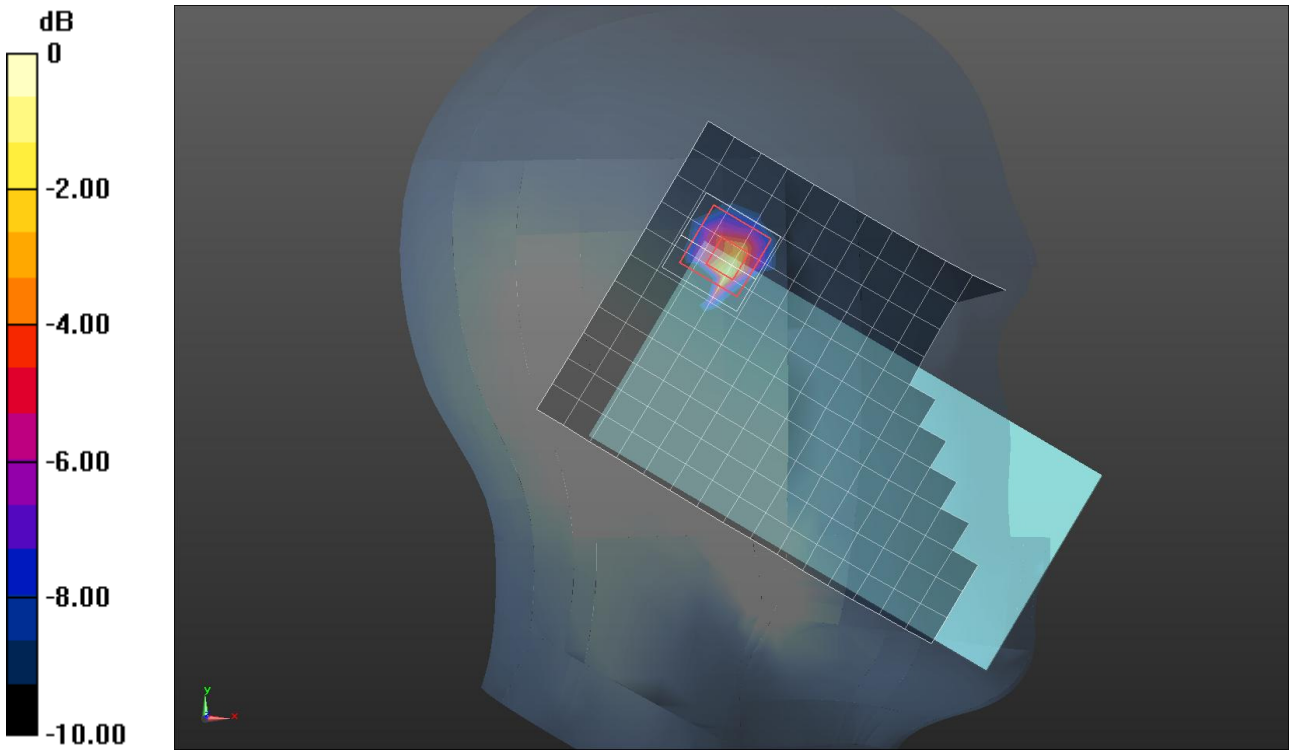
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 5510 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5510 MHz; σ = 4.845 S/m; ε_r = 34.874; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(4.45, 4.45, 4.45); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Left Touched/Area Scan (16x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.149 W/kg

Head/Left Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.800 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

Date: 3/21/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

102ch / 802.11n HT40 MCS0 (ANT 0)

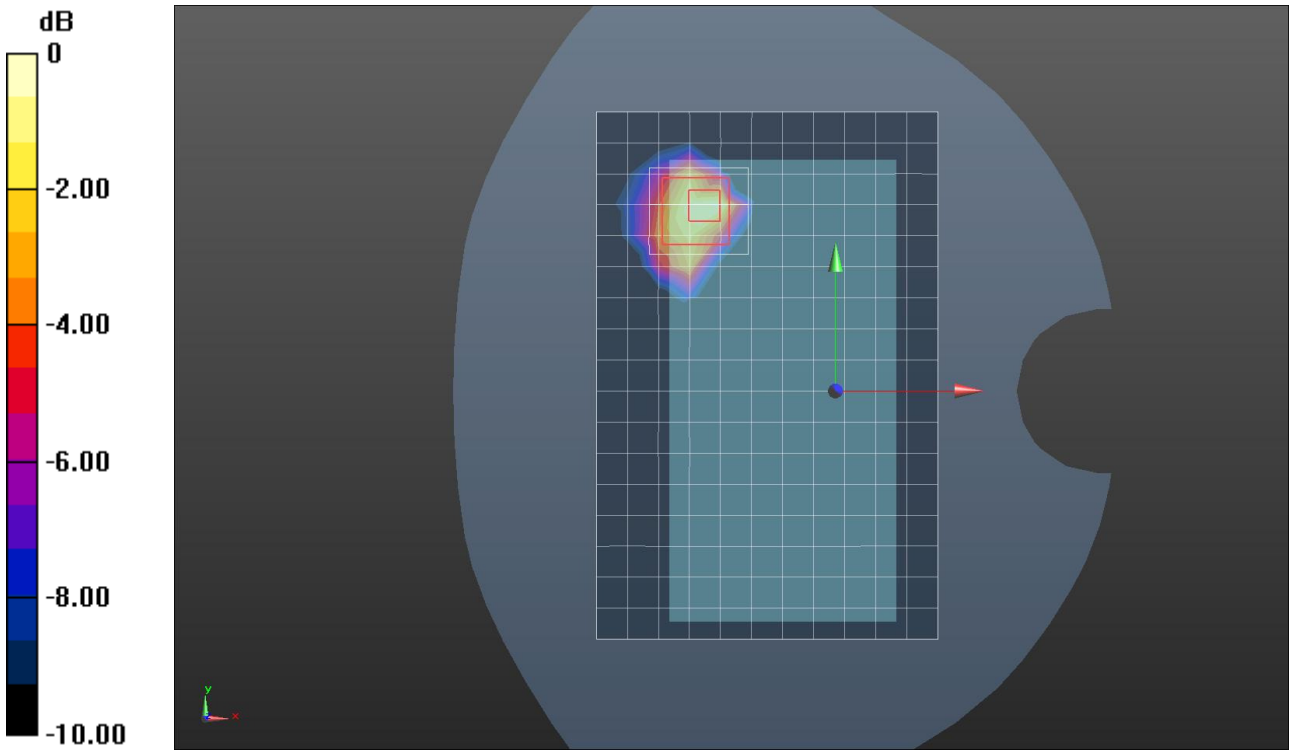
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 5510 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5510 MHz; σ = 5.866 S/m; ε_r = 46.546; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(3.75, 3.75, 3.75); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.158 W/kg

Body/Rear/Zoom Scan (9x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.606 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

Date: 3/23/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

102ch / 802.11n HT40 MCS0 (ANT 1)

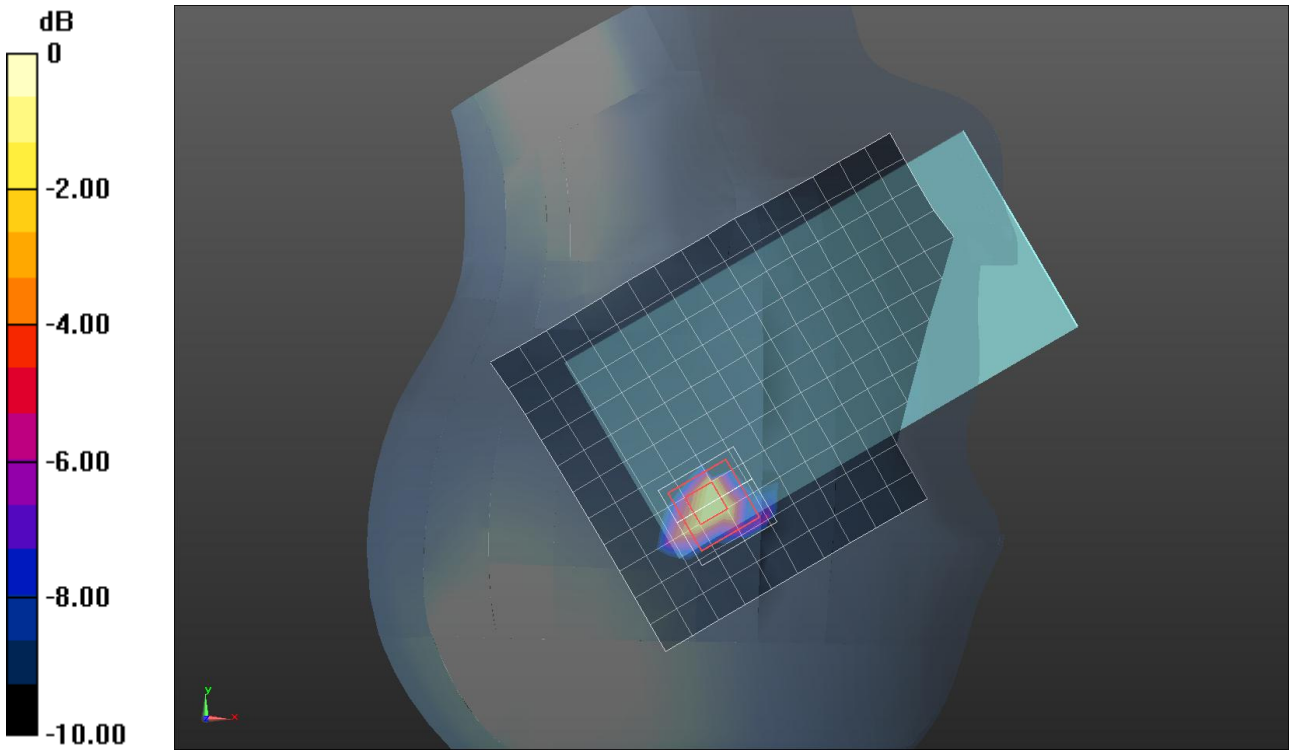
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 5510 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5510 MHz; σ = 4.845 S/m; ε_r = 34.874; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(4.45, 4.45, 4.45); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Right Touched/Area Scan (16x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0973 W/kg

Head/Right Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.008 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg = -8.54 dBW/kg

Date: 3/21/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

102ch / 802.11n HT40 MCS0 (ANT 1)

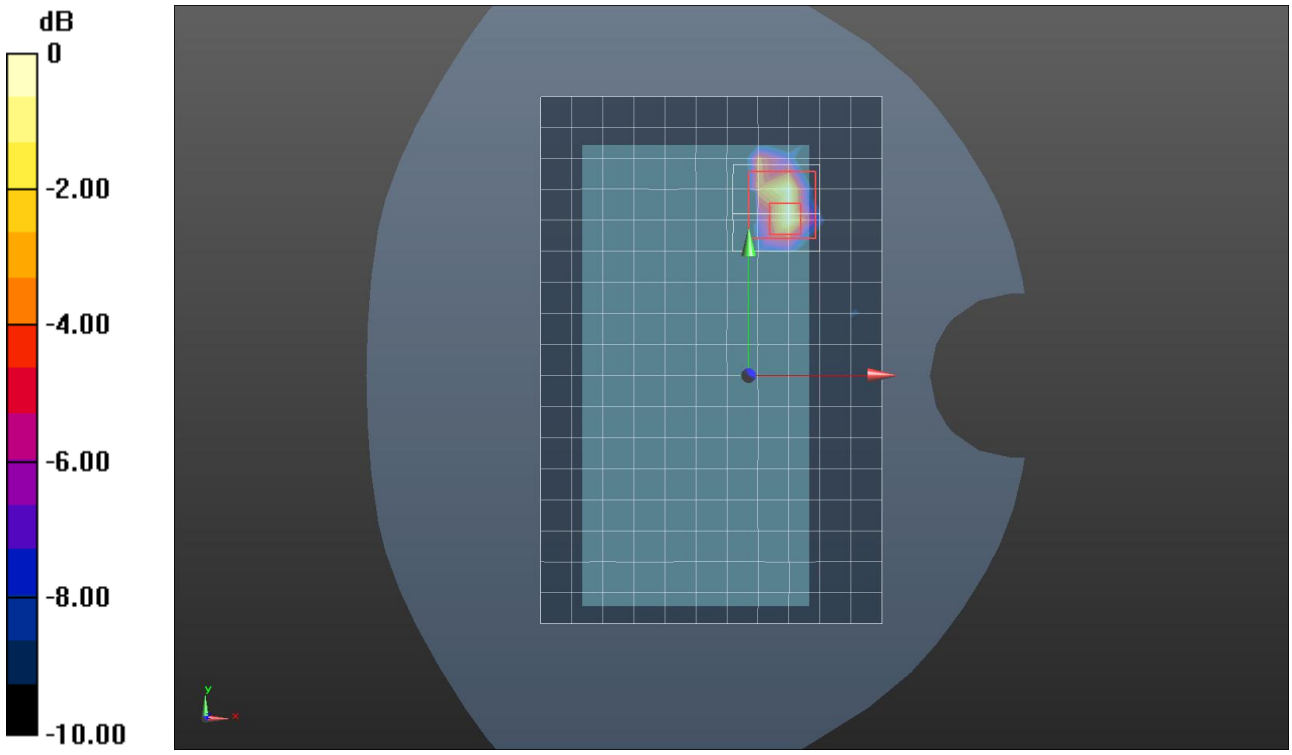
DUT: Smart Phone; Type: SH-04H; Serial: 004401115691038

Frequency: 5510 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5510 MHz; σ = 5.866 S/m; ε_r = 46.546; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: EX3DV4 - SN7321; ConvF(3.75, 3.75, 3.75); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0473 W/kg

Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.773 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.00653 W/kg
Maximum value of SAR (measured) = 0.0511 W/kg



0 dB = 0.0511 W/kg = -12.92 dBW/kg