Appendix 2 – Highest SAR Test Plots

Date: 3/31/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

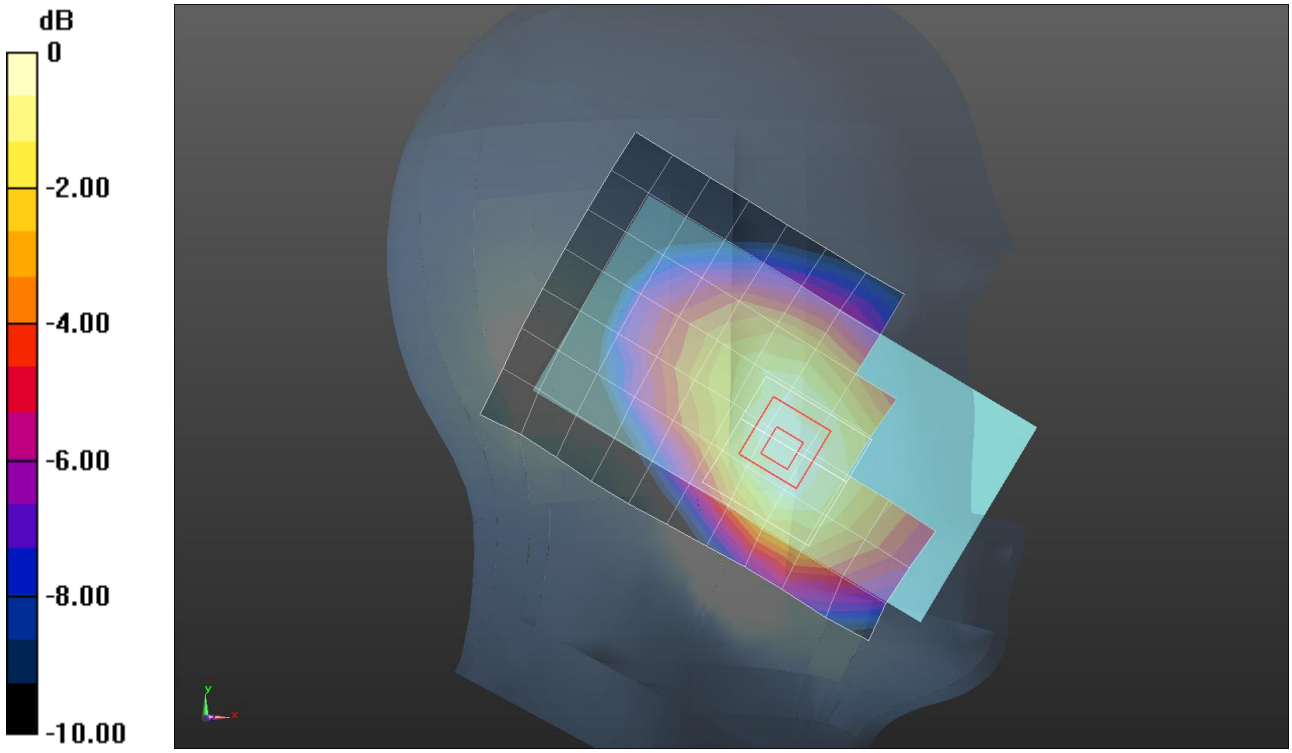
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 0.923 S/m; ε_r = 41.617; 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) = 0.427 W/kg

Head/Left Touched/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.01 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.533 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.316 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.446 W/kg = -3.51 dBW/kg

Date: 3/30/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

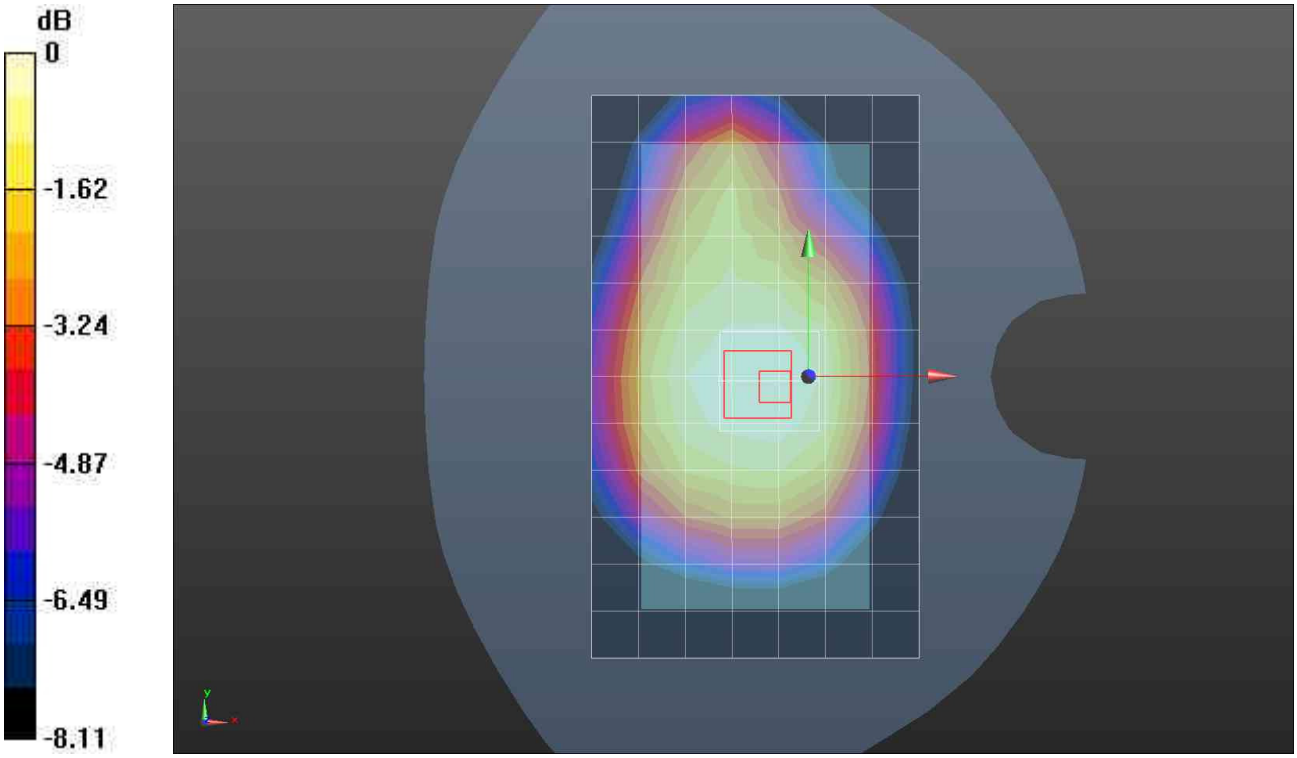
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 1.004 S/m; ε_r = 54.958; 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/Front/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.465 W/kg

Body/Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.33 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.343 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.461 W/kg = -3.36 dBW/kg

Date: 3/30/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 1.004 S/m; ε_r = 54.958; ρ = 1000 kg/m^3

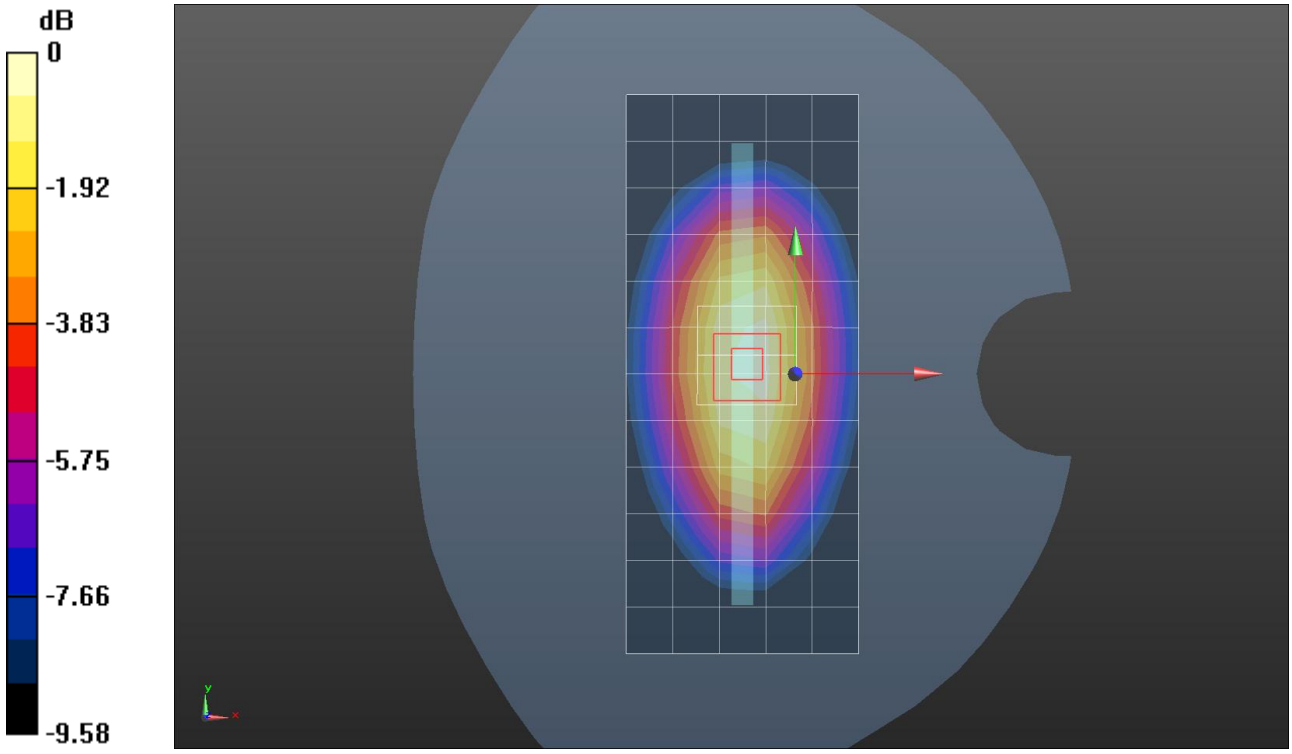
DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(6.33, 6.33, 6.33); Calibrated: 8/12/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/23/2015
- Phantom: SAM v4.0 SN1194; Type: QD000P40CA; Serial: TP 1194
- Measurement SW: DASY52, Version 52.8 (8); 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) = 0.459 W/kg

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

Reference Value = 23.00 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.648 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.319 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.501 W/kg



0 dB = 0.501 W/kg = -3.00 dBW/kg

Date: 3/30/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

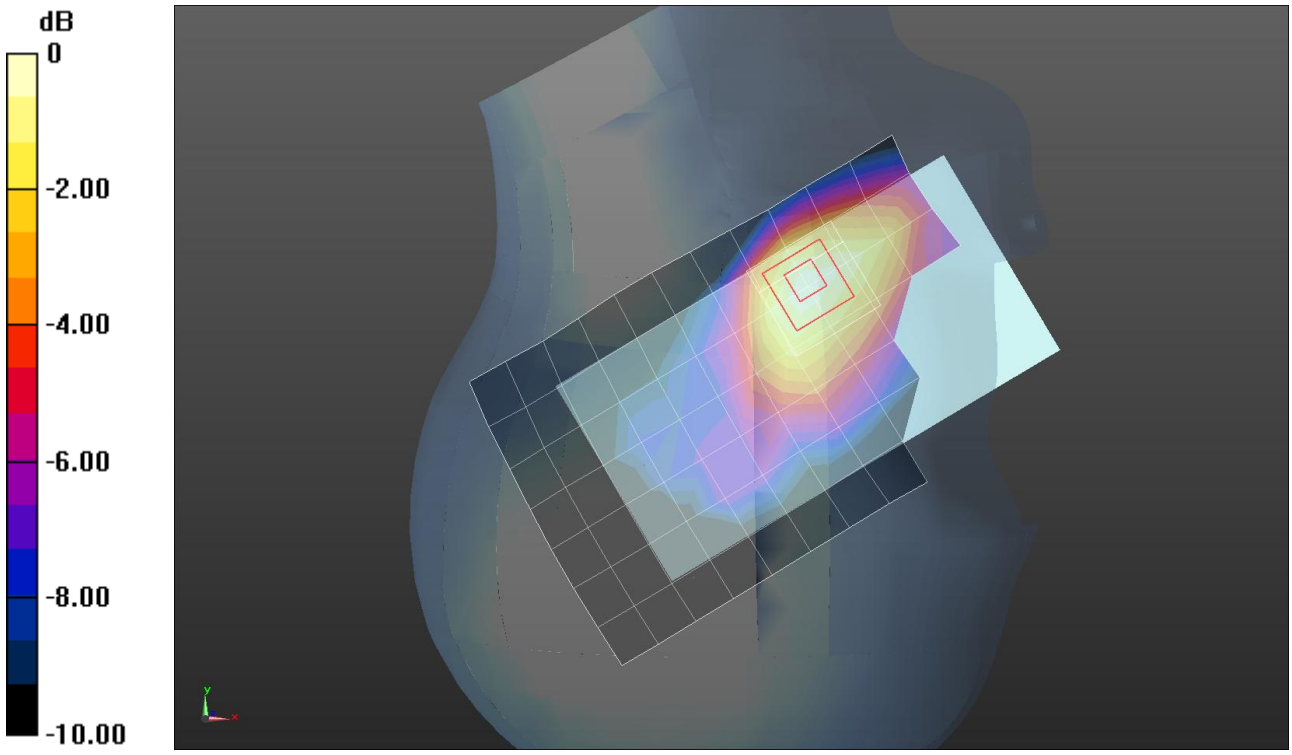
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 1.377 S/m; ε_r = 39.588; 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 (12x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.311 W/kg

Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.29 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.189 W/kg
Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg = -5.17 dBW/kg

Date: 3/28/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

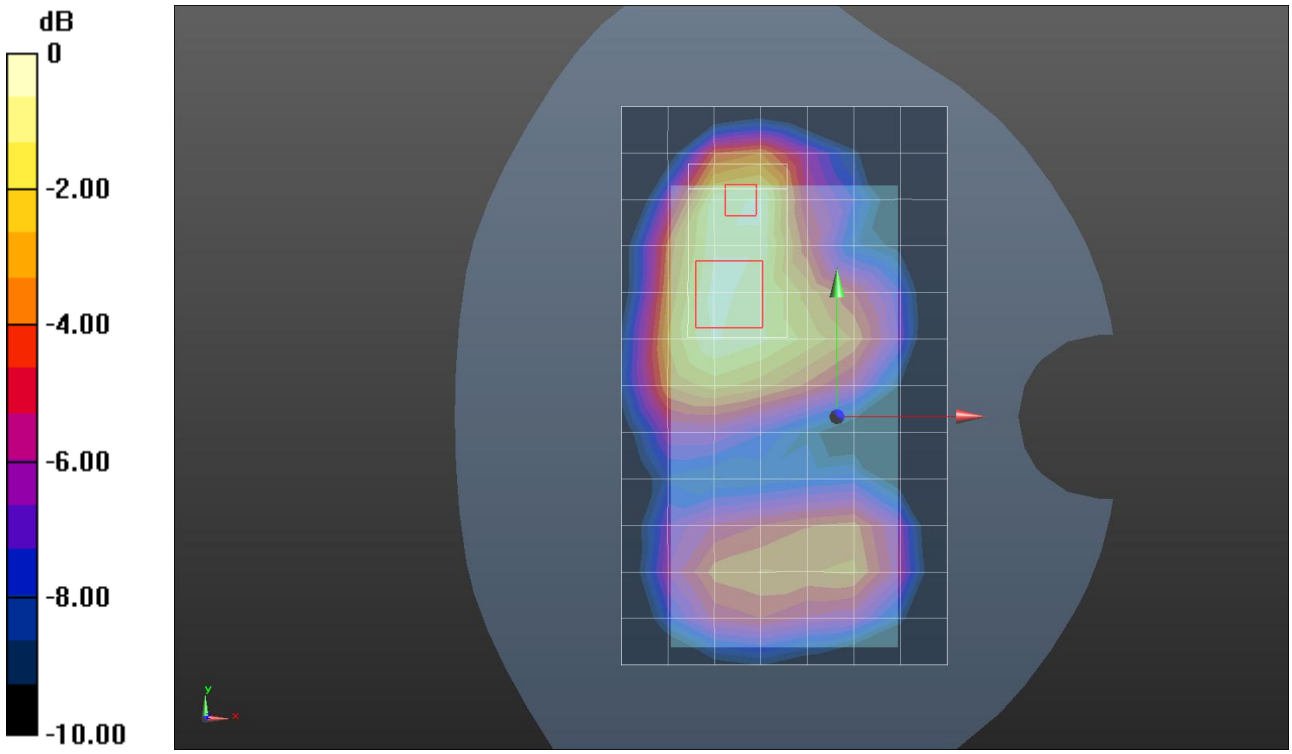
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 1.546 S/m; ε_r = 52.775; 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.304 W/kg

Body/Front/Zoom Scan (5x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.21 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg

Date: 3/29/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

9400ch / W-CDMA Band II

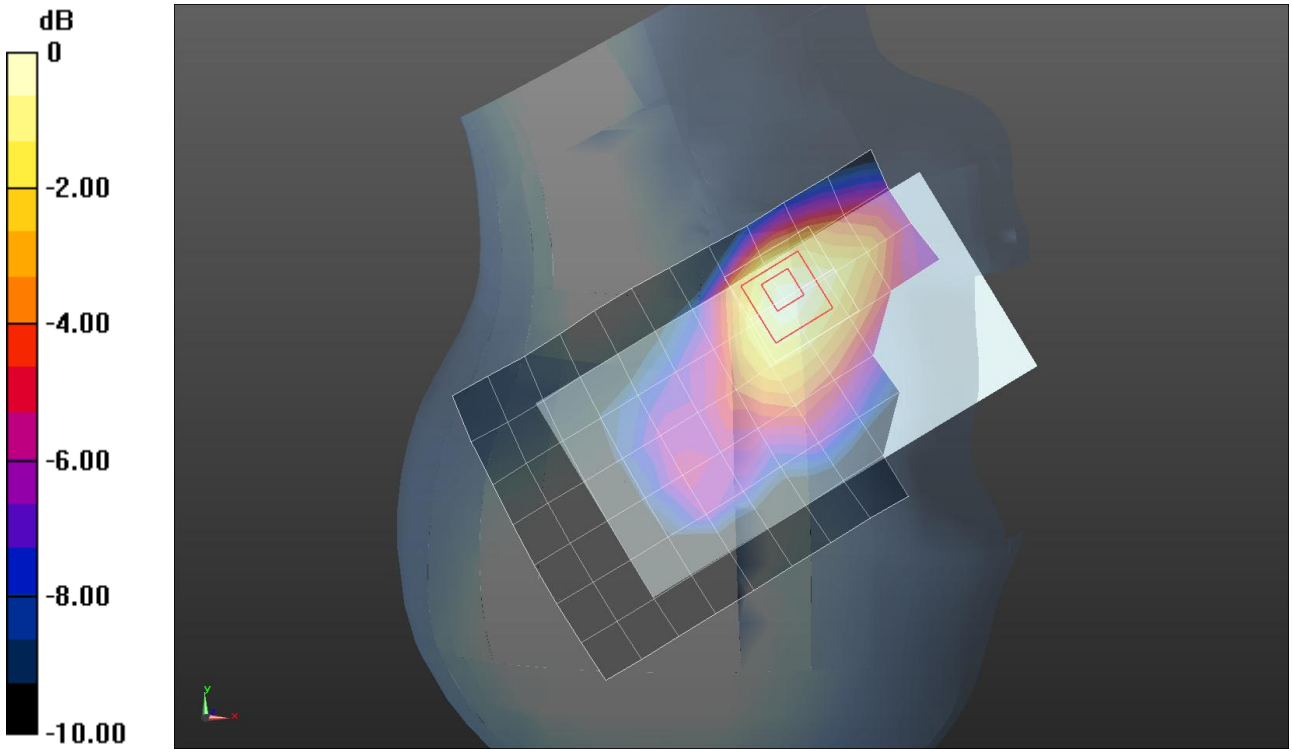
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 1880 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.849; 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 (12x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.399 W/kg

Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.64 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg = -4.08 dBW/kg

Date: 3/29/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

9400ch / W-CDMA Band II

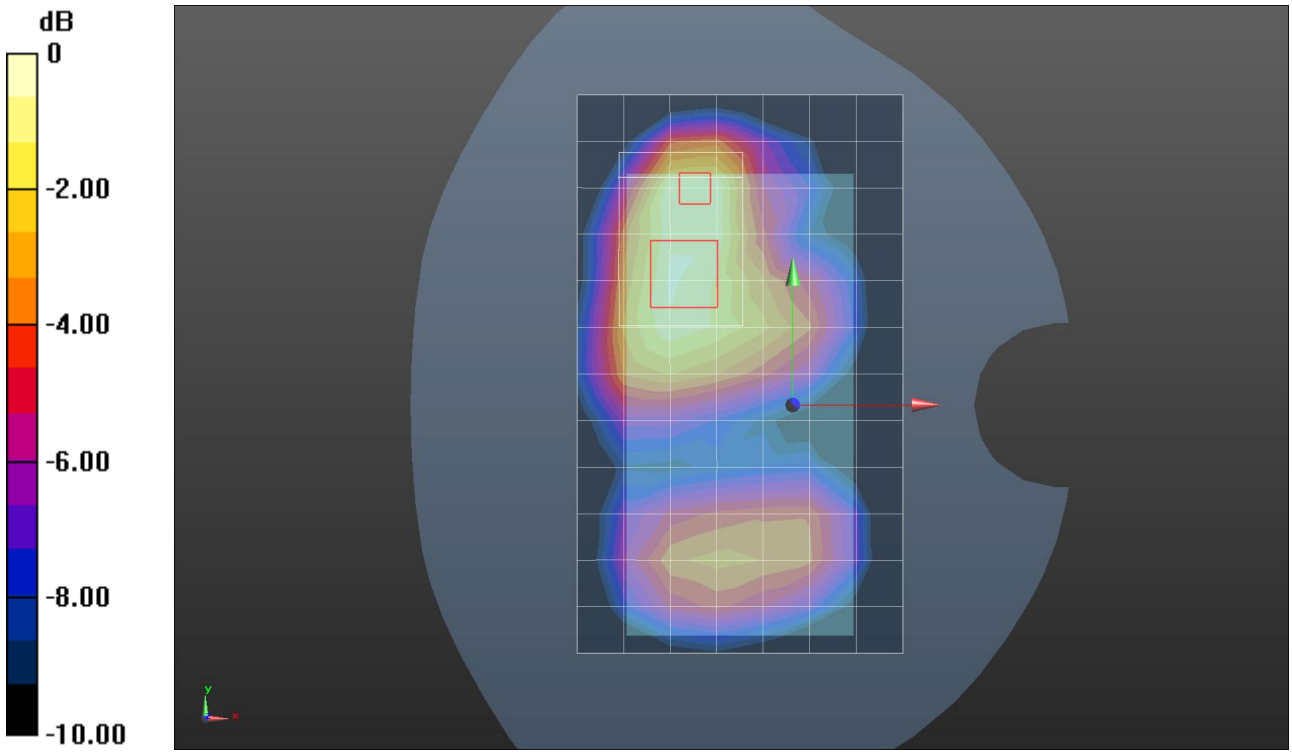
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 1880 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.548 S/m; ε_r = 52.946; 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.419 W/kg

Body/Front/Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.27 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.702 W/kg
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.469 W/kg



0 dB = 0.469 W/kg = -3.29 dBW/kg

Date: 3/19/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1413ch / W-CDMA Band IV

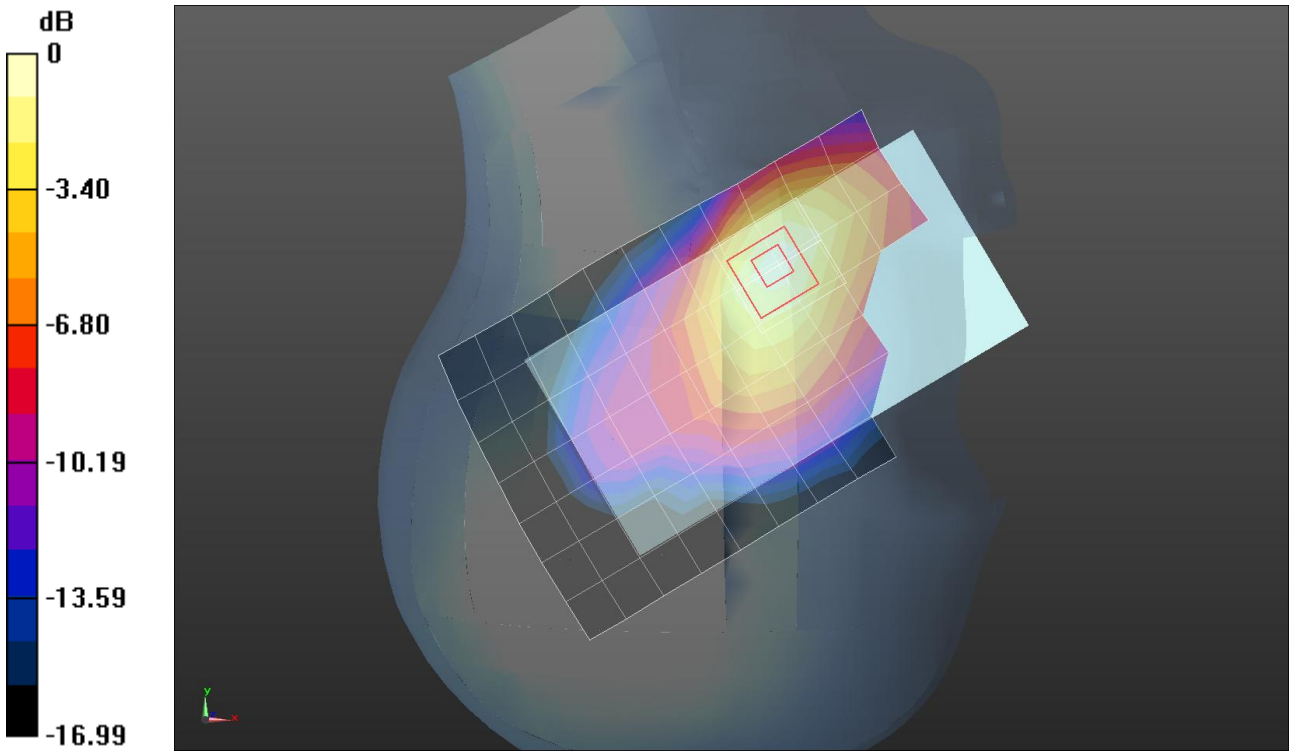
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 1732.6 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.343 S/m; ε_r = 39.236; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(5.29, 5.29, 5.29); 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 (12x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.371 W/kg

Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.03 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.207 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

Date: 3/20/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1413ch / W-CDMA Band IV

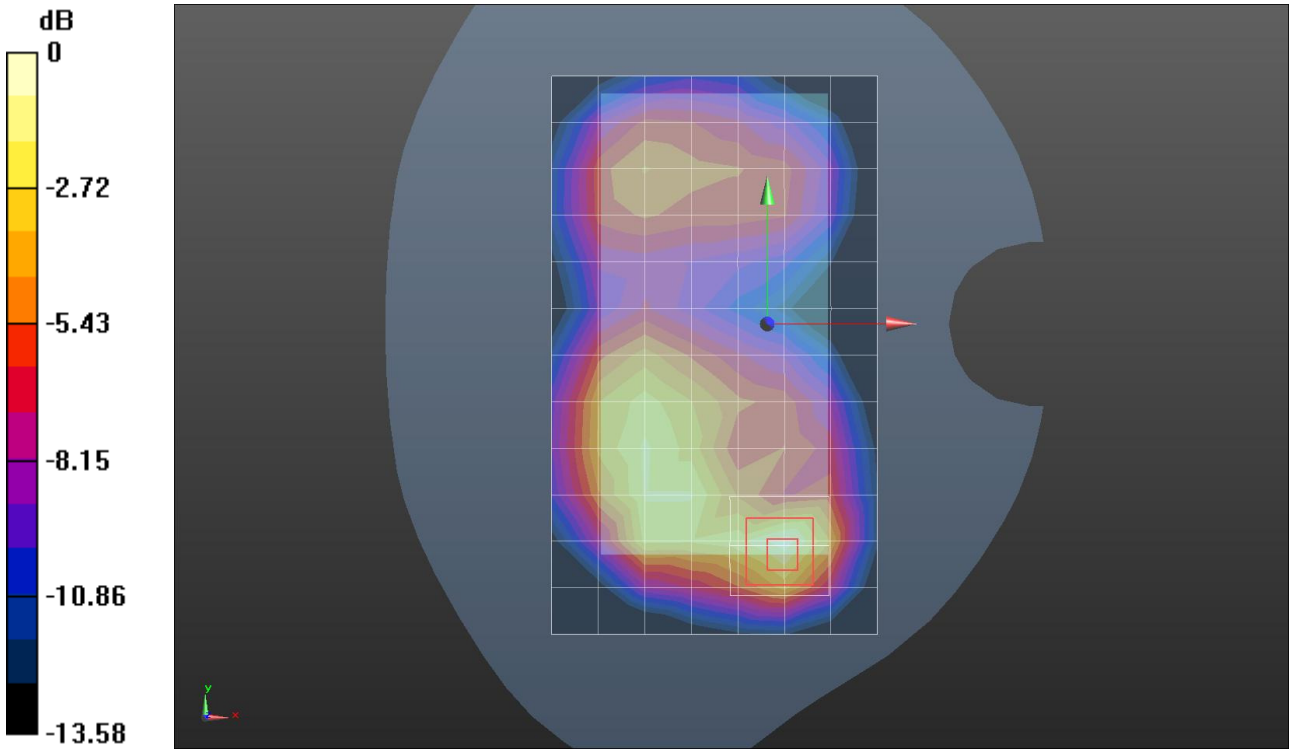
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 1732.6 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.469 S/m; ε_r = 52.914; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(4.79, 4.79, 4.79); 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) = 0.474 W/kg

Body/Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.32 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.235 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

Date: 3/29/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

18900ch / LTE Band 2 - QPSK 20MHz BW, RB #1/0

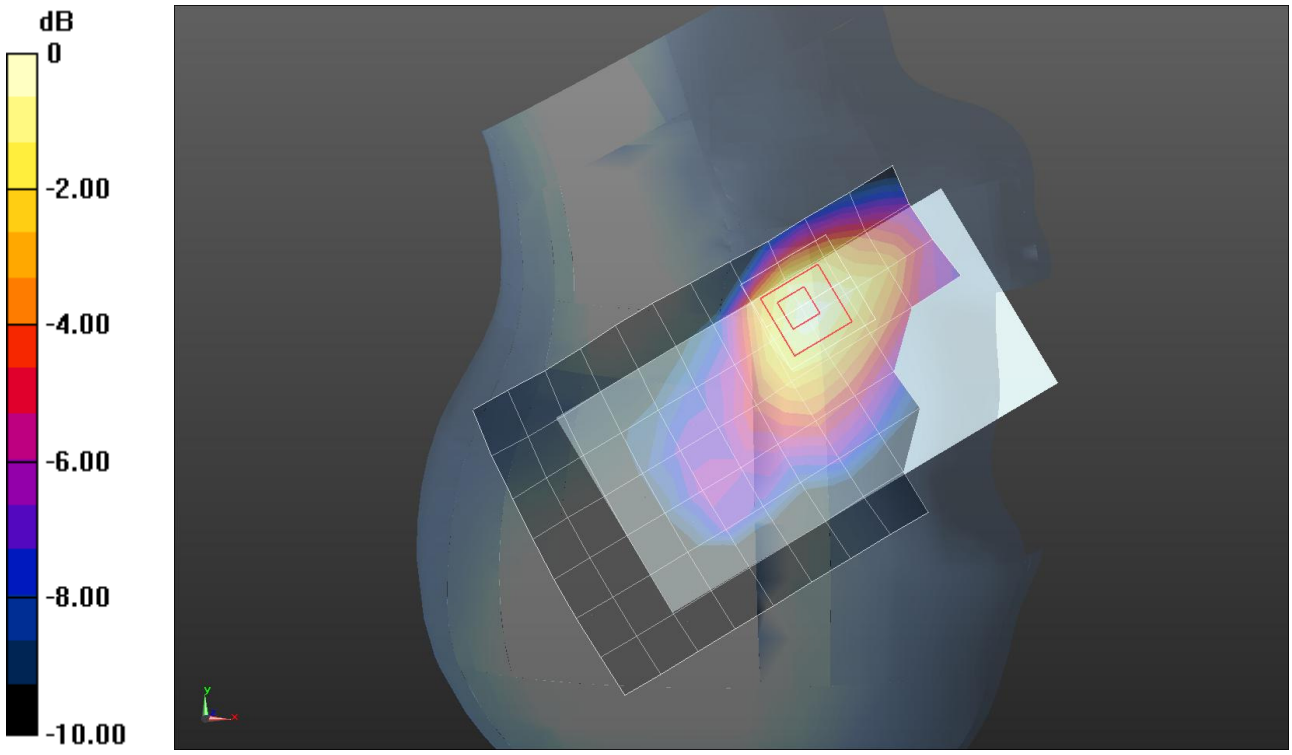
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 1880 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.849; 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 (12x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.384 W/kg

Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.69 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.500 W/kg
SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

Date: 3/28/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

18900ch / LTE Band 2 - QPSK 20MHz BW, RB #1/0

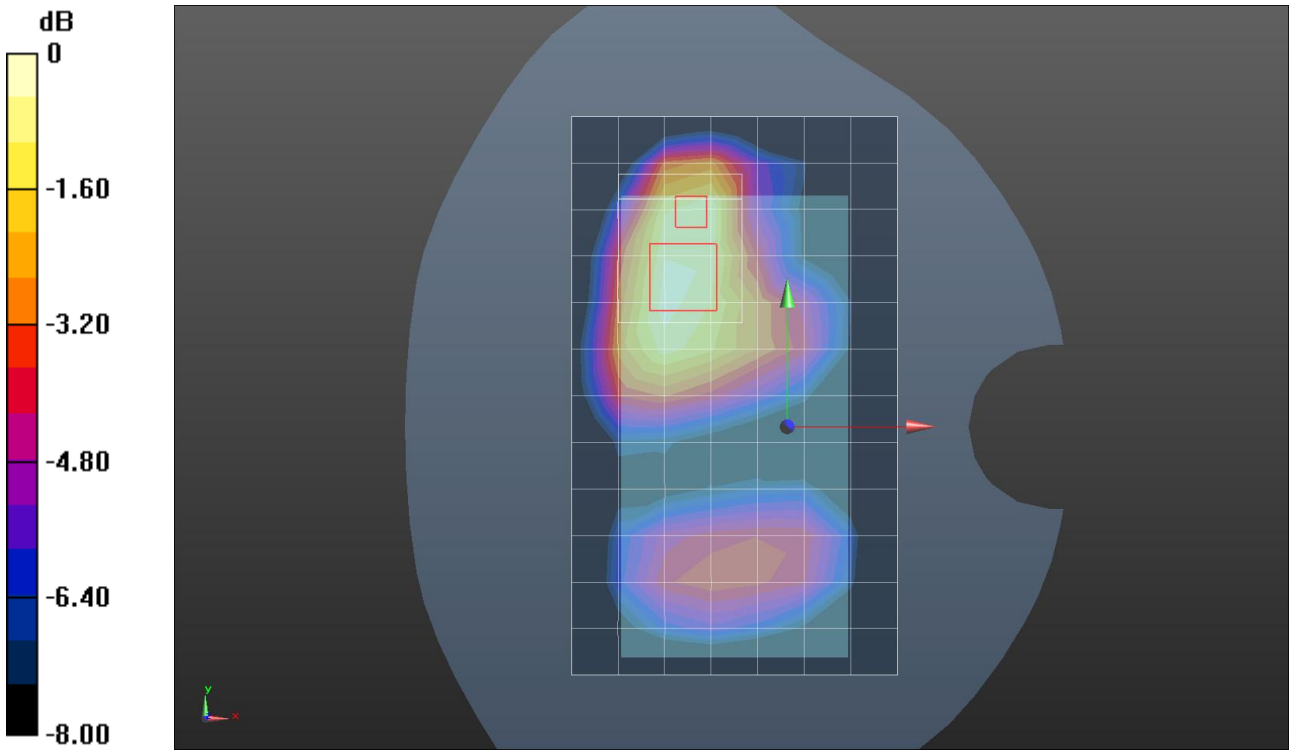
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 1880 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.546 S/m; ε_r = 52.775; 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.412 W/kg

Body/Front/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.48 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.623 W/kg
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.260 W/kg
Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.433 W/kg = -3.64 dBW/kg

Date: 3/19/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

20175ch / LTE Band 4 - QPSK 20MHz BW, RB #1/99

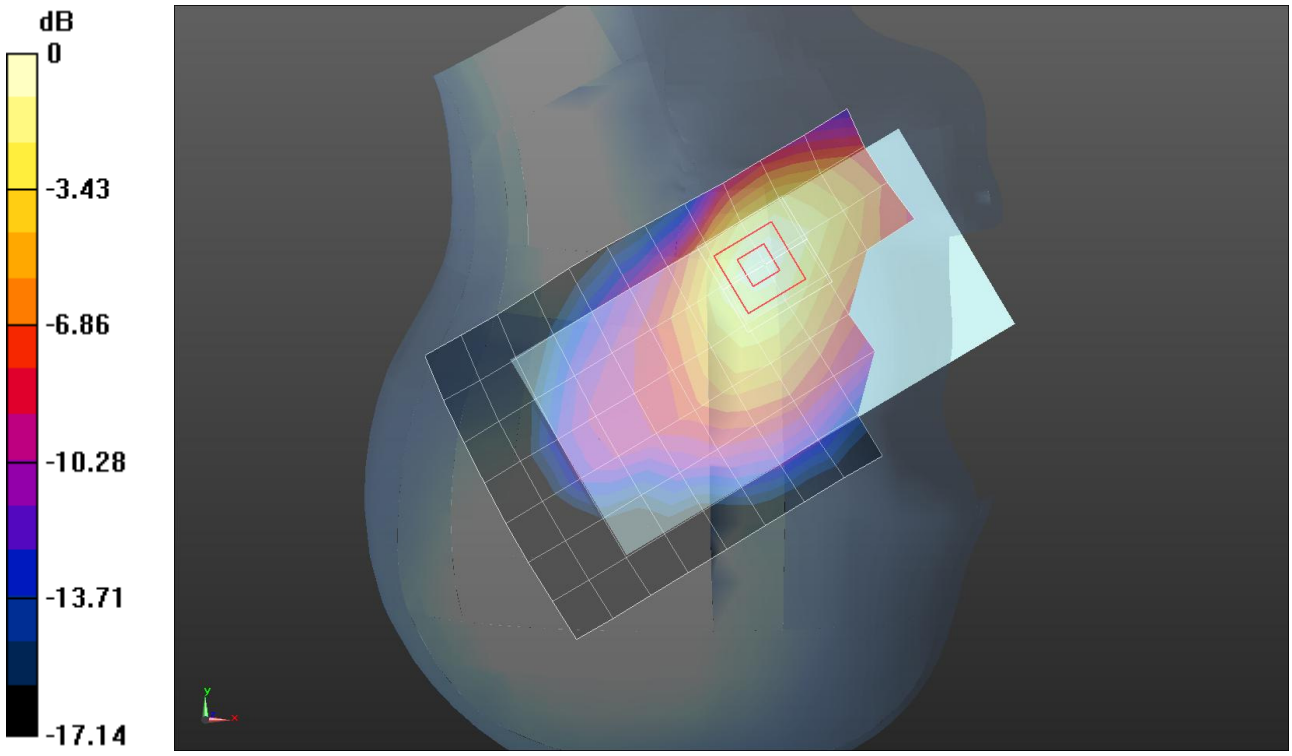
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 1732.5 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.343 S/m; ε_r = 39.236; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(5.29, 5.29, 5.29); 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 (12x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.390 W/kg

Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.30 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.215 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg

Date: 3/20/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

20175ch / LTE Band 4 - QPSK 20MHz BW, RB #1/99

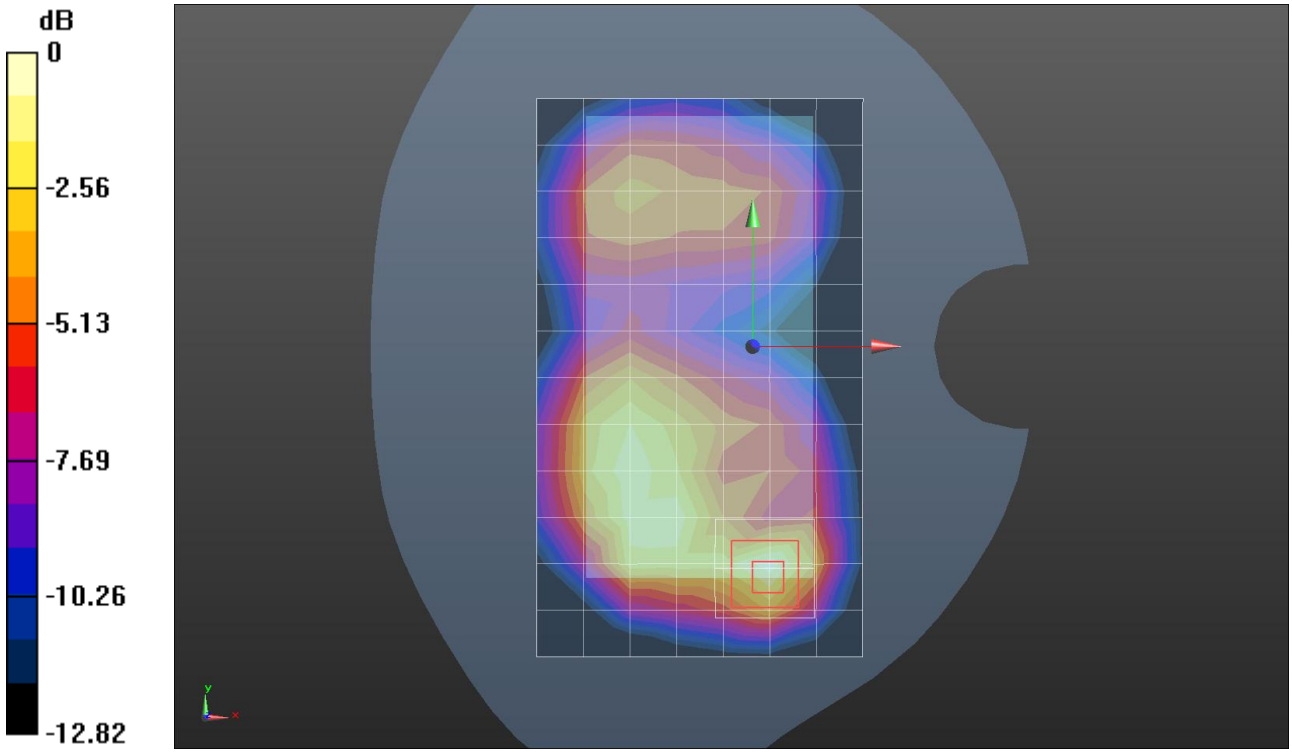
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 1732.5 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.469 S/m; ε_r = 52.914; ρ = 1000 kg/m^3

DASY5 Configuration:
- Probe: ET3DV6 - SN1679; ConvF(4.79, 4.79, 4.79); 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) = 0.436 W/kg

Body/Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.213 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

Date: 4/4/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 0)

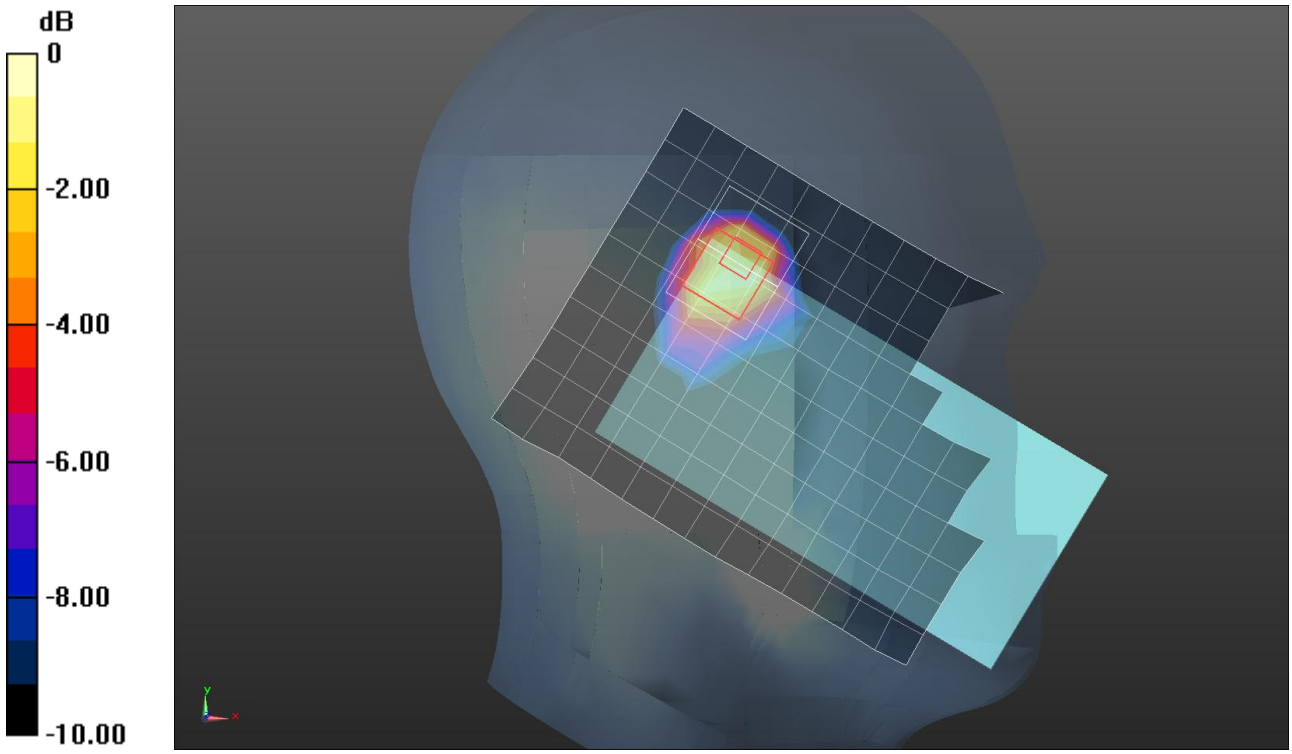
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 1.803 S/m; ε_r = 38.236; 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) = 0.318 W/kg

Head/Left Touched/Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.769 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.627 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg = -4.08 dBW/kg

Date: 3/31/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 0)

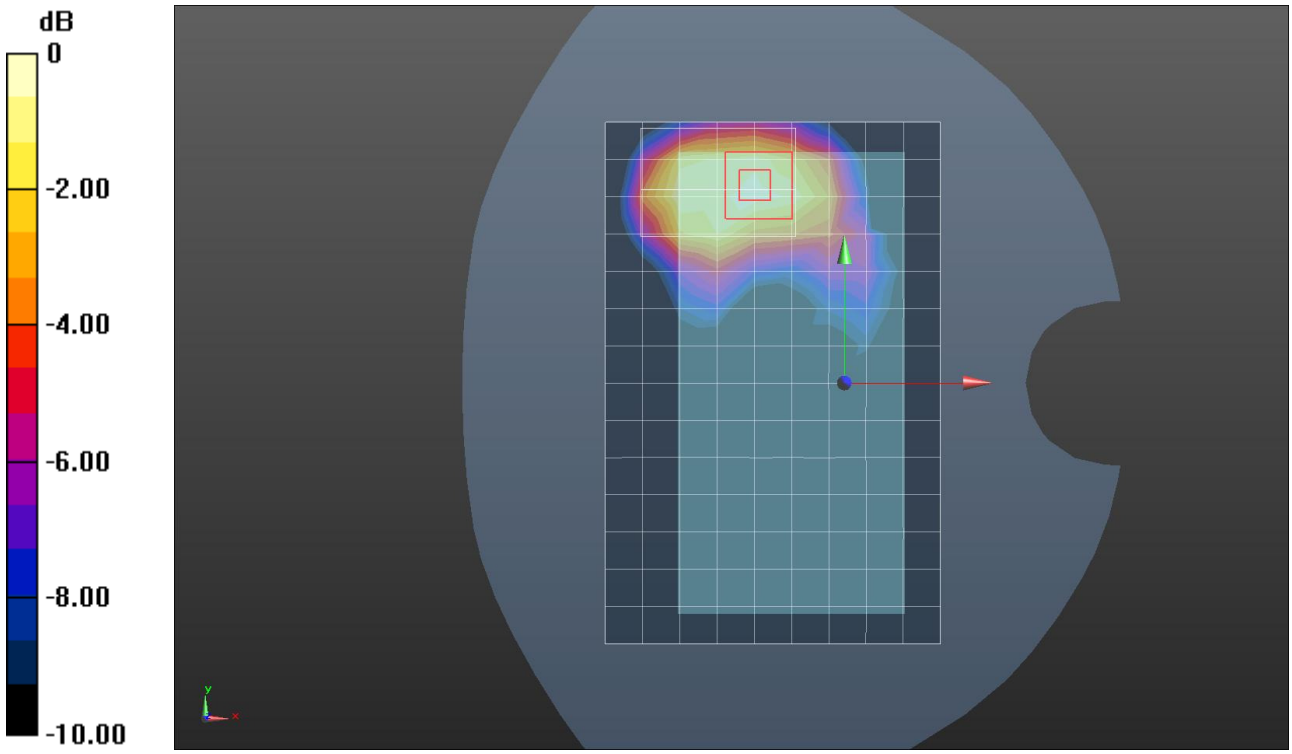
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 1.97 S/m; ε_r = 52.196; 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/Rear/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0642 W/kg

Body/Rear/Zoom Scan (11x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.326 V/m; Power Drift = -0.16 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) = 0.0680 W/kg



0 dB = 0.0680 W/kg = -11.67 dBW/kg

Date: 3/31/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 0)

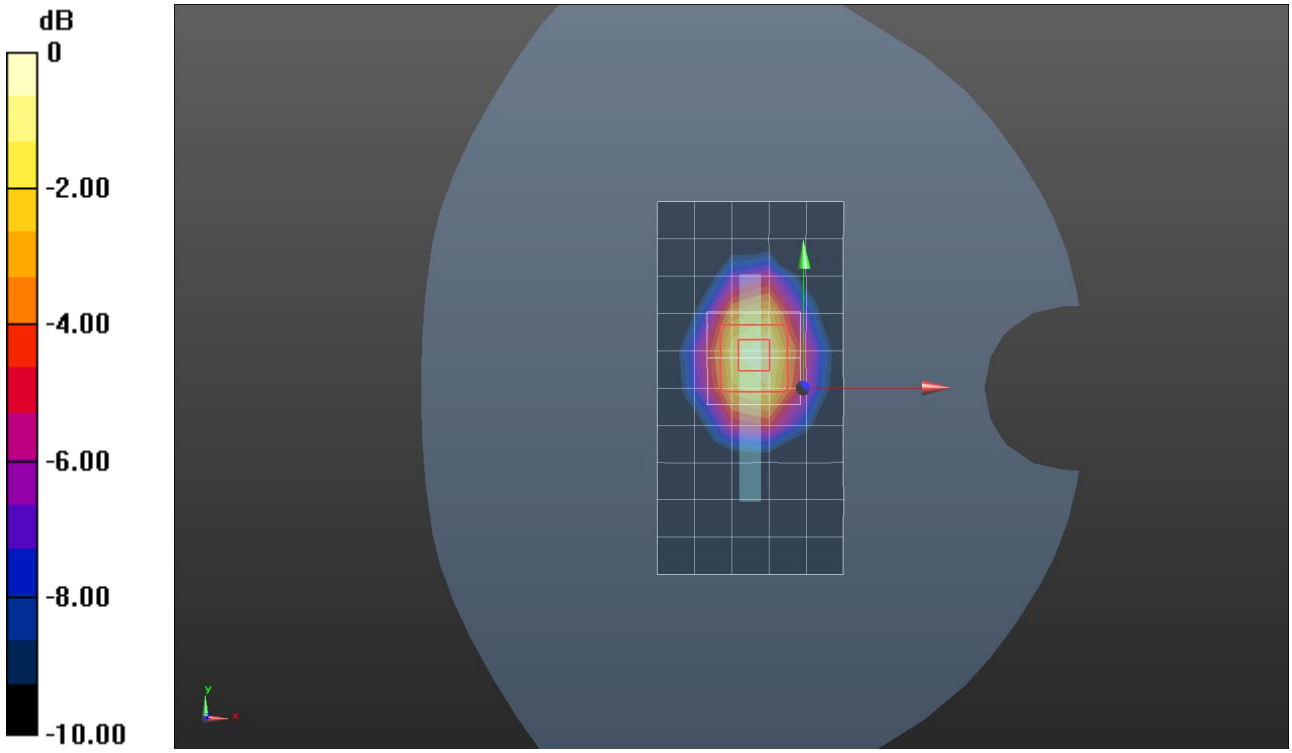
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 1.97 S/m; ε_r = 52.196; 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) = 0.0900 W/kg

Body/Edge 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.690 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

Date: 4/4/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 1)

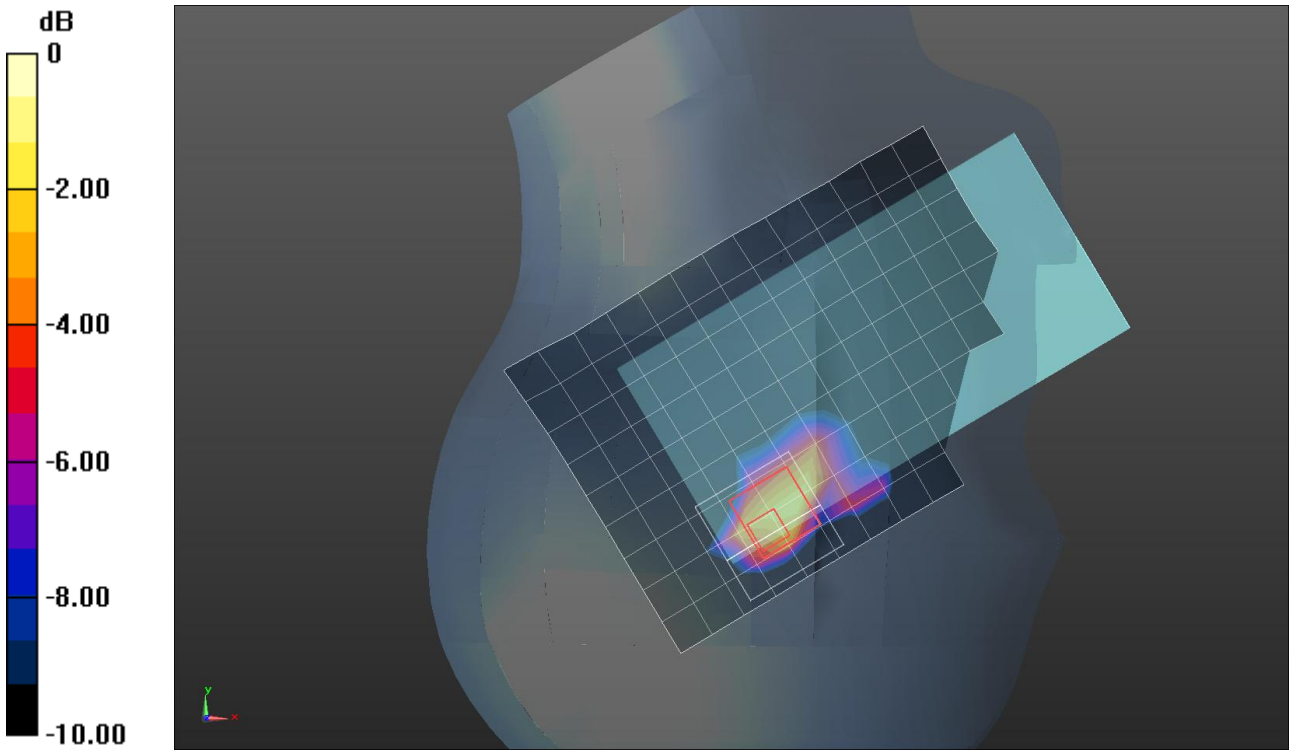
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 2437 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2437 MHz; σ = 1.831 S/m; ε_r = 38.13; 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 (14x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.207 W/kg

Head/Right Touched/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.810 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.419 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

Date: 4/1/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 1)

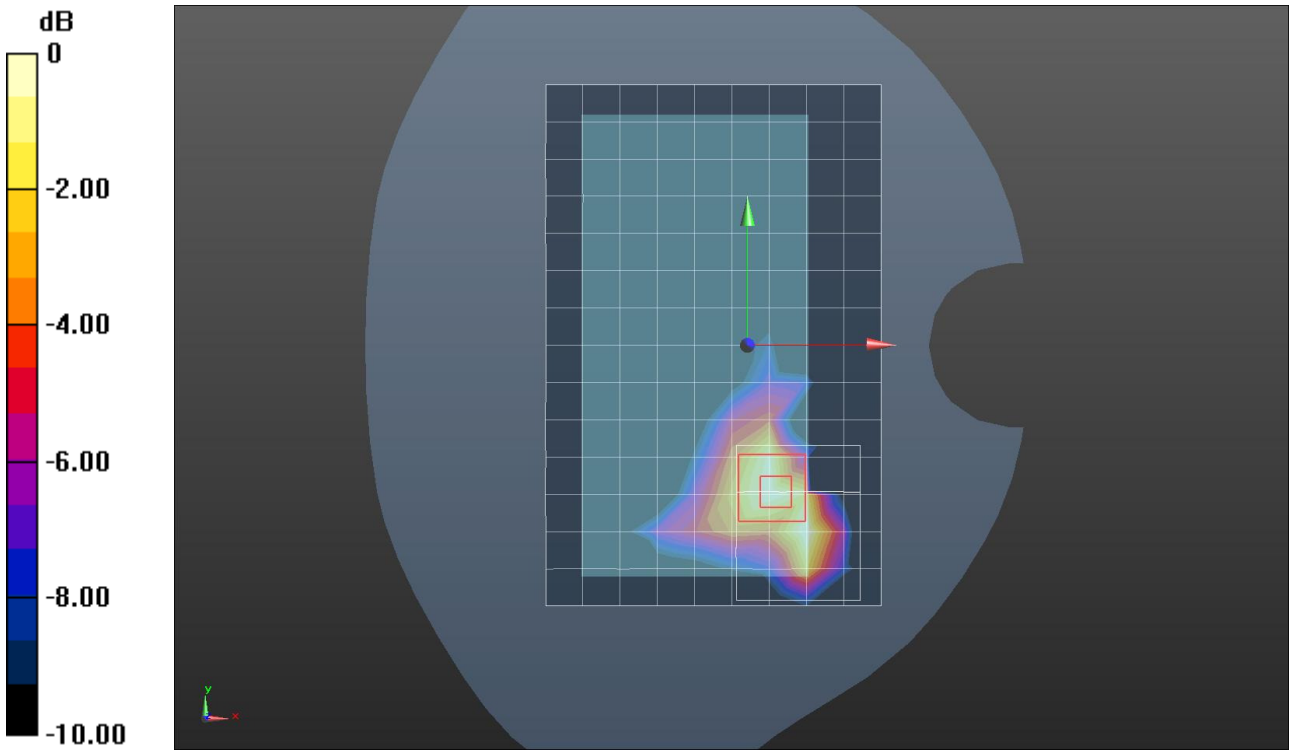
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 2437 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2437 MHz; σ = 1.914 S/m; ε_r = 51.868; 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) = 0.0244 W/kg

Body/Front/Zoom Scan (9x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.192 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0310 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00784 W/kg
Maximum value of SAR (measured) = 0.0231 W/kg



0 dB = 0.0231 W/kg = -16.36 dBW/kg

Date: 4/9/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

62ch / 802.11n HT40 MCS0 (ANT 0)

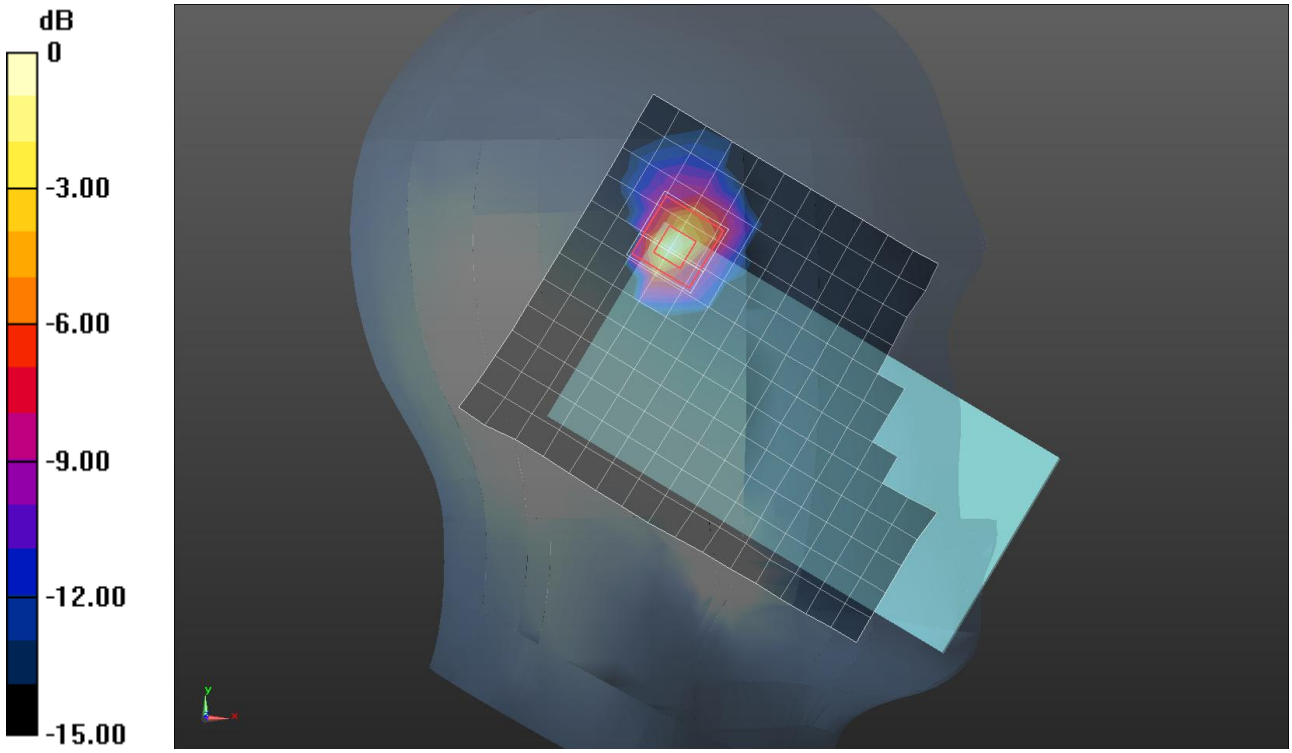
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 4.665 S/m; ε_r = 36.031; 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 (16x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.209 W/kg

Head/Left Touched/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.048 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

Date: 4/5/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

62ch / 802.11n HT40 MCS0 (ANT 0)

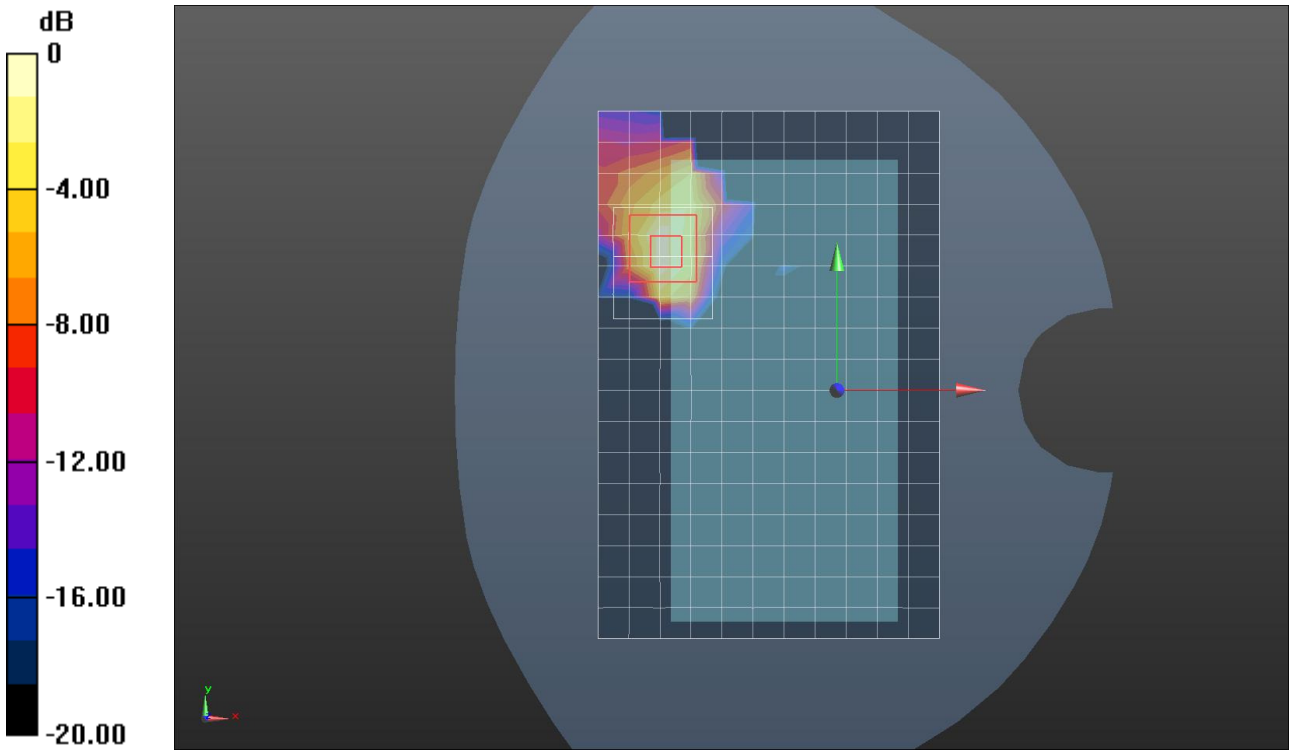
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 5.51 S/m; ε_r = 47.741; 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) = 0.120 W/kg

Body/Rear/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.036 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

Date: 4/9/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

62ch / 802.11n HT40 MCS0 (ANT 1)

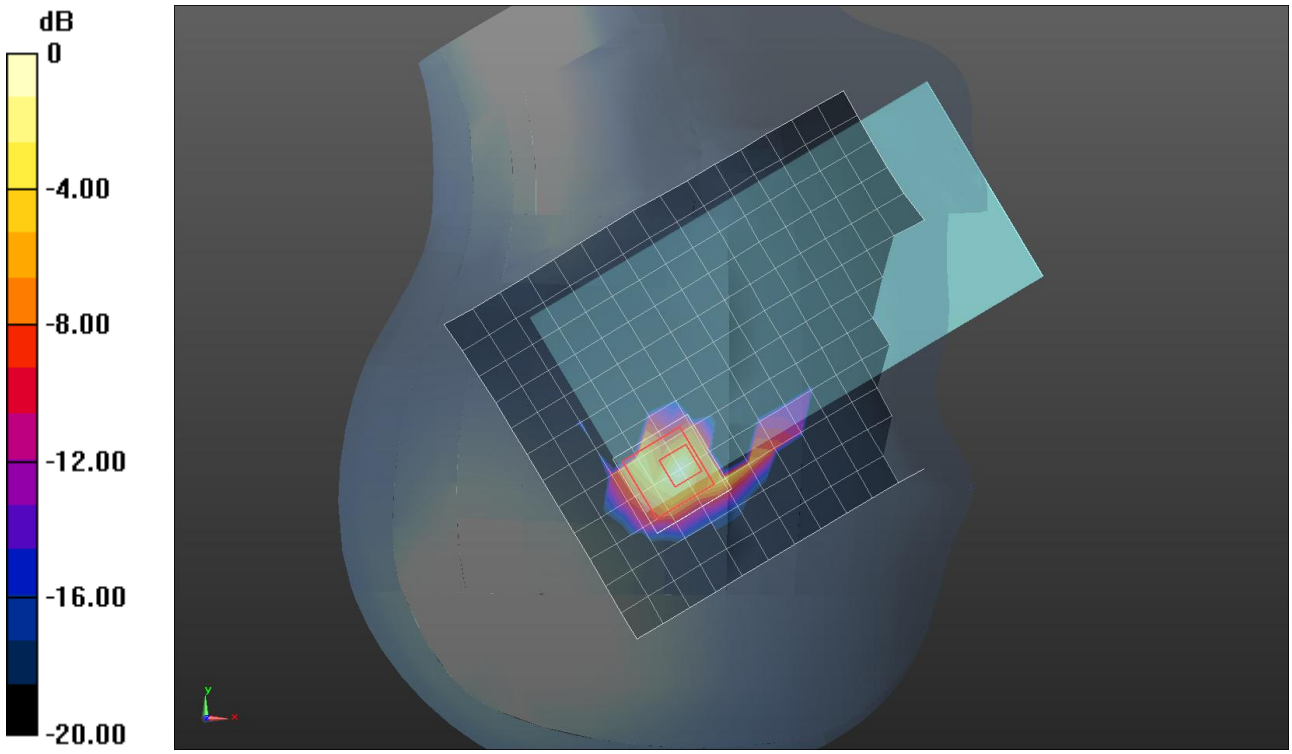
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 4.665 S/m; ε_r = 36.031; 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 (16x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.218 W/kg

Head/Right Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.562 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.219 W/kg



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

Date: 4/6/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

62ch / 802.11n HT40 MCS0 (ANT 1)

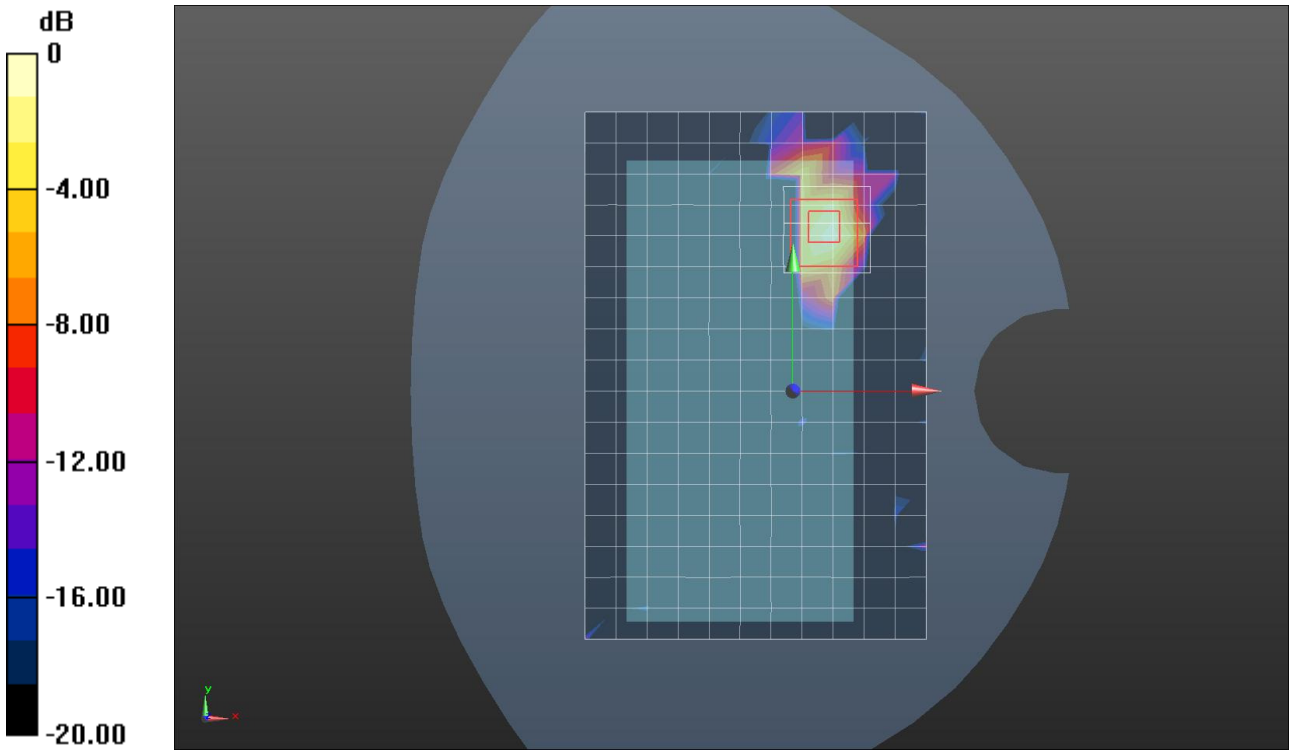
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 5.567 S/m; ε_r = 47.729; 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) = 0.0625 W/kg

Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.228 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.325 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.00745 W/kg
Maximum value of SAR (measured) = 0.0672 W/kg



0 dB = 0.0672 W/kg = -11.73 dBW/kg

Date: 4/8/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

102ch / 802.11n HT40 MCS0 (ANT 0)

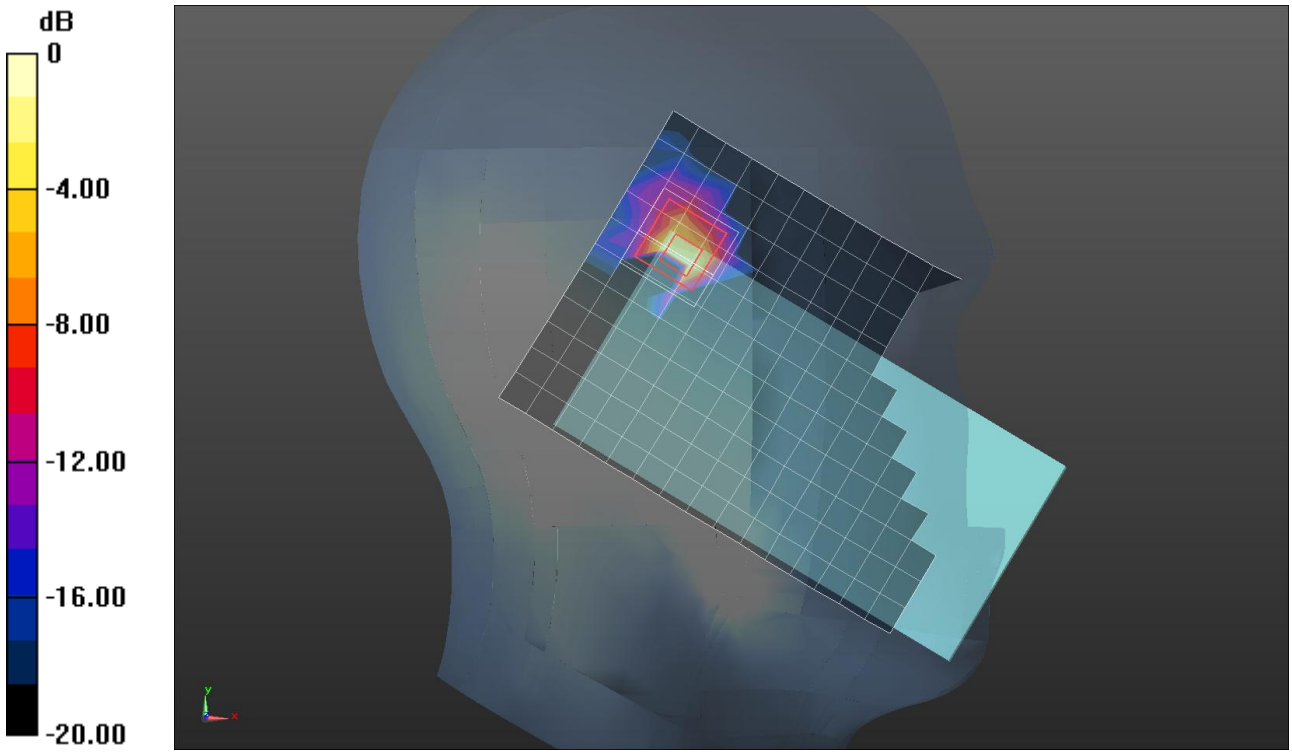
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 4.801 S/m; ε_r = 34.68; 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) = 0.128 W/kg

Head/Left Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.942 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg

Date: 4/5/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

102ch / 802.11n HT40 MCS0 (ANT 0)

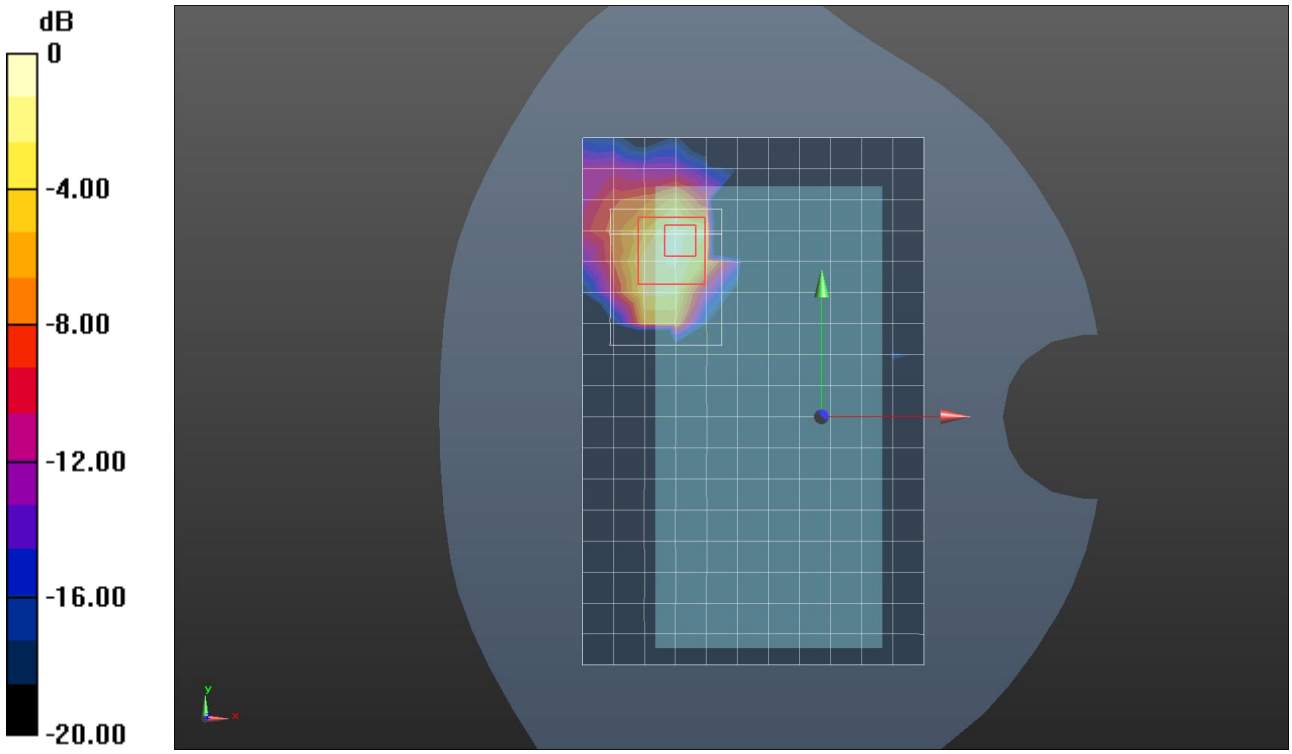
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

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 = 5.765 S/m; ε_r = 47.406; 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) = 0.119 W/kg

Body/Rear/Zoom Scan (10x12x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.128 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.140 W/kg



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

Date: 4/9/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

118ch / 802.11n HT40 MCS0 (ANT 1)

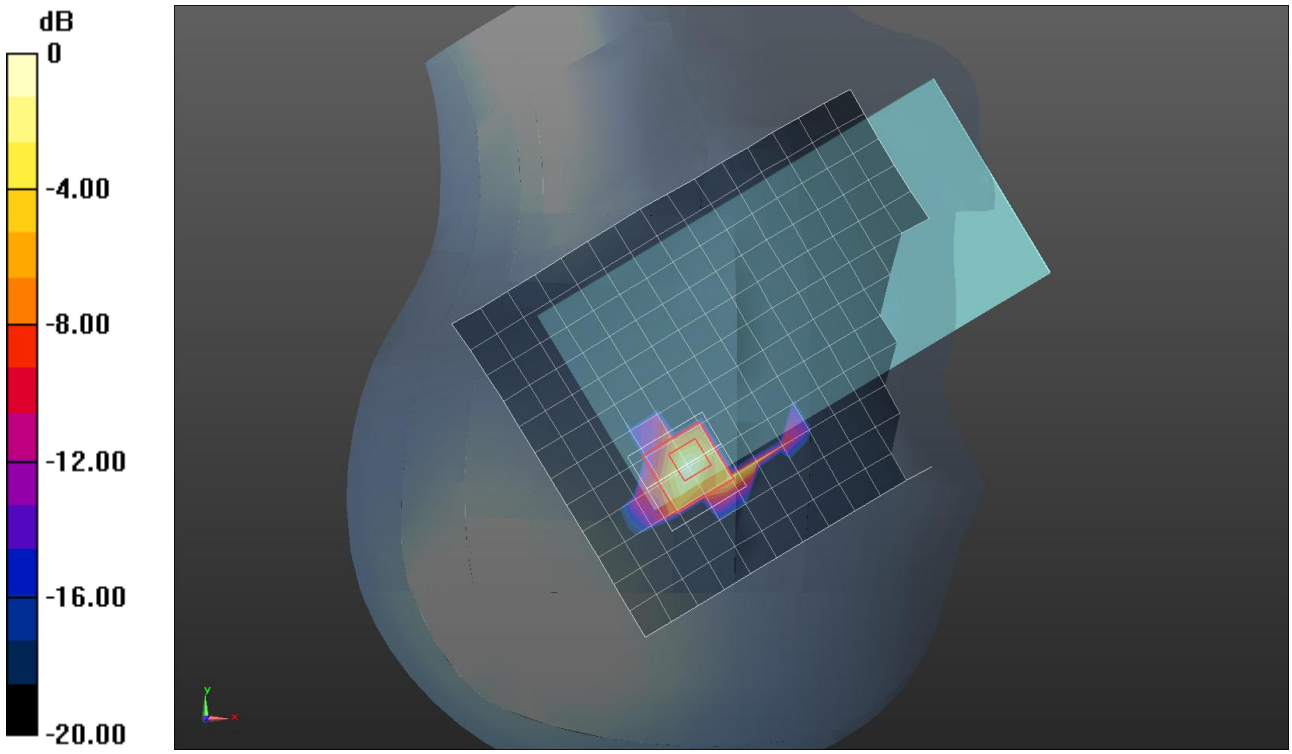
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 5590 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5590 MHz; σ = 4.946 S/m; ε_r = 35.632; 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 (16x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.177 W/kg

Head/Right Touched/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.295 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg

Date: 4/7/2016

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

118ch / 802.11n HT40 MCS0 (ANT 1)

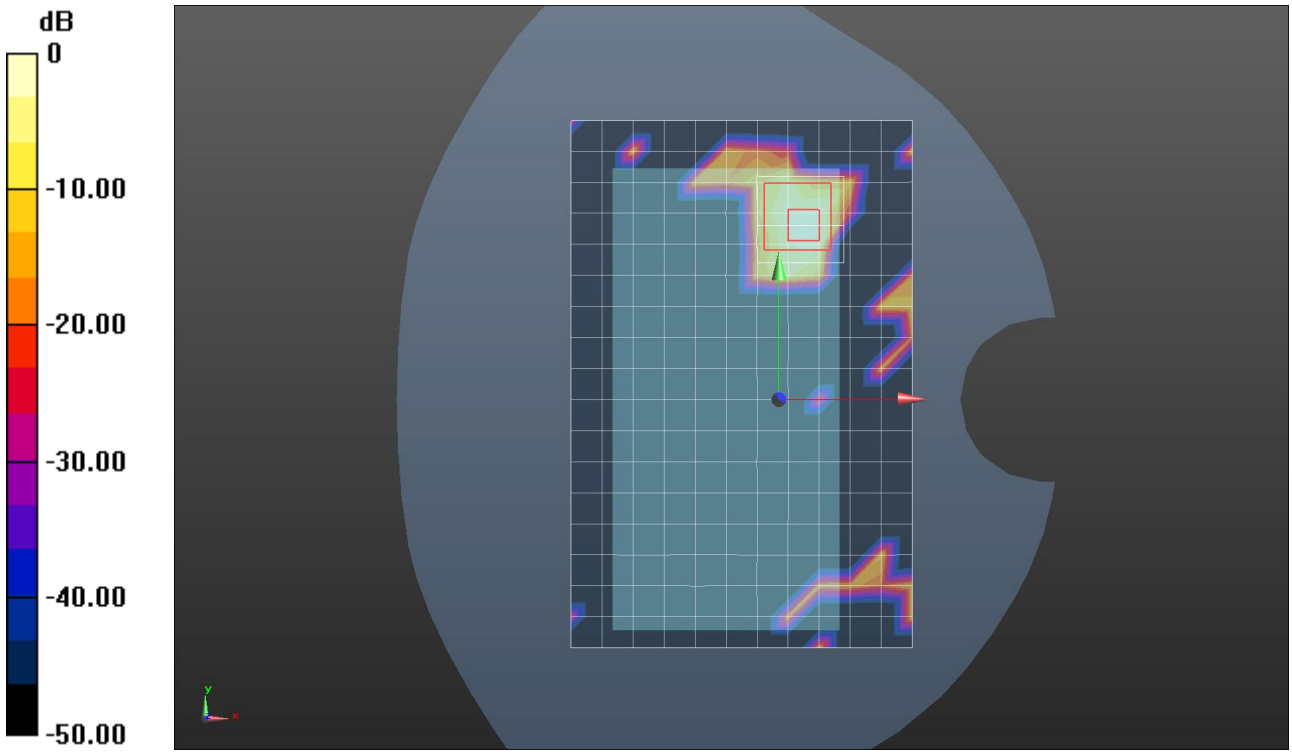
DUT: Smart Phone; Type: 506SH; Serial: 004401/11/570769/3

Frequency: 5590 MHz;Duty Cycle: 1:1
Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5590 MHz; σ = 5.88 S/m; ε_r = 47.041; 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) = 0.0256 W/kg

Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00392 W/kg
Maximum value of SAR (measured) = 0.0359 W/kg



0 dB = 0.0359 W/kg = -14.45 dBW/kg