

Appendix 2 – Highest SAR Test Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 0.917$ S/m; $\epsilon_r = 42.074$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.36, 6.36, 6.36); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

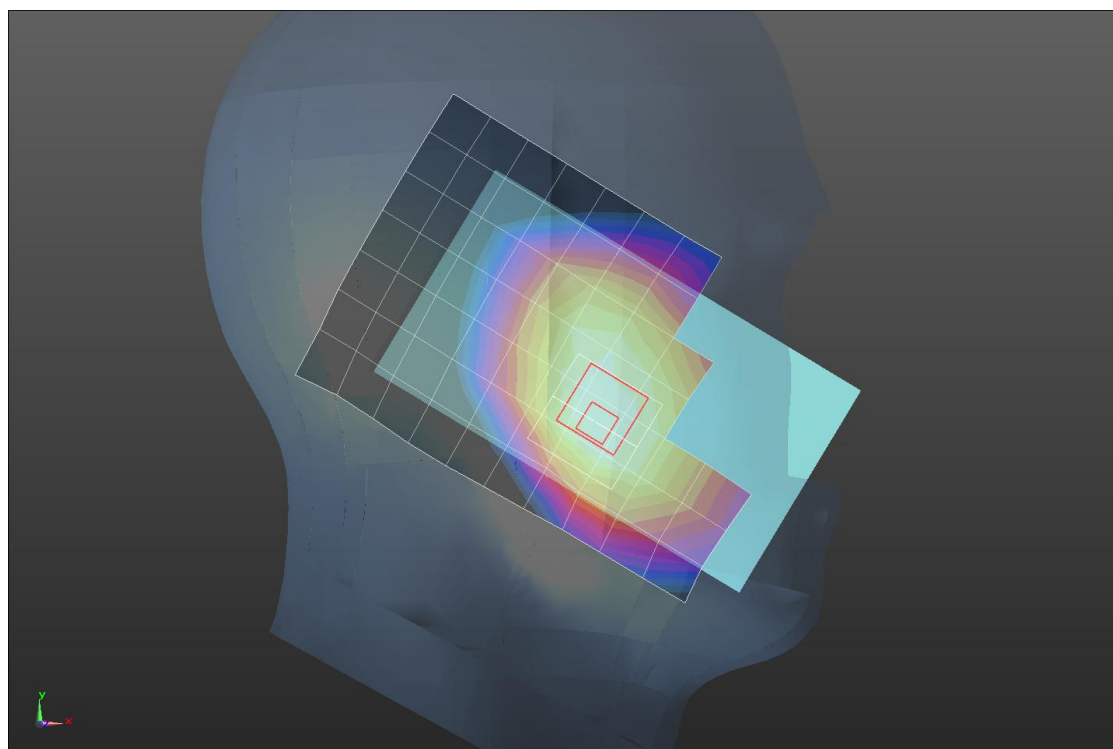
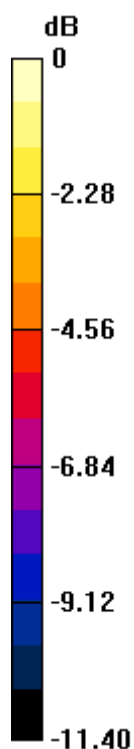
Reference Value = 19.84 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.247 W/kg

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

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg = -4.65 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 0.977$ S/m; $\epsilon_r = 54.443$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.11, 6.11, 6.11); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.354 W/kg

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

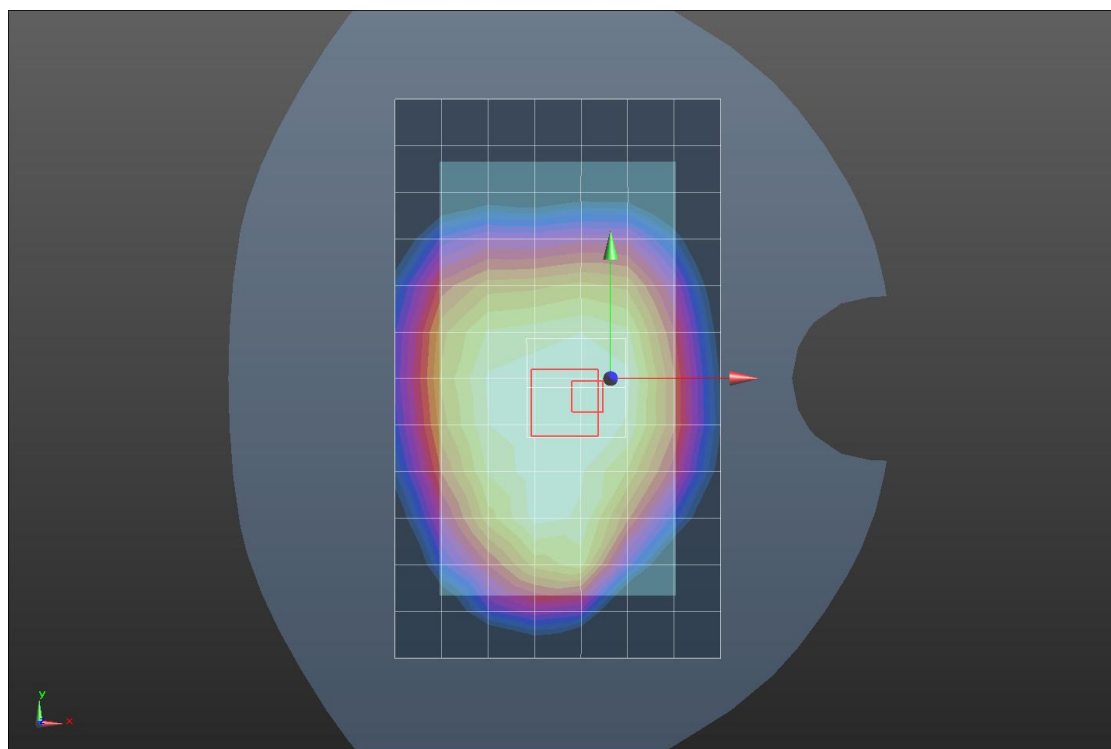
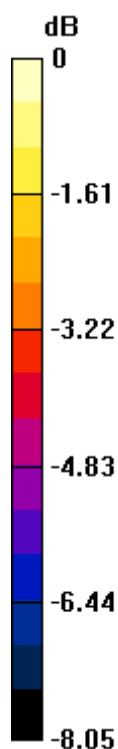
Reference Value = 19.82 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.264 W/kg

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

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 1.391$ S/m; $\epsilon_r = 39.853$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(5.08, 5.08, 5.08); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.298 W/kg

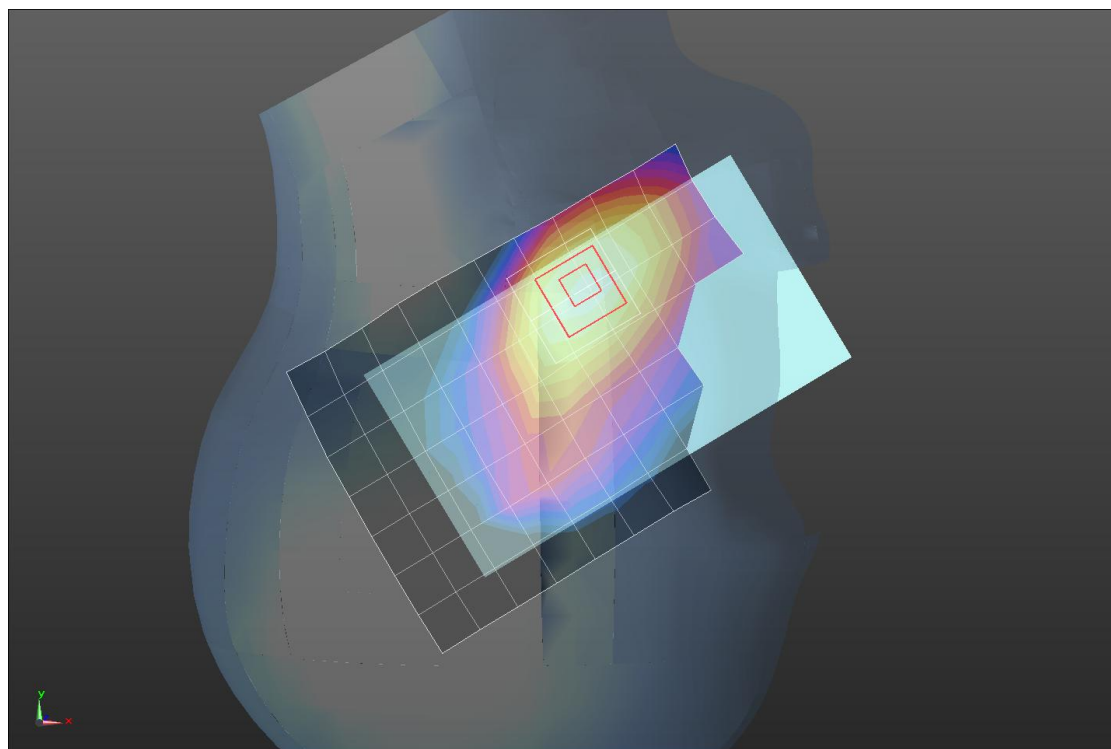
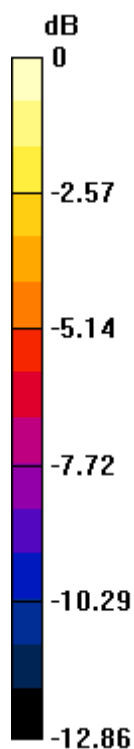
Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.303 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.308 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 1.512$ S/m; $\epsilon_r = 52.865$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.53, 4.53, 4.53); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.275 W/kg

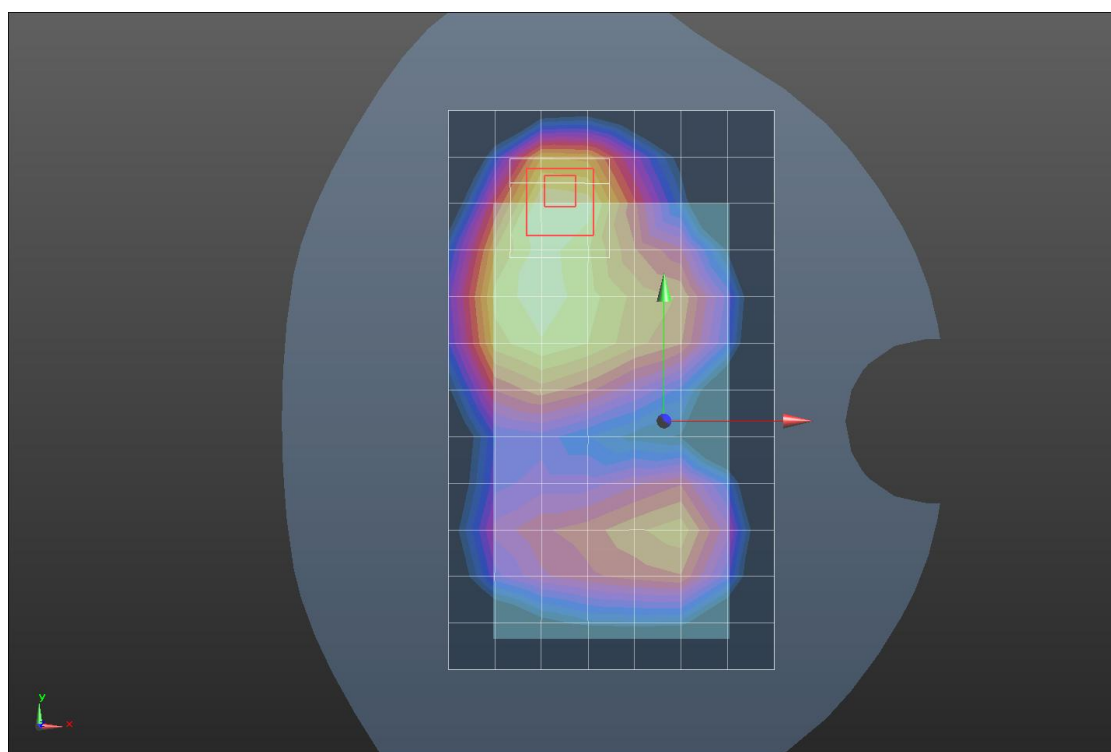
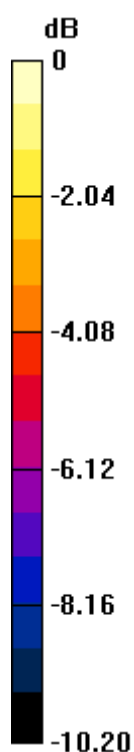
Body/Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.45 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.321 W/kg = -4.93 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 1.512$ S/m; $\epsilon_r = 52.865$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(4.53, 4.53, 4.53); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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/Right/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.319 W/kg

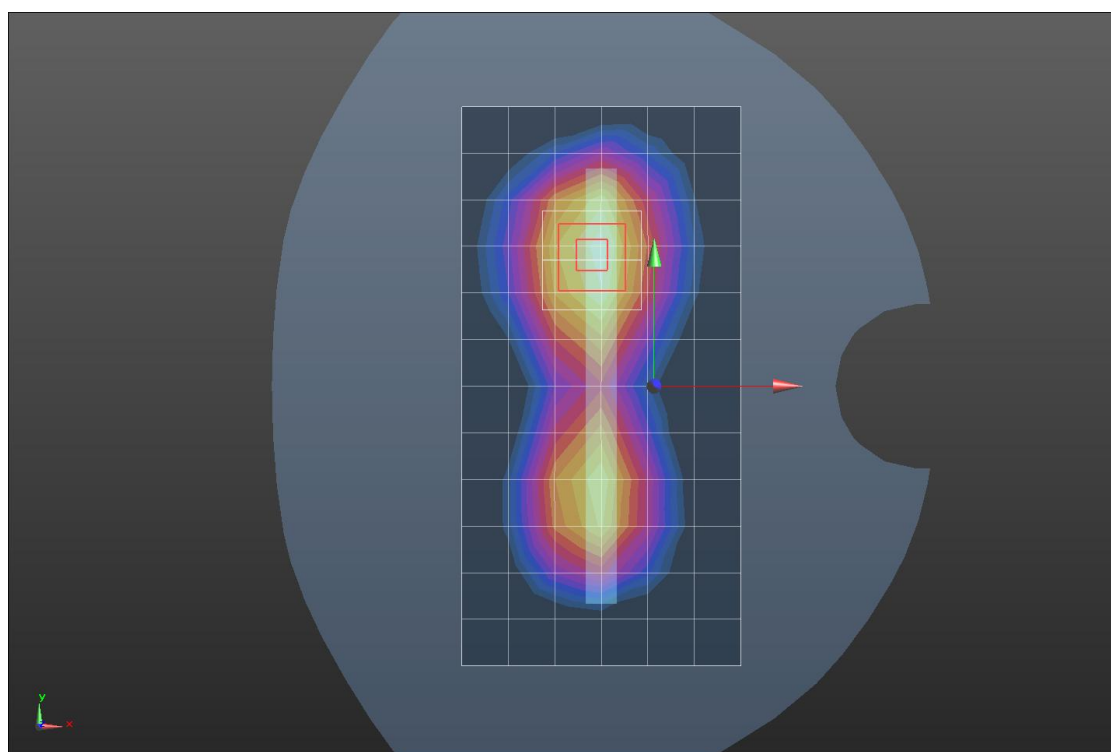
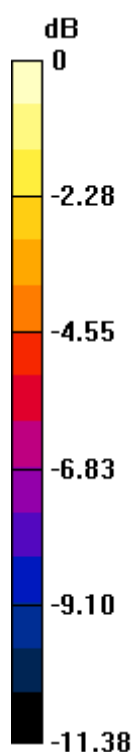
Body/Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.337 W/kg



0 dB = 0.337 W/kg = -4.72 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / WCDMA Band V (Main-ANT)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 0.917$ S/m; $\epsilon_r = 42.074$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.36, 6.36, 6.36); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.347 W/kg

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

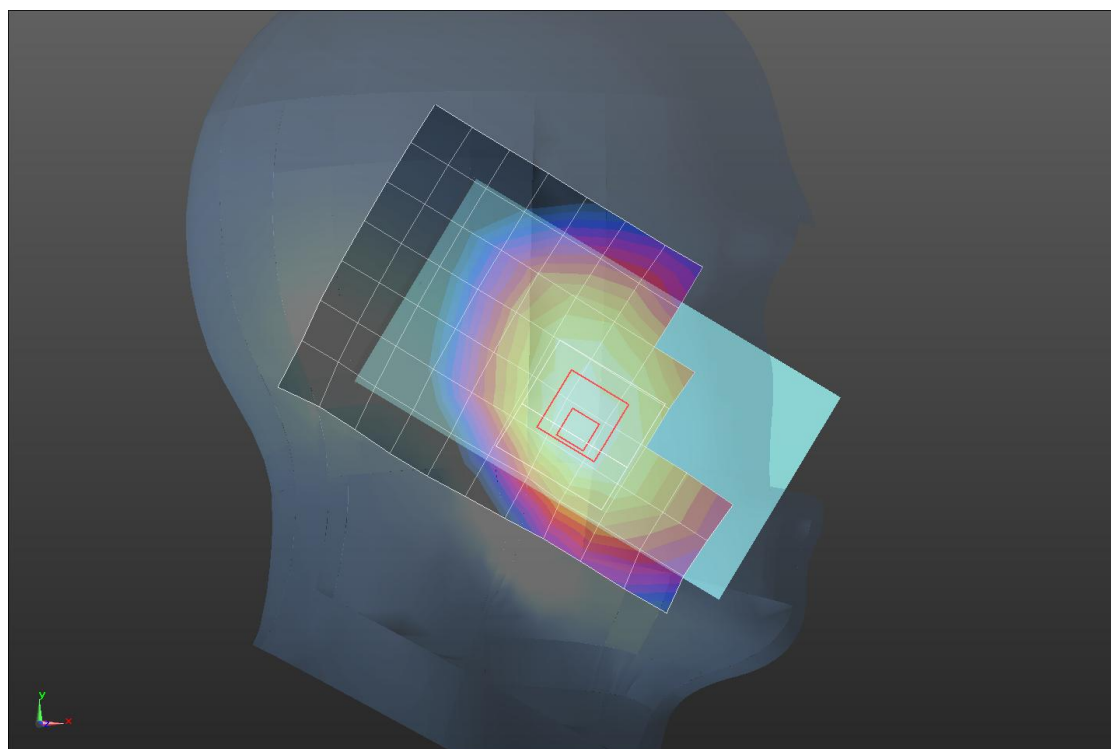
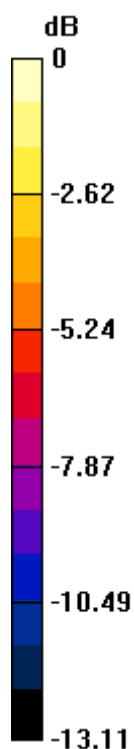
Reference Value = 20.21 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.268 W/kg

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

Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg = -4.34 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / WCDMA Band V (Main-ANT)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 0.977$ S/m; $\epsilon_r = 54.443$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.11, 6.11, 6.11); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.382 W/kg

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

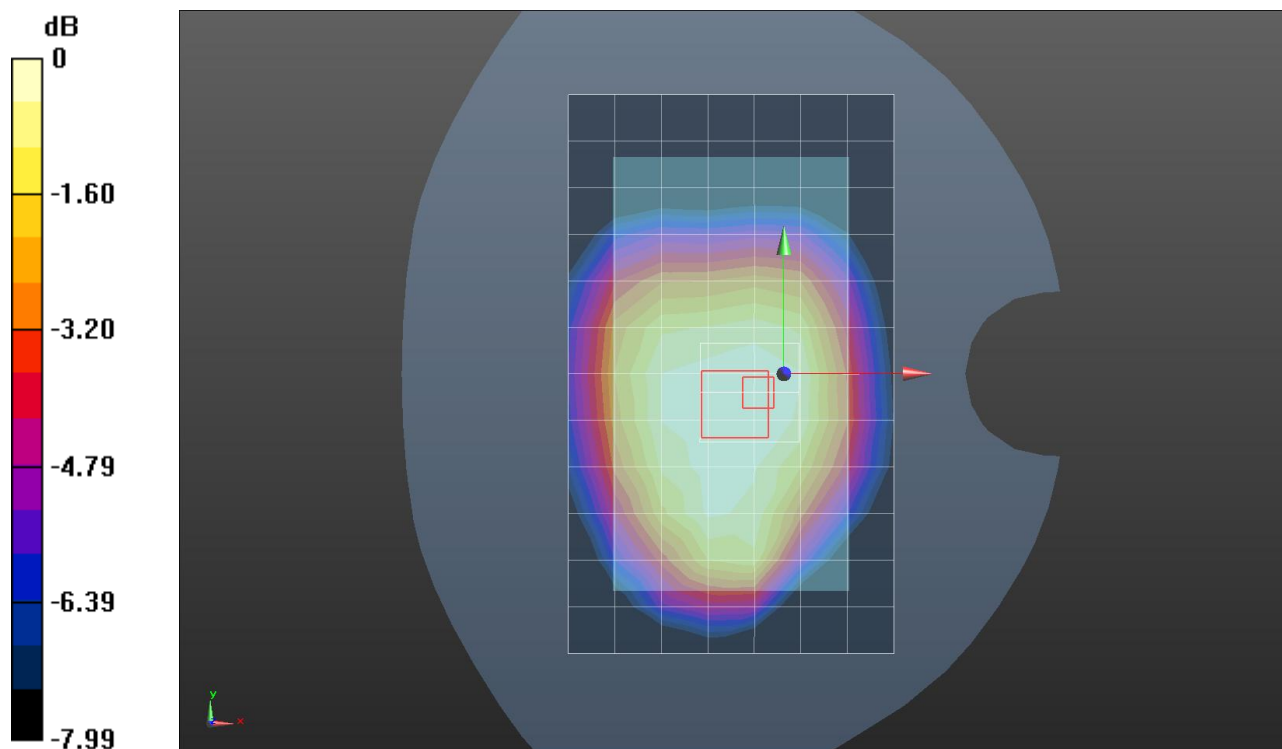
Reference Value = 20.43 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.294 W/kg

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

Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.390 W/kg = -4.09 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / WCDMA Band V (Sub-ANT)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 0.917$ S/m; $\epsilon_r = 42.074$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.36, 6.36, 6.36); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.311 W/kg

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

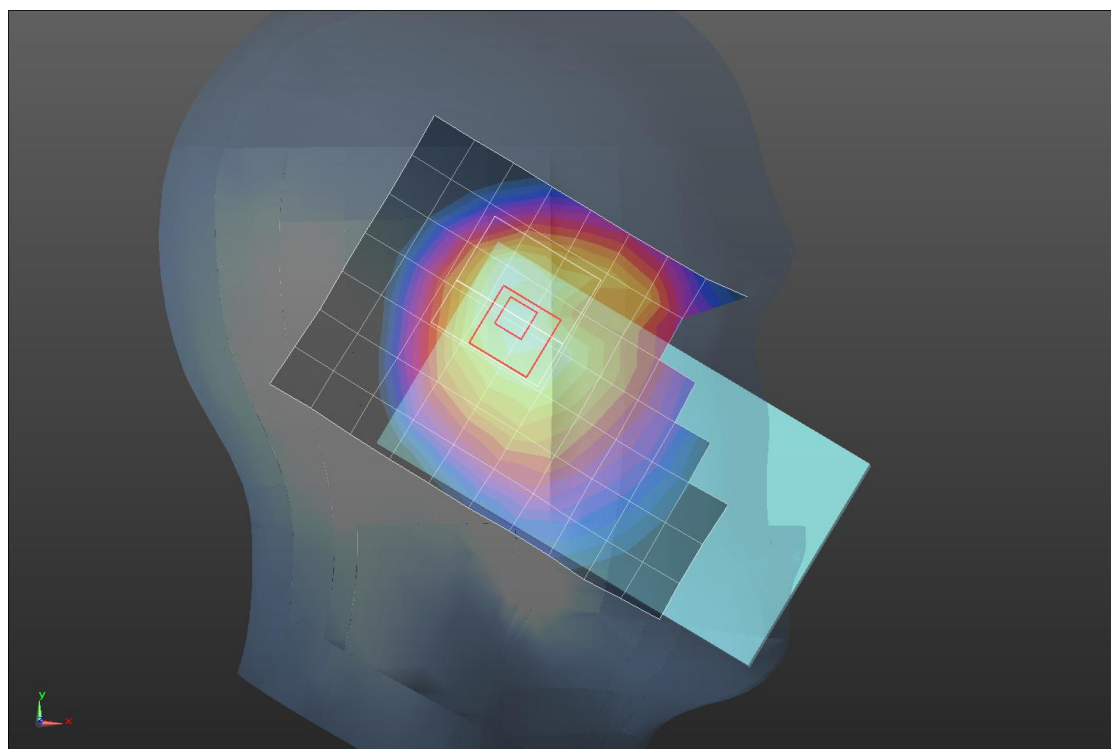
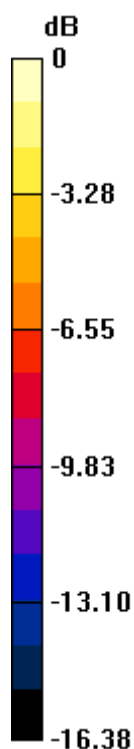
Reference Value = 11.56 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.191 W/kg

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

Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / WCDMA Band V (Sub-ANT)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

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; $\sigma = 0.977$ S/m; $\epsilon_r = 54.443$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.11, 6.11, 6.11); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.196 W/kg

Body/Rear/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

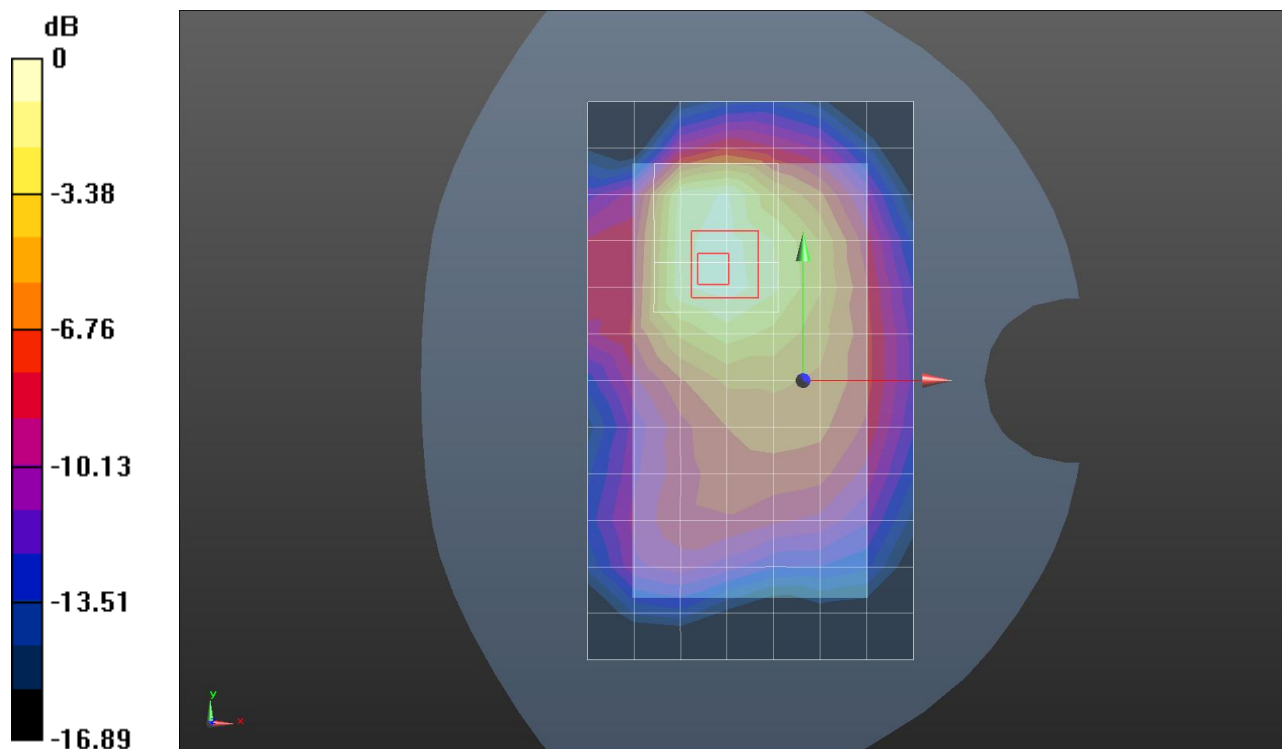
Reference Value = 12.70 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.135 W/kg

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

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg = -6.68 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

23790ch / LTE Band 17 - QPSK 10MHz BW, RB #1/25 (Main-ANT)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 710 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.52$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.65, 6.65, 6.65); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0922 W/kg

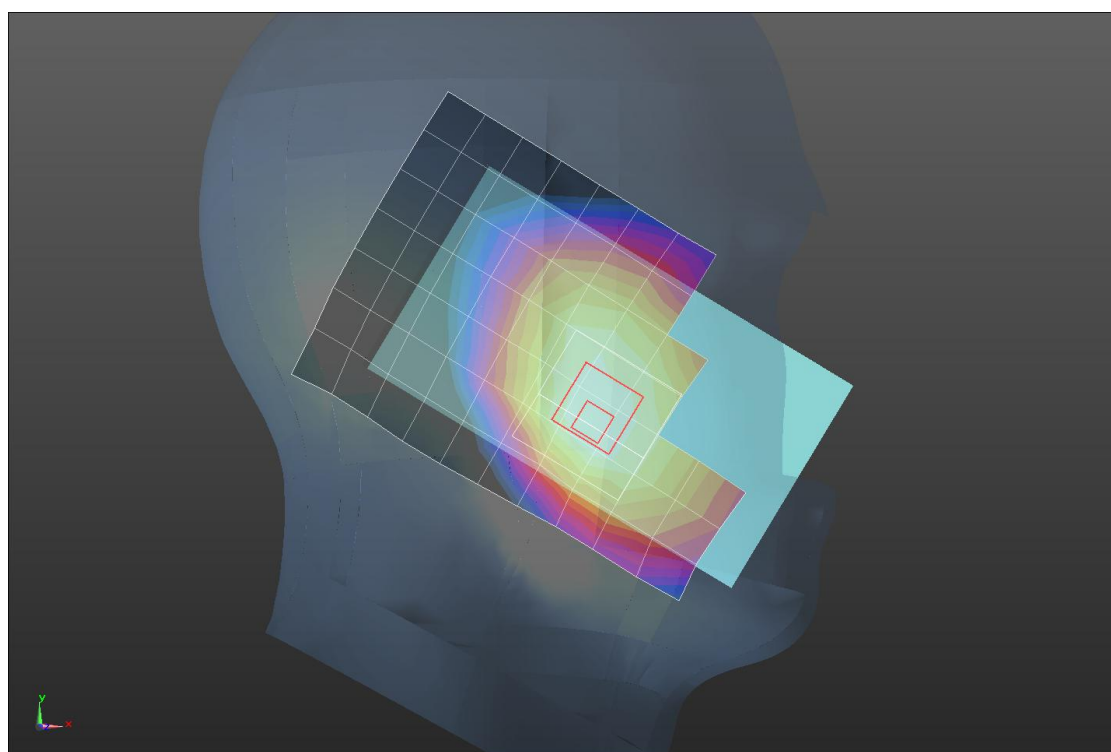
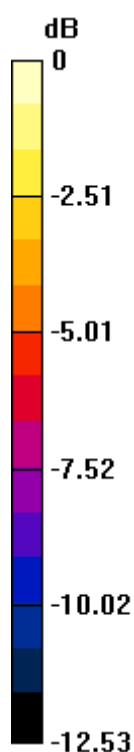
Head/Left Touched/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.42 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.0974 W/kg



0 dB = 0.0974 W/kg = -10.11 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

23790ch / LTE Band 17 - QPSK 10MHz BW, RB #1/25 (Main-ANT)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 710 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 56.639$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.22, 6.22, 6.22); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.144 W/kg

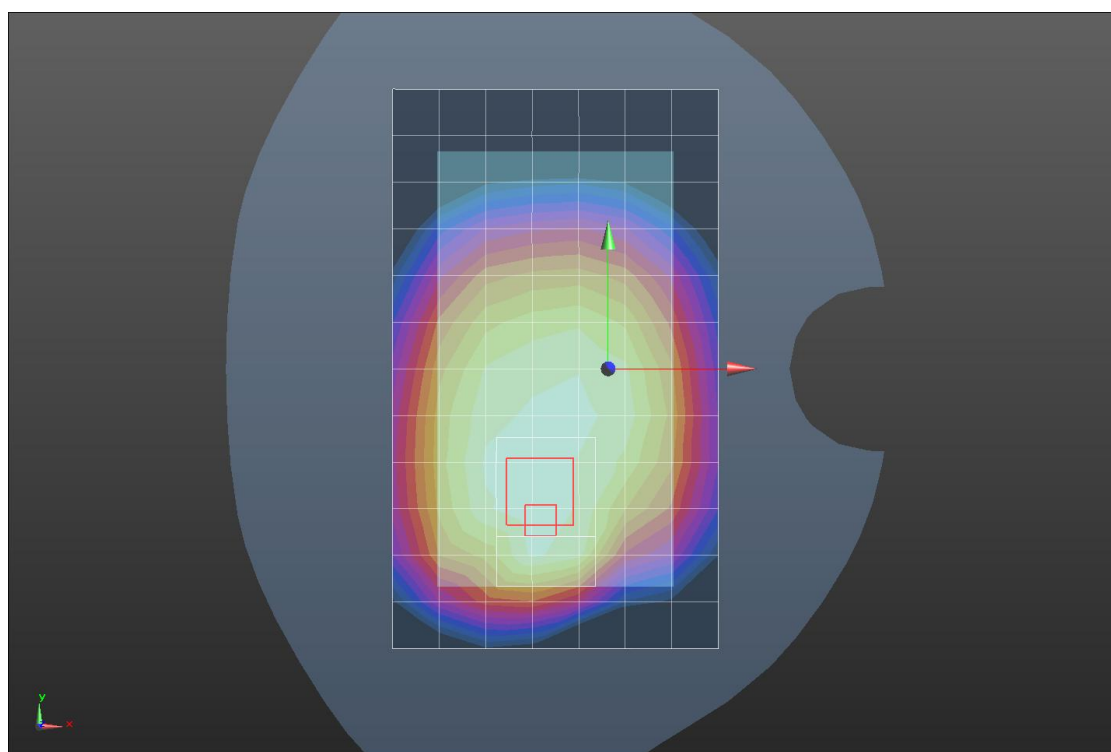
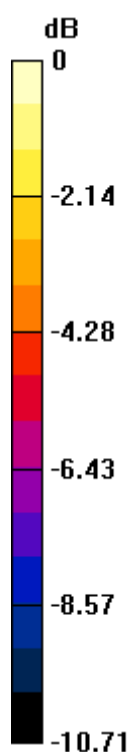
Body/Rear/Zoom Scan (5x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.78 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

23790ch / LTE Band 17 - QPSK 10MHz BW, RB #1/0 (Sub-ANT)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 710 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.52$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.65, 6.65, 6.65); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0290 W/kg

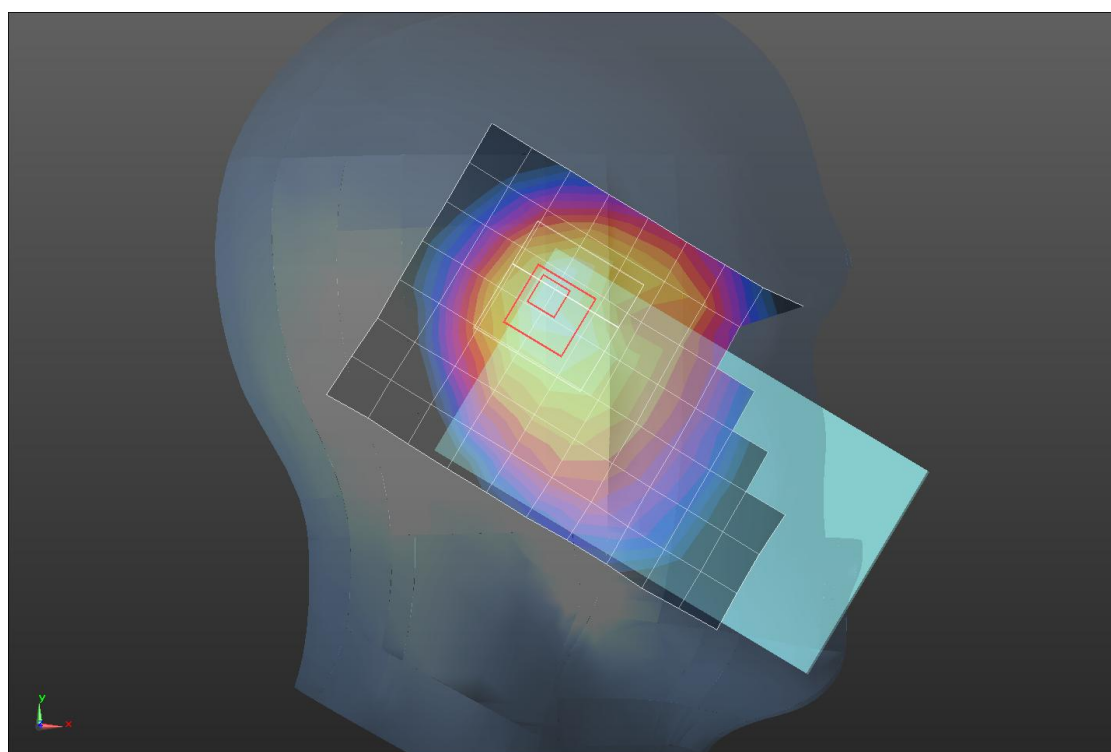
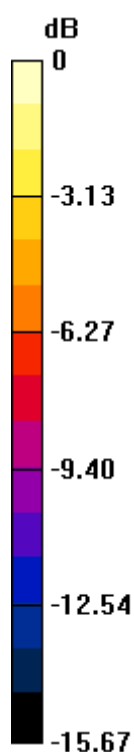
Head/Left Touched/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.566 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0520 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0306 W/kg



0 dB = 0.0306 W/kg = -15.14 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

23790ch / LTE Band 17 - QPSK 10MHz BW, RB #1/0 (Sub-ANT)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 710 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 56.639$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.22, 6.22, 6.22); Calibrated: 8/15/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0598 W/kg

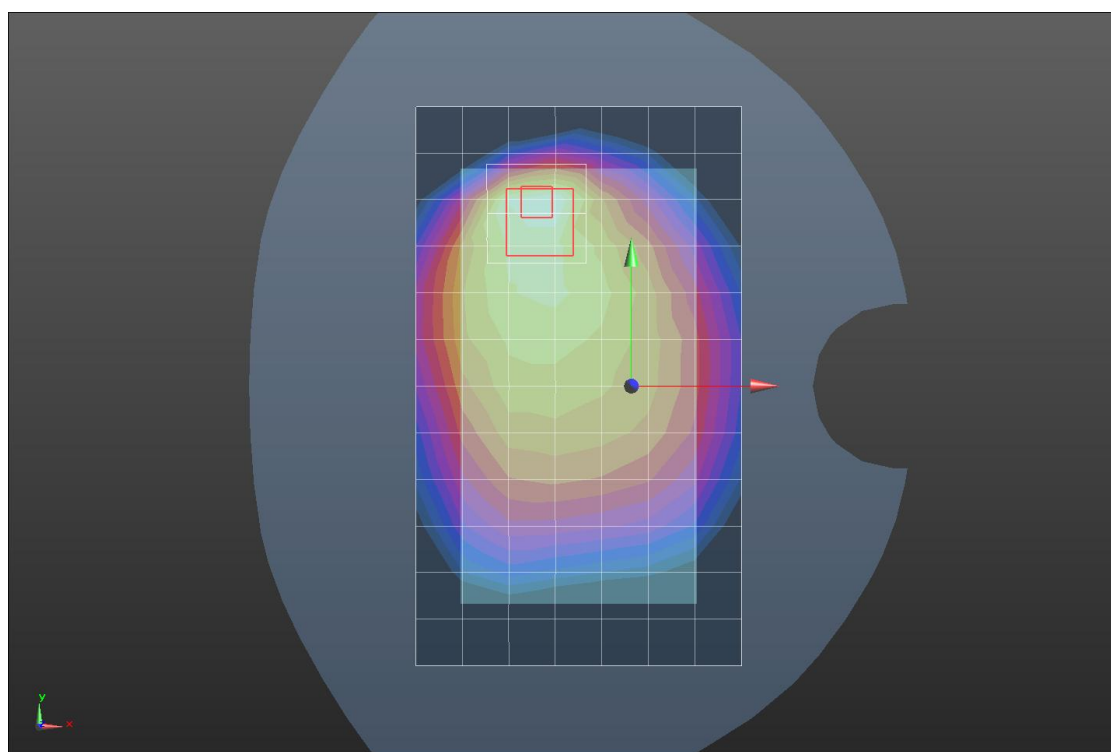
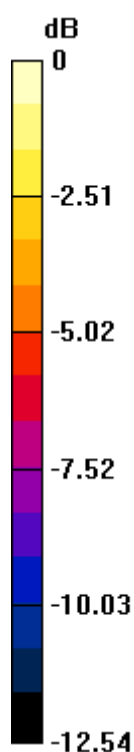
Body/Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.511 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0587 W/kg



0 dB = 0.0587 W/kg = -12.31 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 0)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 2437 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.816$ S/m; $\epsilon_r = 38.889$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.99, 6.99, 6.99); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 Tilted/Area Scan (13x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.102 W/kg

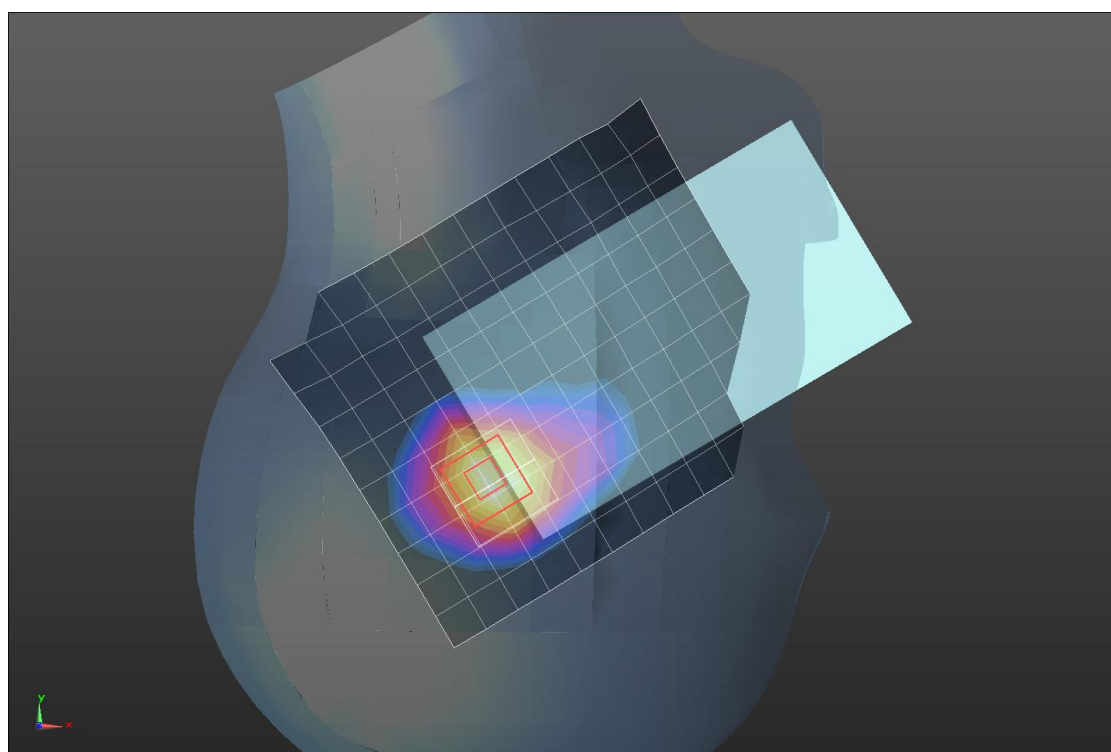
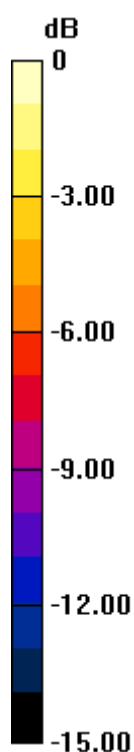
Head/Right Tilted/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.558 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg = -9.51 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 0)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 2437 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.933$ S/m; $\epsilon_r = 52.56$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.92, 6.92, 6.92); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 (11x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.188 W/kg

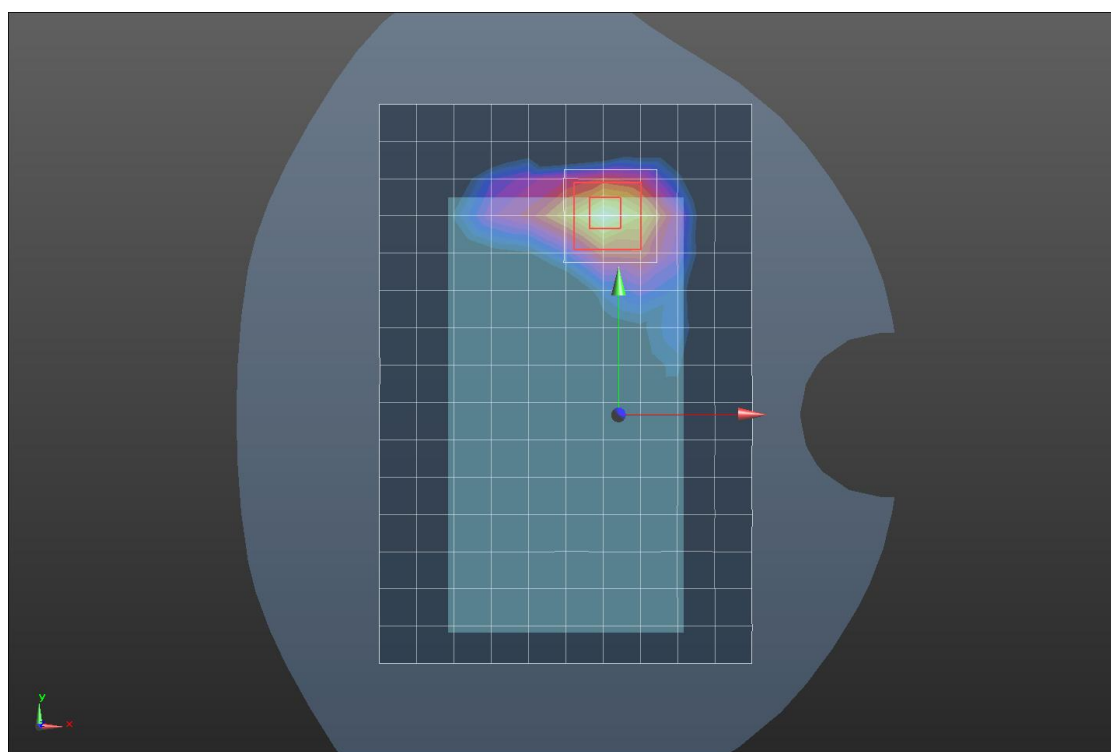
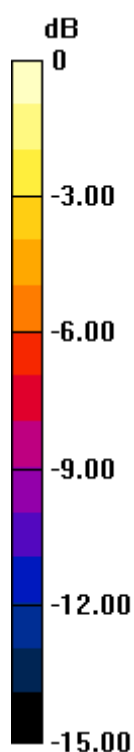
Body/Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.429 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 1)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 2437 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.816$ S/m; $\epsilon_r = 38.889$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.99, 6.99, 6.99); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 (13x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0283 W/kg

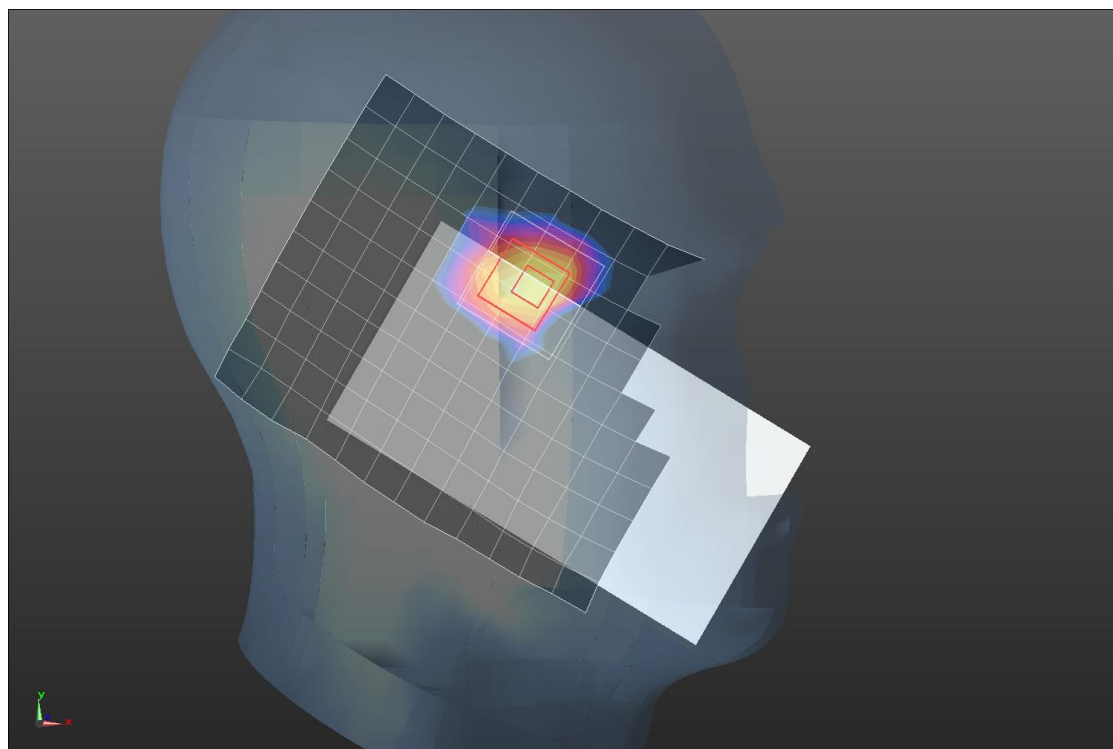
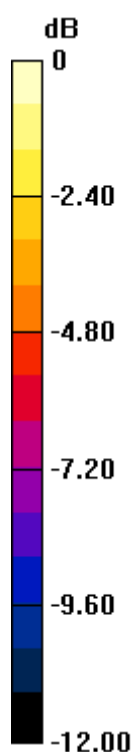
Head/Left Touched/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.028 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00906 W/kg

Maximum value of SAR (measured) = 0.0393 W/kg



0 dB = 0.0393 W/kg = -14.06 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

6ch / 802.11b 1Mbps (ANT 1)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 2437 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.933$ S/m; $\epsilon_r = 52.56$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(6.92, 6.92, 6.92); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 (11x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.178 W/kg

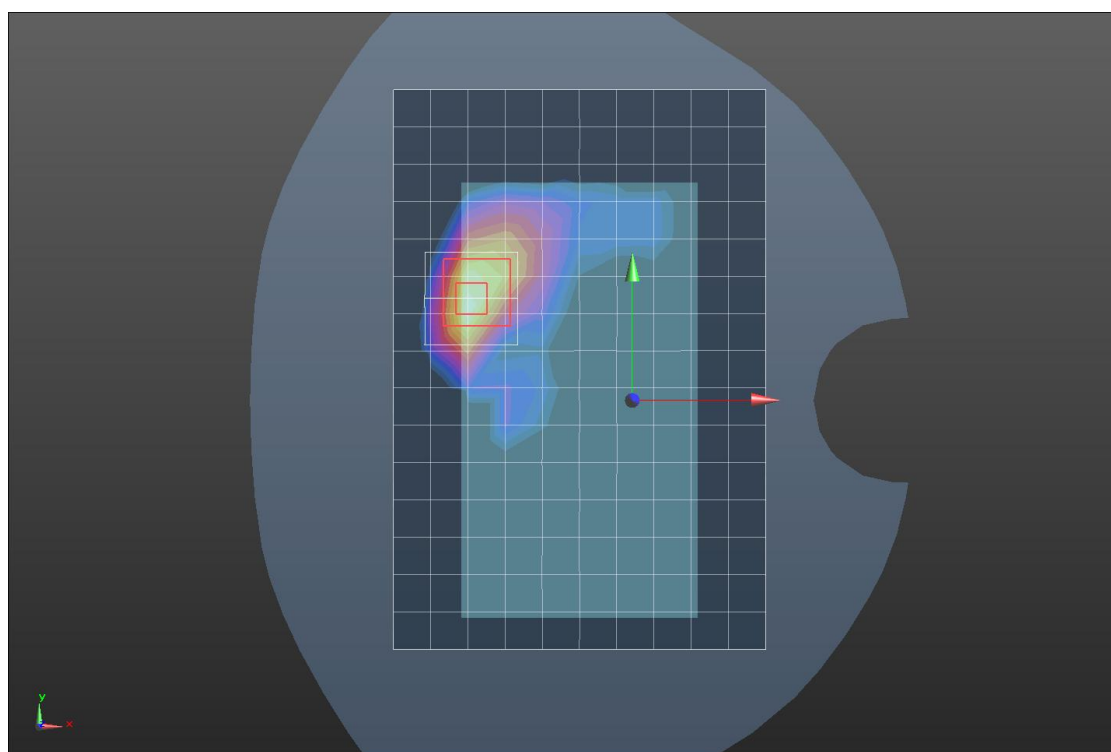
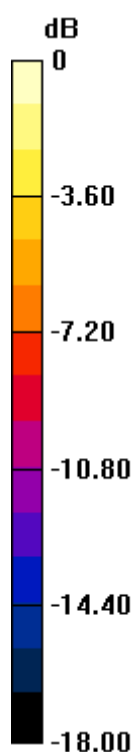
Body/Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.395 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

58ch / 802.11ac VHT80 MCS0 (ANT 0)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 5290 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.653$ S/m; $\epsilon_r = 36.533$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.89, 4.89, 4.89); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 Tilted/Area Scan (16x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0976 W/kg

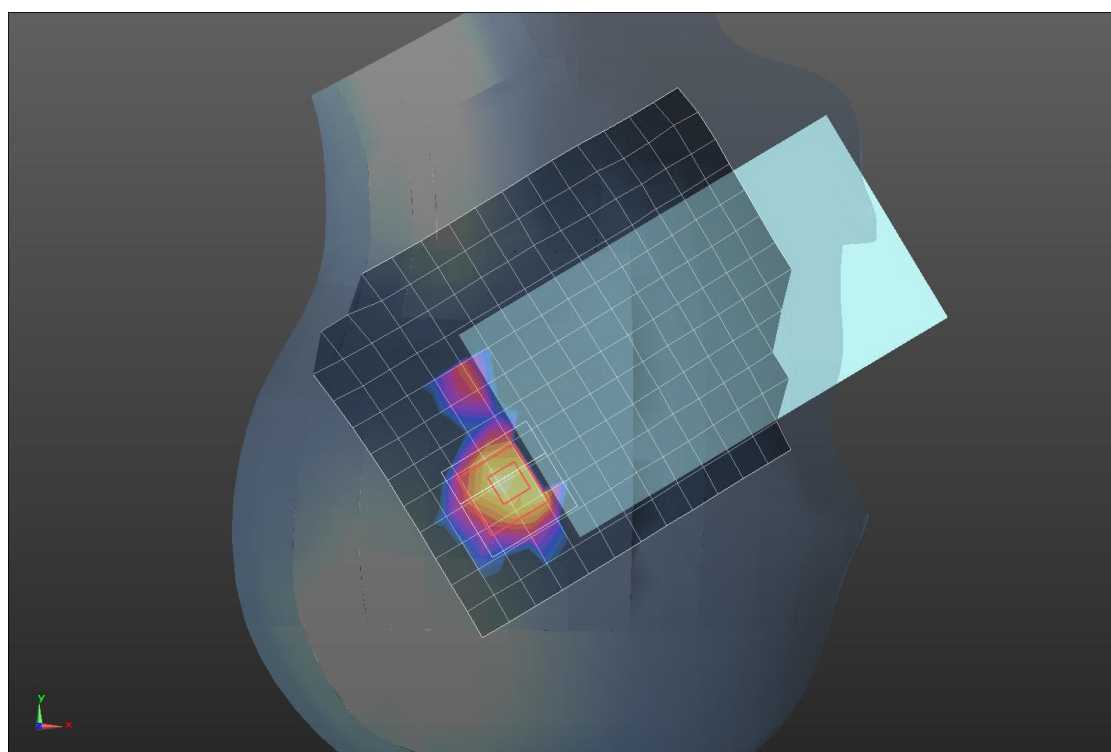
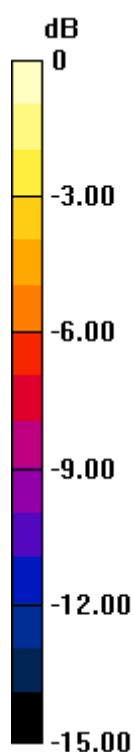
Head/Right Tilted/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.131 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

58ch / 802.11ac VHT80 MCS0 (ANT 0)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 5290 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.459$ S/m; $\epsilon_r = 47.445$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.19, 4.19, 4.19); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 (12x19x1): Measurement grid: dx=10mm, dy=10mm

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

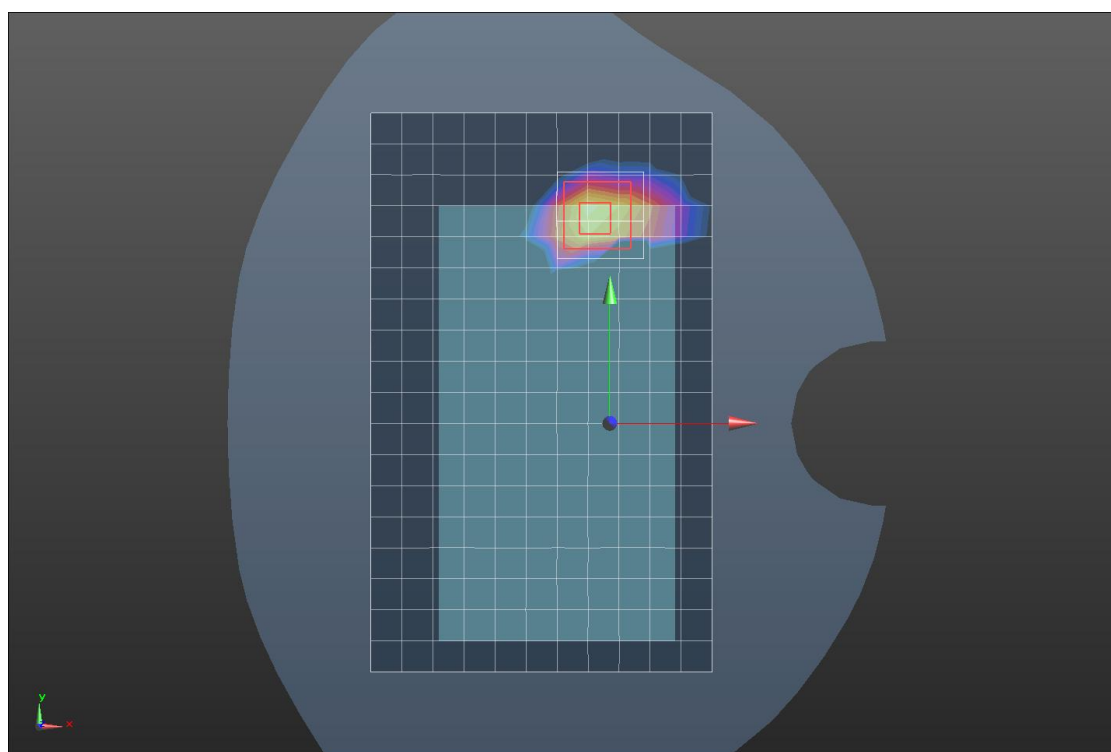
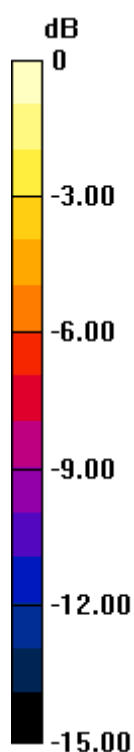
Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.600 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg = -5.75 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

58ch / 802.11ac VHT80 MCS0 (ANT 1)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 5290 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.653$ S/m; $\epsilon_r = 36.533$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.89, 4.89, 4.89); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.113 W/kg

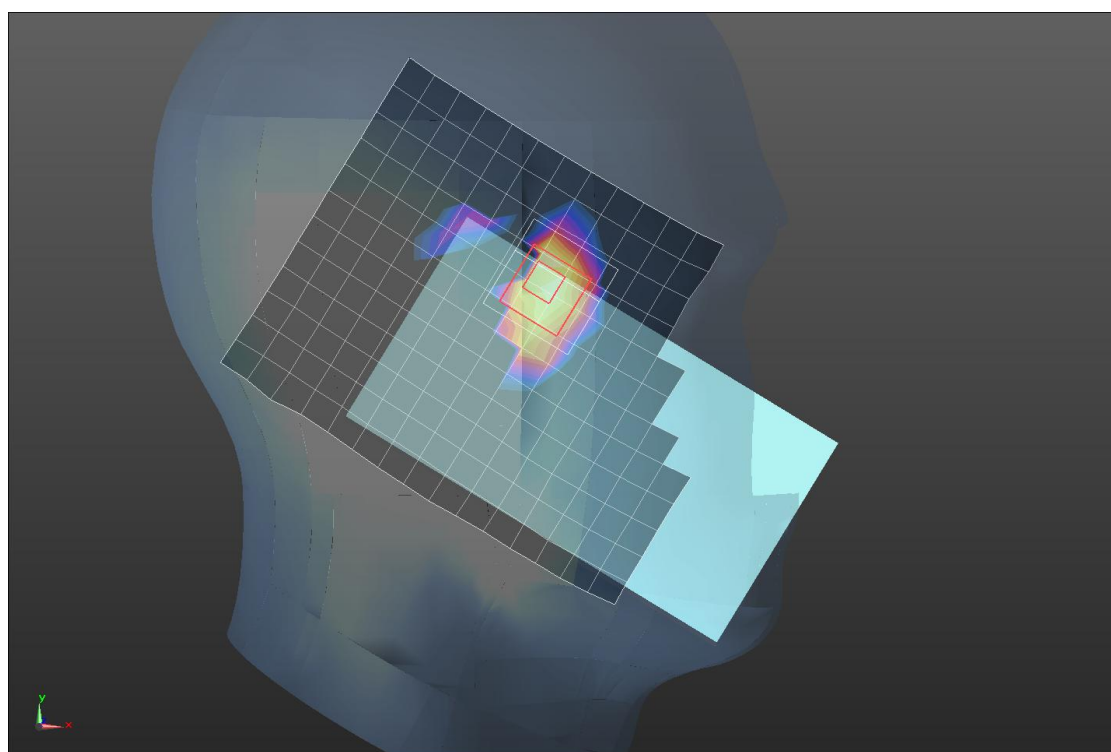
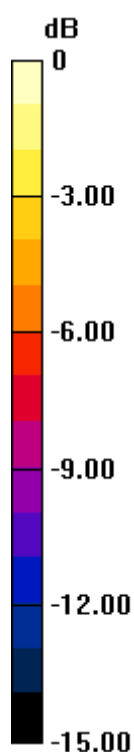
Head/Left Touched/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.150 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

58ch / 802.11ac VHT80 MCS0 (ANT 1)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 5290 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.459$ S/m; $\epsilon_r = 47.445$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.19, 4.19, 4.19); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 (12x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0524 W/kg

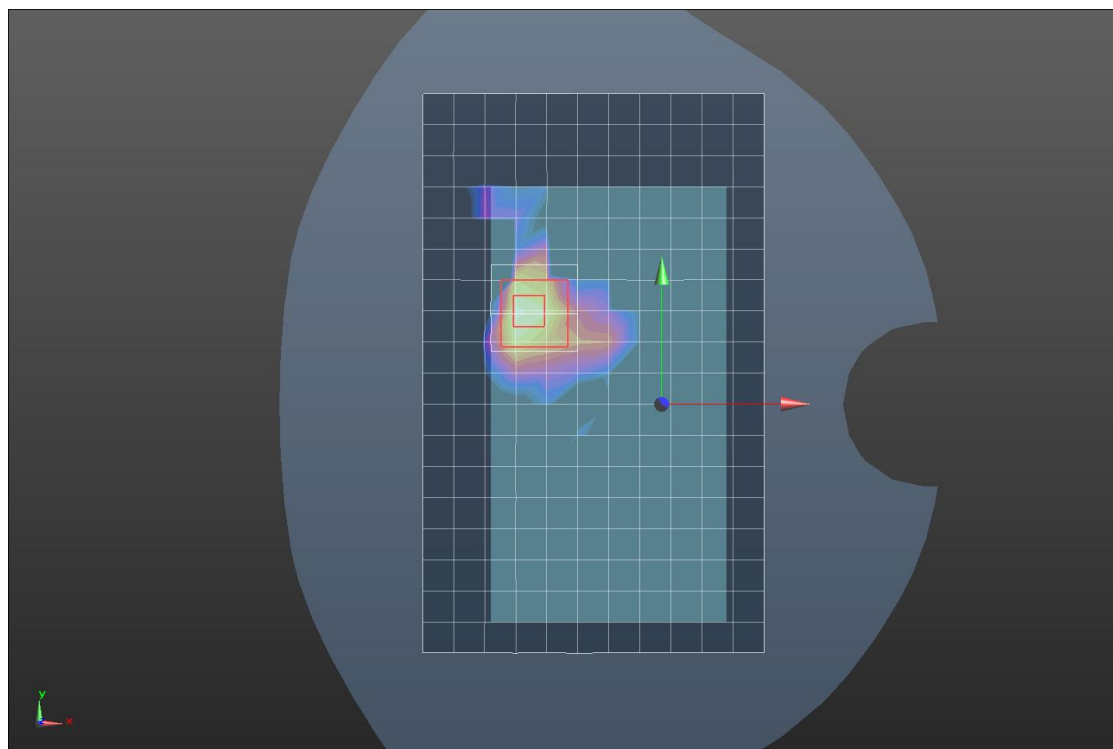
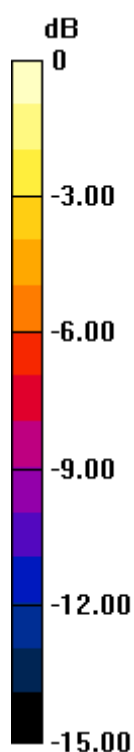
Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.159 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0596 W/kg



0 dB = 0.0596 W/kg = -12.25 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

122ch / 802.11ac VHT80 MCS0 (ANT 0)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 5610 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.001$ S/m; $\epsilon_r = 36.209$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.55, 4.55, 4.55); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 Tilted/Area Scan (16x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.101 W/kg

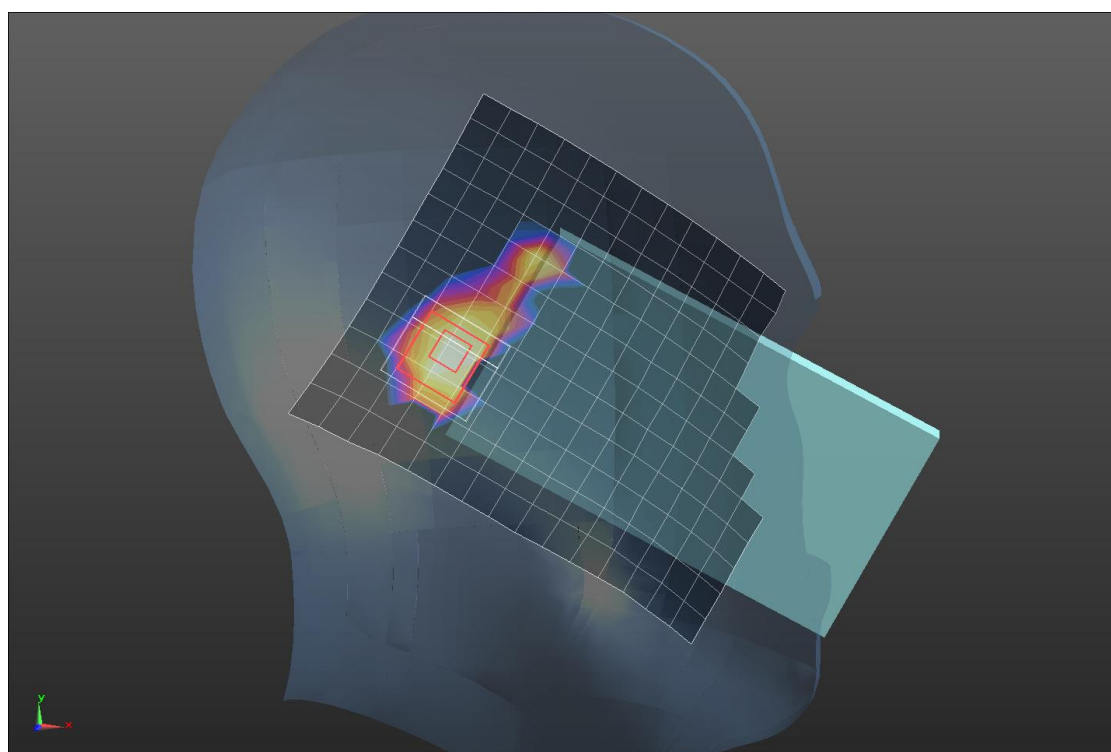
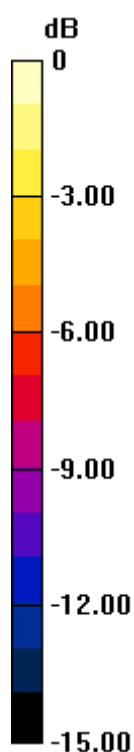
Head/Left Tilted/Zoom Scan (9x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.716 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

122ch / 802.11ac VHT80 MCS0 (ANT 0)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 5610 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.866$ S/m; $\epsilon_r = 46.953$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(3.96, 3.96, 3.96); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 (12x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.229 W/kg

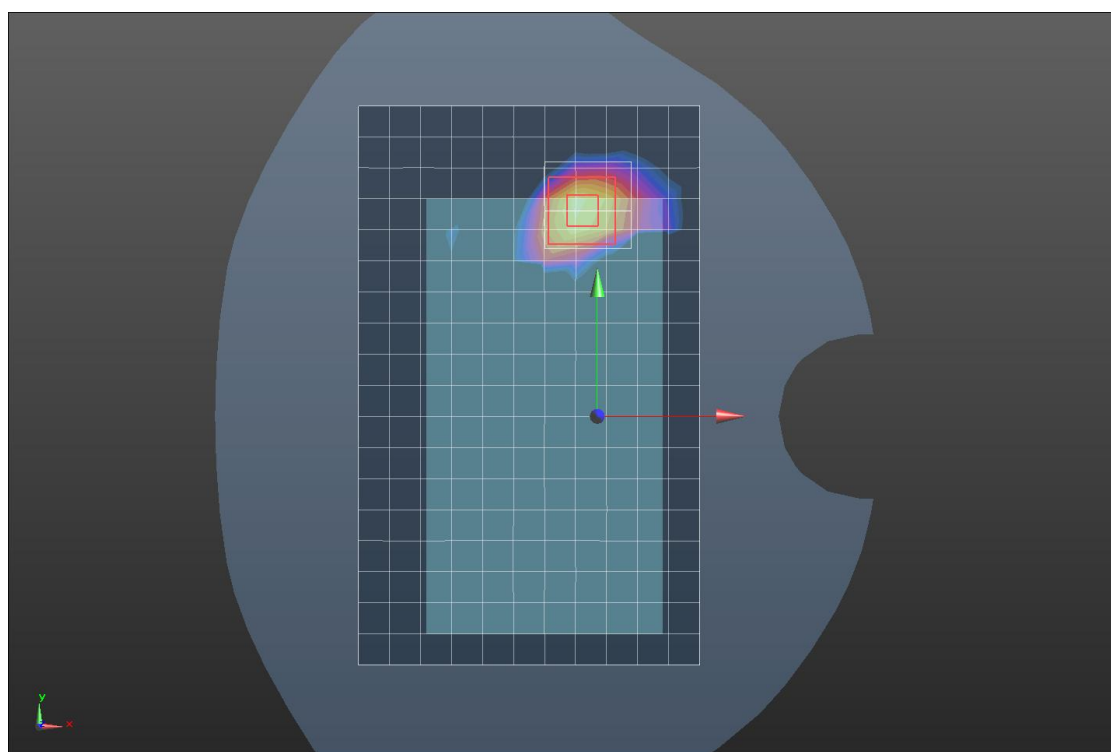
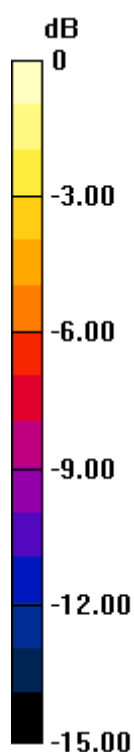
Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.011 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.321 W/kg = -4.93 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

122ch / 802.11ac VHT80 MCS0 (ANT 1)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 5610 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.001$ S/m; $\epsilon_r = 36.209$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(4.55, 4.55, 4.55); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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) = 0.0752 W/kg

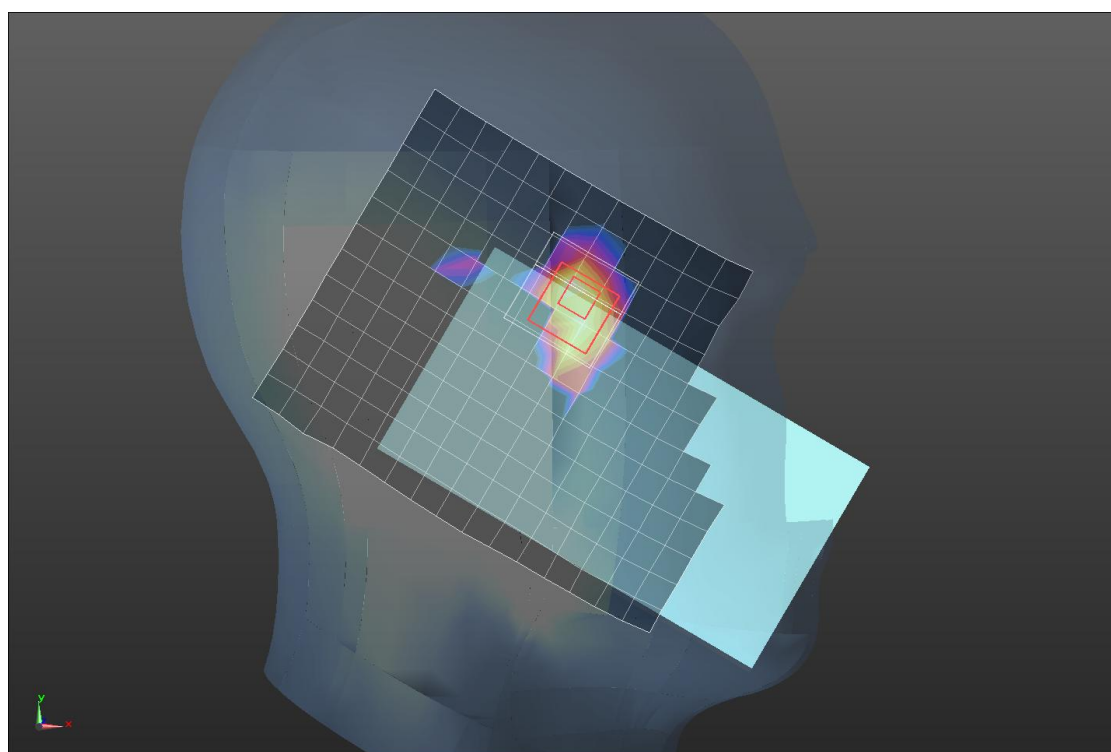
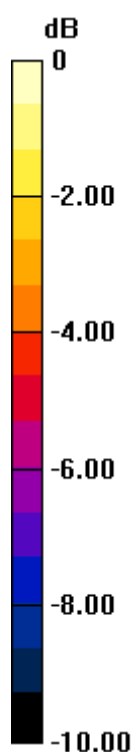
Head/Left Touched/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.894 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0809 W/kg



0 dB = 0.0809 W/kg = -10.92 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

122ch / 802.11ac VHT80 MCS0 (ANT 1)

DUT: Smart Phone; Type: SH-03G; Serial: 004401115391456

Frequency: 5610 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.866$ S/m; $\epsilon_r = 46.953$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN3808; ConvF(3.96, 3.96, 3.96); Calibrated: 9/15/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn508; Calibrated: 11/7/2014
- 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 (12x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0706 W/kg

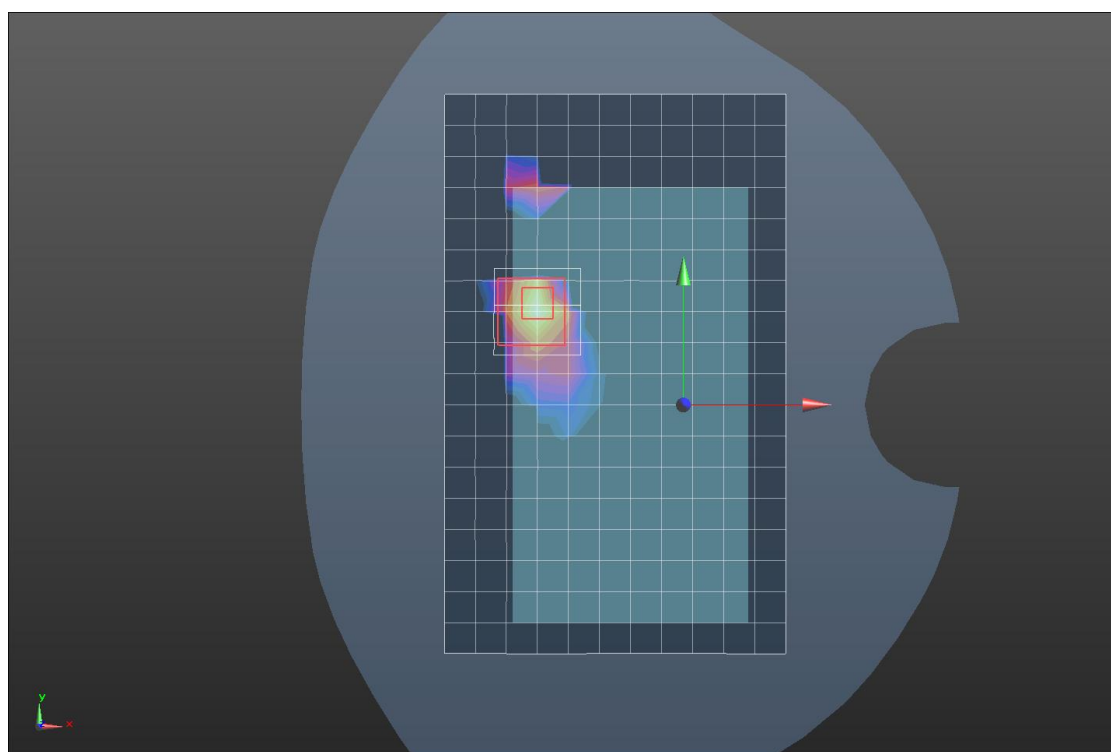
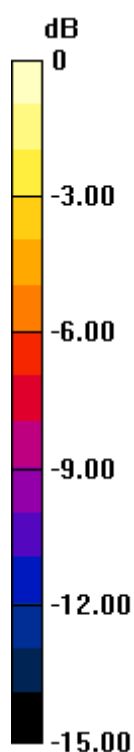
Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.906 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.00771 W/kg

Maximum value of SAR (measured) = 0.0750 W/kg



0 dB = 0.0750 W/kg = -11.25 dBW/kg