

Appendix 2 – Highest SAR Test Plots

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

189ch / GSM 850 - GPRS 4slots

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

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; $\sigma = 0.908$ S/m; $\epsilon_r = 41.988$; $\rho = 1000$ 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 (11x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.172 W/kg

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

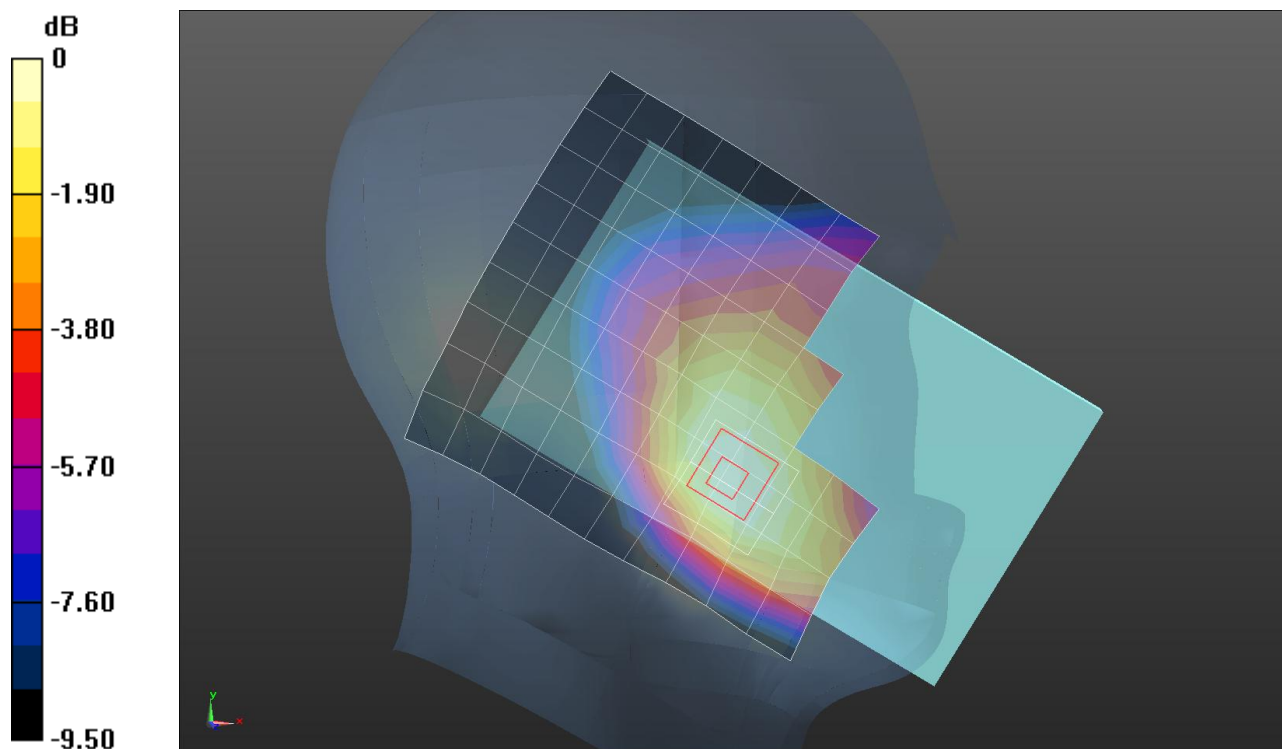
Reference Value = 12.38 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.129 W/kg

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

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

251ch / GSM 850 - GPRS 4slots

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 848.8 MHz; Duty Cycle: 1:2.08018

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

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 55.205$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (11x16x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.897 W/kg

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

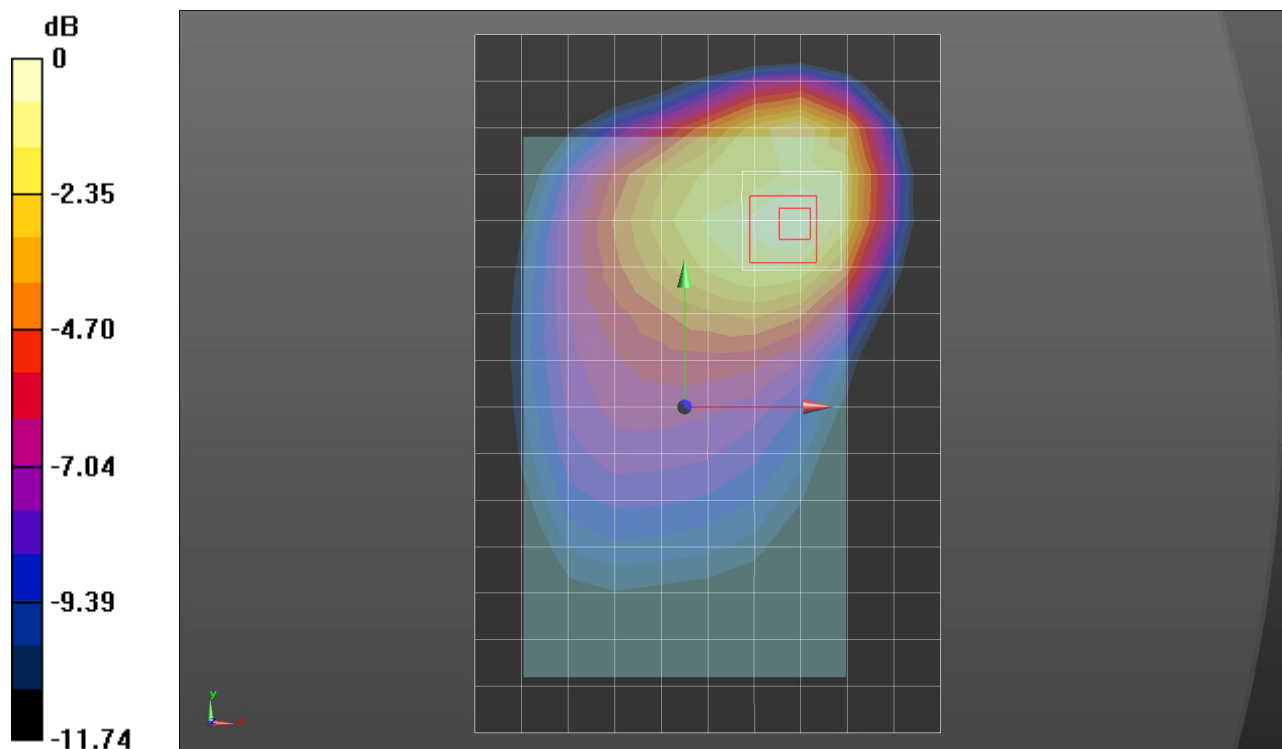
Reference Value = 25.01 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.524 W/kg

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

Maximum value of SAR (measured) = 0.888 W/kg



0 dB = 0.888 W/kg = -0.52 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

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; $\sigma = 1.389$ S/m; $\epsilon_r = 39.63$; $\rho = 1000$ 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 (11x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0552 W/kg

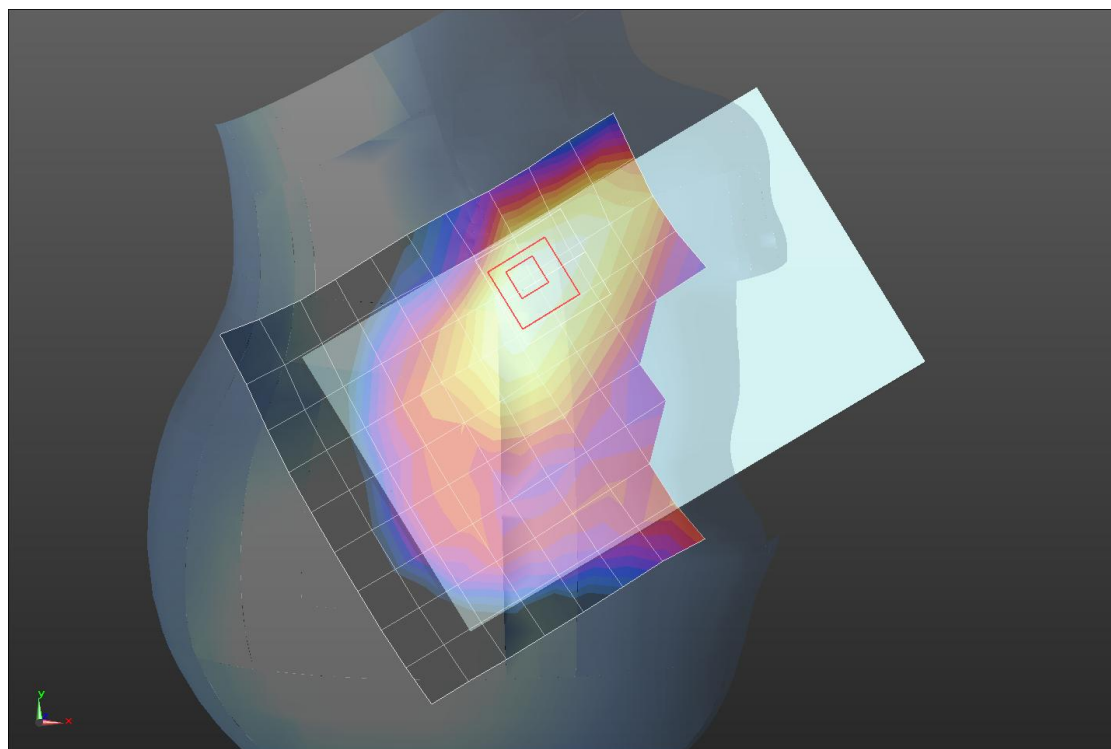
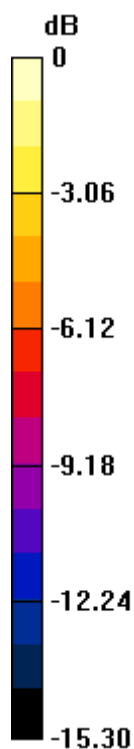
Head/Right Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.908 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0710 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0527 W/kg



0 dB = 0.0527 W/kg = -12.78 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

661ch / PCS 1900 - GPRS 4slots

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

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; $\sigma = 1.532$ S/m; $\epsilon_r = 52.514$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (11x16x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.238 W/kg

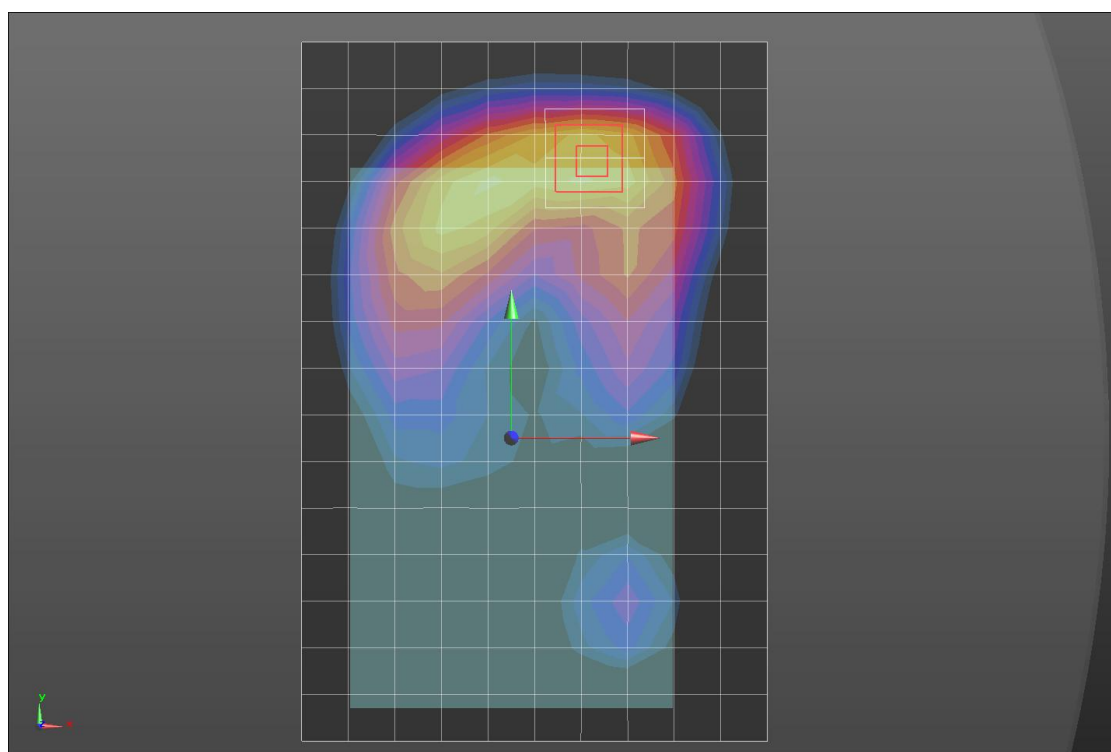
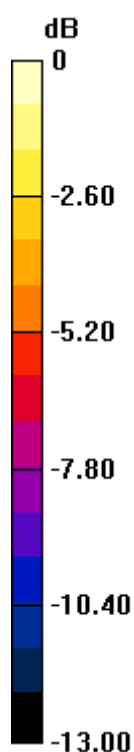
Body/Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.166 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4182ch / W-CDMA Band V

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

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; $\sigma = 0.908$ S/m; $\epsilon_r = 41.988$; $\rho = 1000$ 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 (11x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.155 W/kg

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

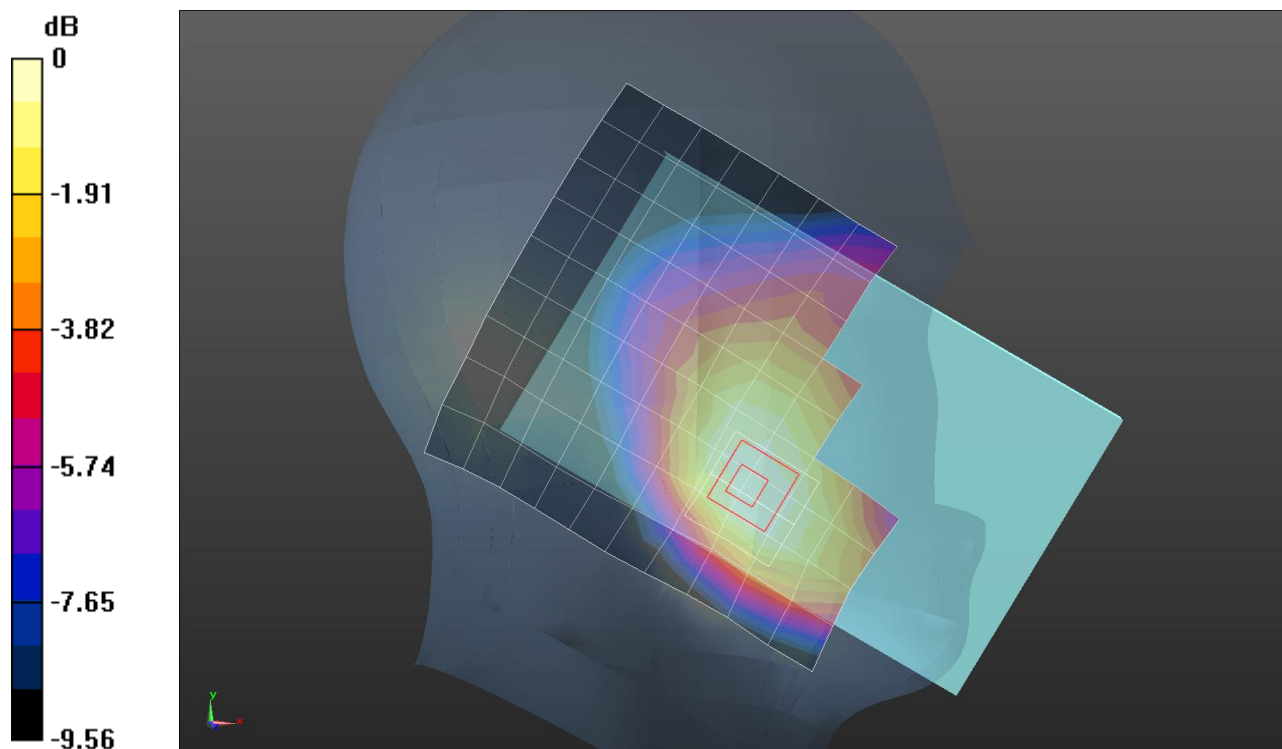
Reference Value = 11.81 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.118 W/kg

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

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

4233ch / W-CDMA Band V

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 846.6 MHz; Duty Cycle: 1:1

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

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.994$ S/m; $\epsilon_r = 55.222$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (11x16x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.845 W/kg

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

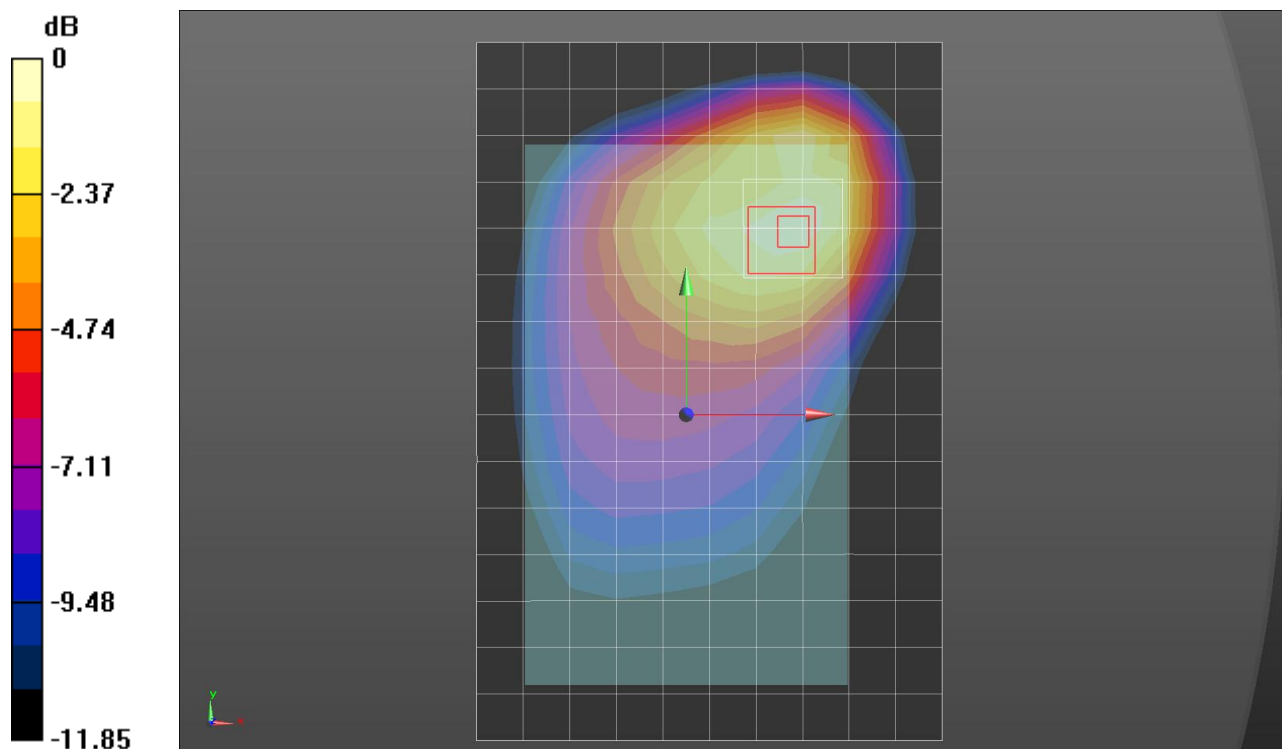
Reference Value = 24.25 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.497 W/kg

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

Maximum value of SAR (measured) = 0.845 W/kg



0 dB = 0.845 W/kg = -0.73 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

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

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 710 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 710$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 43.173$; $\rho = 1000$ kg/m³

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 (11x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.128 W/kg

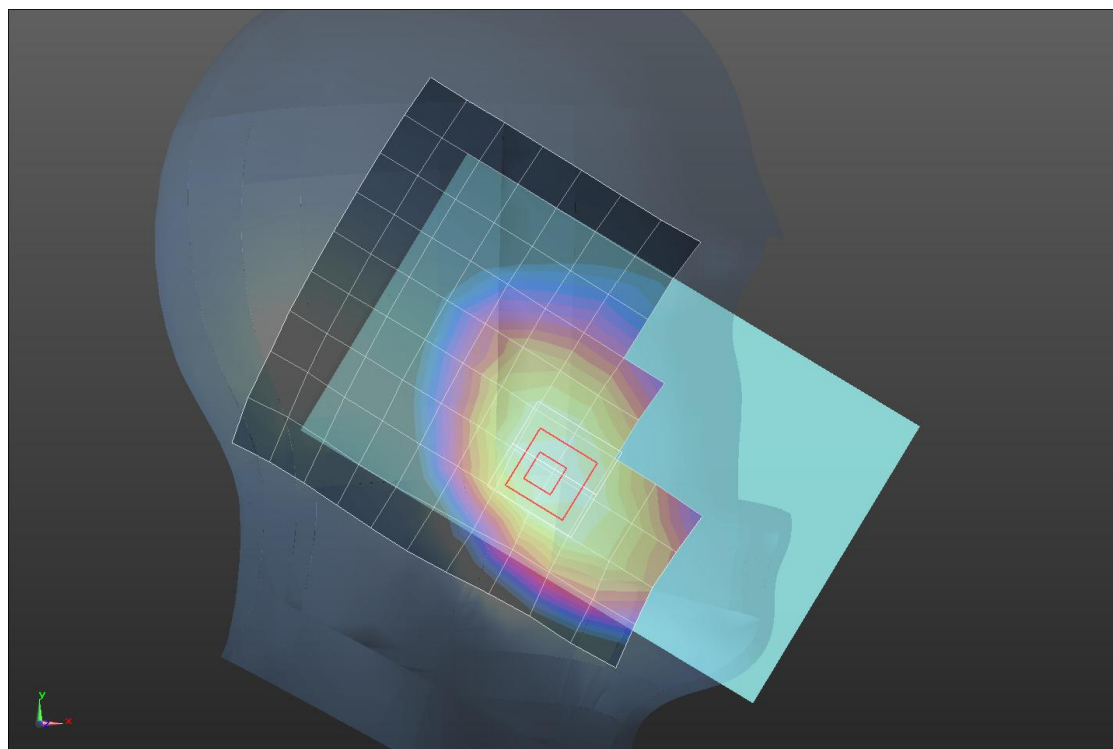
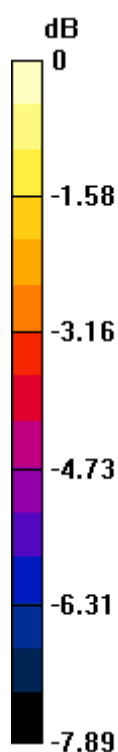
Head/Left Touched/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.94 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

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

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 710 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.932 \text{ S/m}$; $\epsilon_r = 56.618$; $\rho = 1000 \text{ kg/m}^3$

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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (11x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.458 W/kg

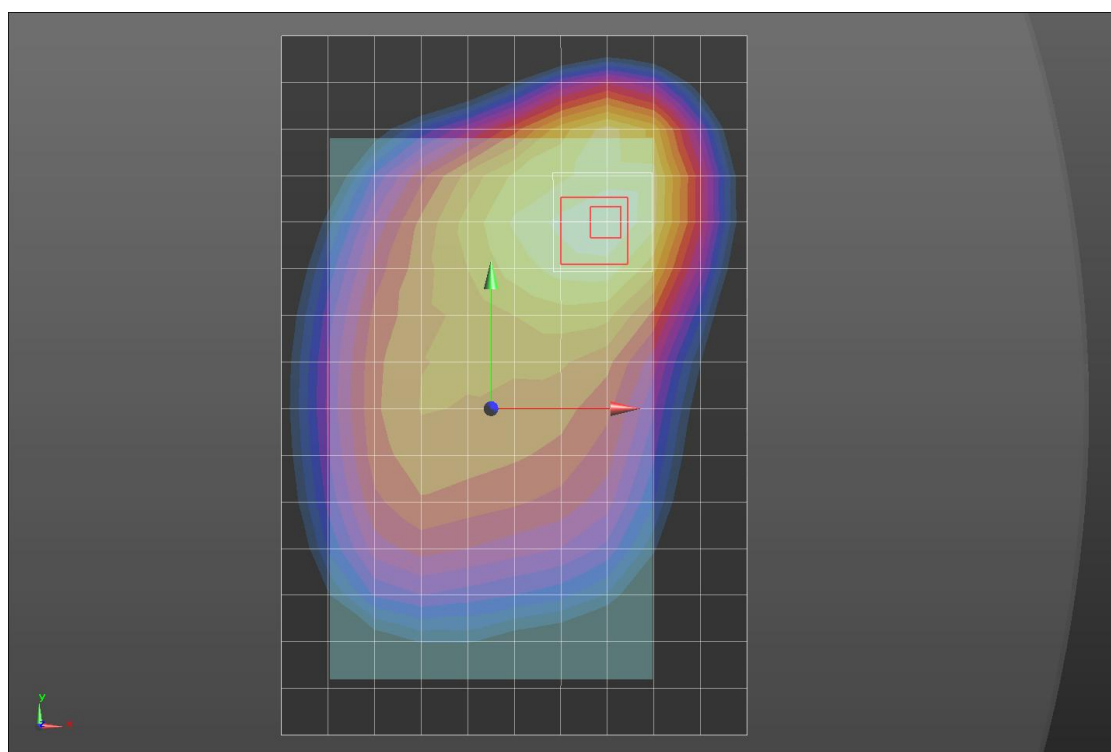
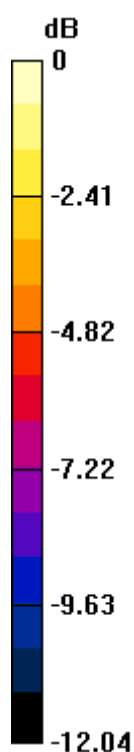
Body/Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.87 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.646 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 0.449 W/kg



0 dB = 0.449 W/kg = -3.48 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

11ch / 802.11b 1Mbps (ANT 0)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 2462 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.868$ S/m; $\epsilon_r = 39.035$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Flat/Area Scan (13x19x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0302 W/kg

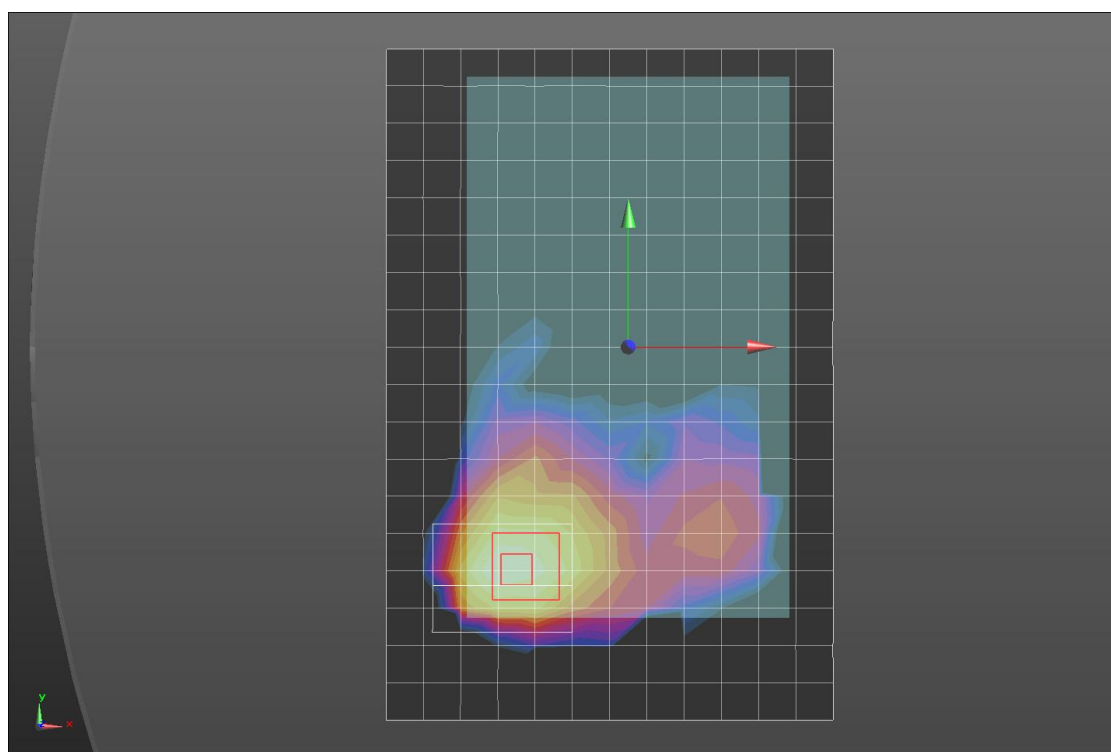
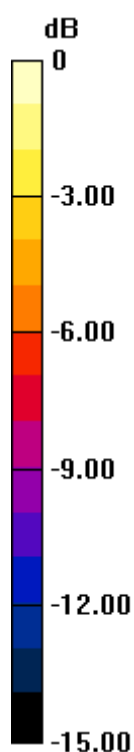
Head/Flat/Zoom Scan (10x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.057 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00823 W/kg

Maximum value of SAR (measured) = 0.0285 W/kg



0 dB = 0.0285 W/kg = -15.45 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

11ch / 802.11b 1Mbps (ANT 0)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 2462 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 52.203$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front/Area Scan (13x19x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0348 W/kg

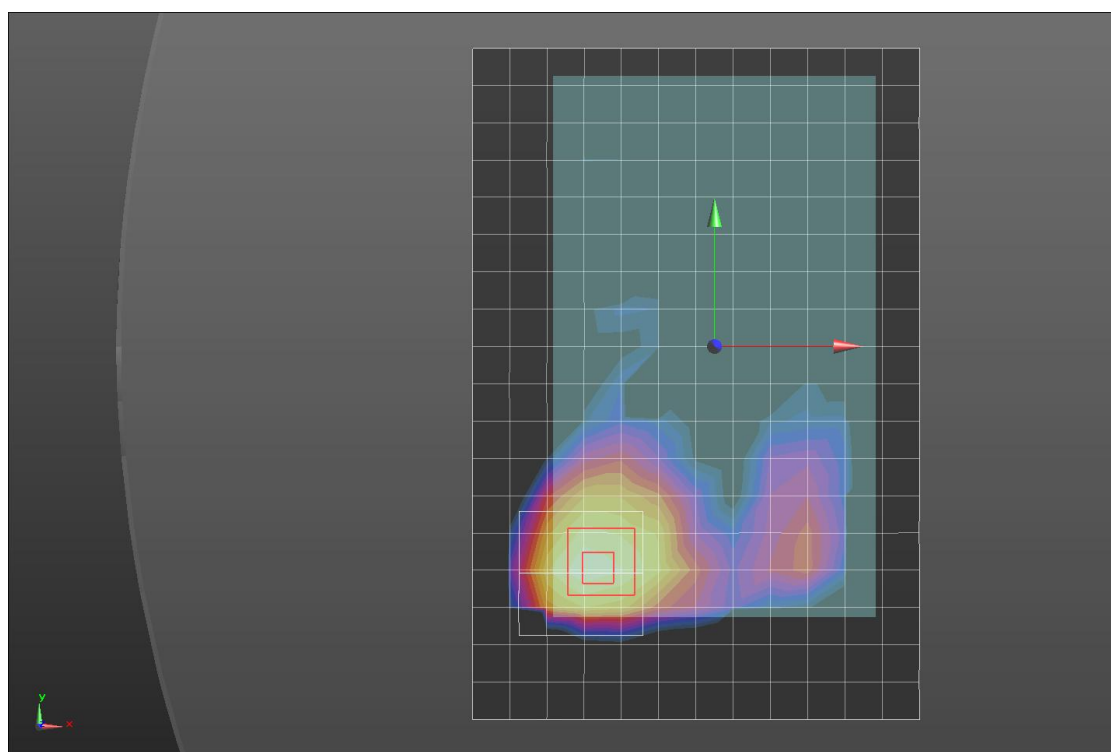
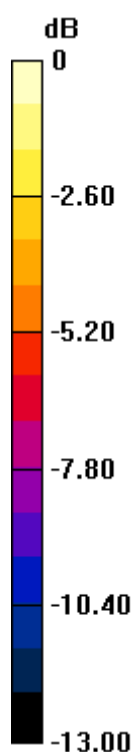
Body/Front/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.903 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0350 W/kg



0 dB = 0.0350 W/kg = -14.56 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 1)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 2412 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.811$ S/m; $\epsilon_r = 39.699$; $\rho = 1000$ 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 (15x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.00889 W/kg

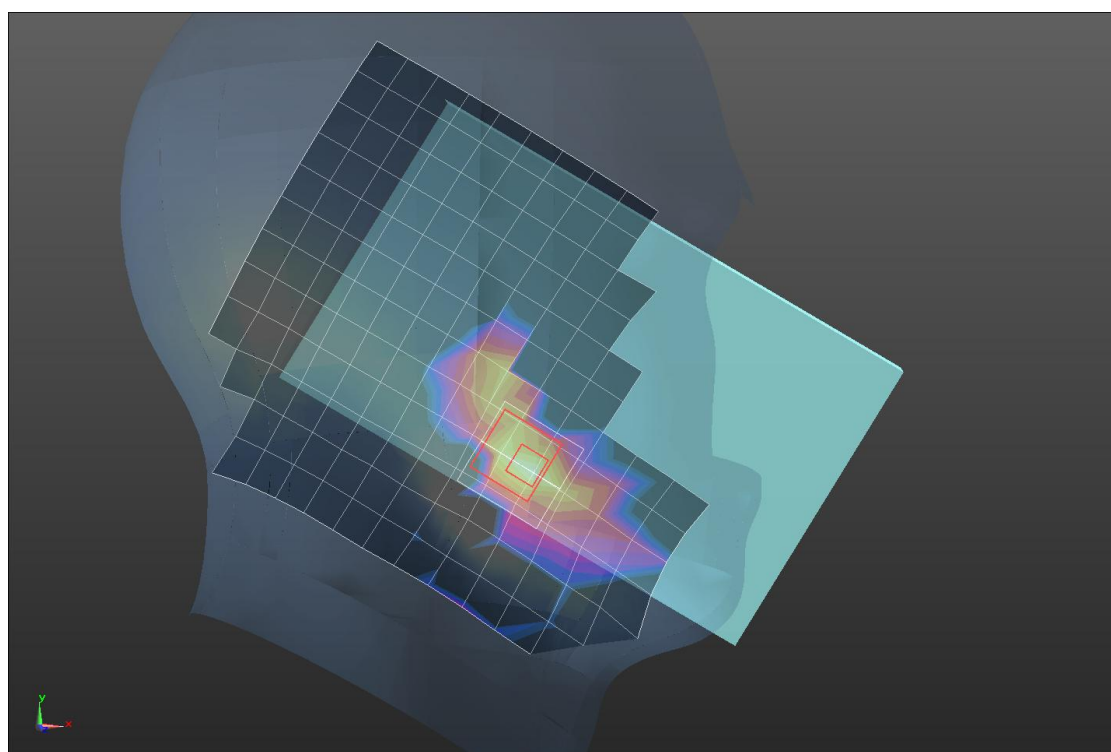
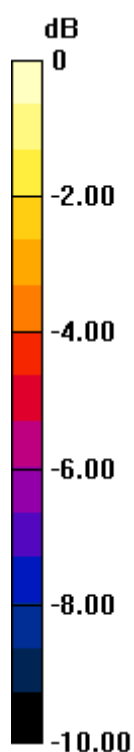
Head/Left Touched/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.065 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00554 W/kg; SAR(10 g) = 0.002 W/kg

Maximum value of SAR (measured) = 0.00966 W/kg



0 dB = 0.00966 W/kg = -20.15 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

1ch / 802.11b 1Mbps (ANT 1)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 2412 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.897$ S/m; $\epsilon_r = 52.397$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (13x19x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0885 W/kg

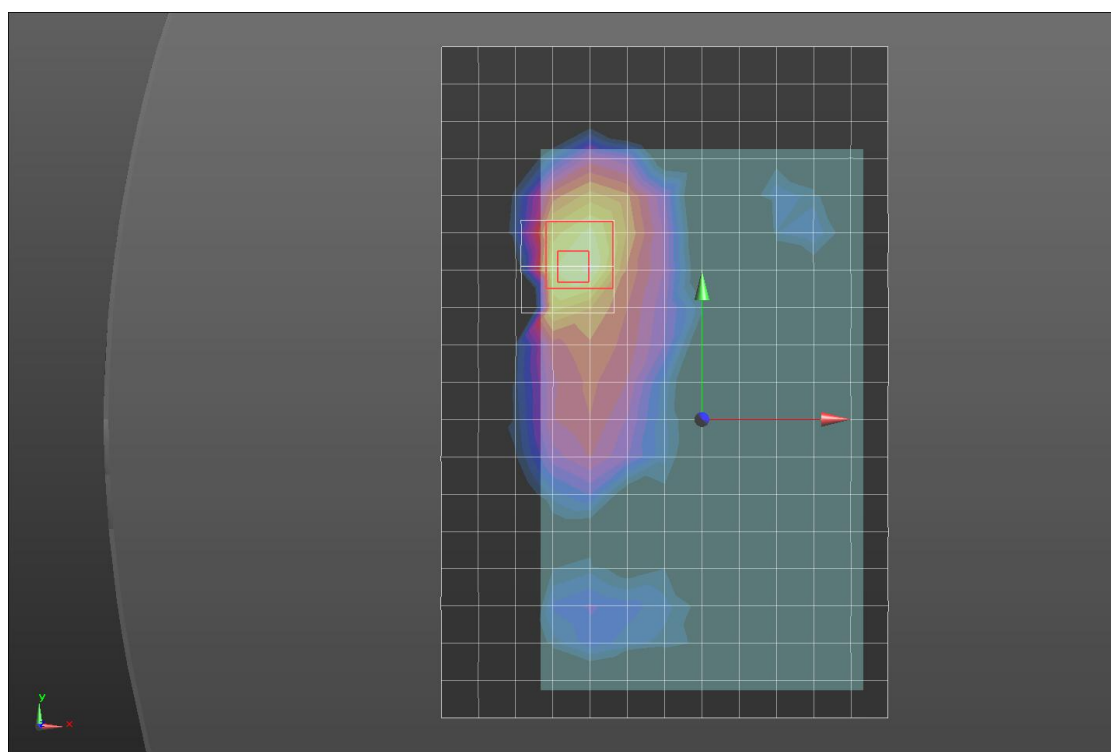
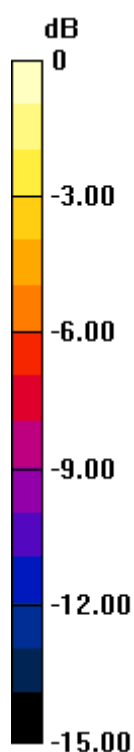
Body/Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.198 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg = -9.79 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

58ch / 802.11ac VHT80 MCS0 (ANT 0)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 5290 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.687$ S/m; $\epsilon_r = 36.495$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Flat/Area Scan (16x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.127 W/kg

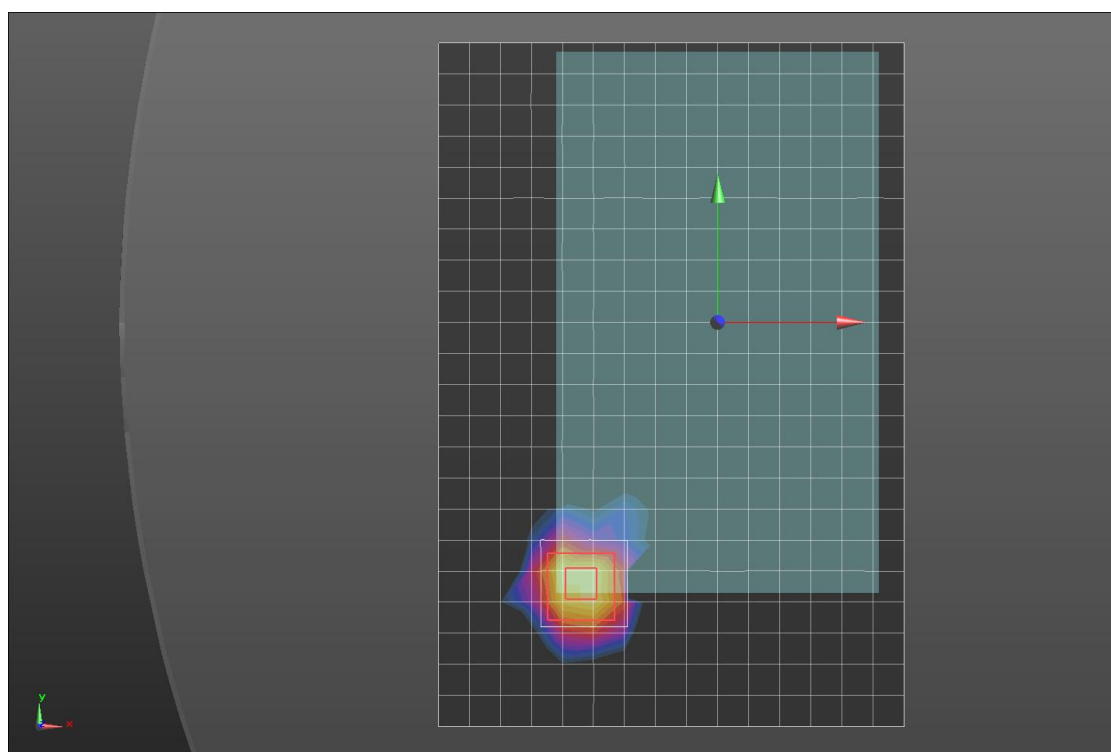
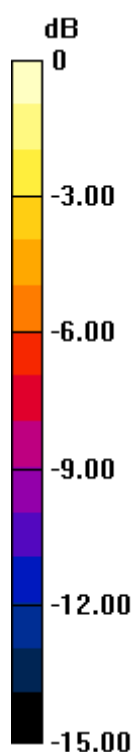
Head/Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.312 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.025 W/kg

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



0 dB = 0.179 W/kg = -7.47 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

58ch / 802.11ac VHT80 MCS0 (ANT 0)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 5290 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.534$ S/m; $\epsilon_r = 48.607$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front/Area Scan (16x22x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.128 W/kg

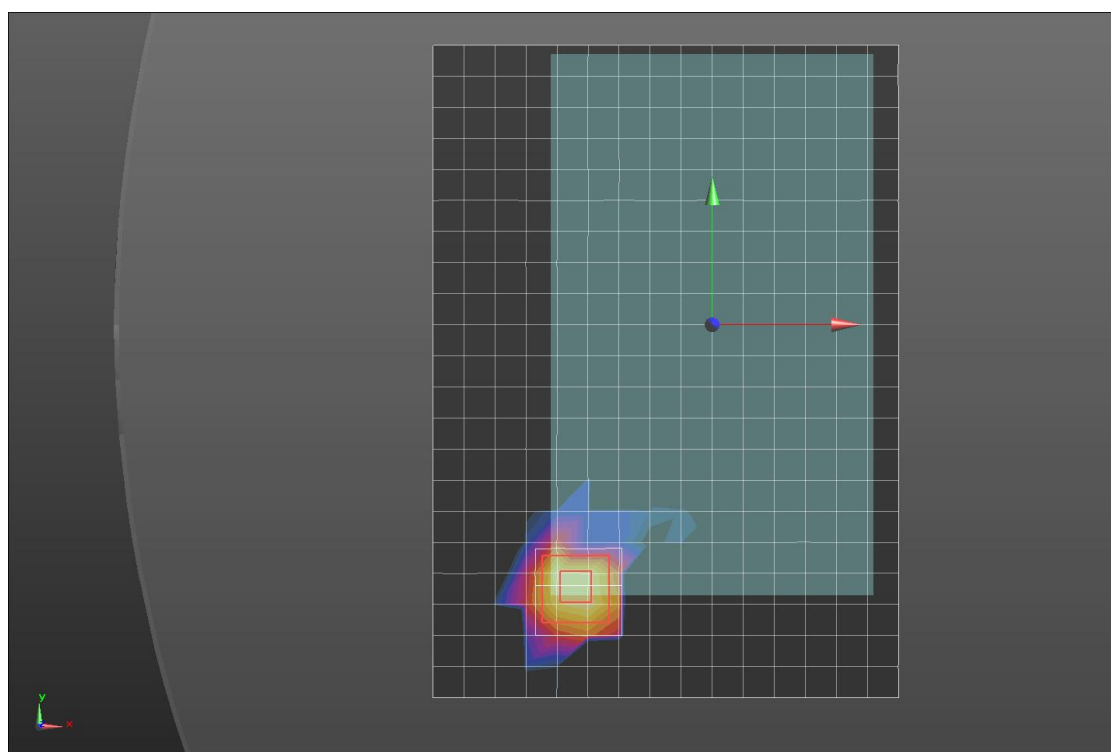
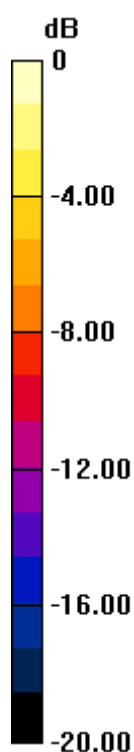
Body/Front/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.837 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.180 W/kg = -7.45 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

58ch / 802.11ac VHT80 MCS0 (ANT 1)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 5290 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.687$ S/m; $\epsilon_r = 36.495$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Flat/Area Scan (17x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0268 W/kg

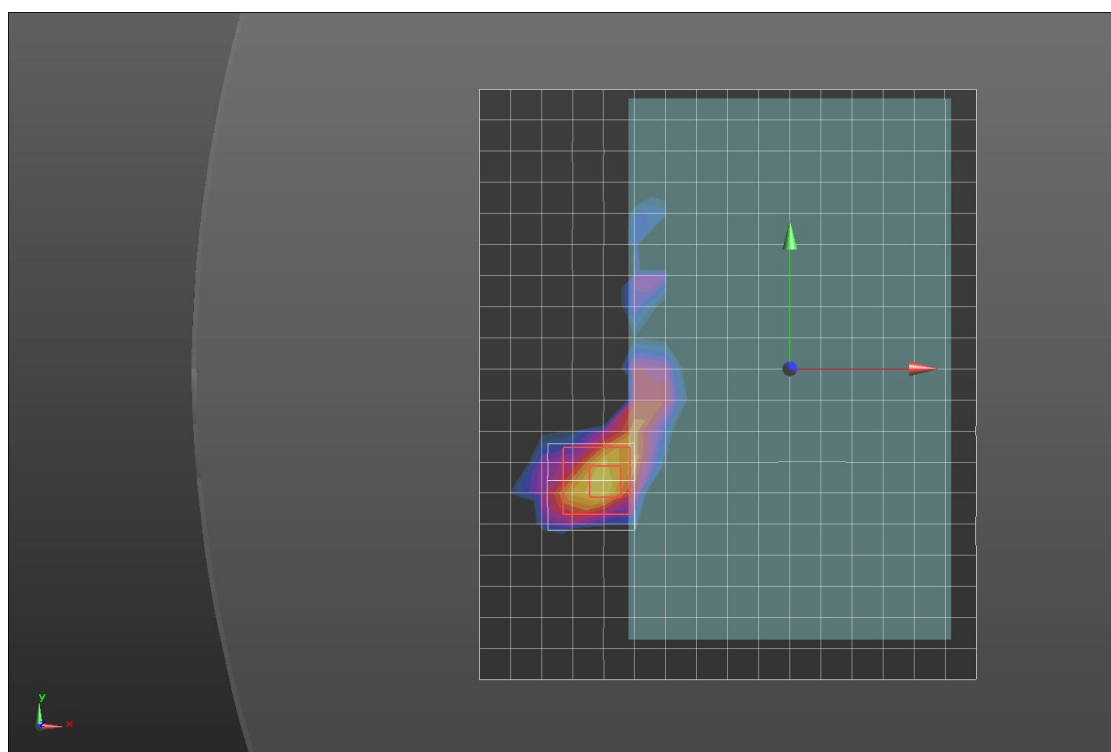
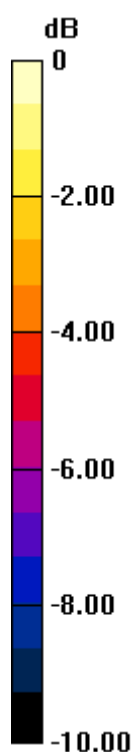
Head/Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.642 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00617 W/kg

Maximum value of SAR (measured) = 0.0368 W/kg



0 dB = 0.0368 W/kg = -14.34 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

58ch / 802.11ac VHT80 MCS0 (ANT 1)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 5290 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.534$ S/m; $\epsilon_r = 48.607$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (17x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.142 W/kg

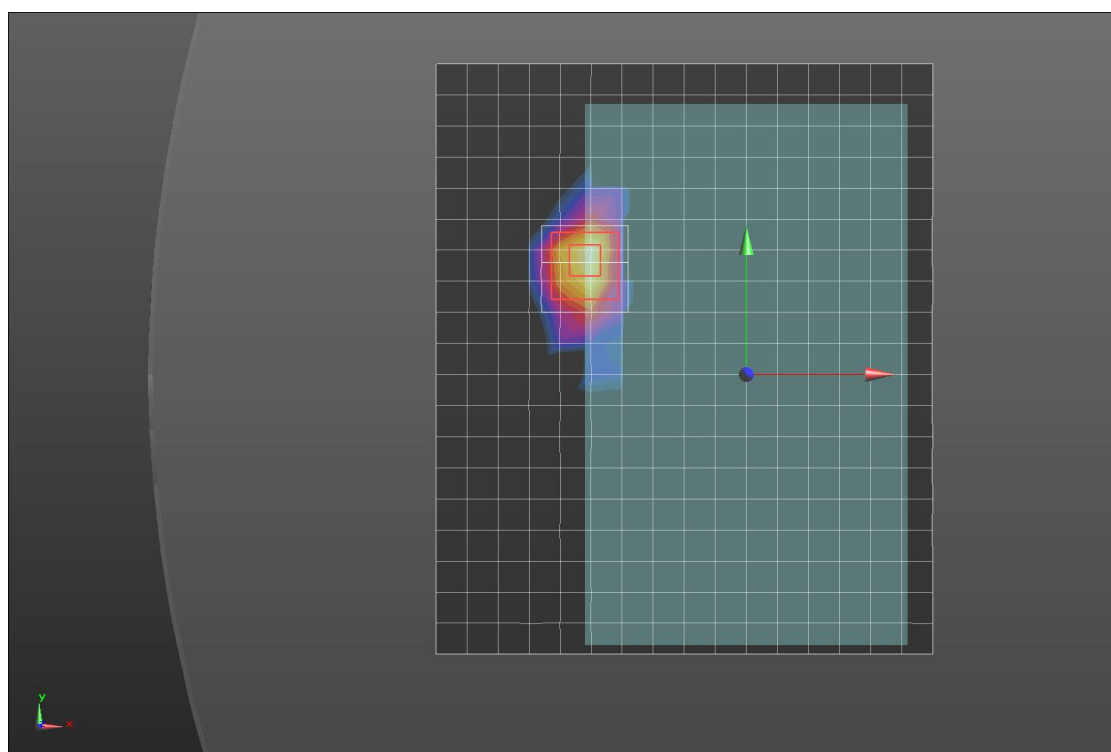
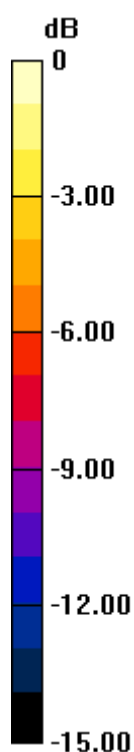
Body/Rear/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.013 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.146 W/kg



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

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

122ch / 802.11ac VHT80 MCS0 (ANT 0)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 5610 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5610$ MHz; $\sigma = 4.991$ S/m; $\epsilon_r = 35.713$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Flat/Area Scan (16x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.121 W/kg

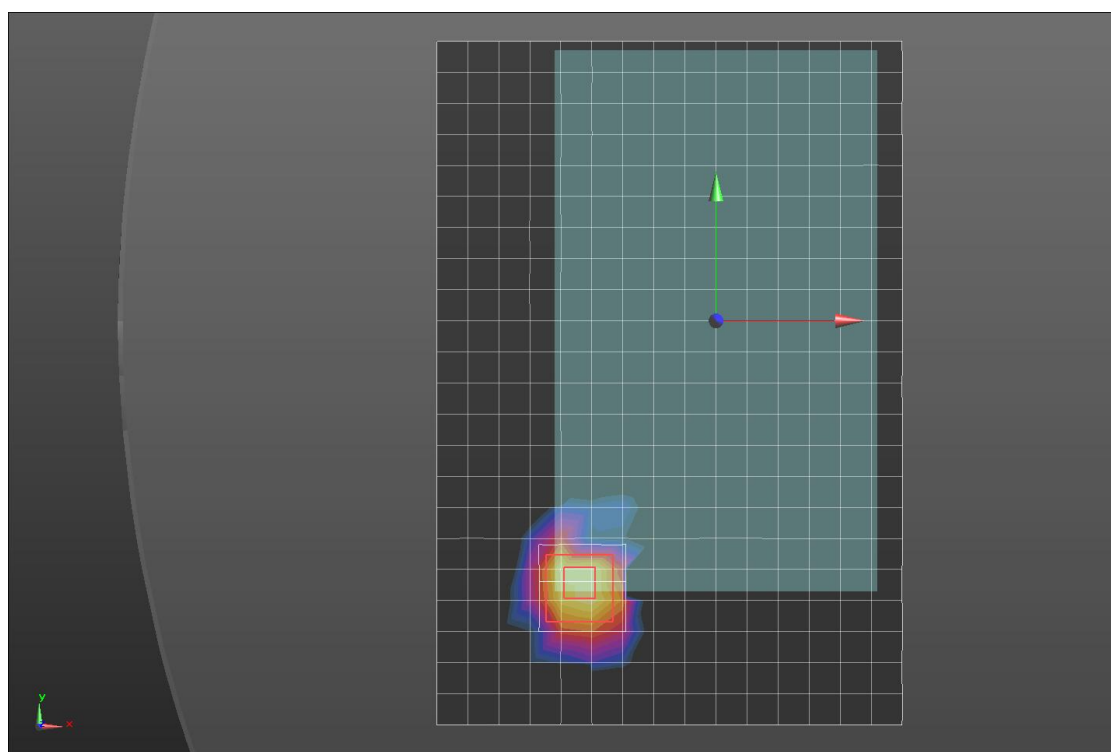
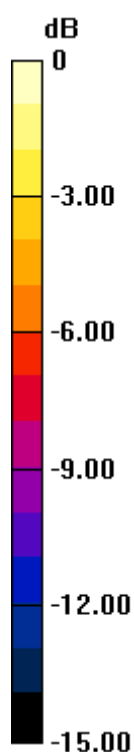
Head/Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.023 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.023 W/kg

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



0 dB = 0.165 W/kg = -7.83 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

122ch / 802.11ac VHT80 MCS0 (ANT 0)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 5610 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.969$ S/m; $\epsilon_r = 48.175$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Front/Area Scan (16x22x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.132 W/kg

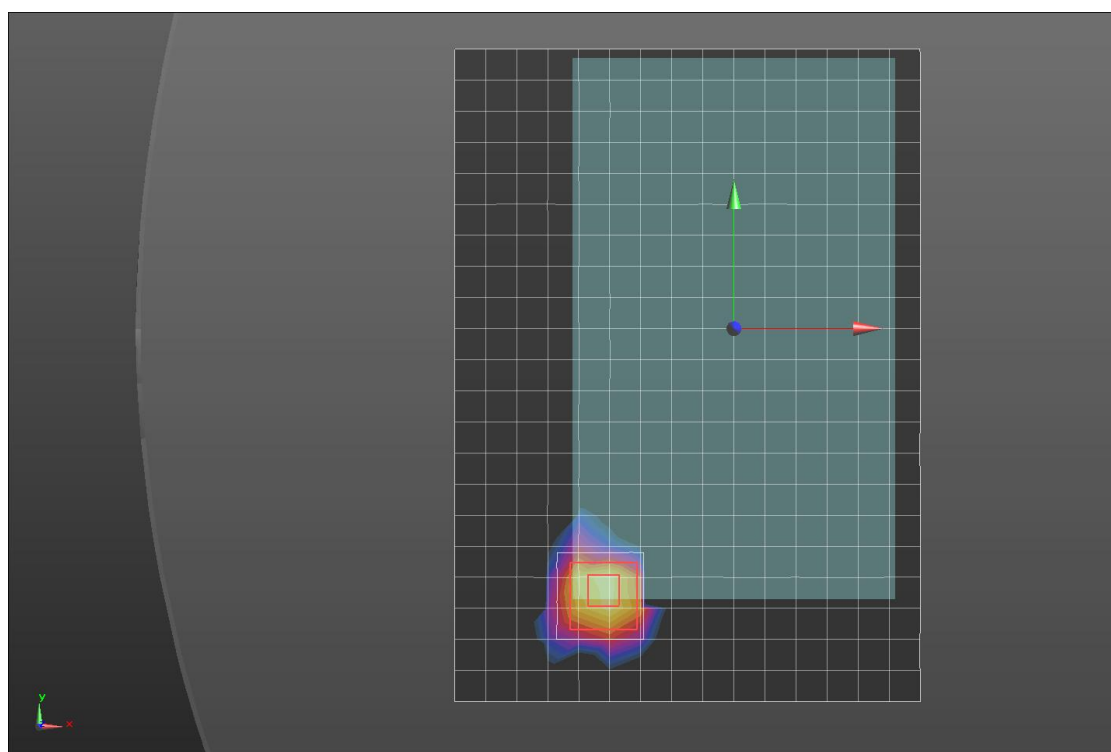
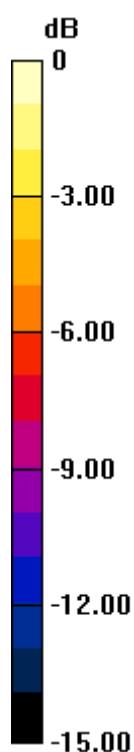
Body/Front/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.236 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -7.57 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

106ch / 802.11ac VHT80 MCS0 (ANT 1)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 5530 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5530$ MHz; $\sigma = 4.916$ S/m; $\epsilon_r = 35.818$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Head/Flat/Area Scan (17x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0324 W/kg

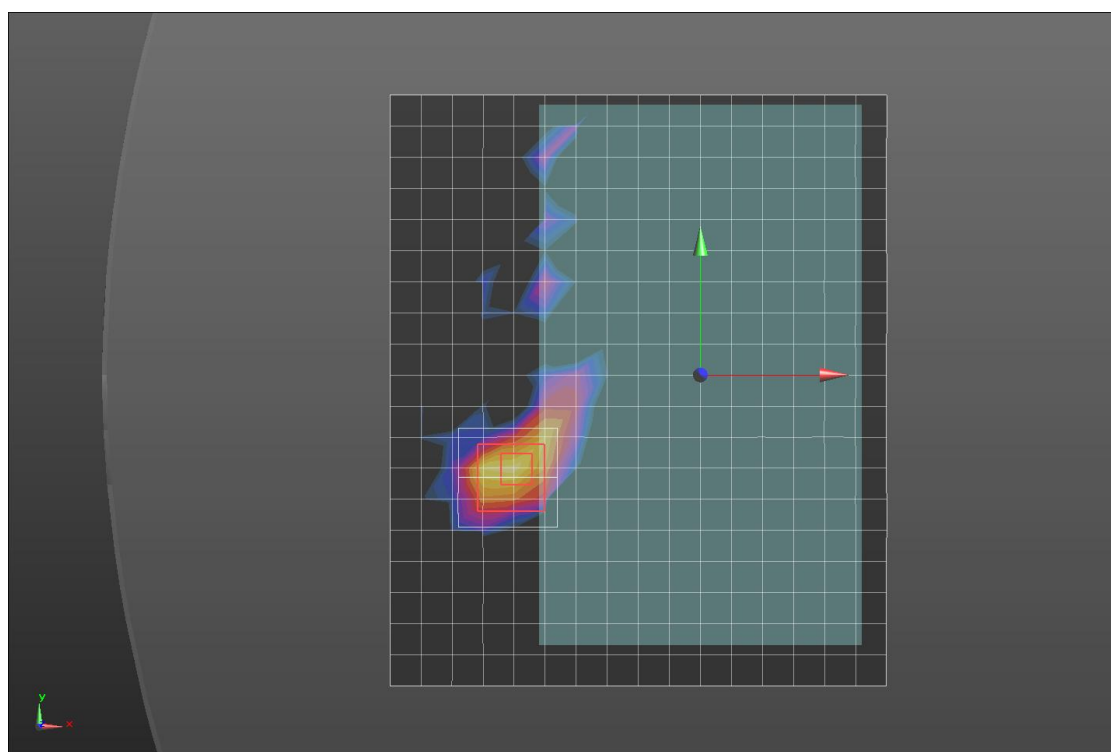
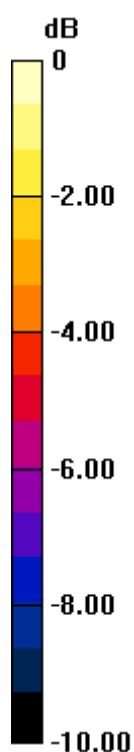
Head/Flat/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.606 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00744 W/kg

Maximum value of SAR (measured) = 0.0401 W/kg



0 dB = 0.0401 W/kg = -13.97 dBW/kg

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

106ch / 802.11ac VHT80 MCS0 (ANT 1)

DUT: Phablet; Type: SH-05G; Serial: 004401115430411

Frequency: 5530 MHz; Duty Cycle: 1:1

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

Medium parameters used: $f = 5530$ MHz; $\sigma = 5.871$ S/m; $\epsilon_r = 48.309$; $\rho = 1000$ 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: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1063
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Body/Rear/Area Scan (17x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0967 W/kg

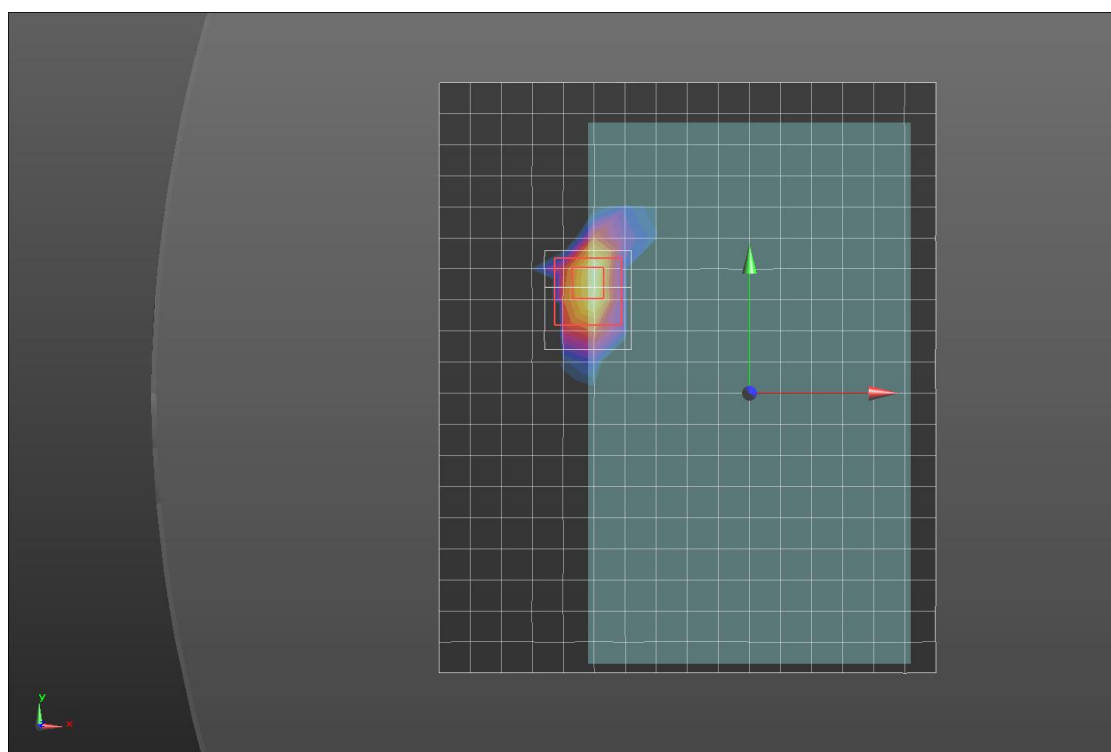
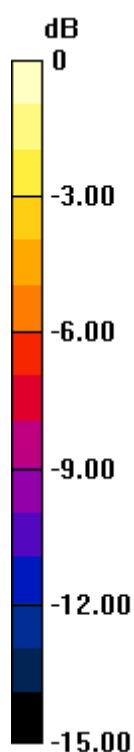
Body/Rear/Zoom Scan (8x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.678 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.111 W/kg = -9.55 dBW/kg