

Test Laboratory: Intertek

System Check 750 Head

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL750 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 41.86$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.89, 9.89, 9.89); Calibrated: 5/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 2 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Area Scan (61x141x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.39 W/kg

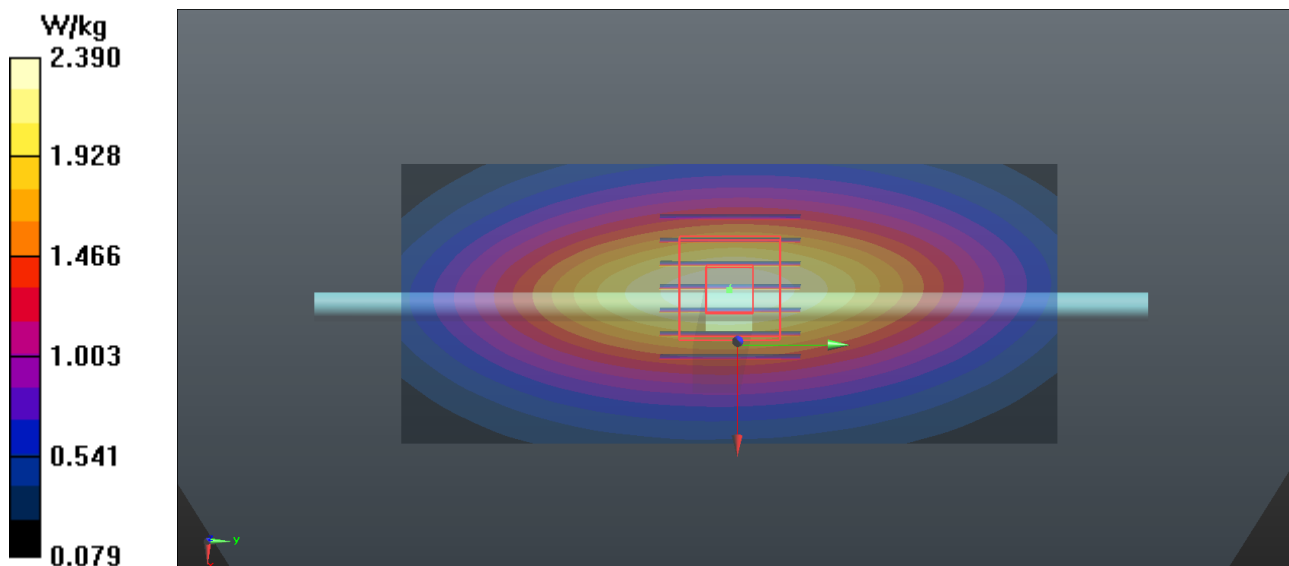
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 51.67 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 2.05 W/kg; SAR(10 g) = 1.36 W/kg

Maximum value of SAR (measured) = 2.39 W/kg



Test Laboratory: Intertek Service

System Check 835 HEAD

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(9.38, 9.38, 9.38); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 2 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Pin=250 mW/Area Scan (51x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.32 W/kg

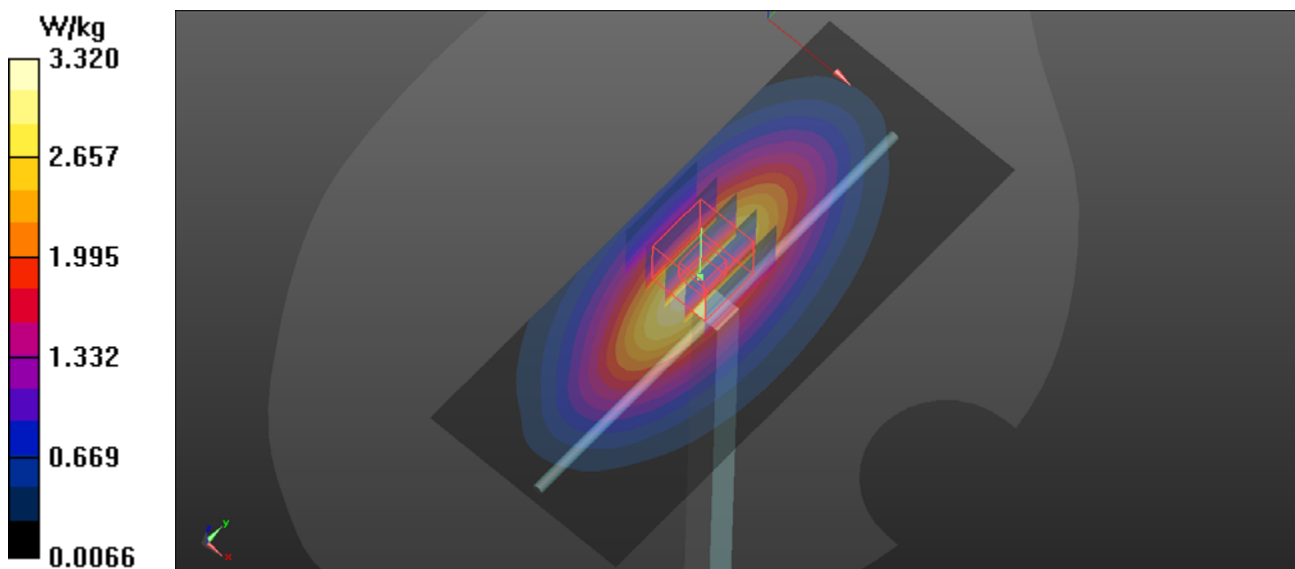
Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.76 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (measured) = 3.04 W/kg



Test Laboratory: Intertek Service

System Check 1750 HEAD

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: 1750 Head Medium parameters used: $f = 1750$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.724$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.41, 8.41, 8.41); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 2 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Pin=250 mW/Area Scan (61x81x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 10.9 W/kg

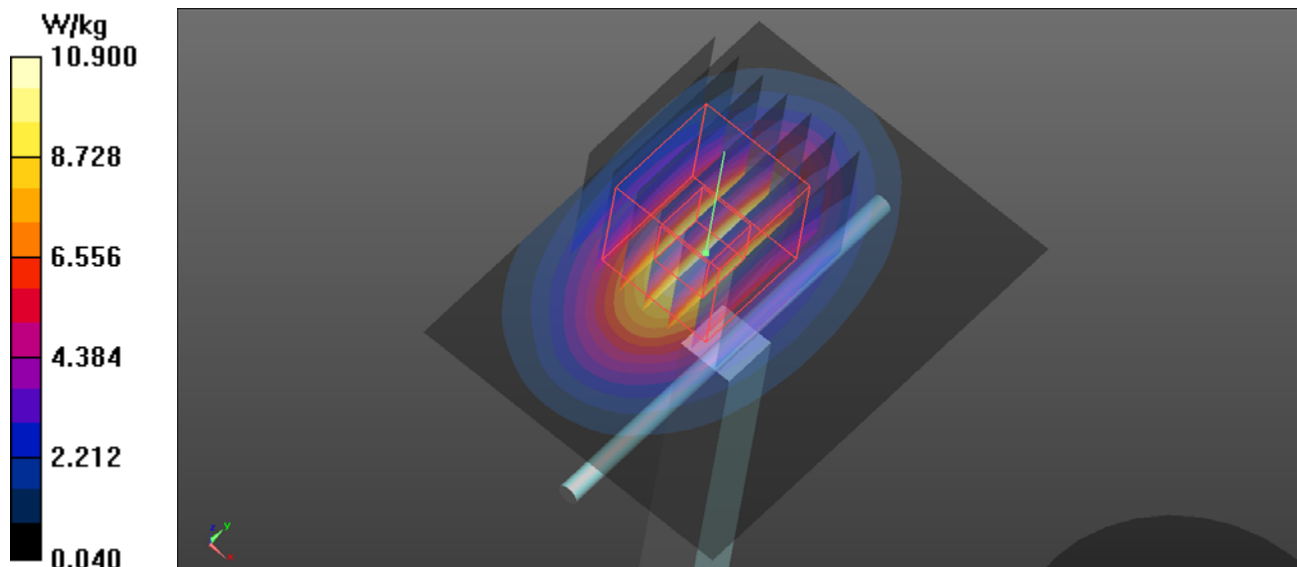
Pin=250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 72.97 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 8.7 W/kg; SAR(10 g) = 4.73 W/kg

Maximum value of SAR (measured) = 10.9 W/kg



Test Laboratory: Intertek Service

System Check 1900 HEAD

Communication System: UID 0, _CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1950 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.88, 7.88, 7.88); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 2 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Pin=250 mW/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.8 W/kg

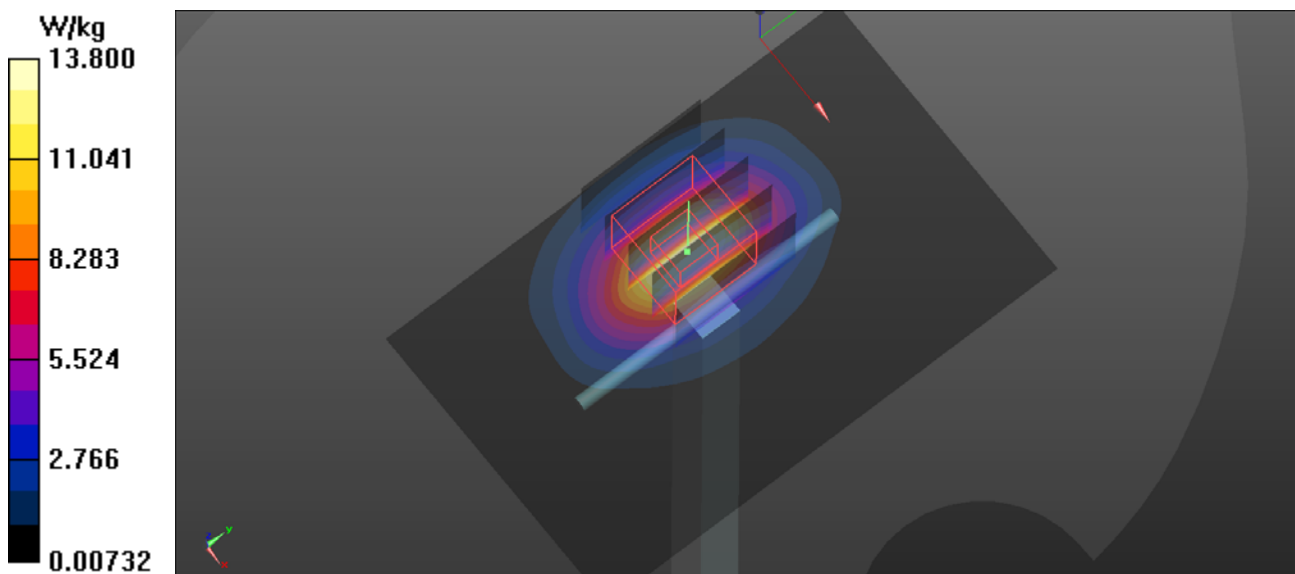
Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.80 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 9.2 W/kg; SAR(10 g) = 4.92 W/kg

Maximum value of SAR (measured) = 13.9 W/kg



Test Laboratory: Intertek

System Check 2300 Head

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1

Medium: HSL2300 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.703$ S/m; $\epsilon_r = 40.43$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.64, 7.64, 7.64); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Area Scan (51x81x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 16.5 W/kg

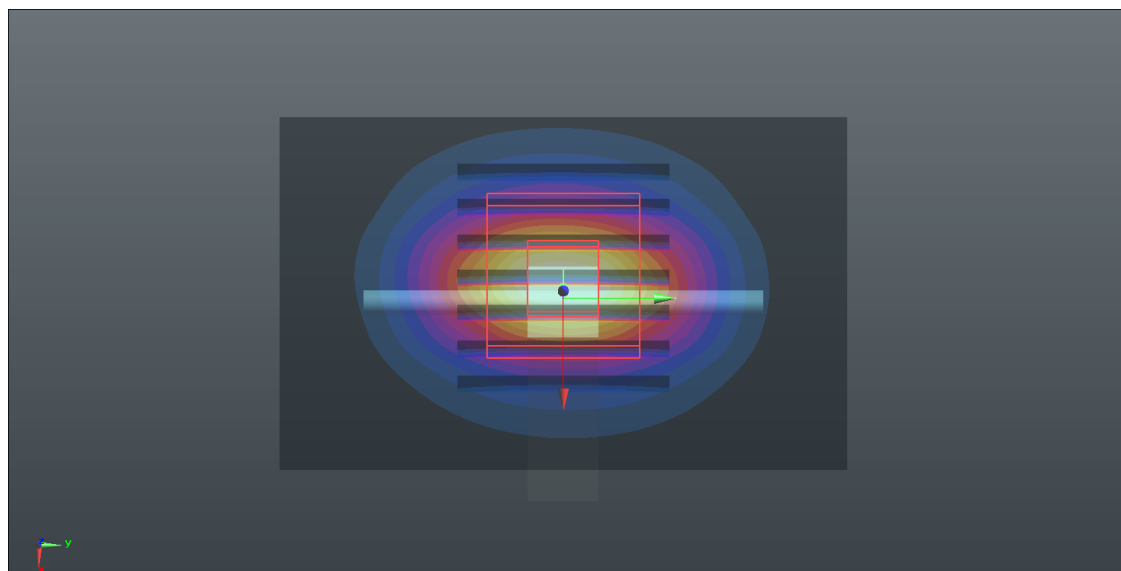
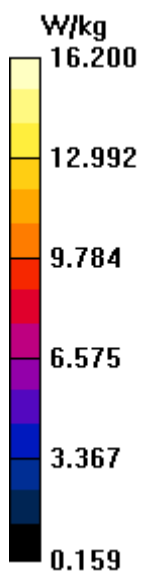
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 97.35 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 24.5 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.99 W/kg

Maximum value of SAR (measured) = 16.2 W/kg



Test Laboratory: Intertek Service

System Check 2450 HEAD

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 HSL Medium parameters used: $f = 2450$ MHz; $\sigma = 1.825$ S/m; $\epsilon_r = 37.945$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.36, 7.36, 7.36); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Pin=250 mW/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 18.4 W/kg

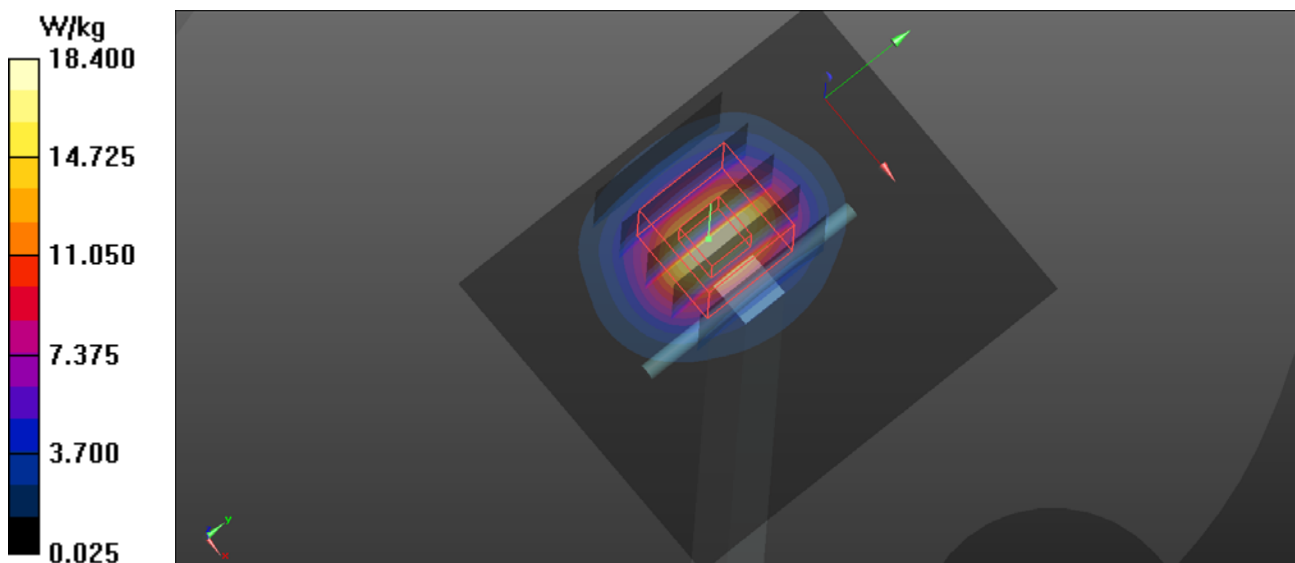
Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.14 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 27.8 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.19 W/kg

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



Test Laboratory: Intertek Service

System Check 2600 HEAD

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 38.491$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.09, 7.09, 7.09); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (41x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 21.3 W/kg

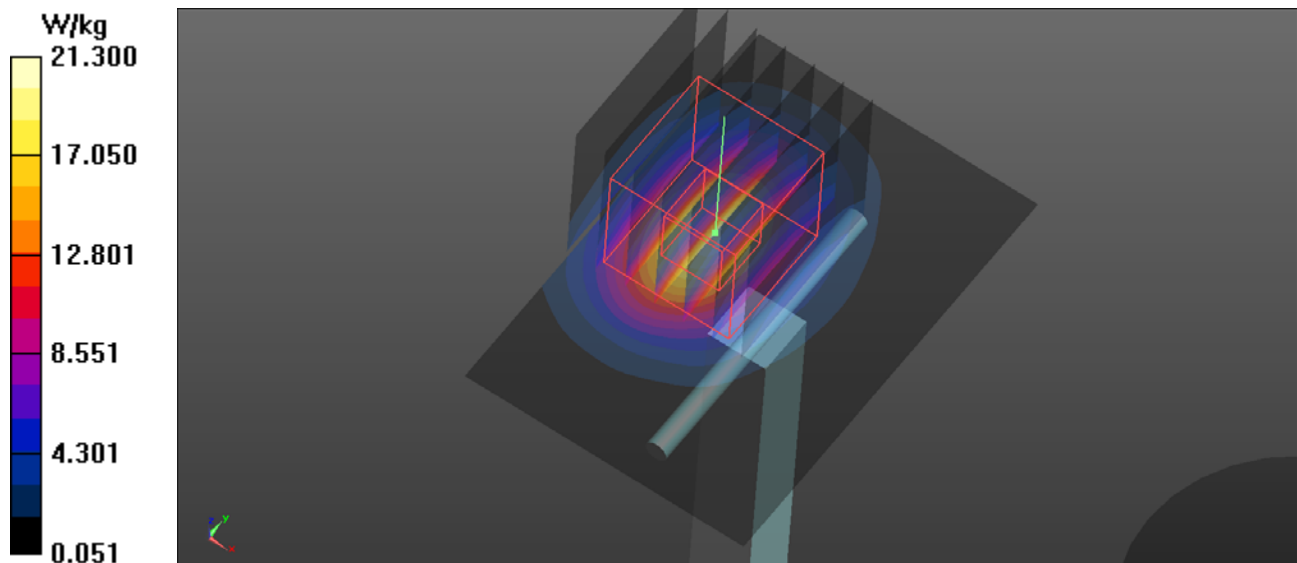
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 74.66 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 15.1 W/kg; SAR(10 g) = 6.74 W/kg

Maximum value of SAR (measured) = 20.3 W/kg



Test Laboratory: Intertek Service

System Check 5.3G Head

Communication System: UID 0, CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL 5GHz Medium parameters used: $f = 5300$ MHz; $\sigma = 4.62$ S/m; $\epsilon_r = 35.41$; $\rho = 1000$

kg/m³ Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.25, 5.25, 5.25); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.04 W/kg

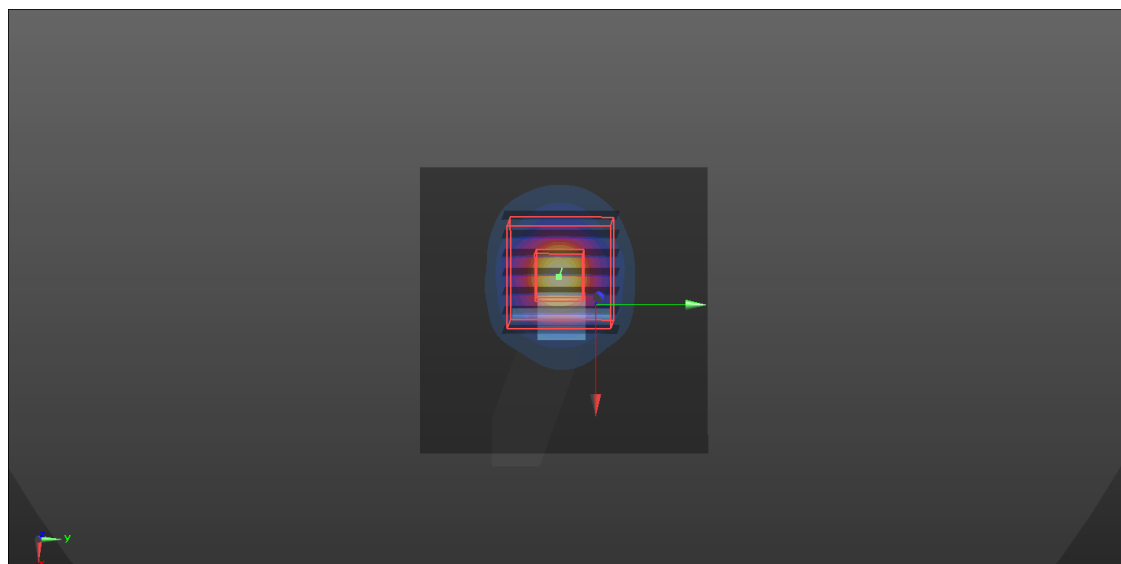
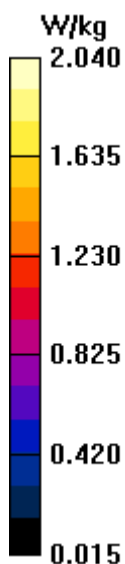
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.08 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 1.96 W/kg



Test Laboratory: Intertek Service

System Check 5.6G Head

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL 5GHz Medium parameters used: $f = 5600$ MHz; $\sigma = 4.97$ S/m; $\epsilon_r = 34.93$; $\rho =$

1000 kg/m^3 Phantom section: Flat Section

Ambient Temperature: 22.0°C ; Liquid Temperature: 21.5°C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.73, 4.73, 4.73); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.07 W/kg

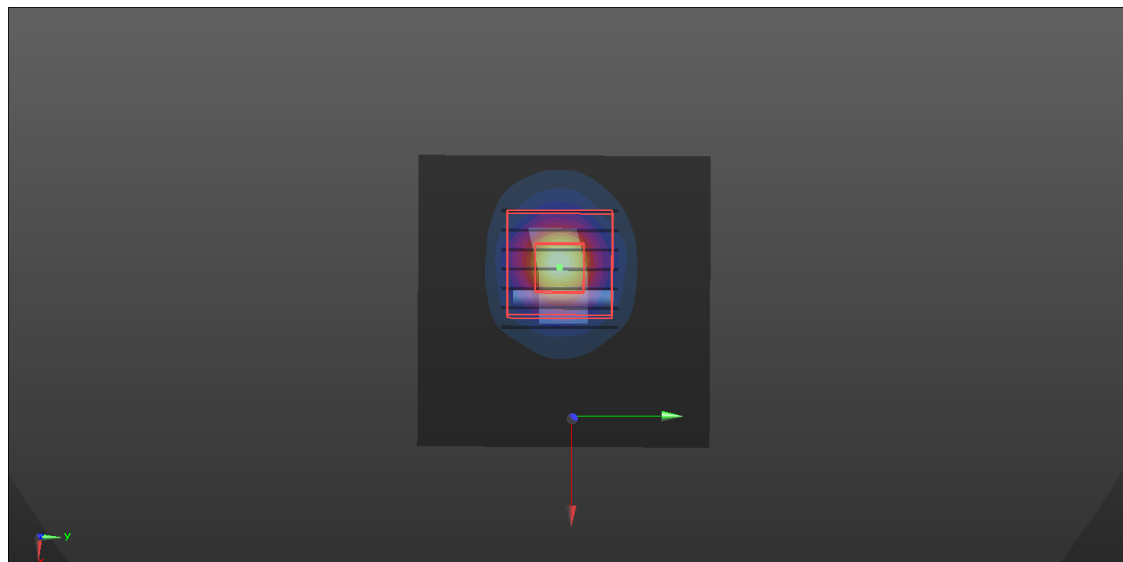
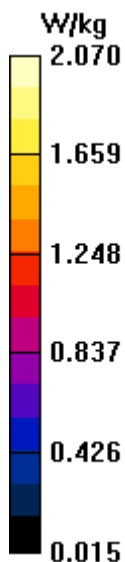
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 15.87 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.94 W/kg

SAR(1 g) = 0.873 W/kg ; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 2.26 W/kg



Test Laboratory: Intertek Service

System Check 5.8G Head

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL 5GHz Medium parameters used: $f = 5800$ MHz; $\sigma = 5.12$ S/m; $\epsilon_r = 34.54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.77, 4.77, 4.77); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.97 W/kg

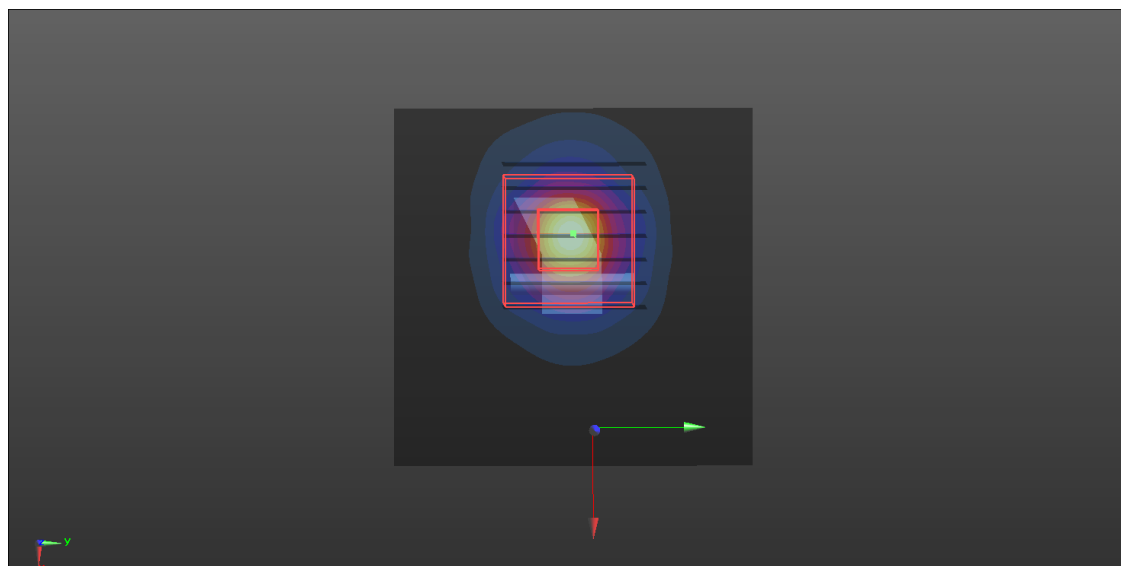
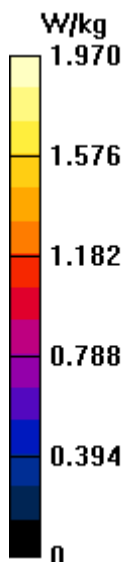
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 14.88 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 1.97 W/kg



Test Laboratory: Intertek

System Check 750 Body

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: MSL 750 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.968 \text{ S/m}$; $\epsilon_r = 57.504$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.89, 9.89, 9.89); Calibrated: 5/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Area Scan (61x141x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.40 W/kg

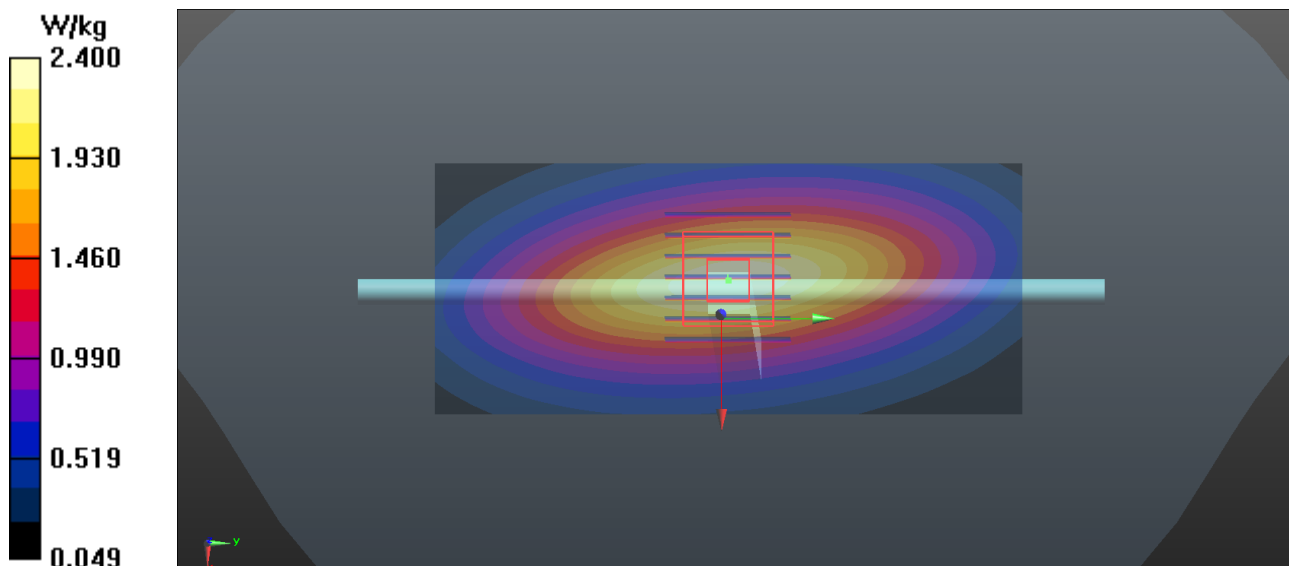
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 52.67 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.4 W/kg

Maximum value of SAR (measured) = 2.42 W/kg



Test Laboratory: Intertek Service

System Check 835 BODY

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.969 \text{ S/m}$; $\epsilon_r = 53.932$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(9.77, 9.77, 9.77); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Pin=250 mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.33 W/kg

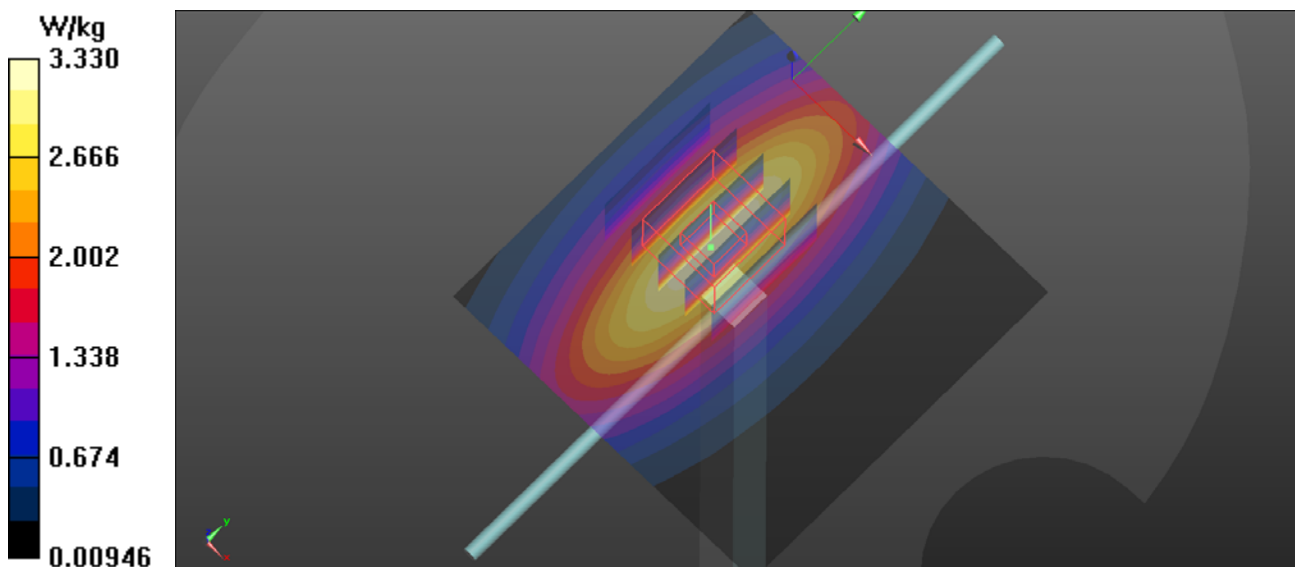
Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 54.10 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.77 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.59 W/kg

Maximum value of SAR (measured) = 3.28 W/kg



Test Laboratory: Intertek

System Check 1750 BODY

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.72, 7.72, 7.72); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Pin=250 mW/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.6 W/kg

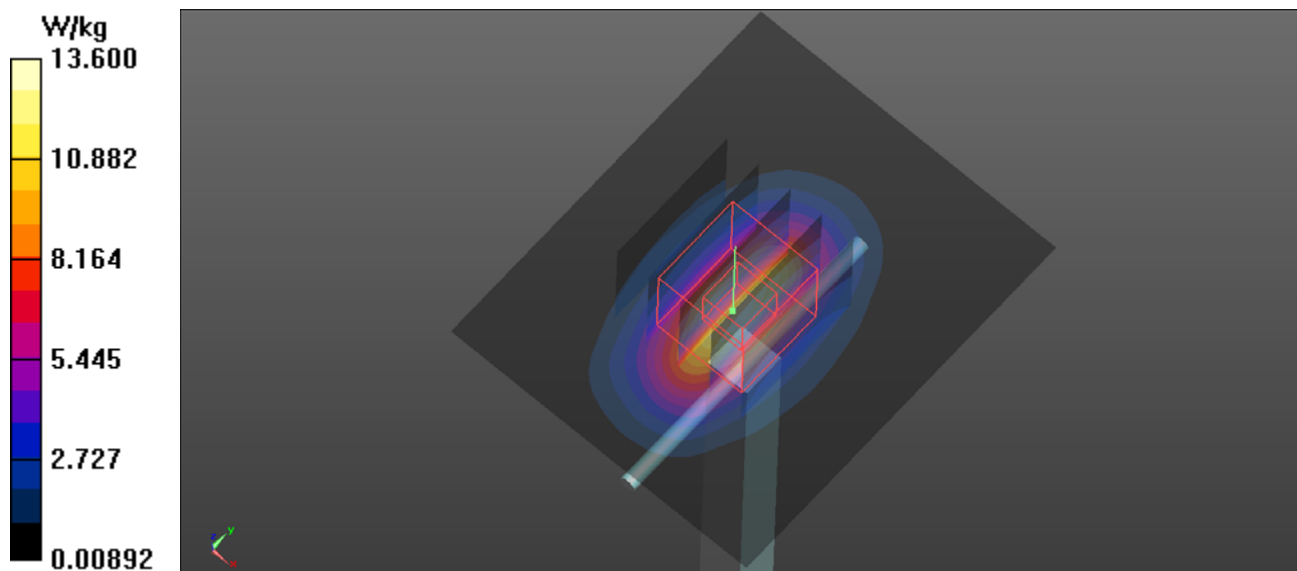
Pin=250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.38 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.1 W/kg

SAR(1 g) = 9 W/kg; SAR(10 g) = 4.79 W/kg

Maximum value of SAR (measured) = 12.8 W/kg



Test Laboratory: Intertek Service

System Check 1900 BODY

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL1950 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.47$ S/m; $\epsilon_r = 52.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.73, 7.73, 7.73); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: xxxx
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.0 W/kg

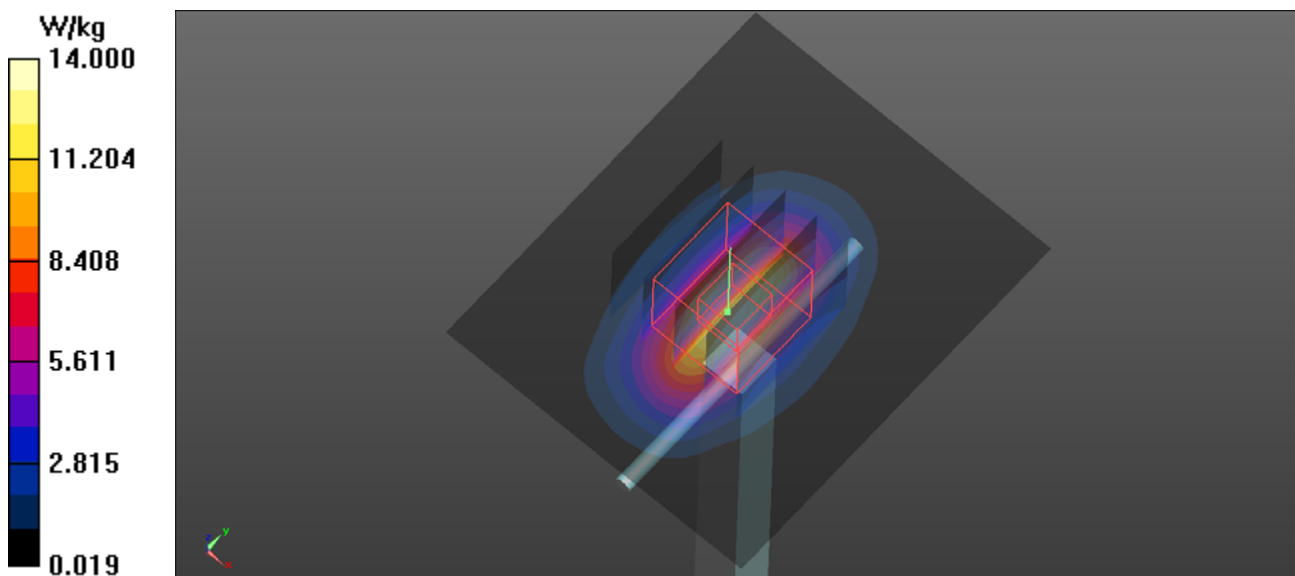
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.09 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.72 W/kg; SAR(10 g) = 5.15 W/kg

Maximum value of SAR (measured) = 12.2 W/kg



Test Laboratory: Intertek

System Check 2300 Body

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1

Medium: MSL2300 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.794$ S/m; $\epsilon_r = 51.9$; $\rho = 1000$

kg/m³ Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.4, 7.4, 7.4); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Area Scan (51x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.0 W/kg

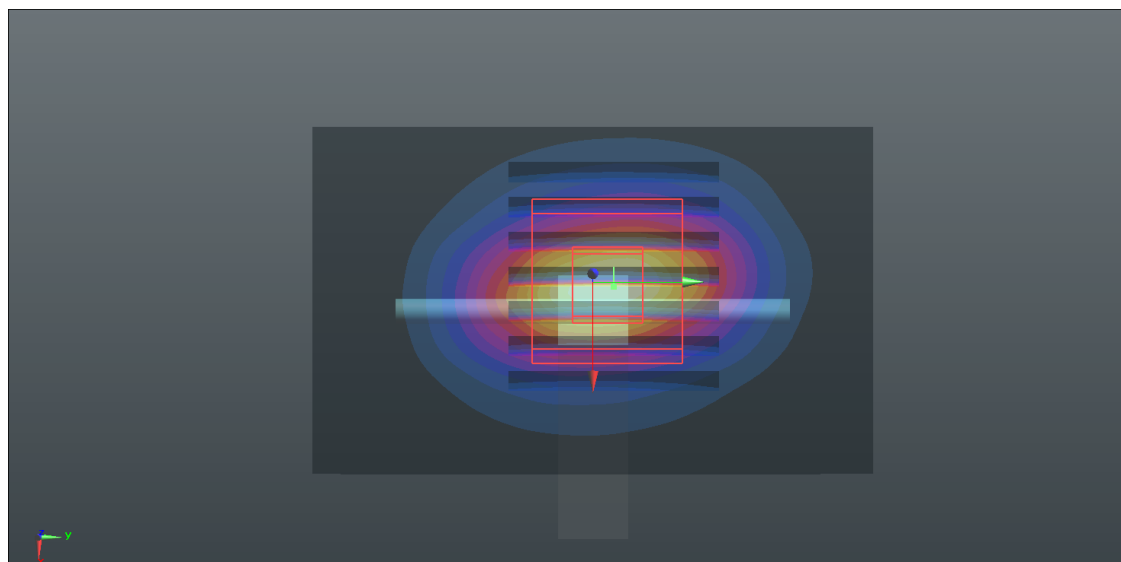
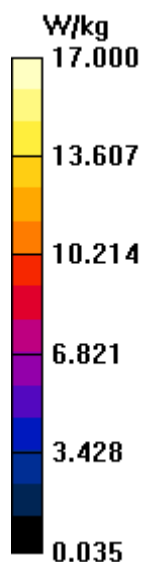
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.59 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 24.6 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6.16 W/kg

Maximum value of SAR (measured) = 16.5 W/kg



Test Laboratory: Intertek Service

System Check 2450 Body

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 50.71$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.15, 7.15, 7.15); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: xxxx
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Pin=250 mW/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 16.4 W/kg

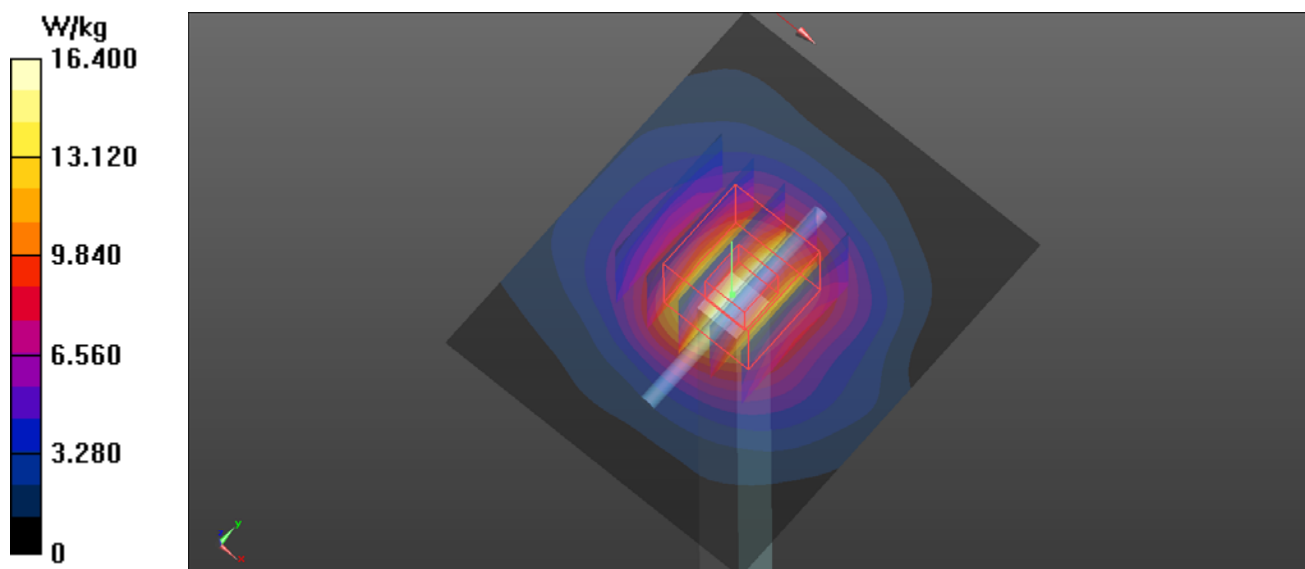
Pin=250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 66.09 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 25.2 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.78 W/kg

Maximum value of SAR (measured) = 16.5 W/kg



Test Laboratory: Intertek

System Check 2600 body

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: MSL2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.186$ S/m; $\epsilon_r = 50.765$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.15, 7.15, 7.15); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Area Scan (51x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.5 W/kg

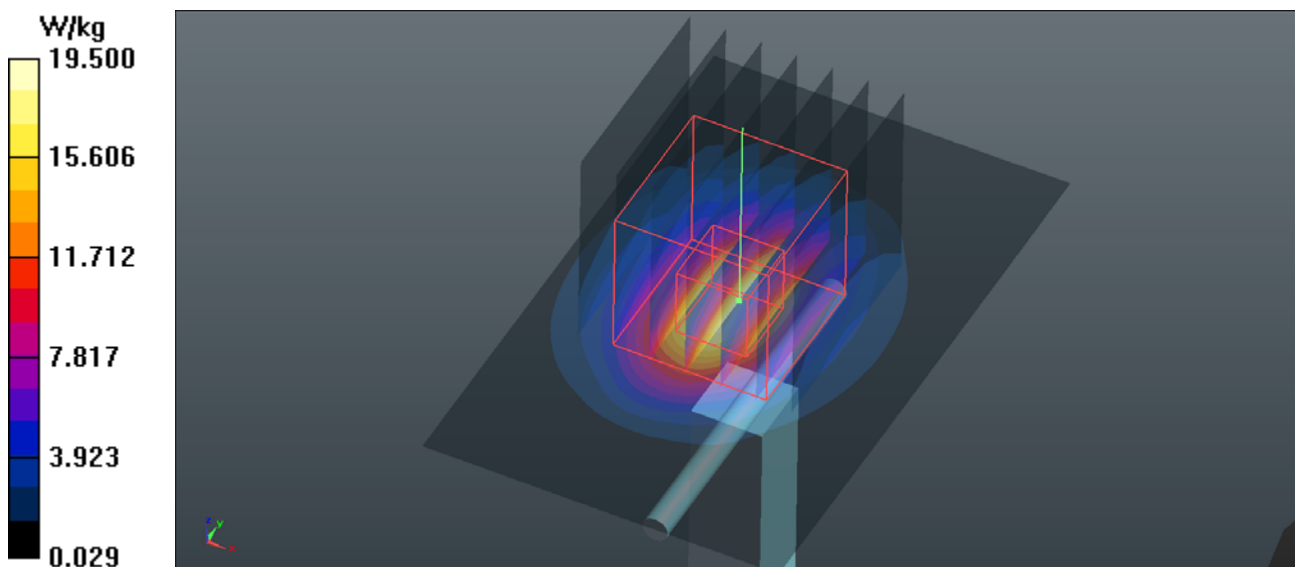
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.37 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 30.2 W/kg

SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.32 W/kg

Maximum value of SAR (measured) = 18.8 W/kg



Test Laboratory: Intertek Service

System Check 5.2G Body

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL 5GHz Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.72, 4.72, 4.72); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 2 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.57 W/kg

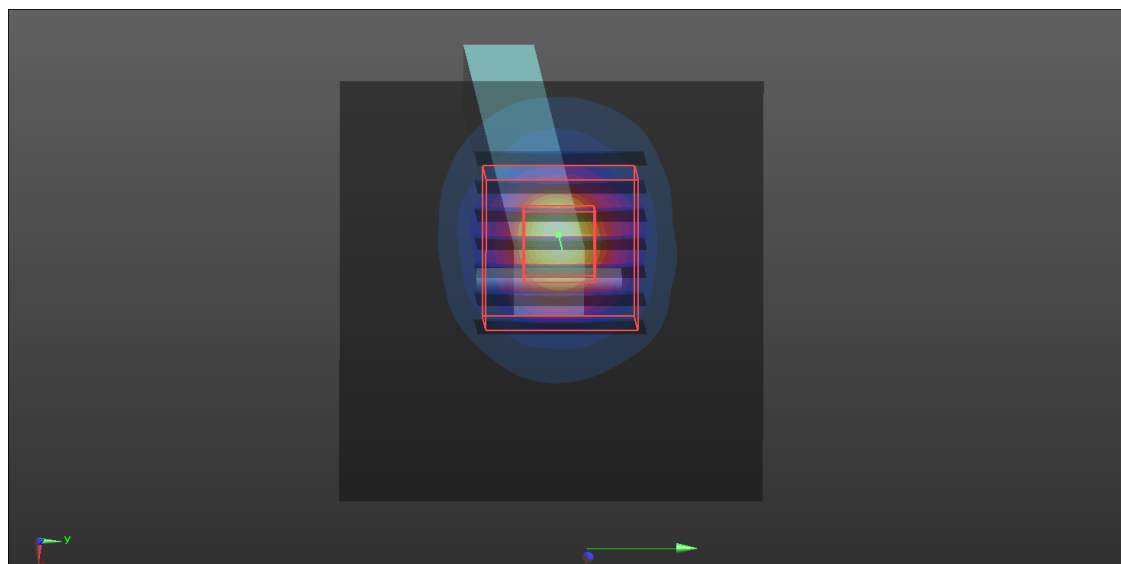
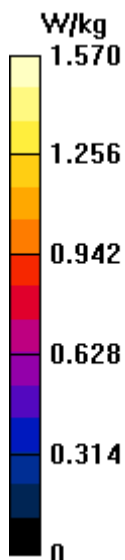
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 14.81 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



Test Laboratory: Intertek Service

System Check 5.3G Body

Communication System: UID 0, CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL 5GHz Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ S/m; $\epsilon_r = 47.33$; $\rho = 1000$

kg/m³ Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.72, 4.72, 4.72); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 2 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

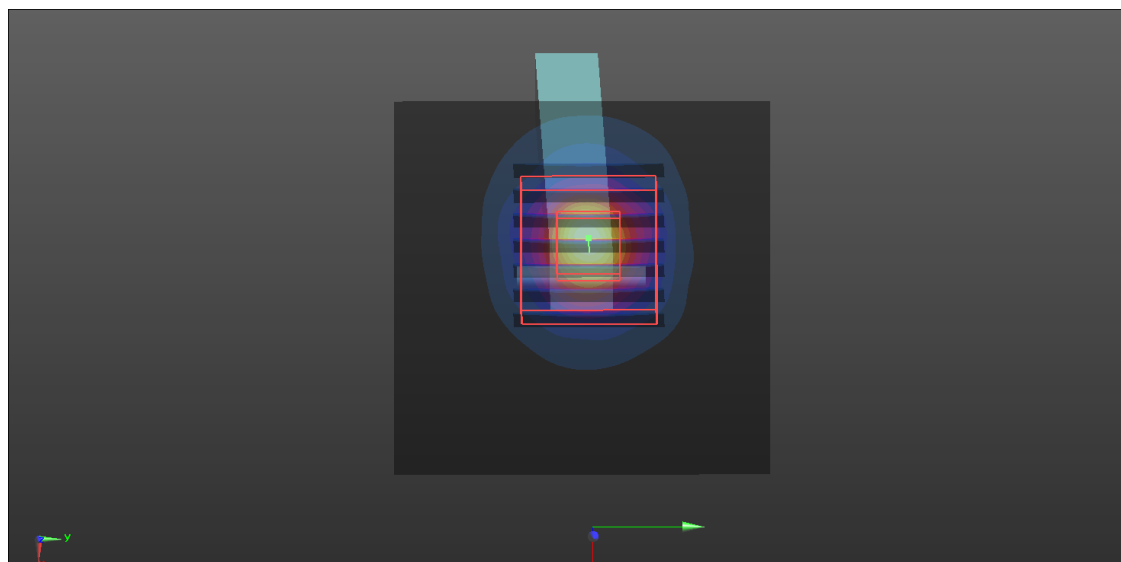
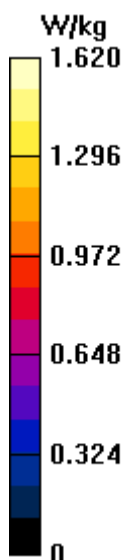
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.06 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



Test Laboratory: Intertek Service

System Check 5.6G Body

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL 5GHz Medium parameters used: $f = 5600$ MHz; $\sigma = 5.88$ S/m; $\epsilon_r = 46.51$; $\rho = 1000$

kg/m³ Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.06, 4.06, 4.06); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 2 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.97 W/kg

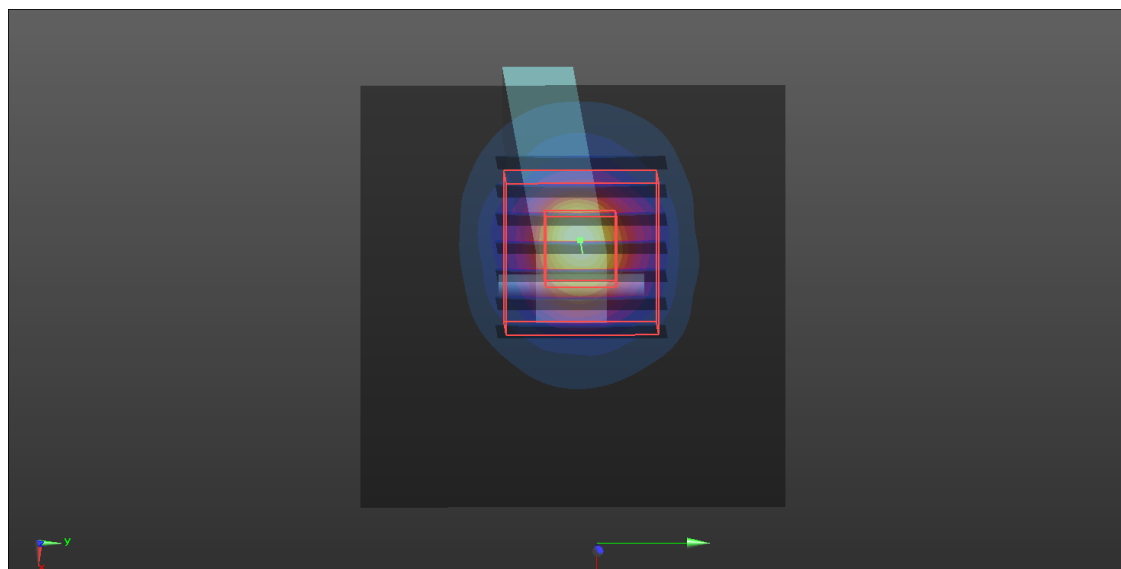
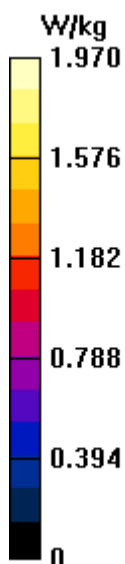
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.10 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.39 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 1.97 W/kg



Test Laboratory: Intertek Service

System Check 5.8G Body

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL 5GHz Medium parameters used: $f = 5800$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.27, 4.27, 4.27); Calibrated: 6/29/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 6/23/2017
- Phantom: SAM 2 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.93 W/kg

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

Reference Value = 15.83 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 1.94 W/kg

