

LTE Band4 1720MHz QPSK Allocation1 Start99 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 52.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

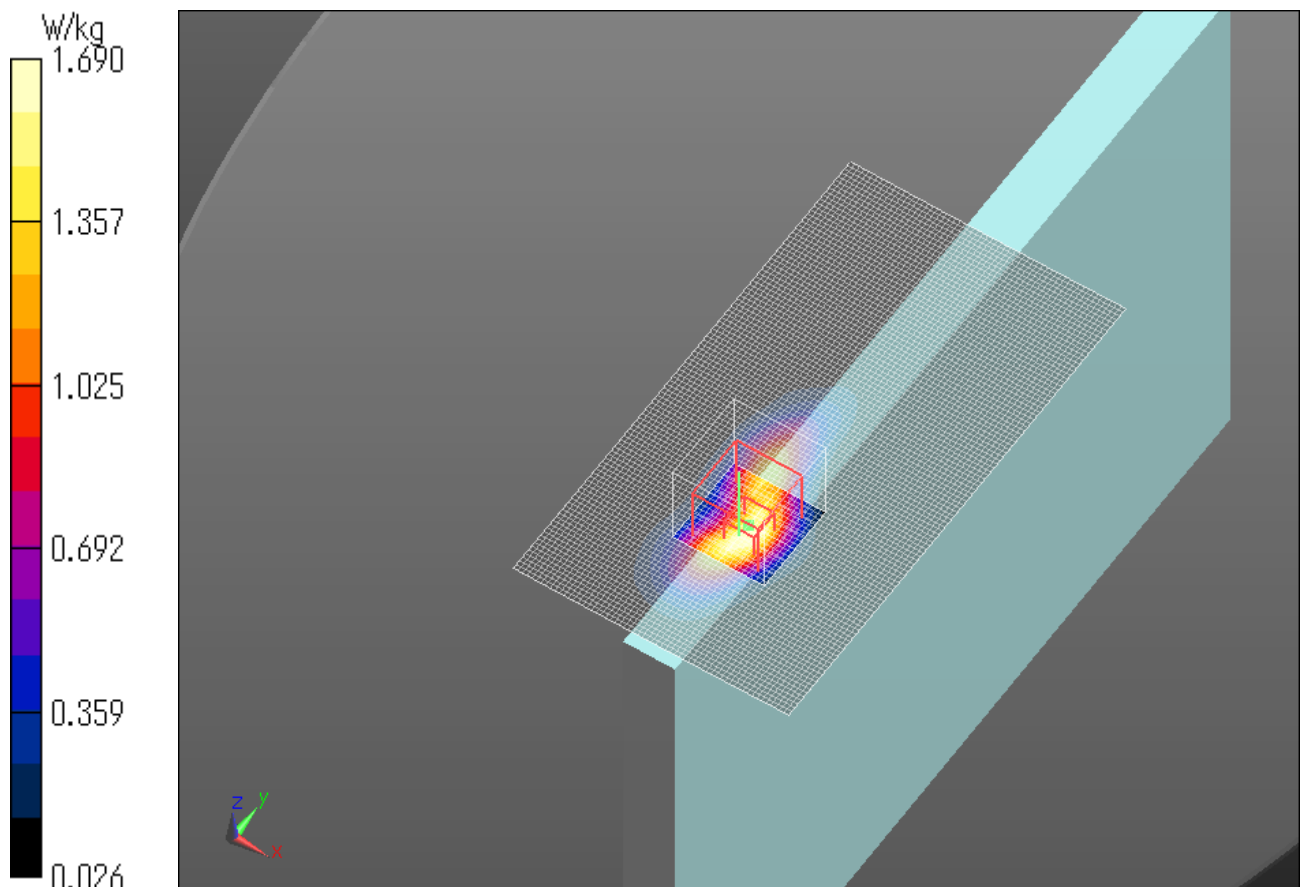
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.41 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.574 W/kg

Maximum value of SAR (measured) = 1.69 W/kg



Plot No.1

LTE Band4 1732.5MHz QPSK Allocation1 Start0 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.77 W/kg

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

Reference Value = 40.00 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.648 W/kg

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

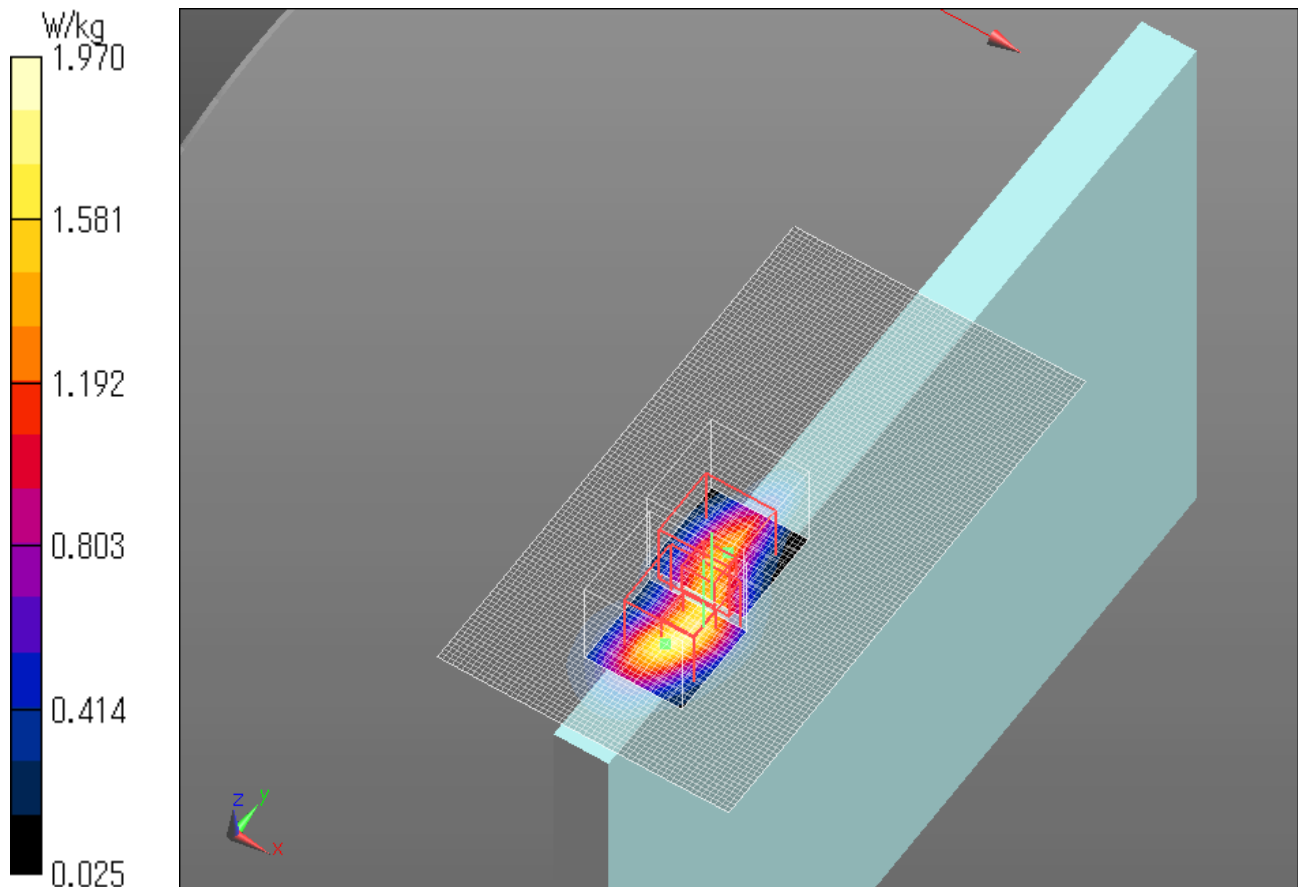
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 40.00 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.538 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



Plot No.2

LTE Band4 1745MHz QPSK Allocation1 Start0 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 52.795$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

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

Reference Value = 34.43 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

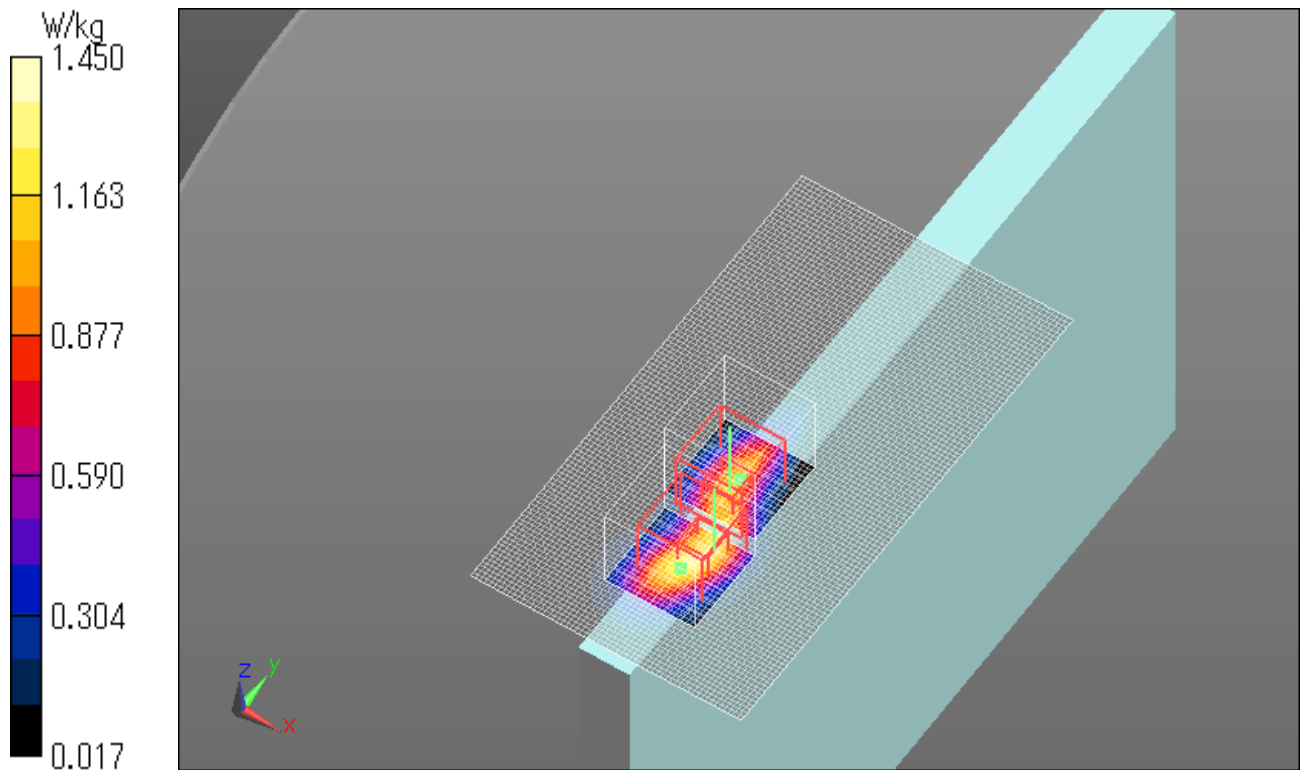
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.43 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.472 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



LTE Band4 1720MHz QPSK Allocation50 Start49 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 52.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.59 W/kg

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

Reference Value = 38.94 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 1.86 W/kg

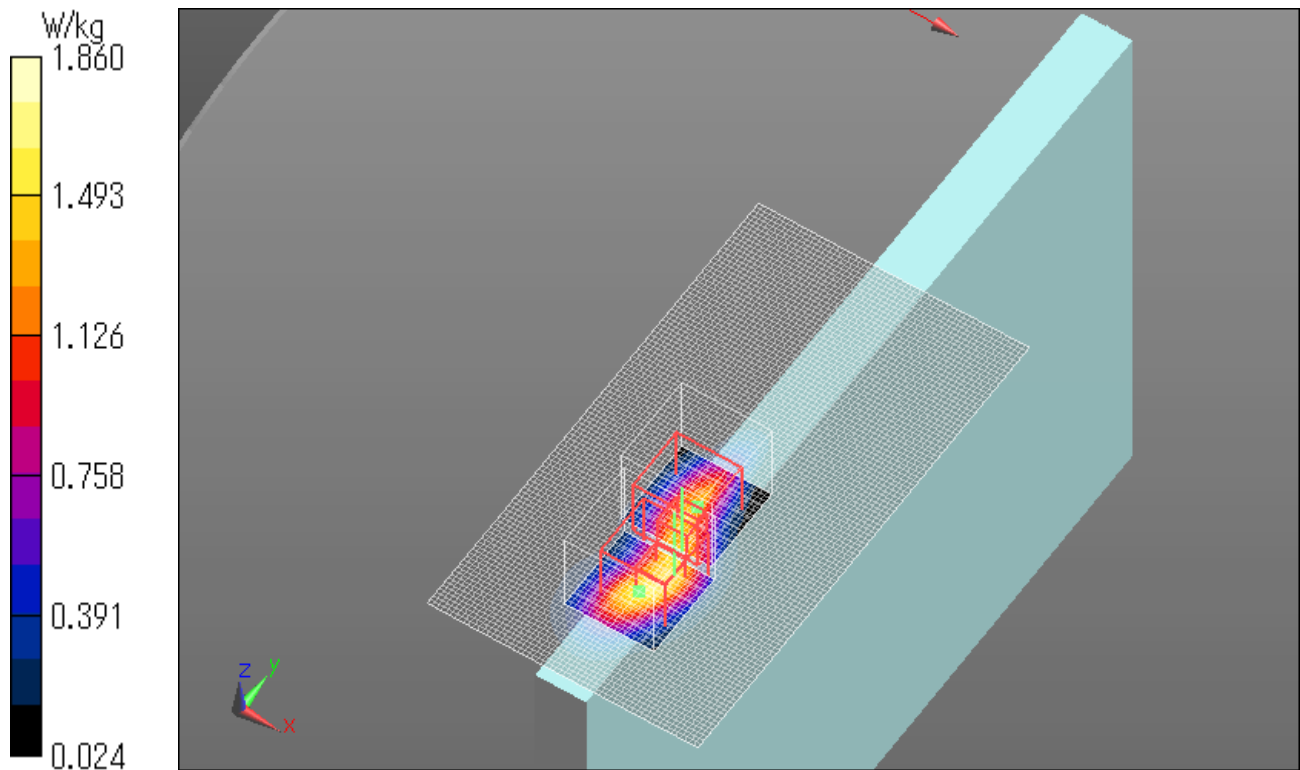
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.94 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.512 W/kg

Maximum value of SAR (measured) = 1.53 W/kg



LTE Band4 1732.5MHz QPSK Allocation50 Start49 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.37 W/kg

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

Reference Value = 35.42 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 1.25 W/kg

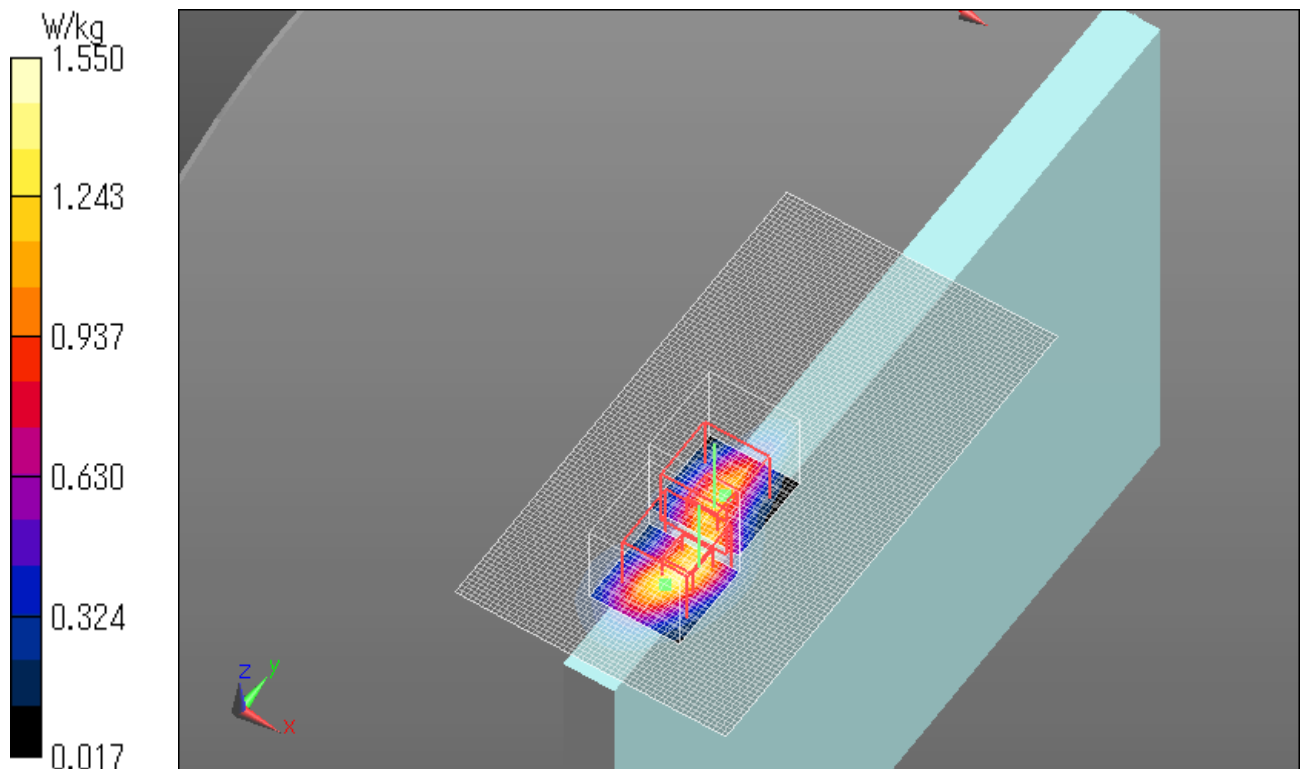
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 35.42 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



Plot No.5

LTE Band4 1745MHz QPSK Allocation50 Start0 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 52.795$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.29 W/kg

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

Reference Value = 33.28 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 1.09 W/kg

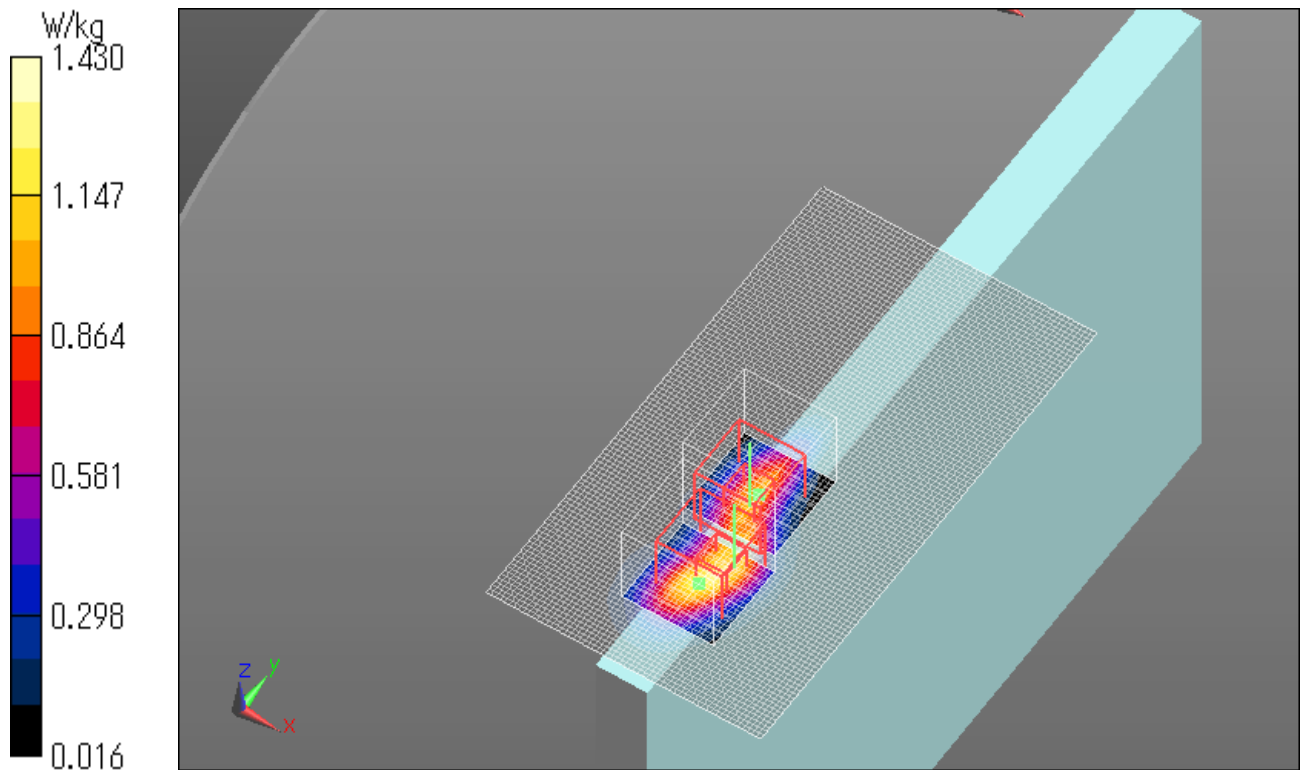
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.28 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.464 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



LTE Band4 1732.5MHz QPSK Allocation100 Start0 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

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

Reference Value = 34.51 V/m; Power Drift = -0.36 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 1.18 W/kg

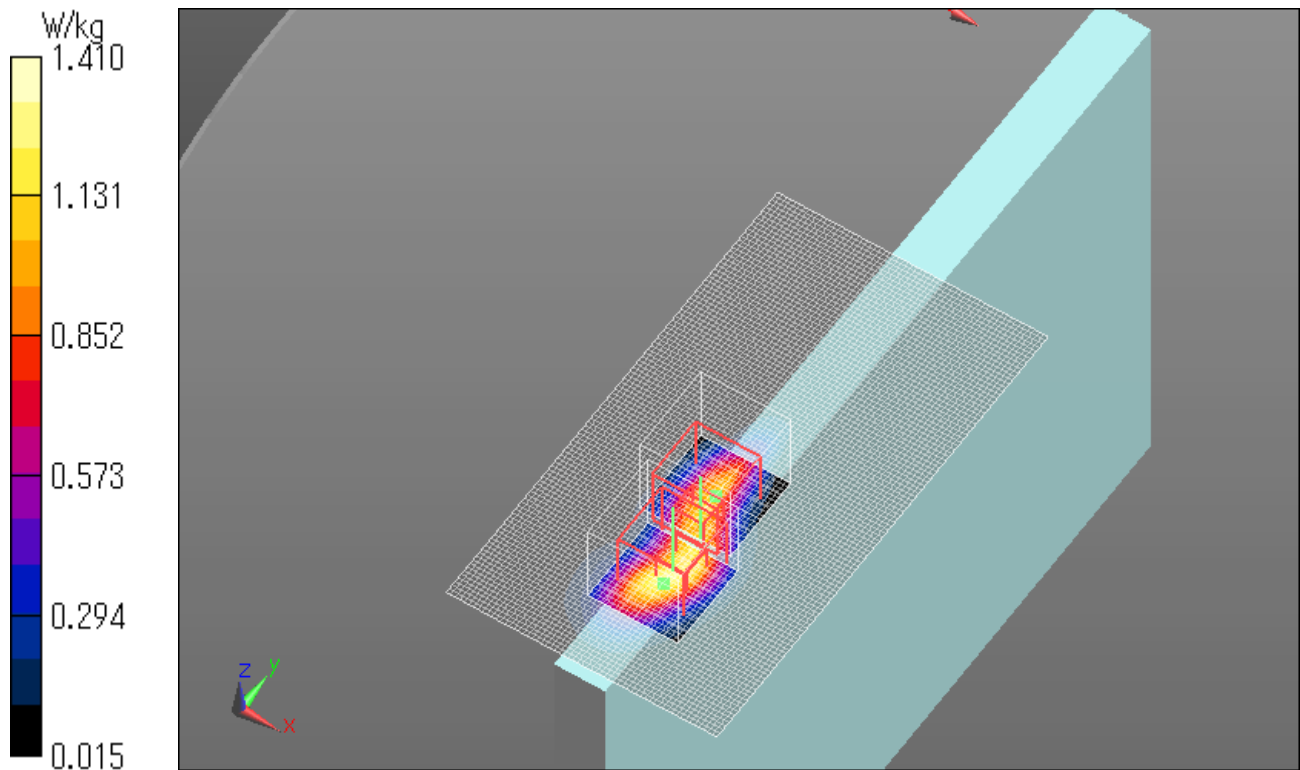
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.51 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.456 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



LTE Band4 1720MHz QPSK Allocation1 Start99 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 52.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

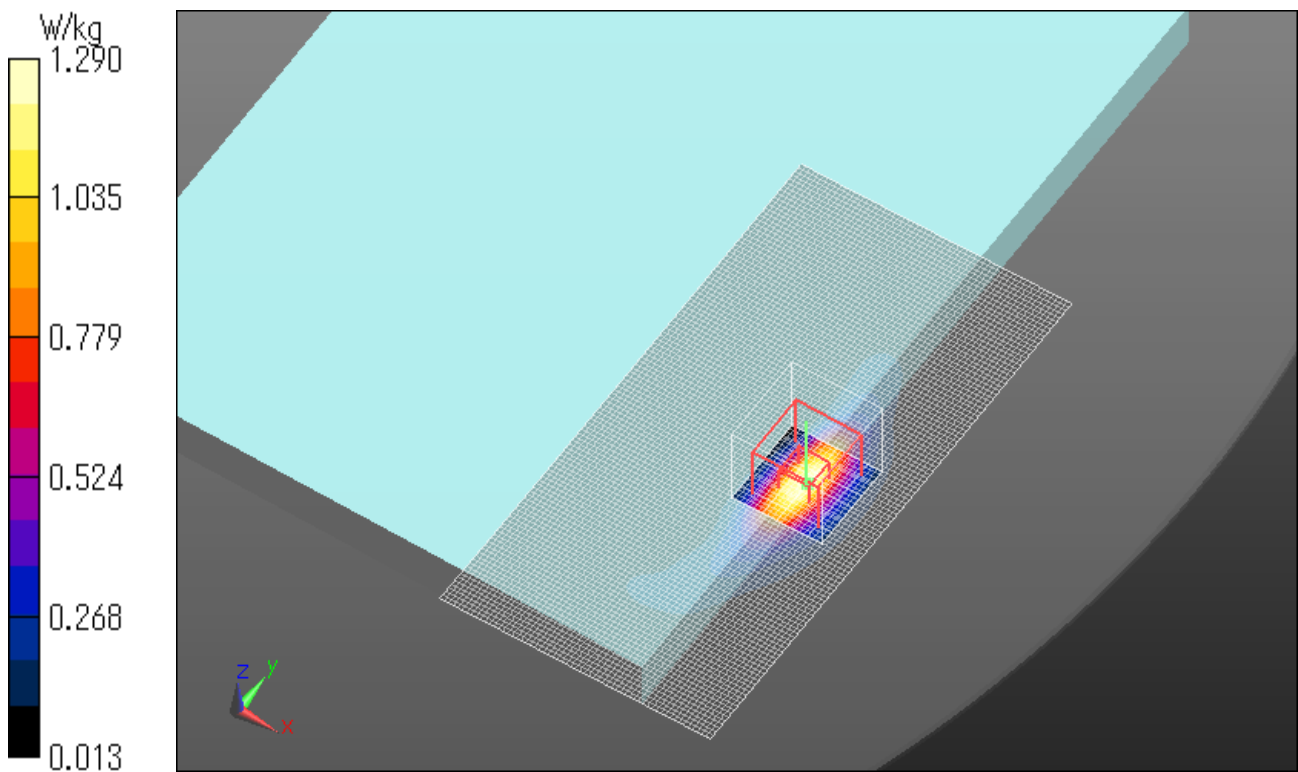
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.71 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.446 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



LTE Band4 1732.5MHz QPSK Allocation1 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

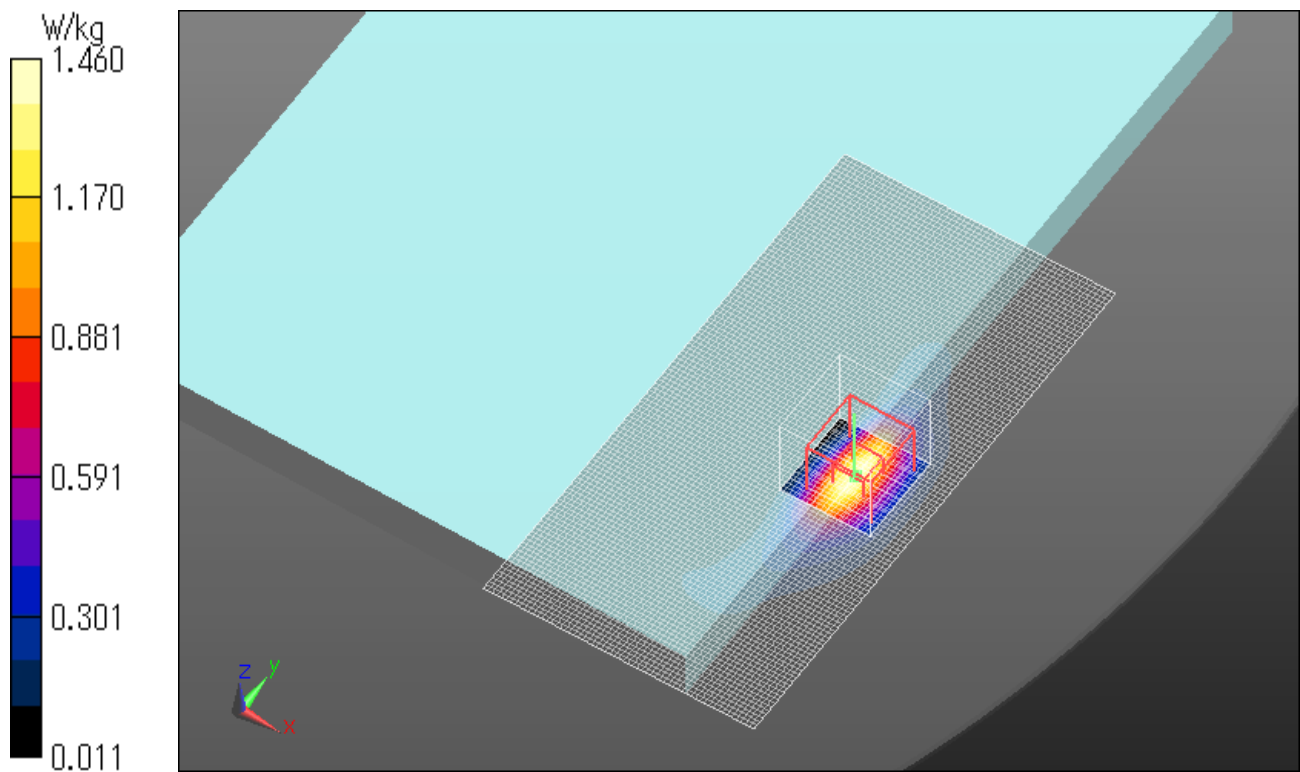
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.97 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



LTE Band4 1745MHz QPSK Allocation1 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 52.795$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

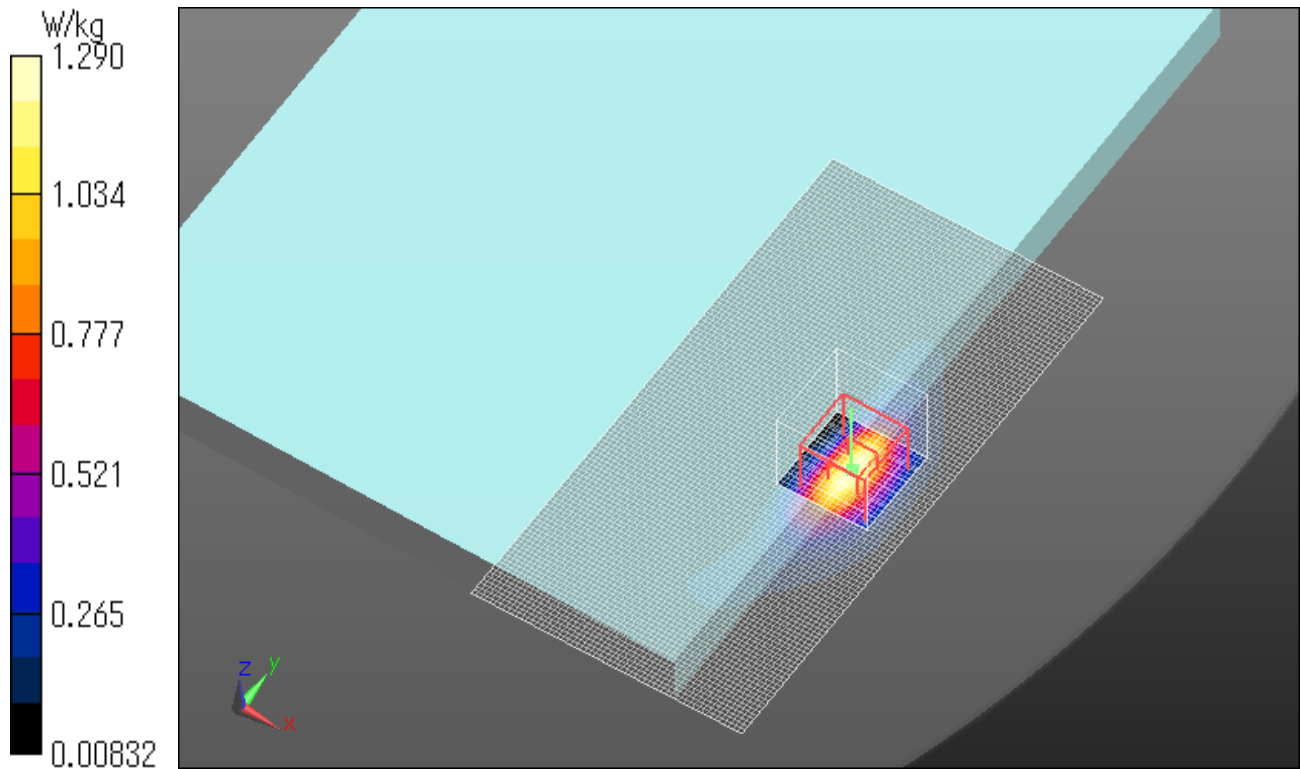
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.71 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



LTE Band4 1720MHz QPSK Allocation50 Start49 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 52.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

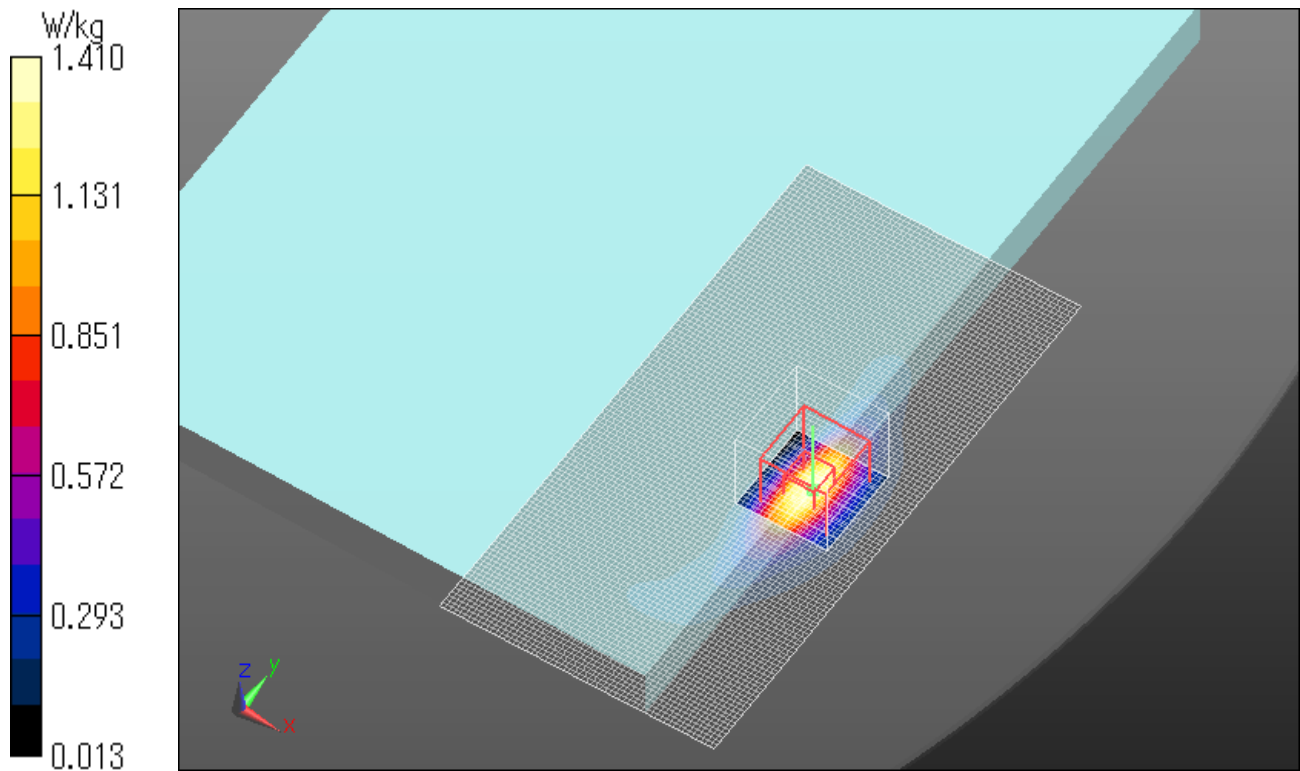
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.22 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.485 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



LTE Band4 1732.5MHz QPSK Allocation50 Start49 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

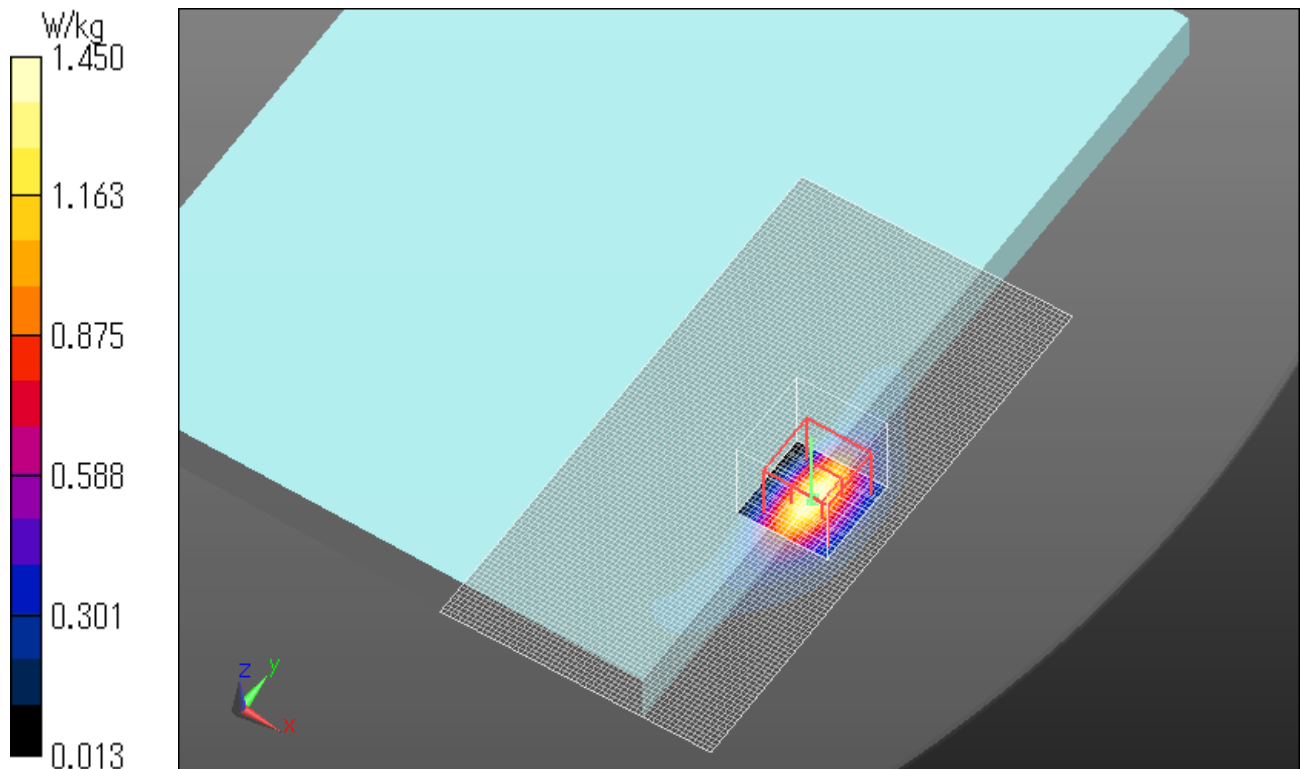
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.92 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.483 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



LTE Band4 1745MHz QPSK Allocation50 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 52.795$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

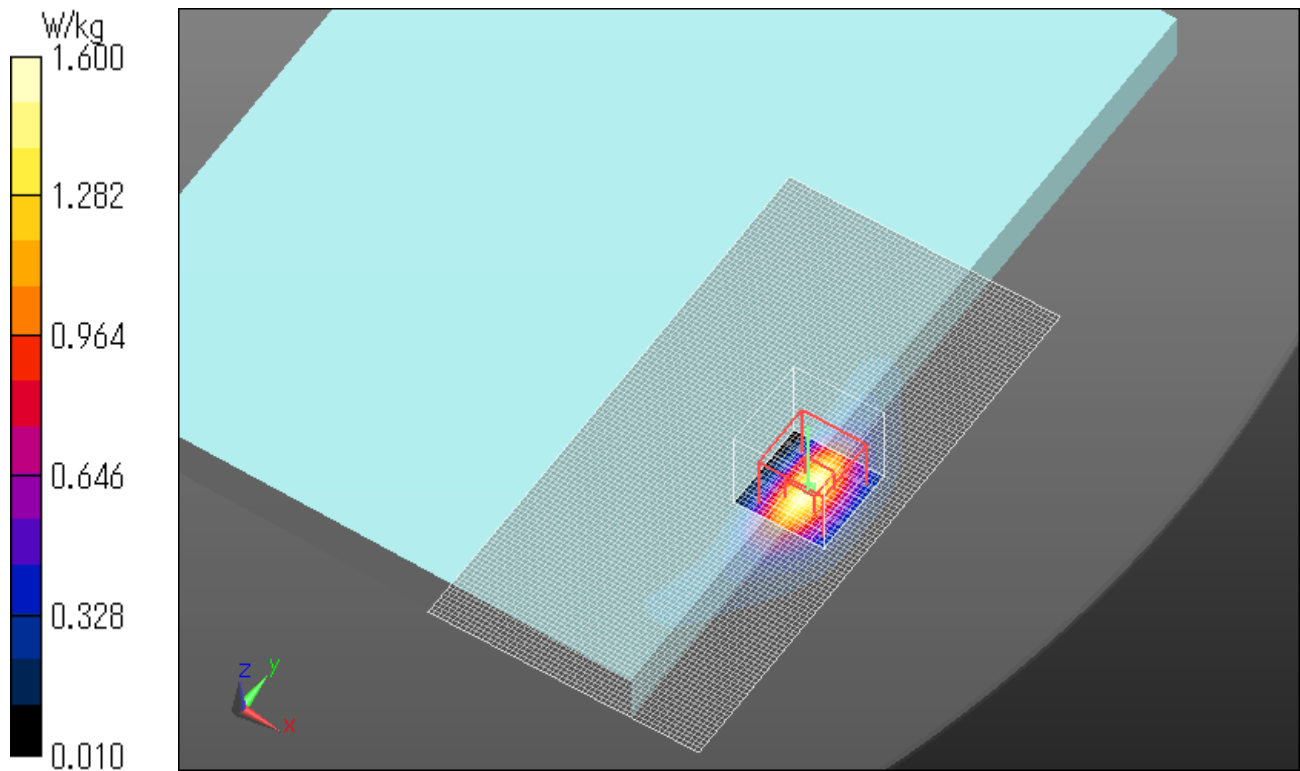
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 36.34 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



LTE Band4 1732.5MHz QPSK Allocation100 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

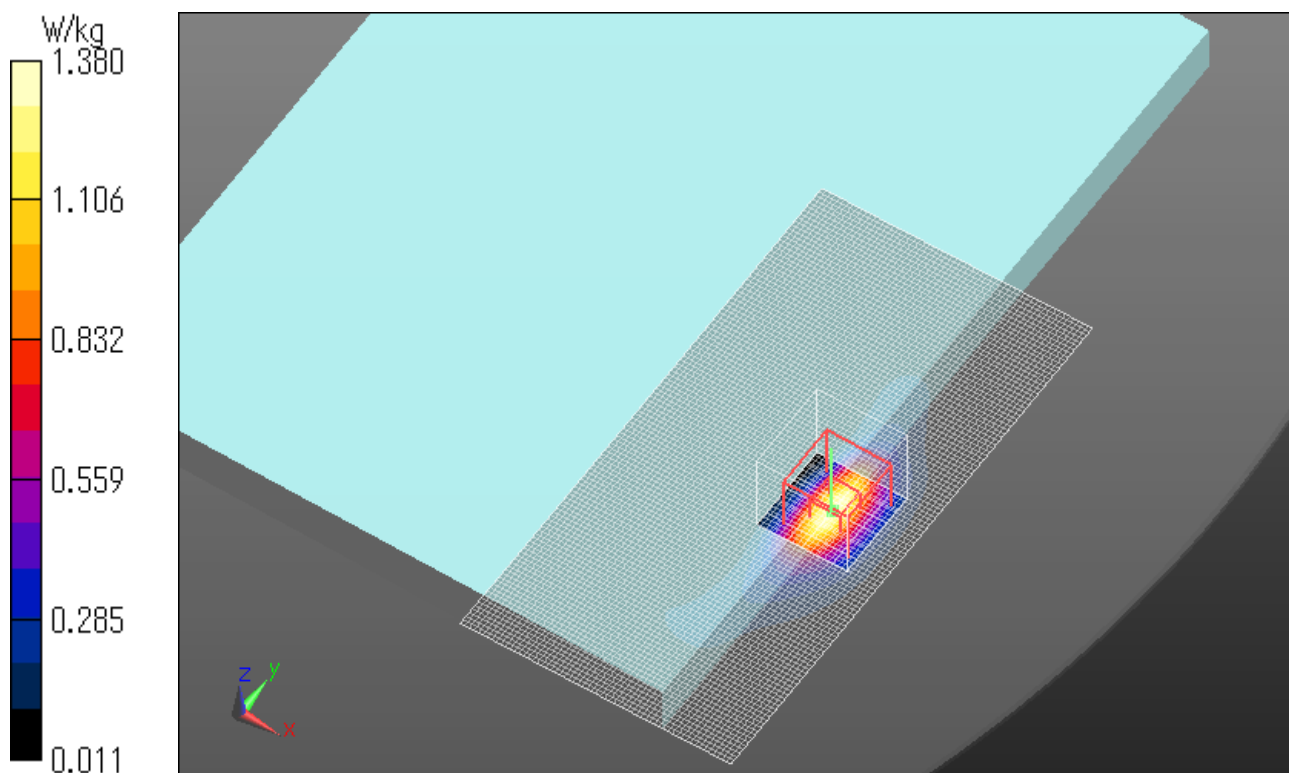
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.02 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.462 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



LTE Band4 1720MHz QPSK Allocation1 Start99 Edge1 23mm

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 52.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.840 W/kg

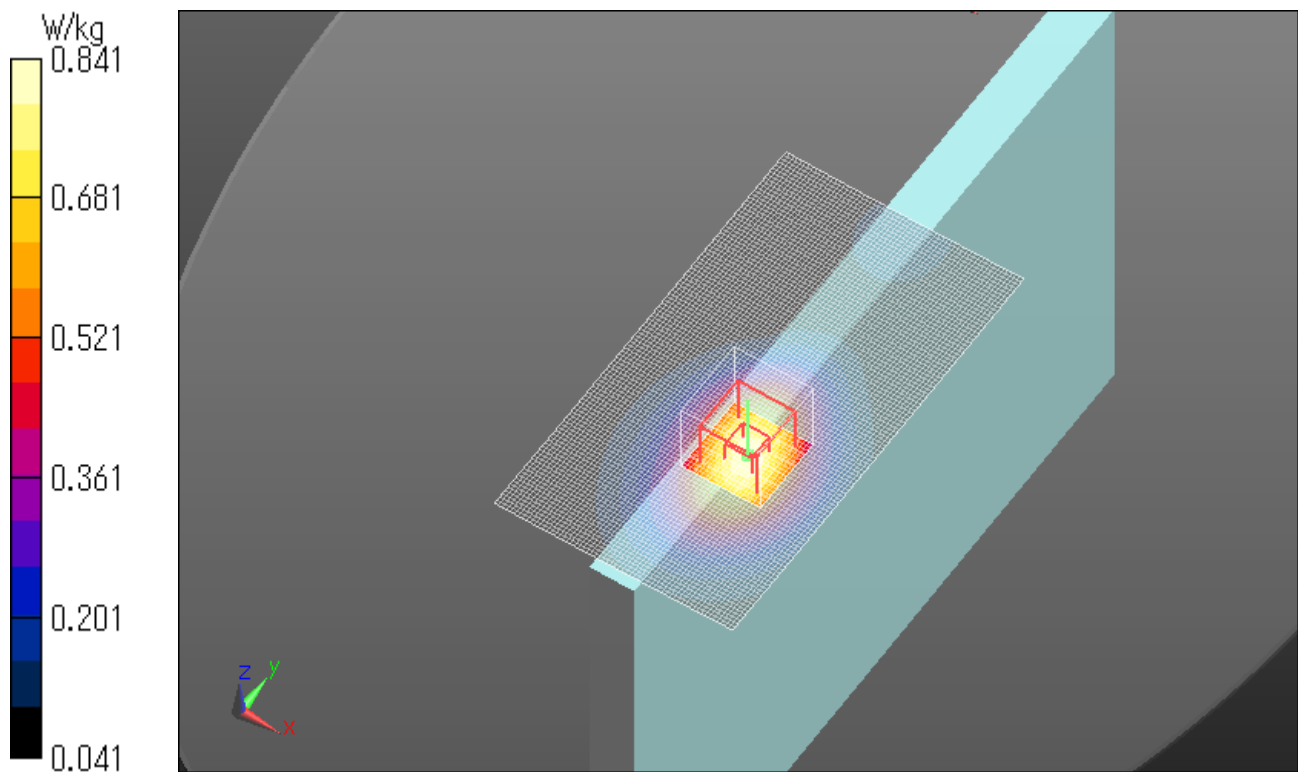
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.32 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (measured) = 0.841 W/kg



LTE Band4 1732.5MHz QPSK Allocation1 Start99 Edge1 23mm

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.891 W/kg

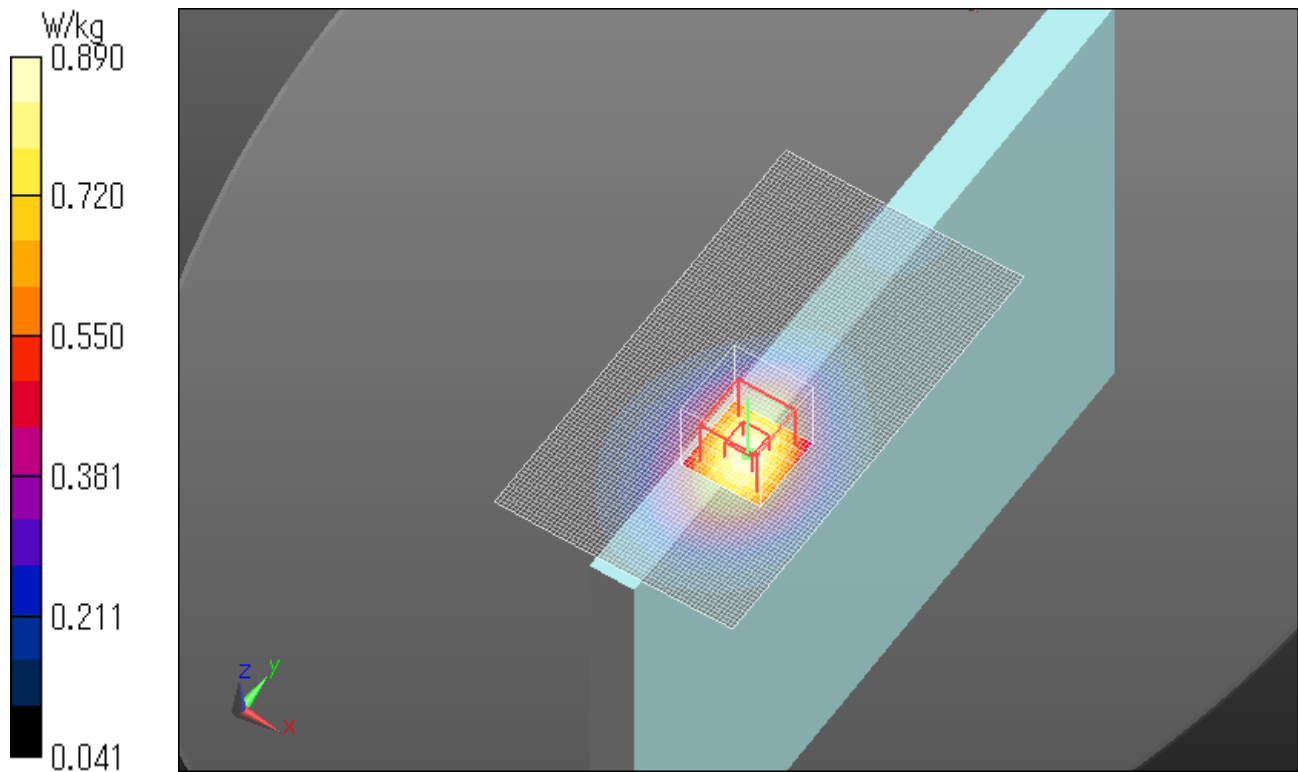
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.03 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.450 W/kg

Maximum value of SAR (measured) = 0.890 W/kg



LTE Band4 1745MHz QPSK Allocation1 Start99 Edge1 23mm

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 52.795$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.868 W/kg

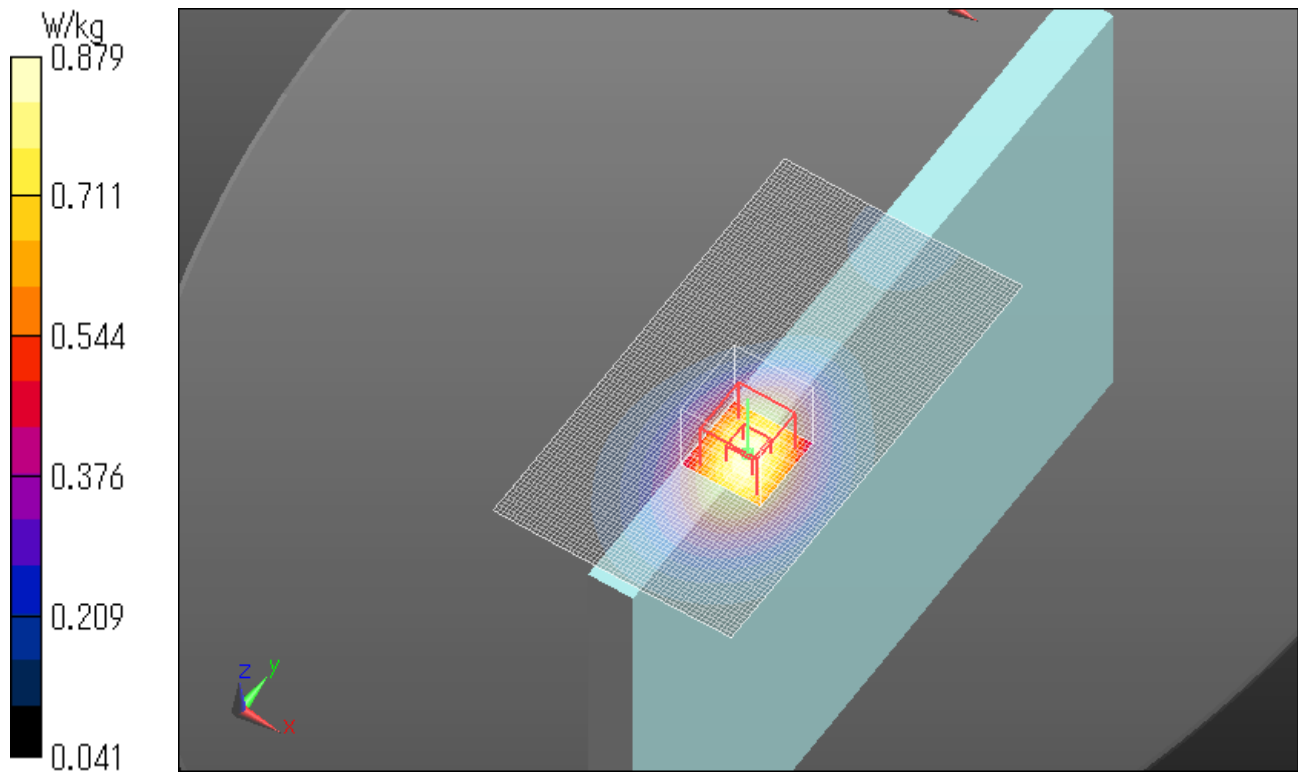
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.61 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 0.879 W/kg



LTE Band4 1732.5MHz QPSK Allocation50 Start49 Edge1 23mm

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.649 W/kg

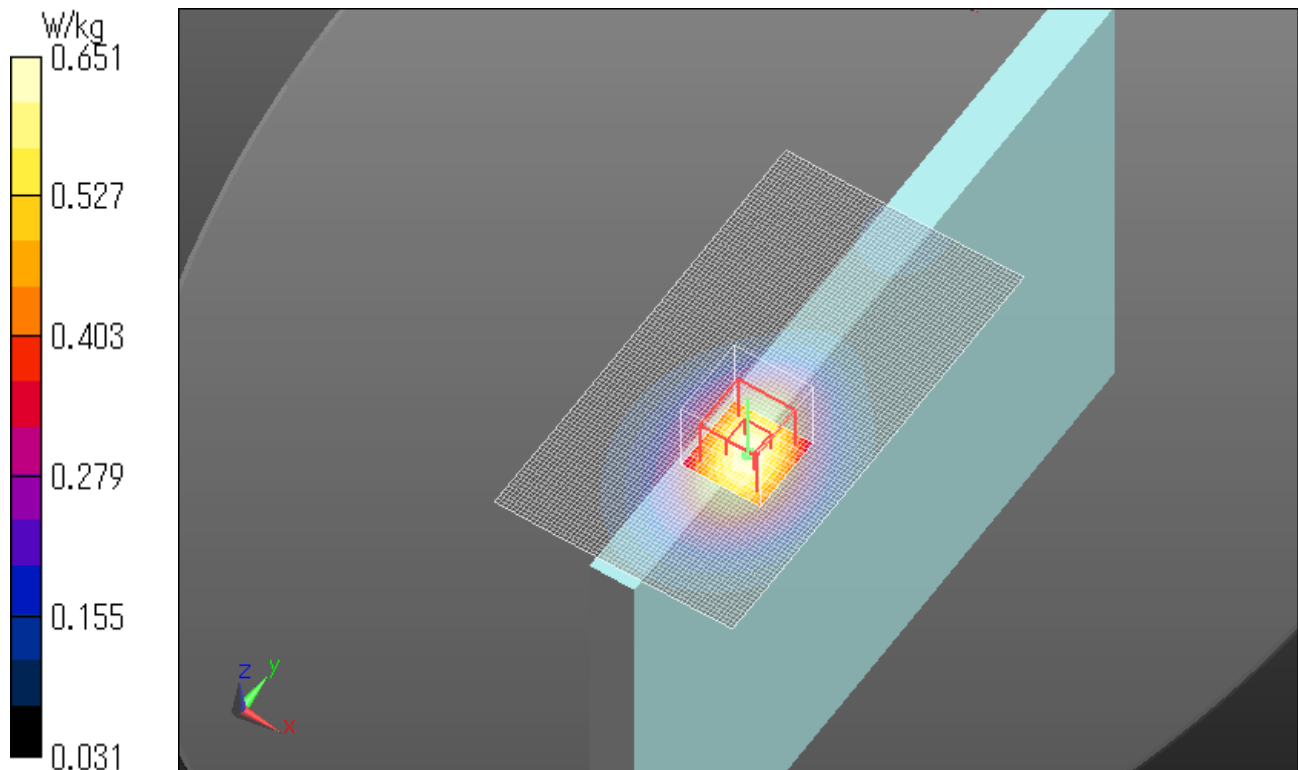
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.05 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.651 W/kg



LTE Band25 1732.5MHz QPSK Allocation1 Start99 Edge4 0mm

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan 2 (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.482 W/kg

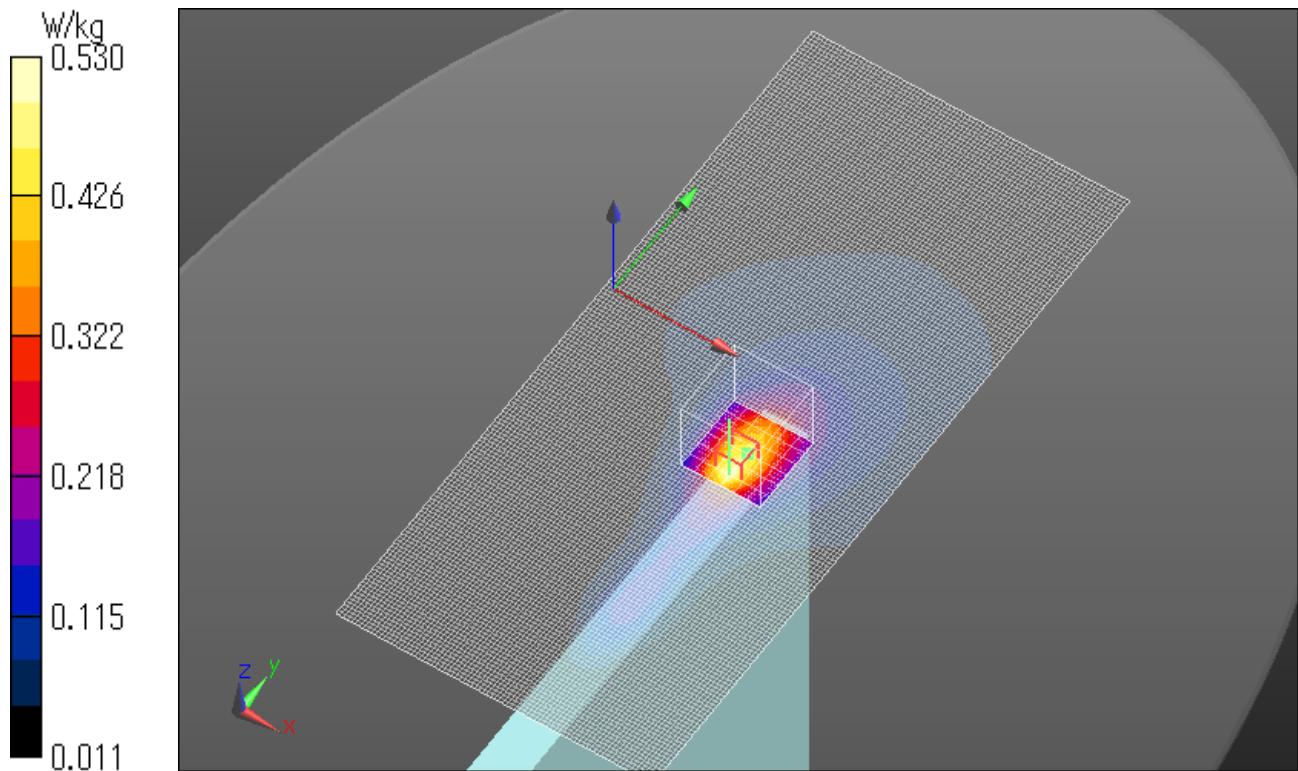
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.53 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.363 W/kg

Maximum value of SAR (measured) = 0.530 W/kg



LTE Band25 1732.5MHz QPSK Allocation50 Start49 Edge4 0mm

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Edge4/Area Scan 2 (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.487 W/kg

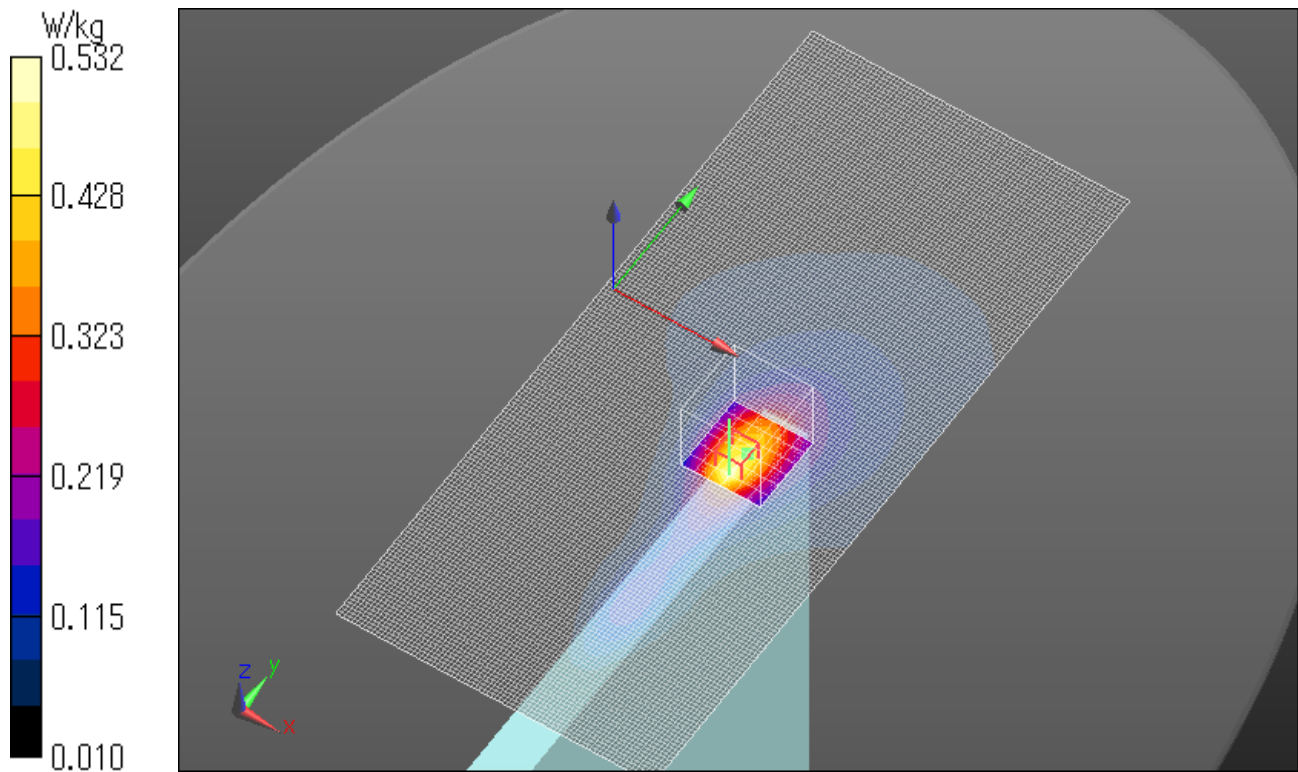
Configuration/Edge4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.59 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.364 W/kg

Maximum value of SAR (measured) = 0.532 W/kg



LTE Band4 1732.5MHz QPSK Allocation1 Start99 Bottom side 17mm
Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2015/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.357 W/kg

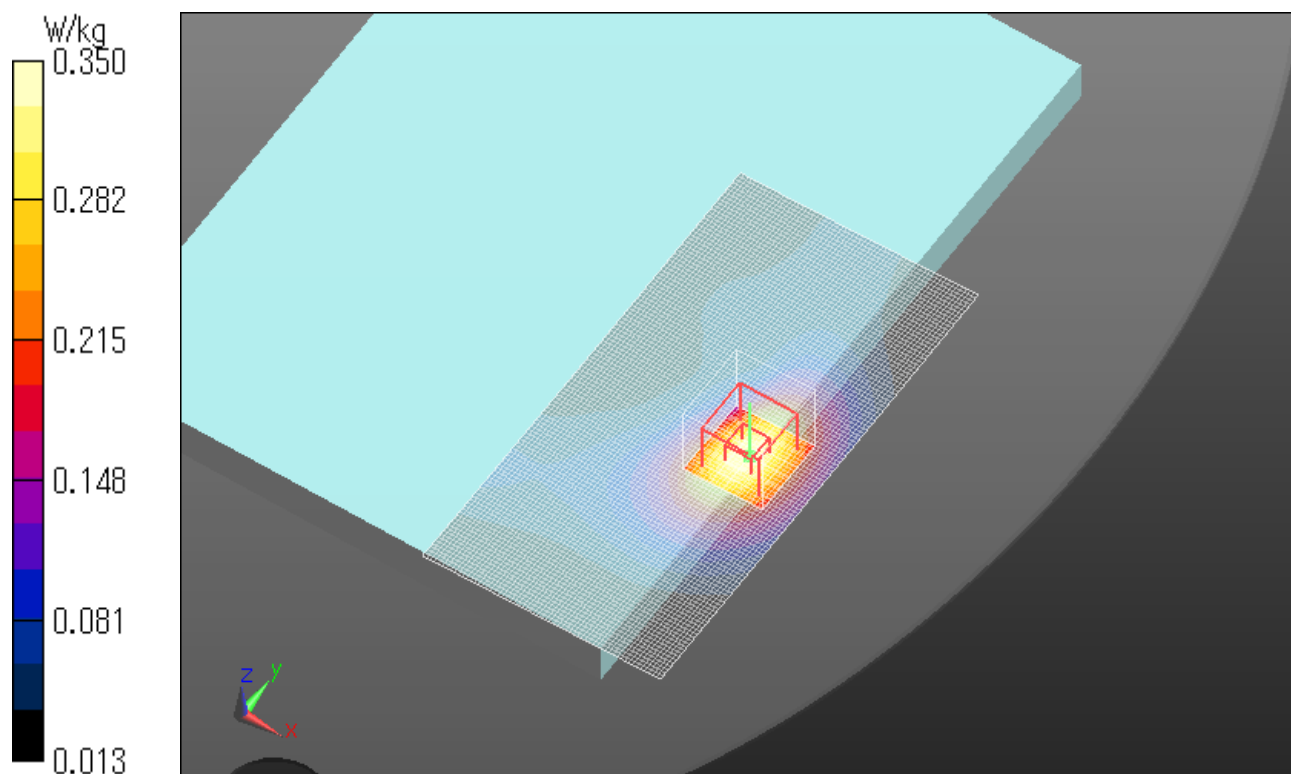
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.81 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.350 W/kg



LTE Band4 1732.5MHz QPSK Allocation50 Start49 Bottom side 17mm
Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2015/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.418 W/kg

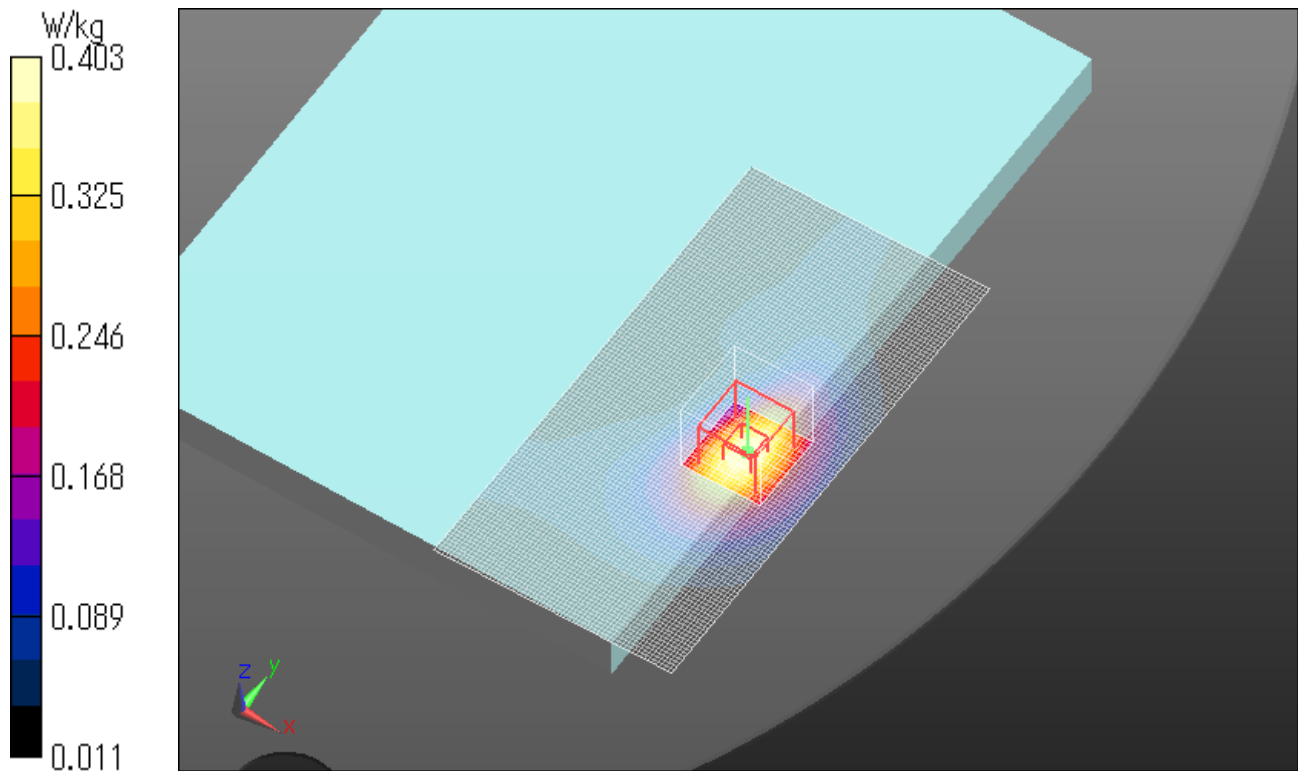
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.19 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.403 W/kg



LTE Band4 1732.5MHz QPSK Allocation1 Start99 Bottom side Convertible mode 0mm

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.336 W/kg

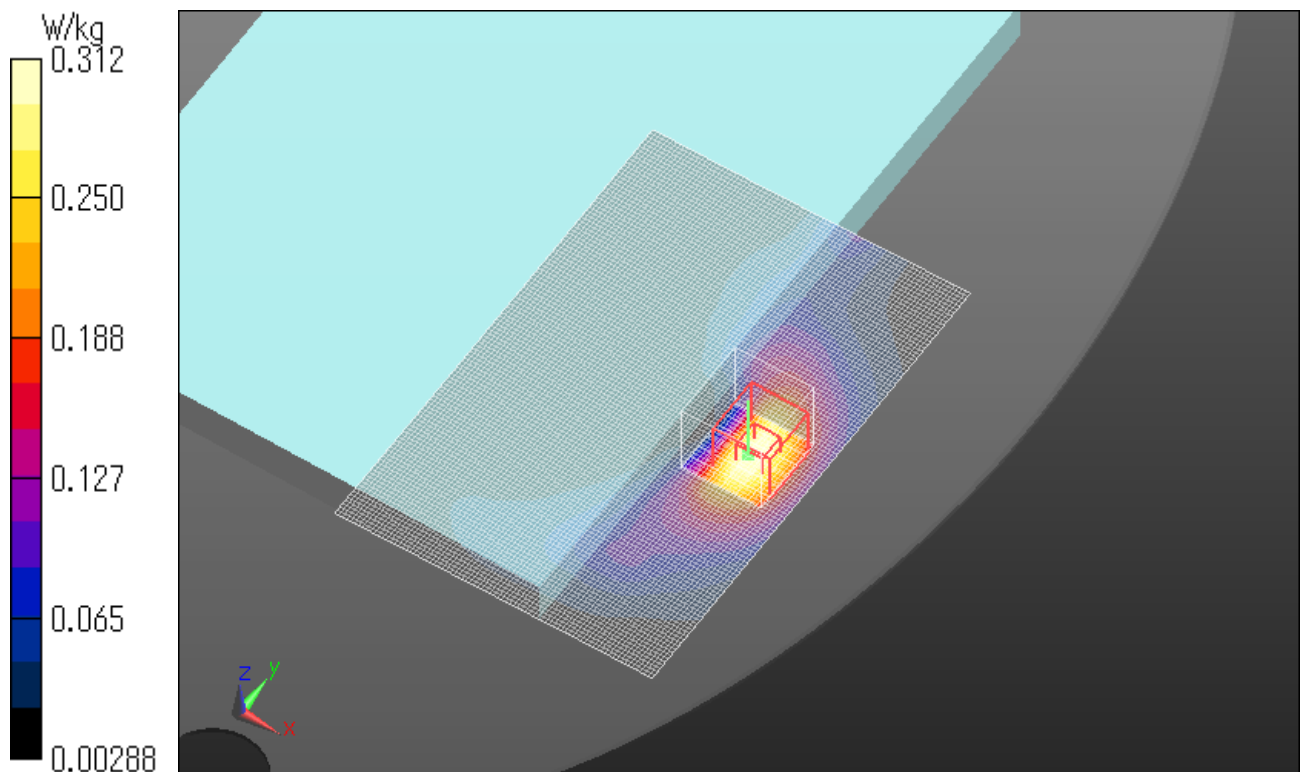
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.89 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.312 W/kg



LTE Band4 1732.5MHz QPSK Allocation50 Start49 Bottom side Convertible mode 0mm

Communication System: UID 0, Generic LTE (0)Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.94, 7.94, 7.94); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.231 W/kg

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

Reference Value = 13.22 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.214 W/kg

