

LTE Band17 709MHz QPSK Allocation1 Start24 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 55.949$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.67 W/kg

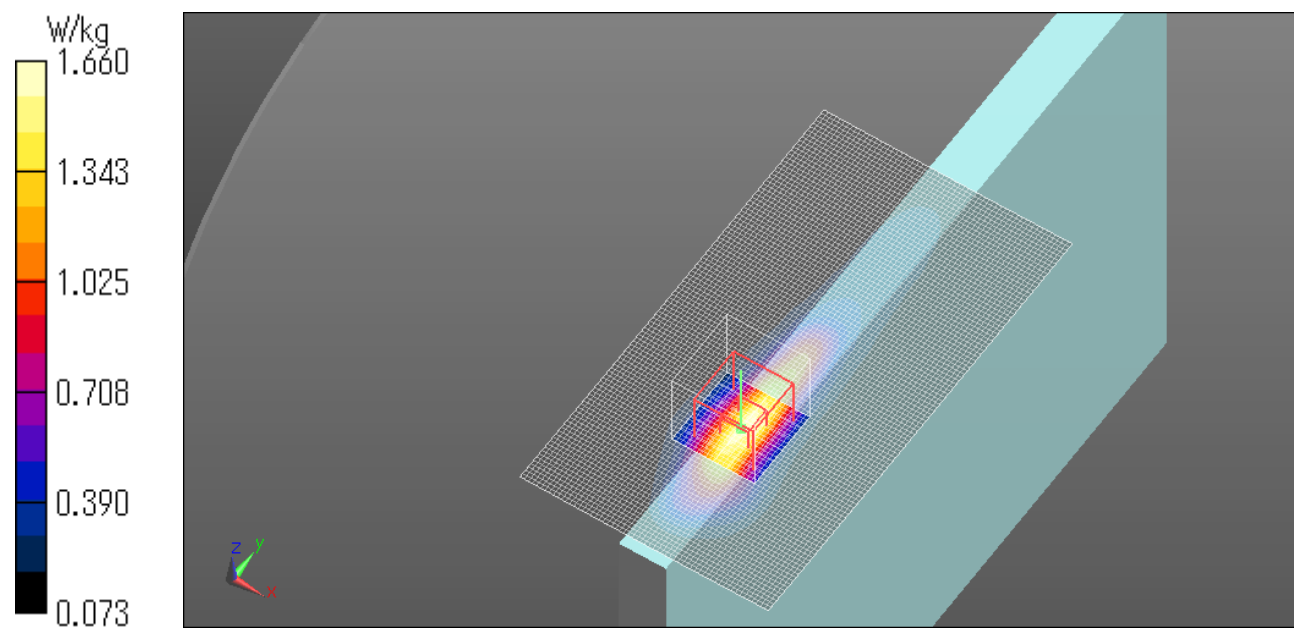
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 46.15 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.631 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



Plot No.1

LTE Band17 710MHz QPSK Allocation1 Start24 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 55.94$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.58 W/kg

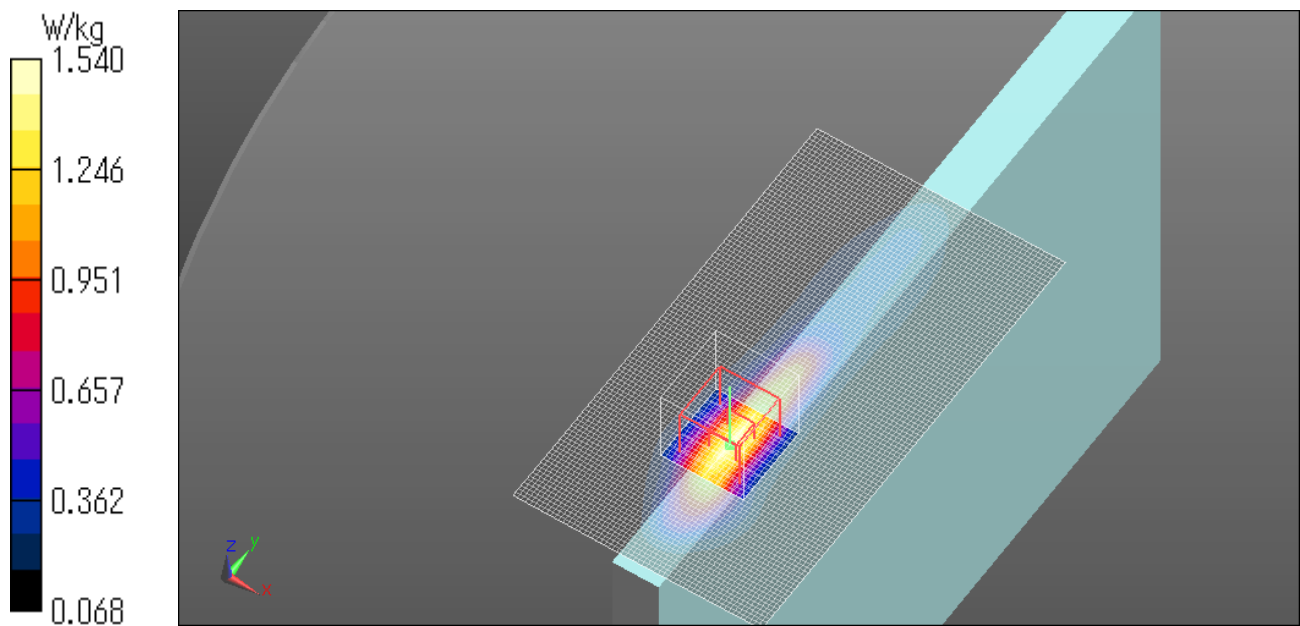
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 44.49 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.577 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



LTE Band17 711MHz QPSK Allocation1 Start24 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 55.929$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.57 W/kg

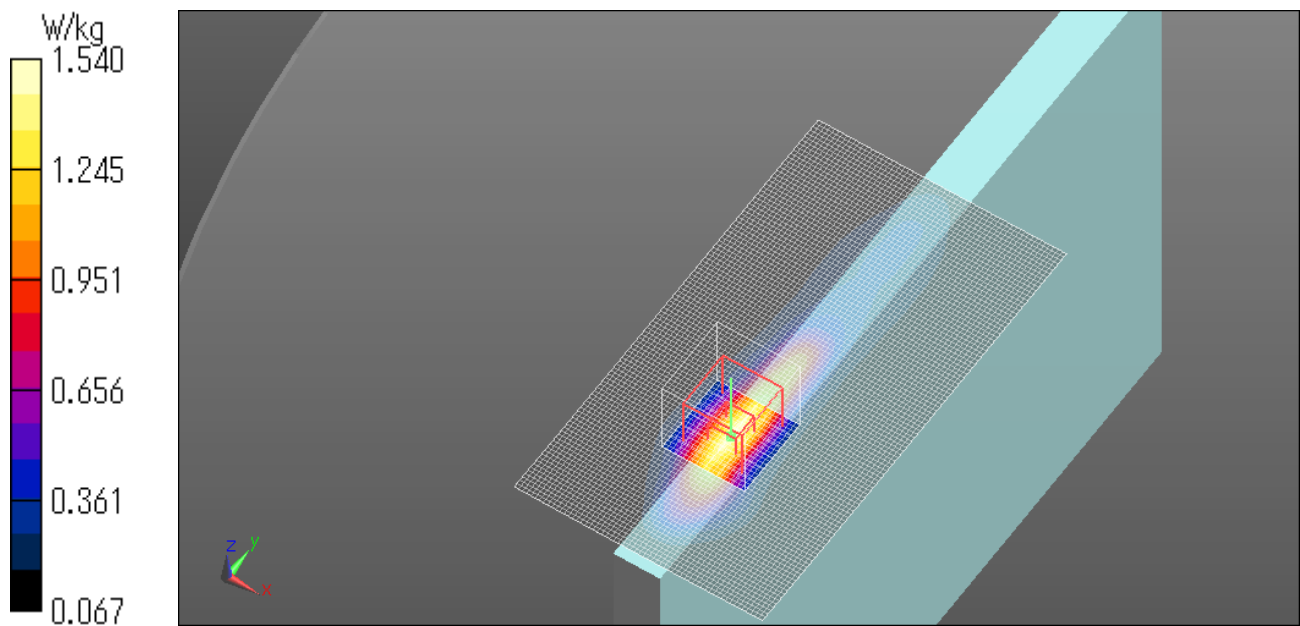
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 44.54 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.577 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



Plot No.3

LTE Band17 709MHz QPSK Allocation25 Start24 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 55.949$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.60 W/kg

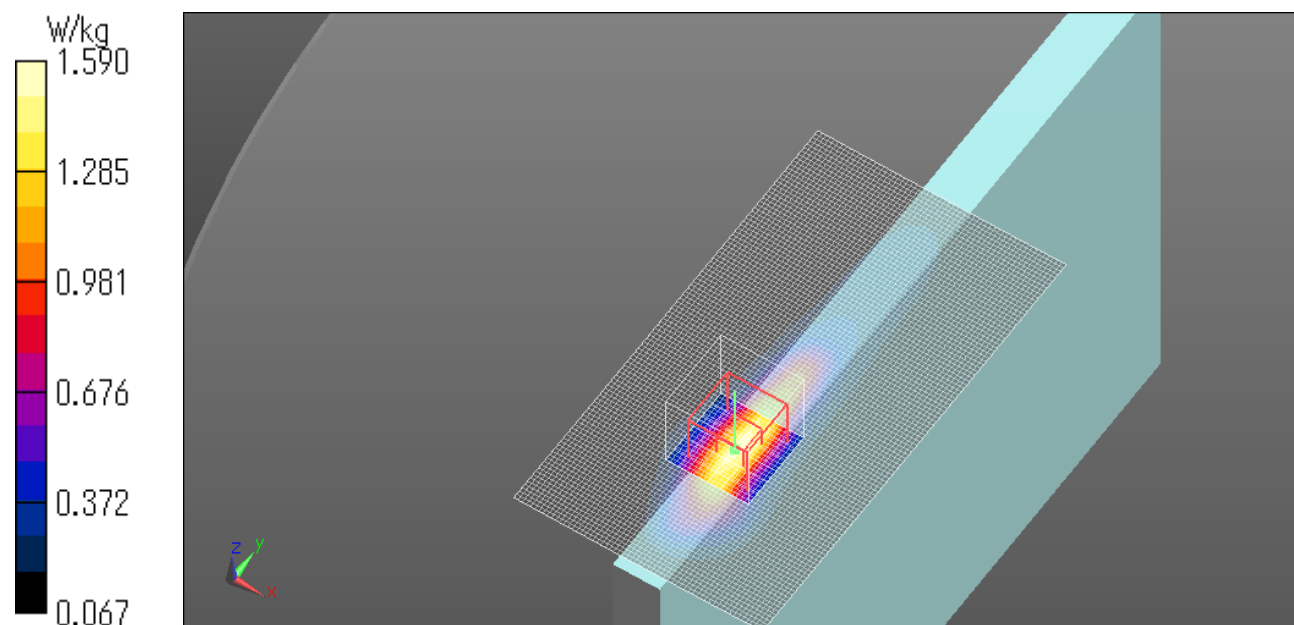
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.18 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.597 W/kg

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



Plot No.4

LTE Band17 710MHz QPSK Allocation25 Start12 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 55.94$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.50 W/kg

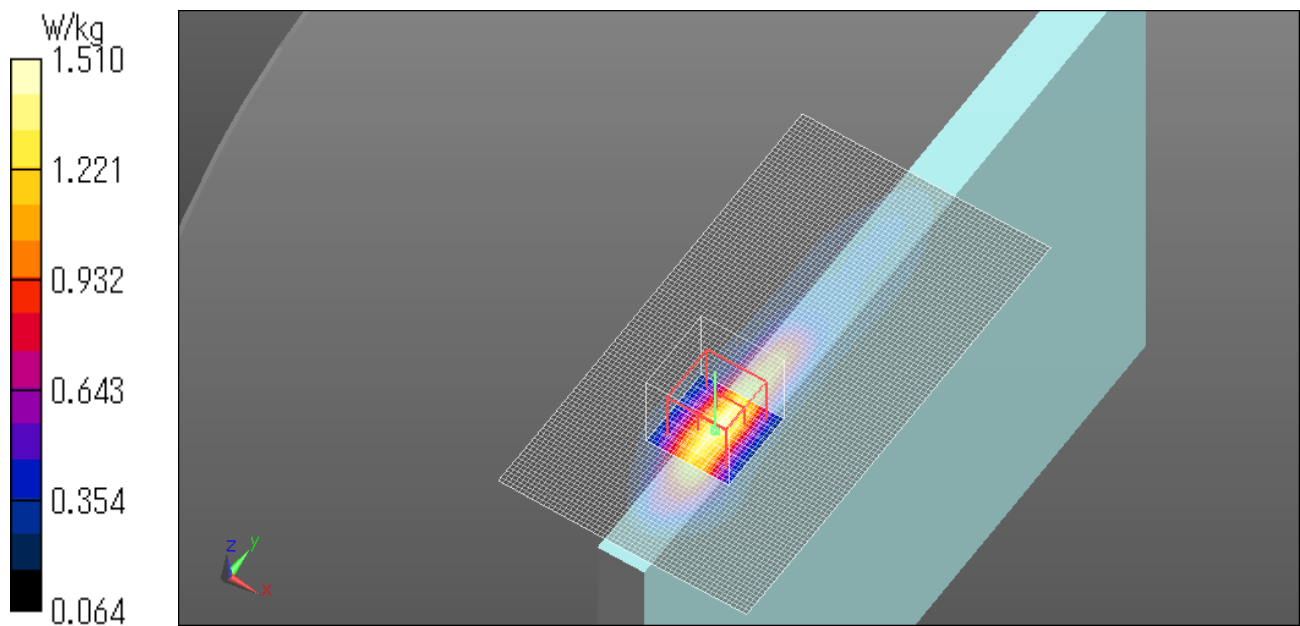
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 43.56 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.556 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



LTE Band17 711MHz QPSK Allocation25 Start0 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 55.929$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.53 W/kg

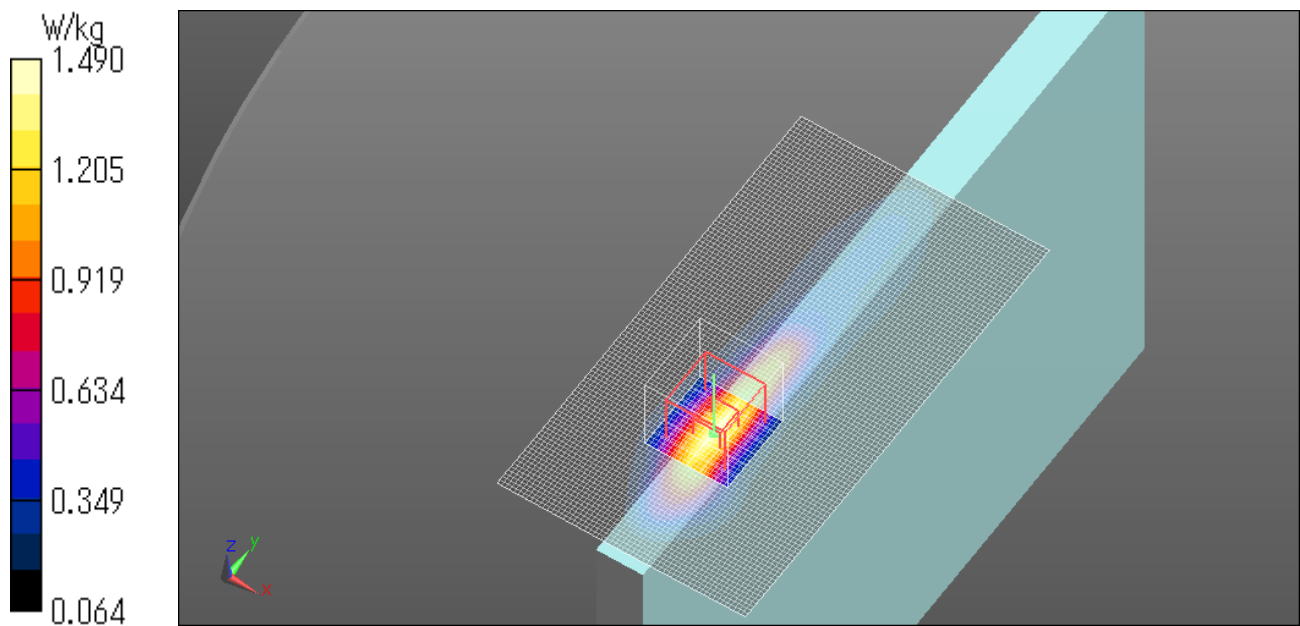
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.79 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.551 W/kg

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



Plot No.6

LTE Band17 709MHz QPSK Allocation50 Start0 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 55.949$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.61 W/kg

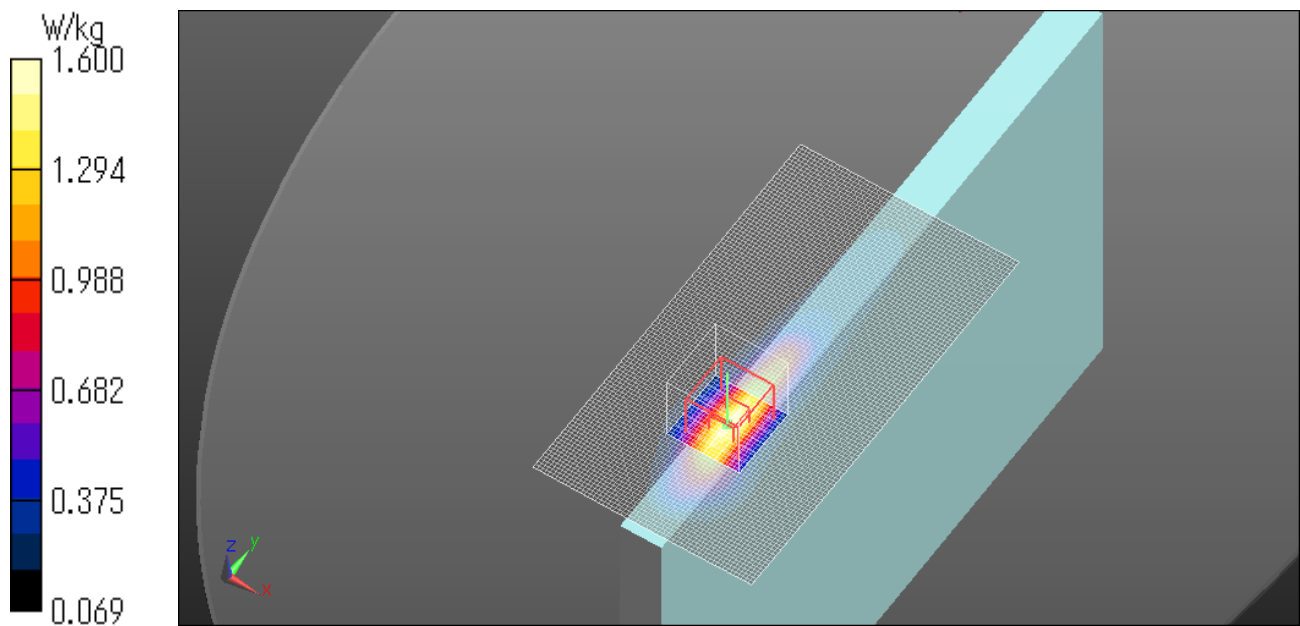
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.37 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.601 W/kg

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



LTE Band17 709MHz QPSK Allocation1 Start24 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 56.105$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.64 W/kg

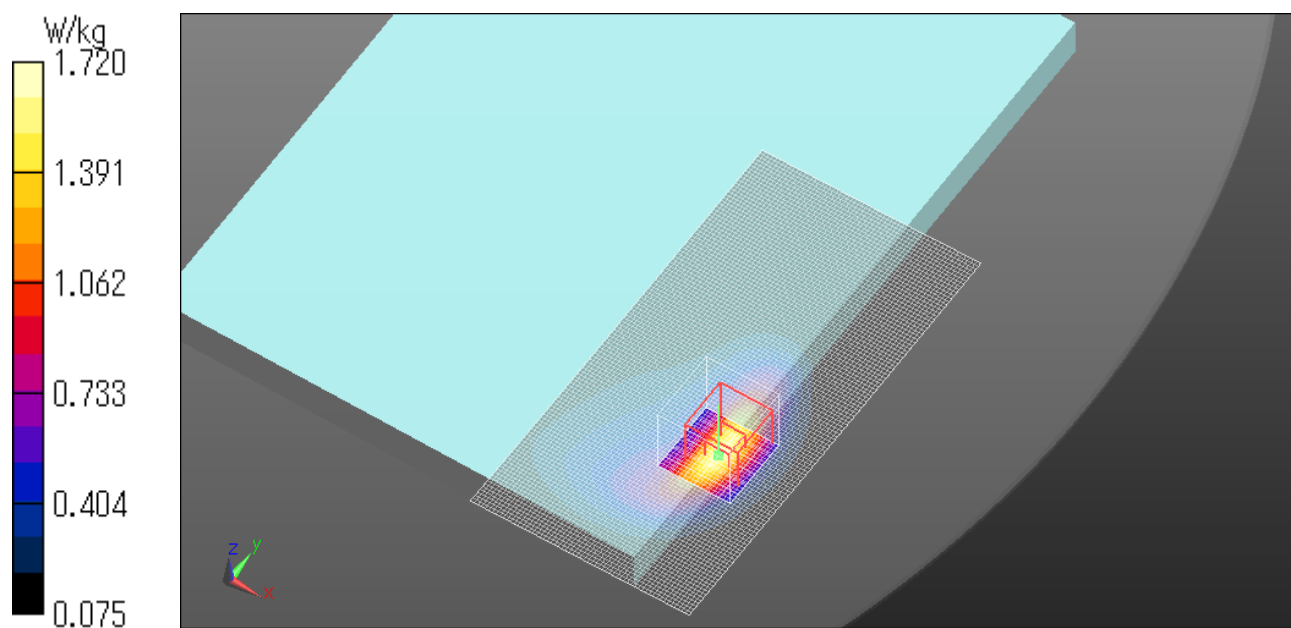
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 45.68 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.677 W/kg

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



LTE Band17 710MHz QPSK Allocation1 Start24 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 56.096$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.73 W/kg

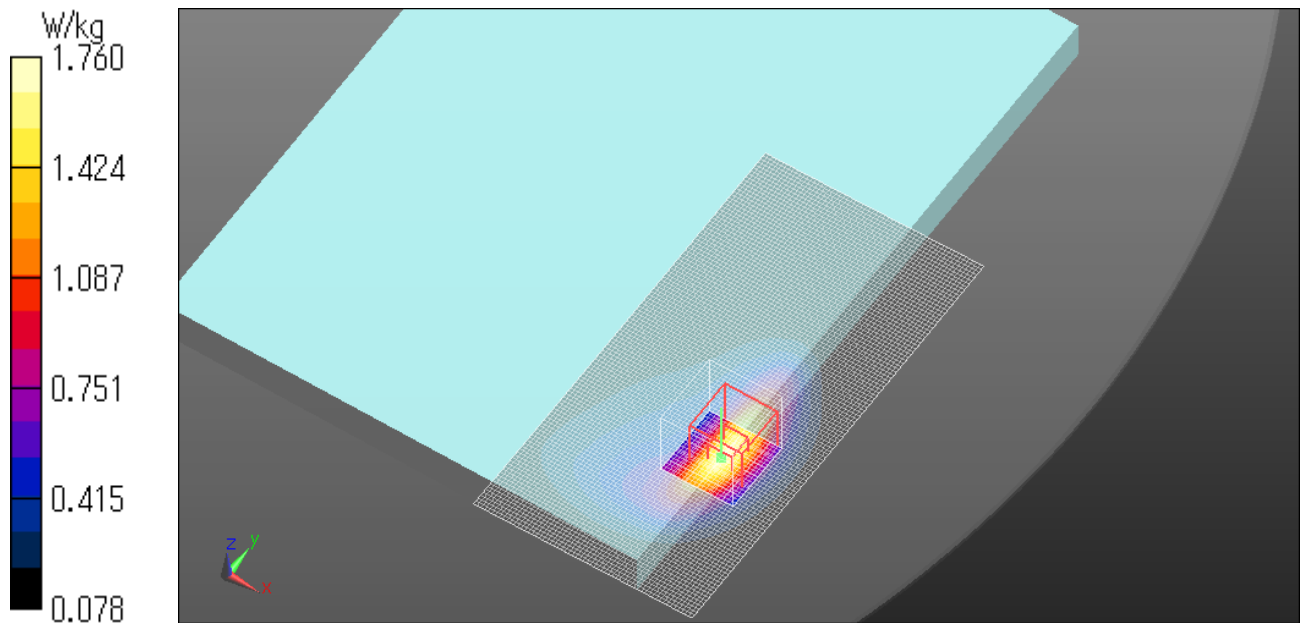
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 47.11 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.684 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



LTE Band17 711MHz QPSK Allocation1 Start24 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 56.085$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.69 W/kg

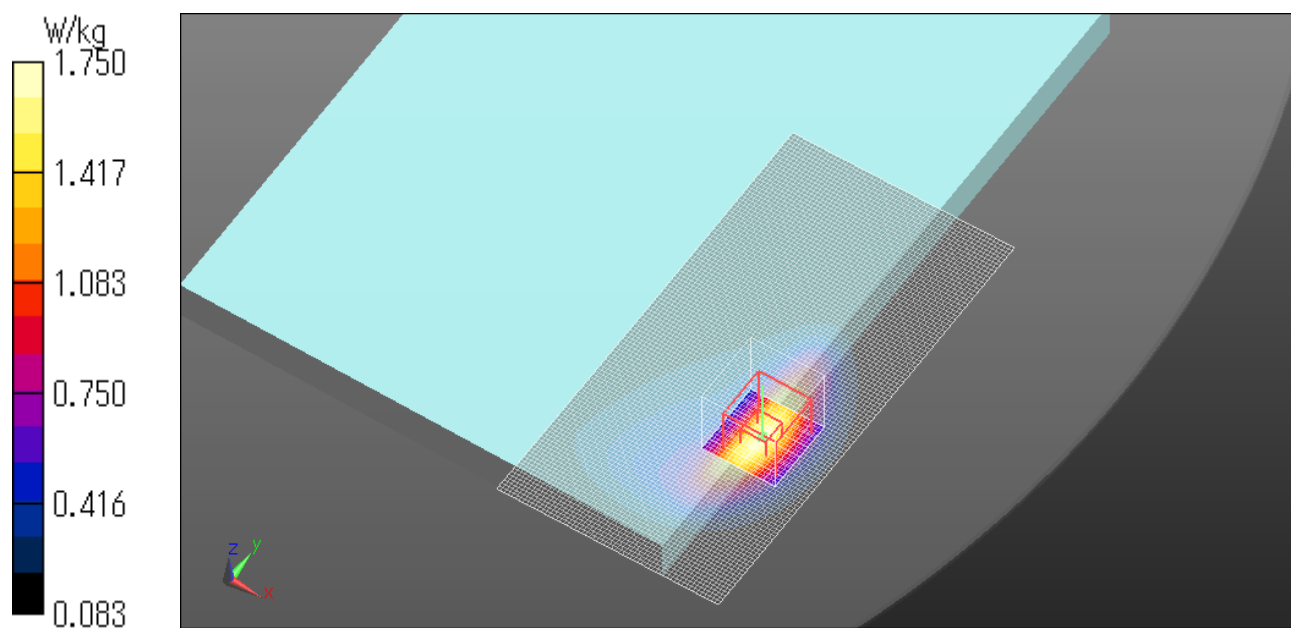
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 47.16 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.689 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



LTE Band17 709MHz QPSK Allocation25 Start24 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 56.105$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.66 W/kg

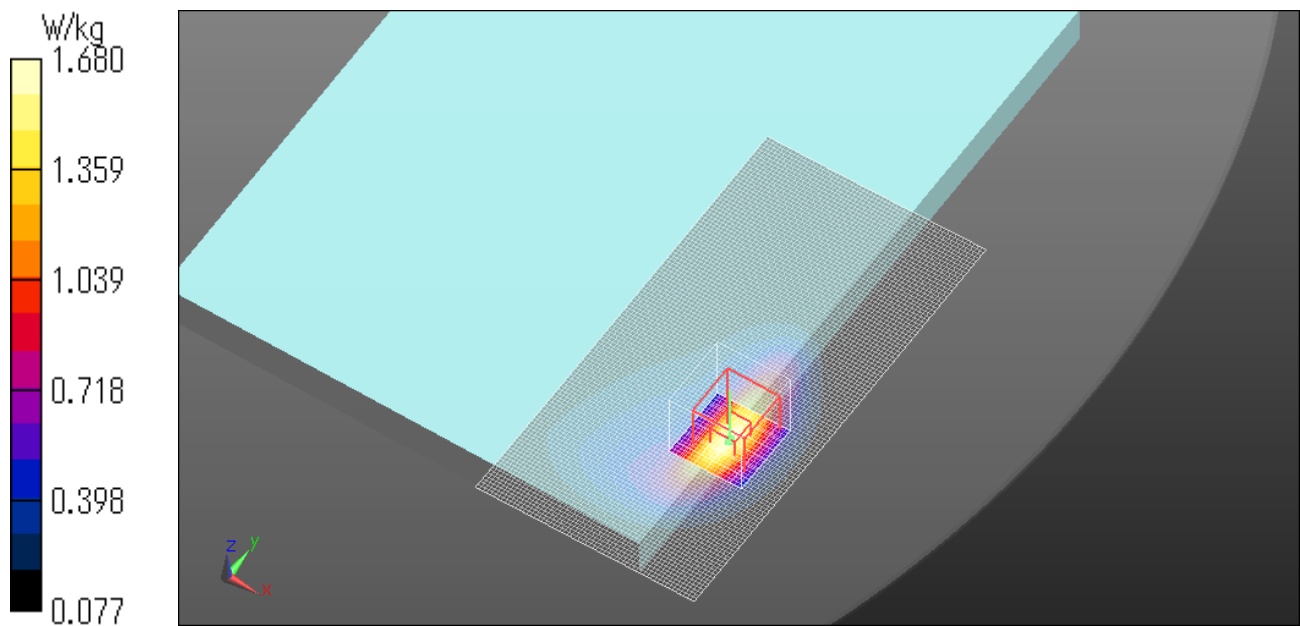
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 46.96 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.662 W/kg

Maximum value of SAR (measured) = 1.68 W/kg



LTE Band17 710MHz QPSK Allocation25 Start12 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 56.096$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.68 W/kg

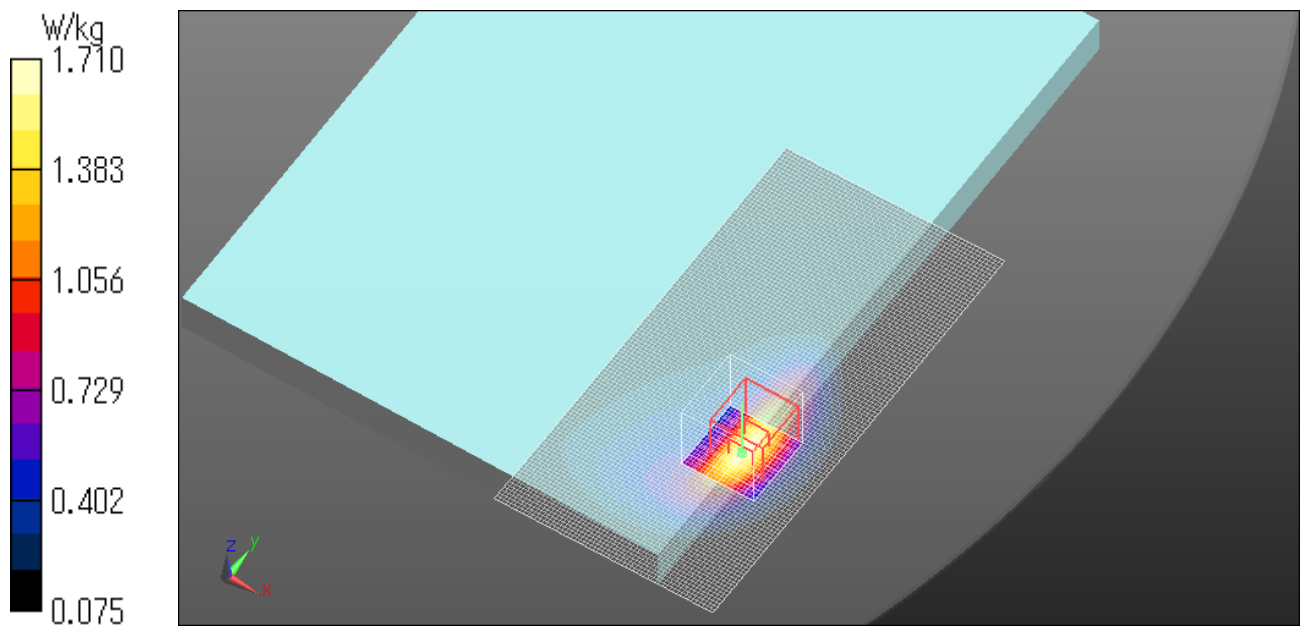
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 46.81 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.667 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



LTE Band17 711MHz QPSK Allocation25 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 56.085$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.66 W/kg

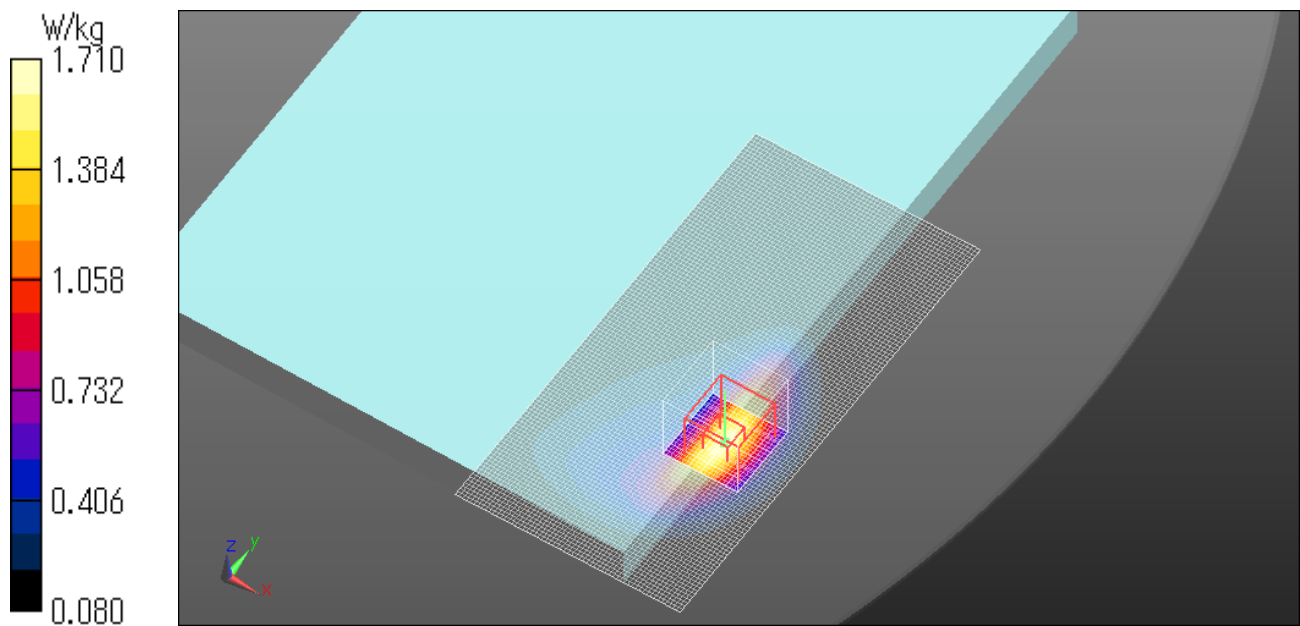
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 47.07 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.670 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



LTE Band17 709MHz QPSK Allocation50 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 56.105$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

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

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 1.60 W/kg

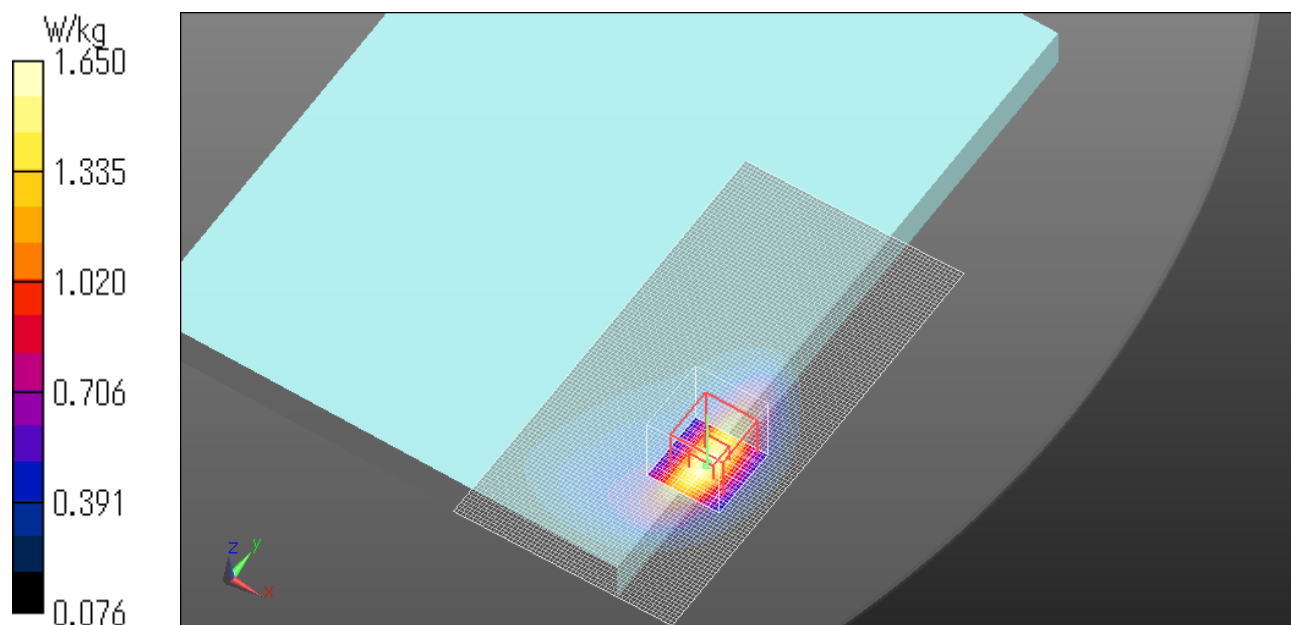
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 46.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.647 W/kg

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



LTE Band17 710MHz QPSK Allocation1 Start24 Edge1 23mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 55.94$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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

Area Scan (61x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

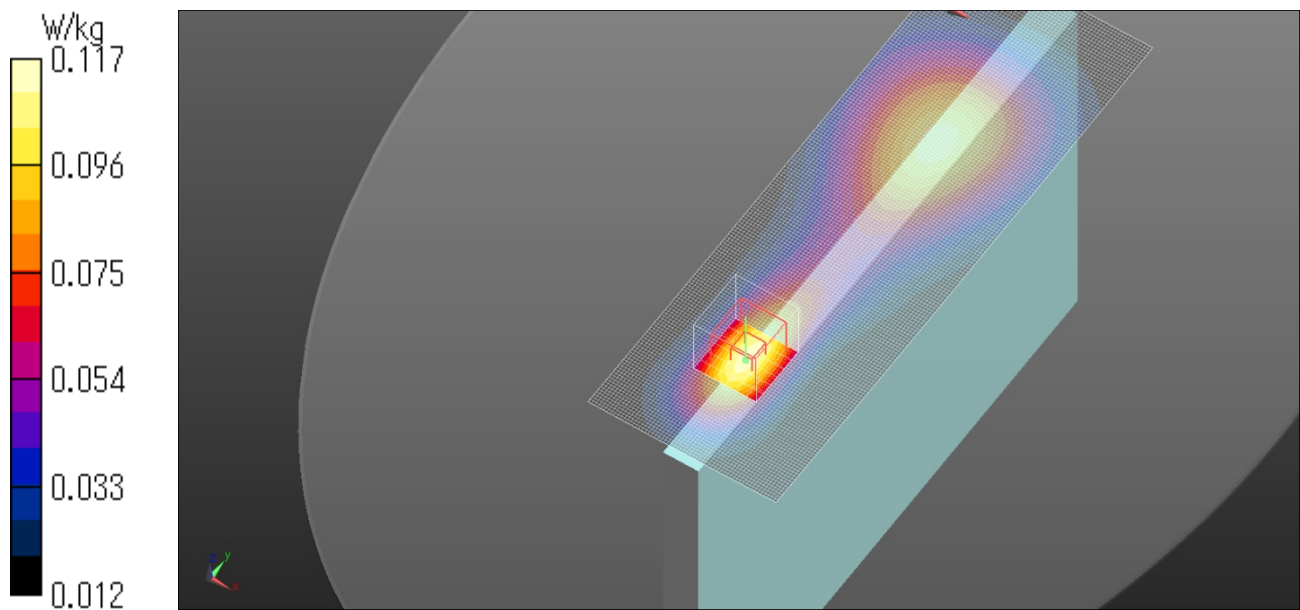
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.01 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



LTE Band17 709MHz QPSK Allocation25 Start12 Edge1 23mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 55.949$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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

Area Scan (61x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0932 W/kg

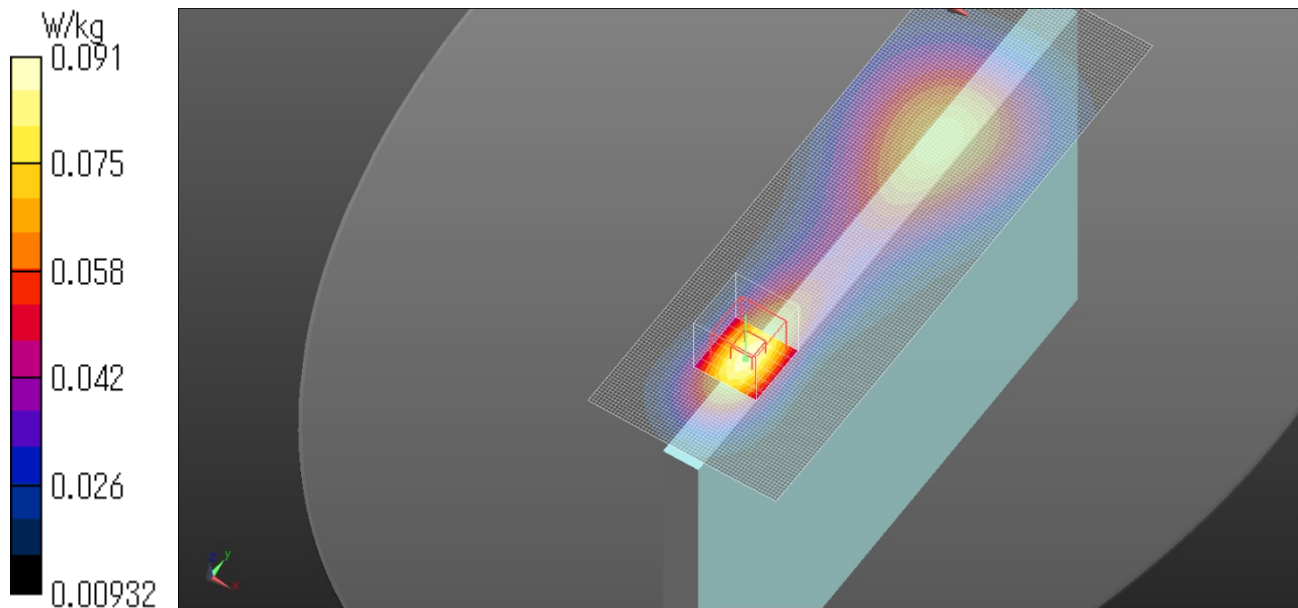
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.65 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0912 W/kg



LTE Band17 710MHz QPSK Allocation1 Start24 Edge4 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 56.096$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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) = 0.259 W/kg

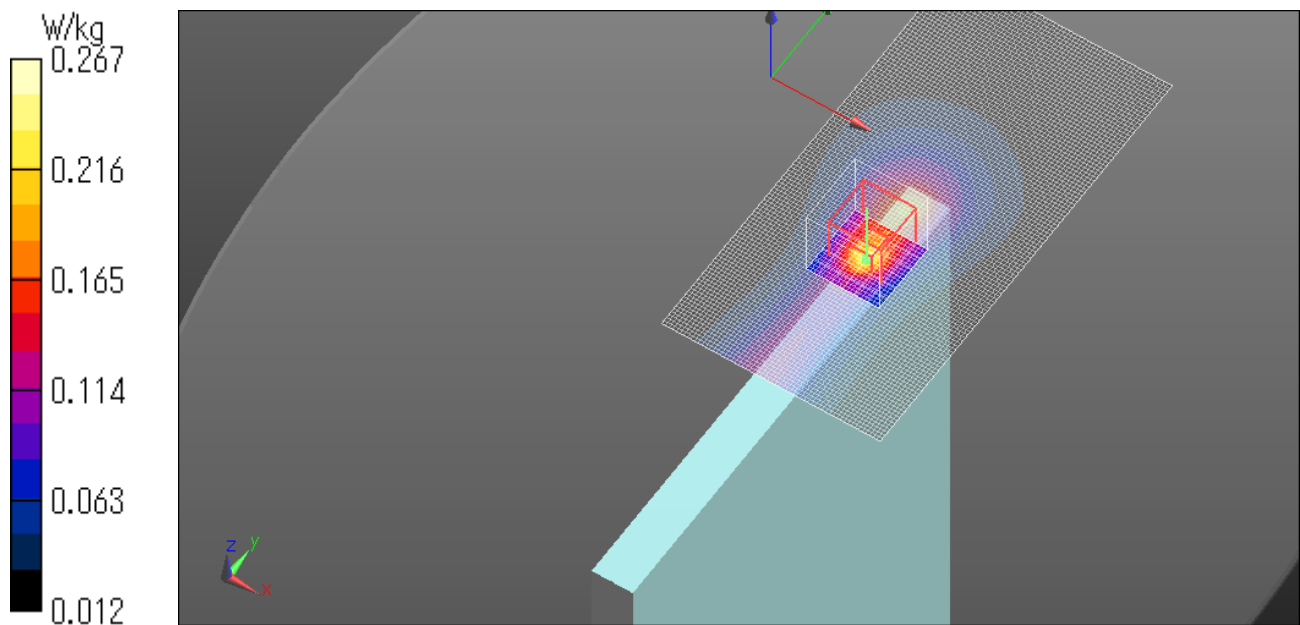
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.82 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.267 W/kg



LTE Band17 709MHz QPSK Allocation25 Start12 Edge4 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 56.105$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

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

Area Scan (61x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.157 W/kg

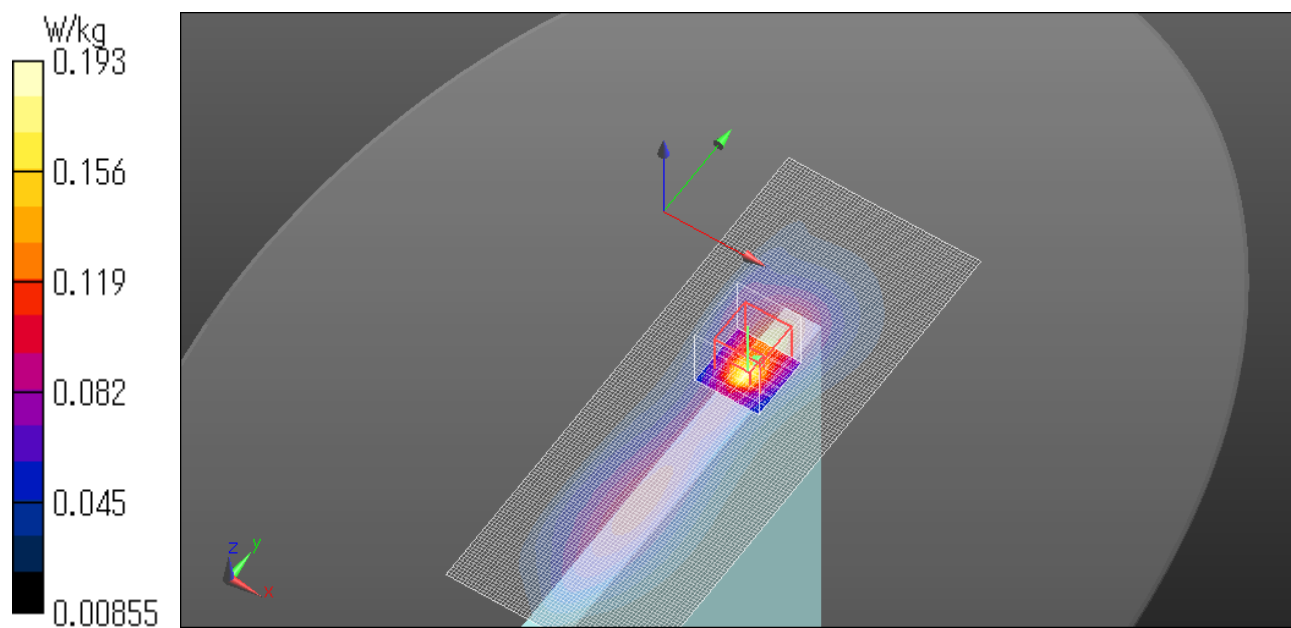
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.25 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.193 W/kg



LTE Band17 710MHz QPSK Allocation1 Start24 Bottom side 17mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 56.096$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASY52, 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) = 0.268 W/kg

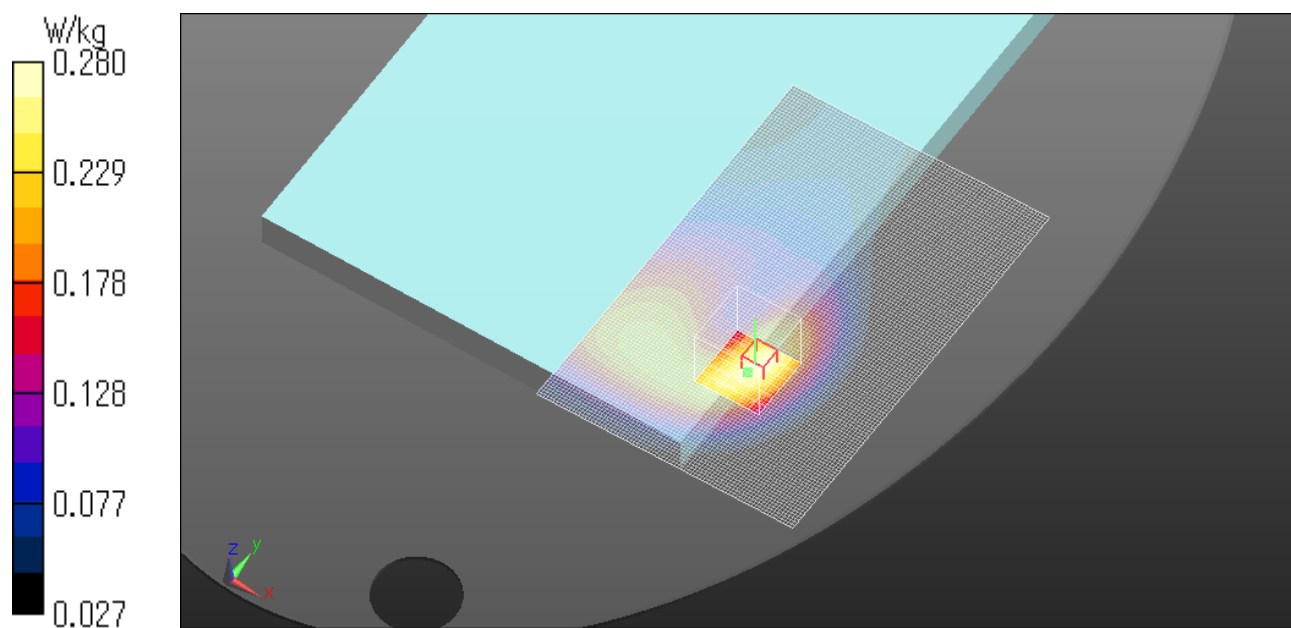
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.42 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.280 W/kg



LTE Band17 709MHz QPSK Allocation25 Start12 Bottom side 17mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 56.105$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASY52, 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) = 0.211 W/kg

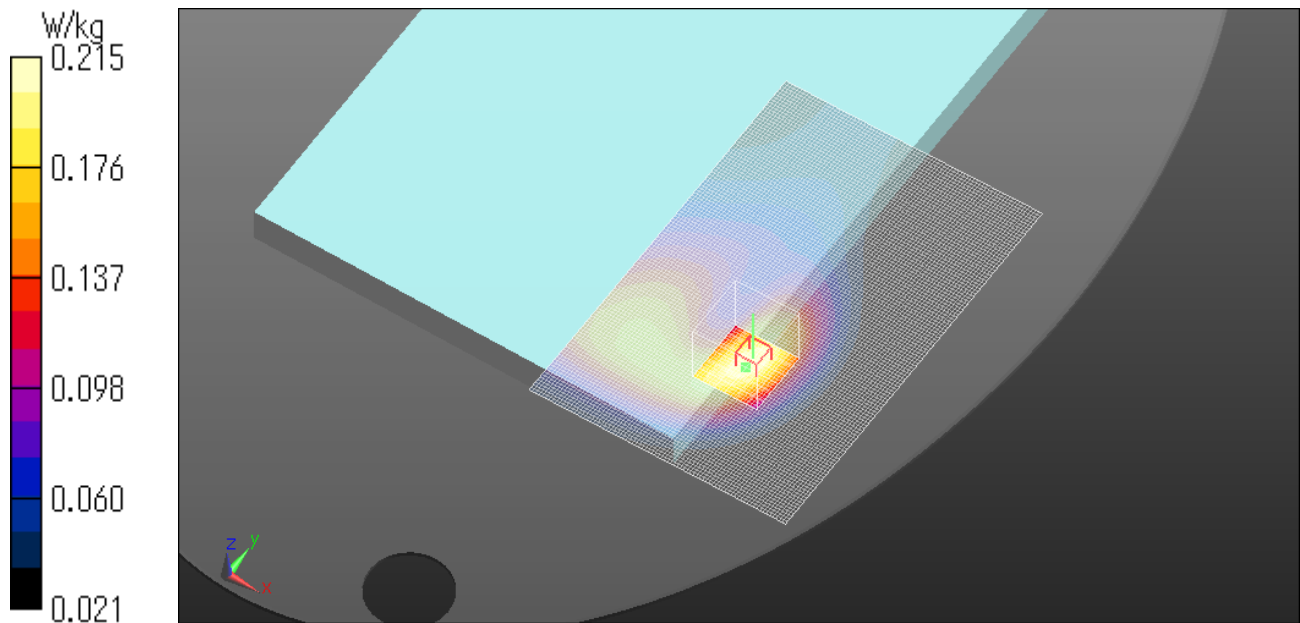
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.34 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.174 W/kg

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



LTE Band17 710MHz QPSK Allocation1 Start24 Bottom Convertible mode 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 56.096$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASY52, 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) = 0.239 W/kg

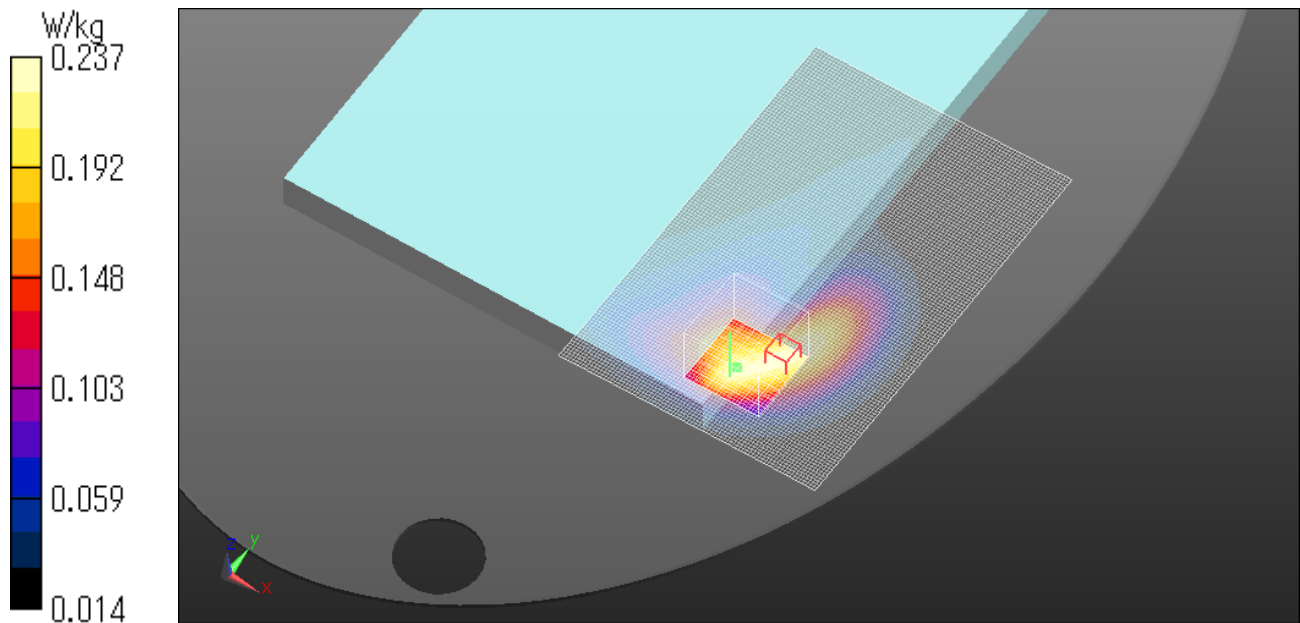
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.52 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.237 W/kg



LTE Band17 709MHz QPSK Allocation25 Start12 Bottom Convertible mode 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 56.105$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.12, 10.12, 10.12); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASY52, 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) = 0.188 W/kg

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

Reference Value = 14.60 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.185 W/kg

