

LTE Band5 829MHz QPSK Allocation1 Start49 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 53.456$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

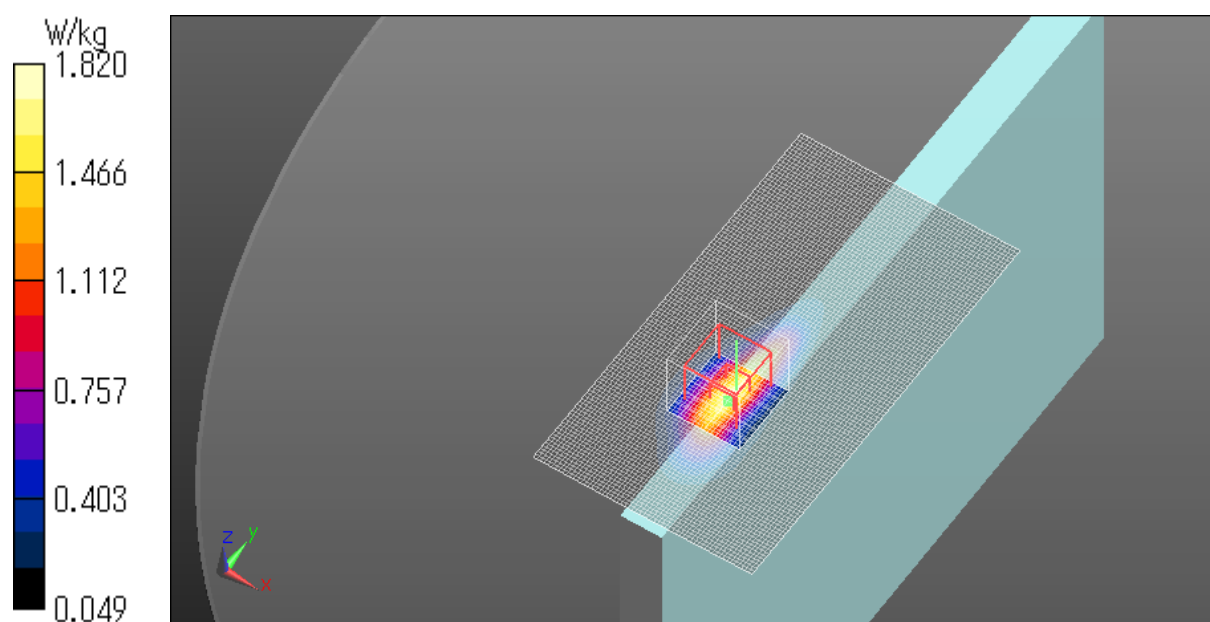
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.25 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.610 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



Plot No.1

LTE Band5 836.5MHz QPSK Allocation1 Start49 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

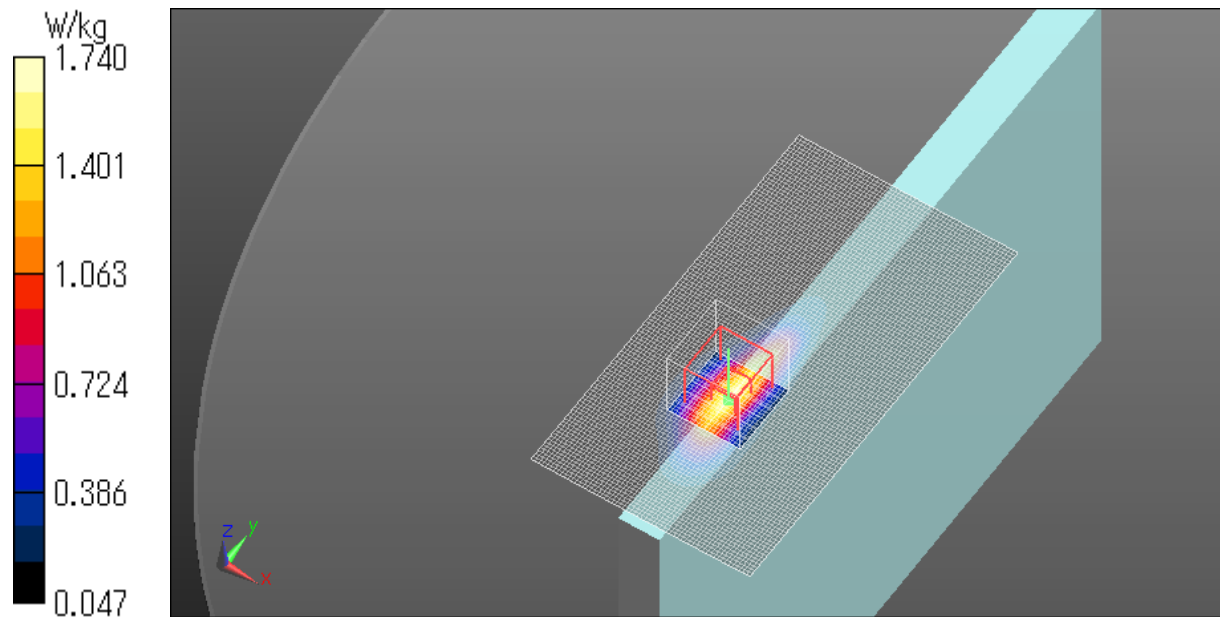
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 47.51 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.580 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



LTE Band5 844.0MHz QPSK Allocation1 Start1 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 53.292$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 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

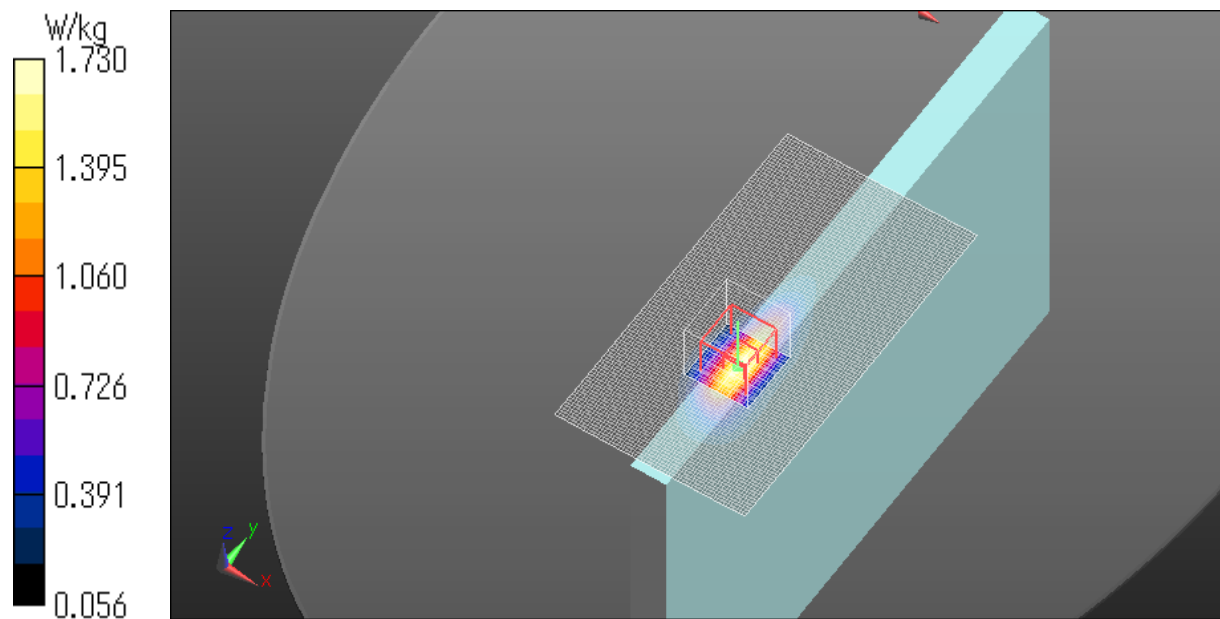
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 46.75 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.608 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



LTE Band5 829MHz QPSK Allocation25 Start12 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 53.456$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

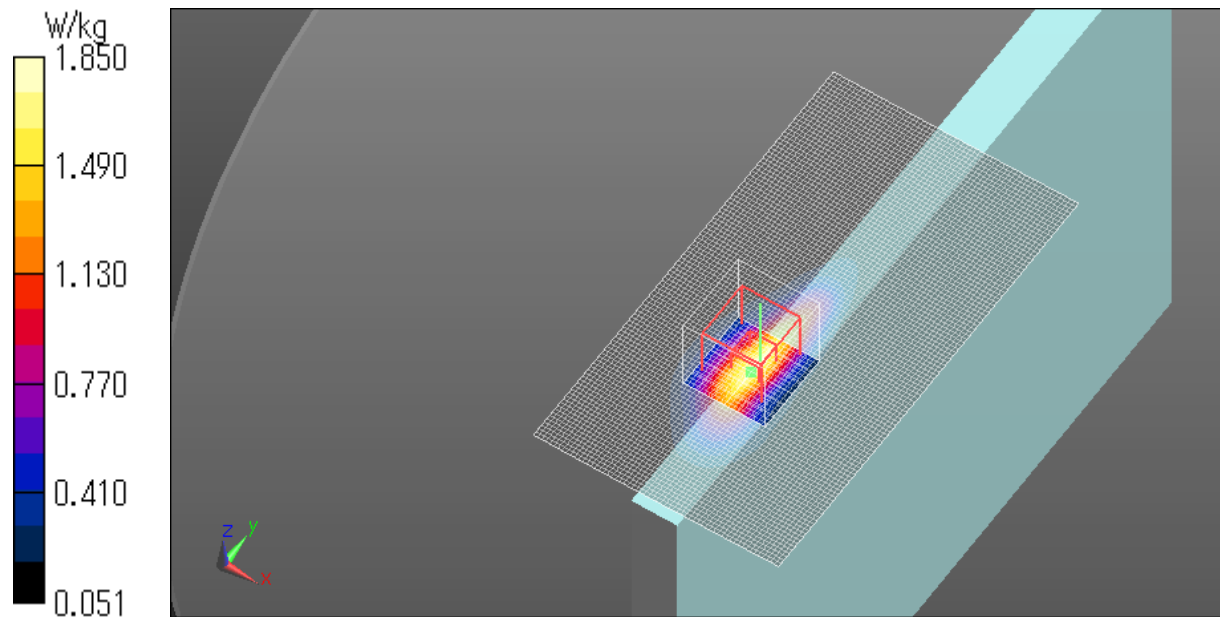
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.89 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.620 W/kg

Maximum value of SAR (measured) = 1.85 W/kg



LTE Band5 836.5MHz QPSK Allocation25 Start24 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 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

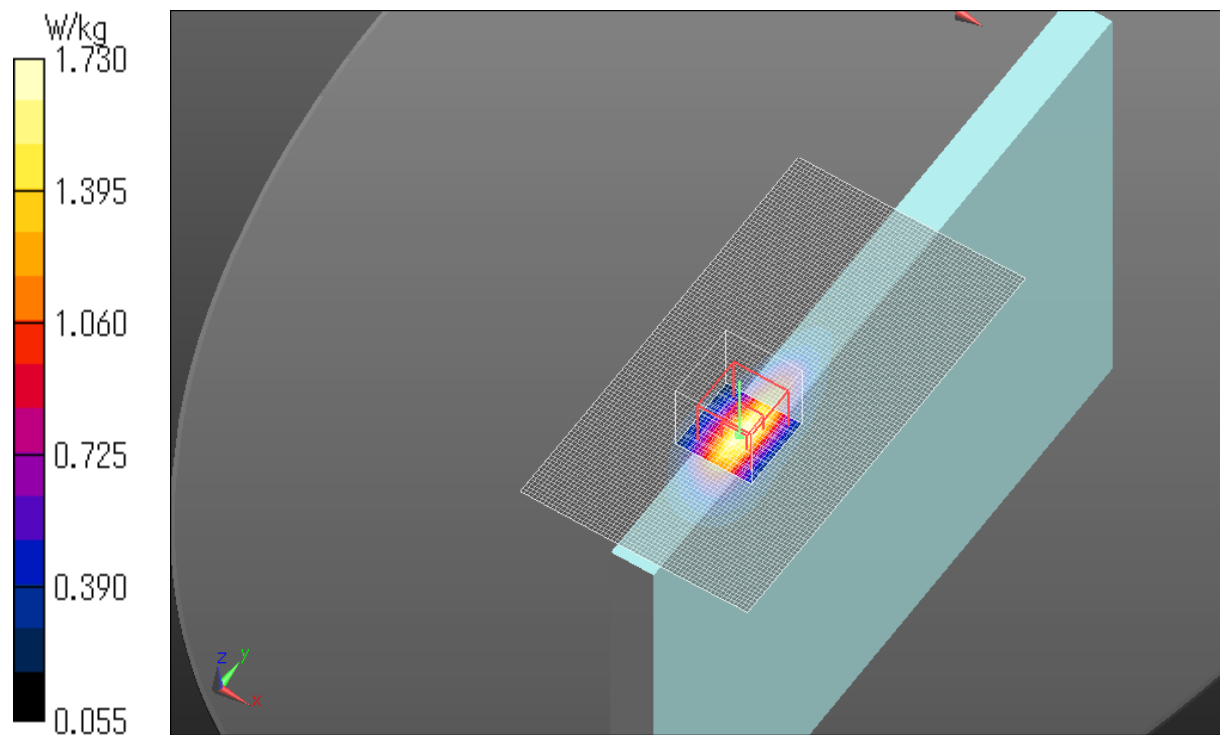
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 46.95 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.599 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



LTE Band5 844MHz QPSK Allocation25 Start0 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 53.292$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

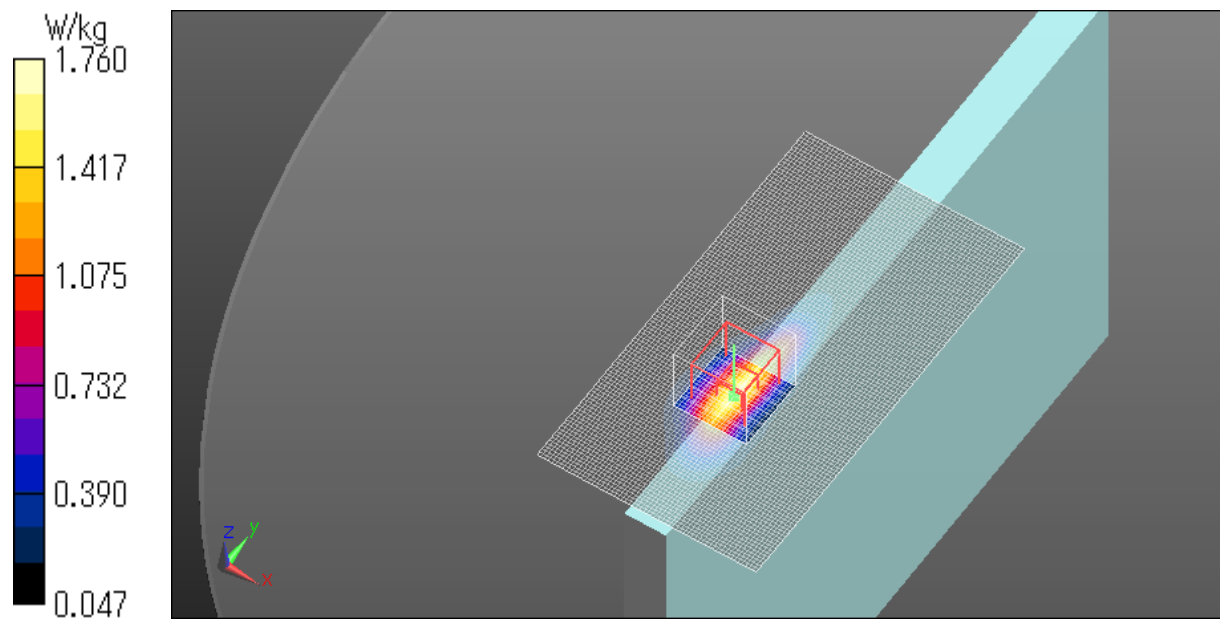
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 47.42 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.582 W/kg

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



LTE Band5 836.5MHz QPSK Allocation50 Start0 Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

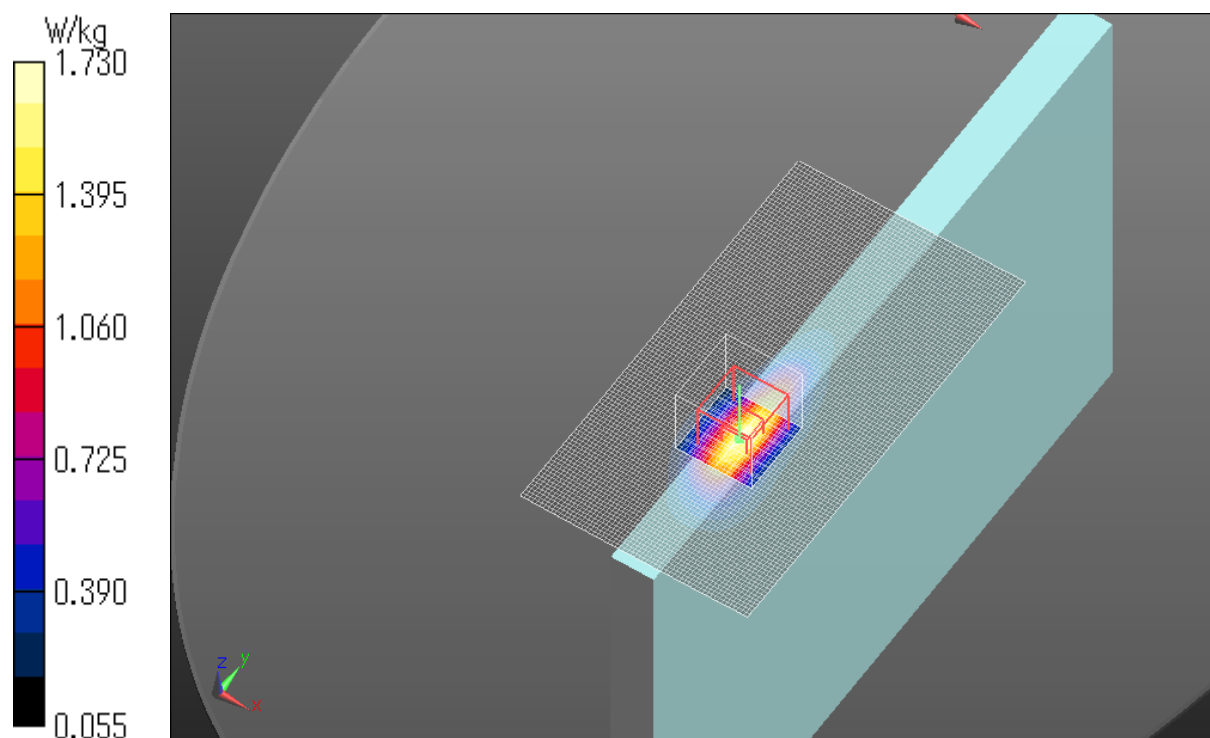
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 46.37 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.596 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



LTE Band5 829MHz QPSK Allocation1 Start49 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 53.278$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 1.19 W/kg

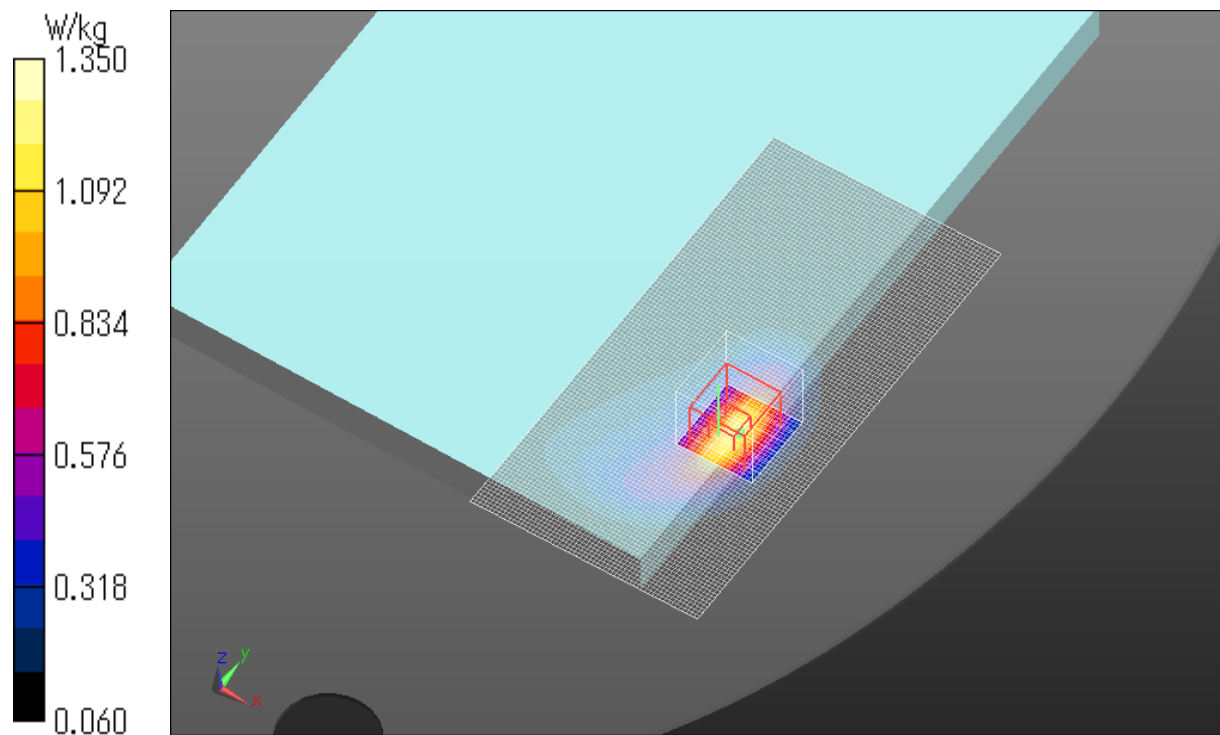
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 37.99 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.548 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



Plot No.8

LTE Band5 836.5MHz QPSK Allocation1 Start49 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

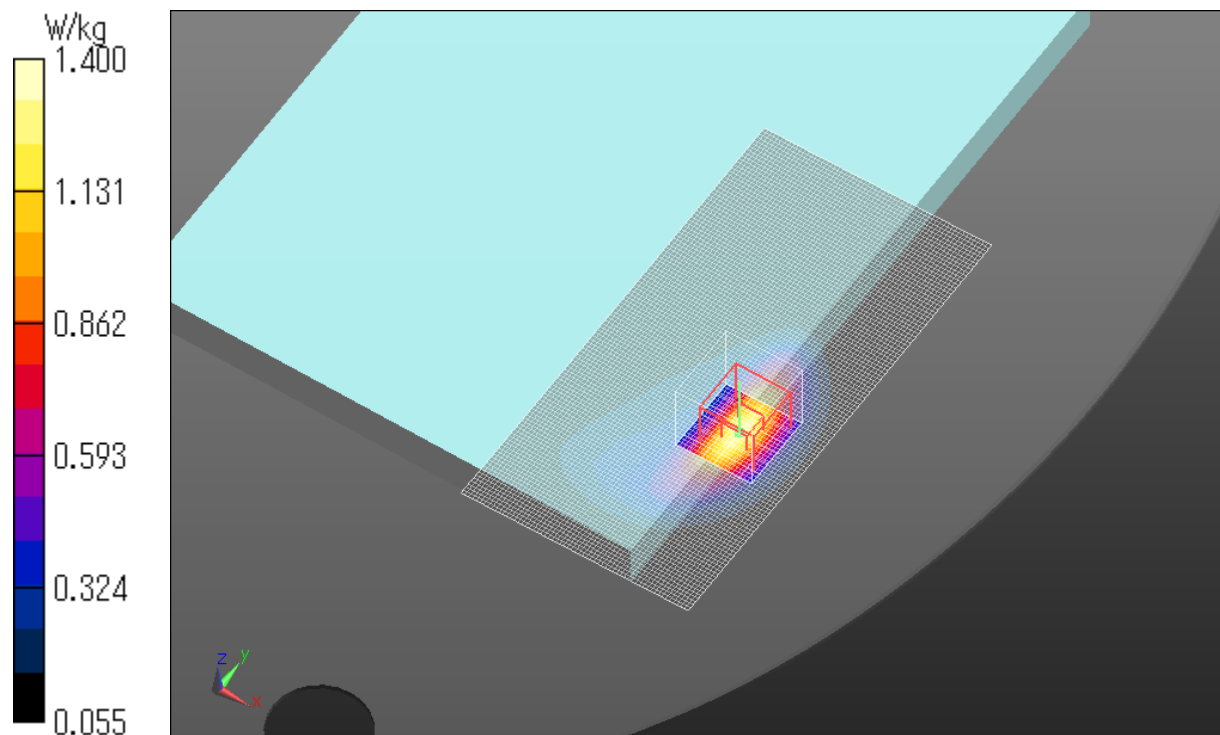
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 42.24 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.977 W/kg; SAR(10 g) = 0.539 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



LTE Band5 844.0MHz QPSK Allocation1 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 53.292$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 1.39 W/kg

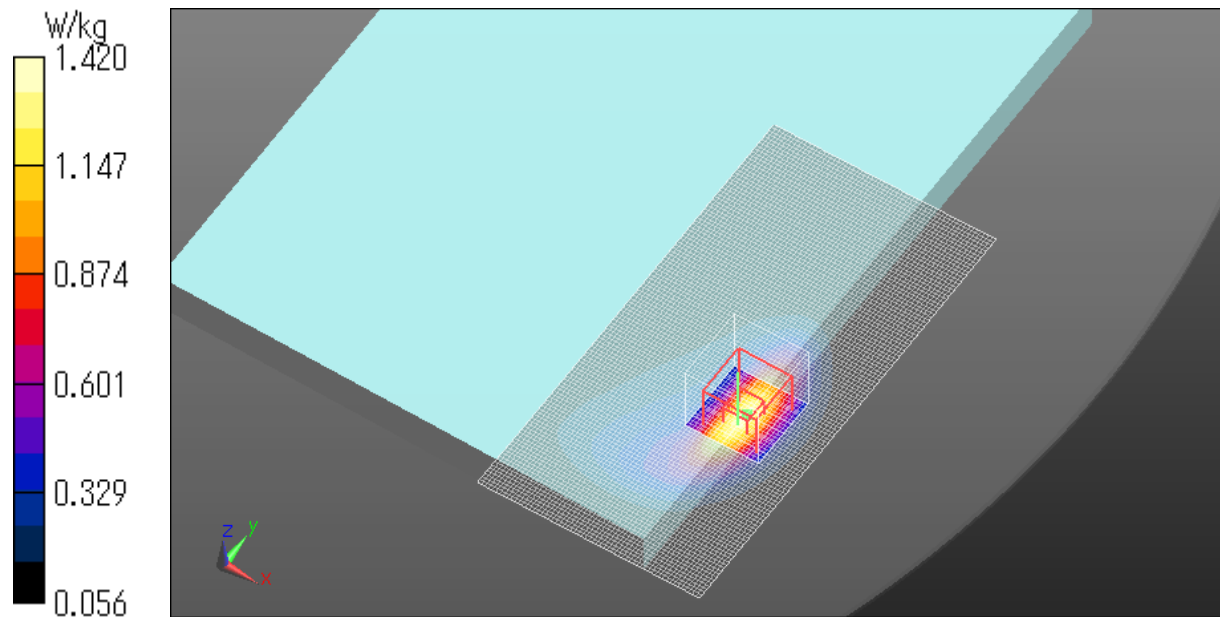
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 41.87 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.559 W/kg

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



LTE Band5 829MHz QPSK Allocation25 Start12 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 53.278$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 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

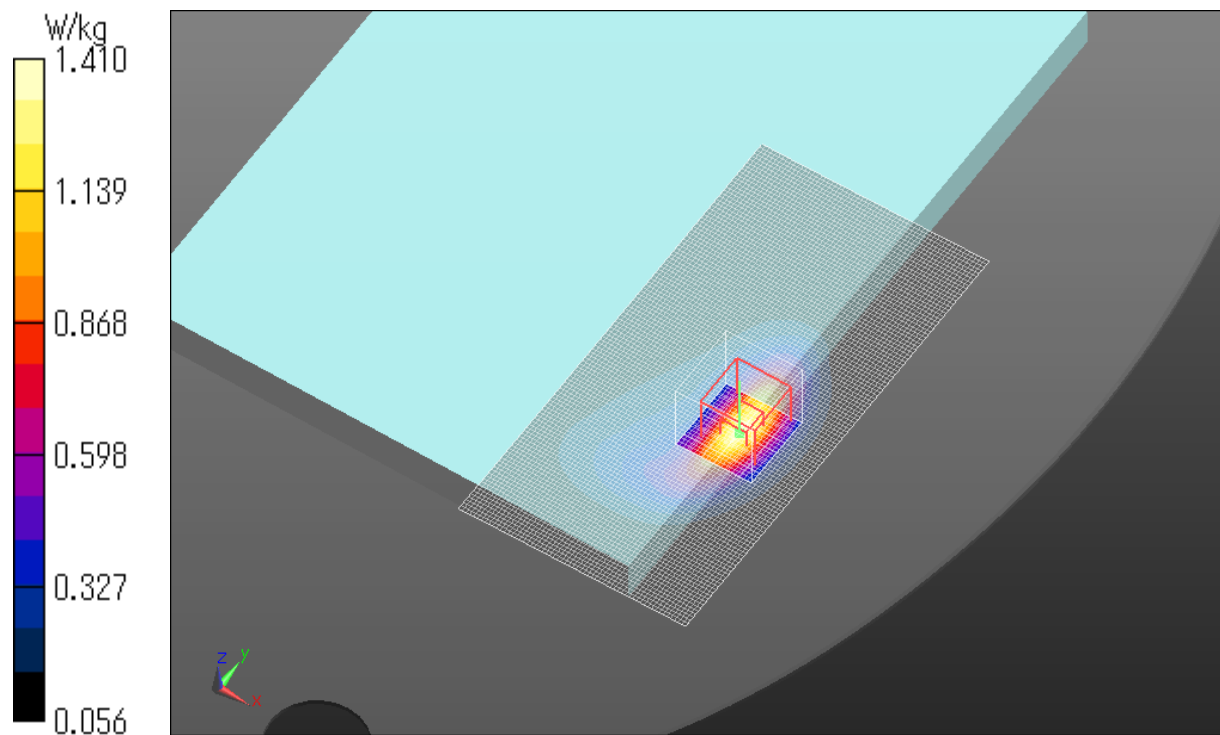
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 42.04 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.549 W/kg

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



LTE Band5 836.5MHz QPSK Allocation25 Start24 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

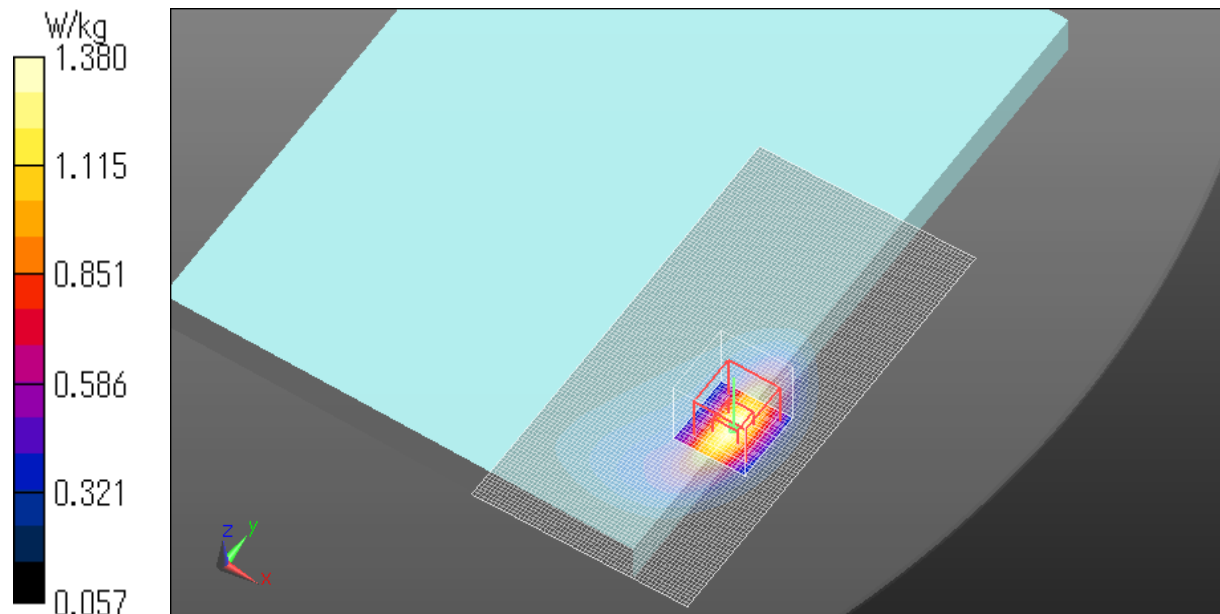
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 41.94 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.545 W/kg

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



LTE Band5 844MHz QPSK Allocation25 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 53.119$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 1.24 W/kg

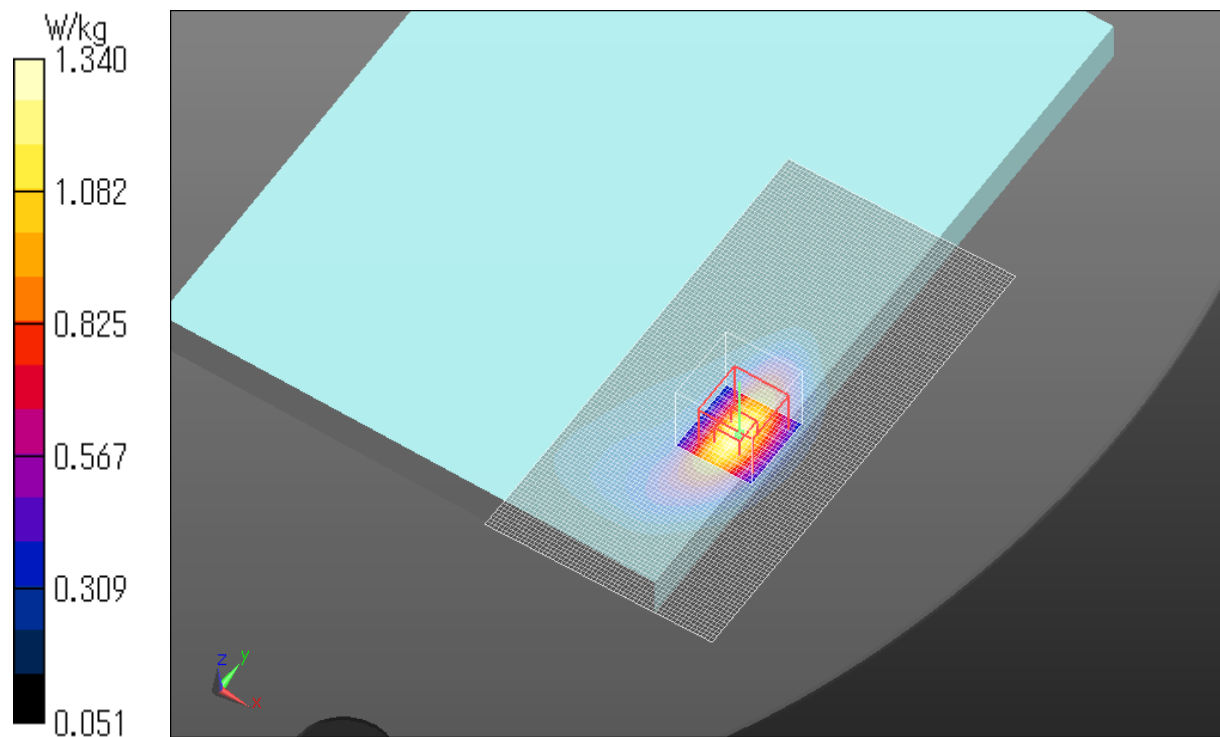
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 41.20 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.522 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



LTE Band5 836.5MHz QPSK Allocation50 Start0 Bottom side 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 1.35 W/kg

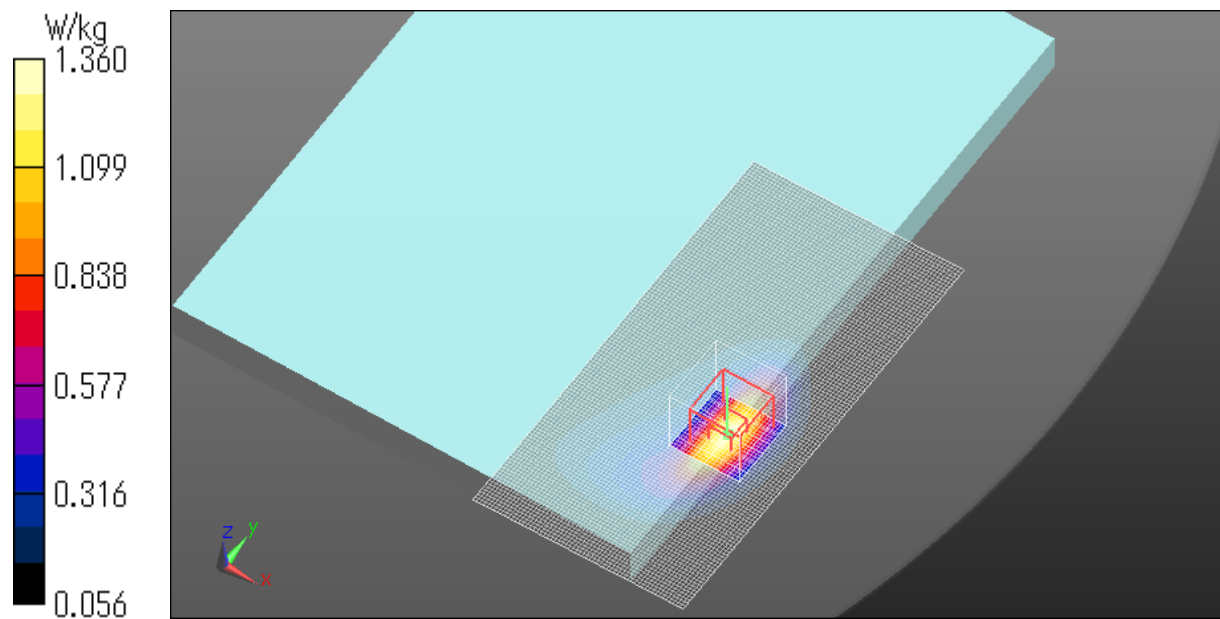
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 41.57 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.533 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



LTE Band5 836.5MHz QPSK Allocation1 Start49 Edge1 23mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 0.332 W/kg

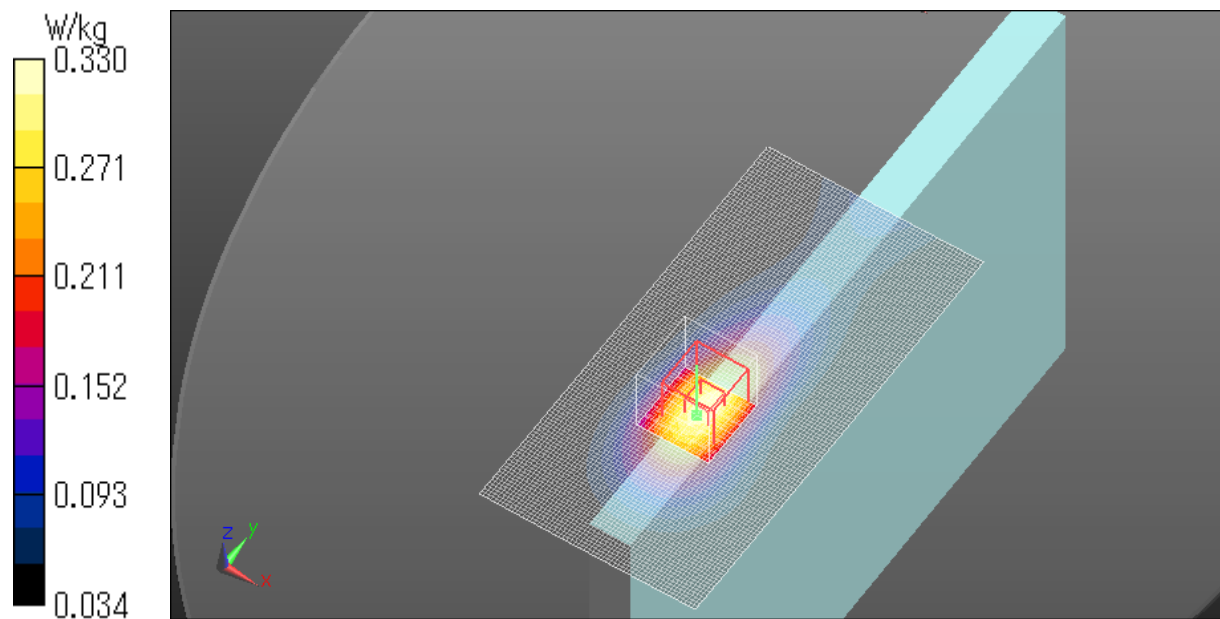
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.97 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



LTE Band5 829MHz QPSK Allocation25 Start12 Edge1 23mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 53.456$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 0.282 W/kg

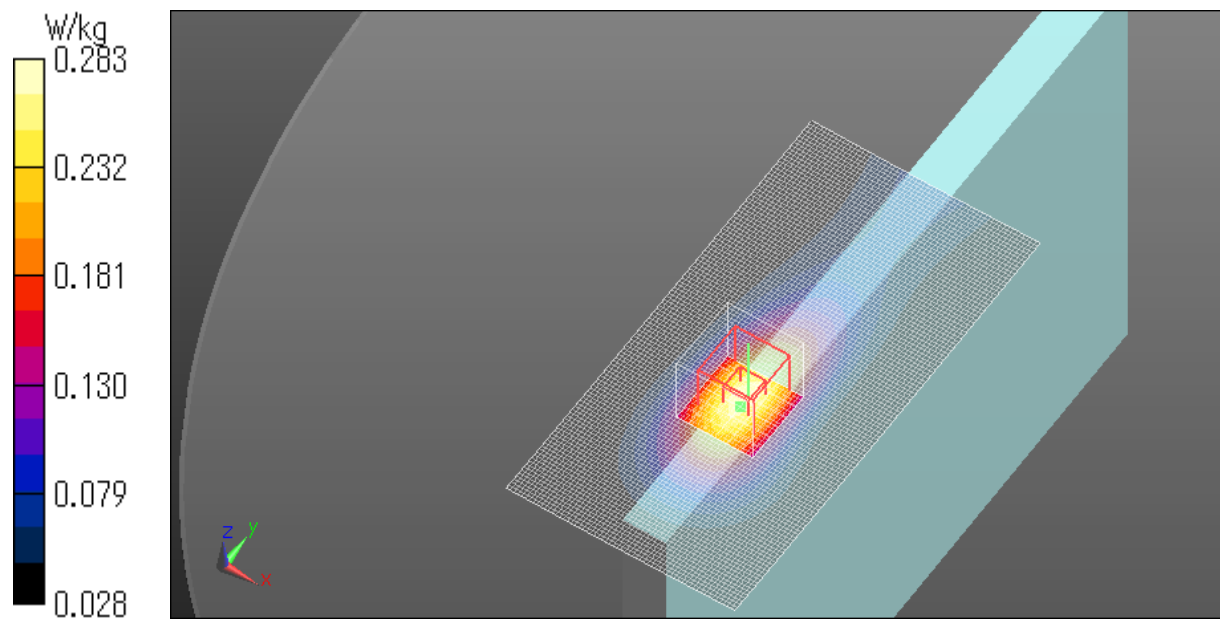
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.41 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



LTE Band5 836.5MHz QPSK Allocation1 Start49 Edge4 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 0.268 W/kg

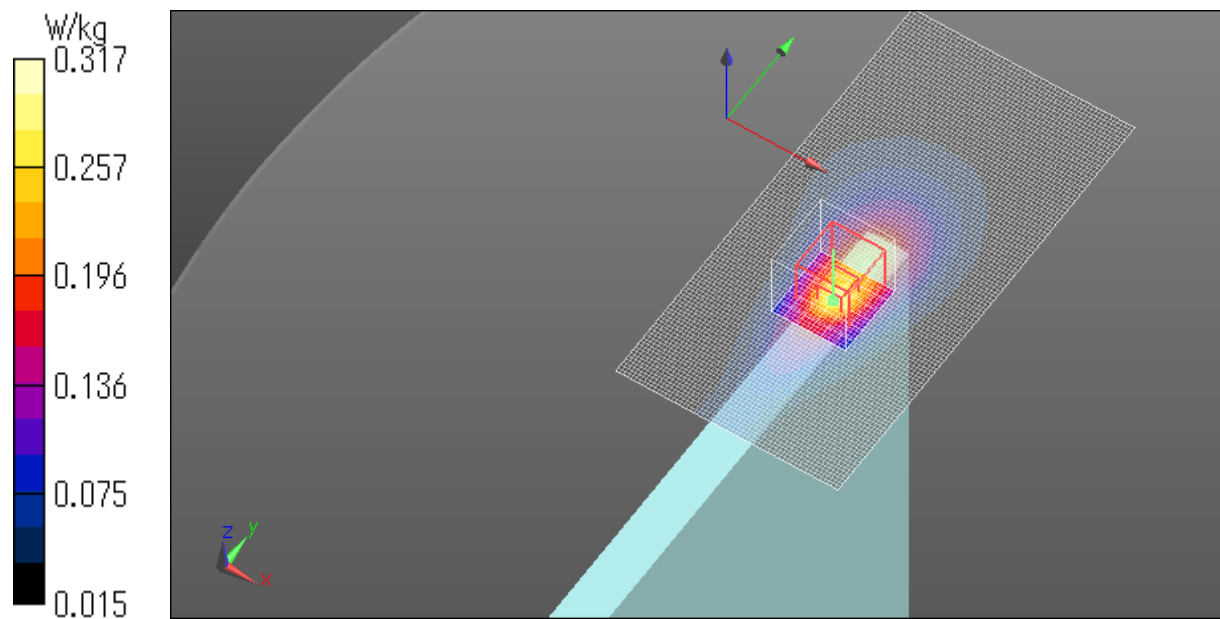
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.48 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.317 W/kg



LTE Band5 829MHz QPSK Allocation25 Start12 Edge4 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 53.456$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 0.223 W/kg

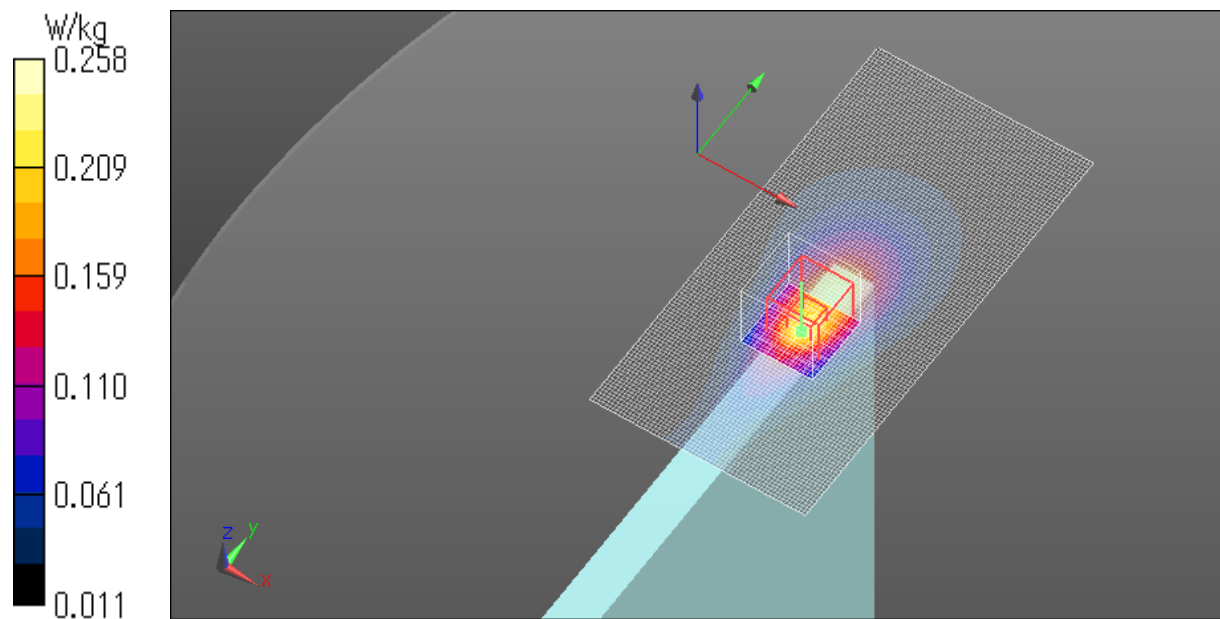
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.52 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.258 W/kg



LTE Band5 836.5MHz QPSK Allocation1 Start49 Bottom side 17mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 0.402 W/kg

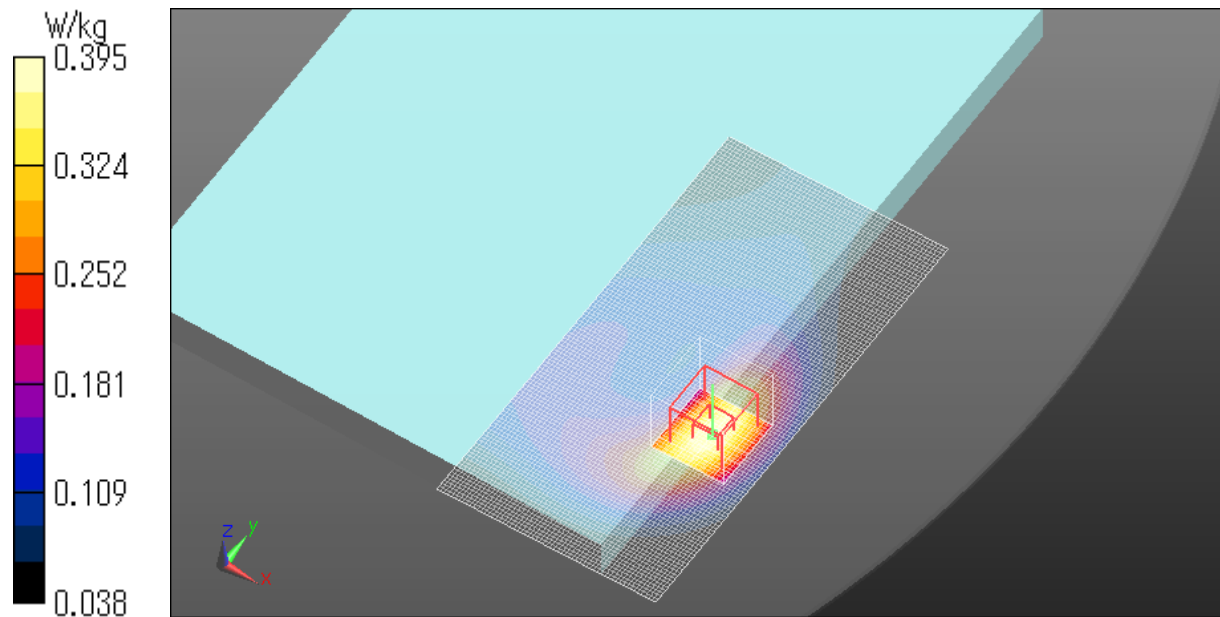
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.04 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.395 W/kg



LTE Band5 829MHz QPSK Allocation25 Start12 Bottom side 17mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 53.456$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 0.293 W/kg

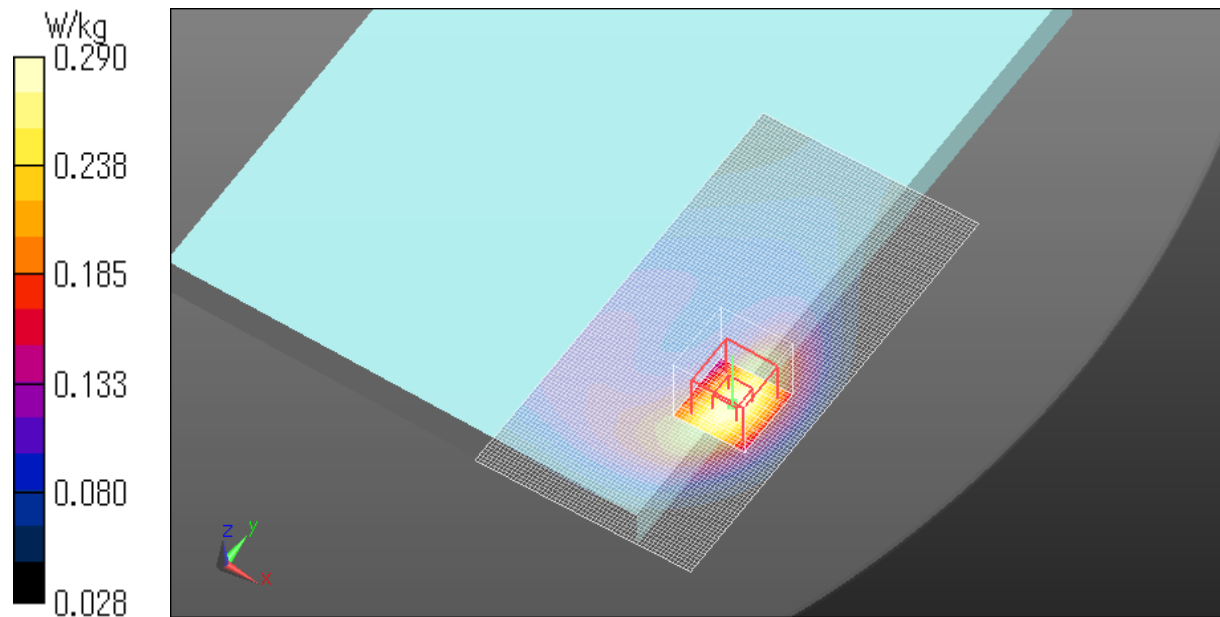
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.30 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.290 W/kg



LTE Band5 836.5MHz QPSK Allocation1 Start49 Bottom side Convertible mode 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 0.356 W/kg

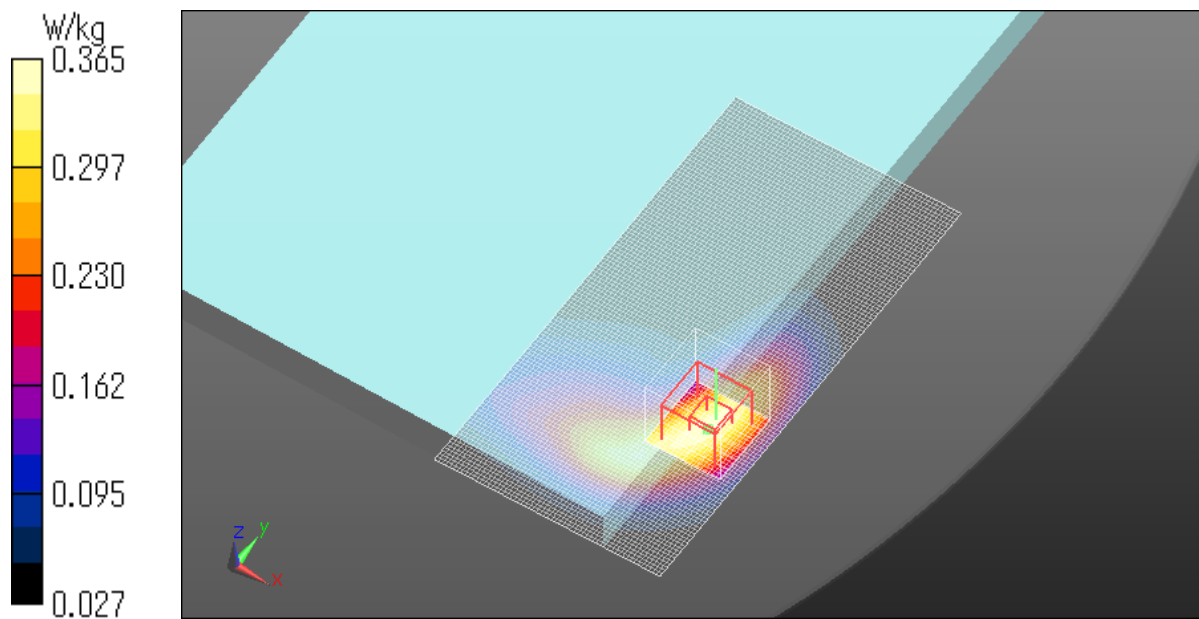
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.365 W/kg



LTE Band5 829MHz QPSK Allocation25 Start12 Bottom side Convertible mode 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 53.456$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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

DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (interpolated) = 0.293 W/kg

Zoom Scan 2 (8x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.27 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.315 W/kg

