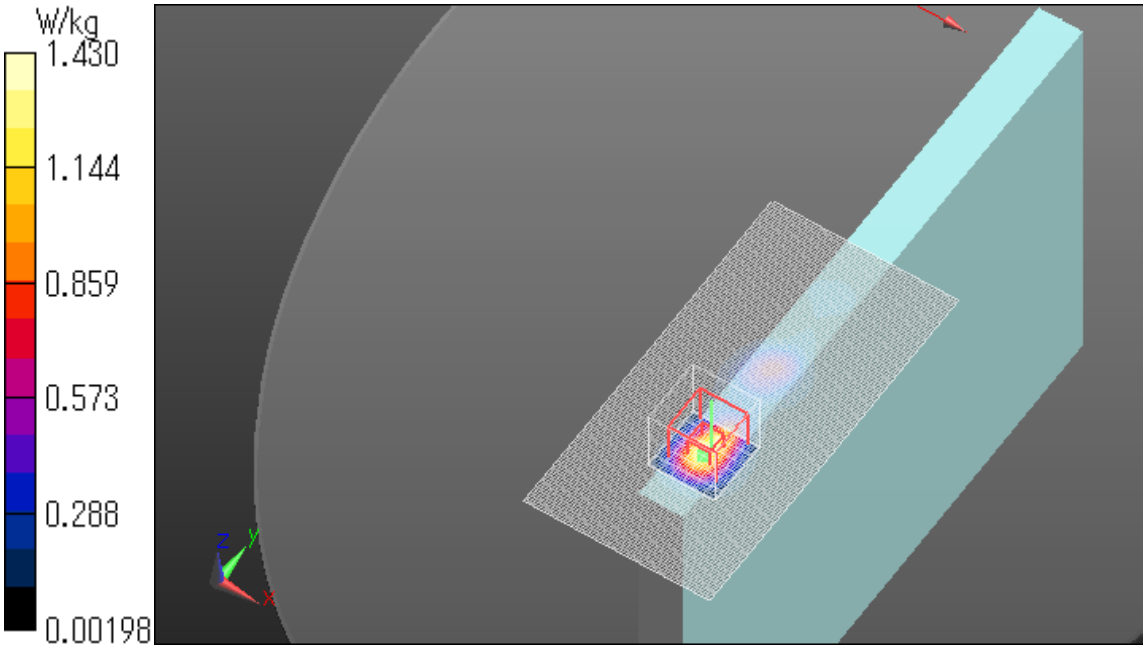
17.12 SAR test plots for LTE Band 41

LTE Band41 Edge1 0mm QPSK 2506MHz Allocation1 Start49 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2506 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2506 MHz; σ = 2.098 S/m; ε_r = 51.021; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.31 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 1.43 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



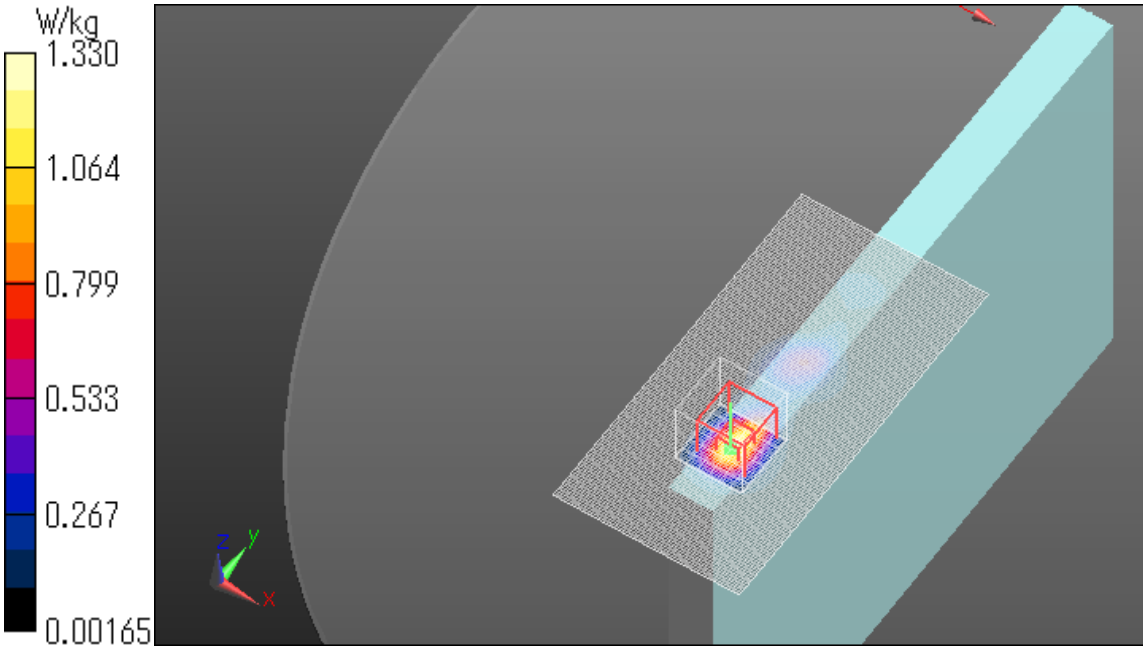
Plot No. 1

LTE Band41 Edge1 0mm QPSK 2549.5MHz Allocation1 Start49 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2549.5 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2550 MHz; σ = 2.153 S/m; ε_r = 50.87; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.15 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.356 W/kg
Maximum value of SAR (measured) = 1.33 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

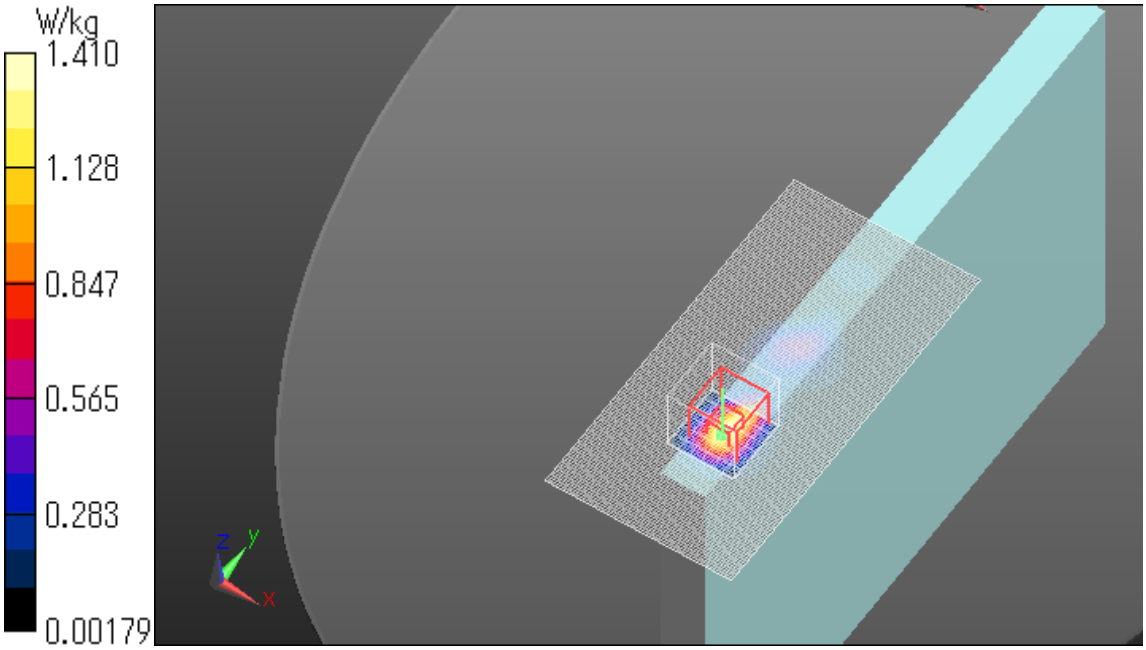


LTE Band41 Edge1 0mm QPSK 2593MHz Allocation1 Start49 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2593 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2593 MHz; σ = 2.215 S/m; ε_r = 50.688; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.68 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.374 W/kg
Maximum value of SAR (measured) = 1.41 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

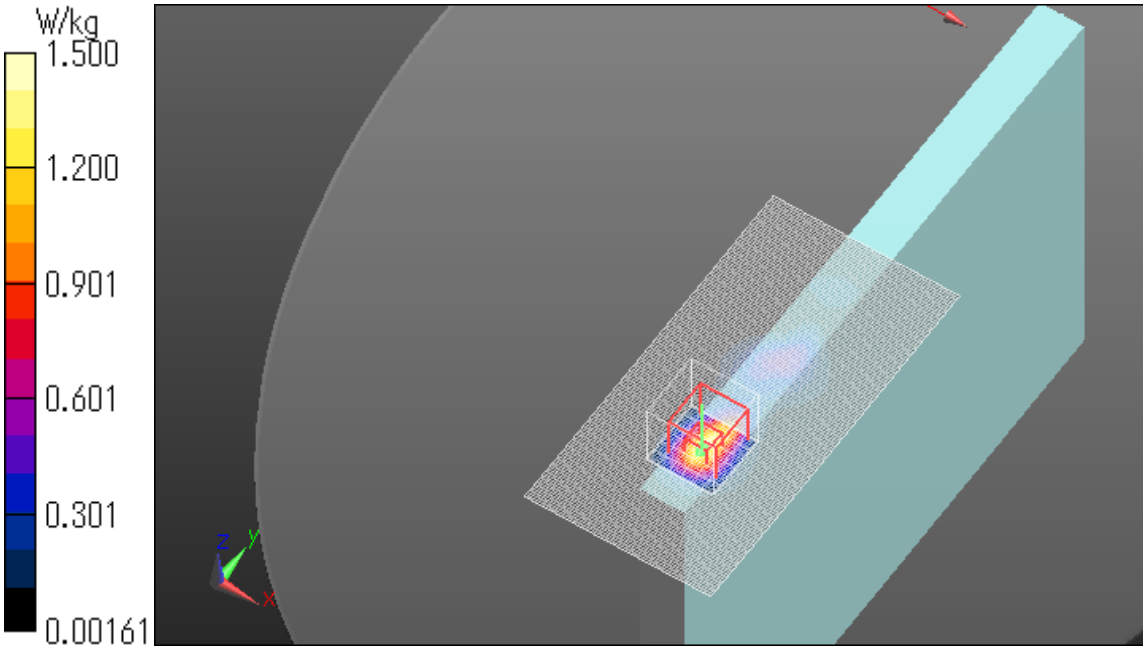


LTE Band41 Edge1 0mm QPSK 2636.5MHz Allocation1 Start49 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.277 S/m; ε_r = 50.529; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.18 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.392 W/kg
Maximum value of SAR (measured) = 1.50 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

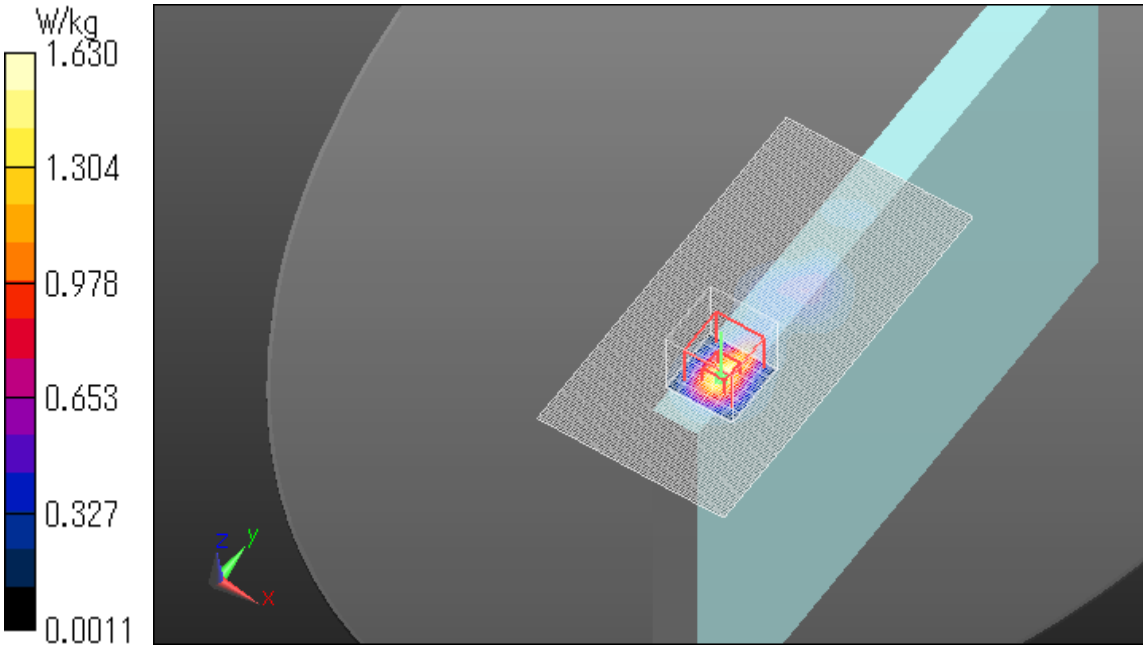


LTE Band41 Edge1 0mm QPSK 2680MHz Allocation1 Start49 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2680 MHz; σ = 2.342 S/m; ε_r = 50.37; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.67 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.90 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 0.990 W/kg; SAR(10 g) = 0.409 W/kg
Maximum value of SAR (measured) = 1.63 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

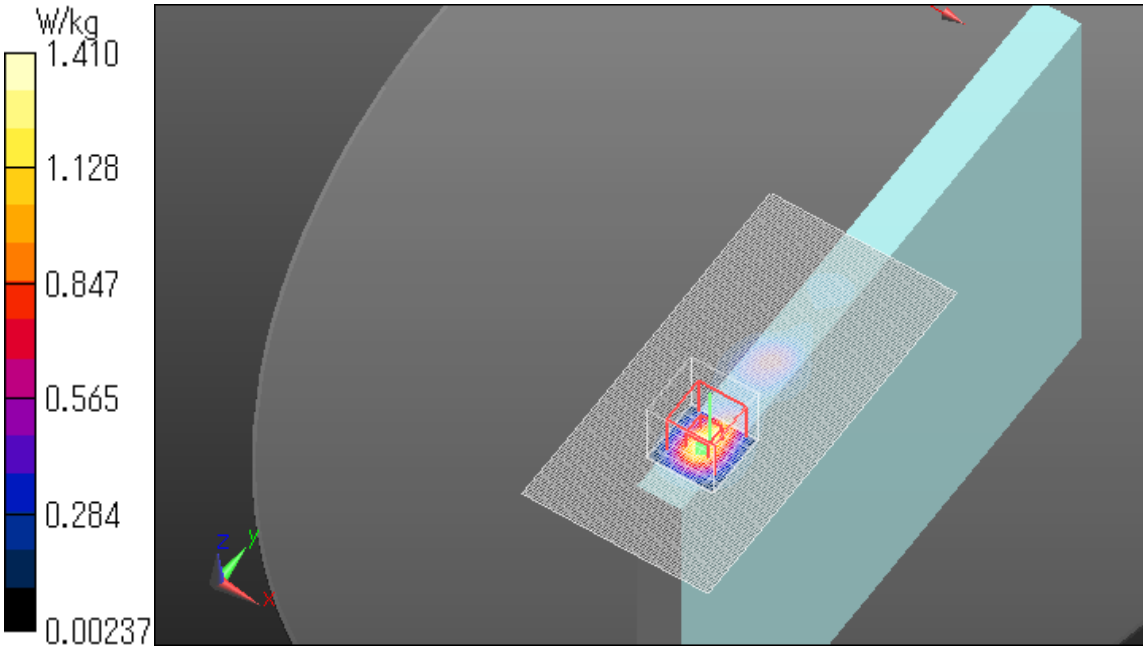


LTE Band41 Edge1 0mm QPSK 2506MHz Allocation50 Start24 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2506 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2506 MHz; σ = 2.098 S/m; ε_r = 51.021; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.04 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.382 W/kg
Maximum value of SAR (measured) = 1.41 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

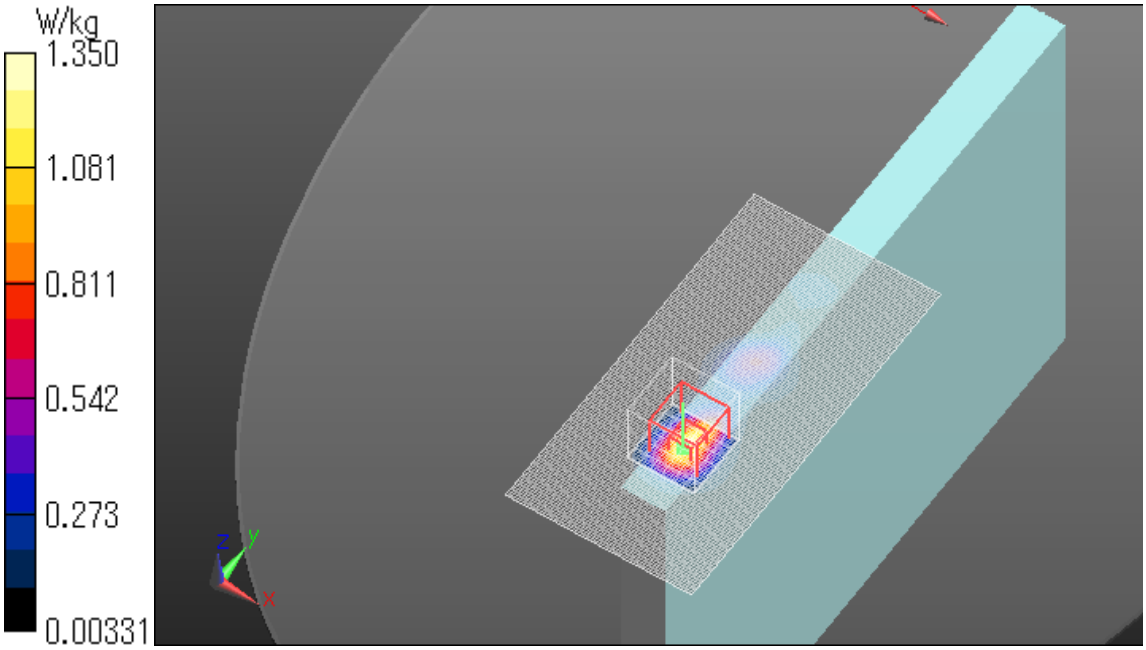


LTE Band41 Edge1 0mm QPSK 2549.5MHz Allocation50 Start24 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2549.5 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2550 MHz; σ = 2.153 S/m; ε_r = 50.87; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 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 = 27.27 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.363 W/kg
Maximum value of SAR (measured) = 1.35 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

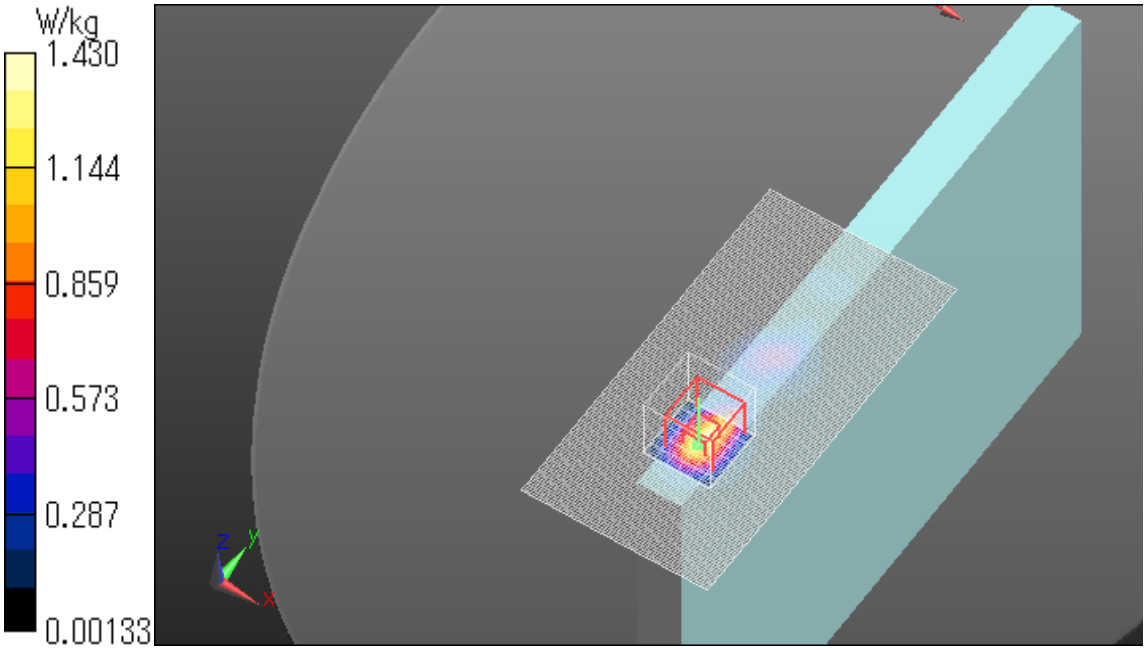


LTE Band41 Edge1 0mm QPSK 2593MHz Allocation50 Start24 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2593 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2593 MHz; σ = 2.215 S/m; ε_r = 50.688; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 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 = 27.79 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.377 W/kg
Maximum value of SAR (measured) = 1.43 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

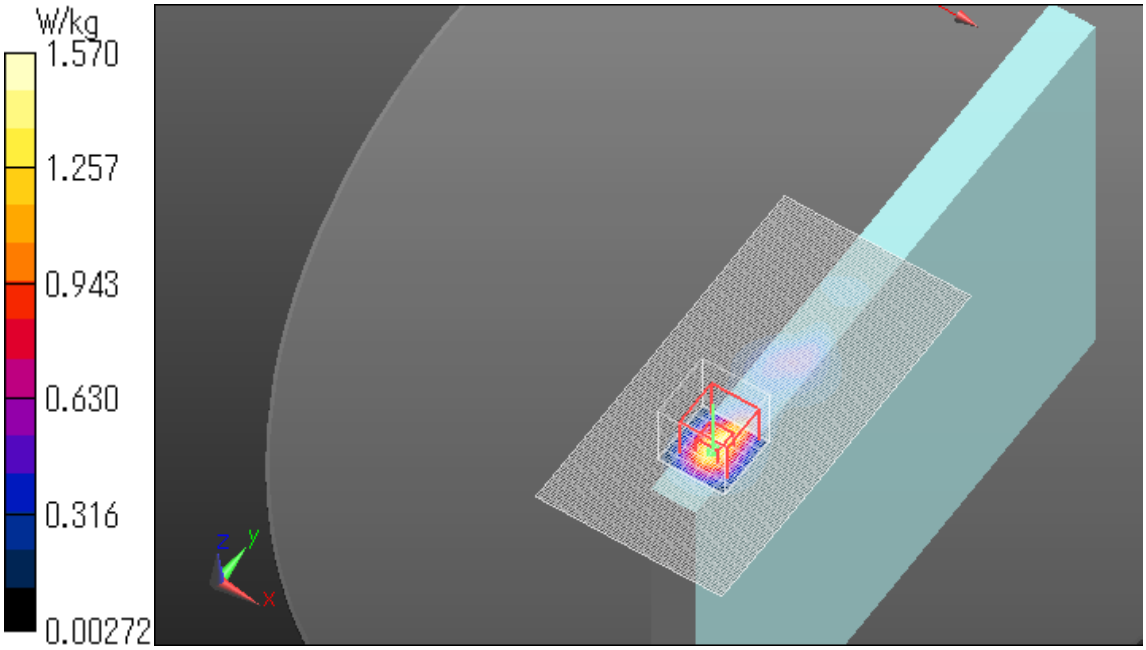


LTE Band41 Edge1 0mm QPSK 2636.5MHz Allocation50 Start49 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.277 S/m; ε_r = 50.529; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.78 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.407 W/kg
Maximum value of SAR (measured) = 1.57 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

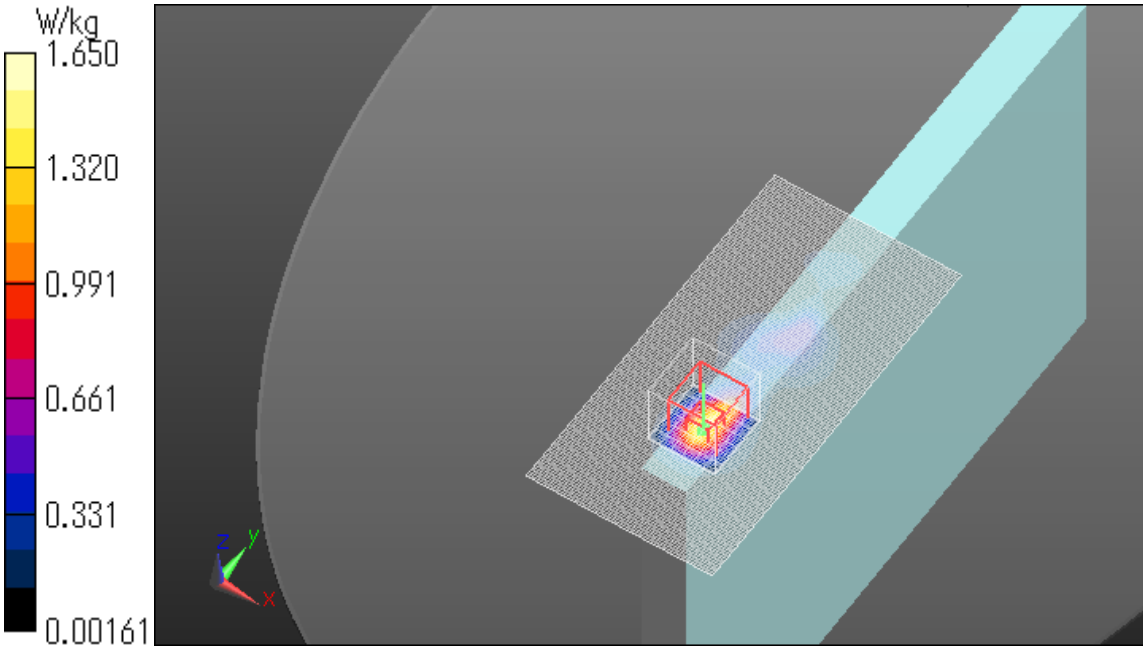


LTE Band41 Edge1 0mm QPSK 2680MHz Allocation50 Start24 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2680 MHz; σ = 2.342 S/m; ε_r = 50.37; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 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 = 29.05 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.420 W/kg
Maximum value of SAR (measured) = 1.65 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

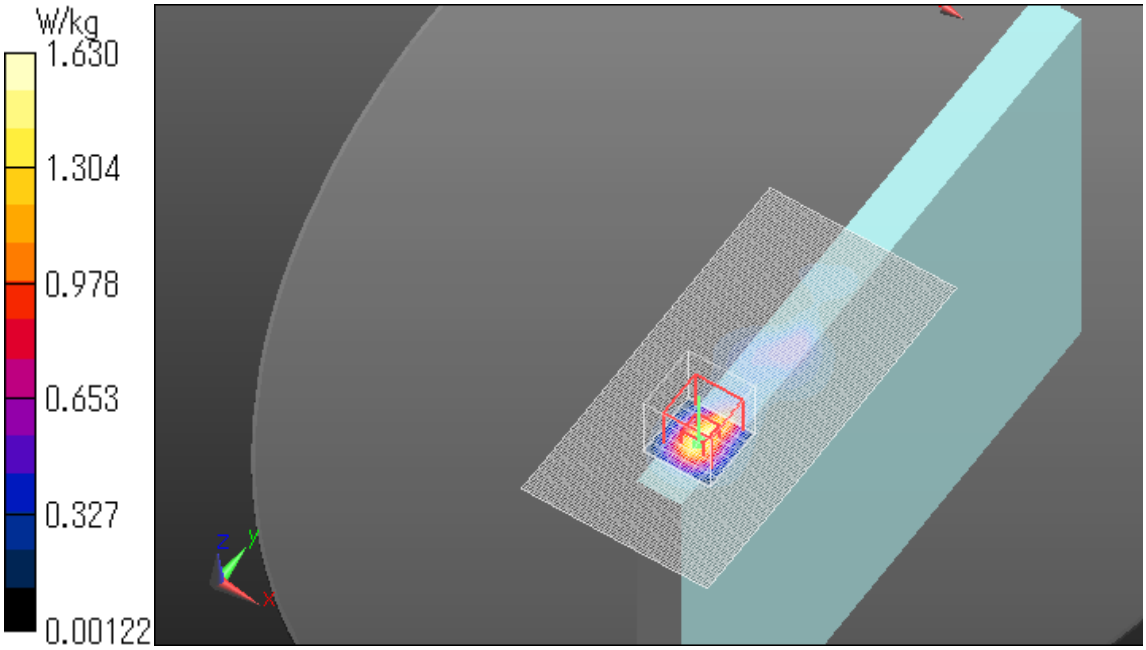


LTE Band41 Edge1 0mm QPSK 2680MHz Allocation100 Start0 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2680 MHz; σ = 2.342 S/m; ε_r = 50.37; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.57 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.09 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 1.63 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

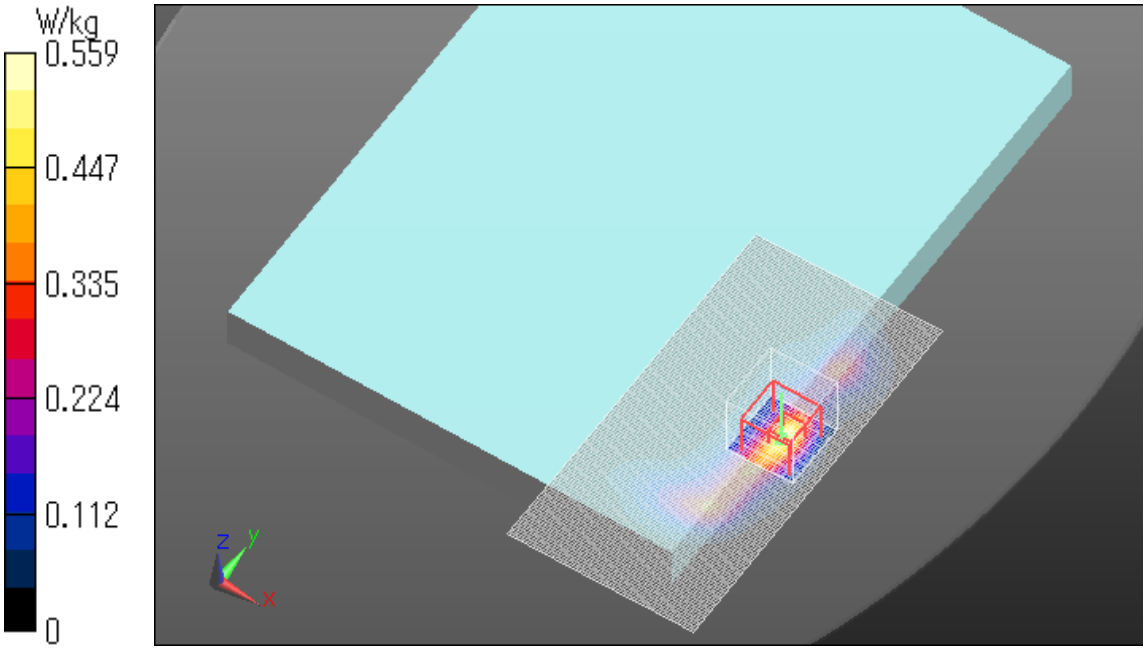


LTE Band41 Rear 0mm QPSK 2680MHz Allocation1 Start49 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2680 MHz; σ = 2.342 S/m; ε_r = 50.37; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.531 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.10 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.559 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

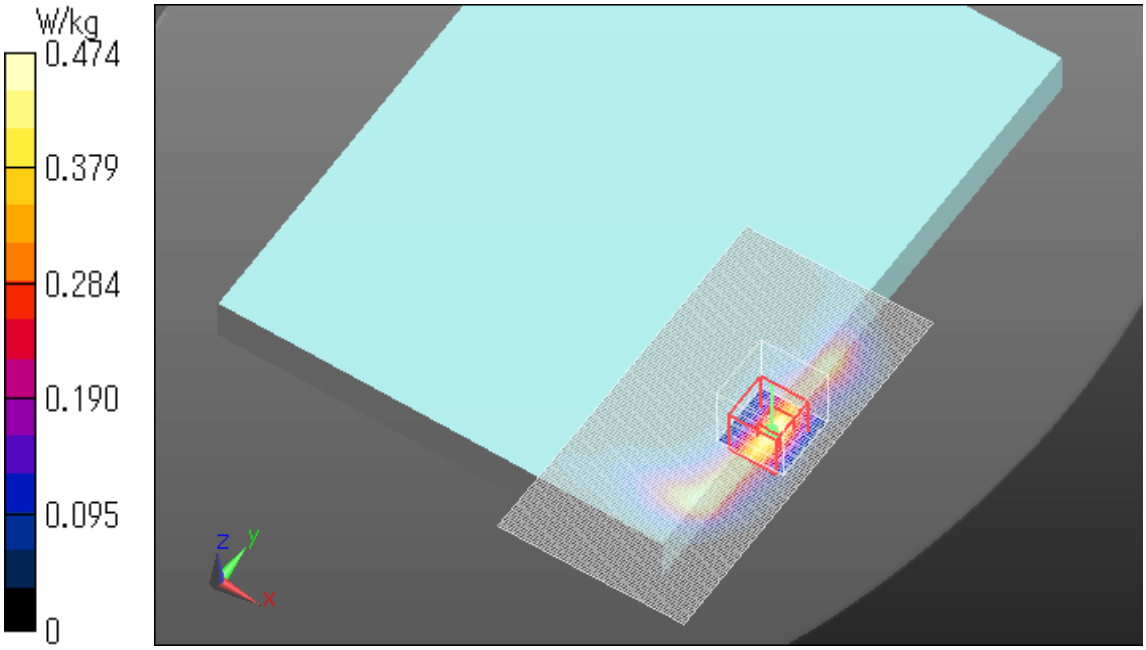


LTE Band41 Rear 0mm QPSK 2636.5MHz Allocation50 Start49 power reduction
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.277 S/m; ε_r = 50.529; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.442 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.92 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.474 W/kg

Date: 2017/10/17
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



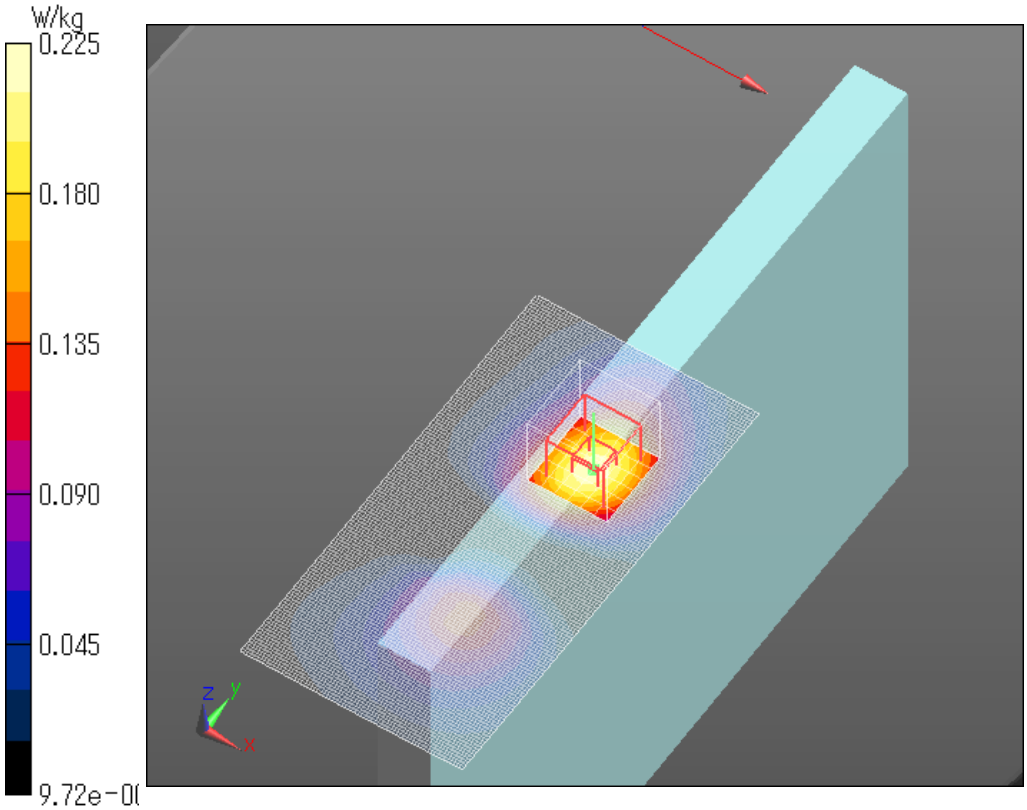
LTE Band41 Edge1 24mm QPSK 2680MHz Allocation1 Start49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2506 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2506 MHz; σ = 2.021 S/m; ε_r = 50.806; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.54 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.091 W/kg

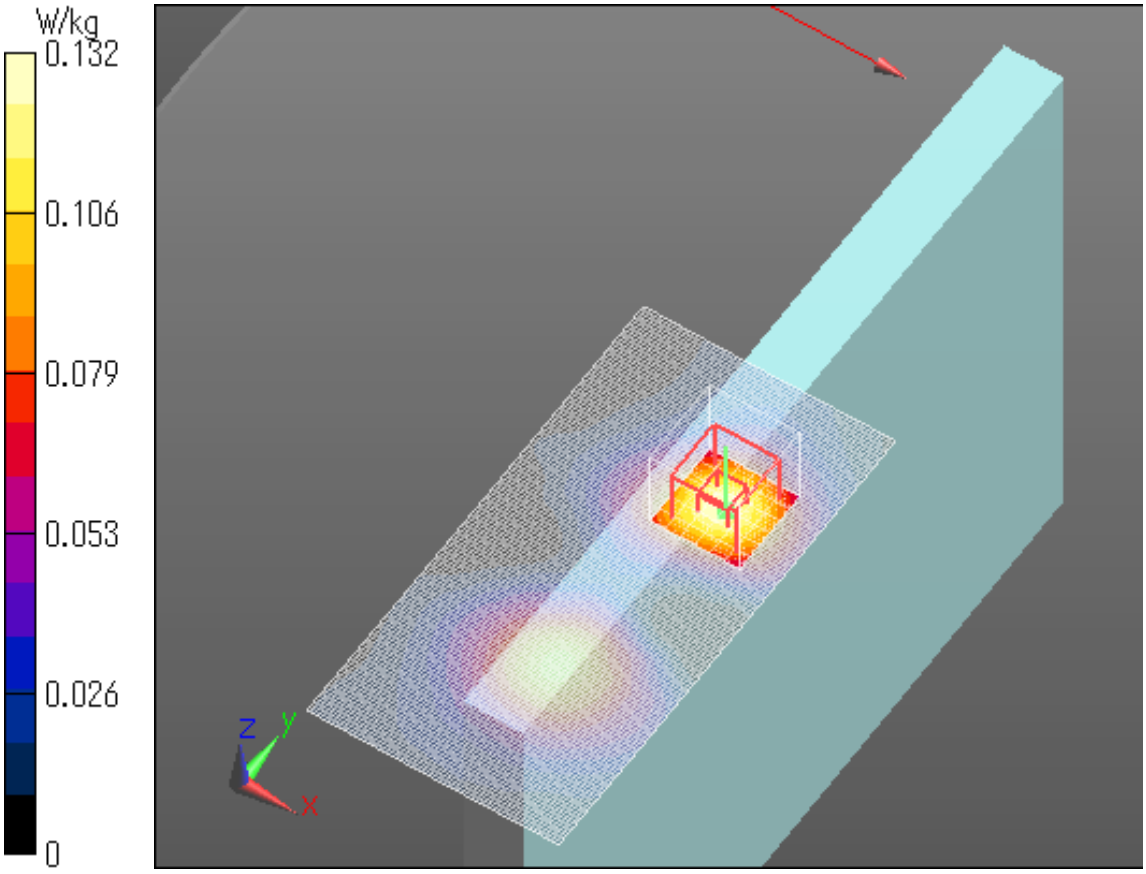
Maximum value of SAR (measured) = 0.225 W/kg
Date: 2017/10/18
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band41 Edge1 24mm QPSK 2680MHz Allocation50 Start24
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.264 S/m; ε_r = 50.079; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.130 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.335 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.049 W/kg
Maximum value of SAR (measured) = 0.132 W/kg
Date: 2017/10/18
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



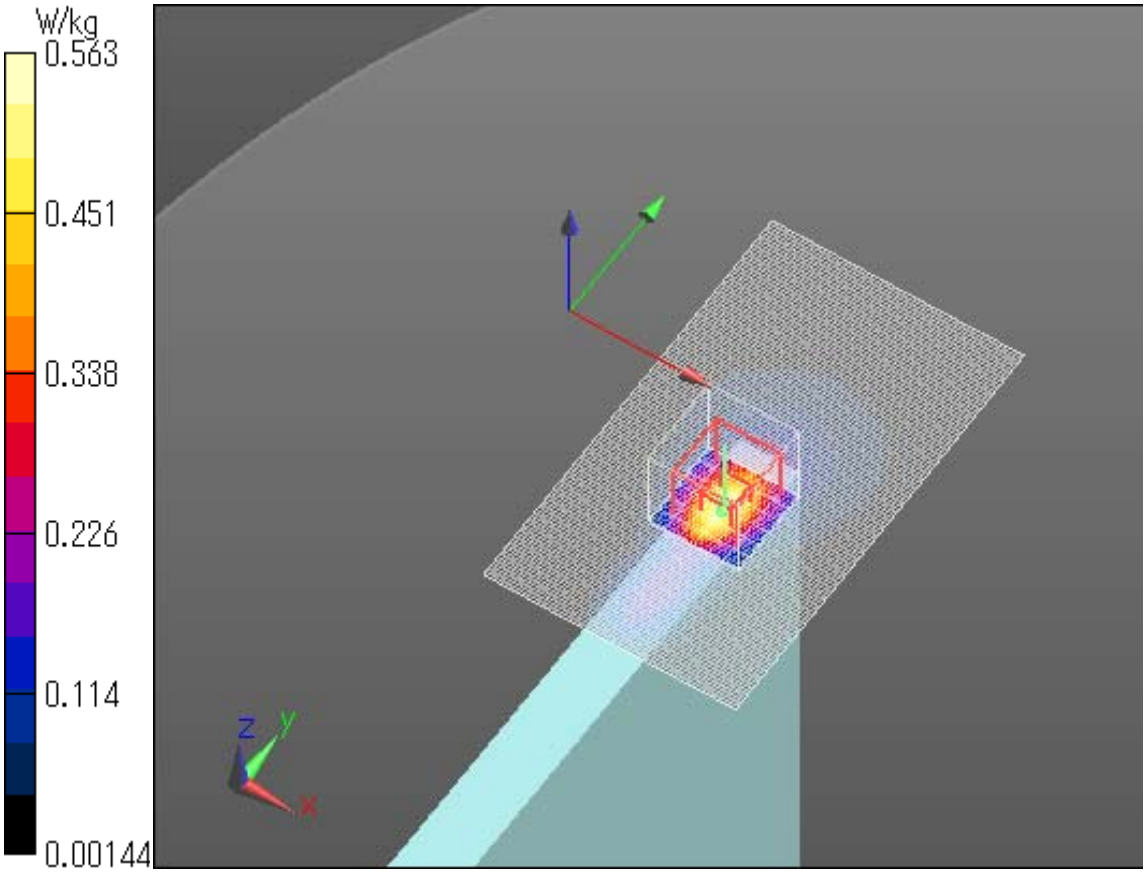
LTE Band41 Edge4 0mm QPSK 2506MHz Allocation1 Start49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2506 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2506 MHz; σ = 2.021 S/m; ε_r = 50.806; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.560 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.18 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.741 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.563 W/kg
Date: 2017/10/18
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

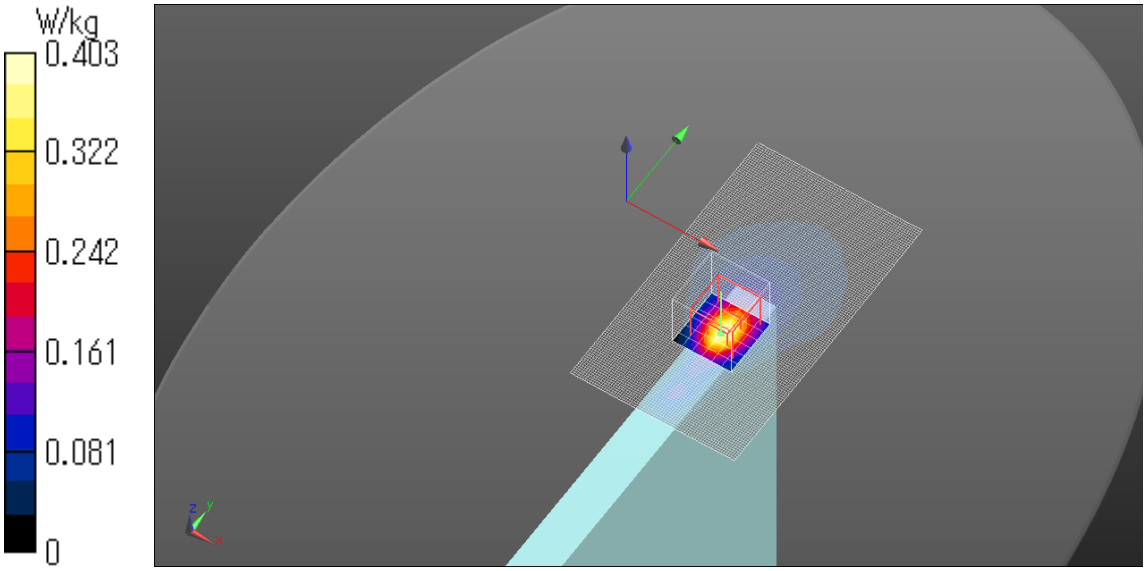


Plot No. 16

LTE Band41 Edge4 0mm QPSK 2680MHz Allocation50 Start24
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2680 MHz; σ = 2.264 S/m; ε_r = 50.079; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.427 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.51 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.569 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.403 W/kg
Date: 2017/10/18
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

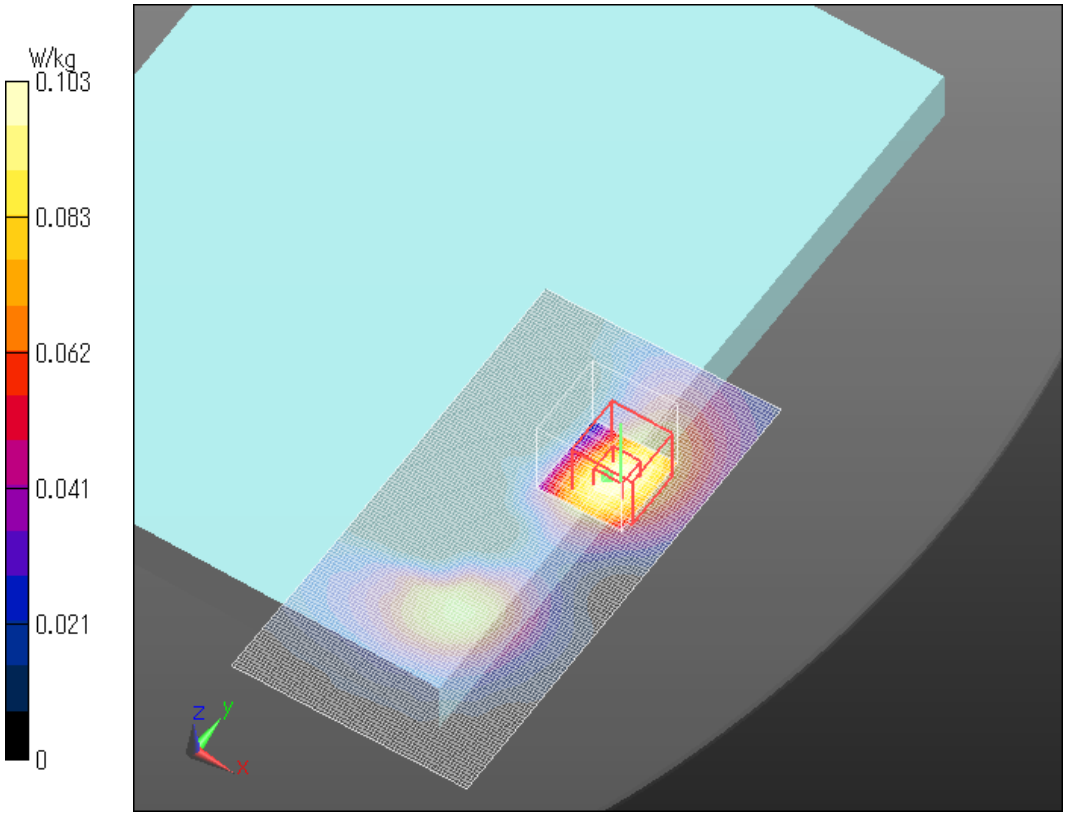


LTE Band41 Rear 0mm QPSK 2506MHz Allocation1 Start49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2506 MHz; Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2506 MHz; σ = 2.021 S/m; ε_r = 50.806; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.103 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.747 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.103 W/kg
Date: 2017/10/18
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band41 Rear 0mm QPSK 2680MHz Allocation50 Start24
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2680 MHz; σ = 2.264 S/m; ε_r = 50.079; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.41, 7.41, 7.41); Calibrated: 2017/05/16;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2017/05/12
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 (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0537 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.285 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0546 W/kg
Date: 2017/10/18
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.