

17.10 SAR test plots for LTE Band25

LTE Band25 QPSK Allocation1 Start49 1860MHz Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 50.97$; $\rho = 1000$ kg/m³

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: 2016/05/12;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2016/05/13

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 (51x111x1): 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: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.97 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.392 W/kg

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

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

Reference Value = 28.97 V/m; Power Drift = -0.18 dB

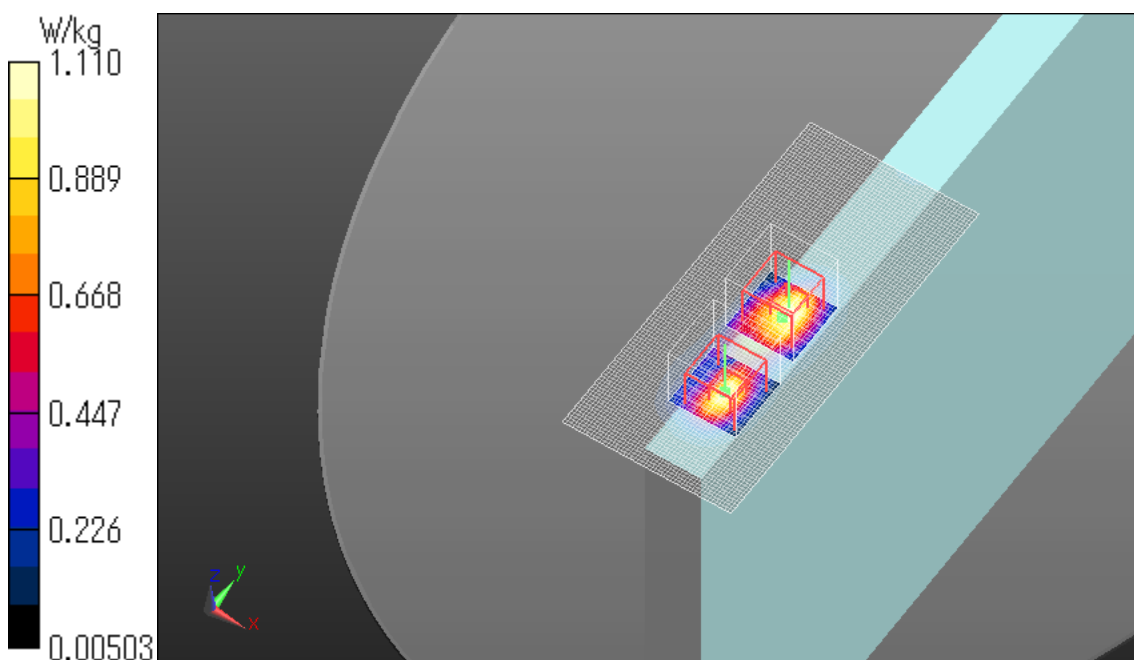
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 1.11 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
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: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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)

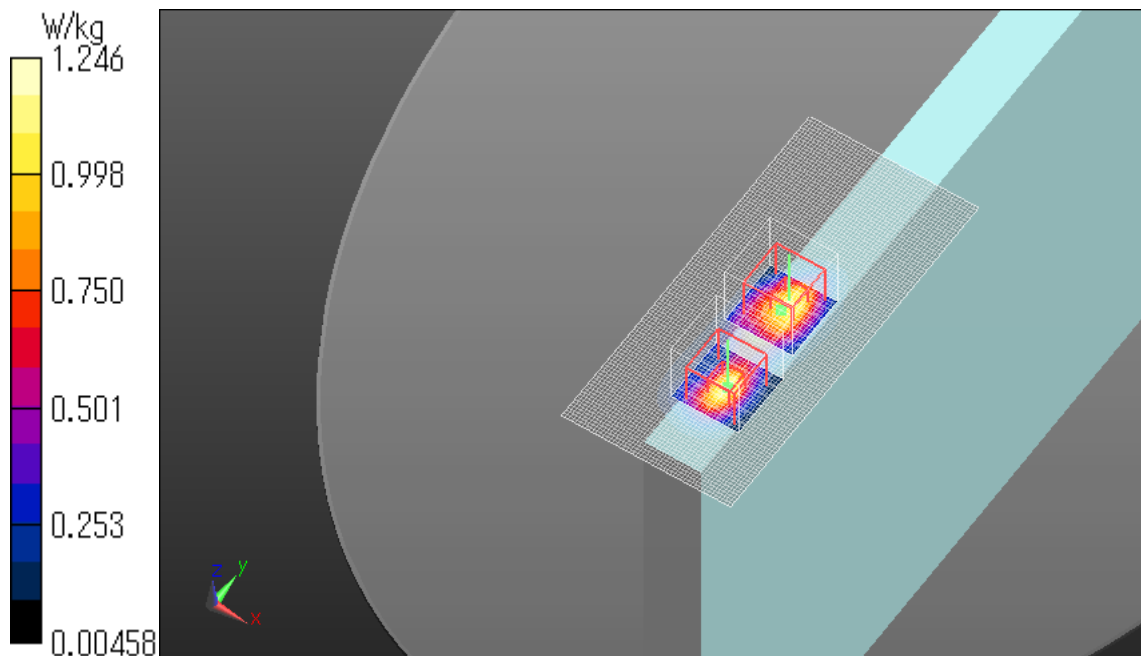
Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.84 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.397 W/kg
Maximum value of SAR (measured) = 1.13 W/kg

Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.84 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.342 W/kg
Maximum value of SAR (measured) = 1.25 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1905MHz Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.561$ S/m; $\epsilon_r = 50.817$; $\rho = 1000$ kg/m³

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: 2016/05/12;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2016/05/13

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 (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 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 = 28.18 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.385 W/kg

Maximum value of SAR (measured) = 1.12 W/kg

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

Reference Value = 28.18 V/m; Power Drift = -0.07 dB

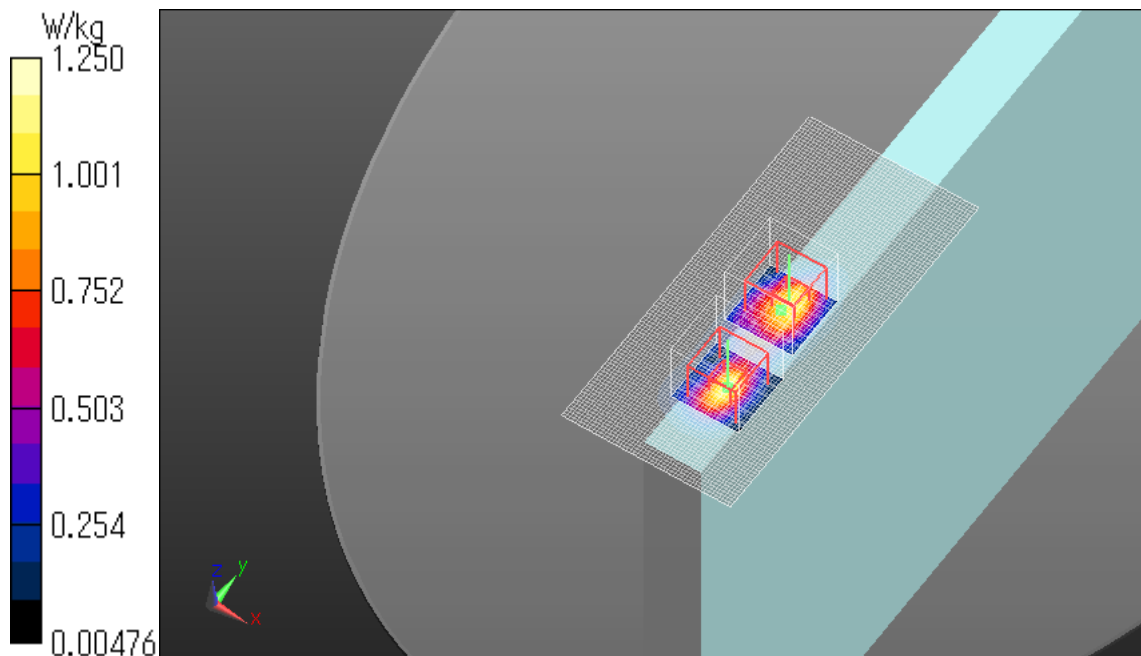
Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.344 W/kg

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

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1860MHz Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 50.97$; $\rho = 1000$ kg/m³

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: 2016/05/12;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2016/05/13

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 (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 29.04 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 1.13 W/kg

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

Reference Value = 29.04 V/m; Power Drift = -0.11 dB

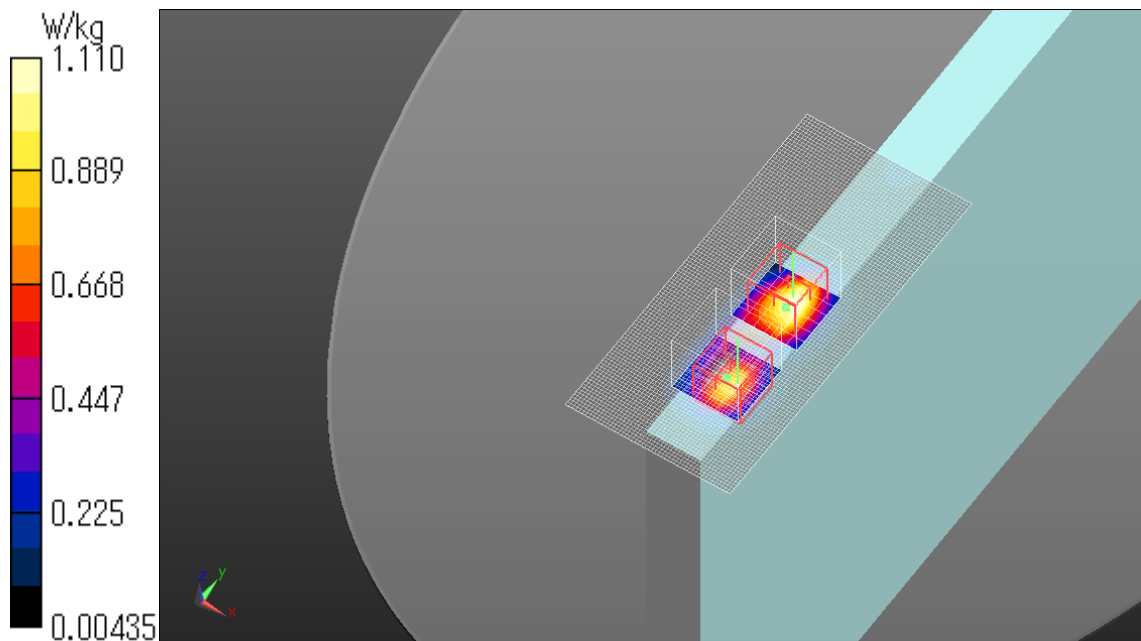
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 1.11 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
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: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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)

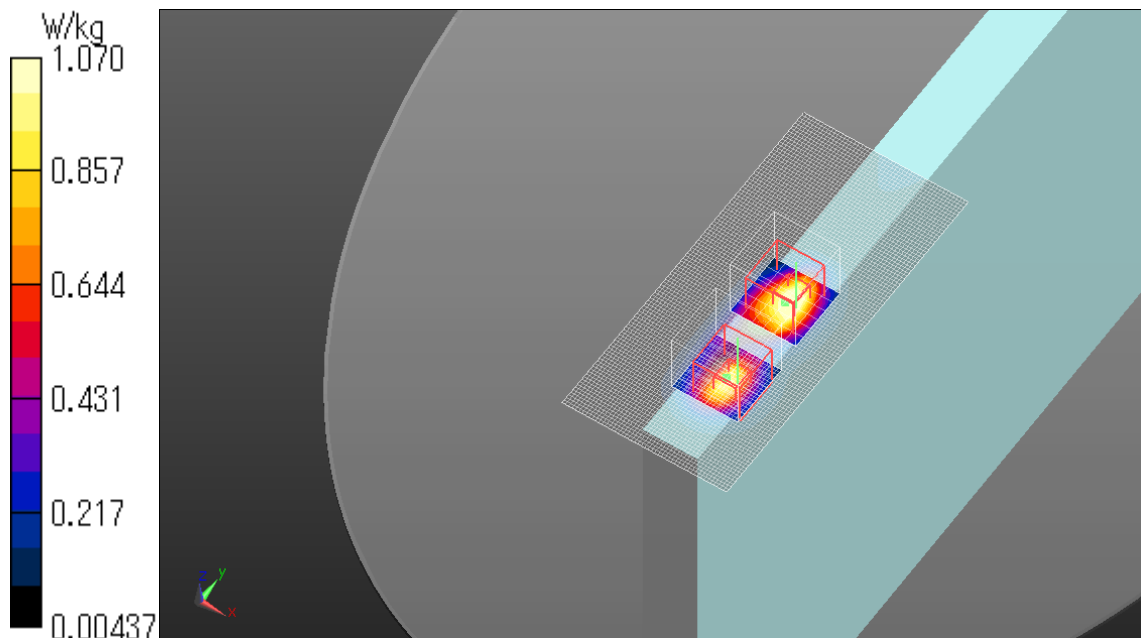
Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.35 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 1.14 W/kg

Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.35 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.329 W/kg
Maximum value of SAR (measured) = 1.07 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start49 1905MHz Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.561$ S/m; $\epsilon_r = 50.817$; $\rho = 1000$ kg/m³

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: 2016/05/12;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2016/05/13

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 (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

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

Reference Value = 28.57 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.381 W/kg

Maximum value of SAR (measured) = 1.10 W/kg

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

Reference Value = 28.57 V/m; Power Drift = -0.14 dB

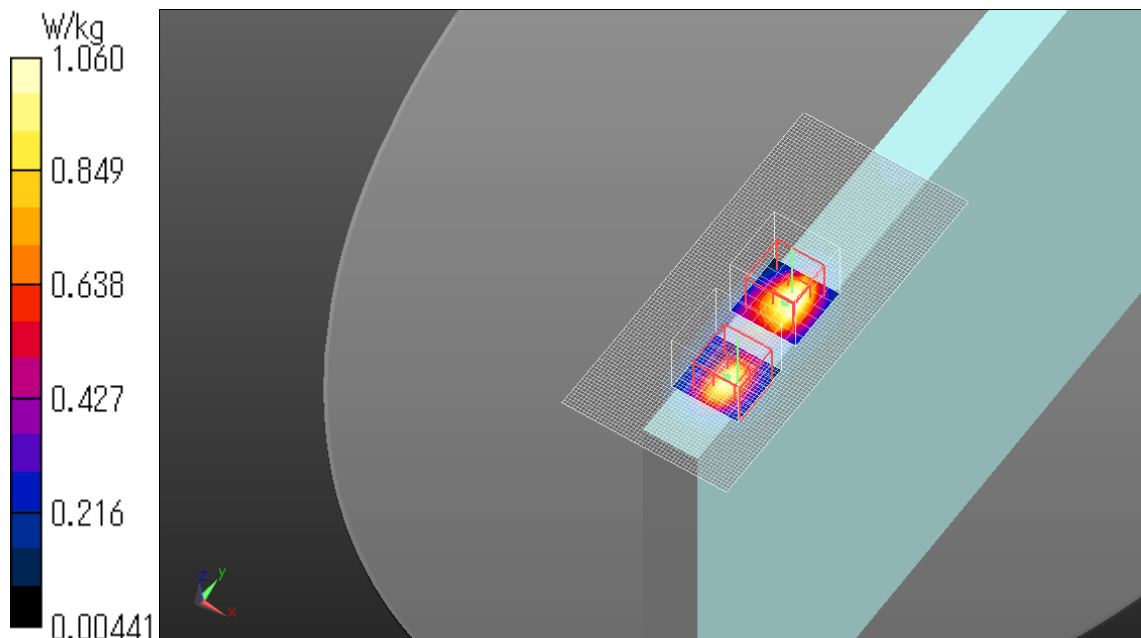
Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 1.06 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation100 Start 1882.5MHz Edge1 0mm Power Reduction

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
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: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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)

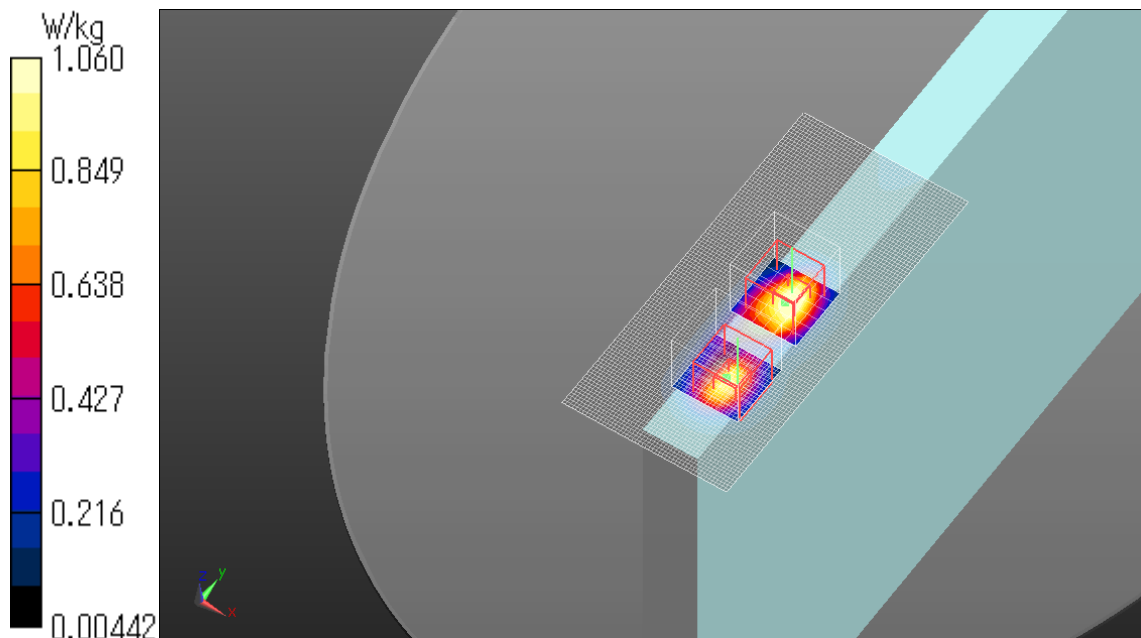
Area Scan (51x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 29.19 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.399 W/kg
Maximum value of SAR (measured) = 1.12 W/kg

Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 29.19 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.324 W/kg
Maximum value of SAR (measured) = 1.06 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Rear 0mm Power Reduction

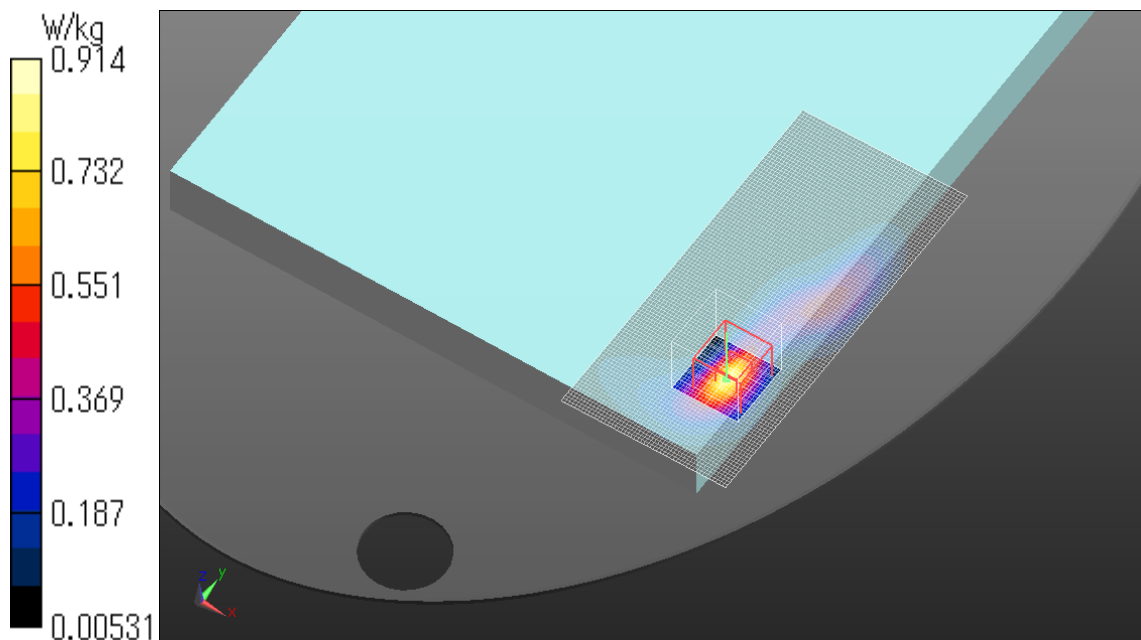
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (51x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.854 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 26.44 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.277 W/kg
Maximum value of SAR (measured) = 0.914 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Rear 0mm Power Reduction

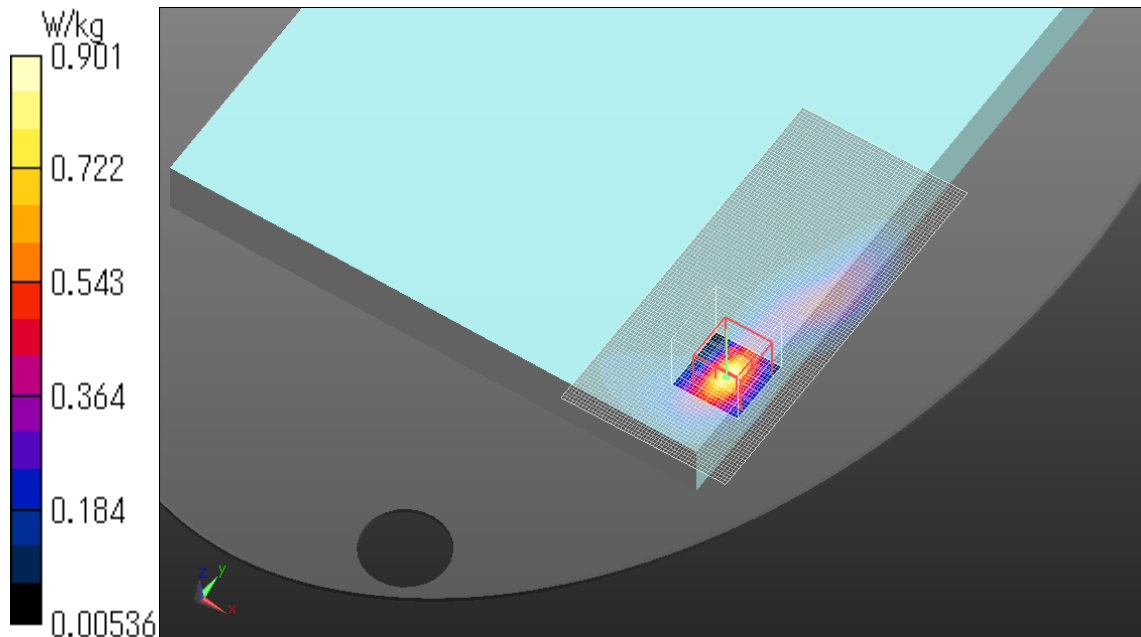
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.864 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.57 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.276 W/kg
Maximum value of SAR (measured) = 0.901 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Edge1 39mm

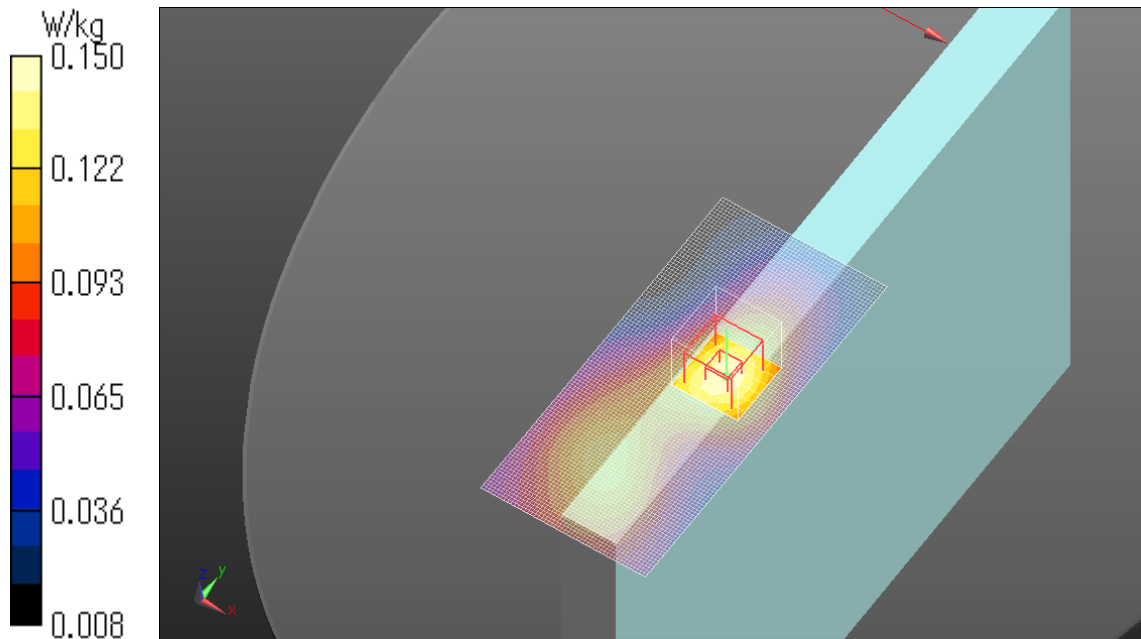
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (51x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.148 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 10.63 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.150 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Edge1 39mm

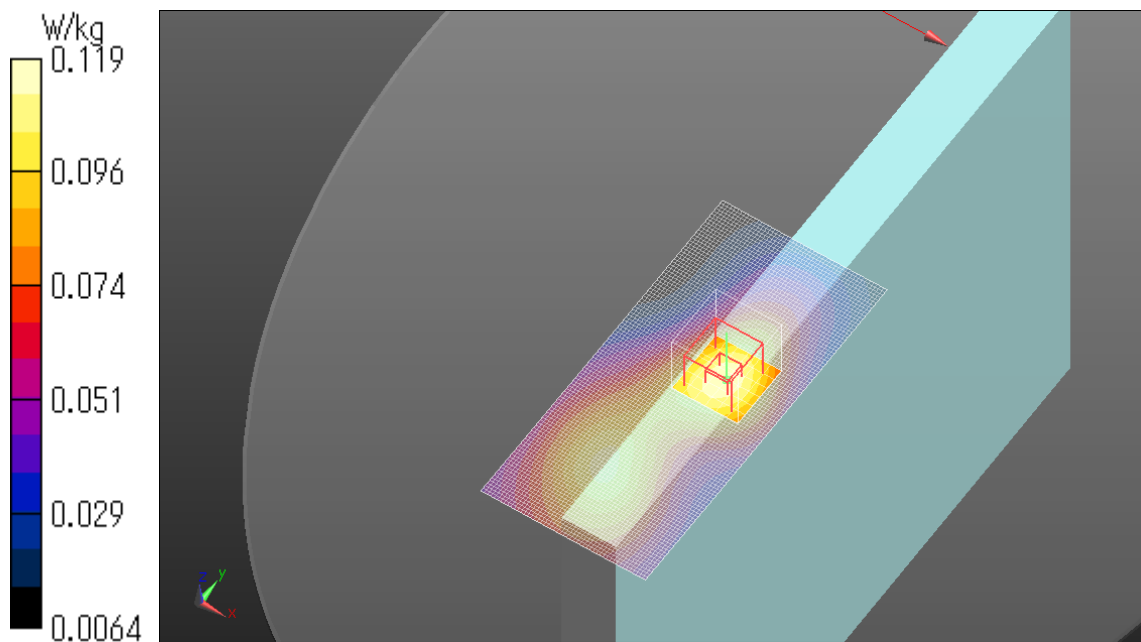
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.118 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.432 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.119 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Edge2 0mm

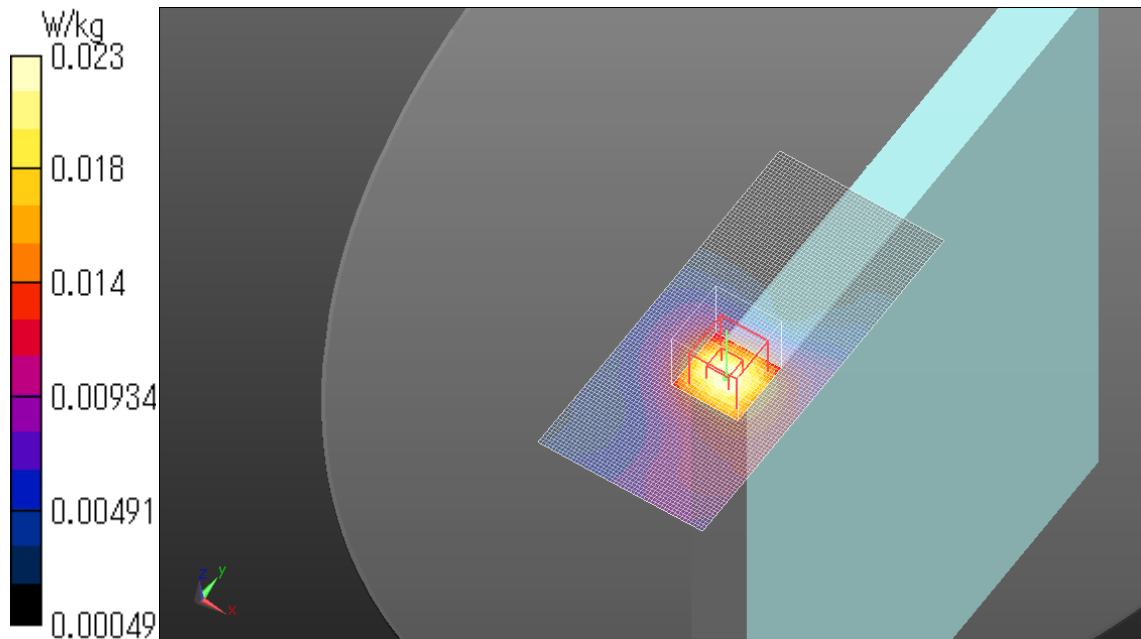
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (51x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.0229 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 4.264 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0290 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0226 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Edge2 0mm

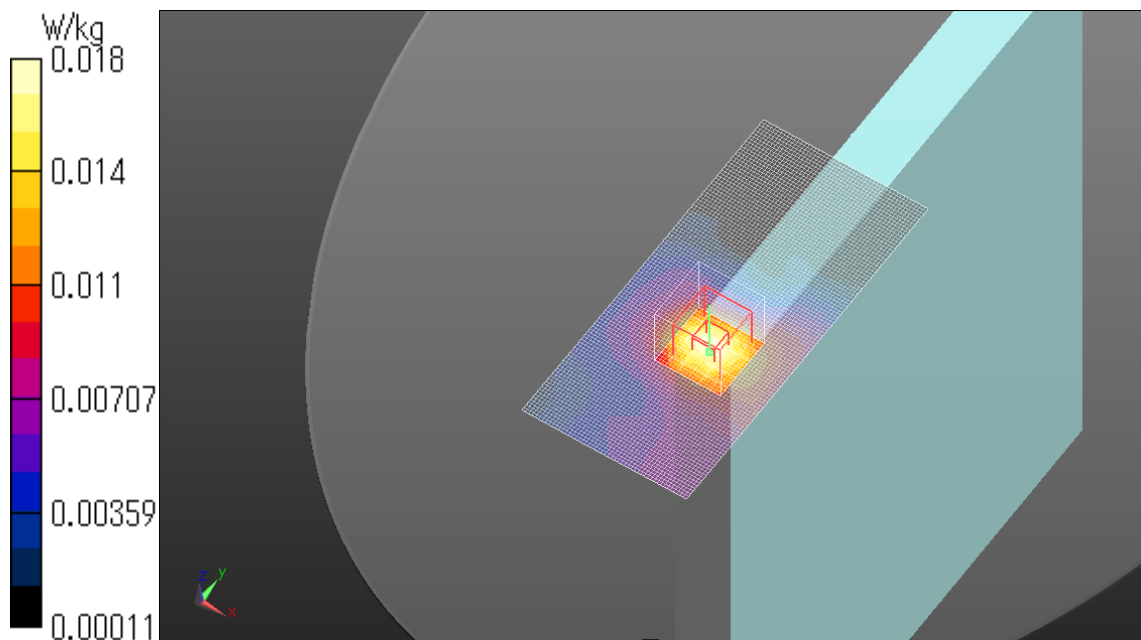
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (51x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.0177 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 3.726 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.0220 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.0079 W/kg
Maximum value of SAR (measured) = 0.0175 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Edge2 tilt 0mm

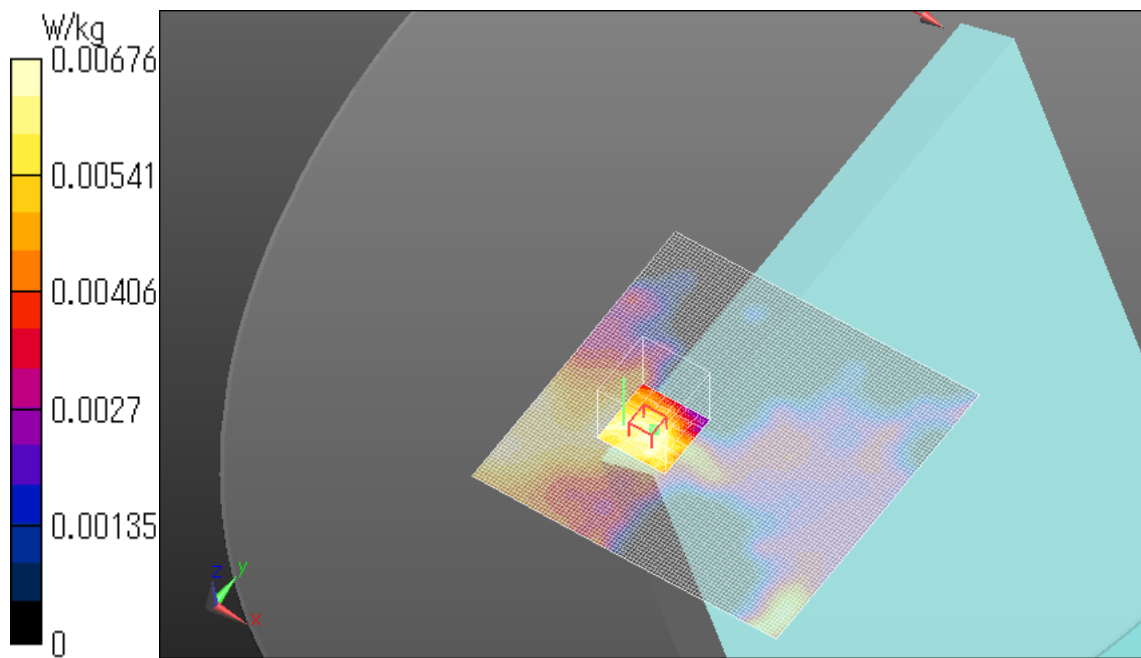
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.028$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (91x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.00796 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.265 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.00937 W/kg
SAR(1 g) = 0.00476 W/kg
Maximum value of SAR (measured) = 0.00676 W/kg

Date: 2017/02/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Edge2 tilt 0mm

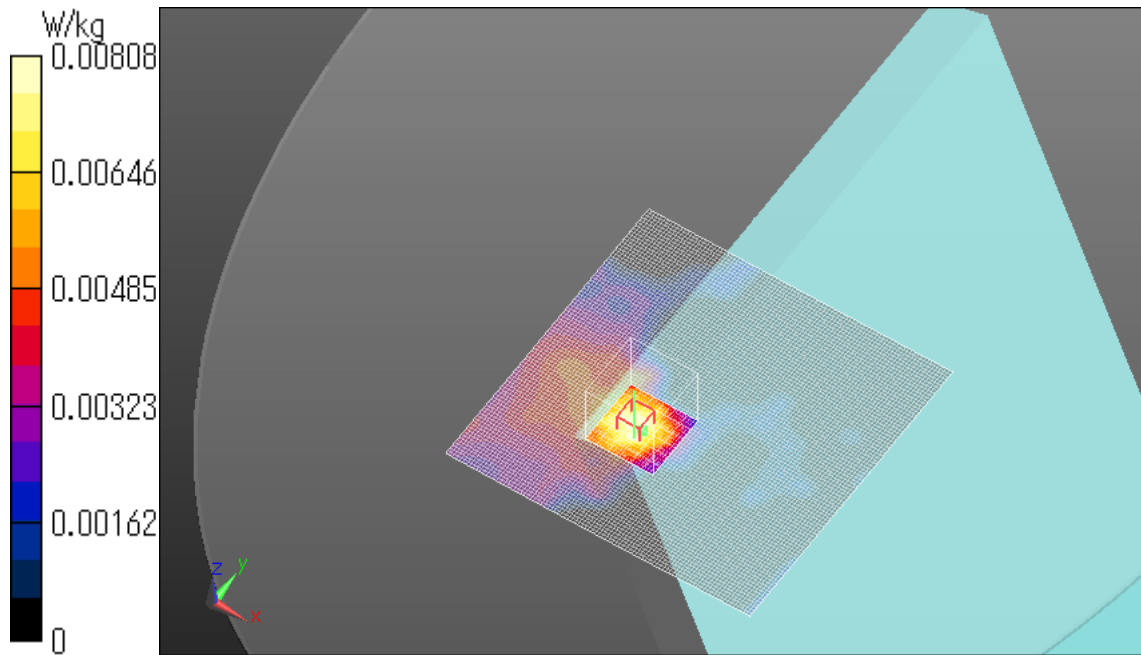
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.028$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (91x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.00882 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.588 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.00547 W/kg
Maximum value of SAR (measured) = 0.00808 W/kg

Date: 2017/02/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Edge3 0mm

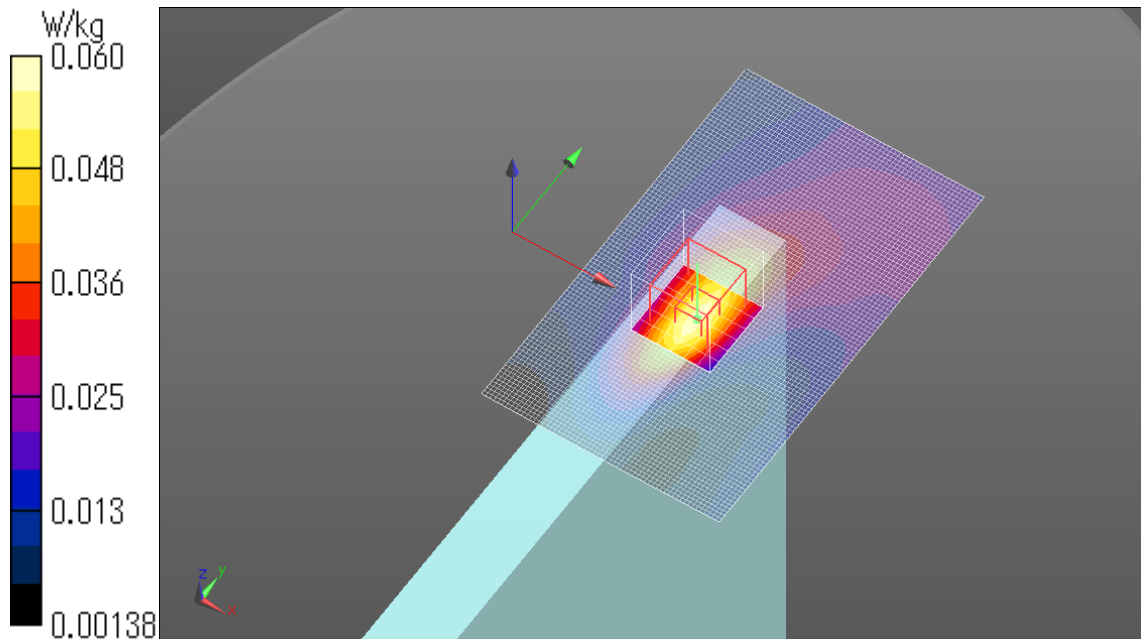
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0599 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.642 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.0720 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0595 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Edge3 0mm

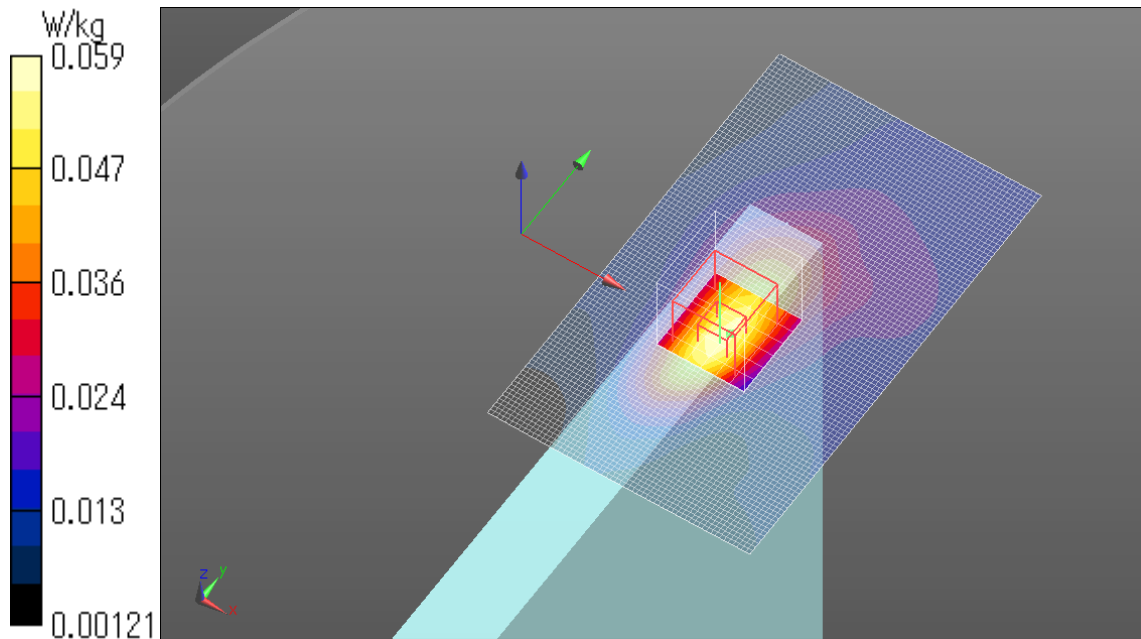
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0568 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.684 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0720 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0590 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start0 1860MHz Edge4 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 50.97$; $\rho = 1000$ kg/m³

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: 2016/05/12;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2016/05/13

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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.803 W/kg

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

Reference Value = 24.98 V/m; Power Drift = 0.05 dB

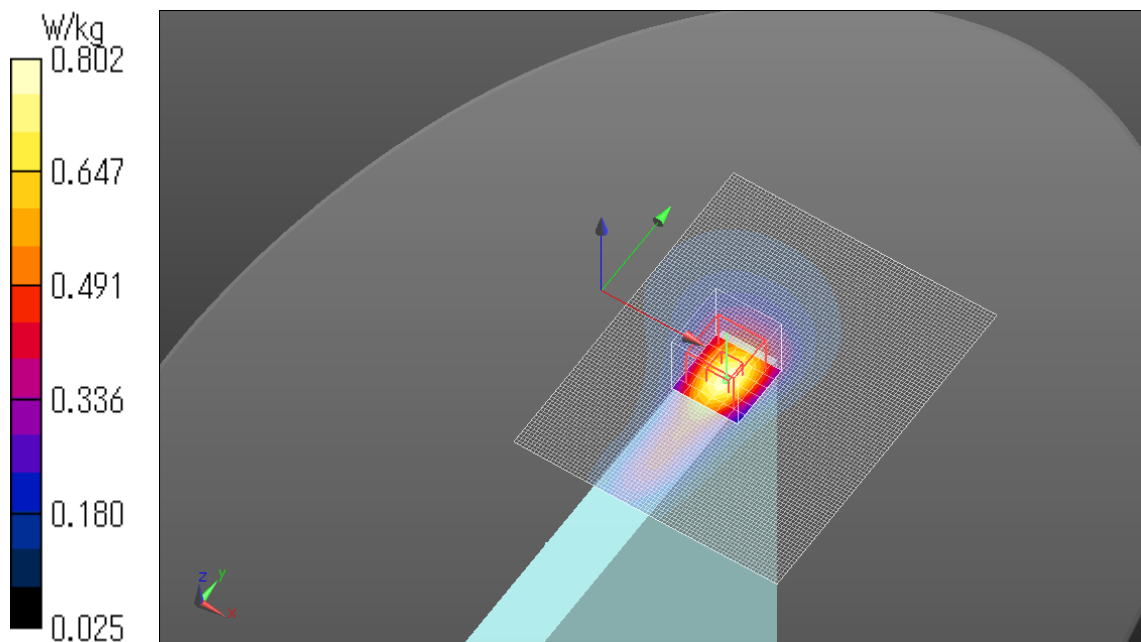
Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.802 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Edge4 0mm

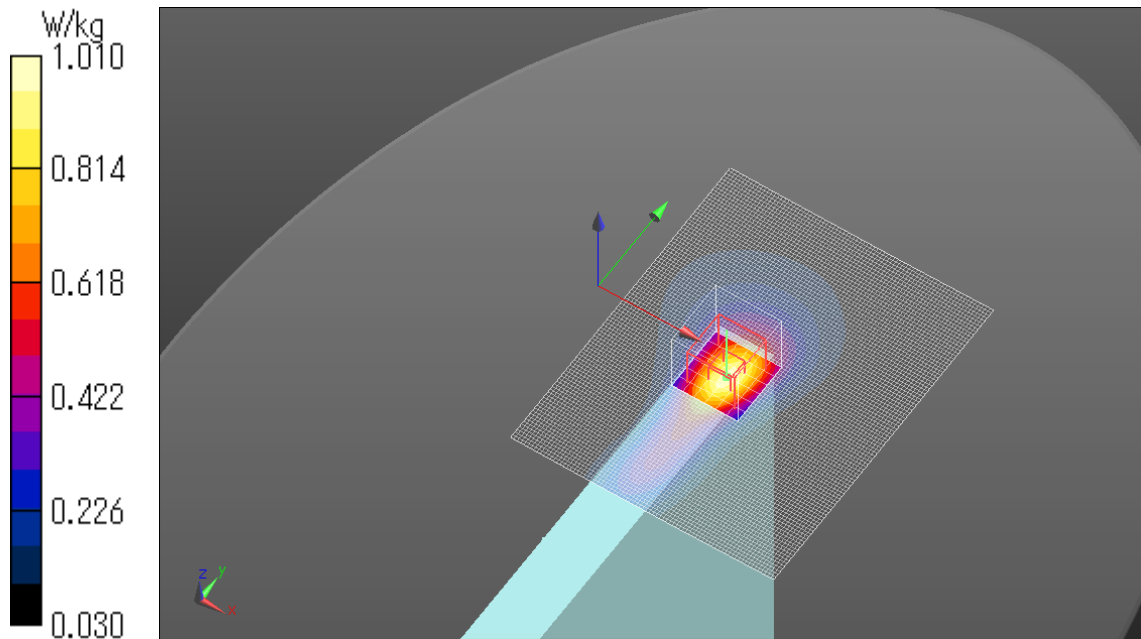
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (81x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 27.60 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.424 W/kg
Maximum value of SAR (measured) = 1.01 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1905MHz Edge4 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.561$ S/m; $\epsilon_r = 50.817$; $\rho = 1000$ kg/m³

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: 2016/05/12;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2016/05/13

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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.963 W/kg

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

Reference Value = 26.61 V/m; Power Drift = 0.03 dB

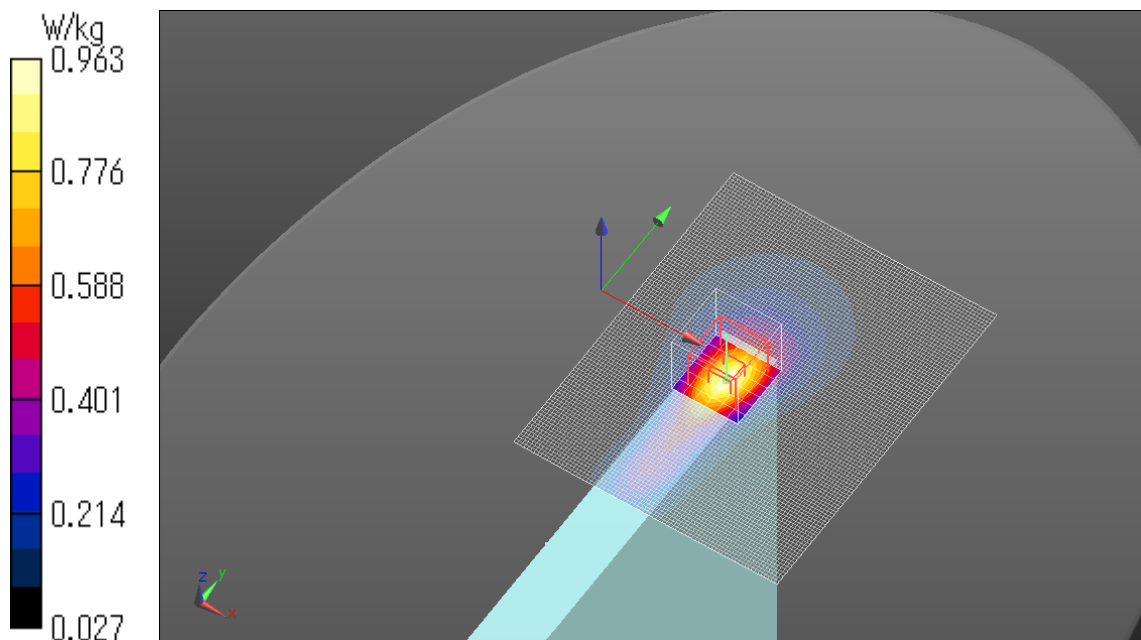
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.394 W/kg

Maximum value of SAR (measured) = 0.963 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Edge4 0mm

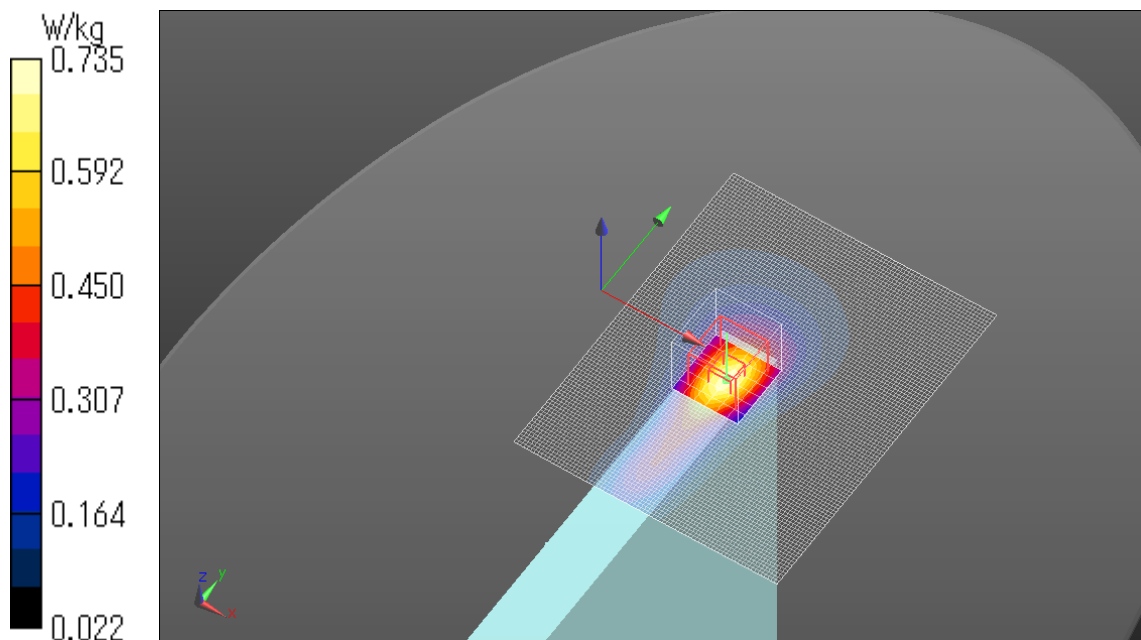
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (81x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.738 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 23.68 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.899 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.308 W/kg
Maximum value of SAR (measured) = 0.735 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation100 Start0 1882.5MHz Edge4 0mm

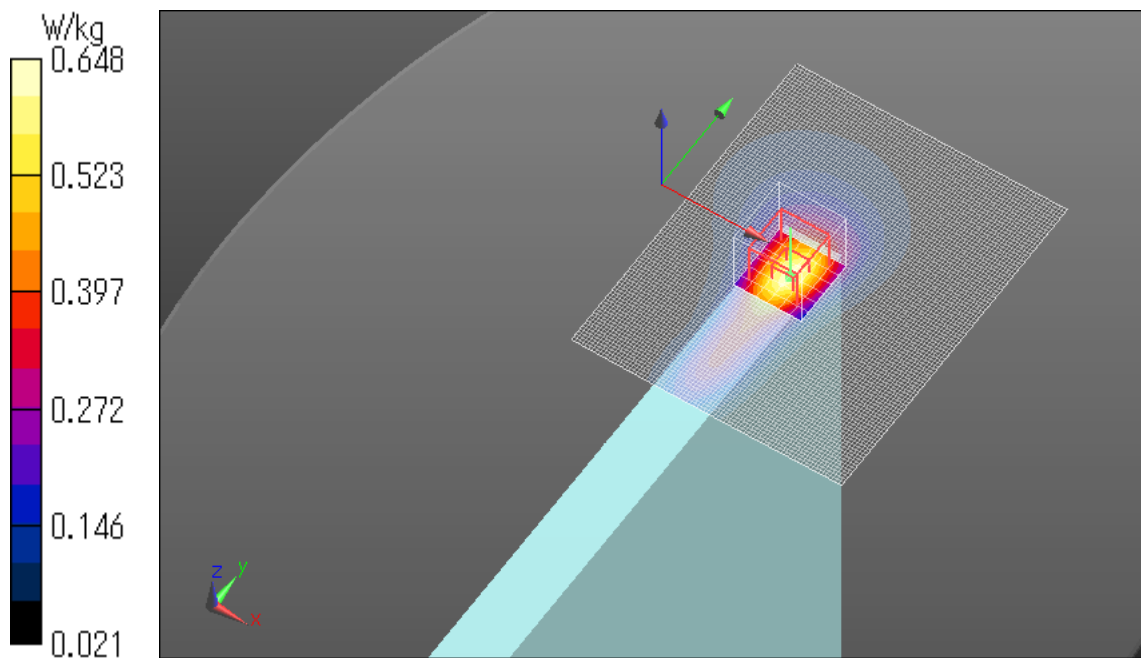
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (81x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.659 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 22.50 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.282 W/kg
Maximum value of SAR (measured) = 0.666 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start0 1860MHz Edge4 tilt 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 51.114$; $\rho = 1000$ kg/m³

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: 2016/05/12;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2016/05/13

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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.835 W/kg

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

Reference Value = 26.10 V/m; Power Drift = -0.08 dB

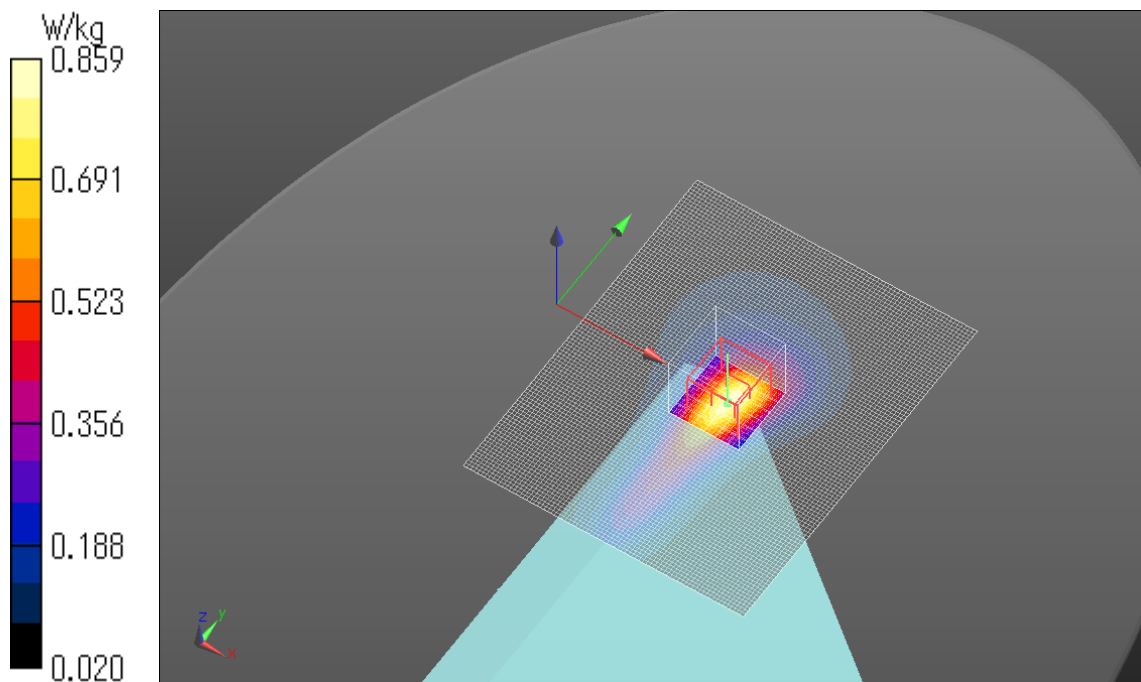
Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (measured) = 0.859 W/kg

Date: 2017/02/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Edge4 tilt 0mm

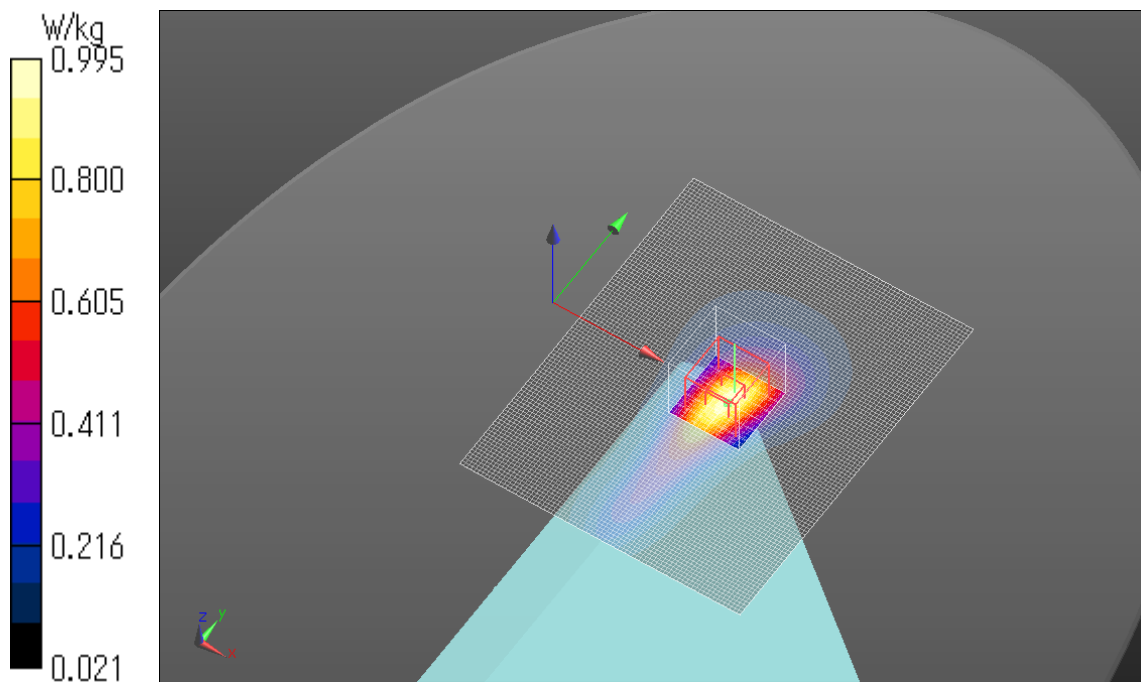
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.028$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1203
Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (81x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.966 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 27.55 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 0.995 W/kg

Date: 2017/02/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1905MHz Edge4 tilt 0mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.582$ S/m; $\epsilon_r = 50.97$; $\rho = 1000$ kg/m³

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: 2016/05/12;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2016/05/13

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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

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

Reference Value = 28.00 V/m; Power Drift = -0.03 dB

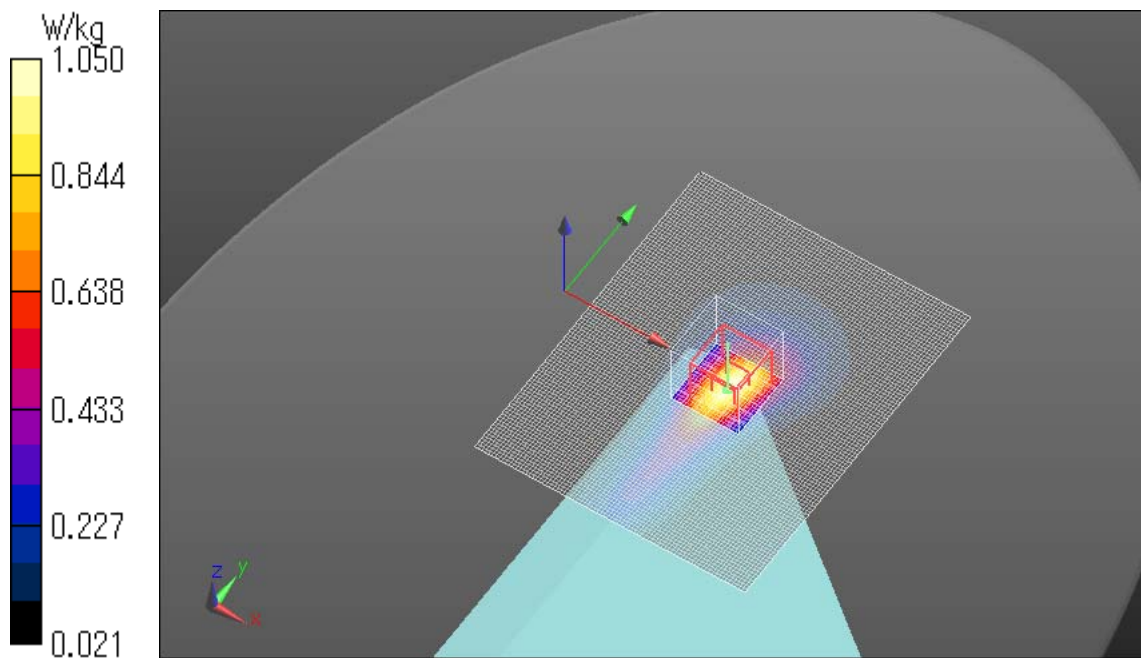
Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 1.05 W/kg

Date: 2017/02/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Edge4 tilt 0mm

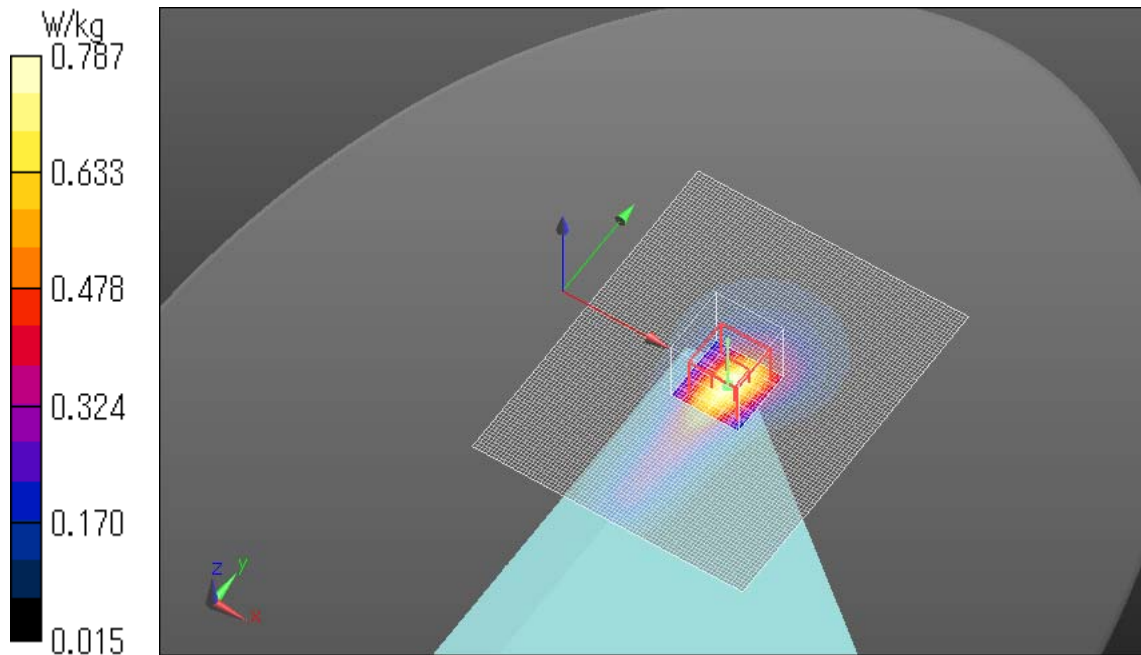
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.028$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.773 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.67 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.787 W/kg

Date: 2017/02/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation100 Start0 1882.5MHz Edge4 tilt 0mm

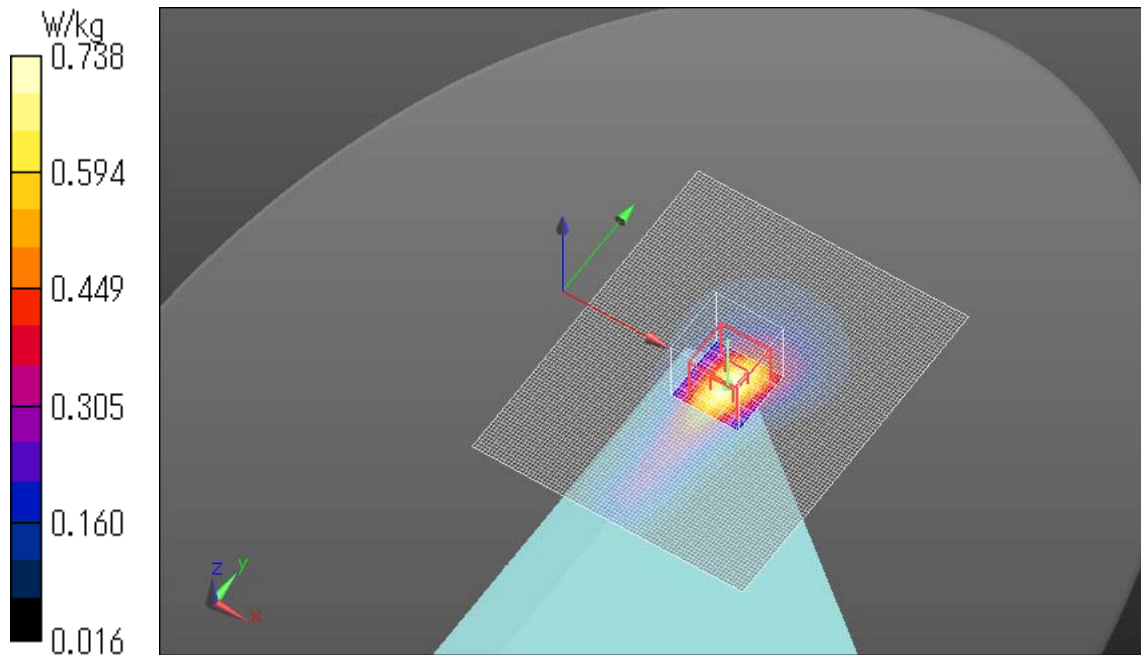
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.028$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.719 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.83 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.738 W/kg

Date: 2017/02/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation1 Start49 1882.5MHz Rear 21mm

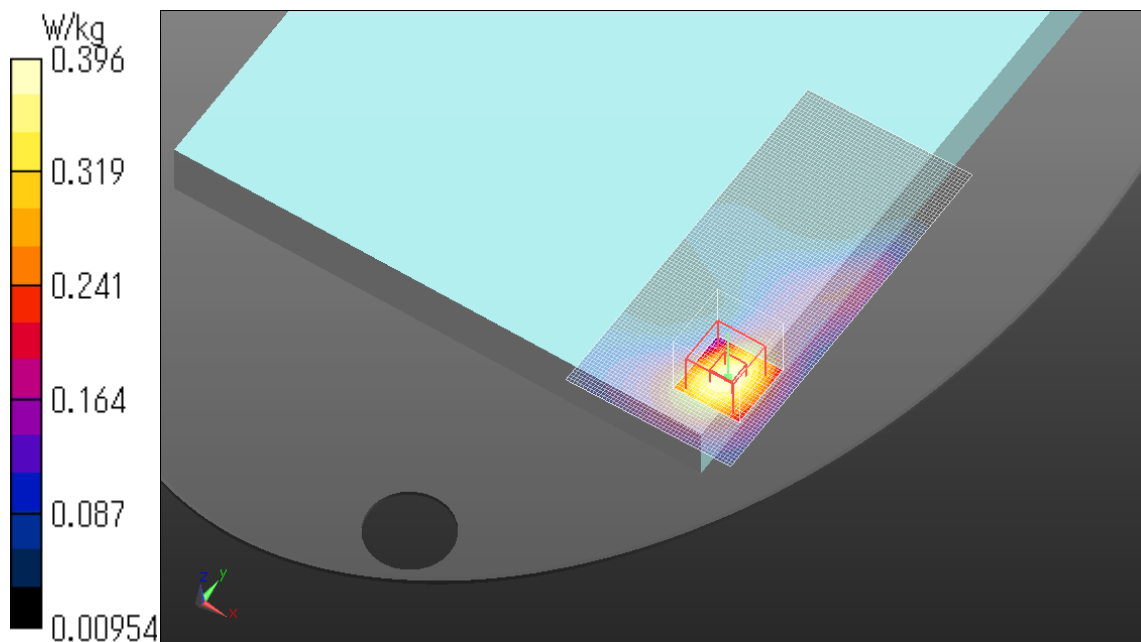
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.68, 7.68, 7.68); Calibrated: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (51x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.401 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 17.30 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.396 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band25 QPSK Allocation50 Start24 1882.5MHz Rear 21mm

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25,
E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 50.879$; $\rho = 1000$ kg/m³
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: 2016/05/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2016/05/13
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 (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.321 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.44 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.317 W/kg

Date: 2017/01/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

