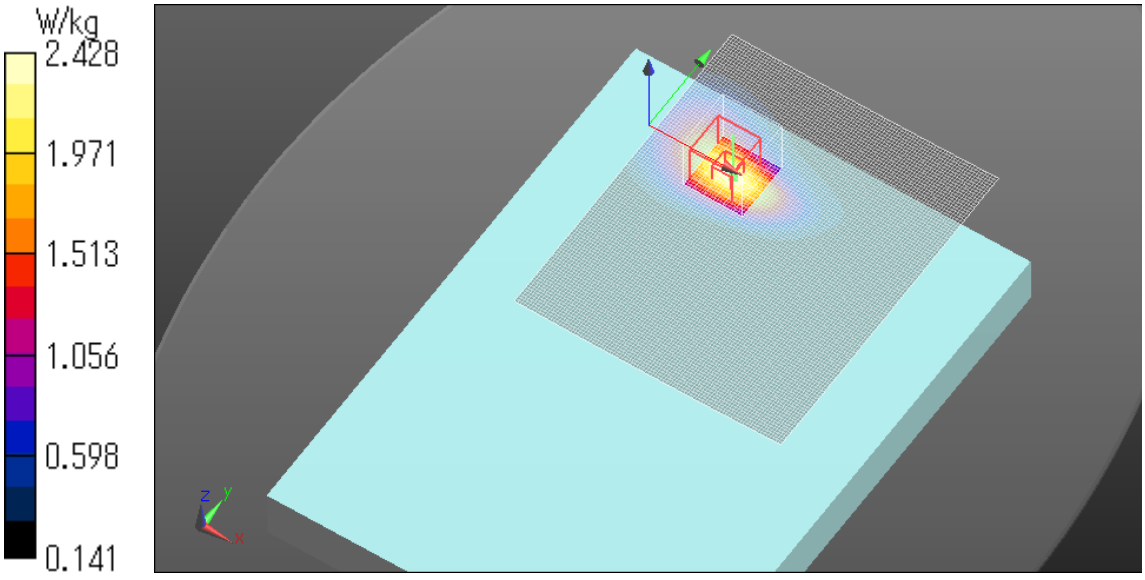
16.2 SAR test plots

UHF-RFID Rear2 914.75MHz
Communication System: UID 0, UHF-RFID (0); Communication System Band: UHF; Frequency: 914.75 MHz; Duty Cycle: 1:1
Medium parameters used: f = 915 MHz; σ = 1.045 S/m; ε_r = 54.672; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

UHF-RFID/Rear2/Area Scan (91x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.69 W/kg

UHF-RFID/Rear2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.01 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.83 W/kg
SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.1 W/kg
Maximum value of SAR (measured) = 2.43 W/kg

Date: 2018/09/12
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



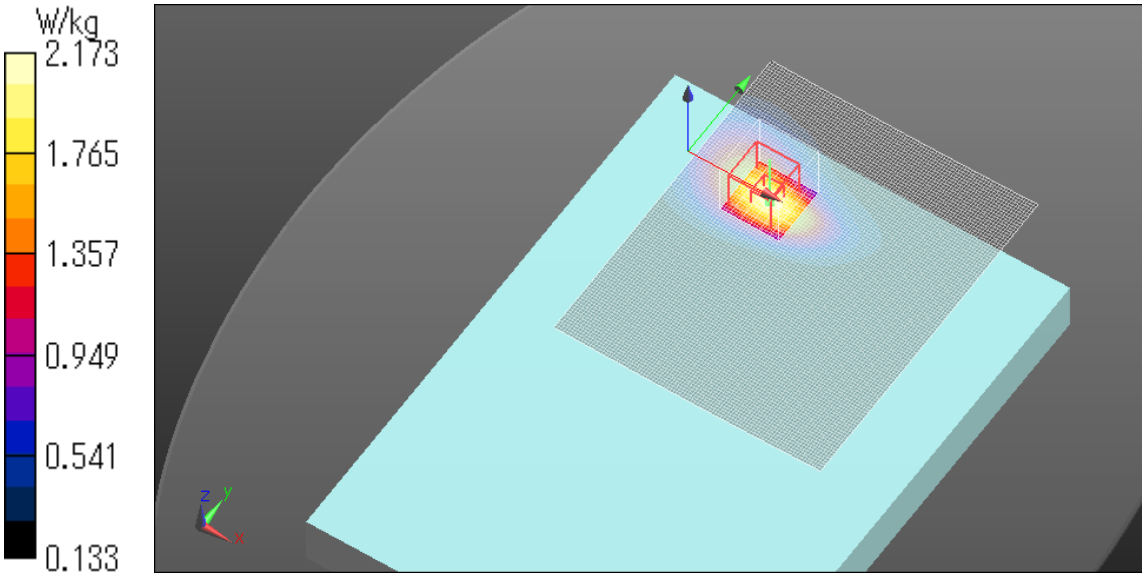
Plot No. 1

UHF-RFID Rear2 927.25MHz
Communication System: UID 0, UHF-RFID (0); Communication System Band: UHF; Frequency: 927.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 927.25 MHz; σ = 1.061 S/m; ε_r = 54.523; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

UHF-RFID/Rear2/Area Scan (91x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.30 W/kg

UHF-RFID/Rear2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 47.02 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 1.57 W/kg; SAR(10 g) = 0.998 W/kg
Maximum value of SAR (measured) = 2.17 W/kg

Date: 2018/09/12
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

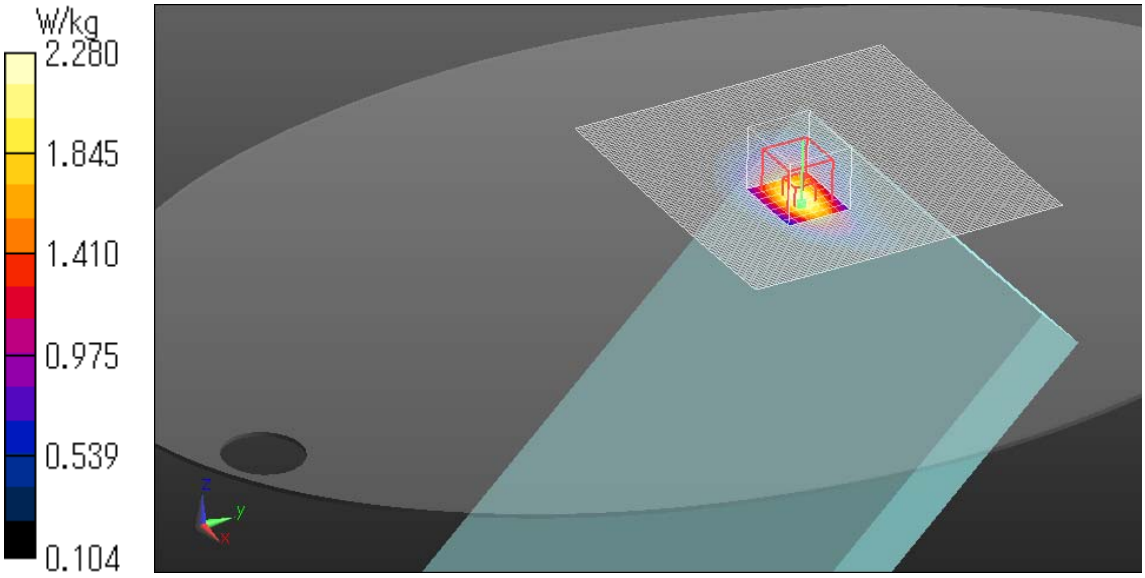


UHF-RFID Edge2 tilt 902.75MHz
Communication System: UID 0, UHF-RFID (0); Communication System Band: UHF; Frequency: 902.75 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 902.75 MHz; σ = 1.044 S/m; ε_r = 55.312; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

UHF-RFID/Edge2 tilt/Area Scan (101x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.27 W/kg

UHF-RFID/Edge2 tilt/Zoom Scan (7x7x7) (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 48.86 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.70 W/kg
SAR(1 g) = 1.62 W/kg; SAR(10 g) = 0.998 W/kg
Maximum value of SAR (measured) = 2.28 W/kg

Date: 2018/09/11
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

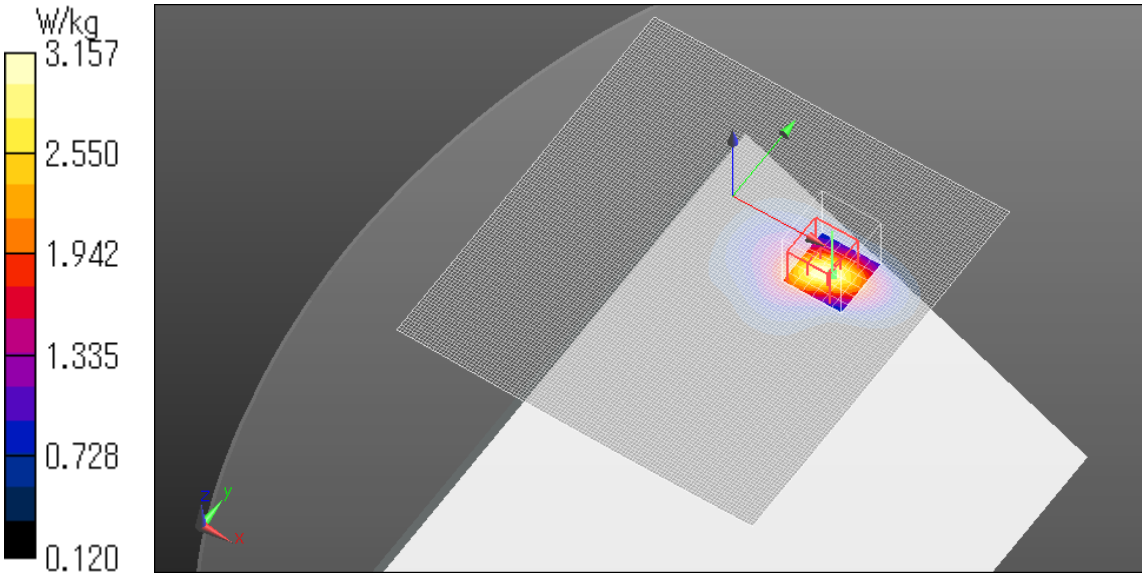


UHF-RFID Edge3 tilt 902.75MHz
Communication System: UID 0, UHF-RFID (0); Communication System Band: UHF; Frequency: 902.75 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 902.75 MHz; σ = 1.035 S/m; ε_r = 55.236; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

UHF-RFID/Edge3 tilt/Area Scan (121x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.01 W/kg

UHF-RFID/Edge3 tilt/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.06 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.87 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.25 W/kg
Maximum value of SAR (measured) = 3.16 W/kg

Date: 2018/09/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

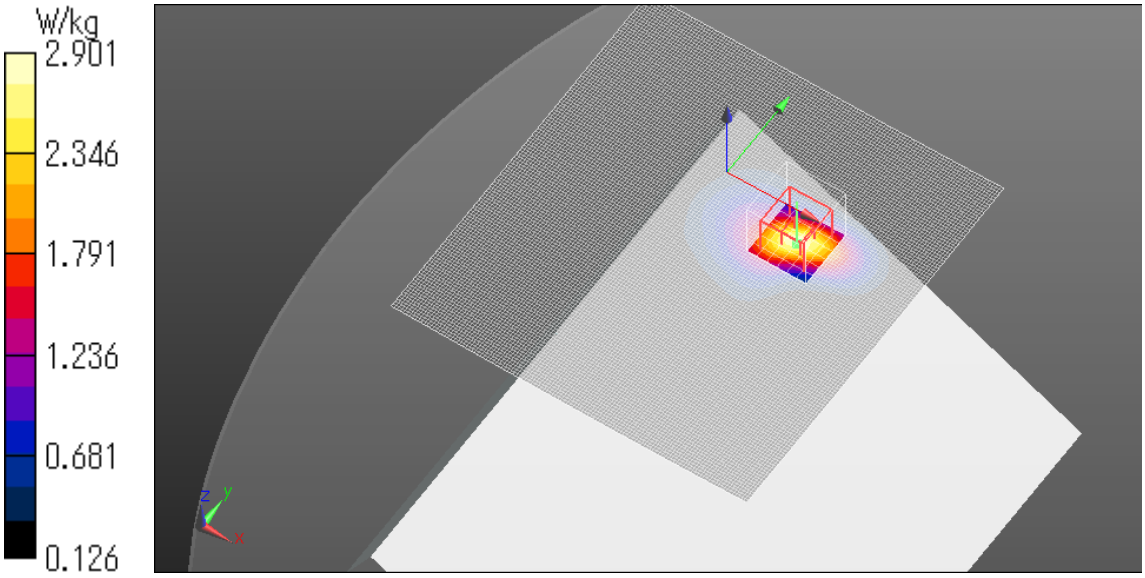


UHF-RFID Edge3 tilt 914.75MHz
Communication System: UID 0, UHF-RFID (0); Communication System Band: UHF; Frequency: 914.75 MHz; Duty Cycle: 1:1
Medium parameters used: f = 915 MHz; σ = 1.047 S/m; ε_r = 55.115; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

UHF-RFID/Edge3 tilt/Area Scan (121x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.82 W/kg

UHF-RFID/Edge3 tilt/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.35 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.14 W/kg
Maximum value of SAR (measured) = 2.90 W/kg

Date: 2018/09/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

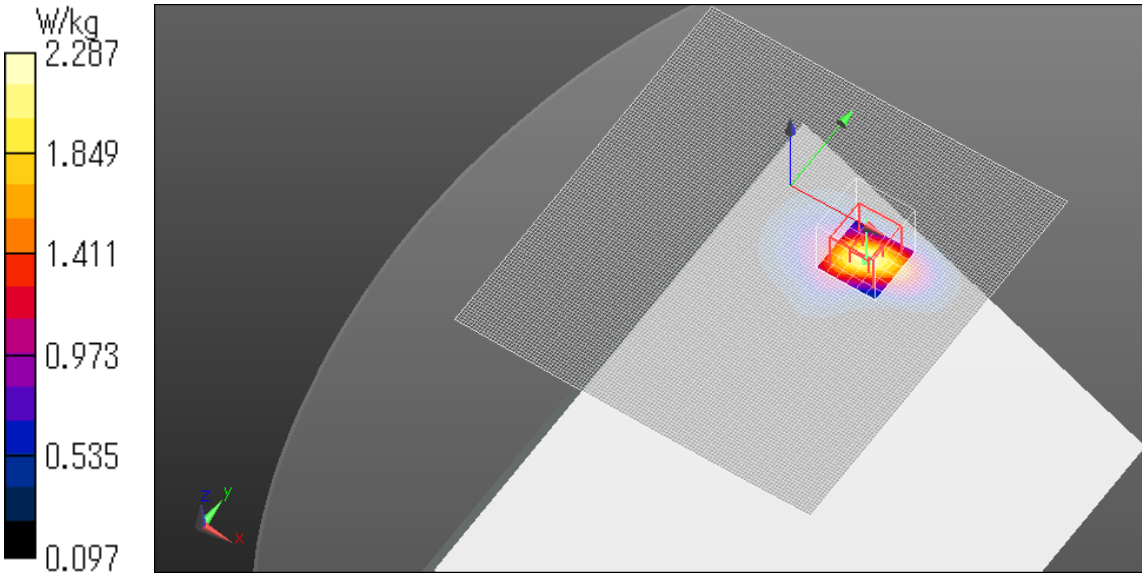


UHF-RFID Edge3 tilt 927.25MHz
Communication System: UID 0, UHF-RFID (0); Communication System Band: UHF; Frequency: 927.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 927.25 MHz; σ = 1.06 S/m; ε_r = 55.028; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

UHF-RFID/Edge3 tilt/Area Scan (121x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.23 W/kg

UHF-RFID/Edge3 tilt/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 48.22 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 1.53 W/kg; SAR(10 g) = 0.880 W/kg
Maximum value of SAR (measured) = 2.29 W/kg

Date: 2018/09/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

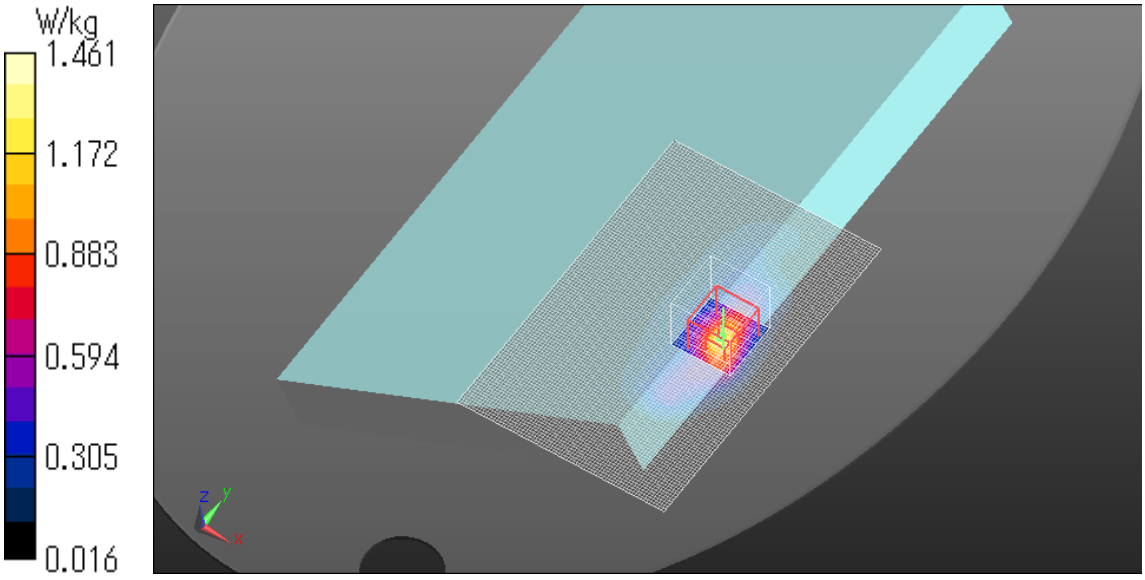


WCDMA Band2 Reduced Power RMC 12.2k 1852.4MHz Edge1 tilt 0mm
Communication System: UID 0, WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.478 S/m; ε_r = 51.469; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.87, 7.87, 7.87); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WCDMA B2/Edge1 tilt 0mm 2/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

WCDMA B2/Edge1 tilt 0mm 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.05 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.423 W/kg
Maximum value of SAR (measured) = 1.46 W/kg

Date: 2018/09/25
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



WCDMA Band2 Full Power Edge2 tilt 0mm RMC 12.2k 1907.6MHz
Communication System: UID 0, WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.545 S/m; ε_r = 51.28; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.87, 7.87, 7.87); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

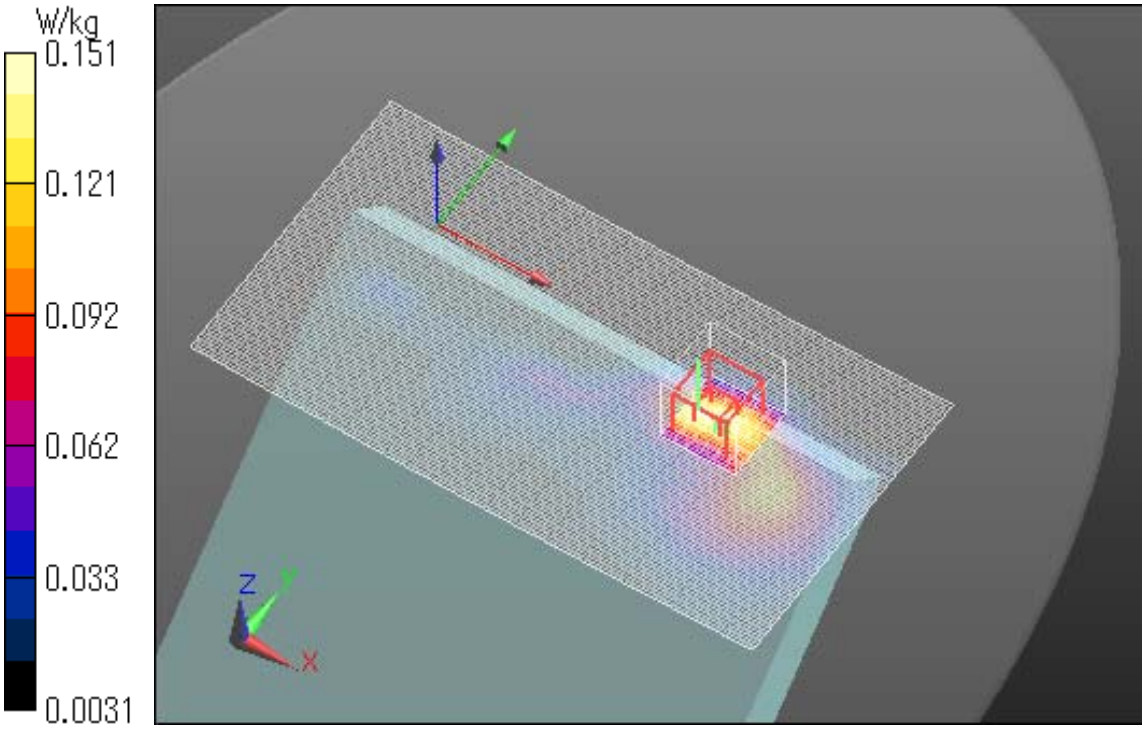
WCDMA B2/Edge2 tilt 0mm/Area Scan (151x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.145 W/kg

WCDMA B2/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.06 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.151 W/kg

Date: 2018/09/25
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



WCDMA Band4 Reduced Power Edge1 tilt 0mm RMC 12.2k 1712.4MHz
Communication System: UID 0, WCDMA (0); Communication System Band: Band IV; Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.399 S/m; ε_r = 51.862; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(8.22, 8.22, 8.22); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

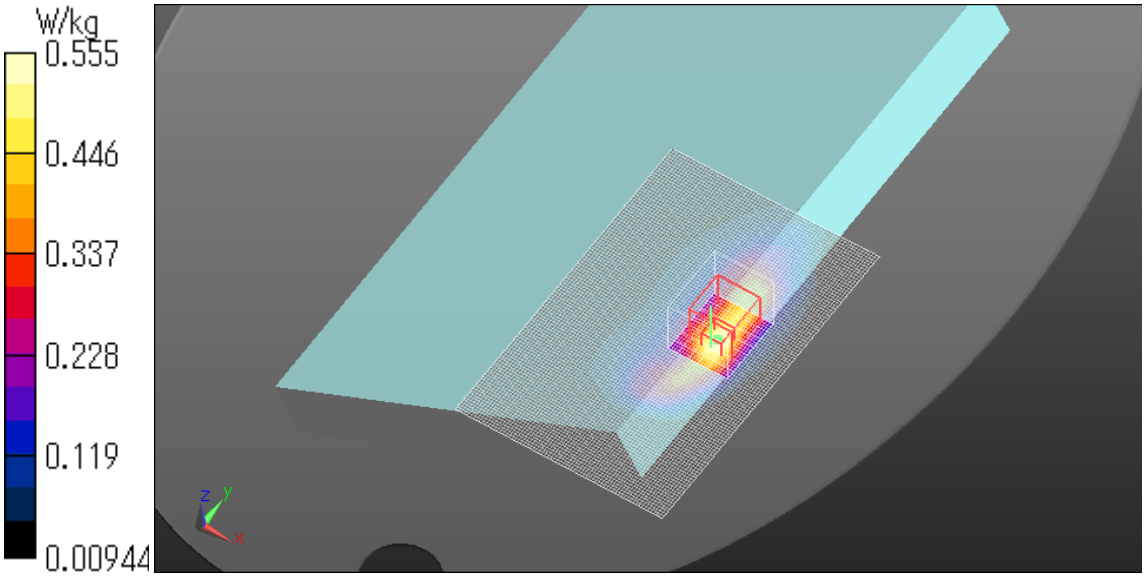
WCDMA B4/Edge1 tilt 0mm 1/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.578 W/kg

WCDMA B4/Edge1 tilt 0mm 1/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.54 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.696 W/kg
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.555 W/kg

Date: 2018/09/27
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

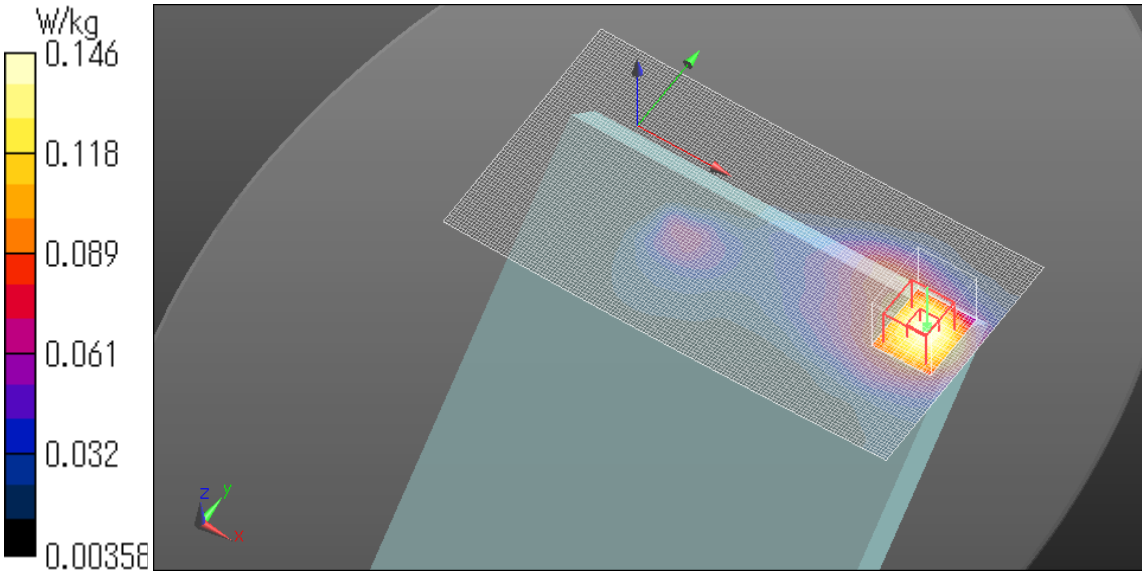


WCDMA Band4 Full Power Edge2 tilt 0mm RMC 12.2k 1752.6MHz
Communication System: UID 0, WCDMA (0); Communication System Band: Band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.436 S/m; ε_r = 51.747; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(8.22, 8.22, 8.22); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WCDMA B4/Edge2 tilt 0mm/Area Scan (151x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.149 W/kg

WCDMA B4/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.53 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.146 W/kg

Date: 2018/09/27
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

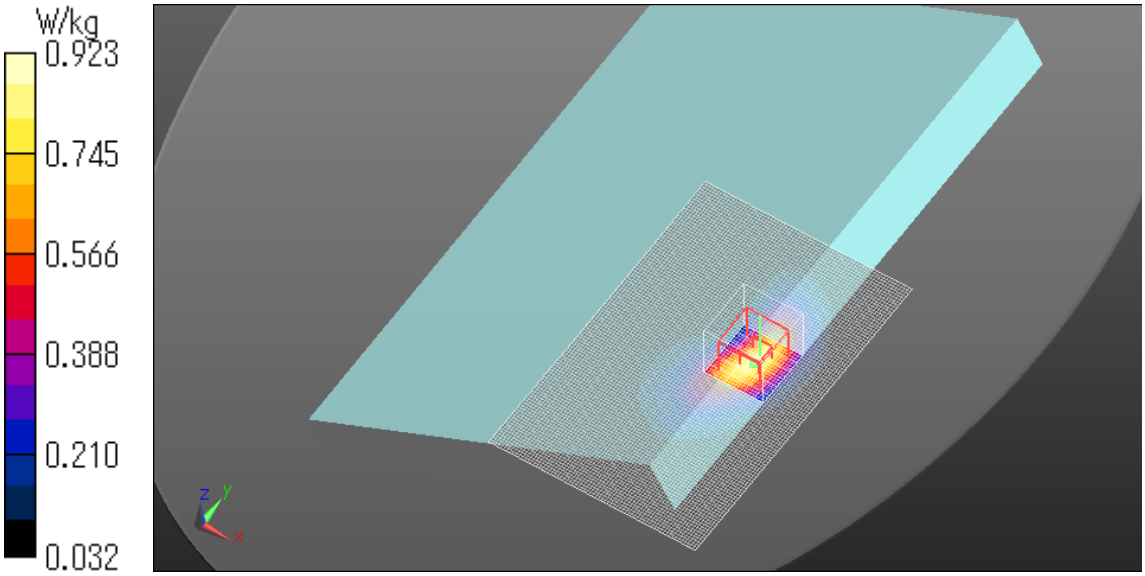


WCDMA Band5 Reduced Power Edge1 tilt 0mm RMC 12.2k 836.6MHz
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.974 S/m; ε_r = 55.148; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WCDMA B5/Edge1 tilt 0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.846 W/kg

WCDMA B5/Edge1 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.25 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 0.923 W/kg

Date: 2018/09/28
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

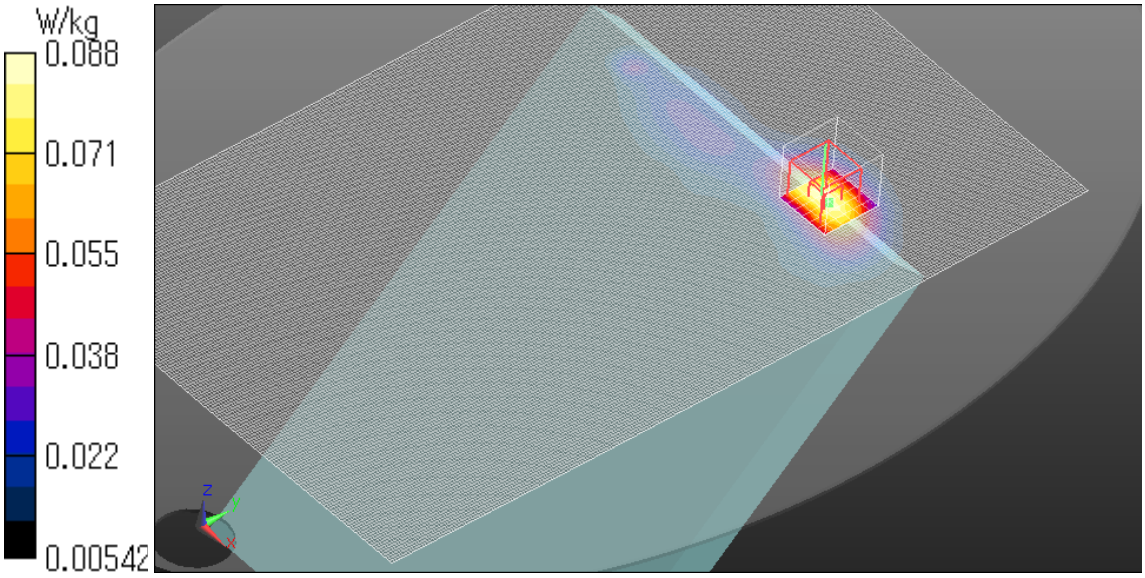


WCDMA Band5 Full Power Edge2 tilt 0mm RMC 12.2k 826.4MHz
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.952 S/m; ε_r = 55.806; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WCDMA B5/Edge2 tilt 0mm/Area Scan (161x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0932 W/kg

WCDMA B5/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.20 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.0880 W/kg

Date: 2018/09/14
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

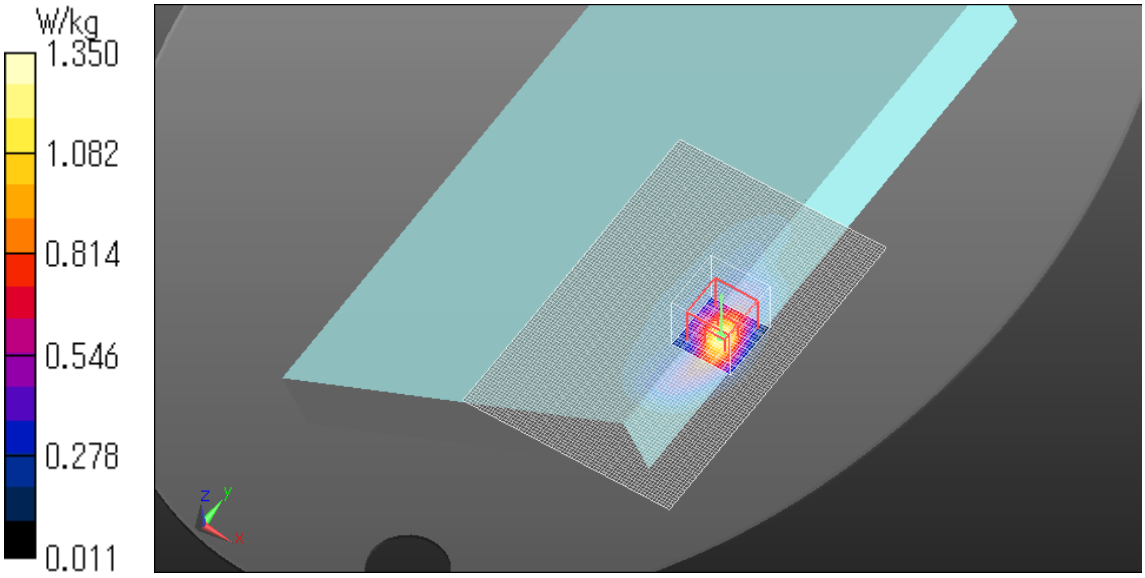


LTE Band 2 Reduced Power Edge1 tilt 0mm QPSK 1900MHz RB Allocation 50 RB Start 24
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.536 S/m; ε_r = 51.303; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.87, 7.87, 7.87); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B2/Edge1 tilt 0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

LTE B2/Edge1 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.67 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.373 W/kg
Maximum value of SAR (measured) = 1.35 W/kg

Date: 2018/09/25
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

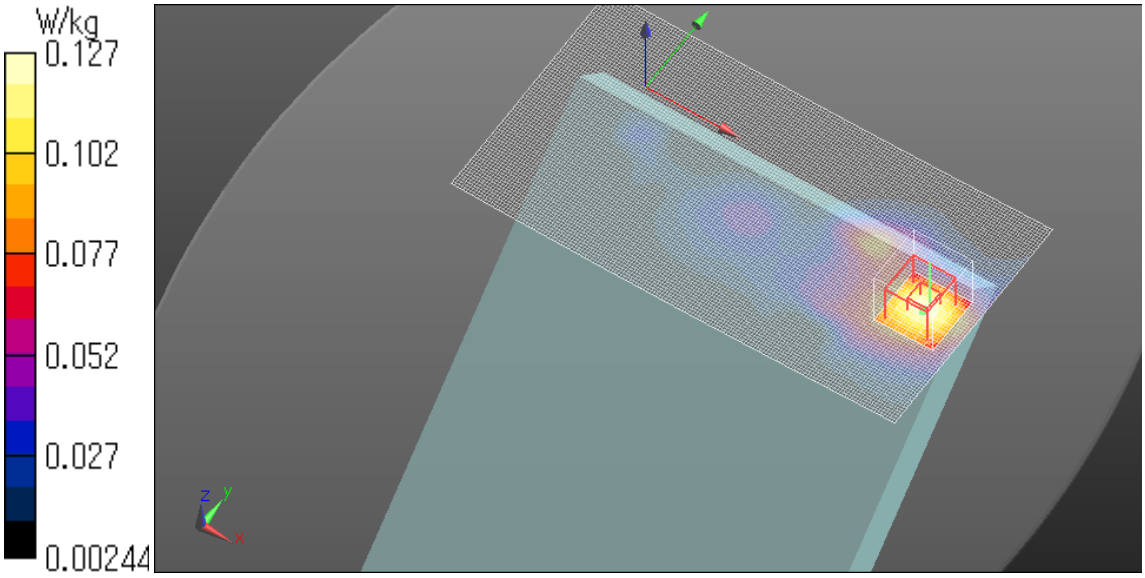


LTE Band 2 Full Power Edge2 tilt 0mm QPSK 1900MHz RB Allocation 1 RB Start 49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.536 S/m; ε_r = 51.303; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.87, 7.87, 7.87); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B2/Edge2 tilt 0mm/Area Scan (151x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.127 W/kg

LTE B2/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.421 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.127 W/kg

Date: 2018/09/25
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

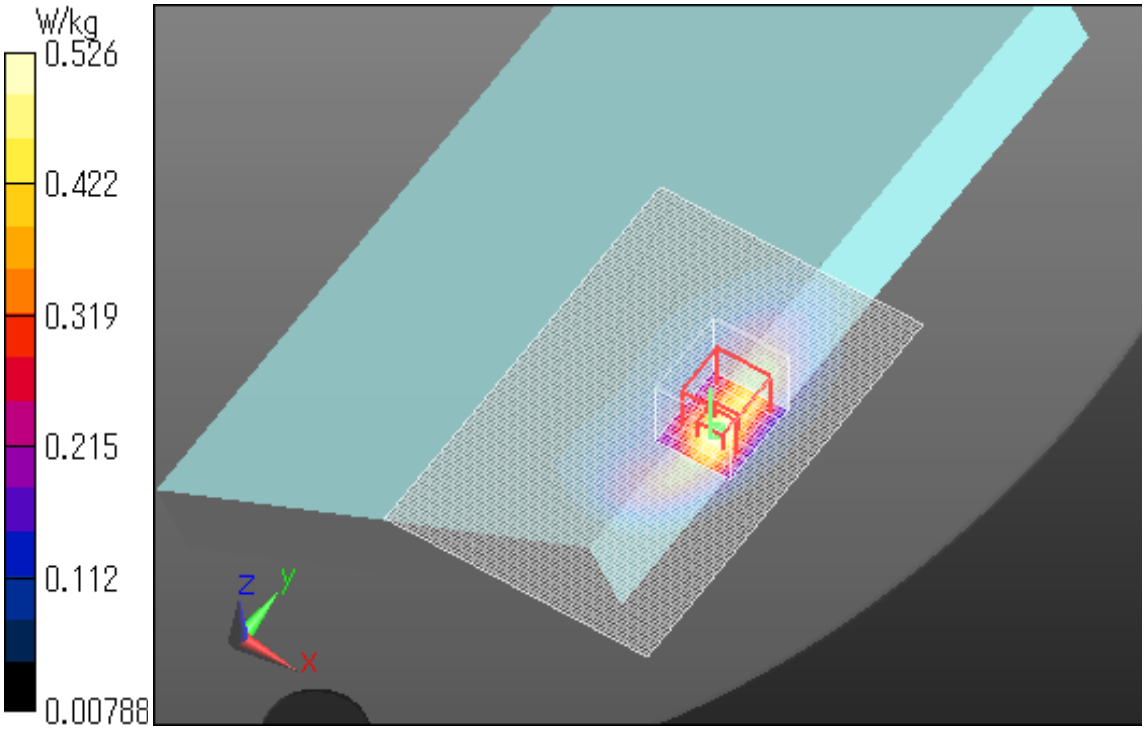


LTE Band 4 Reduced Power Edge1 tilt 0mm QPSK 1720MHz RB Allocation 50 RB Start 24
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.405 S/m; ε_r = 51.841; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(8.22, 8.22, 8.22); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B4/Edge1 tilt 0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.537 W/kg

LTE B4/Edge1 tilt 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.99 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 0.526 W/kg

Date: 2018/09/27
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

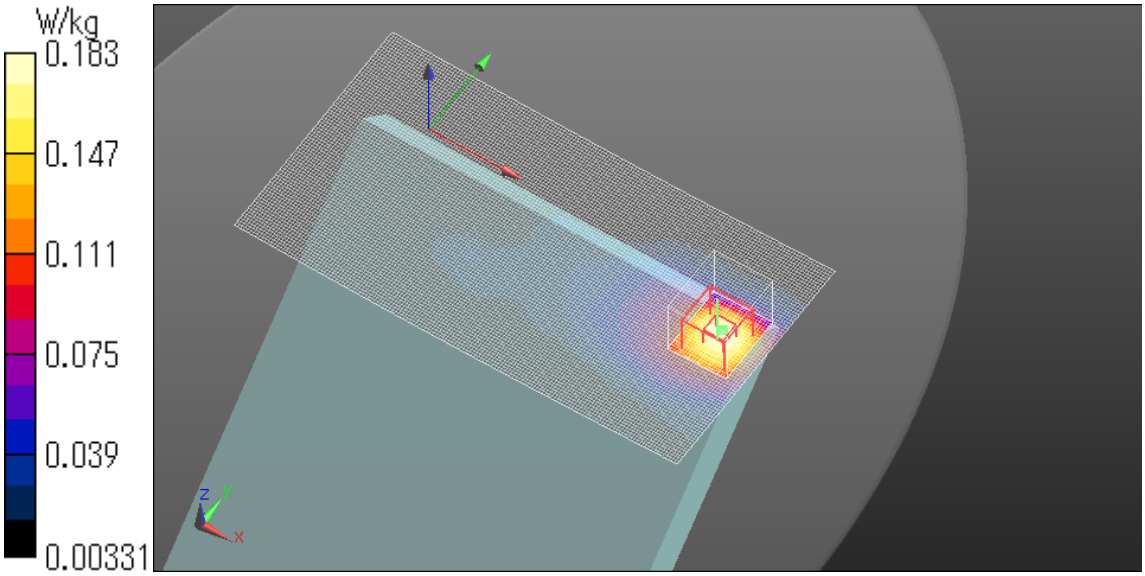


LTE Band 4 Full Power Edge2 tilt 0mm QPSK 1745MHz RB Allocation 1 RB Start 49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.429 S/m; ε_r = 51.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(8.22, 8.22, 8.22); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B4/Edge2 tilt 0mm/Area Scan (151x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.191 W/kg

LTE B4/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.86 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.081 W/kg
Maximum value of SAR (measured) = 0.183 W/kg

Date: 2018/09/27
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



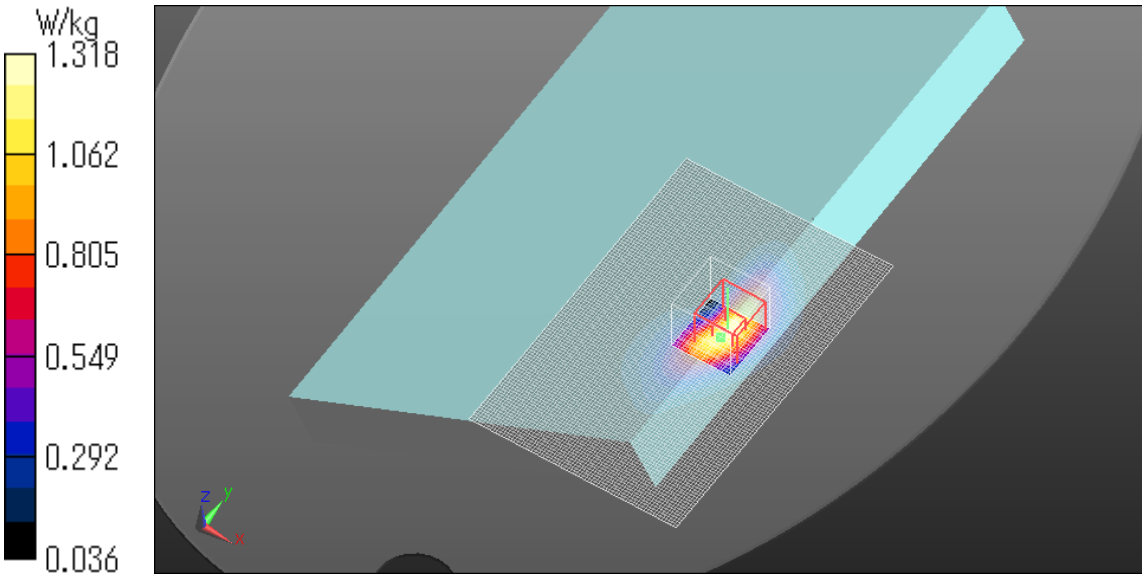
LTE Band 5 Reduced Power Edge1 tilt 0mm QPSK 844MHz RB Allocation 25 RB Start 0

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; σ = 0.976 S/m; ε_r = 55.87; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B5/Edge1 tilt 0mm 2/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

LTE B5/Edge1 tilt 0mm 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 38.39 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.480 W/kg
Maximum value of SAR (measured) = 1.32 W/kg

Date: 2018/09/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band 5 Full Power Edge2 tilt 0mm QPSK 844MHz RB Allocation 1 RB Start 0

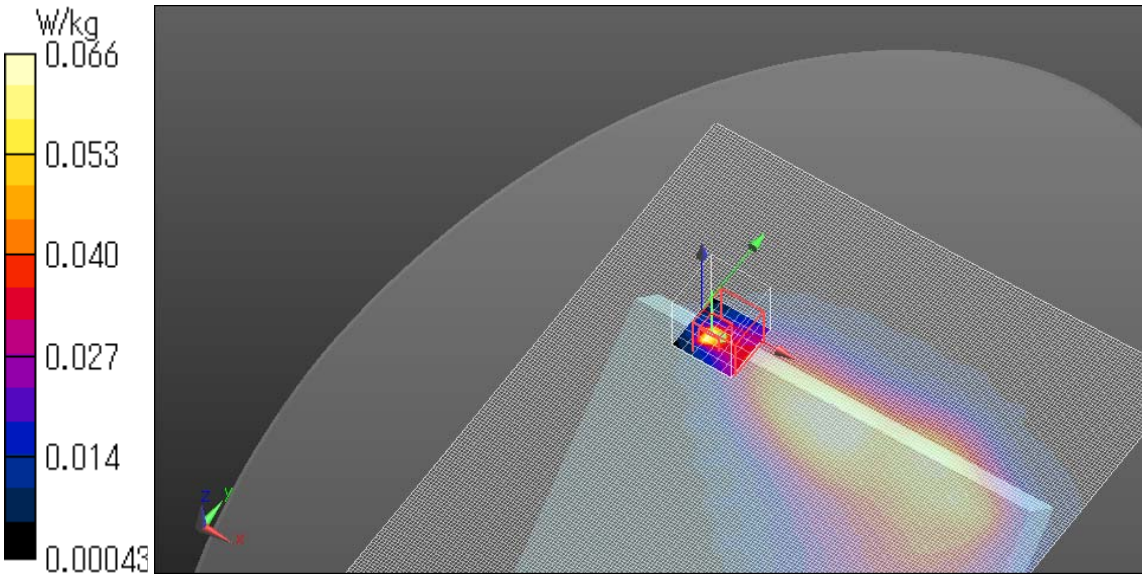
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 844 MHz; σ = 0.976 S/m; ε_r = 55.87; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B5/Edge2 tilt 0mm/Area Scan (161x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0725 W/kg

LTE B5/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.417 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0659 W/kg

Date: 2018/09/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

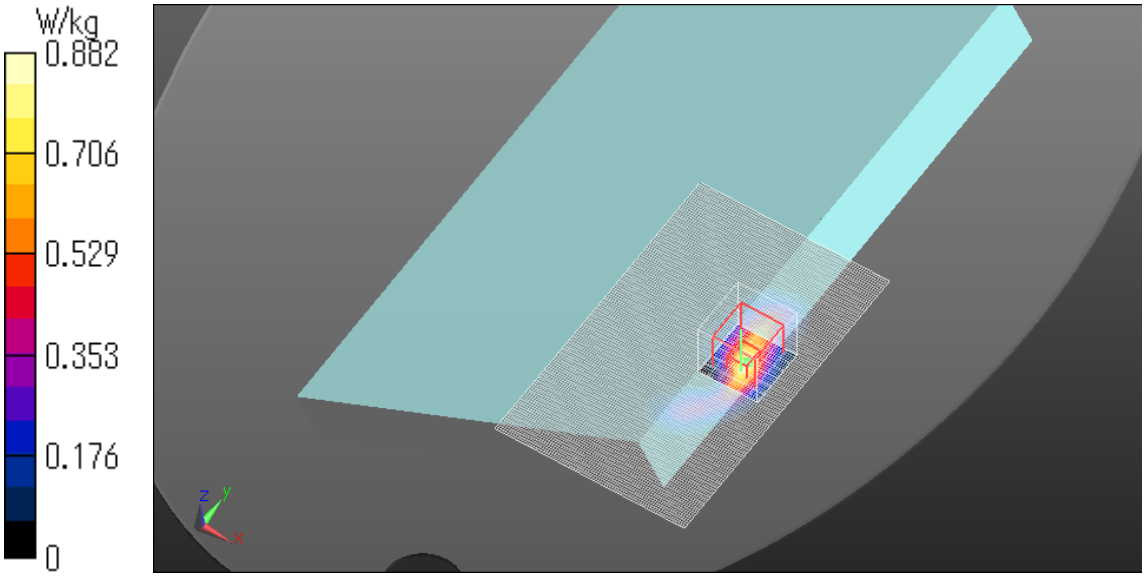


LTE Band 7 Reduced Power Edge1 tilt 0mm QPSK 2560MHz RB Allocation 50 RB Start 24
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.134 S/m; ε_r = 50.516; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.42, 7.42, 7.42); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B7/Edge1 tilt 0mm/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.864 W/kg

LTE B7/Edge1 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.61 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.882 W/kg

Date: 2018/09/27
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

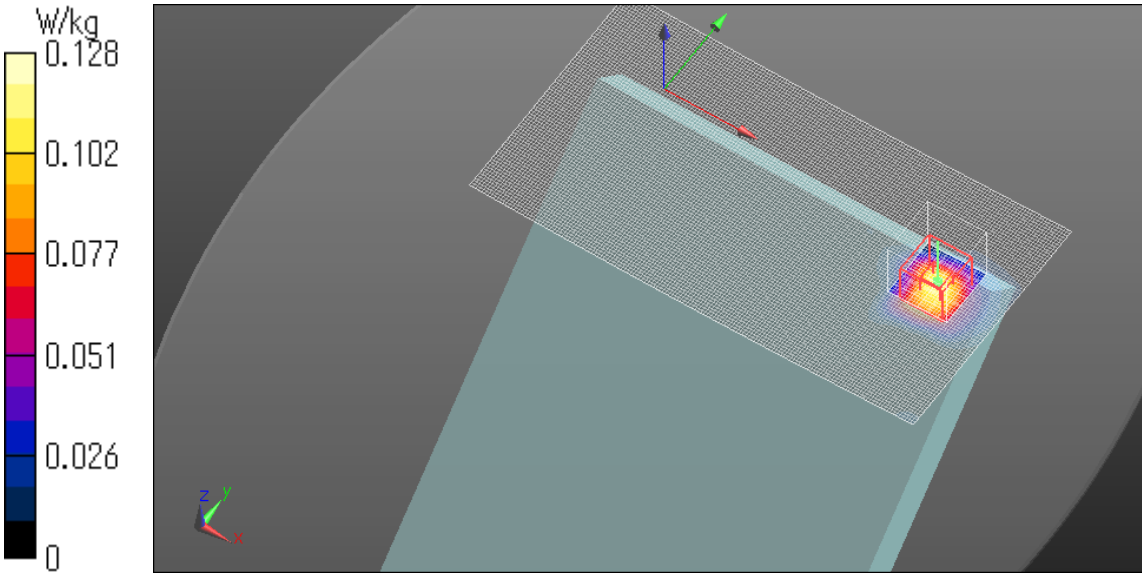


LTE Band 7 Full Power Edge2 tilt 0mm QPSK 2535MHz RB Allocation 1 RB Start 49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.103 S/m; ε_r = 50.682; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.42, 7.42, 7.42); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B7/Edge2 tilt 0mm/Area Scan (151x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

LTE B7/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.972 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.128 W/kg

Date: 2018/09/27
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

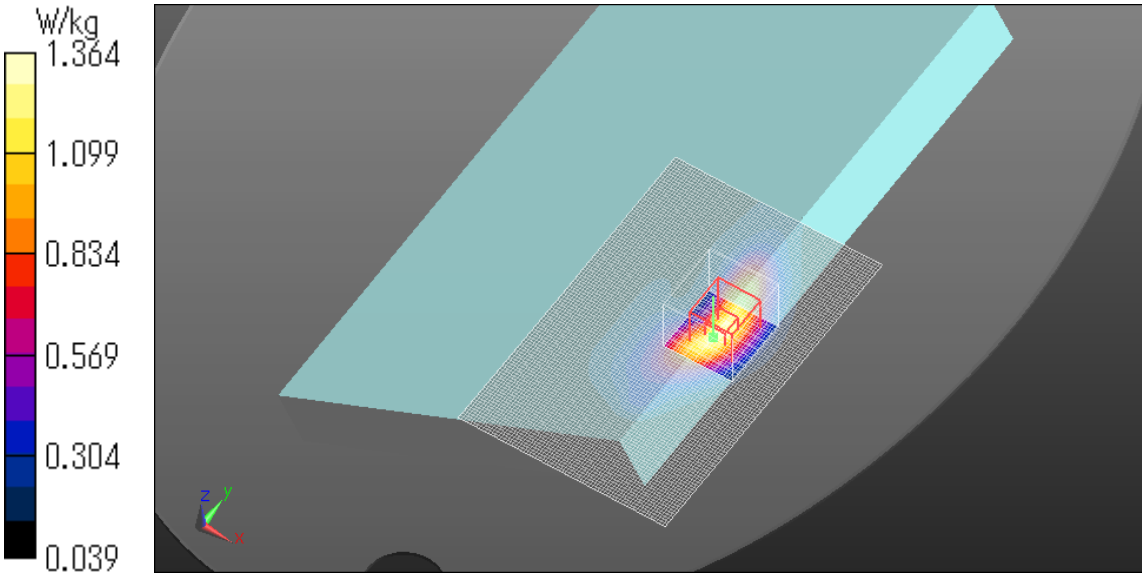


LTE Band 12 Reduced Power Edge1 tilt 0mm QPSK 711MHz RB Allocation 25 RB Start 0
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 711 MHz; σ = 0.955 S/m; ε_r = 55.711; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(10.22, 10.22, 10.22); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B12/Edge1 tilt 0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

LTE B12/Edge1 tilt 0mm/Zoom Scan (7x7x7) (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 39.43 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.489 W/kg
Maximum value of SAR (measured) = 1.36 W/kg

Date: 2018/09/20
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

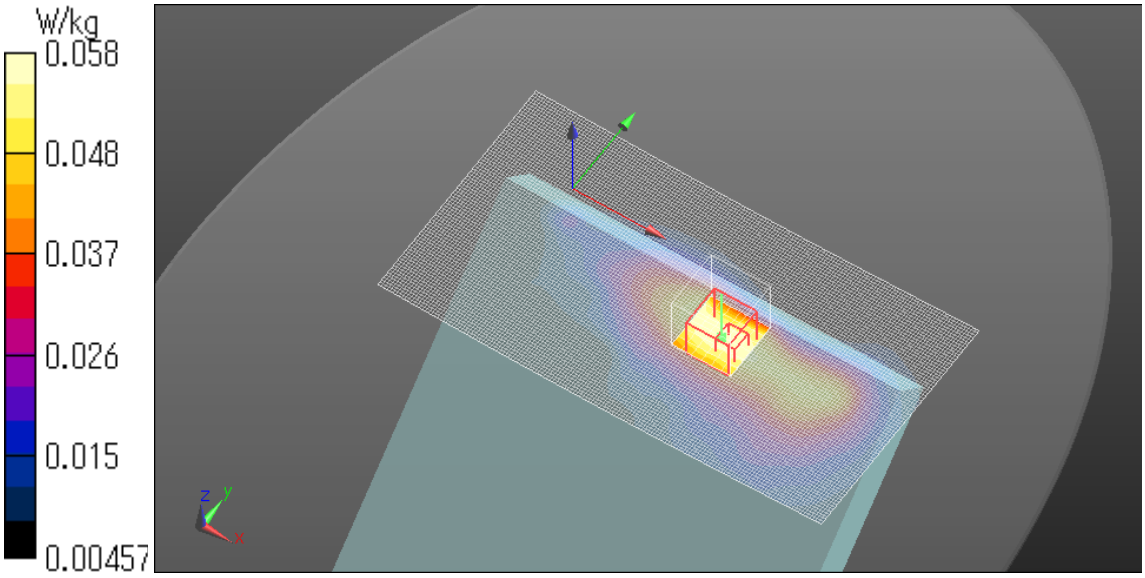


LTE Band 12 Full Power Edge2 tilt 0mm QPSK 707.5MHz RB Allocation 1 RB Start 0
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.952 S/m; ε_r = 55.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(10.22, 10.22, 10.22); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B12/Edge2 tilt 0mm/Area Scan (151x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0566 W/kg

LTE B12/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.084 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0680 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.0584 W/kg

Date: 2018/09/20
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

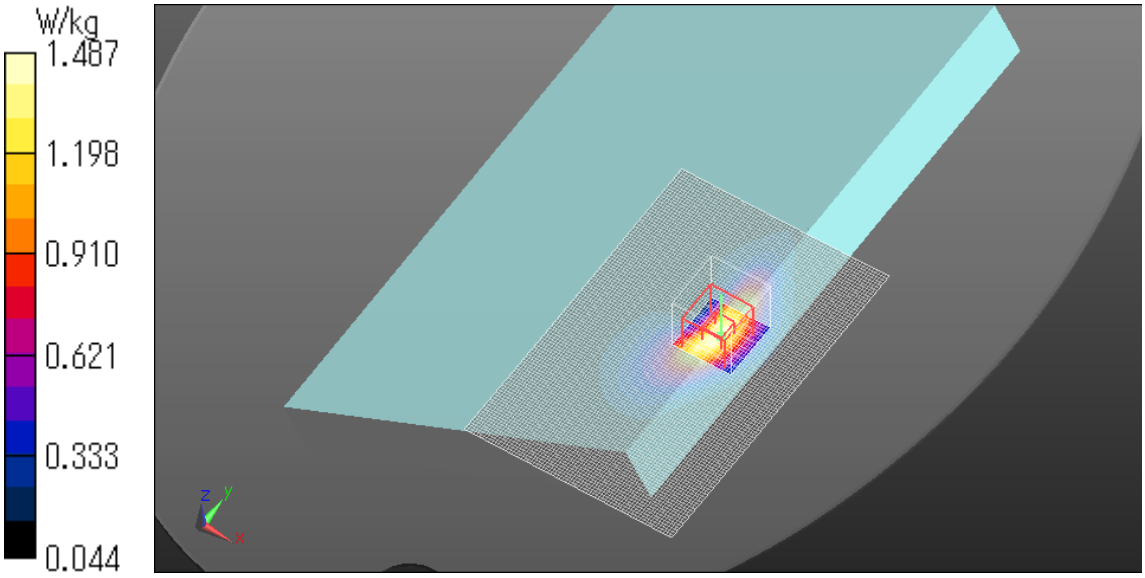


LTE Band 13 Reduced Power Edge1 tilt 0mm QPSK 782MHz RB Allocation 50 RB Start 0
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 782 MHz; σ = 0.965 S/m; ε_r = 56.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(10.22, 10.22, 10.22); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B13/Edge1 tilt 0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

LTE B13/Edge1 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 41.68 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.538 W/kg
Maximum value of SAR (measured) = 1.49 W/kg

Date: 2018/09/19
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

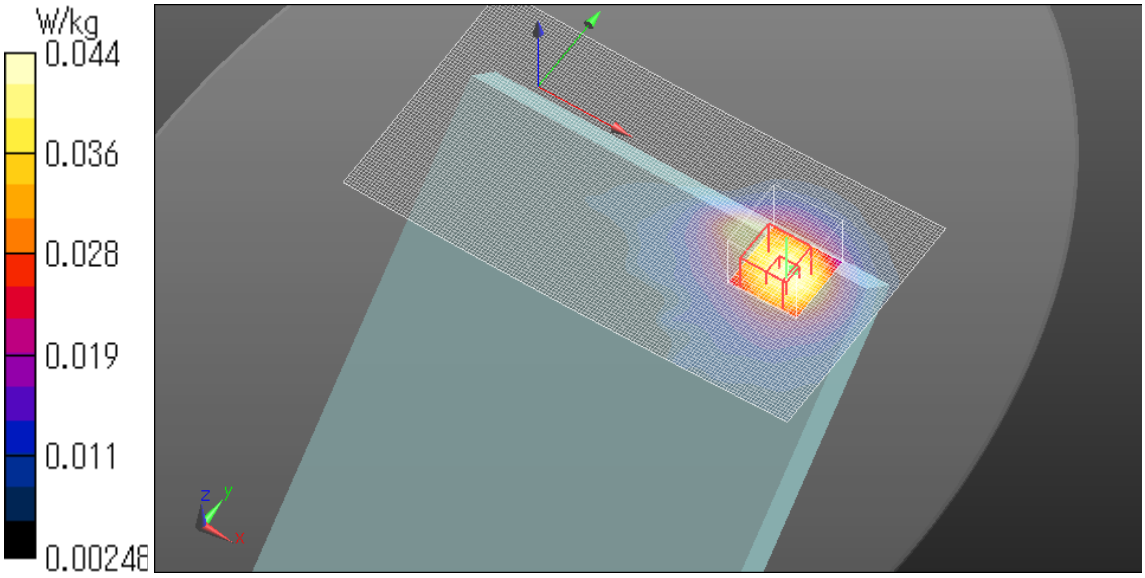


LTE Band 13 Full Power Edge2 tilt 0mm QPSK 782MHz RB Allocation 25 RB Start 12
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 782 MHz; σ = 0.965 S/m; ε_r = 56.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(10.22, 10.22, 10.22); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B13/Edge2 tilt 0mm/Area Scan (151x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0421 W/kg

LTE B13/Edge2 tilt 0mm/Zoom Scan (7x7x7) 3 (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.949 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0520 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0443 W/kg

Date: 2018/09/19
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

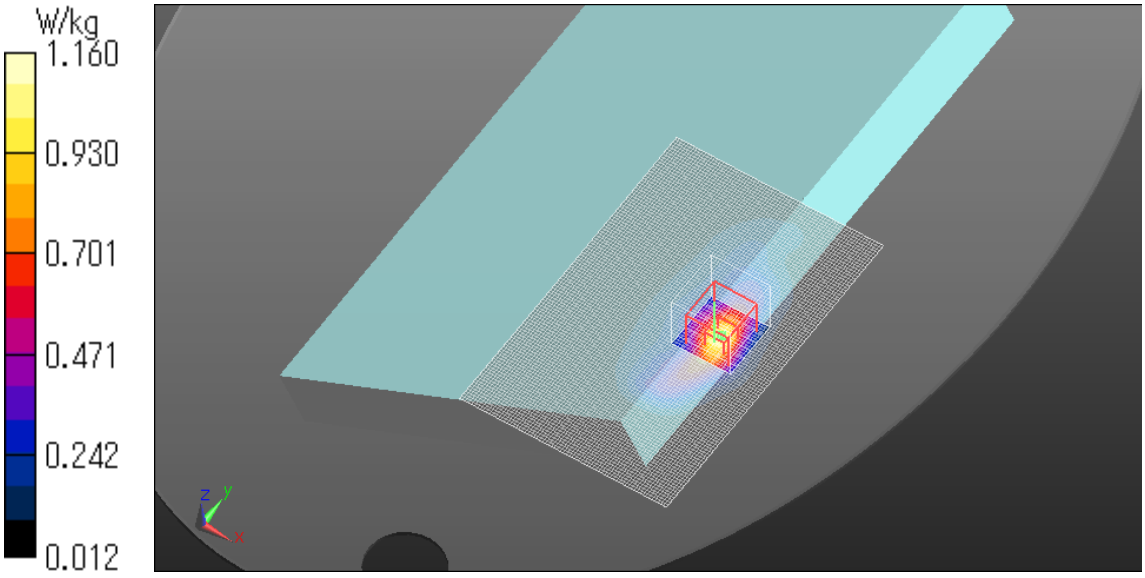


LTE Band 25 Reduced Power Edge1 tilt 0mm QPSK 1905MHz RB Allocation 1 RB Start 49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1905 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1905 MHz; σ = 1.542 S/m; ε_r = 51.287; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.87, 7.87, 7.87); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B25/Edge1 tilt 0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

LTE B25/Edge1 tilt 0mm Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.68 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.339 W/kg
Maximum value of SAR (measured) = 1.16 W/kg

Date: 2018/09/25
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

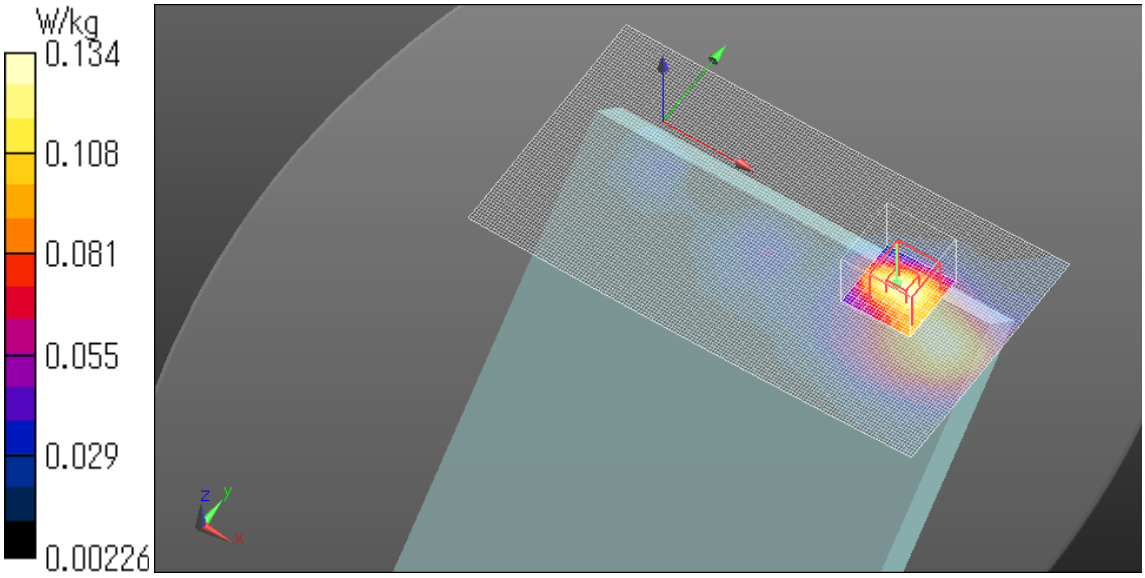


LTE Band 25 Full Power Edge2 tilt 0mm QPSK 1882.5MHz RB Allocation 1 RB Start 0
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.516 S/m; ε_r = 51.358; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.87, 7.87, 7.87); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B25/Edge2 tilt 0mm/Area Scan (151x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.138 W/kg

LTE B25/Edge2 tilt 0mm/Zoom Scan (7x7x7) (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.801 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.134 W/kg

Date: 2018/09/25
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

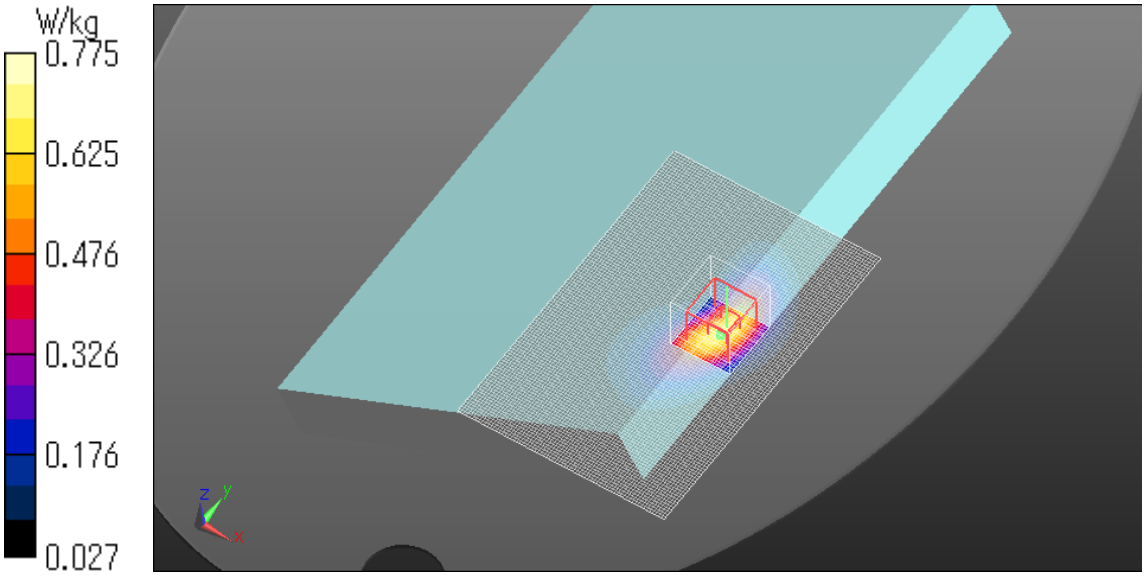


LTE Band 26 Reduced Power Edge1 tilt 0mm QPSK 841.5MHz RB Allocation 36 RB Start 0
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 26, E-UTRA/FDD (814.0 - 849.0 MHz); Frequency: 841.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.98 S/m; ε_r = 55.087; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B26/Edge1 tilt 0mm/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.680 W/kg

LTE B26/Edge1 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.05 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.931 W/kg
SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.775 W/kg

Date: 2018/09/28
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



LTE Band 26 Full Power Edge2 tilt 0mm QPSK 841.5MHz RB Allocation 1 RB Start 74
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 26, E-UTRA/FDD (814.0 - 849.0 MHz); Frequency: 841.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.973 S/m; ε_r = 55.889; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(9.95, 9.95, 9.95); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

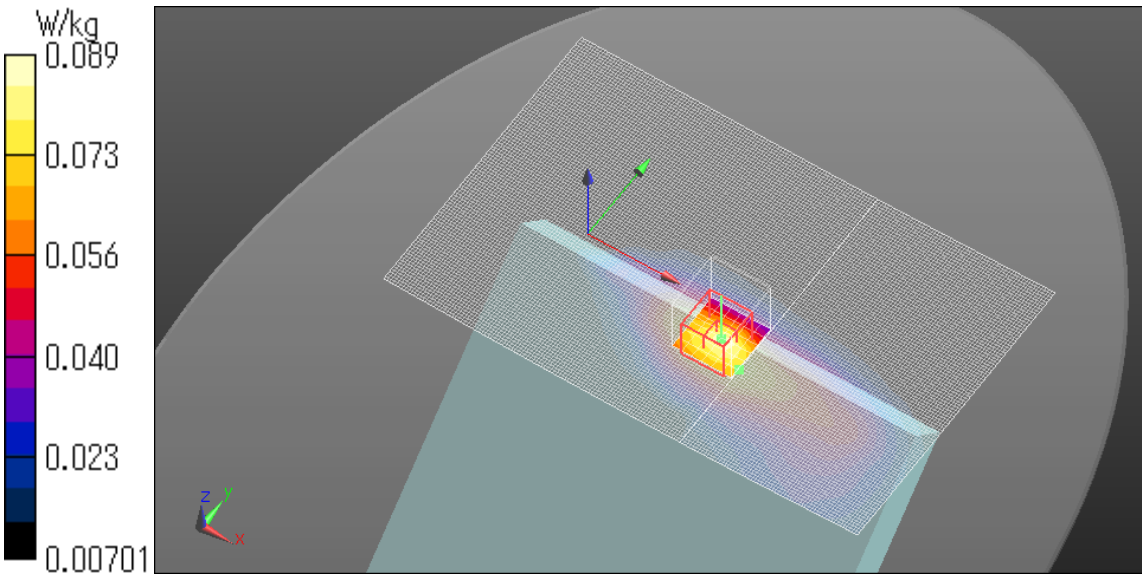
LTE B26/Edge2 tilt 0mm/Area Scan (101x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0839 W/kg

LTE B26/Edge2 tilt 0mm/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0705 W/kg

LTE B26/Edge2 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.819 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0892 W/kg

Date: 2018/09/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

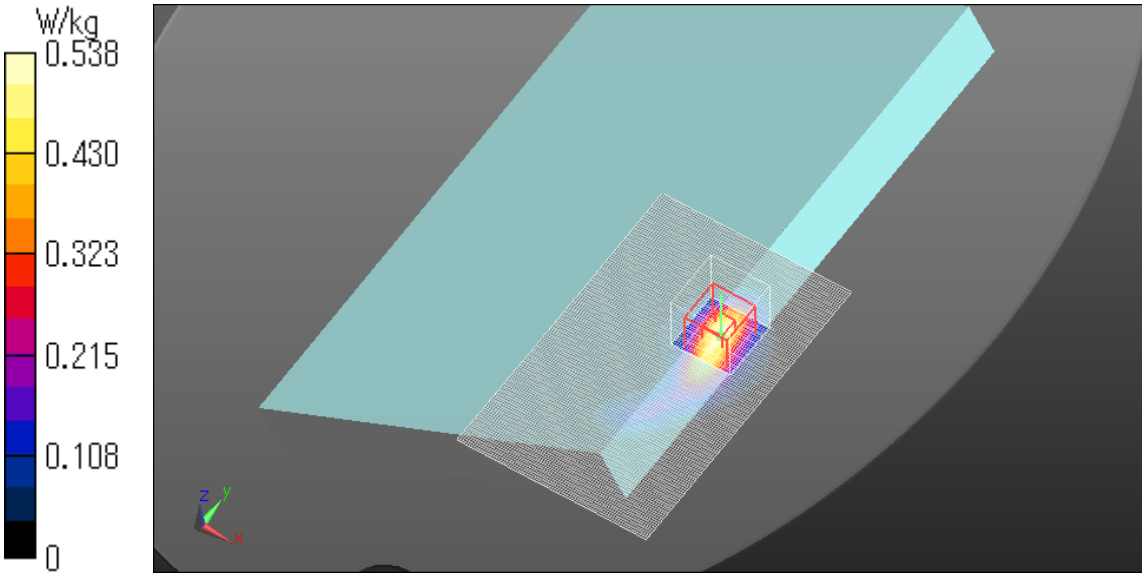


LTE Band 41 Reduced Power Edge1 tilt 0mm QPSK 2680MHz RB Allocation 1 RB Start 49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2680 MHz; σ = 2.314 S/m; ε_r = 50.012; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.42, 7.42, 7.42); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B41/Edge1 tilt 0mm/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.558 W/kg

LTE B41/Edge1 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.69 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.538 W/kg

Date: 2018/09/27
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

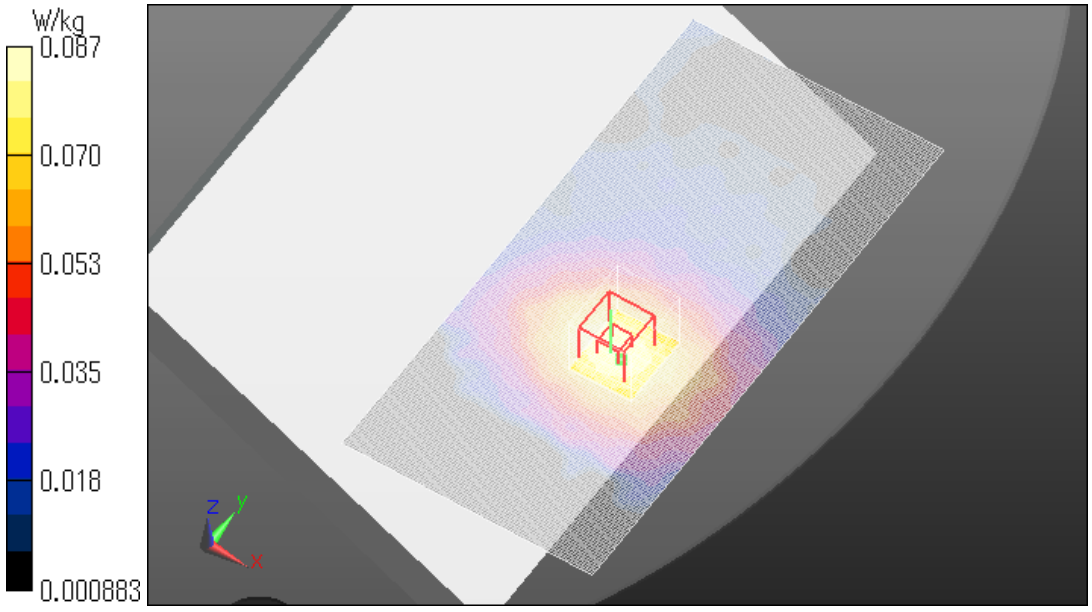


LTE Band 41 Full Power Edge3 tilt 0mm QPSK 2680MHz RB Allocation 1 RB Start 49
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.314 S/m; ε_r = 50.012; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917_20180523; ConvF(7.42, 7.42, 7.42); Calibrated: 2018/05/23;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369_20180523; Calibrated: 2018/05/23
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

LTE B41/Edge3 tilt 0mm/Area Scan 2 (101x211x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0867 W/kg

LTE B41/Edge3 tilt 0mm/Zoom Scan (7x7x7) 3 (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.349 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.0872 W/kg

Date: 2018/09/27
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



WLAN 2.4GHz Main Edge 3 tilt 0mm 11b 2437MHz

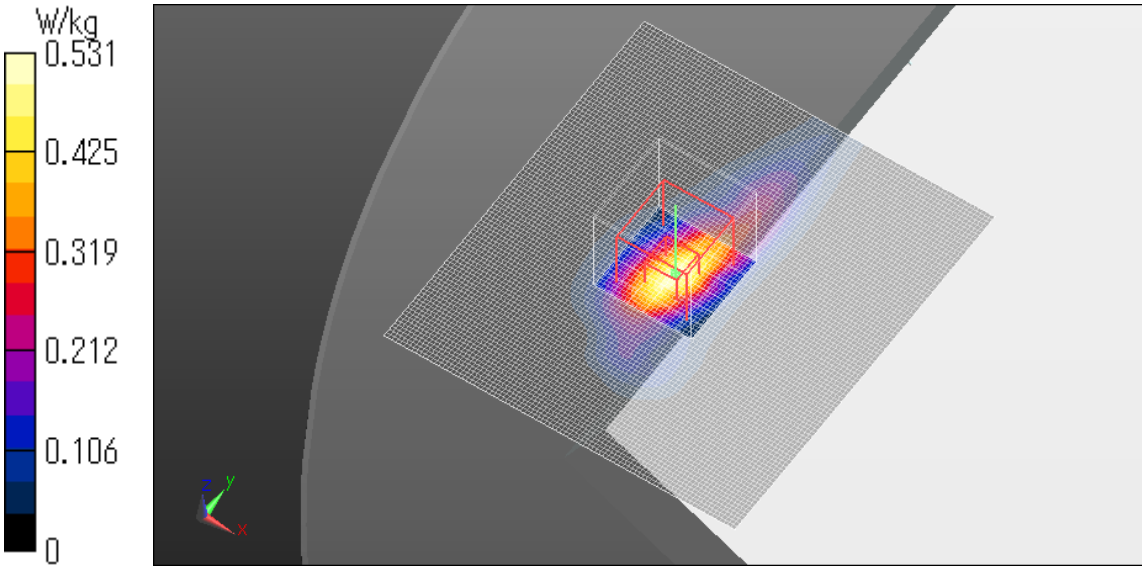
Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11b/g/n (2.4G);
Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.007 S/m; ε_r = 51.77; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3825_20171211; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/12/11;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509_20180711; Calibrated: 2018/07/11
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WLAN 2.4GHz/Main Edge 3 tilt 0mm/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.496 W/kg

WLAN 2.4GHz/Main Edge 3 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.92 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.682 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.531 W/kg
Date: 2018/09/14
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



WLAN 2.4GHz Aux Edge 1 tilt 0mm 11b 2462MHz

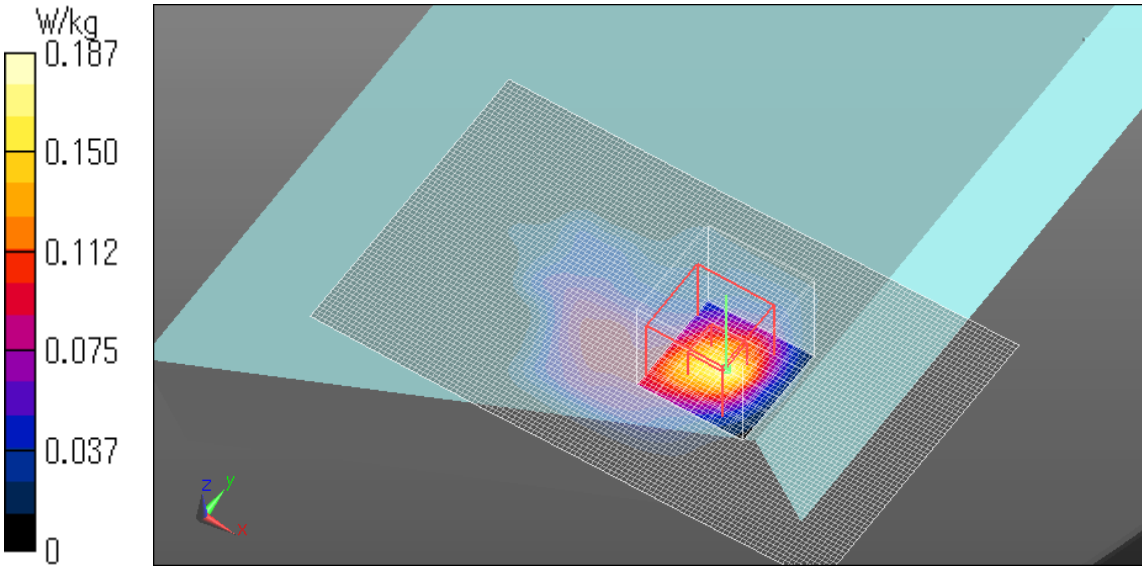
Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11b/g/n (2.4G);
Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.037 S/m; ε_r = 51.668; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3825_20171211; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/12/11;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509_20180711; Calibrated: 2018/07/11
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WLAN 2.4GHz/Aux Edge 1 tilt 0mm/Area Scan 2 3 2 (121x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.170 W/kg

WLAN 2.4GHz/Aux Edge 1 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.187 W/kg
Date: 2018/09/14
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



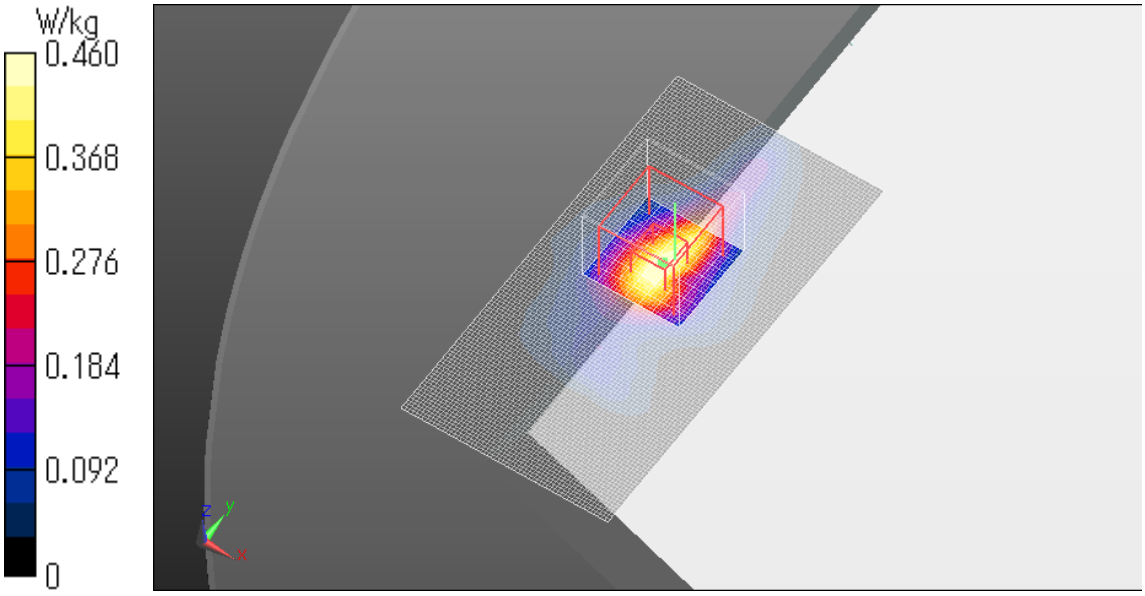
WLAN 5.3GHz Main Edge 3 tilt 0mm 11n 40M 5310MHz

Communication System: UID 0, WLAN (0); Communication System Band: 11n40/ac40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; σ = 5.639 S/m; ε_r = 46.692; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3922_20171115; ConvF(5.05, 5.05, 5.05); Calibrated: 2017/11/15;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372_2018-06-19; Calibrated: 2018/06/19
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WLAN 5.3GHz/Edge 3 tilt 0mm/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.479 W/kg

WLAN 5.3GHz/Edge 3 tilt 0mm/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.14 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.068 W/kg
Maximum value of SAR (measured) = 0.460 W/kg

Date: 2018/09/20
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

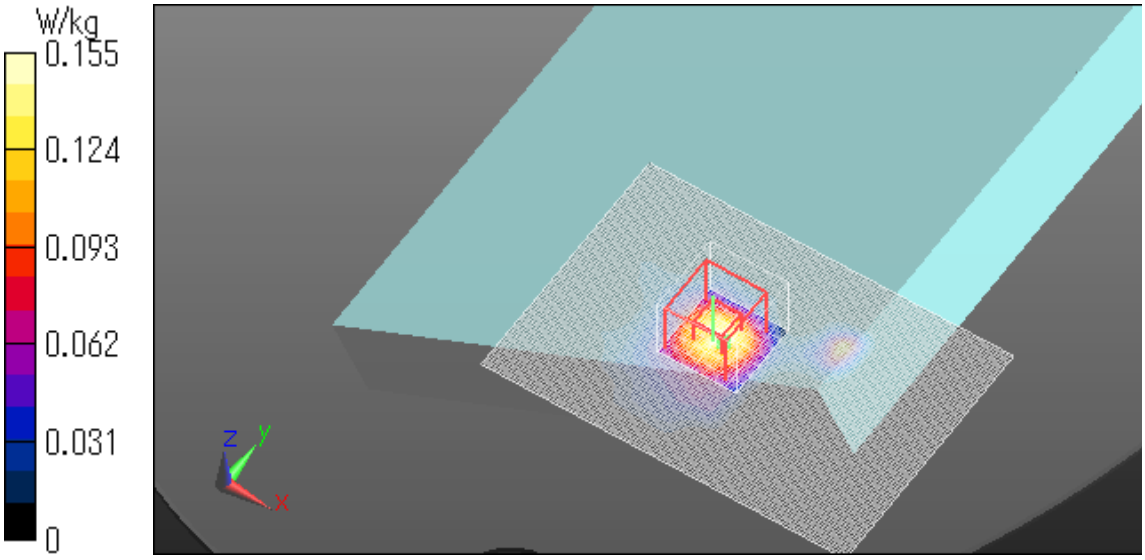


WLAN 5.3GHz Aux Edge 1 tilt 0mm 11n 40M 5310MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11n40/ac40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; σ = 5.639 S/m; ε_r = 46.692; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3922_20171115; ConvF(5.05, 5.05, 5.05); Calibrated: 2017/11/15;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372_2018-06-19; Calibrated: 2018/06/19
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WLAN 5.3GHz Aux/Edge 1 tilt 0mm/Area Scan (131x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.166 W/kg

WLAN 5.3GHz Aux/Edge 1 tilt 0mm/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.820 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.155 W/kg

Date: 2018/09/20
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



WLAN 5.5GHz Main Edge 3 tilt 0mm 11ac 80M 5690MHz

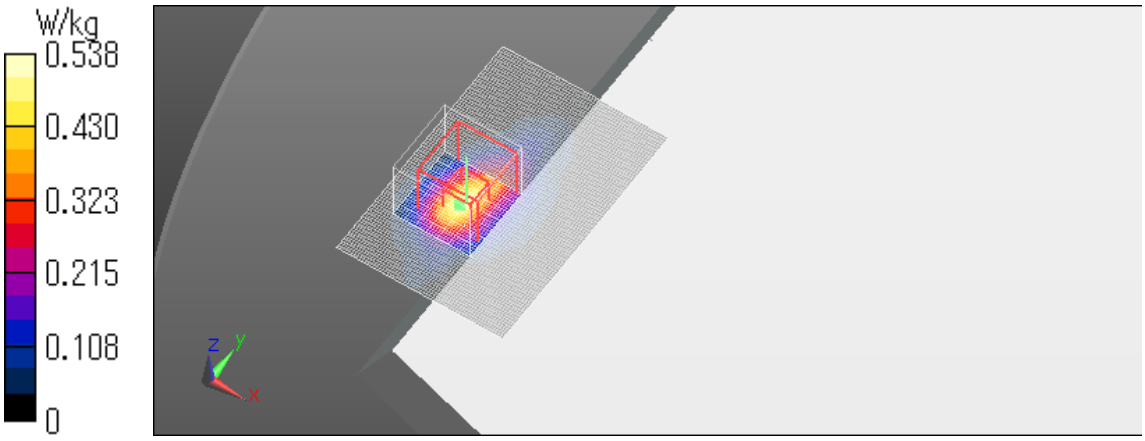
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.113 S/m; ε_r = 46.042; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3922_20171115; ConvF(4.46, 4.46, 4.46); Calibrated: 2017/11/15;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372_2018-06-19; Calibrated: 2018/06/19
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WLAN 5.6GHz Main/Edge 3 tilt 0mm/Area Scan 4 (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.494 W/kg

WLAN 5.6GHz Main/Edge 3 tilt 0mm/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.49 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.538 W/kg

Date: 2018/09/21
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

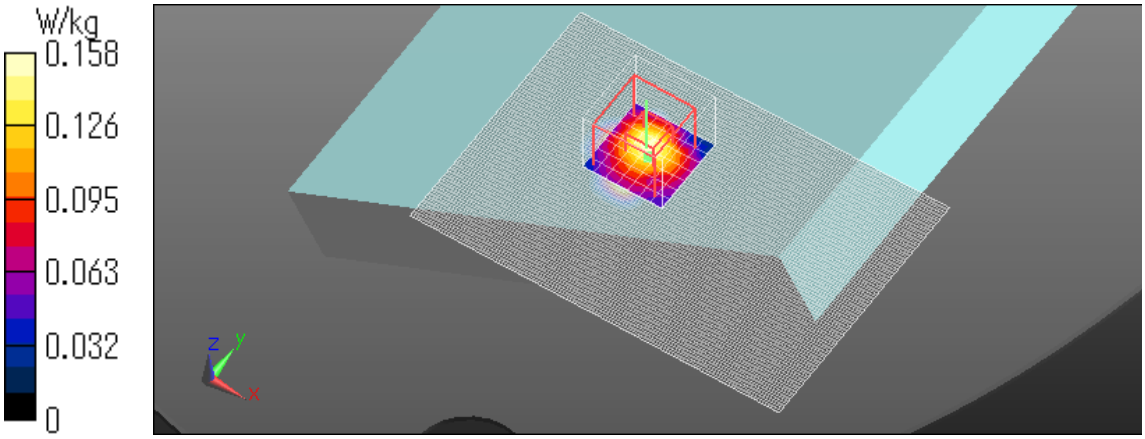


WLAN 5.5GHz Aux Edge 1 tilt 0mm 11ac 80M 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.113 S/m; ε_r = 46.042; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3922_20171115; ConvF(4.46, 4.46, 4.46); Calibrated: 2017/11/15;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372_2018-06-19; Calibrated: 2018/06/19
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WLAN 5.6GHz Aux/Edge 1 tilt 0mm/Area Scan (131x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.363 W/kg

WLAN 5.6GHz Aux/Edge 1 tilt 0mm/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.513 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.158 W/kg

Date: 2018/09/21
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



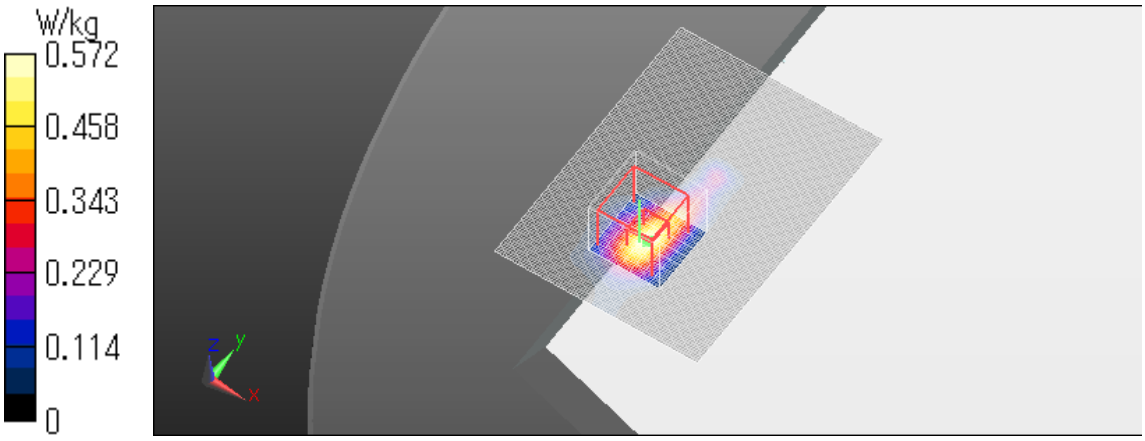
WLAN 5.8GHz Main Edge 3 tilt 0mm 11n 40M 5795MHz

Communication System: UID 0, WLAN (0); Communication System Band: 11n40/ac40; Frequency: 5795 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5795 MHz; σ = 6.255 S/m; ε_r = 46.569; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3922_20171115; ConvF(4.46, 4.46, 4.46); Calibrated: 2017/11/15;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372_2018-06-19; Calibrated: 2018/06/19
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WLAN 5.8GHz Main/Edge 3 tilt 0mm/Area Scan (81x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.599 W/kg

WLAN 5.8GHz Main/Edge 3 tilt 0mm/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.02 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.572 W/kg

Date: 2018/09/26
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



WLAN 5.8GHz Aux Edge 1 tilt 0mm 11n 40M 5795MHz

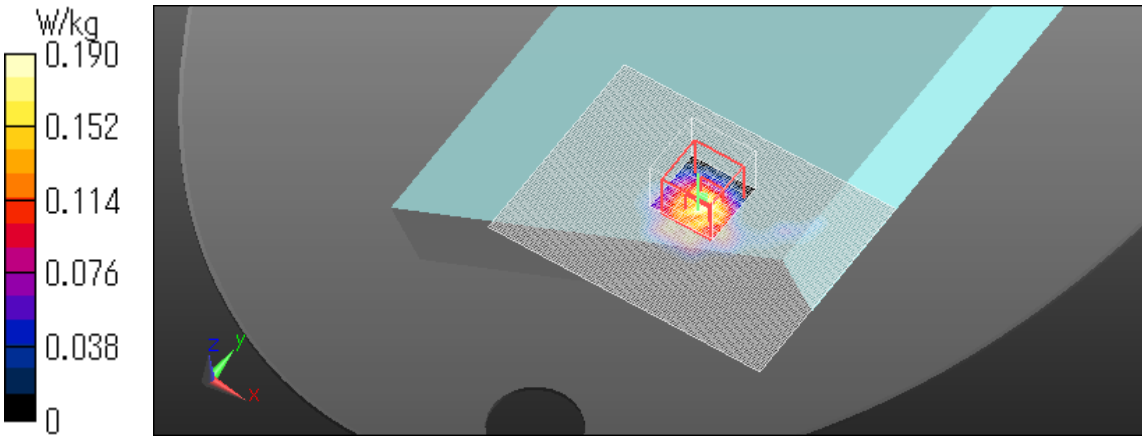
Communication System: UID 0, WLAN (0); Communication System Band: 11n40/ac40; Frequency: 5795 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5795 MHz; σ = 6.255 S/m; ε_r = 46.569; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3922_20171115; ConvF(4.46, 4.46, 4.46); Calibrated: 2017/11/15;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372_2018-06-19; Calibrated: 2018/06/19
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

WLAN 5.8GHz Aux/Edge 1 tilt 0mm/Area Scan (121x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.245 W/kg

WLAN 5.8GHz Aux/Edge 1 tilt 0mm/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.903 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.190 W/kg

Date: 2018/09/26
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Bluetooth Edge 1 tilt 0mm DH5 2441MHz

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.997 S/m; ε_r = 51.827; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3825_20171211; ConvF(7.77, 7.77, 7.77); Calibrated: 2017/12/11;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509_20180711; Calibrated: 2018/07/11
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Bluetooth/Edge 1 tilt 0mm/Area Scan 2 3 2 (121x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.188 W/kg

Bluetooth/Edge 1 tilt 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0660 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0602 W/kg
Date: 2018/09/19
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.