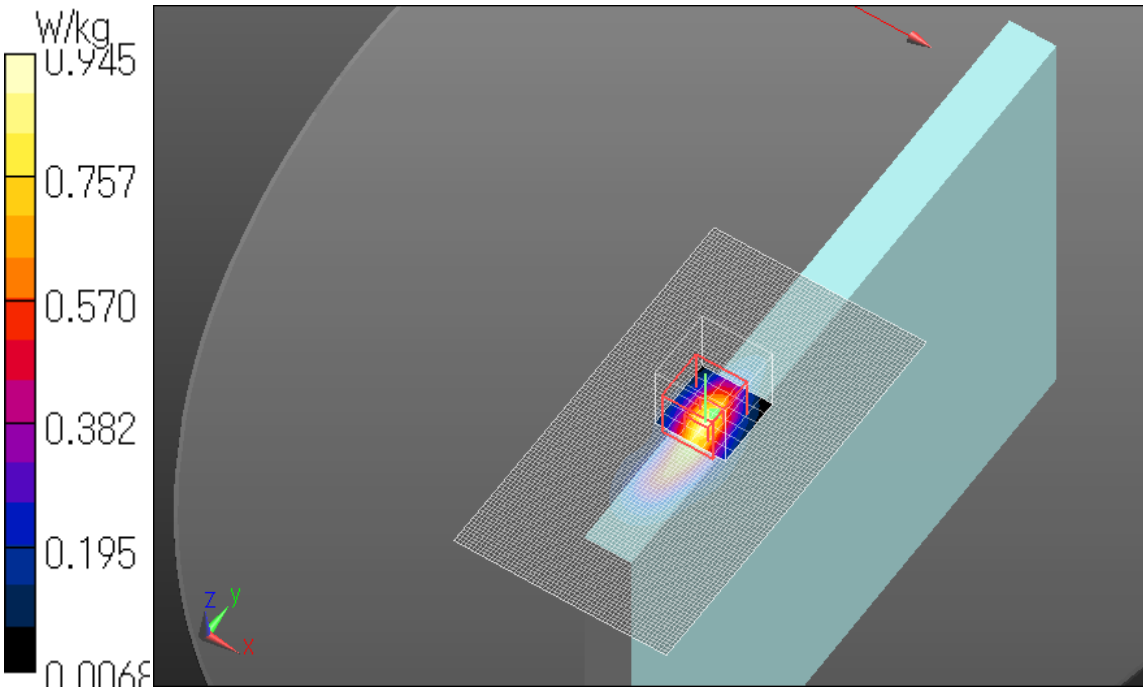
17.2 SAR test plots for WCDMA Band 2

WCDMA Band2 Edge1 0mm RMC12.2k 1852.4MHz power reduction
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 = 1.496 S/m; ε_r = 53.324; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN7372; ConvF(7.63, 7.63, 7.63); Calibrated: 2017/04/20;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.951 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.77 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.945 W/kg

Date: 2017/10/24
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



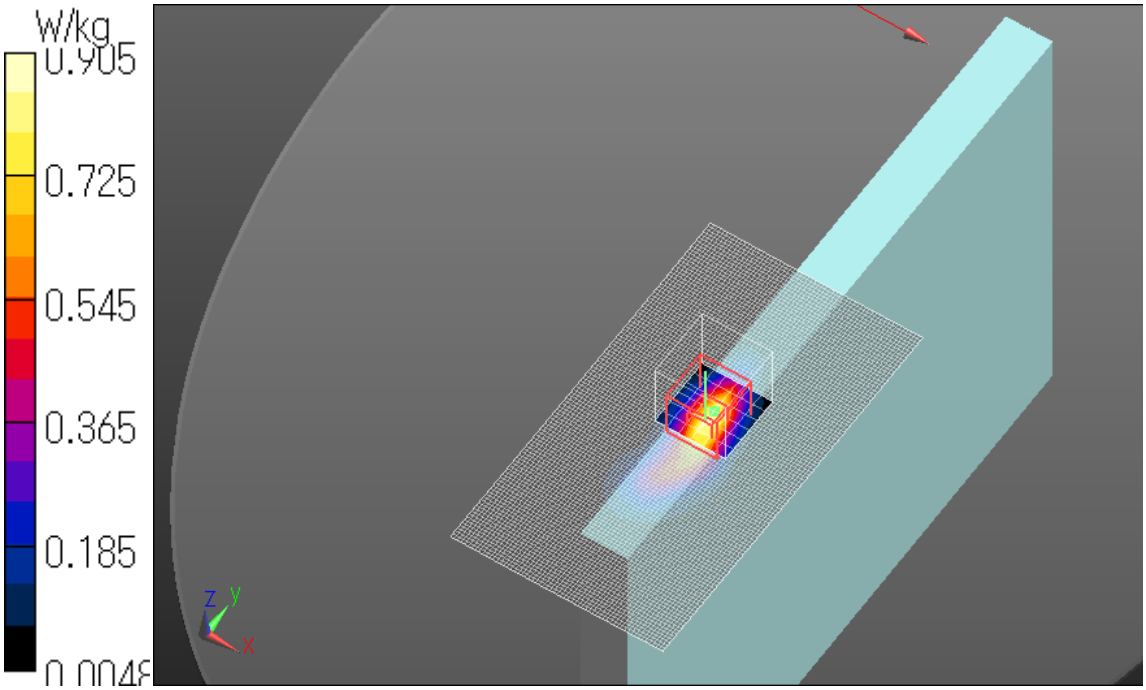
Plot No. 1

WCDMA Band2 Edge1 convertible 0mm RMC12.2k 1852.4MHz power reduction
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 = 1.496 S/m; ε_r = 53.324; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN7372; ConvF(7.63, 7.63, 7.63); Calibrated: 2017/04/20;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.933 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.58 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.905 W/kg

Date: 2017/10/24
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

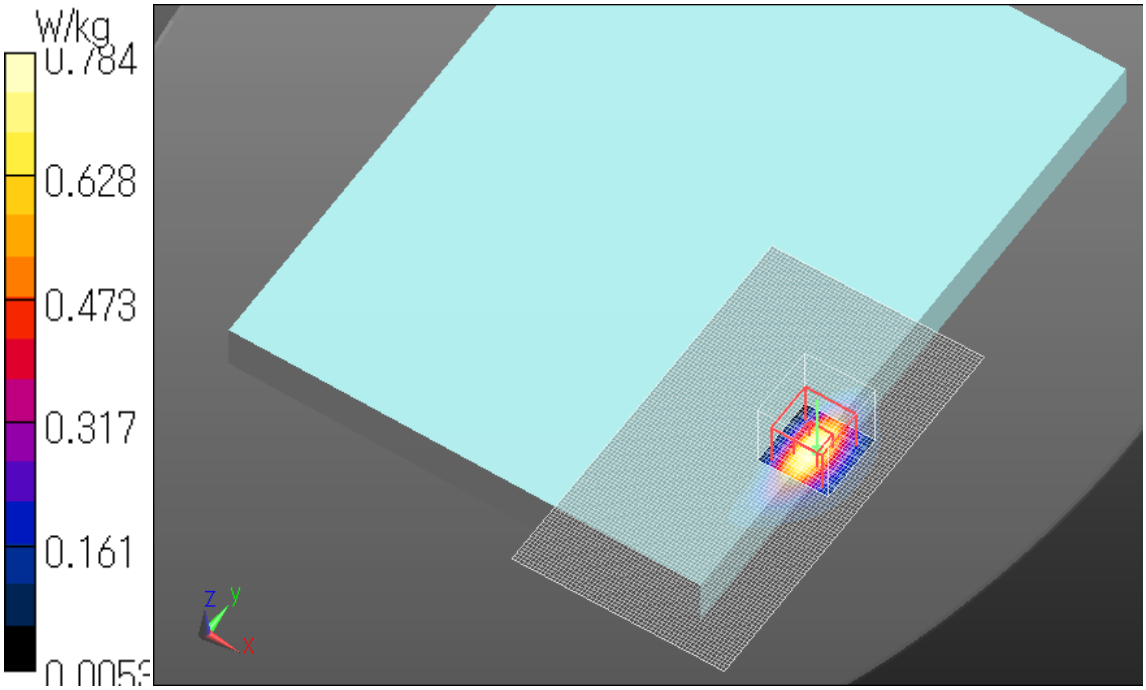


WCDMA Band2 Rear 0mm RMC12.2k 1852.4MHz power reduction
Communication System: UID 0, WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.496 S/m; ε_r = 53.324; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN7372; ConvF(7.63, 7.63, 7.63); Calibrated: 2017/04/20;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.942 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.98 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.784 W/kg

Date: 2017/10/24
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

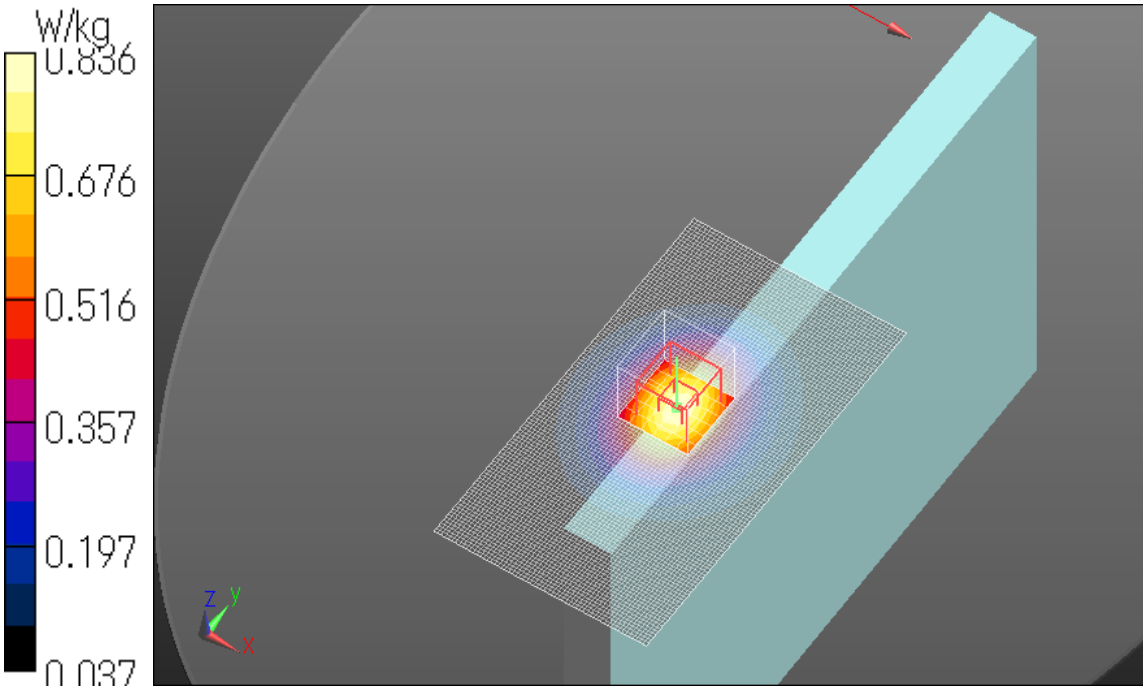


WCDMA Band2 Edge1 24mm RMC12.2k 1852.4MHz
Communication System: UID 0, WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.496 S/m; ε_r = 53.324; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN7372; ConvF(7.63, 7.63, 7.63); Calibrated: 2017/04/20;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.848 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.74 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.986 W/kg
SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 0.836 W/kg

Date: 2017/10/24
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

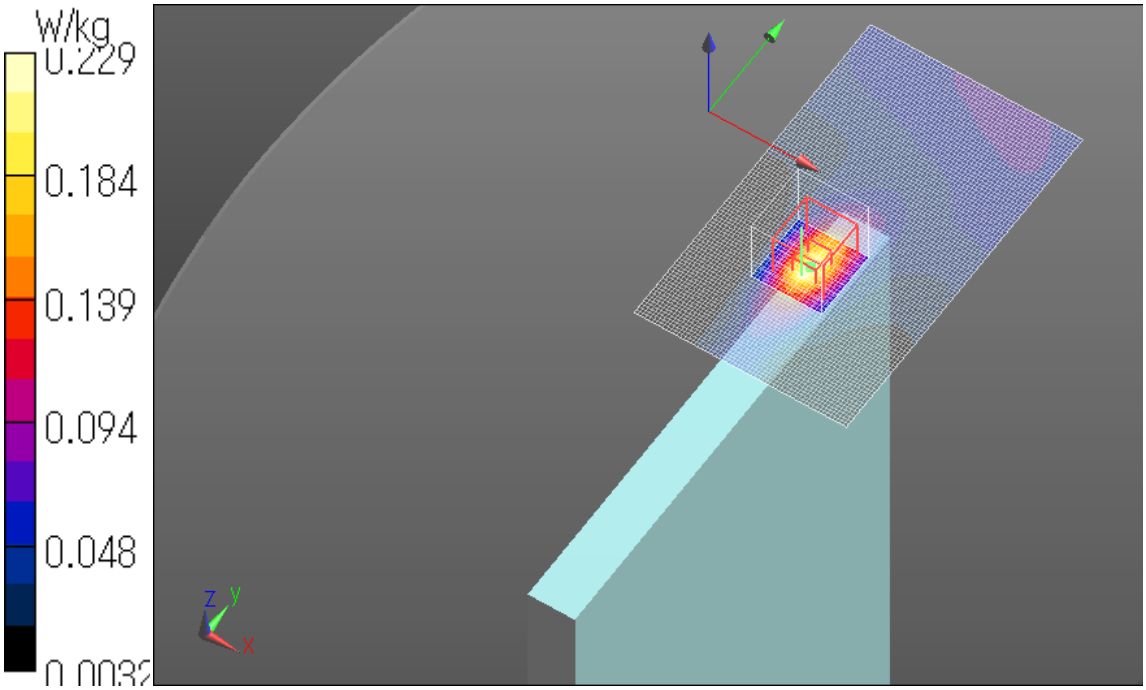


WCDMA Band2 Edge4 0mm RMC12.2k 1852.4MHz
Communication System: UID 0, WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.496 S/m; ε_r = 53.324; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN7372; ConvF(7.63, 7.63, 7.63); Calibrated: 2017/04/20;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
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) = 0.220 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.44 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 0.229 W/kg

Date: 2017/10/24
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



WCDMA Band2 Rear 19mm RMC12.2k 1852.4MHz
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 = 1.496 S/m; ε_r = 53.324; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN7372; ConvF(7.63, 7.63, 7.63); Calibrated: 2017/04/20;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.710 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.53 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.838 W/kg
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.336 W/kg
Maximum value of SAR (measured) = 0.708 W/kg

Date: 2017/10/24
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.