

WCDMA Band 2 RMC 12.2k 1852.4MHz Edge1 0mm 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; $\sigma = 1.49$ S/m; $\epsilon_r = 53.269$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASYS2, 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) = 1.52 W/kg

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

Reference Value = 34.77 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.473 W/kg

Maximum value of SAR (measured) = 1.53 W/kg

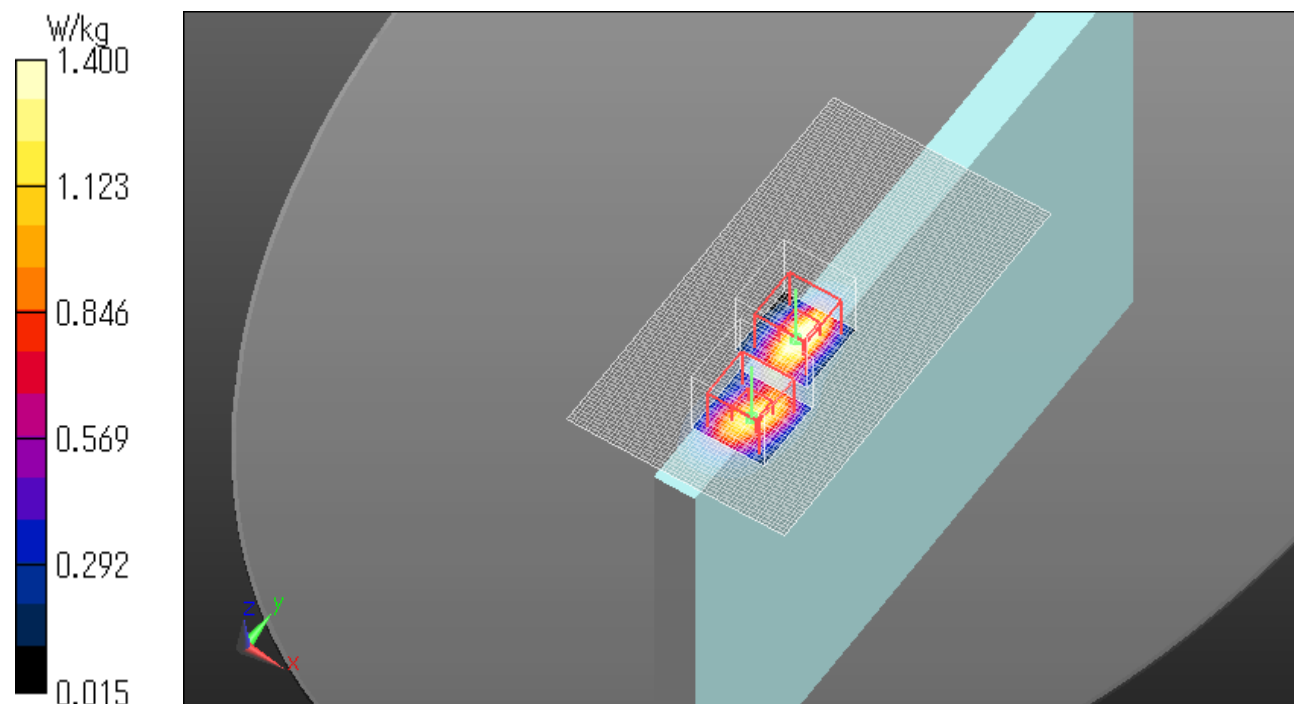
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.77 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.441 W/kg

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



Plot No.1

WCDMA Band 2 RMC 12.2k 1880MHz Edge1 0mm Power Reduction

Communication System: UID 0, WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.122$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

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) = 1.42 W/kg

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

Reference Value = 33.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.431 W/kg

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

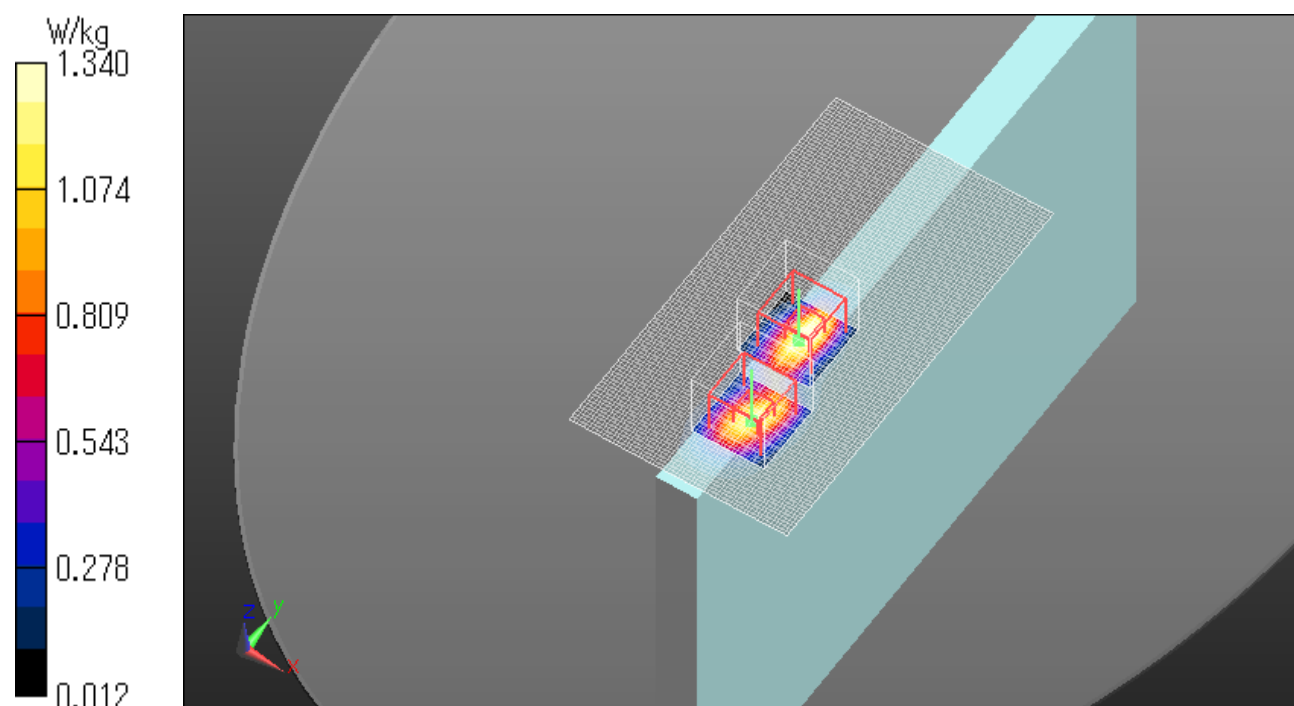
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 33.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.425 W/kg

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



WCDMA Band 2 RMC 12.2k 1907.6MHz Edge1 0mm Power Reduction

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; $\sigma = 1.552$ S/m; $\epsilon_r = 53.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

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) = 1.35 W/kg

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

Reference Value = 32.05 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.409 W/kg

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

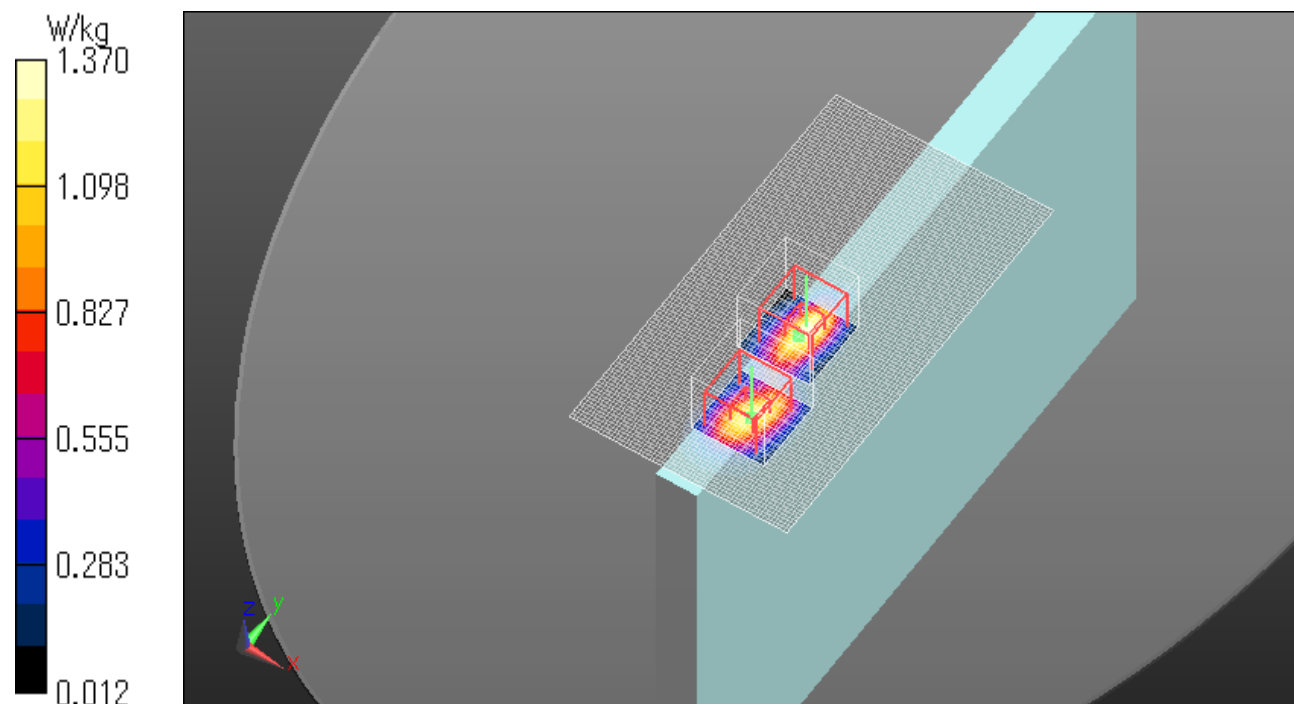
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.05 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.431 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



Plot No.3

WCDMA Band 2 RMC 12.2k 1852.4MHz Bottom side 0mm 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; $\sigma = 1.49$ S/m; $\epsilon_r = 53.269$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.59 W/kg

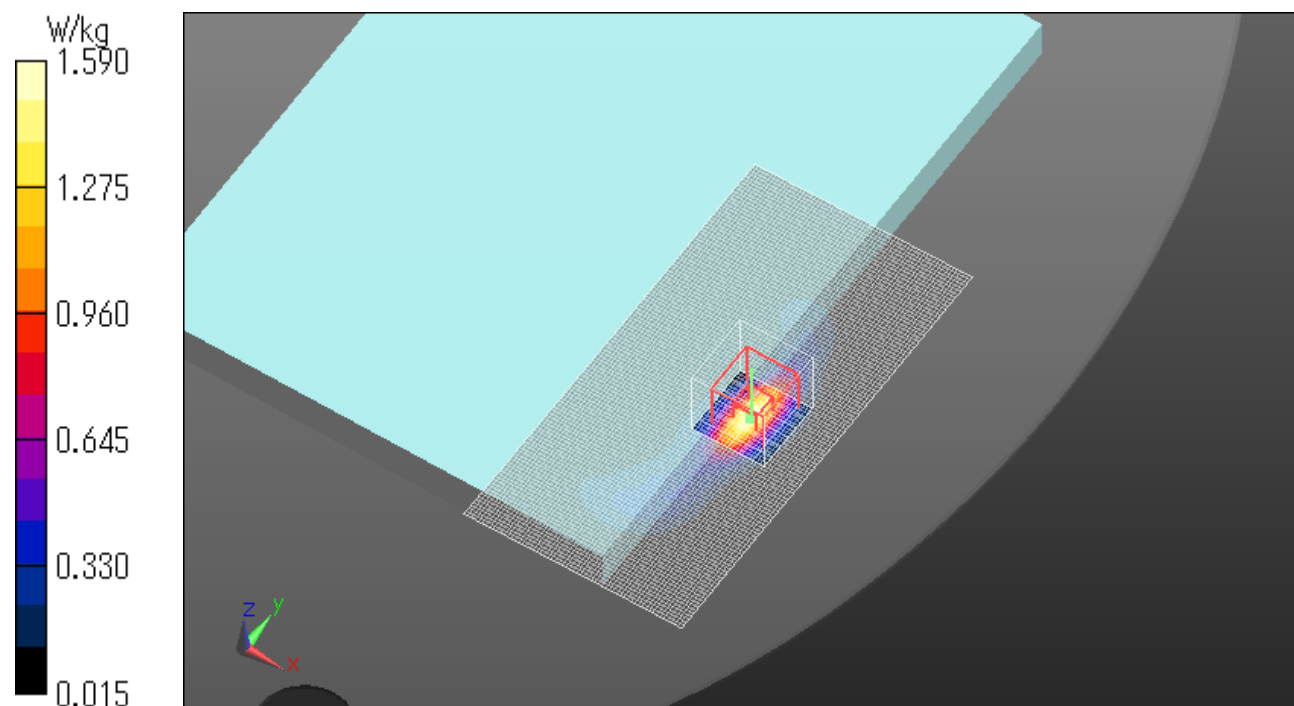
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 35.48 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



Plot No.4

WCDMA Band 2 RMC 12.2k 1880MHz Bottom side 0mm Power Reduction

Communication System: UID 0, WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.122$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.54 W/kg

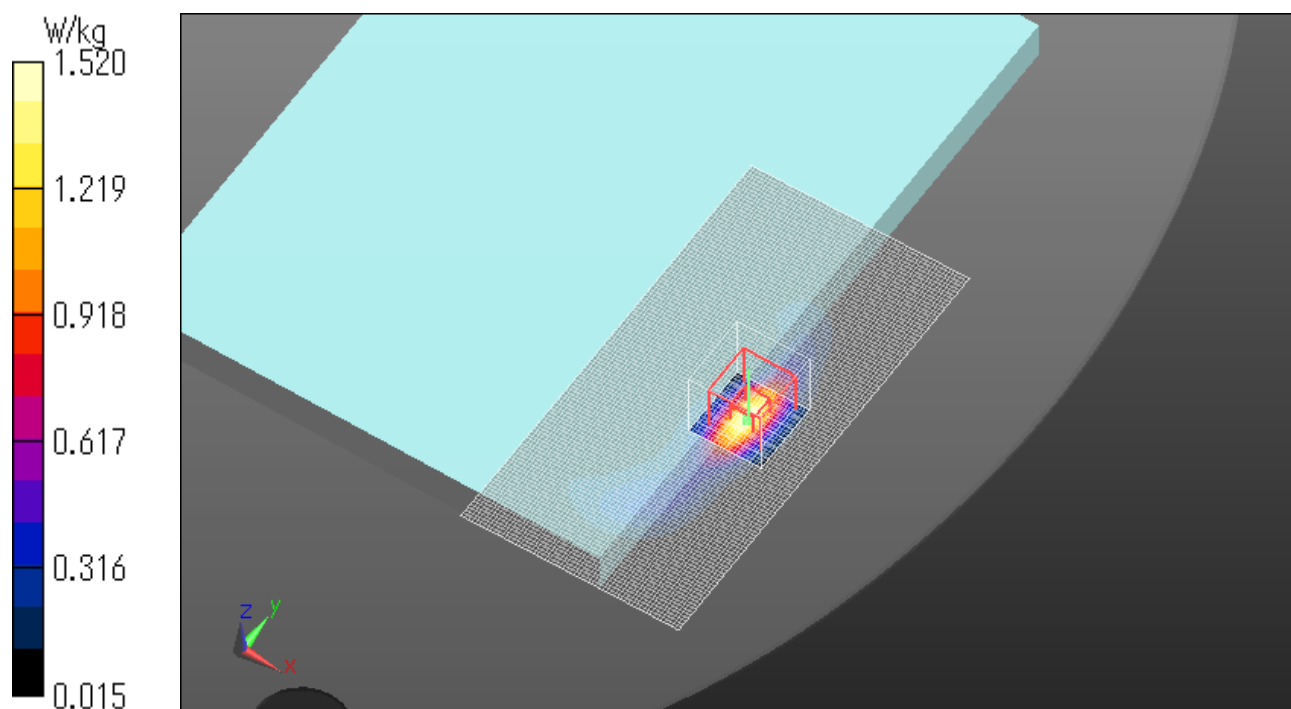
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.17 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.509 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



WCDMA Band 2 RMC 12.2k 1907.6MHz Bottom side 0mm Power Reduction

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; $\sigma = 1.552$ S/m; $\epsilon_r = 53.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.55 W/kg

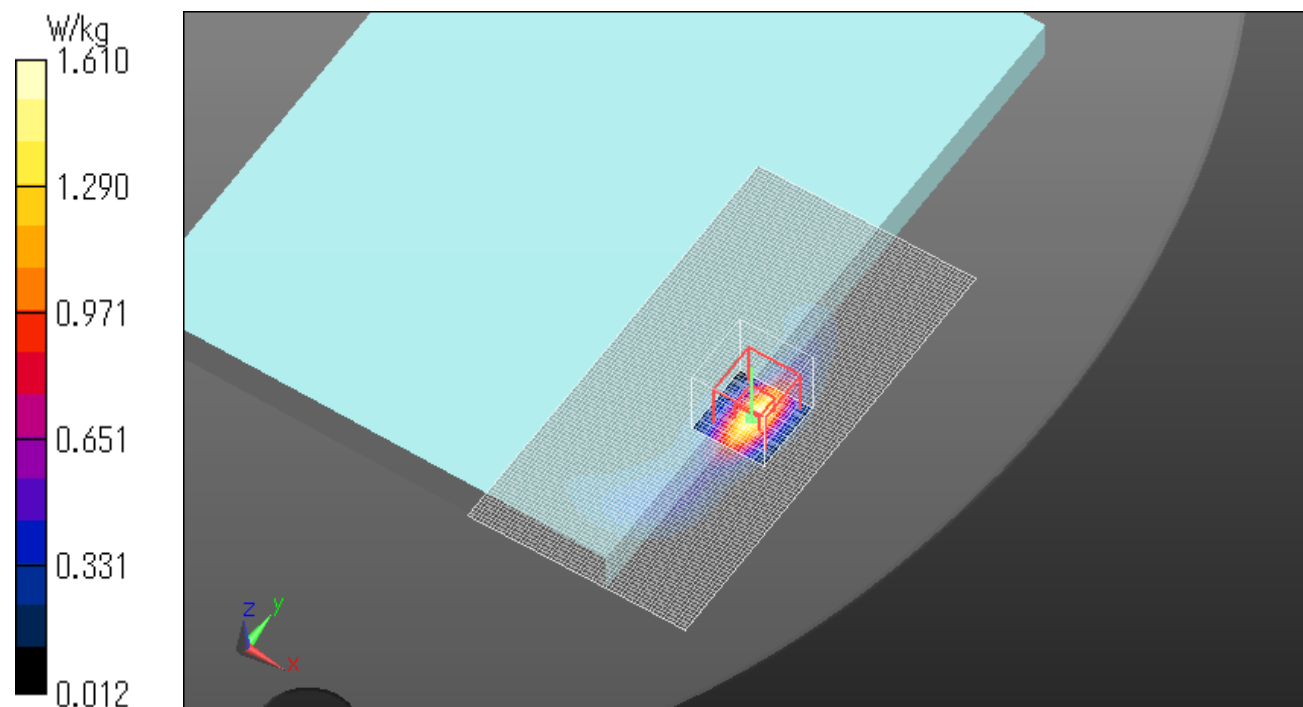
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.82 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.508 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



Plot No.6

WCDMA Band2 RMC 12.2k 1852.4MHz Edge1 23mm

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; $\sigma = 1.552$ S/m; $\epsilon_r = 53.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

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) = 0.581 W/kg

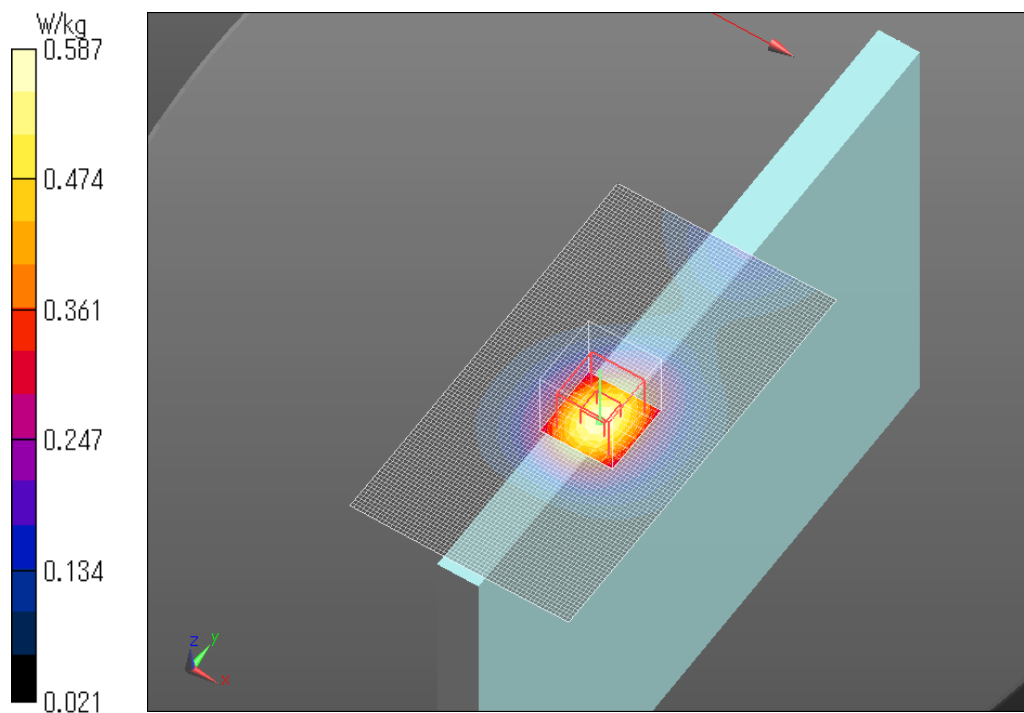
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.04 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.587 W/kg



WCDMA Band 2 RMC 12.2k 1907.6MHz Edge4 0mm

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; $\sigma = 1.552$ S/m; $\epsilon_r = 53.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0563 W/kg

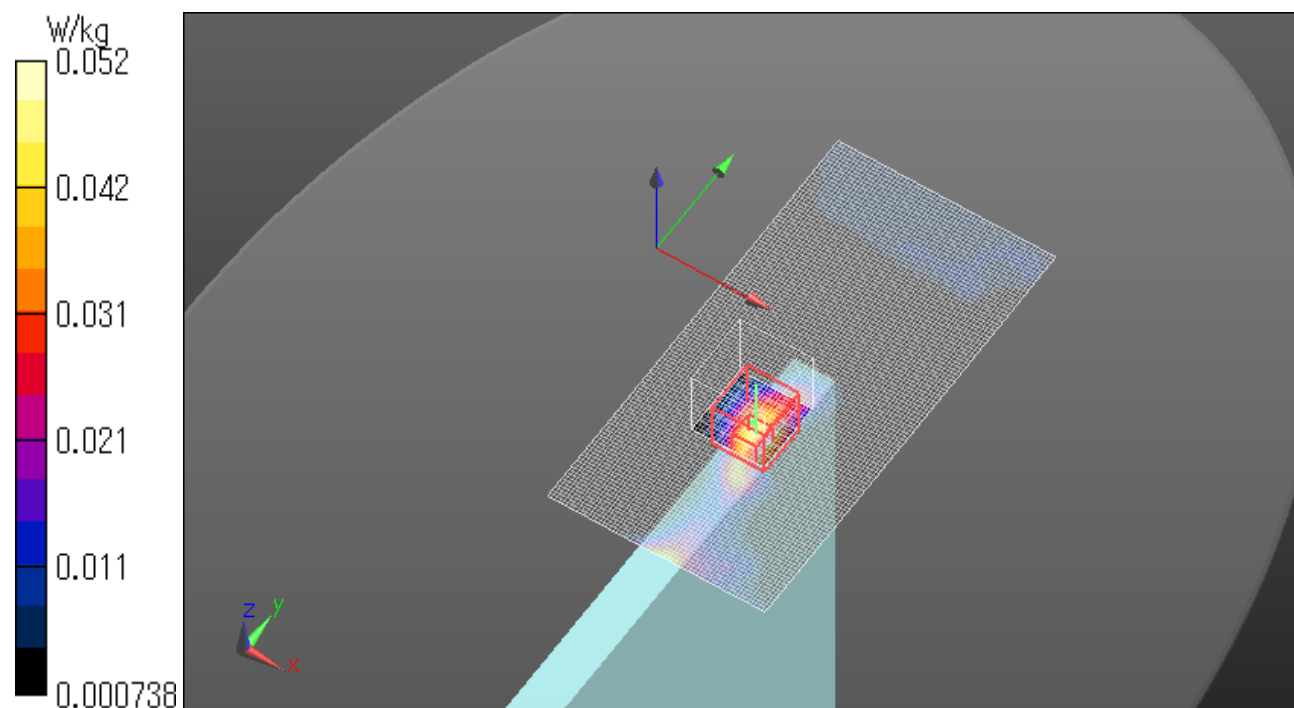
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.746 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0520 W/kg



WCDMA Band 2 RMC 12.2k 1907.6MHz Bottom side 17mm

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; $\sigma = 1.552$ S/m; $\epsilon_r = 53.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.431 W/kg

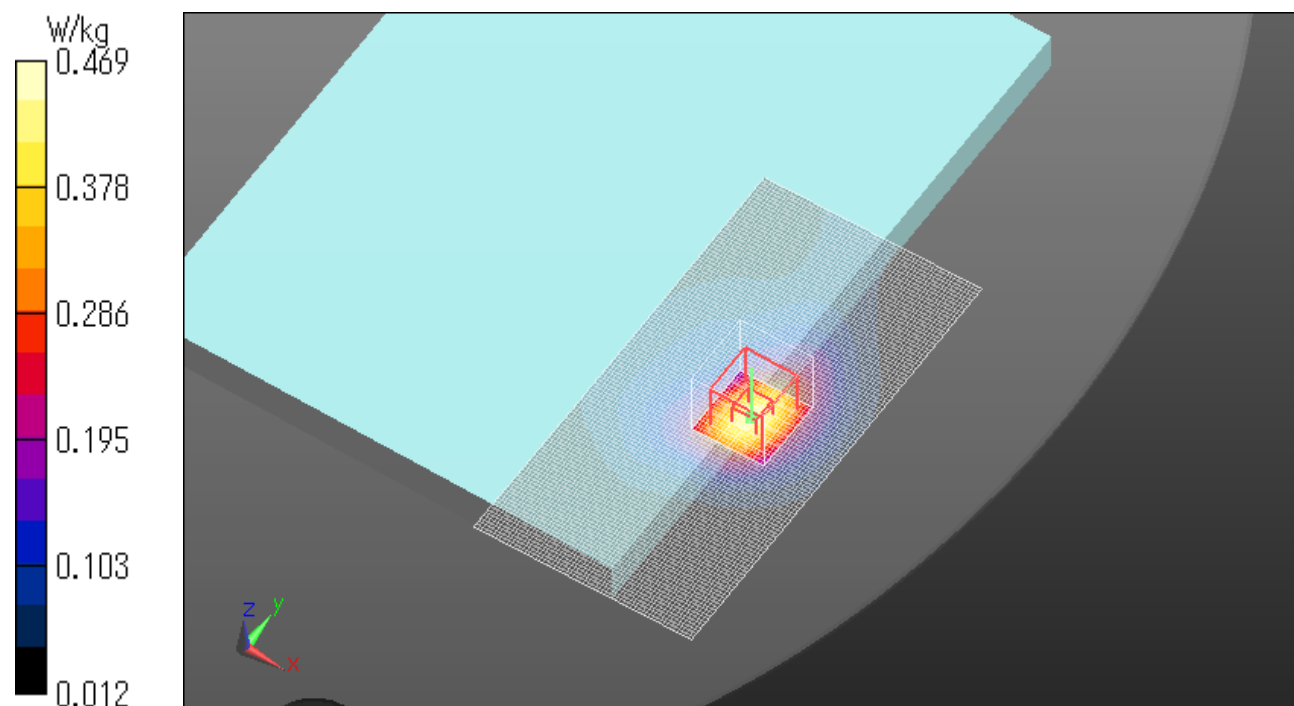
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.12 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.469 W/kg



WCDMA Band2 RMC 12.2k 1907.6MHz Bottom side Convertible mode 0mm

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; $\sigma = 1.552$ S/m; $\epsilon_r = 53.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.62, 7.62, 7.62); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2015/07/07

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.260 W/kg

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

Reference Value = 14.15 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.289 W/kg

