

### 15.5 SAR test plots for CDMA Band 0

#### CDMA BC0 RC3 SO32 824.7MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.44 W/kg

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

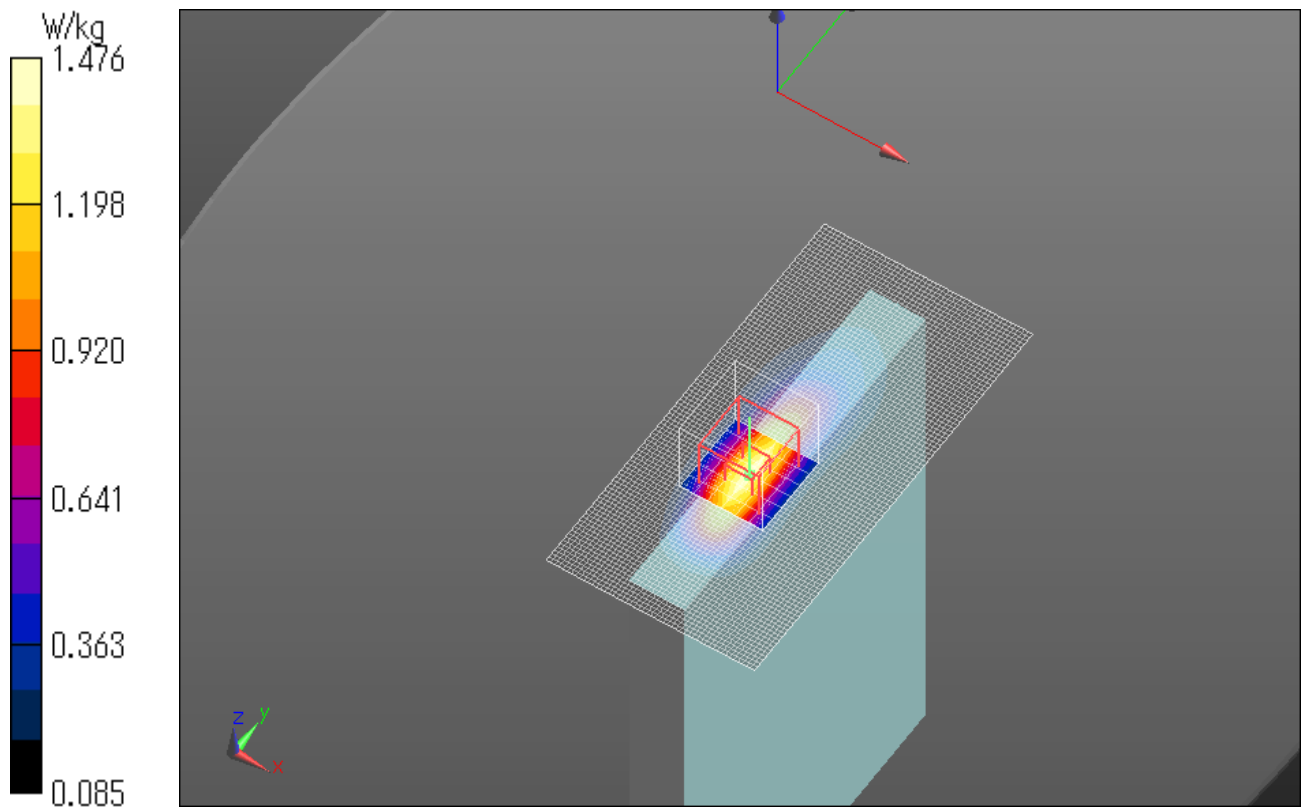
Reference Value = 42.33 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.623 W/kg**

Maximum value of SAR (measured) = 1.48 W/kg

Date: 2015/11/25



**CDMA BC0 RC3 SO32 836.5MHz Edge2 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.976$  S/m;  $\epsilon_r = 55.251$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** 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

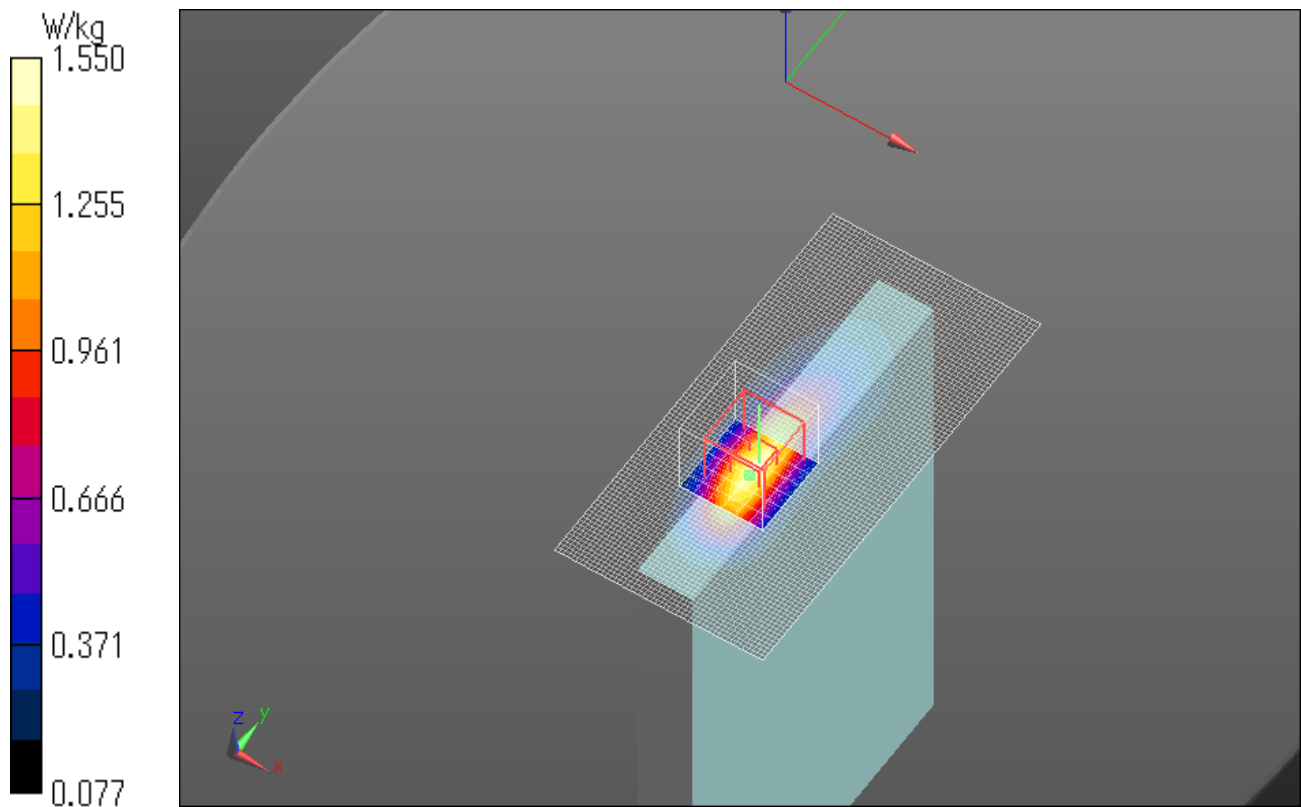
Reference Value = 43.19 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.651 W/kg**

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

Date: 2015/11/25



### CDMA BC0 RC3 SO32 848.3MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.3$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 55.125$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** 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=5mm, dy=5mm, dz=5mm

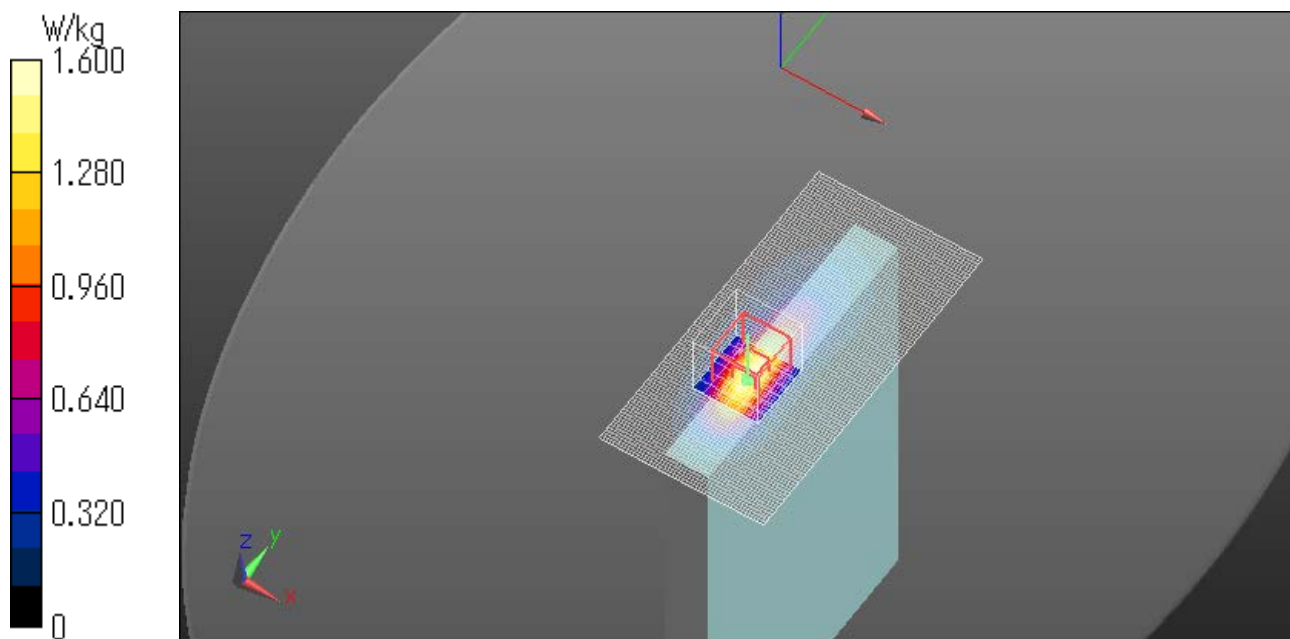
Reference Value = 43.24 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.651 W/kg**

Maximum value of SAR (measured) = 1.60 W/kg

Date: 2015/11/25



### CDMA BC0 RTAP 153.6k 824.7MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** 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=5mm, dy=5mm, dz=5mm

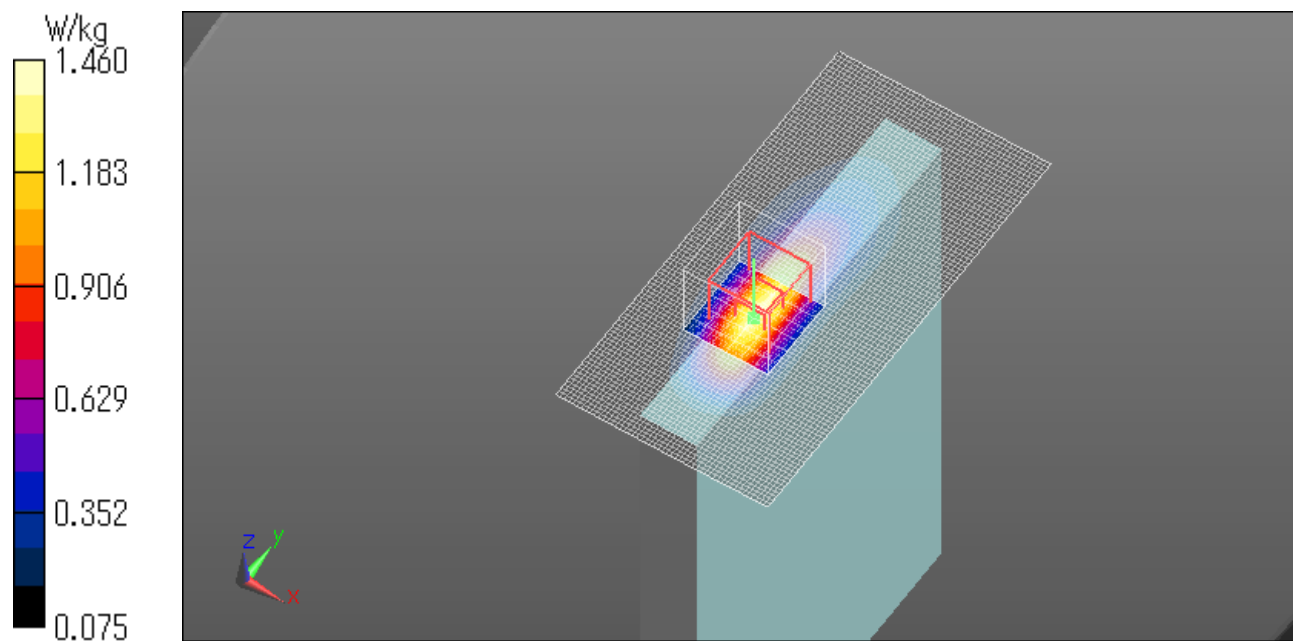
Reference Value = 41.88 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.616 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg

Date: 2015/11/25



### CDMA BC0 RTAP 153.6k 836.5MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.976$  S/m;  $\epsilon_r = 55.251$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.58 W/kg

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

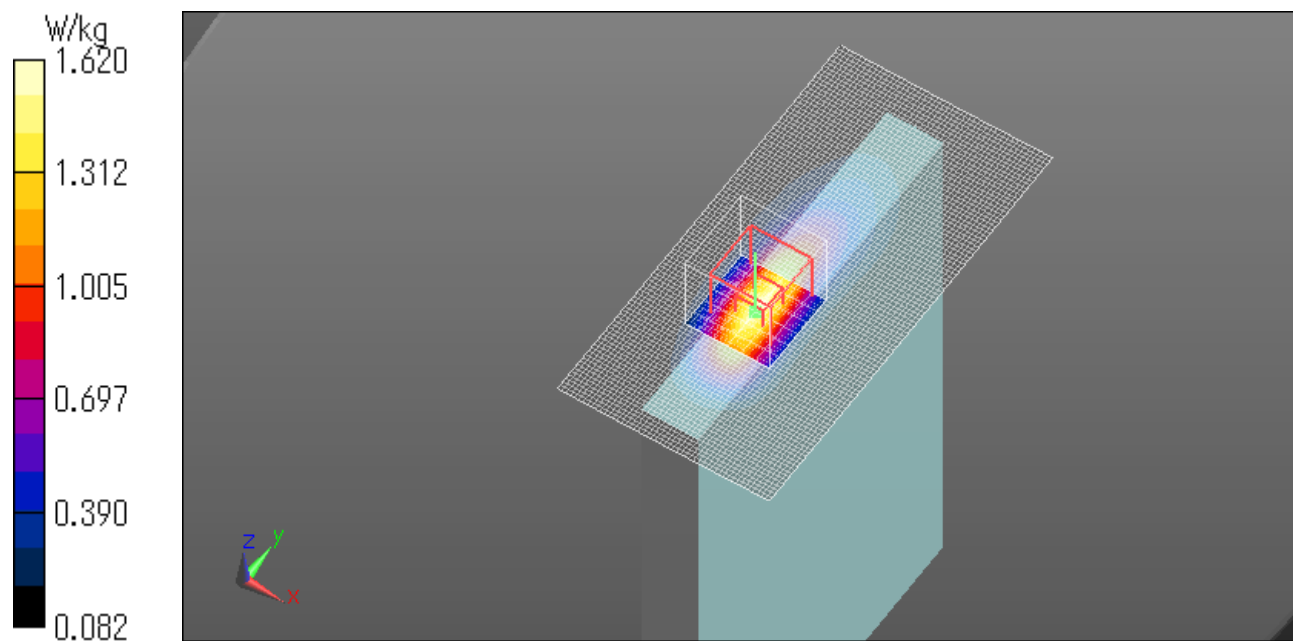
Reference Value = 43.84 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.677 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg

Date: 2015/11/25



**CDMA BC0 RTAP 153.6k 848.3MHz Edge2 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.3$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 55.125$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.58 W/kg

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

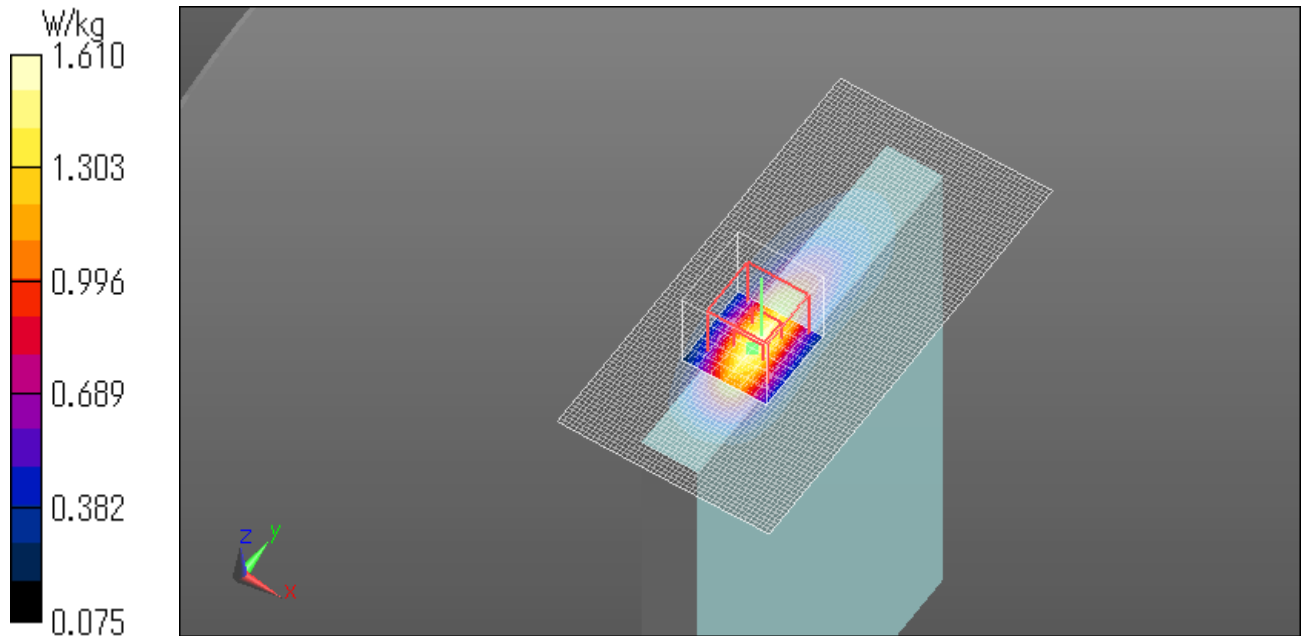
Reference Value = 43.35 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.658 W/kg**

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

Date: 2015/11/25



**CDMA BC0 RC3 SO32 824.7MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

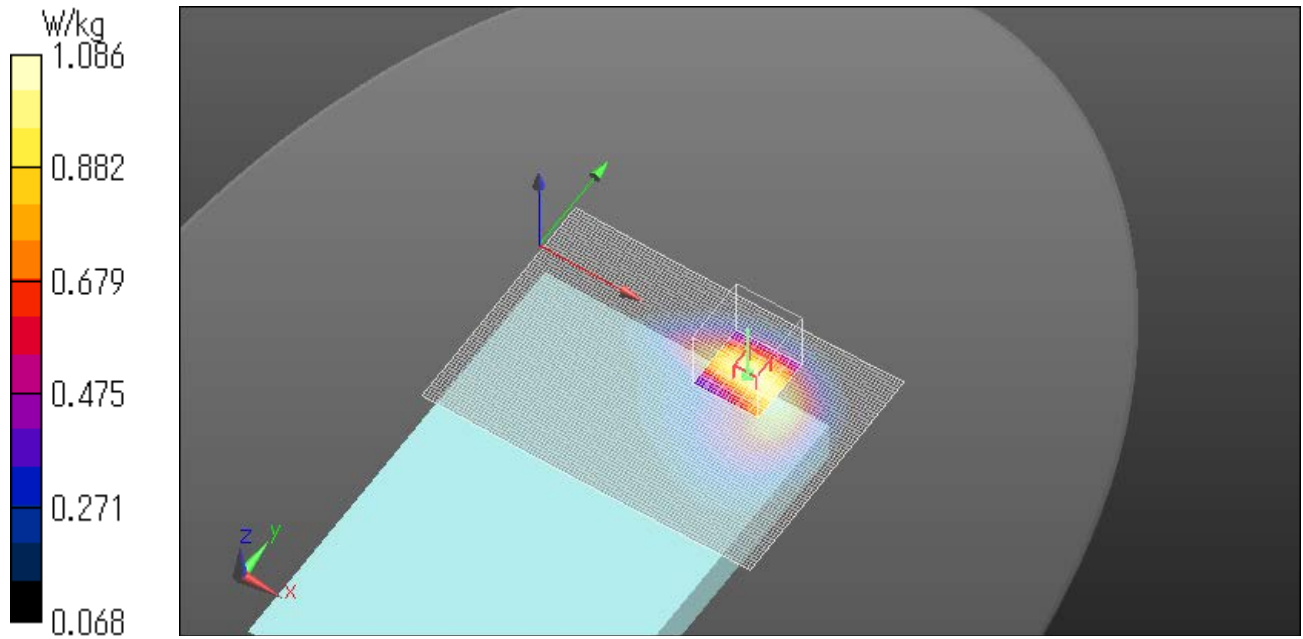
Reference Value = 36.13 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.811 W/kg**

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

Date: 2015/11/25



**CDMA BC0 RC3 SO32 836.5MHz Bottom 0mm Reduction**

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;  $\sigma = 0.976$  S/m;  $\epsilon_r = 55.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

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

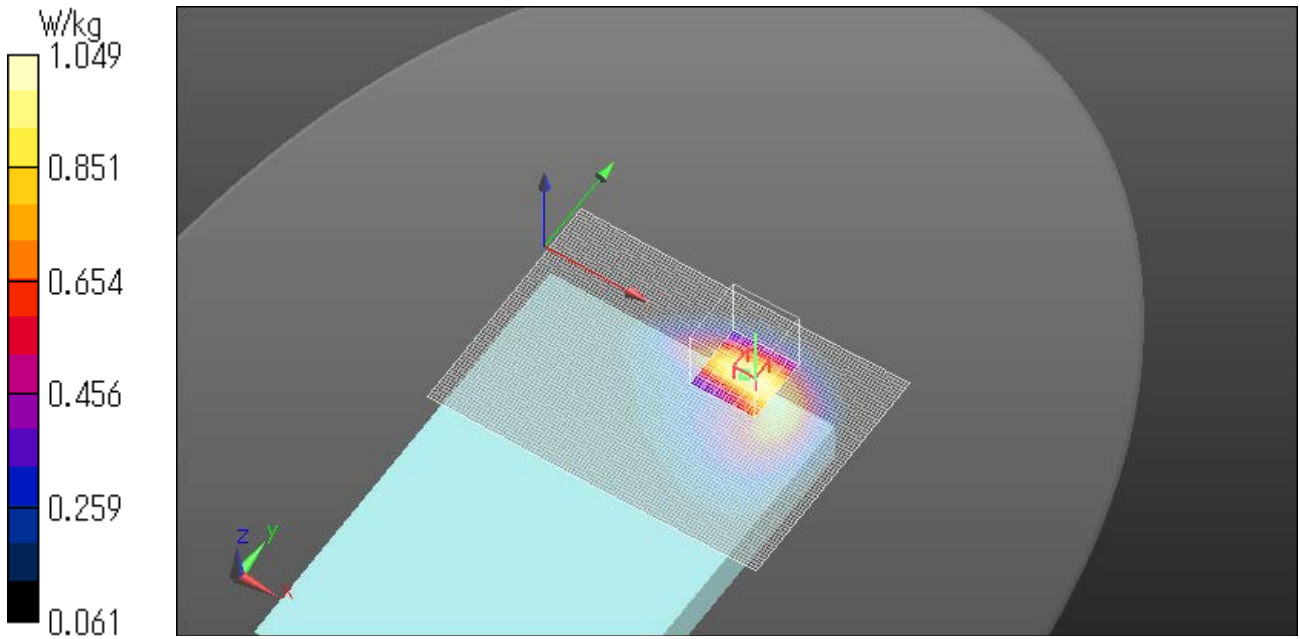
Reference Value = 35.26 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.781 W/kg**

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

Date: 2015/11/25



**CDMA BC0 RC3 SO32 848.3MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.3$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 55.125$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.02 W/kg

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

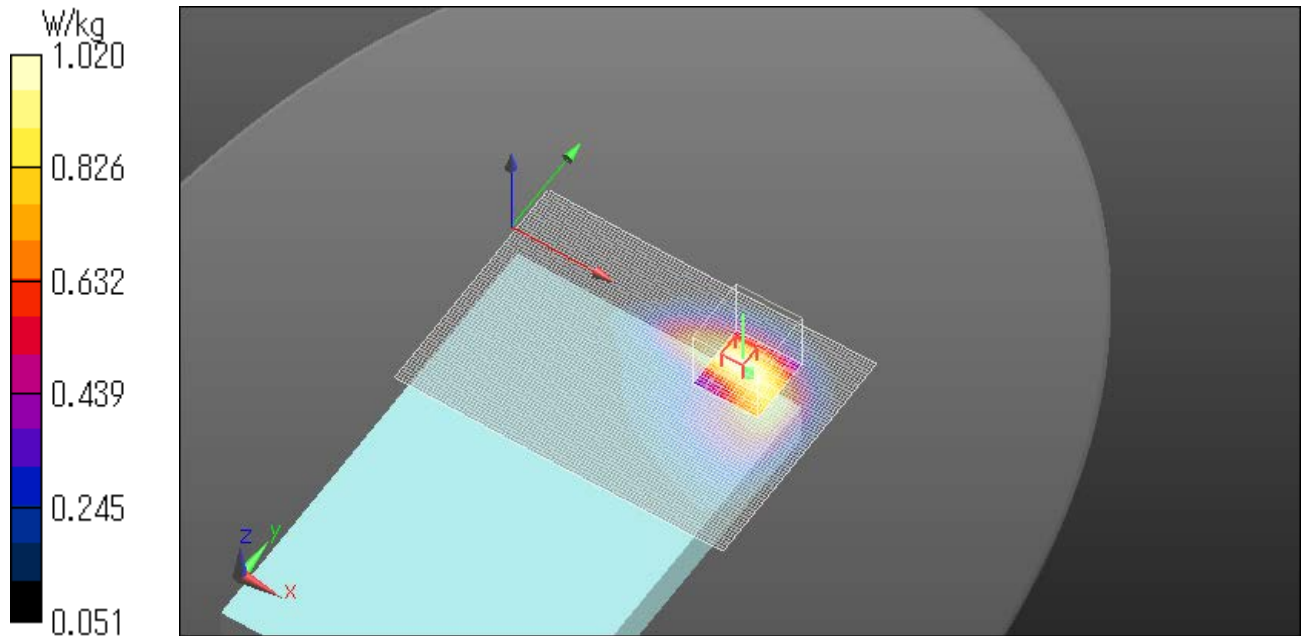
Reference Value = 34.15 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.781 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg

Date: 2015/11/25



**CDMA BC0 RTAP 153.6k 824.7MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

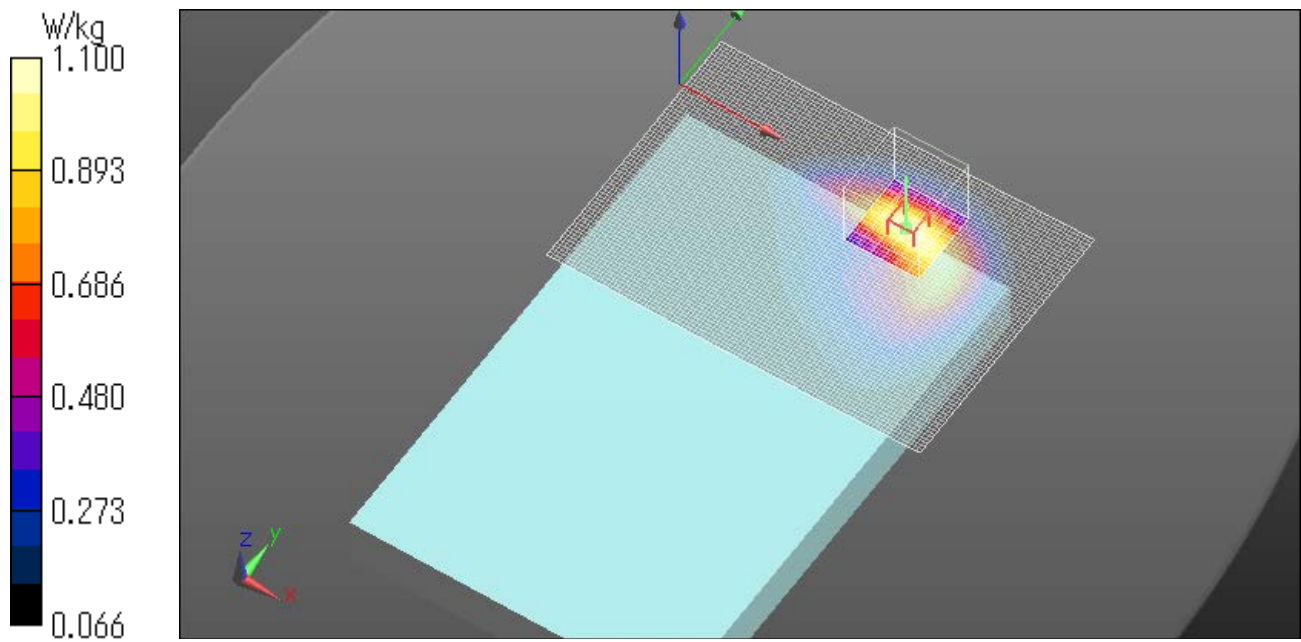
Reference Value = 36.50 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.820 W/kg**

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

Date: 2015/11/25



**CDMA BC0 RTAP 153.6k 836.5MHz Bottom 0mm Reduction**

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;  $\sigma = 0.976$  S/m;  $\epsilon_r = 55.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.02 W/kg

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

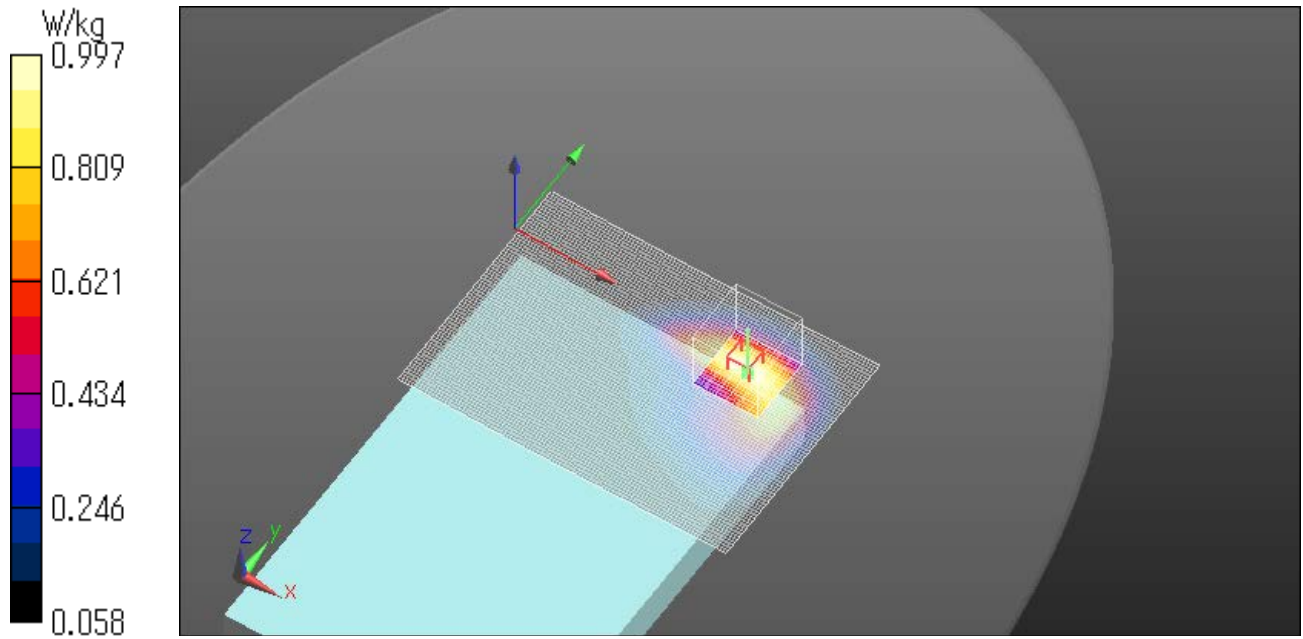
Reference Value = 34.75 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.773 W/kg**

Maximum value of SAR (measured) = 0.997 W/kg

Date: 2015/11/25



**CDMA BC0 RTAP 153.6k 848.3MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.3$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 55.125$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.958 W/kg

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

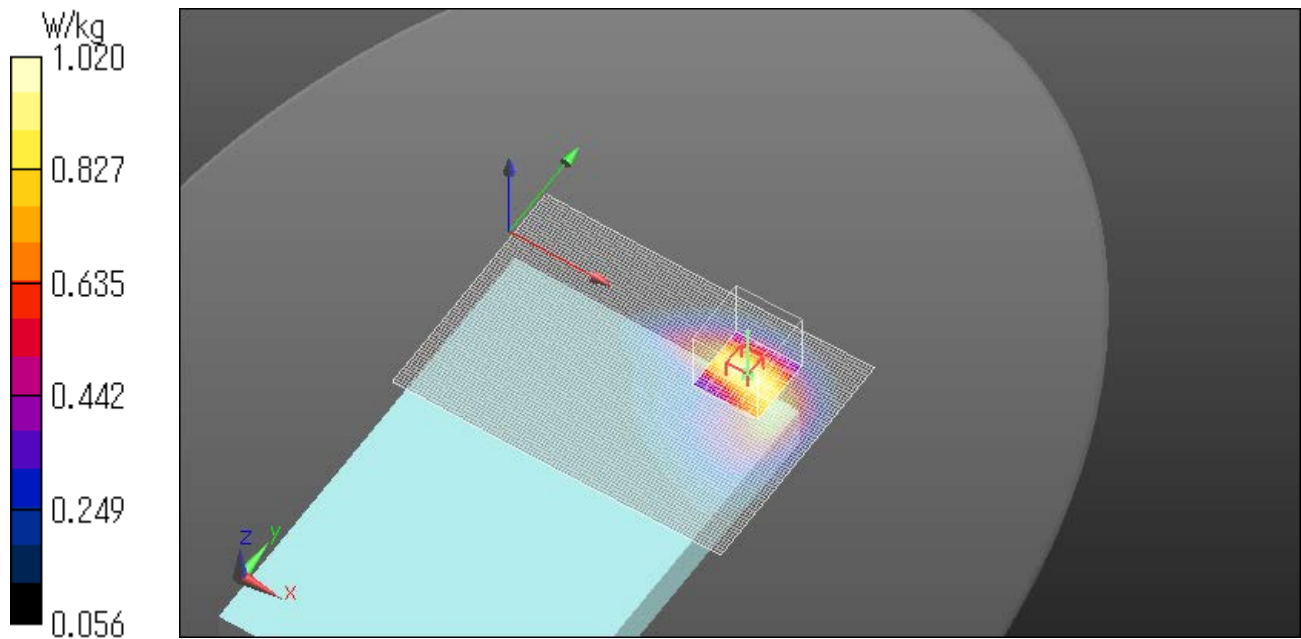
Reference Value = 34.11 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.760 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg

Date: 2015/11/25



**CDMA BC0 RC3 SO32 836.5MHz Edge1 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.744 W/kg

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

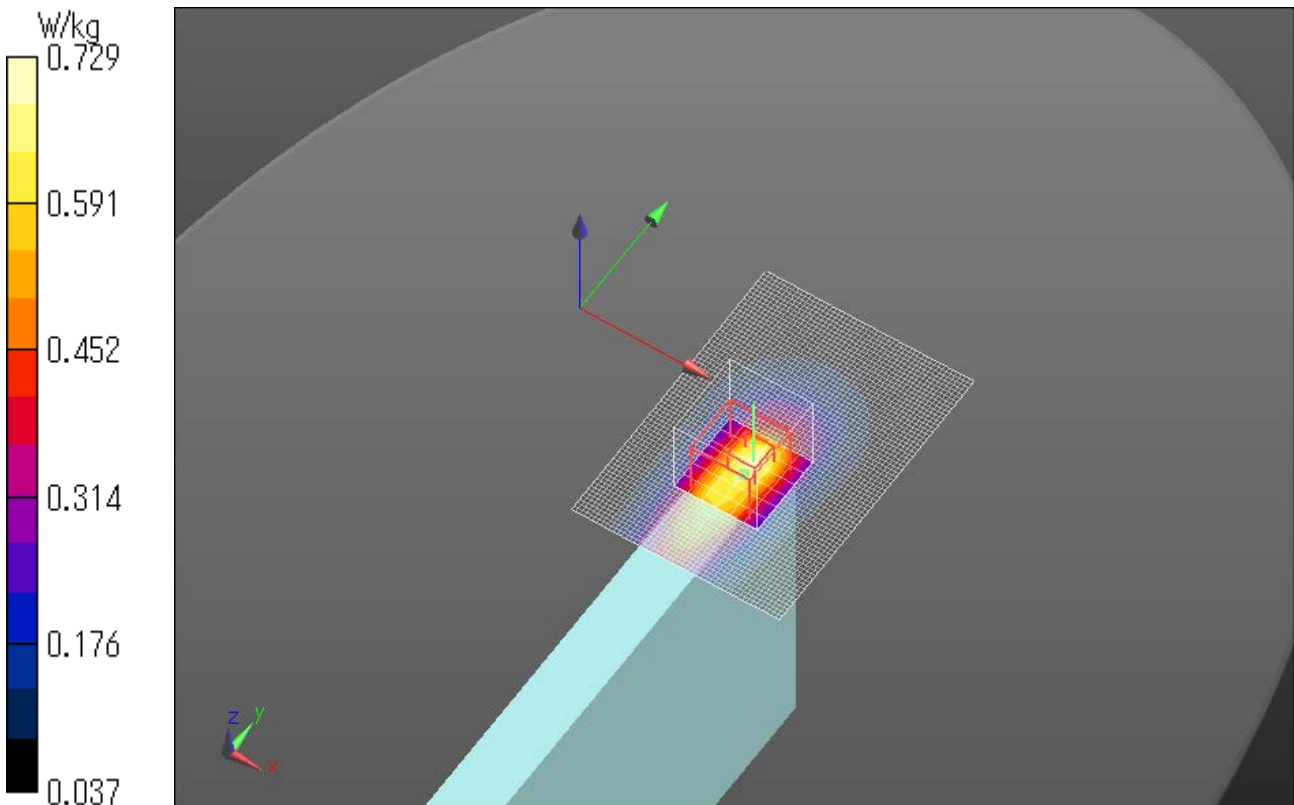
Reference Value = 29.14 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.909 W/kg

**SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.312 W/kg**

Maximum value of SAR (measured) = 0.729 W/kg

Date: 2015/11/19



**CDMA BC0 RTAP 153.6k 836.5MHz Edge1 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.717 W/kg

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

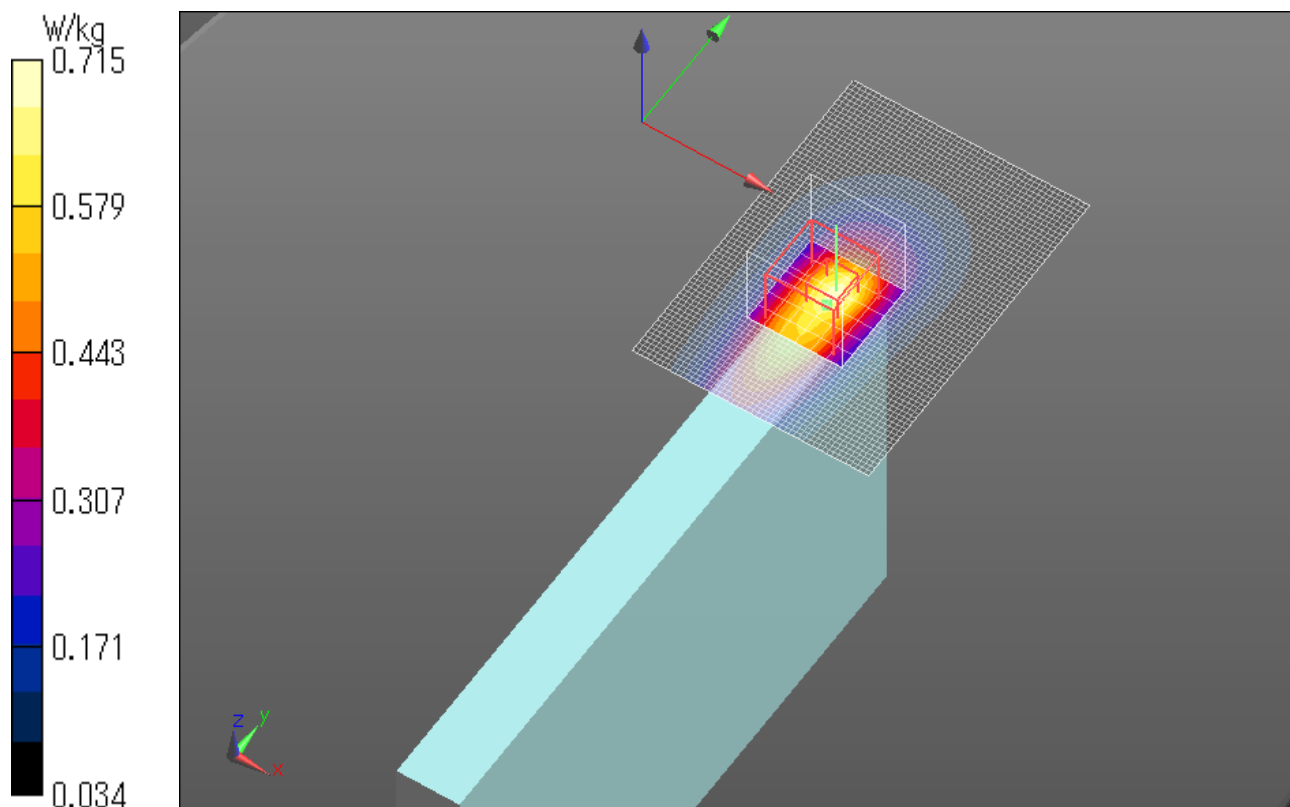
Reference Value = 29.72 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.911 W/kg

**SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.299 W/kg**

Maximum value of SAR (measured) = 0.715 W/kg

Date: 2015/11/19



**CDMA BC0 RC3 SO32 836.5MHz Edge2 23mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.229$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.343 W/kg

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

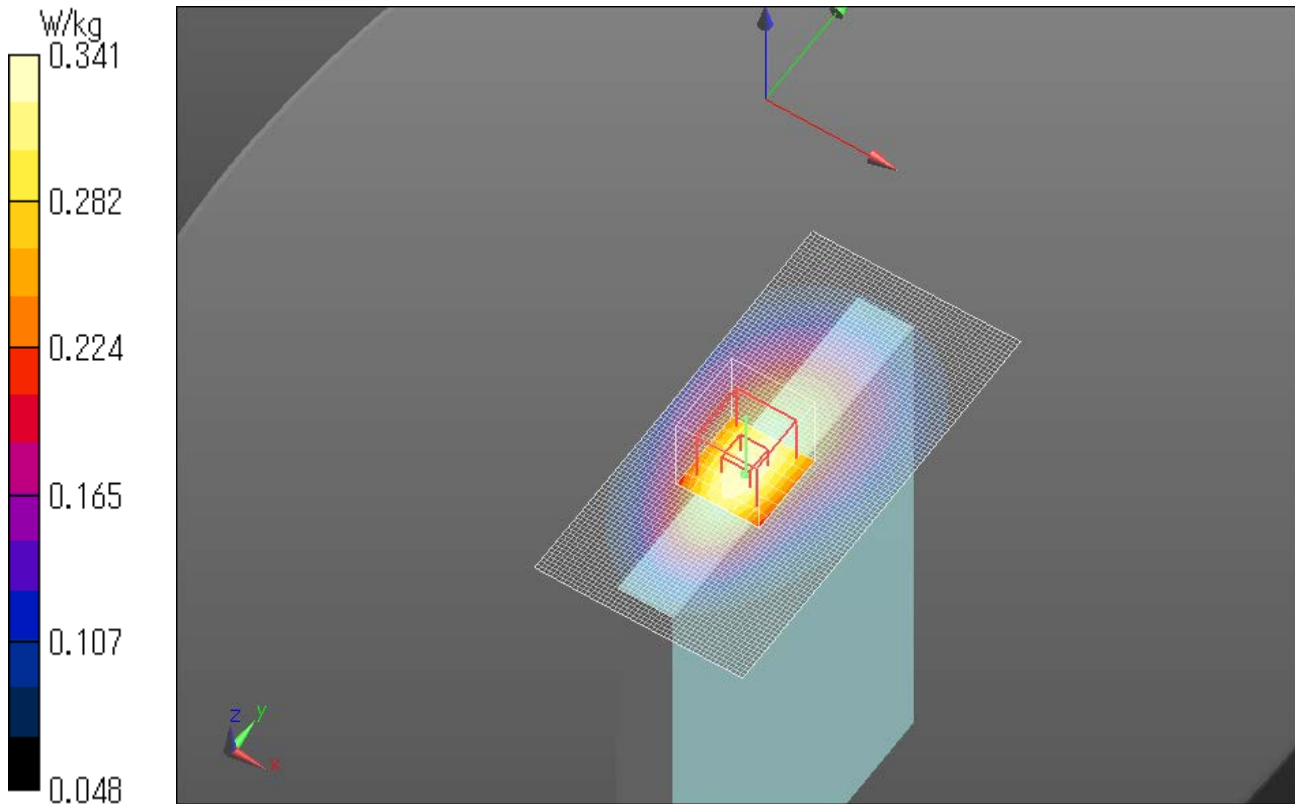
Reference Value = 20.26 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.378 W/kg

**SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.341 W/kg

Date: 2015/11/19



**CDMA BC0 RTAP 153.6k 836.5MHz Edge2 23mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.331 W/kg

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

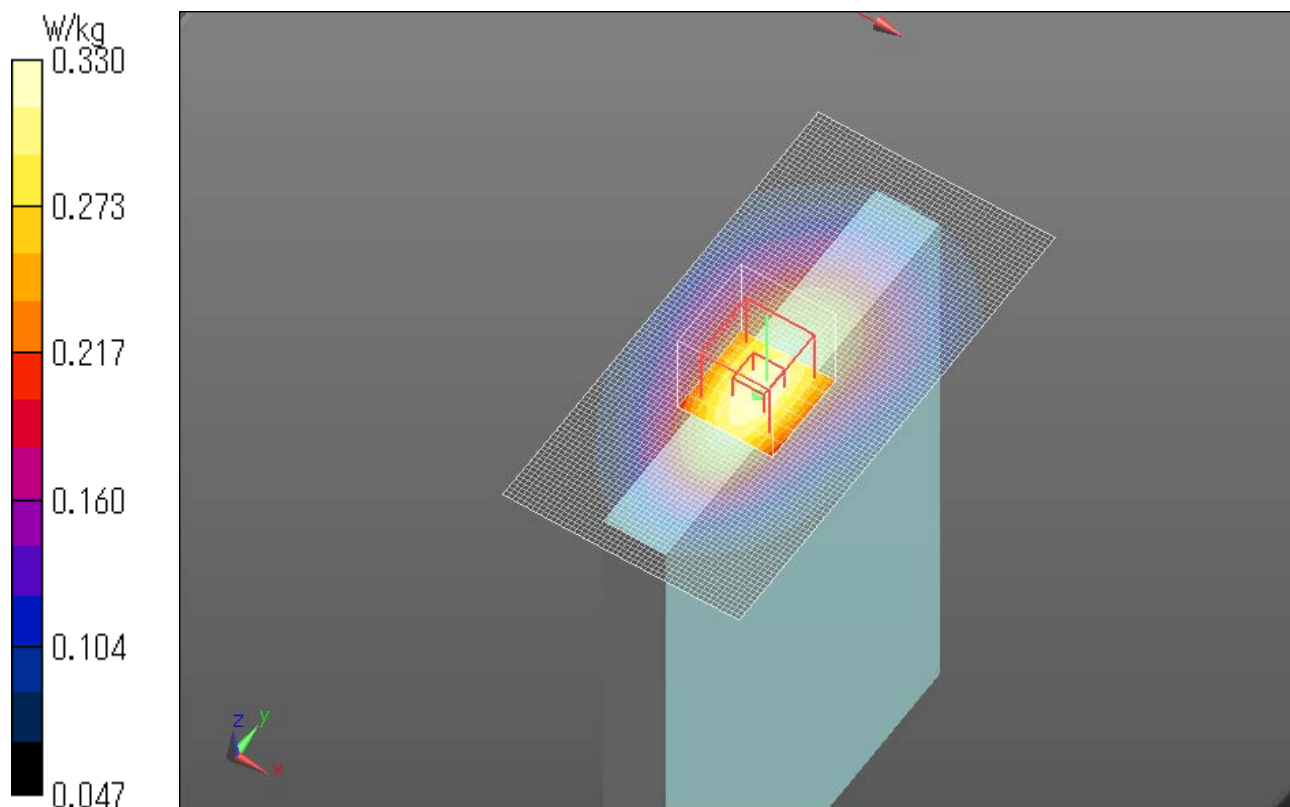
Reference Value = 19.82 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.366 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 0.330 W/kg

Date: 2015/11/19



**CDMA BC0 RC3 SO32 836.5MHz Edge3 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.139 W/kg

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

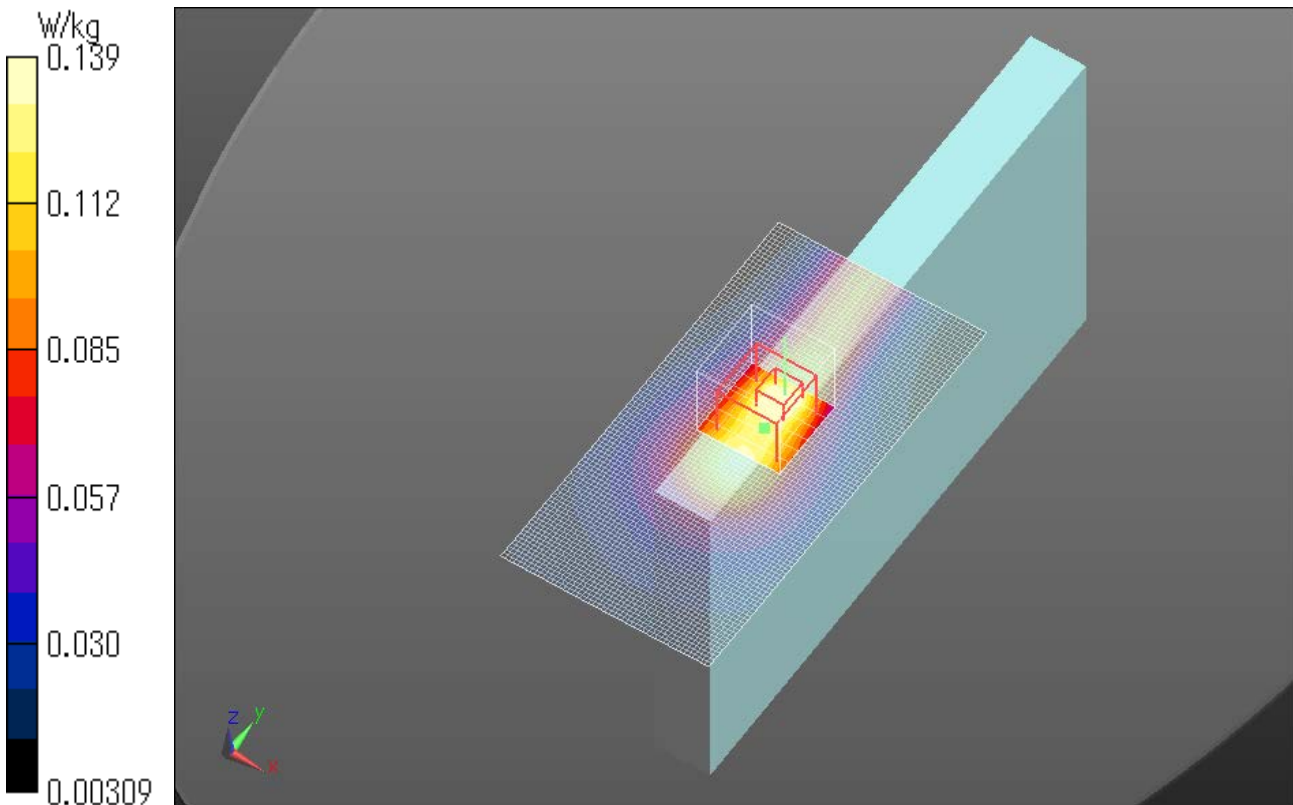
Reference Value = 12.74 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.071 W/kg**

Maximum value of SAR (measured) = 0.160 W/kg

Date: 2015/11/19



**CDMA BC0 RTAP 153.6k 836.5MHz Edge3 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.139 W/kg

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

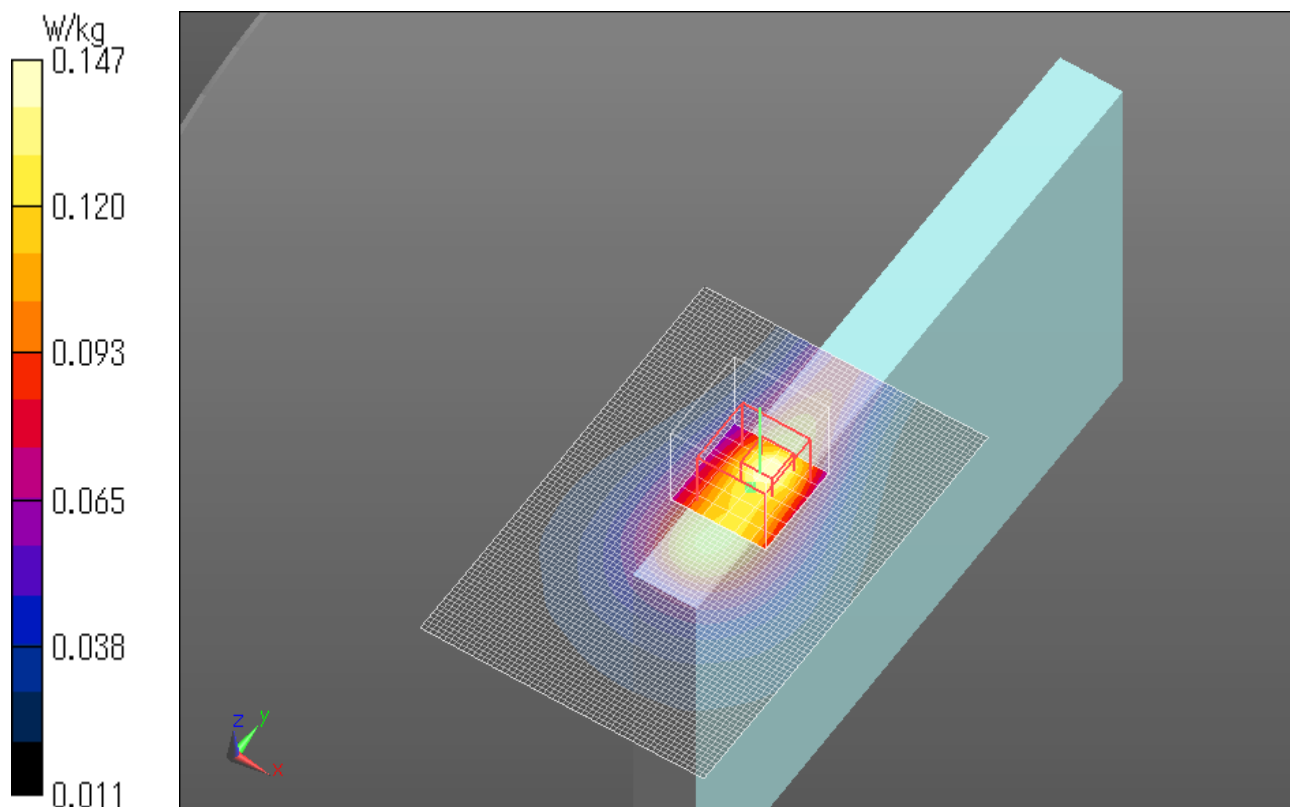
Reference Value = 12.64 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.147 W/kg

Date: 2015/11/19



**CDMA BC0 RC3 SO32 836.5MHz Edge4 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.976$  S/m;  $\epsilon_r = 55.251$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0403 W/kg

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

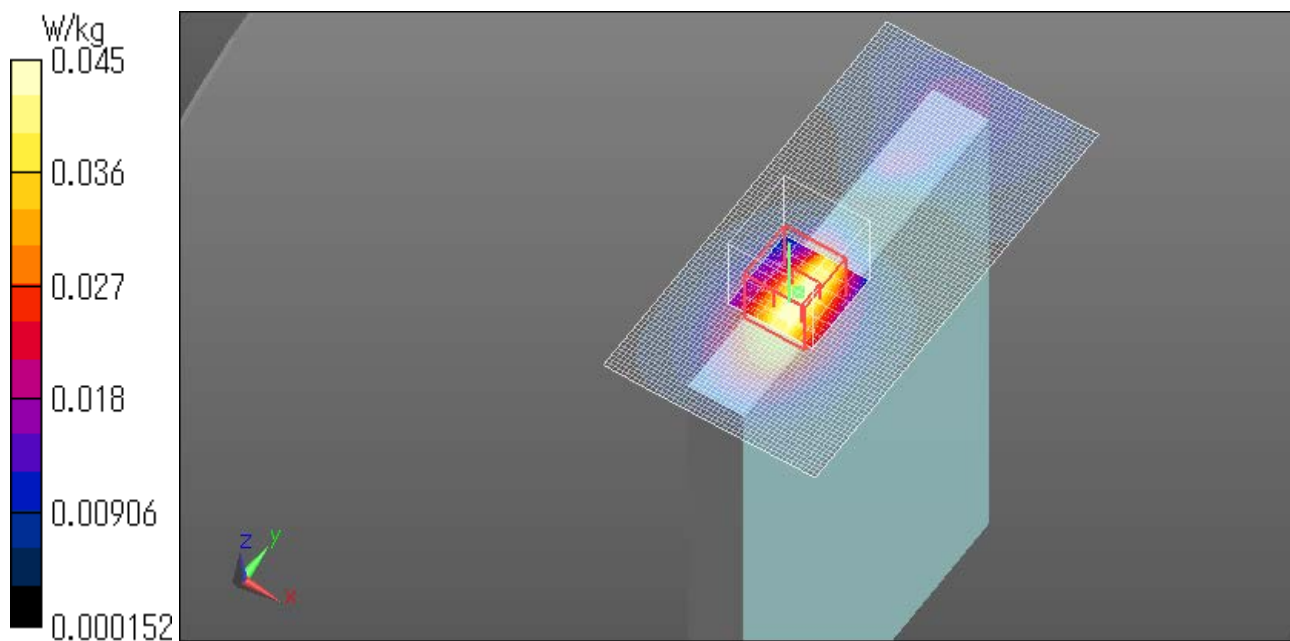
Reference Value = 7.387 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0640 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.017 W/kg**

Maximum value of SAR (measured) = 0.0447 W/kg

Date: 2015/11/25



**CDMA BC0 RTAP 153.6k 836.5MHz Edge4 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.976$  S/m;  $\epsilon_r = 55.251$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0427 W/kg

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

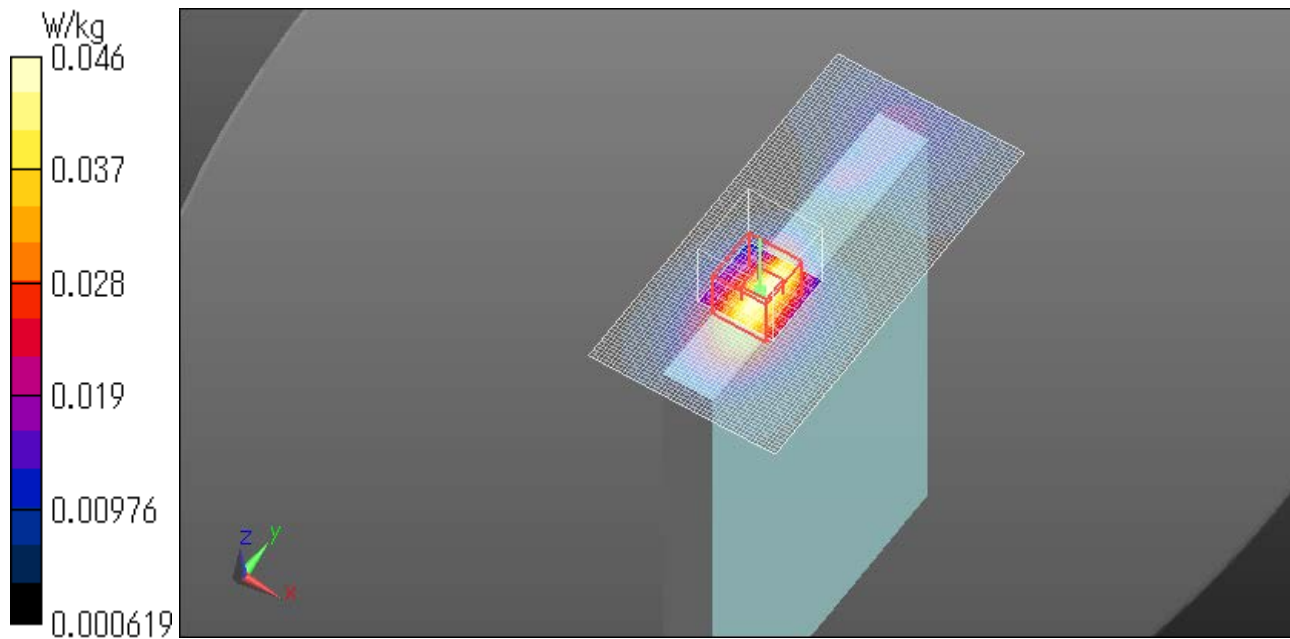
Reference Value = 7.494 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0660 W/kg

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.0463 W/kg

Date: 2015/11/25



### CDMA BC0 RC3 SO32 836.5MHz Bottom 18mm

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.162 W/kg

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

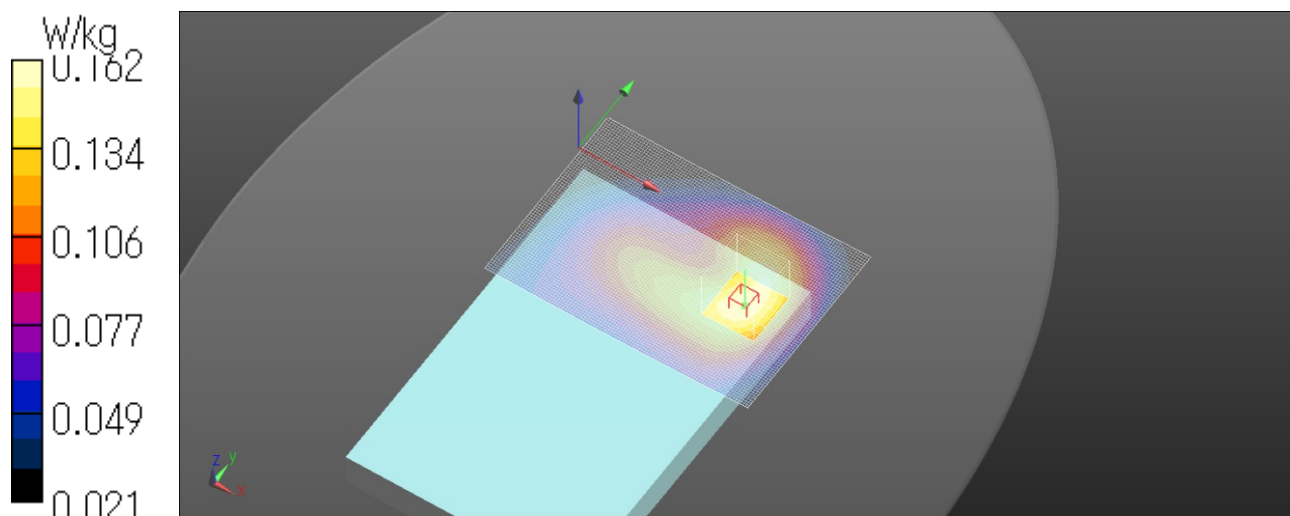
Reference Value = 14.04 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.182 W/kg

**SAR(1 g) = 0.135 W/kg**

Maximum value of SAR (measured) = 0.162 W/kg

Date: 2015/11/19



**CDMA BC0 RTAP 153.6k 836.5MHz Bottom 18mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US Cellular; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.241 W/kg

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

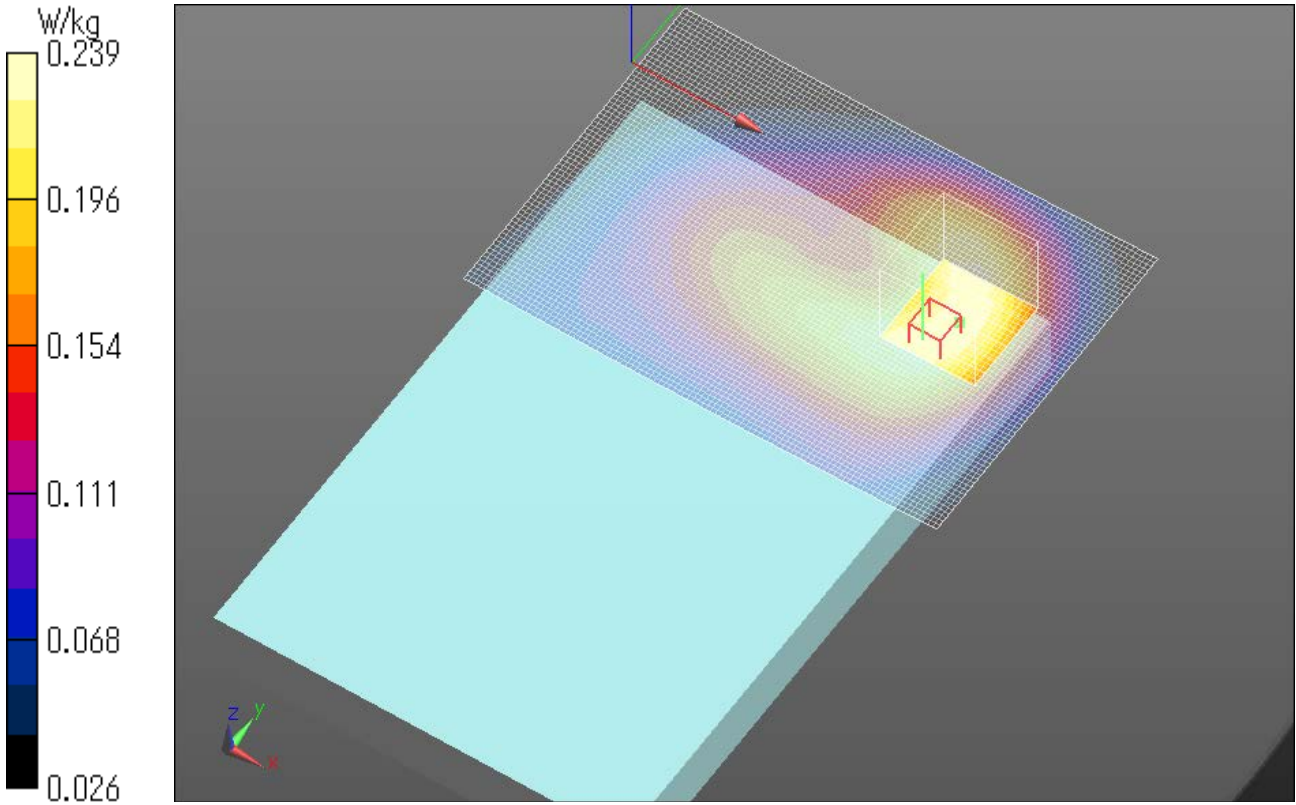
Reference Value = 17.00 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.239 W/kg

Date: 2015/11/19



## 15.6 SAR test plots for CDMA Band 1

### CDMA BC1 RC3 SO32 1851.3MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1851.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.3$  MHz;  $\sigma = 1.448$  S/m;  $\epsilon_r = 52.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.44 W/kg

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

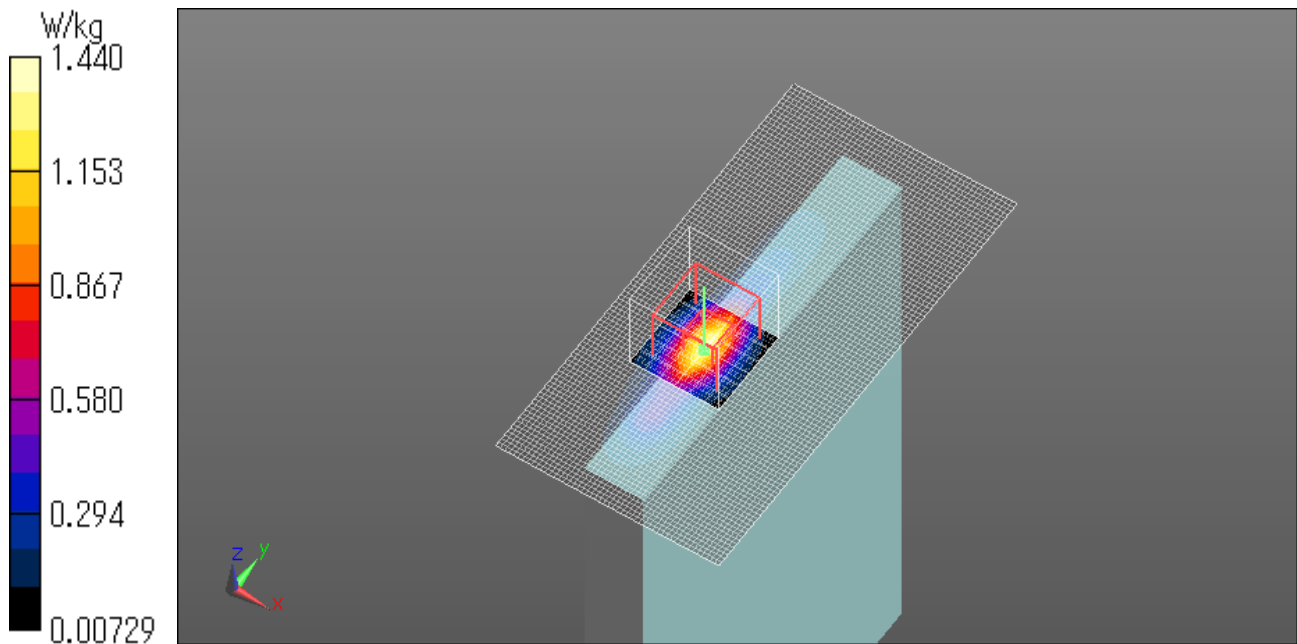
Reference Value = 34.35 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.407 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg

Date: 2015/11/27



### CDMA BC1 RC3 SO32 1880MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.69 W/kg

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

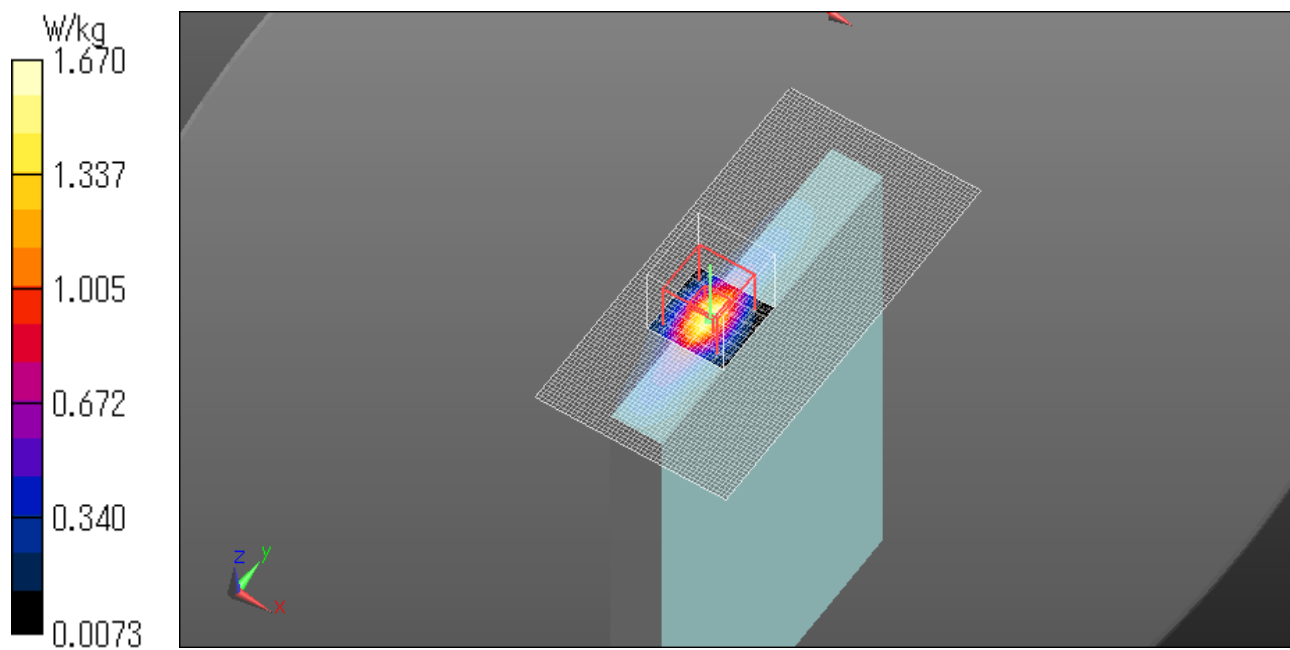
Reference Value = 36.18 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.20 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.474 W/kg**

Maximum value of SAR (measured) = 1.67 W/kg

Date: 2015/12/01



**CDMA BC1 RC3 SO32 1908.8MHz Edge2 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.561$  S/m;  $\epsilon_r = 51.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.57 W/kg

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

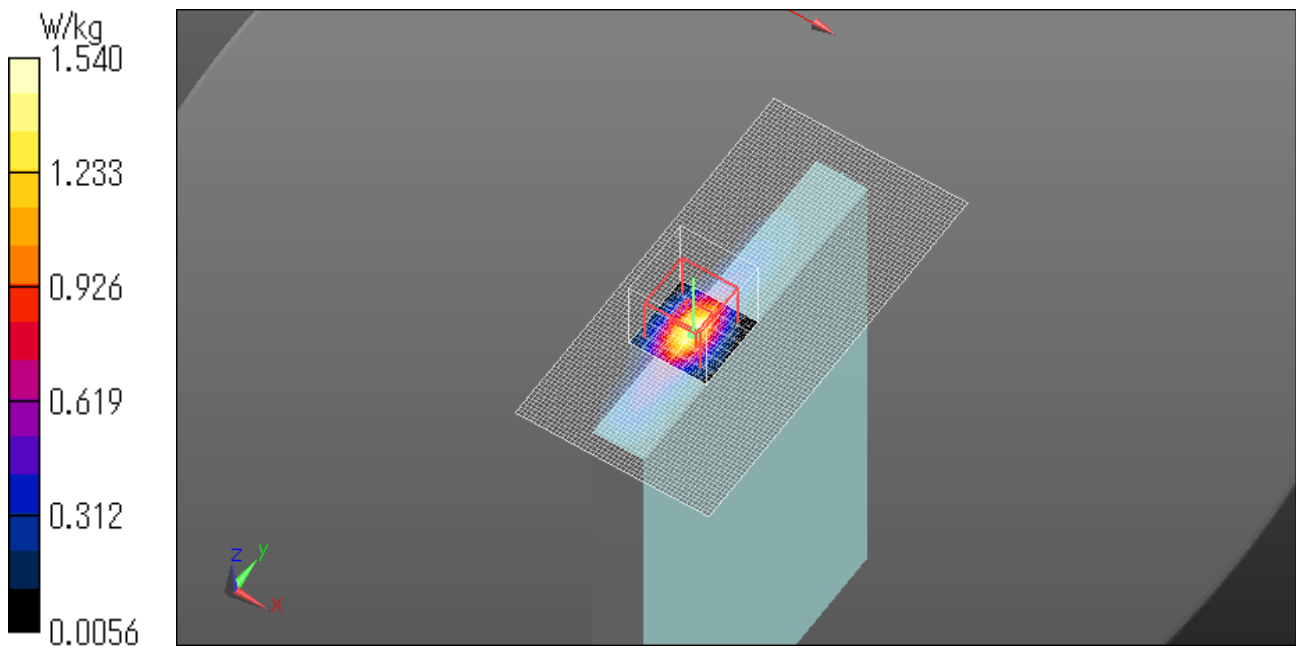
Reference Value = 34.61 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.439 W/kg**

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

Date: 2015/12/01



**CDMA BC1 RTAP 153.6k 1851.3MHz Edge2 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1851.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.3$  MHz;  $\sigma = 1.448$  S/m;  $\epsilon_r = 52.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.41 W/kg

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

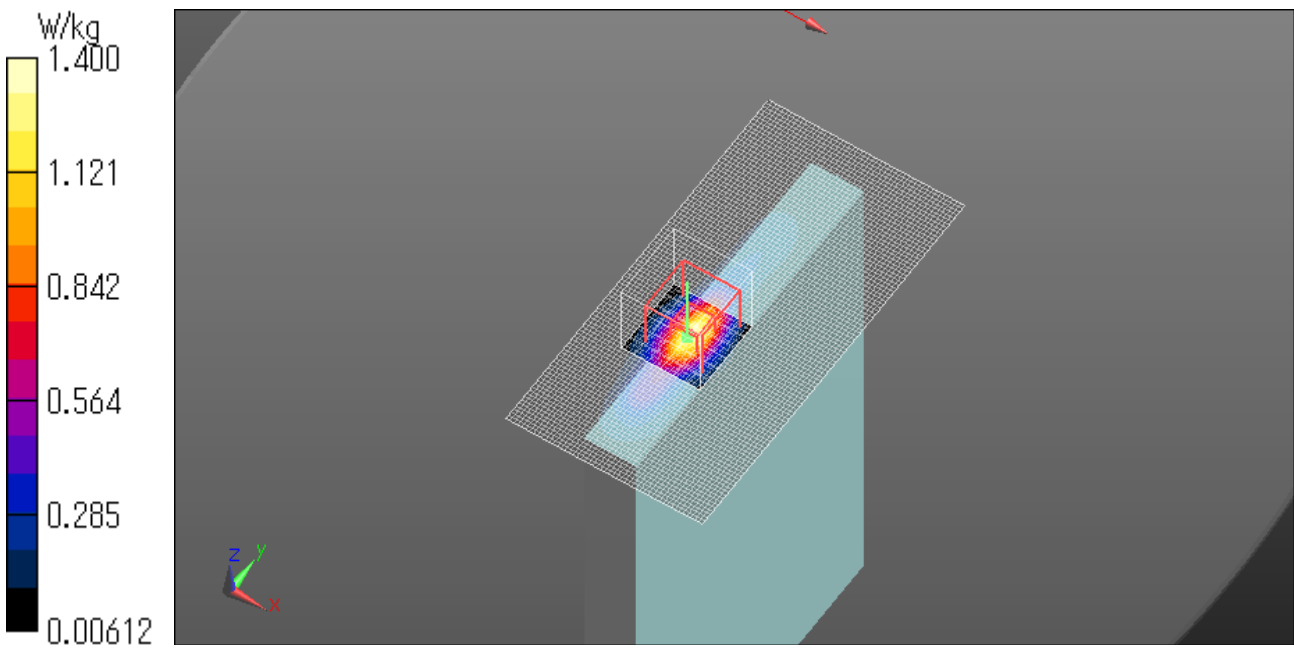
Reference Value = 34.40 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.408 W/kg**

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

Date: 2015/11/27



**CDMA BC1 RTAP 153.6k 1880MHz Edge2 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

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

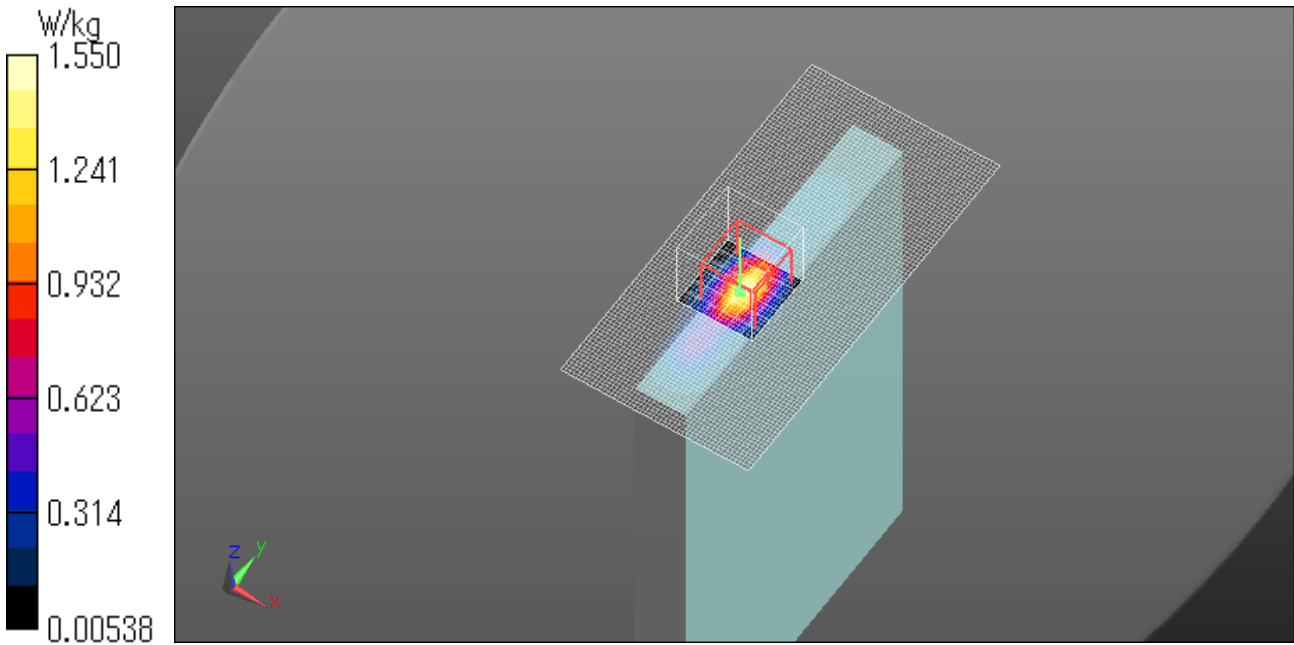
Reference Value = 34.80 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.10 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.440 W/kg**

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

Date: 2015/12/01



### CDMA BC1 RTAP 153.6k 1908.8MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.561$  S/m;  $\epsilon_r = 51.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.41 W/kg

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

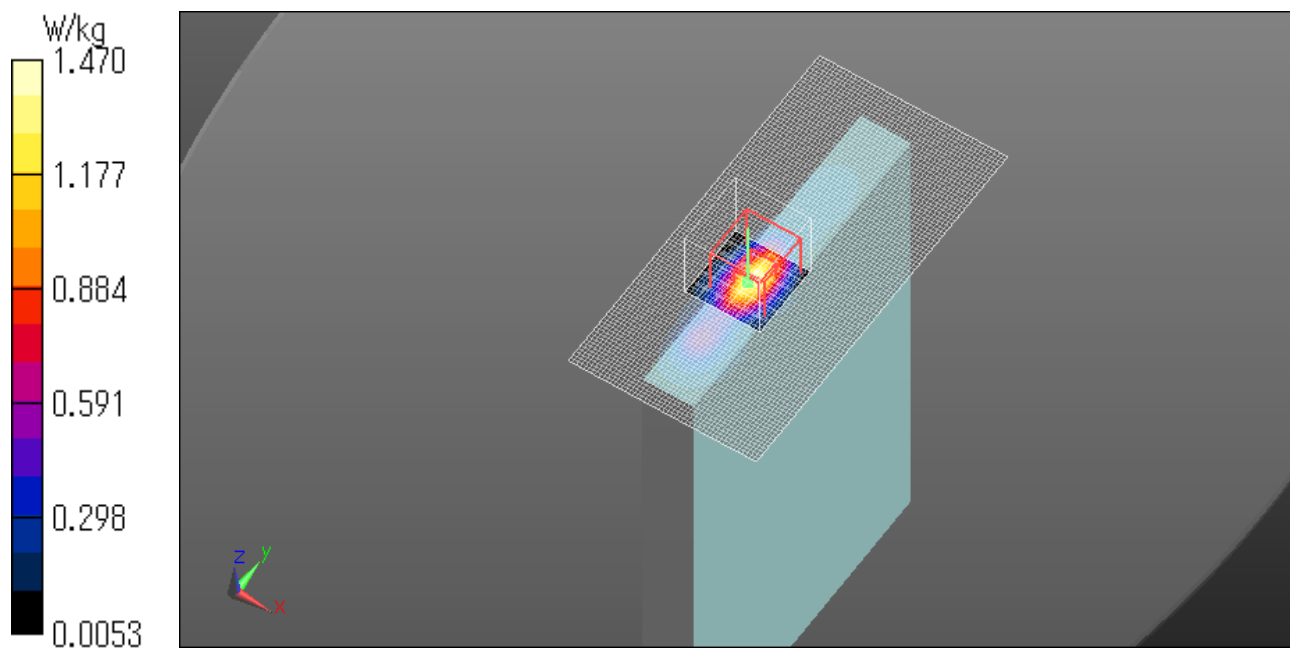
Reference Value = 33.80 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.416 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg

Date: 2015/12/01



**CDMA BC1 RC3 SO32 1851.3MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1851.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.3$  MHz;  $\sigma = 1.498$  S/m;  $\epsilon_r = 52.121$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.831 W/kg

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

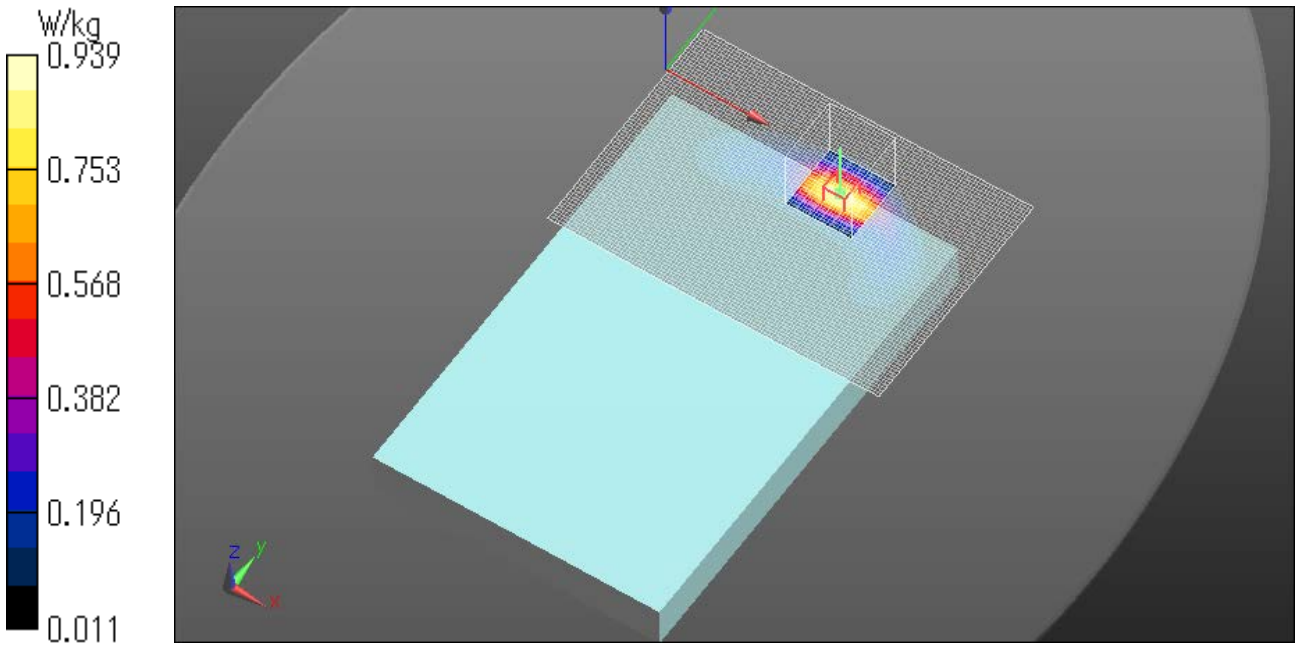
Reference Value = 27.20 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.671 W/kg**

Maximum value of SAR (measured) = 0.939 W/kg

Date: 2015/12/01



**CDMA BC1 RC3 SO32 1880MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.990 W/kg

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

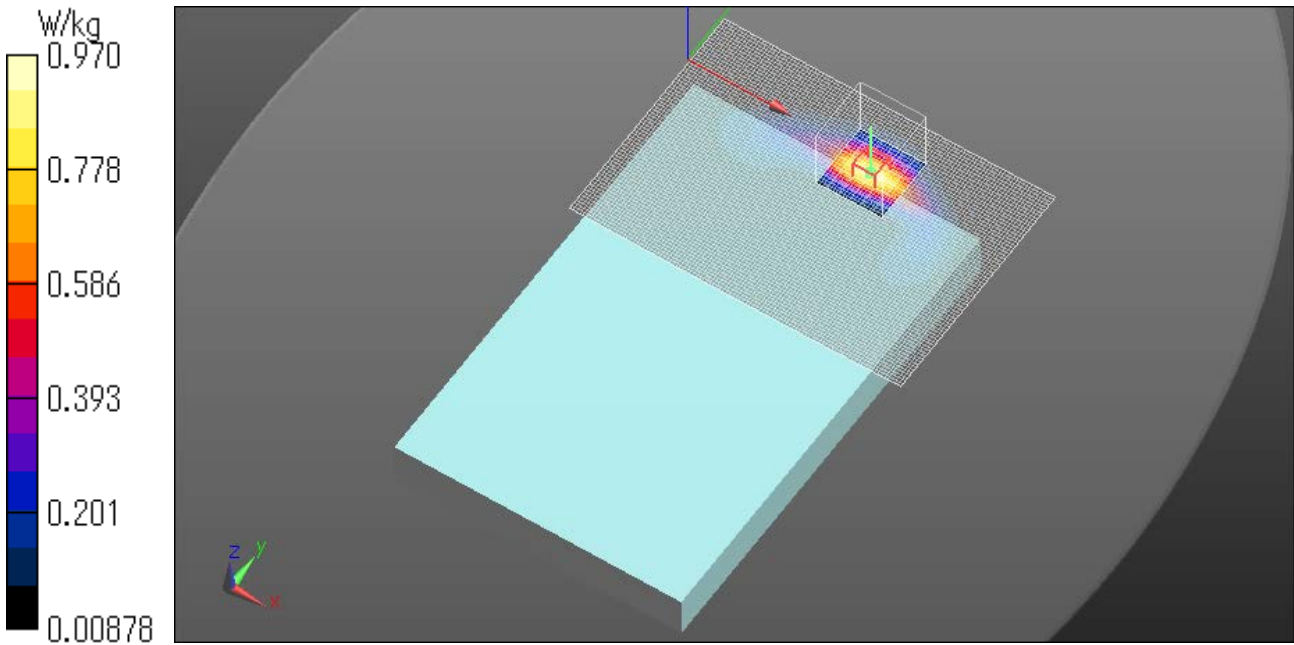
Reference Value = 27.40 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.677 W/kg**

Maximum value of SAR (measured) = 0.970 W/kg

Date: 2015/12/01



**CDMA BC1 RC3 SO32 1908.8MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.561$  S/m;  $\epsilon_r = 51.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.935 W/kg

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

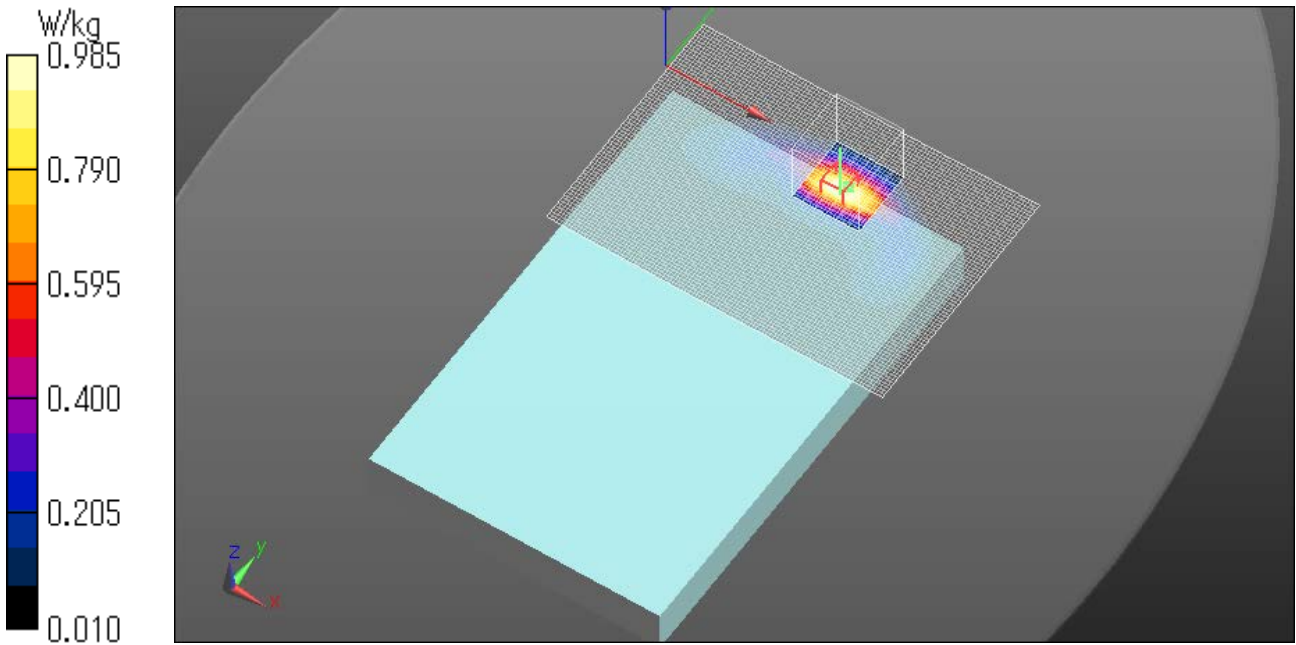
Reference Value = 27.01 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.724 W/kg**

Maximum value of SAR (measured) = 0.985 W/kg

Date: 2015/12/01



**CDMA BC1 RTAP 153.6k 1851.3MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1851.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.3$  MHz;  $\sigma = 1.498$  S/m;  $\epsilon_r = 52.121$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.870 W/kg

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

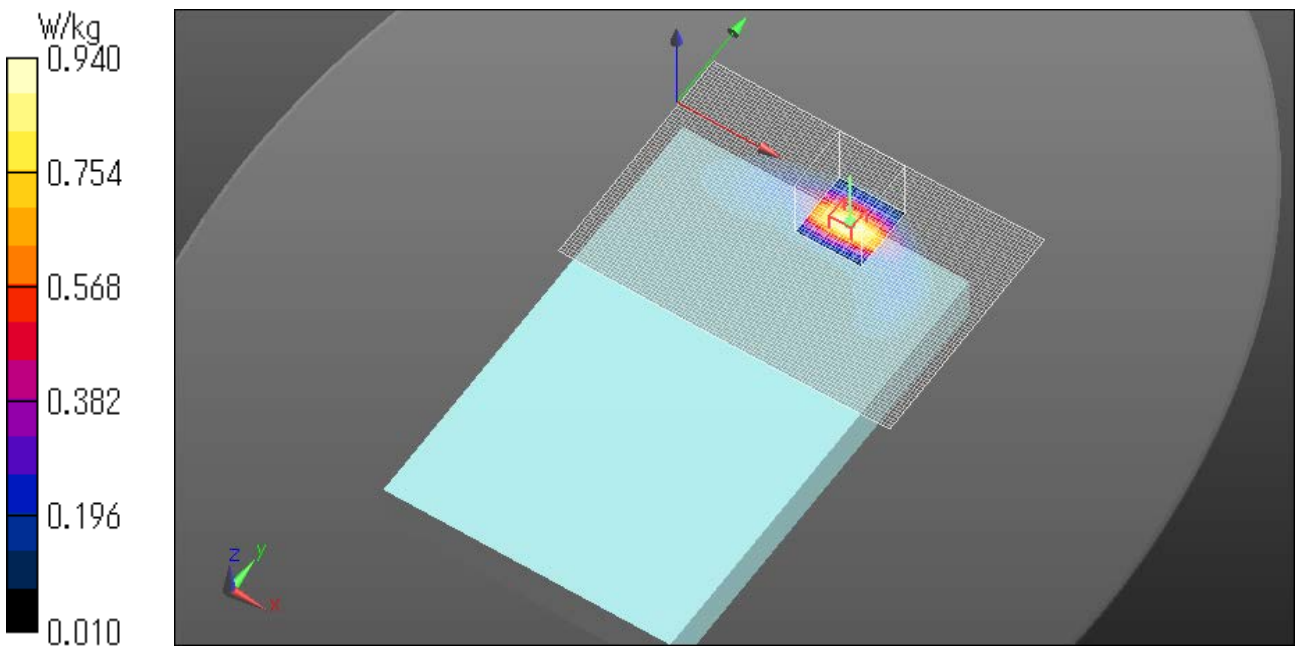
Reference Value = 27.16 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.682 W/kg**

Maximum value of SAR (measured) = 0.940 W/kg

Date: 2015/12/01



### CDMA BC1 RTAP 153.6k 1880MHz Bottom 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.839 W/kg

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

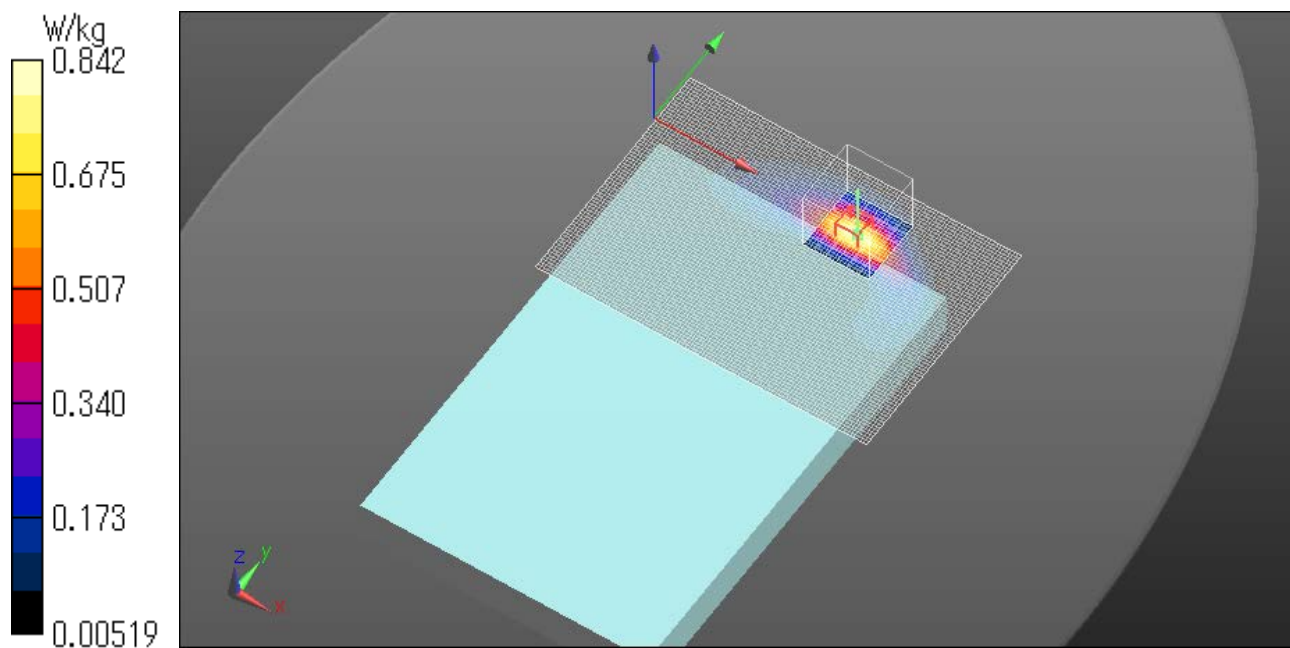
Reference Value = 25.65 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.587 W/kg**

Maximum value of SAR (measured) = 0.842 W/kg

Date: 2015/12/01



**CDMA BC1 RTAP 153.6k 1908.8MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.561$  S/m;  $\epsilon_r = 51.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

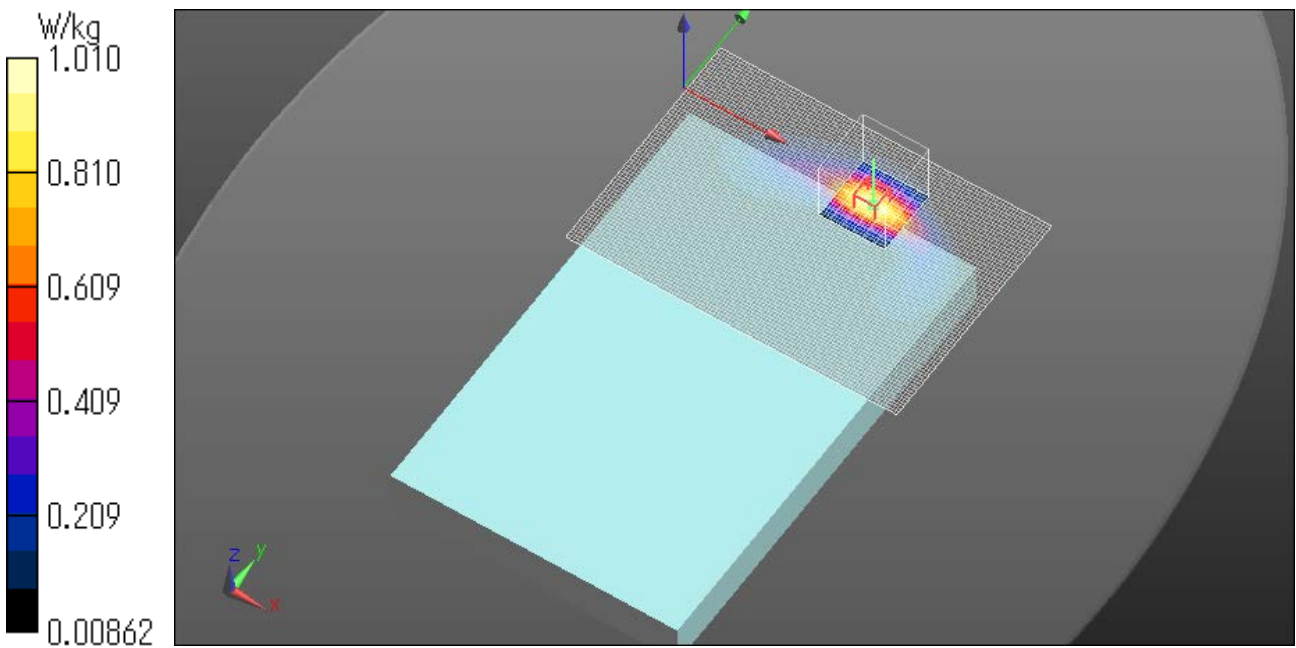
Reference Value = 27.96 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.703 W/kg**

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

Date: 2015/12/01



**CDMA BC1 RC3 SO32 1908.8MHz Edge1 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.196 W/kg

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

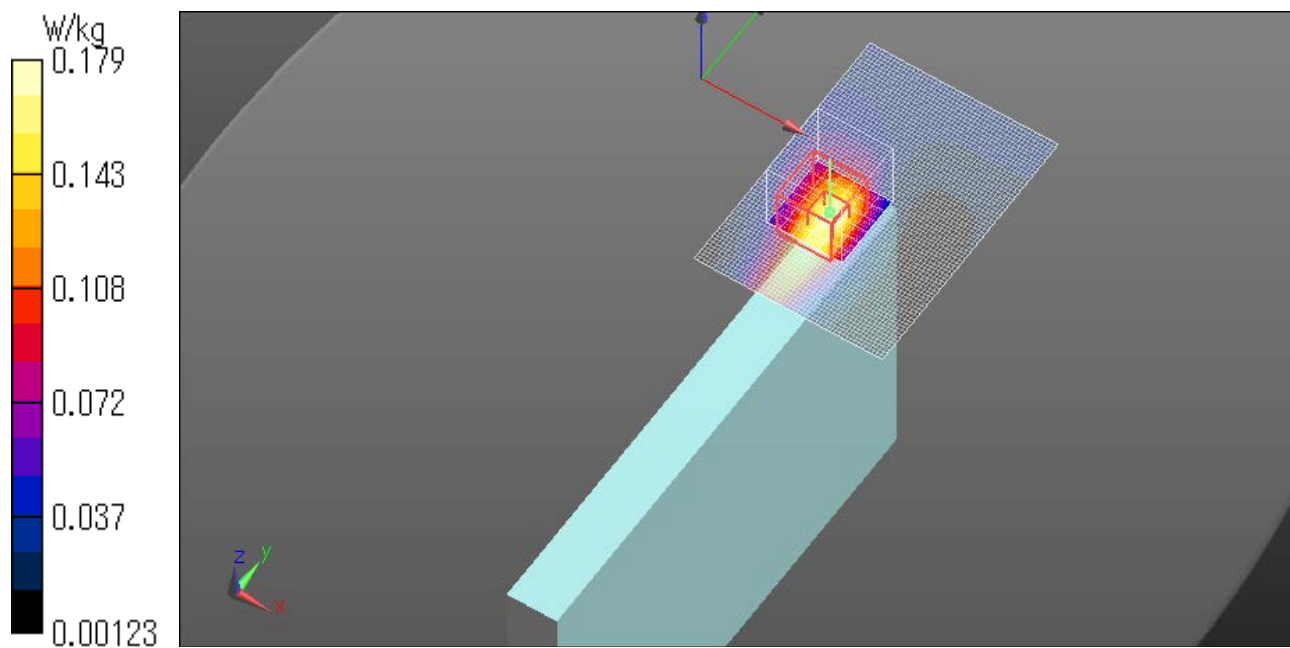
Reference Value = 11.89 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.232 W/kg

**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.179 W/kg

Date: 2015/11/27



### CDMA BC1 RTAP 153.6k 1908.8MHz Edge1 0mm

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.146 W/kg

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

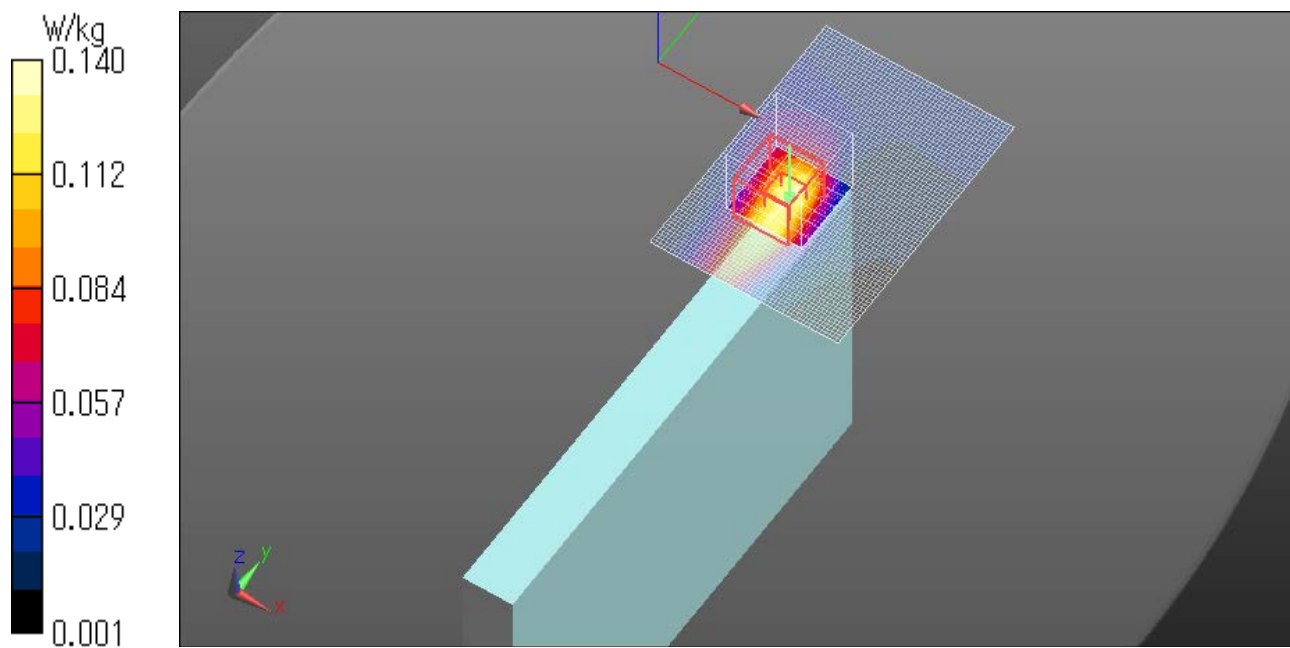
Reference Value = 10.43 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.140 W/kg

Date: 2015/11/27



**CDMA BC1 RC3 SO32 1908.8MHz Edge2 23mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.760 W/kg

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

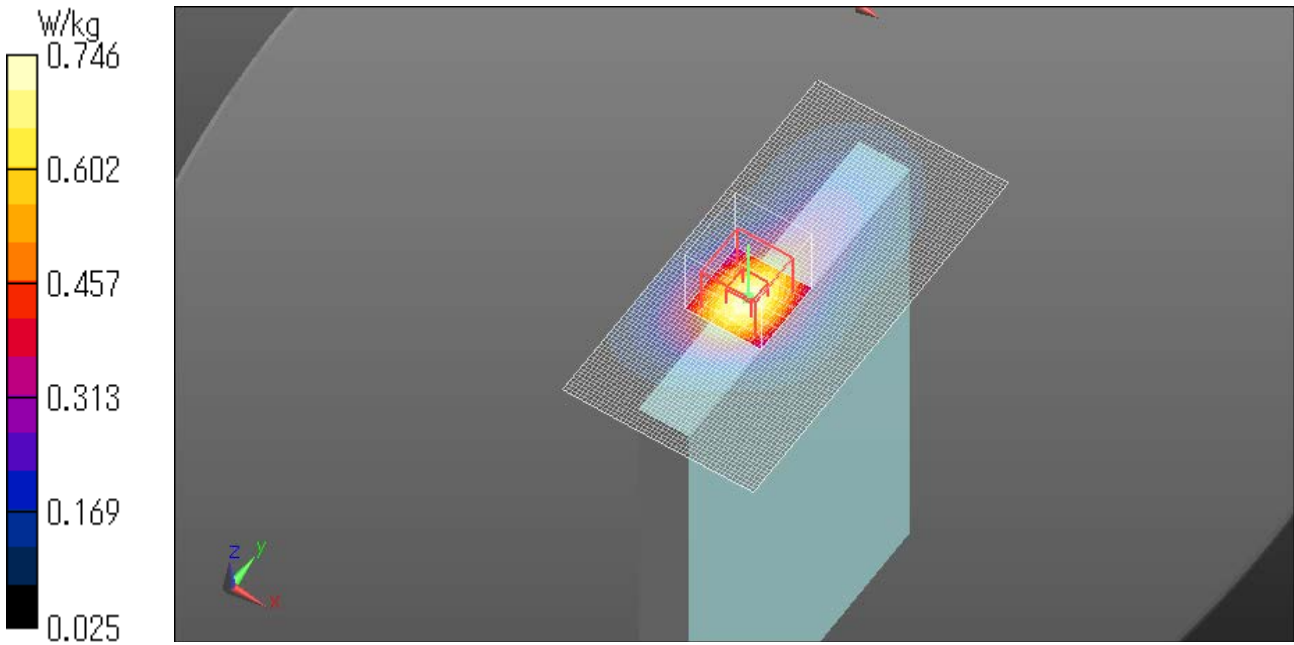
Reference Value = 24.04 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.887 W/kg

**SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.347 W/kg**

Maximum value of SAR (measured) = 0.746 W/kg

Date: 2015/11/27



**CDMA BC1 RTAP 153.6k 1908.8MHz Edge2 23mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.665 W/kg

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

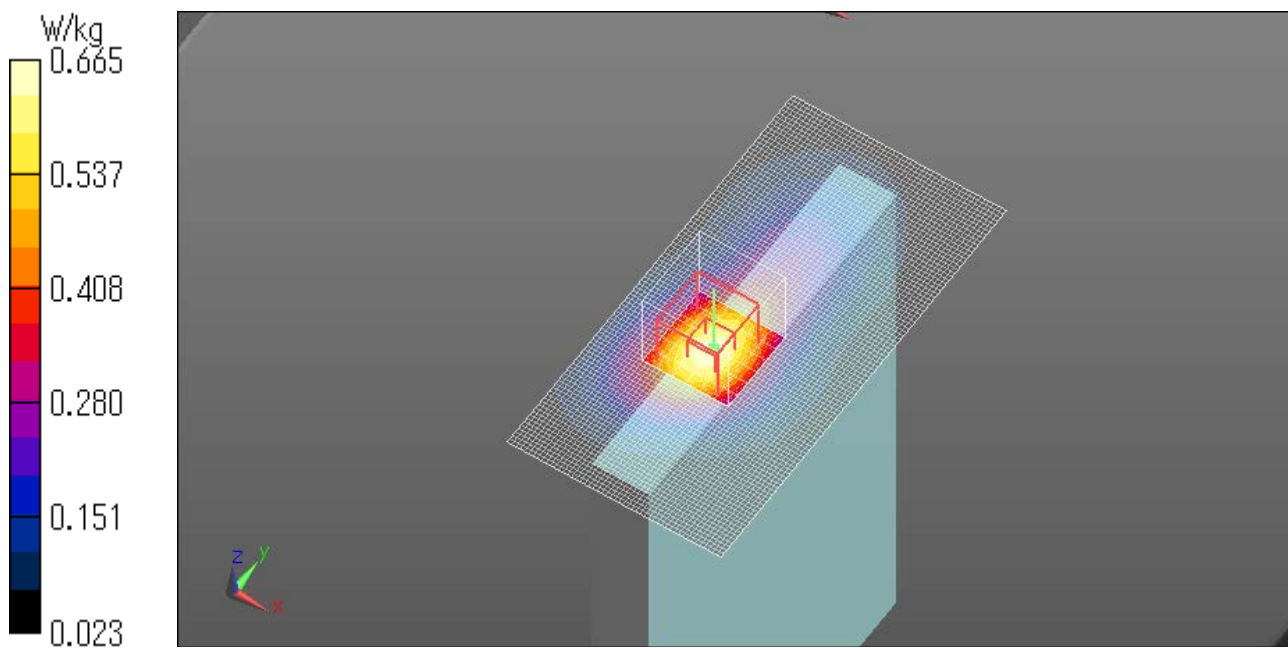
Reference Value = 22.69 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.791 W/kg

**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.313 W/kg**

Maximum value of SAR (measured) = 0.665 W/kg

Date: 2015/11/27



**CDMA BC1 RC3 SO32 1908.8MHz Edge3 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.397 W/kg

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

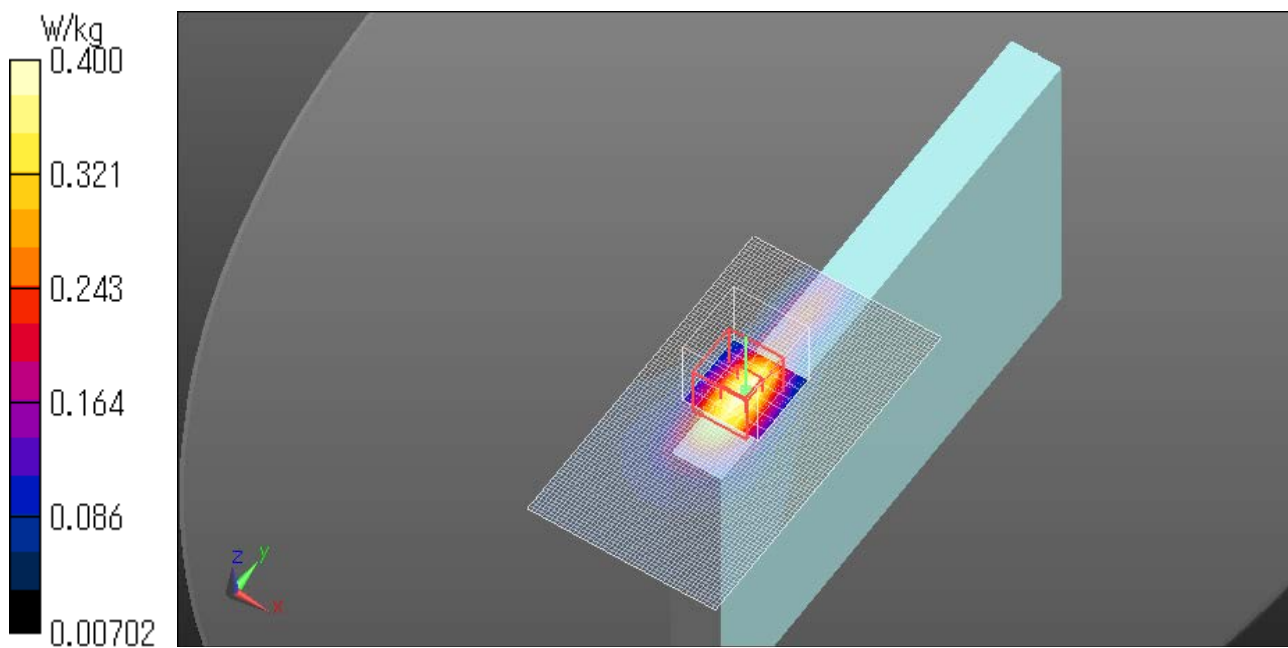
Reference Value = 17.46 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.486 W/kg

**SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.159 W/kg**

Maximum value of SAR (measured) = 0.400 W/kg

Date: 2015/11/27



**CDMA BC1 RTAP 153.6k 1908.8MHz Edge3 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.396 W/kg

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

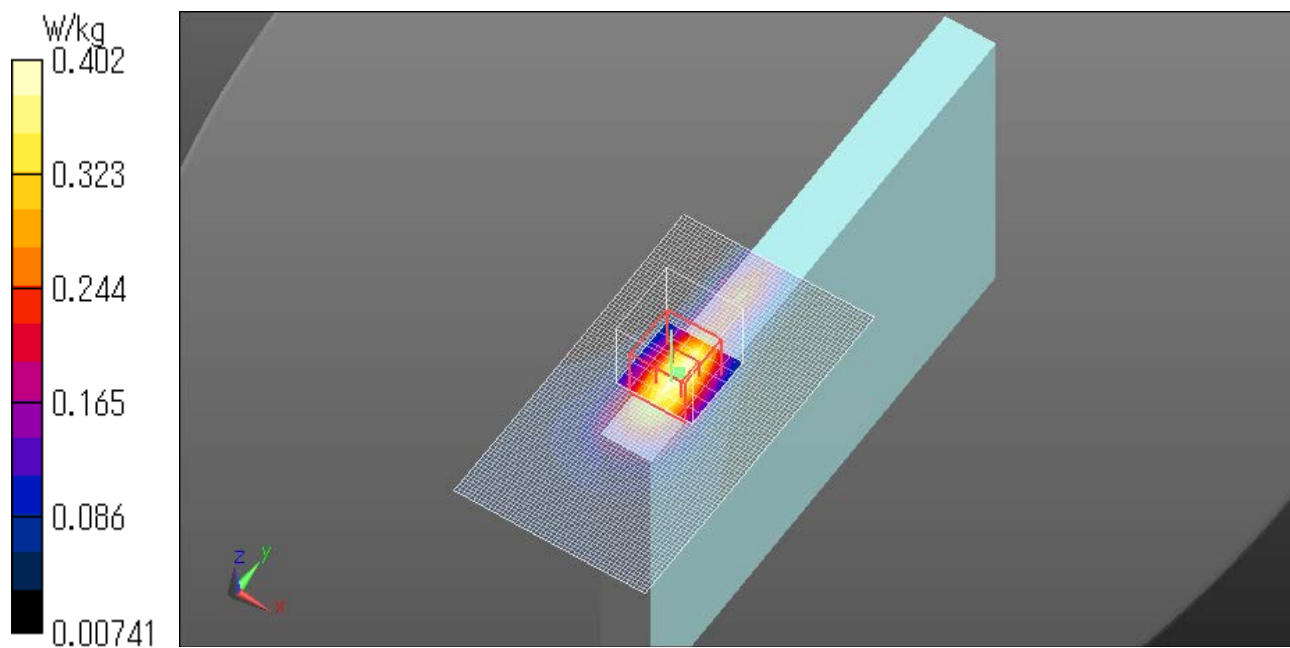
Reference Value = 17.70 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.485 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.162 W/kg**

Maximum value of SAR (measured) = 0.402 W/kg

Date: 2015/11/27



**CDMA BC1 RC3 SO32 1908.8MHz Edge4 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0338 W/kg

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

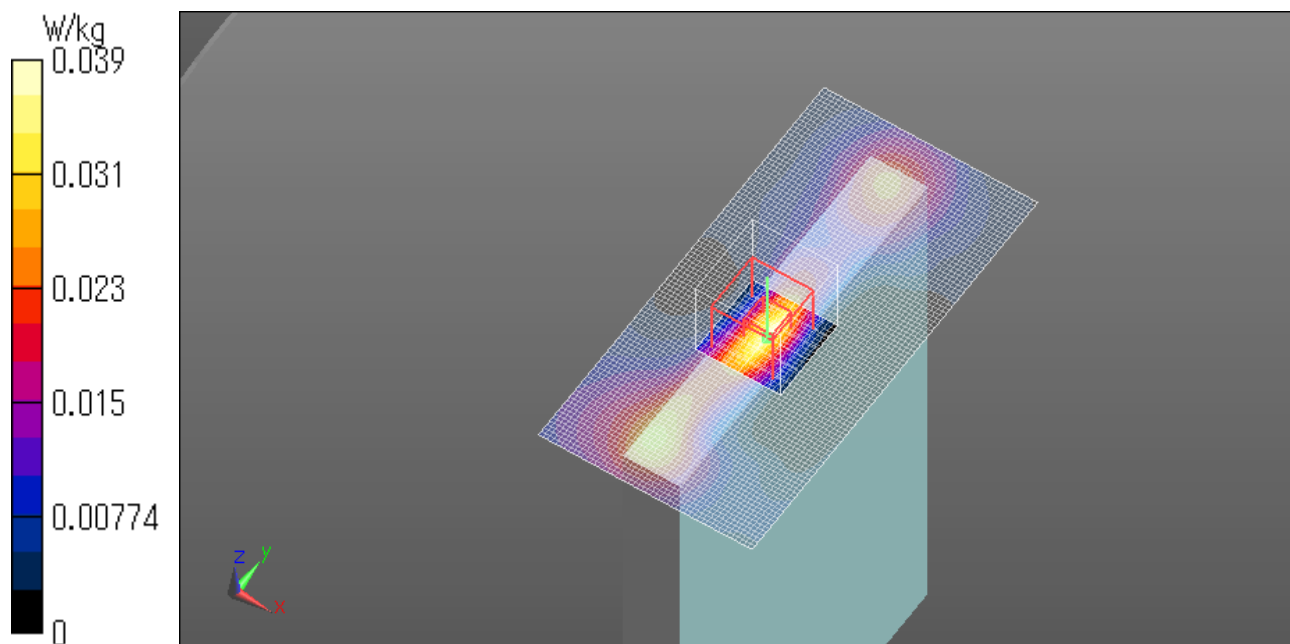
Reference Value = 5.482 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0500 W/kg

**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0387 W/kg

Date: 2015/11/27



**CDMA BC1 RTAP 153.6k 1908.8MHz Edge4 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0368 W/kg

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

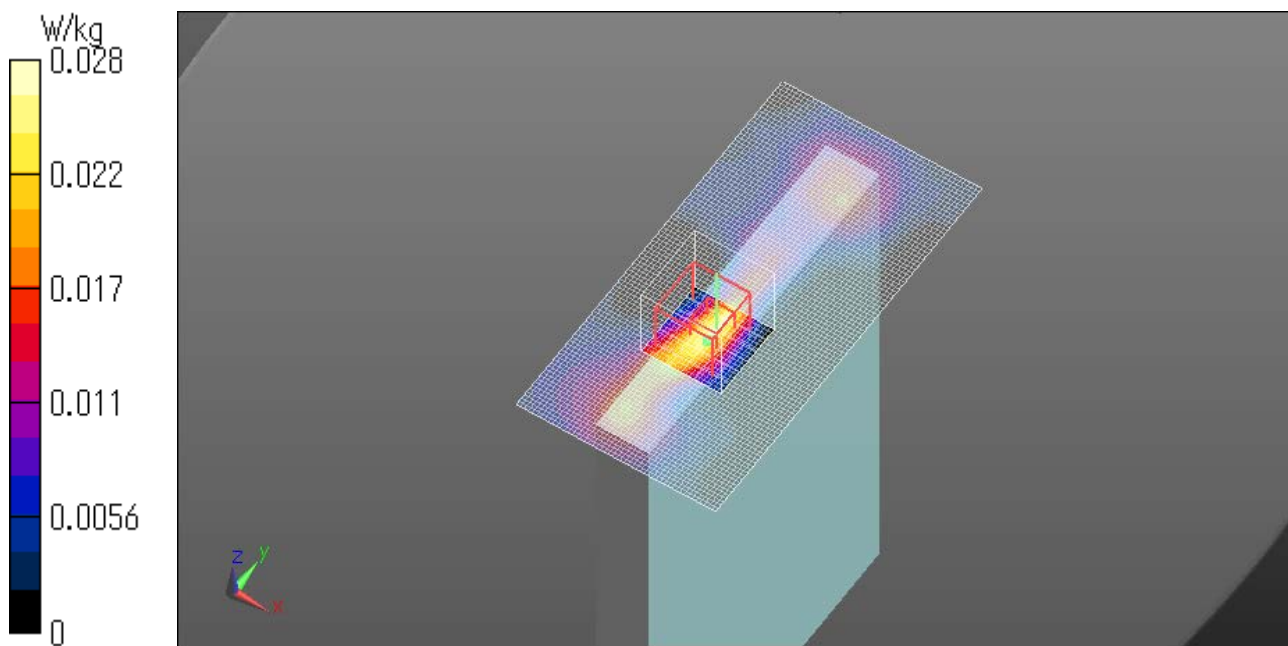
Reference Value = 4.659 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0360 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00916 W/kg**

Maximum value of SAR (measured) = 0.0280 W/kg

Date: 2015/11/27



**CDMA BC1 RC3 SO32 1908.8MHz Bottom 18mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.477 W/kg

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

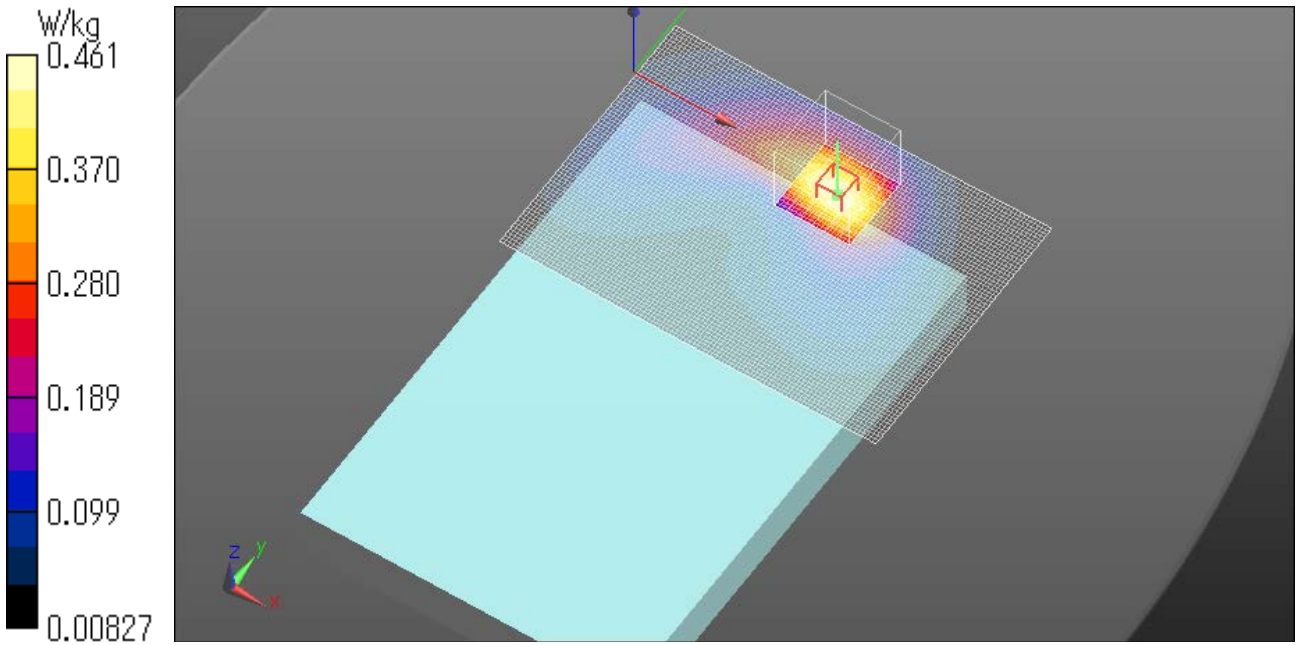
Reference Value = 18.95 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.547 W/kg

**SAR(1 g) = 0.358 W/kg**

Maximum value of SAR (measured) = 0.461 W/kg

Date: 2015/11/27



**CDMA BC1 RTAP 153.6k 1908.8MHz Bottom 18mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS; Frequency: 1908.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.8$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.66, 7.66, 7.66); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2015/05/22

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.460 W/kg

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

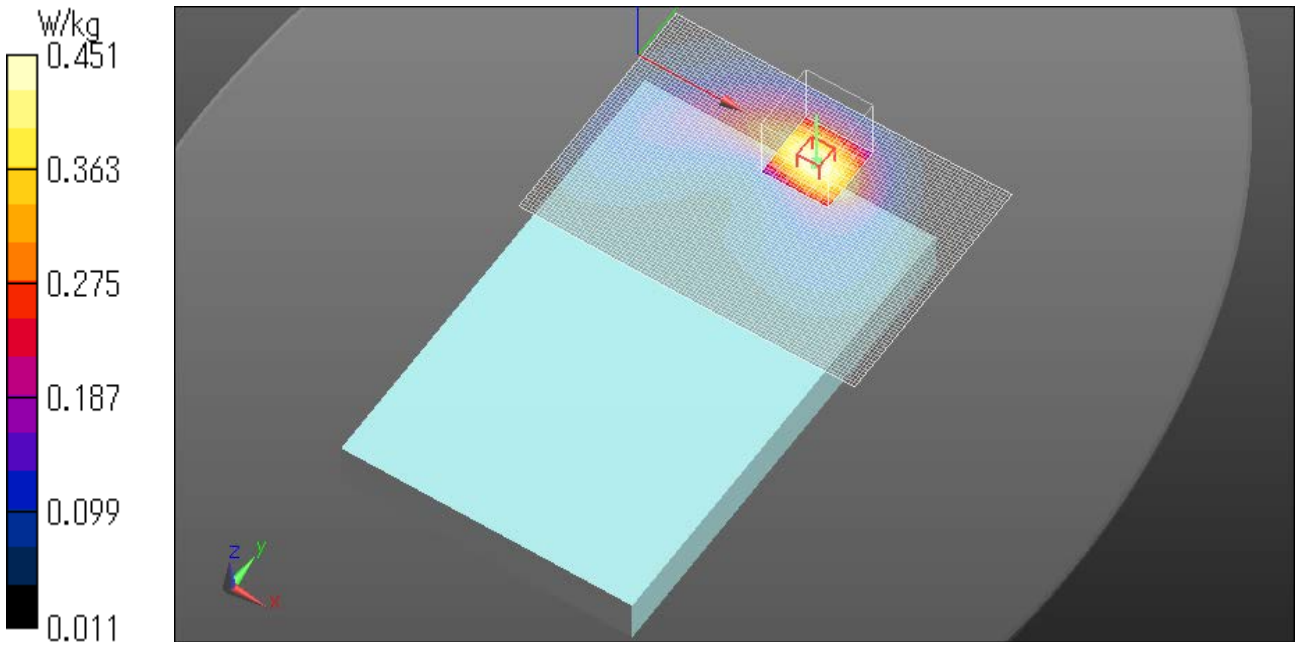
Reference Value = 18.72 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.537 W/kg

**SAR(1 g) = 0.351 W/kg**

Maximum value of SAR (measured) = 0.451 W/kg

Date: 2015/11/27



### 15.7 SAR test plots for CDMA Band 10

#### CDMA BC10 RC3 SO32 817.3MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 817.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 817.3$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

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

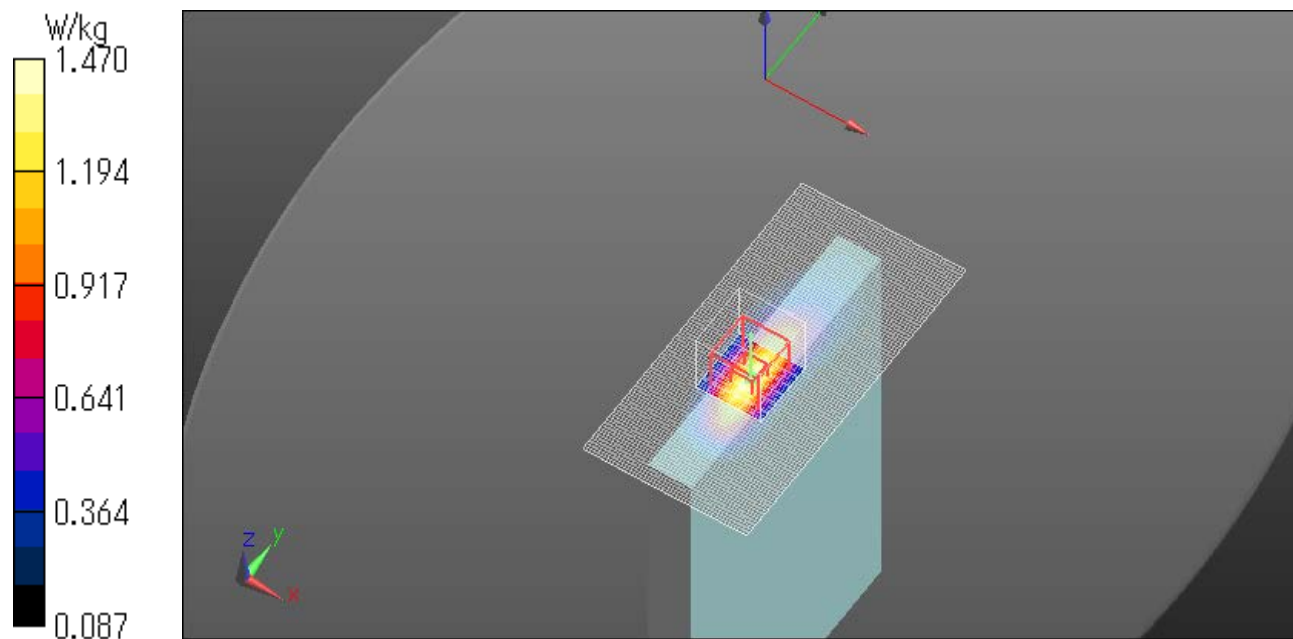
Reference Value = 41.55 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.626 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg

Date: 2015/11/26



**CDMA BC10 RC3 SO32 820MHz Edge2 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 820 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 820$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 55.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

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

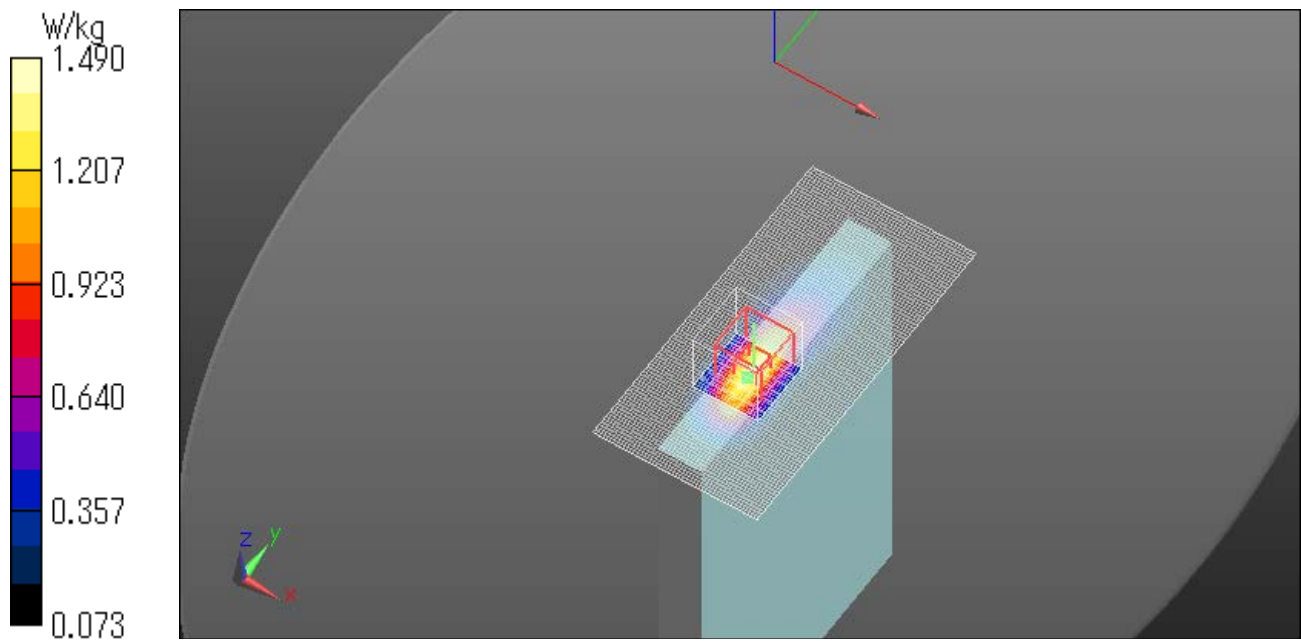
Reference Value = 42.59 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.629 W/kg**

Maximum value of SAR (measured) = 1.49 W/kg

Date: 2015/11/26



### CDMA BC10 RC3 SO32 822.8MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.946$  S/m;  $\epsilon_r = 55.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.45 W/kg

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

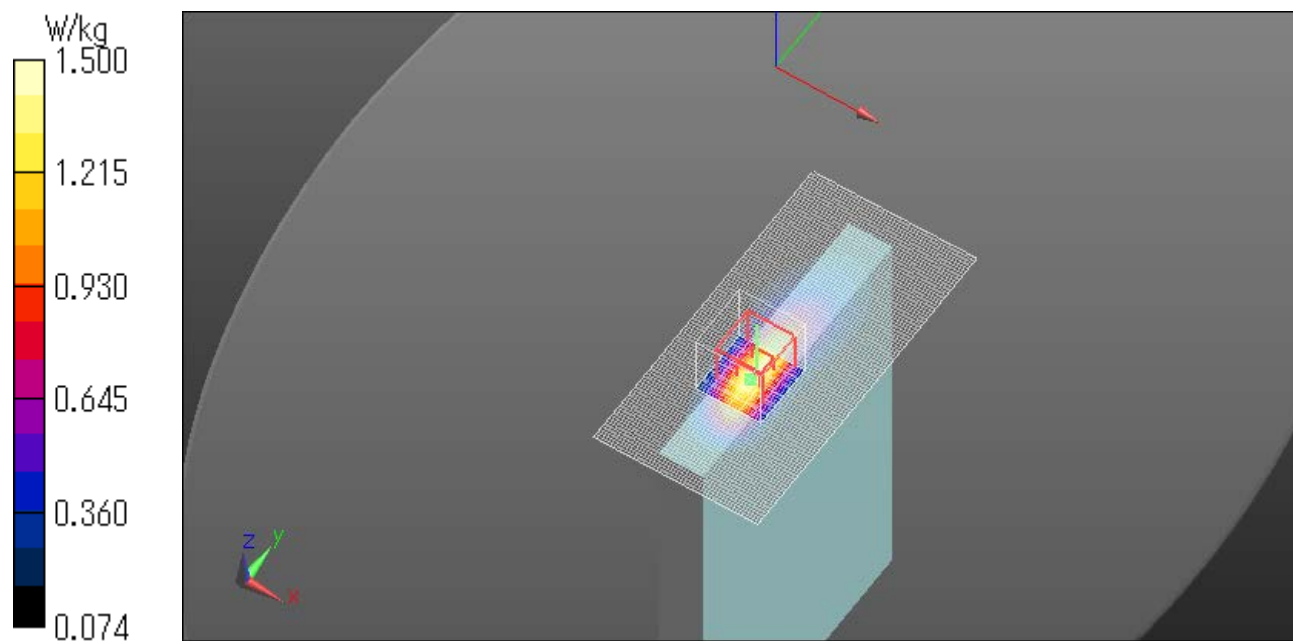
Reference Value = 43.01 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.639 W/kg**

Maximum value of SAR (measured) = 1.50 W/kg

Date: 2015/11/26



### CDMA BC10 RTAP 153.6k 817.3MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 817.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 817.3$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

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

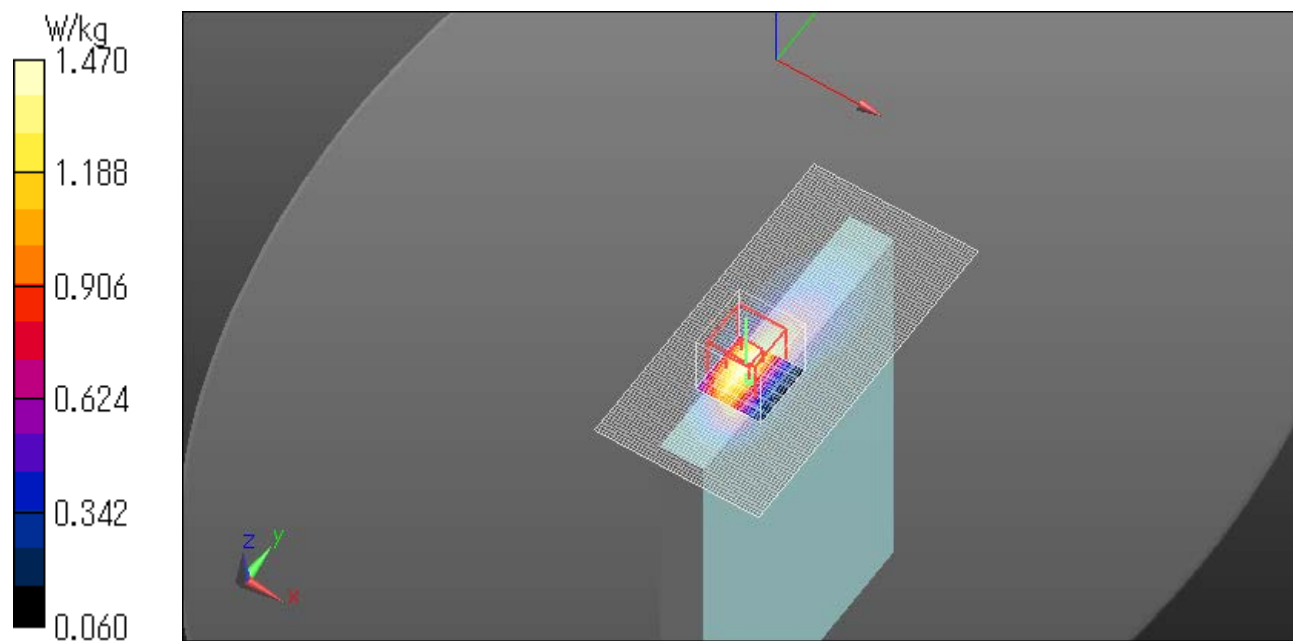
Reference Value = 42.18 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.627 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg

Date: 2015/11/26



**CDMA BC10 RTAP 153.6k 820MHz Edge2 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 820 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 820$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 55.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

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

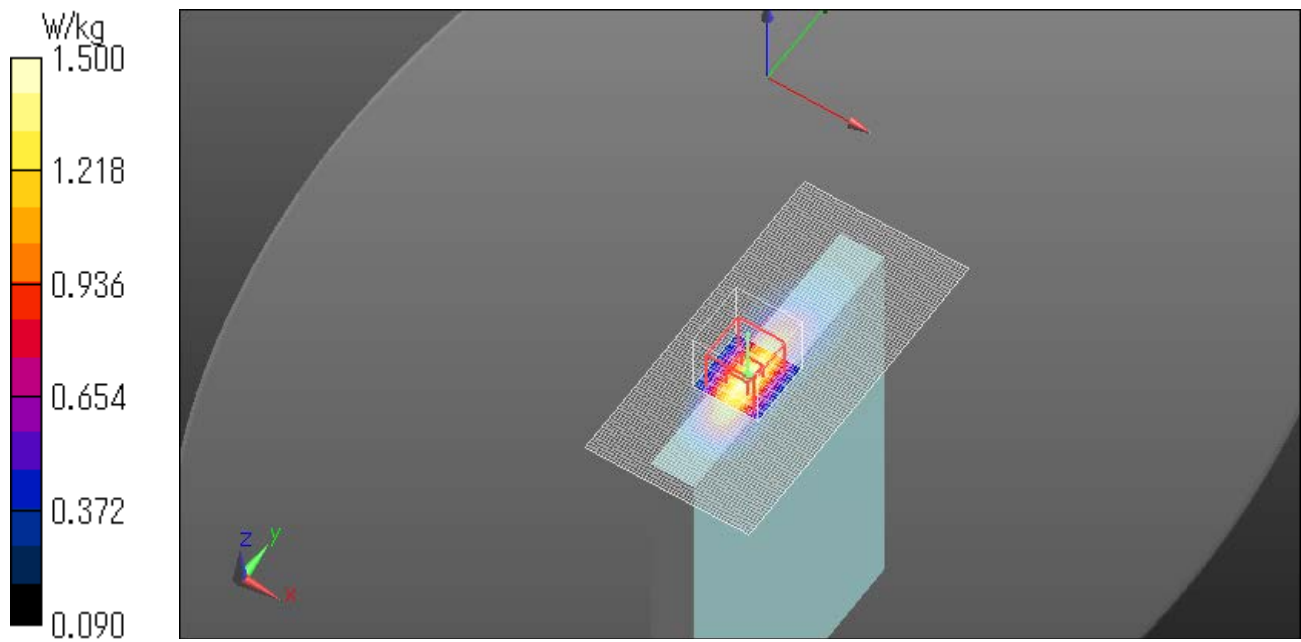
Reference Value = 42.76 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.633 W/kg**

Maximum value of SAR (measured) = 1.50 W/kg

Date: 2015/11/26



### CDMA BC10 RTAP 153.6k 822.8MHz Edge2 0mm Reduction

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.946$  S/m;  $\epsilon_r = 55.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.49 W/kg

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

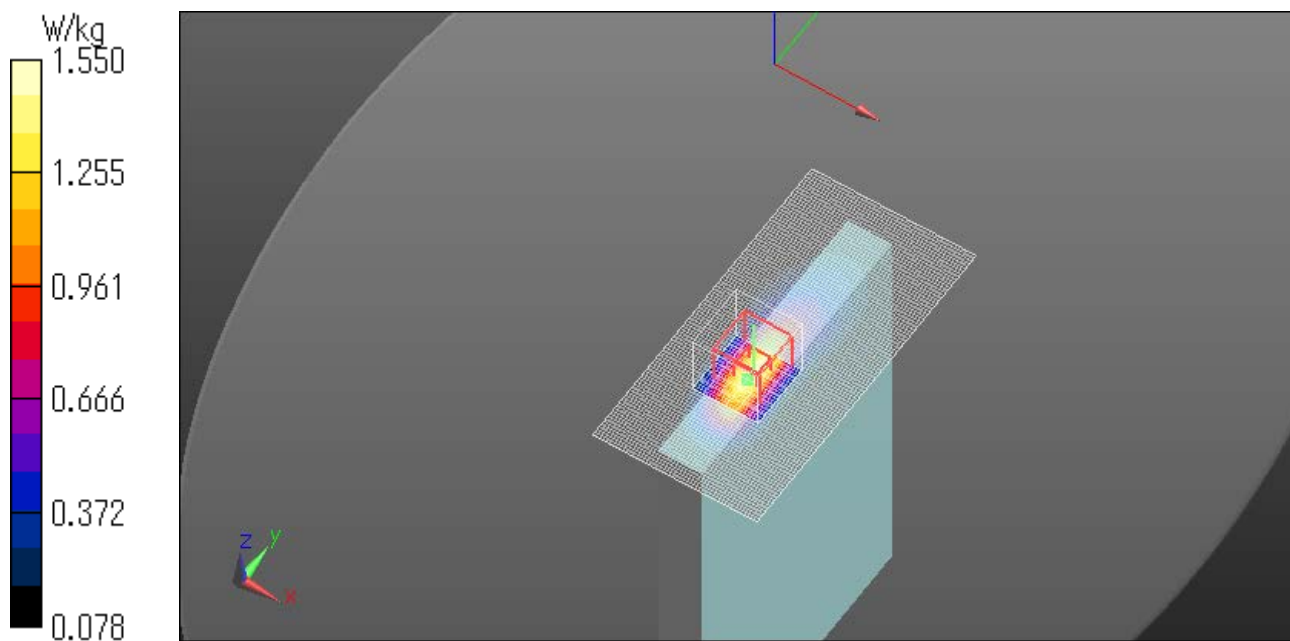
Reference Value = 43.65 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.652 W/kg**

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

Date: 2015/11/26



**CDMA BC10 RC3 SO32 817.3MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 817.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 817.3$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

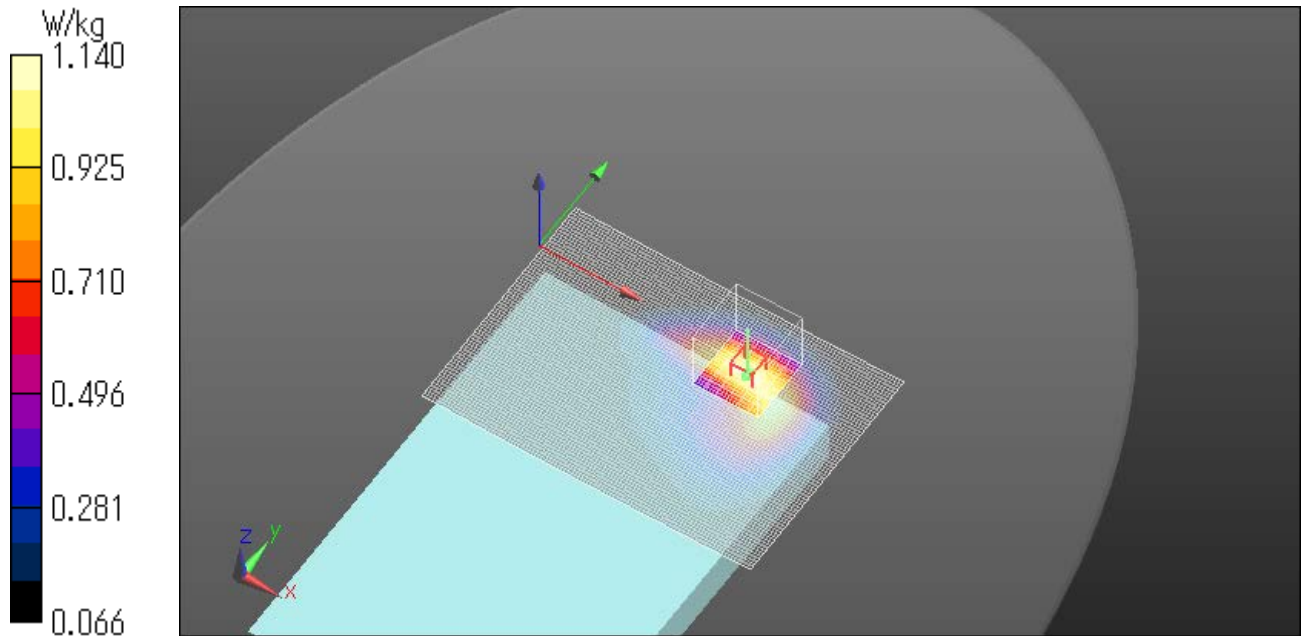
Reference Value = 37.74 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.857 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg

Date: 2015/11/26



**CDMA BC10 RC3 SO32 820MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 820 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 820 \text{ MHz}$ ;  $\sigma = 0.943 \text{ S/m}$ ;  $\epsilon_r = 55.284$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

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

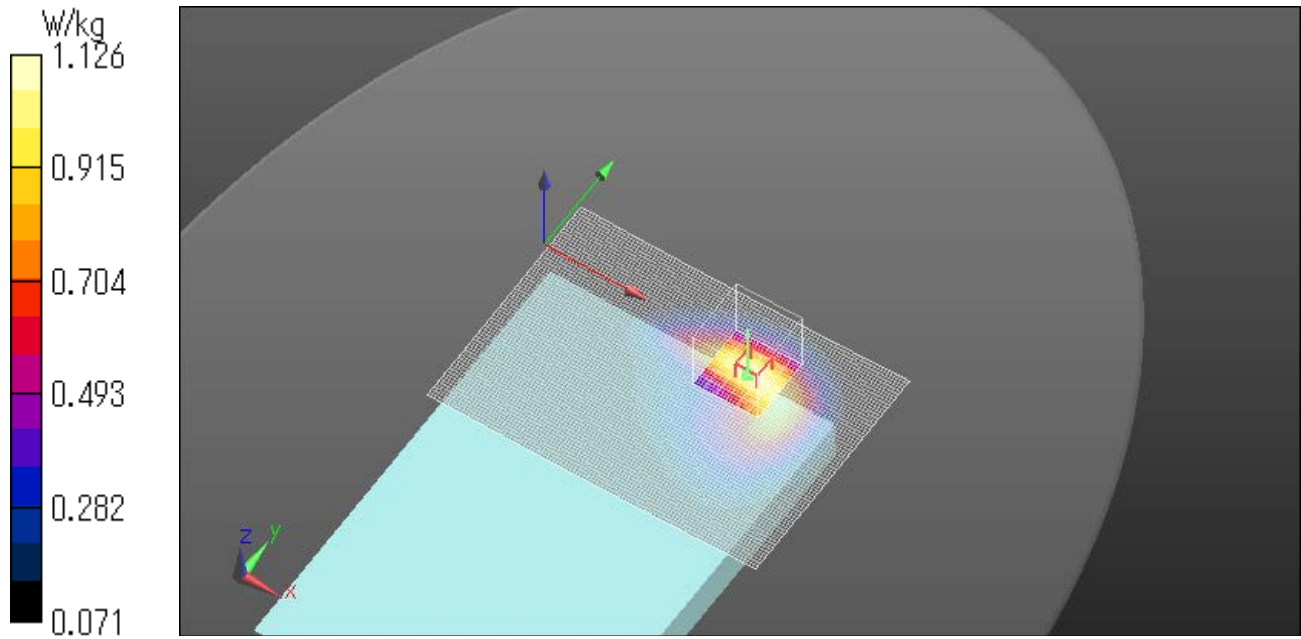
Reference Value = 37.29 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.847 W/kg**

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

Date: 2015/11/26



**CDMA BC10 RC3 SO32 822.8MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.946$  S/m;  $\epsilon_r = 55.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.16 W/kg

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

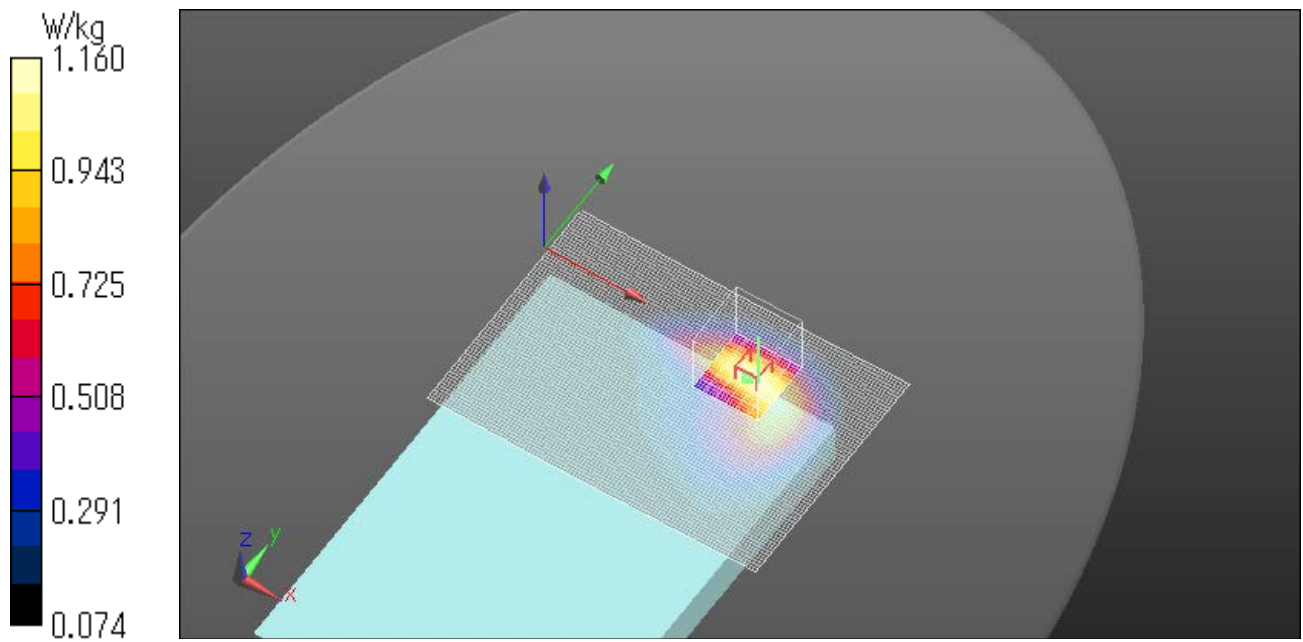
Reference Value = 37.92 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.869 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg

Date: 2015/11/26



**CDMA BC10 RTAP 153.6k 817.3MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 817.3 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 817.3$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

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

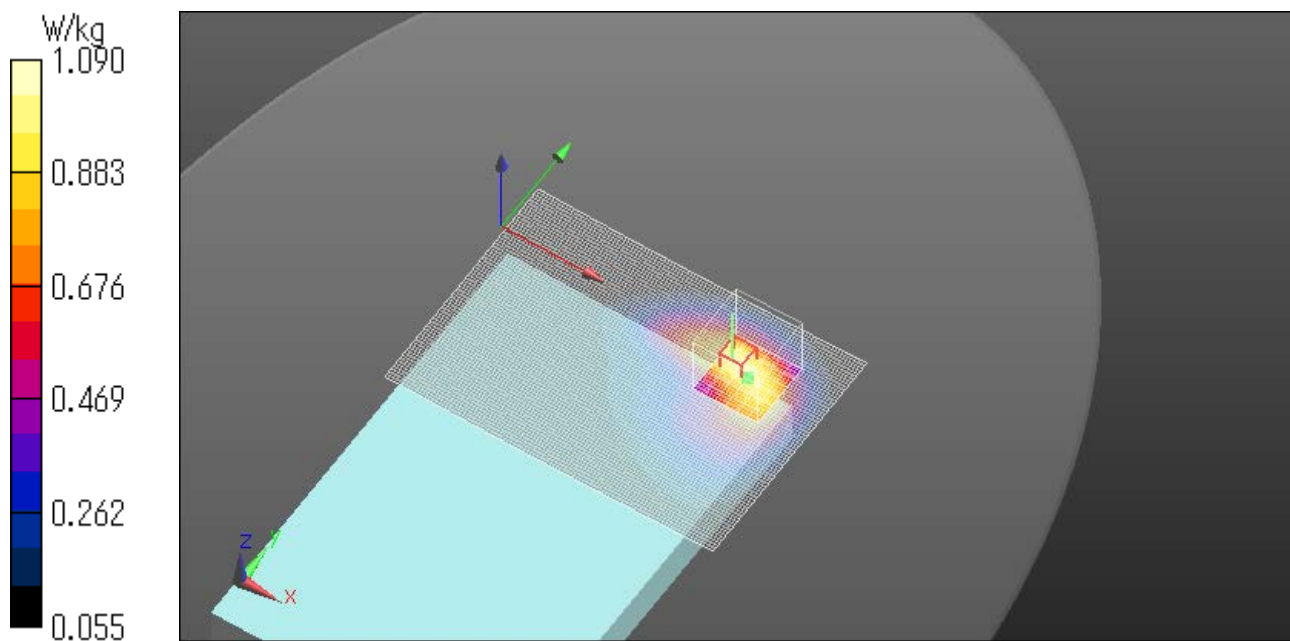
Reference Value = 34.66 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.823 W/kg**

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

Date: 2015/11/26



**CDMA BC10 RTAP 153.6k 820MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 820 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 820$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 55.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

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

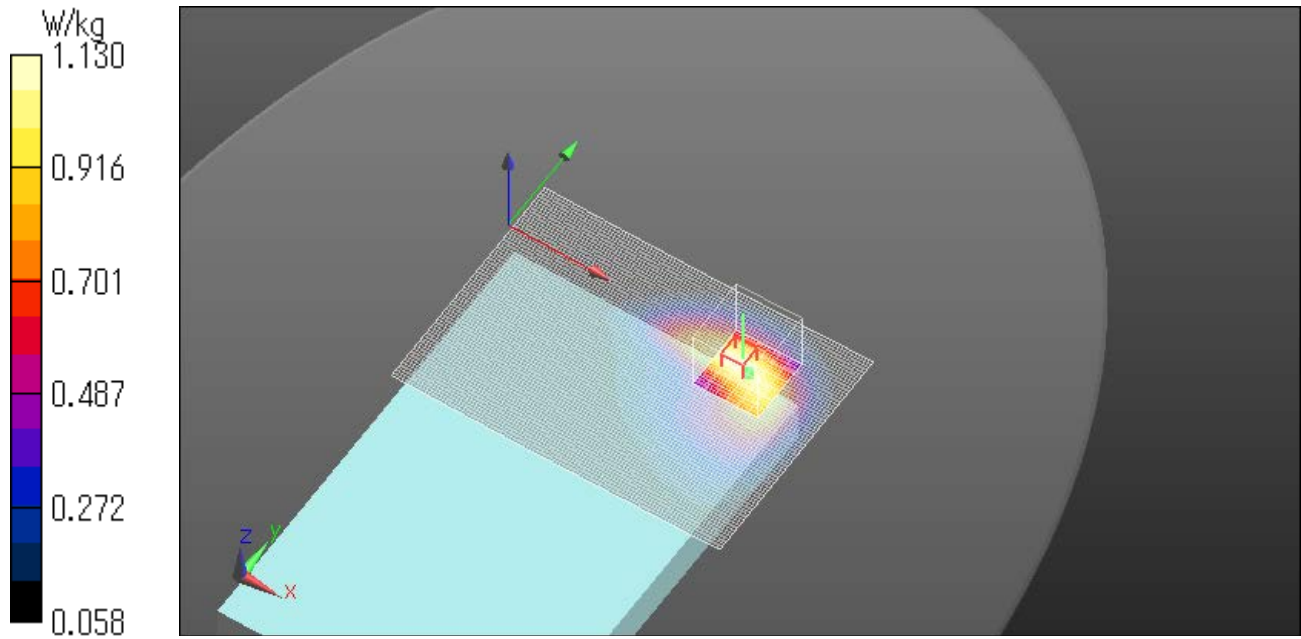
Reference Value = 36.80 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.869 W/kg**

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

Date: 2015/11/26



**CDMA BC10 RTAP 153.6k 822.8MHz Bottom 0mm Reduction**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.946$  S/m;  $\epsilon_r = 55.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.35, 10.35, 10.35); Calibrated: 2015/05/29;

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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

**Zoom Scan (8x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

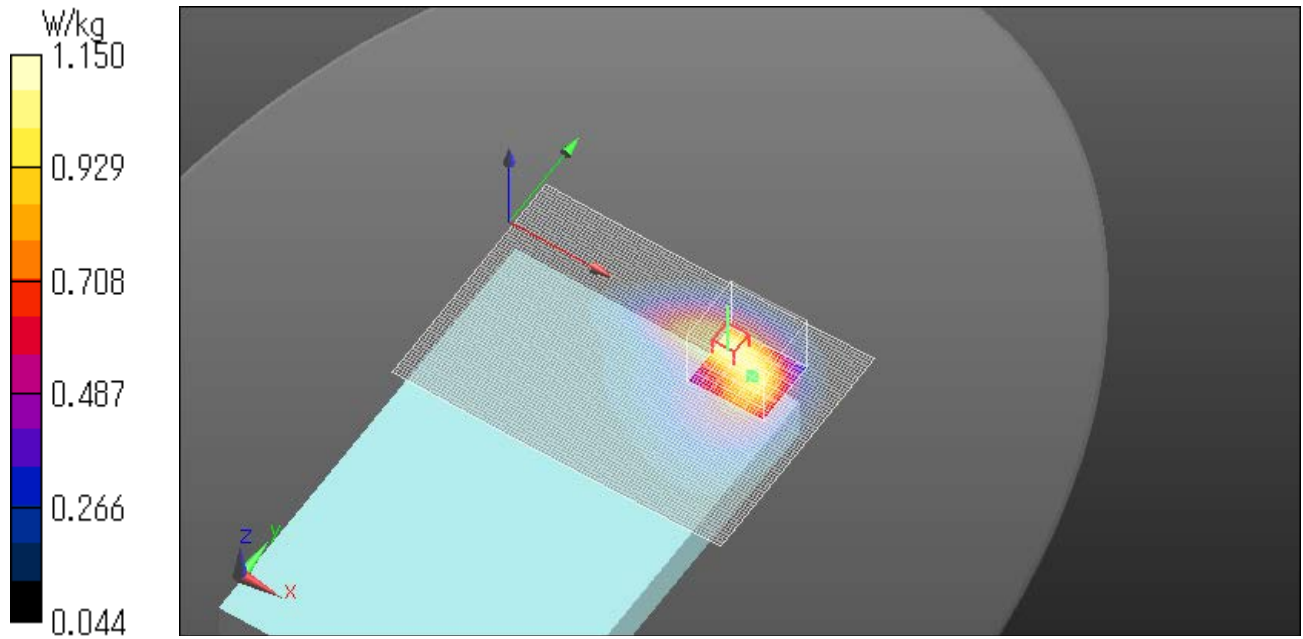
Reference Value = 35.21 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.864 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg

Date: 2015/11/26



**CDMA BC10 RC3 SO32 822.8MHz Edge1 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 53.977$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.745 W/kg

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

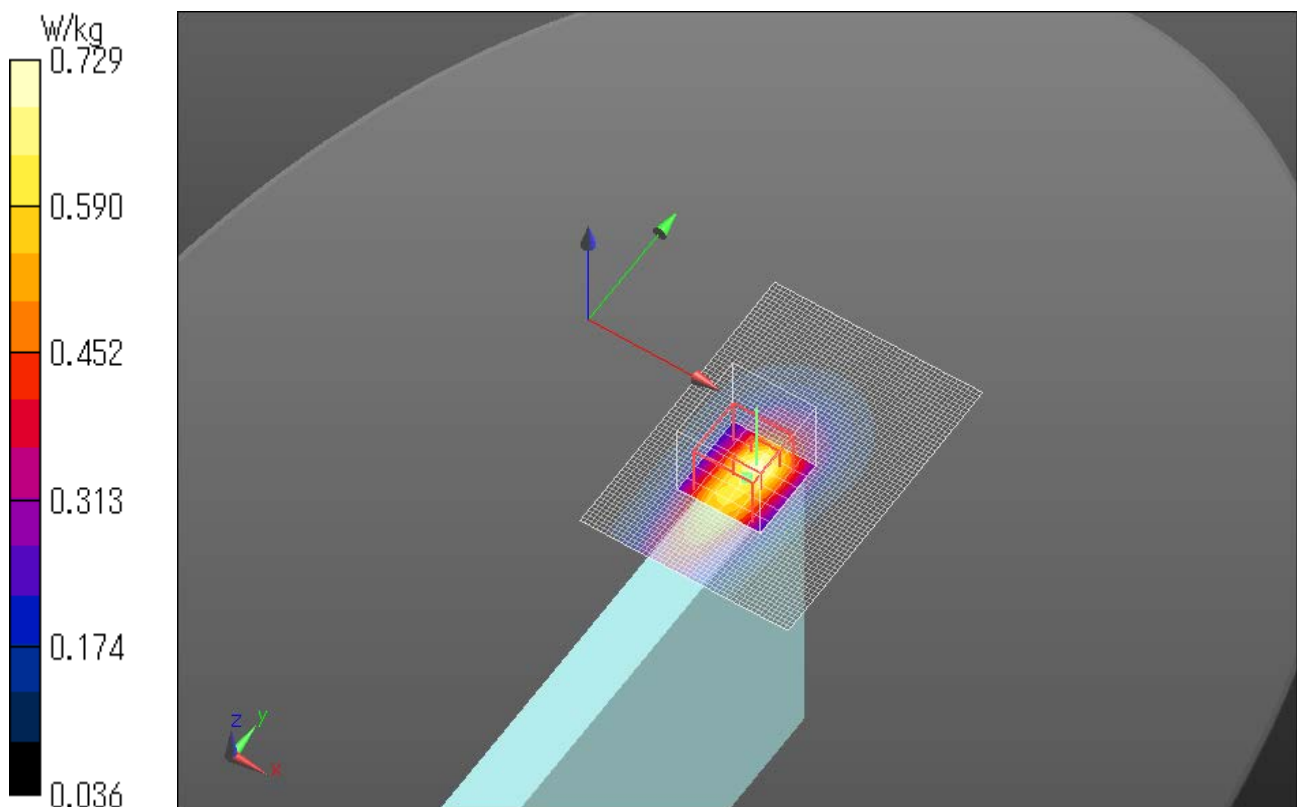
Reference Value = 29.65 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.925 W/kg

**SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.307 W/kg**

Maximum value of SAR (measured) = 0.729 W/kg

Date: 2015/11/20



**CDMA BC10 RTAP 153.6k 822.8MHz Edge1 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.951$  S/m;  $\epsilon_r = 54.387$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.769 W/kg

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

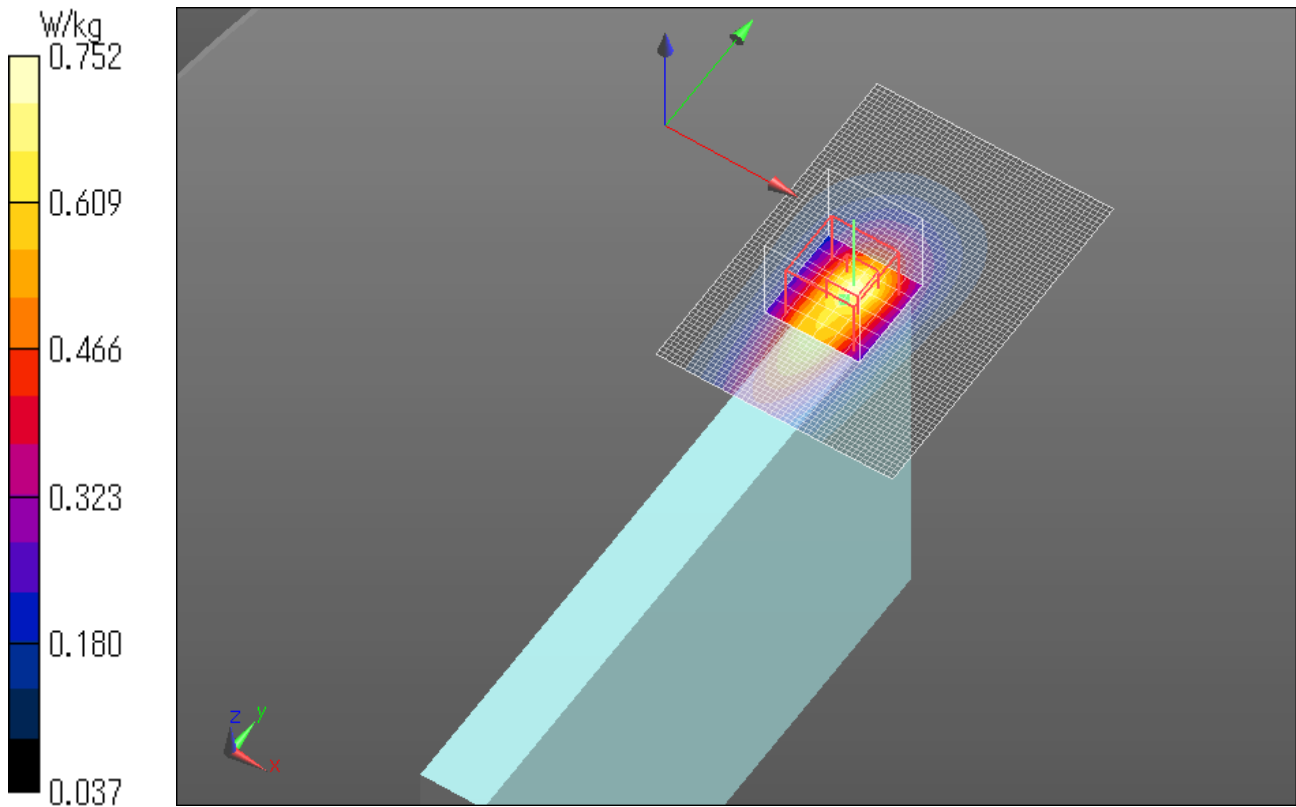
Reference Value = 30.47 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.972 W/kg

**SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.312 W/kg**

Maximum value of SAR (measured) = 0.752 W/kg

Date: 2015/11/19



**CDMA BC10 RC3 SO32 822.8MHz Edge2 23mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 53.977$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.291 W/kg

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

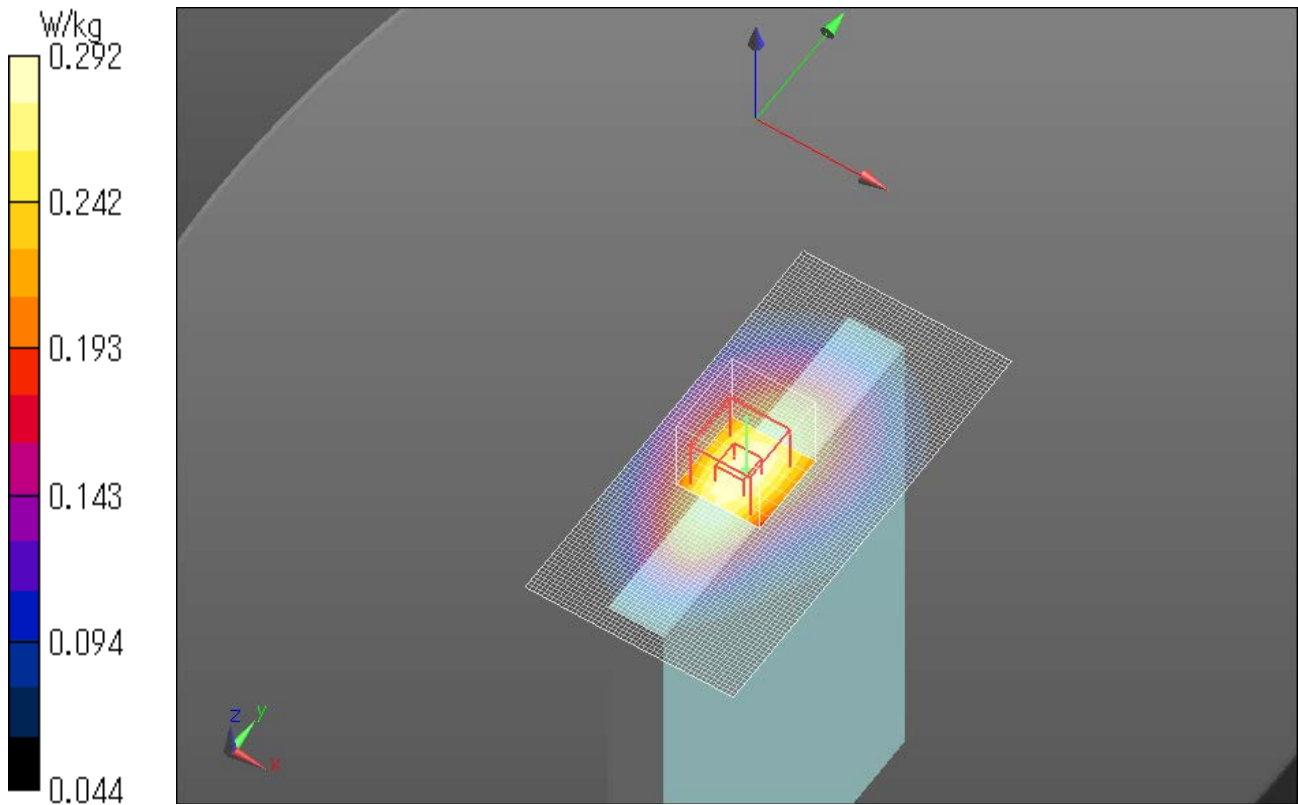
Reference Value = 18.61 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.292 W/kg

Date: 2015/11/20



**CDMA BC10 RTAP 153.6k 822.8MHz Edge2 23mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.951$  S/m;  $\epsilon_r = 54.387$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.250 W/kg

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

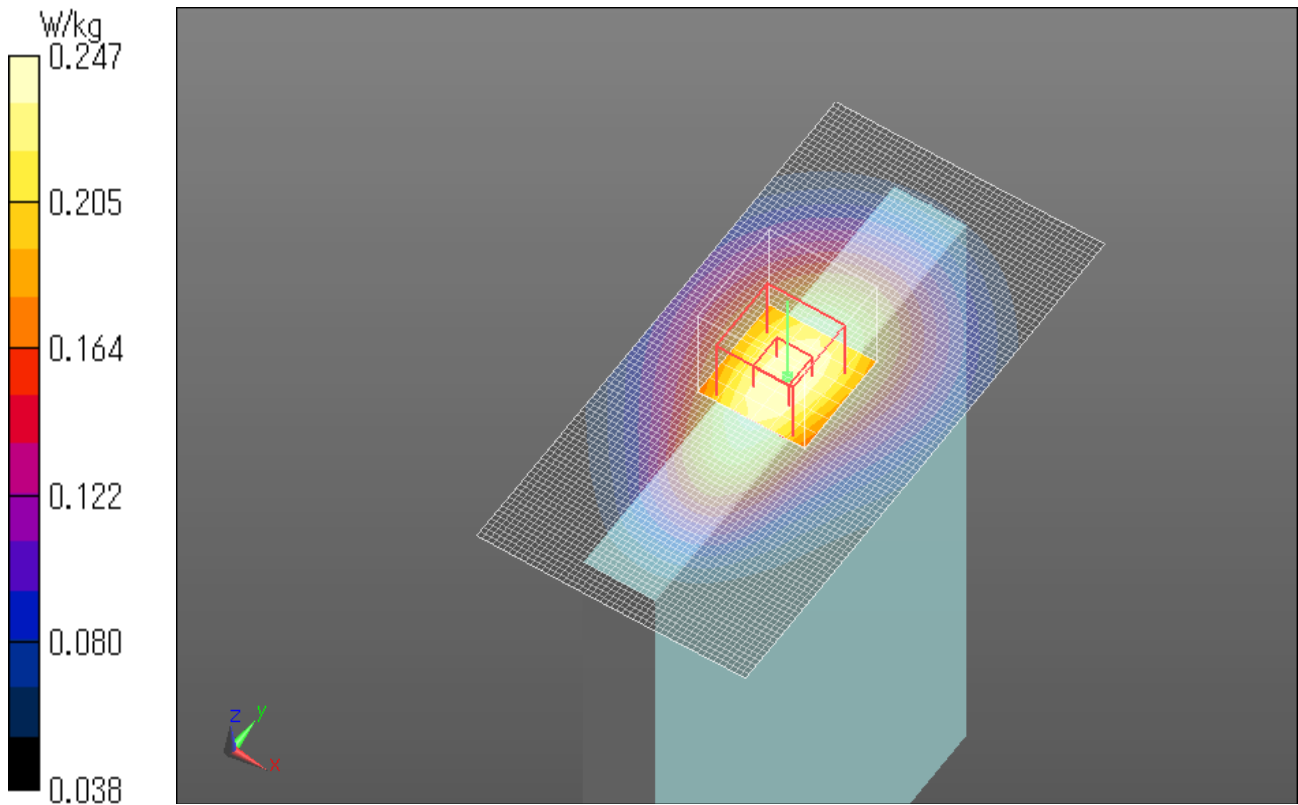
Reference Value = 17.38 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.273 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.157 W/kg**

Maximum value of SAR (measured) = 0.247 W/kg

Date: 2015/11/19



**CDMA BC10 RC3 SO32 822.8MHz Edge3 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 53.977$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.146 W/kg

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

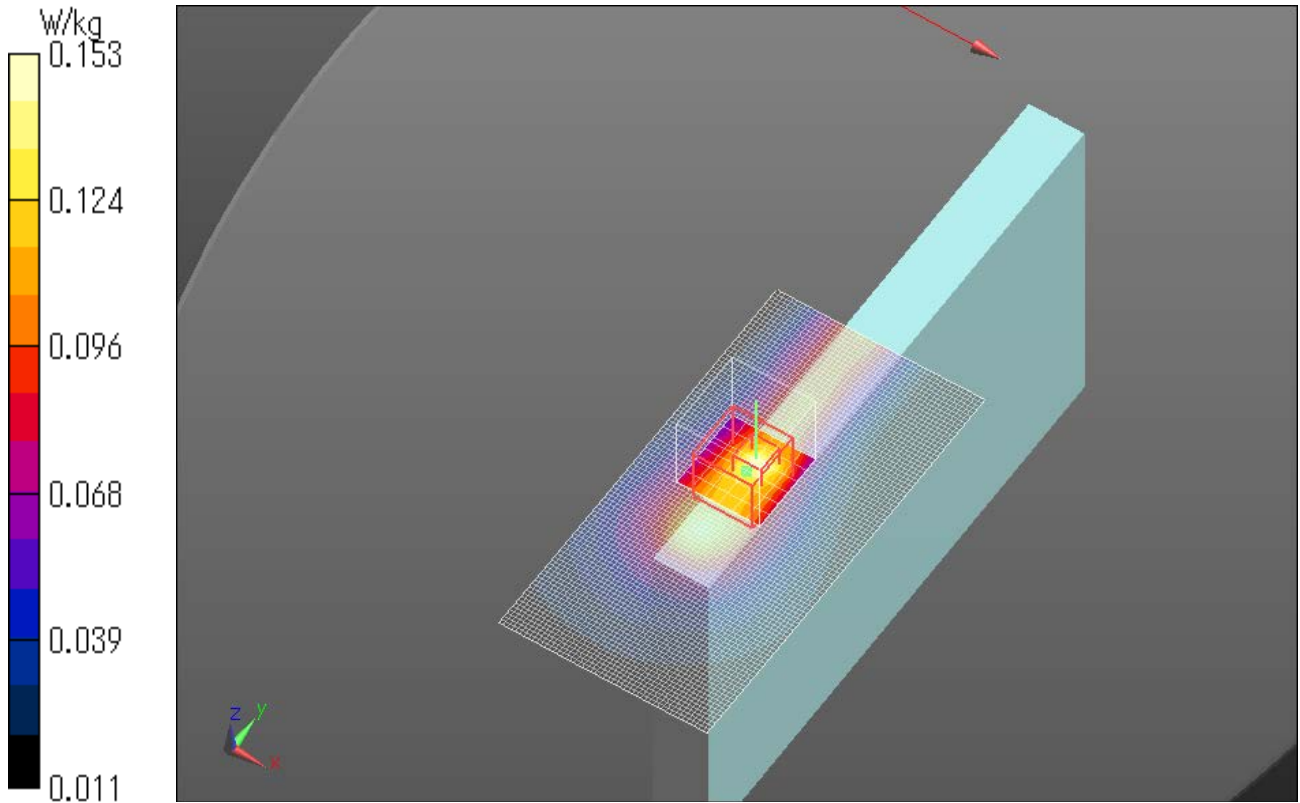
Reference Value = 13.24 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg

Date: 2015/11/20



**CDMA BC10 RTAP 153.6k 822.8MHz Edge3 0mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.951$  S/m;  $\epsilon_r = 54.387$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.138 W/kg

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

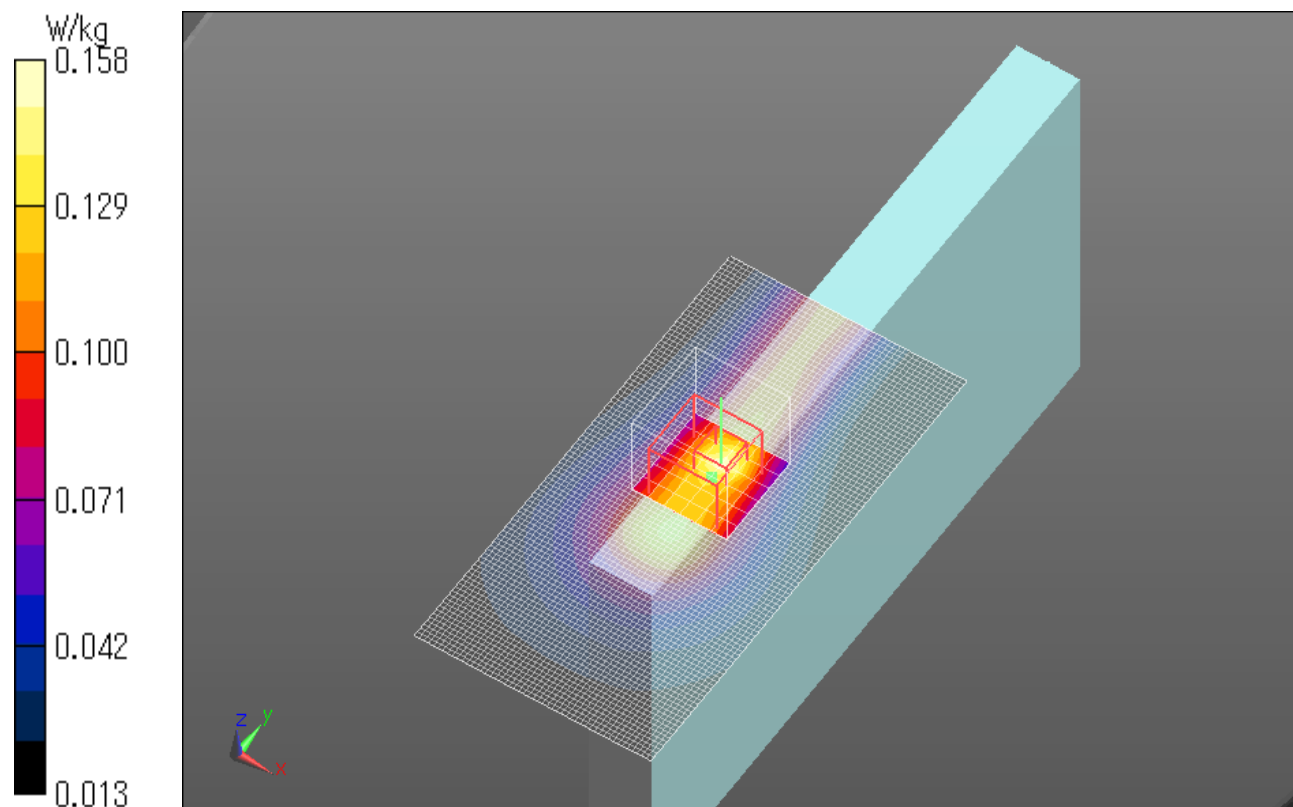
Reference Value = 12.92 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.158 W/kg

Date: 2015/11/19



**CDMA BC10 RC3 SO32 822.8MHz Bottom 18mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 53.977$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.231 W/kg

**Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

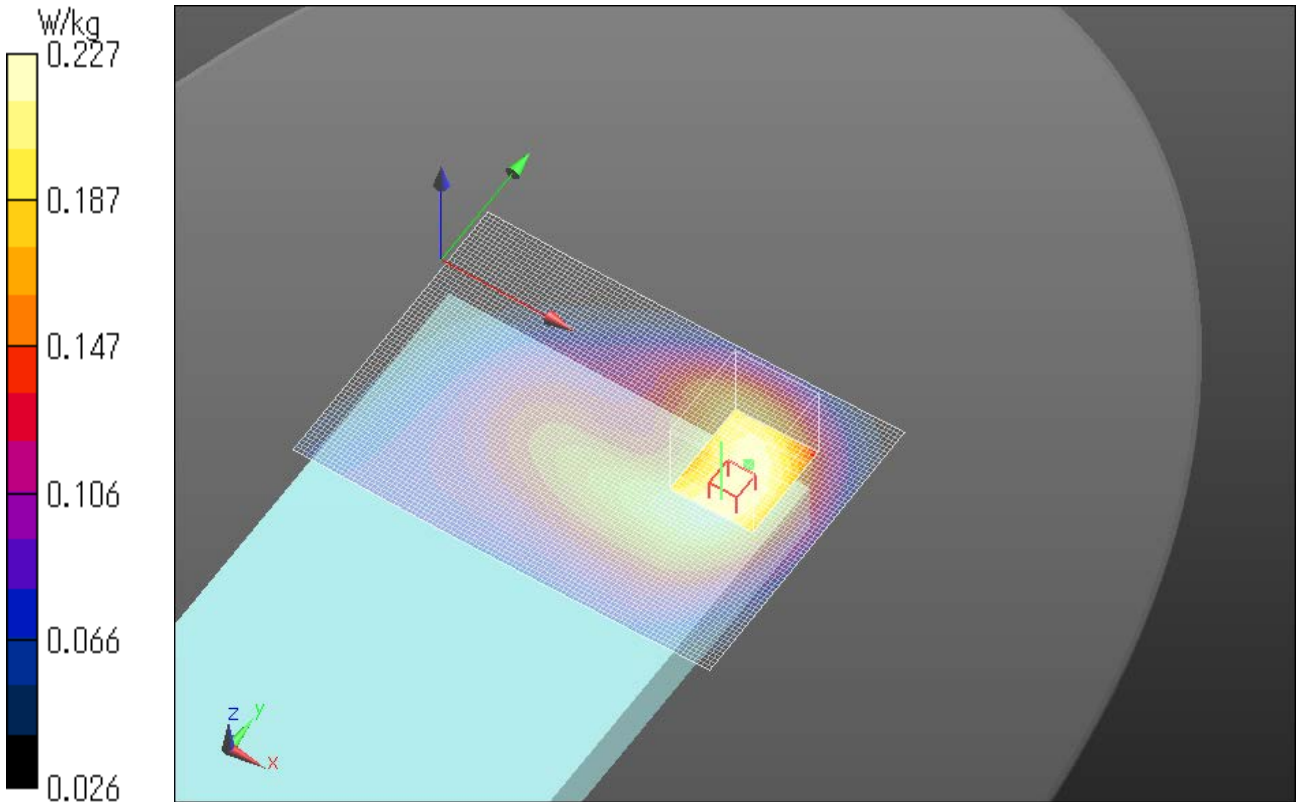
Reference Value = 16.54 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.259 W/kg

**SAR(1 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.227 W/kg

Date: 2015/11/20



**CDMA BC10 RTAP 153.6k 822.8MHz Bottom 18mm**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800; Frequency: 822.8 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.8$  MHz;  $\sigma = 0.951$  S/m;  $\epsilon_r = 54.387$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(9.49, 9.49, 9.49); 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 (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

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

Reference Value = 16.42 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.255 W/kg

**SAR(1 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 0.224 W/kg

Date: 2015/11/19

