

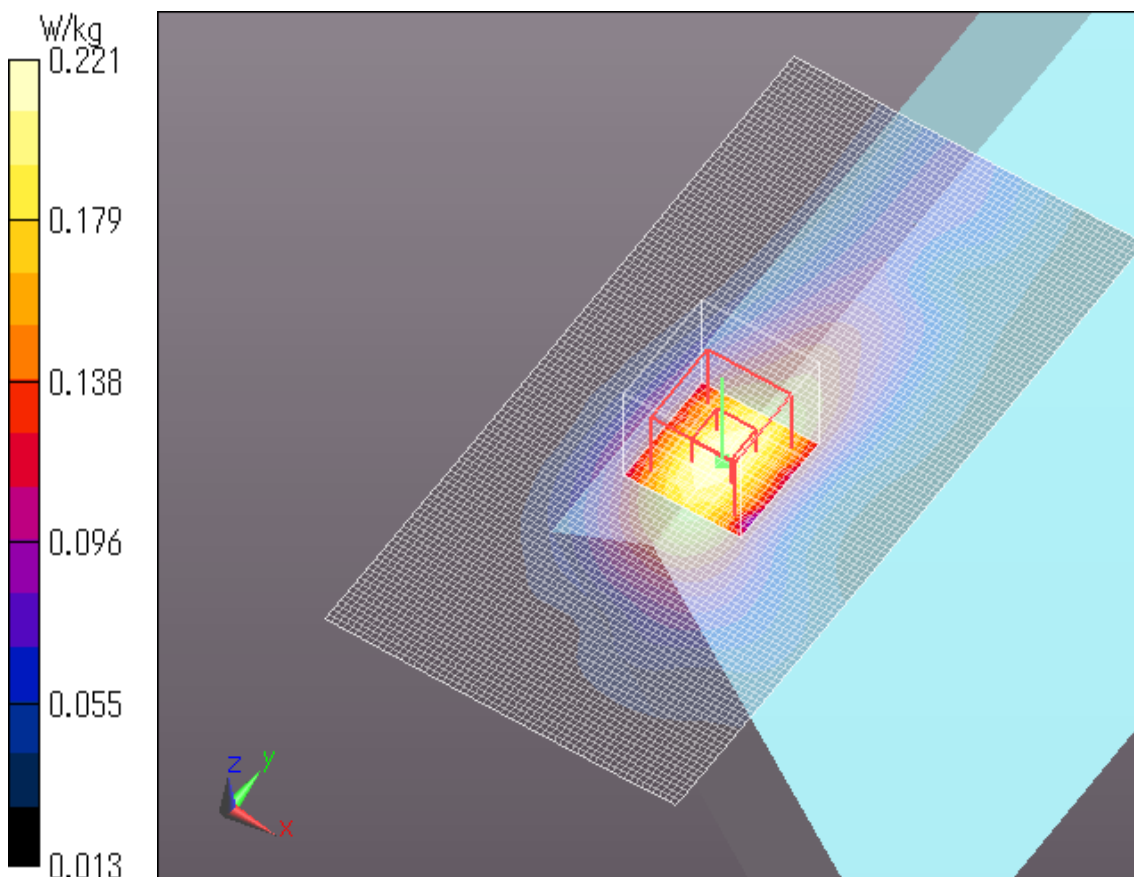
## 15.10 SAR test plots for CDMA Band 10

### CDMA BC10 1xEVDO Rel.0 Main Ant Position 2 9mm Full power 820.10MHz

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800;  
Frequency: 820.1 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 820.1$  MHz;  $\sigma = 0.95$  S/m;  $\epsilon_r = 54.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3825; ConvF(9.41, 9.41, 9.41); Calibrated: 2013/12/13;  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn509; Calibrated: 2013/07/16  
Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.224 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 15.665 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.264 W/kg  
**SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.114 W/kg**  
Maximum value of SAR (measured) = 0.221 W/kg



Plot No.1

**CDMA BC10 1xEVDO Rel.0 Main Ant Position4 6mm Full power 820.10MHz**

Communication System: UID 0, CDMA2000 (0); Communication System Band: Secondary 800;  
Frequency: 820.1 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 820.1$  MHz;  $\sigma = 0.95$  S/m;  $\epsilon_r = 54.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3825; ConvF(9.41, 9.41, 9.41); Calibrated: 2013/12/13;  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn509; Calibrated: 2013/07/16  
Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045  
Measurement SW: DASYS2, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Area Scan (161x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.0774 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 9.009 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.0850 W/kg  
**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.043 W/kg**  
Maximum value of SAR (measured) = 0.0718 W/kg

