

Test Laboratory: UL CCS SAR Lab A

001_Rear_CDMA AWS_1xRTT

Communication System: CDMA2000 (1xRTT); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r = 53.633$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.28, 7.28, 7.28); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

Rear Vol/1xRTT (RC3, SO32)_M-ch/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.114 mW/g

Rear Vol/1xRTT (RC3, SO32)_M-ch/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

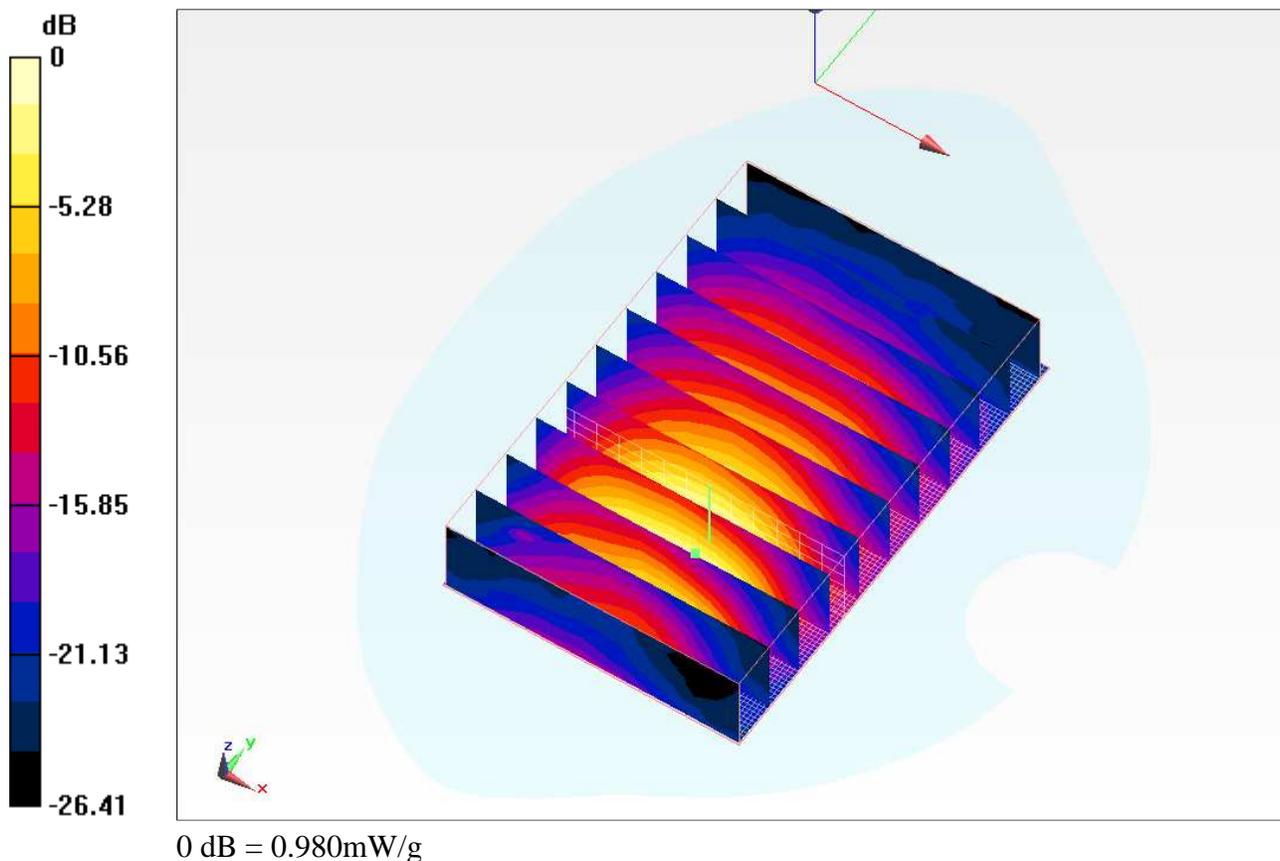
Reference Value = 26.086 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.294 W/kg

SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.506 mW/g

Total Absorbed Power = 0.0388621 W

Maximum value of SAR (measured) = 0.983 mW/g



Test Laboratory: UL CCS SAR Lab A

001_Rear_CDMA_AWS_1xEVDO

Communication System: CDMA2000 (1xEV-DO); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r = 53.633$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(7.28, 7.28, 7.28); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Rear Vol/1xEVDO_M-Ch Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.854 mW/g

Rear Vol/1xEVDO_M-Ch /Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.108 V/m; Power Drift = -0.16 dB

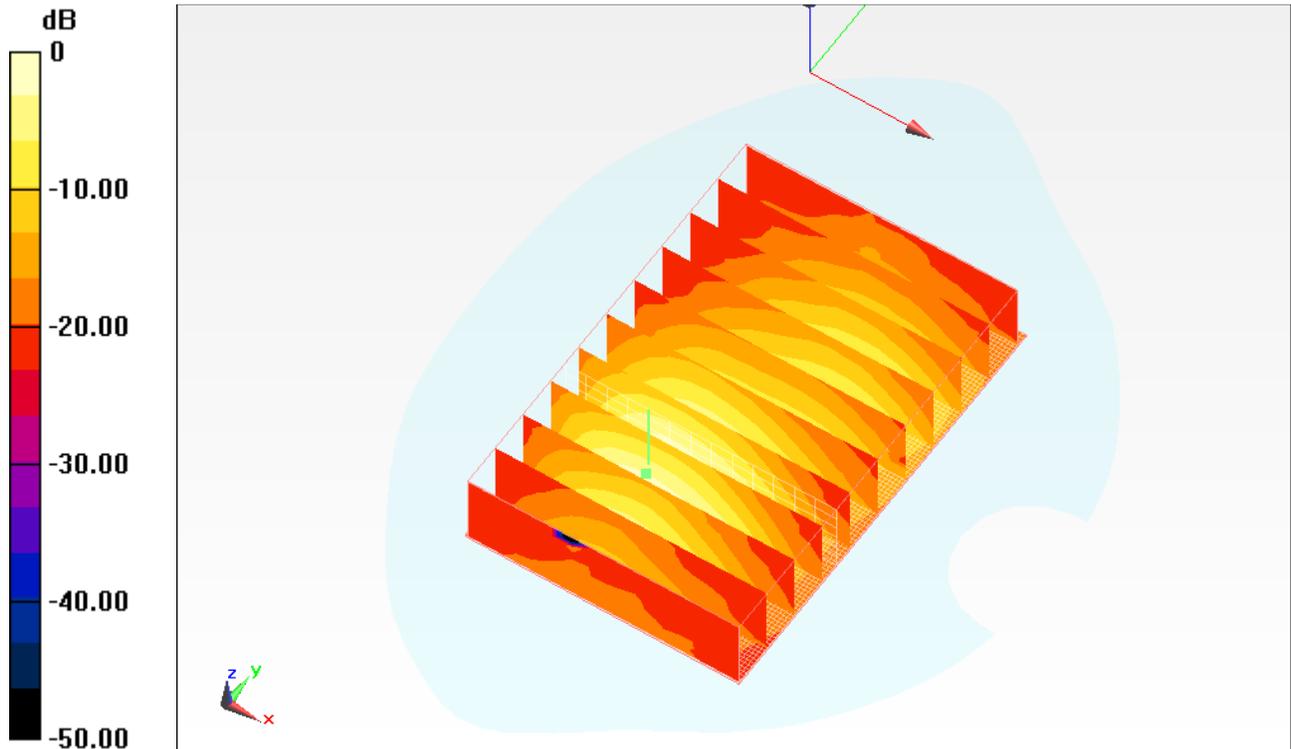
Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.342 mW/g

Total Absorbed Power = 0.0268554 W

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.707 mW/g



0 dB = 0.710mW/g

Test Laboratory: UL CCS SAR Lab A

Rear_WiFi_802.11b

Communication System: IEEE 802.11b WiFi 2.4GHz ; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.995$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.86, 6.86, 6.86); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Rear/802.11b M-ch/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.224 mW/g

Rear/802.11b M-ch/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

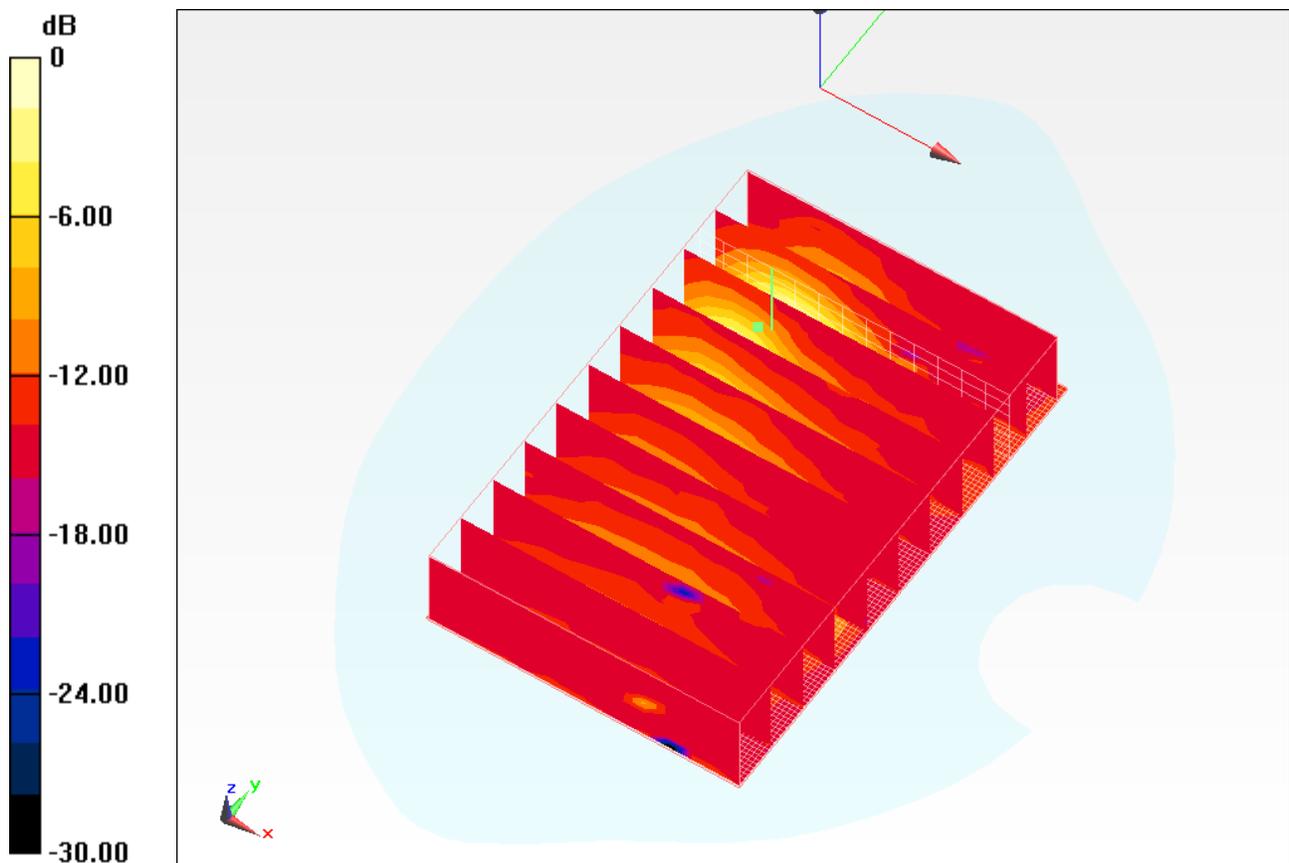
Reference Value = 9.652 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.085 mW/g

Total Absorbed Power = 0.0075346 W

Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

Test Laboratory: UL CCS SAR Lab A

002_Rear_CDMA PCS Band_1xEvDo

Communication System: CDMA2000 (1xEV-DO); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r = 53.728$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Rear/1xEvDo M-ch/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.806 mW/g

Rear/1xEvDo M-ch/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

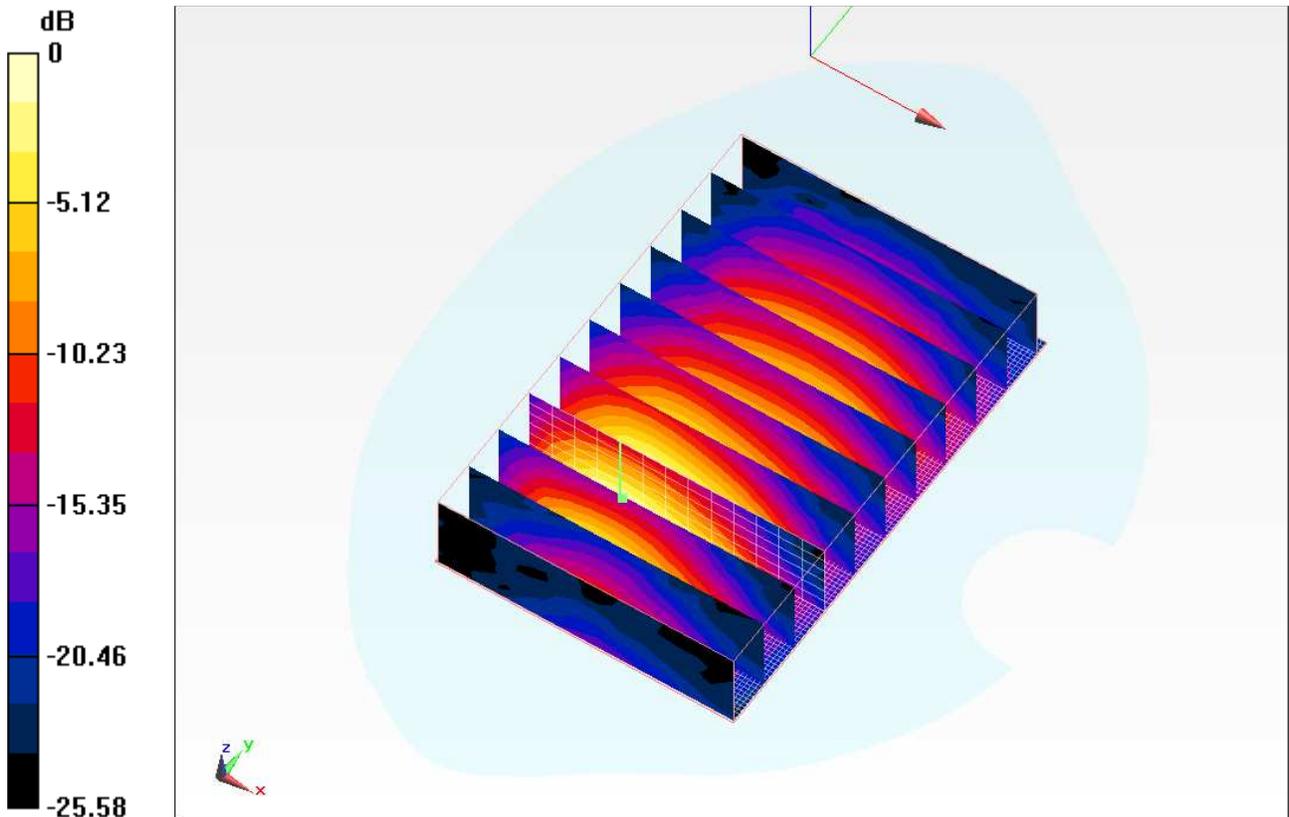
Reference Value = 21.192 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.307 mW/g

Total Absorbed Power = 0.0253729 W

Maximum value of SAR (measured) = 0.666 mW/g



0 dB = 0.670mW/g

Test Laboratory: UL CCS SAR Lab A

001_Rear_CDMA PCS Band_1xRTT

Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r = 53.728$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Rear/1xRTT (RC3, SO32)_M-ch/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.377 mW/g

Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

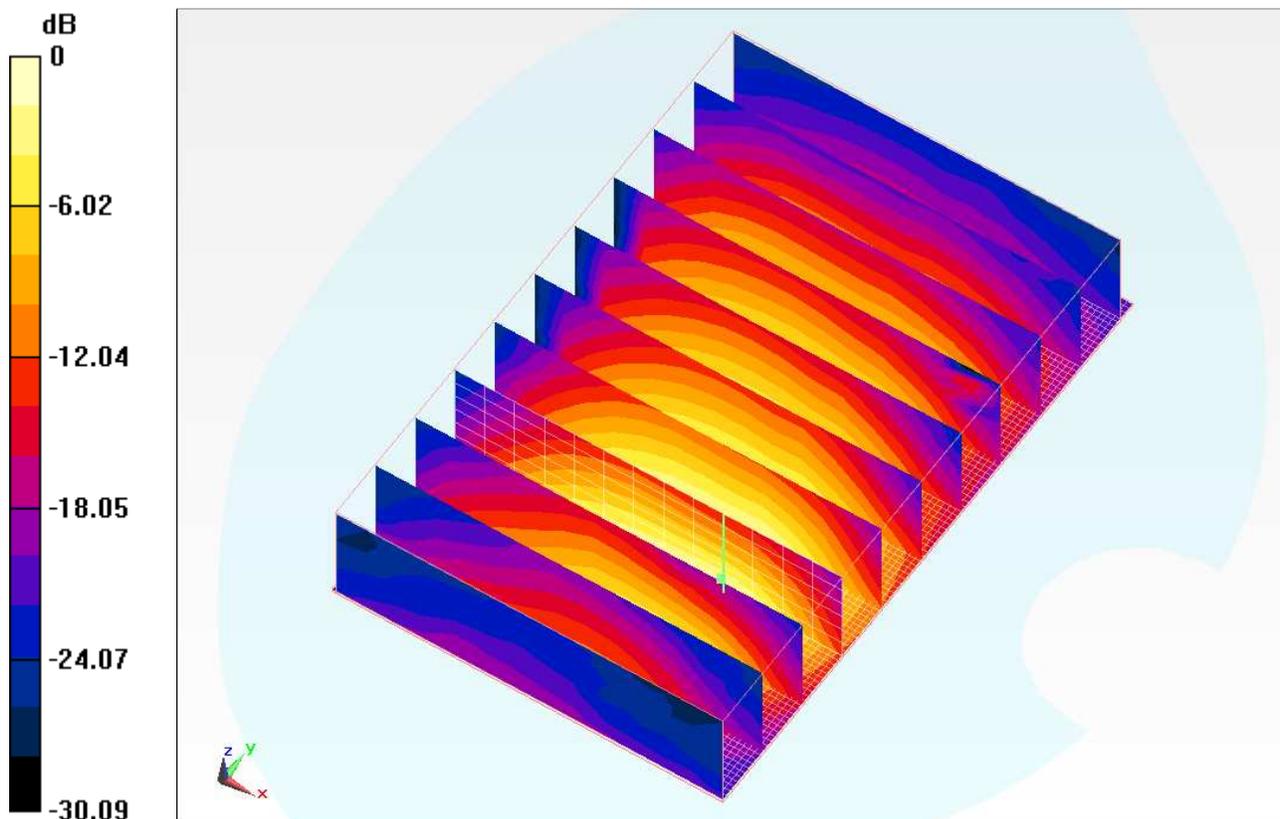
Reference Value = 28.020 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.644 W/kg

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.583 mW/g

Total Absorbed Power = 0.0578905 W

Maximum value of SAR (measured) = 1.209 mW/g



0 dB = 1.210mW/g