## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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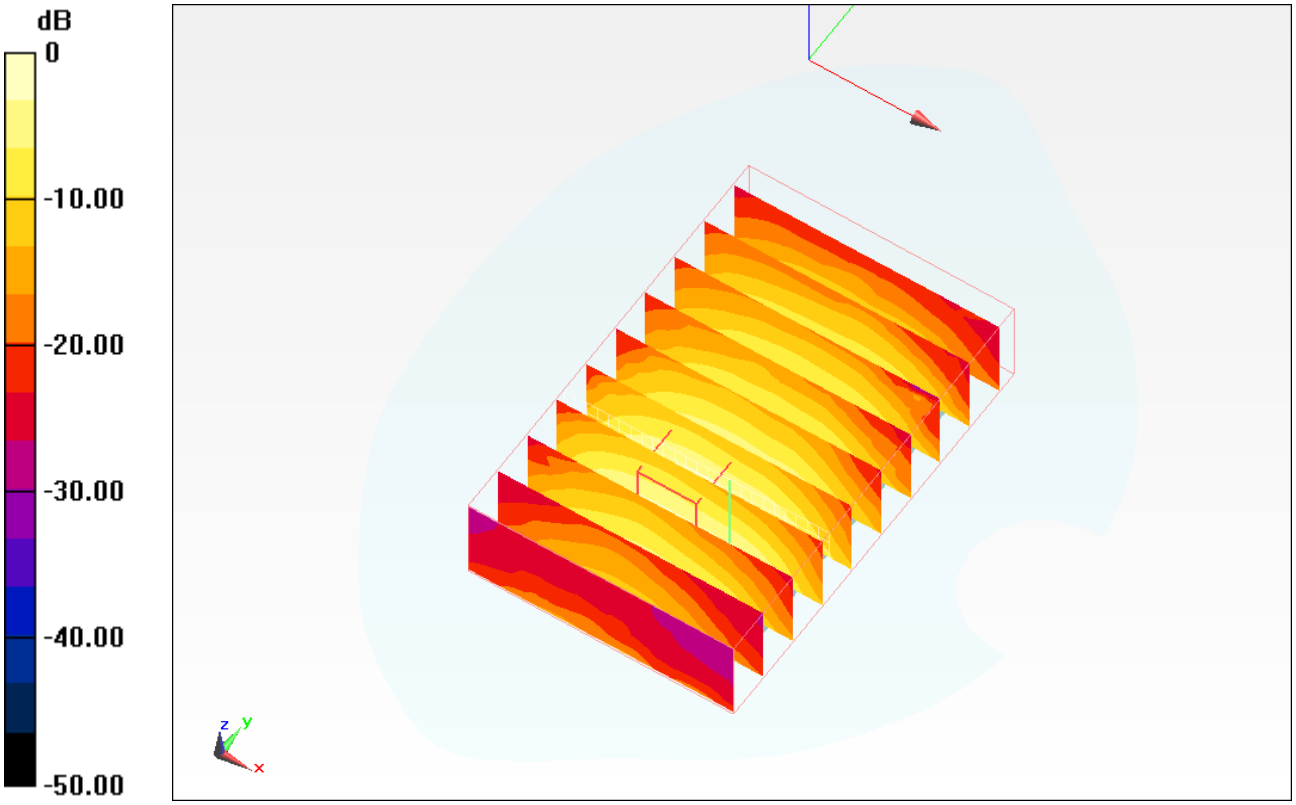
### DASY Configuration for Rear 1.4 MHz/16QAM_#RB6_RB0_M-ch_VOLUME 2/Volume Scan:

Date/Time: 8/30/2011 12:30:06 PM
Test Laboratory: UL CCS SAR Lab A
File Name: LTE Band 4_1.4M_Body-Worn.da52:0
Communication System: LTE 1.4MHz; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.473 mho/m; $\varepsilon_r$ = 53.037; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

**Multi Band Result:**
**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.746 mW/g**
Maximum value of SAR (interpolated) = 1.796 mW/g




0 dB = 1.800mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear 1.4 MHz/16QAM_#RB6_RB0_M-ch_VOLUME 2/Volume Scan:

Date/Time: 8/30/2011 12:30:06 PM
Test Laboratory: UL CCS SAR Lab A
File Name: LTE Band 4_1.4M_Body-Worn.da52:0
Communication System: LTE 1.4MHz; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.473 mho/m; $\varepsilon_r$ = 53.037; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

### DASY Configuration for Rear/802.11b M-ch/Volume Scan:

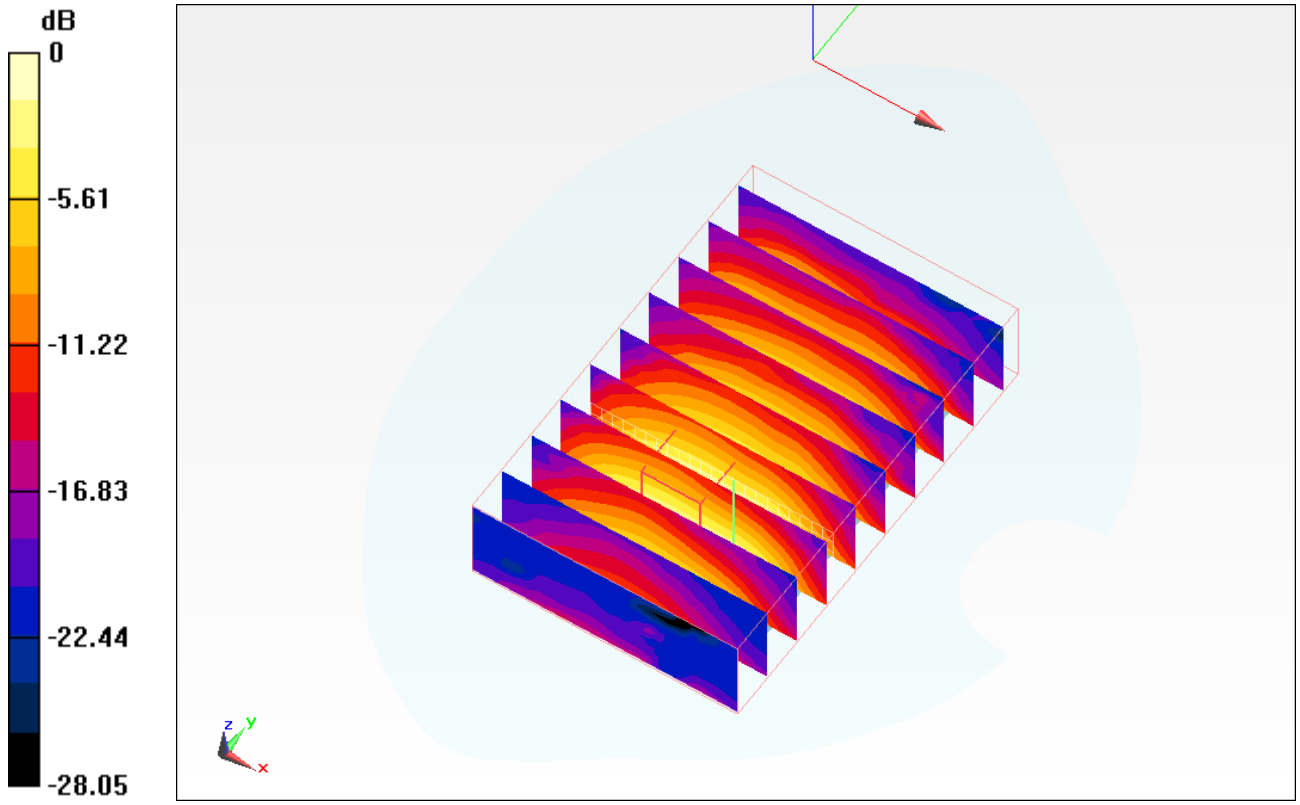
Date/Time: 9/15/2011 9:46:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Rear_WiFi_802.11b.da52:0
Communication System: IEEE 802.11b WiFi 2.4GHz ; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.995 mho/m; $\varepsilon_r$ = 53.5; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

**Multi Band Result:**
**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.764 mW/g**
Maximum value of SAR (interpolated) = 1.828 mW/g




0 dB = 1.830mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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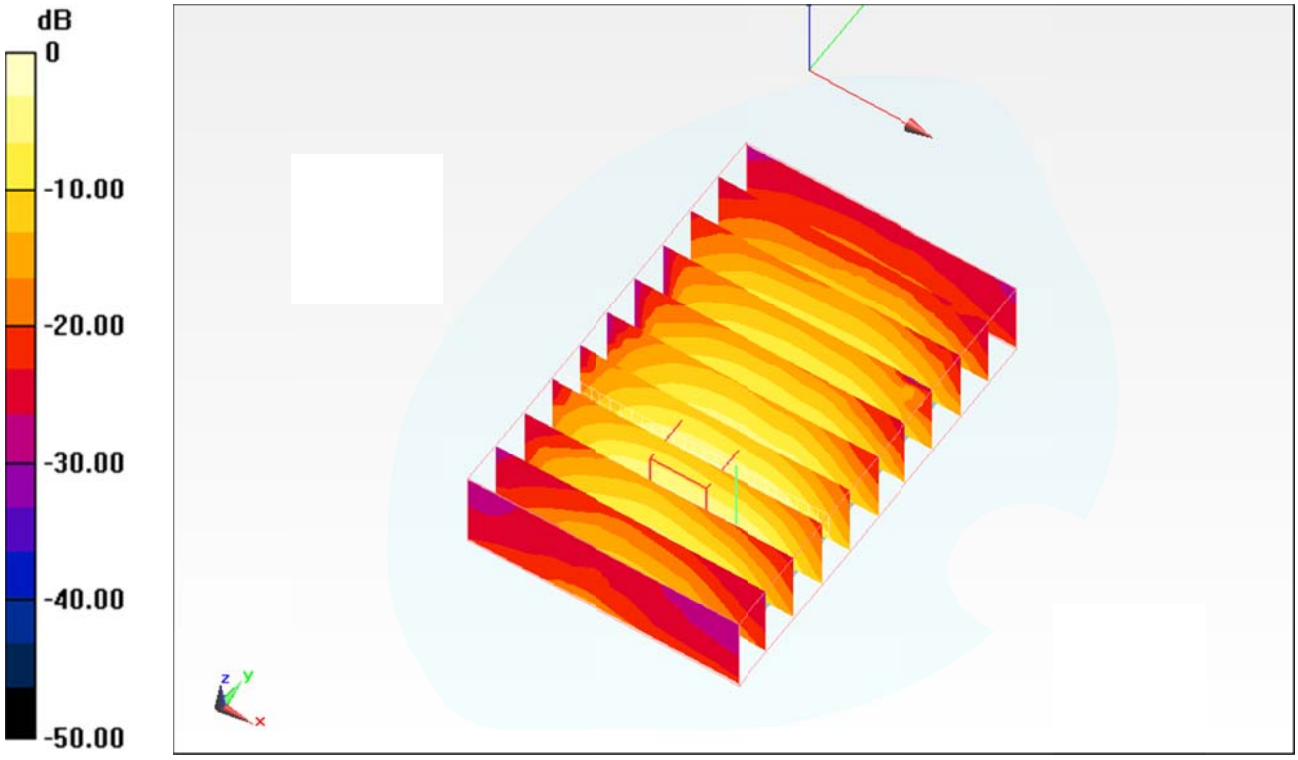
### DASY Configuration for Rear/Volume_QPSK_#RB8_RB4_M-ch/Volume Scan:

Date/Time: 8/30/2011 4:04:40 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Volume Scan LTE Band 4_3M_Body-Worn.da52:0
Communication System: LTE 3MHz; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.464 mho/m; $\varepsilon_r$ = 52.576; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

**Multi Band Result:**
**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.725 mW/g**
Maximum value of SAR (interpolated) = 1.780 mW/g




0 dB = 1.780mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

### DASY Configuration for Rear/Volume_QPSK_#RB8_RB4_M-ch/Volume Scan:

Date/Time: 8/30/2011 4:04:40 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Volume Scan LTE Band 4_3M_Body-Worn.da52:0
Communication System: LTE 3MHz; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.464 mho/m; $\varepsilon_r$ = 52.576; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear/802.11b M-ch/Volume Scan:

Date/Time: 9/15/2011 9:46:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Rear_WiFi_802.11b.da52:0
Communication System: IEEE 802.11b WiFi 2.4GHz ; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.995 mho/m; $\varepsilon_r$ = 53.5; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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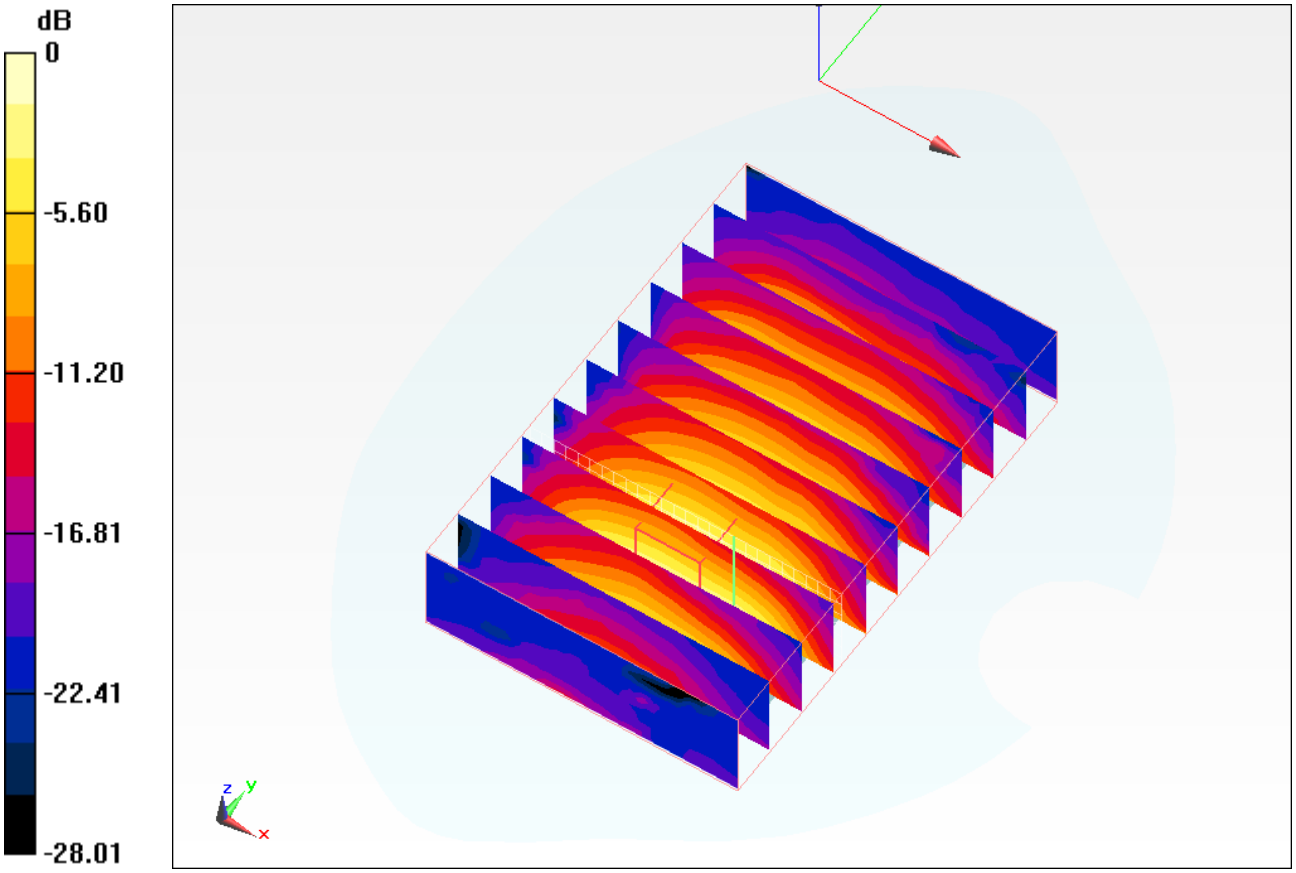
**Multi Band Result:**
**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.743 mW/g**
Maximum value of SAR (interpolated) = 1.811 mW/g




0 dB = 1.810mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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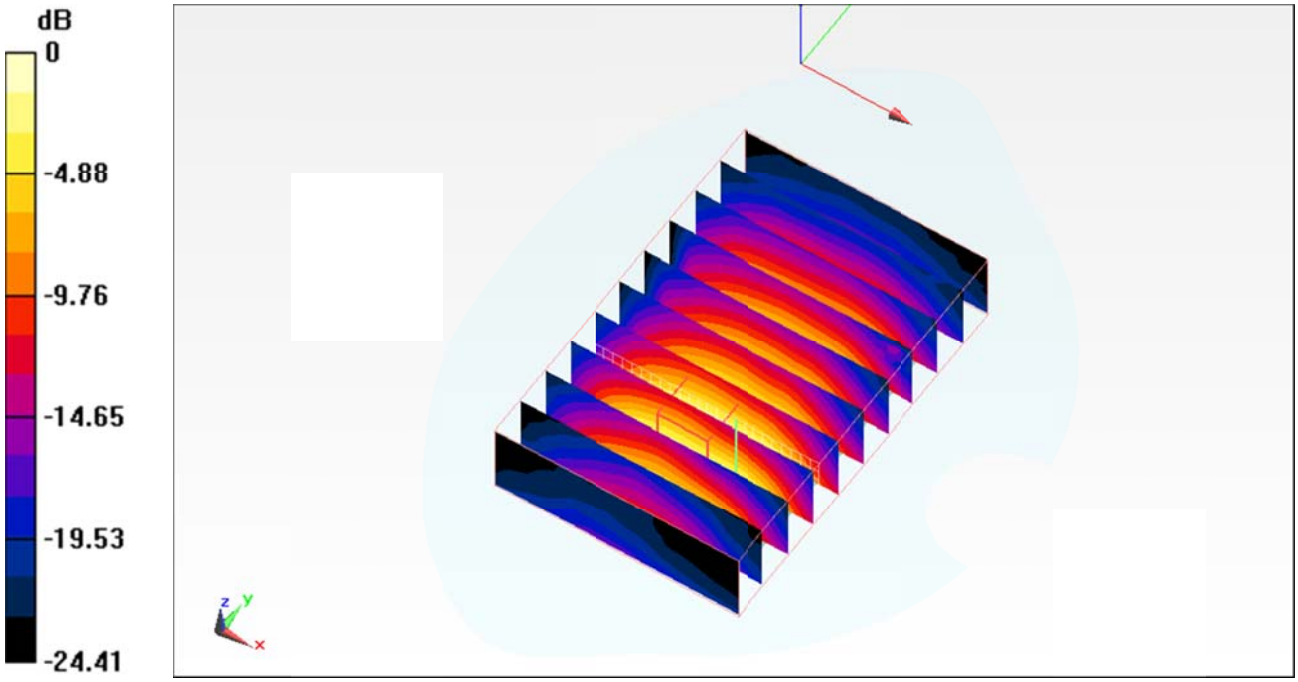
### DASY Configuration for Rear/16QAM_#RB1_RB24_M-ch VOL/Volume Scan:

Date/Time: 8/30/2011 7:21:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Volume Scan LTE Band 4_5M_Body-Worn.da52:0
Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.464 mho/m; $\varepsilon_r$ = 52.576; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

**Multi Band Result:**
**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.731 mW/g**
Maximum value of SAR (interpolated) = 1.784 mW/g




0 dB = 1.780mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear/16QAM_#RB1_RB24_M-ch VOL/Volume Scan:

Date/Time: 8/30/2011 7:21:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Volume Scan LTE Band 4_5M_Body-Worn.da52:0
Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.464 mho/m; $\varepsilon_r$ = 52.576; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear/802.11b M-ch/Volume Scan:

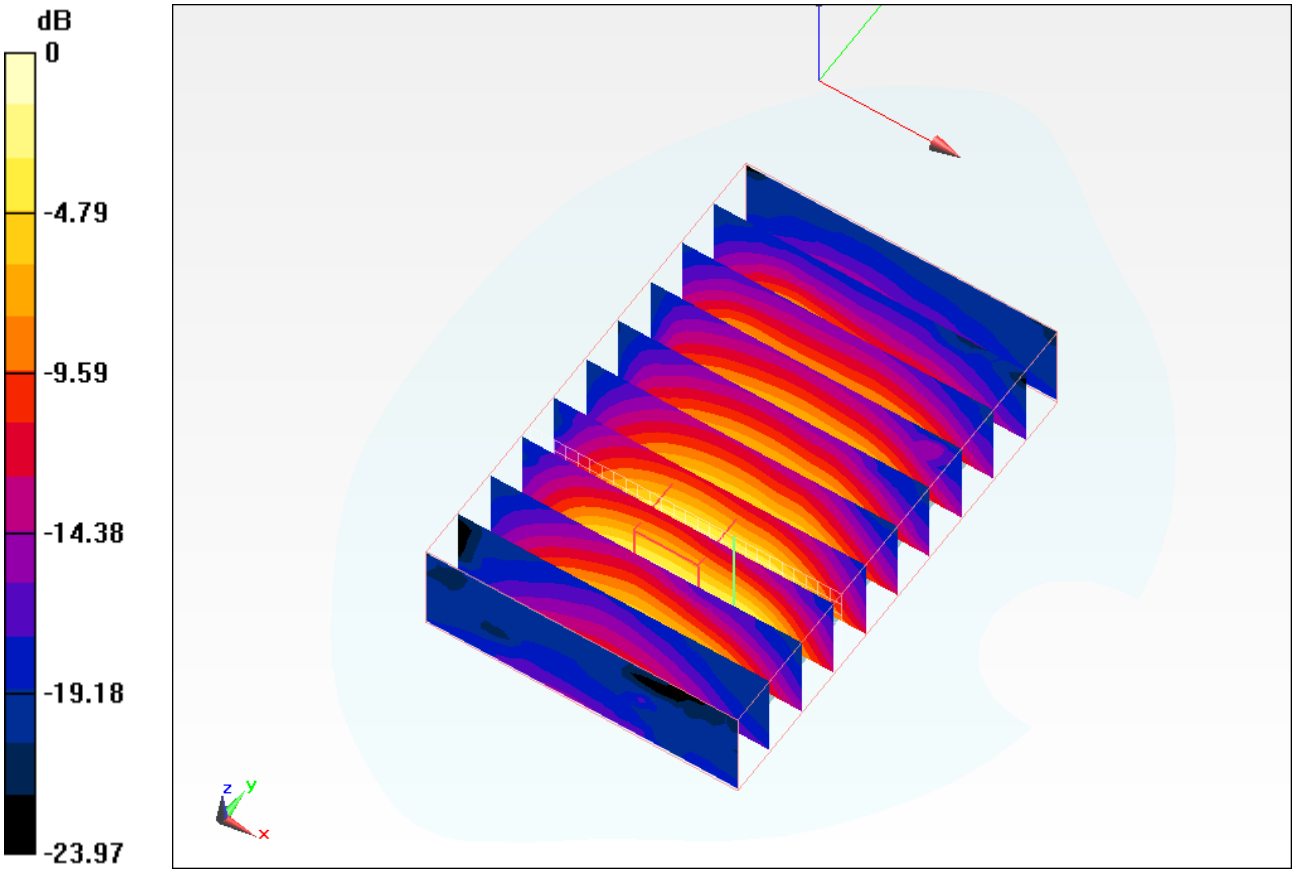
Date/Time: 9/15/2011 9:46:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Rear_WiFi_802.11b.da52:0
Communication System: IEEE 802.11b WiFi 2.4GHz ; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.995 mho/m; $\varepsilon_r$ = 53.5; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

**Multi Band Result:**
**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.749 mW/g**
Maximum value of SAR (interpolated) = 1.816 mW/g




0 dB = 1.820mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear Vol/1xRTT M-Ch/Volume Scan:

Date/Time: 8/25/2011 6:34:14 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_AWS_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.411 mho/m; $\varepsilon_r$ = 53.633; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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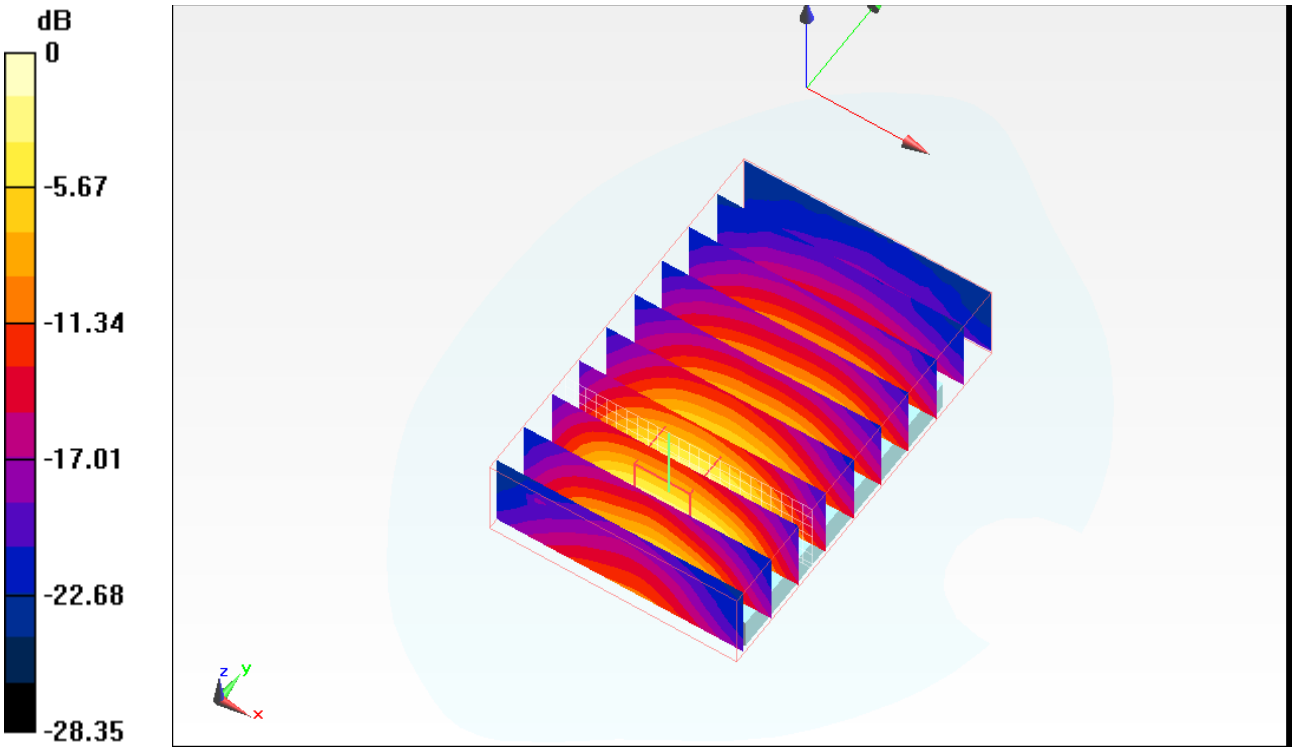
### DASY Configuration for Rear 1.4 MHz/QPSK_#RB1_RB5_M-ch/Volume Scan:

Date/Time: 9/6/2011 10:12:37 PM
Test Laboratory: UL CCS SAR Lab A
File Name: LTE Band 2_1.4M_Body-Worn.da52:0
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.513 mho/m; $\varepsilon_r$ = 51.442; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

**Multi Band Result:**
**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.749 mW/g**
Maximum value of SAR (interpolated) = 1.826 mW/g




0 dB = 1.830mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear Vol/1xRTT M-Ch/Volume Scan:

Date/Time: 8/25/2011 6:34:14 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_AWS_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.411 mho/m; $\varepsilon_r$ = 53.633; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

### DASY Configuration for Rear 1.4 MHz/QPSK_#RB1_RB5_M-ch/Volume Scan:

Date/Time: 9/6/2011 10:12:37 PM
Test Laboratory: UL CCS SAR Lab A
File Name: LTE Band 2_1.4M_Body-Worn.da52:0
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.513 mho/m; $\varepsilon_r$ = 51.442; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

### DASY Configuration for Rear/802.11b M-ch/Volume Scan:

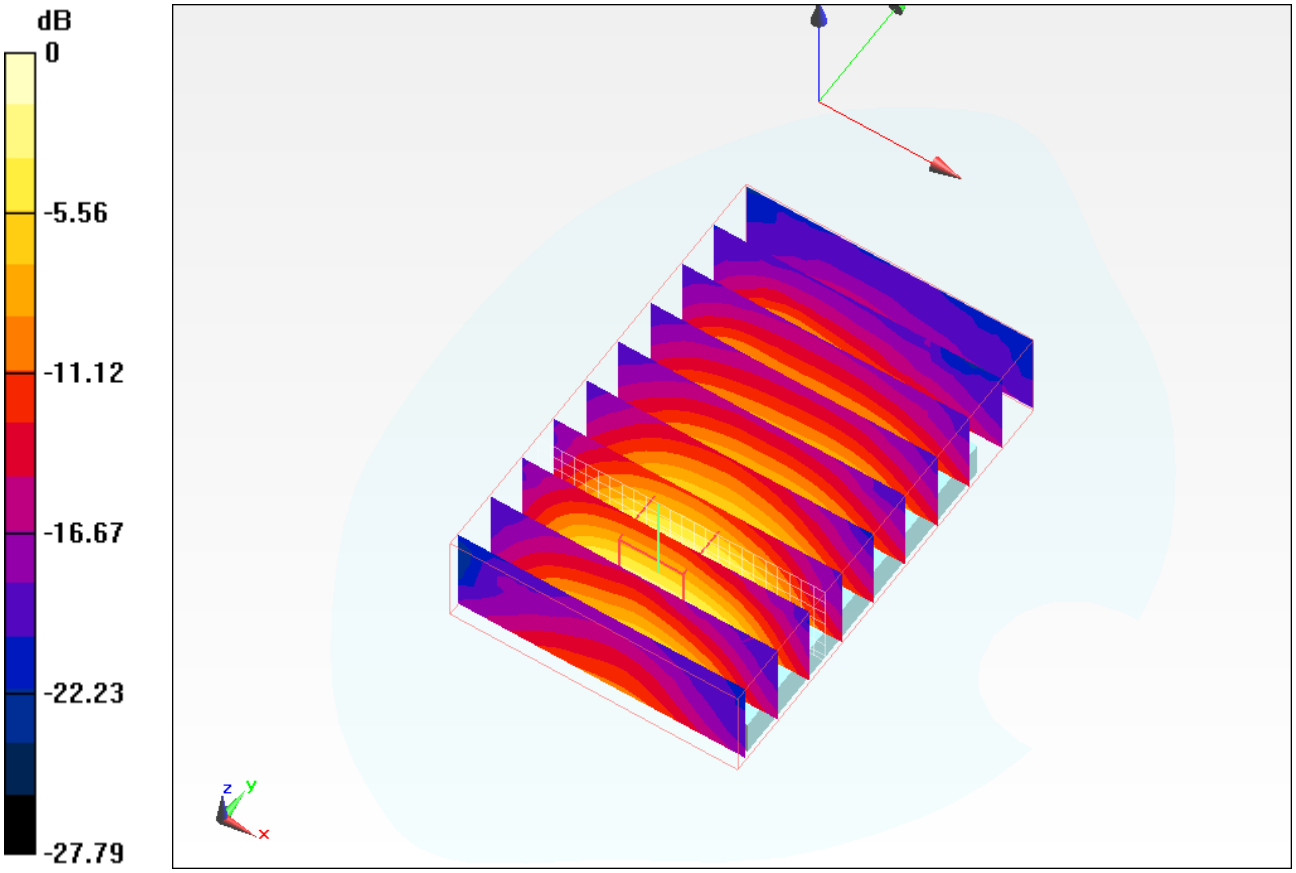
Date/Time: 9/15/2011 9:46:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Rear_WiFi_802.11b.da52:0
**DUT: LGMS840; Type: Not Specified; Serial: 99000073000107**
Communication System: IEEE 802.11b WiFi 2.4GHz ; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.995 mho/m; $\varepsilon_r$ = 53.5; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

---

**Multi Band Result:**
**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.768 mW/g**
Maximum value of SAR (interpolated) = 1.867 mW/g




0 dB = 1.870mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear 1.4 MHz/QPSK_#RB1_RB5_M-ch/Volume Scan:

Date/Time: 9/6/2011 10:12:37 PM
Test Laboratory: UL CCS SAR Lab A
File Name: LTE Band 2_1.4M_Body-Worn.da52:0
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.513 mho/m; $\varepsilon_r$ = 51.442; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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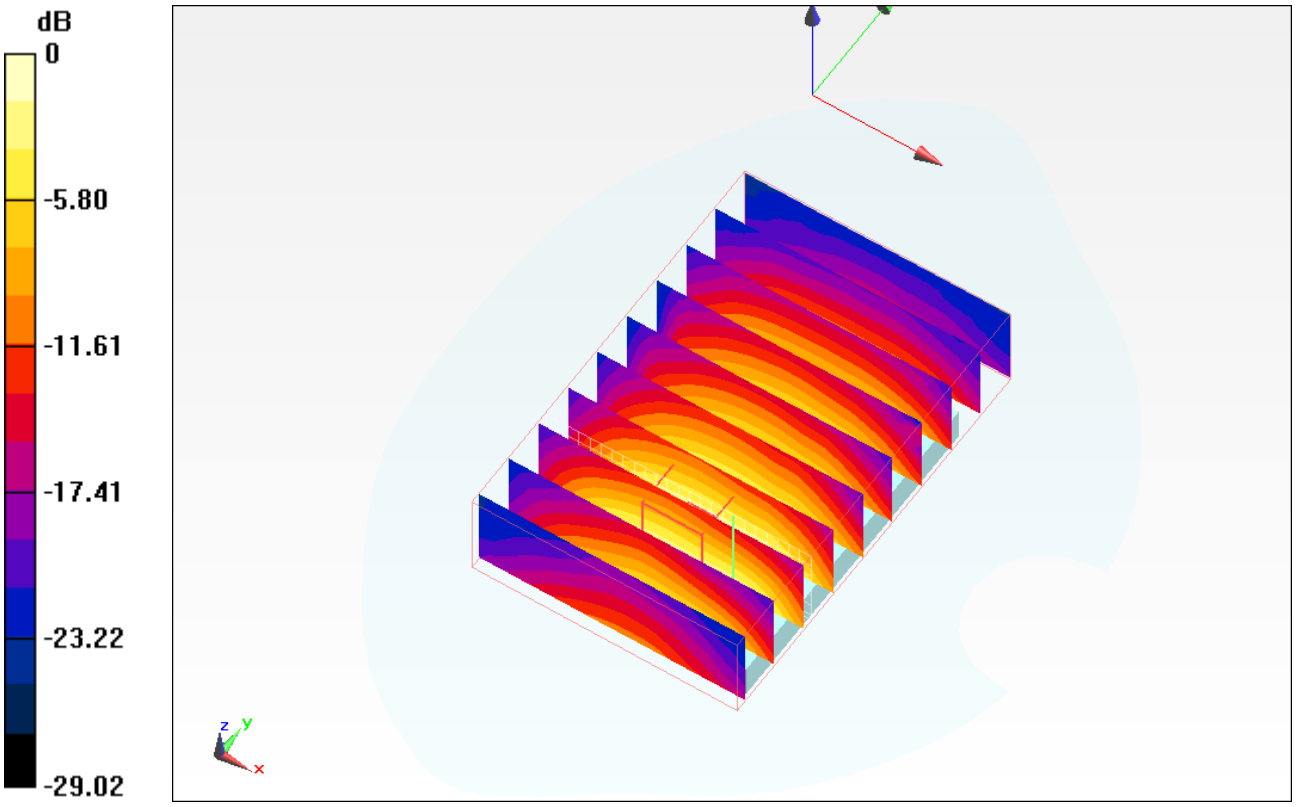
**Multi Band Result:**
**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.742 mW/g**
Maximum value of SAR (interpolated) = 1.812 mW/g




0 dB = 1.810mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear 1.4 MHz/QPSK_#RB1_RB5_M-ch/Volume Scan:

Date/Time: 9/6/2011 10:12:37 PM
Test Laboratory: UL CCS SAR Lab A
File Name: LTE Band 2_1.4M_Body-Worn.da52:0
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.513 mho/m; $\varepsilon_r$ = 51.442; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear/802.11b M-ch/Volume Scan:

Date/Time: 9/15/2011 9:46:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Rear_WiFi_802.11b.da52:0
Communication System: IEEE 802.11b WiFi 2.4GHz ; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.995 mho/m; $\varepsilon_r$ = 53.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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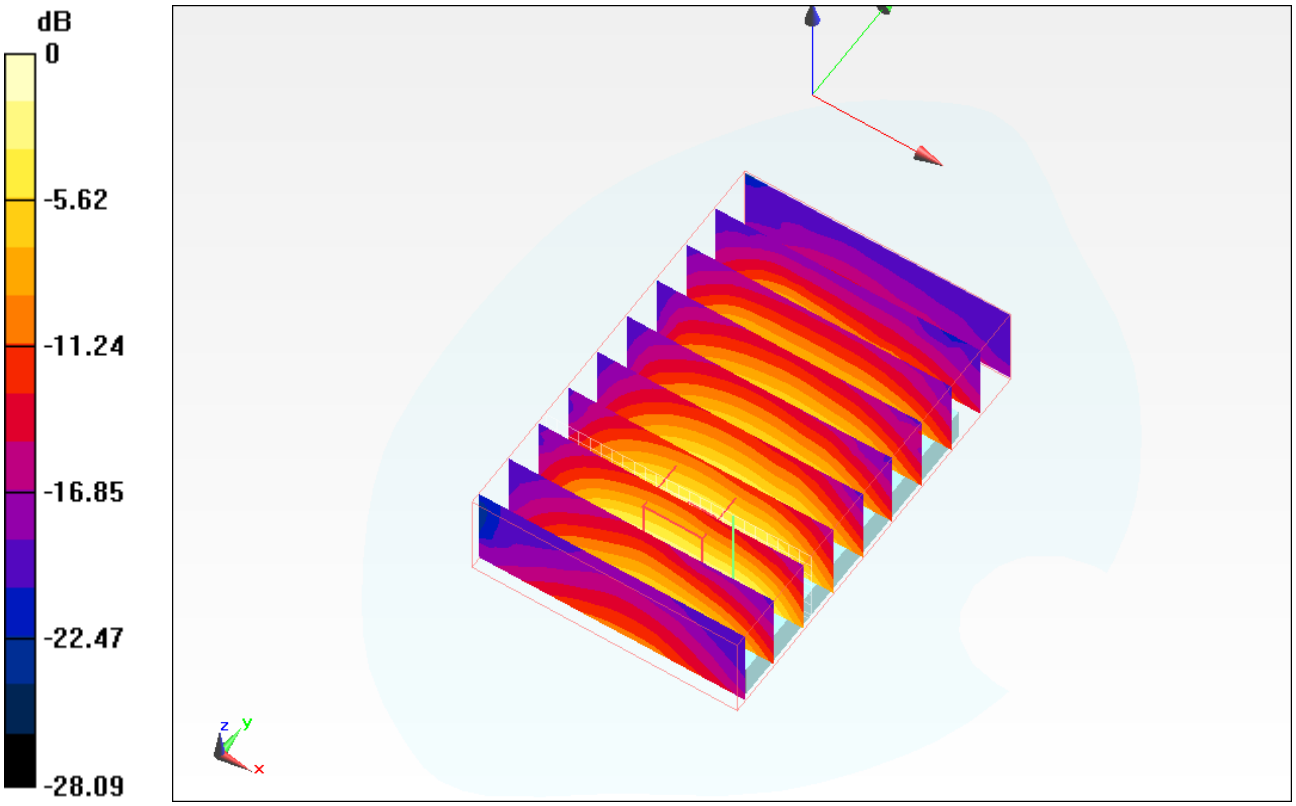
**Multi Band Result:**
**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.761 mW/g**
Maximum value of SAR (interpolated) = 1.844 mW/g




0 dB = 1.840mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear/Volume_QPSK_#RB1_RB0_M-ch/Volume Scan:

Date/Time: 9/7/2011 2:29:30 AM
Test Laboratory: UL CCS SAR Lab A
File Name: Volume Scan LTE Band 2_3M_Body-Worn.da52:0
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.513 mho/m; $\varepsilon_r$ = 51.442; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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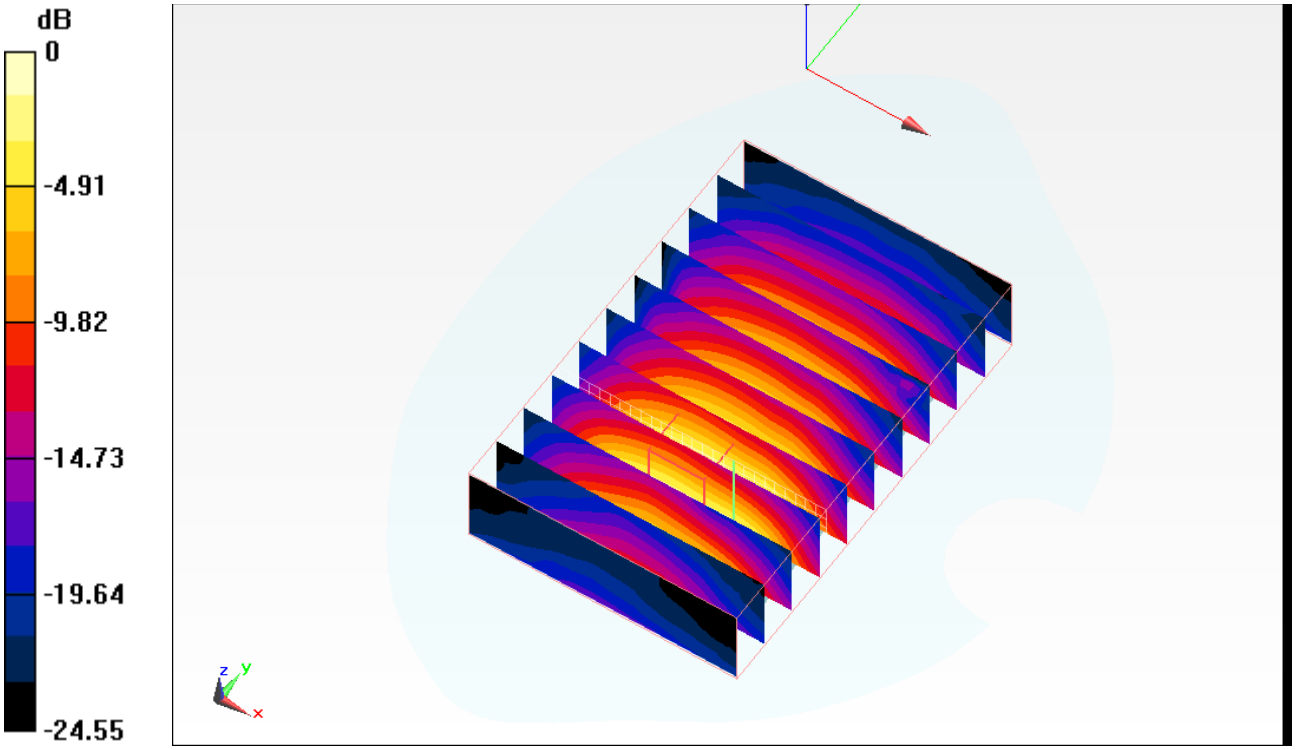
**Multi Band Result:**
**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.759 mW/g**
Maximum value of SAR (interpolated) = 1.821 mW/g




0 dB = 1.820mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear/Volume_QPSK_#RB1_RB0_M-ch/Volume Scan:

Date/Time: 9/7/2011 2:29:30 AM
Test Laboratory: UL CCS SAR Lab A
File Name: Volume Scan LTE Band 2_3M_Body-Worn.da52:0
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.513 mho/m; $\varepsilon_r$ = 51.442; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear/802.11b M-ch/Volume Scan:

Date/Time: 9/15/2011 9:46:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Rear_WiFi_802.11b.da52:0
Communication System: IEEE 802.11b WiFi 2.4GHz ; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.995 mho/m; $\varepsilon_r$ = 53.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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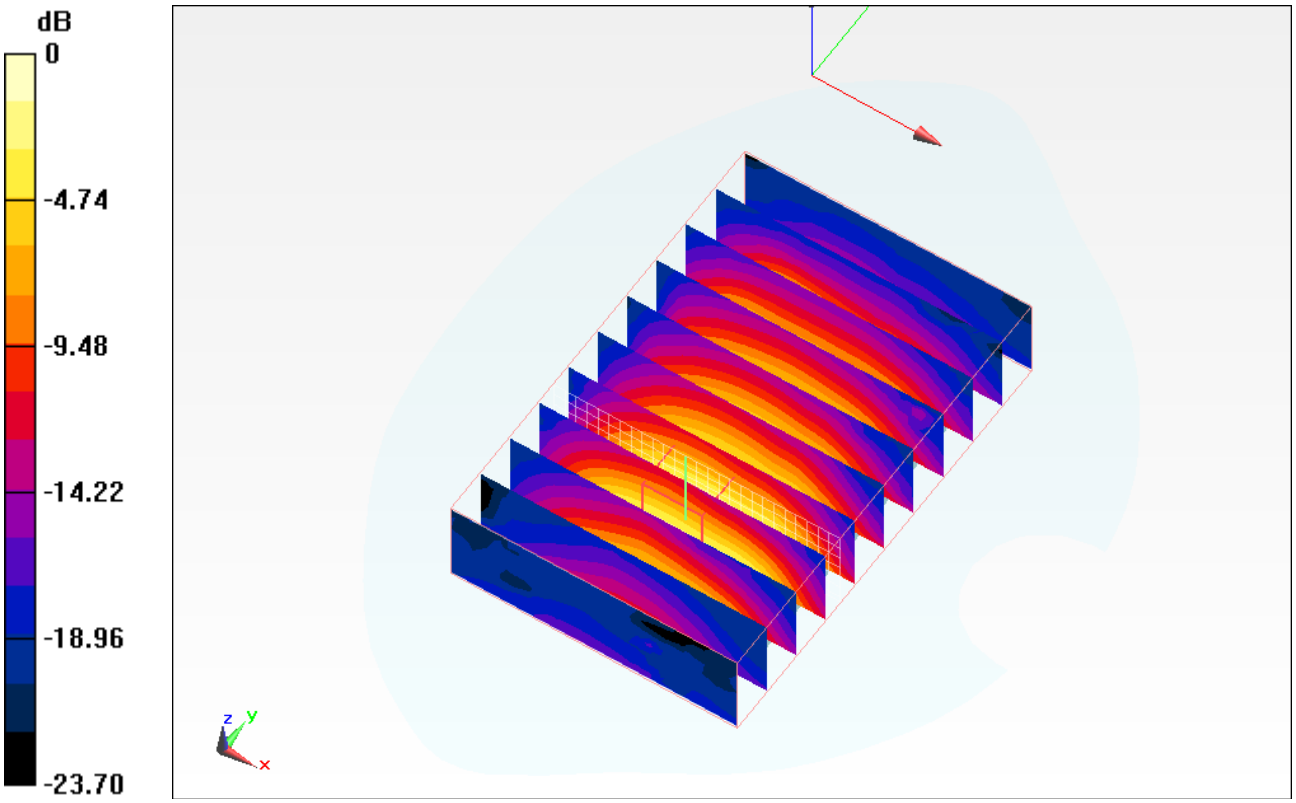
**Multi Band Result:**
**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.777 mW/g**
Maximum value of SAR (interpolated) = 1.855 mW/g




0 dB = 1.860mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear 5 MHz/16QAM_#RB25_RB0_M-ch/Volume Scan:

Date/Time: 9/7/2011 4:50:00 AM
Test Laboratory: UL CCS SAR Lab A
File Name: LTE Band 2_5MHz_Body-Worn.da52:0
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.513 mho/m; $\varepsilon_r$ = 51.442; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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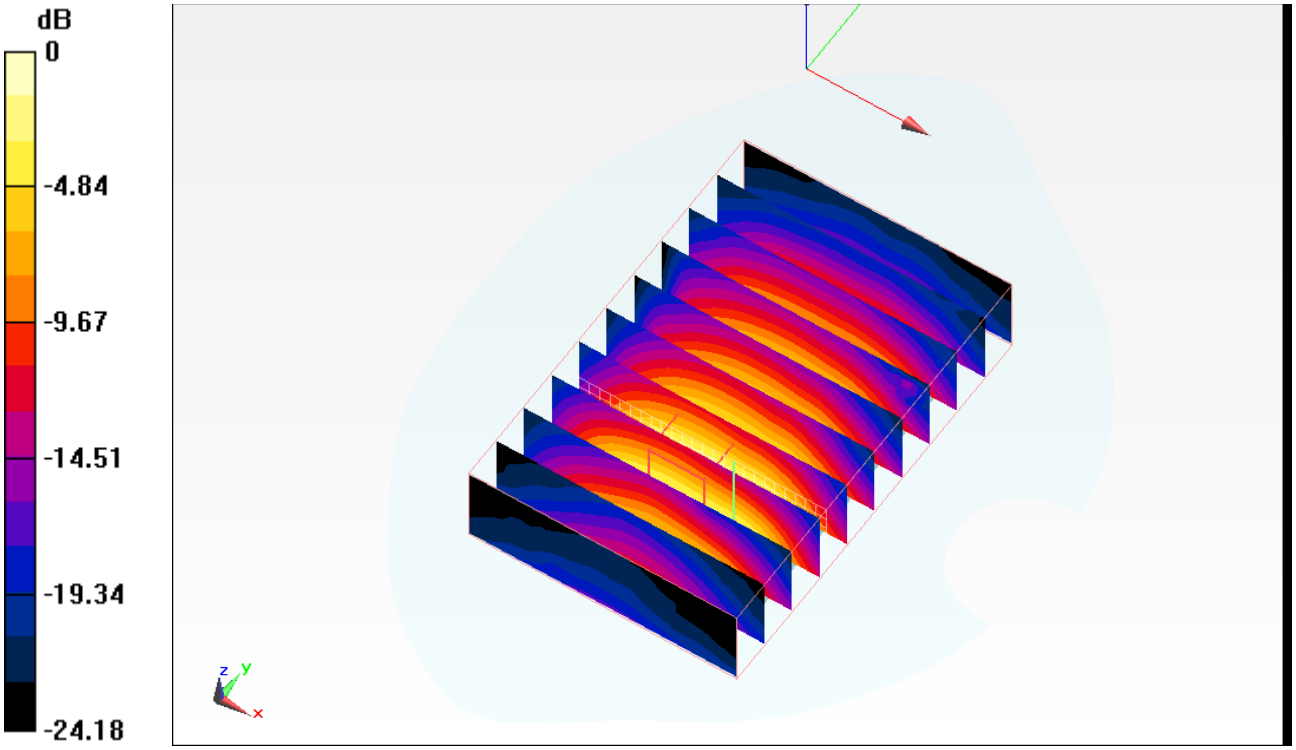
**Multi Band Result:**
**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.771 mW/g**
Maximum value of SAR (interpolated) = 1.862 mW/g




0 dB = 1.860mW/g

## Multi-Band Average SAR

## Multi-Band Configurations:

### DASY Configuration for Rear/1xRTT (RC3, SO32)_M-ch/Volume Scan:

Date/Time: 8/24/2011 3:32:16 AM
Test Laboratory: UL CCS SAR Lab A
File Name: 001_Rear_CDMA_PCS Band_1xRTT.da52:0
Communication System: CDMA2000 (1xRTT,RC3); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.479 mho/m; $\varepsilon_r$ = 53.728; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear 5 MHz/16QAM_#RB25_RB0_M-ch/Volume Scan:

Date/Time: 9/7/2011 4:50:00 AM
Test Laboratory: UL CCS SAR Lab A
File Name: LTE Band 2_5MHz_Body-Worn.da52:0
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.513 mho/m; $\varepsilon_r$ = 51.442; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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### DASY Configuration for Rear/802.11b M-ch/Volume Scan:

Date/Time: 9/15/2011 9:46:33 PM
Test Laboratory: UL CCS SAR Lab A
File Name: Rear_WiFi_802.11b.da52:0
Communication System: IEEE 802.11b WiFi 2.4GHz ; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.995 mho/m; $\varepsilon_r$ = 53.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)

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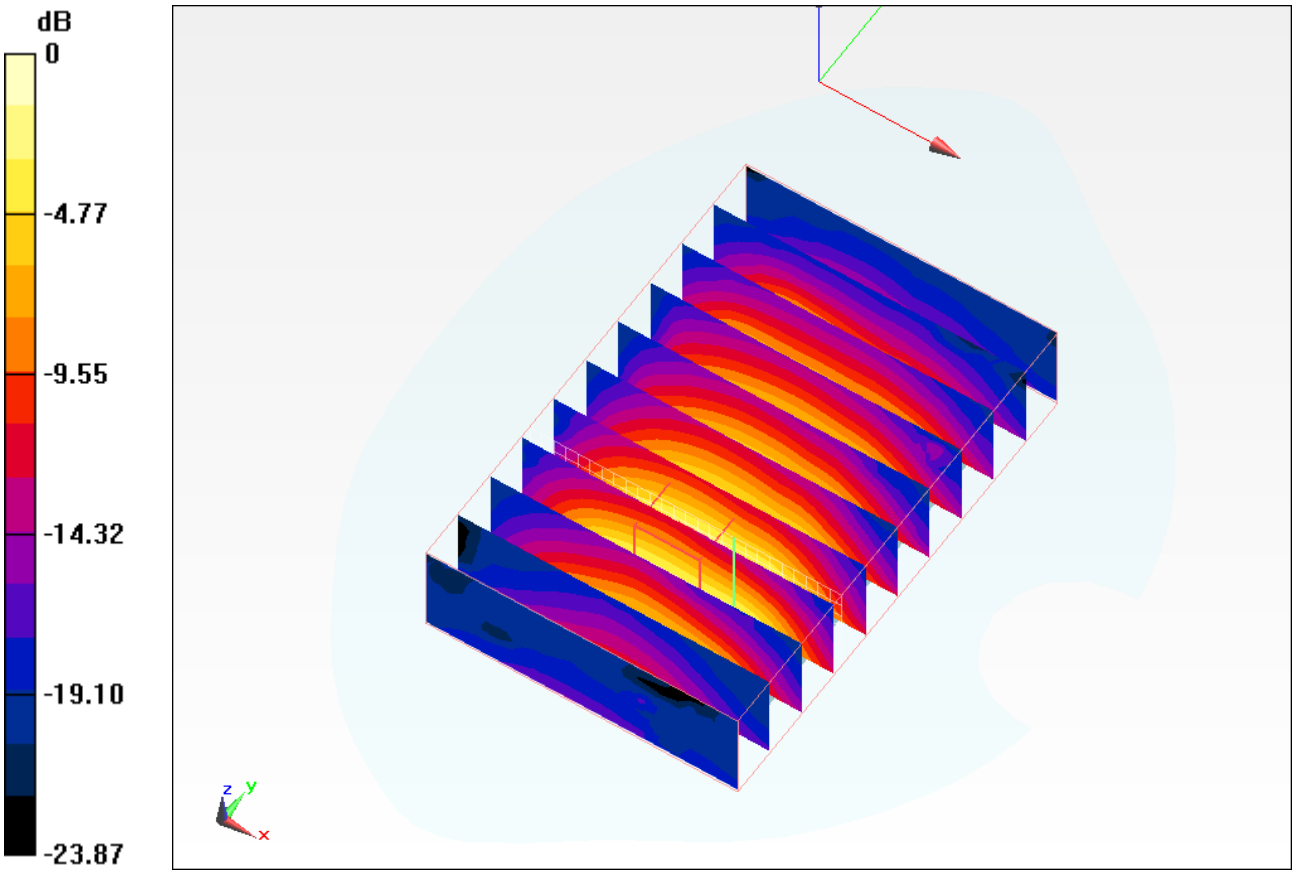
**Multi Band Result:**
**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.789 mW/g**
Maximum value of SAR (interpolated) = 1.894 mW/g




0 dB = 1.890mW/g