

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for RHS\_CDMA BC0(850)\_1xRTT\_RC3, SO55/Touch\_Mid-Ch Volume Scan/Volume Scan:

Date/Time: 11/3/2011 7:26:48 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Head 1xRTT RC3 SO55.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.894$  mho/m;  $\epsilon_r = 42.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for RHS/Touch\_H ch\_Vol. Scan/Volume Scan:

Date/Time: 11/4/2011 7:37:03 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xEvDO.da52:1](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 41.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

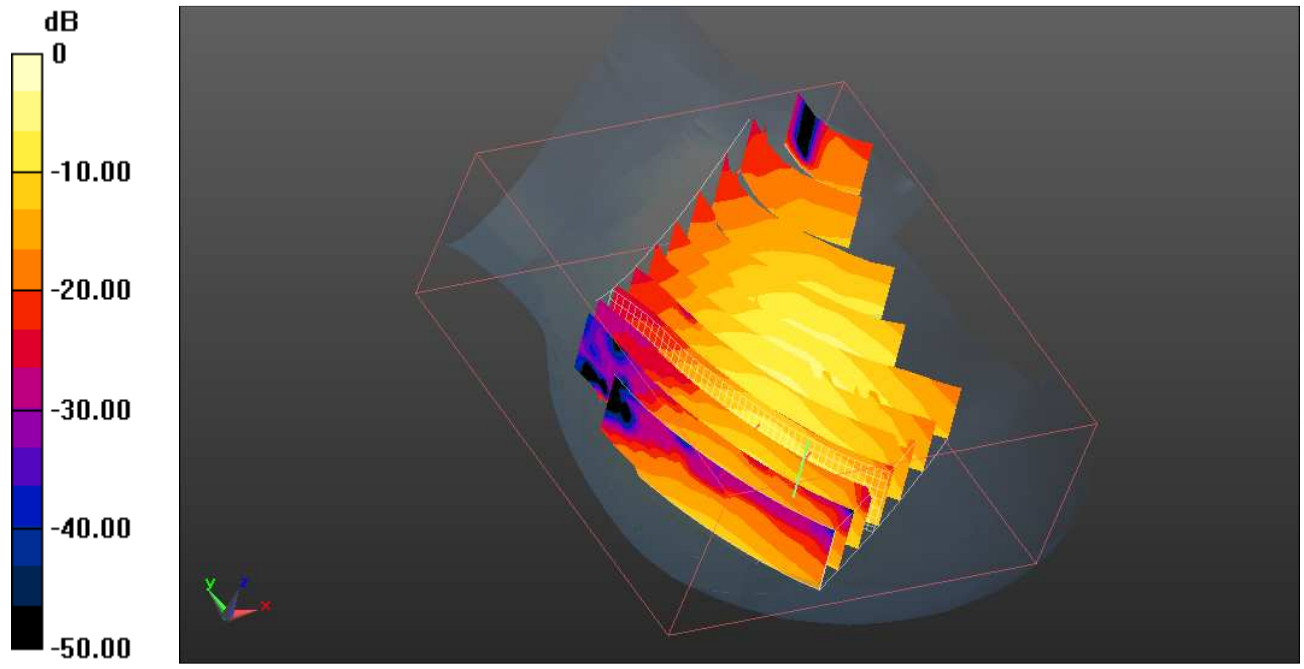
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

### Multi Band Result:

**SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.530 mW/g**

Maximum value of SAR (interpolated) = 1.455 mW/g



0 dB = 1.460mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for RHS\_CDMA BC0(850)\_1xRTT\_RC3, SO55/Touch\_Mid-Ch Volume Scan/Volume Scan:

Date/Time: 11/3/2011 7:26:48 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Head 1xRTT RC3 SO55.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.894$  mho/m;  $\epsilon_r = 42.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for RHS/Touch\_H ch\_Vol. Scan/Volume Scan:

Date/Time: 11/4/2011 7:37:03 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xEvDO.da52:1](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 41.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for RHS/Touch\_H ch/Volume Scan:

Date/Time: 11/14/2011 1:35:25 AM

Test Laboratory: UL CCS SAR Lab A

File Name: [WiFi 2.4GHz Head.da52:1](#)

##### DUT: LG LS840

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 38.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

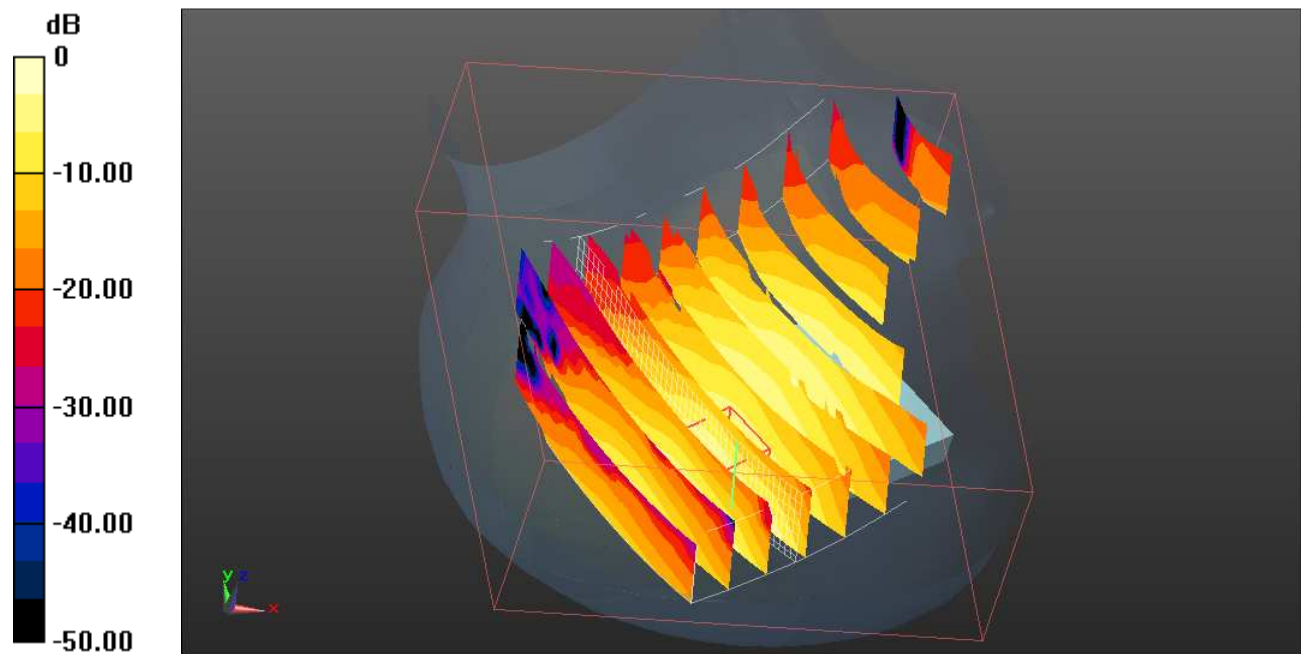
- Probe: EX3DV4 - SN3773; ConvF(6.56, 6.56, 6.56); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASYS2, Version 52.6 (2)

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### Multi Band Result:

**SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.541 mW/g**

Maximum value of SAR (interpolated) = 1.481 mW/g



0 dB = 1.480mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for LHS/Touch\_H ch\_Vol. Scan/Volume Scan:

Date/Time: 11/3/2011 10:51:35 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xRTT RC3 SO55.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.423$  mho/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for LHS\_CDMA BC0(850)\_1xEVDO\_Rel.0/Touch\_Mid-Ch Volume Scan/Volume Scan:

Date/Time: 11/3/2011 11:43:14 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Head 1xEvDO.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.894$  mho/m;  $\epsilon_r = 42.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

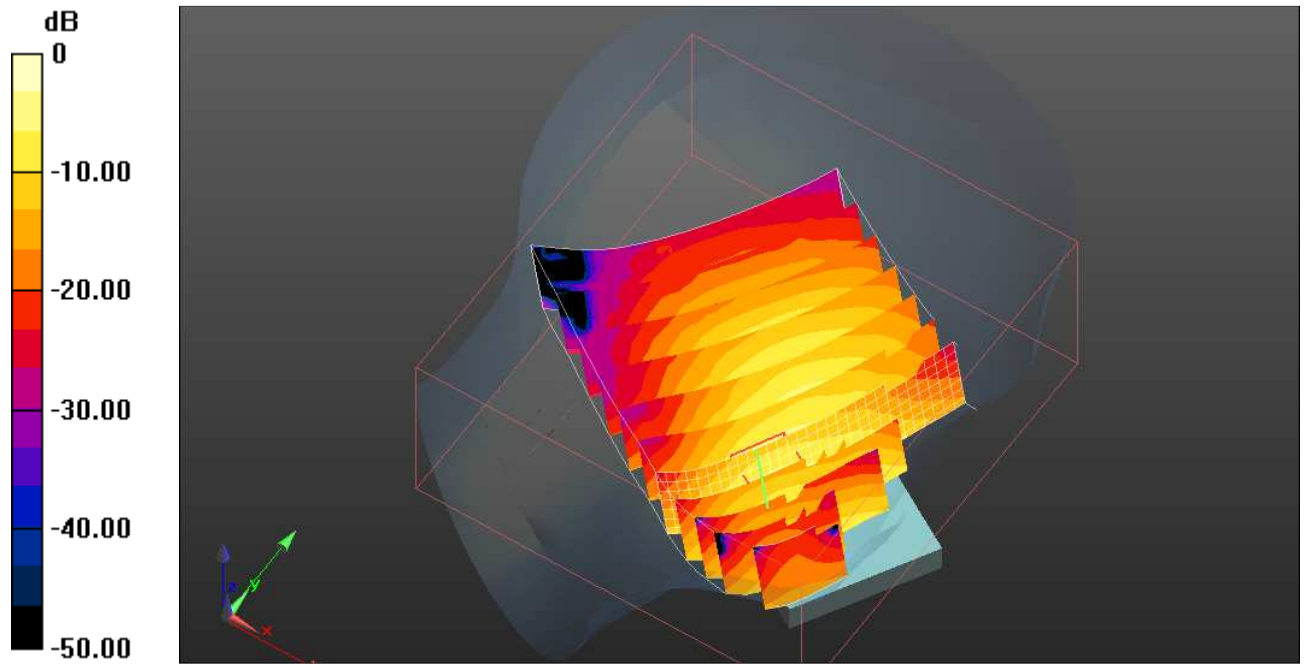
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

### Multi Band Result:

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.653 mW/g**

Maximum value of SAR (interpolated) = 1.666 mW/g



0 dB = 1.670mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for LHS/Touch\_H ch\_Vol. Scan/Volume Scan:

Date/Time: 11/3/2011 10:51:35 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xRTT RC3 SO55.da52:0](#)

**DUT: LG LS840**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.423$  mho/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for LHS\_CDMA BC0(850)\_1xEVDO\_Rel.0/Touch\_Mid-Ch Volume Scan/Volume Scan:

Date/Time: 11/3/2011 11:43:14 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Head 1xEvDO.da52:0](#)

**DUT: LG LS840**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.894$  mho/m;  $\epsilon_r = 42.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.52, 8.52, 8.52); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for LHS/Touch\_H ch/Volume Scan:

Date/Time: 11/13/2011 9:22:55 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi 2.4GHz Head.da52:0](#)

**DUT: LG LS840**

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 38.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

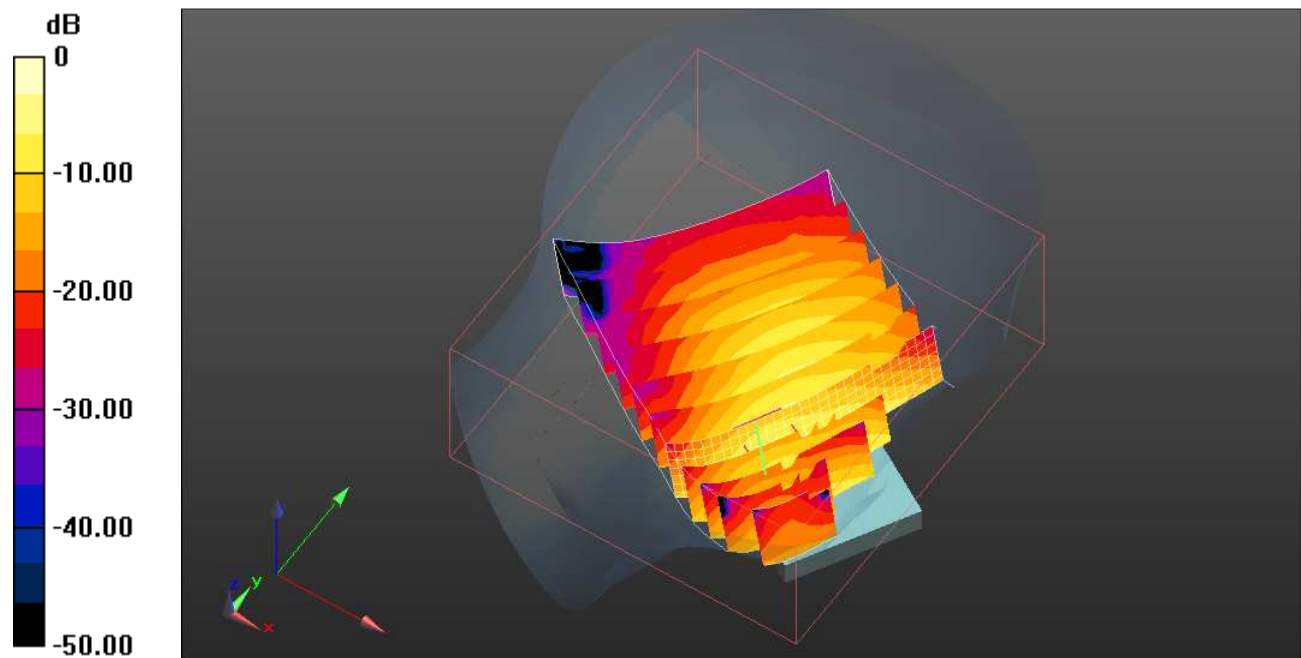
- Probe: EX3DV4 - SN3773; ConvF(6.56, 6.56, 6.56); Calibrated: 5/3/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASYS2, Version 52.6 (2)

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**Multi Band Result:**

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.699 mW/g**

Maximum value of SAR (interpolated) = 1.791 mW/g



0 dB = 1.790mW/g



## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for LHS/Touch\_H ch\_Vol. Scan/Volume Scan:

Date/Time: 11/3/2011 10:51:35 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xRTT RC3 SO55.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.423$  mho/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for LHS/Touch\_M ch\_Vol. Scan/Volume Scan:

Date/Time: 11/4/2011 11:27:46 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xEvDO.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.408$  mho/m;  $\epsilon_r = 41.197$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

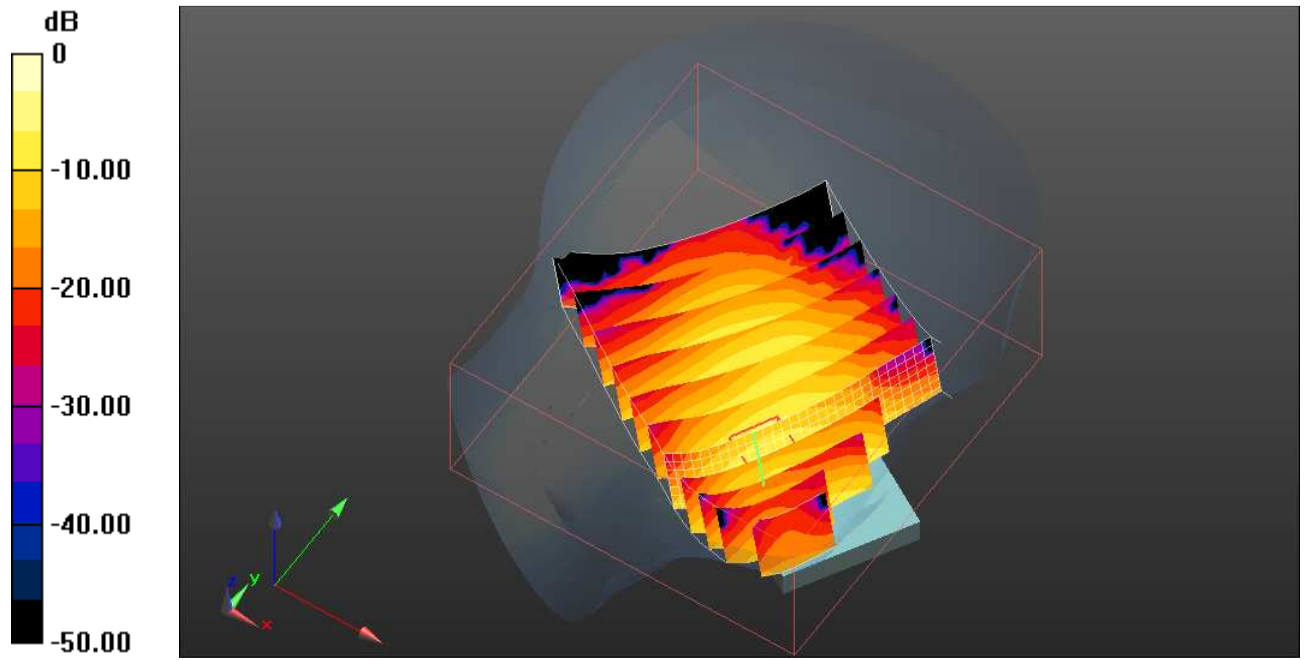
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

### Multi Band Result:

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.676 mW/g**

Maximum value of SAR (interpolated) = 1.718 mW/g



0 dB = 1.720mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for LHS/Touch\_H ch\_Vol. Scan/Volume Scan:

Date/Time: 11/3/2011 10:51:35 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xRTT RC3 SO55.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.423$  mho/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for LHS/Touch\_M ch\_Vol. Scan/Volume Scan:

Date/Time: 11/4/2011 11:27:46 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xEvDO.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.408$  mho/m;  $\epsilon_r = 41.197$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for LHS/Touch\_H ch/Volume Scan:

Date/Time: 11/13/2011 9:22:55 PM

Test Laboratory: UL CCS SAR Lab A

File Name: [WiFi 2.4GHz Head.da52:0](#)

##### DUT: LG LS840

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 38.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

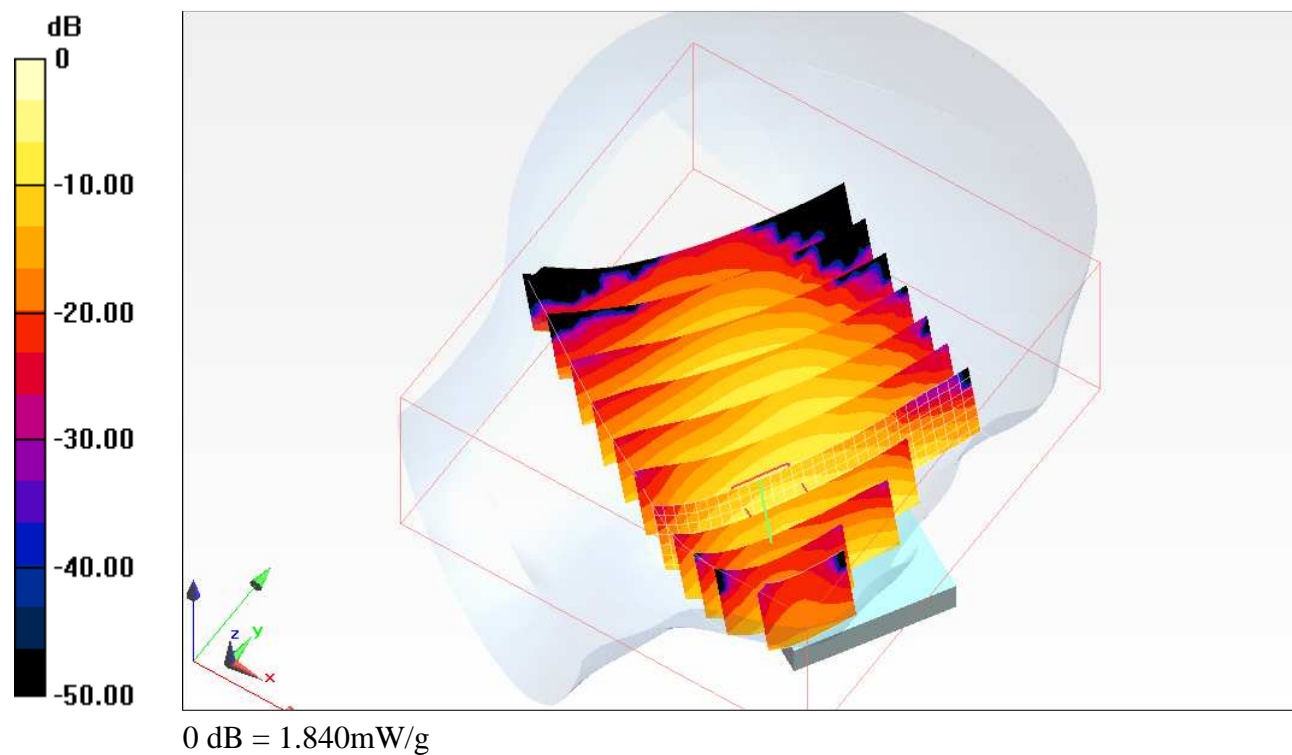
- Probe: EX3DV4 - SN3773; ConvF(6.56, 6.56, 6.56); Calibrated: 5/3/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2)

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**Multi Band Result:**

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.721 mW/g**

Maximum value of SAR (interpolated) = 1.843 mW/g



## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for RHS/Touch\_M ch\_Vol. Scan/Volume Scan:

Date/Time: 11/4/2011 3:11:12 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xRTT RC3 SO55.da52:1](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.393$  mho/m;  $\epsilon_r = 40.435$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2)

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#### DASY Configuration for RHS/Touch\_H ch\_Vol. Scan/Volume Scan:

Date/Time: 11/4/2011 7:37:03 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xEvDO.da52:1](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 41.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

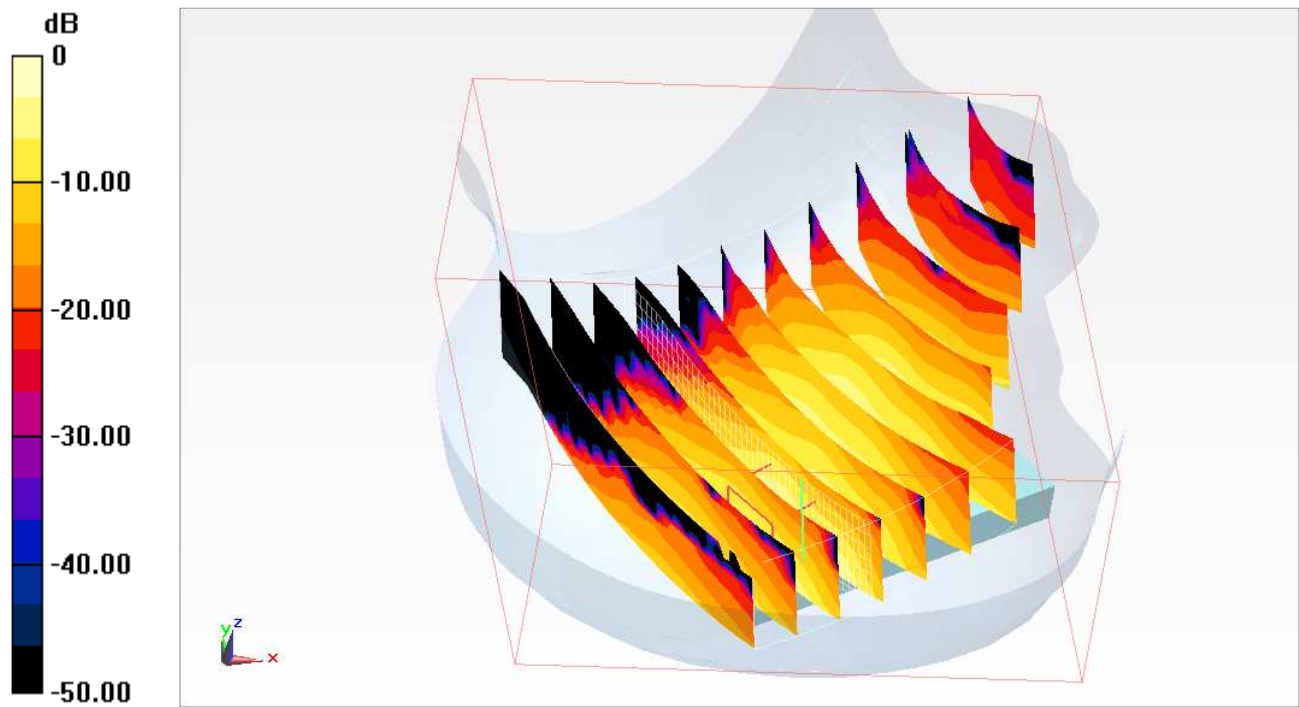
- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASY52, Version 52.6 (2)

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#### Multi Band Result:

**SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.539 mW/g**

Maximum value of SAR (interpolated) = 1.497 mW/g



0 dB = 1.500mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for RHS/Touch\_M ch\_Vol. Scan/Volume Scan:

Date/Time: 11/4/2011 3:11:12 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xRTT RC3 SO55.da52:1](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.393$  mho/m;  $\epsilon_r = 40.435$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for RHS/Touch\_H ch\_Vol. Scan/Volume Scan:

Date/Time: 11/4/2011 7:37:03 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1 Head 1xEvDO.da52:1](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 41.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.3, 7.3, 7.3); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for RHS/Touch\_H ch/Volume Scan:

Date/Time: 11/14/2011 1:35:25 AM

Test Laboratory: UL CCS SAR Lab A

File Name: [WiFi 2.4GHz Head.da52:1](#)

##### DUT: LG LS840

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 38.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

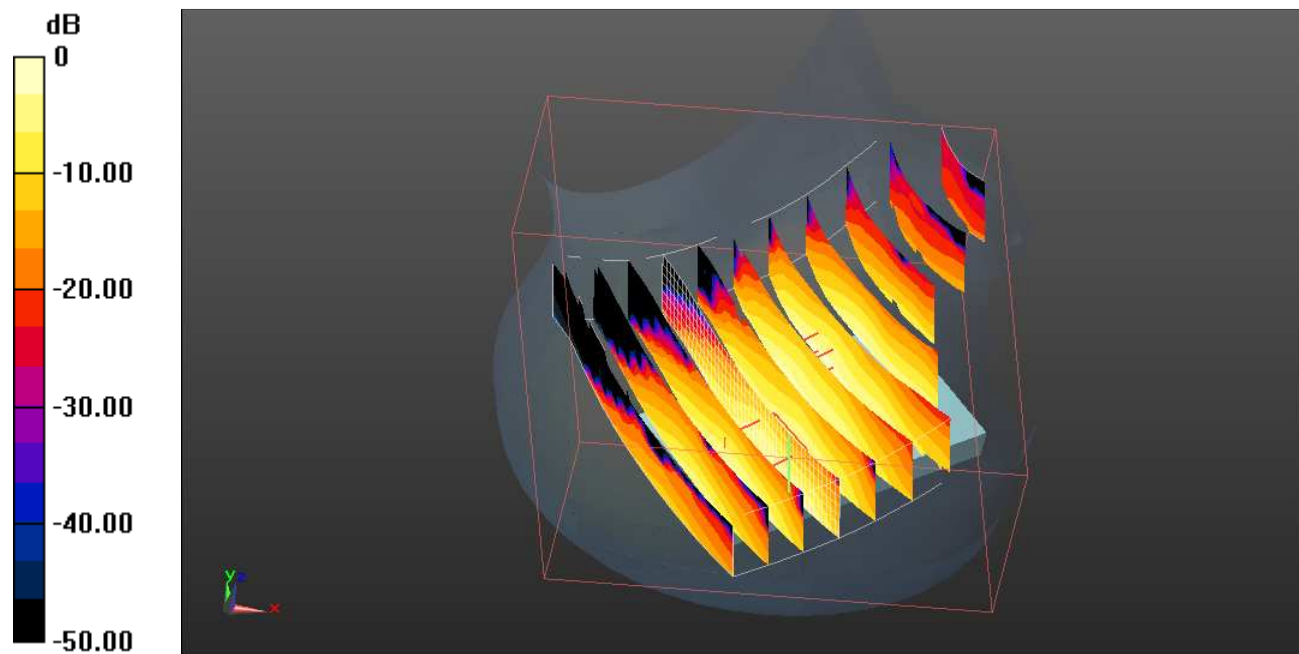
- Probe: EX3DV4 - SN3773; ConvF(6.56, 6.56, 6.56); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP1632
- Measurement SW: DASYS2, Version 52.6 (2)

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**Multi Band Result:**

**SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.548 mW/g**

Maximum value of SAR (interpolated) = 1.523 mW/g



0 dB = 1.520mW/g



## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for CDMA BC0(850)\_1xRTT\_RC3, SO32/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 4:04:01 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Body worn.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for CDMA BC0(850)\_1xEVDO\_Rel.0/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 8:31:50 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Body hotspot.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

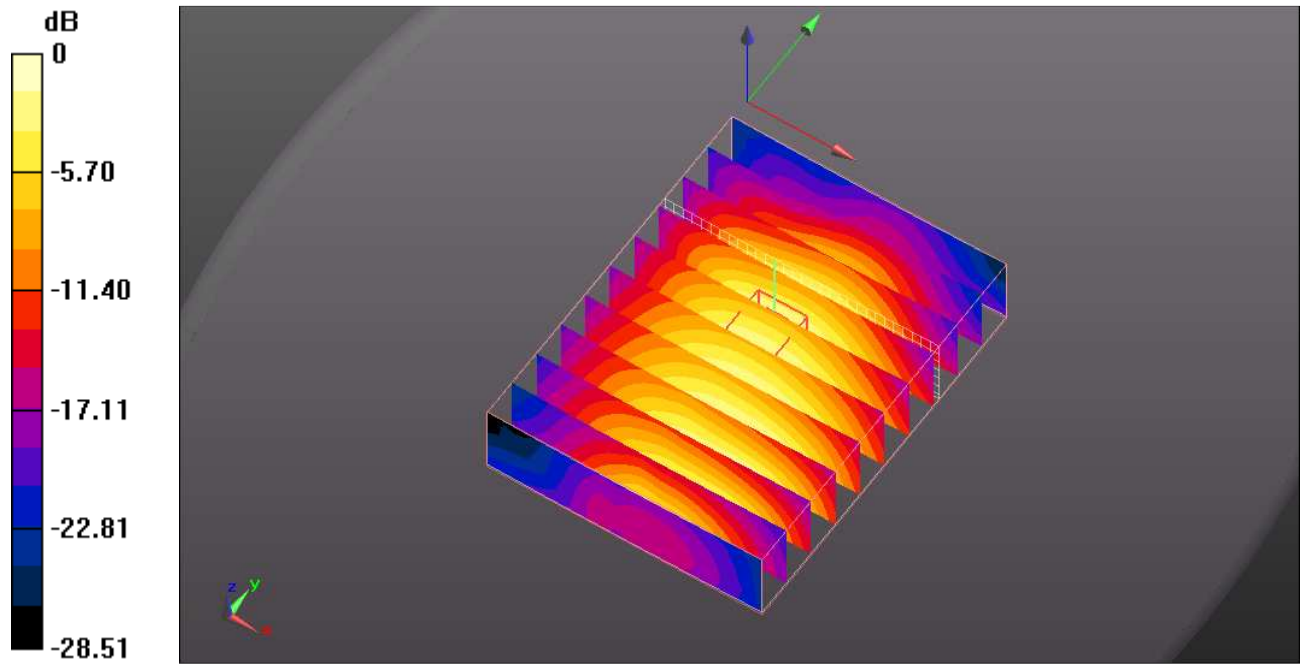
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

### Multi Band Result:

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.747 mW/g**

Maximum value of SAR (interpolated) = 1.473 mW/g



0 dB = 1.470mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for CDMA BC0(850)\_1xRTT\_RC3, SO32/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 4:04:01 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Body worn.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for CDMA BC0(850)\_1xEVDO\_Rel.0/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 8:31:50 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Body hotspot.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for 802.11b\_Ant 3/Rear Side\_H ch/Volume Scan:

Date/Time: 11/14/2011 5:15:09 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi Body.da52:0](#)

##### DUT: LG LS840

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.971$  mho/m;  $\epsilon_r = 51.524$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Phantom section: Flat Section

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

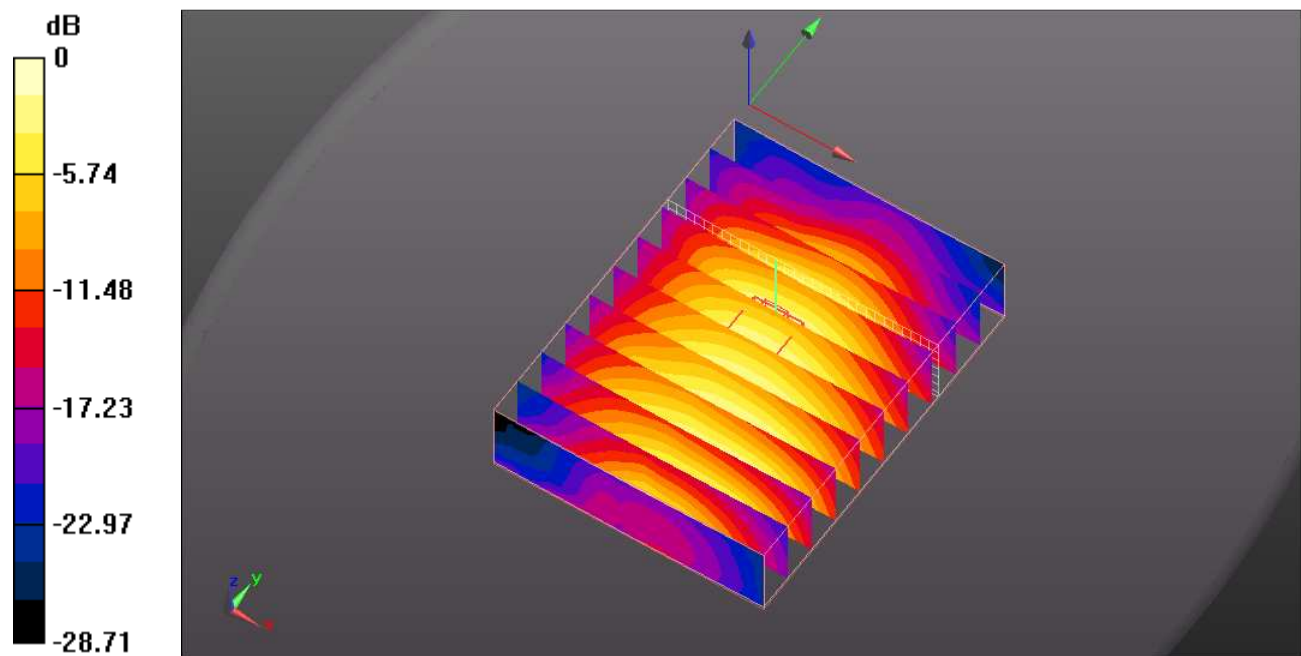
- Probe: EX3DV4 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASYS2, Version 52.6 (2)

---

**Multi Band Result:**

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.764 mW/g**

Maximum value of SAR (interpolated) = 1.541 mW/g



0 dB = 1.540mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for CDMA BC0(850)\_1xRTT\_RC3, SO32/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 4:04:01 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Body worn.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for Rear/1xEvDo\_M-Ch\_Vol. Scan/Volume Scan:

Date/Time: 11/2/2011 4:24:12 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xEVDO.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

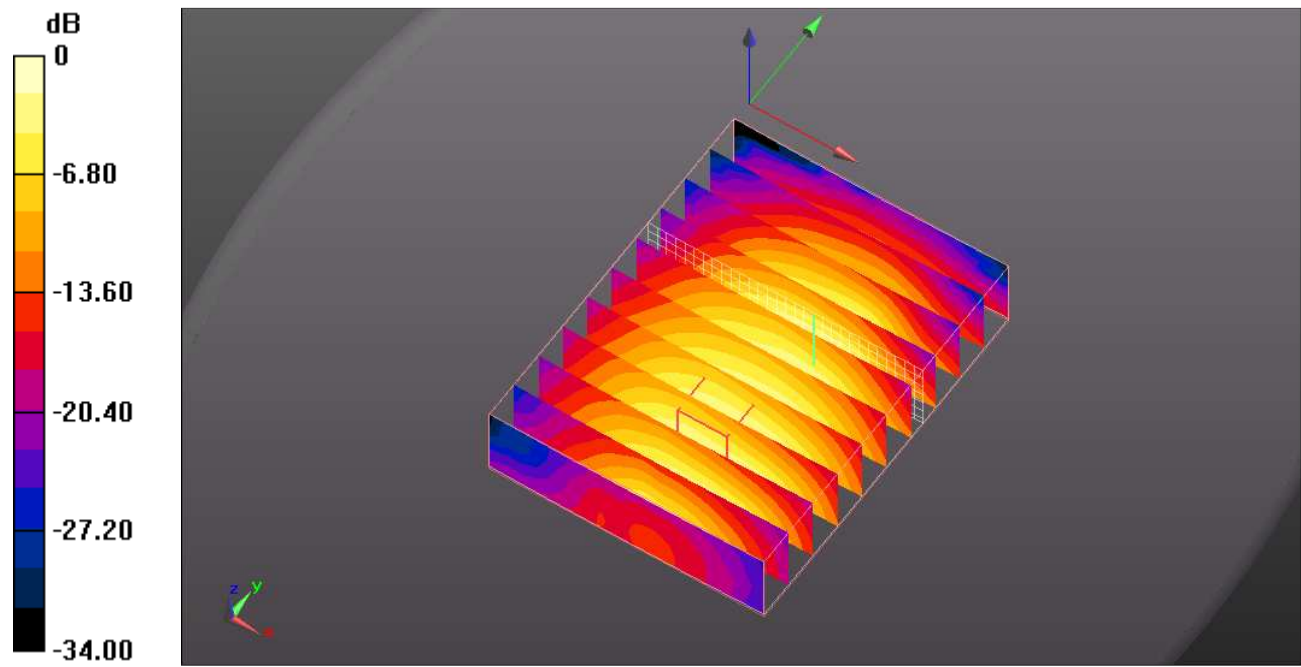
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

### Multi Band Result:

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.710 mW/g**

Maximum value of SAR (interpolated) = 1.580 mW/g



0 dB = 1.580mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for CDMA BC0(850)\_1xRTT\_RC3, SO32/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 4:04:01 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Body worn.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for Rear/1xEvDo\_M-Ch\_Vol. Scan/Volume Scan:

Date/Time: 11/2/2011 4:24:12 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xEVDO.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for 802.11b\_Ant 3/Rear Side\_H ch/Volume Scan:

Date/Time: 11/14/2011 5:15:09 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi Body.da52:0](#)

##### DUT: LG LS840

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.971$  mho/m;  $\epsilon_r = 51.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

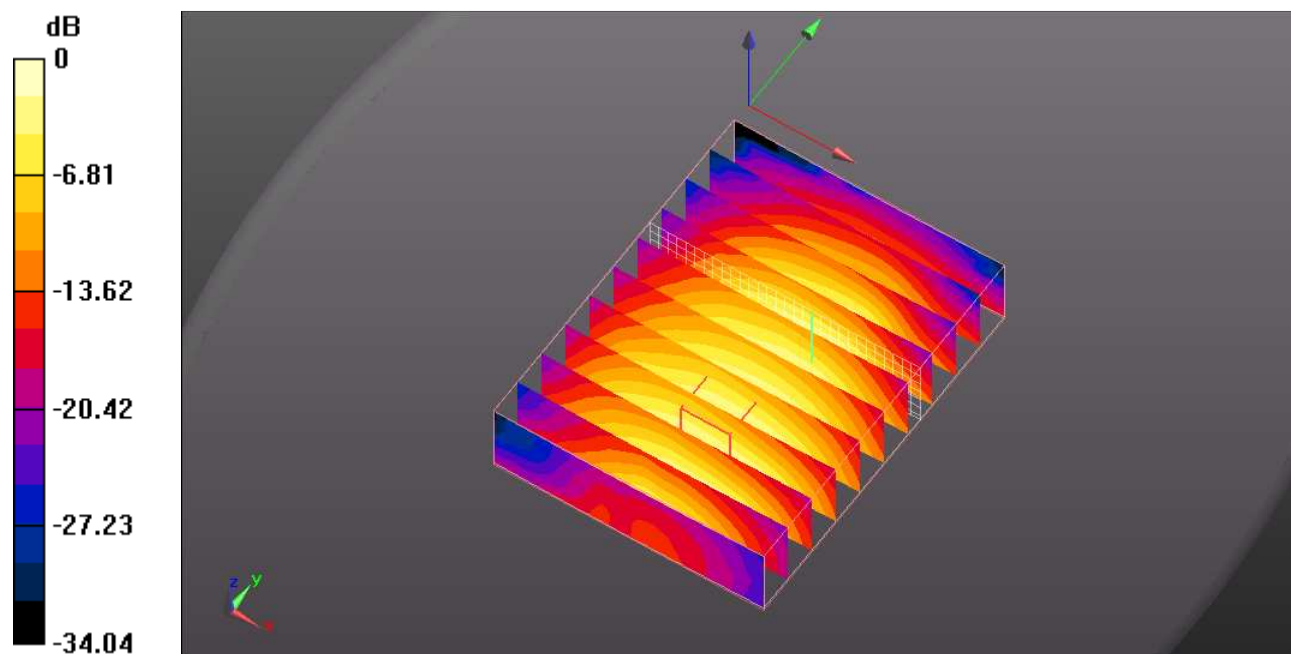
- Probe: EX3DV4 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2)

---

**Multi Band Result:**

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.742 mW/g**

Maximum value of SAR (interpolated) = 1.596 mW/g



0 dB = 1.600mW/g



## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for CDMA BC10(800)\_1xRTT\_RC3, SO32/Rear Side\_Mid-Ch 2/Volume Scan:

Date/Time: 11/6/2011 1:00:00 AM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC10 Body worn.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for CDMA BC0(850)\_1xEVDO\_Rel.0/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 8:31:50 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0 Body hotspot.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

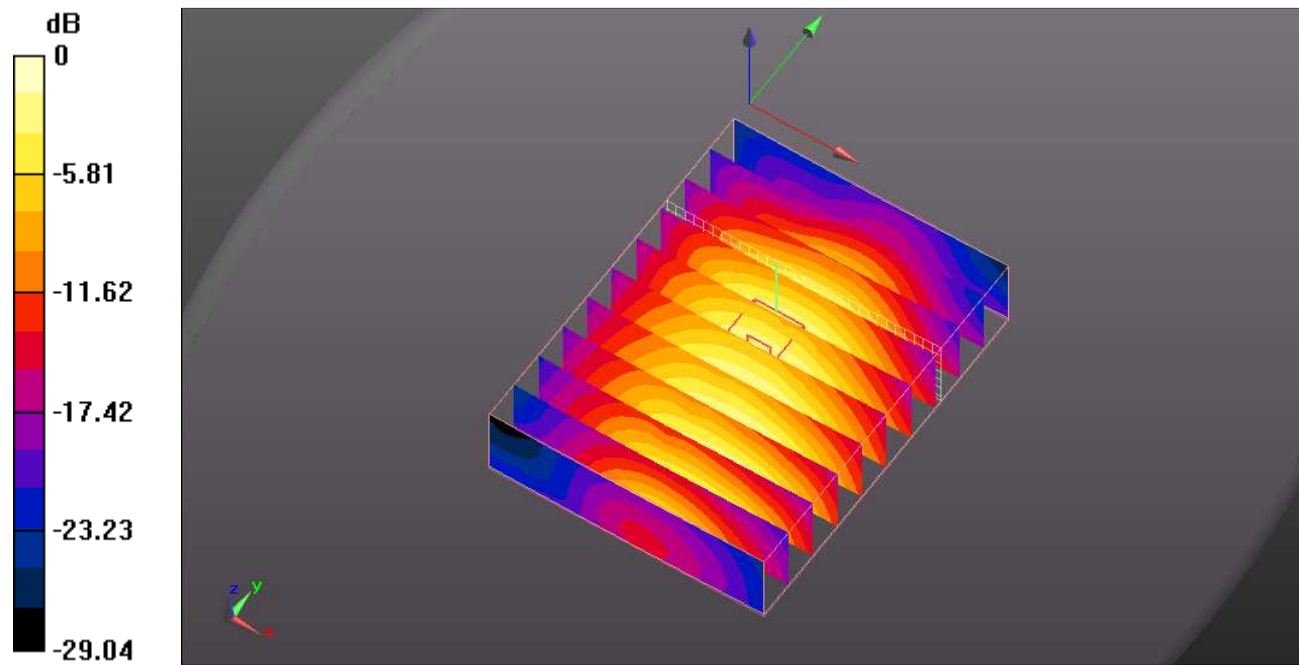
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

### Multi Band Result:

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.827 mW/g**

Maximum value of SAR (interpolated) = 1.586 mW/g



0 dB = 1.590mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for CDMA BC10(800)\_1xRTT\_RC3, SO32/Rear Side\_Mid-Ch 2/Volume Scan:

Date/Time: 11/6/2011 1:00:00 AM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC10 Body worn.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2)

#### DASY Configuration for CDMA BC0(850)\_1xEVDO\_Rel.0/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 8:31:50 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0\\_Body hotspot.da52:0](#)

**DUT: LG LS840**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASYS2, Version 52.6 (2)
- 

**DASY Configuration for 802.11b\_Ant 3/Rear Side\_H ch/Volume Scan:**

Date/Time: 11/14/2011 5:15:09 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi\\_Body.da52:0](#)

**DUT: LG LS840**

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.971$  mho/m;  $\epsilon_r = 51.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

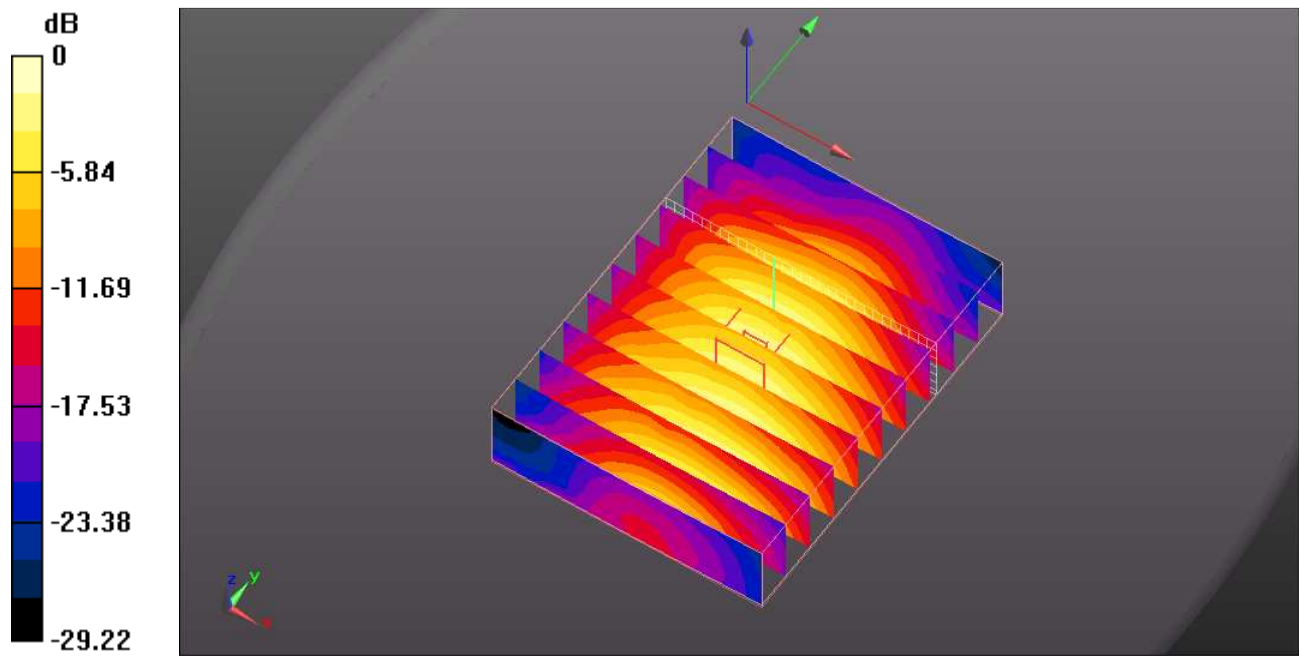
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASYS2, Version 52.6 (2)
- 

**Multi Band Result:**

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.846 mW/g**

Maximum value of SAR (interpolated) = 1.655 mW/g



0 dB = 1.660mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for CDMA BC10(800)\_1xRTT\_RC3, SO32/Rear Side\_Mid-Ch 2/Volume Scan:

Date/Time: 11/6/2011 1:00:00 AM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC10 Body worn.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for Rear/1xEvDo\_M-Ch\_Vol. Scan/Volume Scan:

Date/Time: 11/2/2011 4:24:12 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xEVDO.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

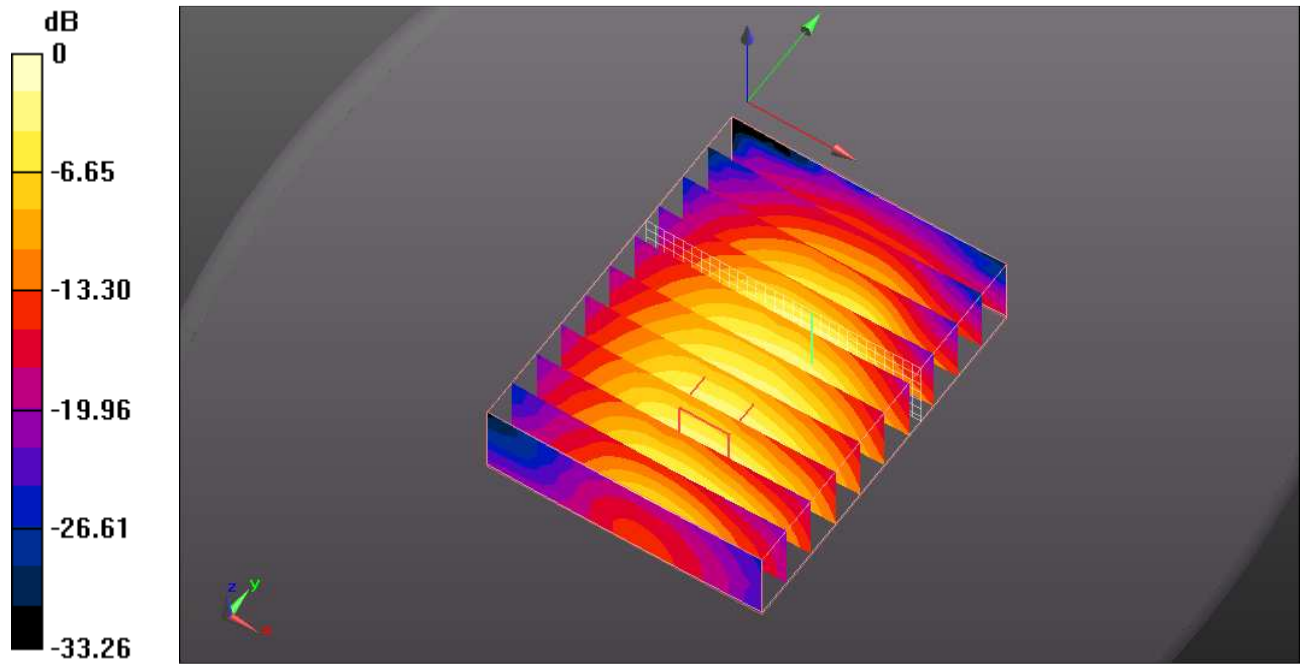
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

### Multi Band Result:

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.740 mW/g**

Maximum value of SAR (interpolated) = 1.668 mW/g



0 dB = 1.670mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for CDMA BC10(800)\_1xRTT\_RC3, SO32/Rear Side\_Mid-Ch 2/Volume Scan:

Date/Time: 11/6/2011 1:00:00 AM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC10 Body worn.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 820.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for Rear/1xEvDo\_M-Ch\_Vol. Scan/Volume Scan:

Date/Time: 11/2/2011 4:24:12 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xEVDO.da52:0](#)

##### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for 802.11b\_Ant 3/Rear Side\_H ch/Volume Scan:

Date/Time: 11/14/2011 5:15:09 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi Body.da52:0](#)

##### DUT: LG LS840

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.971$  mho/m;  $\epsilon_r = 51.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

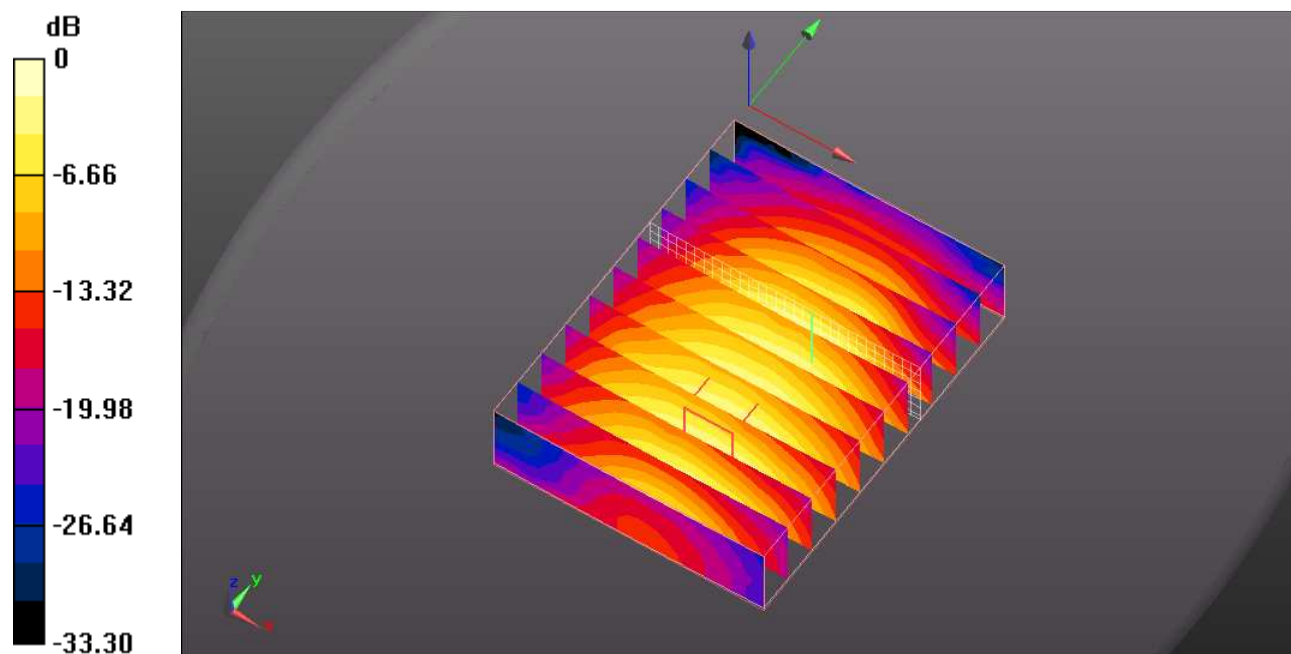
- Probe: EX3DV4 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASYS2, Version 52.6 (2)

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**Multi Band Result:**

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.772 mW/g**

Maximum value of SAR (interpolated) = 1.683 mW/g



0 dB = 1.680mW/g



## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for Rear/1xRTT\_M-Ch\_Vol.Scan/Volume Scan:

Date/Time: 11/2/2011 1:19:48 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xRTT.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2)

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#### DASY Configuration for CDMA BC0(850)\_1xEVDO\_Rel.0/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 8:31:50 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0\\_Body hotspot.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

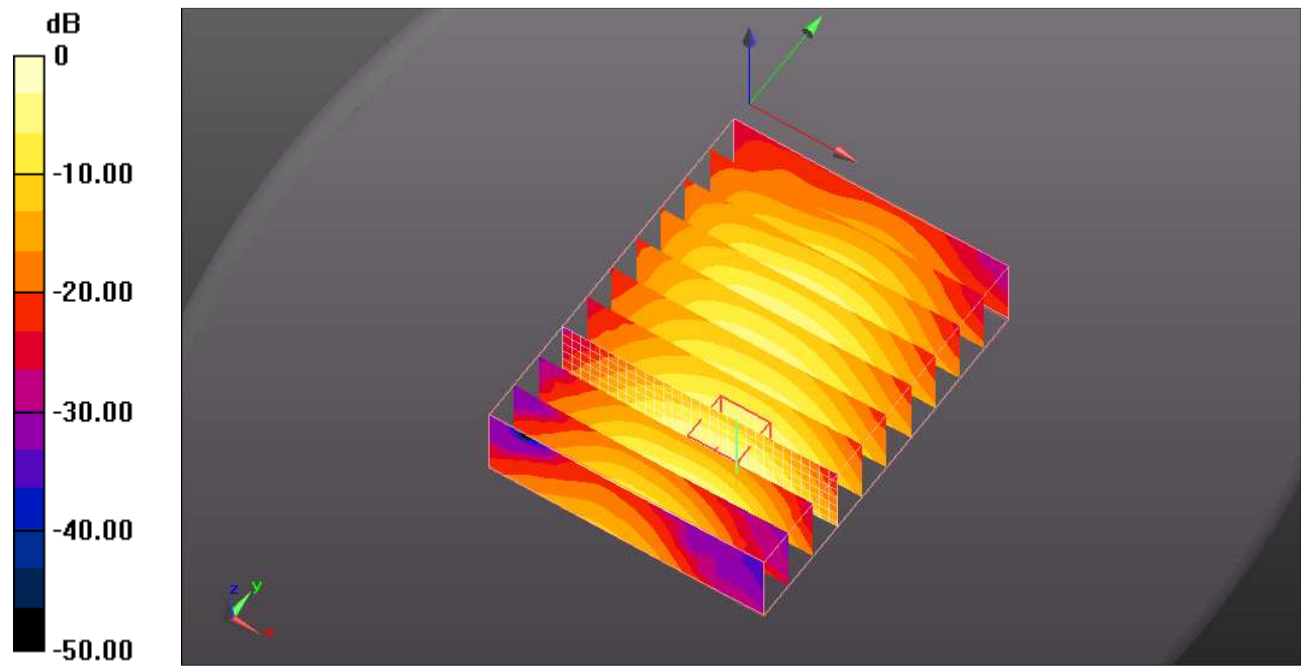
- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2)

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### Multi Band Result:

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.818 mW/g**

Maximum value of SAR (interpolated) = 1.985 mW/g



0 dB = 1.990mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for Rear/1xRTT\_M-Ch\_Vol.Scan/Volume Scan:

Date/Time: 11/2/2011 1:19:48 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xRTT.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for CDMA BC0(850)\_1xEVDO\_Rel.0/Rear Side\_Mid-Ch Vol. Scan/Volume Scan:

Date/Time: 11/5/2011 8:31:50 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA BC0\\_Body hotspot.da52:0](#)

#### DUT: LG LS840; Type

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL900 Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 53.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
  - Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for 802.11b\_Ant 3/Rear Side\_H ch/Volume Scan:

Date/Time: 11/14/2011 5:15:09 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi\\_Body.da52:0](#)

#### DUT: LG LS840

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.971$  mho/m;  $\epsilon_r = 51.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

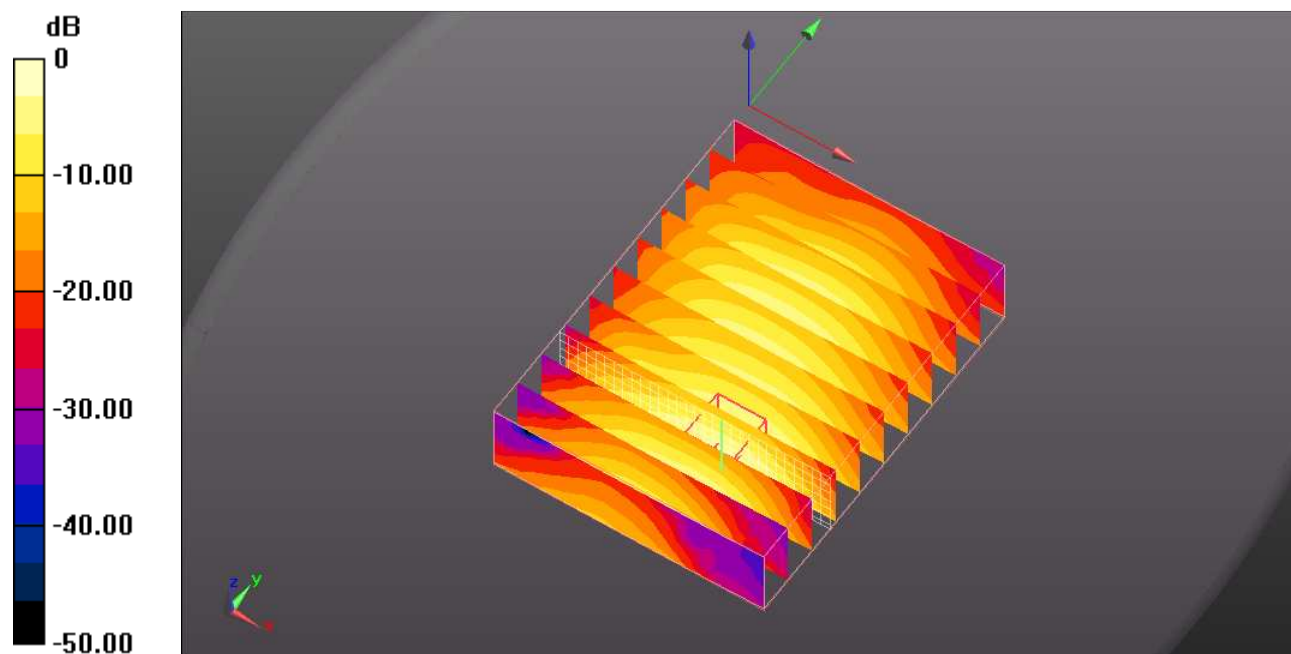
- Probe: EX3DV4 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASYS2, Version 52.6 (2)

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**Multi Band Result:**

**SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.854 mW/g**

Maximum value of SAR (interpolated) = 2.084 mW/g



0 dB = 2.080mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for Rear/1xRTT\_M-Ch\_Vol.Scan/Volume Scan:

Date/Time: 11/2/2011 1:19:48 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xRTT.da52:0](#)

**DUT: LG LS840**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for Rear/1xEvDo\_M-Ch\_Vol. Scan/Volume Scan:

Date/Time: 11/2/2011 4:24:12 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xEVDO.da52:0](#)

**DUT: LG LS840**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

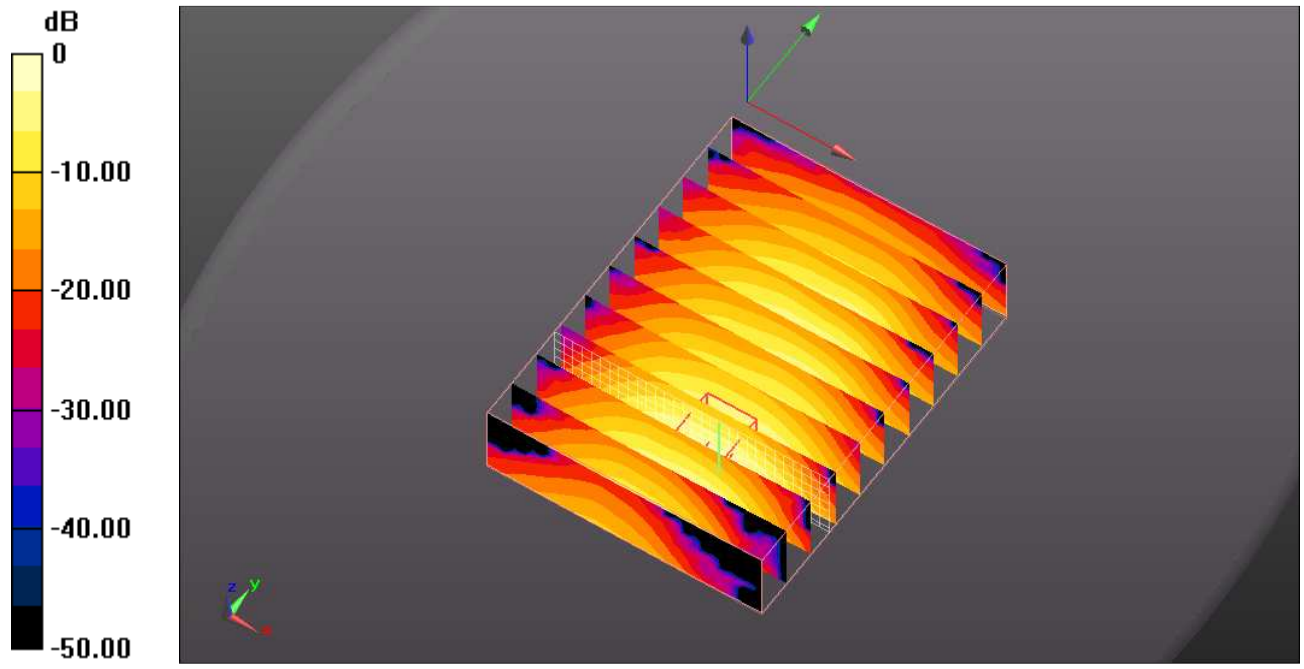
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

### Multi Band Result:

**SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.848 mW/g**

Maximum value of SAR (interpolated) = 2.110 mW/g



0 dB = 2.110mW/g

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for Rear/1xRTT\_M-Ch\_Vol.Scan/Volume Scan:

Date/Time: 11/2/2011 1:19:48 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xRTT.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for Rear/1xEvDo\_M-Ch\_Vol. Scan/Volume Scan:

Date/Time: 11/2/2011 4:24:12 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [CDMA BC1\\_1xEVDO.da52:0](#)

#### DUT: LG LS840

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(7.37, 7.37, 7.37); Calibrated: 5/3/2011
  - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
  - Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
  - Measurement SW: DASY52, Version 52.6 (2)
- 

#### DASY Configuration for 802.11b\_Ant 3/Rear Side\_H ch/Volume Scan:

Date/Time: 11/14/2011 5:15:09 AM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi\\_Body.da52:0](#)

#### DUT: LG LS840

Communication System: WLAN\_2.4GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.971$  mho/m;  $\epsilon_r = 51.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

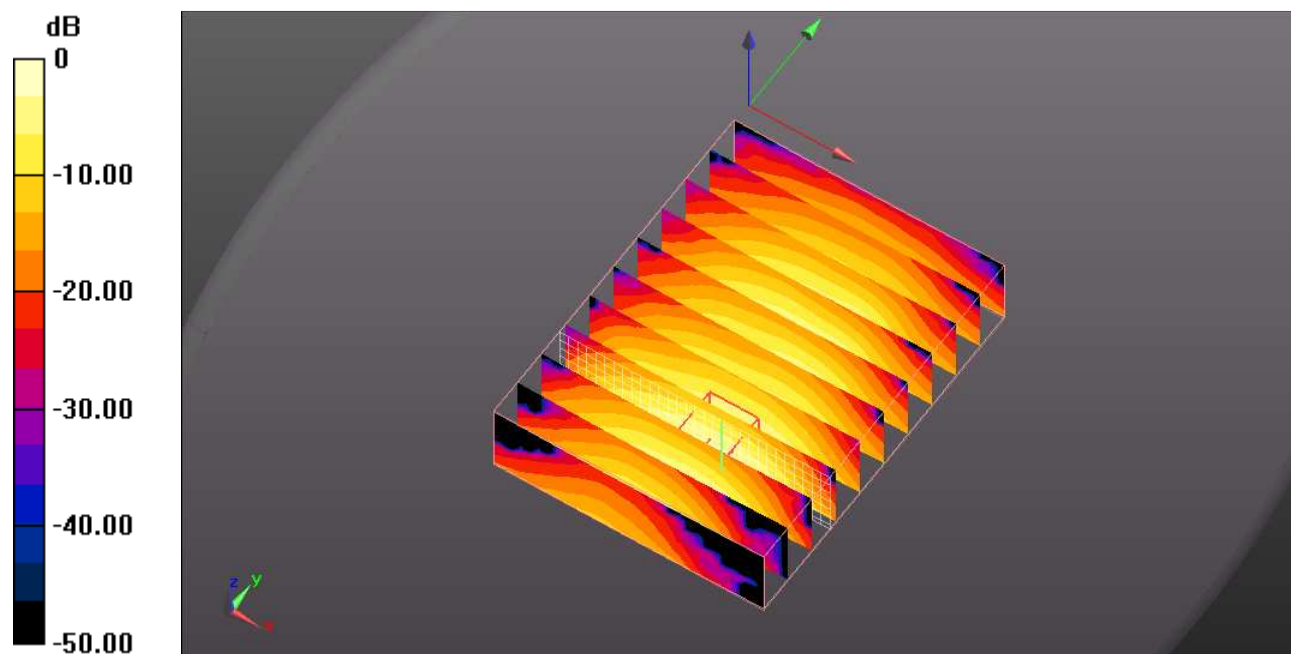
- Probe: EX3DV4 - SN3773; ConvF(6.87, 6.87, 6.87); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASYS2, Version 52.6 (2)

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**Multi Band Result:**

**SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.886 mW/g**

Maximum value of SAR (interpolated) = 2.214 mW/g



0 dB = 2.210mW/g