

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/H ch/Volume Scan:

Date/Time: 11/21/2011 2:54:19 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA2000 Cell 1xRTT \(RC3 SO32\) Volume scan.da52:1](#)

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.115$; $\rho = 1000$ kg/m³

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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DASY Configuration for Rear/M ch_QPSK_RB 1/49/Volume Scan:

Date/Time: 11/18/2011 7:19:04 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [LTE Band 13 \(BW=10MHz\) Volume scan.da52:0](#)

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL750 Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.578$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

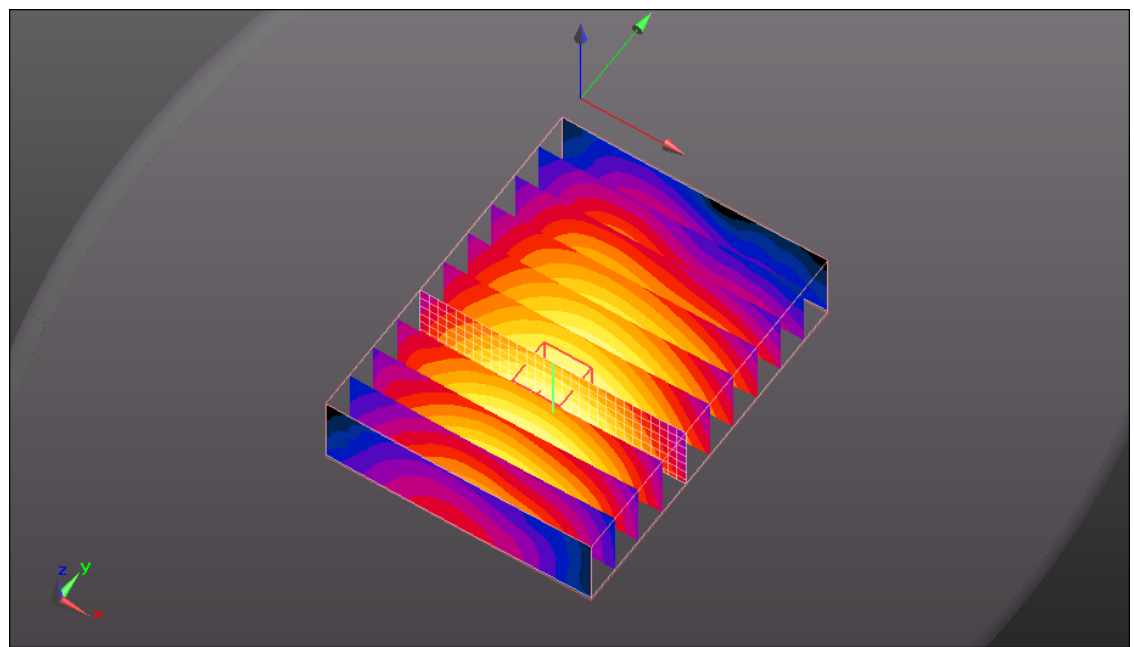
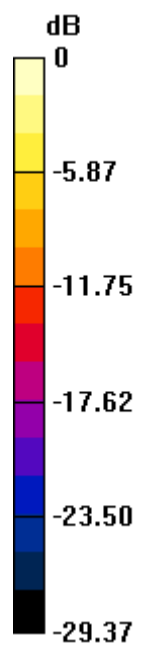
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); 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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Multi Band Result:

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.929 mW/g

Maximum value of SAR (interpolated) = 1.640 mW/g



0 dB = 1.640mW/g

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- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
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DASY Configuration for Rear/M ch_QPSK_RB 1/49/Volume Scan:

Date/Time: 11/18/2011 7:19:04 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [LTE_Band 13 \(BW=10MHz\) Volume scan.da52:0](#)

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL750 Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.578$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); 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 Rear/M ch Vol.scan/Volume Scan:

Date/Time: 11/14/2011 8:27:24 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi 802.11b 1Mbps Volume Scan.da52:0](#)

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.936$ mho/m; $\epsilon_r = 51.617$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

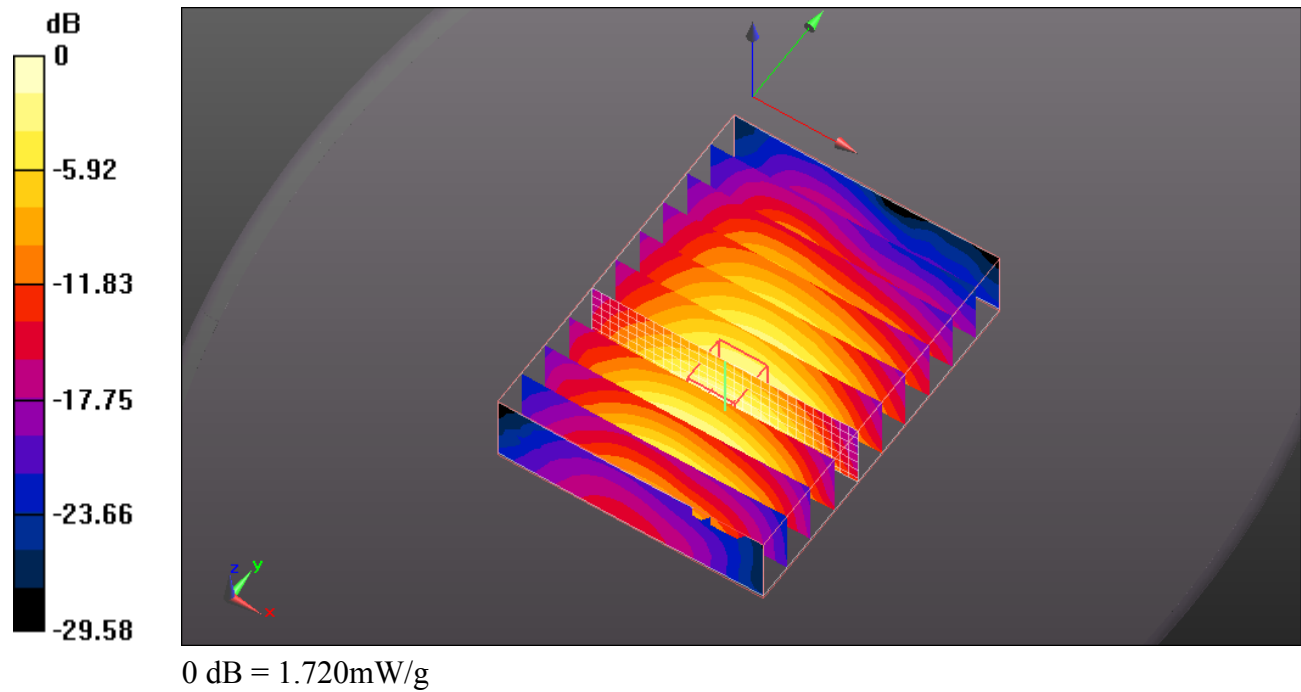
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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)
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Multi Band Result:

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.964 mW/g

Maximum value of SAR (interpolated) = 1.720 mW/g



Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/L ch/Volume Scan:

Date/Time: 11/20/2011 1:41:02 PM

Test Laboratory: UL CCS SAR Lab C

File Name: [CDMA2000 PCS 1xRTT \(RC3 SO32\) Volume scan.da52:1](#)

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.451$ mho/m; $\epsilon_r = 51.177$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(6.76, 6.76, 6.76); Calibrated: 5/3/2011
 - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
 - Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
 - Measurement SW: DASY52, Version 52.6 (2)
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DASY Configuration for Rear/M ch_QPSK_RB 1/49/Volume Scan:

Date/Time: 11/18/2011 7:19:04 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [LTE_Band 13 \(BW=10MHz\) Volume scan.da52:0](#)

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL750 Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.578$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

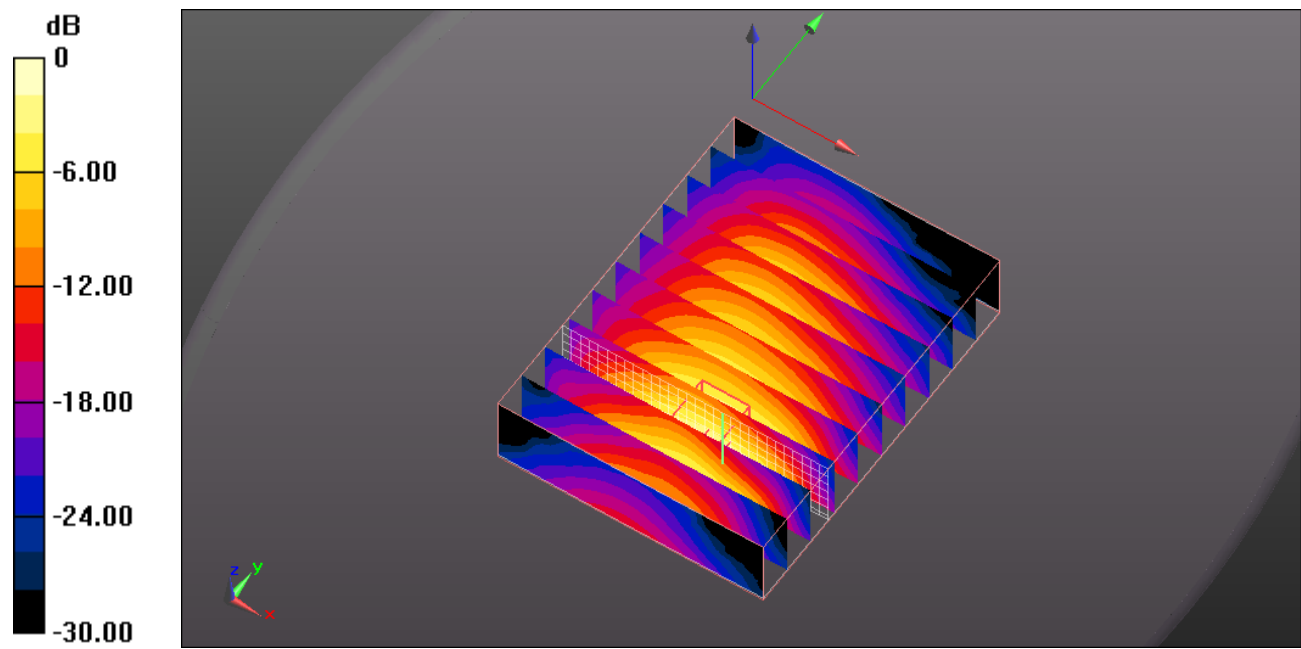
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); 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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Multi Band Result:

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.870 mW/g

Maximum value of SAR (interpolated) = 2.192 mW/g



0 dB = 2.190mW/g

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/L ch/Volume Scan:

Date/Time: 11/20/2011 1:41:02 PM

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Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.451$ mho/m; $\epsilon_r = 51.177$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3772; ConvF(6.76, 6.76, 6.76); Calibrated: 5/3/2011
 - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
 - Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
 - Measurement SW: DASY52, Version 52.6 (2)
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DASY Configuration for Rear/M ch_QPSK_RB 1/49/Volume Scan:

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File Name: [LTE_Band 13 \(BW=10MHz\) Volume scan.da52:0](#)

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL750 Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.578$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
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DASY Configuration for Rear/M ch Vol.scan/Volume Scan:

Date/Time: 11/14/2011 8:27:24 PM

Test Laboratory: UL CCS SAR Lab B

File Name: [WiFi 802.11b 1Mbps Volume Scan.da52:0](#)

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.936$ mho/m; $\epsilon_r = 51.617$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

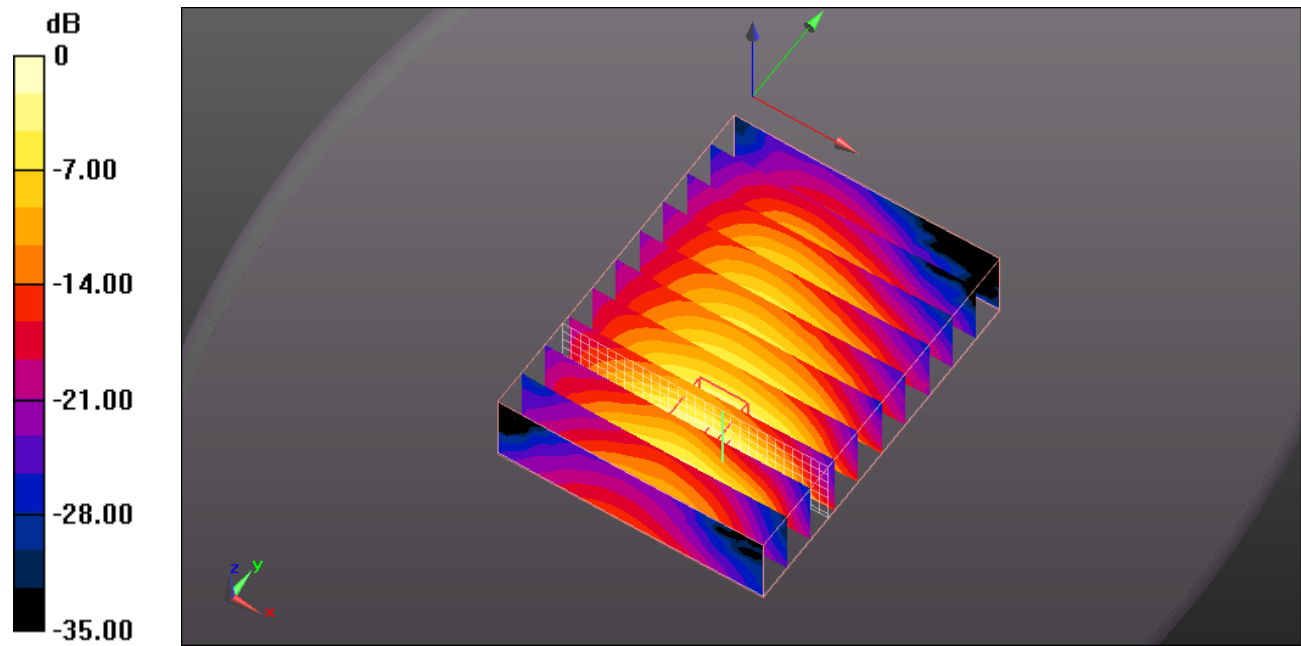
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- 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) = 1.39 mW/g; SAR(10 g) = 0.892 mW/g

Maximum value of SAR (interpolated) = 2.233 mW/g



0 dB = 2.230mW/g