

SAR Test Plots

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 40.805$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.06, 10.06, 10.06); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-28; Ambient Temp: 20.9; Tissue Temp: 21.4

Left Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

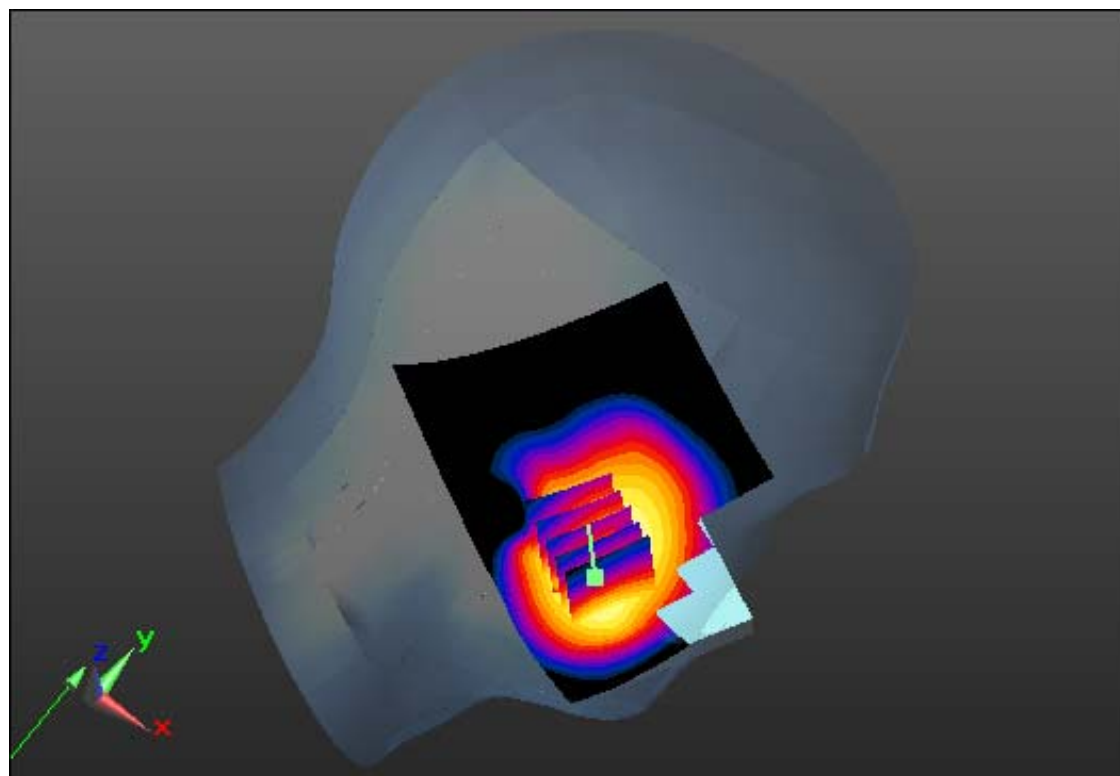
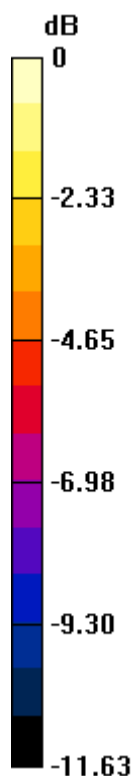
Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.346 W/kg



0 dB = 0.572 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 40.805$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.06, 10.06, 10.06); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-28; Ambient Temp: 20.9; Tissue Temp: 21.4

Left Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

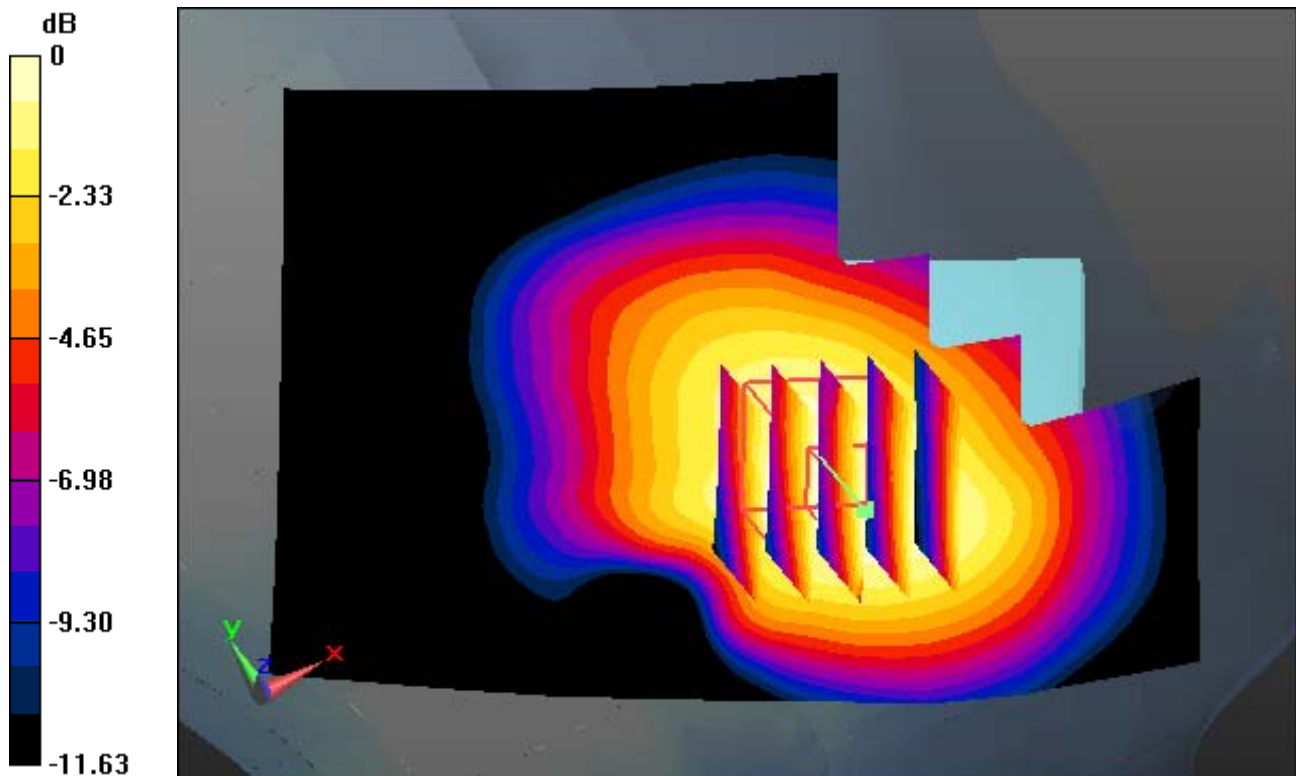
Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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DIGITAL EMC CO., LTD

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Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 40.805$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.06, 10.06, 10.06); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-28; Ambient Temp: 20.9; Tissue Temp: 21.4

Left Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

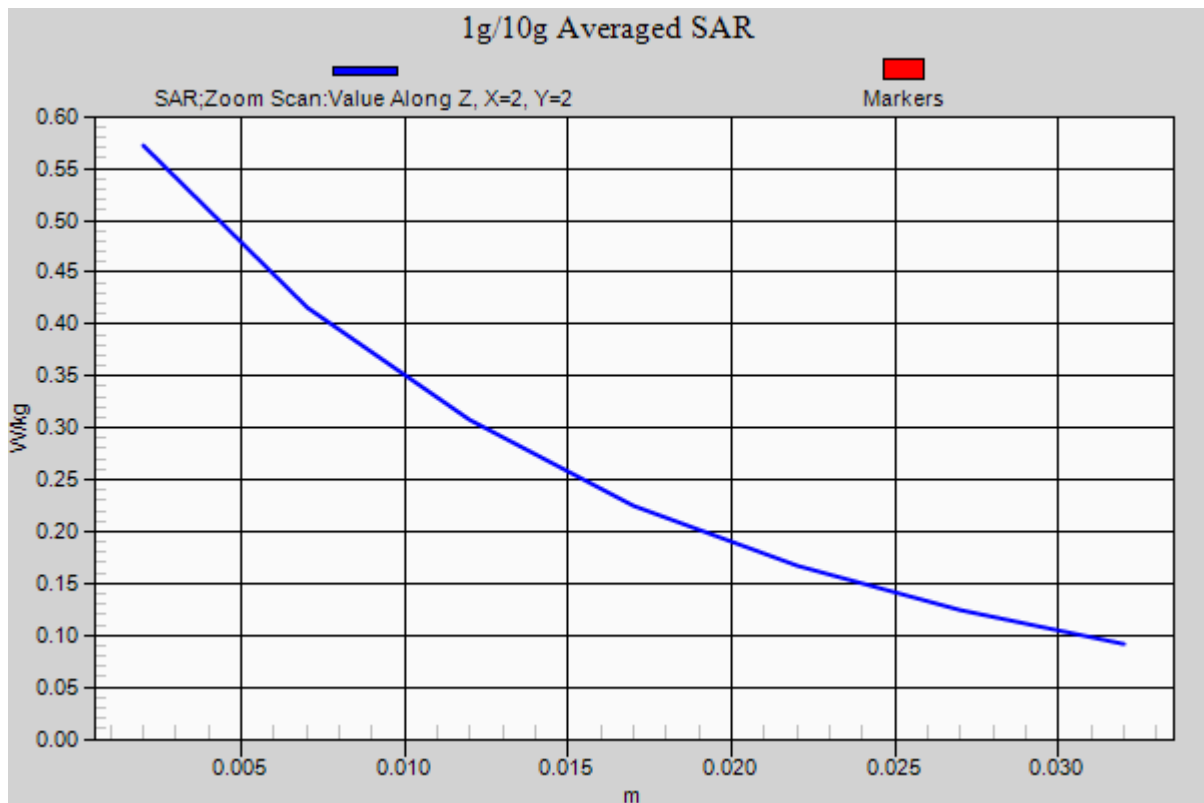
Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.346 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.411 \text{ S/m}$; $\epsilon_r = 40.592$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.25, 8.25, 8.25); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-03; Ambient Temp: 20.7; Tissue Temp: 21.1

Left Touch, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal, Standard Battery

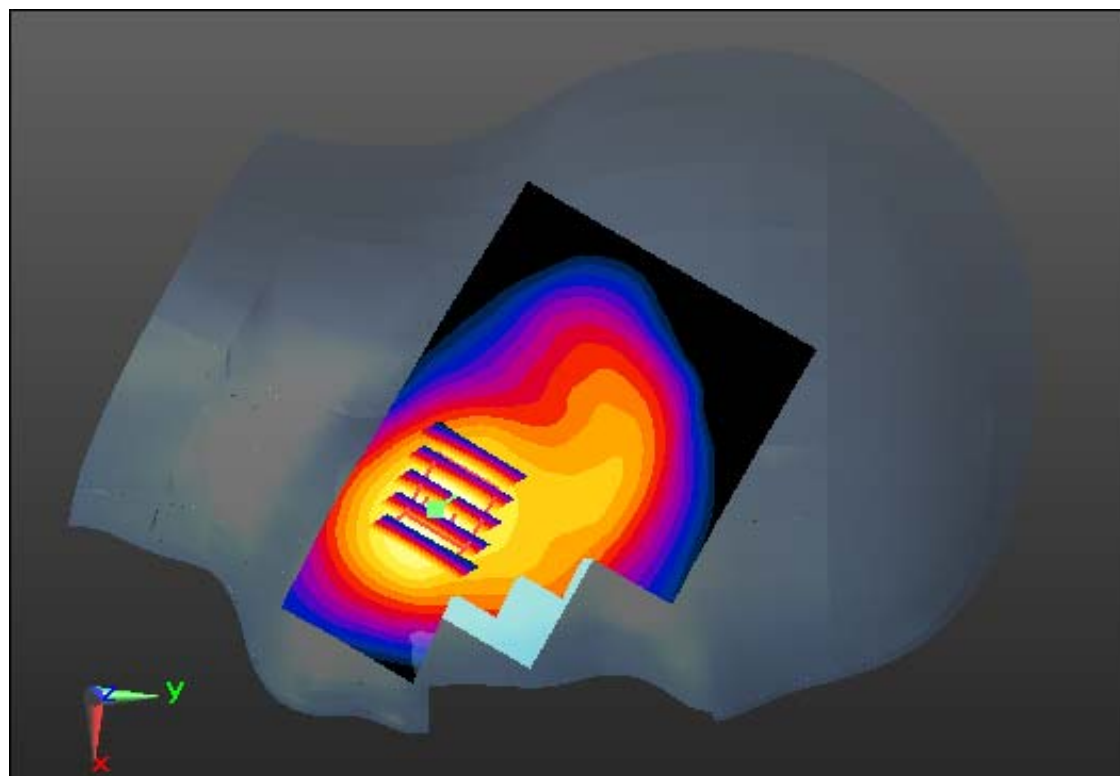
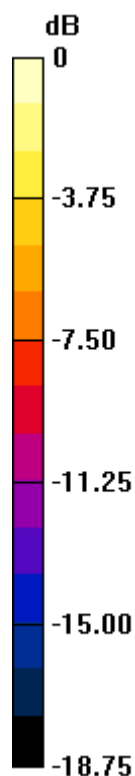
Area Scan (71x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.619 W/kg



0 dB = 1.50 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.411 \text{ S/m}$; $\epsilon_r = 40.592$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.25, 8.25, 8.25); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-03; Ambient Temp: 20.7; Tissue Temp: 21.1

Left Touch, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal, Standard Battery

With Enlarge plot image

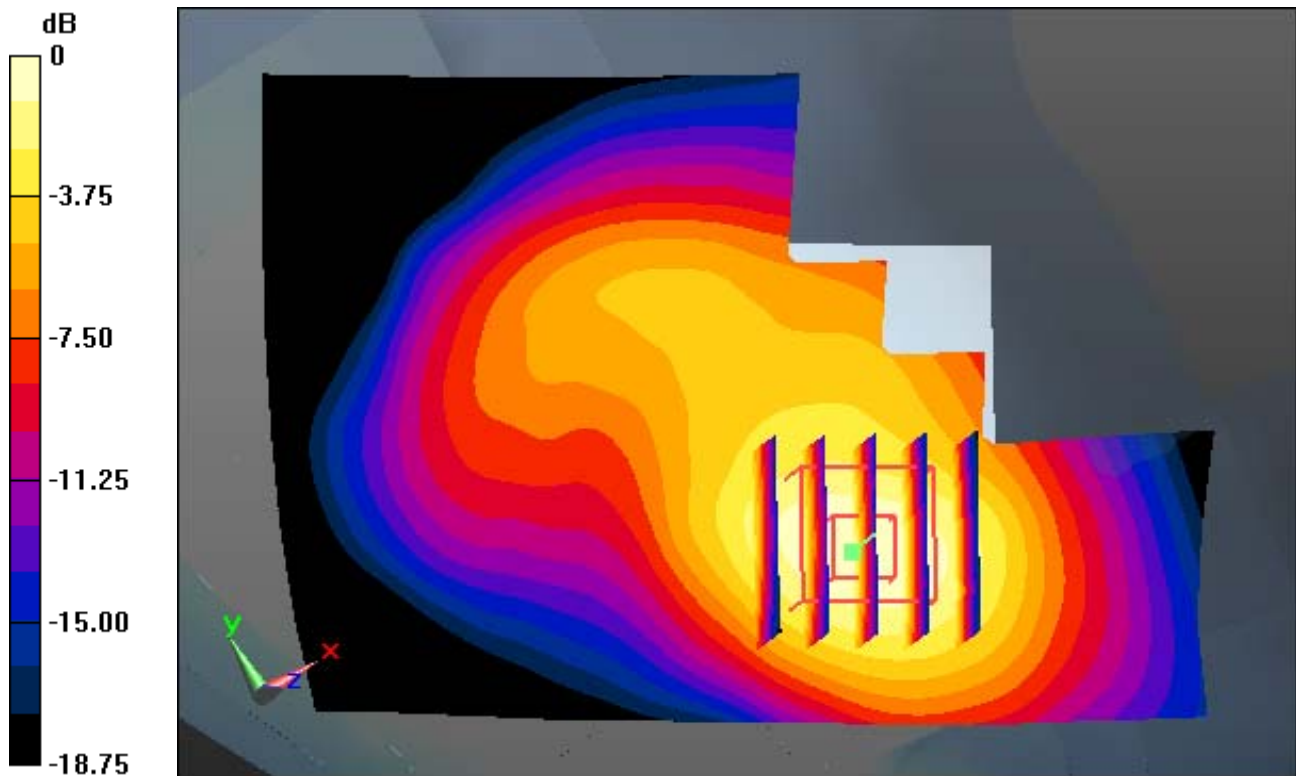
Area Scan (71x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.619 W/kg



0 dB = 1.50 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.411$ S/m; $\epsilon_r = 40.592$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.25, 8.25, 8.25); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-03; Ambient Temp: 20.7; Tissue Temp: 21.1

Left Touch, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal, Standard Battery

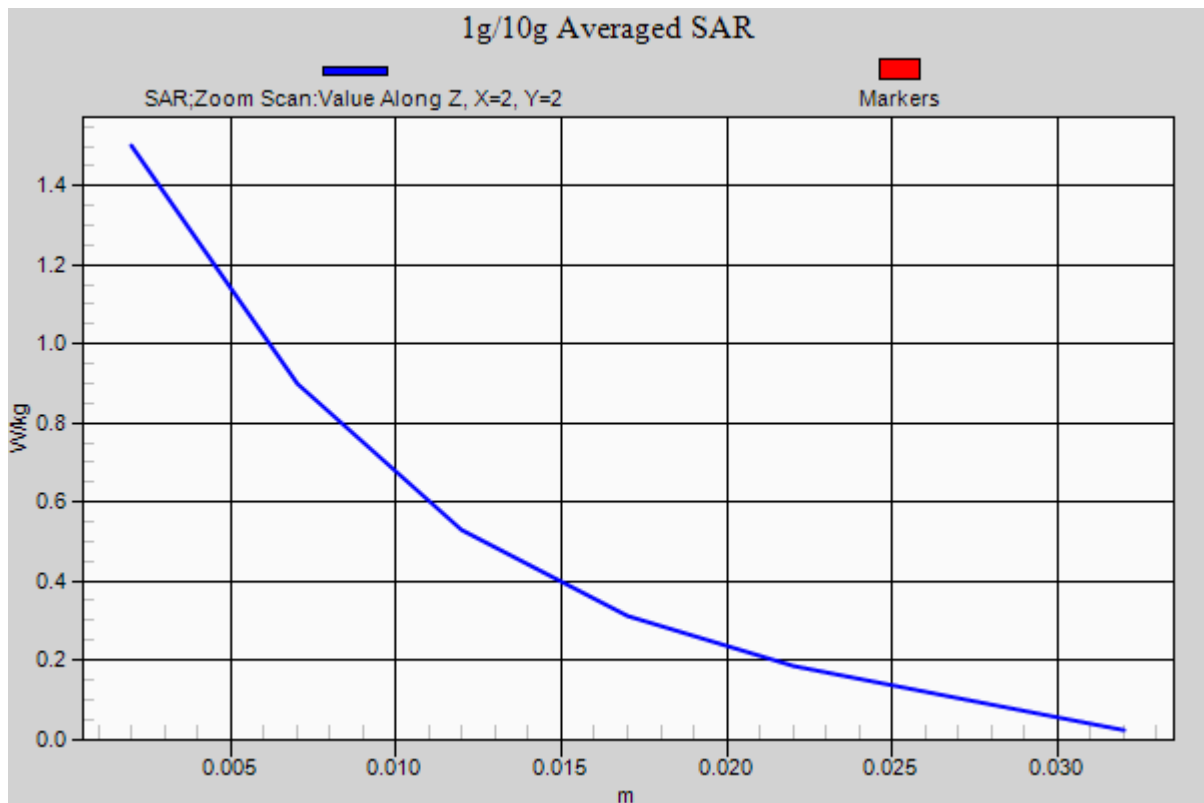
Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.619 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 40.886$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.06, 10.06, 10.06); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-05; Ambient Temp: 20.9; Tissue Temp: 21.4

Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

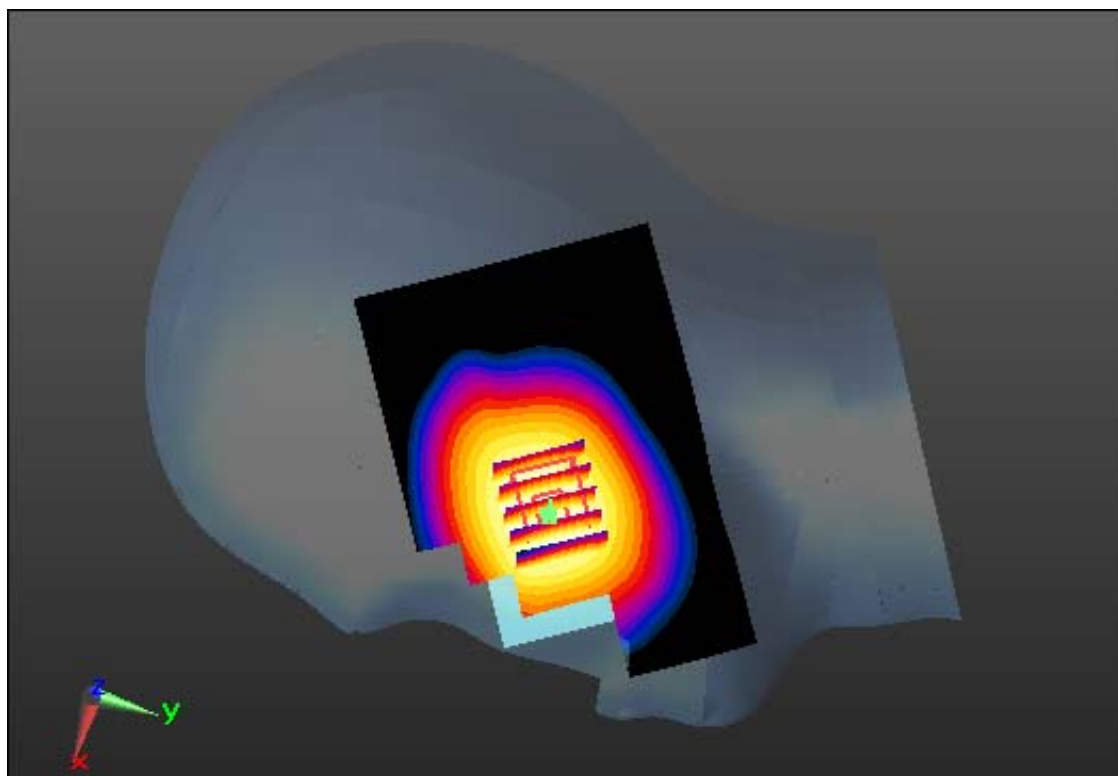
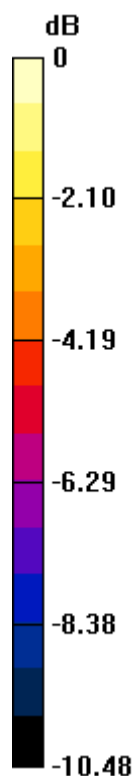
Area Scan (71x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.365 W/kg



0 dB = 0.545 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 40.886$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.06, 10.06, 10.06); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-05; Ambient Temp: 20.9; Tissue Temp: 21.4

Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

With Enlarge plot image

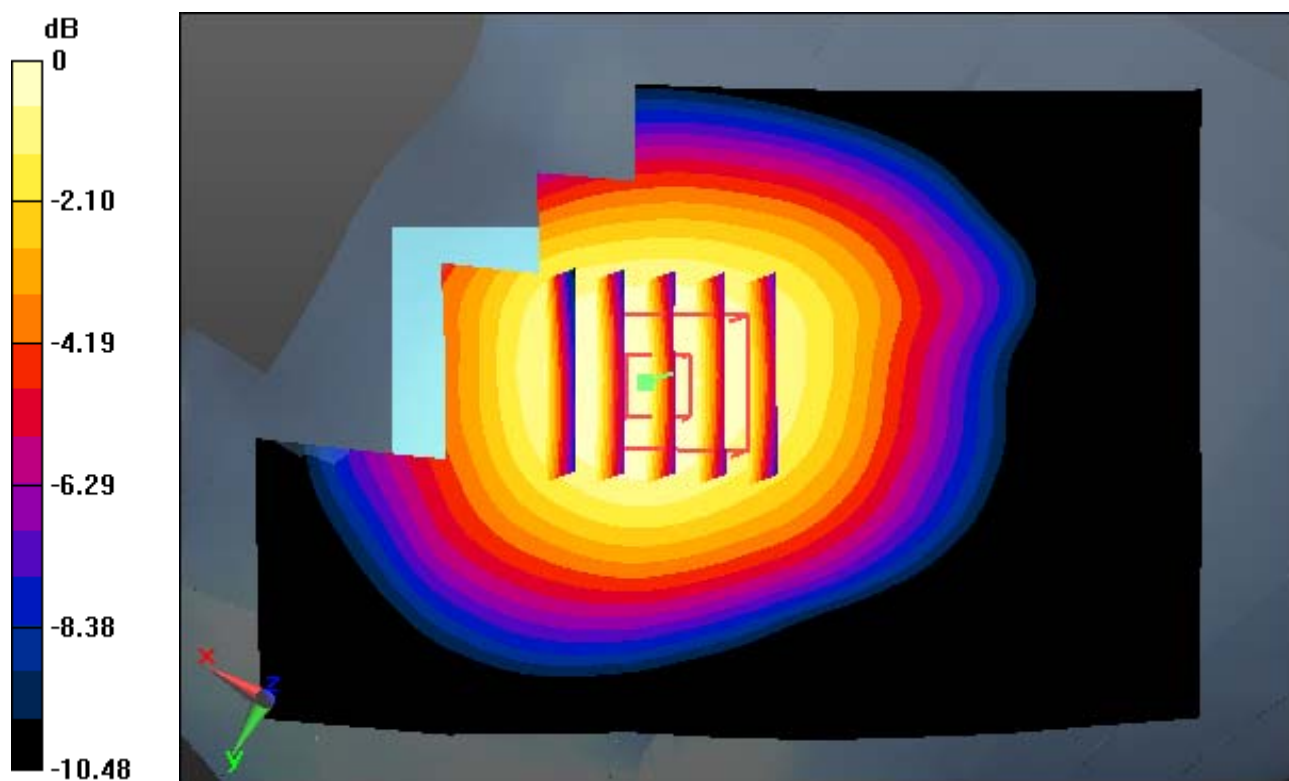
Area Scan (71x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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0 dB = 0.545 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 40.886$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.06, 10.06, 10.06); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-05; Ambient Temp: 20.9; Tissue Temp: 21.4

Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

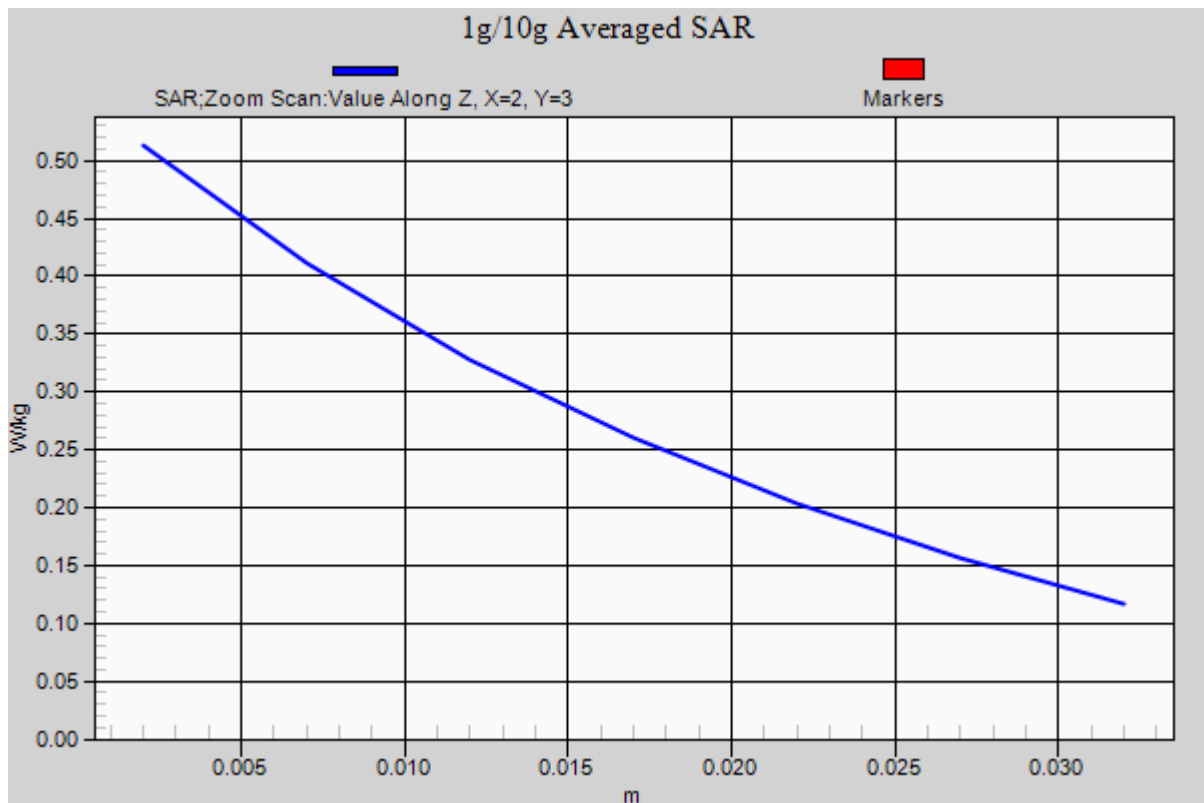
Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.365 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.787$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.25, 8.25, 8.25); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

Left Touch, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

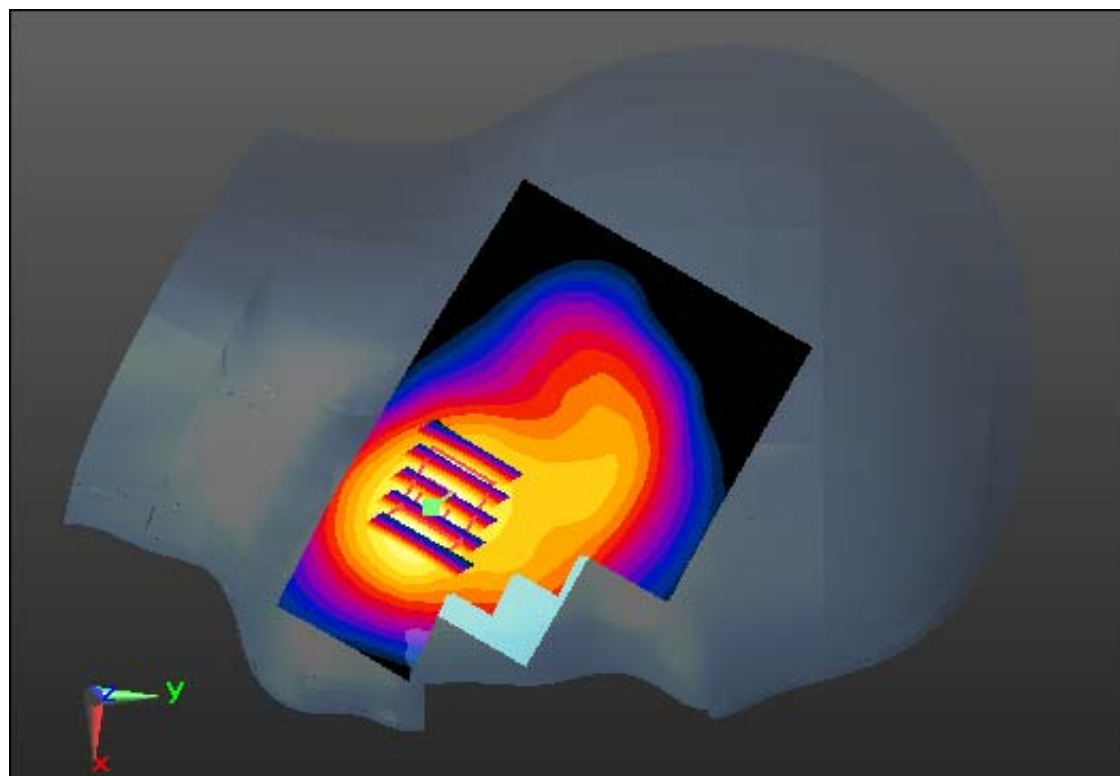
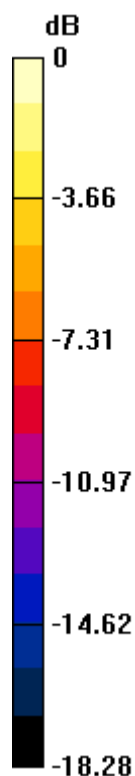
Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.645 W/kg



0 dB = 1.59 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.787$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.25, 8.25, 8.25); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

Left Touch, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

With Enlarge plot image

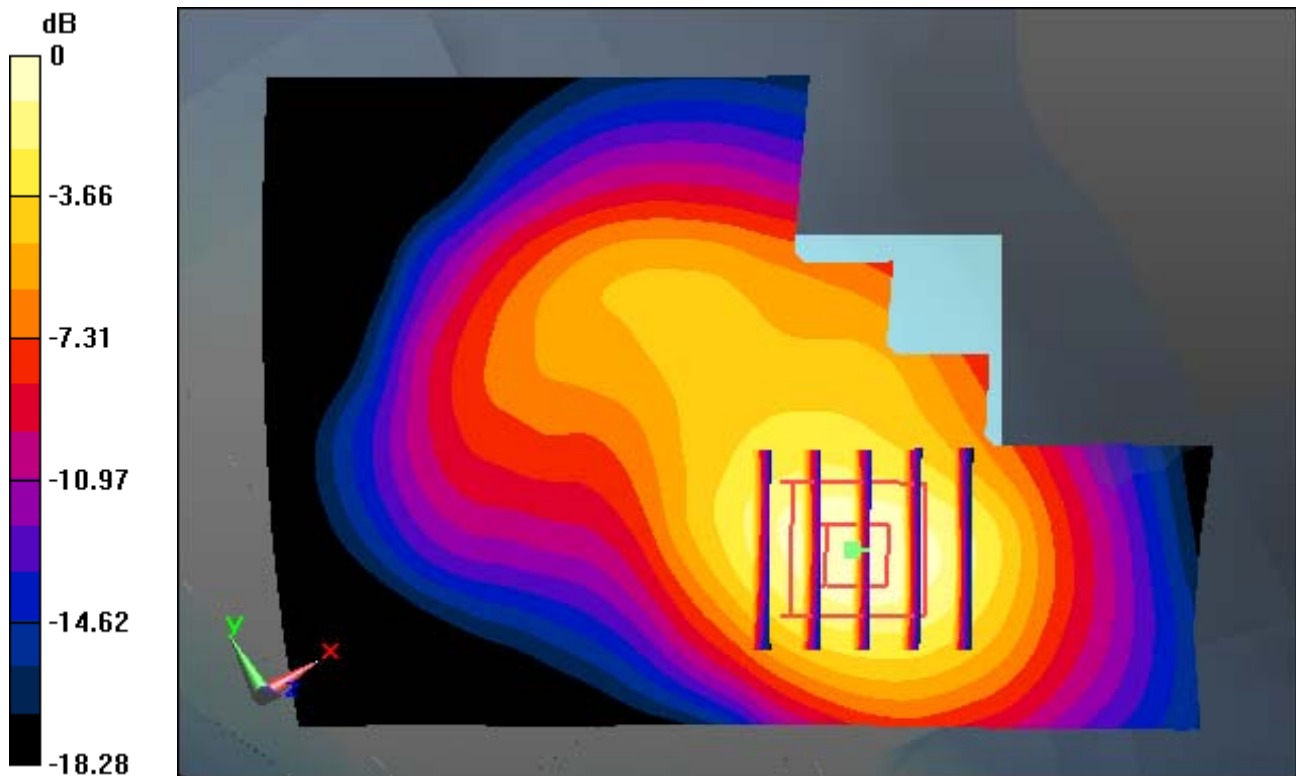
Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.645 W/kg



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DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.787$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.25, 8.25, 8.25); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

Left Touch, WDMA1900 Ch. 9538, Ant Internal, Standard Battery

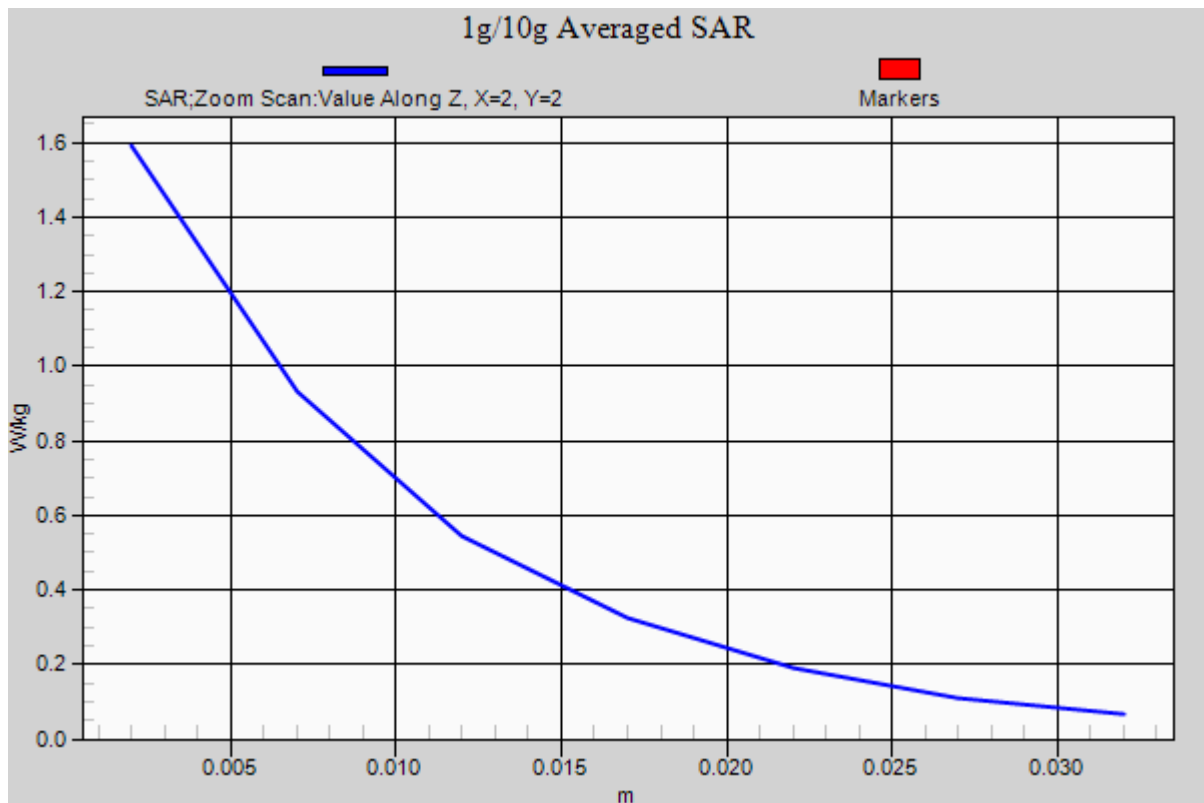
Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.645 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.856 \text{ S/m}$; $\epsilon_r = 39.529$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.44, 7.44, 7.44); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

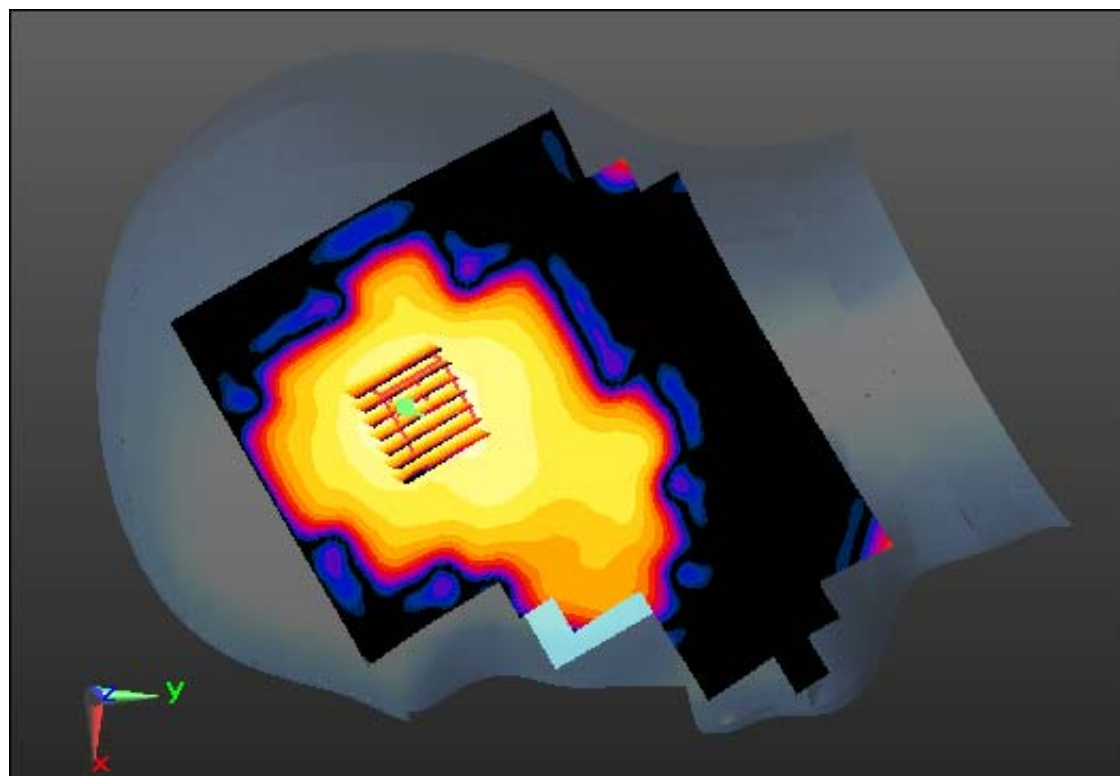
Area Scan (131x161x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.158 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.529$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.44, 7.44, 7.44); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

With Enlarge plot image

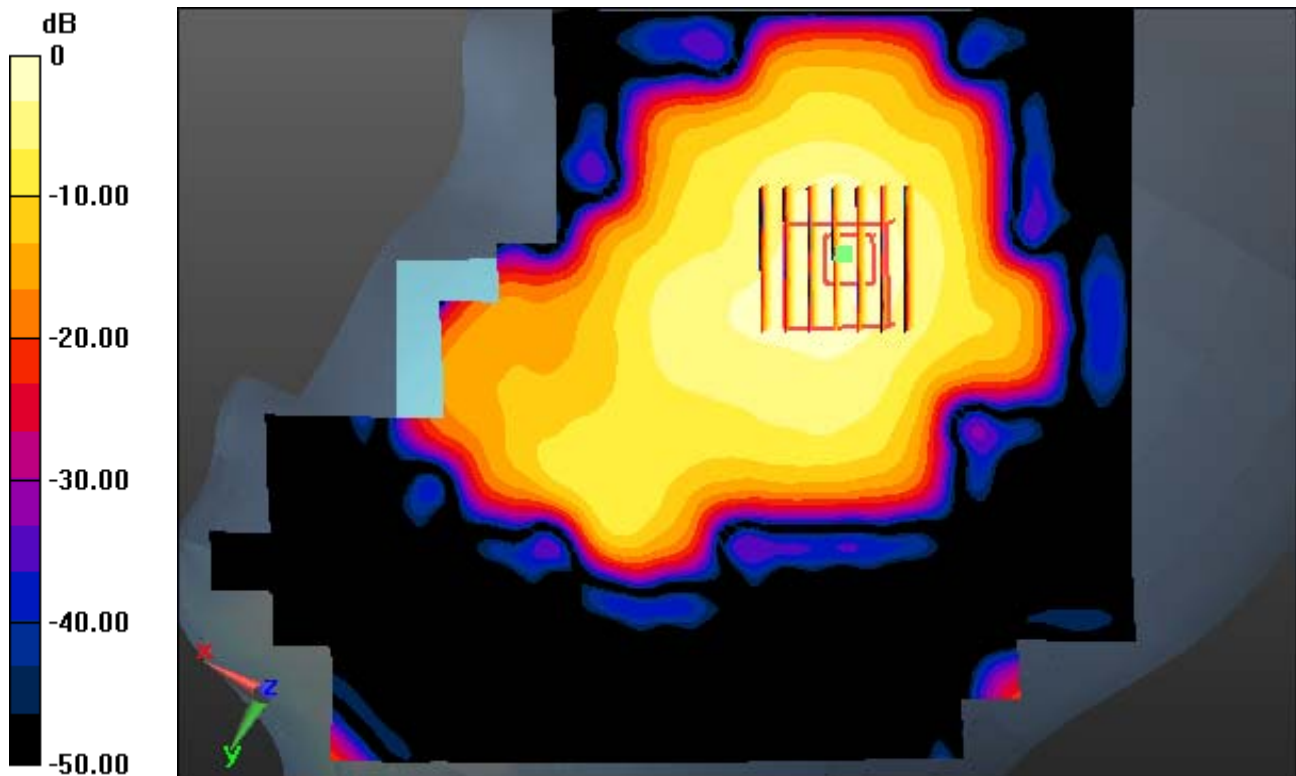
Area Scan (131x161x1): Interpolated grid: dx=12mm, dy=12mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.158 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.529$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.44, 7.44, 7.44); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

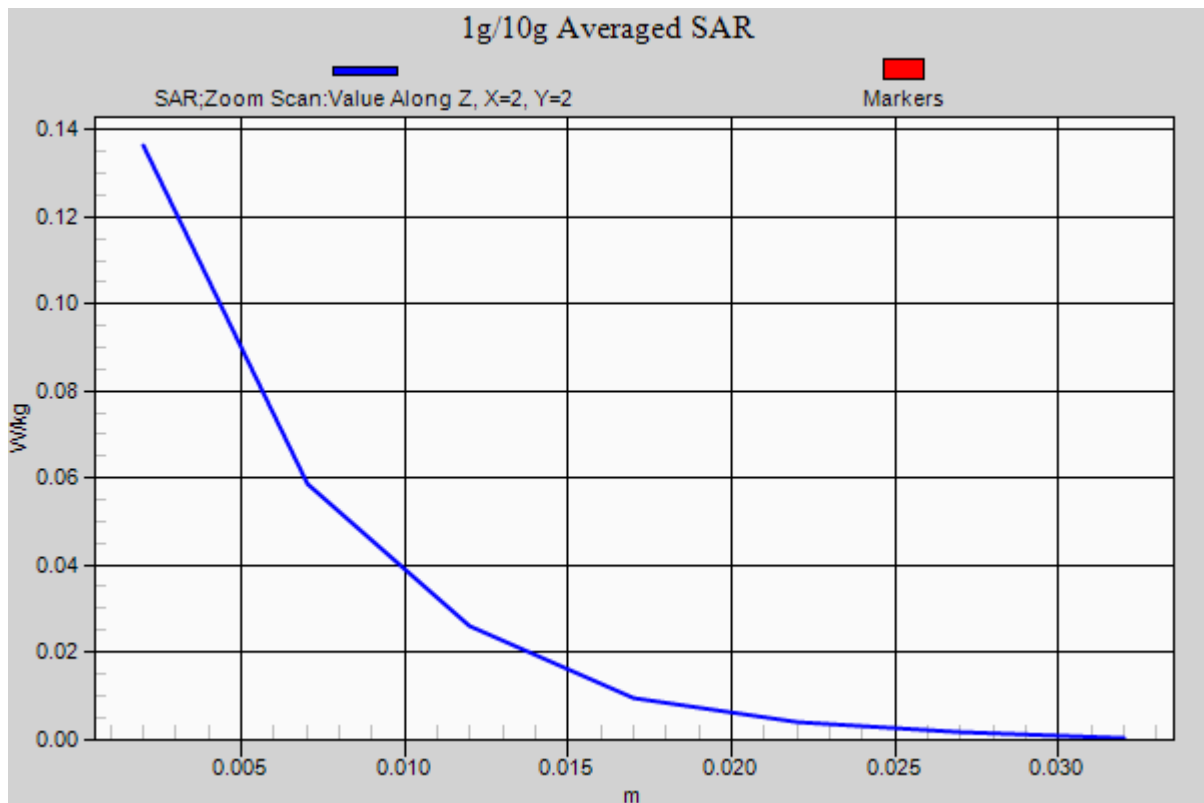
Area Scan (131x161x1): Interpolated grid: dx=12mm, dy=12mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.047 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: GSM 850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.283$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-29; Ambient Temp: 20.7; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 Ch. 251, Ant Internal

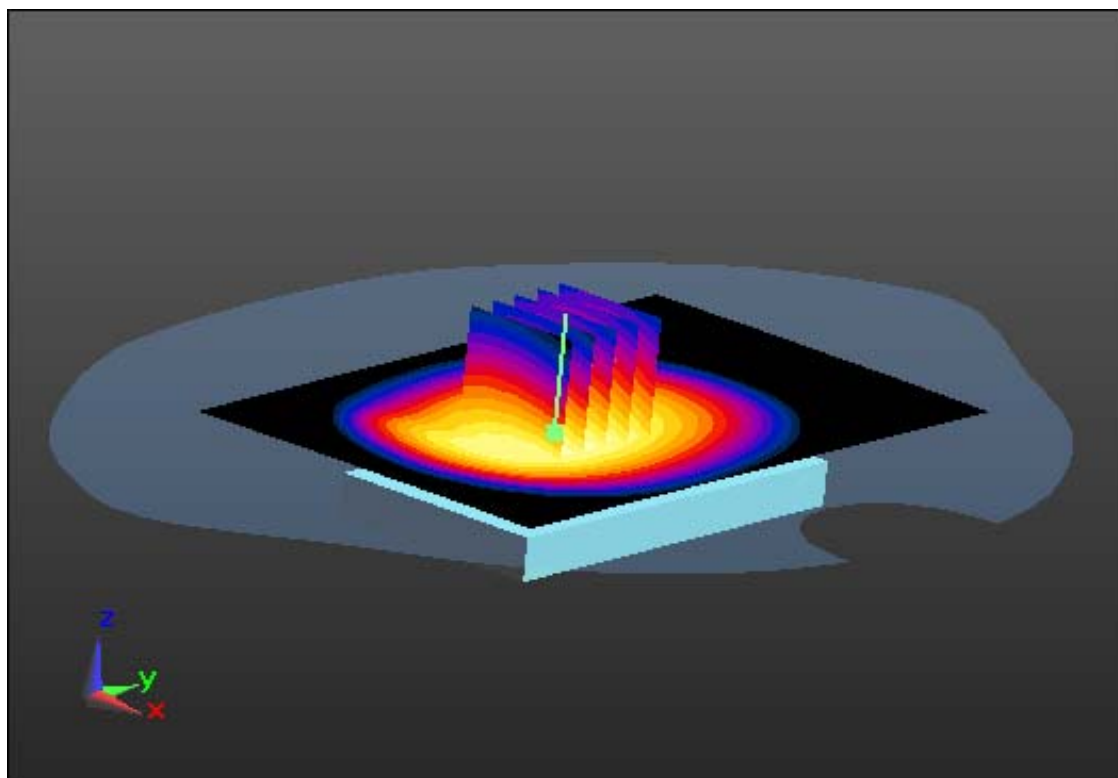
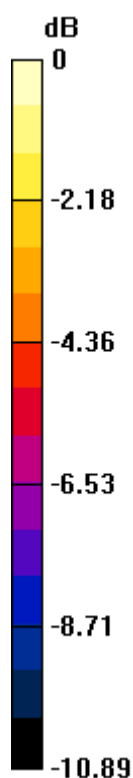
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.698 W/kg



0 dB = 1.16 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: GSM 850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 53.283$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-29; Ambient Temp: 20.7; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 Ch. 251, Ant Internal

With Enlarge plot image

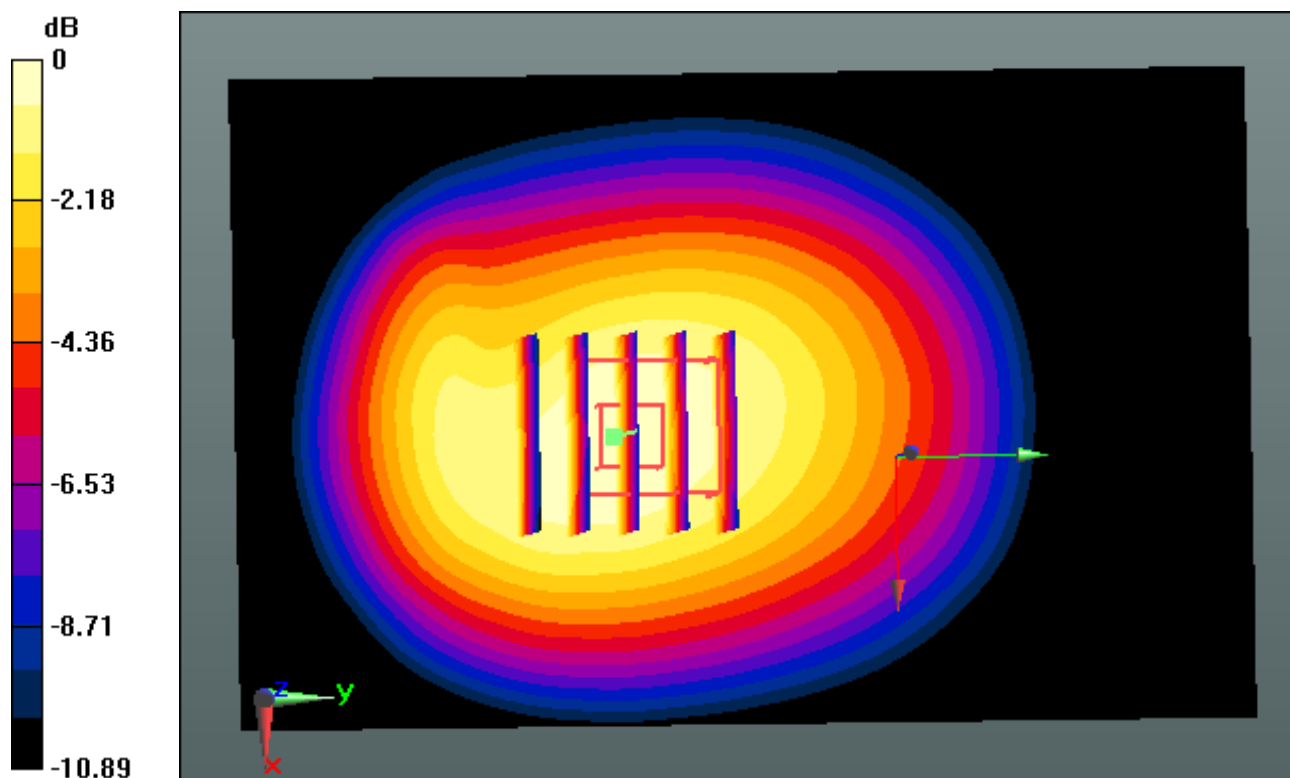
Area Scan (71x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.698 W/kg



0 dB = 1.16 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: GSM 850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.283$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-29; Ambient Temp: 20.7; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 Ch. 251, Ant Internal

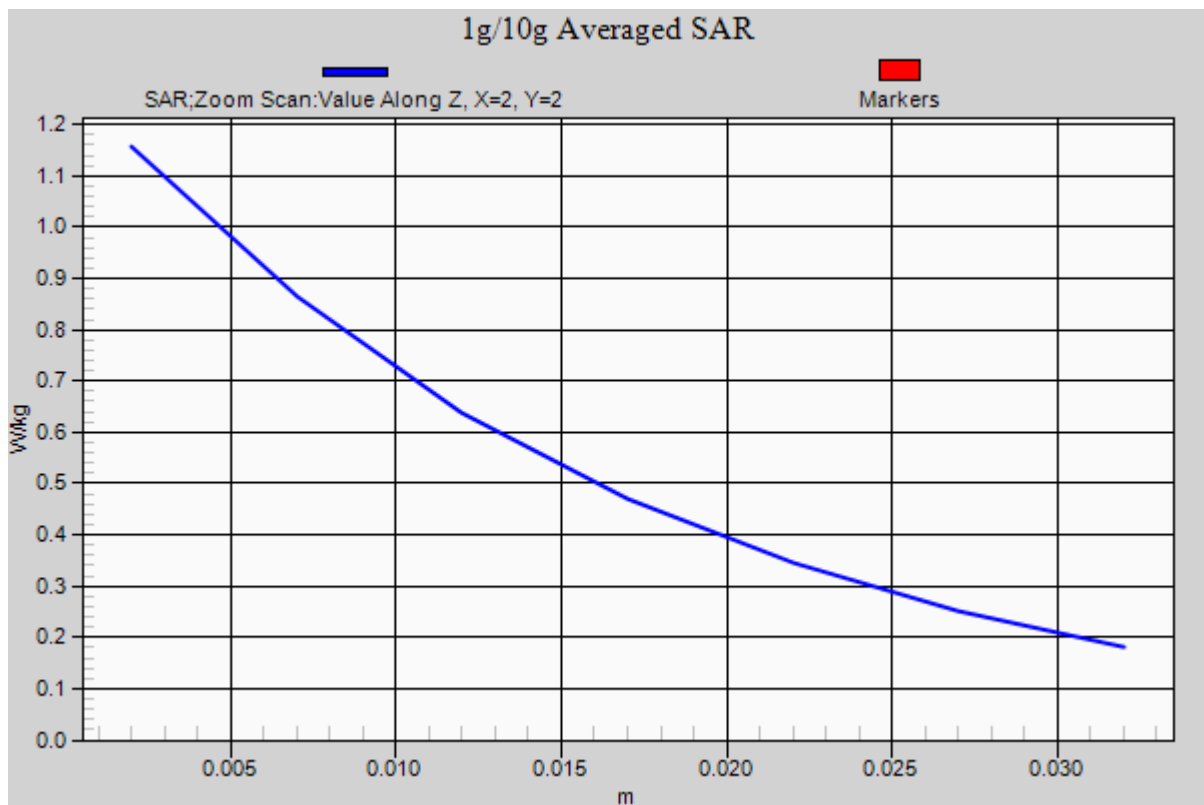
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.698 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.283$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-29; Ambient Temp: 20.7; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 251, Ant Internal

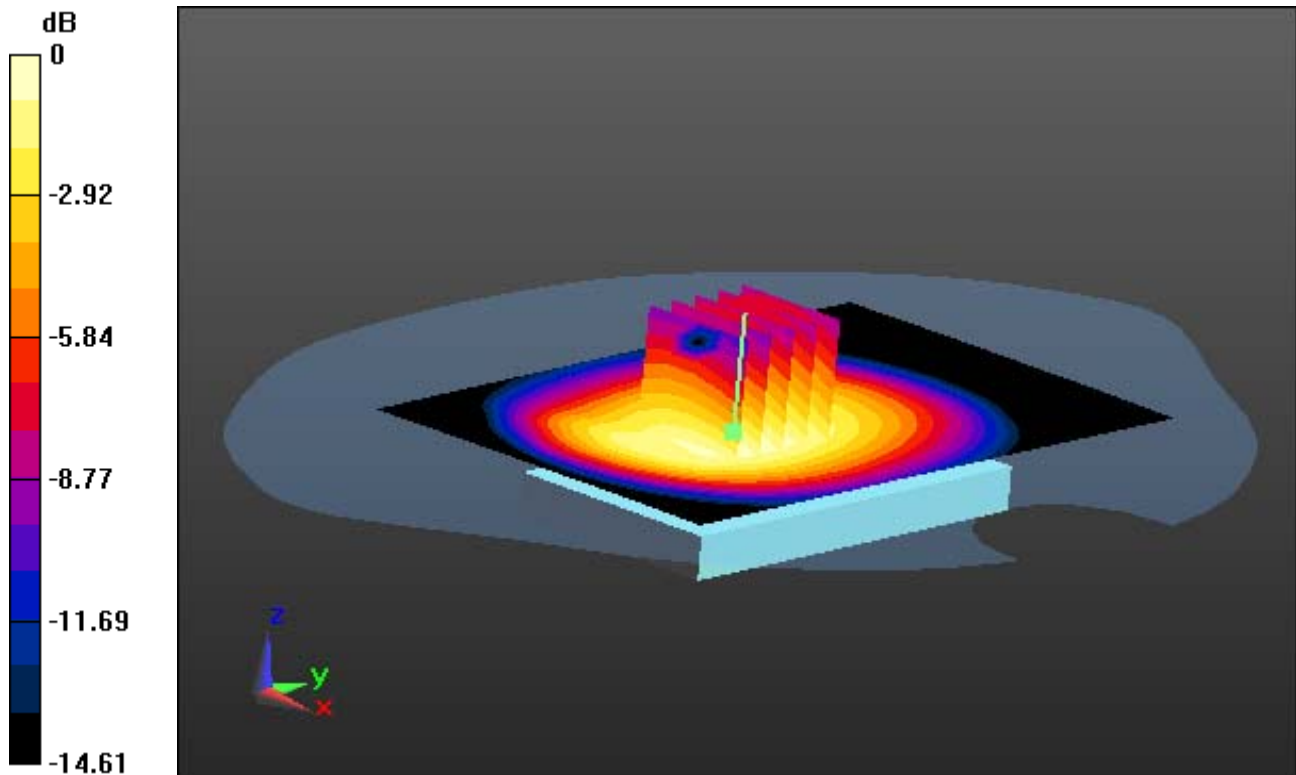
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.832 W/kg



0 dB = 1.39 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.283$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-29; Ambient Temp: 20.7; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 251, Ant Internal

With Enlarge plot image

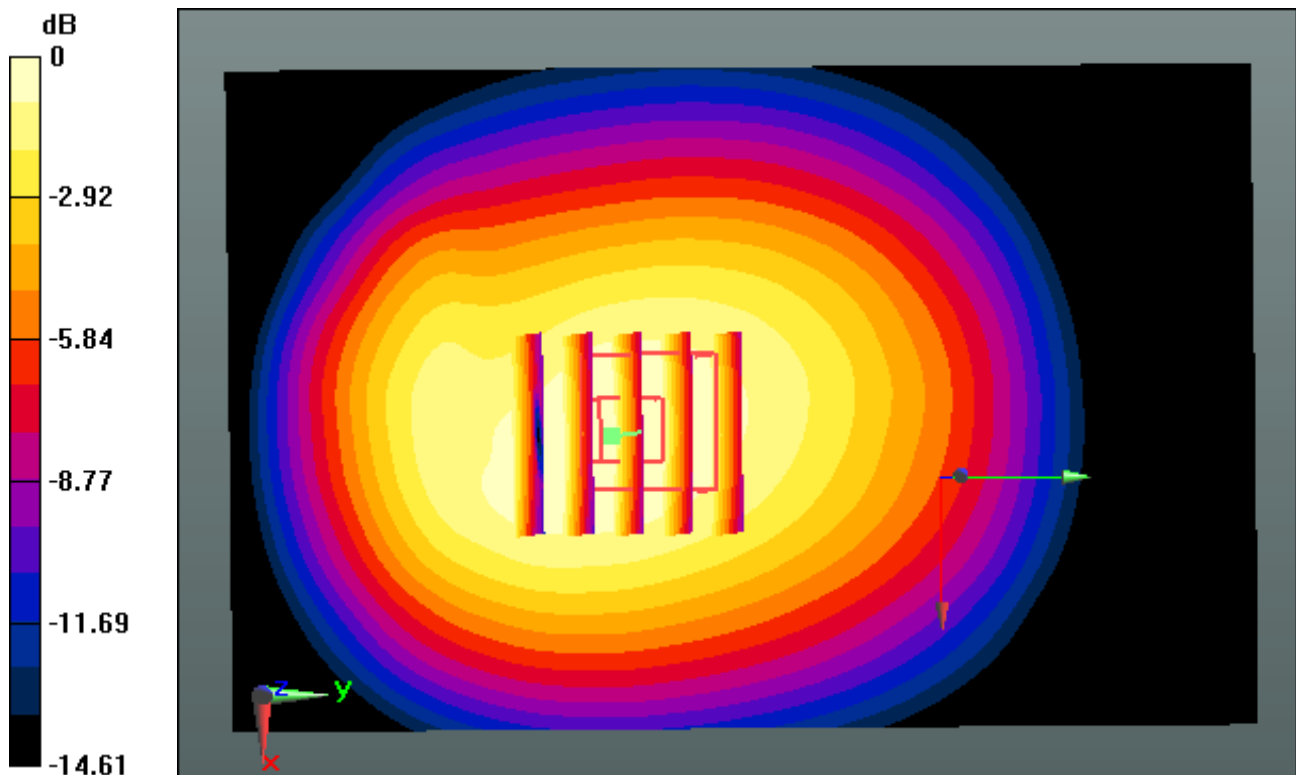
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.832 W/kg



0 dB = 1.39 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.283$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-01-29; Ambient Temp: 20.7; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 251, Ant Internal

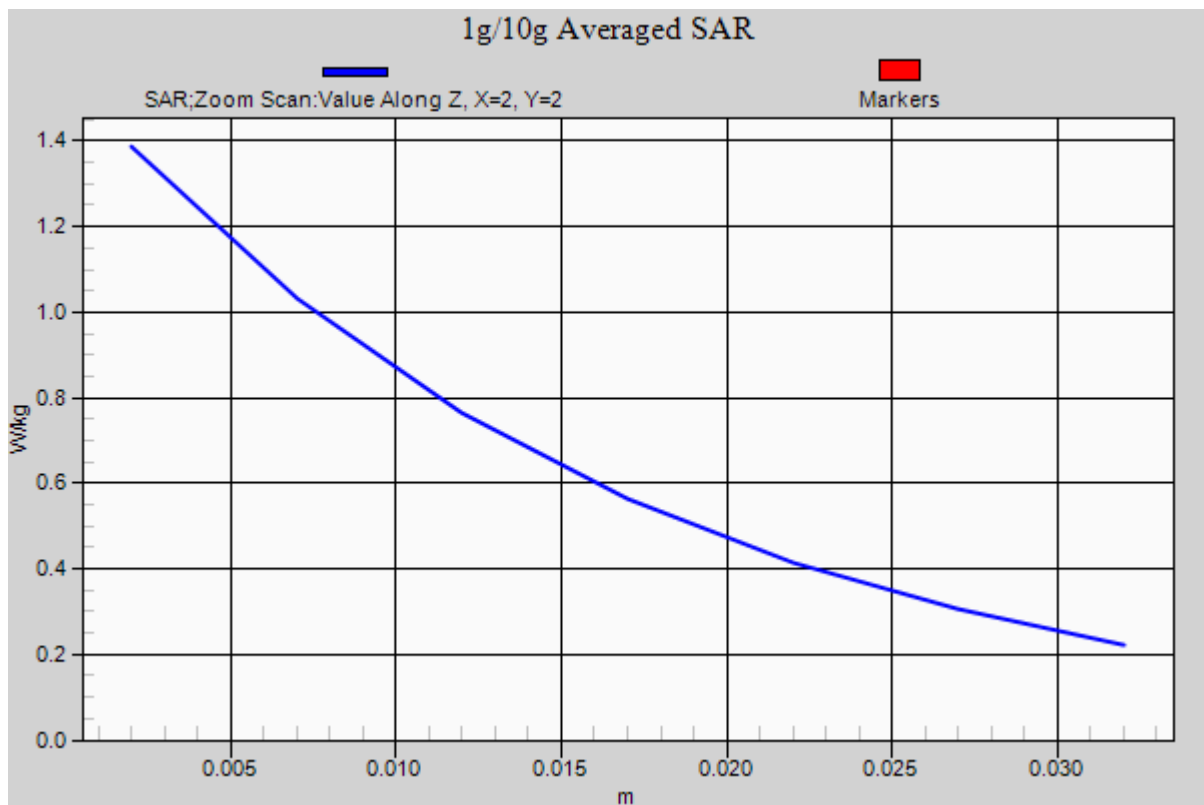
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.832 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.497 \text{ S/m}$; $\epsilon_r = 52.696$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-04; Ambient Temp: 21.0; Tissue Temp: 21.5

1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

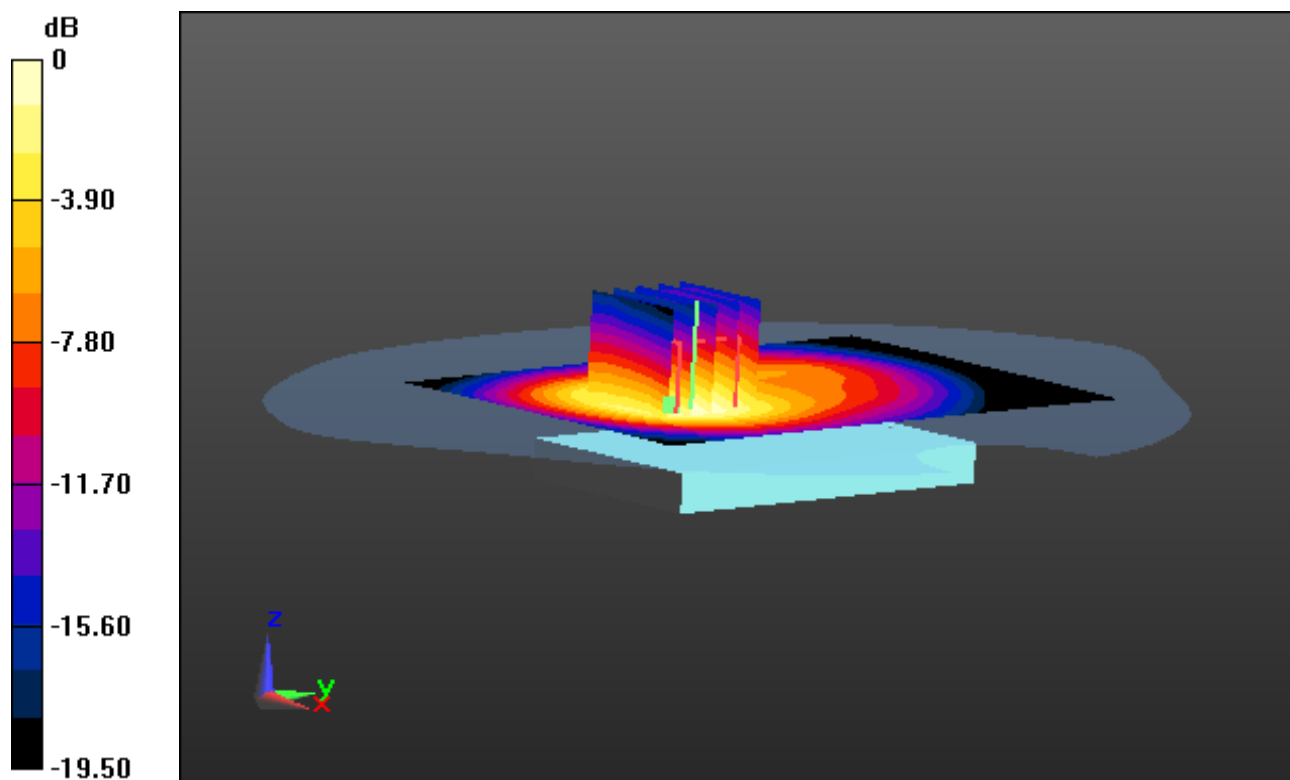
Area Scan (71x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.439 W/kg



0 dB = 1.02 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.497 \text{ S/m}$; $\epsilon_r = 52.696$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-04; Ambient Temp: 21.0; Tissue Temp: 21.5

1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

With Enlarge plot image

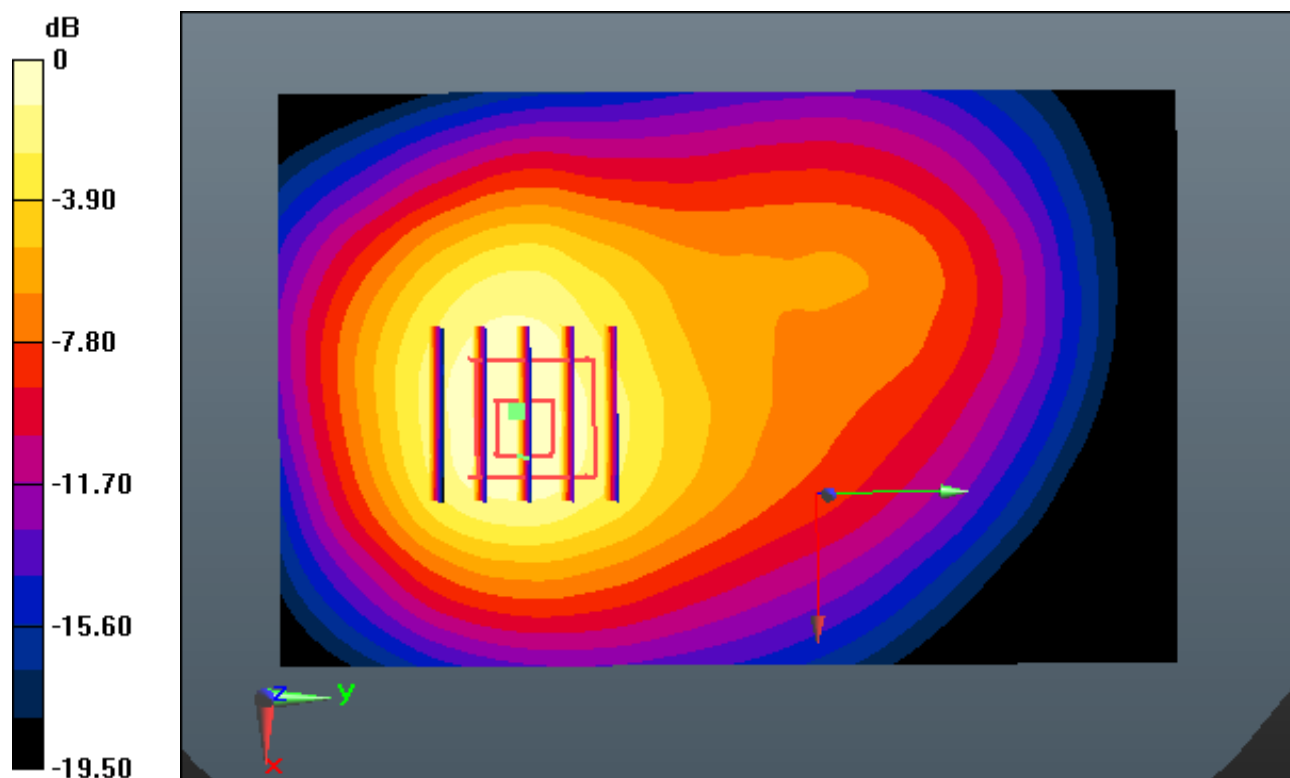
Area Scan (71x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.439 W/kg



0 dB = 1.02 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.497$ S/m; $\epsilon_r = 52.696$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-04; Ambient Temp: 21.0; Tissue Temp: 21.5

1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

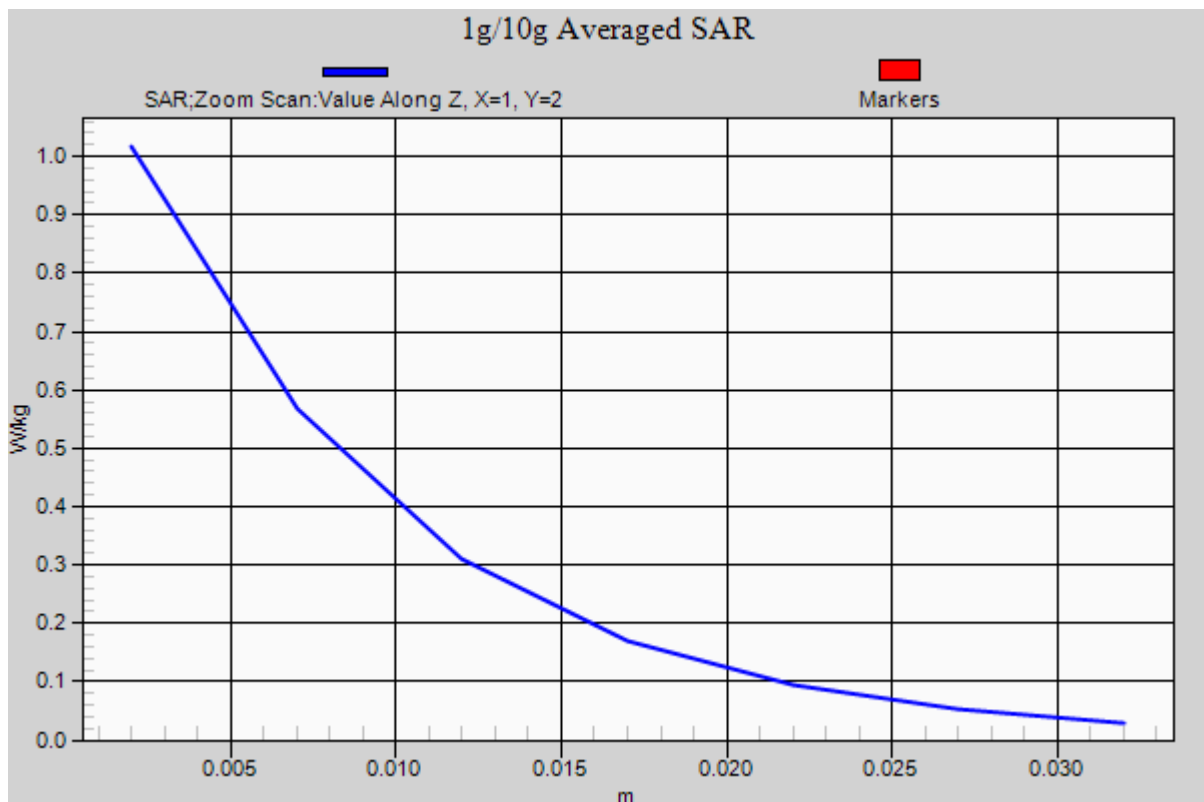
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.439 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 52.627$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-04; Ambient Temp: 21.0; Tissue Temp: 21.5

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal

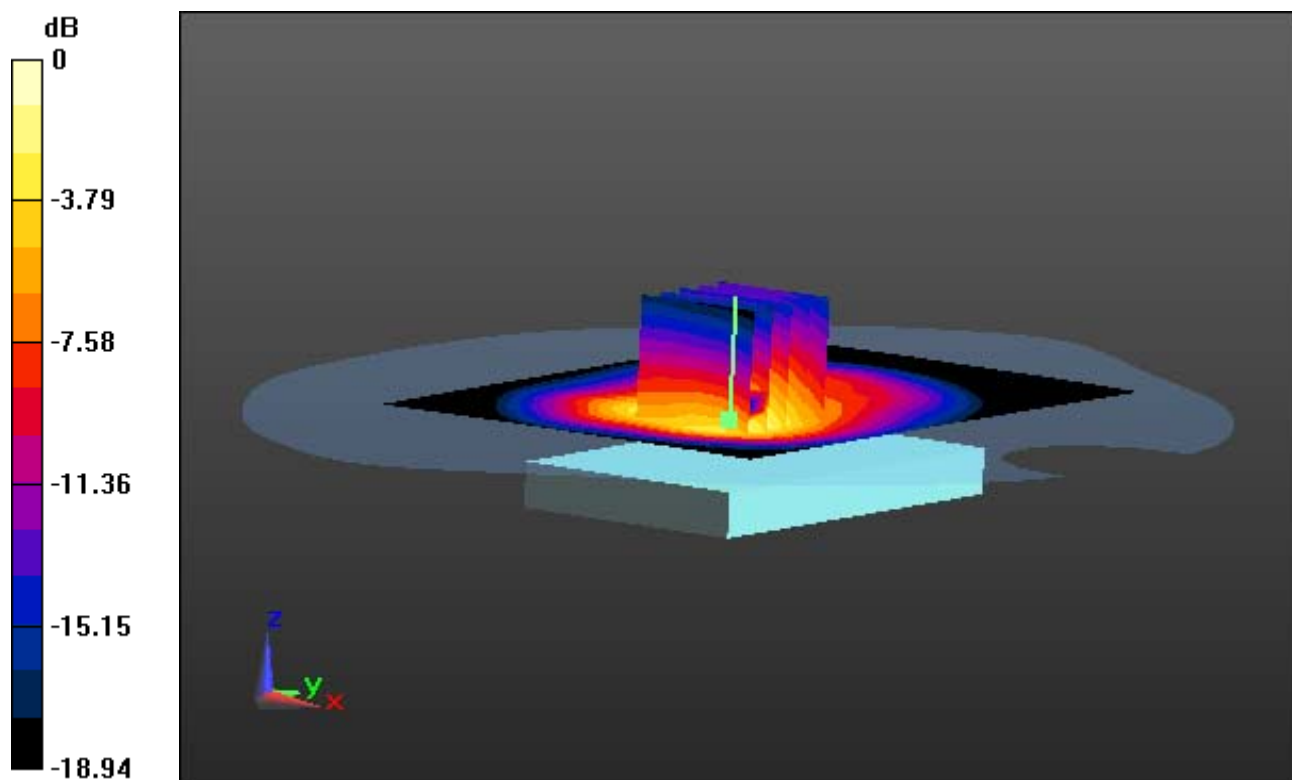
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.621 W/kg



0 dB = 1.56 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.522 \text{ S/m}$; $\epsilon_r = 52.627$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-04; Ambient Temp: 21.0; Tissue Temp: 21.5

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal

With Enlarge plot image

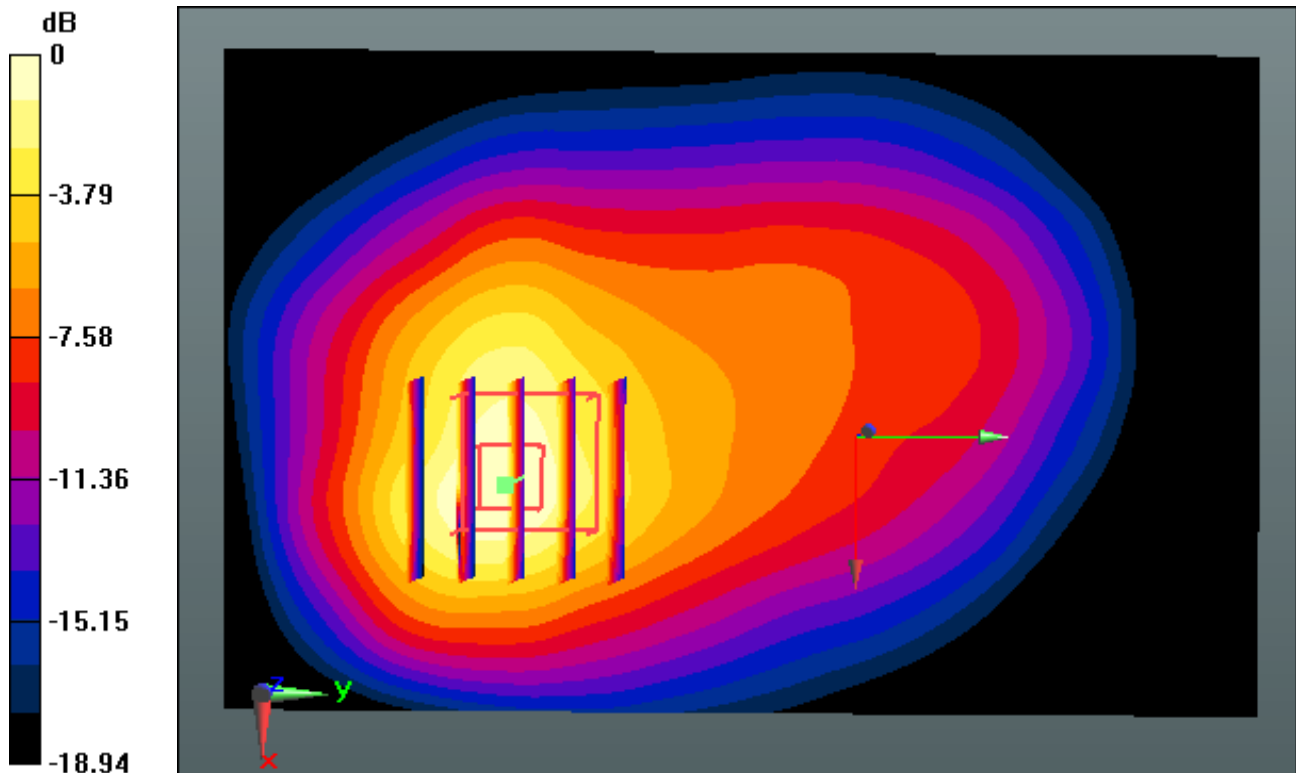
Area Scan (71x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.621 W/kg



0 dB = 1.56 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 52.627$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396

Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-04; Ambient Temp: 21.0; Tissue Temp: 21.5

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal

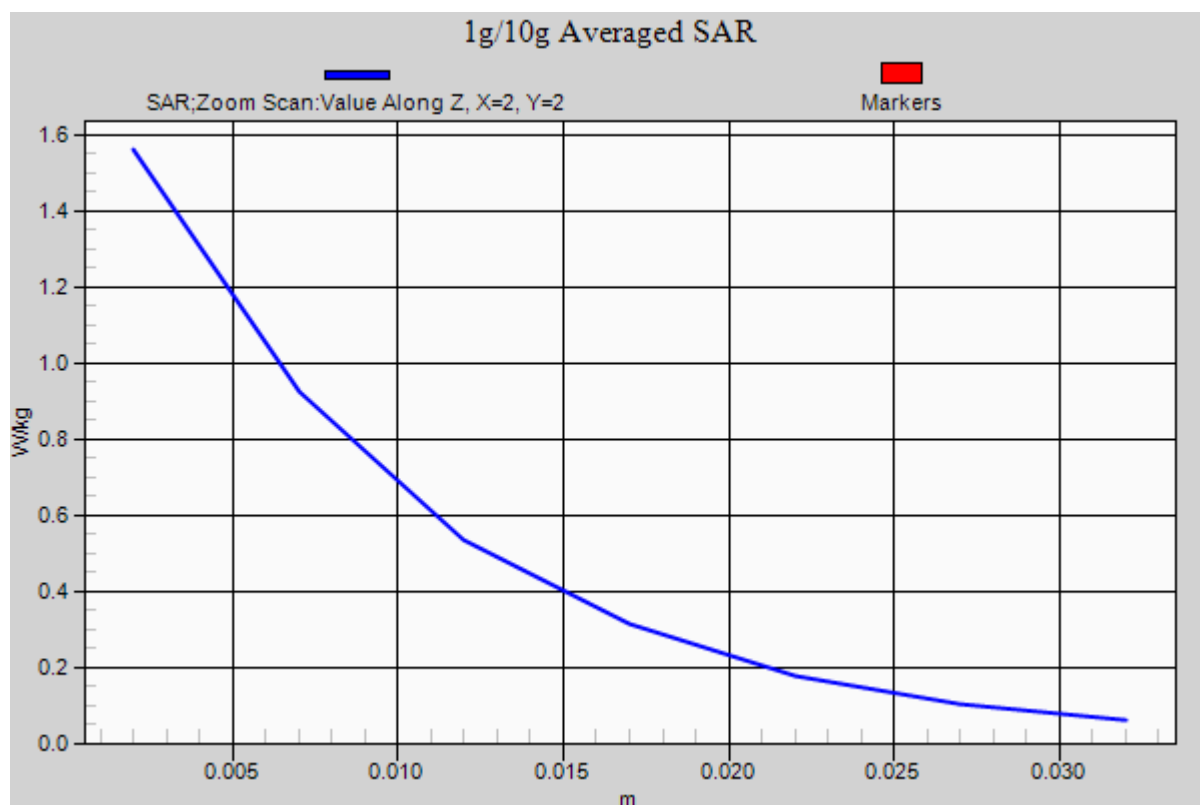
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.621 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.953$ S/m; $\epsilon_r = 53.821$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-05; Ambient Temp: 20.9; Tissue Temp: 21.4

1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

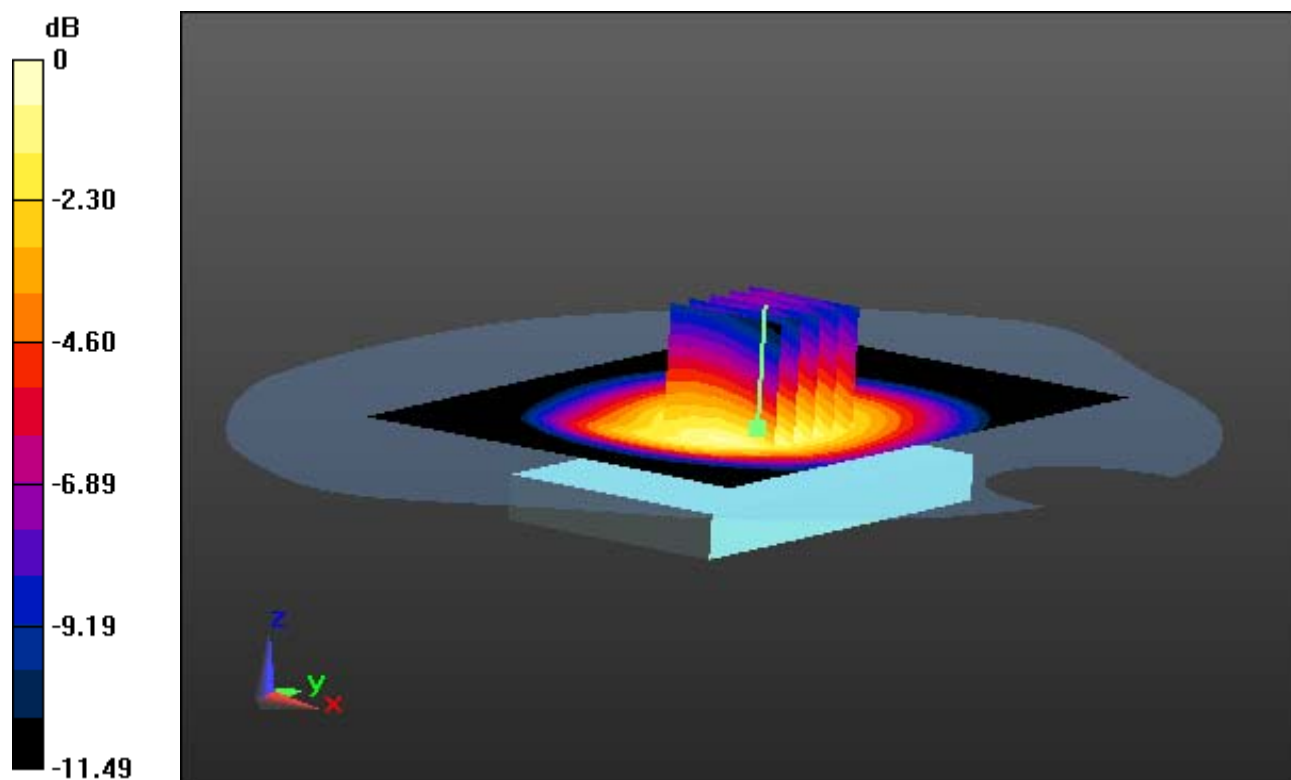
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.622 W/kg



0 dB = 1.04 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.953 \text{ S/m}$; $\epsilon_r = 53.821$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-05; Ambient Temp: 20.9; Tissue Temp: 21.4

1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

With Enlarge plot image

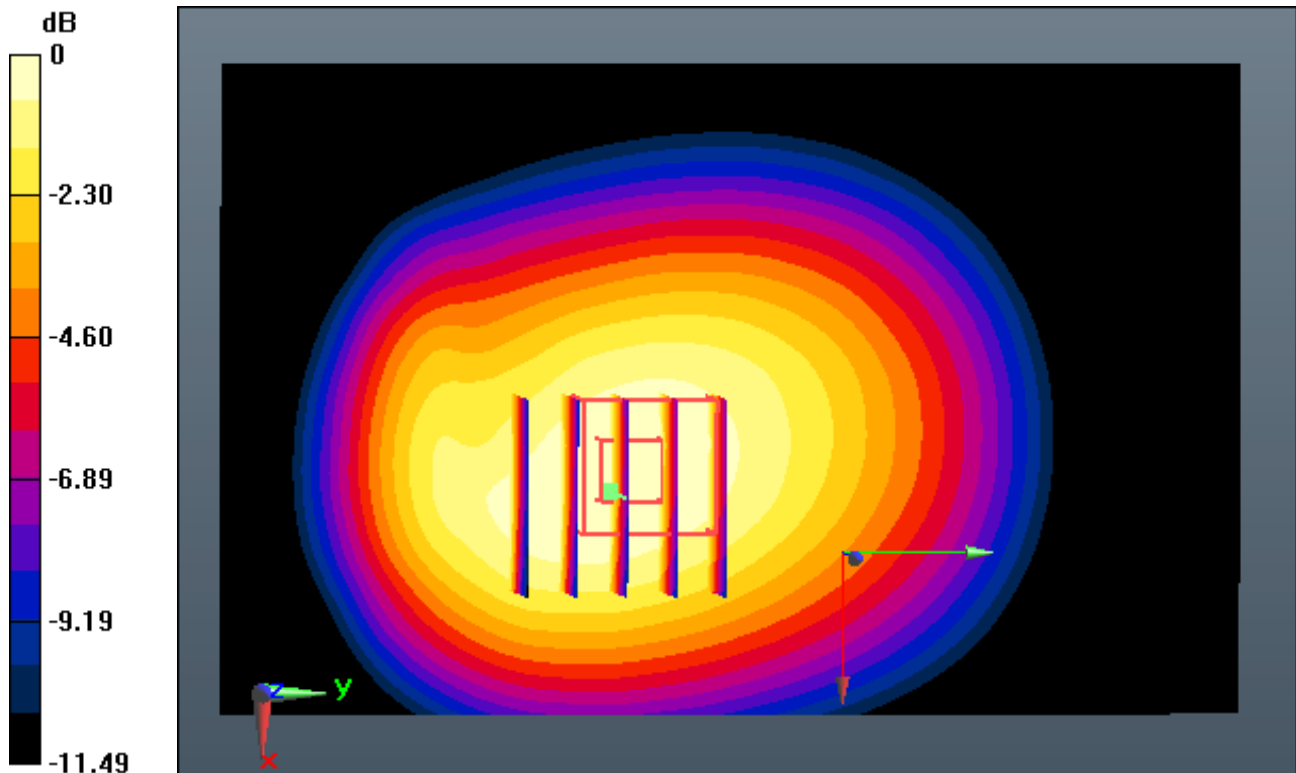
Area Scan (71x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.622 W/kg



0 dB = 1.04 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.953 \text{ S/m}$; $\epsilon_r = 53.821$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(9.79, 9.79, 9.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-05; Ambient Temp: 20.9; Tissue Temp: 21.4

1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

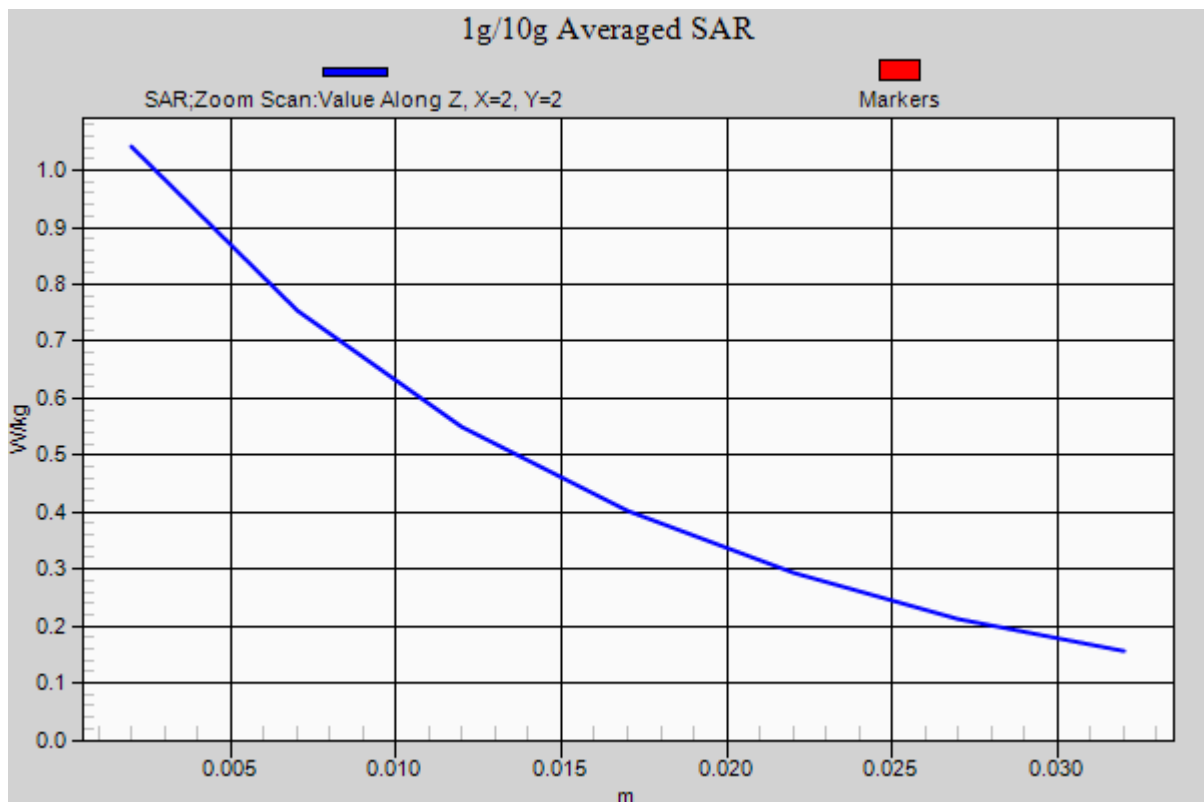
Area Scan (71x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.622 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 53.318$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

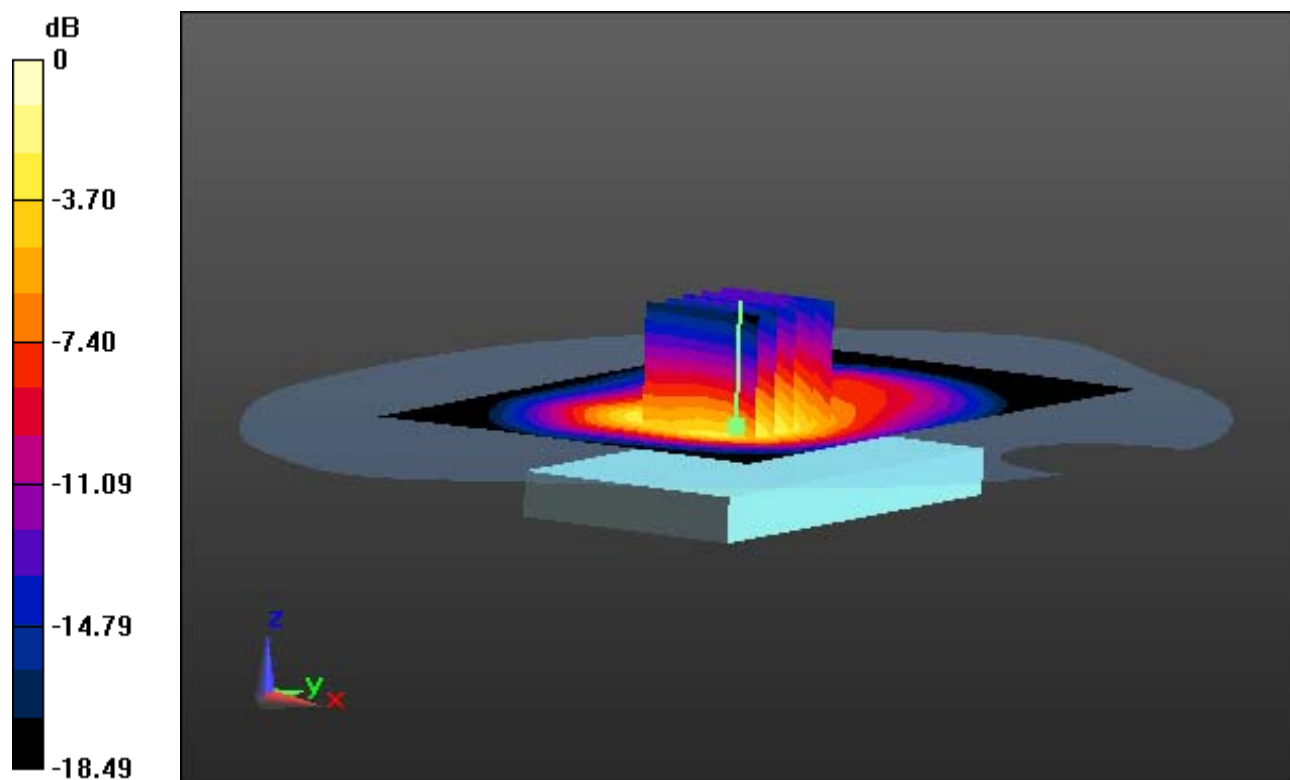
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.561 W/kg



0 dB = 1.33 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 53.318$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

With Enlarge plot image

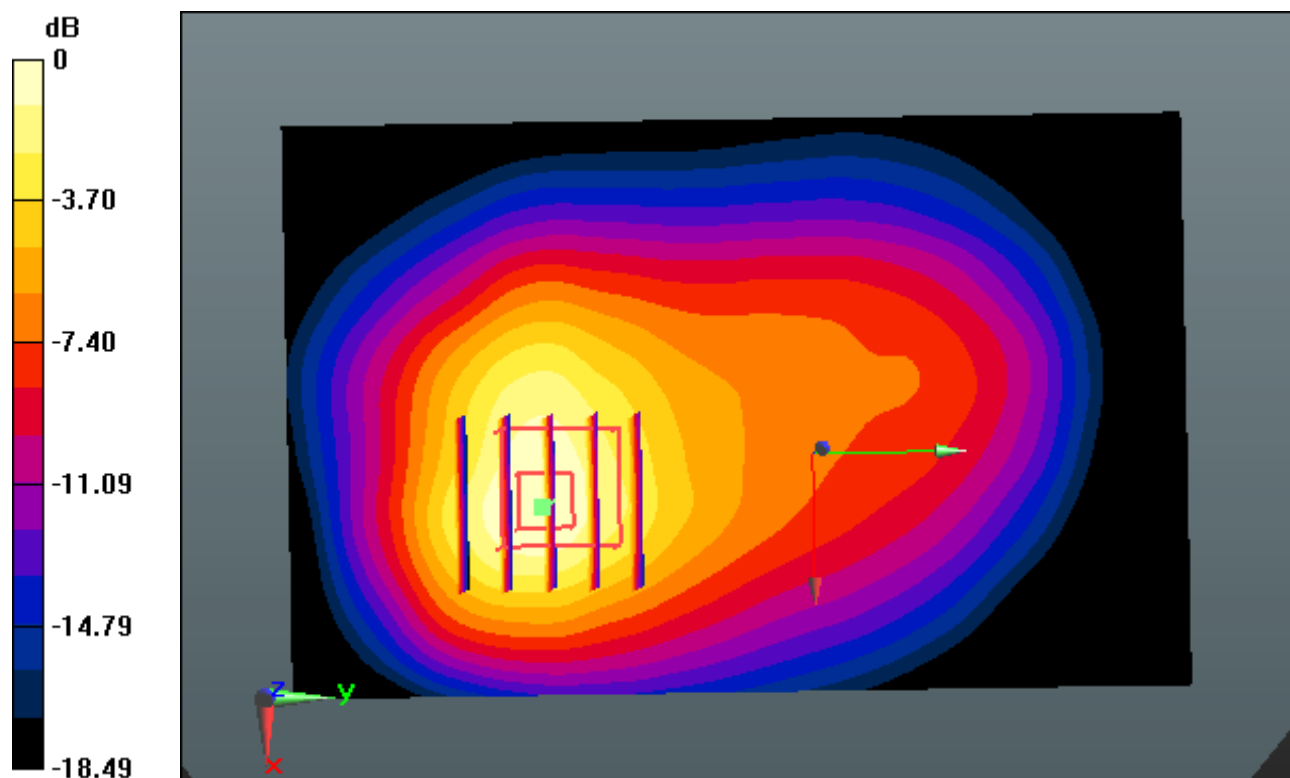
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.561 W/kg



0 dB = 1.33 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 53.318$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-06; Ambient Temp: 21.1; Tissue Temp: 21.5

1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

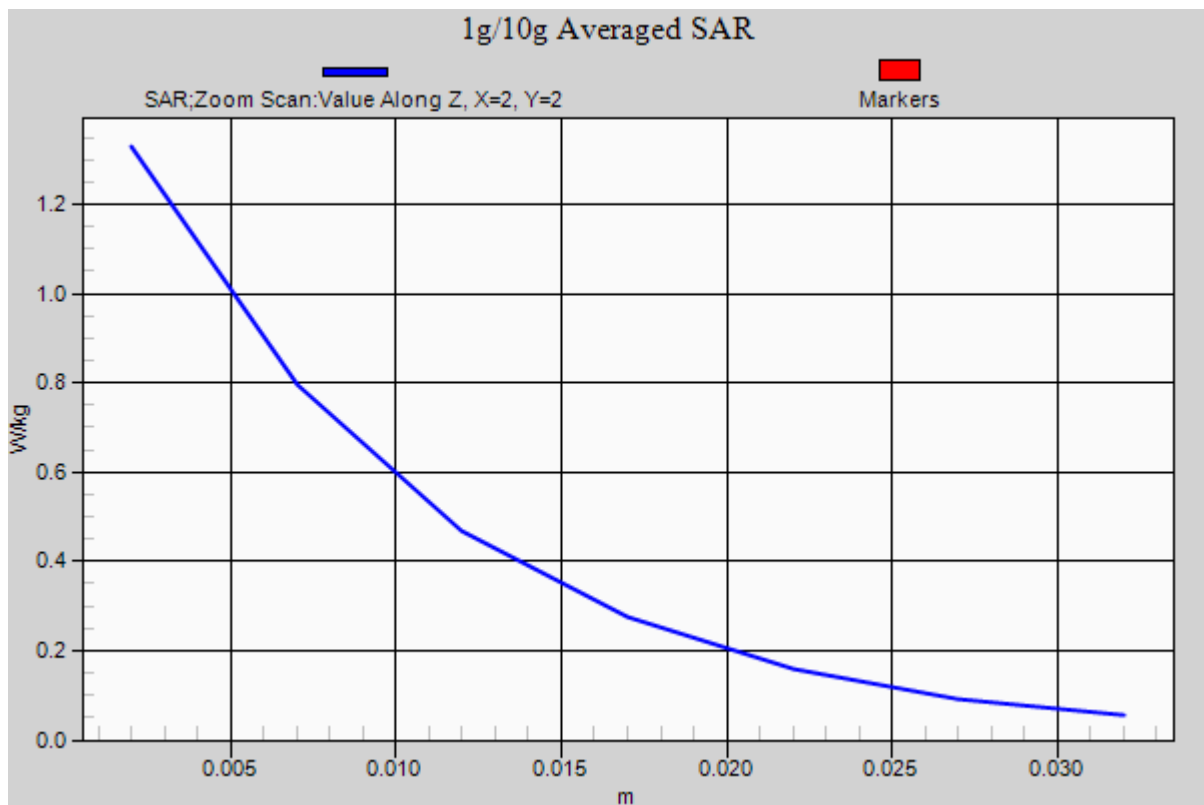
Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.561 W/kg



DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 51.66$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.36, 7.36, 7.36); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-07; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal

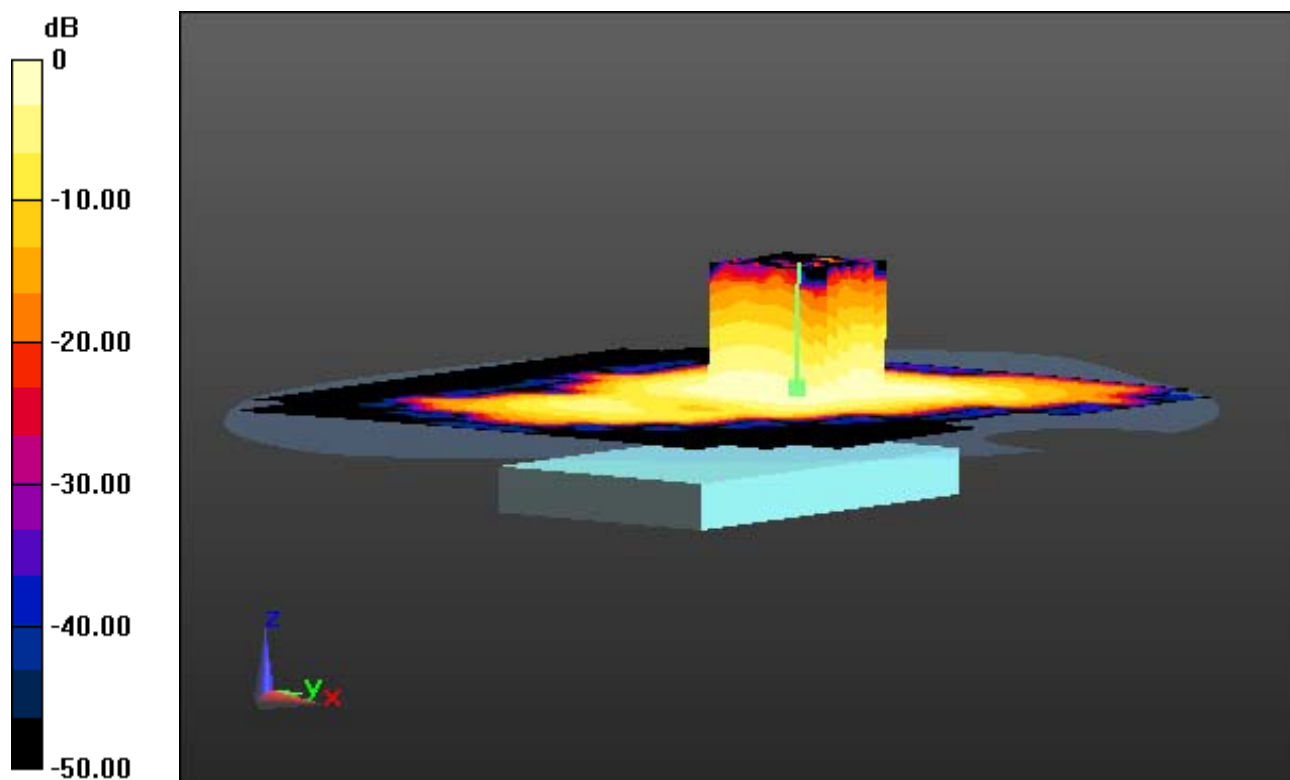
Area Scan (141x161x1): Interpolated grid: dx=12mm, dy=12mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.109 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 51.66$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.36, 7.36, 7.36); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-07; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal

With Enlarge plot image

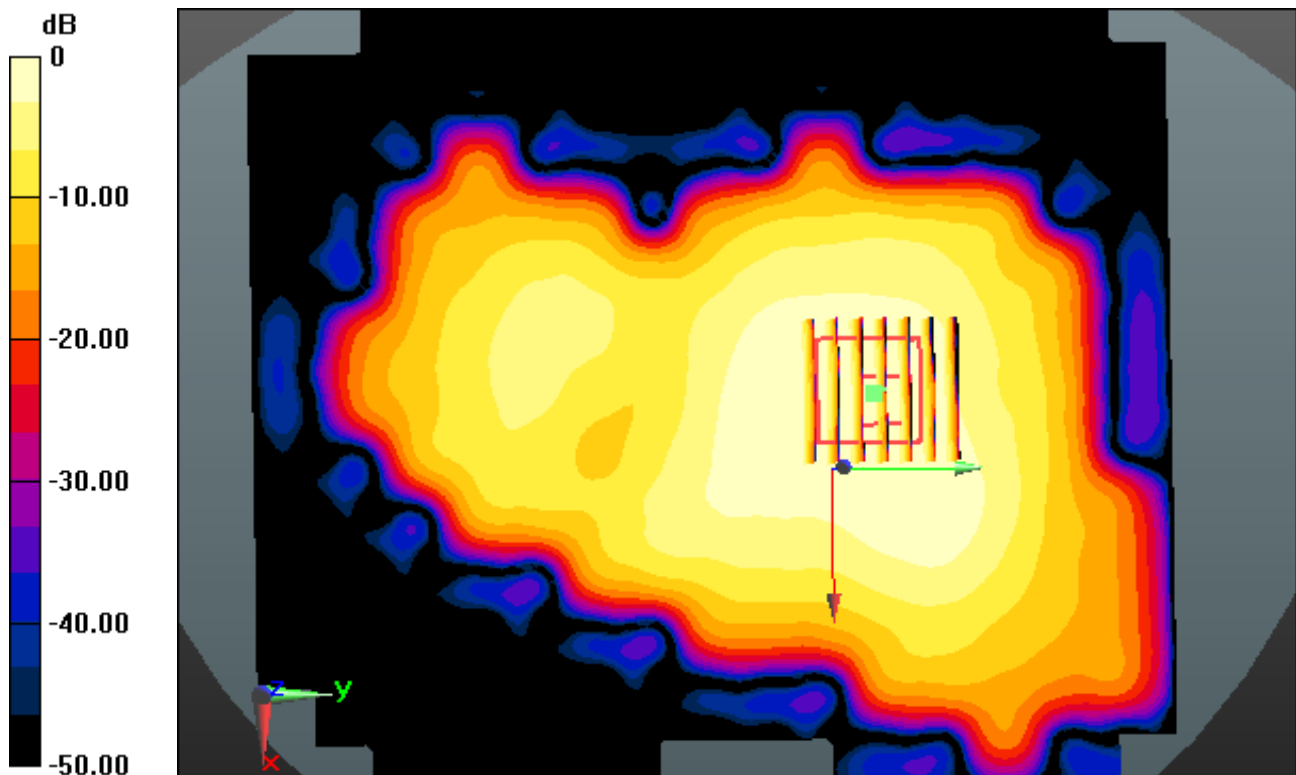
Area Scan (141x161x1): Interpolated grid: dx=12mm, dy=12mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.109 W/kg

DIGITAL EMC CO., LTD

DUT: LG-D165g; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 51.66$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.36, 7.36, 7.36); Calibrated: 9/24/2013; Electronics: DAE4 Sn1396
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-02-07; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (141x161x1): Interpolated grid: dx=12mm, dy=12mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.042 W/kg

