

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

Dipole Validation

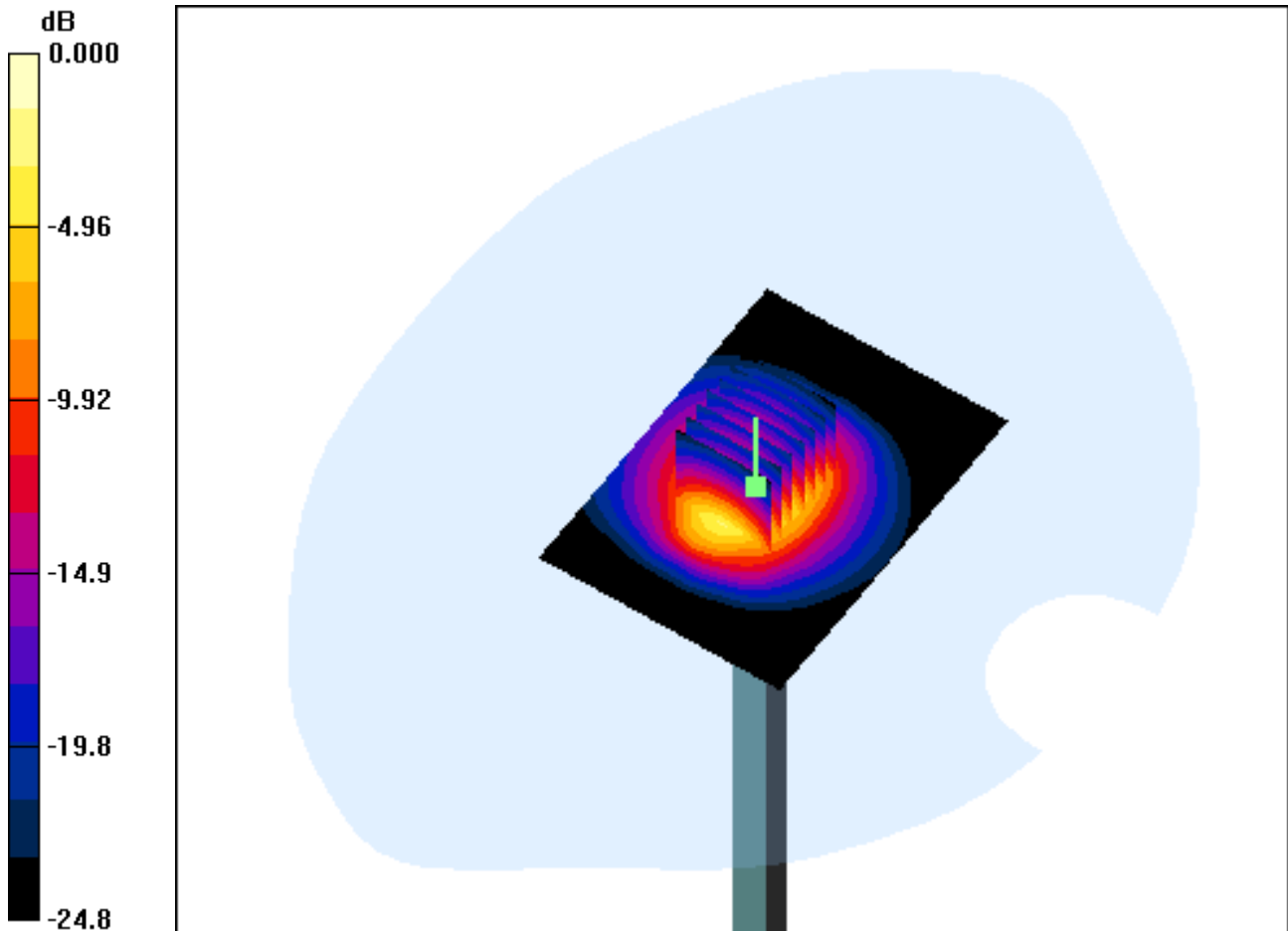
Area Scan (51x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = 0.049 dB

Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 14.2 mW/g; SAR(10 g) = 6.1 mW/g



0 dB = 21.1mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

Dipole Validation

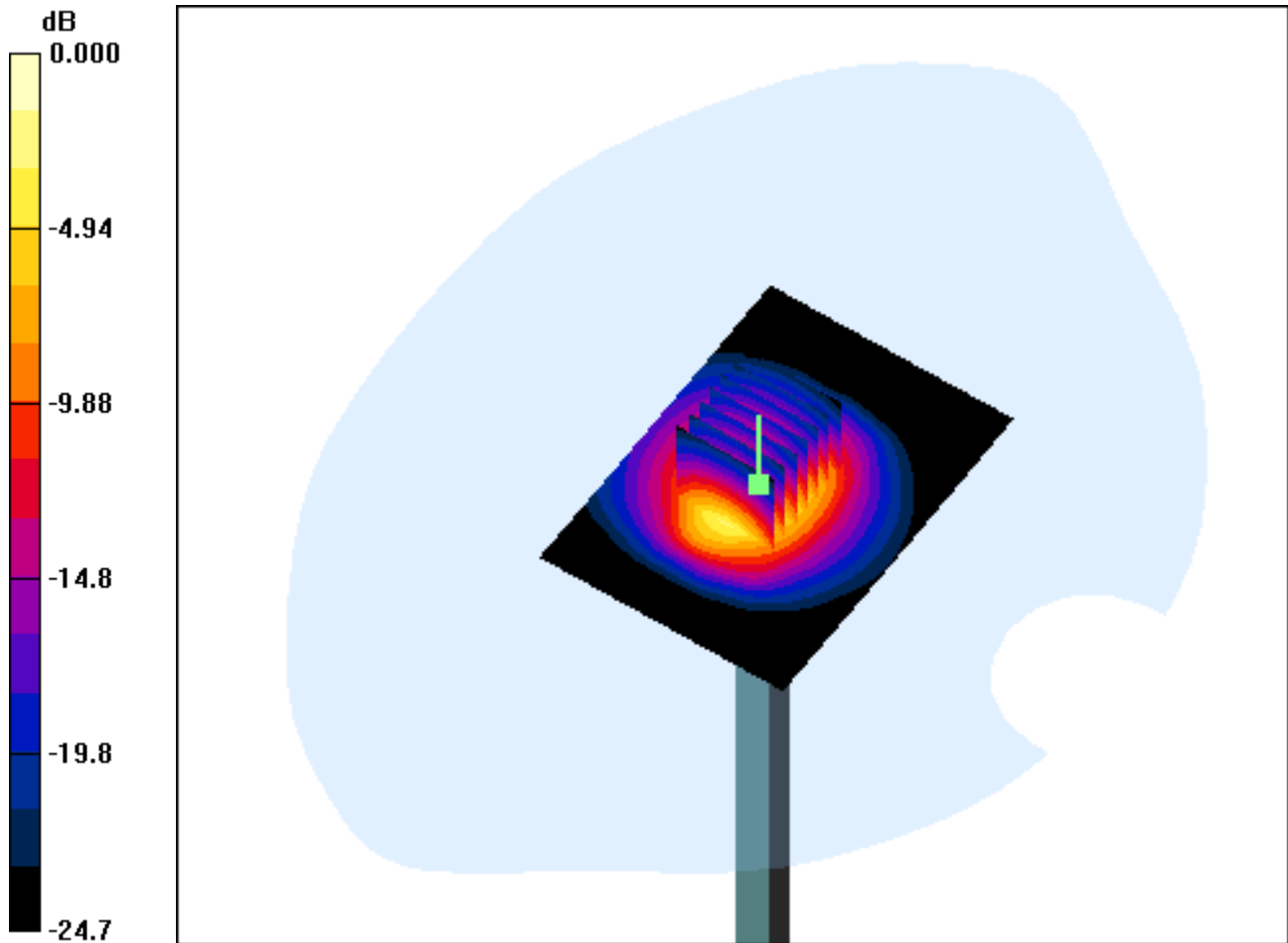
Area Scan (51x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = 0.020 dB

Peak SAR (extrapolated) = 32.5 W/kg

SAR(1 g) = 14.3 mW/g; SAR(10 g) = 6.15 mW/g



0 dB = 21.1mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

Dipole Validation

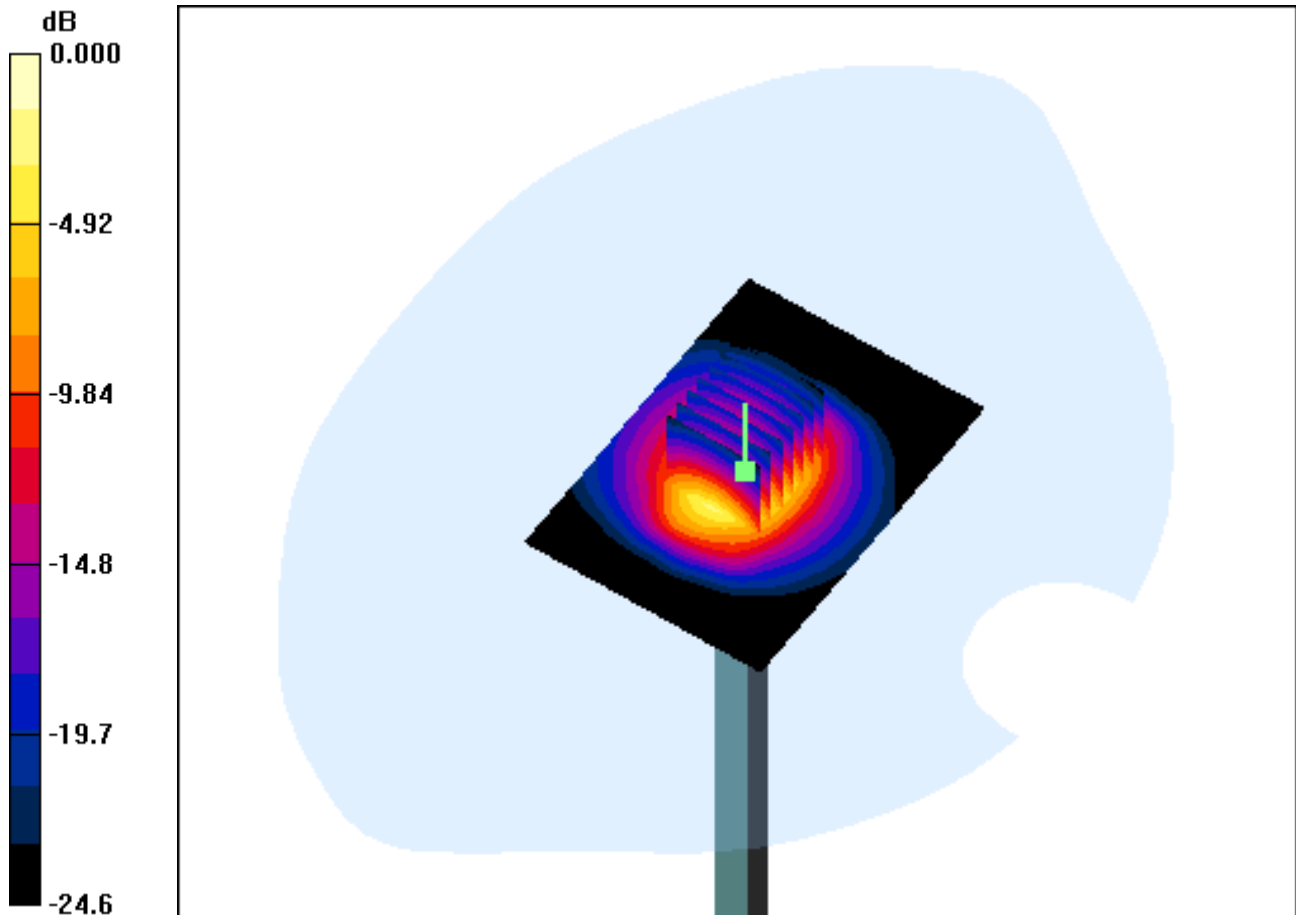
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.030 dB

Peak SAR (extrapolated) = 32.9 W/kg

SAR(1 g) = 14.7 mW/g; SAR(10 g) = 6.34 mW/g



0 dB = 17.0mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

Dipole Validation

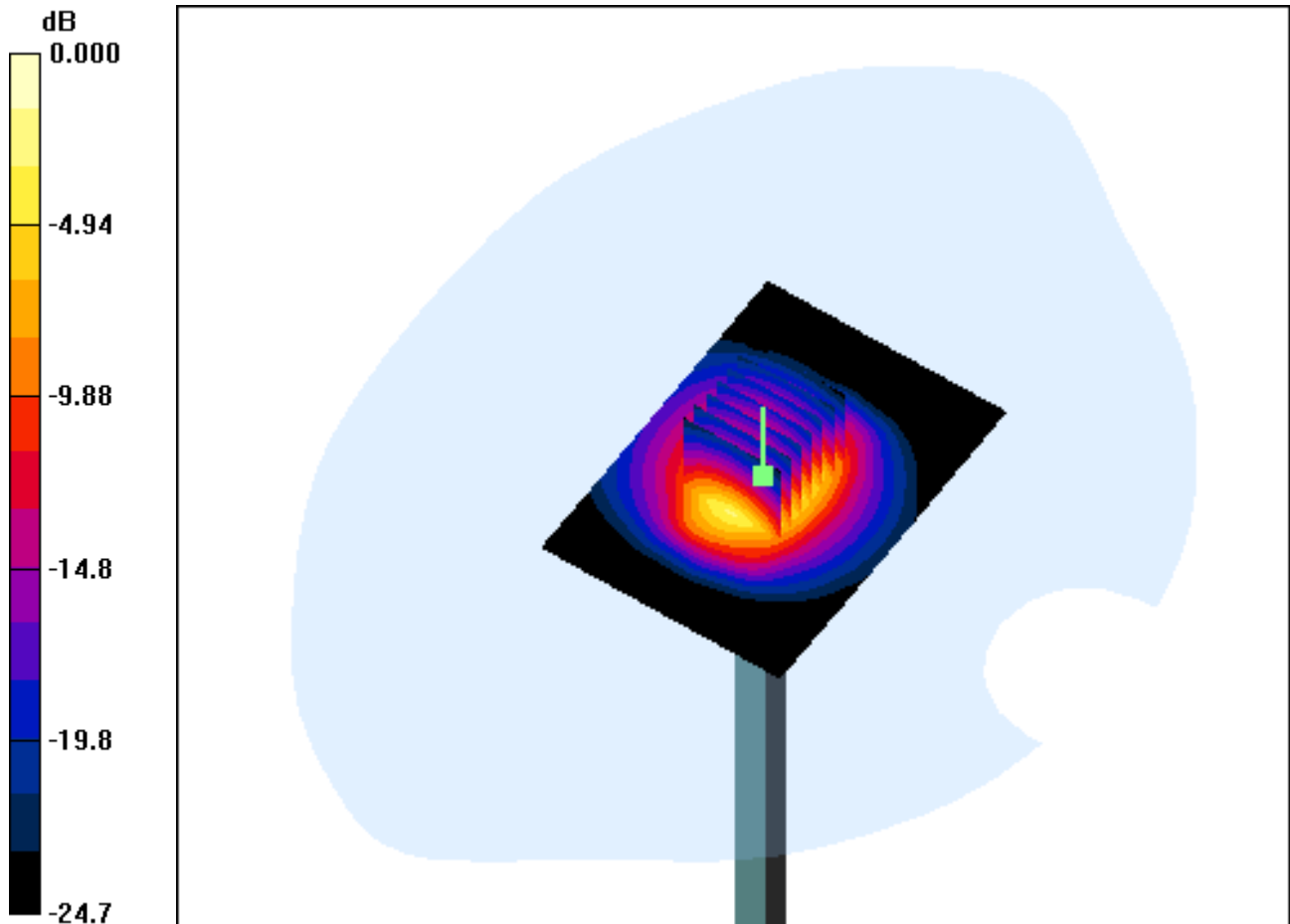
Area Scan (51x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = -0.007 dB

Peak SAR (extrapolated) = 32.5 W/kg

SAR(1 g) = 14.6 mW/g; SAR(10 g) = 6.28 mW/g



0 dB = 16.8mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-24; Ambient Temp: 22.3; Tissue Temp: 22.4

Dipole Validation

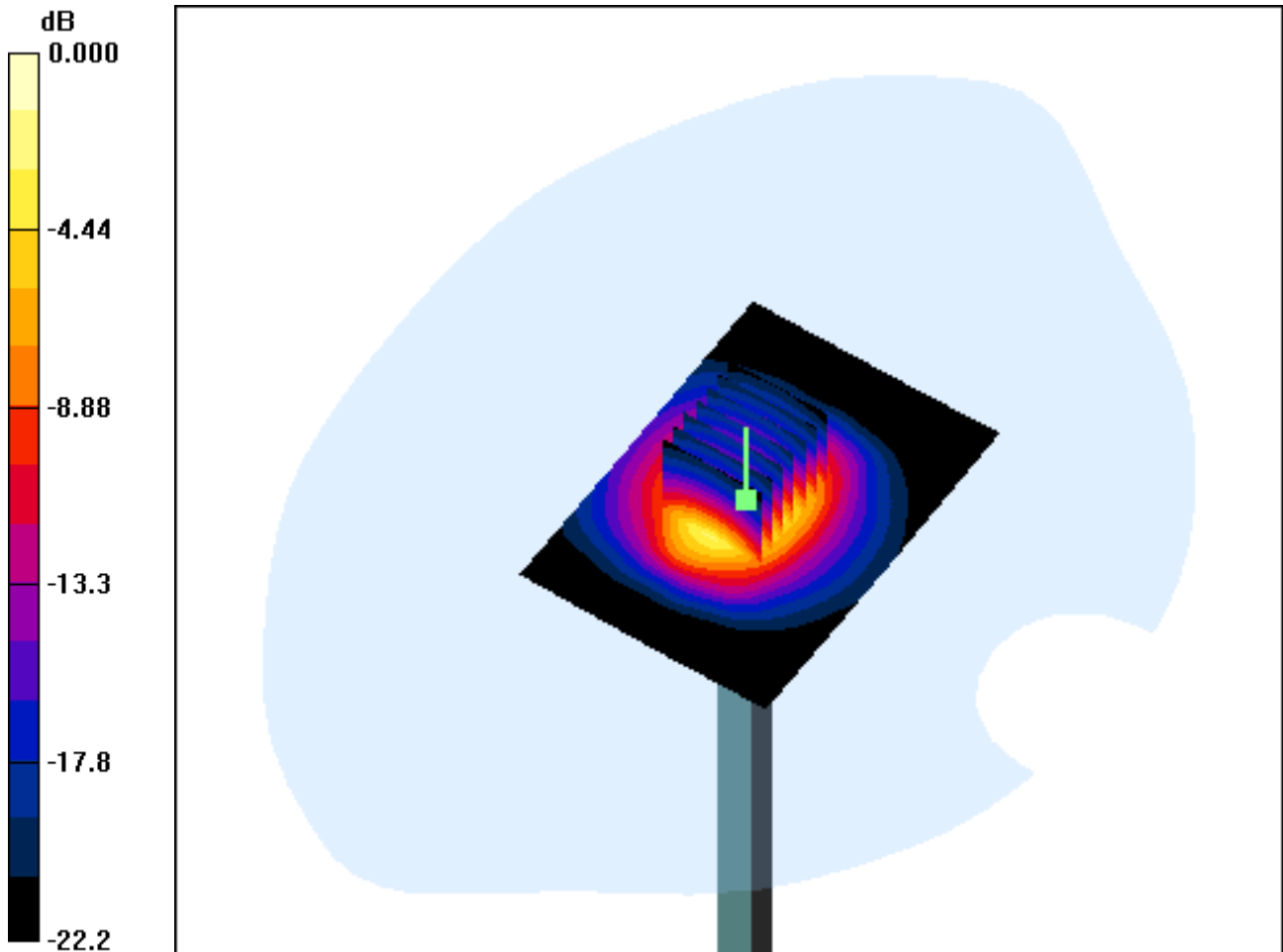
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.008 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 15.1 mW/g; SAR(10 g) = 6.62 mW/g



0 dB = 22.0mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Top

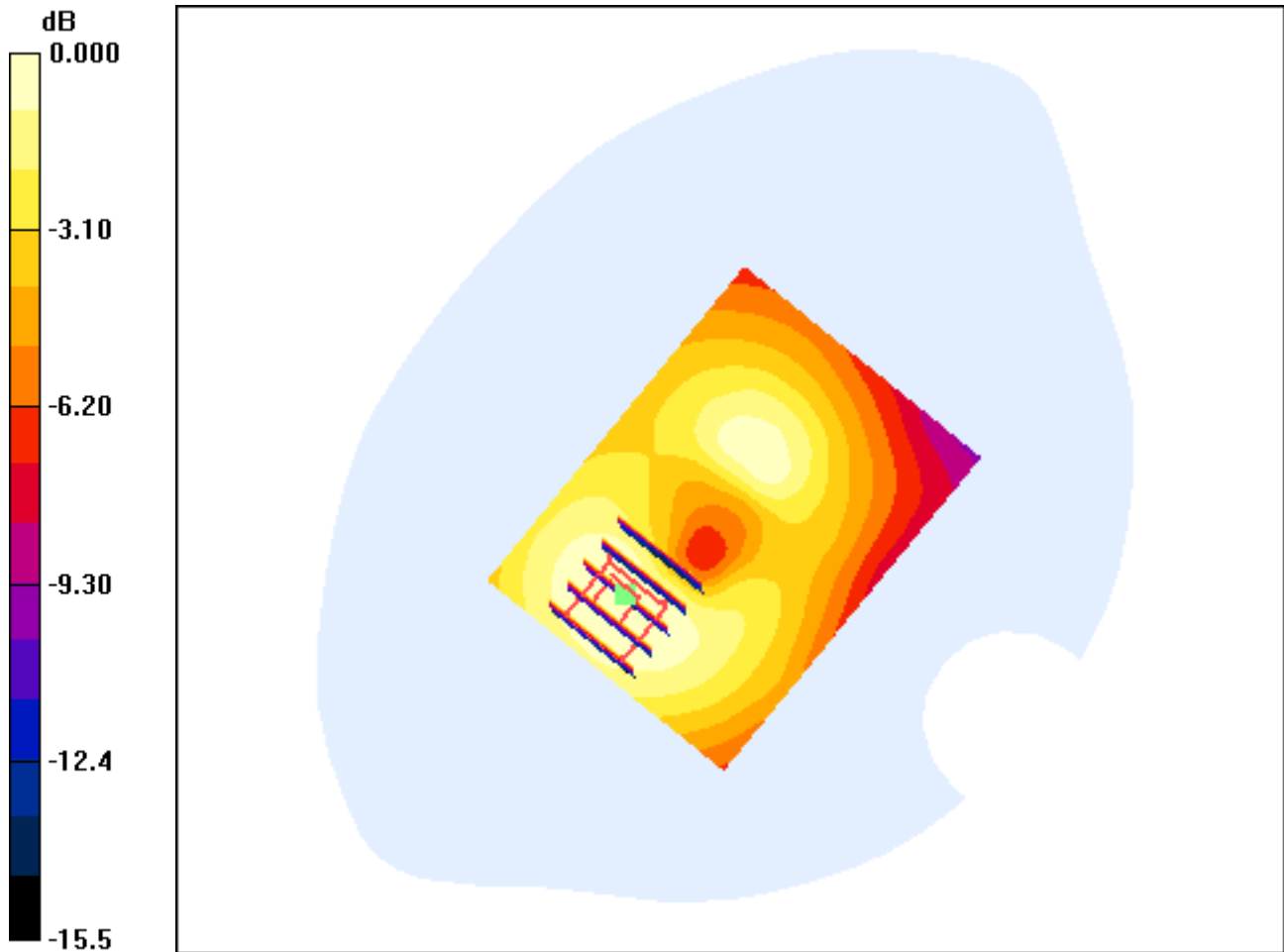
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.038 mW/g



0 dB = 0.084mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Bottom

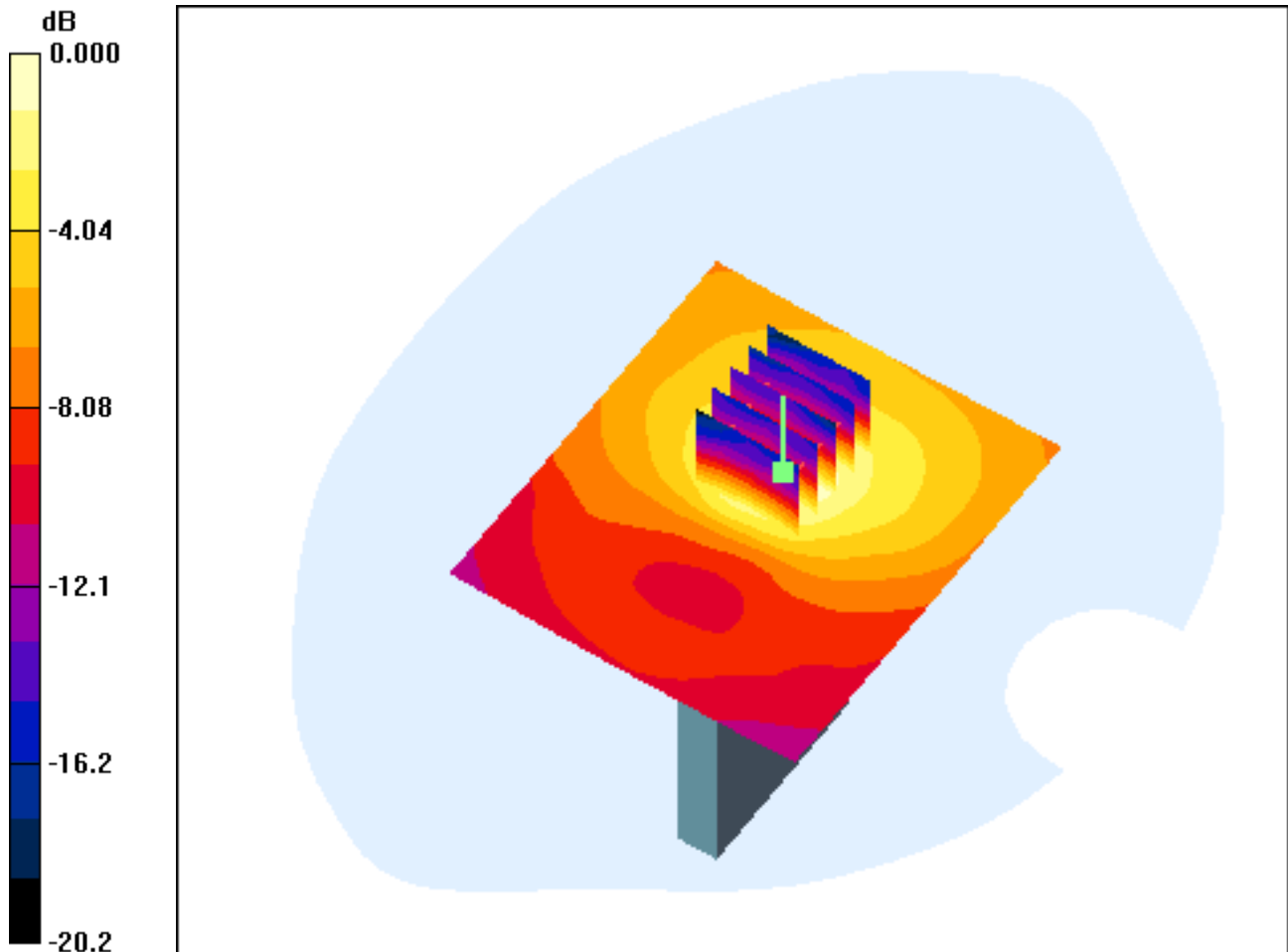
Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.068 mW/g



0 dB = 0.175mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Front

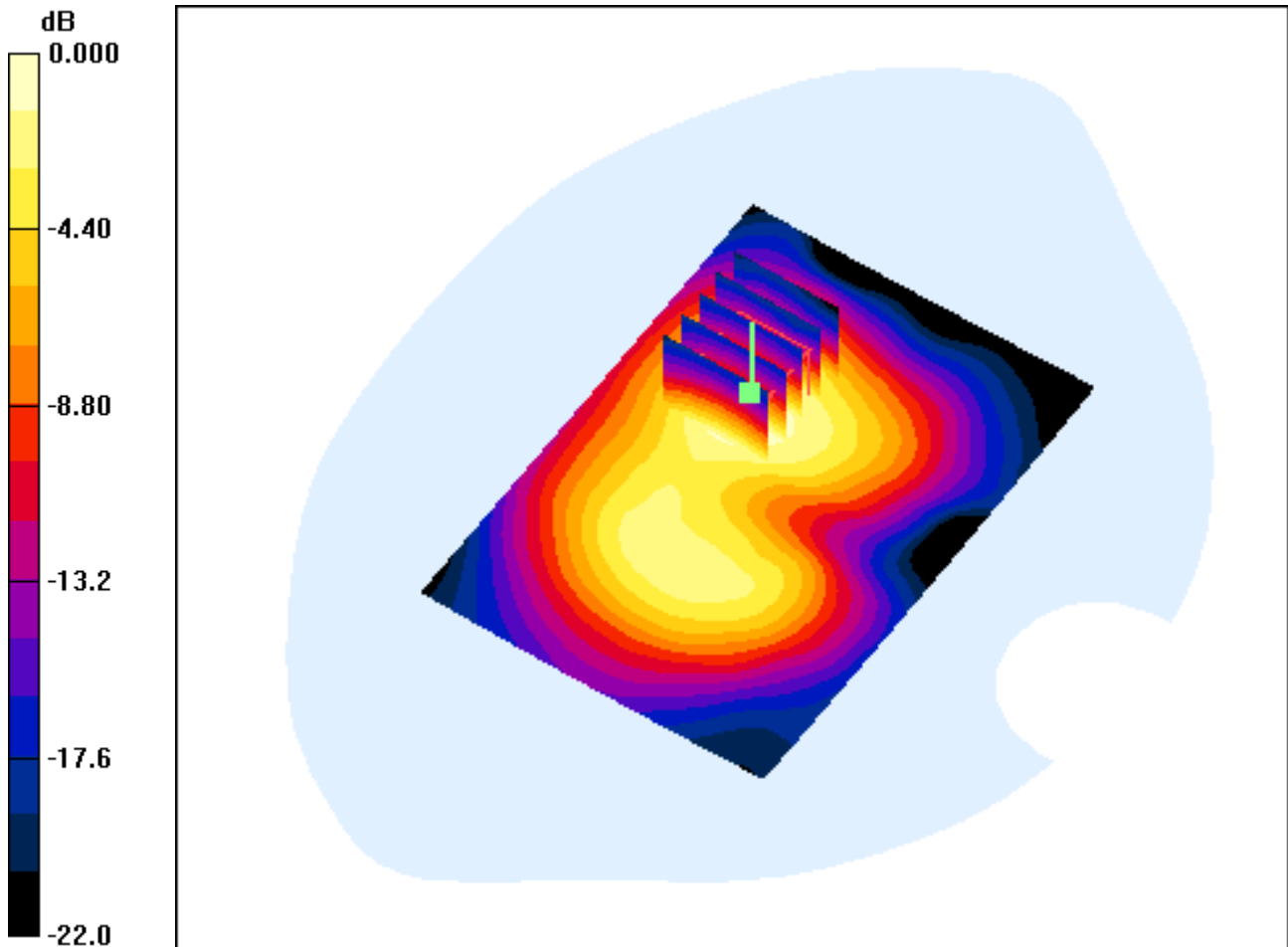
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.222 mW/g



0 dB = 0.573mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.09$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Rear

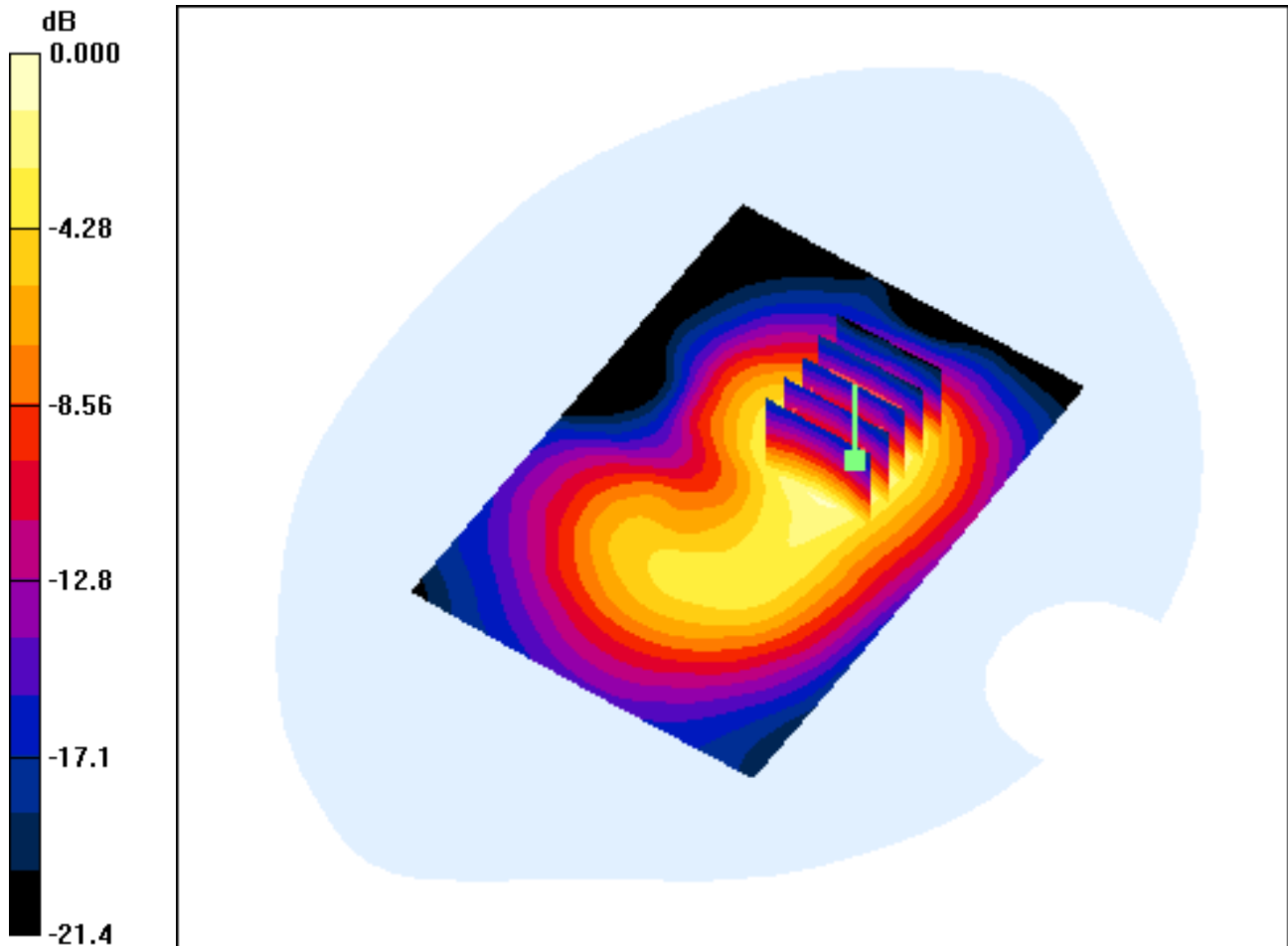
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.250 mW/g



0 dB = 0.643mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Rear

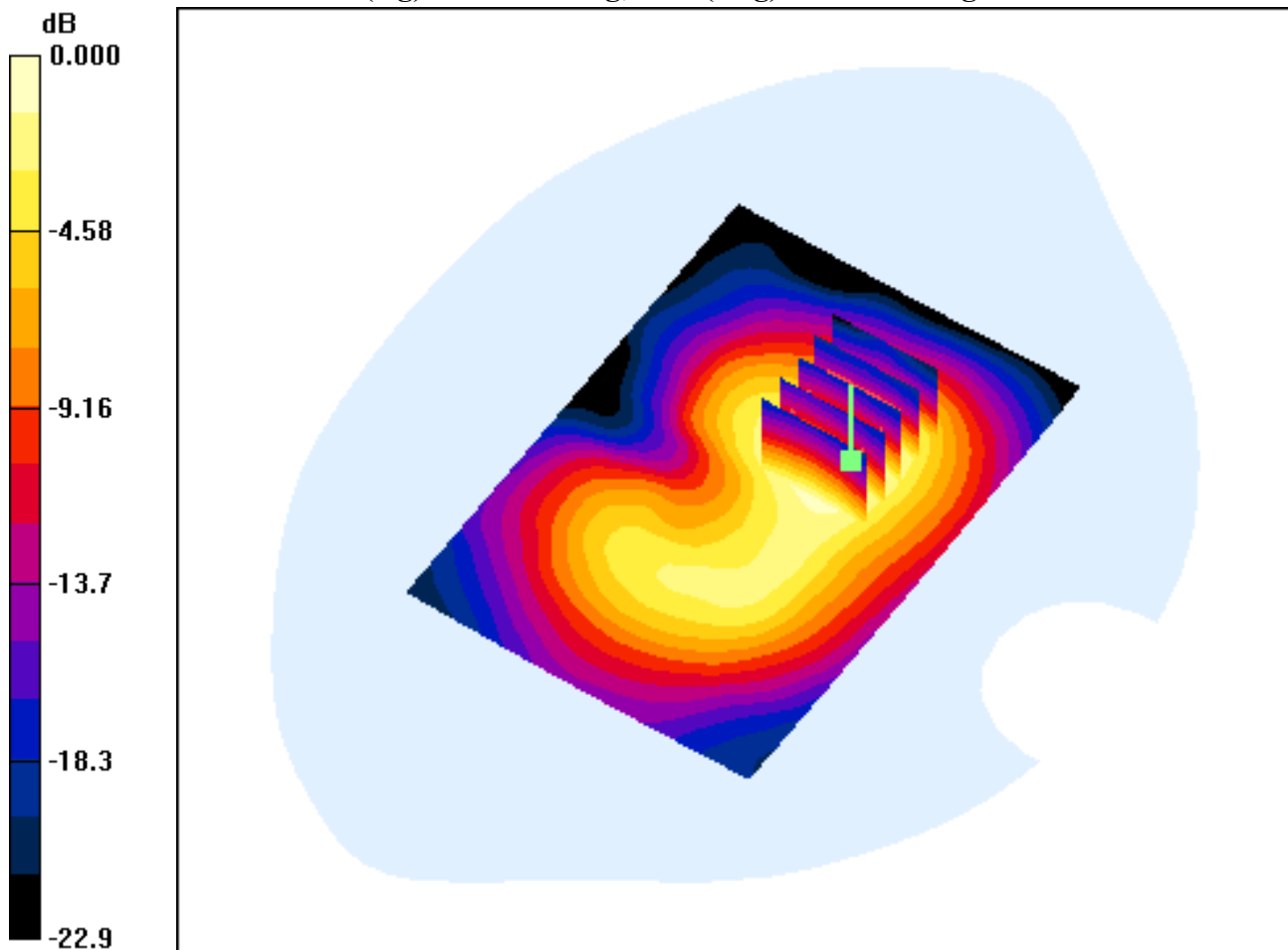
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.231 mW/g



0 dB = 0.592mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2

Medium parameters used (interpolated): $f = 2686.75$ MHz; $\sigma = 2.34$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Rear

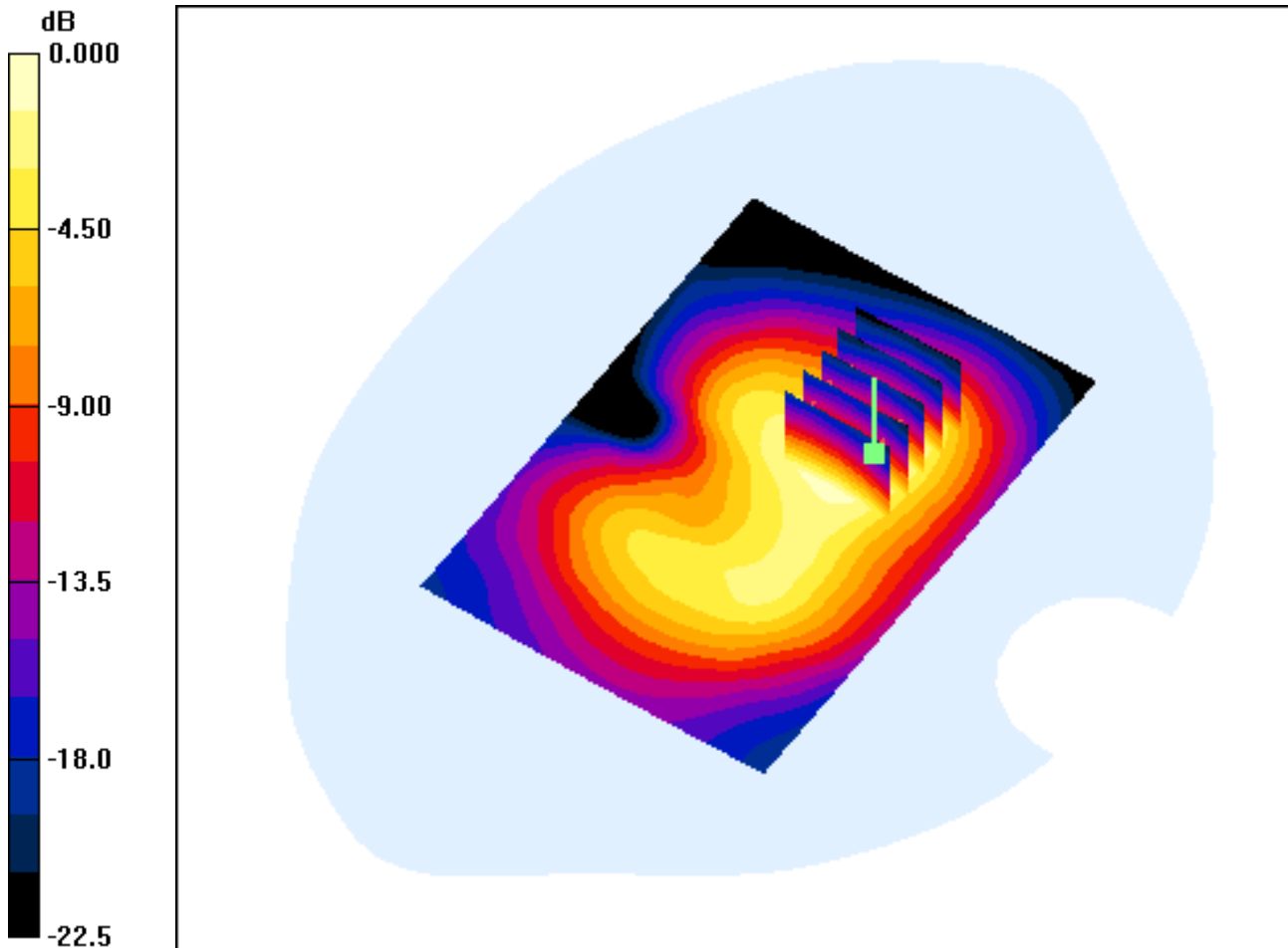
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.069 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.351 mW/g



0 dB = 0.944mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Right

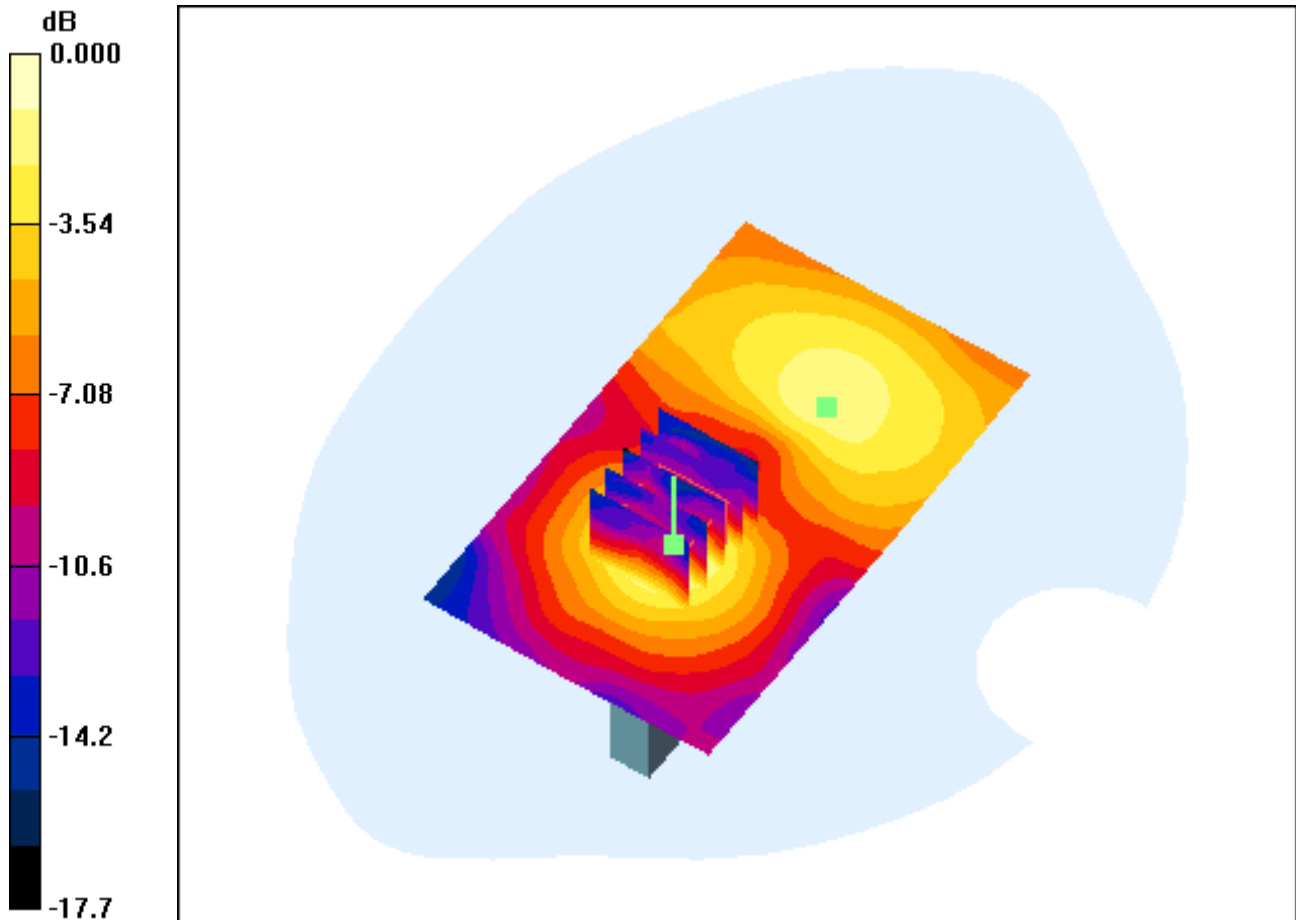
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.030 mW/g



0 dB = 0.078mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Right

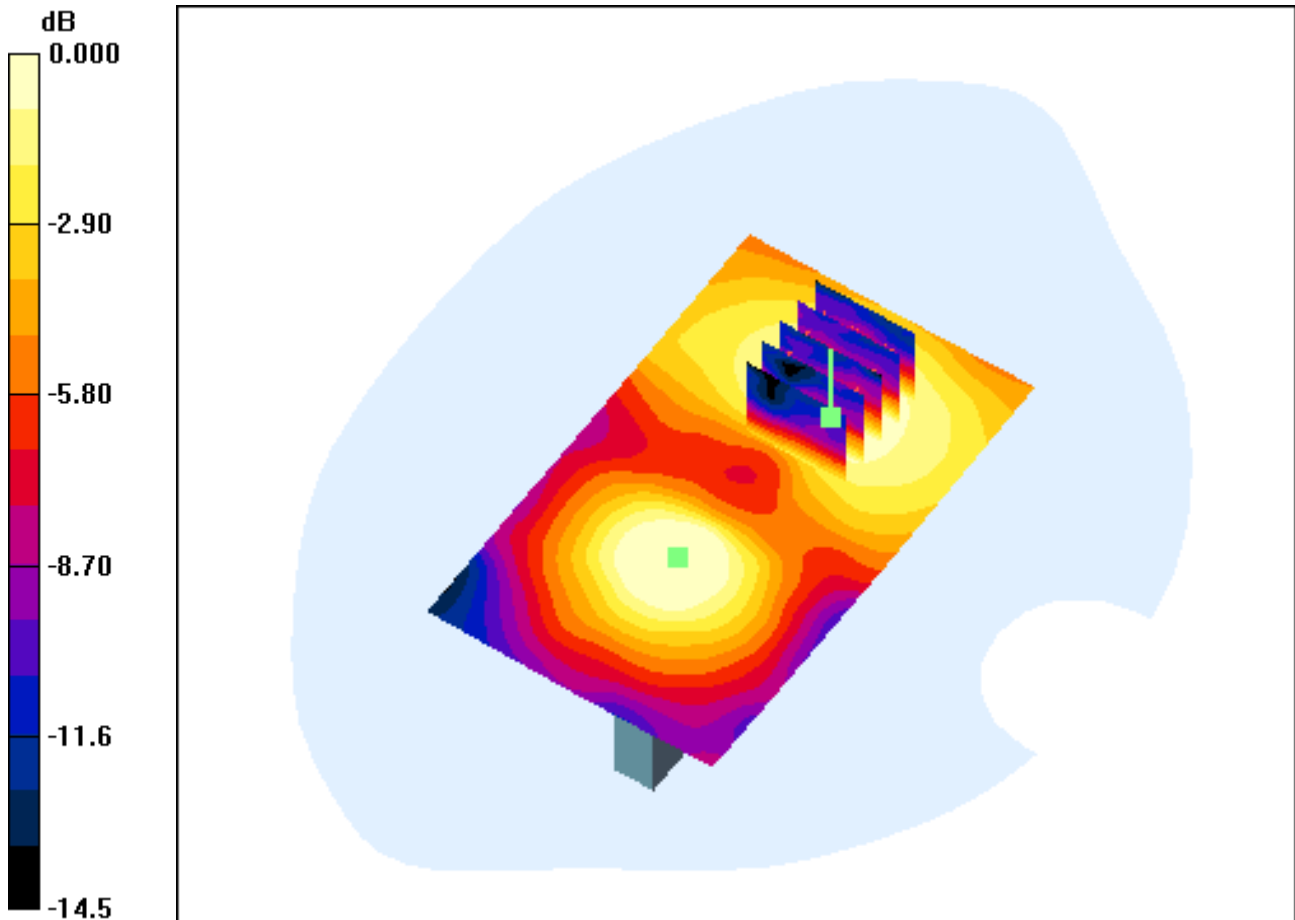
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.024 mW/g



0 dB = 0.053mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Left

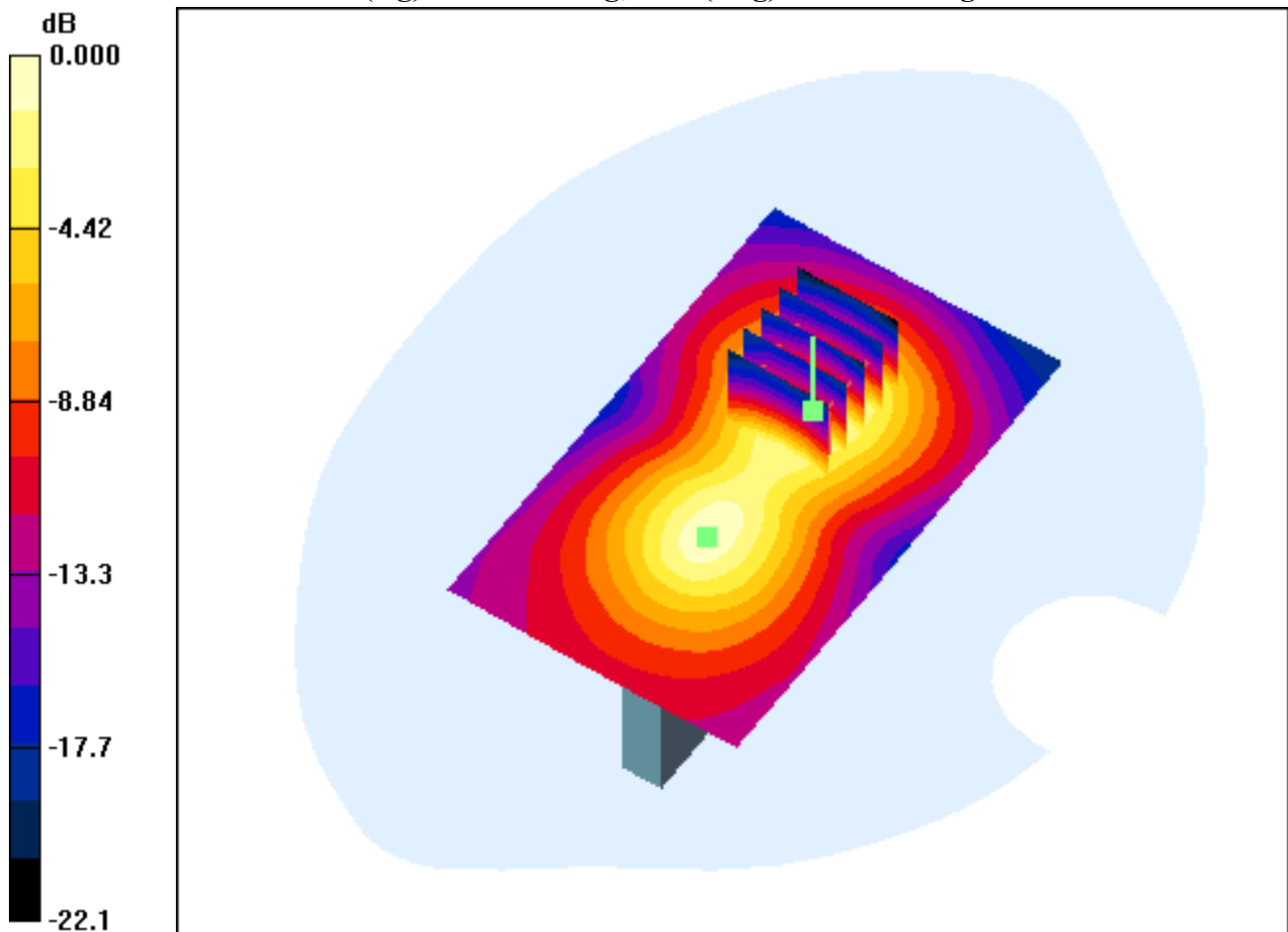
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.200 mW/g



0 dB = 0.555mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Left

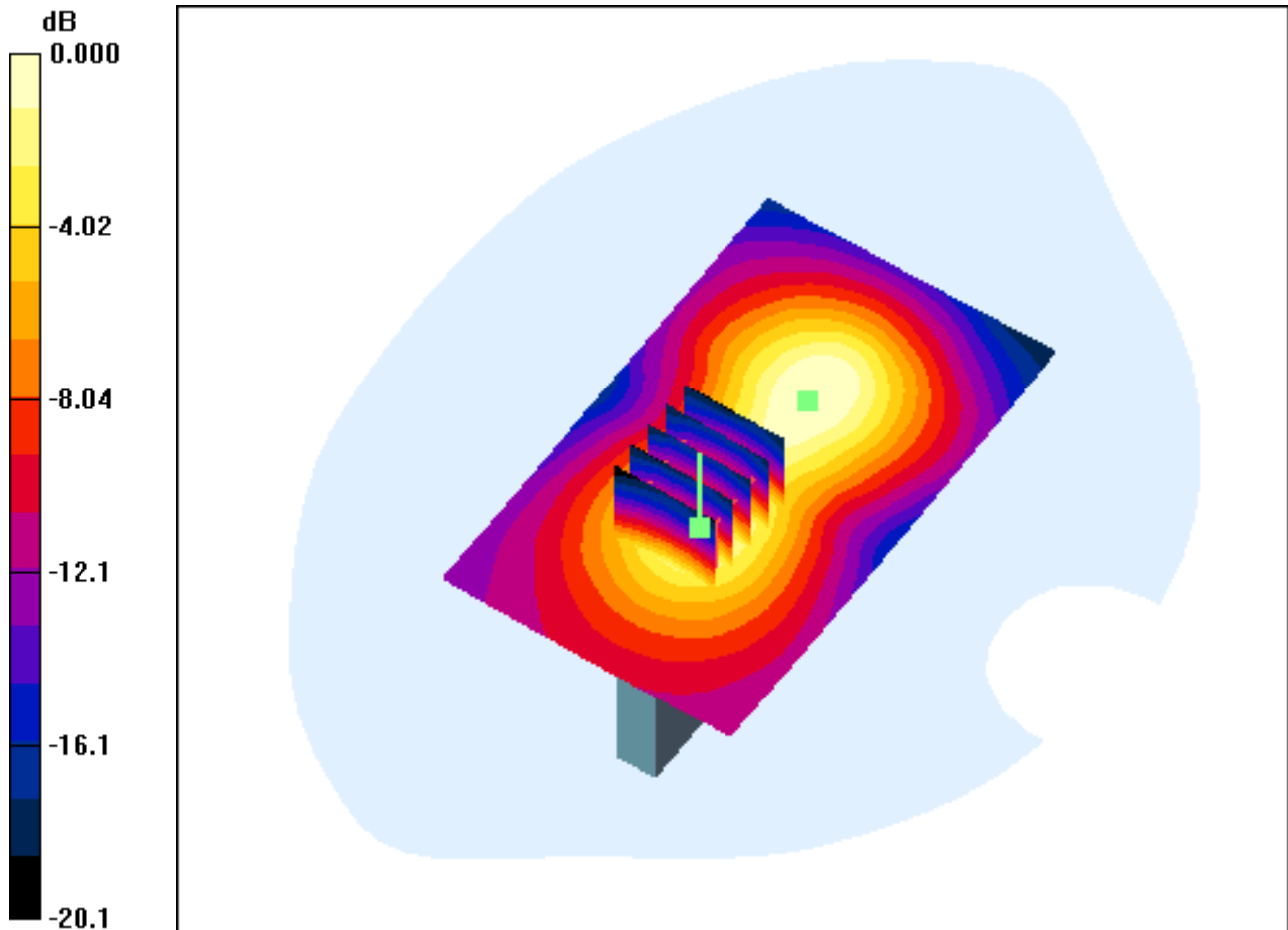
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.178 mW/g



0 dB = 0.482mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Top

Area Scan (61x101x1): Measurement 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 = 0.074 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.033 mW/g



0 dB = 0.087mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Bottom

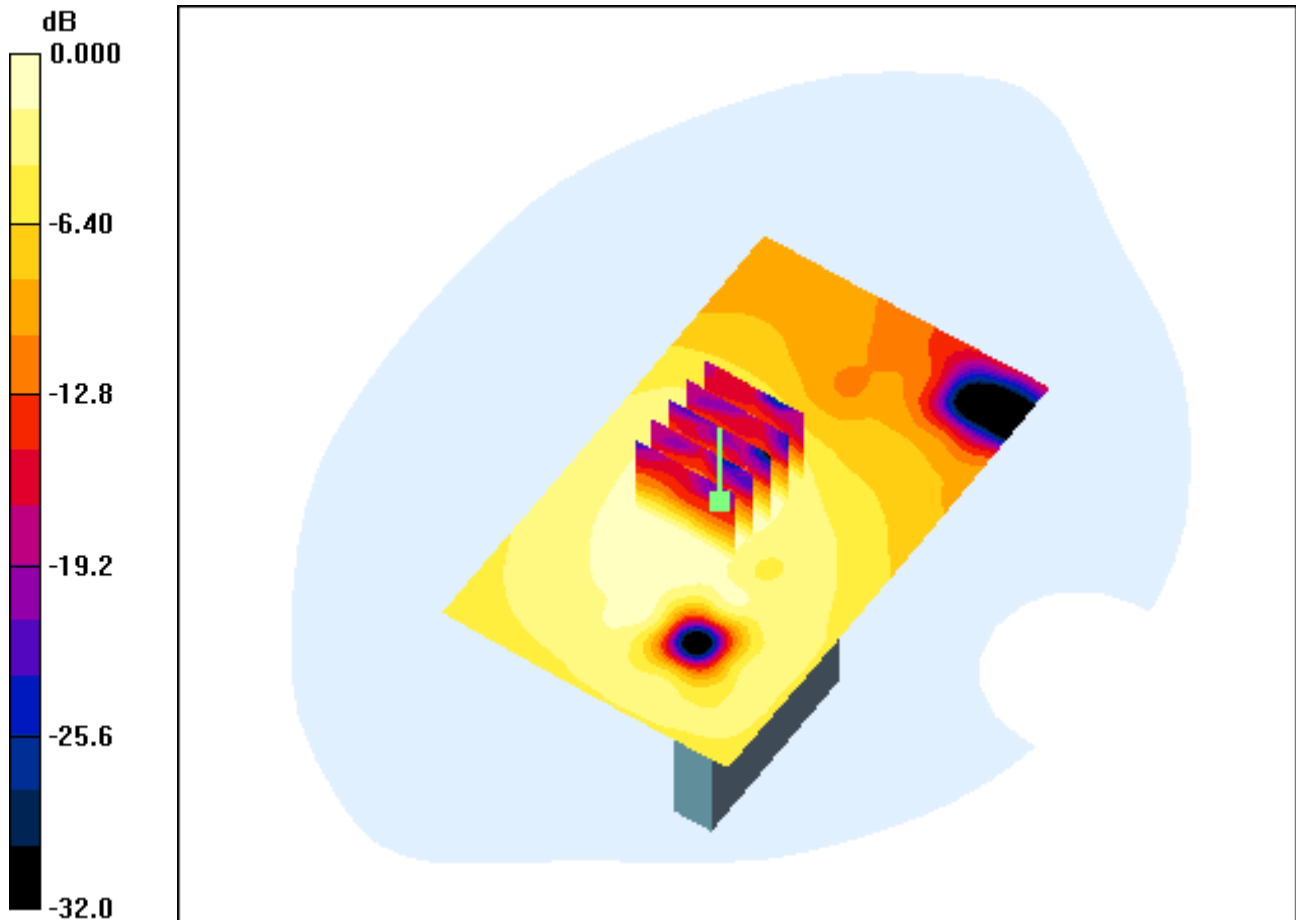
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.036 mW/g



0 dB = 0.100mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Front

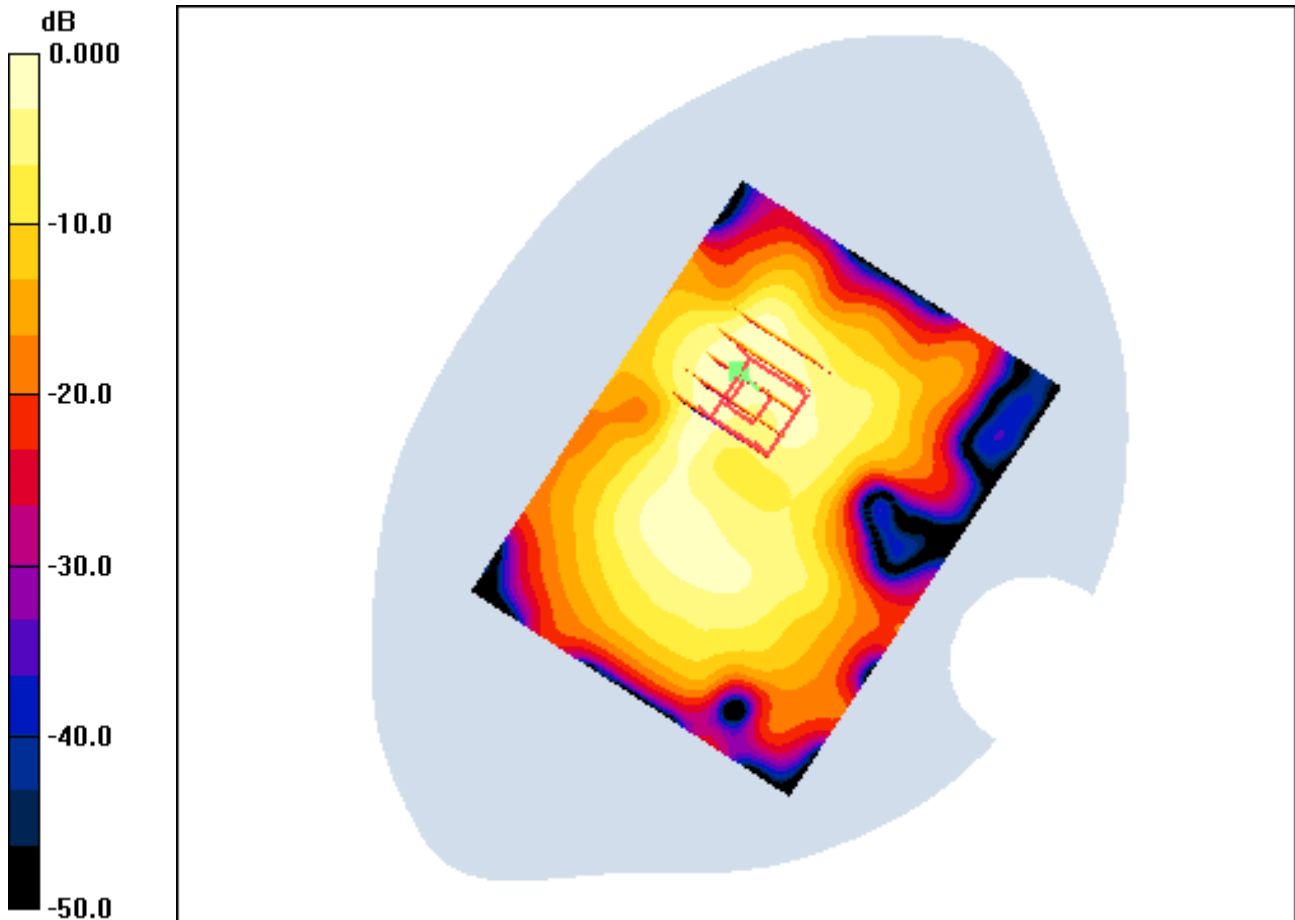
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.173 mW/g



0 dB = 0.544mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.07$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Rear

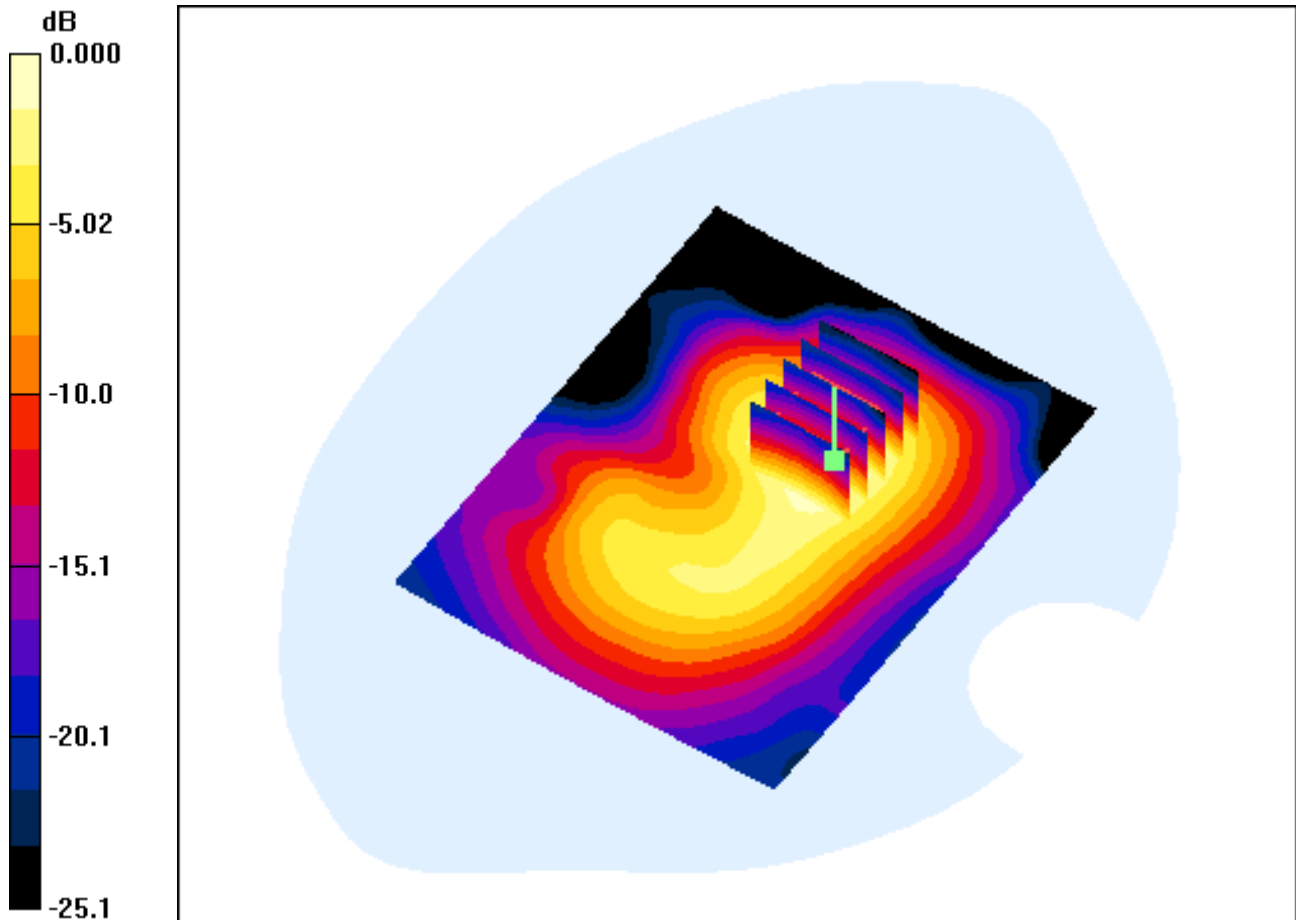
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.214 mW/g



0 dB = 0.581mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Rear

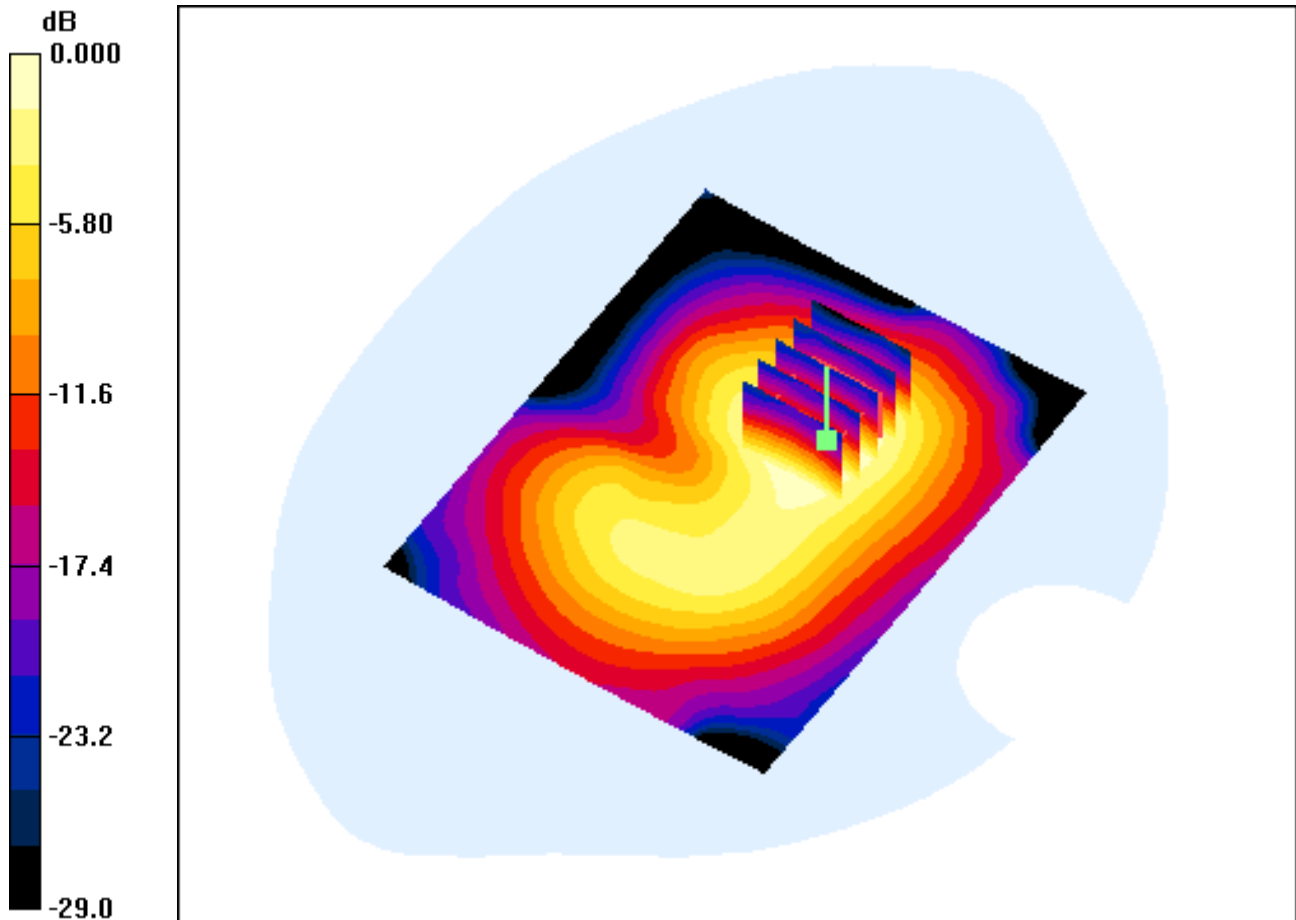
Area Scan (81x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.179 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.214 mW/g



0 dB = 0.604mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2

Medium parameters used (interpolated): $f = 2686.75$ MHz; $\sigma = 2.32$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Rear

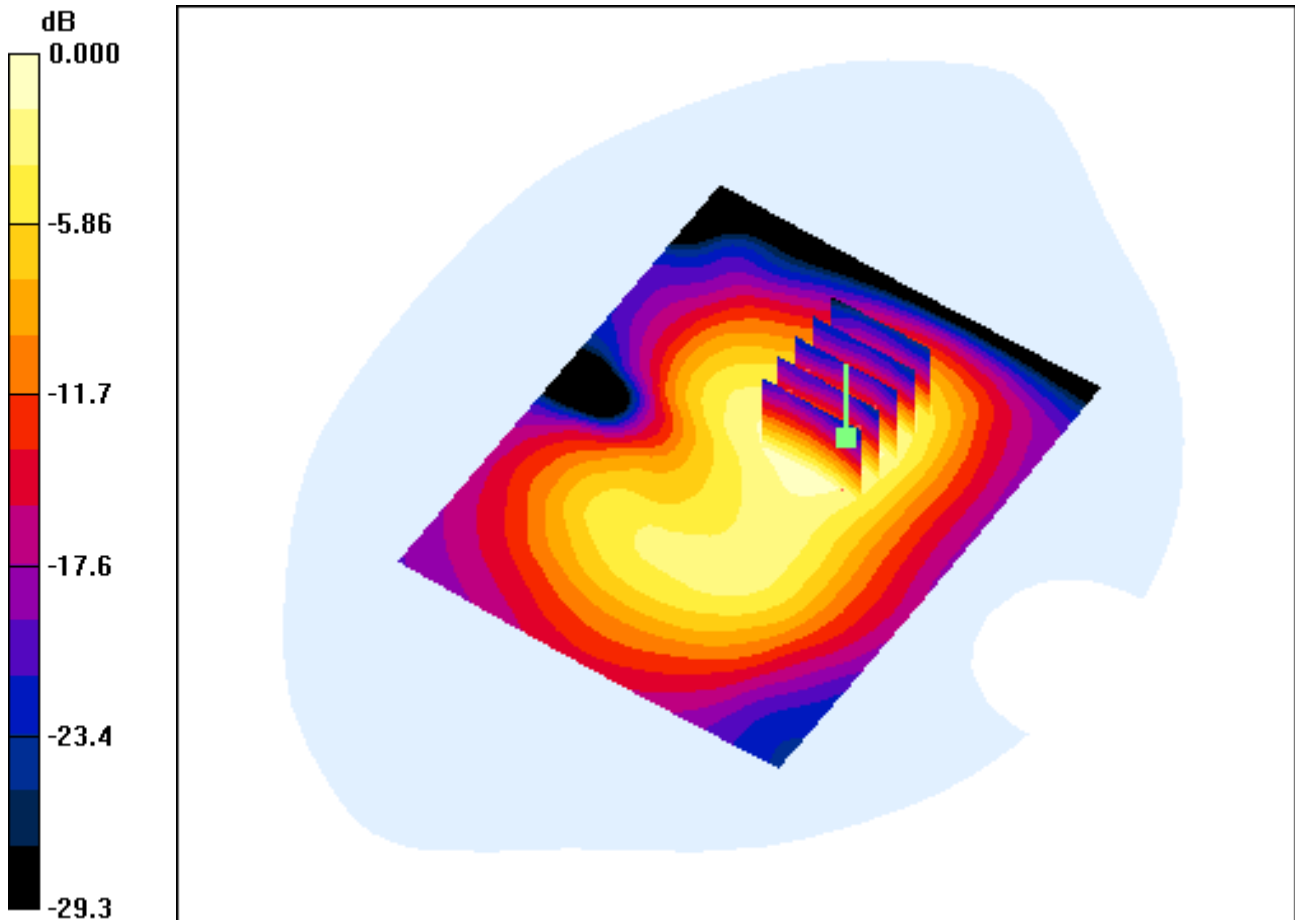
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.341 mW/g



0 dB = 0.962mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Right

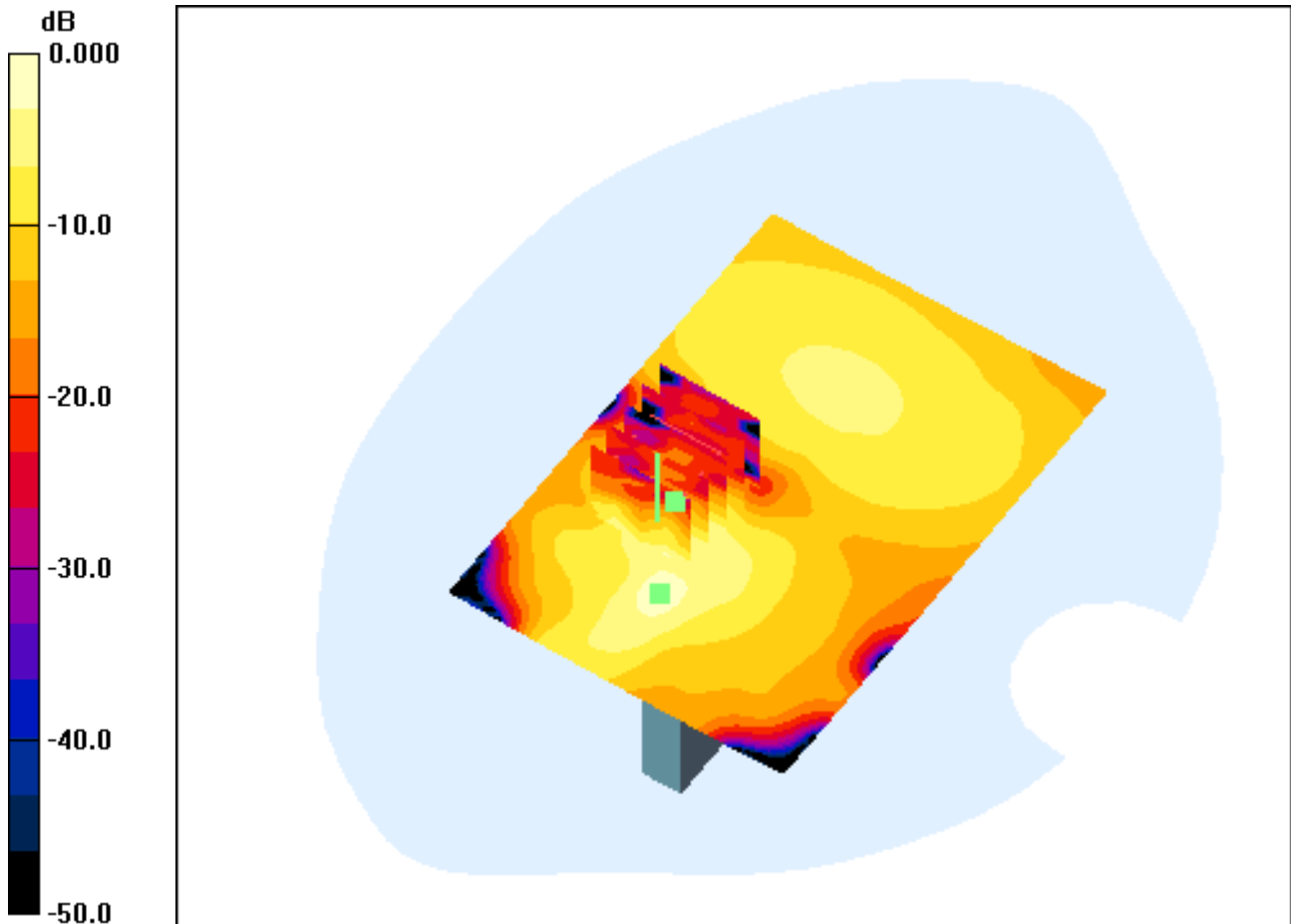
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.042 mW/g



0 dB = 0.211 mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Right

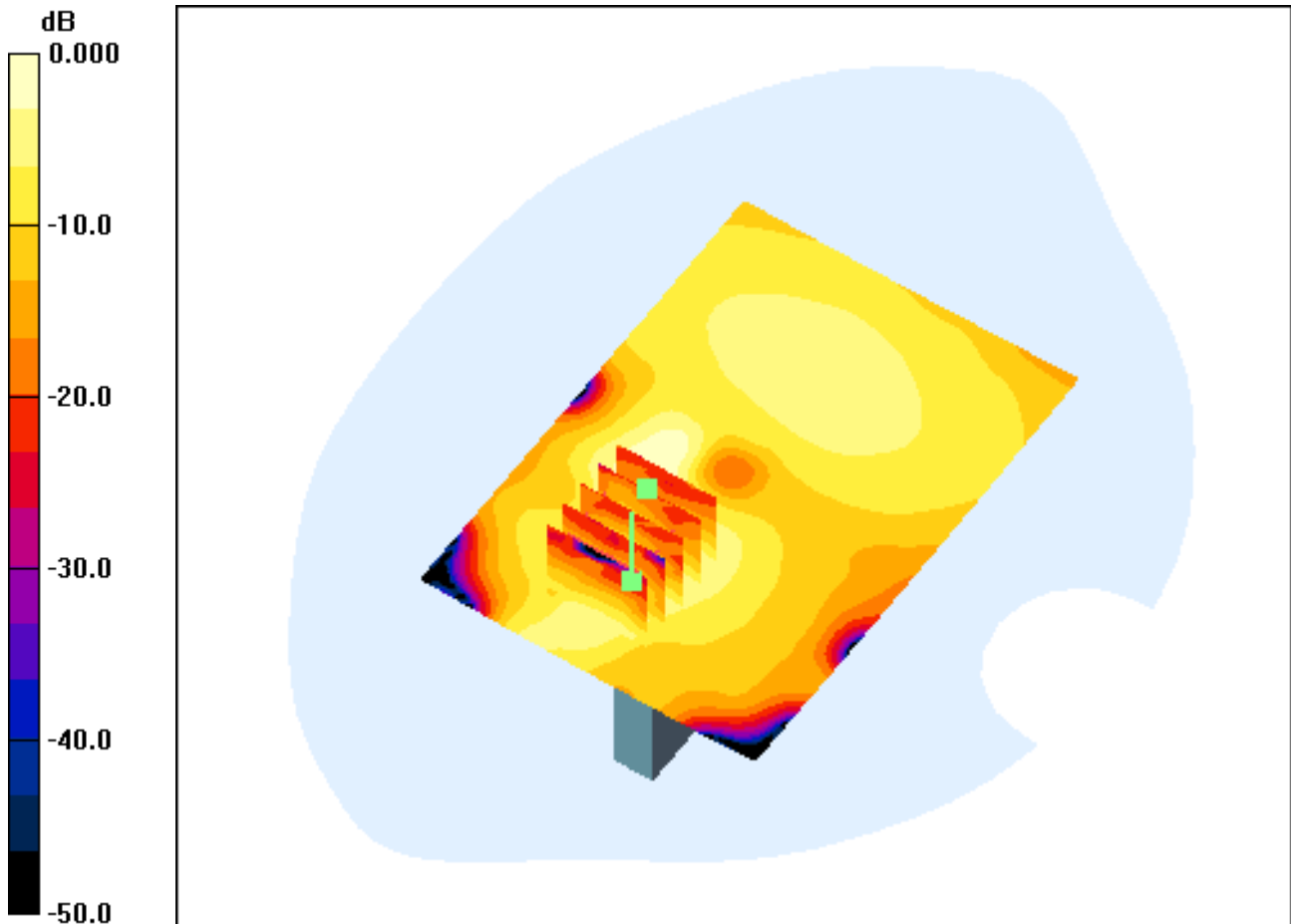
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.042 mW/g



0 dB = 0.157mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Left

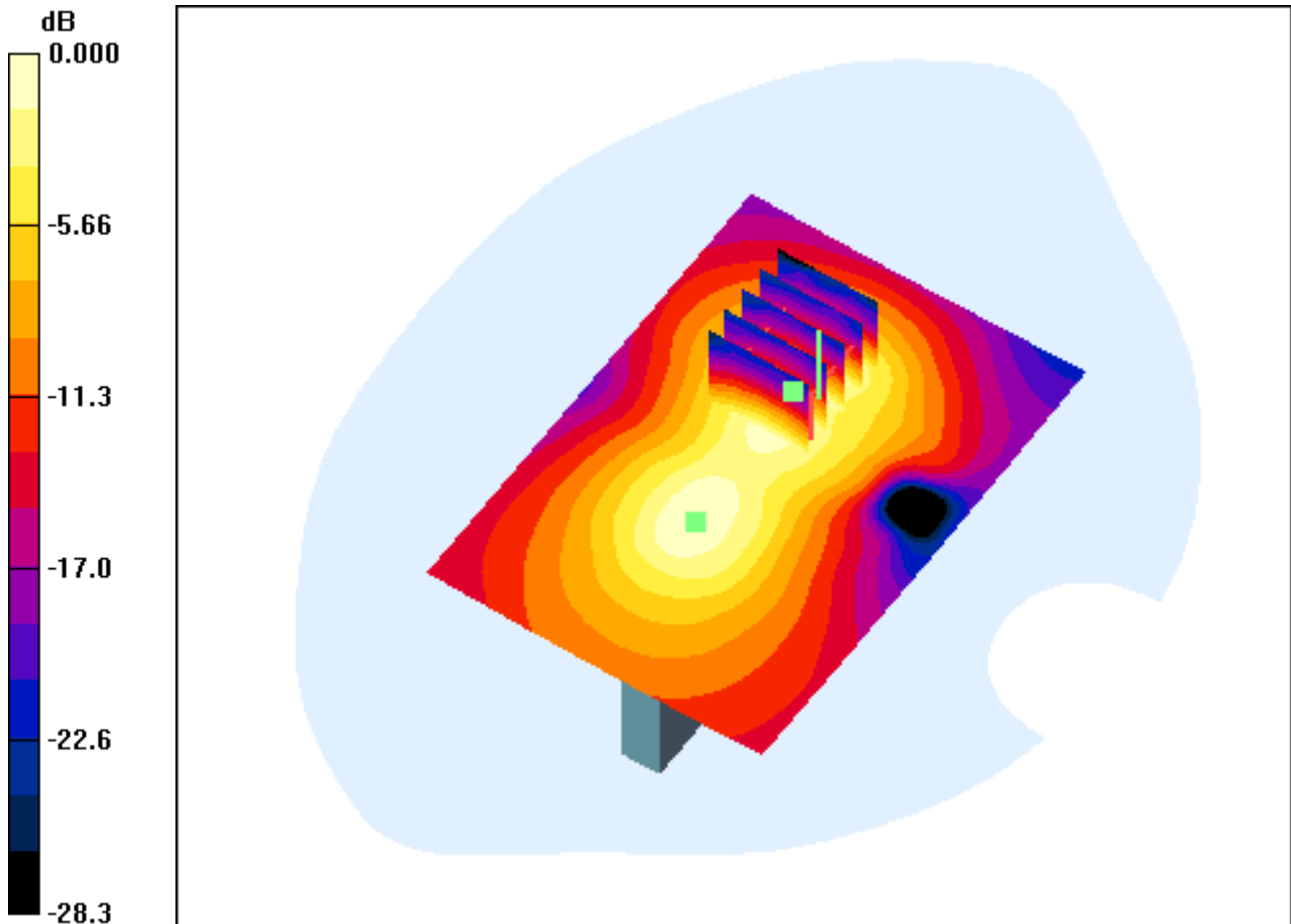
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.840 W/kg

SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.181 mW/g



0 dB = 0.509mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Left

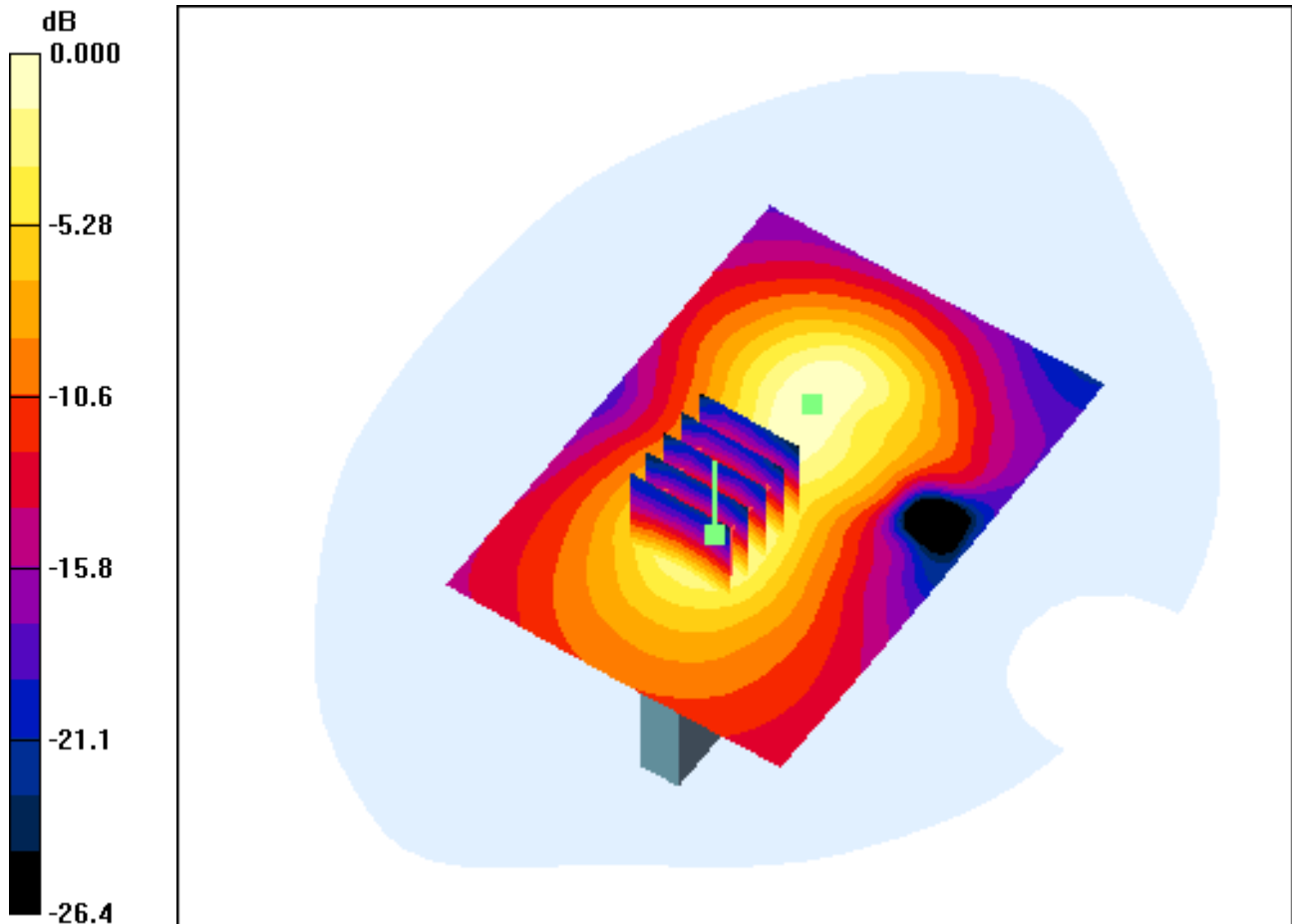
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.162 mW/g



0 dB = 0.483mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Top

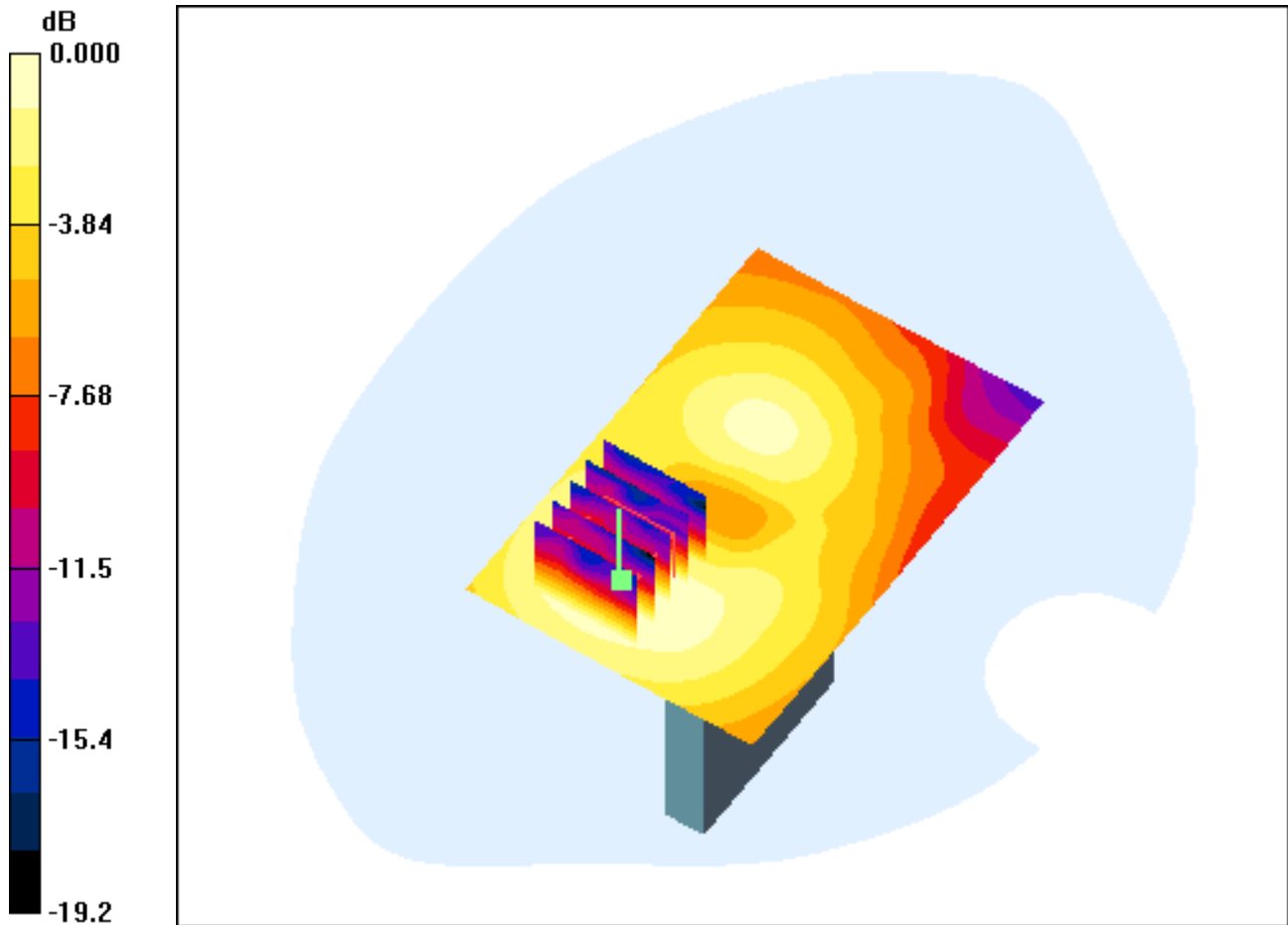
Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.037 mW/g



0 dB = 0.085mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Bottom

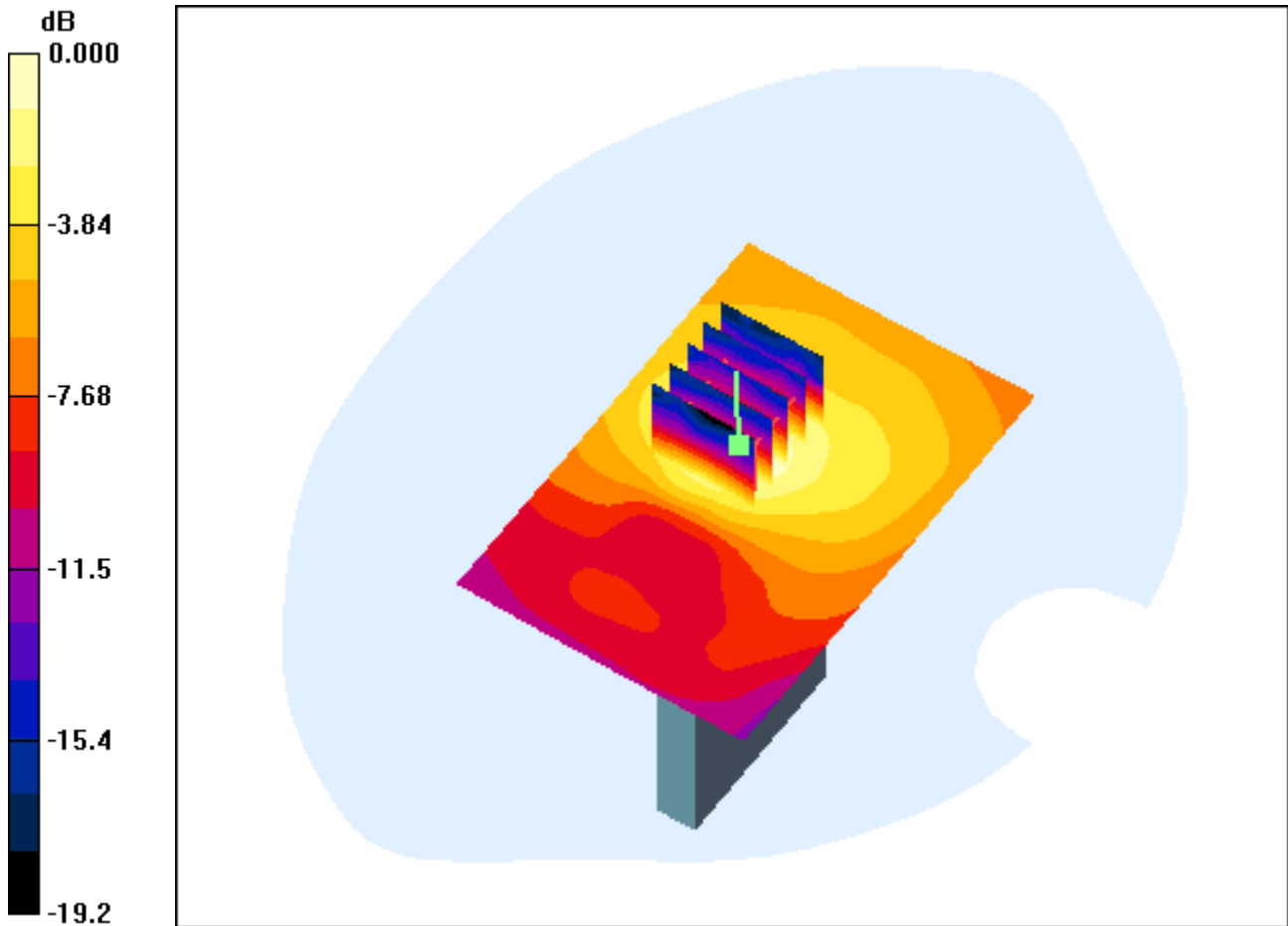
Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.189 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.063 mW/g



0 dB = 0.160mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Front

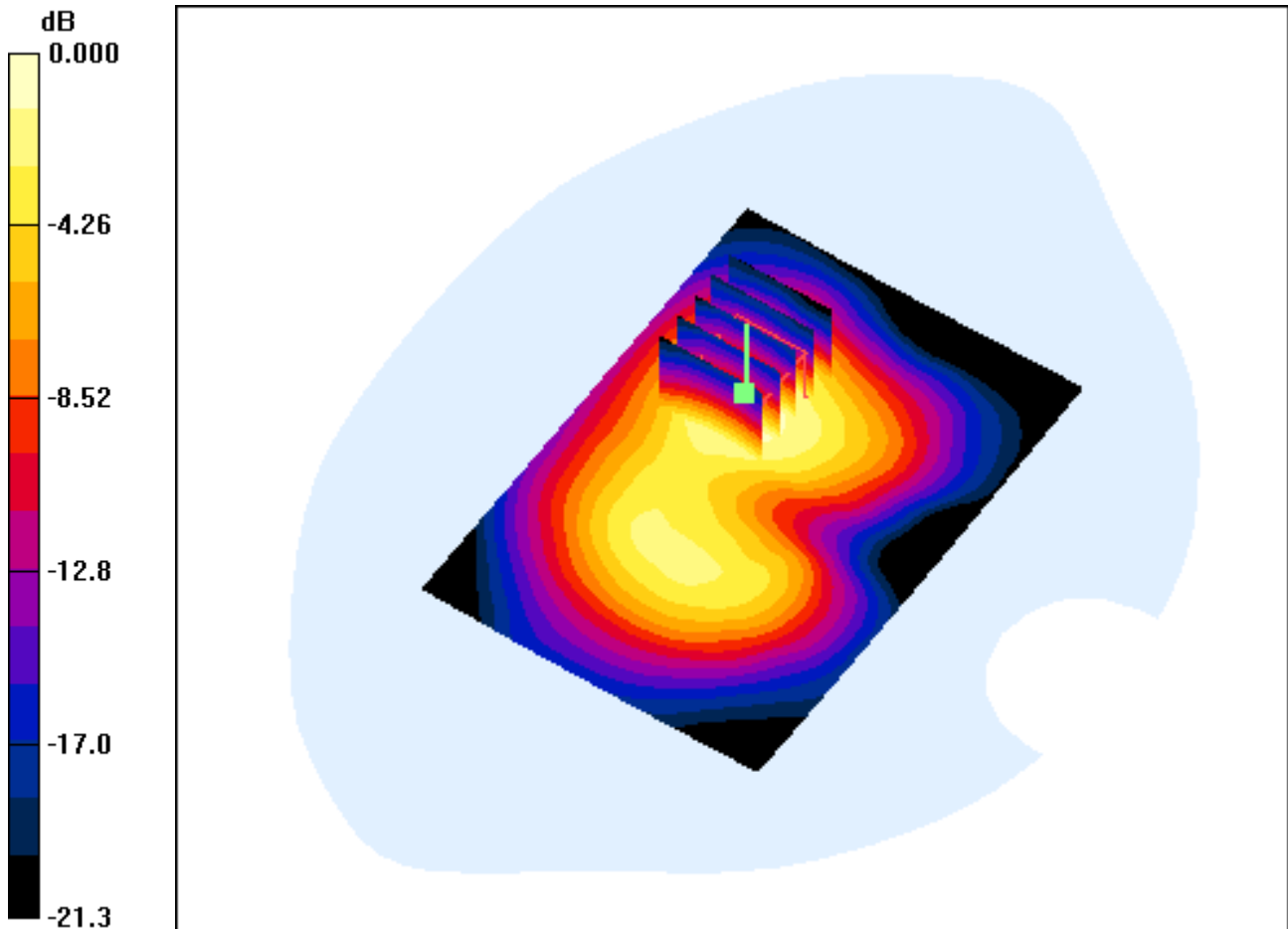
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.246 mW/g



0 dB = 0.646mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5 \text{ MHz}$; $\sigma = 2.07 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Rear

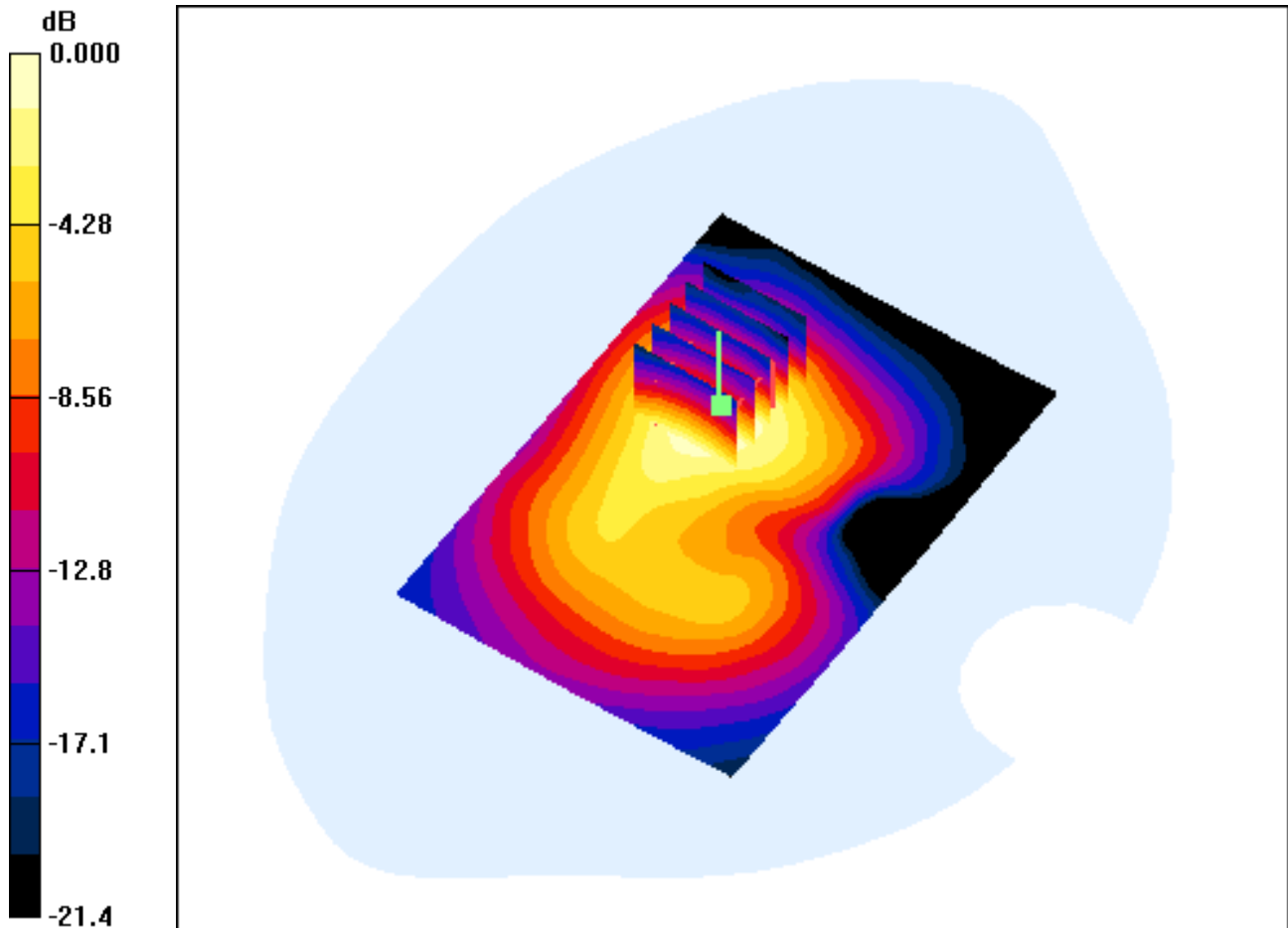
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.198 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.206 mW/g



0 dB = 0.517mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Rear

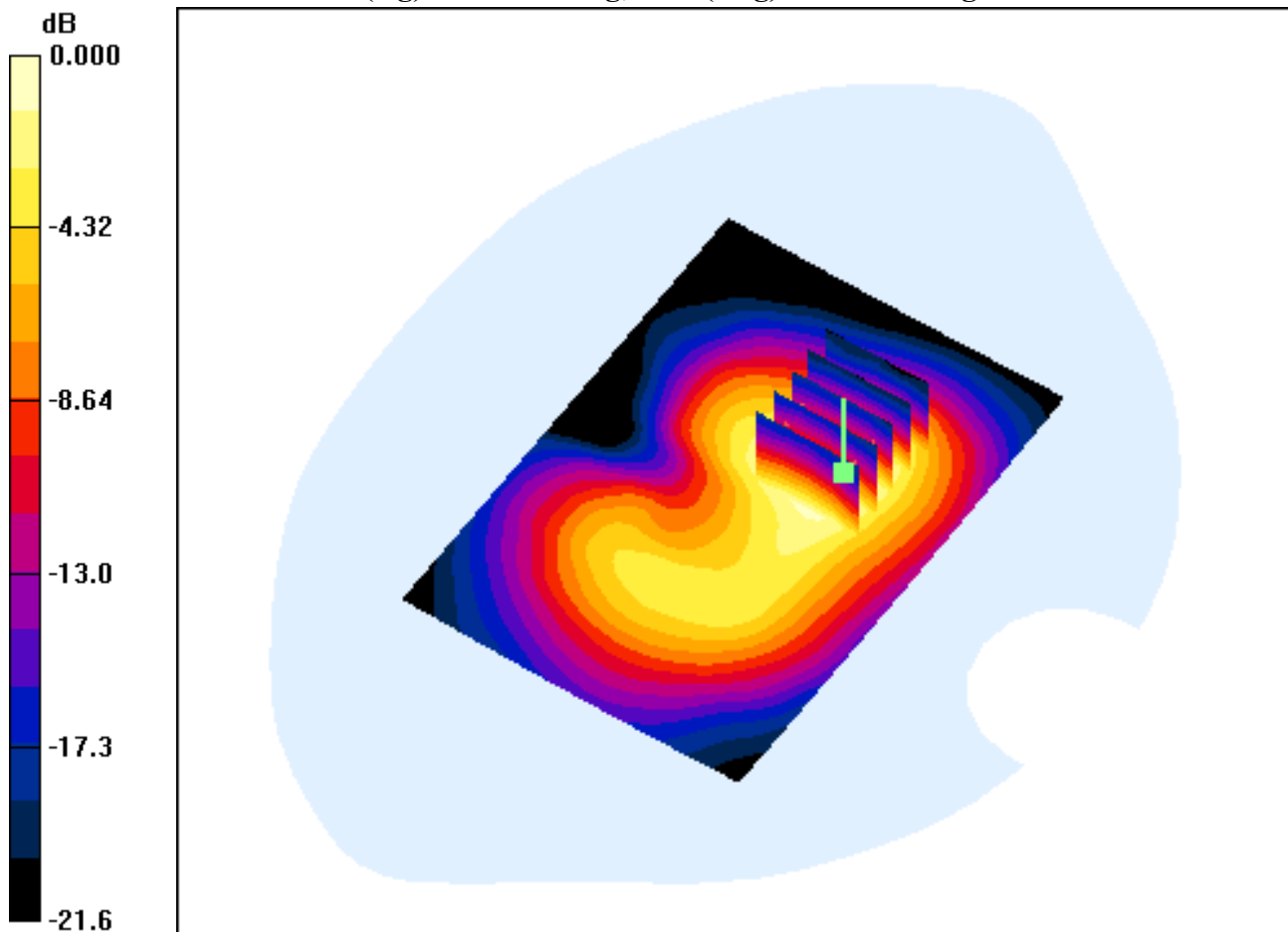
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.002 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.258 mW/g



0 dB = 0.669mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.3$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Rear

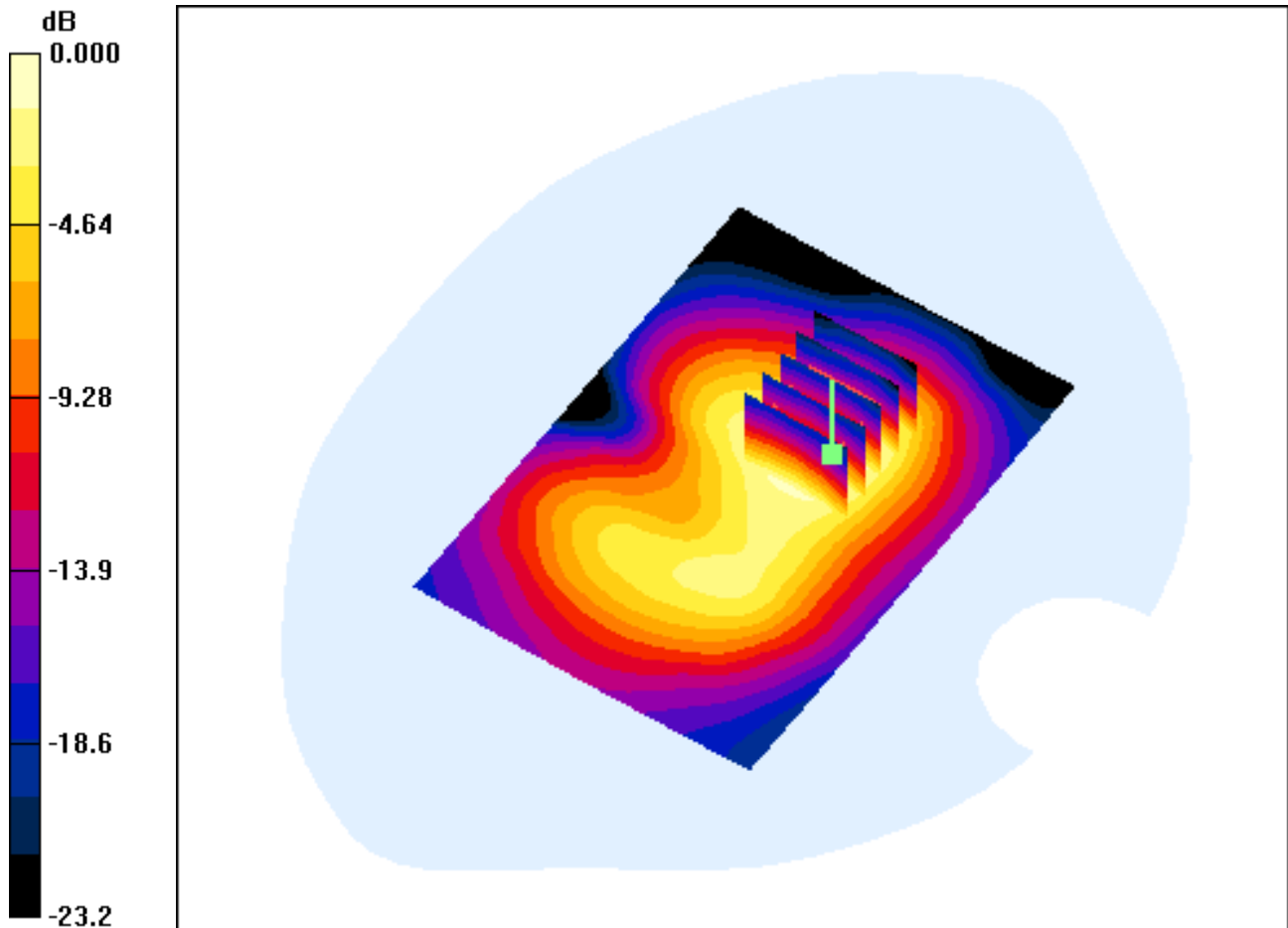
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.358 mW/g



0 dB = 0.952mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Right

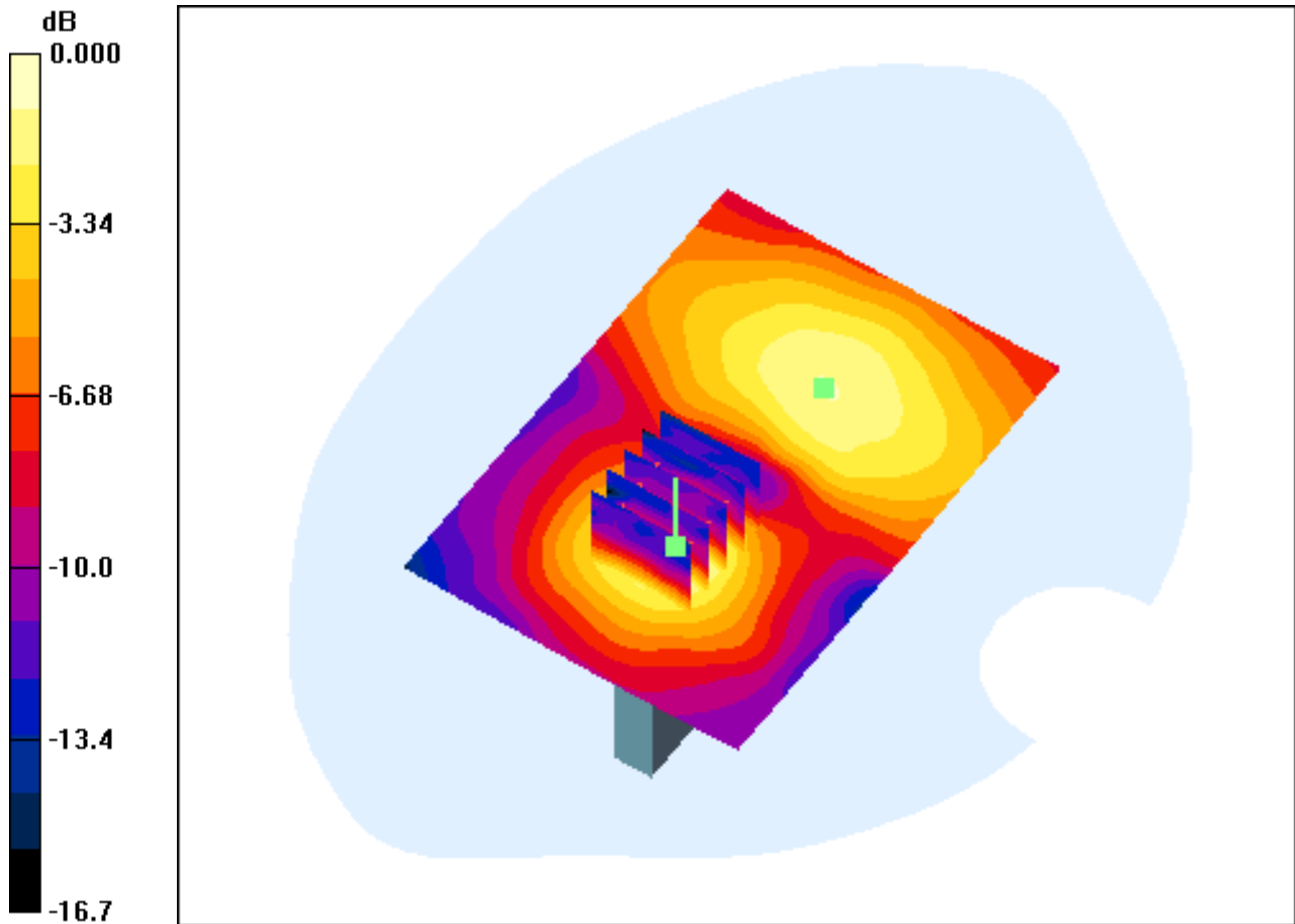
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.029 mW/g



0 dB = 0.073mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Right

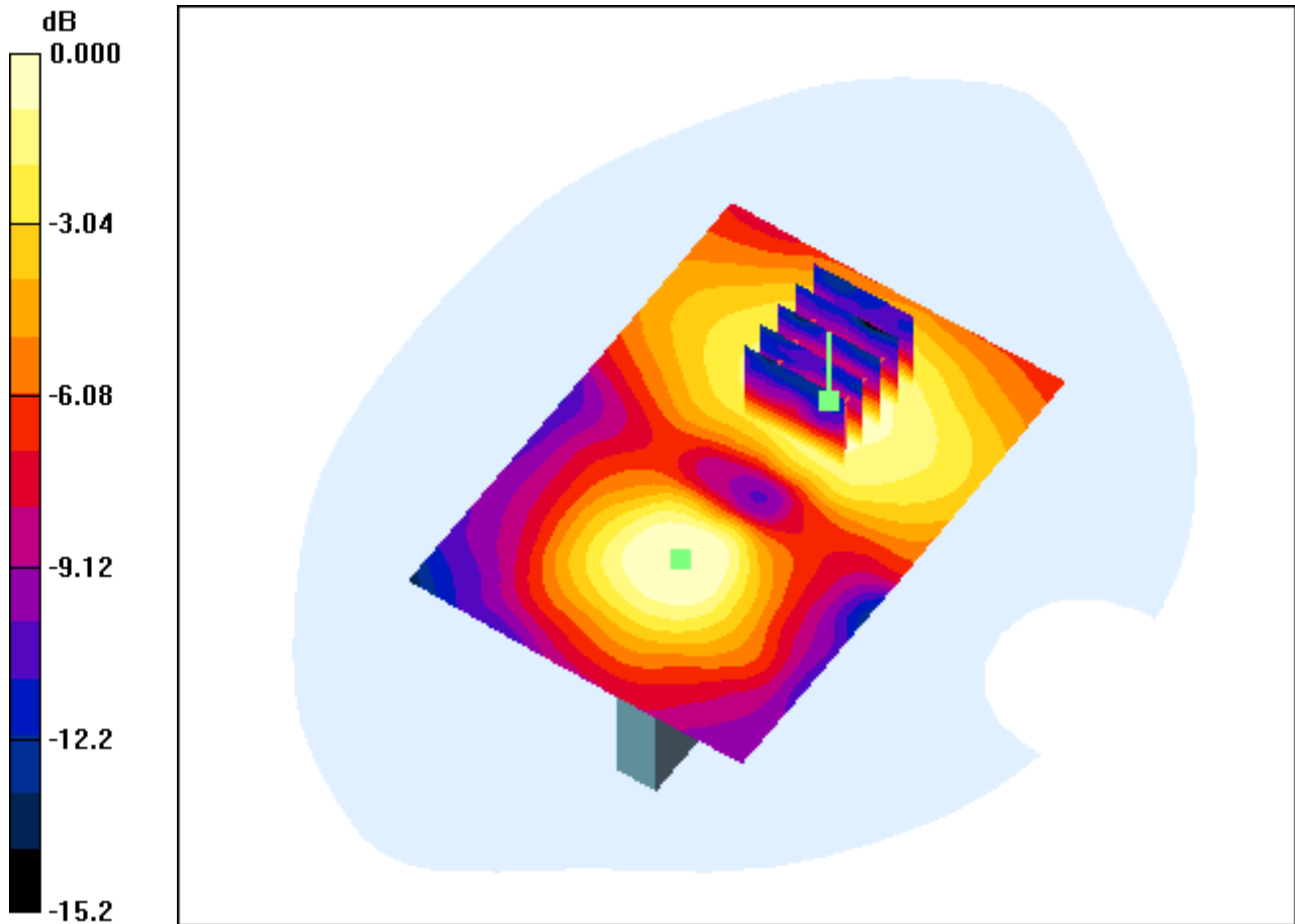
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.026 mW/g



0 dB = 0.059mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Left

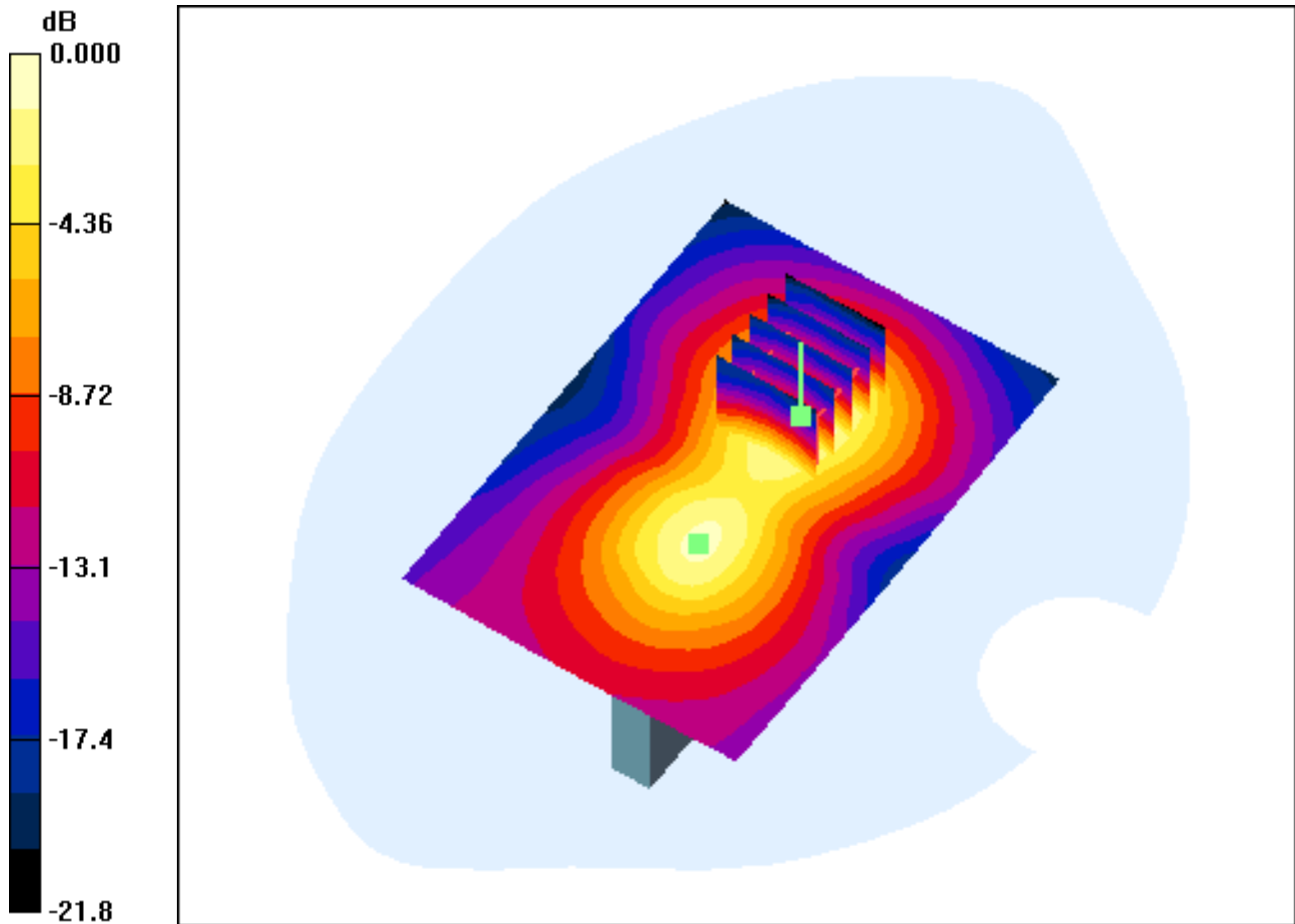
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.207 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Left

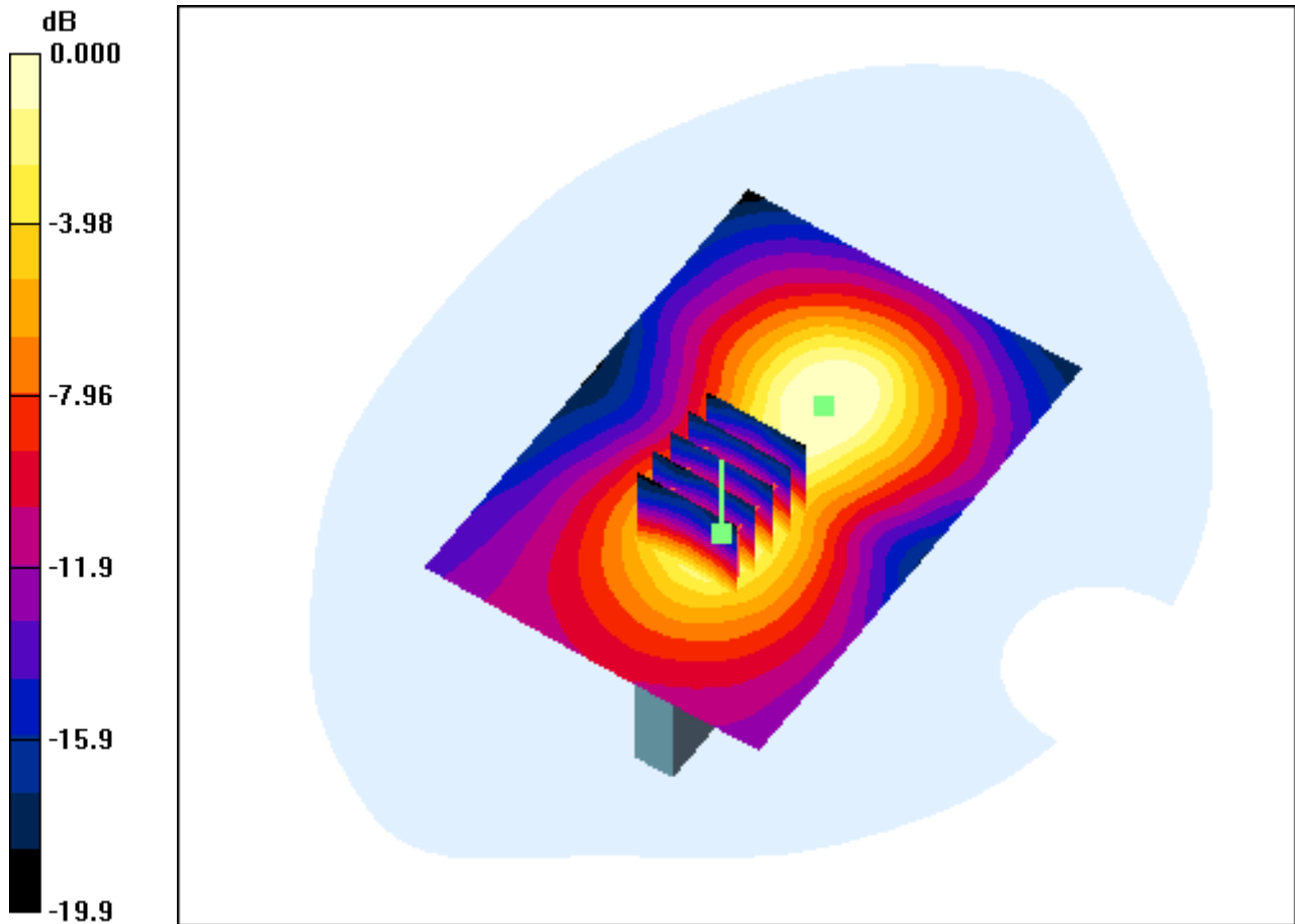
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.171 mW/g



0 dB = 0.466mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Top

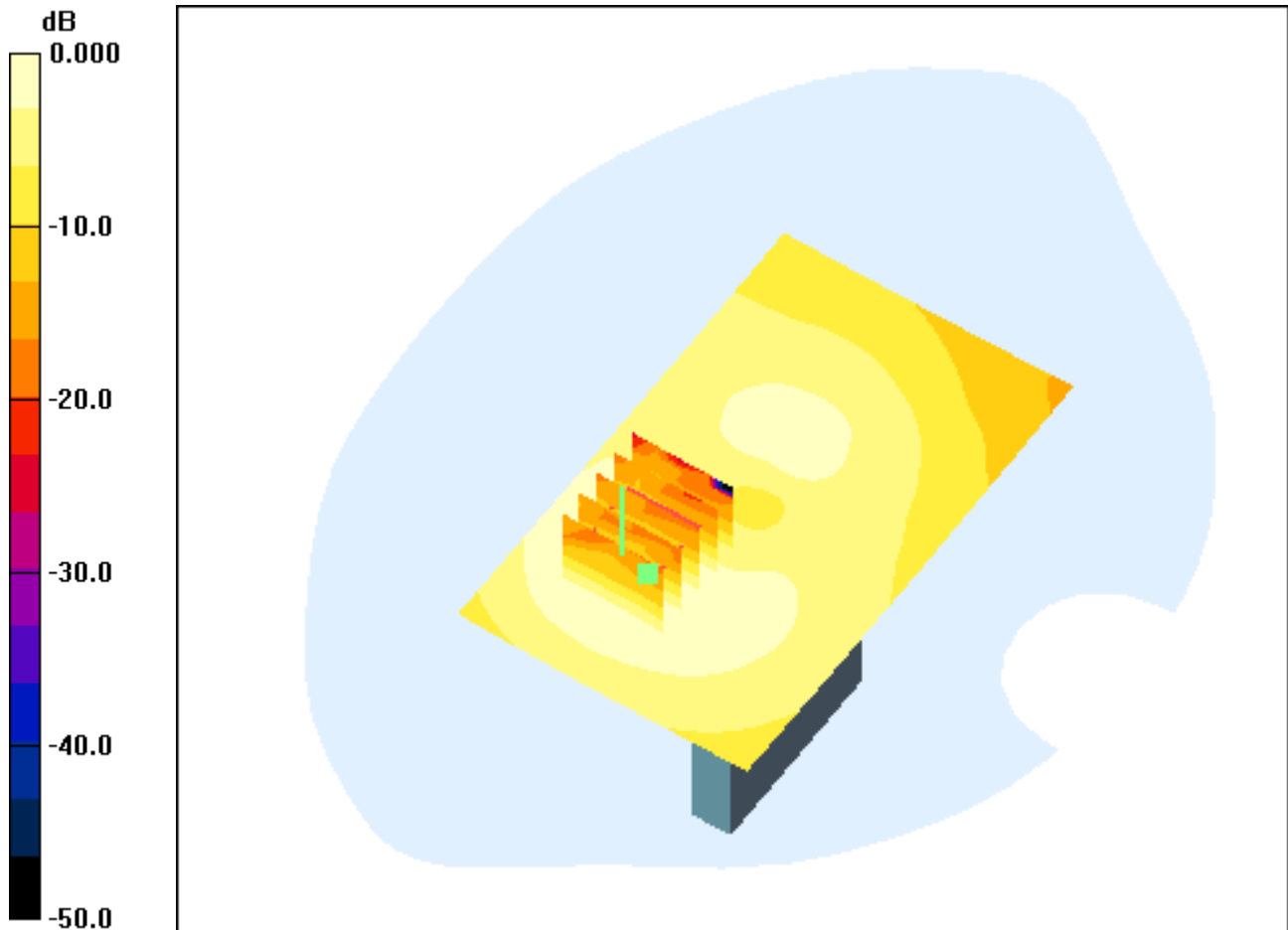
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.199 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.039 mW/g



0 dB = 0.103mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Bottom

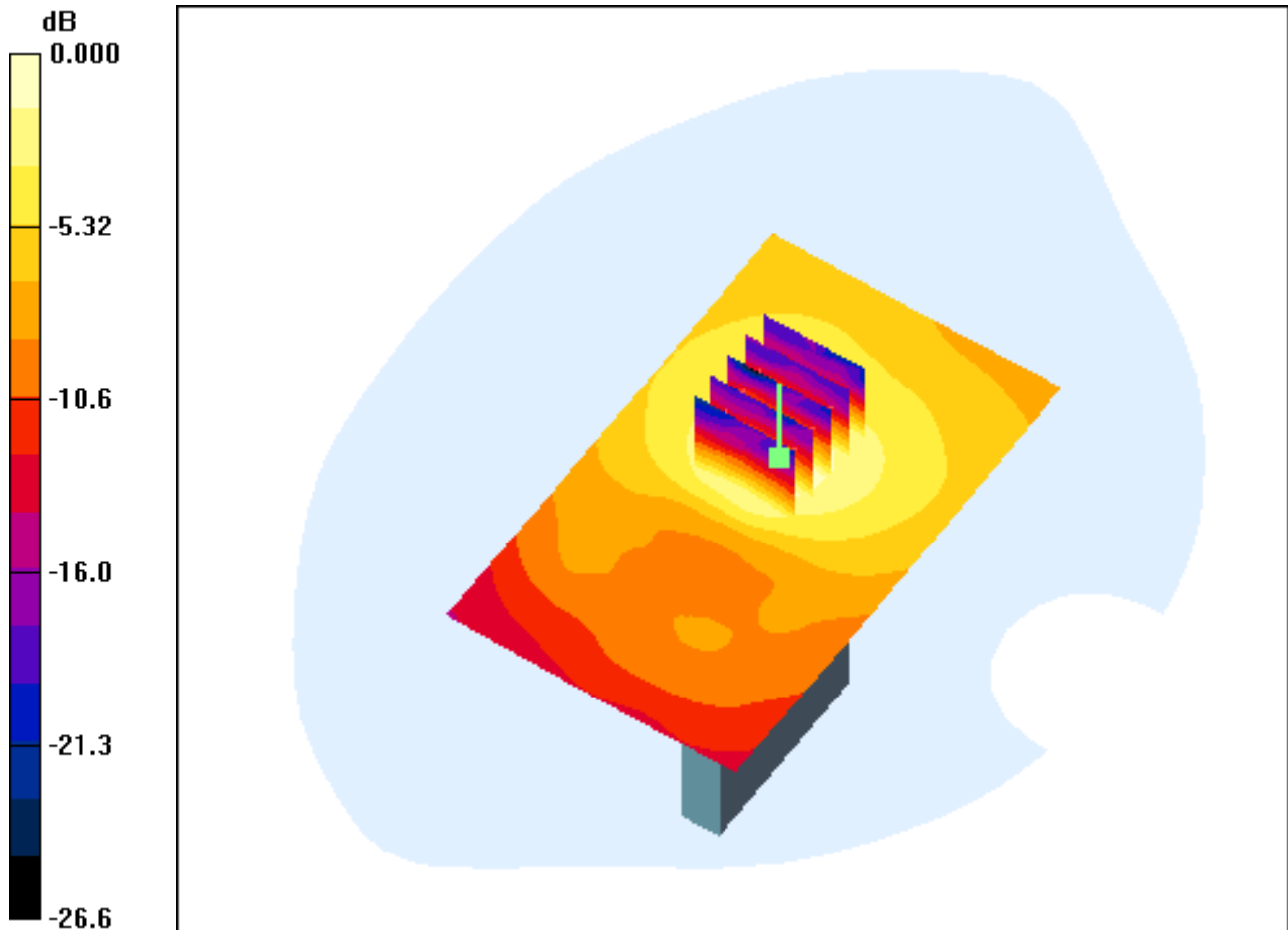
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.063 mW/g



0 dB = 0.175mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Front

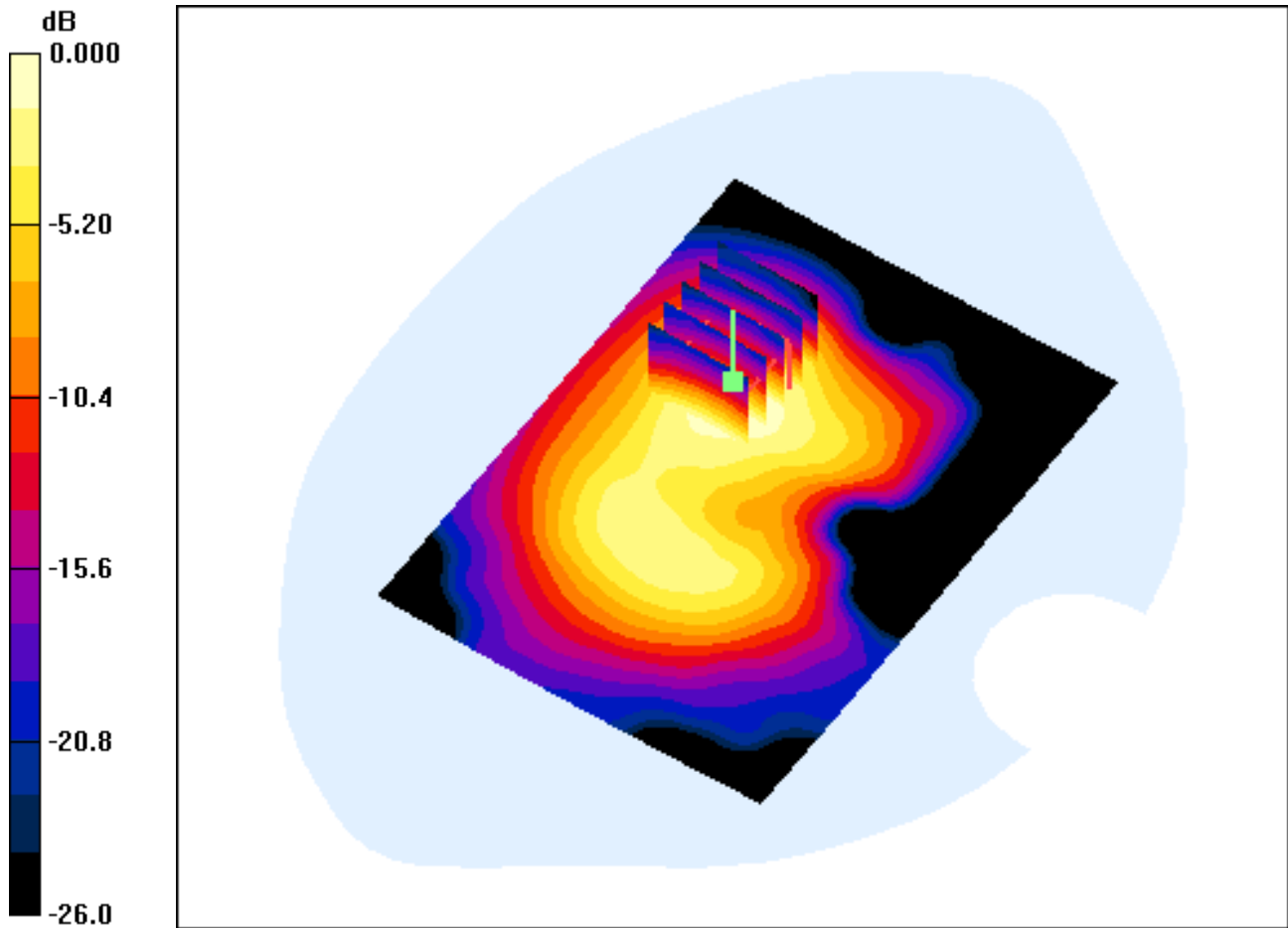
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.206 dB

Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.224 mW/g



0 dB = 0.614mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WiMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5 \text{ MHz}$; $\sigma = 2.08 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Rear

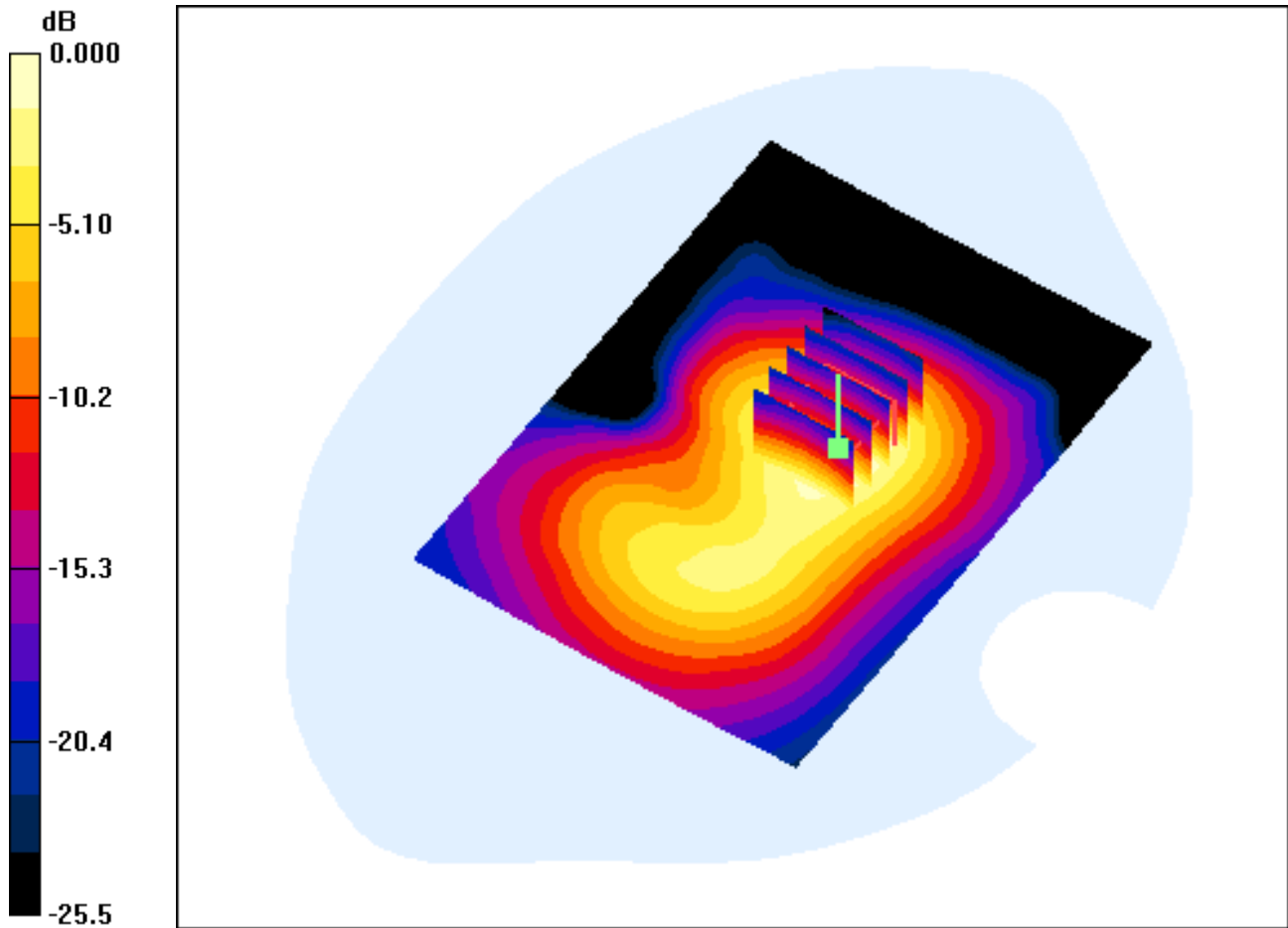
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.977 W/kg

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.232 mW/g



0 dB = 0.621 mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Rear

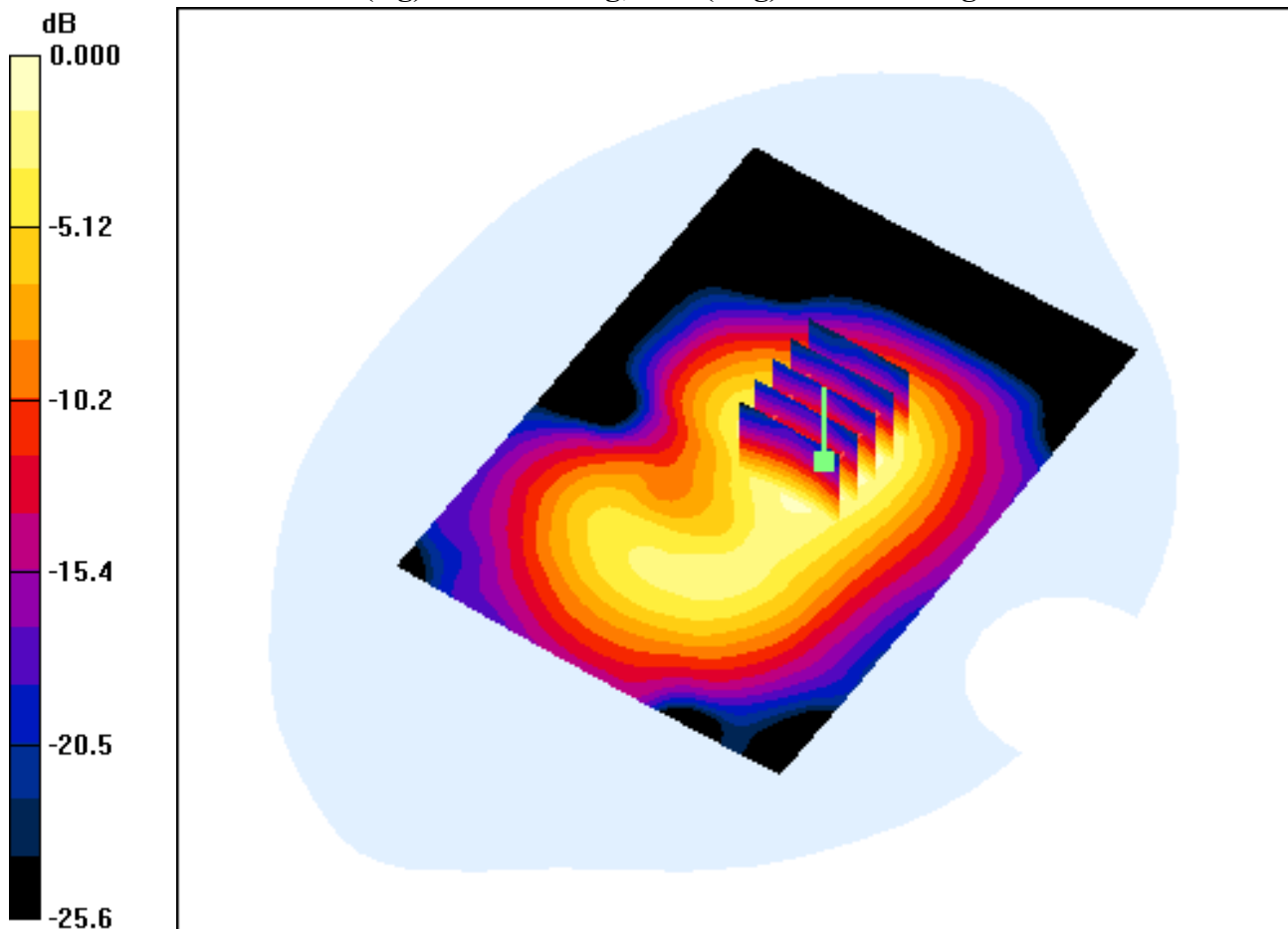
Area Scan (81x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = -0.184 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.241 mW/g



0 dB = 0.650mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.31$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Rear

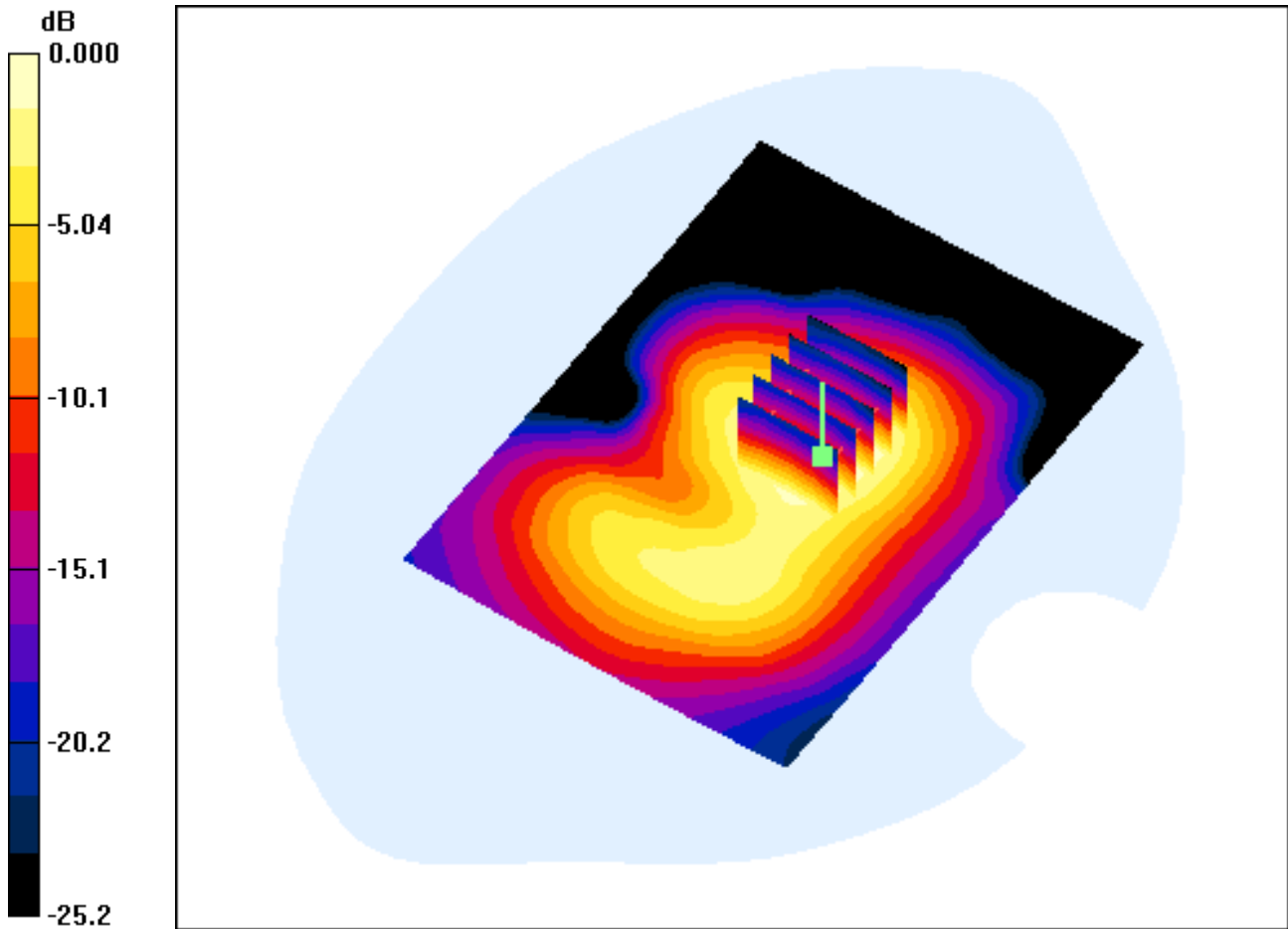
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.340 mW/g



0 dB = 0.919mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Right

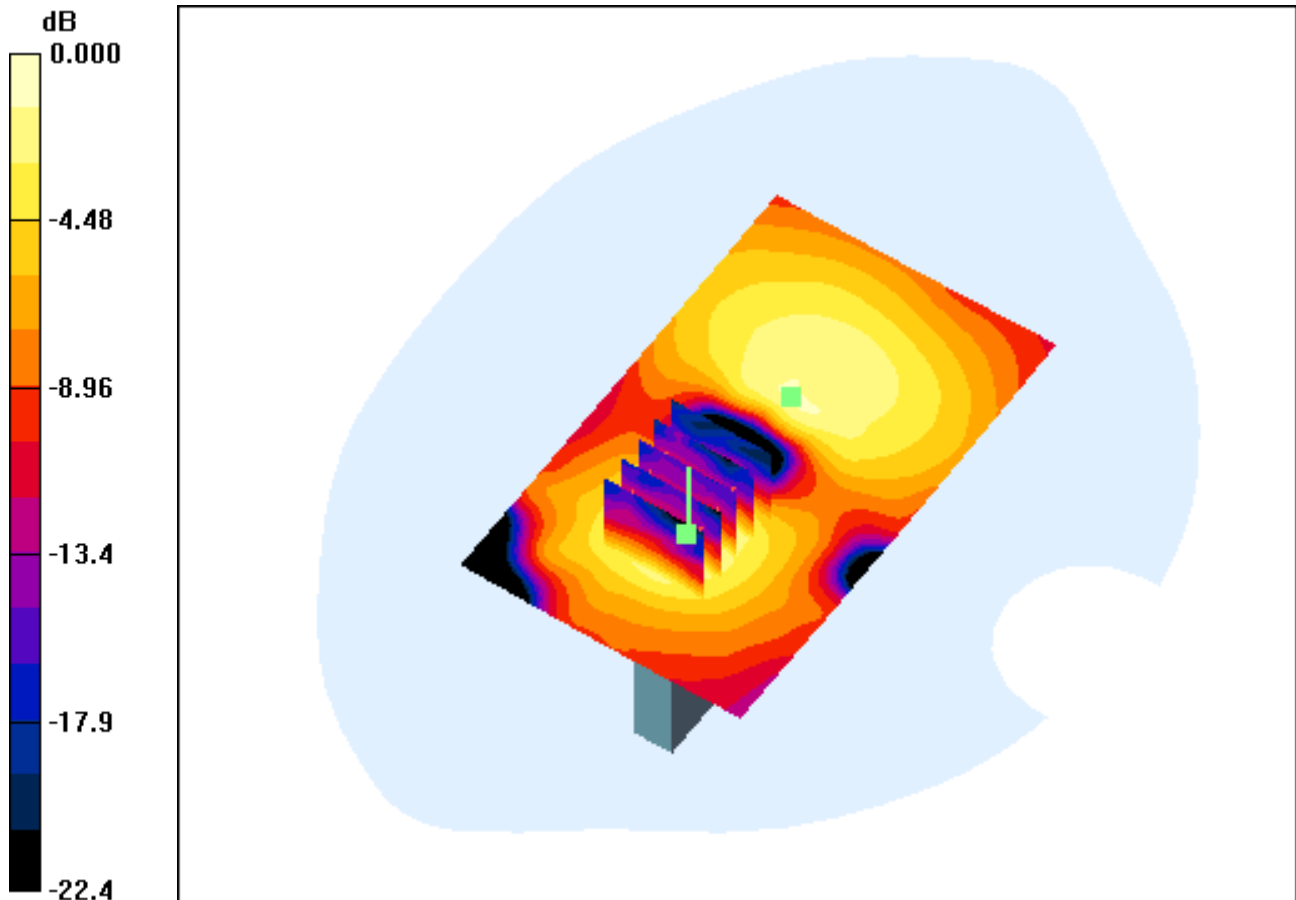
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.029 mW/g



0 dB = 0.083mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Right

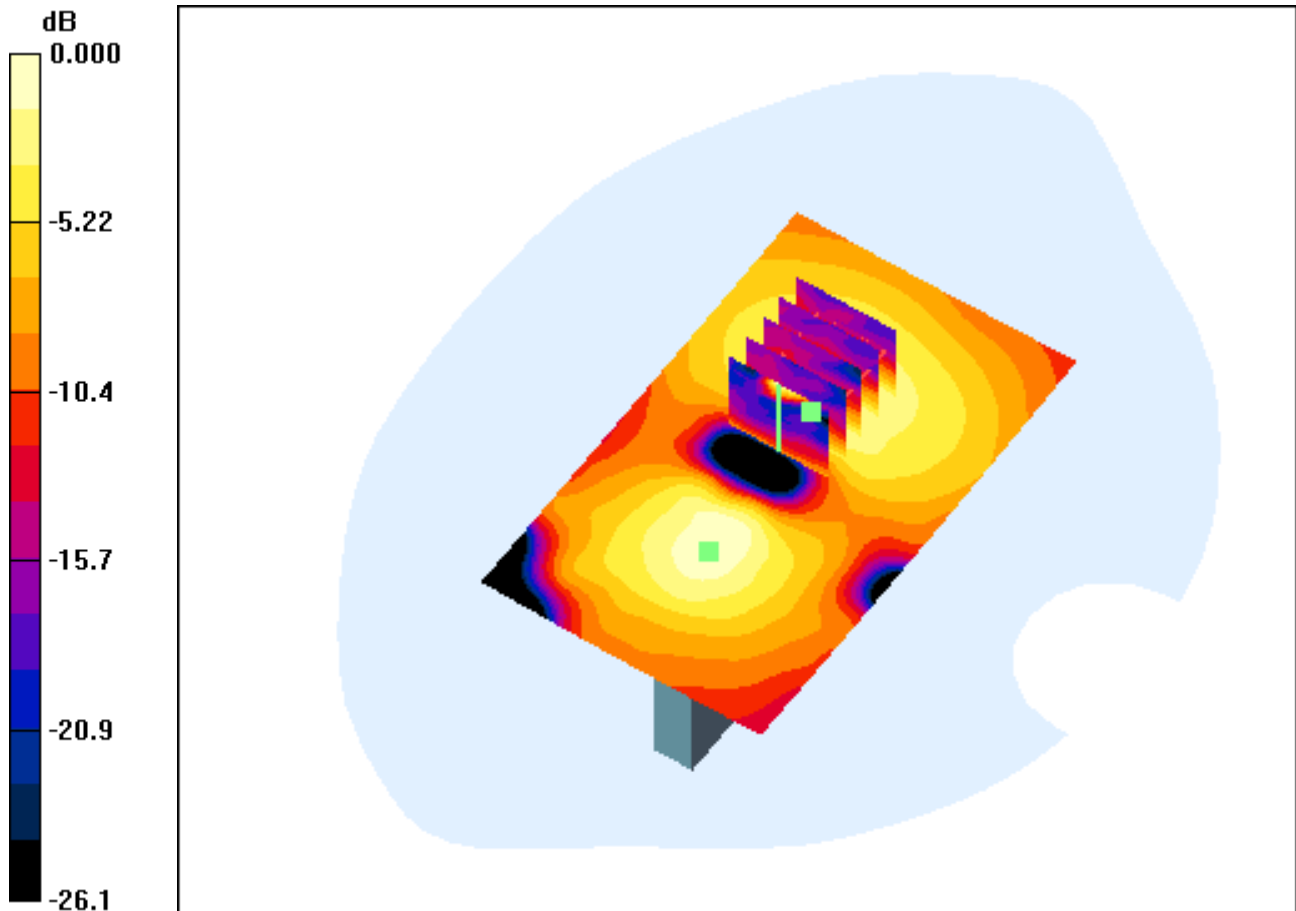
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.022 mW/g



0 dB = 0.094mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Left

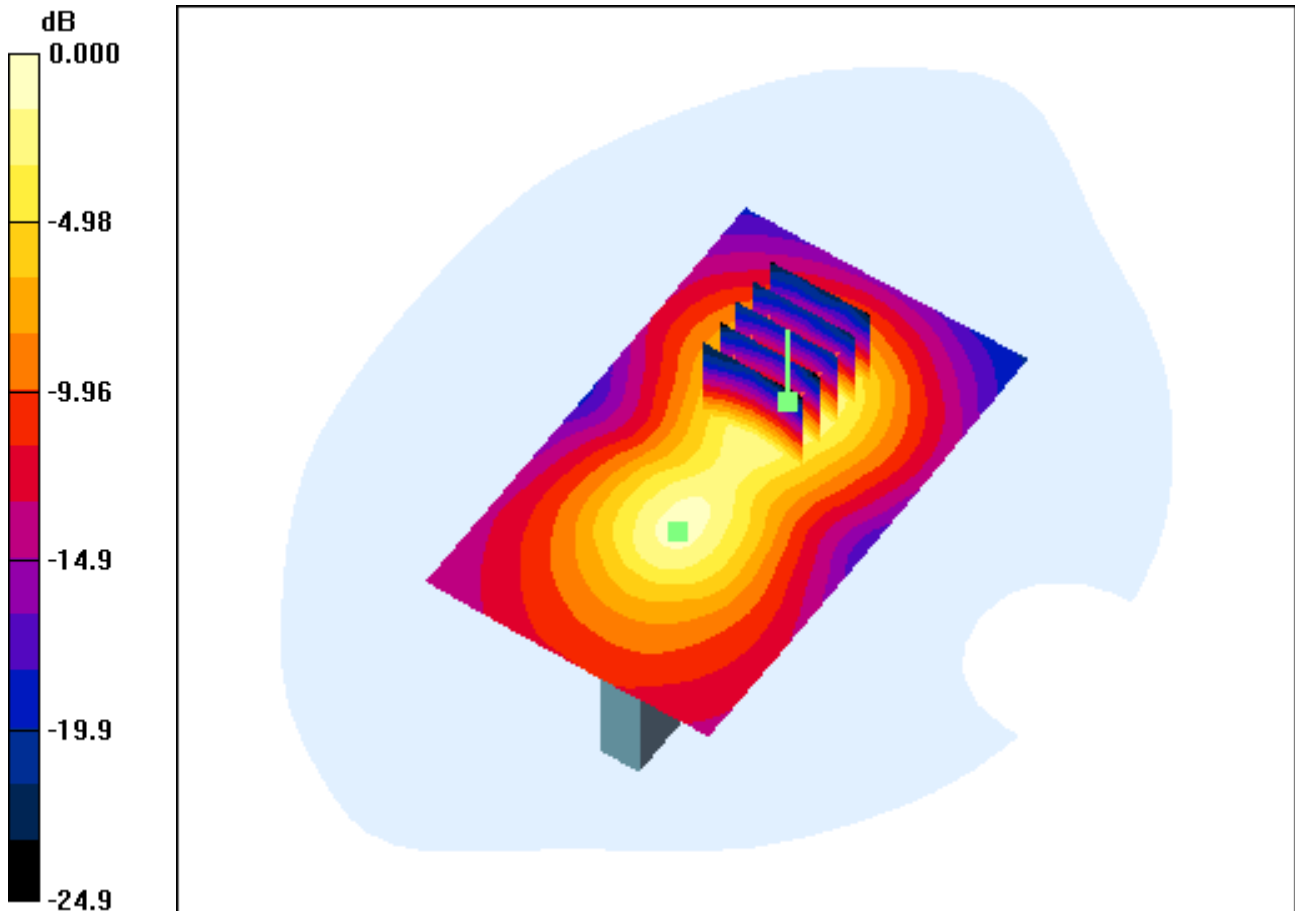
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.194 mW/g



0 dB = 0.576mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Left

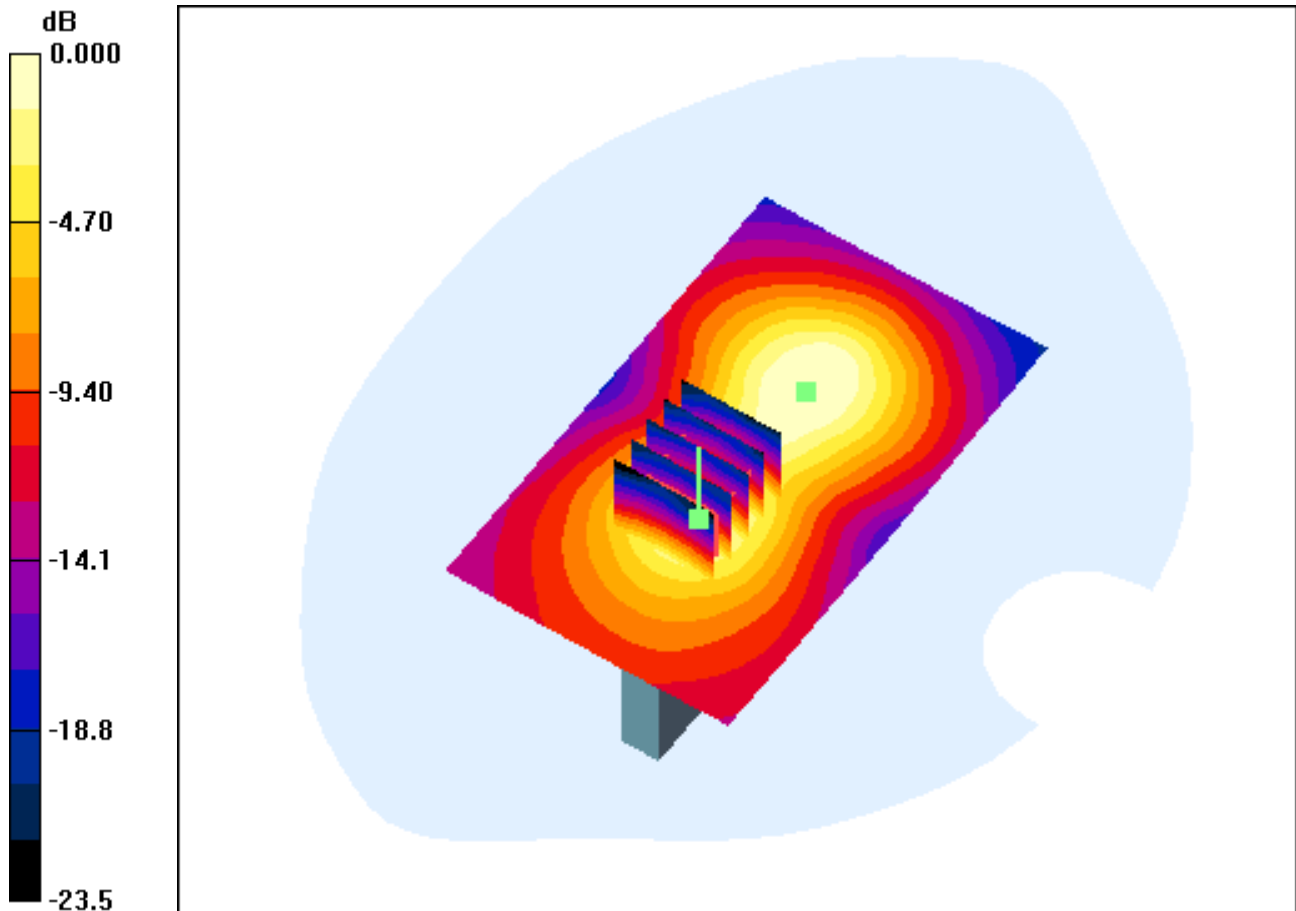
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.719 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.161 mW/g



0 dB = 0.458mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Top

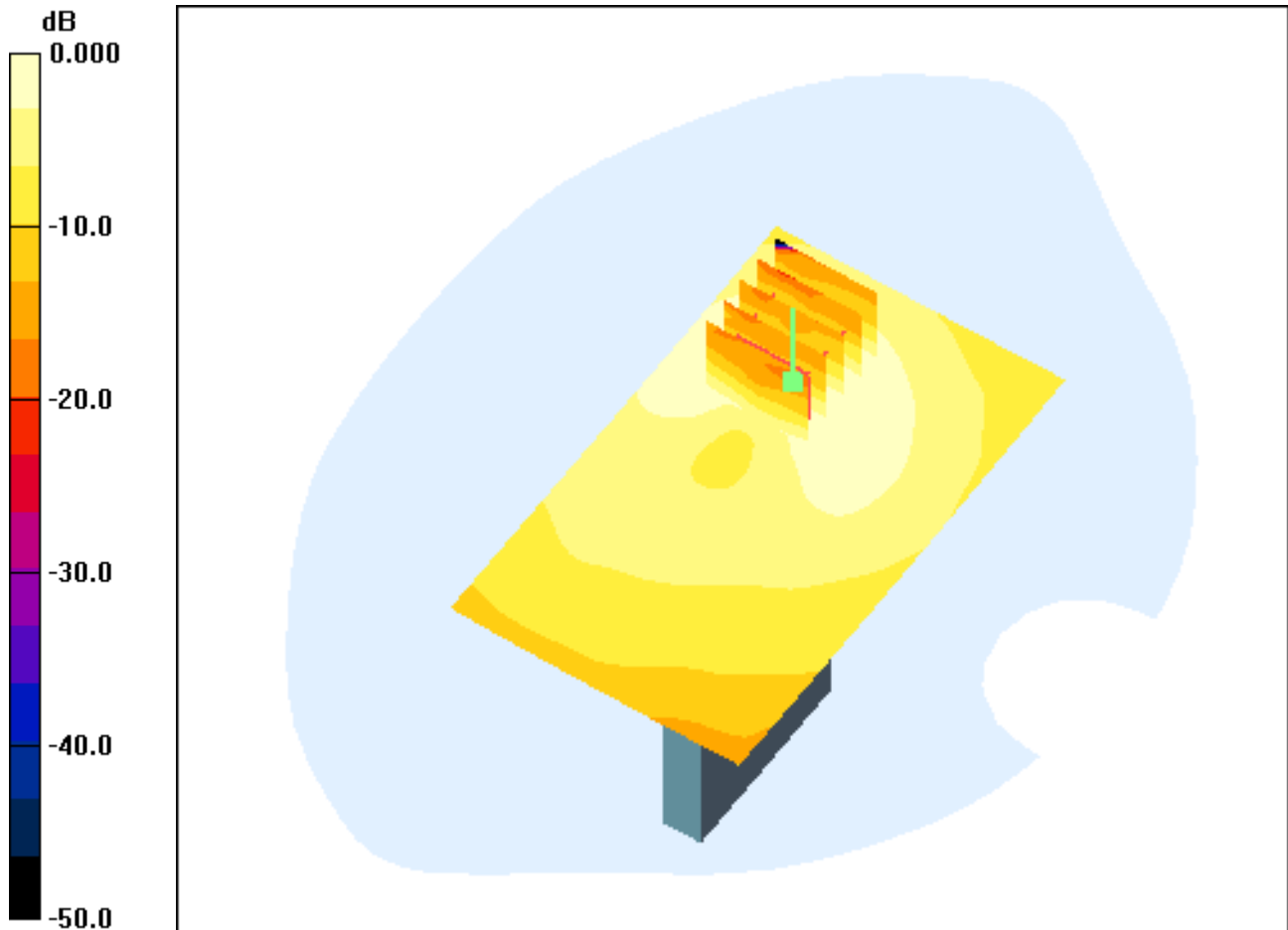
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.038 mW/g



0 dB = 0.095mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Bottom

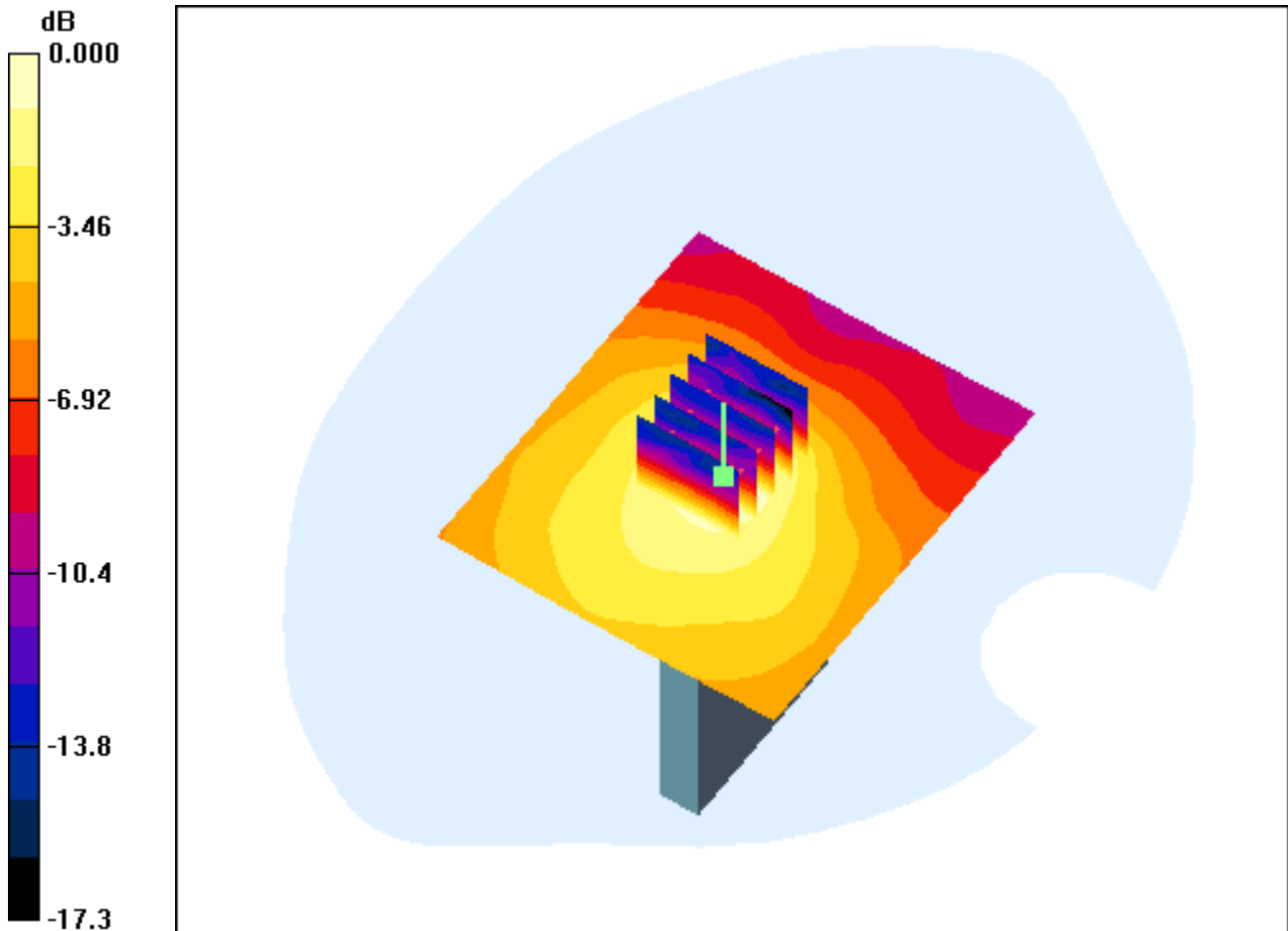
Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.045 mW/g



0 dB = 0.106mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Front

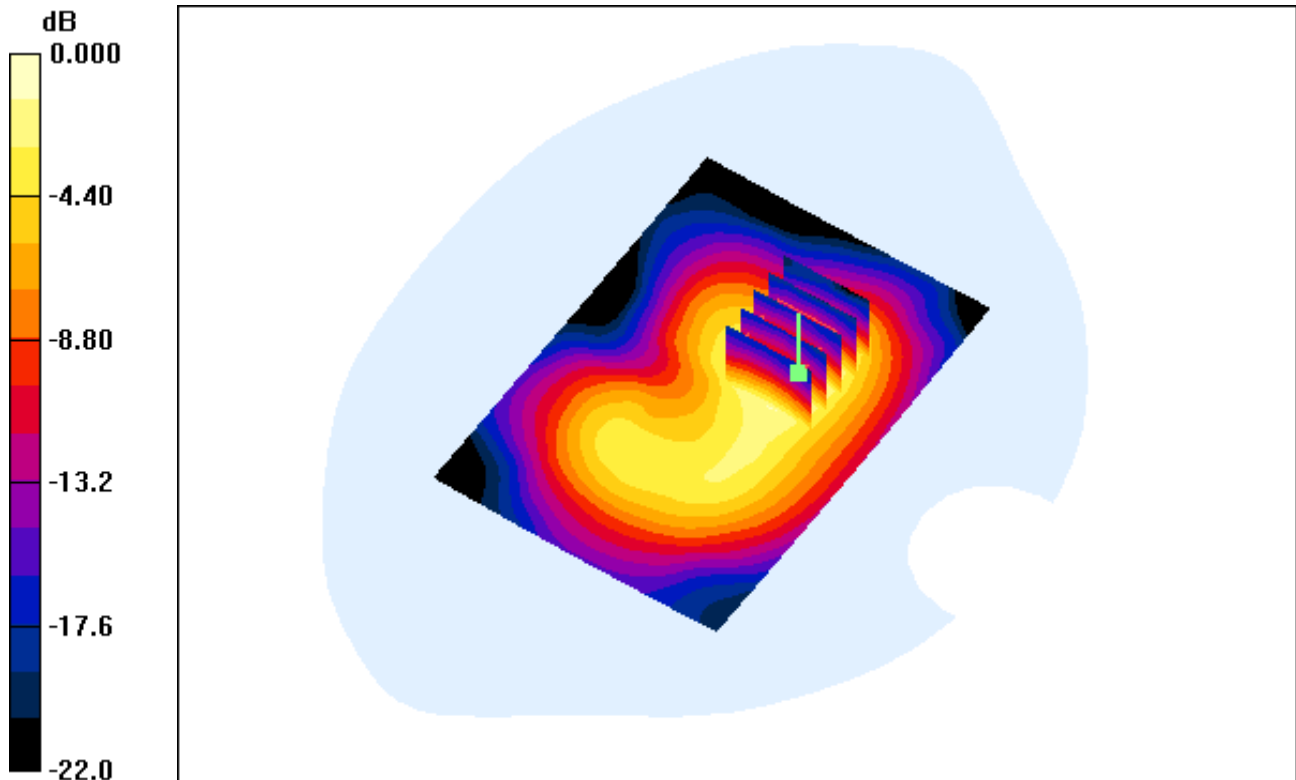
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.183 mW/g



0 dB = 0.482mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.09$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Rear

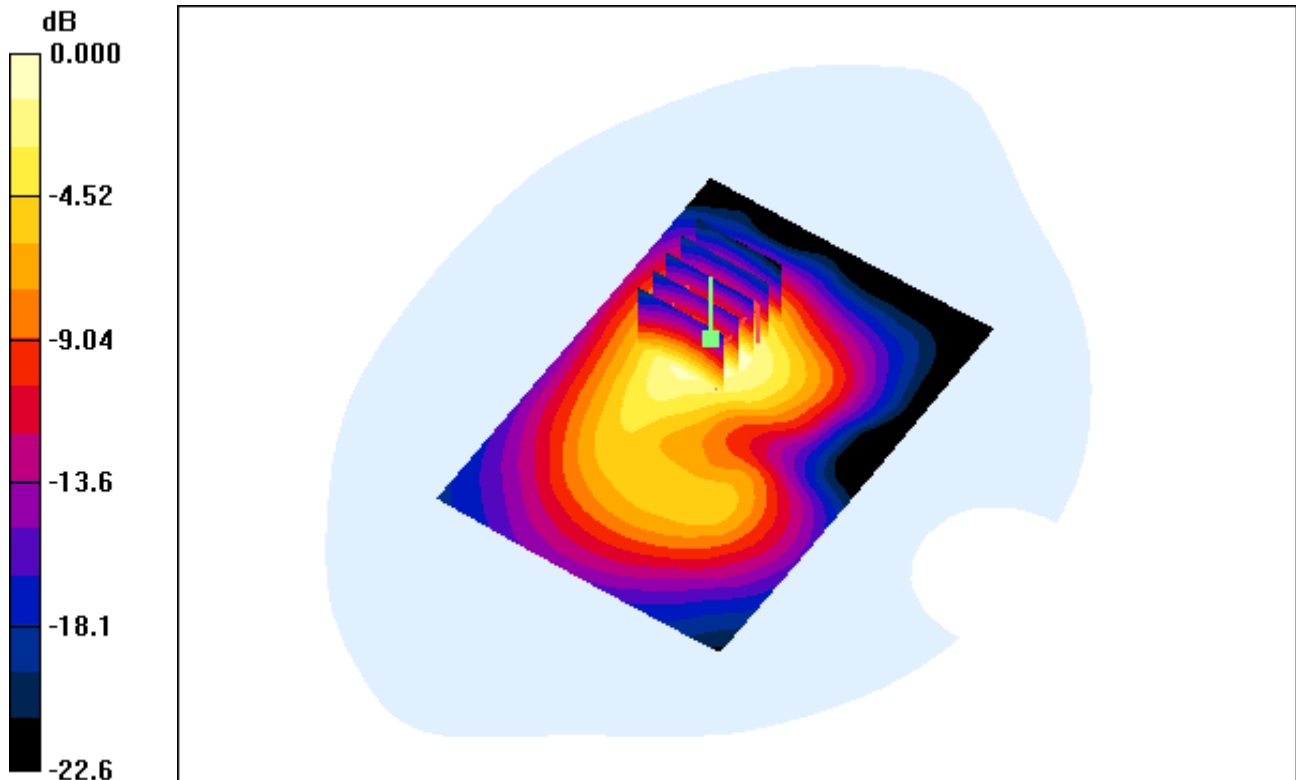
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.078 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.321 mW/g



0 dB = 0.821mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Rear

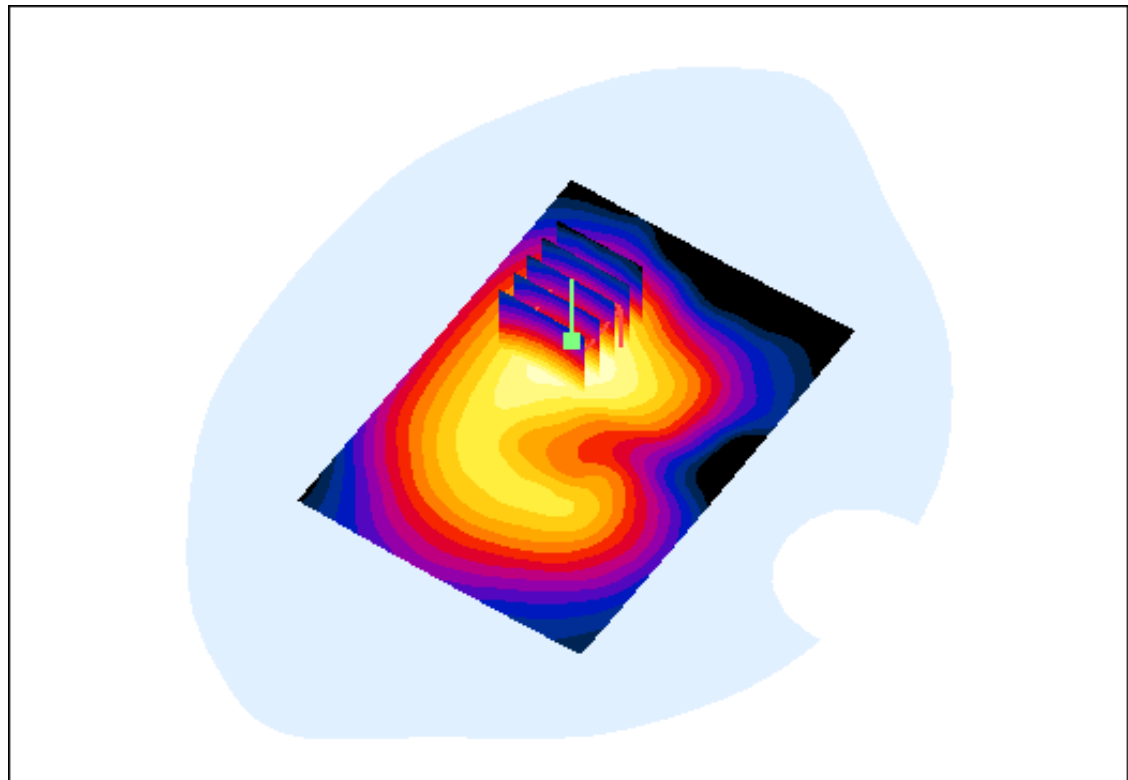
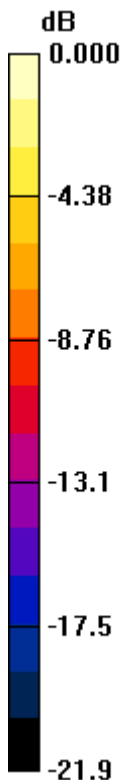
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.245 mW/g



0 dB = 0.621mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2

Medium parameters used (interpolated): $f = 2686.75$ MHz; $\sigma = 2.34$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Rear

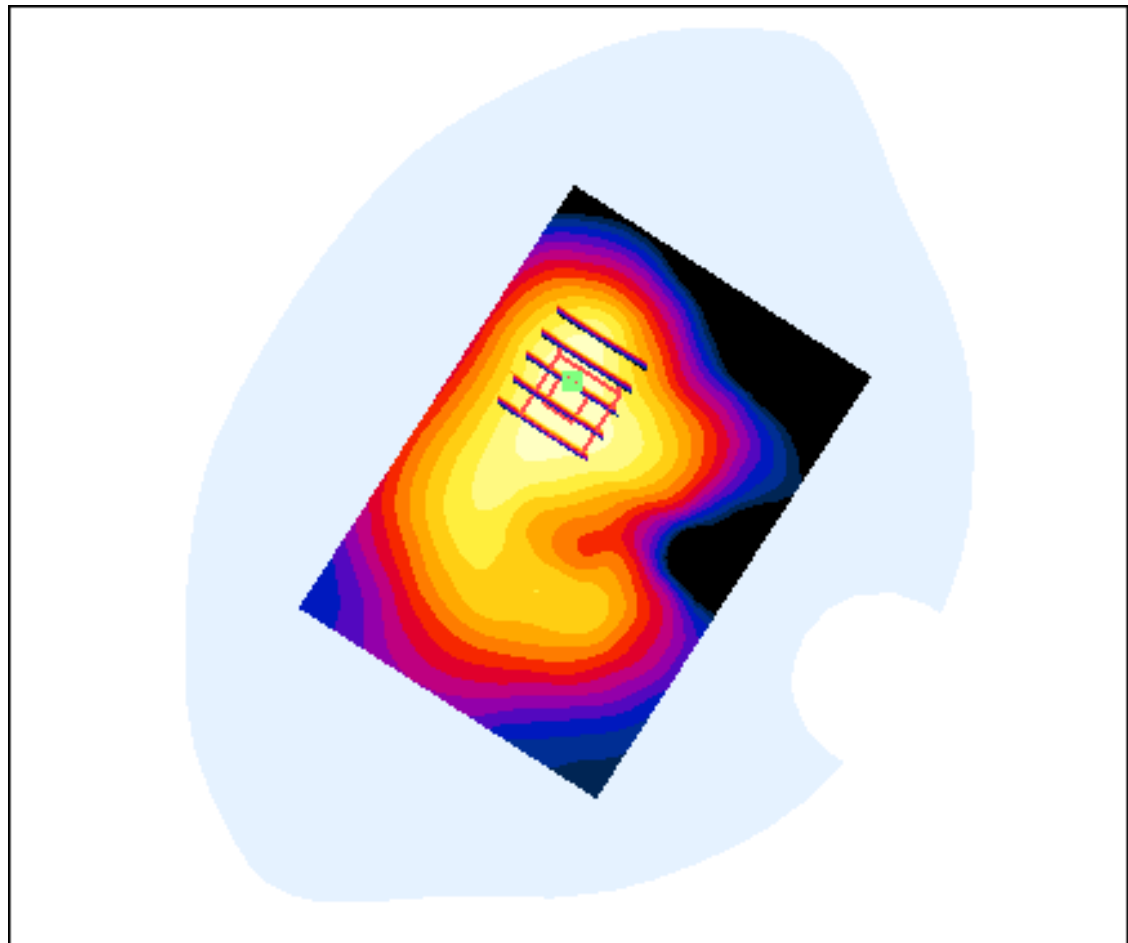
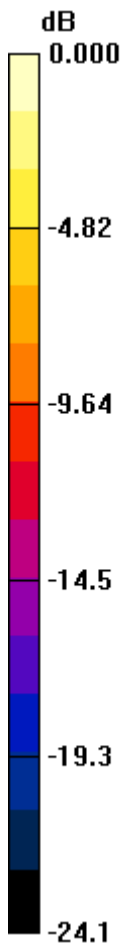
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.016 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.367 mW/g



0 dB = 0.988mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Right

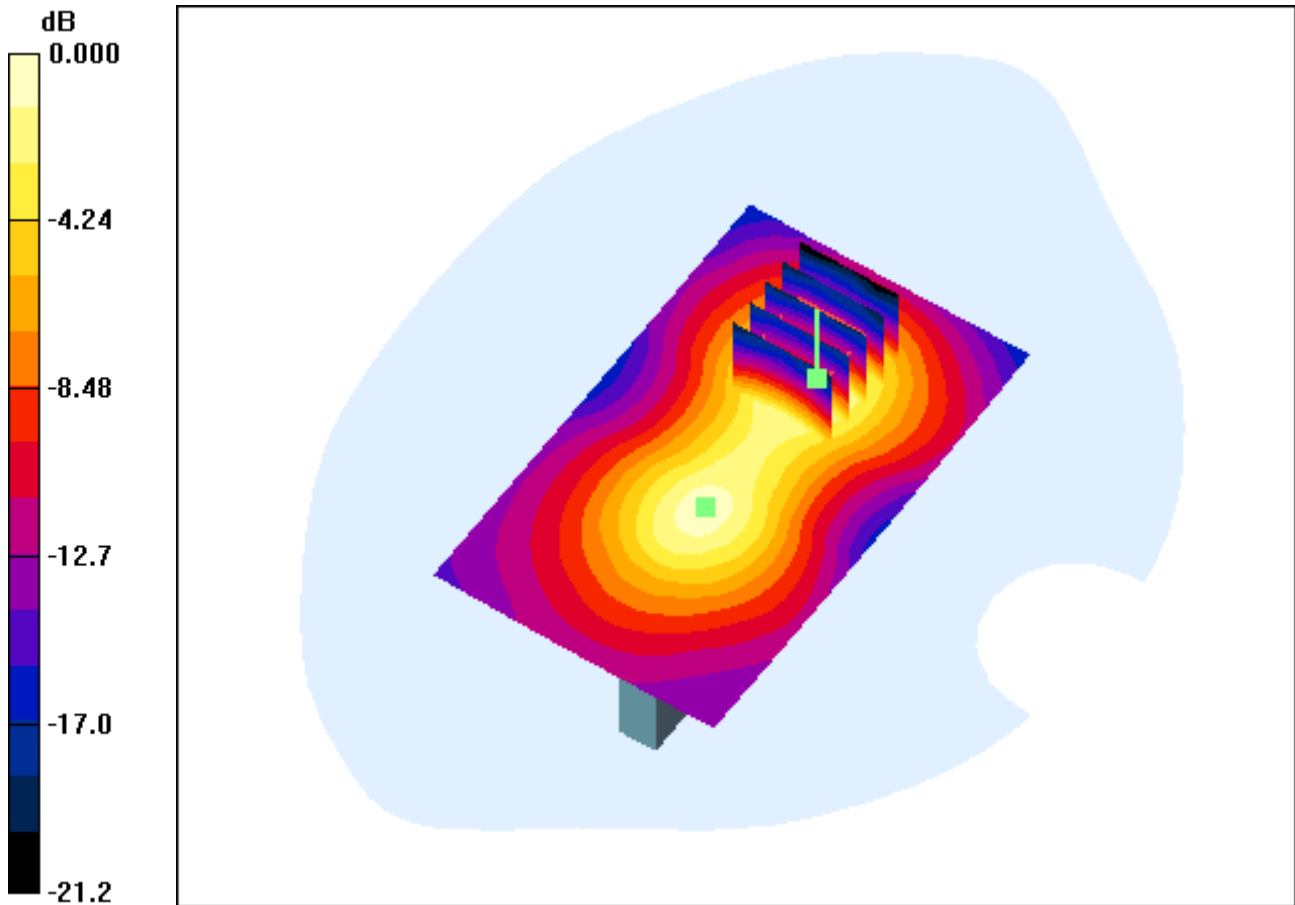
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.199 mW/g



0 dB = 0.545mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Right

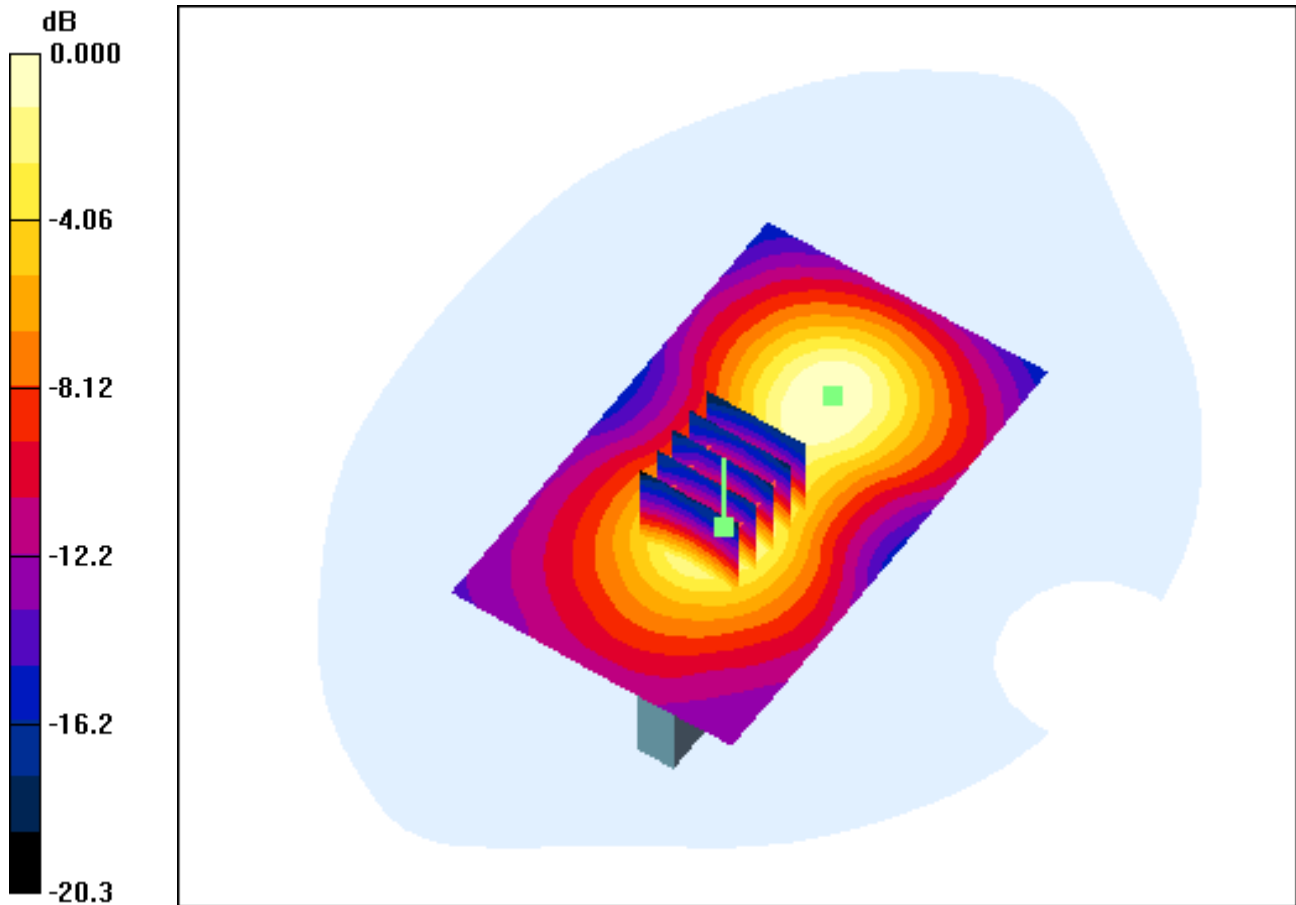
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.175 mW/g



0 dB = 0.466mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.22$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Left

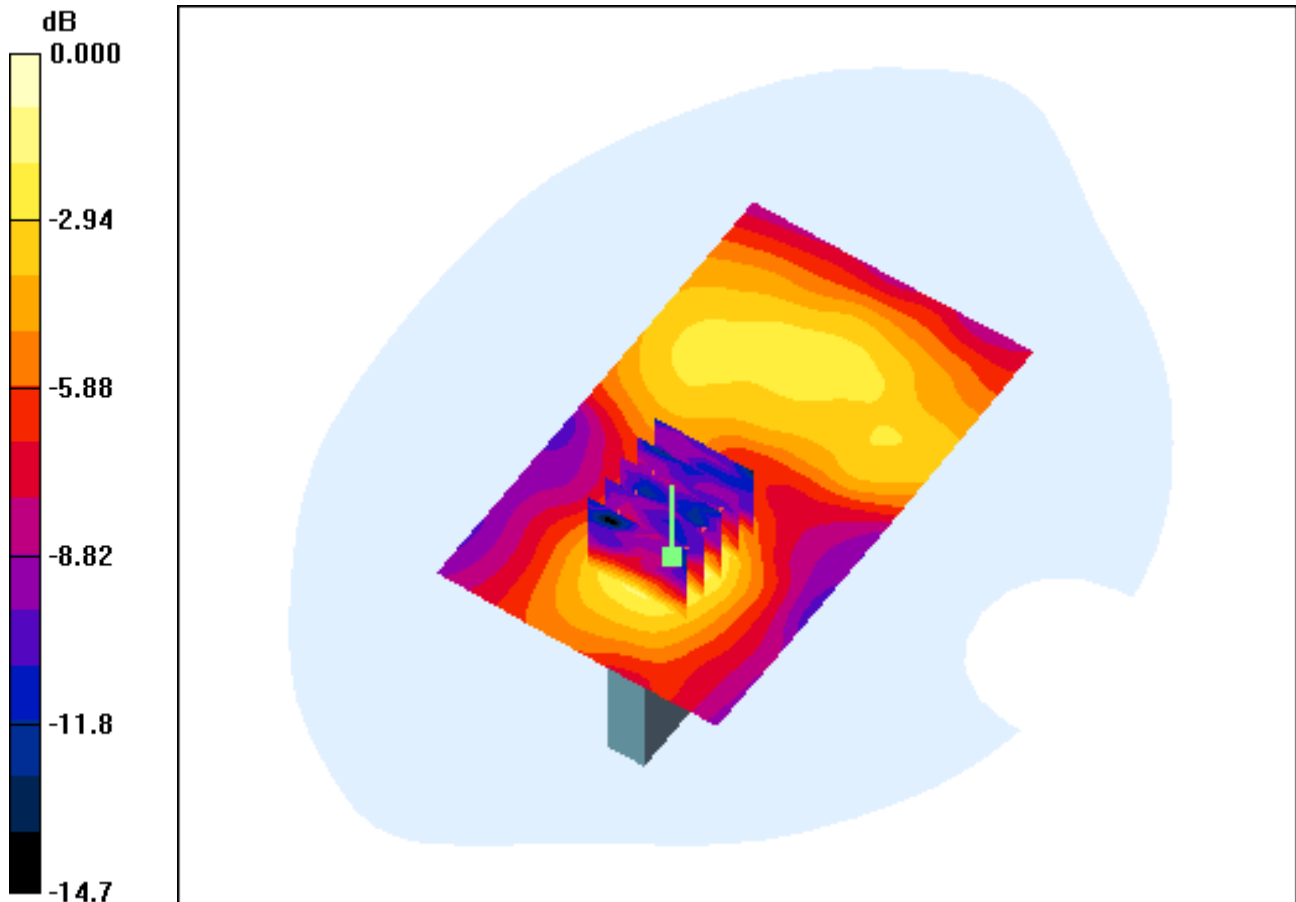
Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g



0 dB = 0.039mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Top

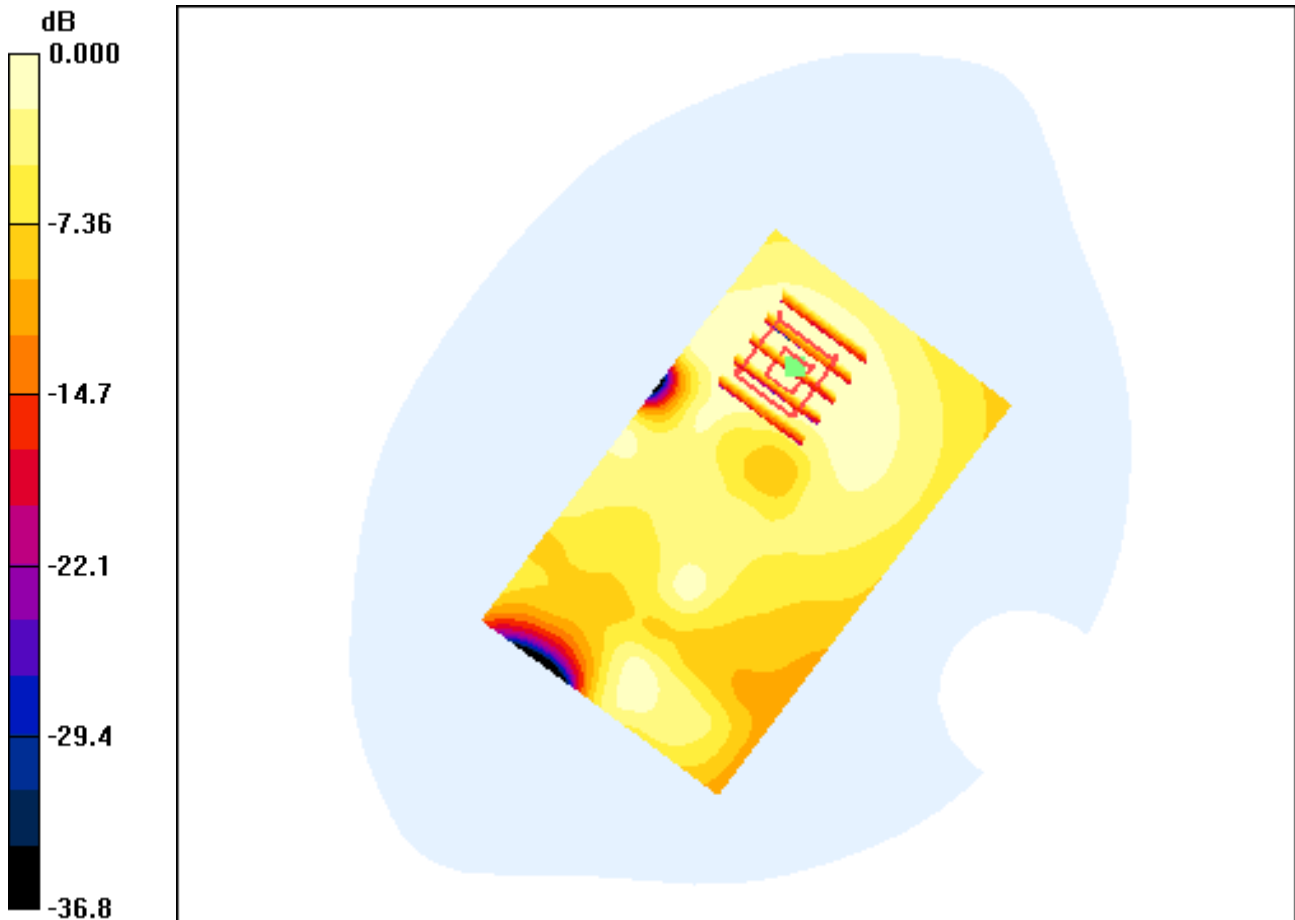
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.035 mW/g



0 dB = 0.087mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Bottom

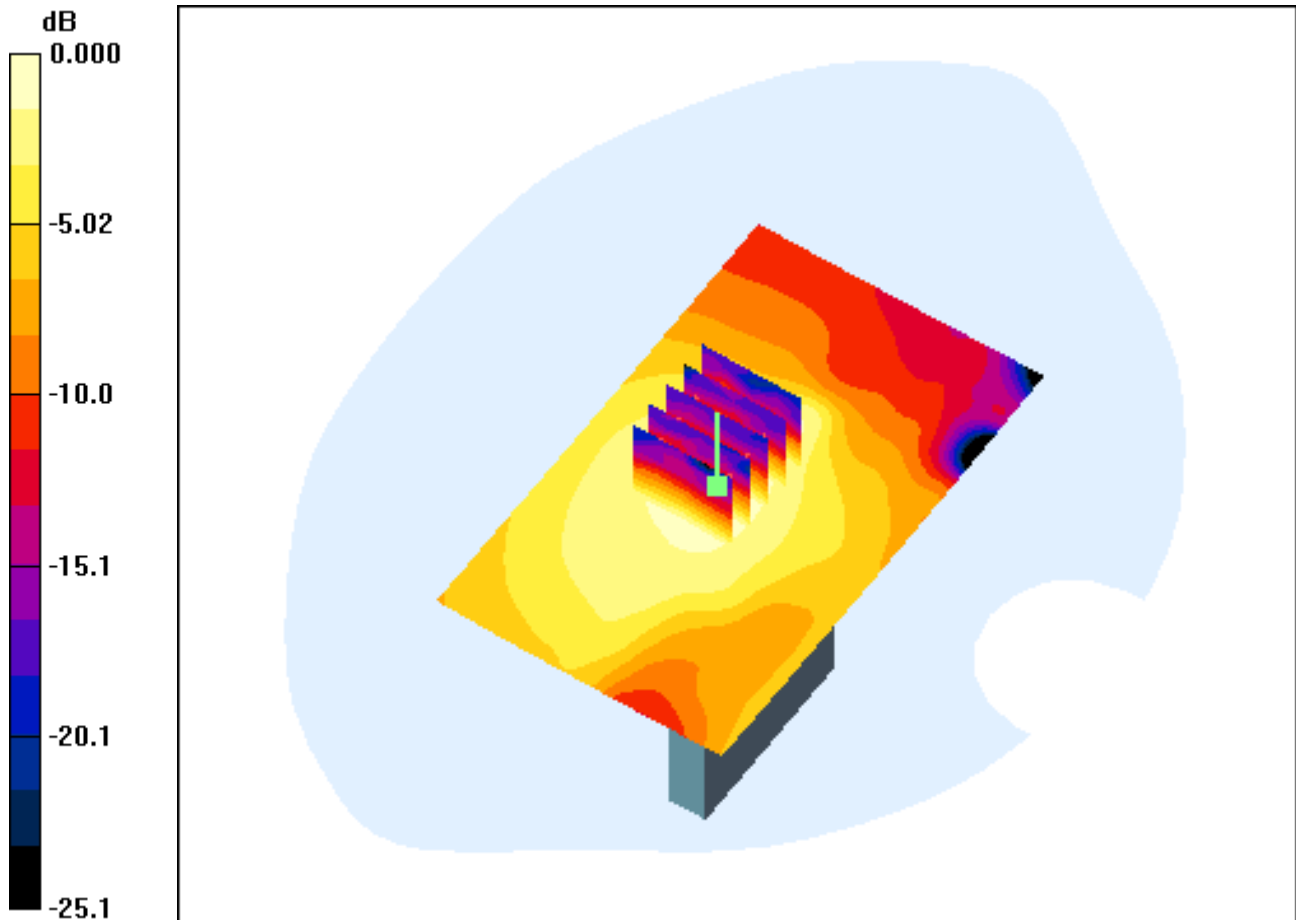
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.045 mW/g



0 dB = 0.119mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Front

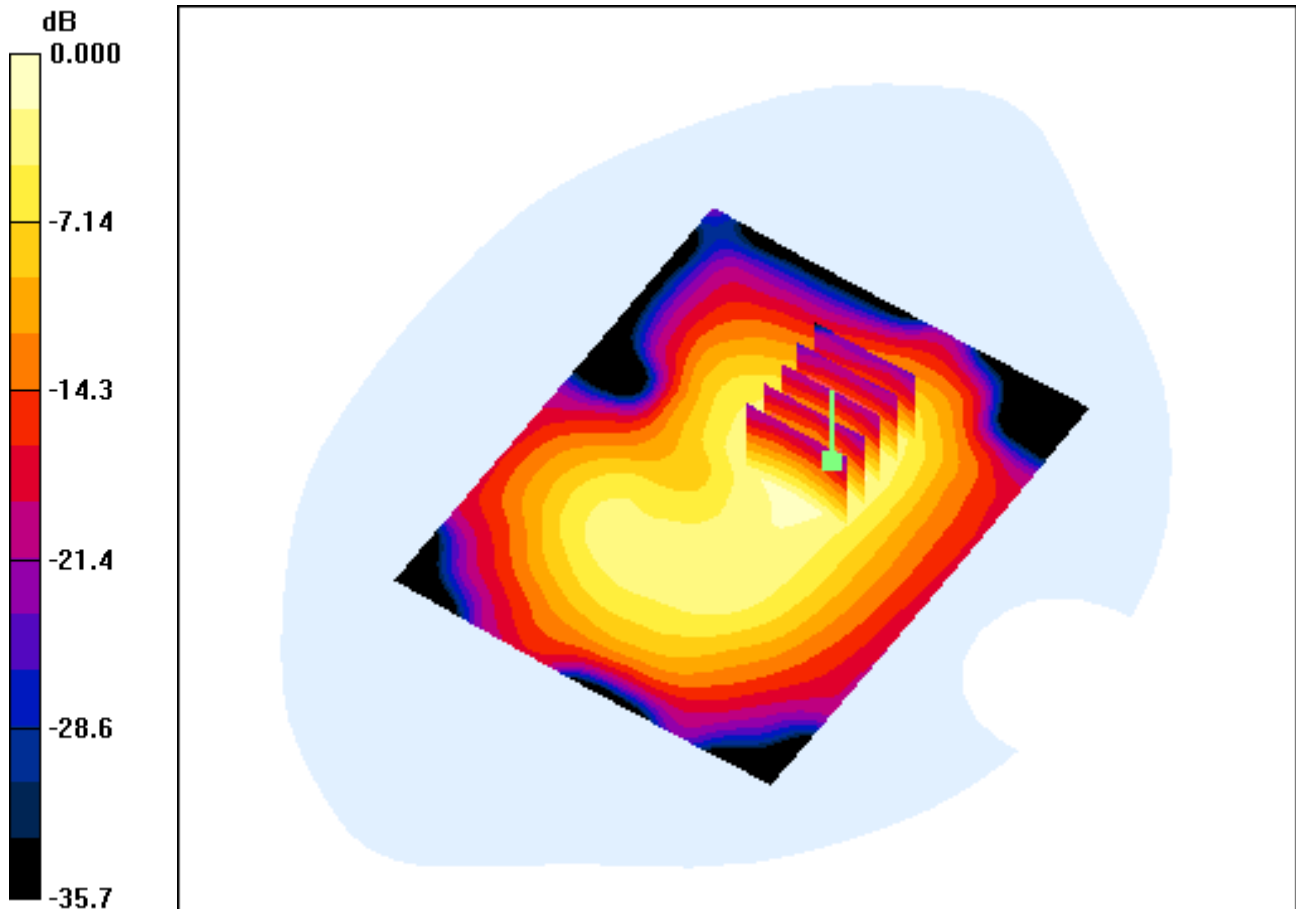
Area Scan (81x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.783 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.177 mW/g



0 dB = 0.494mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.07$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Rear

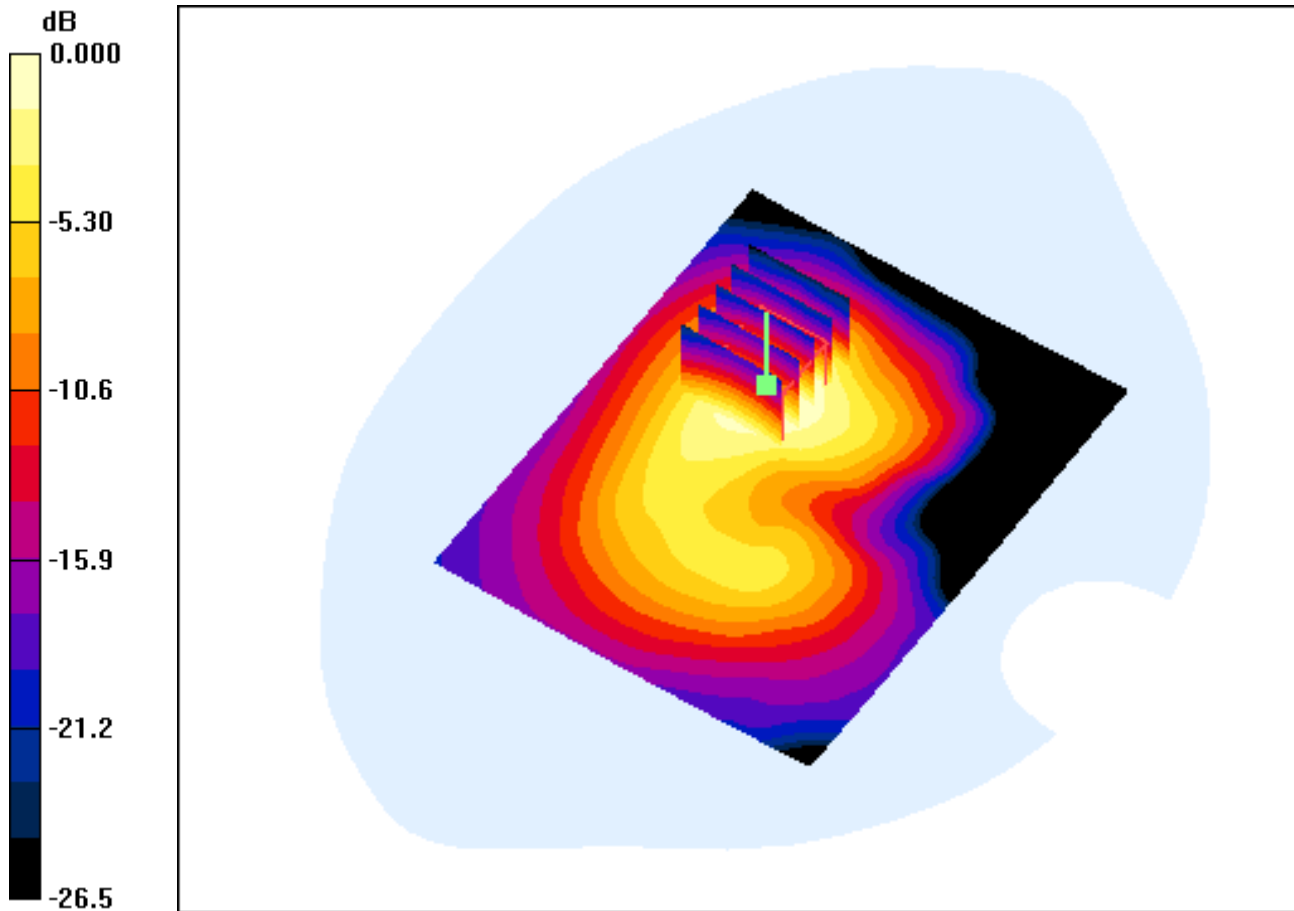
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.110 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.293 mW/g



0 dB = 0.785mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Rear

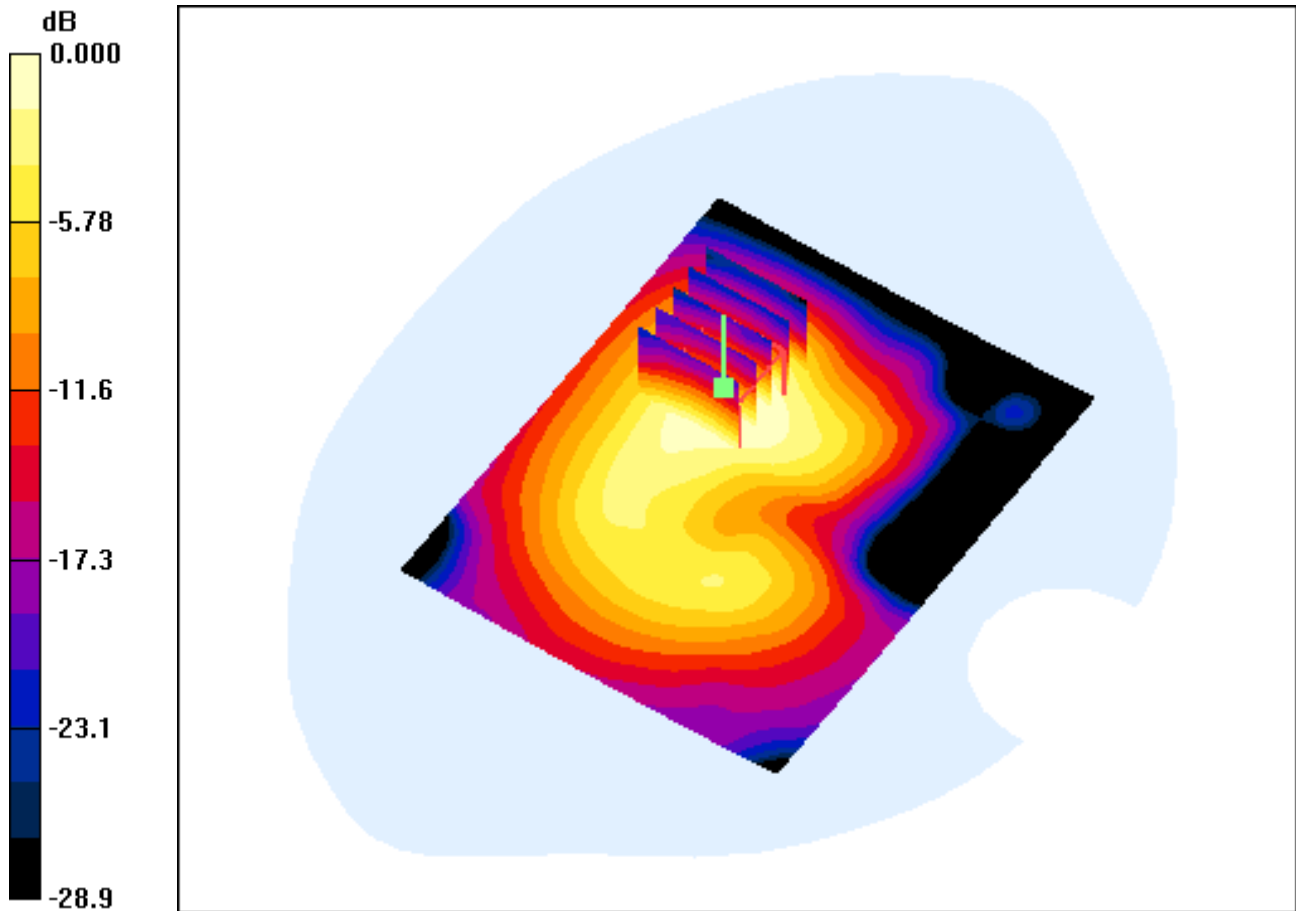
Area Scan (81x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.129 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.242 mW/g



0 dB = 0.639mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2

Medium parameters used (interpolated): $f = 2686.75$ MHz; $\sigma = 2.32$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Rear

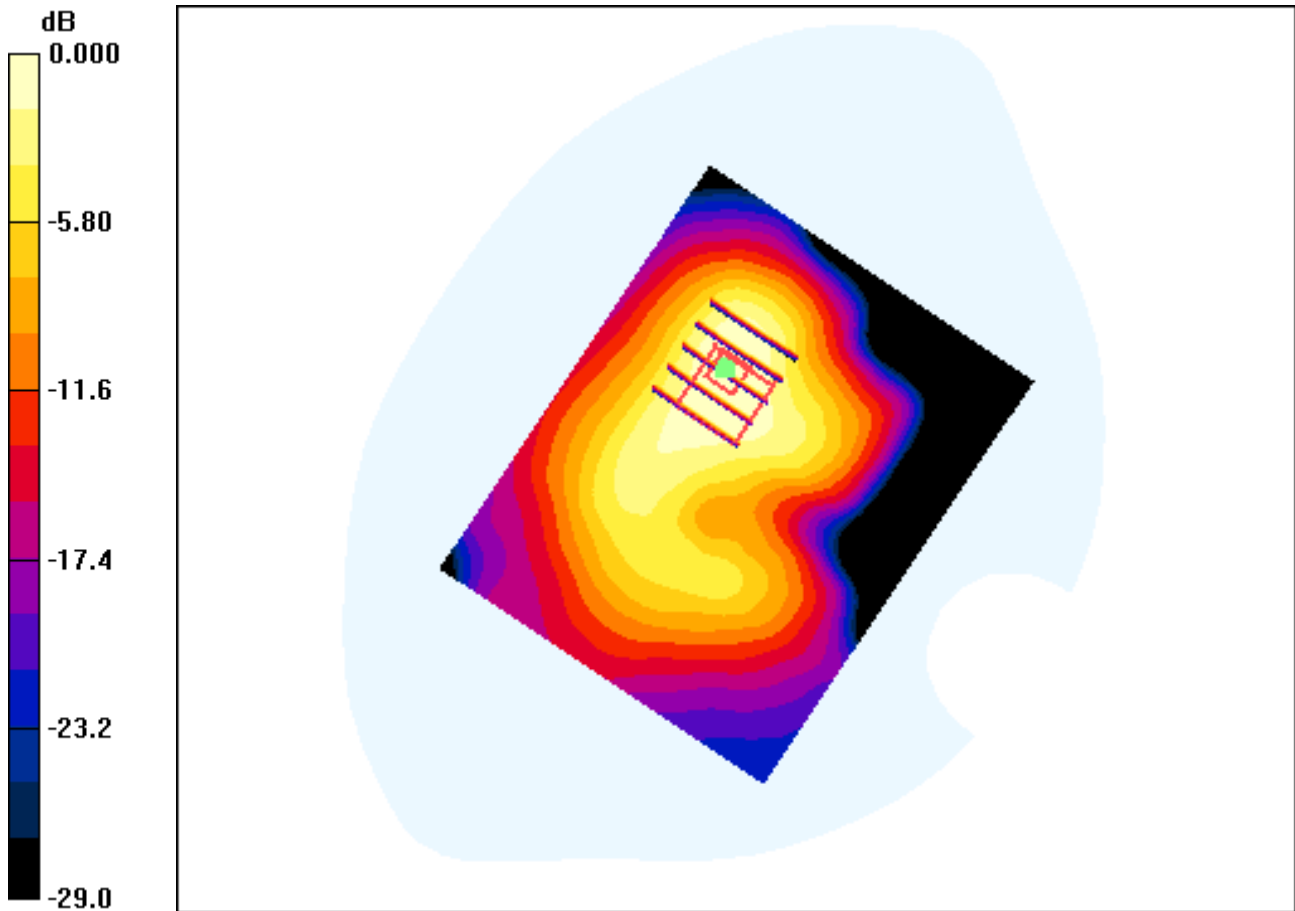
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.340 mW/g



0 dB = 0.942mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Right

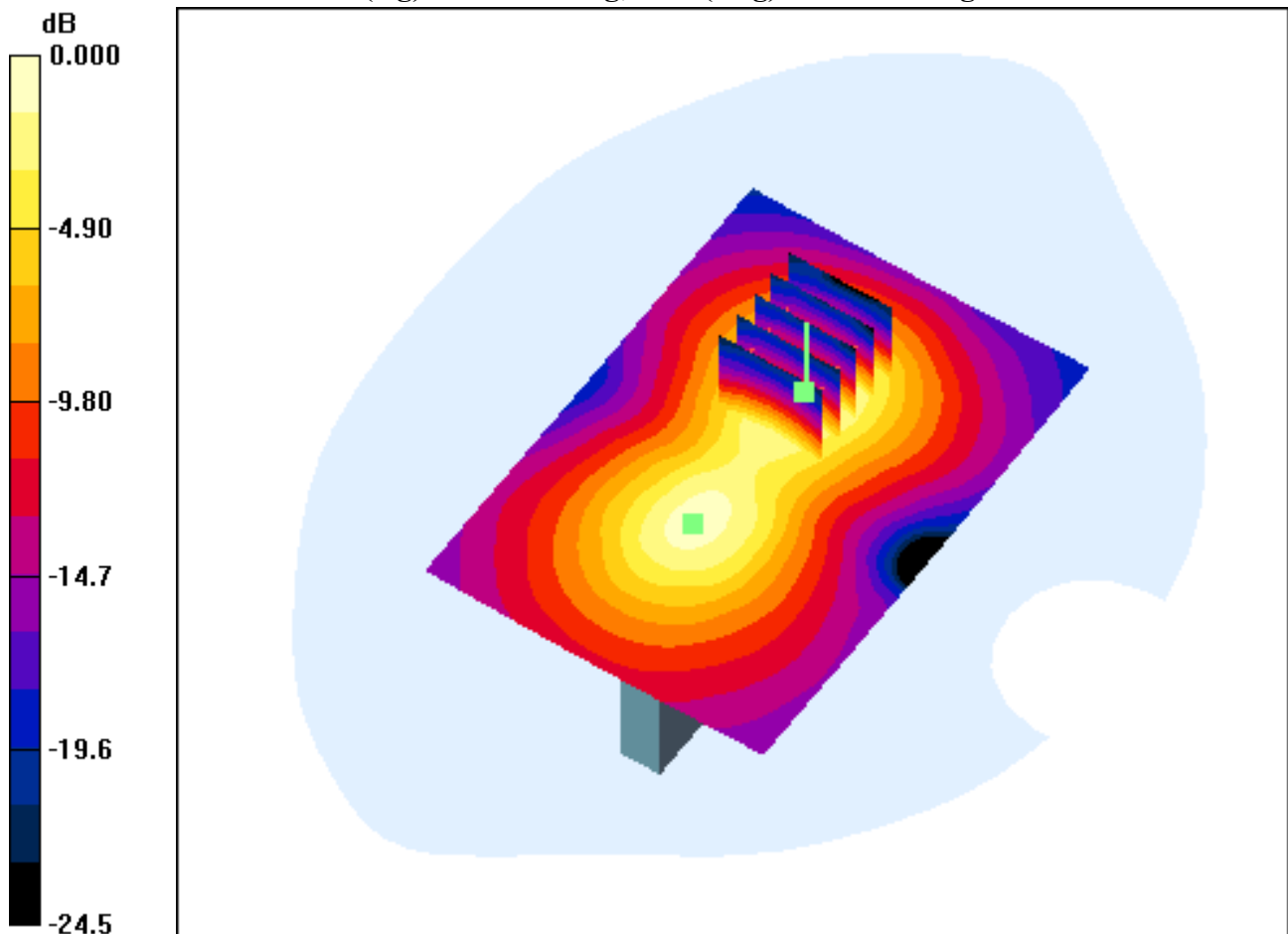
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.910 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.194 mW/g



0 dB = 0.572mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Right

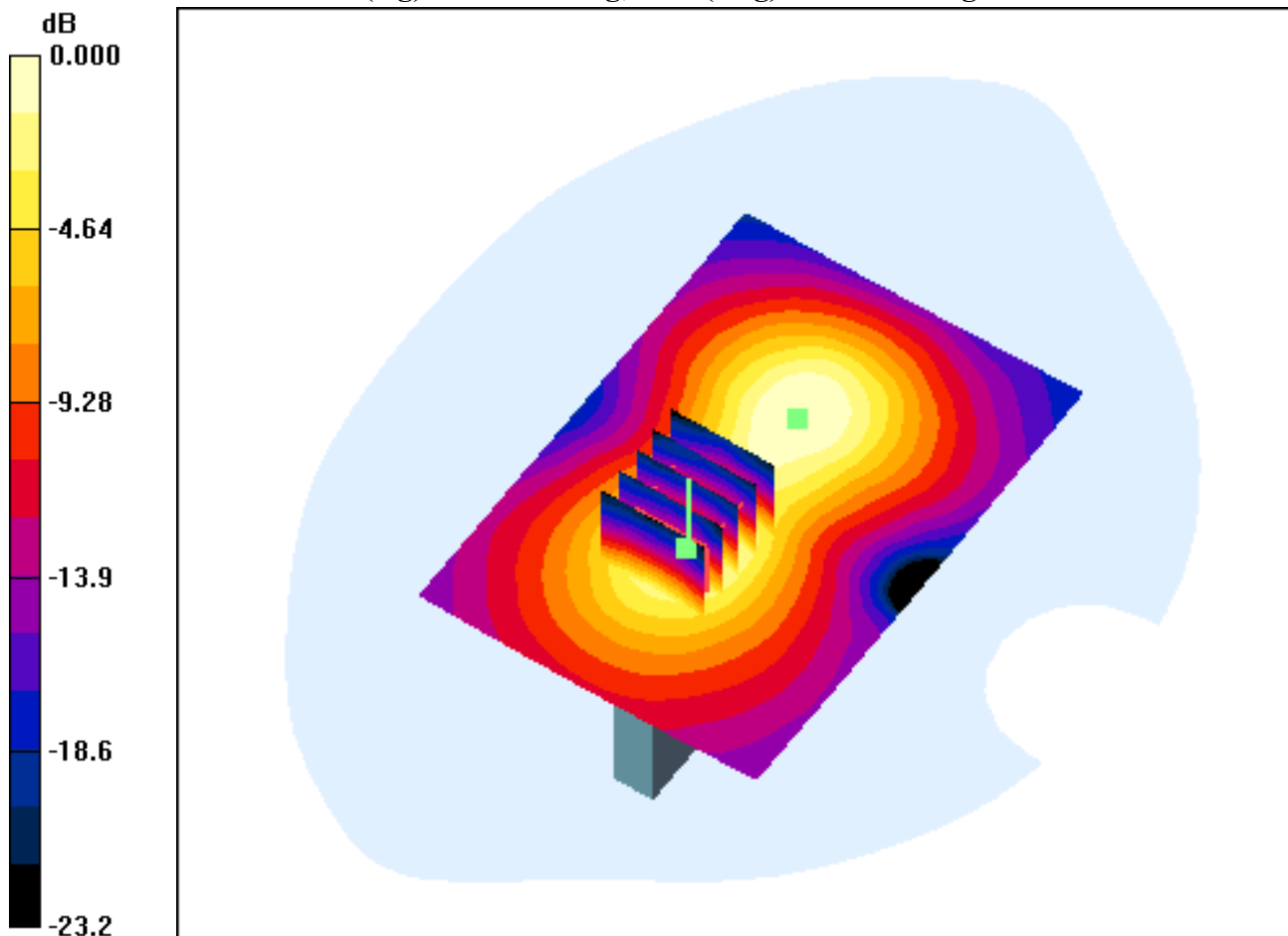
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.169 mW/g



0 dB = 0.480mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Left

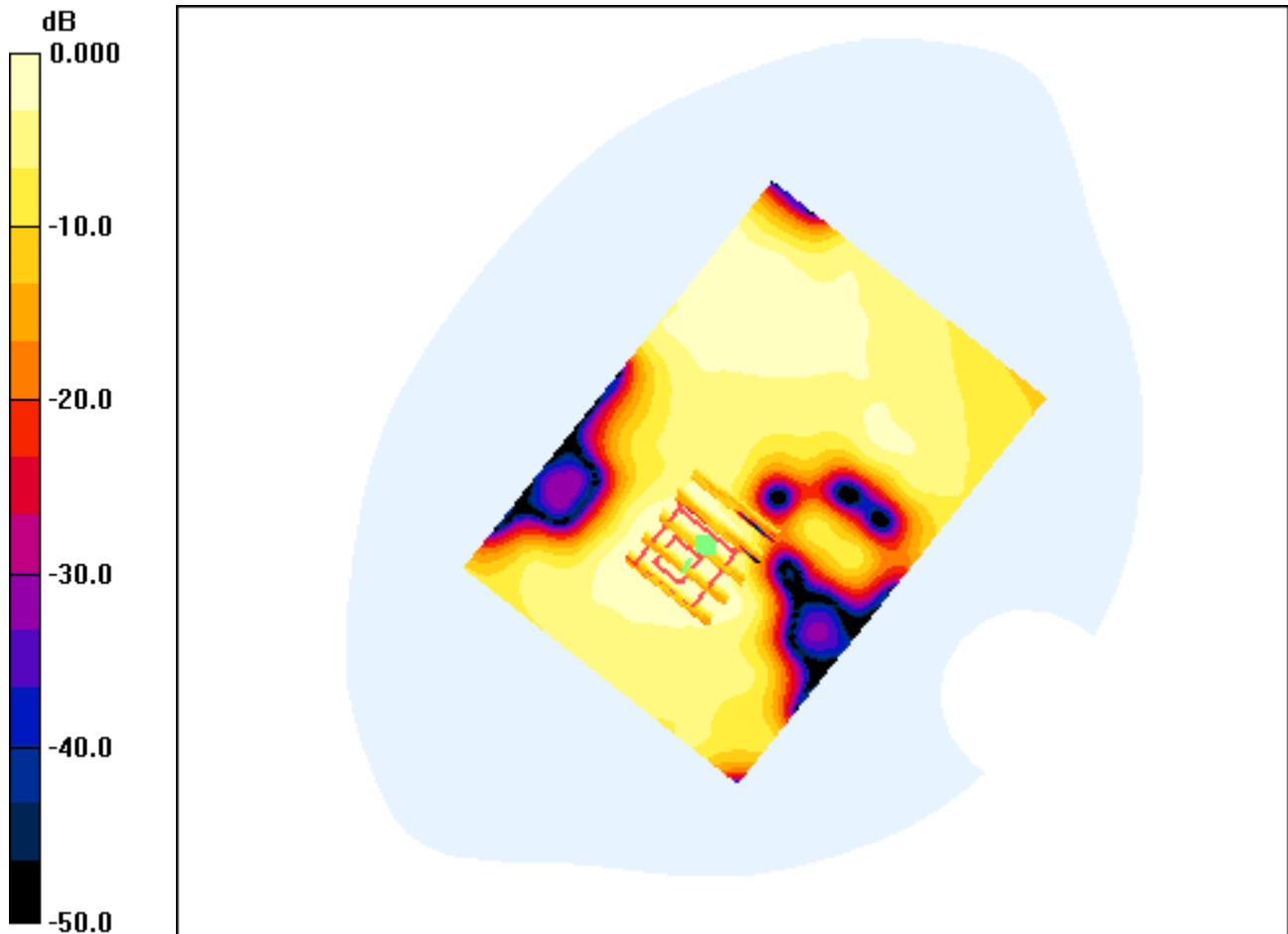
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.127 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00999 mW/g



0 dB = 0.033mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Top

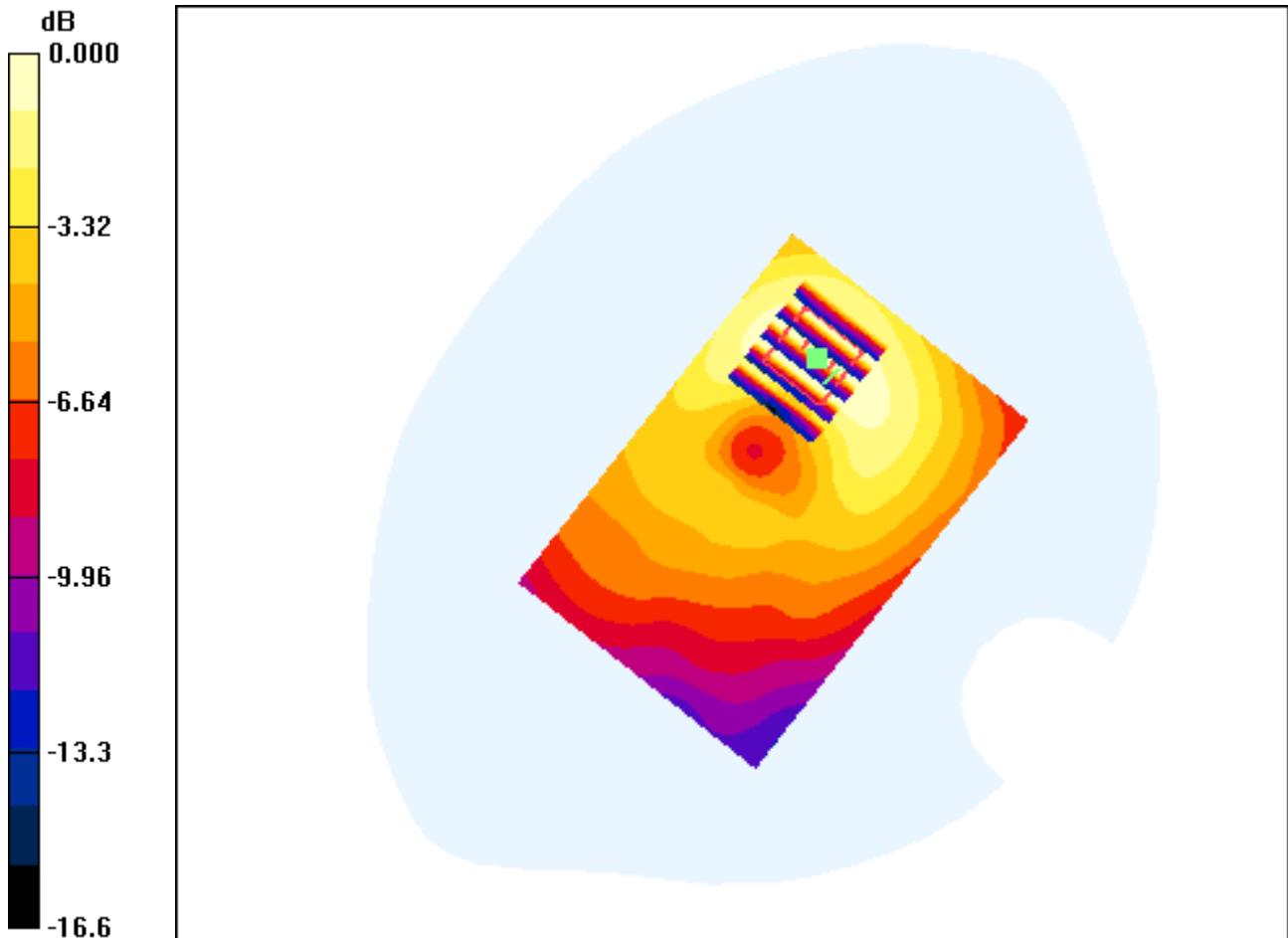
Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.033 mW/g



0 dB = 0.077mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Bottom

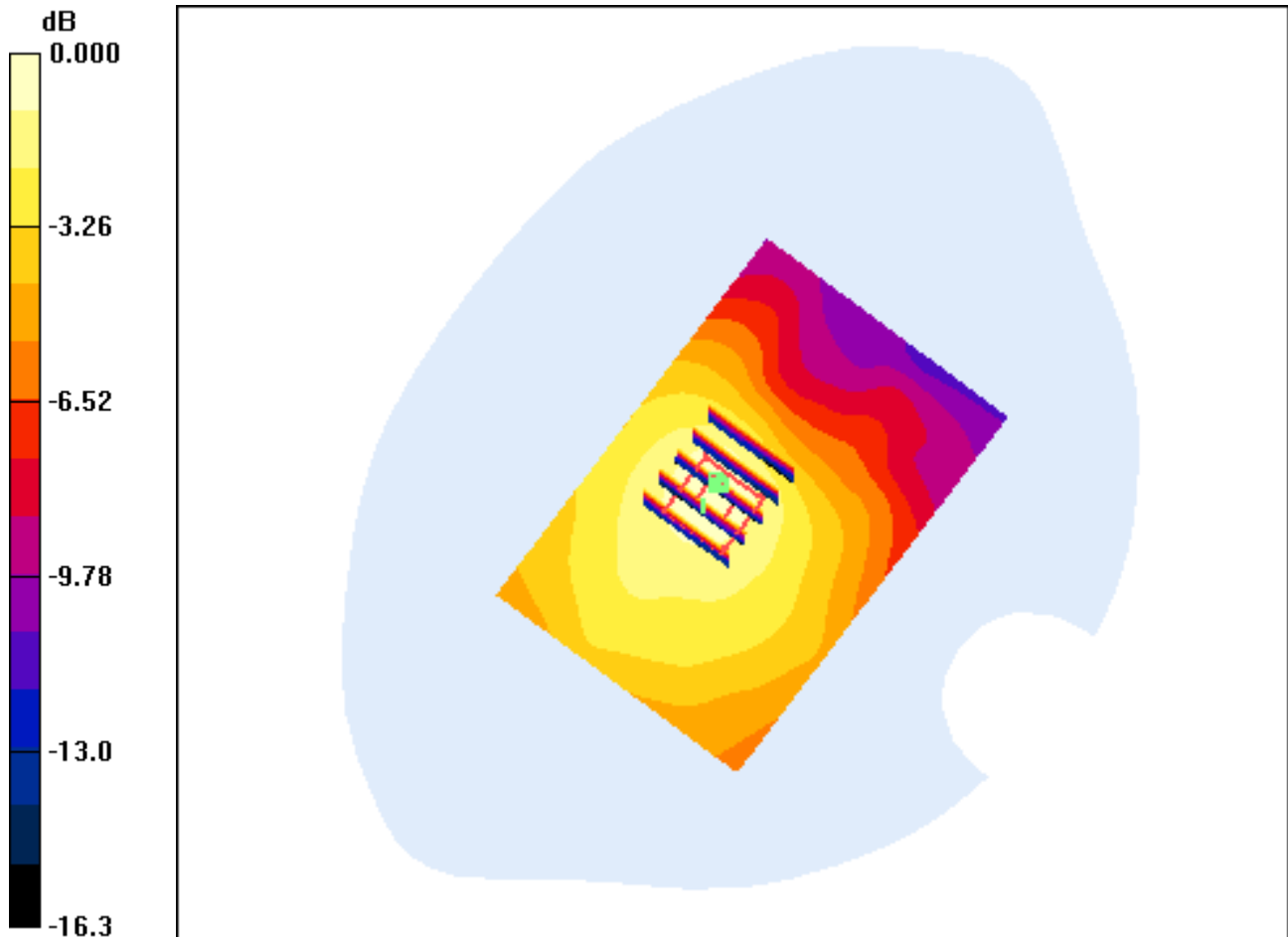
Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.203 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.039 mW/g



0 dB = 0.094mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Front

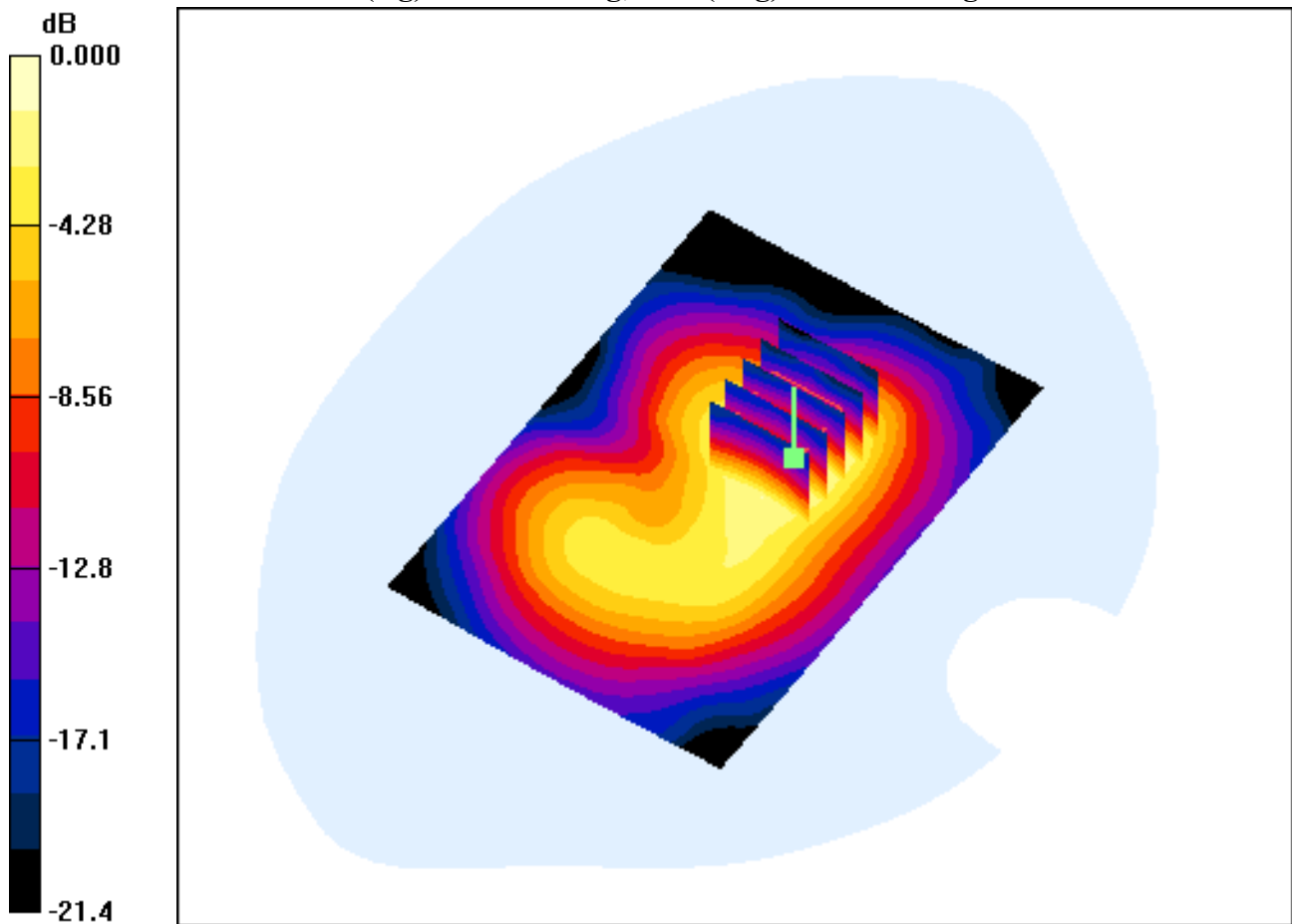
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.702 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.178 mW/g



0 dB = 0.467mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5 \text{ MHz}$; $\sigma = 2.07 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Rear

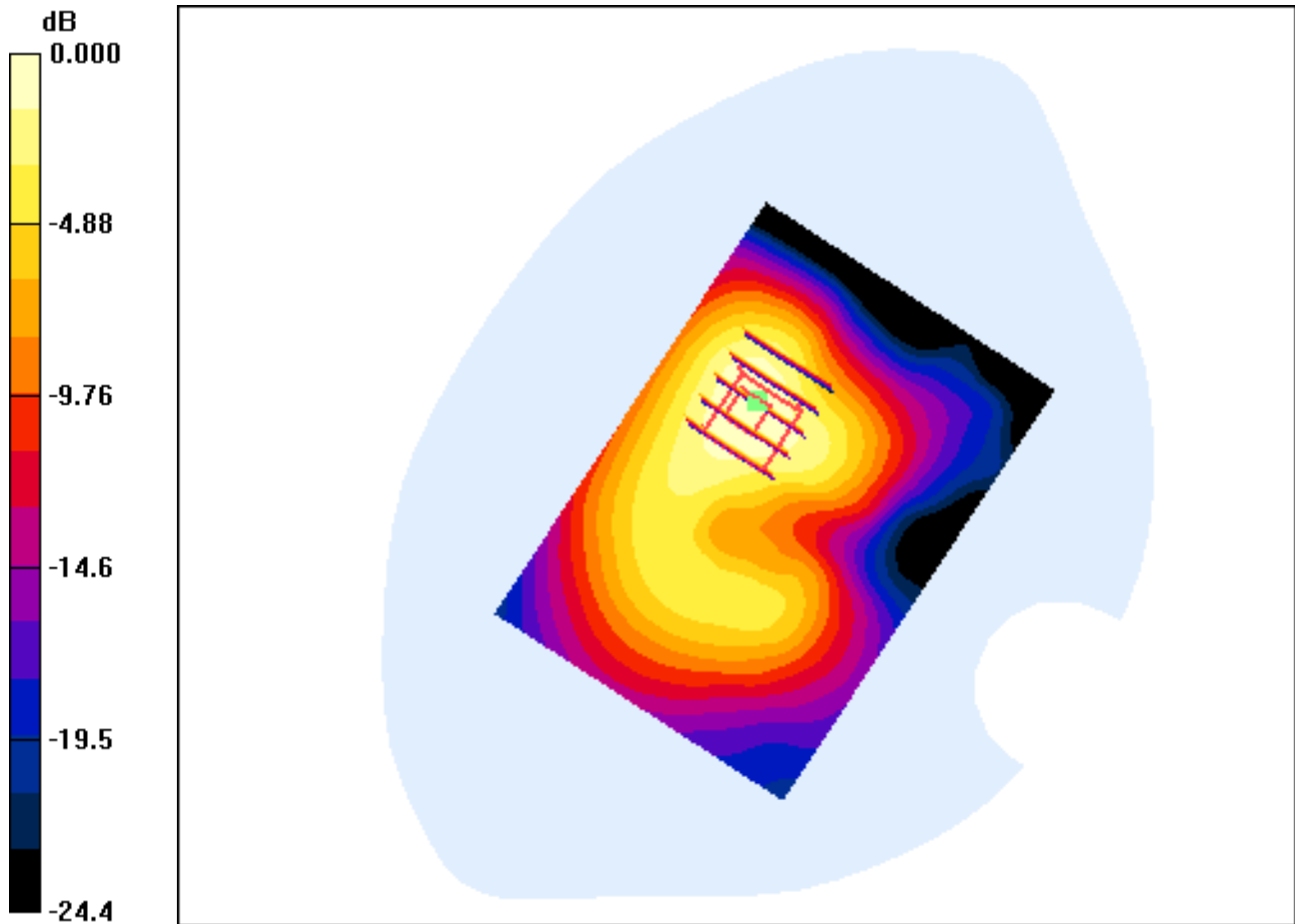
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.763 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.201 mW/g



0 dB = 0.498mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Rear

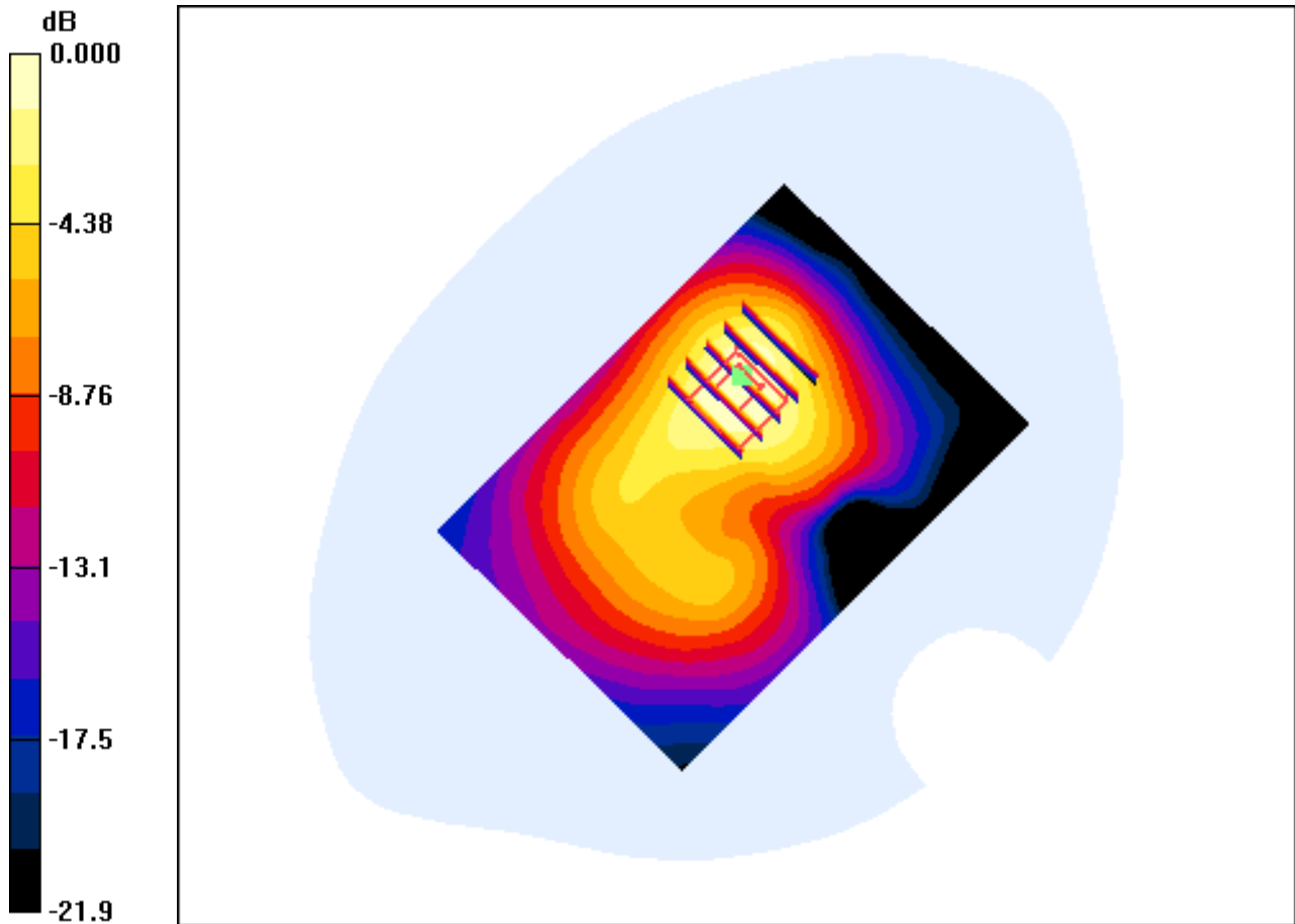
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.246 mW/g



0 dB = 0.619mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2

Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.3$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Rear

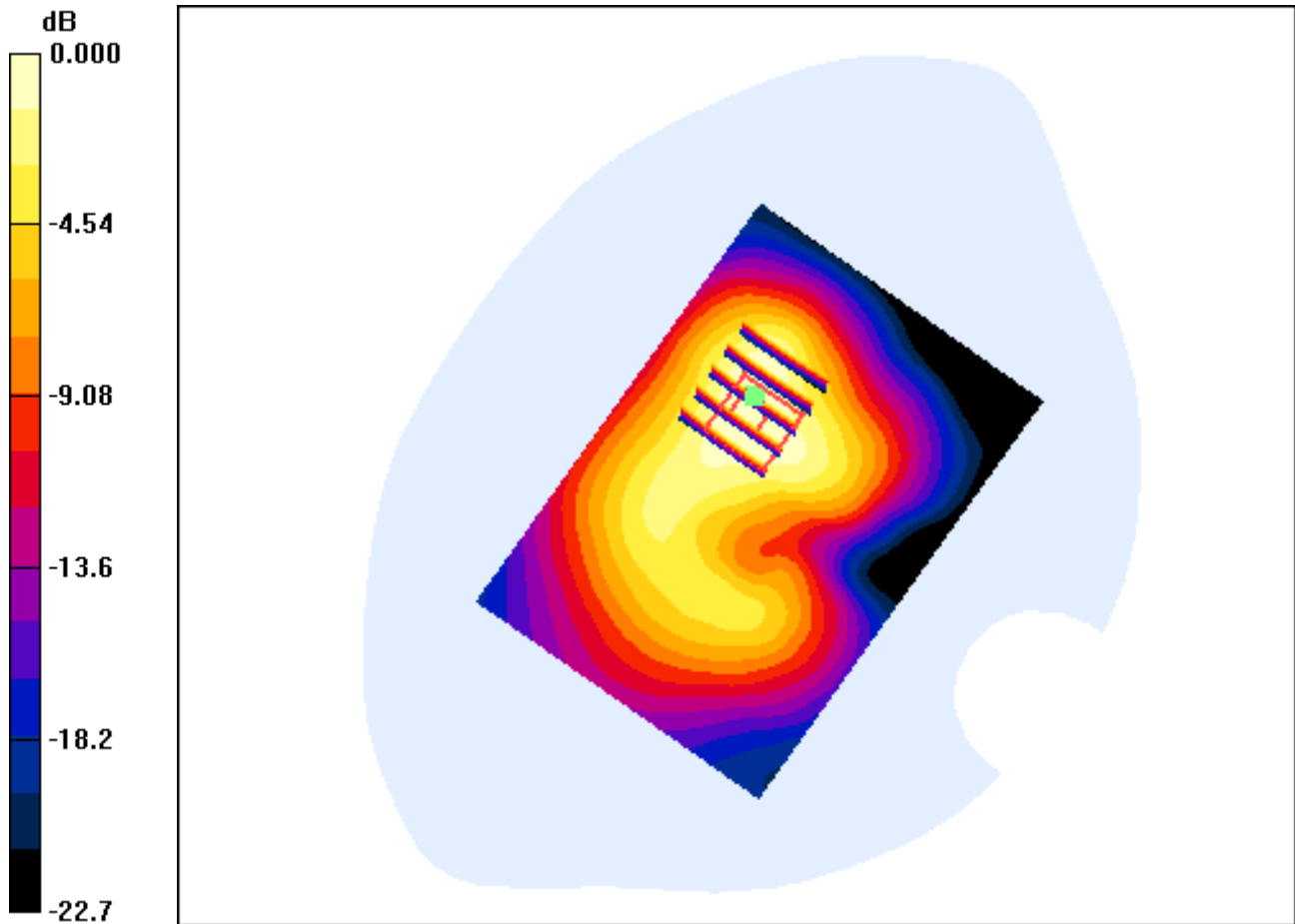
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.086 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.289 mW/g



0 dB = 0.736mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Right

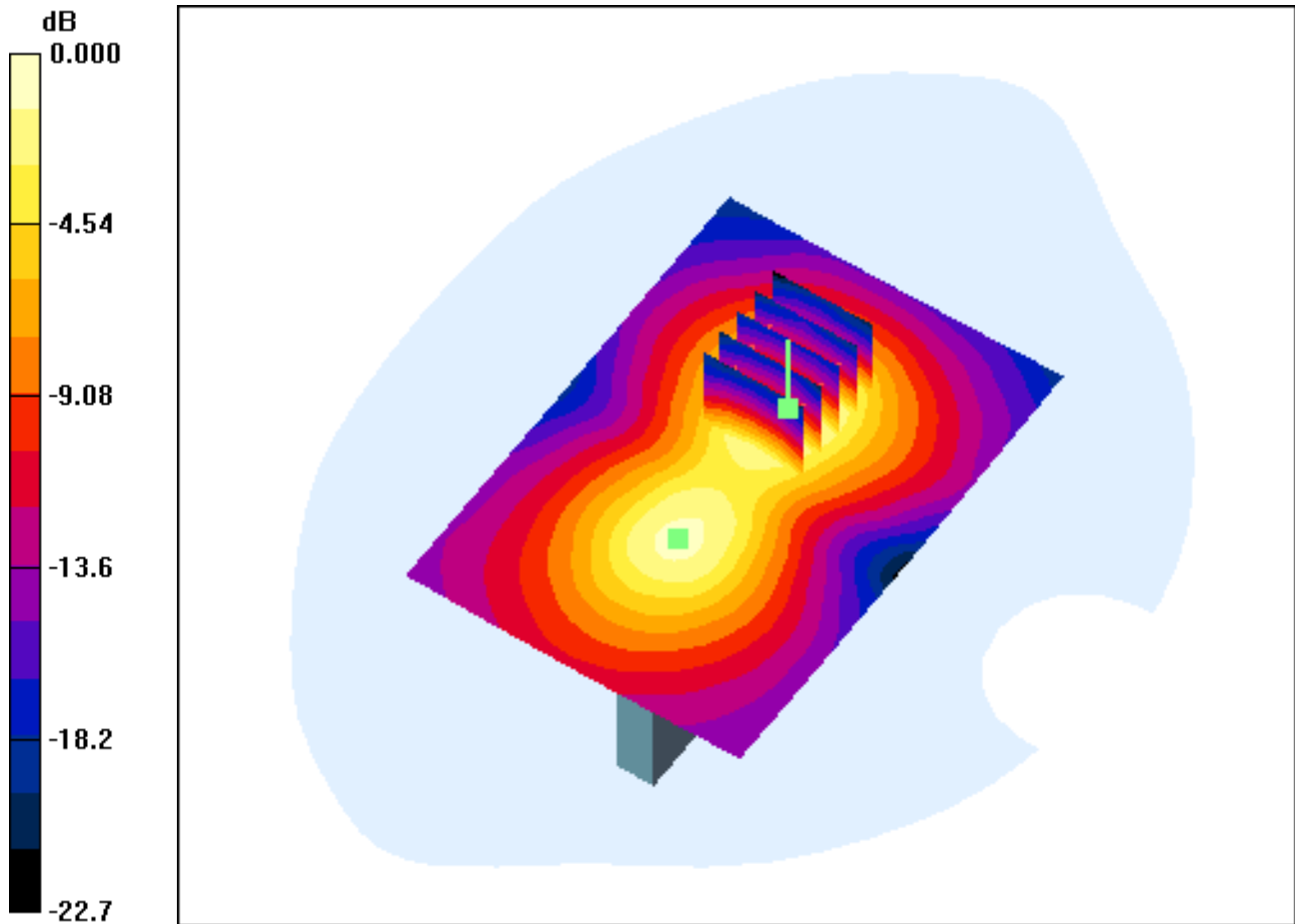
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.188 dB

Peak SAR (extrapolated) = 0.827 W/kg

SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.193 mW/g



0 dB = 0.543mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Right

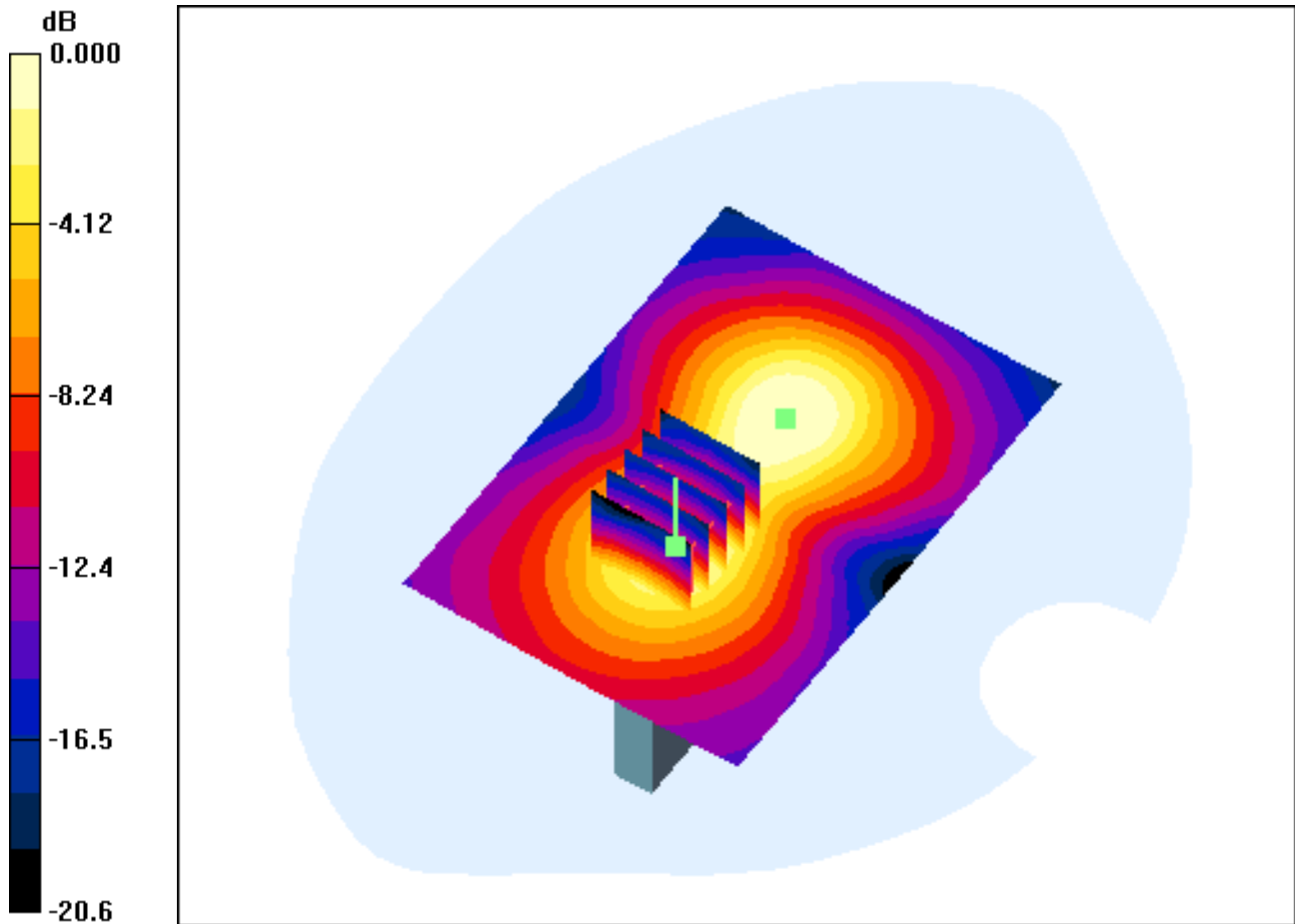
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.188 dB

Peak SAR (extrapolated) = 0.661 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.164 mW/g



0 dB = 0.444mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Left

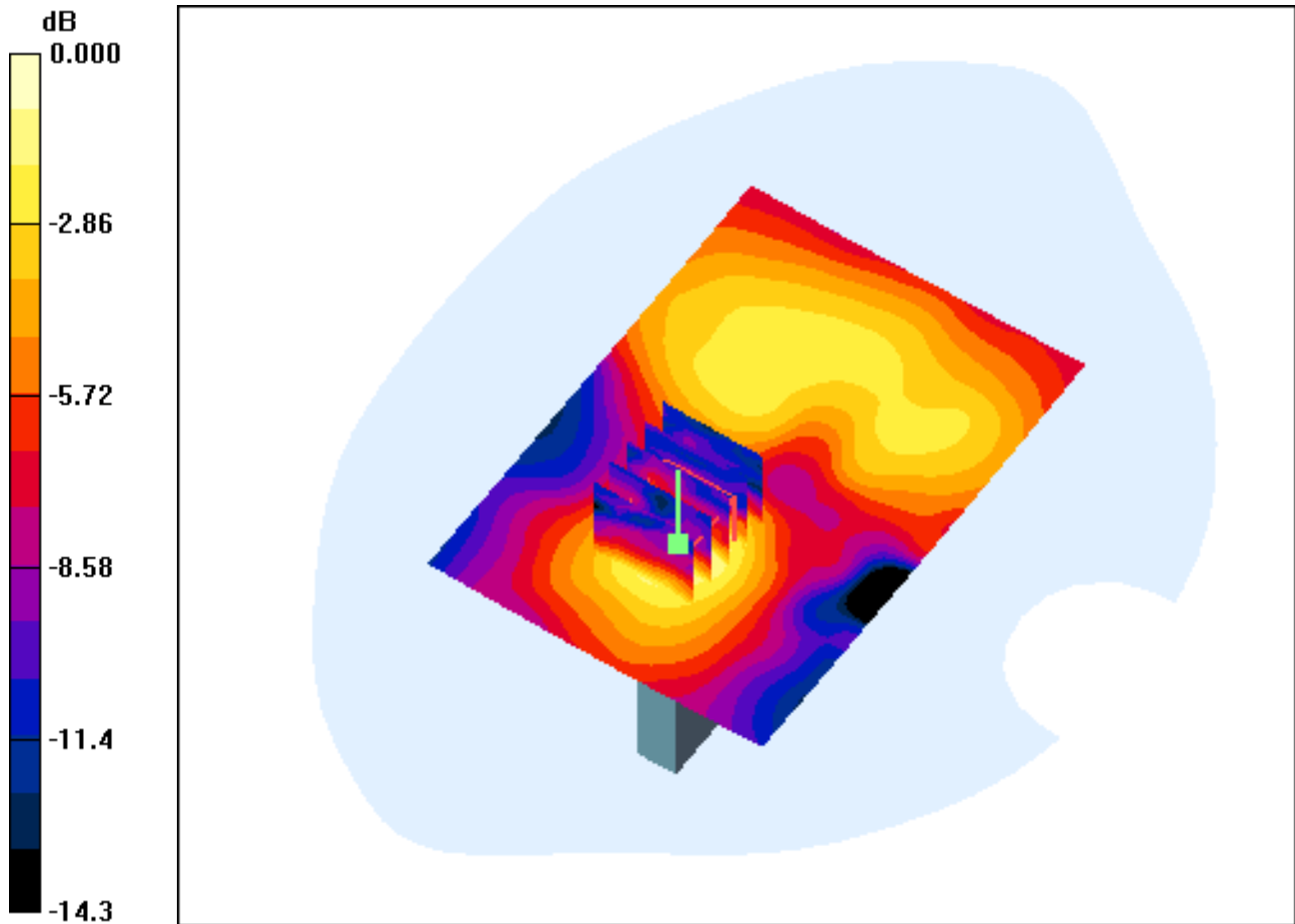
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.016 mW/g



0 dB = 0.037mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Top

Area Scan (61x101x1): Measurement 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 = 0.120 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.036 mW/g



0 dB = 0.093mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Bottom

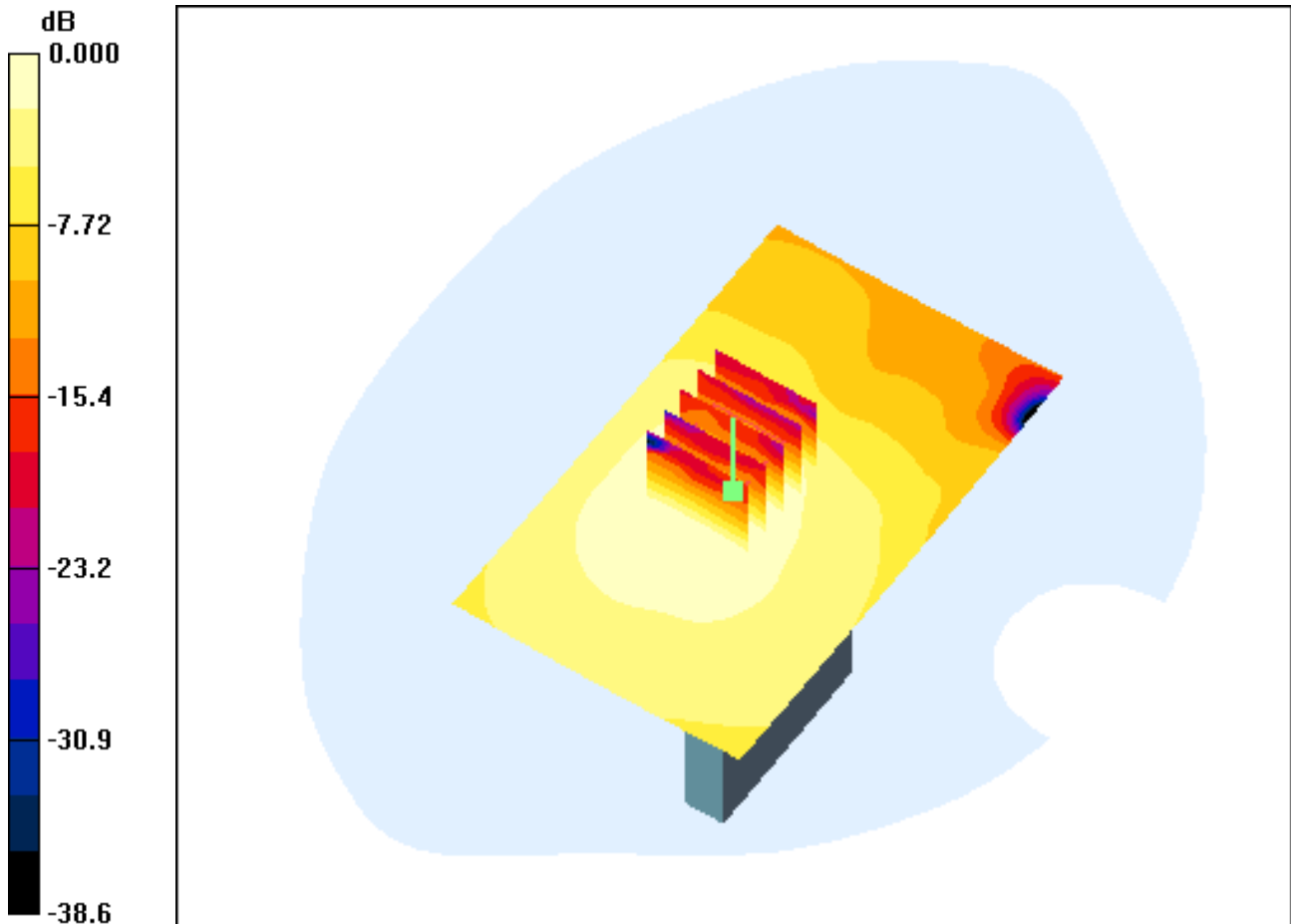
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.189 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.039 mW/g



0 dB = 0.103mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Front

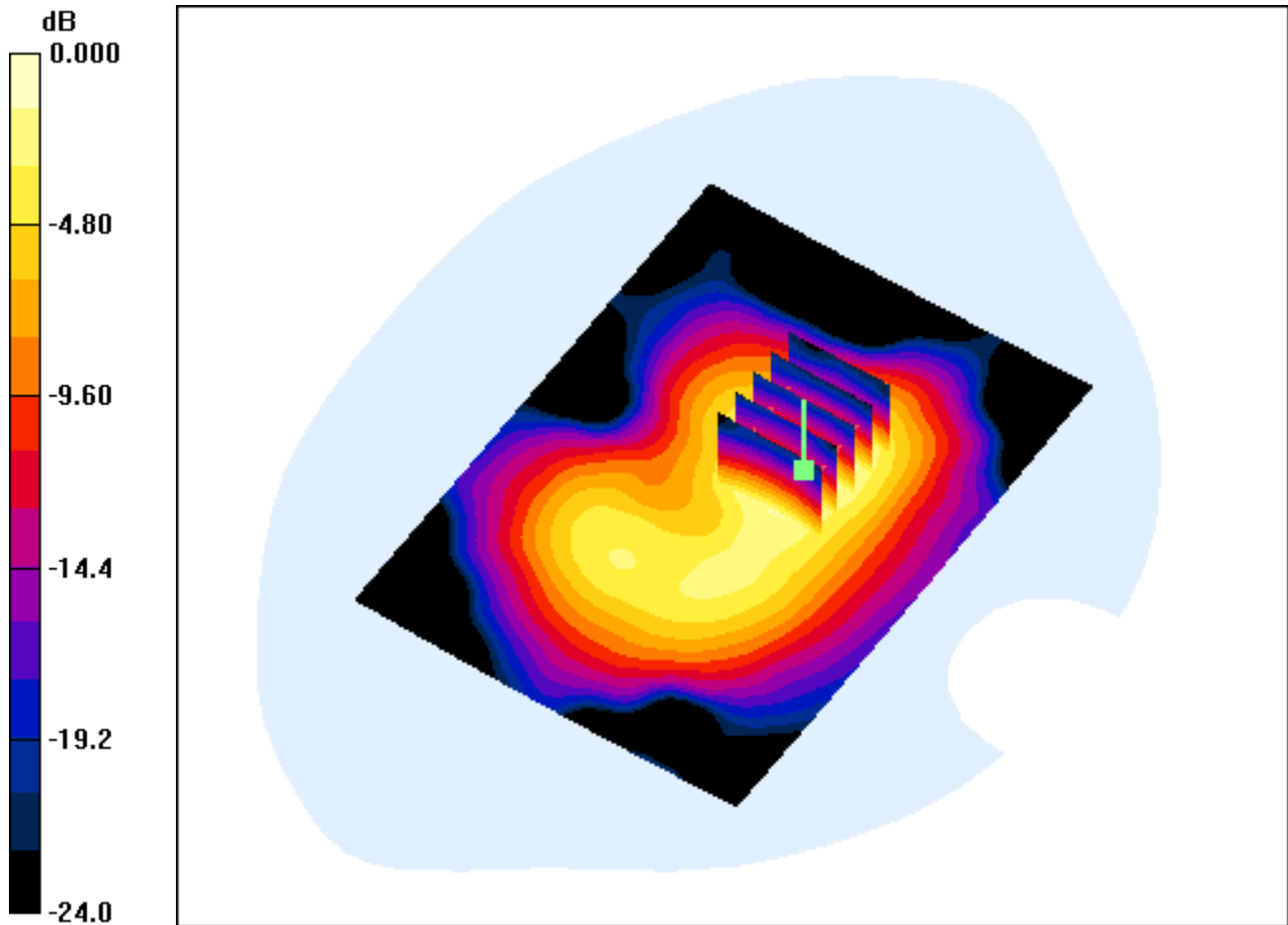
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.180 mW/g



0 dB = 0.498mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WiMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5 \text{ MHz}$; $\sigma = 2.08 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Rear

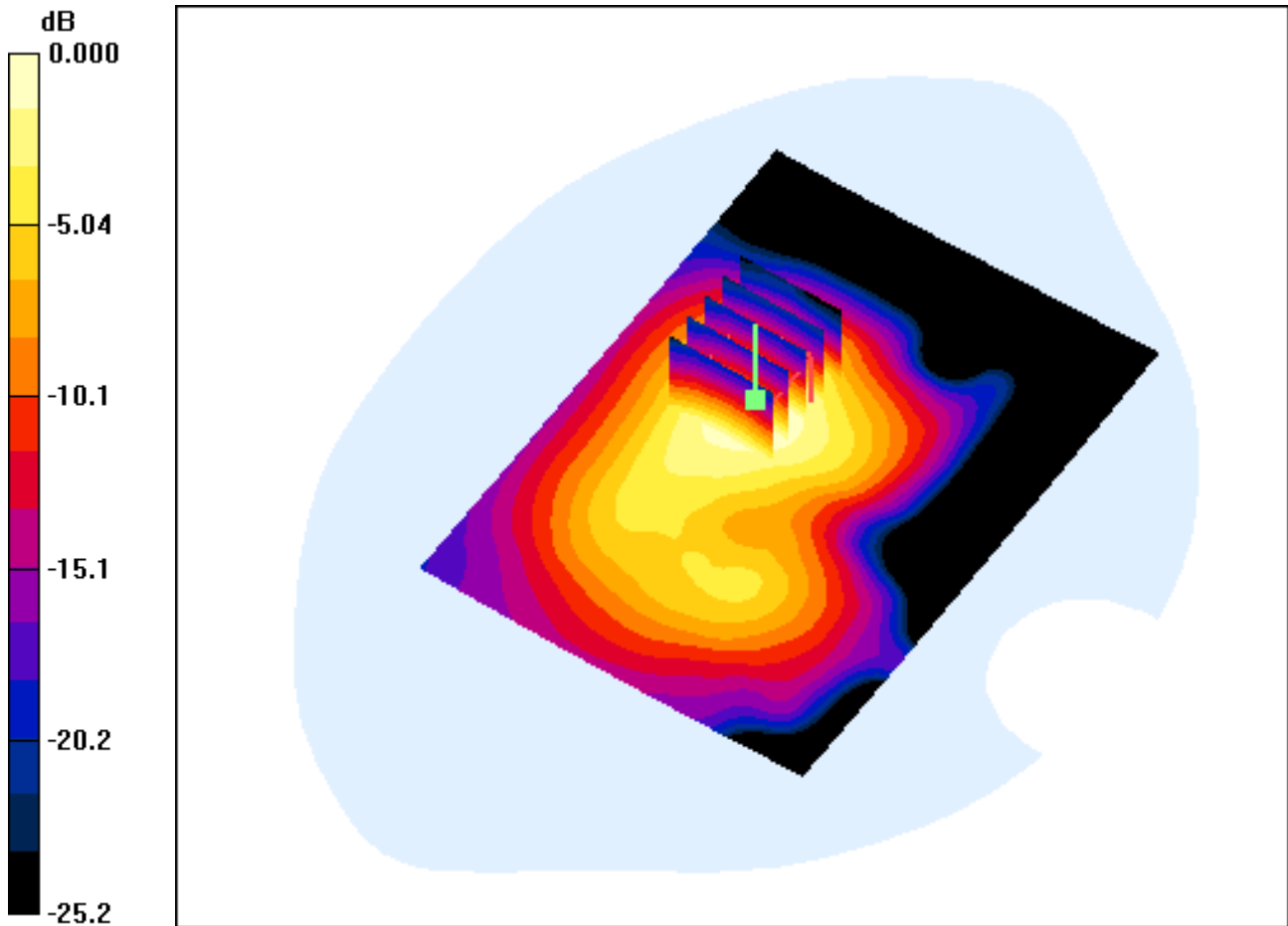
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.227 mW/g



0 dB = 0.604mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Rear

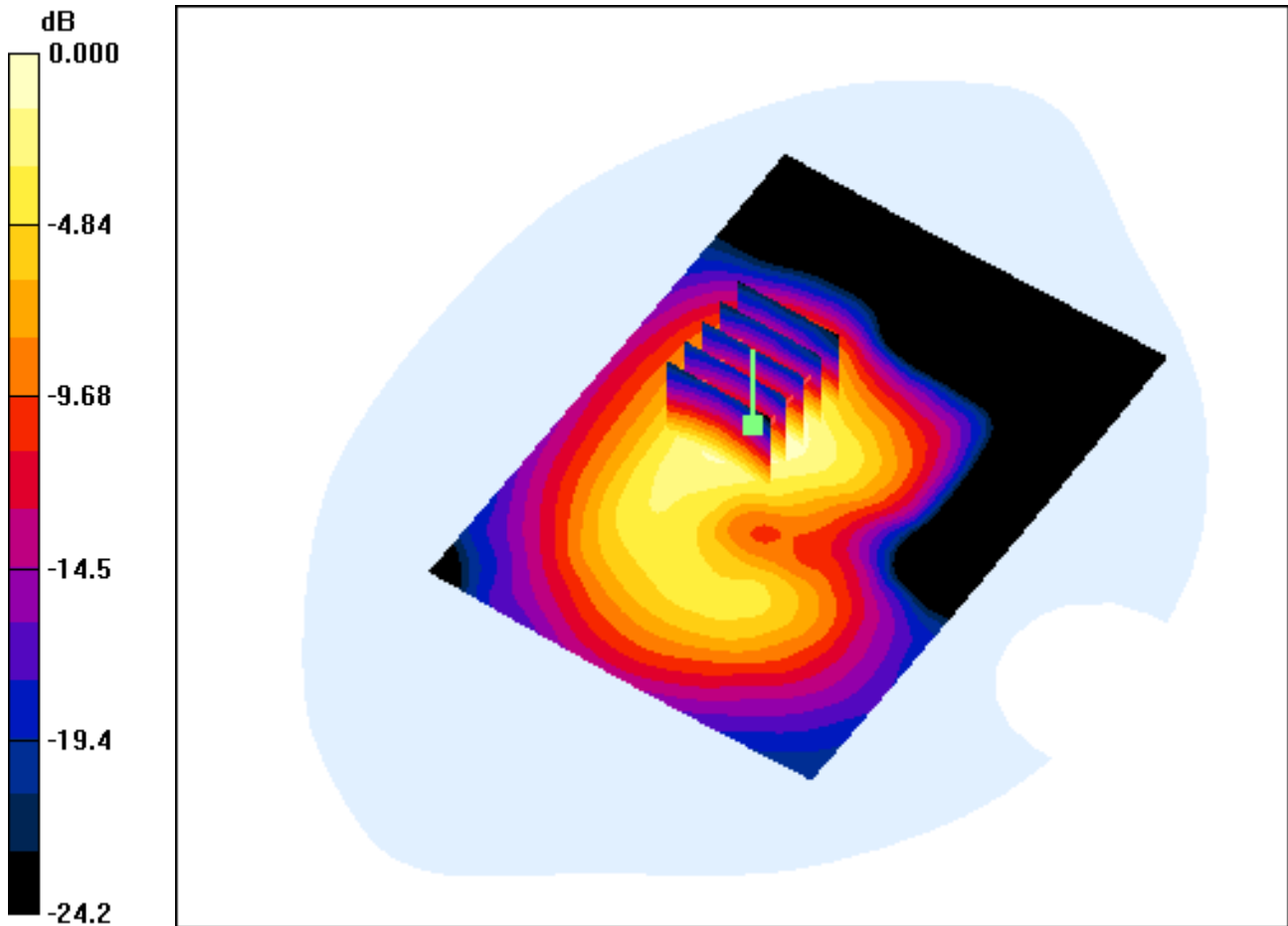
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.999 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.240 mW/g



0 dB = 0.640mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WiMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.31$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Rear

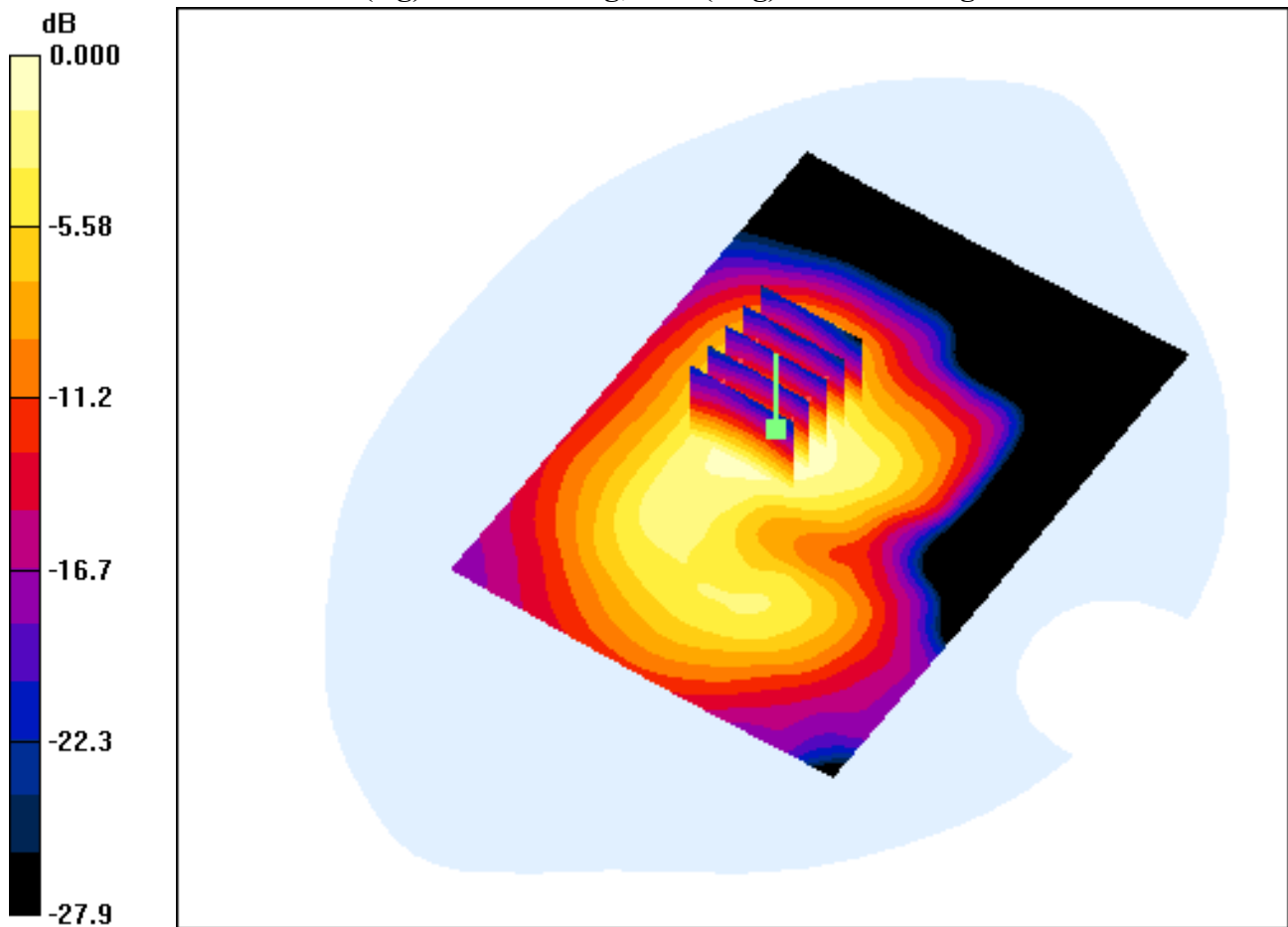
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.282 mW/g



0 dB = 0.760mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Right

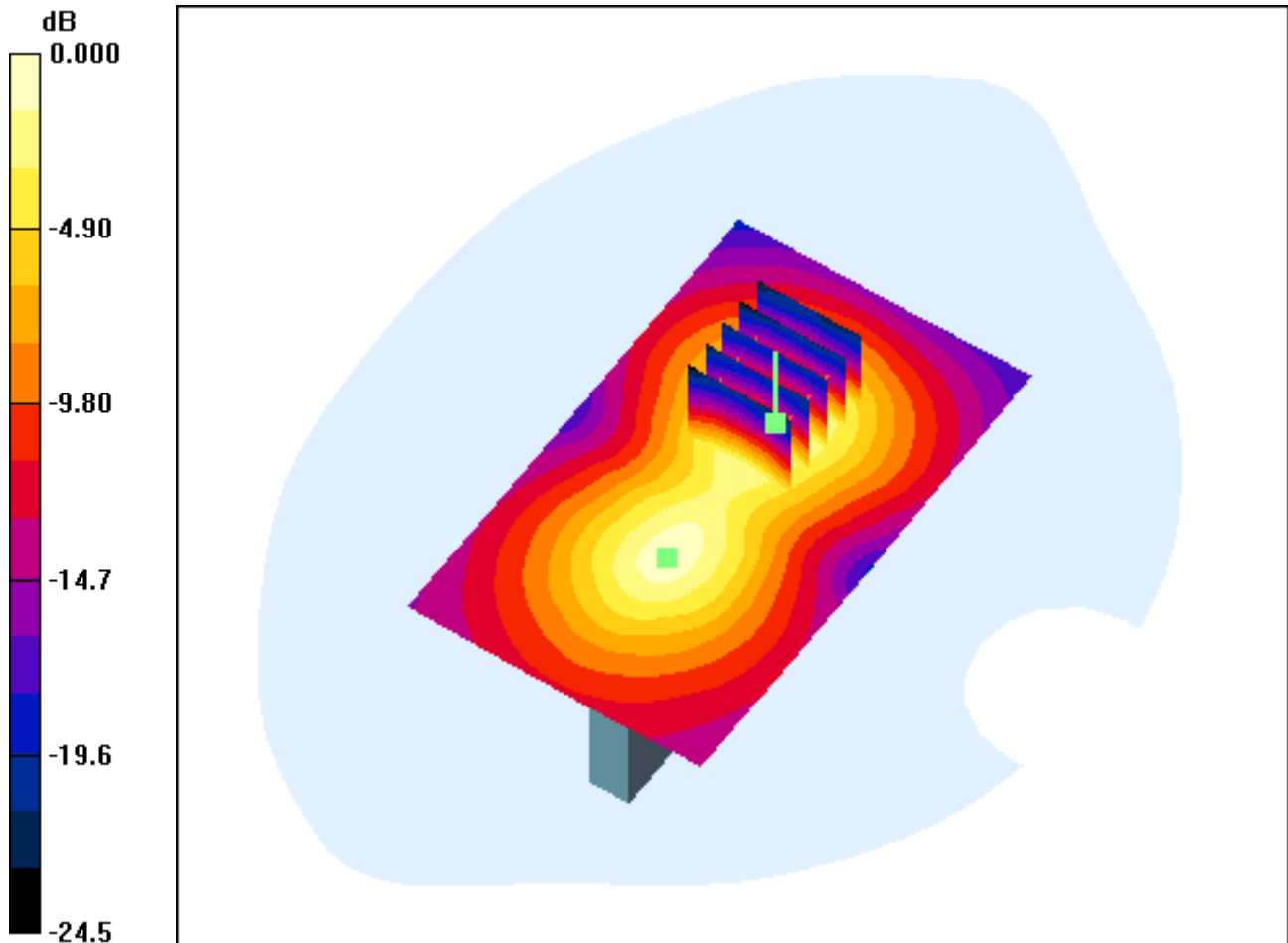
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.190 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Right

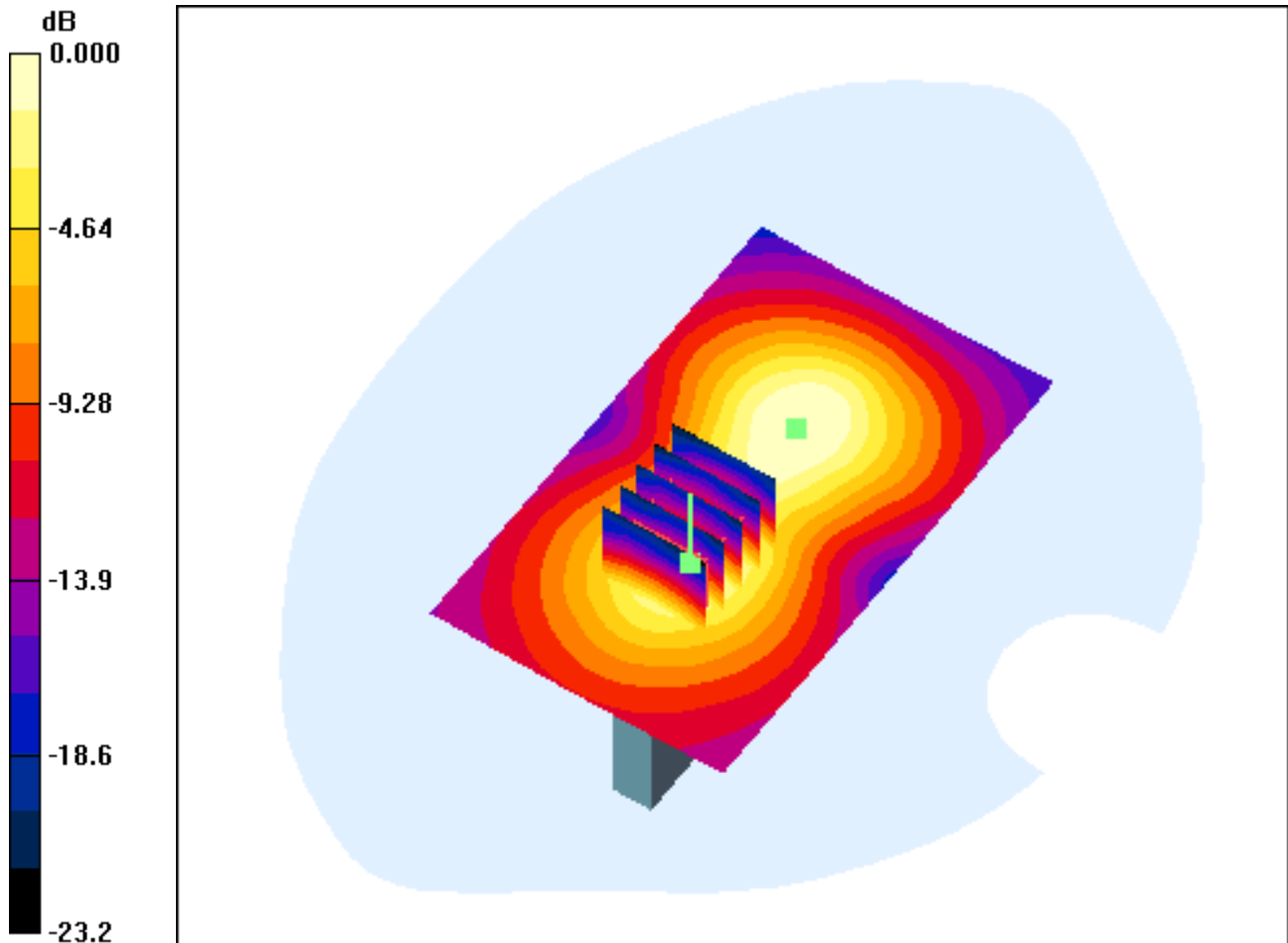
Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.164 mW/g



0 dB = 0.462mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Left

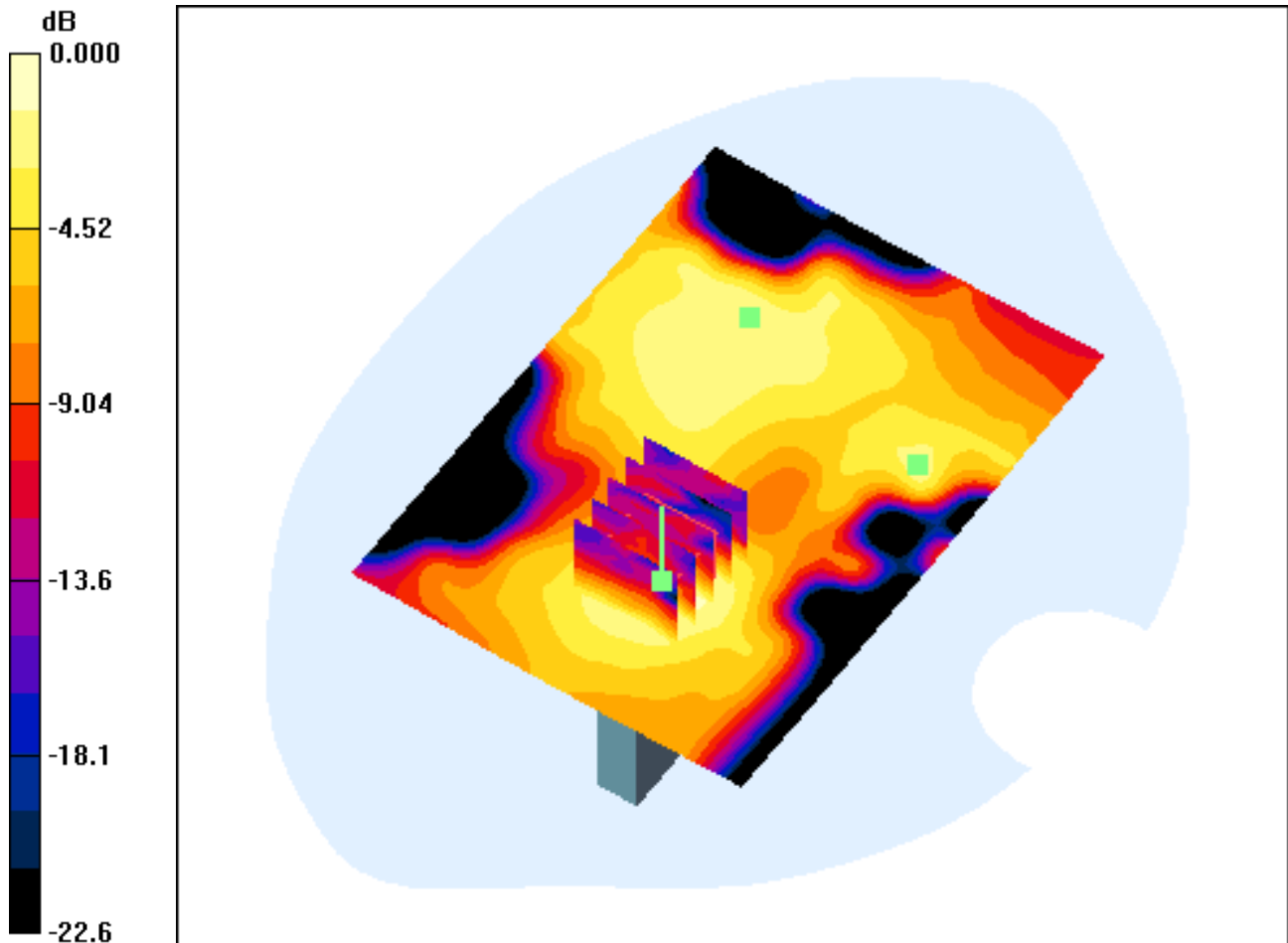
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.059 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g



0 dB = 0.036mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Left

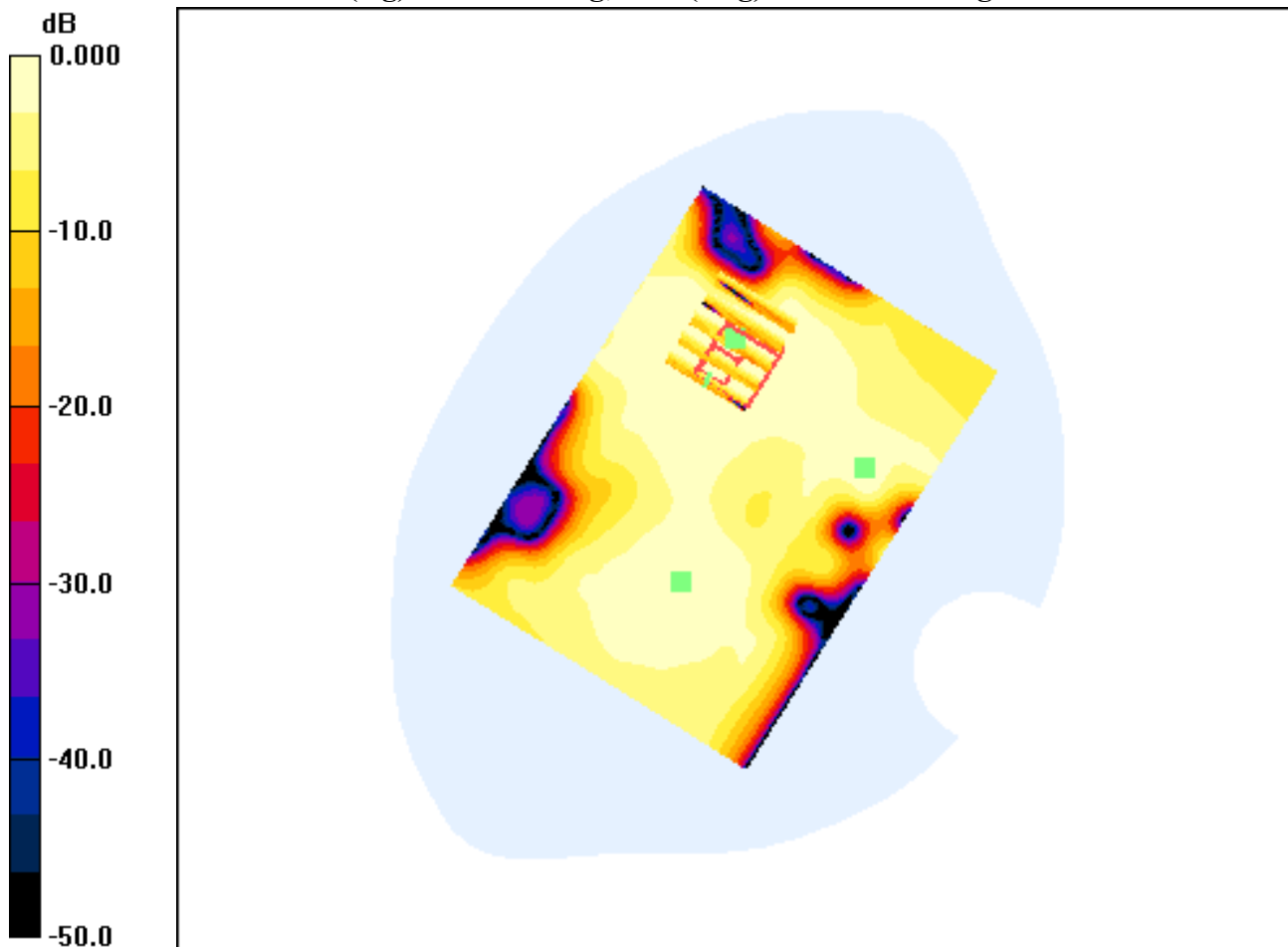
Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00899 mW/g



0 dB = 0.025mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.2 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Left

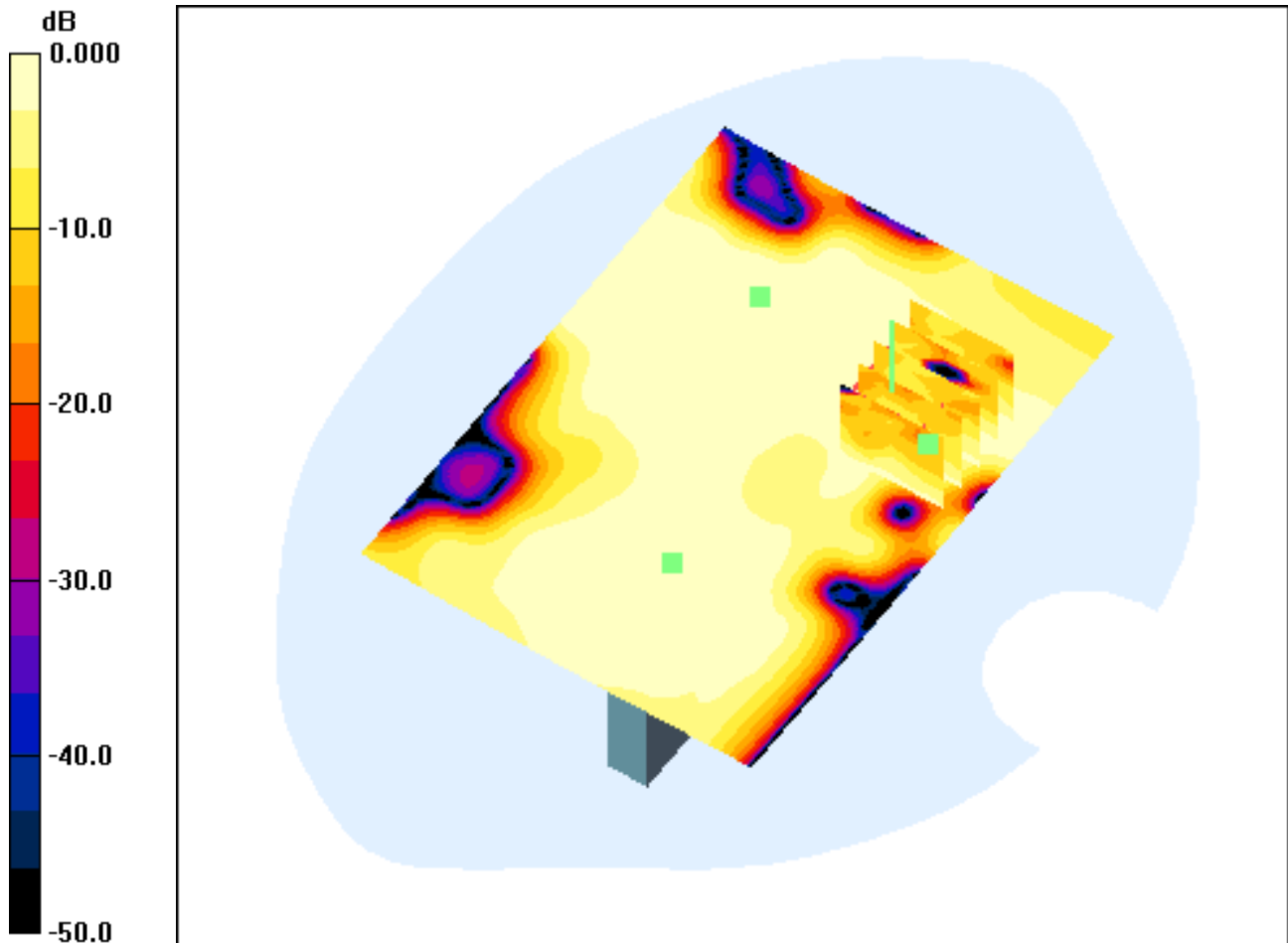
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 2: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00637 mW/g



0 dB = 0.017mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.31$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-24; Ambient Temp: 22.3; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Step Size Minimum, Rear

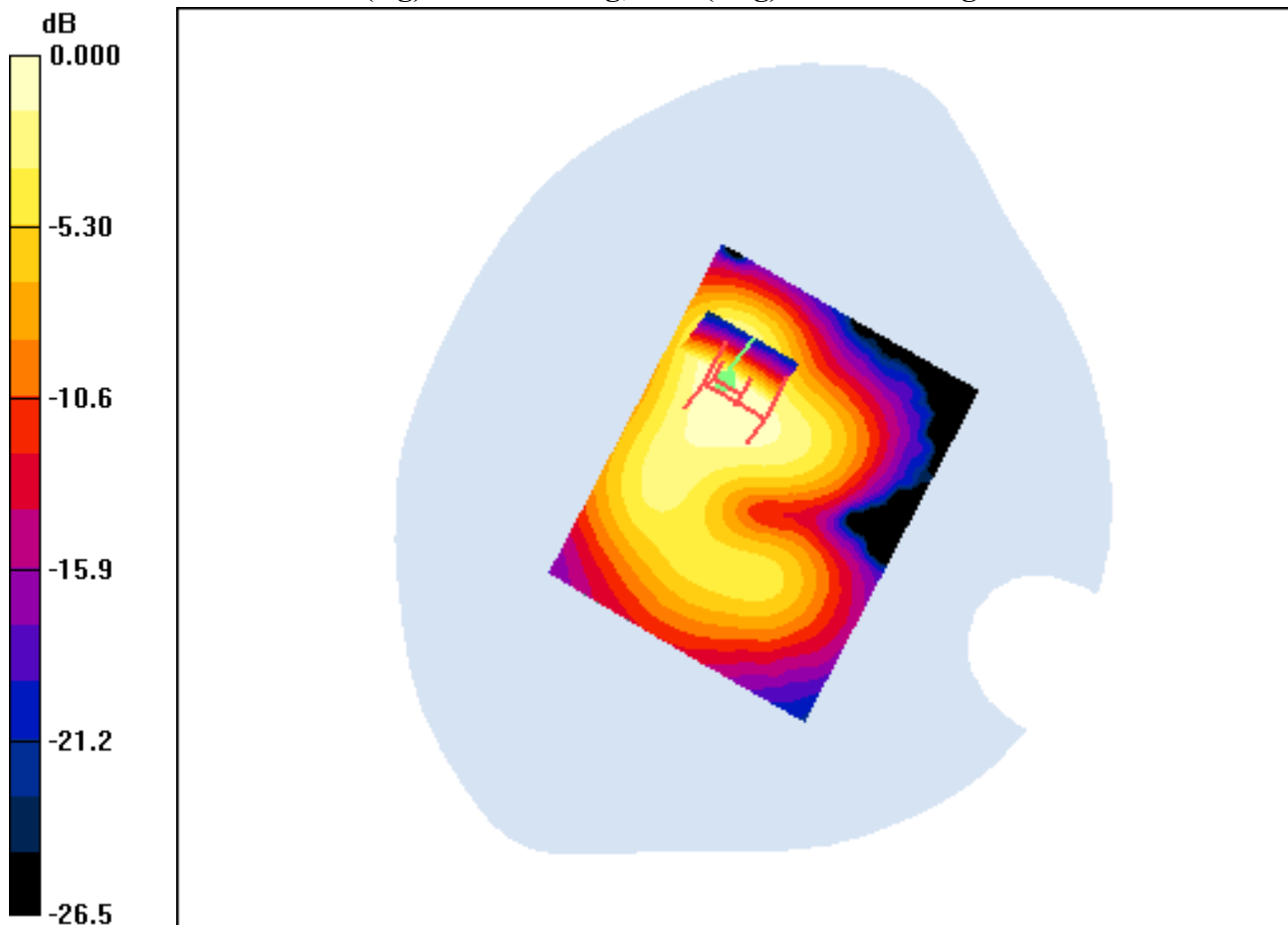
Area Scan (181x261x1): Measurement grid: dx=5mm, dy=5mm

Zoom Scan (9x9x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Power Drift = 0.071 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.359 mW/g



0 dB = 1.00mW/g

DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WiMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2

Medium parameters used (interpolated): $f = 2686.75$ MHz; $\sigma = 2.34$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Rear

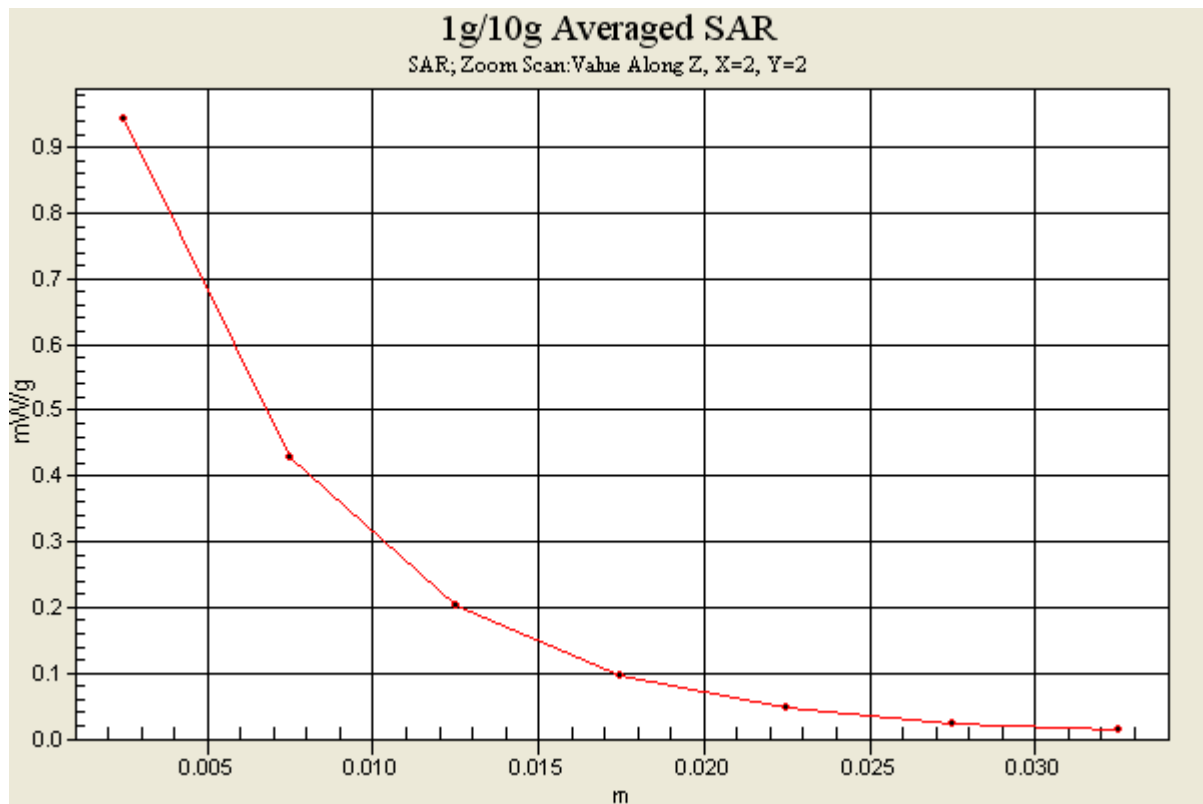
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.069 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.351 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2

Medium parameters used (interpolated): $f = 2686.75$ MHz; $\sigma = 2.32$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 0, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Rear

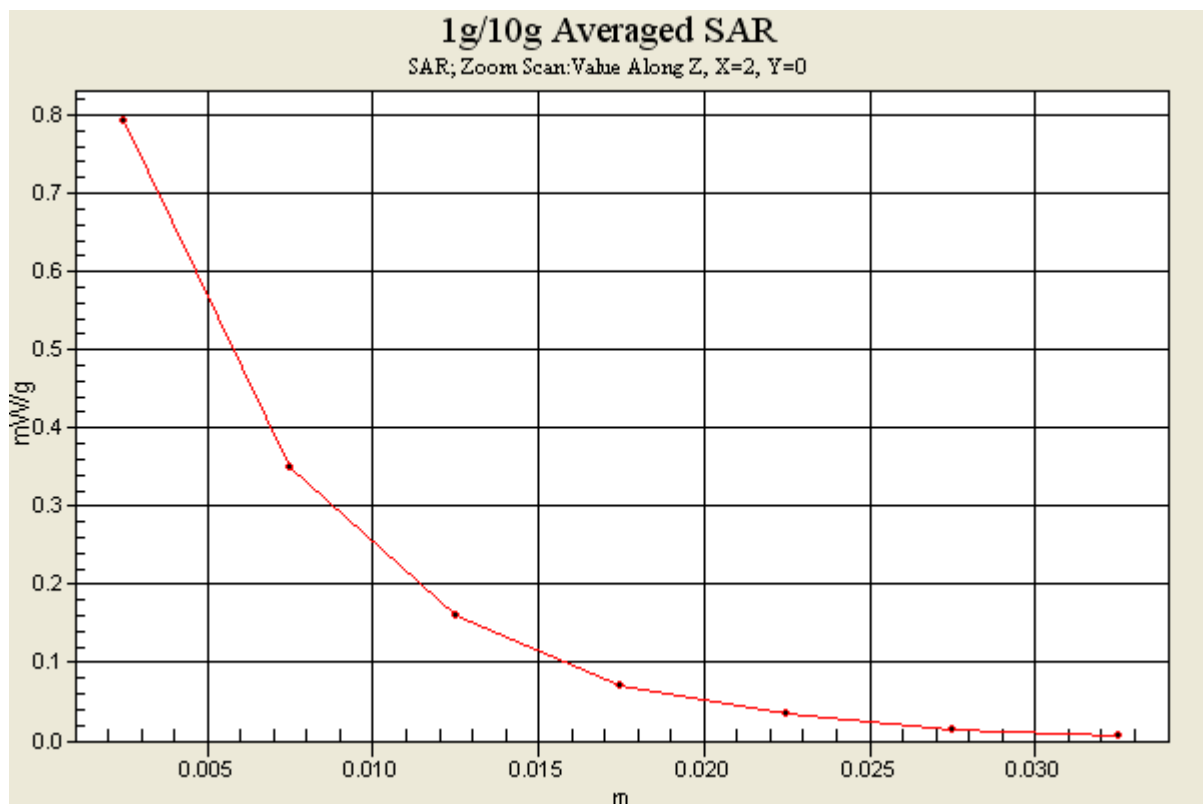
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.341 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.3$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Rear

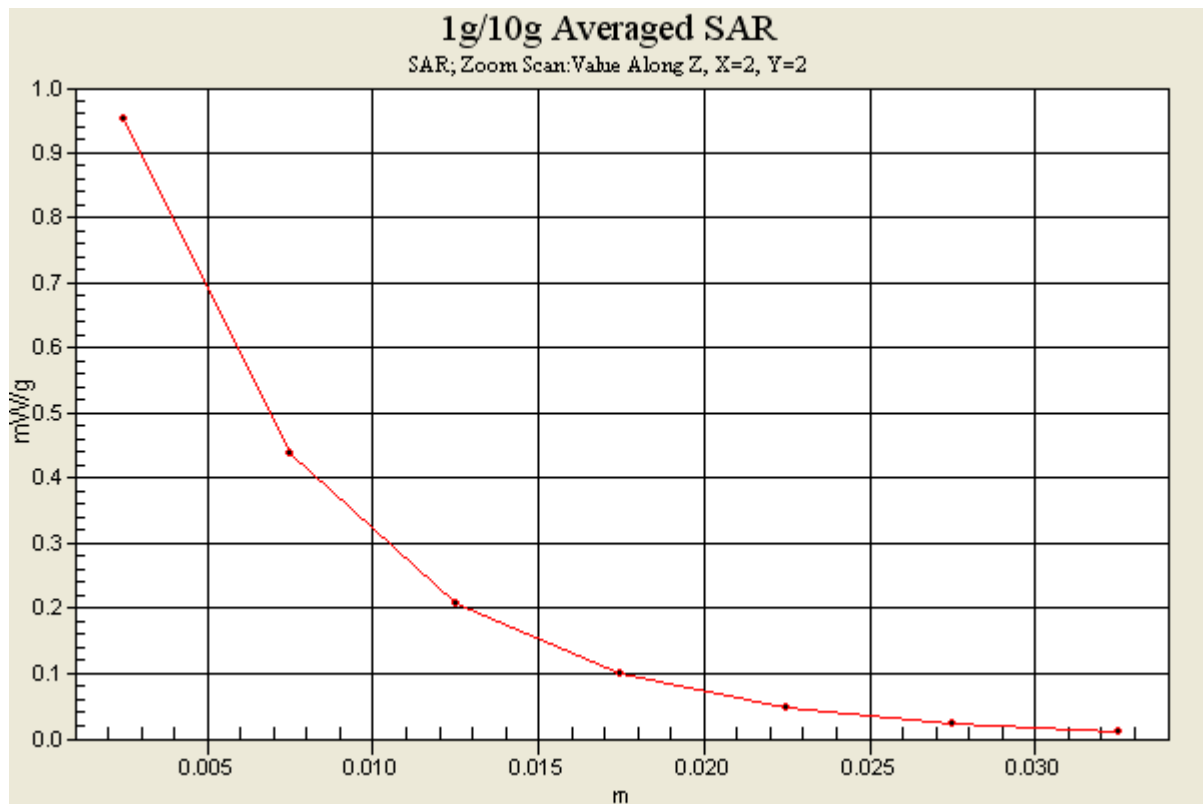
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.358 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5 \text{ MHz}$; $\sigma = 2.31 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 0, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Rear

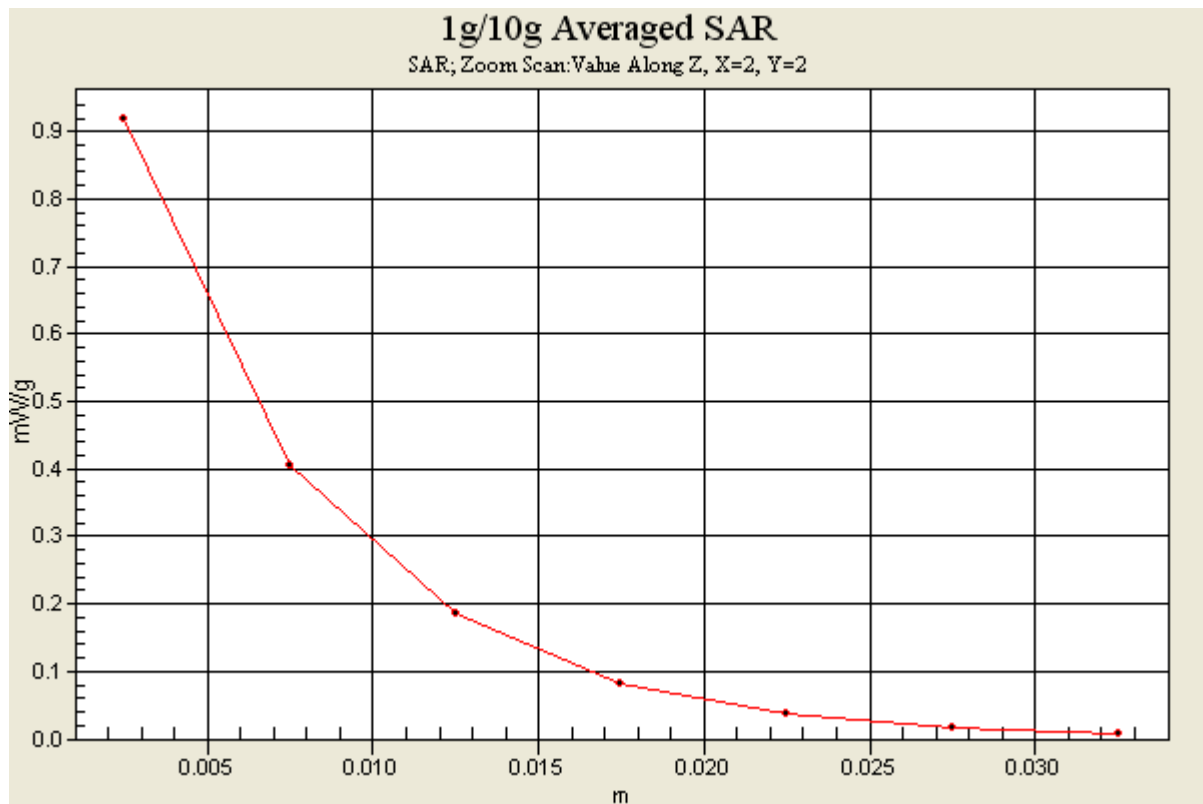
Area Scan (81x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.340 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2

Medium parameters used (interpolated): $f = 2686.75$ MHz; $\sigma = 2.34$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-22; Ambient Temp: 22.2; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, QPSK12 PUSC, Rear

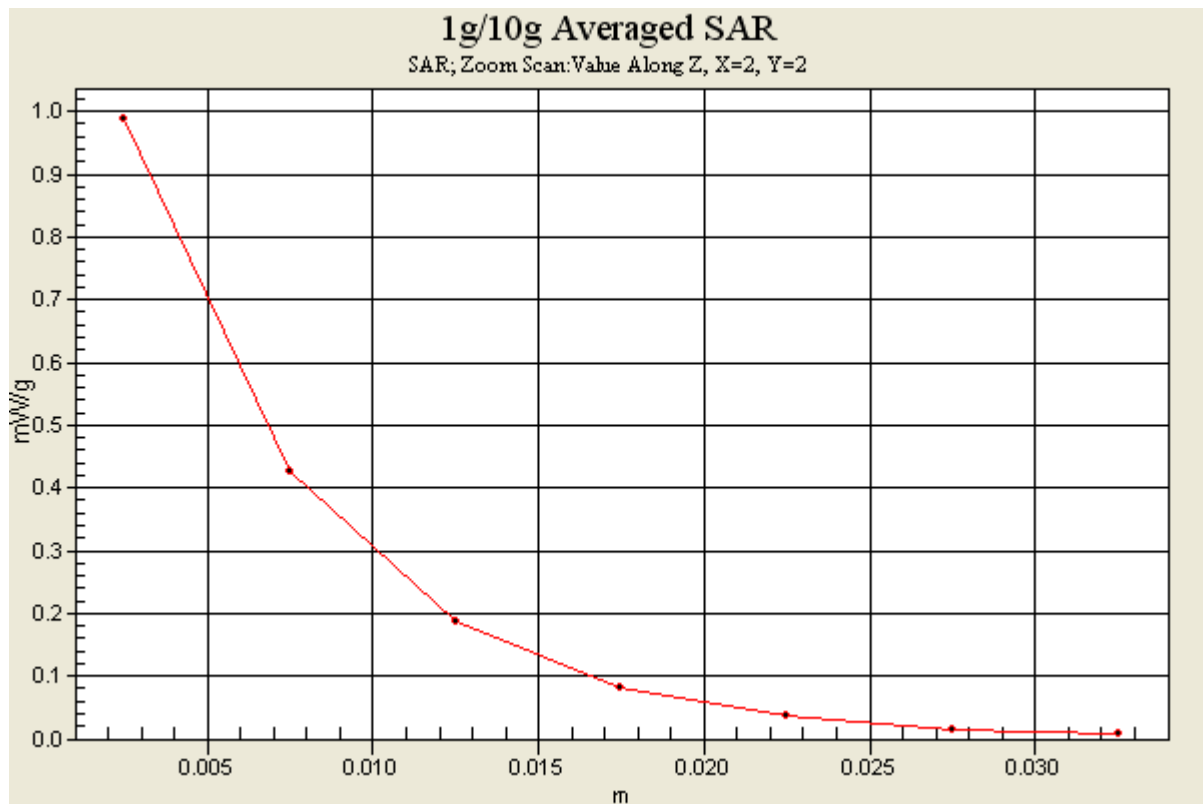
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.016 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.367 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2

Medium parameters used (interpolated): $f = 2686.75$ MHz; $\sigma = 2.32$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-20; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 1, Internal

Mode : Bandwidth 5M, 16QAM12 PUSC, Rear

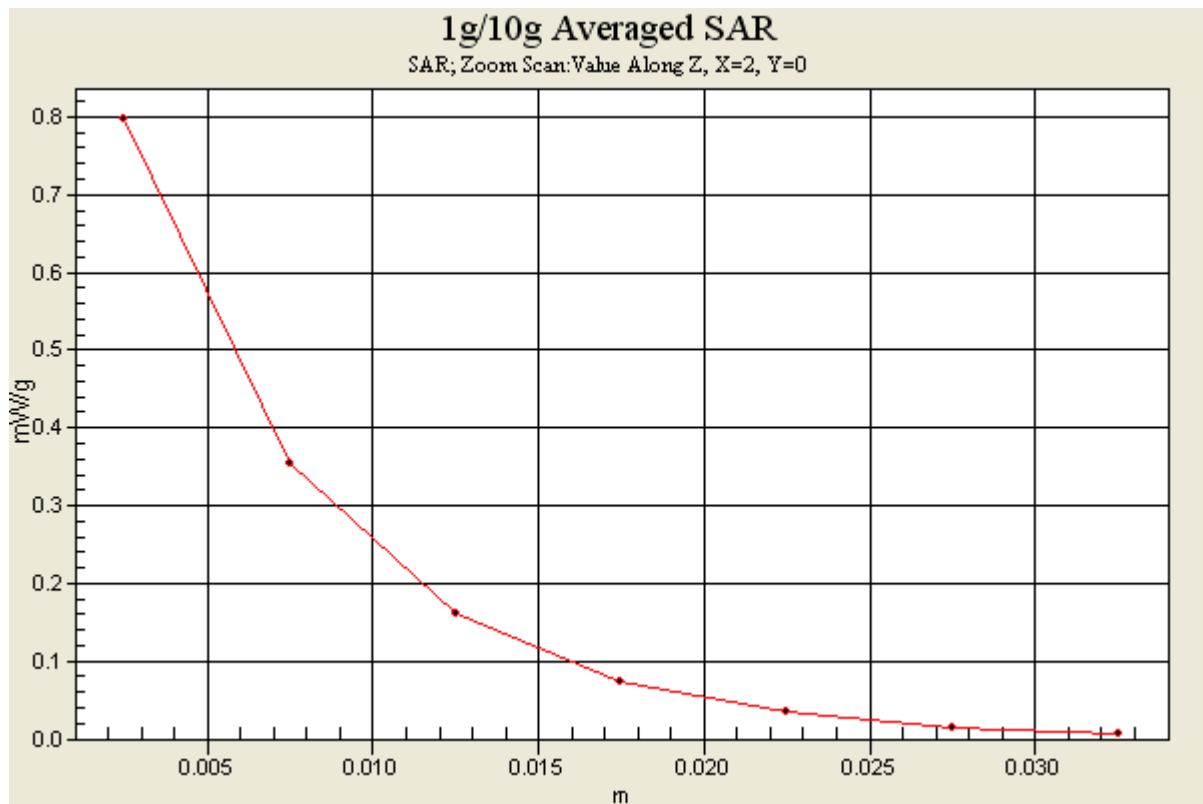
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.340 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.3$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-03-23; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, QPSK12 PUSC, Rear

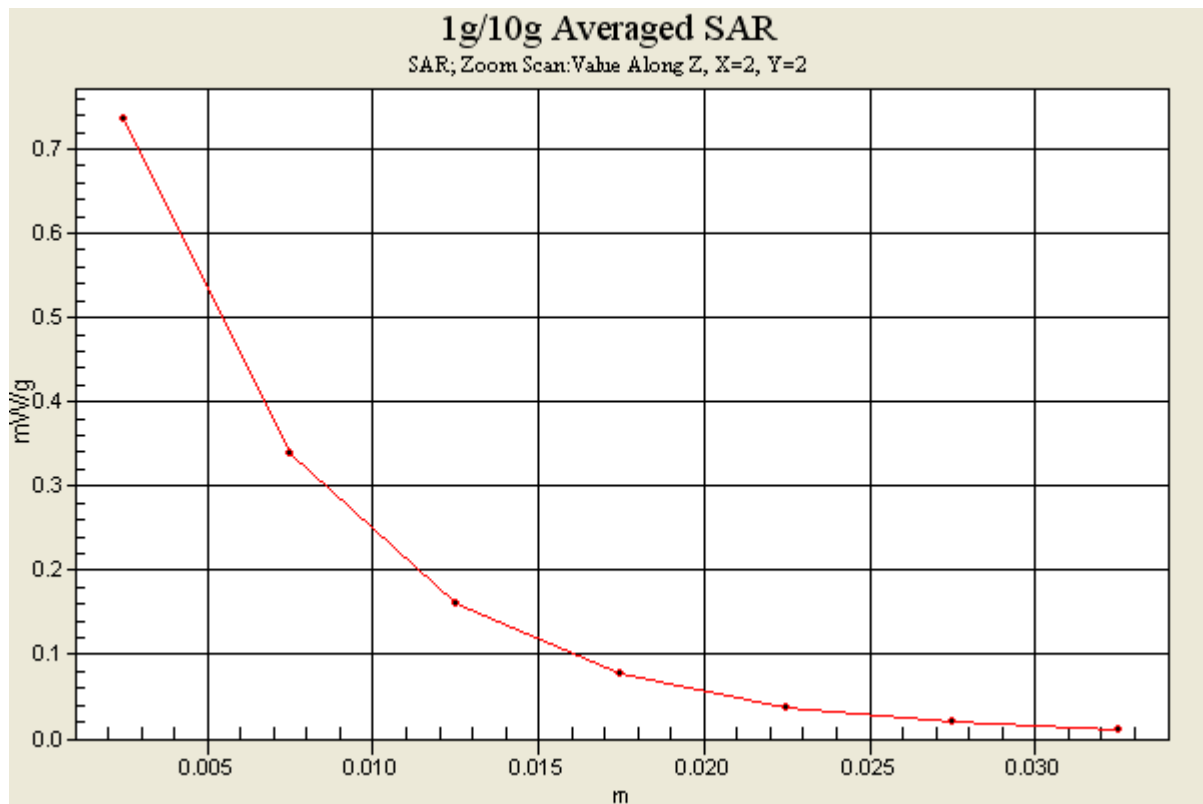
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.086 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.289 mW/g



DIGITAL EMC CO., LTD

DUT: WXR-PG; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.31$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.71, 6.71, 6.71); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-21; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 1, Internal

Mode : Bandwidth 10M, 16QAM12 PUSC, Rear

Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.282 mW/g

