

DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.919 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-10-25; Ambient Temp: 20.5; Tissue Temp: 20.3

Dipole Validation

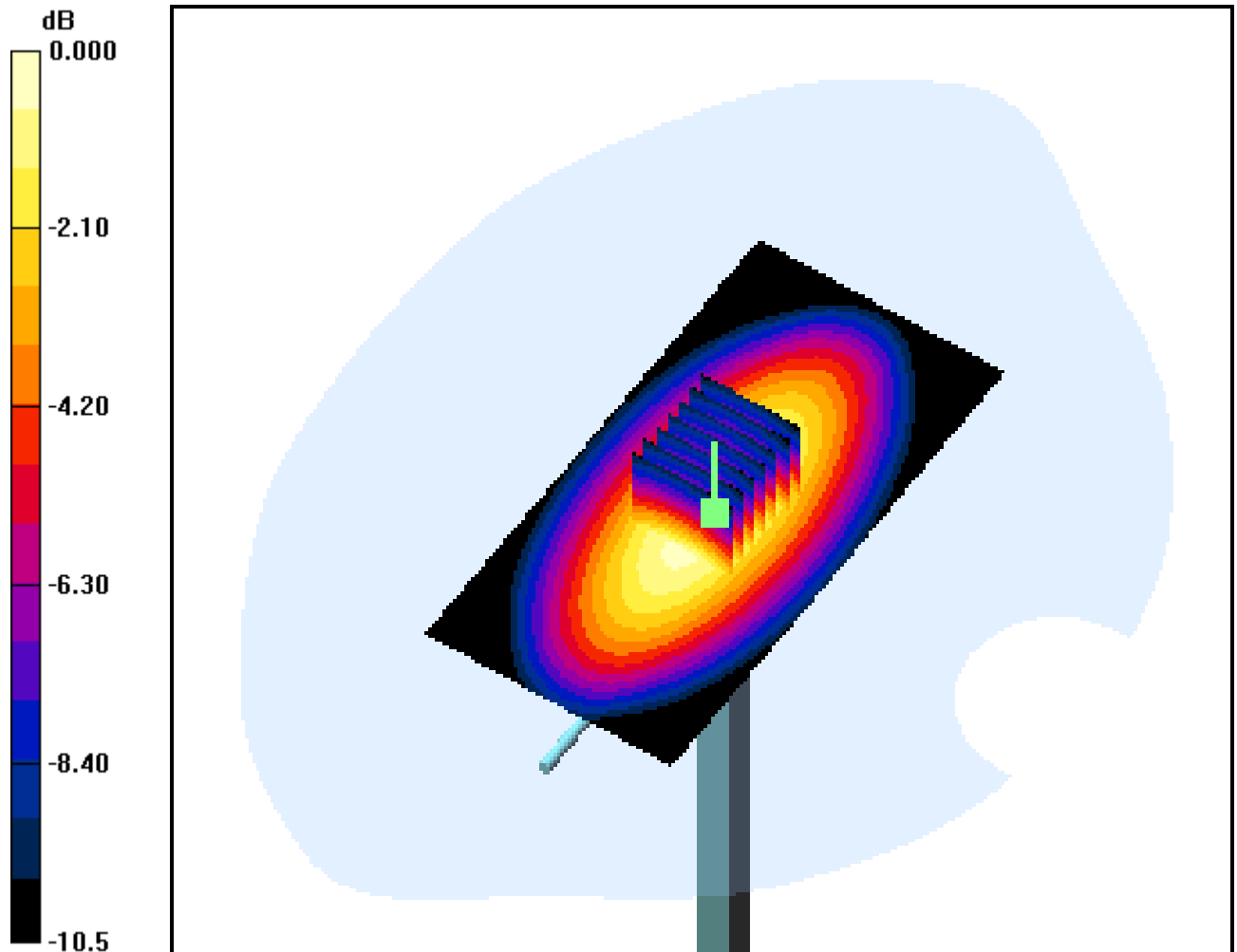
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.011 dB

Peak SAR (extrapolated) = 3.73 W/kg

SAR(1 g) = 2.49 mW/g; SAR(10 g) = 1.63 mW/g



0 dB = 2.69mW/g

DIGITAL EMC CO., LTD

DUT: SXC-1280; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-10-25; Ambient Temp: 20.5; Tissue Temp: 20.3

3.5mm from Body, CDMA_Cellular Ch.1013, Ant Fixed, Vertical

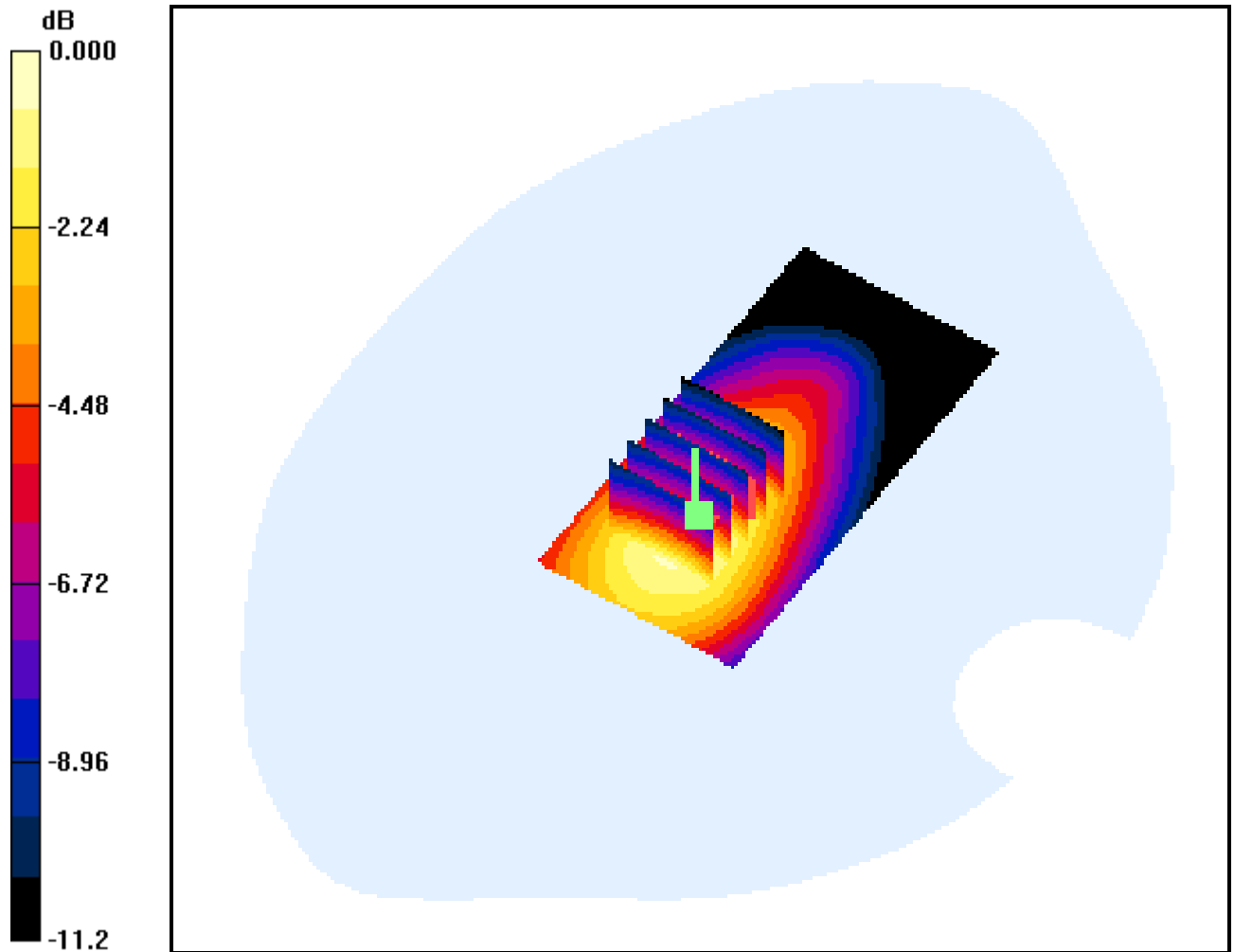
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.721 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.316 mW/g



0 dB = 0.523mW/g

DIGITAL EMC CO., LTD

DUT: SXC-1280; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.981 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-10-25; Ambient Temp: 20.5; Tissue Temp: 20.3

3.5mm from Body, CDMA_Cellular Ch.384, Ant Fixed, Vertical

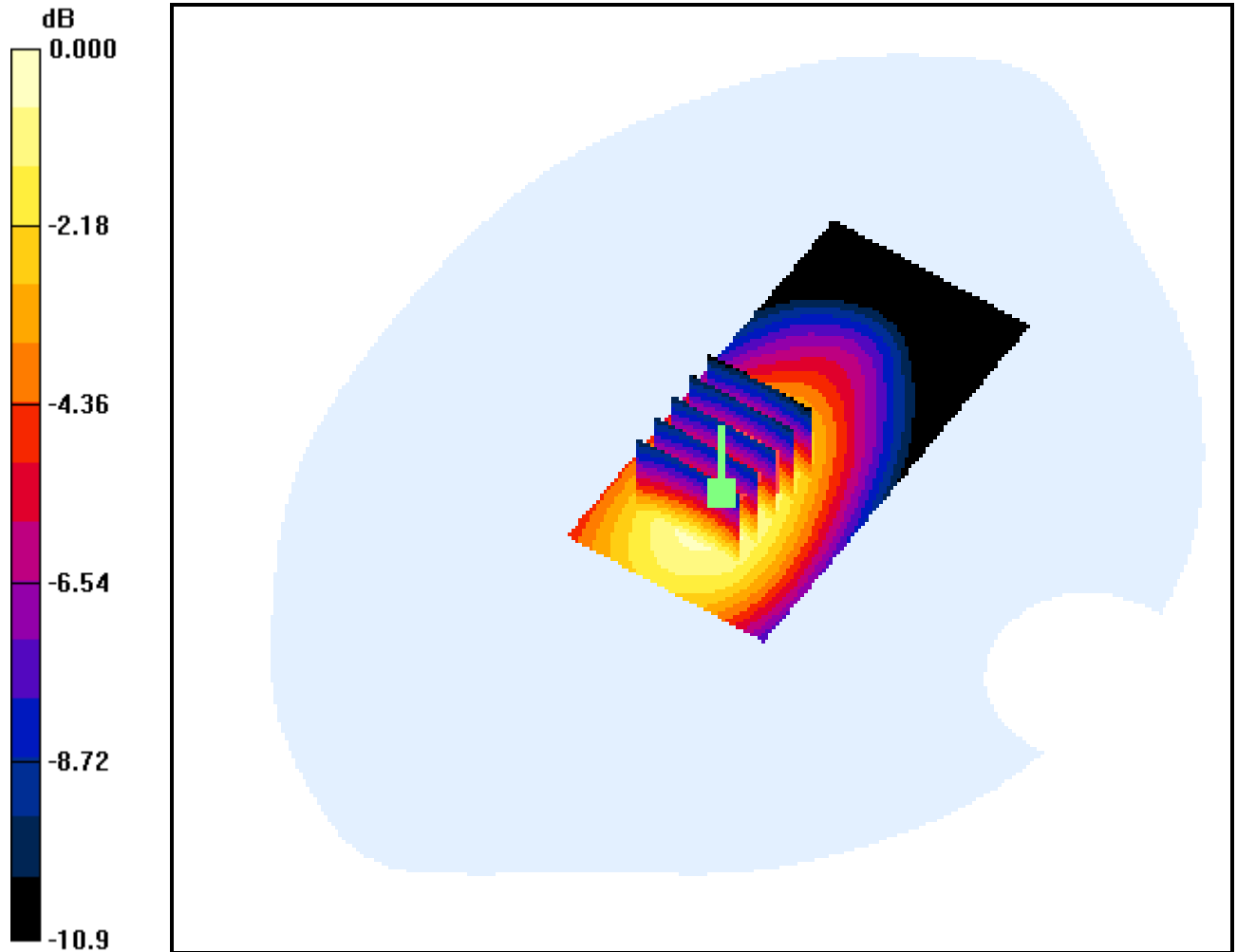
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.393 mW/g



0 dB = 0.635mW/g

DIGITAL EMC CO., LTD

DUT: SXC-1280; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.992 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-10-25; Ambient Temp: 20.5; Tissue Temp: 20.3

3.5mm from Body, CDMA_Cellular Ch.777, Ant Fixed, Vertical

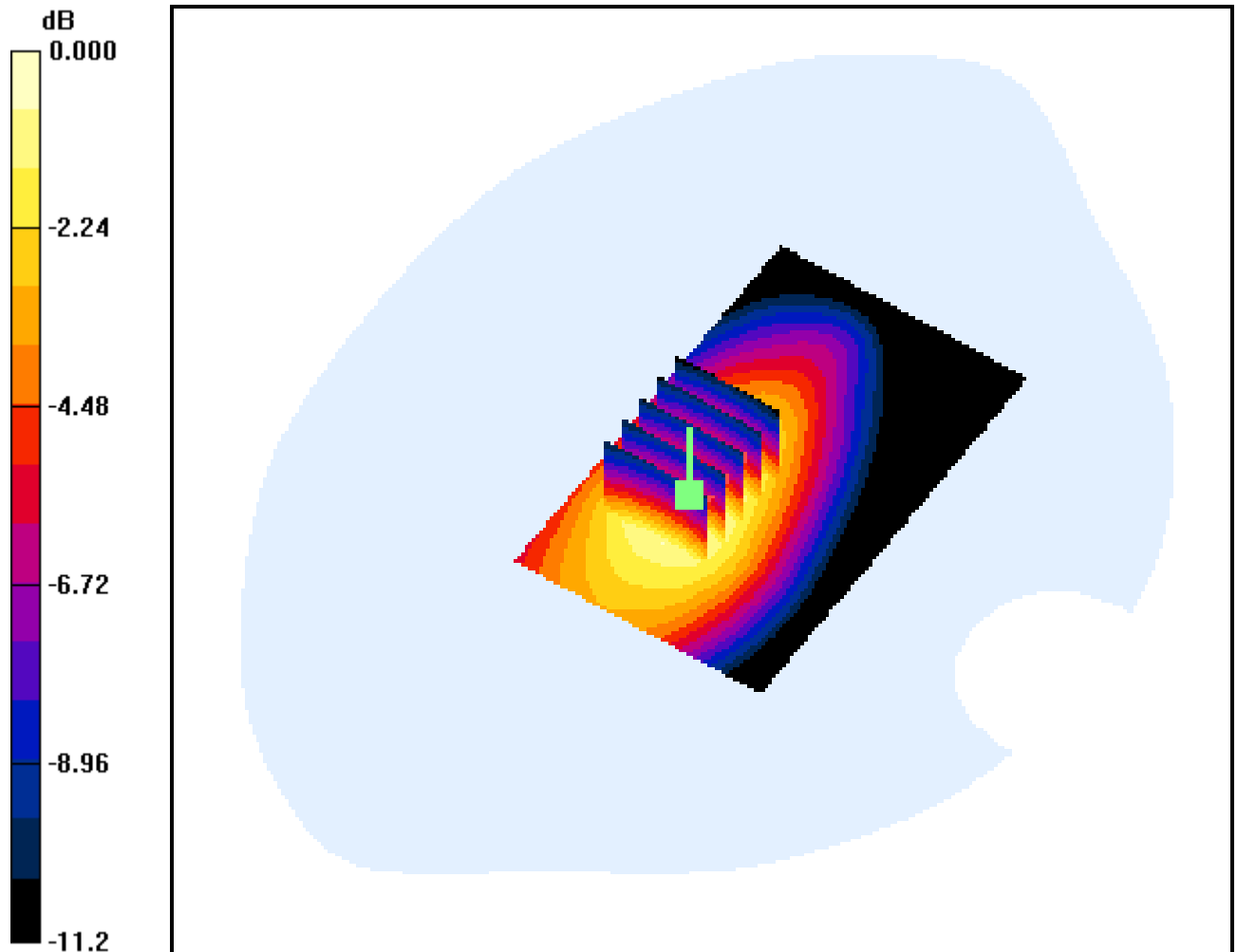
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.002 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.693 mW/g



0 dB = 1.15mW/g

DIGITAL EMC CO., LTD

DUT: SXC-1280; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-10-25; Ambient Temp: 20.5; Tissue Temp: 20.3

7.0mm from Body, CDMA_Cellular Ch.1013, Ant Fixed, Horizontal

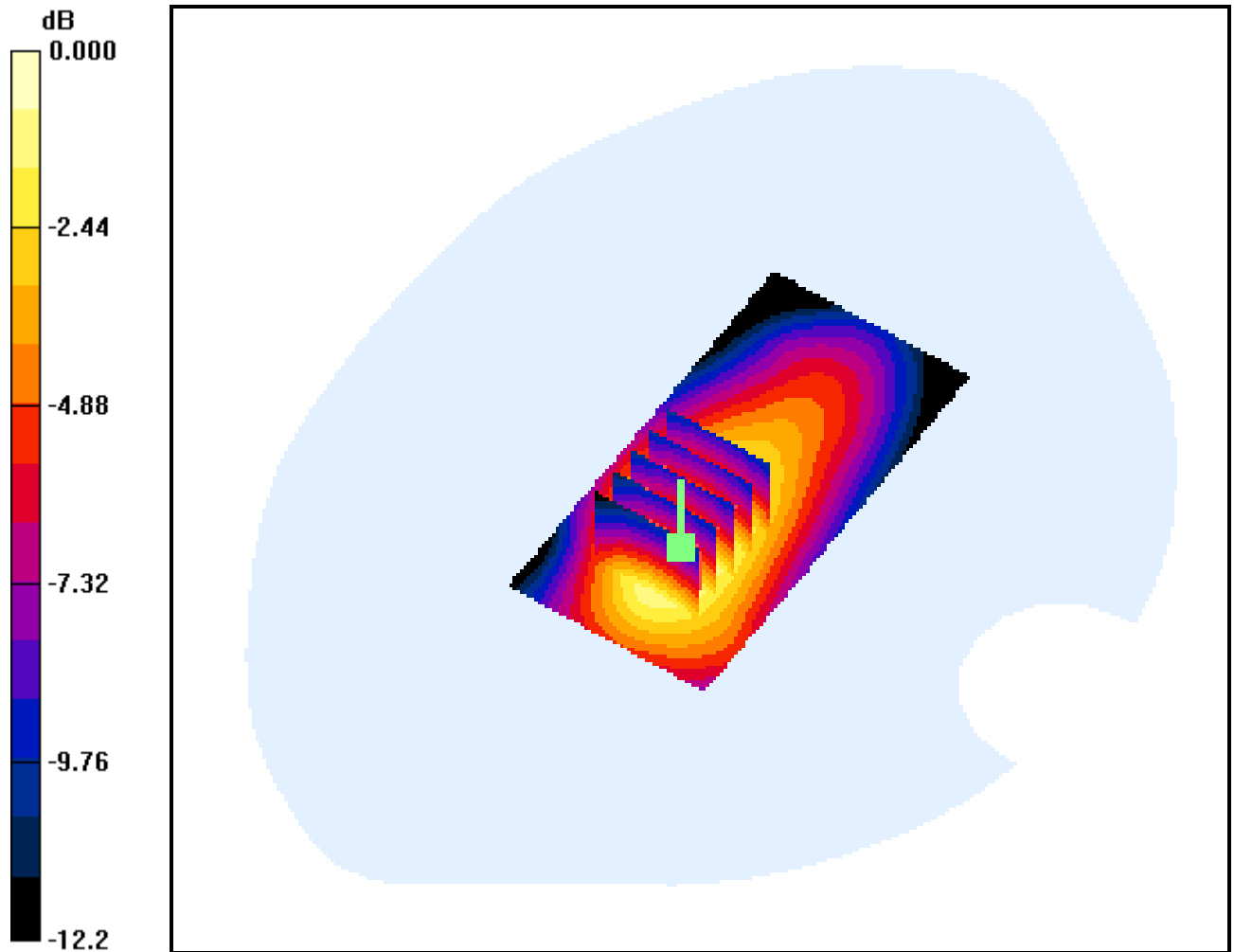
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.303 mW/g



0 dB = 0.501mW/g

DIGITAL EMC CO., LTD

DUT: SXC-1280; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.981 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-10-25; Ambient Temp: 20.5; Tissue Temp: 20.3

7.0mm from Body, CDMA_Cellular Ch.384, Ant Fixed, Horizontal

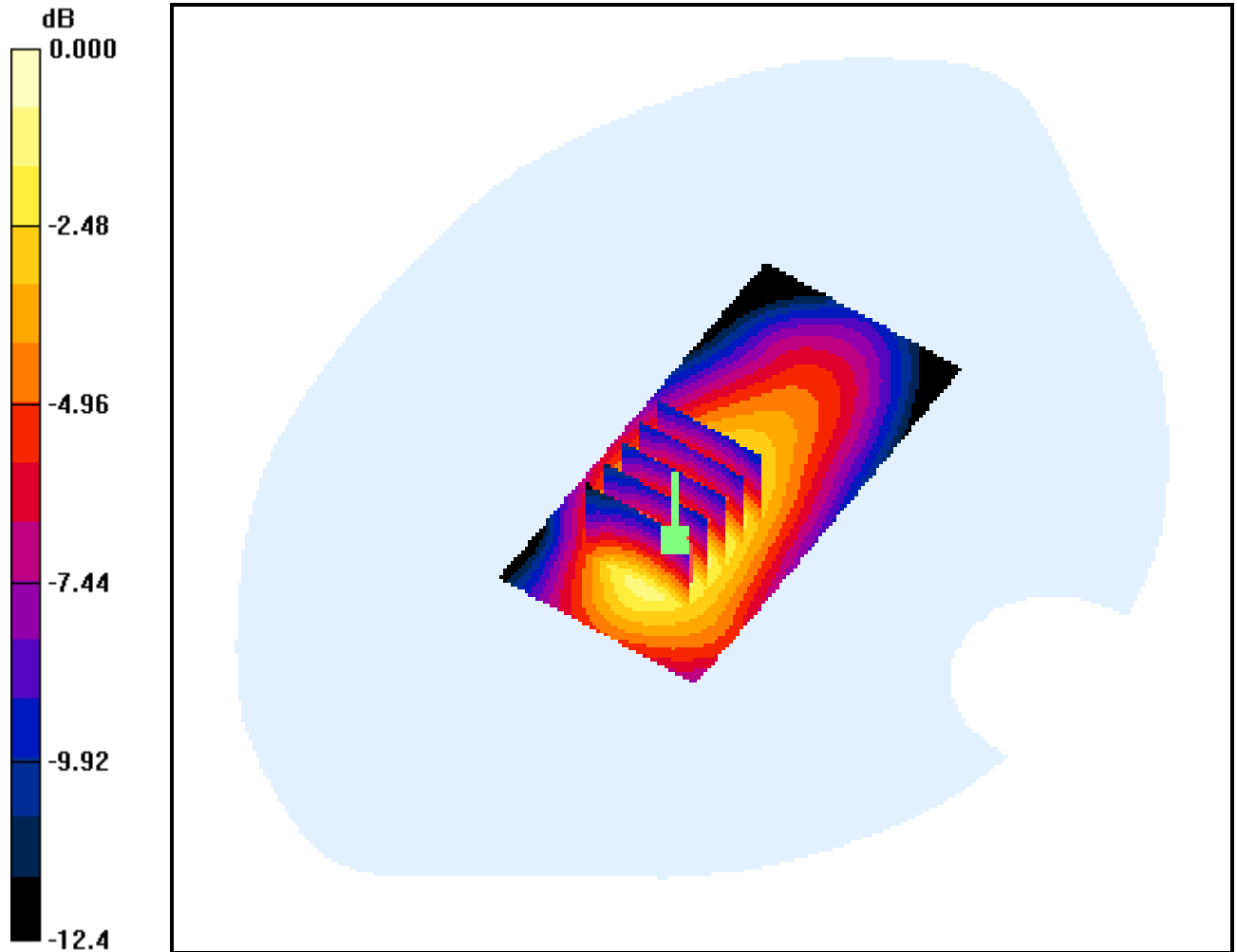
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.980 W/kg

SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.441 mW/g



0 dB = 0.731mW/g

DIGITAL EMC CO., LTD

DUT: SXC-1280; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.992 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-10-25; Ambient Temp: 20.5; Tissue Temp: 20.3

7.0mm from Body, CDMA_Cellular Ch.777, Ant Fixed, Horizontal

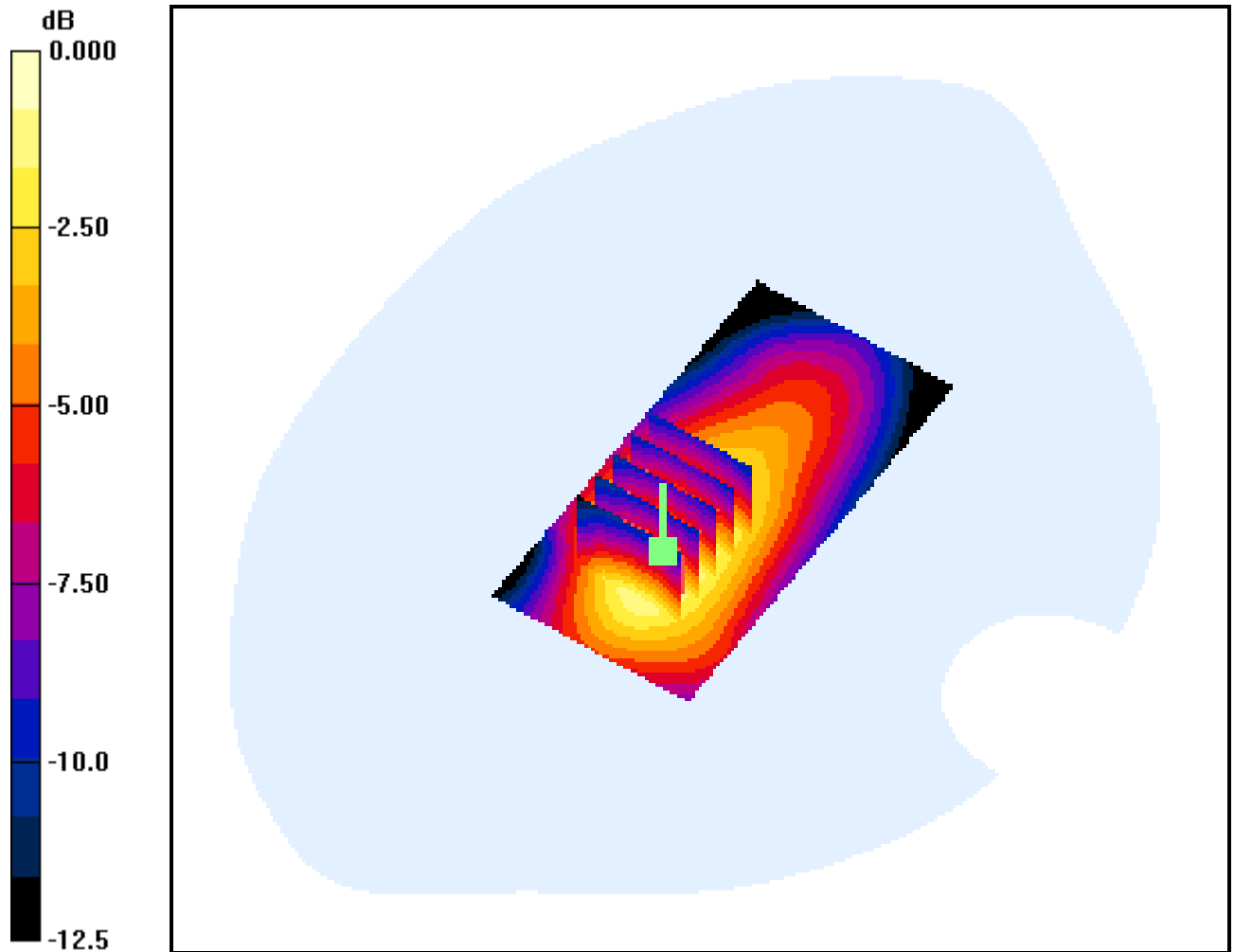
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.337 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.672 mW/g



0 dB = 1.11mW/g

DIGITAL EMC CO., LTD

DUT: SXC-1280; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.992 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-10-25; Ambient Temp: 20.5; Tissue Temp: 20.3

3.5mm from Body, CDMA_Cellular Ch.777, Ant Fixed, Vertical

Area Scan (51x81x1): 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 = -0.002 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.693 mW/g

