

DIGITAL EMC CO., LTD

DUT: VK3100; Type: Folder Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.21, 6.21, 6.21); Calibrated: 2006-03-23; 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 145

Test Date: 2006-05-24; Ambient Temp: 23.0; Tissue Temp: 22.0

1.5cm from Body, GSM Ch.128, Ant Intenna, Standard Battery, GPRS/BT ON

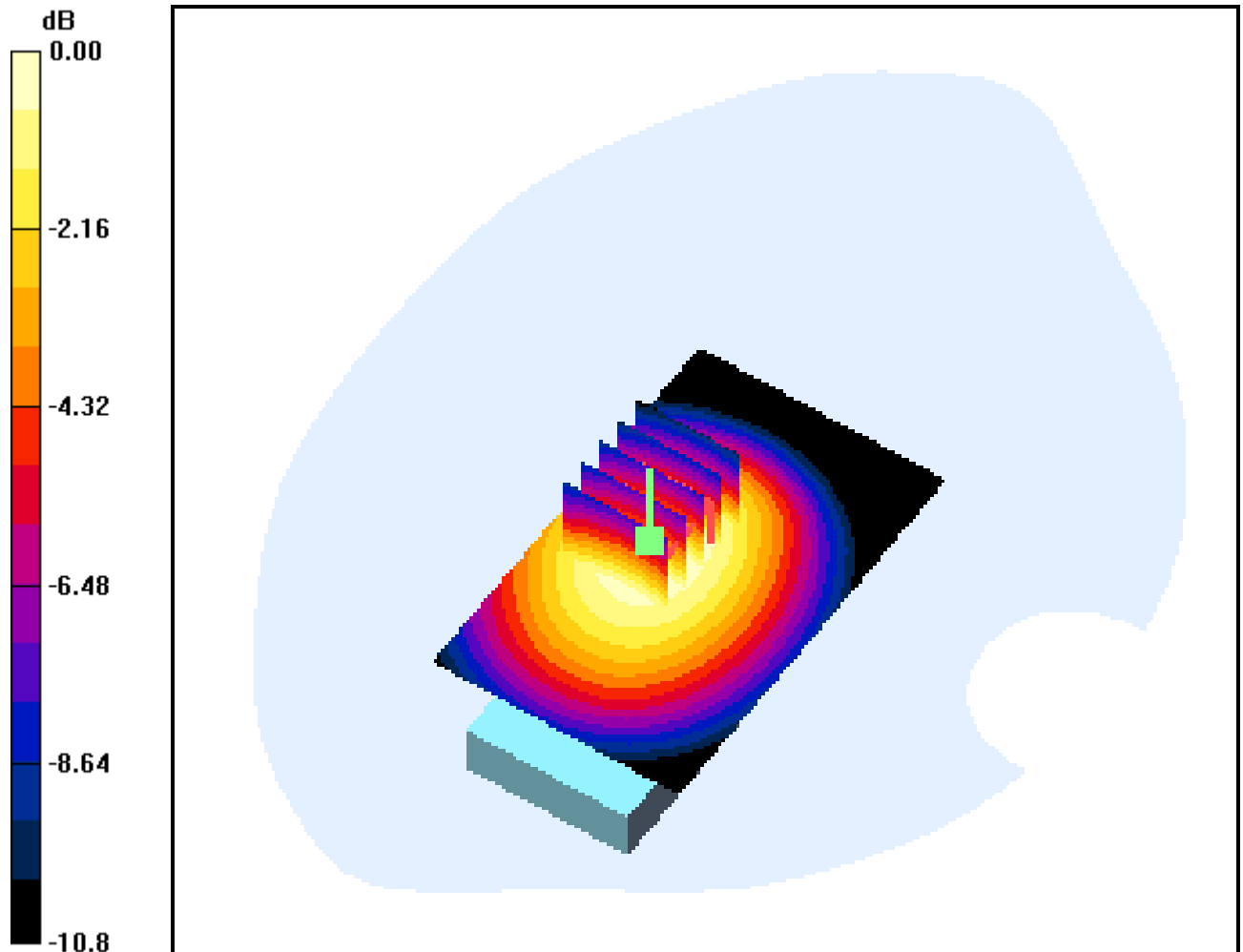
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.868 W/kg

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.474 mW/g



0 dB = 0.696mW/g

DIGITAL EMC CO., LTD

DUT: VK3100; Type: Folder Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.992 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.21, 6.21, 6.21); Calibrated: 2006-03-23; 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 145

Test Date: 2006-05-24; Ambient Temp: 23.0; Tissue Temp: 22.0

1.5cm from Body, GSM Ch.190, Ant Intenna, Standard Battery, GPRS/BT ON

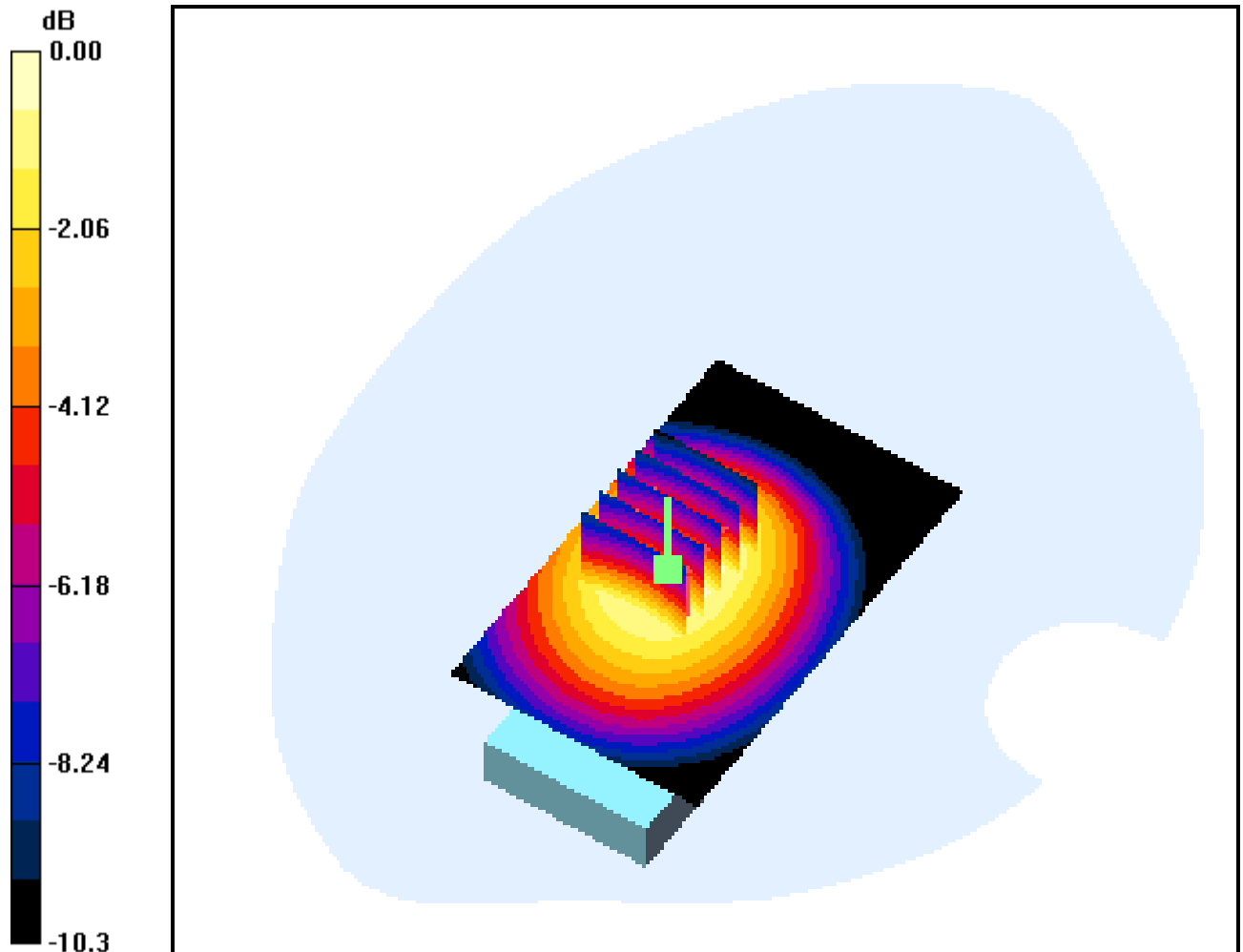
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.665 mW/g



0 dB = 0.991mW/g

DIGITAL EMC CO., LTD

DUT: VK3100; Type: Folder Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.21, 6.21, 6.21); Calibrated: 2006-03-23; 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 145

Test Date: 2006-05-24; Ambient Temp: 23.0; Tissue Temp: 22.0

1.5cm from Body, GSM Ch.251, Ant Intenna, Standard Battery, GPRS/BT ON

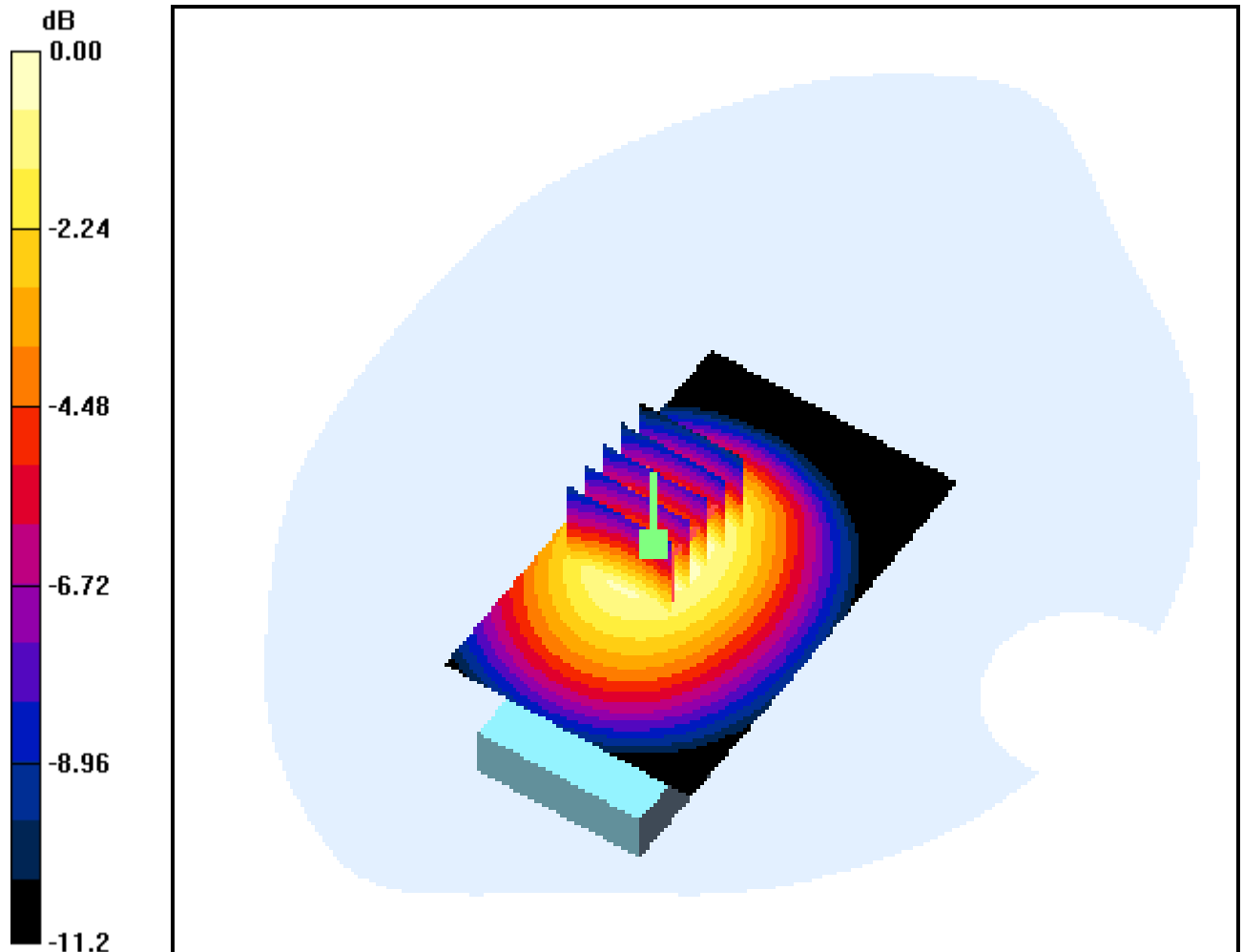
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.118 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.961 mW/g



0 dB = 1.45mW/g

DIGITAL EMC CO., LTD

DUT: VK3100; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.76, 4.76, 4.76); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-06-01; Ambient Temp: 22.0; Tissue Temp: 21.5

1.5cm from Body, PCS Ch.512, Ant Intenna, Standard Battery, GPRS/BT ON

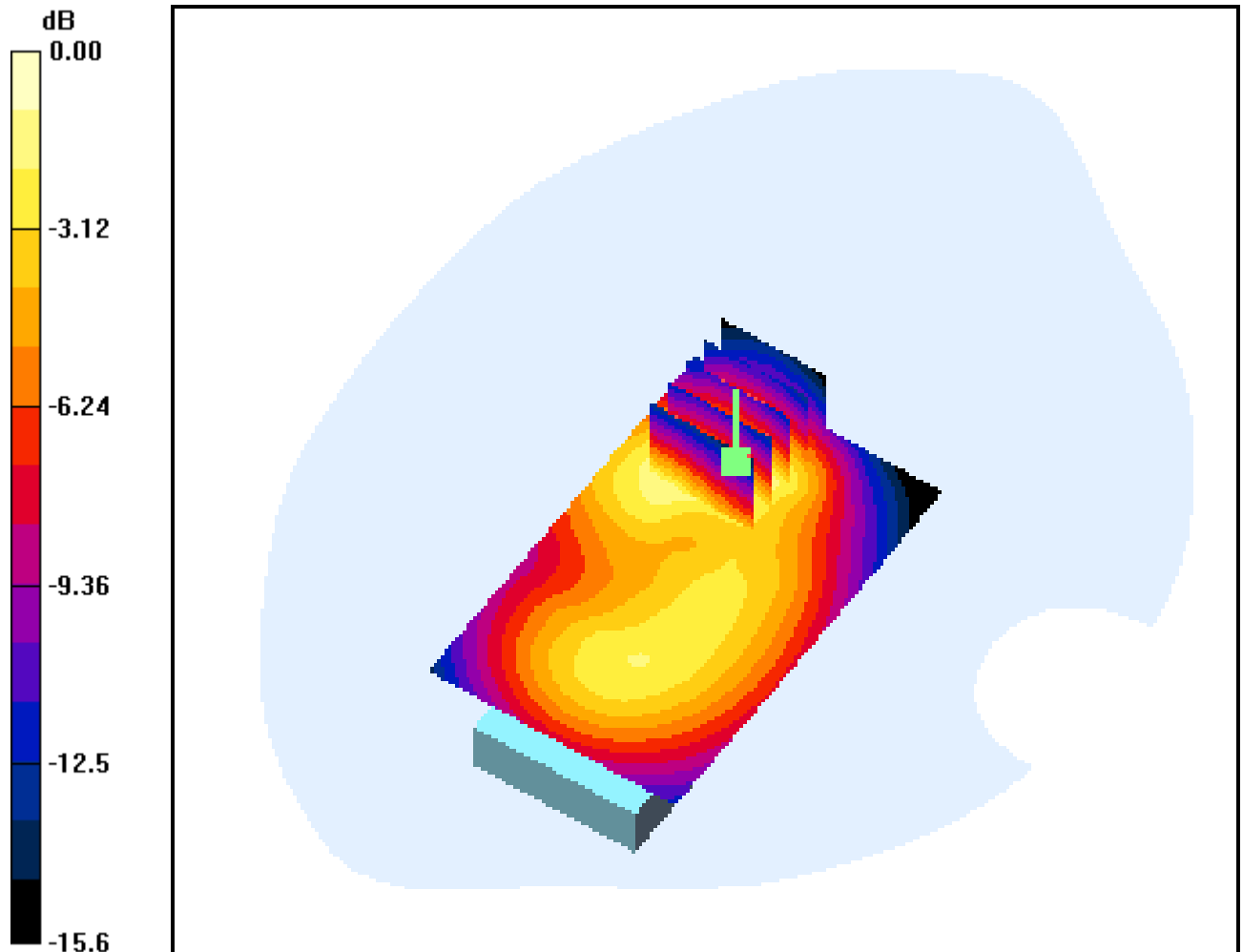
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.829 W/kg

SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.307 mW/g



0 dB = 0.583mW/g

DIGITAL EMC CO., LTD

DUT: VK3100; Type: Folder Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.76, 4.76, 4.76); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-06-01; Ambient Temp: 22.0; Tissue Temp: 21.5

1.5cm from Body, PCS Ch.661, Ant Intenna, Standard Battery, GPRS/BT ON

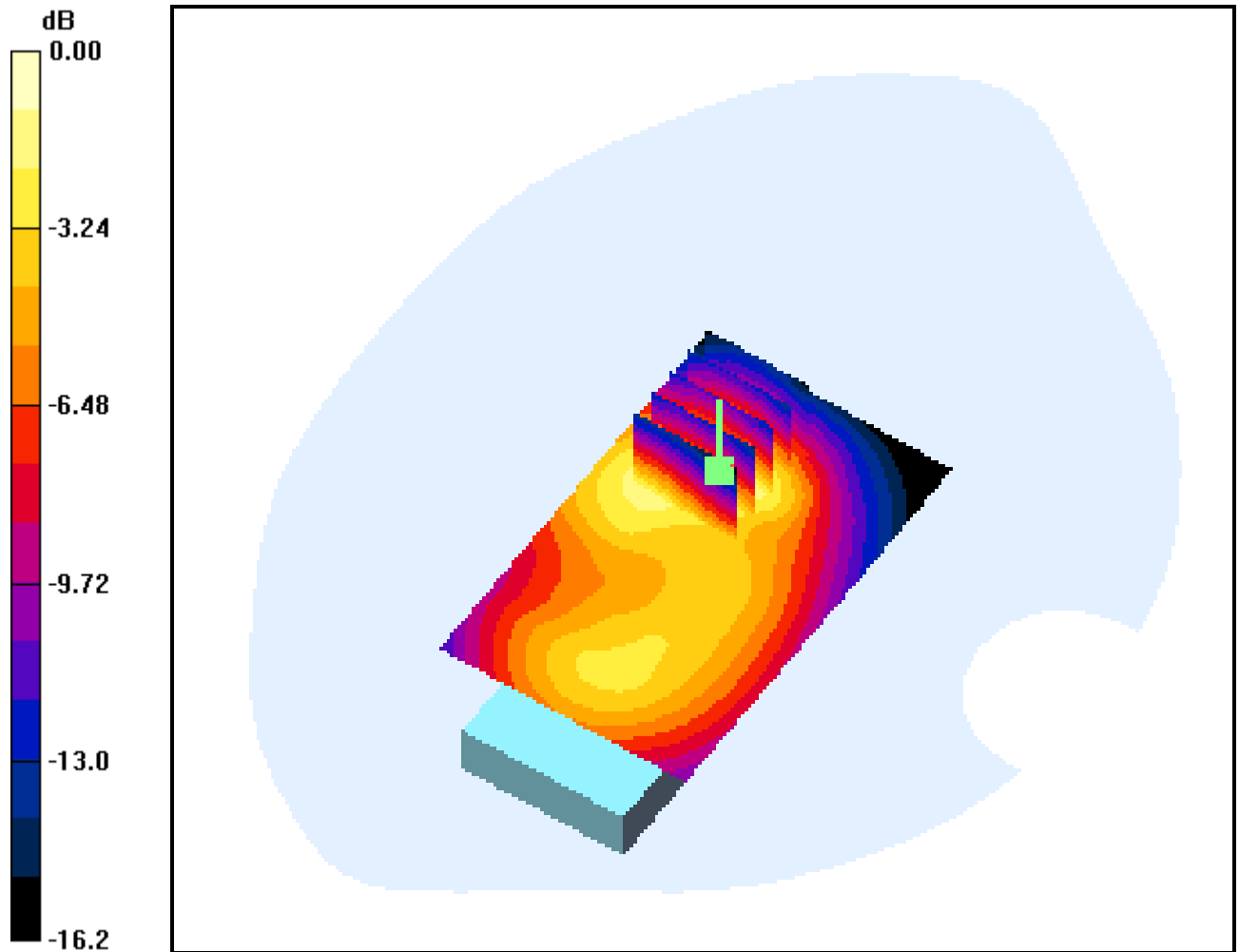
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.242 mW/g



0 dB = 0.468mW/g

DIGITAL EMC CO., LTD

DUT: VK3100; Type: Folder Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.76, 4.76, 4.76); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-06-01; Ambient Temp: 22.0; Tissue Temp: 21.5

1.5cm from Body, PCS Ch.810, Ant Intenna, Standard Battery, GPRS/BT ON

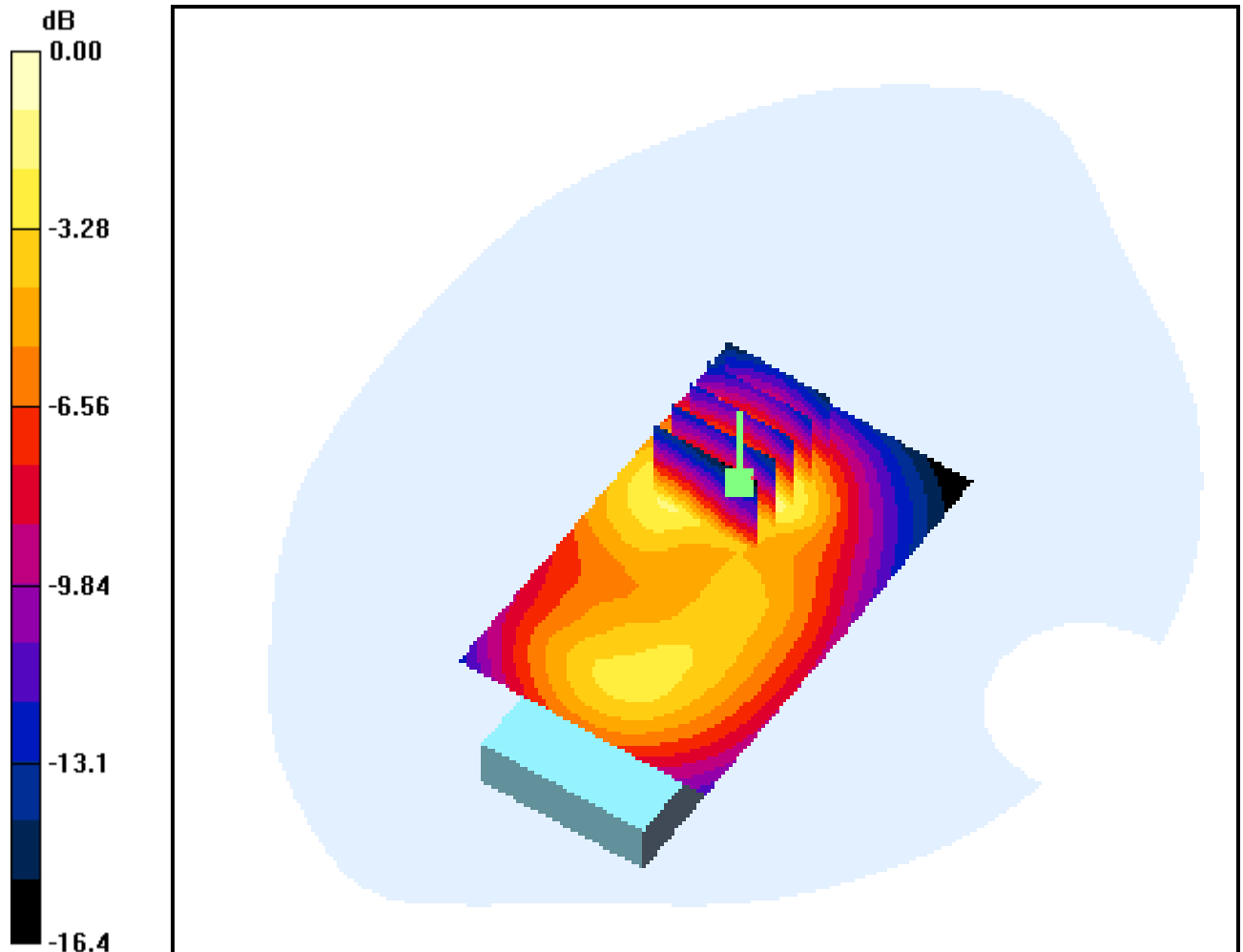
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.202 mW/g



0 dB = 0.394mW/g