
SAR TEST PLOTS

DIGITAL EMC CO., LTD

DUT: SXP-1080; Type: CDMA 2000 1x WLL Terminal

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.981 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.39, 6.39, 6.39); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2005-09-28; Ambient Temp: 23.0; Tissue Temp: 21.3

2.5cm from Body, CDMA Ch.1013, Ant Fixed, Charger mode

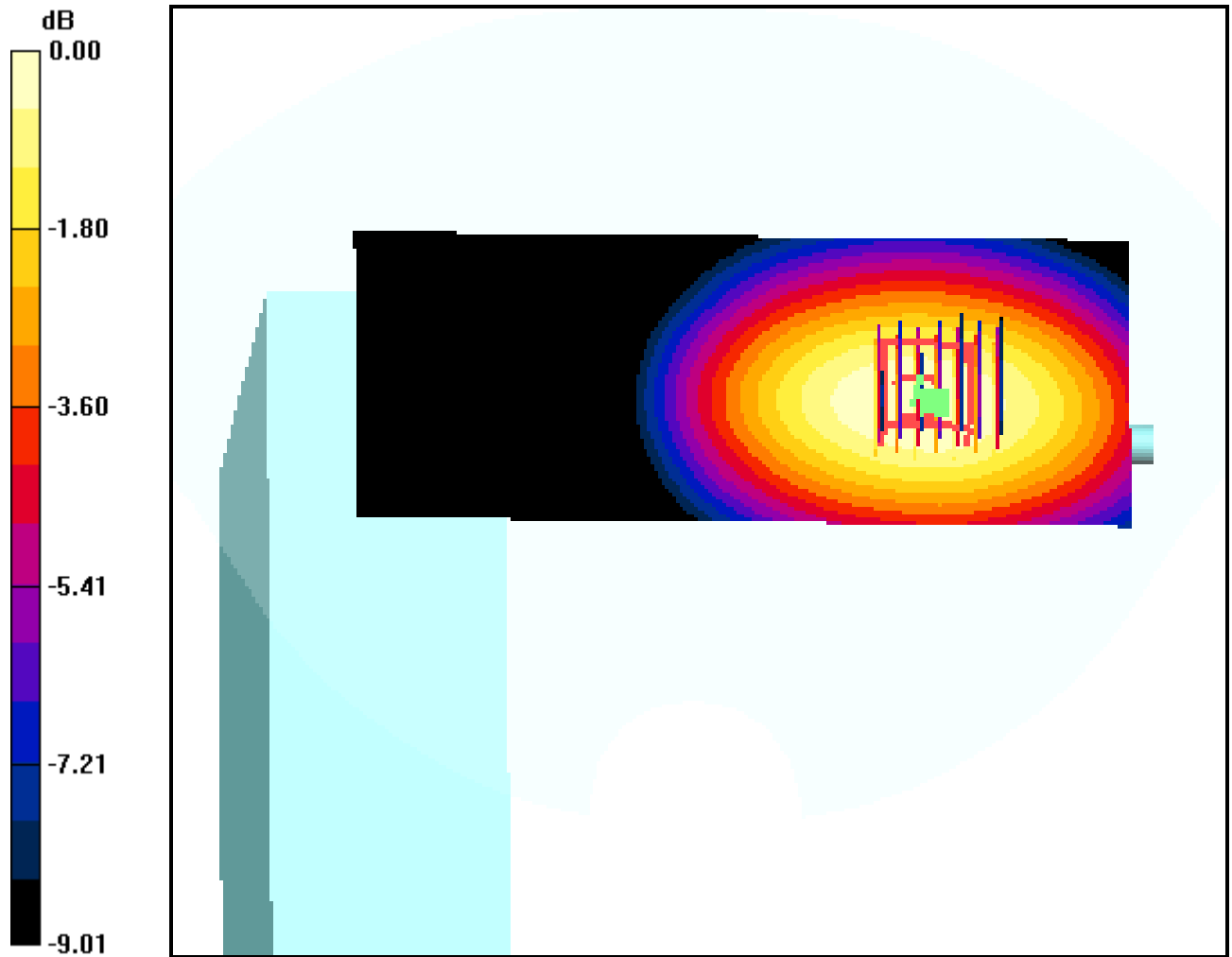
Area Scan (51x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.203 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.678 mW/g



0 dB = 1.00mW/g

DIGITAL EMC CO., LTD

DUT: SXP-1080; Type: CDMA 2000 1x WLLTerminal

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.39, 6.39, 6.39); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2005-09-28; Ambient Temp: 23.0; Tissue Temp: 21.3

2.5cm from Body, CDMA Ch.384, Ant Fixed, Charger mode

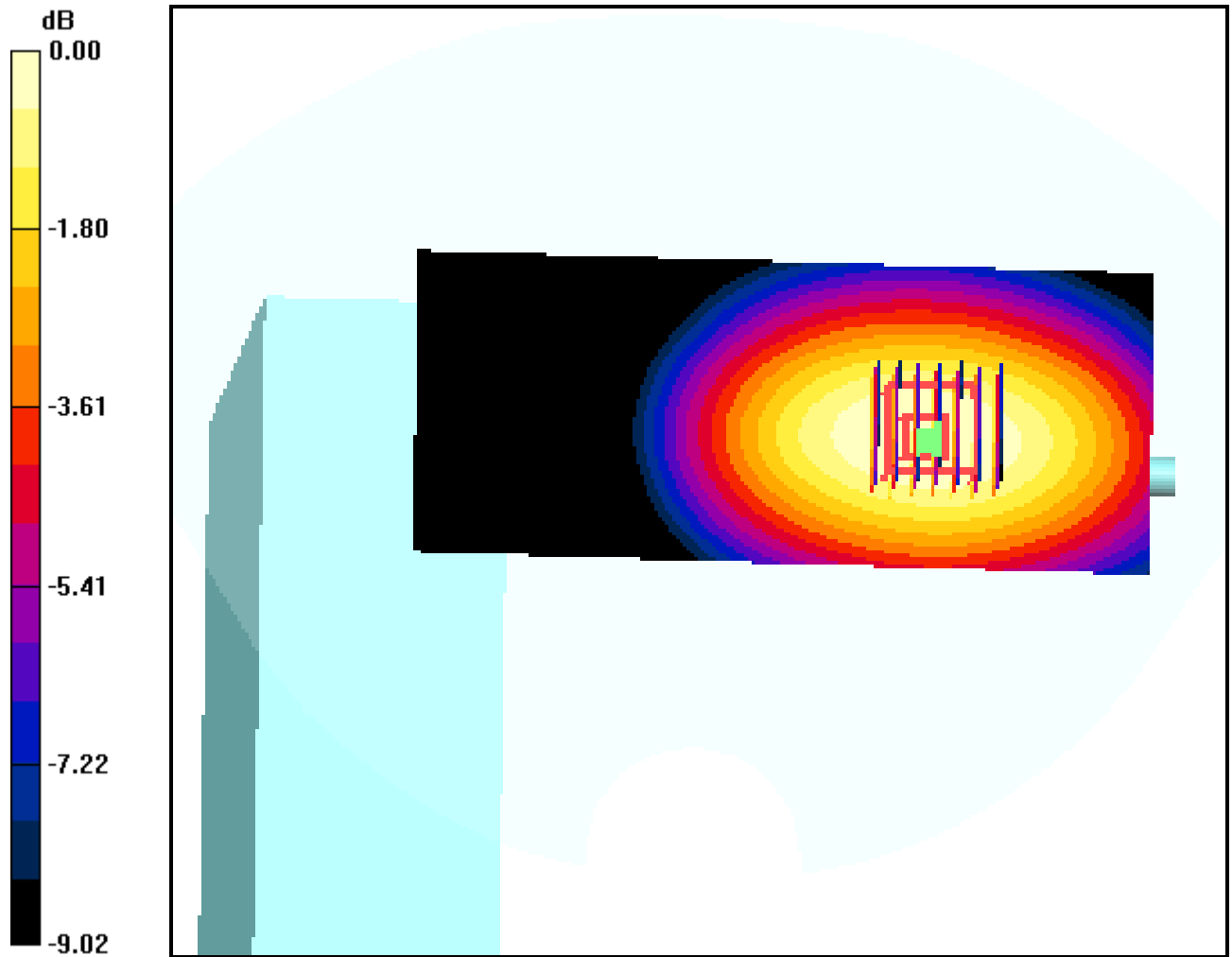
Area Scan (51x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.264 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.454 mW/g



0 dB = 0.684mW/g

DIGITAL EMC CO., LTD

DUT: SXP-1080; Type: CDMA 2000 1x WLL Terminal

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.39, 6.39, 6.39); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2005-09-28; Ambient Temp: 23.0; Tissue Temp: 21.3

2.5cm from Body, CDMA Ch.777, Ant Fixed, Charger mode

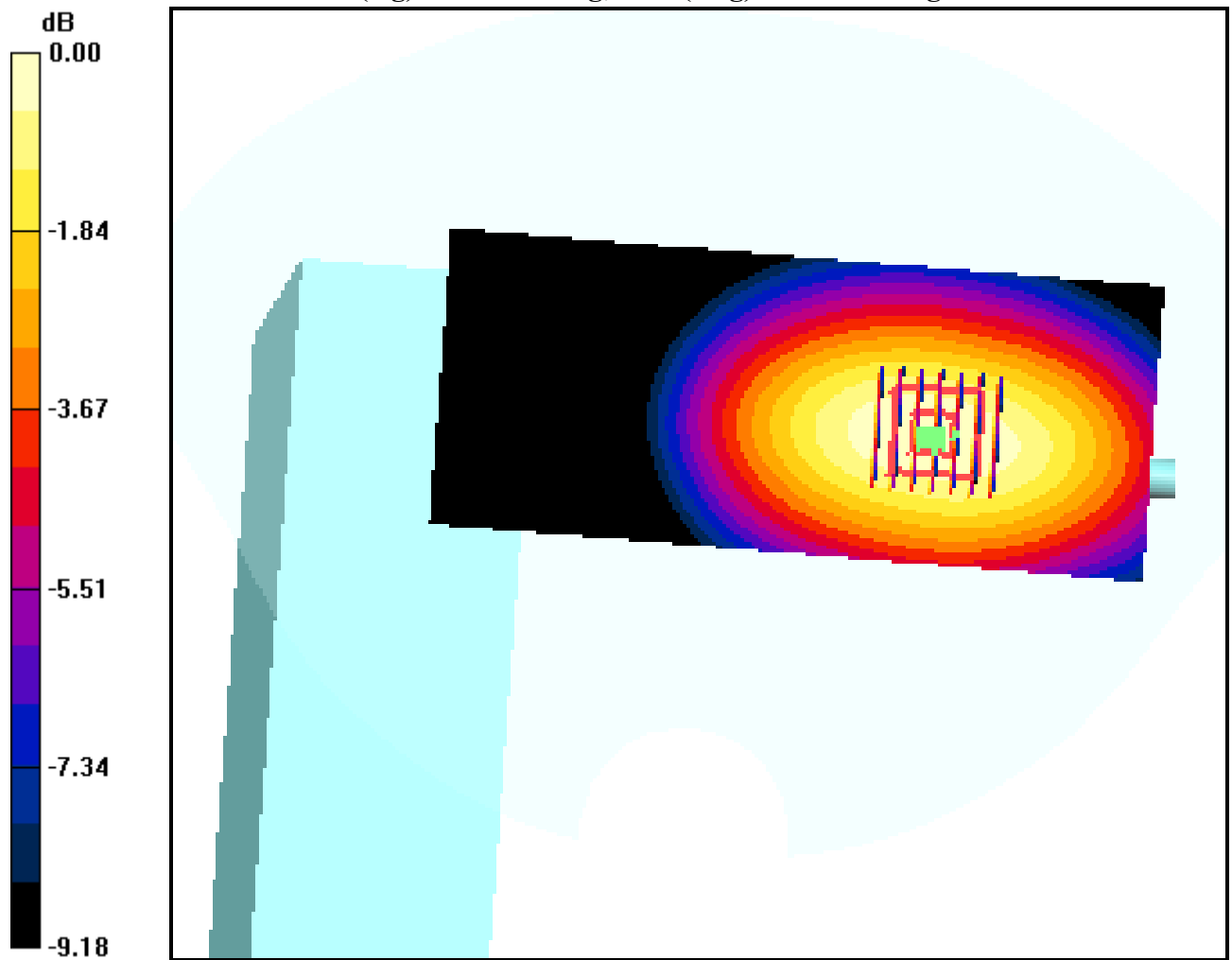
Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.419 mW/g



0 dB = 0.633mW/g