

[APPENDIX A] Test Set-Up Photos

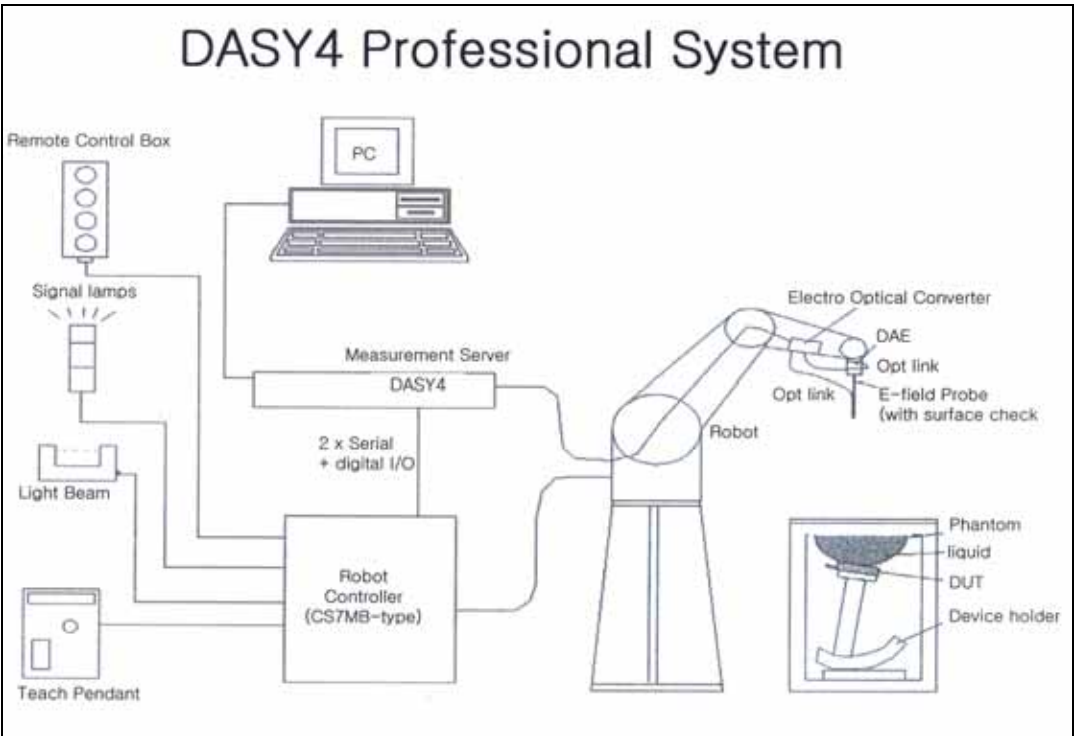
[DUT Front]



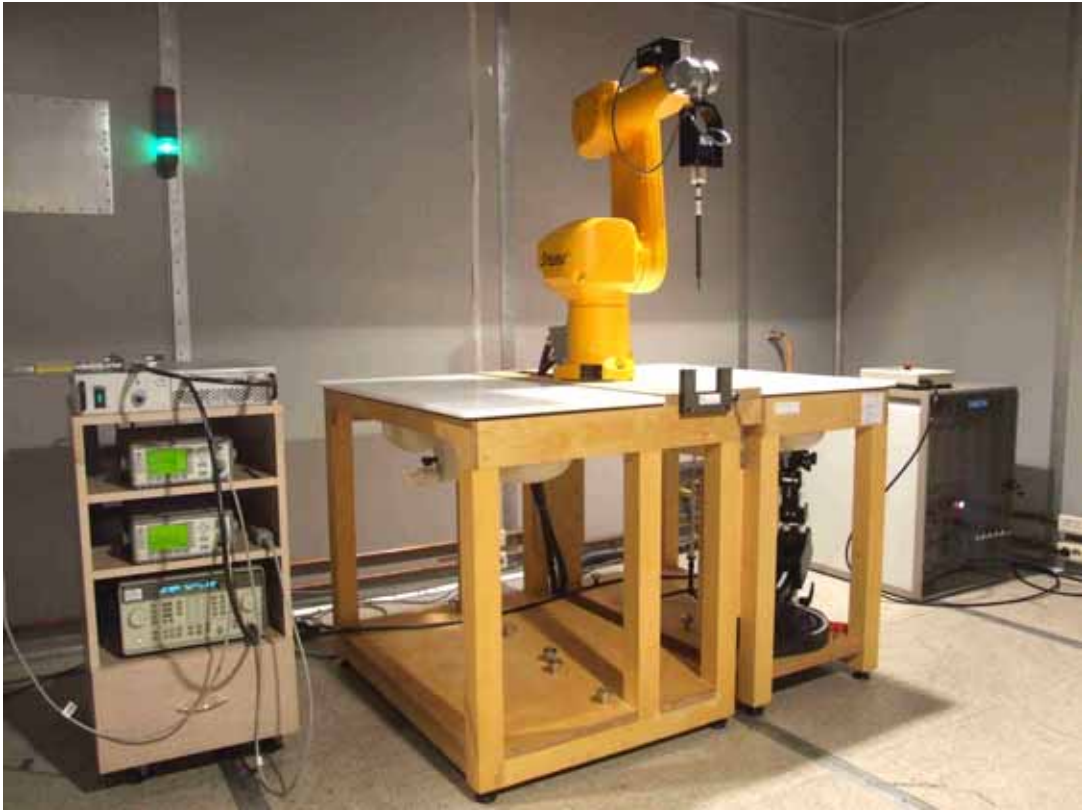
[DUT Rear]



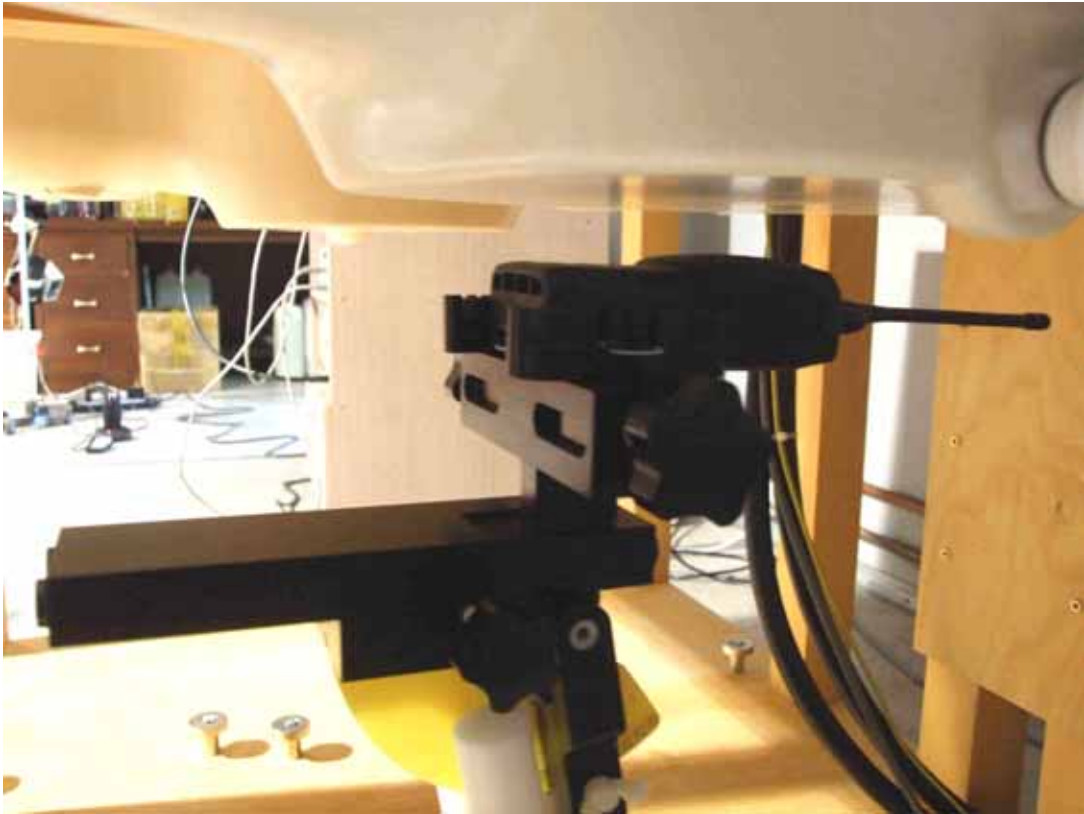
[System Configuration]



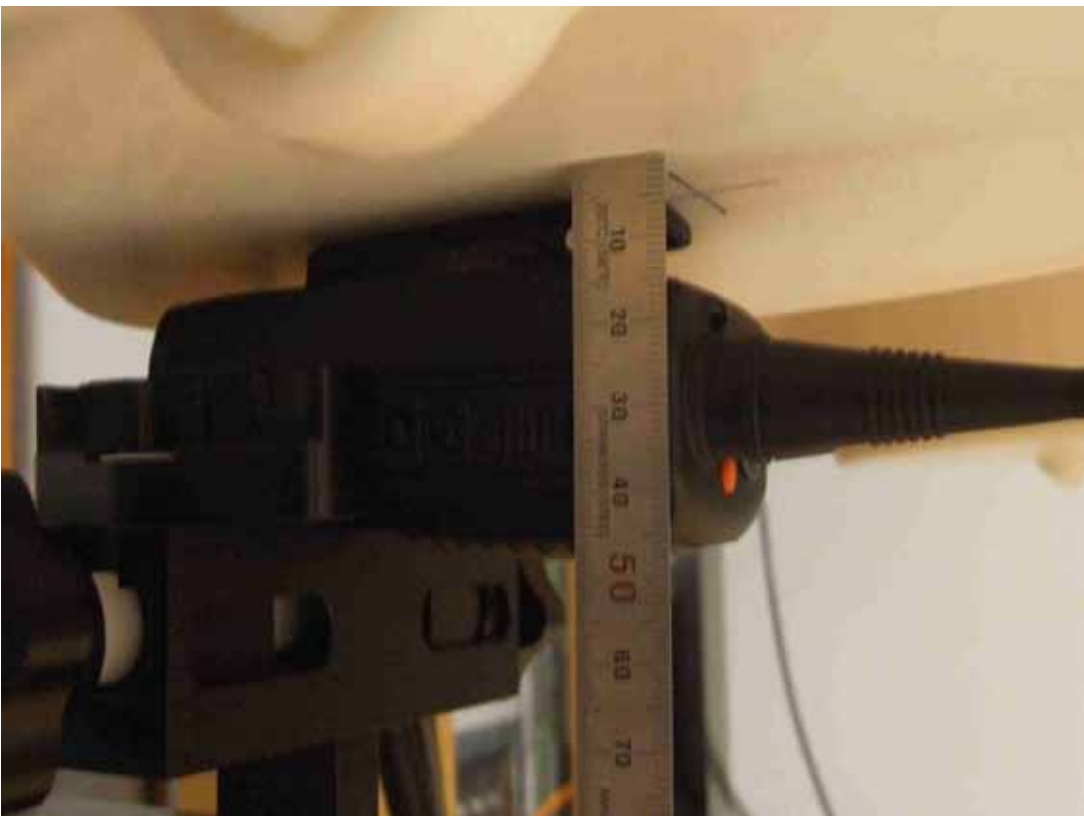
[System Configuration Photo]



[Body Front]

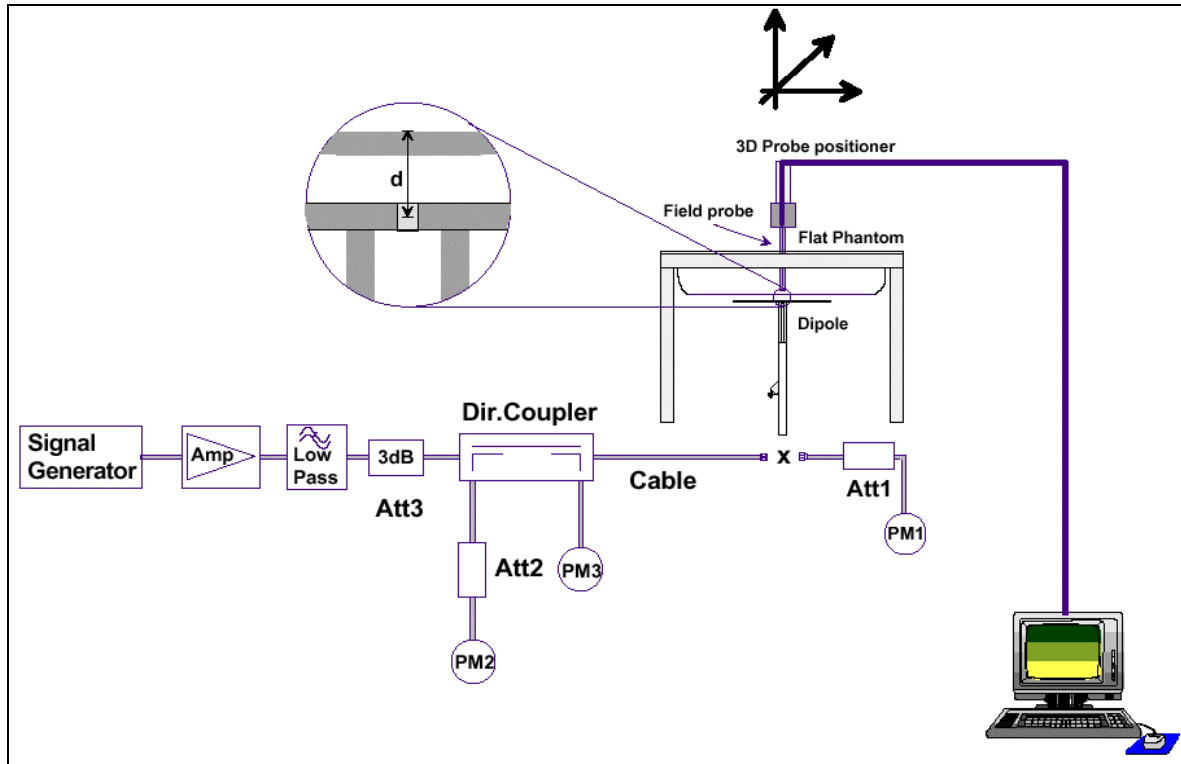


[Body Back]



[APPENDIX B] System Validation Checking Scans

[Validation Checking Configuration]



[Validation Checking Photo]



Test Laboratory: KETI

SystemPerformanceCheck - D450

DUT: Dipole 450 MHz; Type: D450V3; Serial: D450V3 - SN: 1056

Communication System: CW; Frequency: 450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 450$ MHz; $\sigma = 0.853$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31
- Sensor - Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn580; Calibrated: 2007-03-16
- Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

d=15mm, Pin=398mW/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.01 mW/g

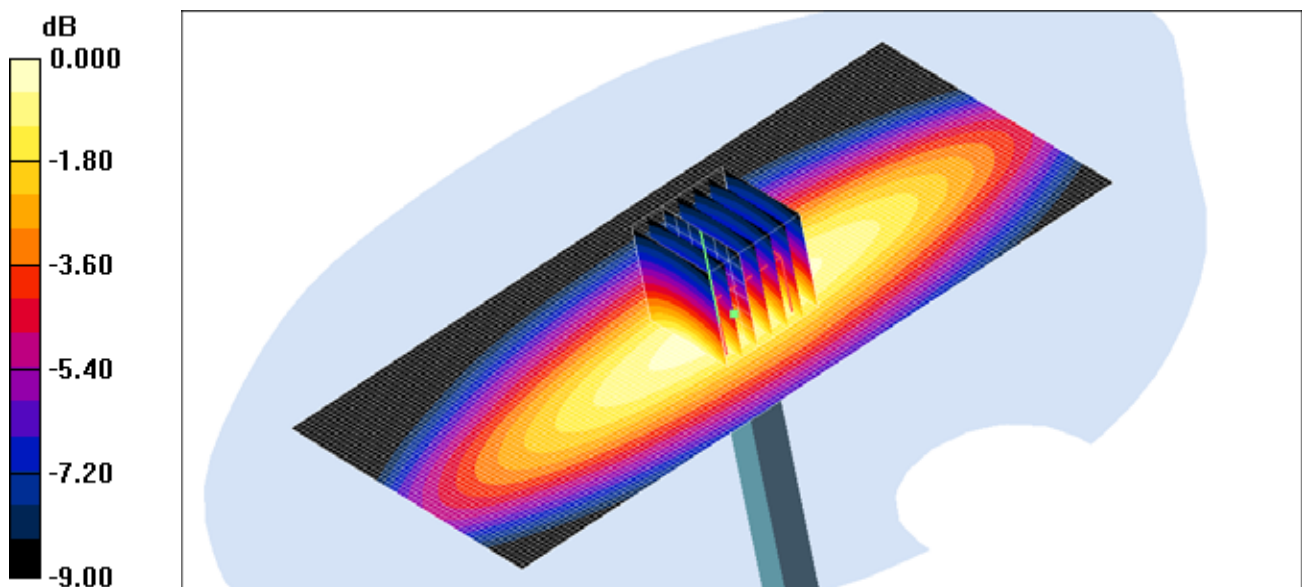
d=15mm, Pin=398mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.8 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 1.87 mW/g; SAR(10 g) = 1.26 mW/g

Maximum value of SAR (measured) = 2.03 mW/g



0 dB = 2.03mW/g

[APPENDIX C] Measurement Scans

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band ; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.838$ mho/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 4W

Ch Space=12.5 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

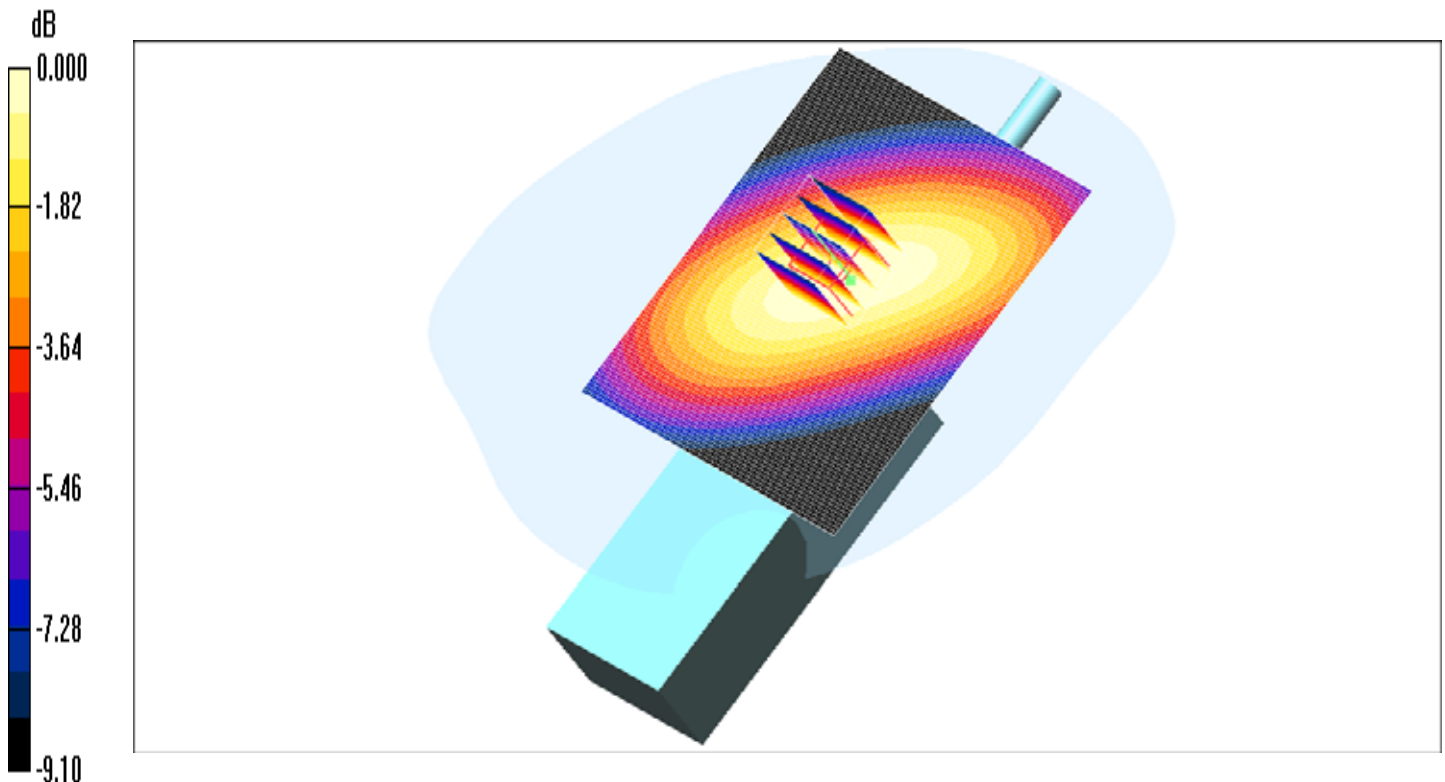
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.452 dB

Peak SAR (extrapolated) = 8.76 W/kg

SAR(1 g) = 6.52 mW/g; SAR(10 g) = 4.8 mW/g



0 dB = 6.84mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band ; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.838$ mho/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHz; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 4W

Ch Space=25 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

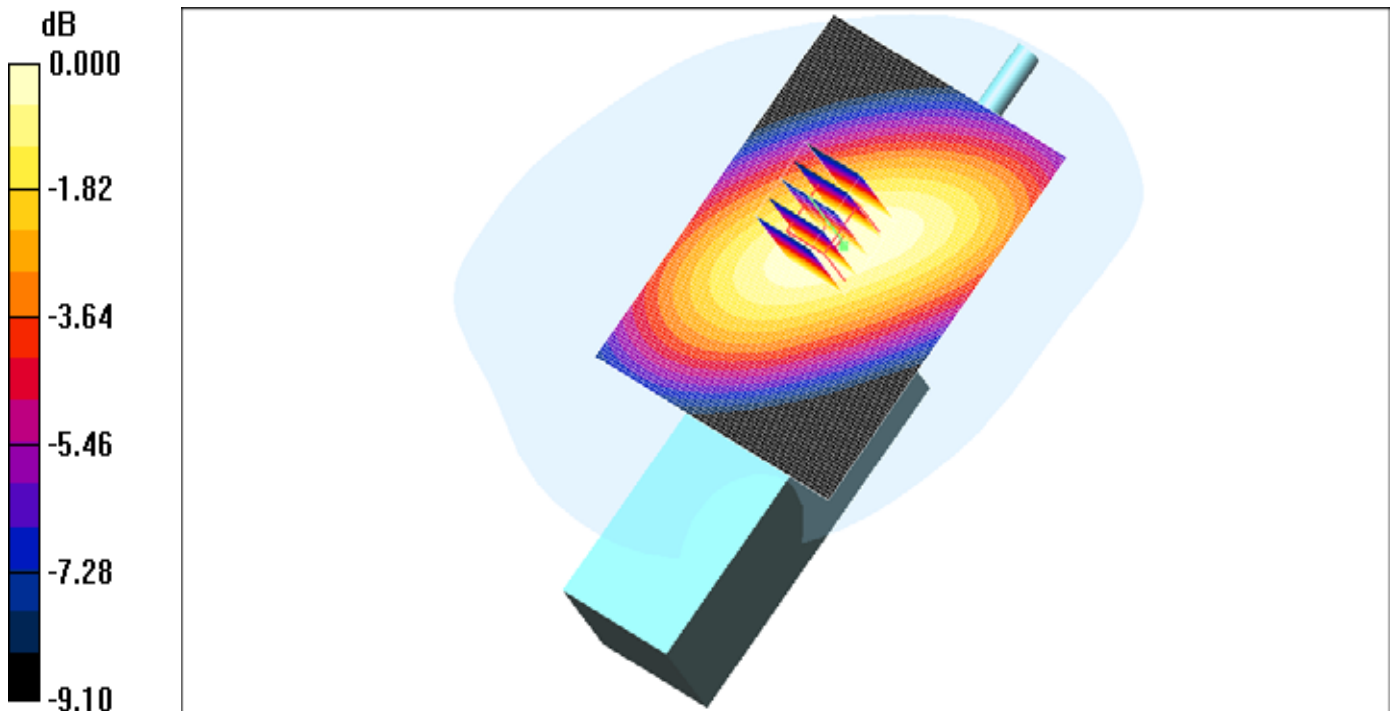
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.392 dB

Peak SAR (extrapolated) = 8.48 W/kg

SAR(1 g) = 6.32 mW/g; SAR(10 g) = 4.66 mW/g



0 dB = 6.63mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band; Frequency: 456.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 456.025$ MHz; $\sigma = 0.858$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 4W

Ch Space=12.5 kHz; FM Mode; Freq=456.025 MHz; Standard Battery

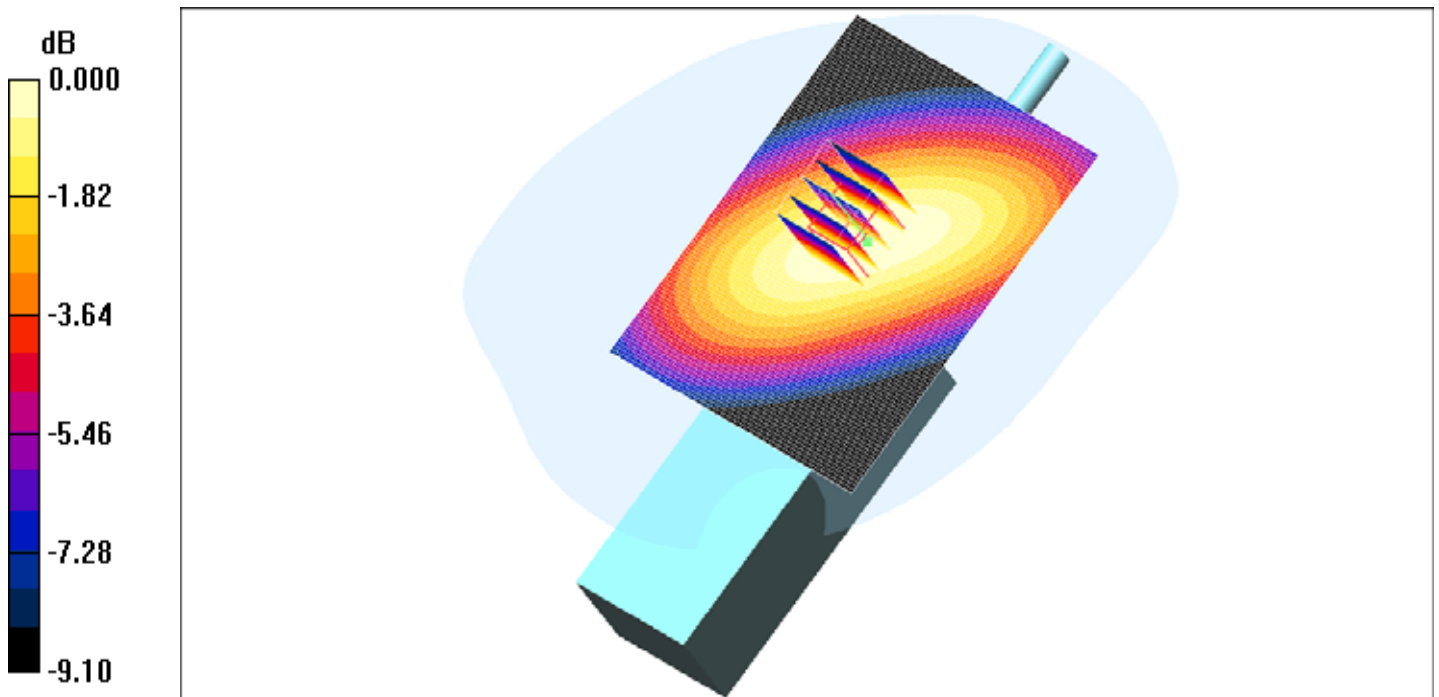
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.111 dB

Peak SAR (extrapolated) = 6.77 W/kg

SAR(1 g) = 4.99 mW/g; SAR(10 g) = 3.65 mW/g



0 dB = 5.25mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band; Frequency: 456.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 456.025$ MHz; $\sigma = 0.858$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 4W

Ch Space=25 kHz; FM Mode; Freq=456.025 MHz; Standard Battery

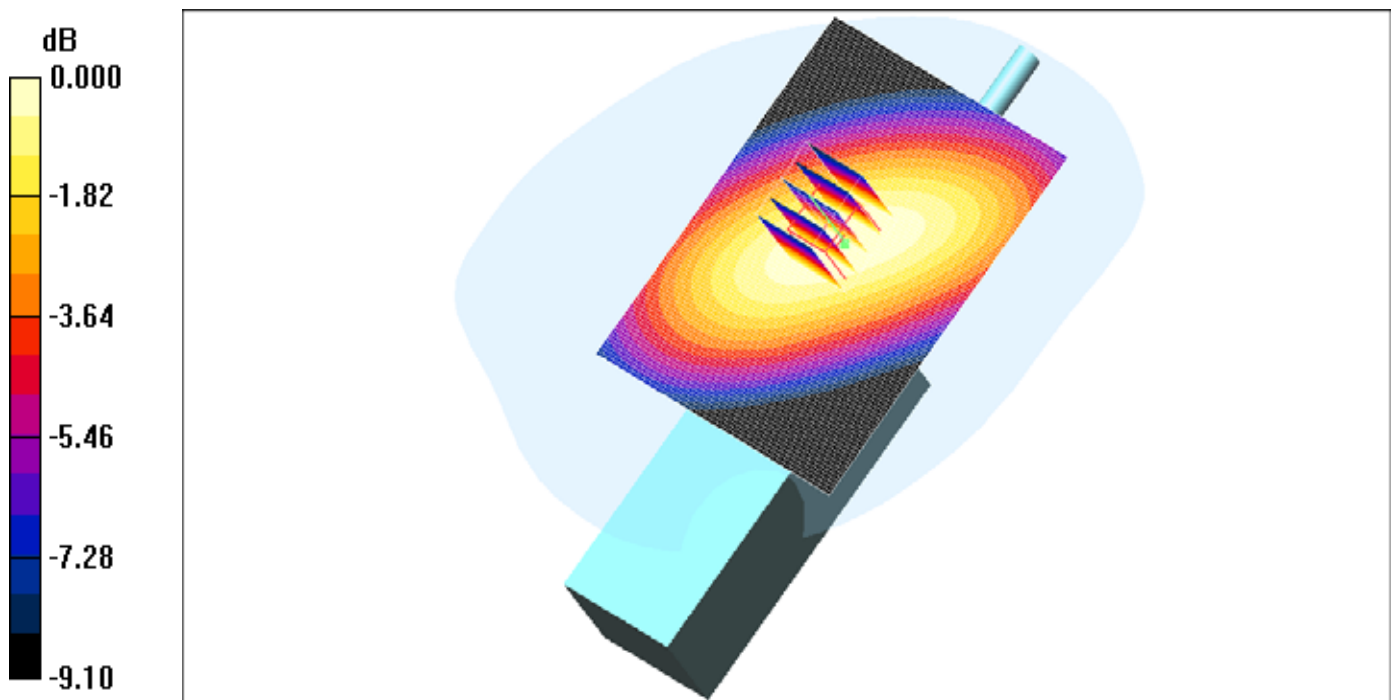
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.119 dB

Peak SAR (extrapolated) = 7.05 W/kg

SAR(1 g) = 5.17 mW/g; SAR(10 g) = 3.8 mW/g



0 dB = 5.40mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band; Frequency: 511.975 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 511.975$ MHz; $\sigma = 0.905$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHz; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 4W

Ch Space=12.5 kHz; FM Mode; Freq=511.975 MHz; Standard Battery

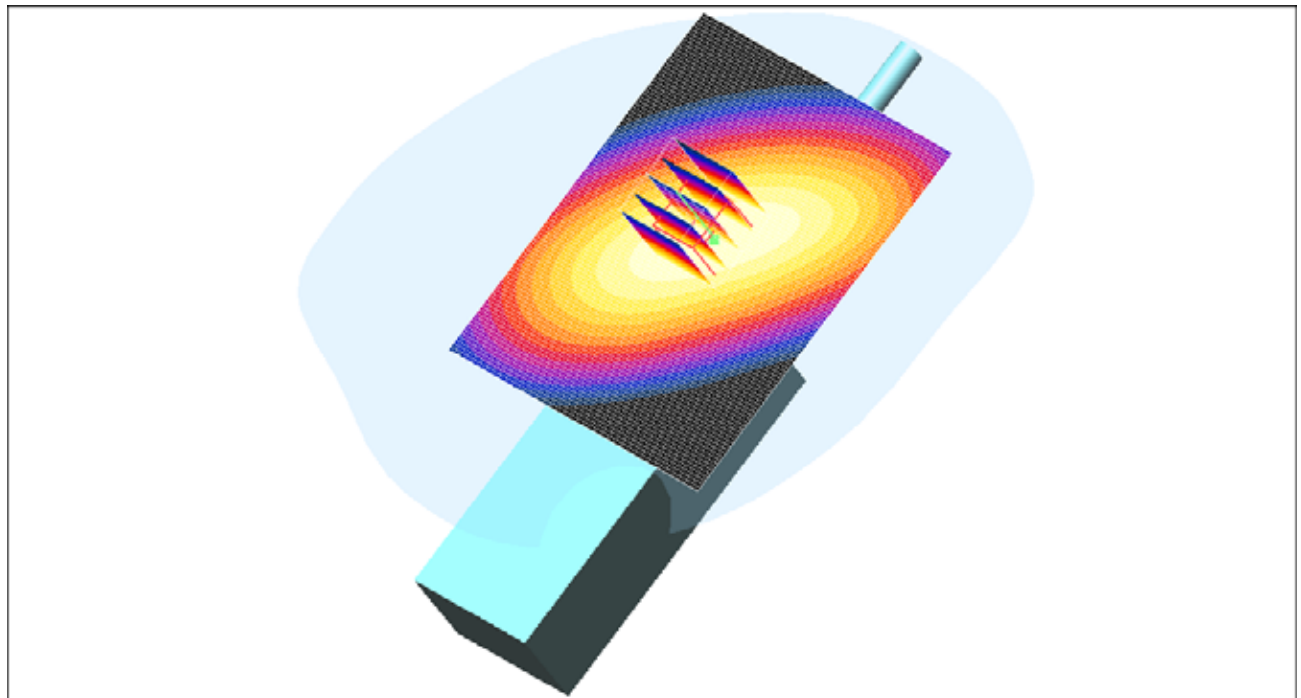
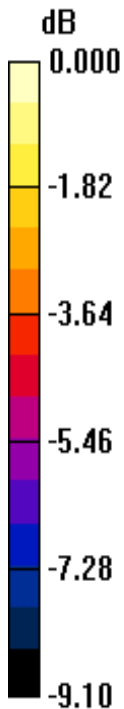
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.110 dB

Peak SAR (extrapolated) = 5.41 W/kg

SAR(1 g) = 3.95 mW/g; SAR(10 g) = 2.85 mW/g



0 dB = 4.16mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band; Frequency: 511.975 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 511.975$ MHz; $\sigma = 0.905$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 4W

Ch Space=25 kHz; FM Mode; Freq=511.975 MHz; Standard Battery

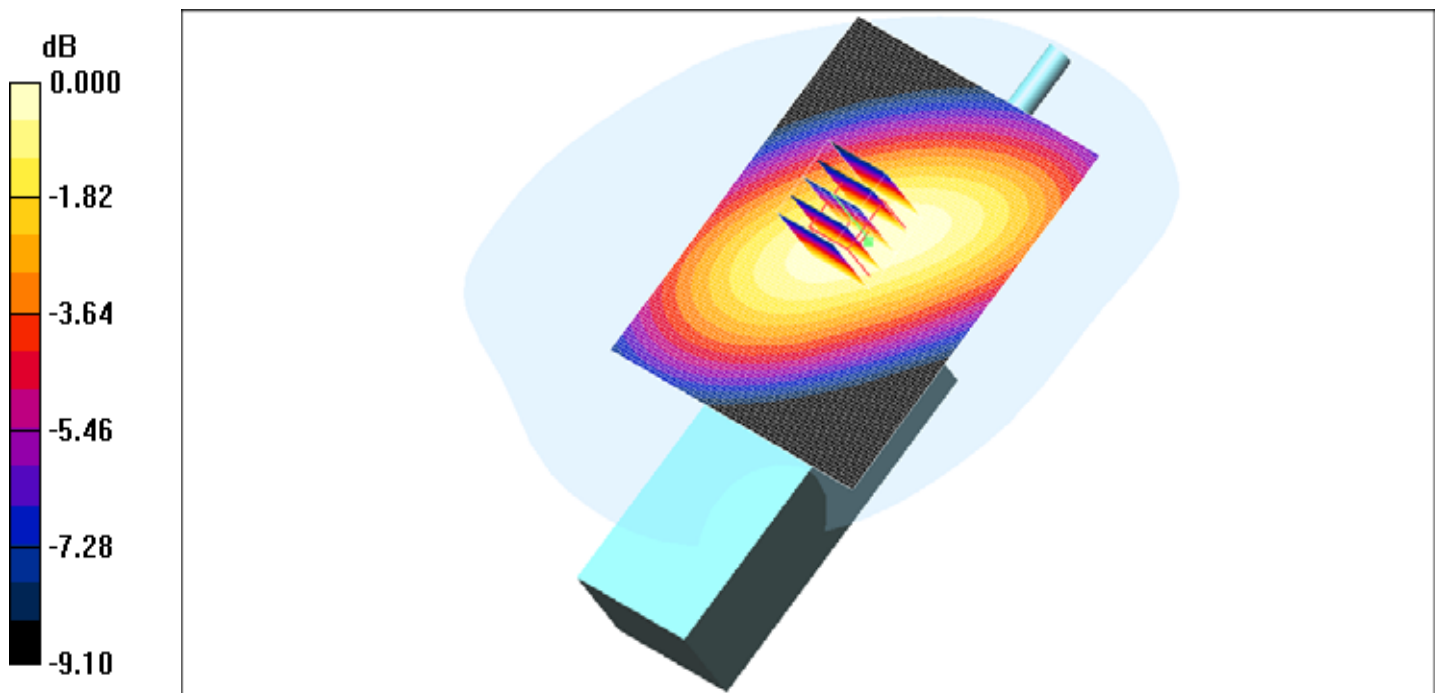
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.096 dB

Peak SAR (extrapolated) = 5.28 W/kg

SAR(1 g) = 3.86 mW/g; SAR(10 g) = 2.79 mW/g



0 dB = 4.06mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band ; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.838$ mho/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 2W

Ch Space=12.5 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

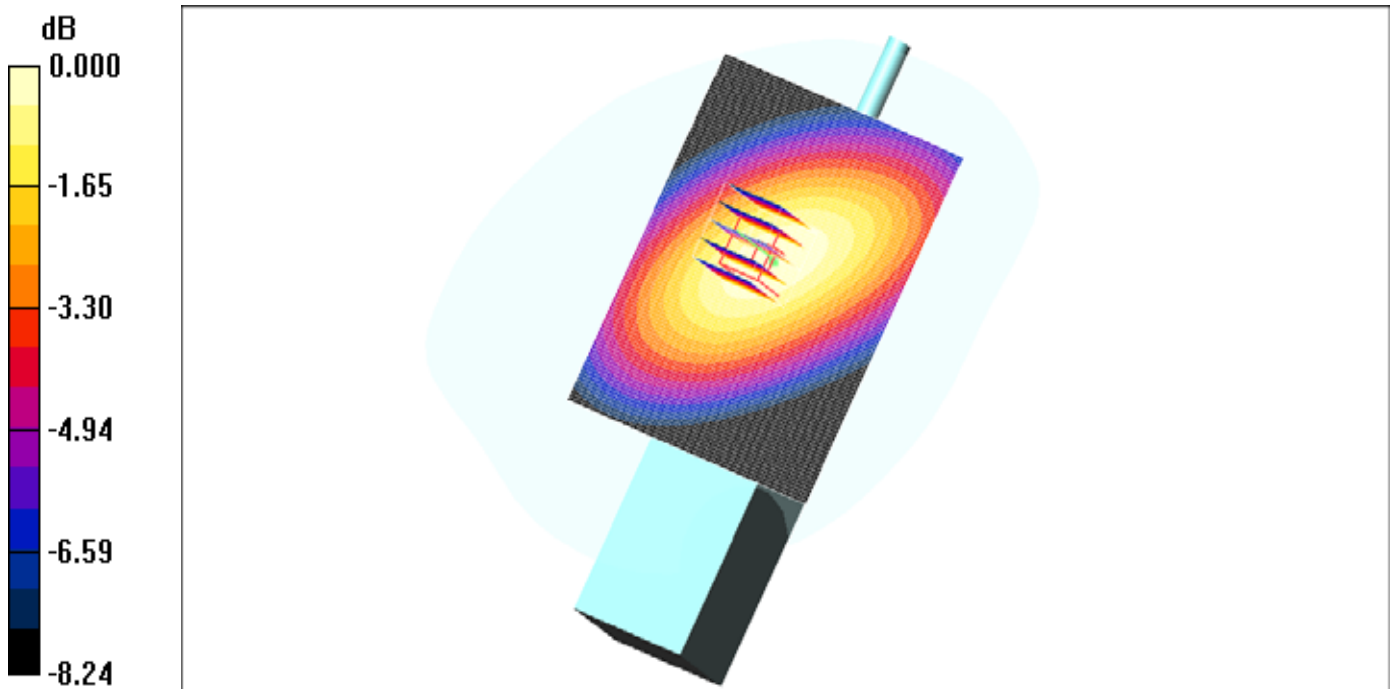
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.015 dB

Peak SAR (extrapolated) = 6.45 W/kg

SAR(1 g) = 4.82 mW/g; SAR(10 g) = 3.57 mW/g



0 dB = 5.06mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band ; Frequency: 400.025 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.838$ mho/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 2W

Ch Space=25 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

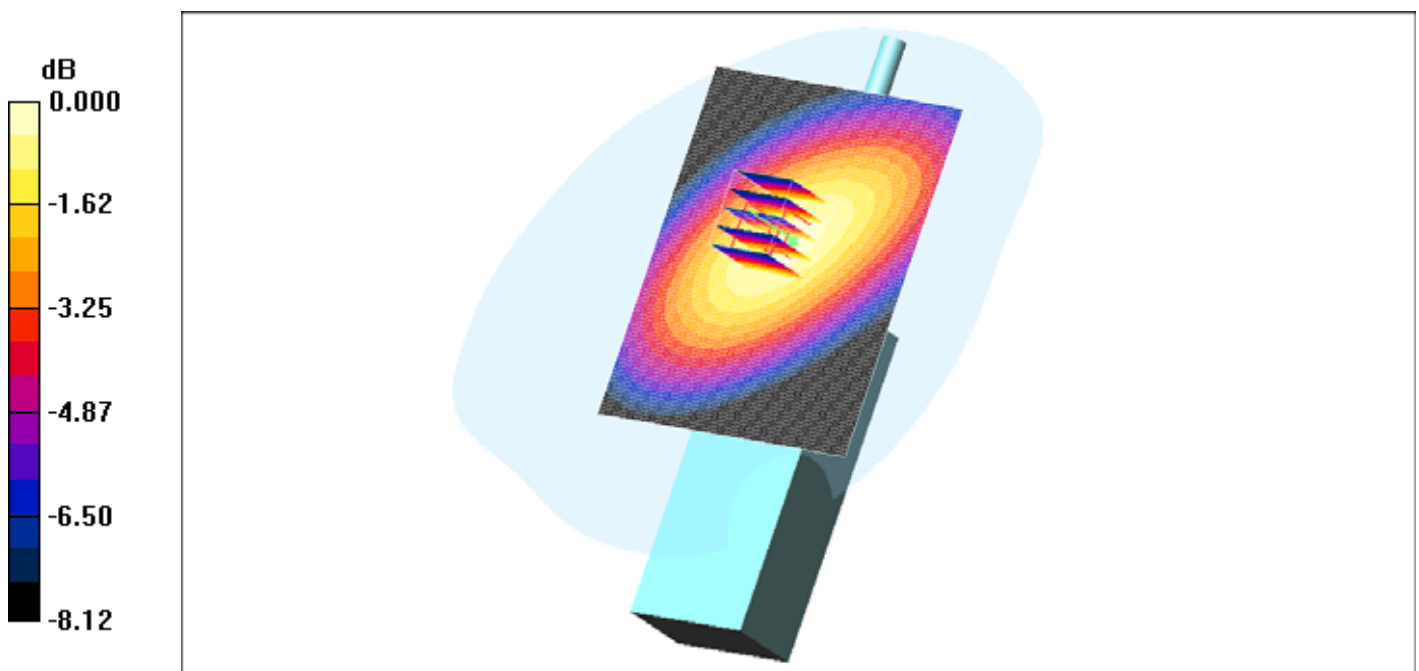
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.275 dB

Peak SAR (extrapolated) = 6.73 W/kg

SAR(1 g) = 5.03 mW/g; SAR(10 g) = 3.71 mW/g



0 dB = 5.28mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 58.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 4W

Ch Space=12.5 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

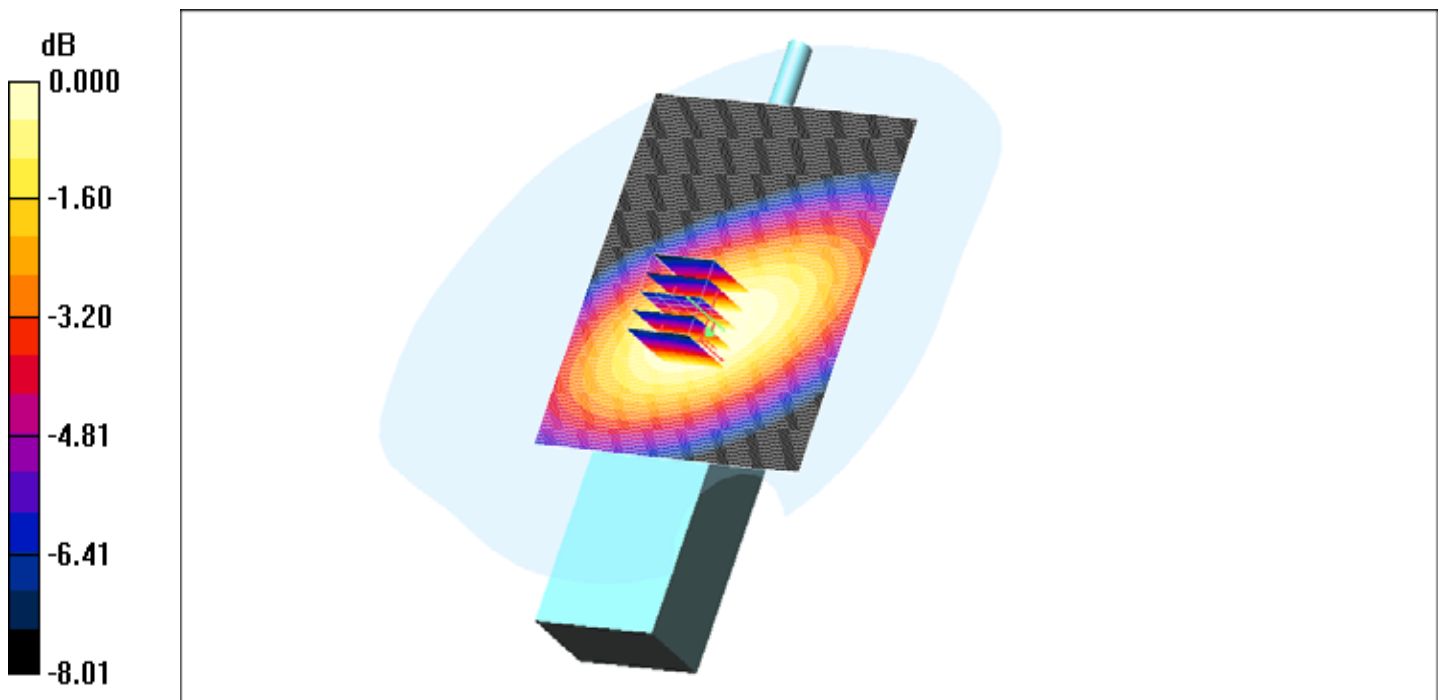
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.327 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 8.91 mW/g; SAR(10 g) = 6.55 mW/g



0 dB = 9.30mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 58.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 4W

Ch Space=25 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

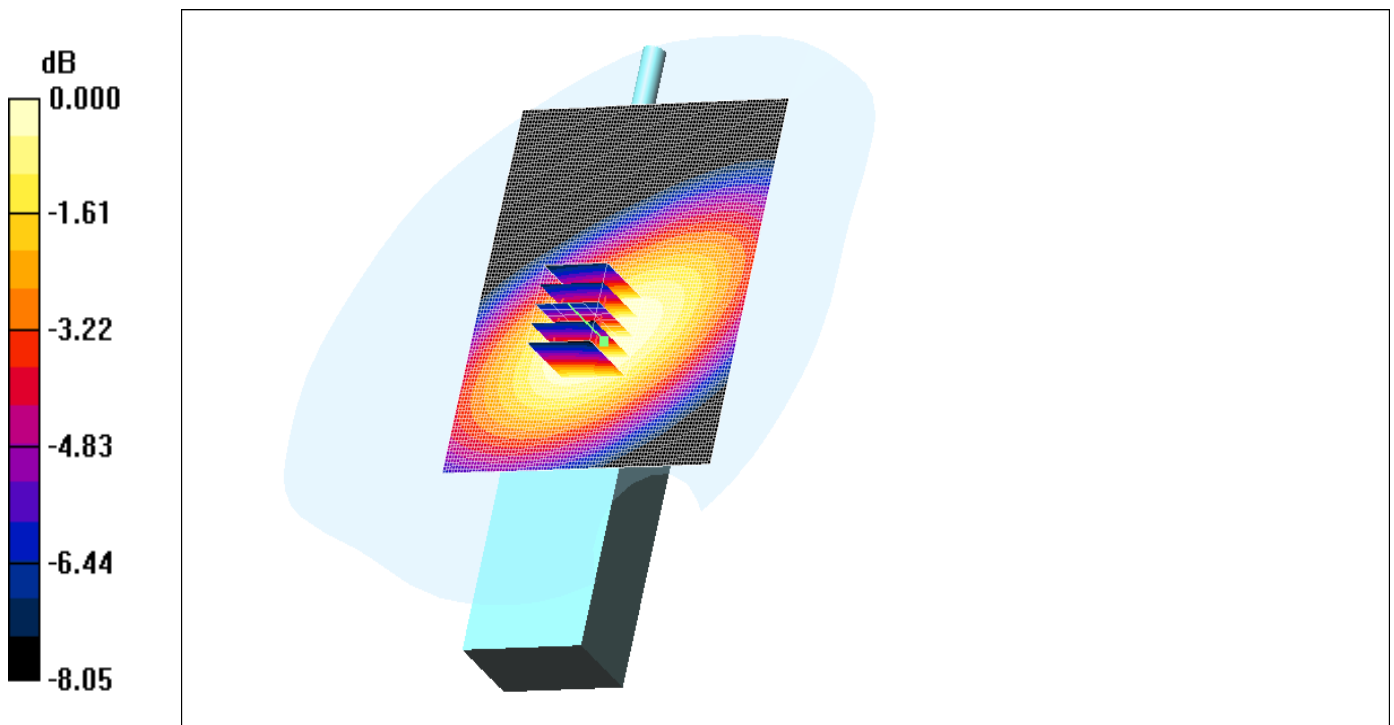
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.129 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 8.17 mW/g; SAR(10 g) = 6.03 mW/g



0 dB = 8.57mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 456.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 456.025$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 4W

Ch Space=12.5 kHz; FM Mode; Freq=456.025 MHz; Standard Battery

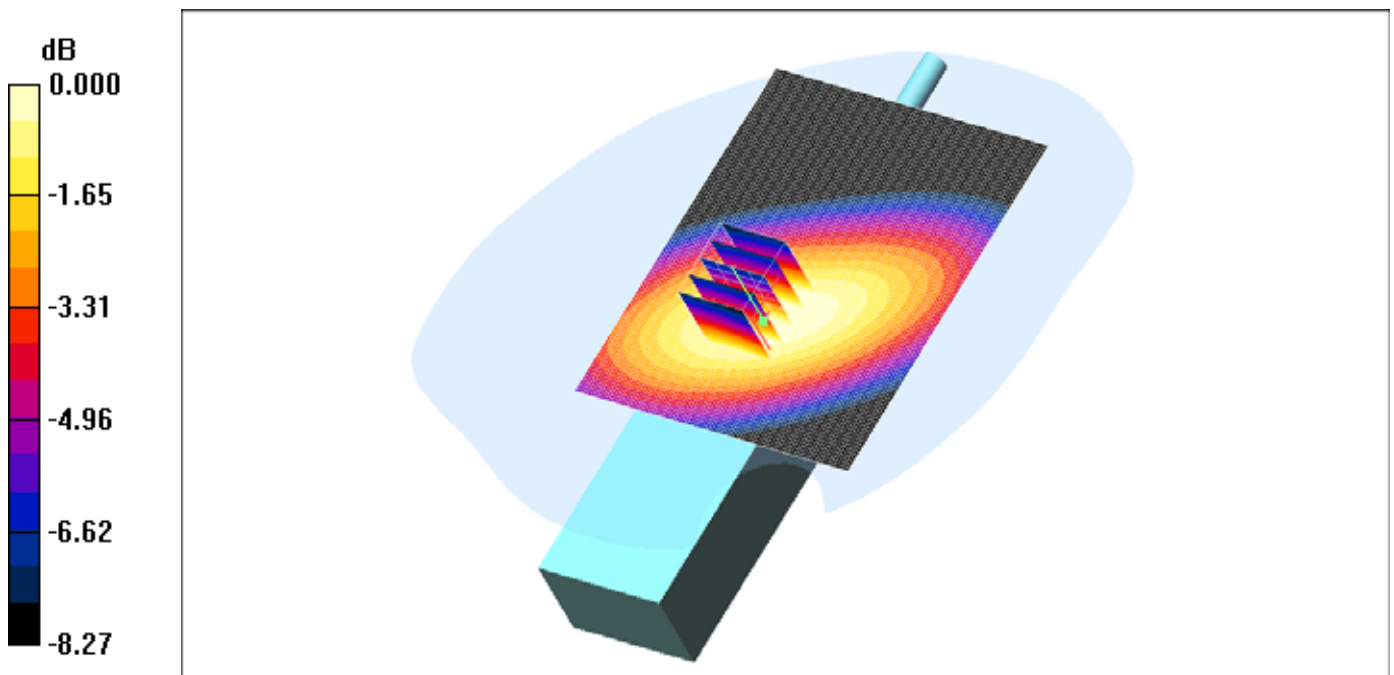
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.199 dB

Peak SAR (extrapolated) = 8.88 W/kg

SAR(1 g) = 6.5 mW/g; SAR(10 g) = 4.77 mW/g



0 dB = 6.83mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 456.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 456.025$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 4W

Ch Space=25 kHz; FM Mode; Freq=456.025 MHz; Standard Battery

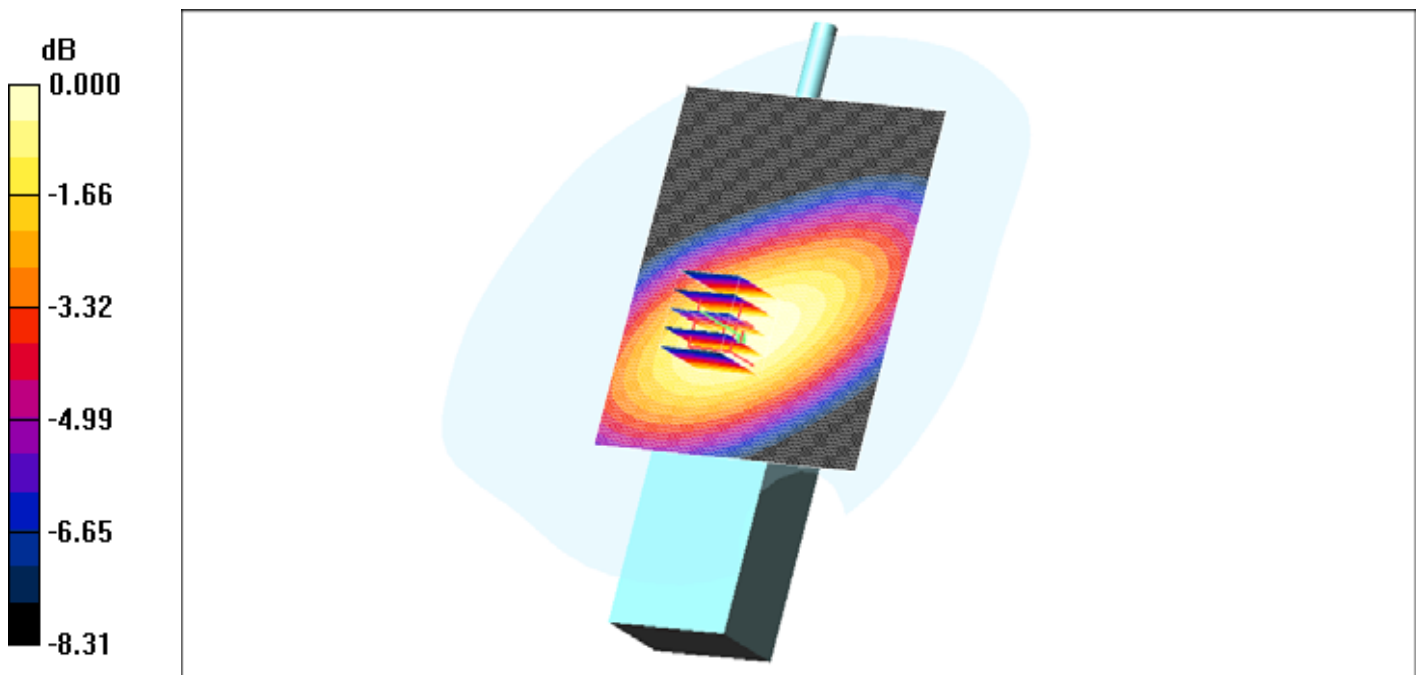
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.129 dB

Peak SAR (extrapolated) = 8.82 W/kg

SAR(1 g) = 6.46 mW/g; SAR(10 g) = 4.74 mW/g



0 dB = 6.78mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 511.975 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 511.975$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 4W

Ch Space=12.5 kHz; FM Mode; Freq=511.975 MHz; Standard Battery

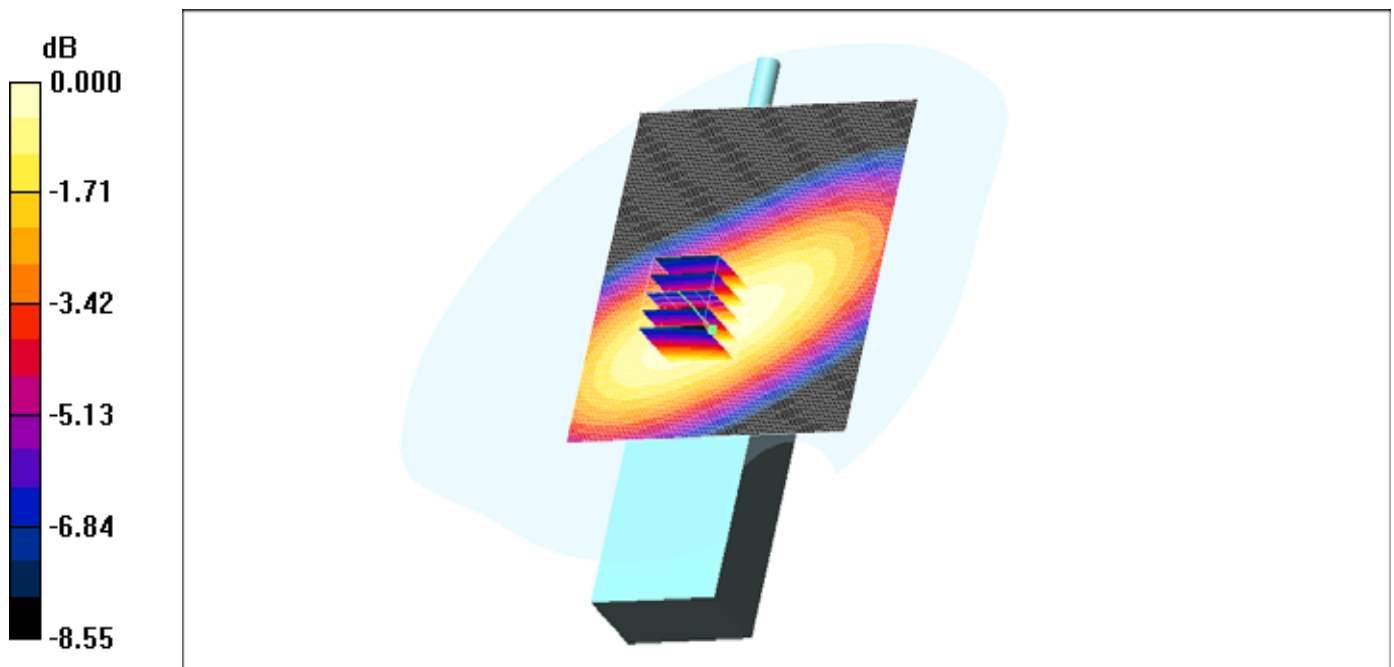
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.093 dB

Peak SAR (extrapolated) = 6.50 W/kg

SAR(1 g) = 4.72 mW/g; SAR(10 g) = 3.45 mW/g



0 dB = 4.97mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 511.975 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 511.975$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 4W

Ch Space=25 kHz; FM Mode; Freq=511.975 MHz; Standard Battery

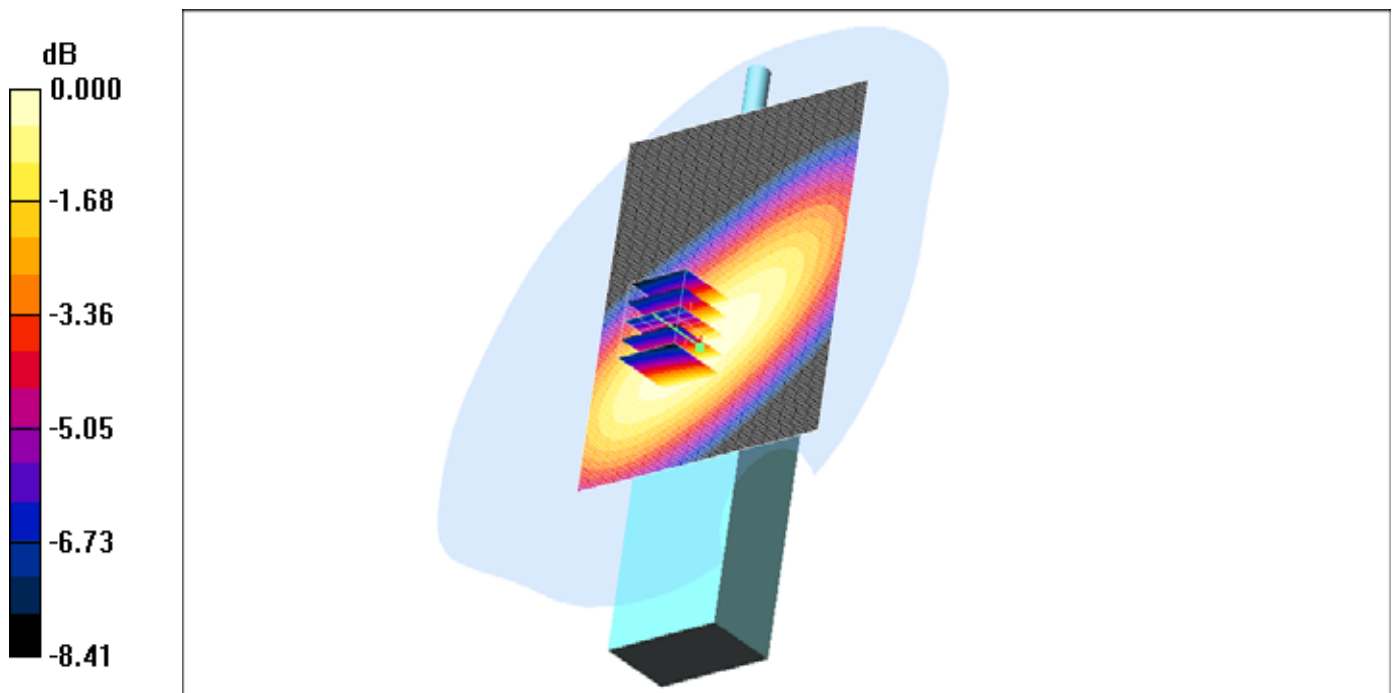
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.130 dB

Peak SAR (extrapolated) = 6.40 W/kg

SAR(1 g) = 4.64 mW/g; SAR(10 g) = 3.39 mW/g



0 dB = 4.88mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 58.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 2W

Ch Space=12.5 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

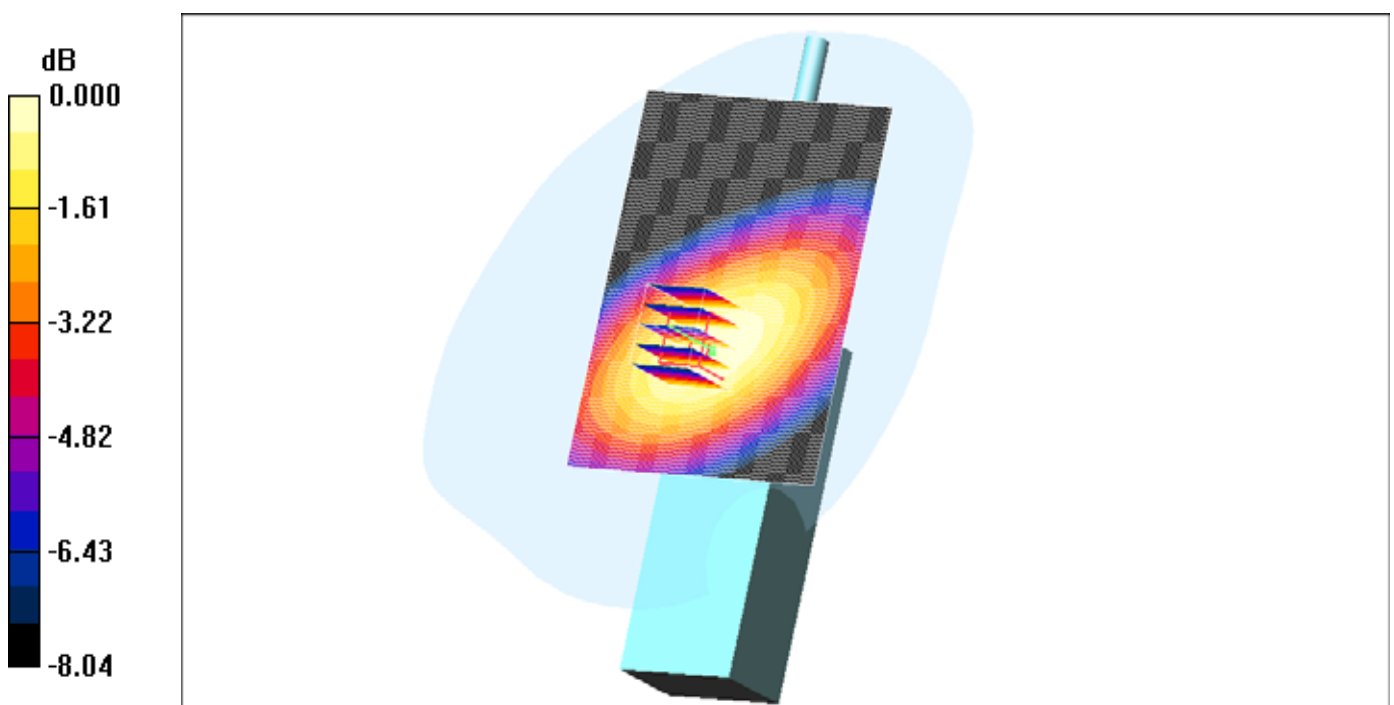
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.023 dB

Peak SAR (extrapolated) = 7.53 W/kg

SAR(1 g) = 5.58 mW/g; SAR(10 g) = 4.13 mW/g



0 dB = 5.86mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 58.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 2W

Ch Space=25 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

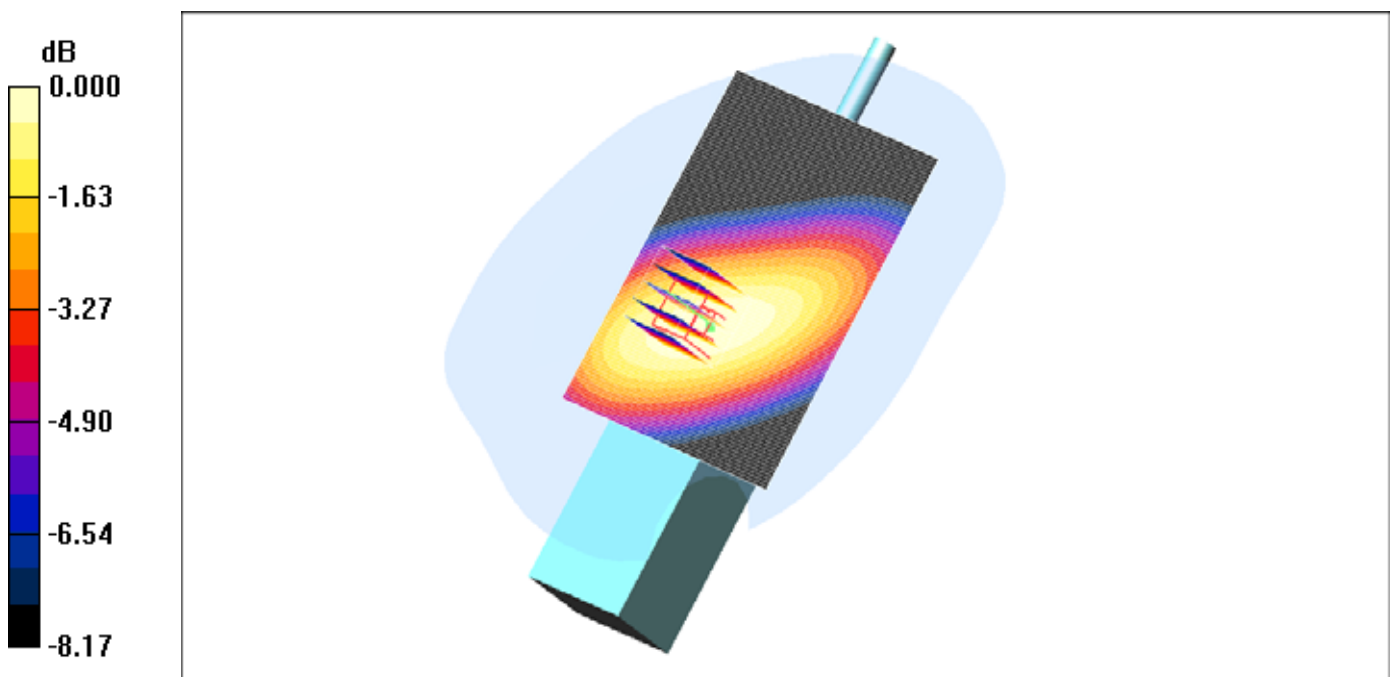
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.098 dB

Peak SAR (extrapolated) = 7.92 W/kg

SAR(1 g) = 5.81 mW/g; SAR(10 g) = 4.21 mW/g



0 dB = 6.10mW/g

Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400 MHz Band ; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.838$ mho/m; $\epsilon_r = 44.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=2.5 Cm from DUT(Front Side) to Flat Phantom; Conducted Power : 4W

Ch Space=12.5 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

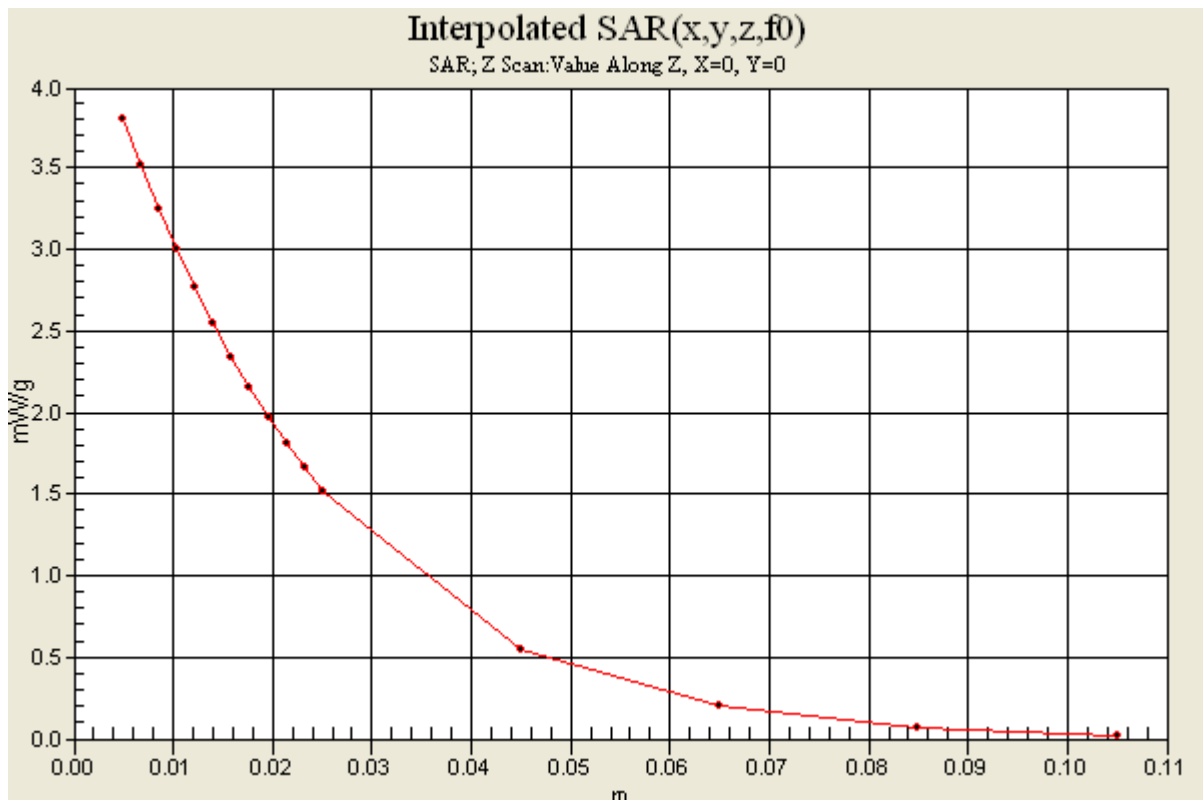
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.452 dB

Peak SAR (extrapolated) = 8.76 W/kg

SAR(1 g) = 6.52 mW/g; SAR(10 g) = 4.8 mW/g



Test Laboratory: KETI

DUT: PX-400NW; Type: FM

Communication System: 400MHz Band; Frequency: 400.025 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 400.025$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 58.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3125; ConvF(6.57, 6.57, 6.57); Calibrated: 2008-01-31

Electronics: DAE3 Sn580, Phantom: SAM with CRP 835MHZ; Type: SAM; Serial: TP-1418

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 171

Spacing=10.5 mm from DUT(Back Side) to Flat Phantom; Conducted Power : 4W

Ch Space=12.5 kHz; FM Mode; Freq=400.025 MHz; Standard Battery

Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.327 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 8.91 mW/g; SAR(10 g) = 6.55 mW/g

