

ATTACHMENT O – SAR TEST PLOTS

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : CDMA835 / Channel : 1013
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 9, 2007

DUT: PX120

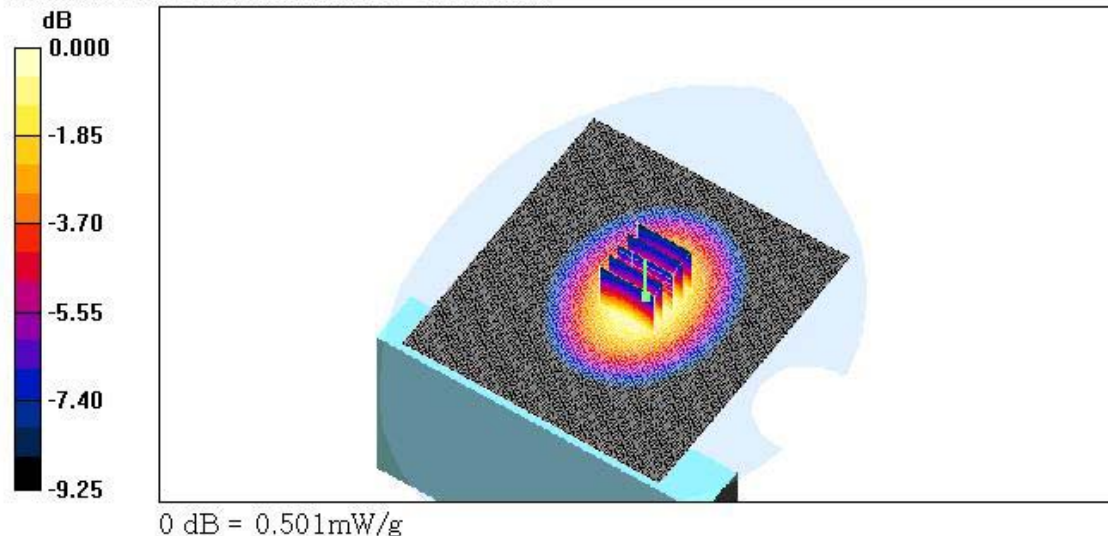
Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 825$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

Body CDMA 1013ch/Area Scan (101x111x1): Measurement grid: $\Delta x=15$ mm, $\Delta y=15$ mm
Maximum value of SAR (interpolated) = 0.507 mW/g

Body CDMA 1013ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x=8$ mm, $\Delta y=8$ mm, $\Delta z=5$ mm
Reference Value = 23.1 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.339 mW/g
Maximum value of SAR (measured) = 0.501 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : CDMA835 / Channel : 384
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 9, 2007

DUT: PX120

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

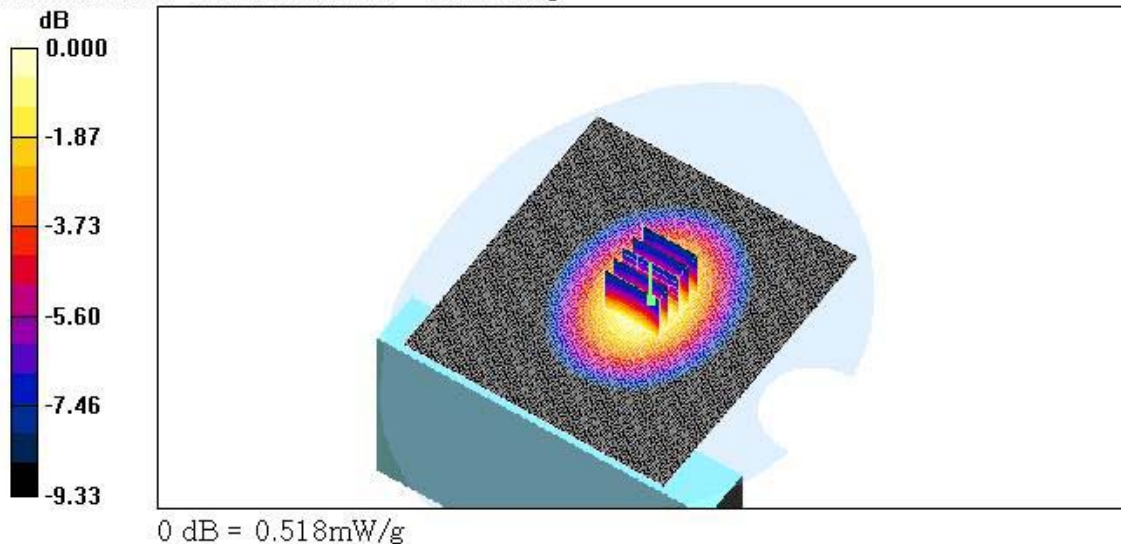
- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

Body CDMA 384ch/Area Scan (101x111x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.507 mW/g

Body CDMA 384ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm
Reference Value = 22.9 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.339 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.518 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : CDMA835 / Channel : 777
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 9, 2007

DUT: PX120

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

Body CDMA 777ch/Area Scan (101x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.626 mW/g

Body CDMA 777ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

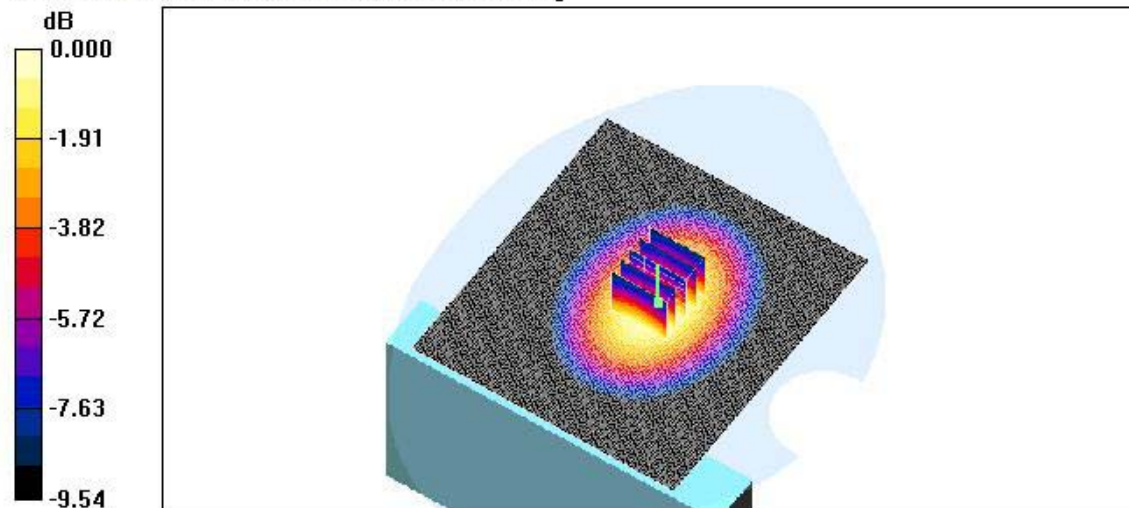
Reference Value = 25.2 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.414 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.620 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : CDMA835 / Channel : 1013(Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 9, 2007

DUT: PX120

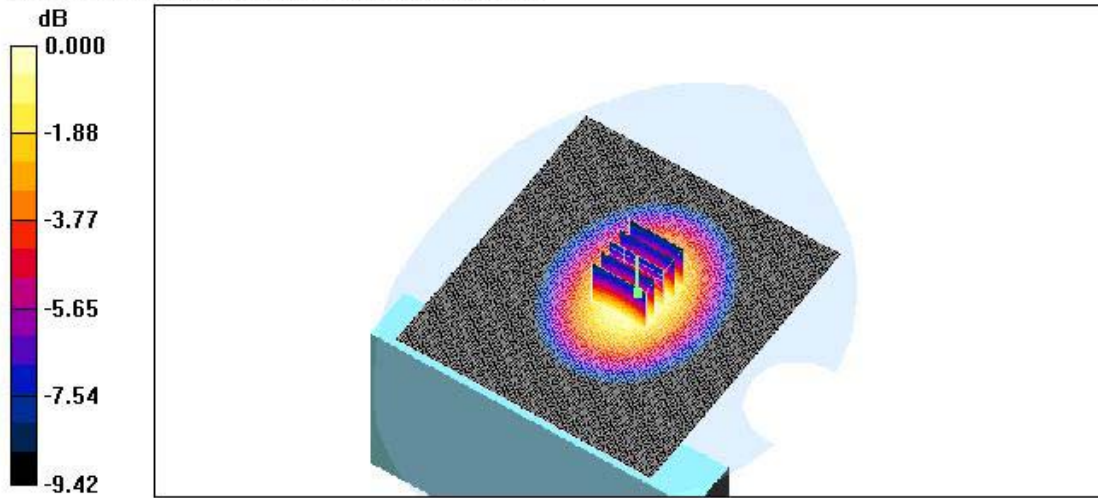
Communication System: CDMA 835MHz FCC, Frequency: 824.7 MHz,Duty Cycle: 1:1
Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.979 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

Body CDMA 1013ch/Area Scan (101x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.528 mW/g

Body CDMA 1013ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 23.6 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.632 W/kg
SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.514 mW/g



0 dB = 0.514mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : CDMA835 / Channel : 384 (Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 9, 2007

DUT: PX120

Communication System: CDMA 835MHz FCC, Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.991 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

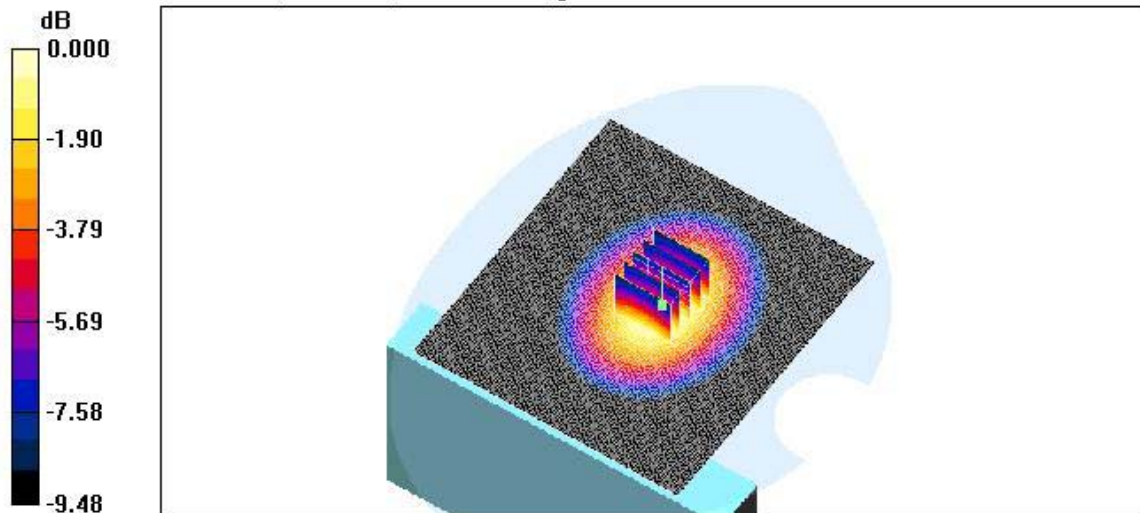
Body CDMA 384ch/Area Scan (101x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.507 mW/g

Body CDMA 384ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.8 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.643 W/kg
SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.339 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.521 mW/g



0 dB = 0.521mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : CDMA835 / Channel : 777 (Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 9, 2007

DUT: PX120

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.31 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

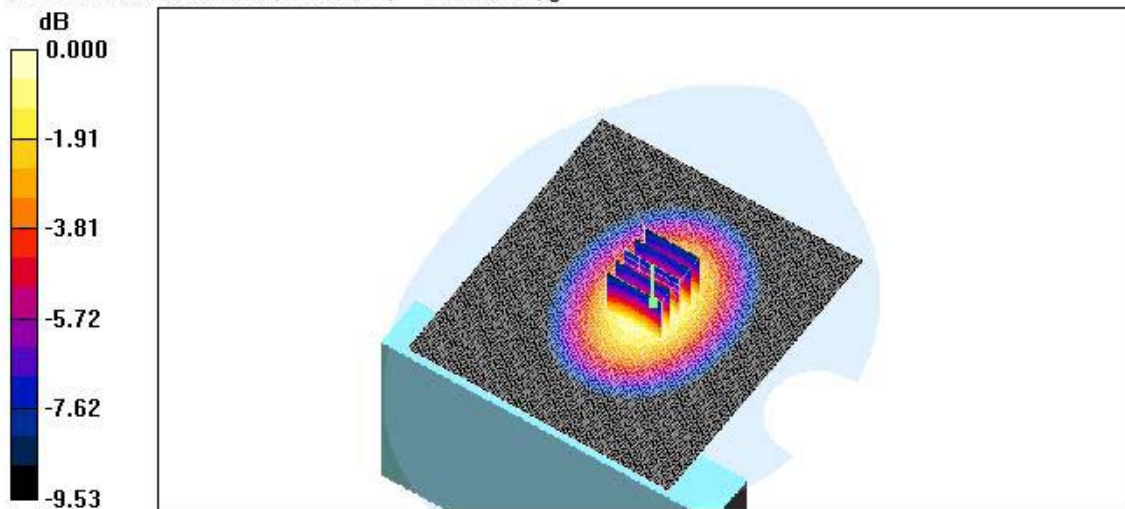
Body CDMA 777ch/Area Scan (101x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.616 mW/g

Body CDMA 777ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.9 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.413 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.630 mW/g



0 dB = 0.630mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : CDMA835 / Channel : 777 (Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 9, 2007

DUT: PX120

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

Body CDMA 777ch/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.607 mW/g

