

ATTACHMENT O – SAR TEST PLOTS

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 25
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : August 23, 2006

DUT: PX230

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body PCS 25ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.795 mW/g

Body PCS 25ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

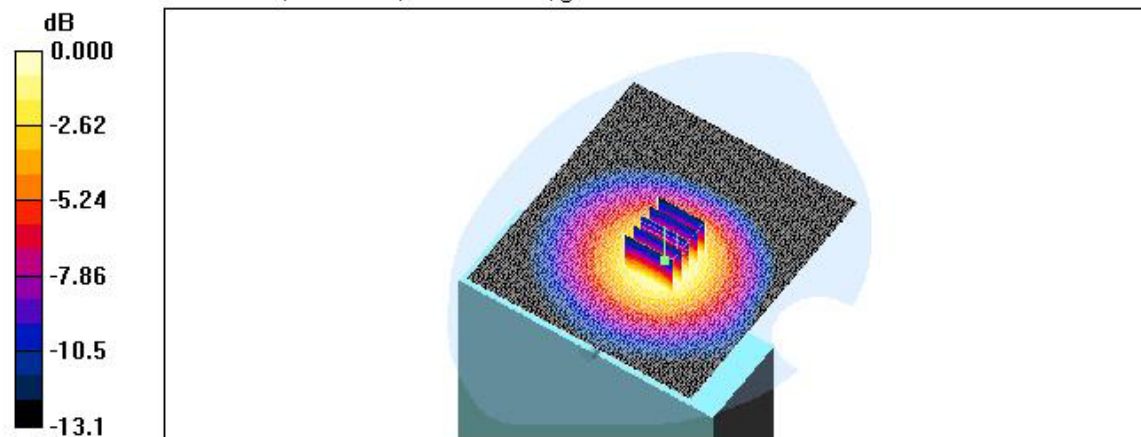
Reference Value = 23.3 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.456 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.764 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 600
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : August 23, 2006

DUT: PX230

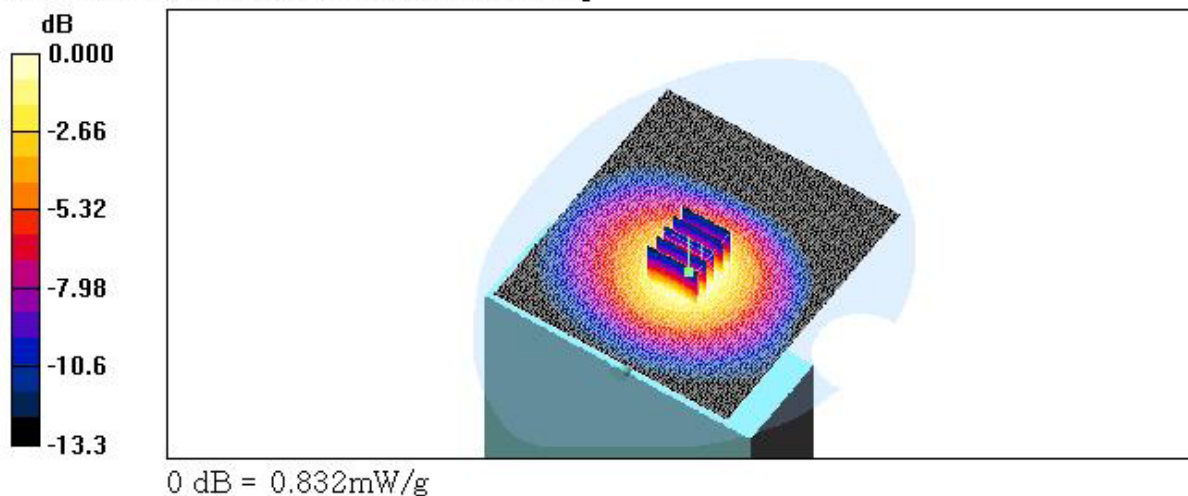
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body PCS 600ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.861 mW/g

Body PCS 600ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 24.2 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 0.832 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 1175
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : August 23, 2006

DUT: PX230

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body PCS 1175ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.725 mW/g

Body PCS 1175ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

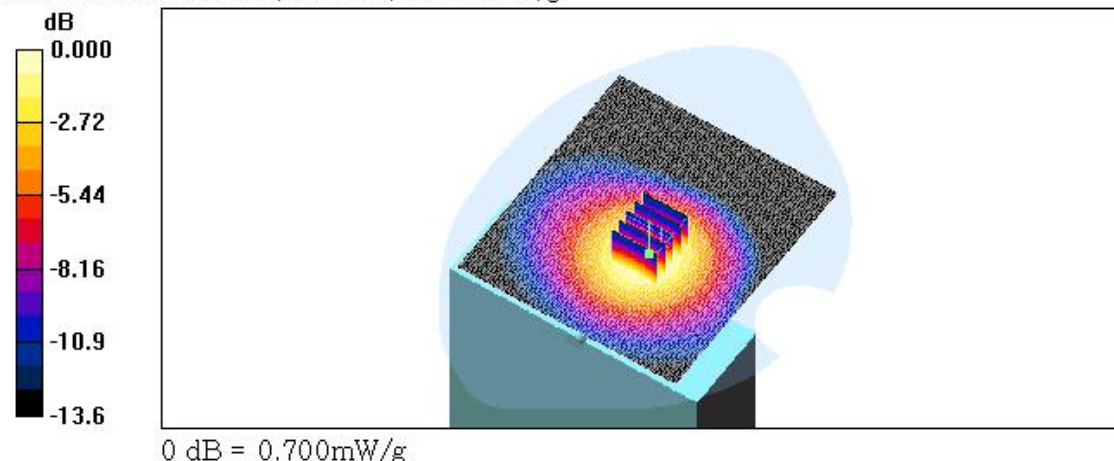
Reference Value = 21.4 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.976 W/kg

SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.413 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.700 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 25 (With Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : August 23, 2006

DUT: PX230

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body PCS 25ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.806 mW/g

Body PCS 25ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

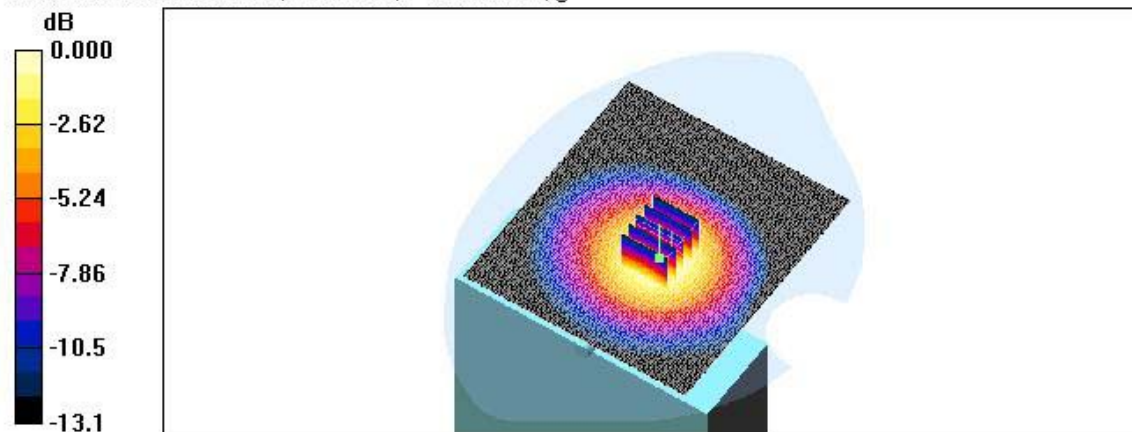
Reference Value = 23.9 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.461 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.783mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 600 (With Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : August 23, 2006

DUT: PX230

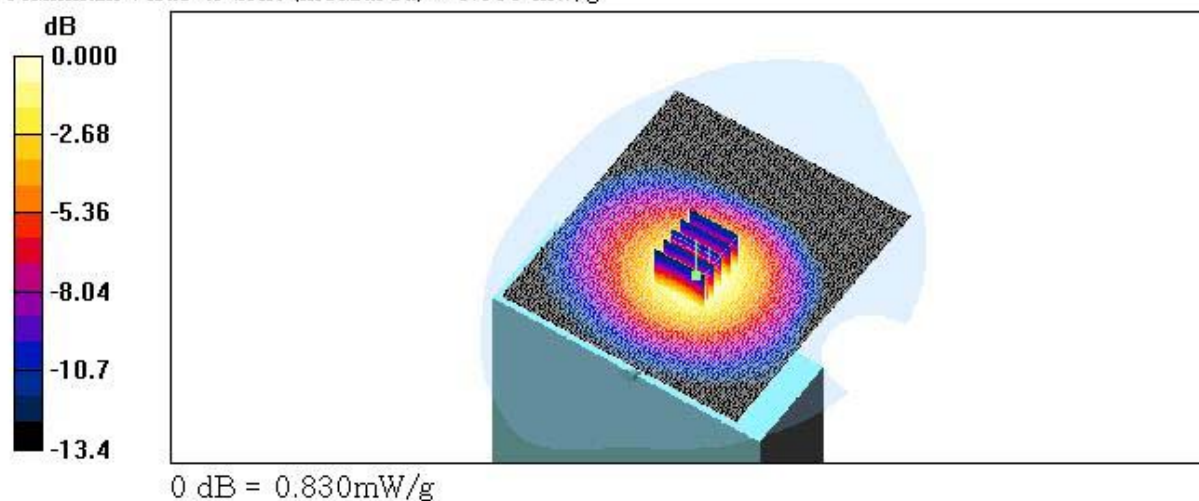
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body PCS 600ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.878 mW/g

Body PCS 600ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 24.7 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 0.830 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 1175 (With Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : August 23, 2006

DUT: PX230

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build d 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body PCS 1175ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.723 mW/g

Body PCS 1175ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

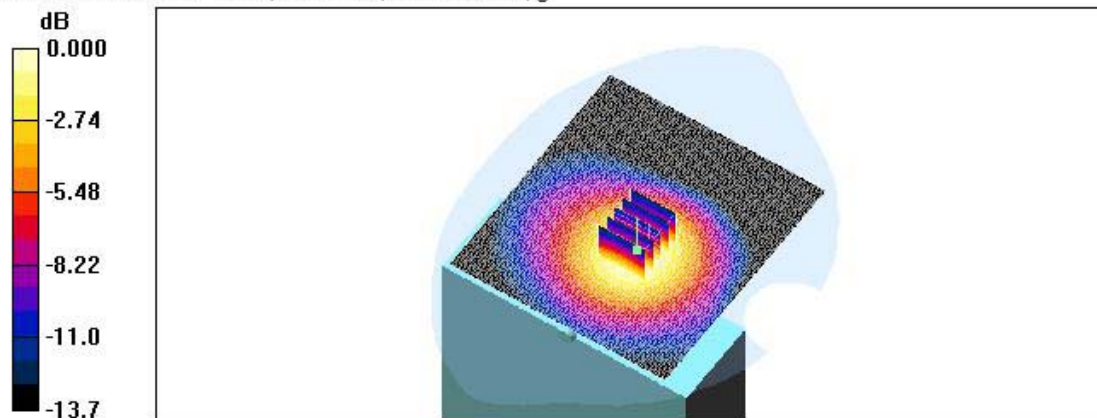
Reference Value = 21.2 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.413 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.699 mW/g



0 dB = 0.699mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 600 (With Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : August 23, 2006

DUT: PX230

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body PCS 600ch/Z Scan (1x1x31): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm
Maximum value of SAR (measured) = 0.739 mW/g

