

ATTACHMENT O – SAR TEST PLOTS

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 25
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 8, 2007

DUT: PX130

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ 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: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

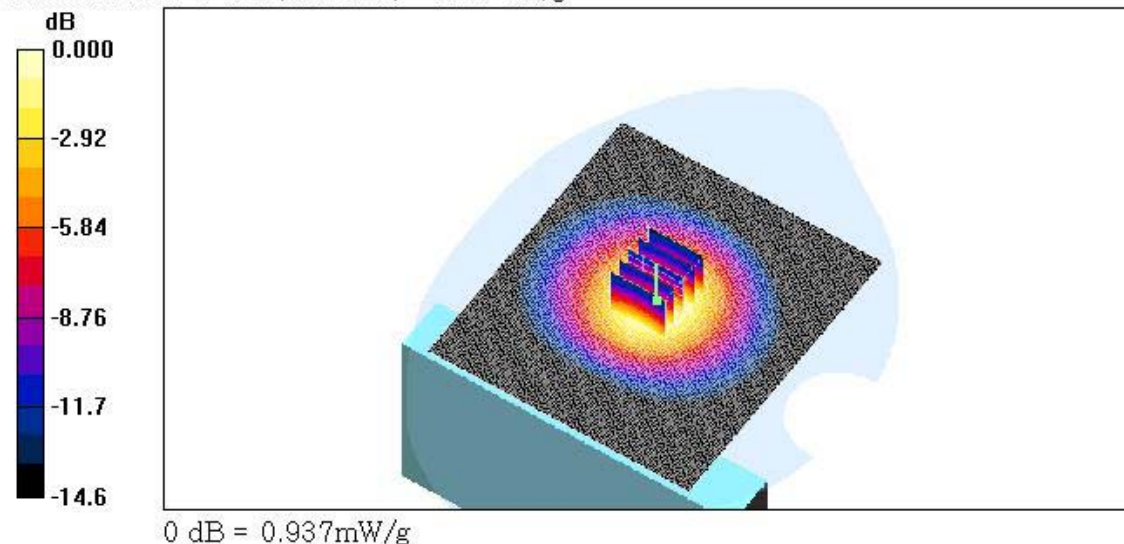
Body CDMA 25ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.960 mW/g

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

Reference Value = 25.1 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.532 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.937 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 600
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 8, 2007

DUT: PX130

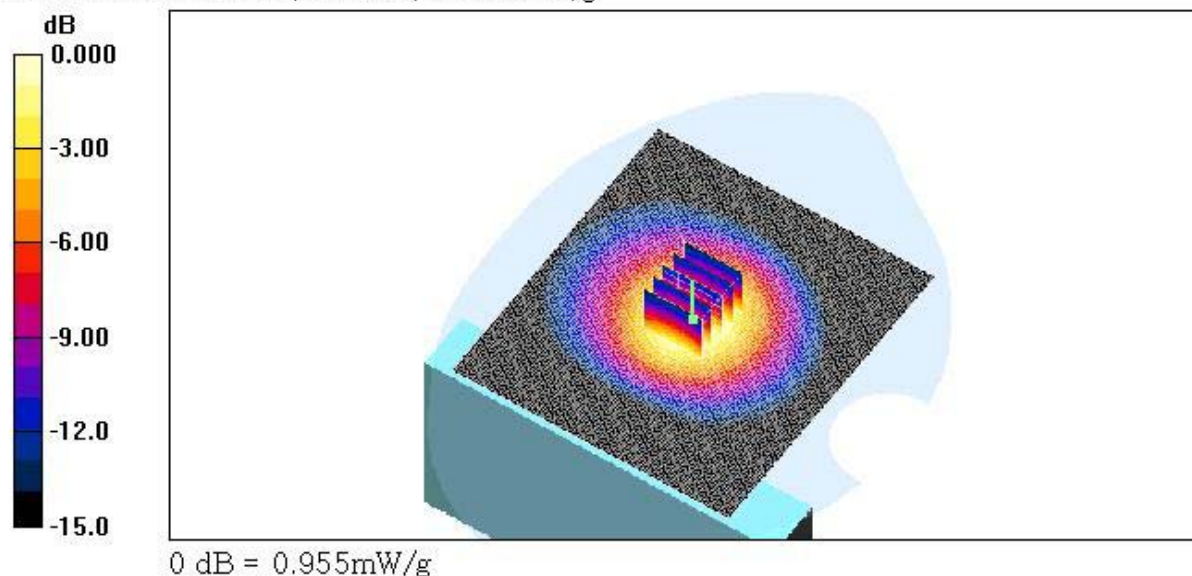
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body CDMA 600ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.980 mW/g

Body CDMA 600ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 25.5 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.541 mW/g
Maximum value of SAR (measured) = 0.955 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel :1175
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 8, 2007

DUT: PX130

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$
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: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

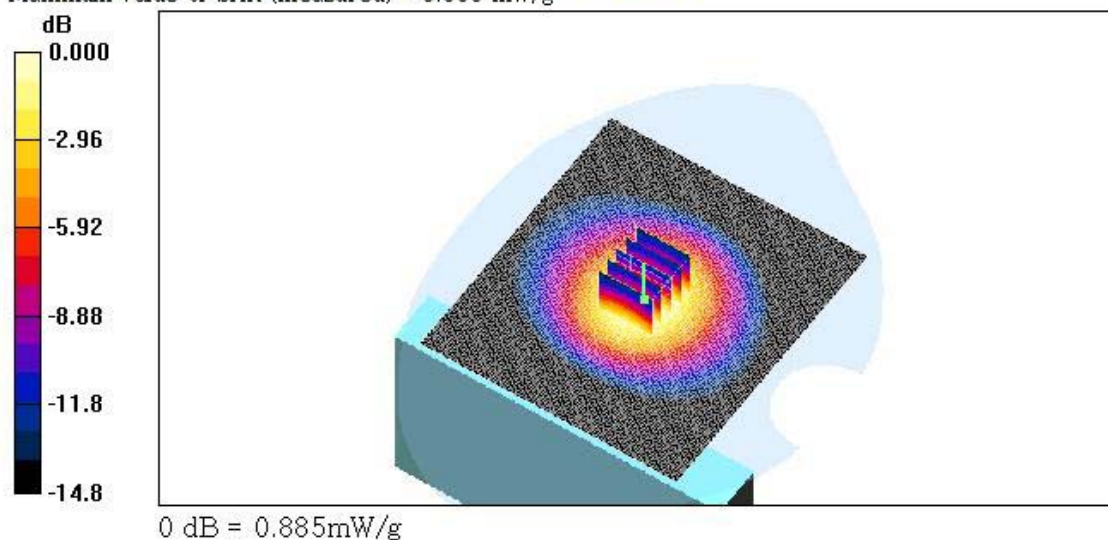
Body CDMA 1175ch/Area Scan (101x111x1): Measurement grid: $\Delta x=15\text{mm}$, $\Delta y=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.923 mW/g

Body CDMA 1175ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x=8\text{mm}$, $\Delta y=8\text{mm}$, $\Delta z=5\text{mm}$

Reference Value = 24.7 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.505 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.885 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 25(Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 8, 2007

DUT: PX130

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ 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: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body CDMA 25ch/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) = 0.975 mW/g

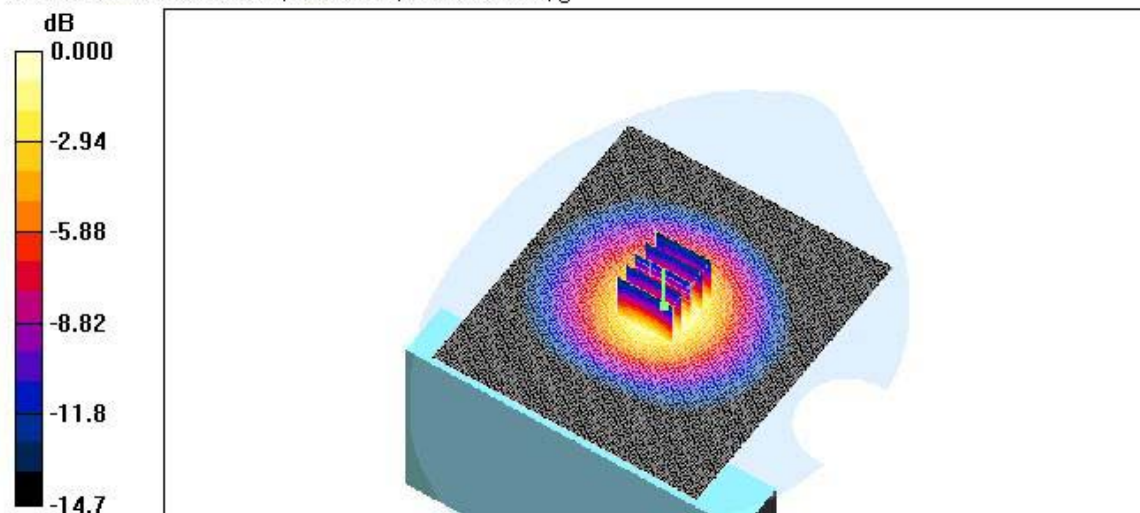
Body CDMA 25ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

Reference Value = 25.4 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.538 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.949 mW/g



0 dB = 0.949mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 600(Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 8, 2007

DUT: PX130

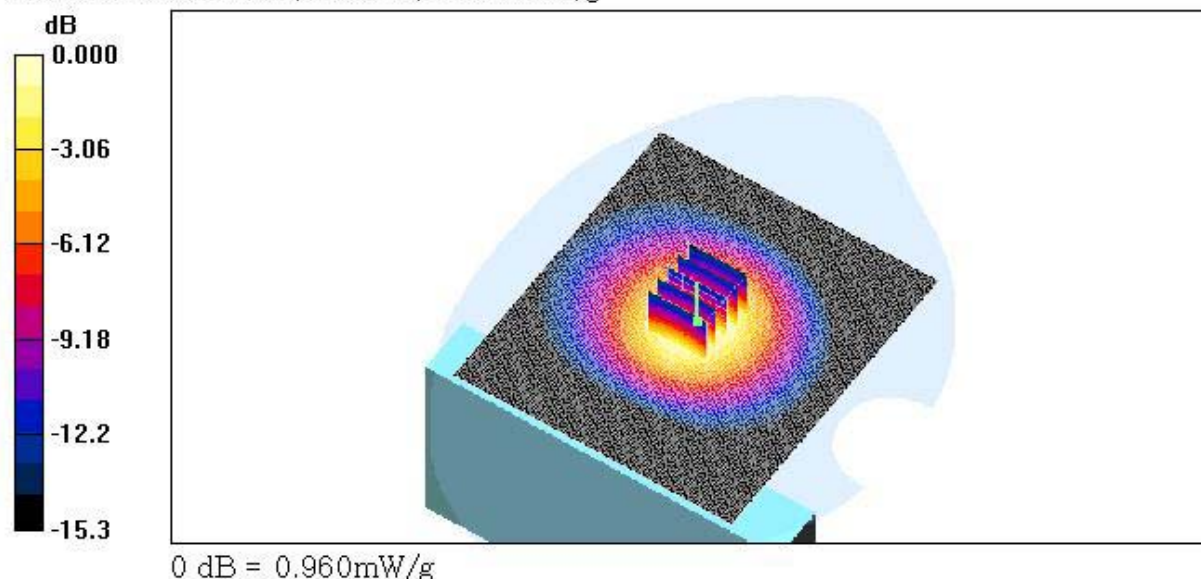
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body CDMA 600ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.992 mW/g

Body CDMA 600ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm.
Reference Value = 25.6 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.541 mW/g
Maximum value of SAR (measured) = 0.960 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 1175(Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 8, 2007

DUT: PX130

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ 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: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.959 mW/g

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

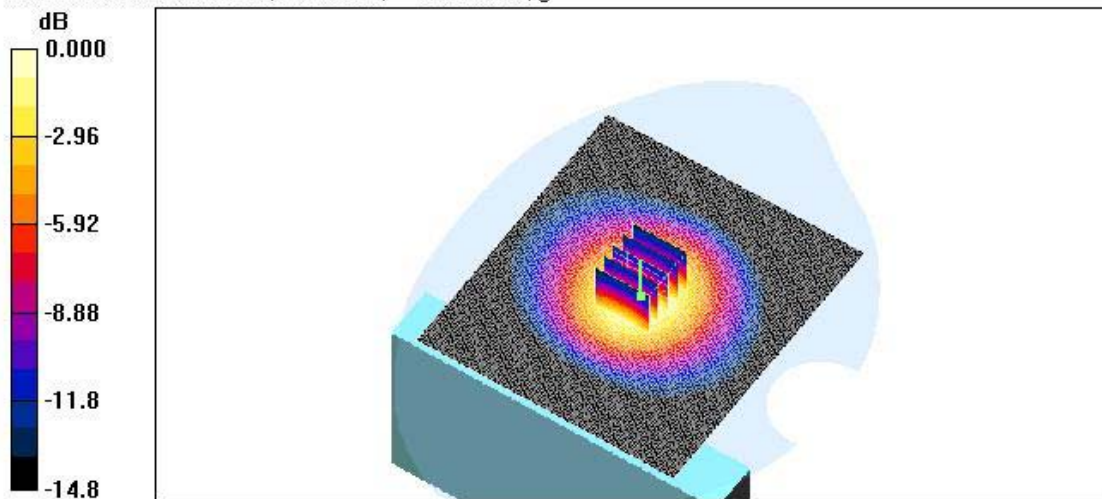
Reference Value = 25.4 V/m; Power Drift = -0.253 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.512 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.915 mW/g



0 dB = 0.915mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 600(Charger)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.6 °C
Date Tested : January 8, 2007

DUT: PX130

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body CDMA 600ch/Z Scan (1x1x31): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm
Maximum value of SAR (measured) = 0.957 mW/g

