

ATTACHMENT O – SAR TEST PLOTS

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 25(EVDO)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

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) = 0.510 mW/g

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

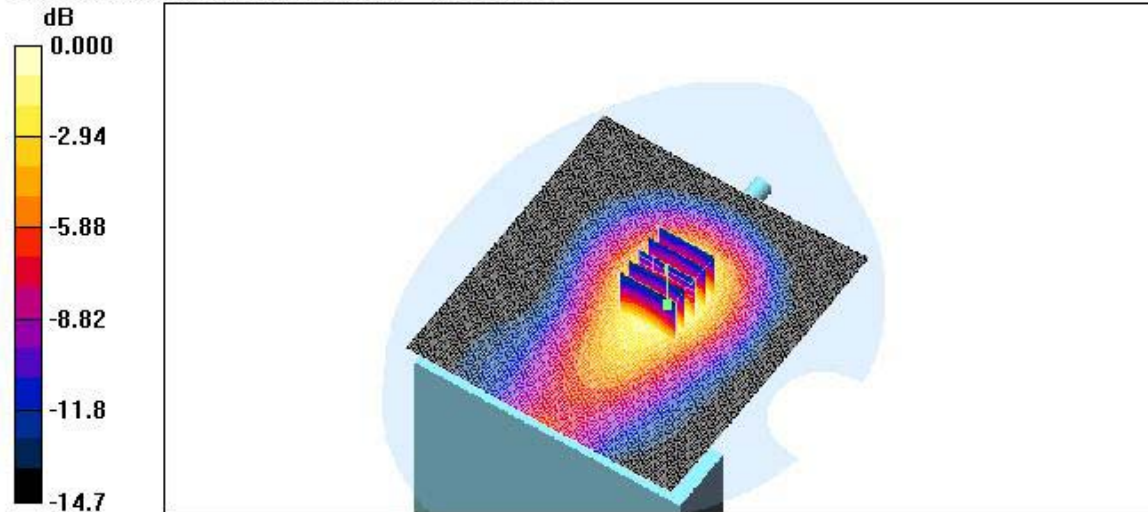
Reference Value = 18.0 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.860 W/kg

SAR(1 g) = 0.477 mW/g; SAR(10 g) = 0.290 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.503 mW/g



0 dB = 0.503mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 600(EVDO)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

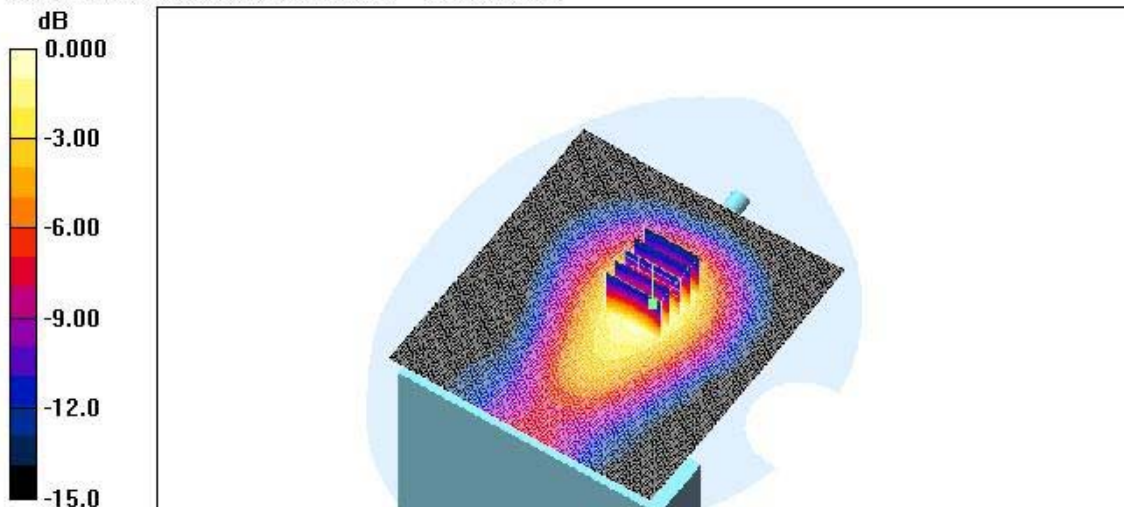
Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1: 1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

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) = 0.619 mW/g

Body CDMA 600ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 18.7 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.870 W/kg
SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.585 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 1175(EVDO)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

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) = 0.444 mW/g

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

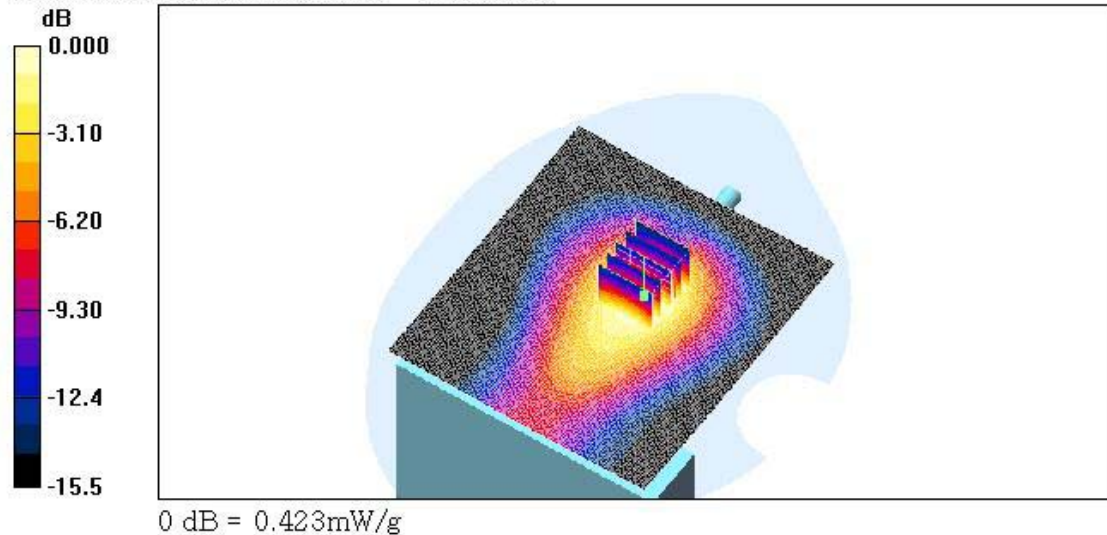
Reference Value = 15.6 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.850 W/kg

SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.239 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.423 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : 2450 / Channel : 1(802.11b)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: 2450MHz FCC; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.17, 4.17, 4.17); 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 1ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.266 mW/g

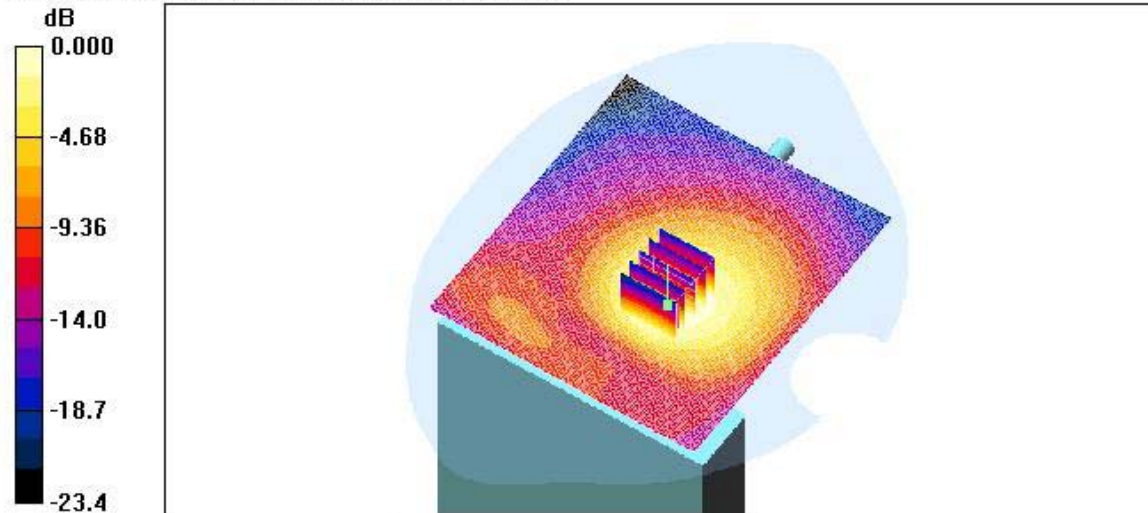
Body CDMA 1ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.7 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.134 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.256mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : 2450 / Channel : 6(802.11b)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: 2450MHz FCC; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

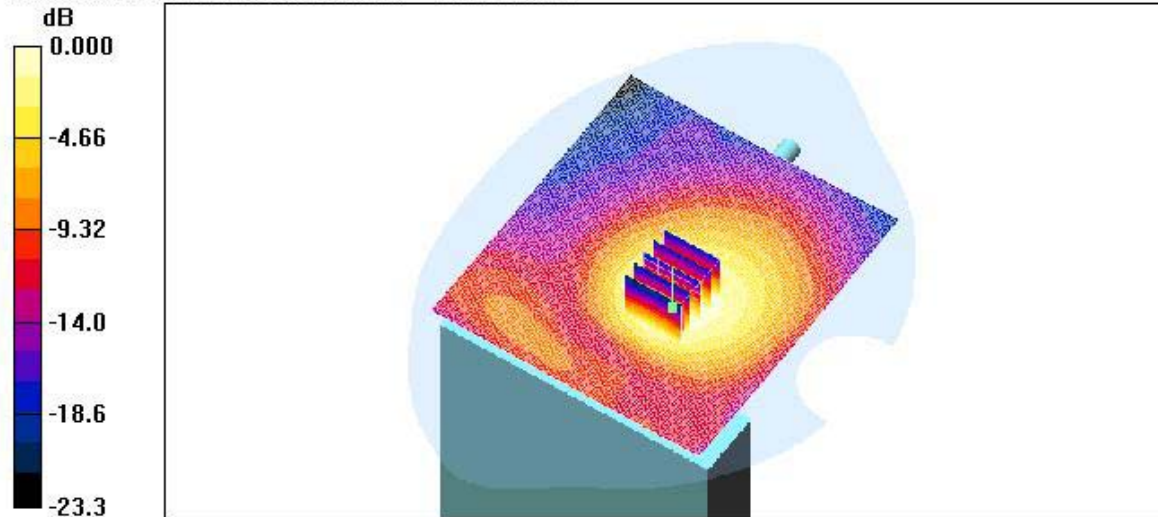
DASY4 Configuration:
- Probe: ET3DV6 - SN1609; ConvF(4.17, 4.17, 4.17); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body CDMA 6ch/Area Scan (101x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.248 mW/g

Body CDMA 6ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.124 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.237 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : 2450 / Channel : 11(802.11b)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: 2450MHz FCC, Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.17, 4.17, 4.17); 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 11ch/Area Scan (101x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.236 mW/g

Body CDMA 11ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

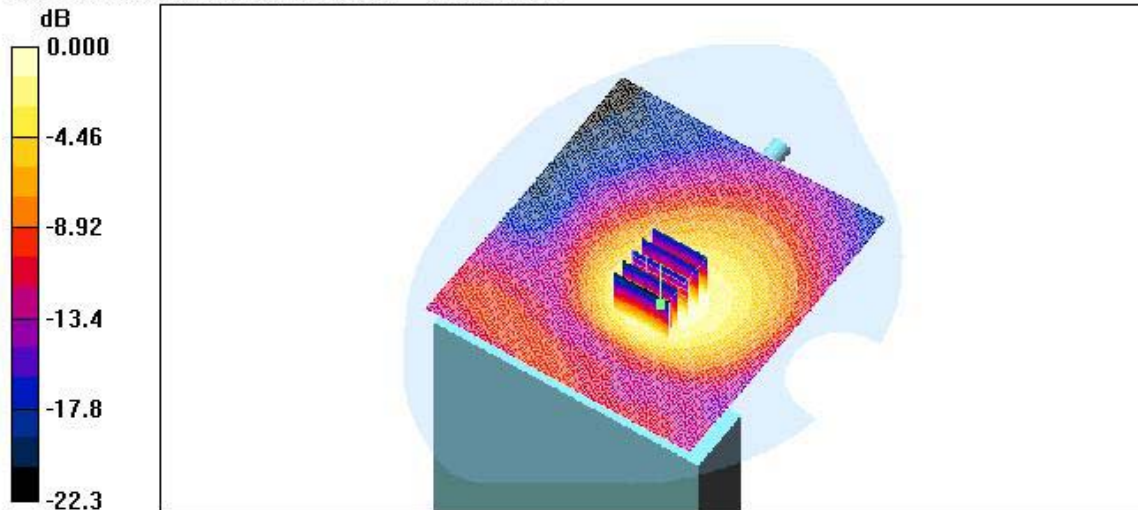
Reference Value = 10.1 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.117 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.226mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : 2450 / Channel : 1(802.11g)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: 2450MHz FCC; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.17, 4.17, 4.17); 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 1ch/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) = 0.167 mW/g

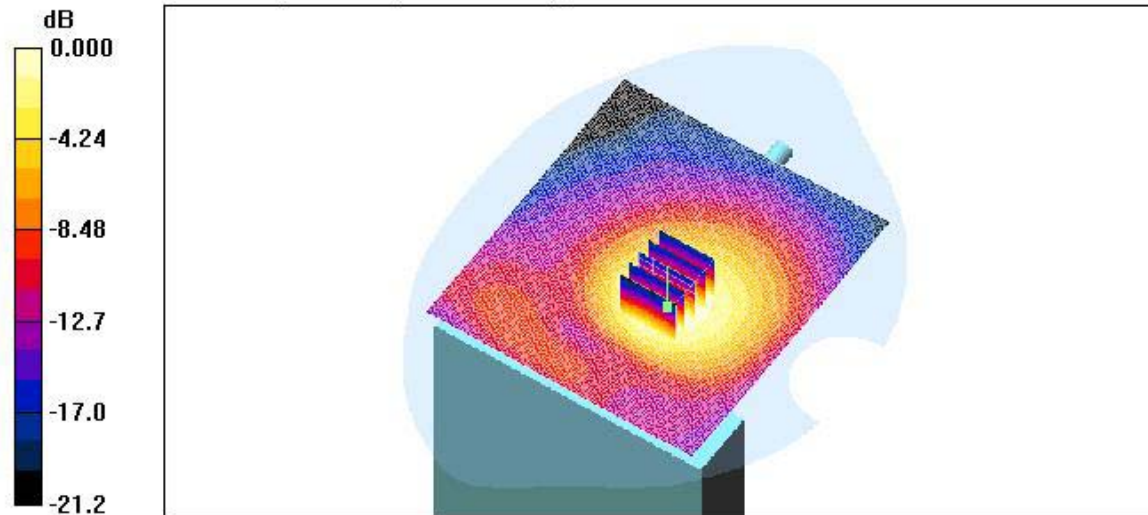
Body CDMA 1ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

Reference Value = 8.70 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.085 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : 2450 / Channel : 6(802.11g)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: 2450MHz FCC; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.17, 4.17, 4.17); 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 6ch/Area Scan (101x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.165 mW/g

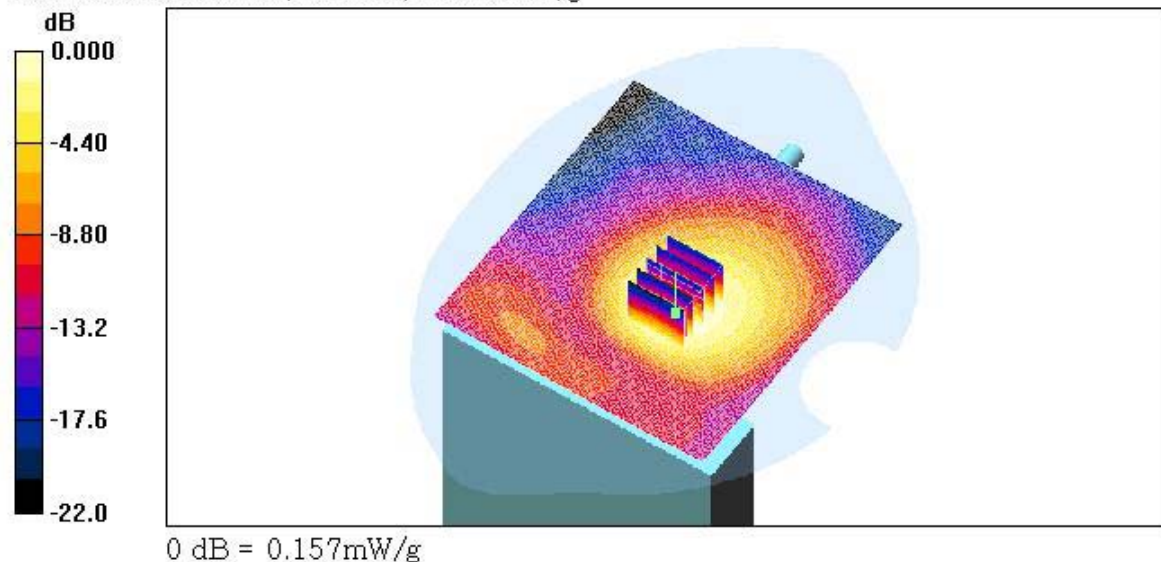
Body CDMA 6ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.47 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.082 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.157 mW/g



Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : 2450 / Channel : 11(802.11g)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: 2450MHz FCC; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

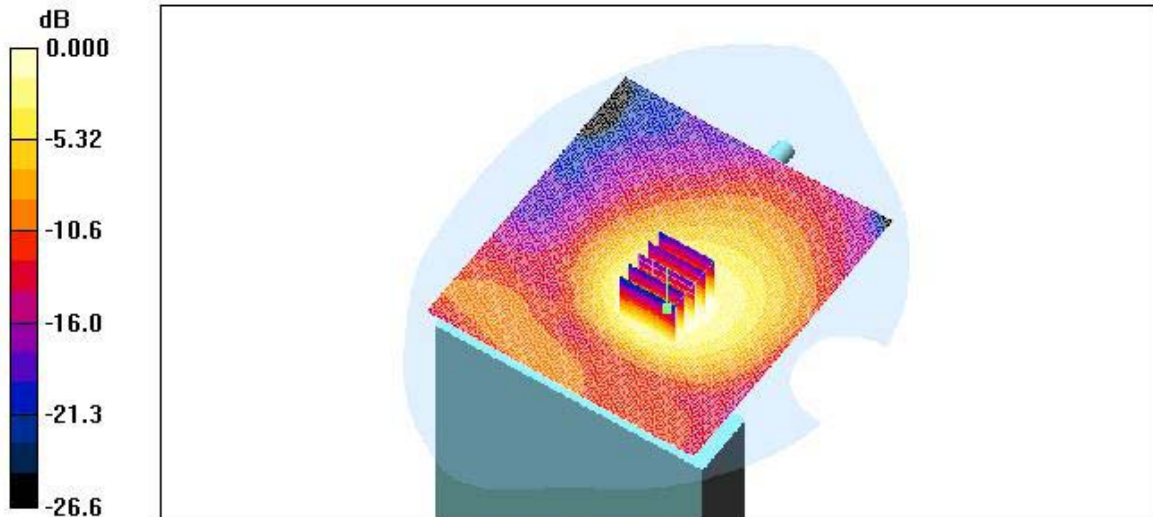
DASY4 Configuration:
- Probe: ET3DV6 - SN1609; ConvF(4.17, 4.17, 4.17); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Body CDMA 11ch/Area Scan (101x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.160 mW/g

Body CDMA 11ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 8.26 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.080 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.154mW/g

Test Laboratory: HCT

Company : AXESSTEL INC.
Mode : PCS1900 / Channel : 600(EVDO)
Position : Body / Antenna : Fixed
Liquid Temperature : 21.7 °C
Date Tested : January 14, 2007

DUT: MV430

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

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=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.558 mW/g

