

ATTACHMENT O – SAR TEST PLOTS

Test Laboratory: HCT

MODEL: NX9200(BODY)

Company : CASIO HITACHI Mobile Communications CO.,LTD.

Mode : CDMA 835 / Channel : 1013

Liquid Temperature : 21.5 °C

Date Tested : February 08, 2006

DUT: NX9200-Body; Type: Folder; Serial: #1

Communication System: CDMA 835MHz FCC, Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 825$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(6.27, 6.27, 6.27); Calibrated: 2005-08-30

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn614; Calibrated: 2005-04-21

- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 1013/Area Scan (51x91x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Maximum value of SAR (interpolated) = 0.646 mW/g

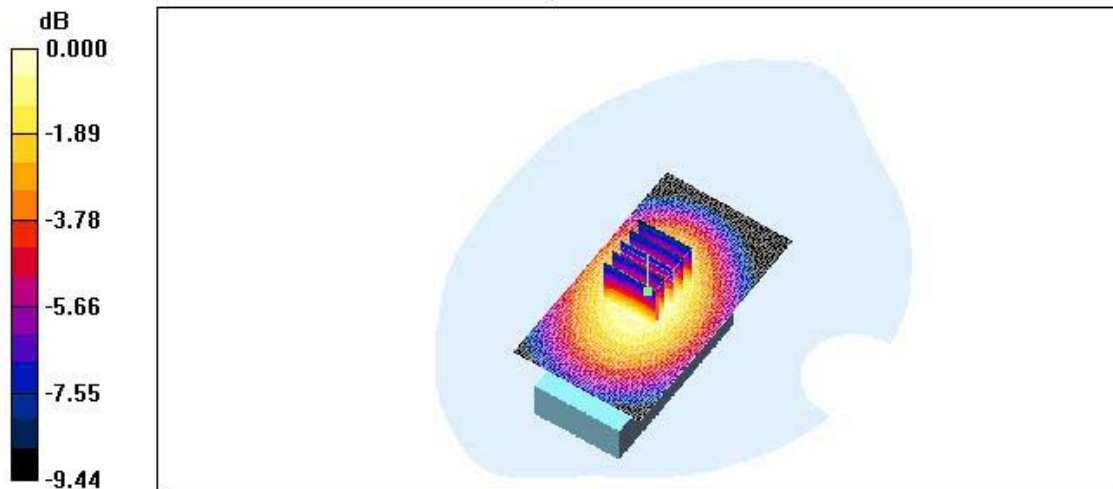
CDMA Body 1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

Reference Value = 23.9 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.649 mW/g



0 dB = 0.649mW/g

Test Laboratory: HCT

MODEL: NX9200(BODY)

Company : CASIO HITACHI Mobile Communications CO.,LTD.

Mode : CDMA 835 / Channel : 363

Liquid Temperature : 21.5 °C

Date Tested : February 08, 2006

DUT: NX9200-Body; Type: Folder; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(6.27, 6.27, 6.27); Calibrated: 2005-08-30

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn614; Calibrated: 2005-04-21

- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 363/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.530 mW/g

CDMA Body 363/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

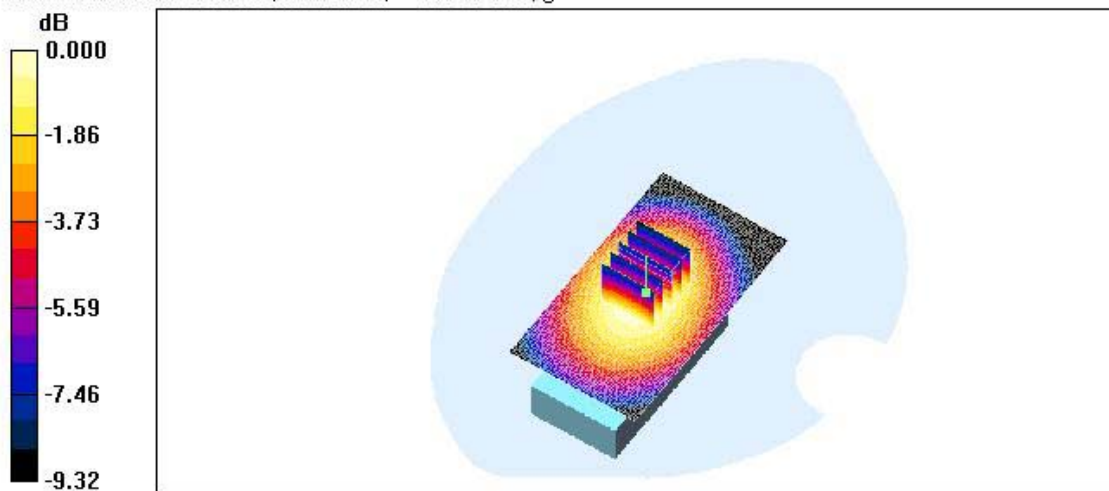
Reference Value = 21.5 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.350 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.519 mW/g



0 dB = 0.519mW/g

Test Laboratory: HCT

MODEL: NX9200(BODY)

Company : CASIO HITACHI Mobile Communications CO.,LTD.

Mode : CDMA 835 / Channel : 777

Liquid Temperature : 21.5 °C

Date Tested : February 08, 2006

DUT: NX9200-Body; Type: Folder; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(6.27, 6.27, 6.27); Calibrated: 2005-08-30

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn614; Calibrated: 2005-04-21

- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 777/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.744 mW/g

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

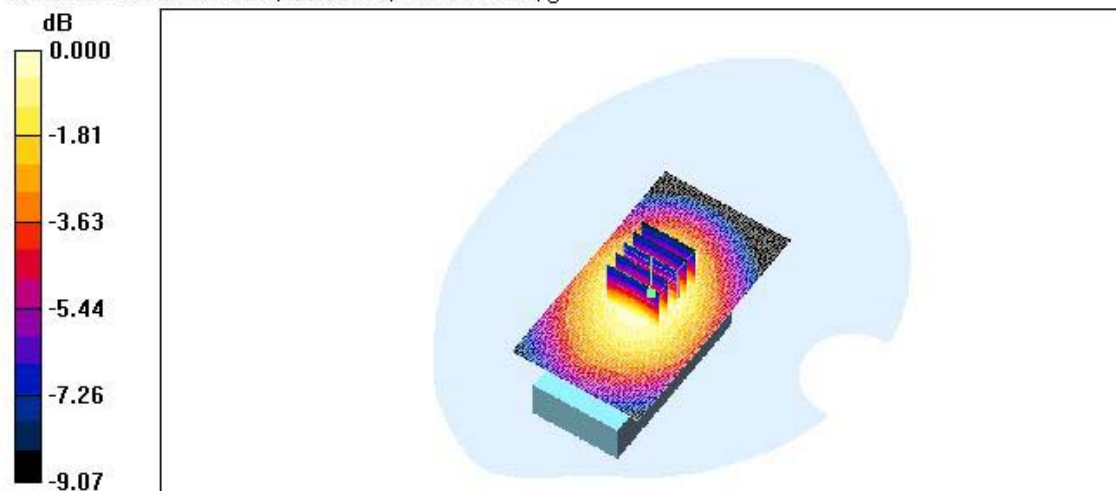
Reference Value = 25.1 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.907 W/kg

SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.501 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.736 mW/g



0 dB = 0.736mW/g

Test Laboratory: HCT

MODEL: NX9200(BODY)

Company : CASIO HITACHI Mobile Communications CO.,LTD.

Mode : CDMA 835 / Channel : 777(EVDO)

Liquid Temperature : 21.5 °C

Date Tested : February 08, 2006

DUT: NX9200-Body; Type: Folder; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(6.27, 6.27, 6.27); Calibrated: 2005-08-30

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn614; Calibrated: 2005-04-21

- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 777/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.731 mW/g

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

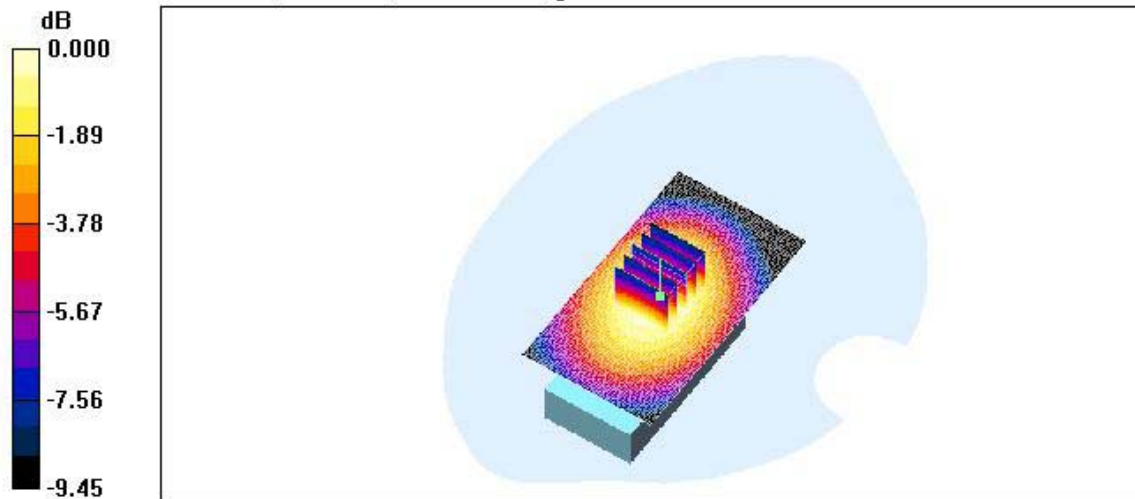
Reference Value = 24.8 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.487 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.728 mW/g



Test Laboratory: HCT

MODEL: NX9200(BODY)

Company : CASIO HITACHI Mobile Communications CO.,LTD.

Mode : PCS 1900 / Channel : 25

Liquid Temperature : 21.5 °C

Date Tested : February 08, 2006

DUT: NX9200-Body; Type: Folder; Serial: #1

Communication System: PCS1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(4.44, 4.44, 4.44); Calibrated: 2005-08-30

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn614; Calibrated: 2005-04-21

- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 25/Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.869 mW/g

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

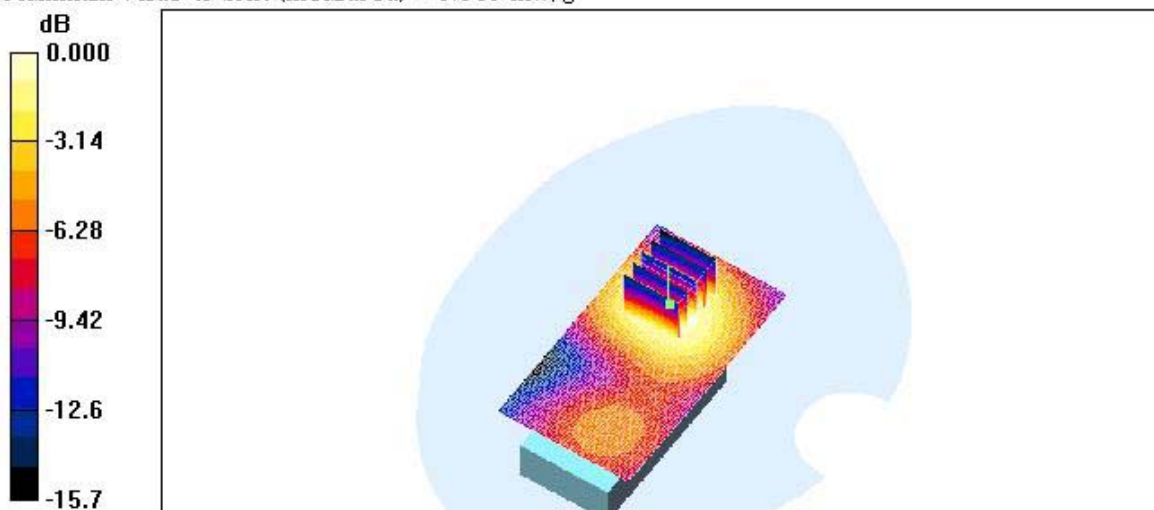
Reference Value = 22.8 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.473 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.840 mW/g



Test Laboratory: HCT

MODEL: NX9200(BODY)

Company : CASIO HITACHI Mobile Communications CO.,LTD.

Mode : PCS 1900 / Channel : 600

Liquid Temperature : 21.5 °C

Date Tested : February 08, 2006

DUT: NX9200-Body; Type: Folder; Serial: #1

Program Name: NX9200

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(4.44, 4.44, 4.44); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2005-04-21
- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 600/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.889 mW/g

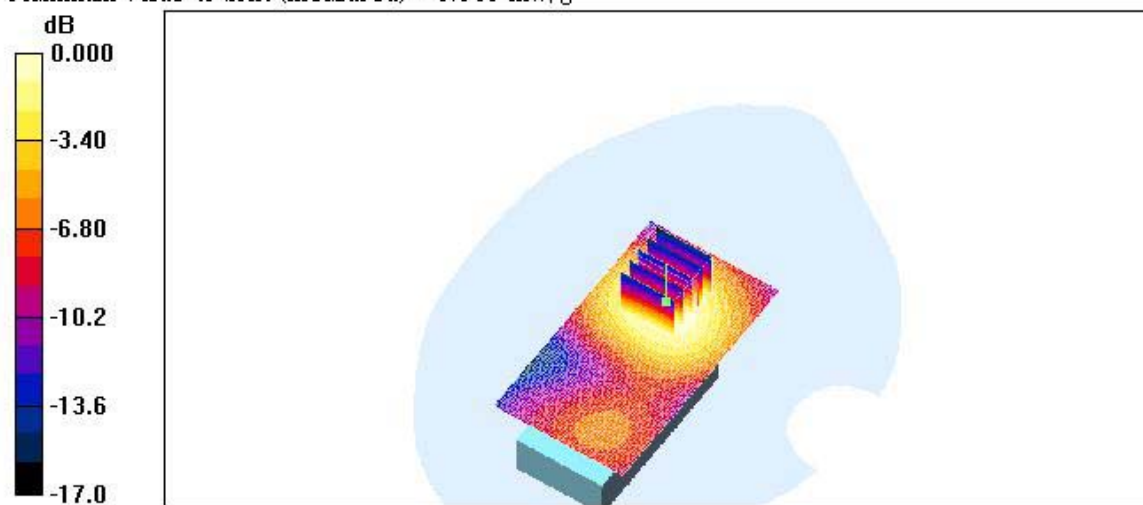
PCS Body 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.7 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.849 mW/g



0 dB = 0.849mW/g

Test Laboratory: HCT

MODEL: NX9200(BODY)

Company : CASIO HITACHI Mobile Communications CO.,LTD.

Mode : PCS 1900 / Channel : 600(EVDO)

Liquid Temperature : 21.5 °C

Date Tested : February 08, 2006

DUT: NX9200-Body; Type: Folder; Serial: #1

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(4.44, 4.44, 4.44); Calibrated: 2005-08-30

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn614; Calibrated: 2005-04-21

- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 600/Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.624 mW/g

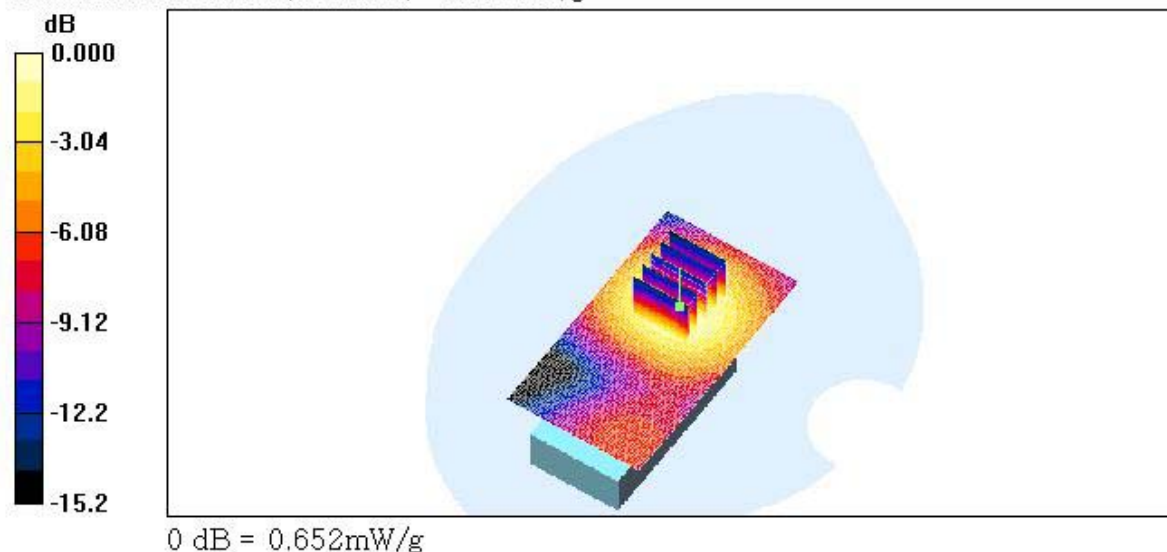
PCS Body 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.1 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.652 mW/g



Test Laboratory: HCT

MODEL: NX9200(BODY)

Company : CASIO HITACHI Mobile Communications CO.,LTD.

Mode : PCS1900 / Channel : 1175

Liquid Temperature : 21.5 °C

Date Tested : February 08, 2006

DUT: NX9200-Body; Type: Folder; Serial: #1

Communication System: PCS1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(4.44, 4.44, 4.44); Calibrated: 2005-08-30

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn614; Calibrated: 2005-04-21

- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 1175/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.814 mW/g

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

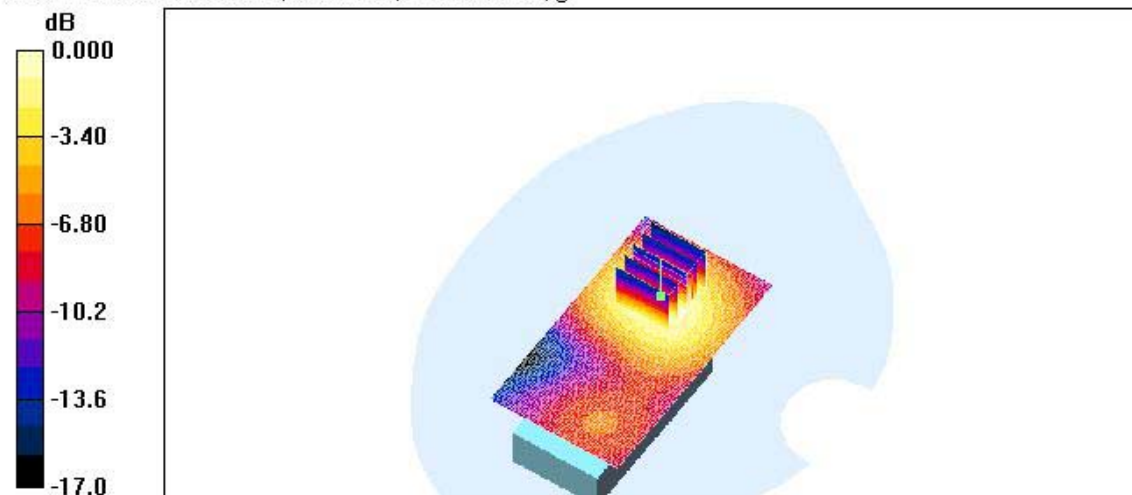
Reference Value = 21.9 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.437 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.817 mW/g



0 dB = 0.817mW/g

DUT: NX9200; Type: Folder; Serial: #1
Program Name: NX9200

Communication System: CDMA 835MHz; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-08-30
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn614; Calibrated: 2005-04-21
- Phantom: SAM 835/900 MHz; Type: SAM

Left touch 777/Z Scan (1x1x41): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

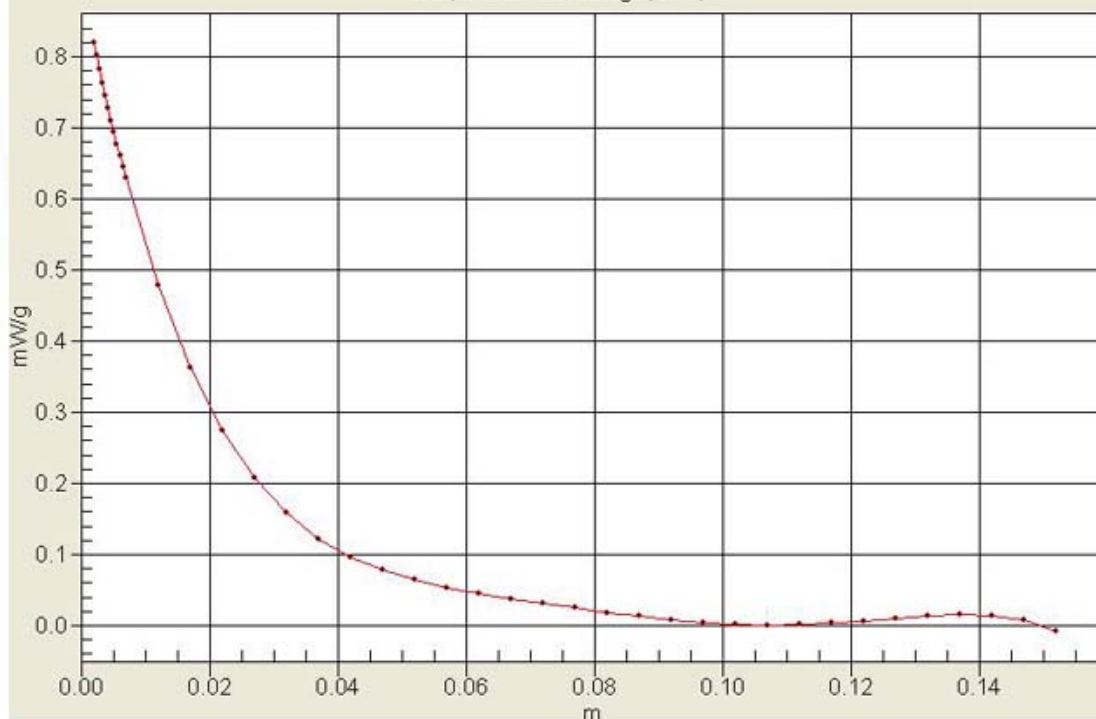
Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.820 mW/g

0.126, -0.034

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



DUT: NX9200; Type: Folder; Serial: #1
Program Name: NX9200

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

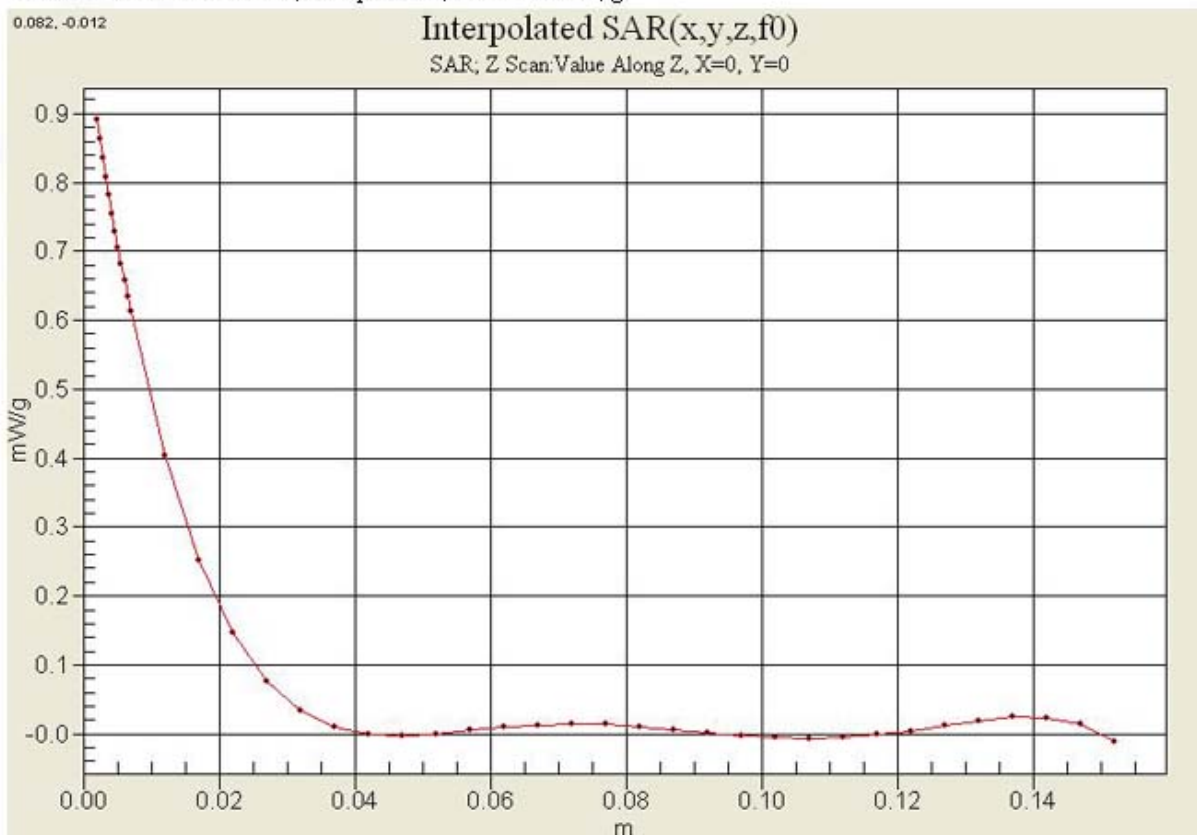
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn614; Calibrated: 2005-04-21
- Phantom: SAM 1800/1900 MHz; Type: SAM

Right touch 600/Z Scan (1x1x41): Measurement grid: $\Delta x = 20$ mm, $\Delta y = 20$ mm, $\Delta z = 5$ mm
Maximum value of SAR (interpolated) = 0.892 mW/g



DUT: NX9200-Body; Type: Folder; Serial: #1**Program Name: NX9200**

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(6.27, 6.27, 6.27); Calibrated: 2005-08-30

- Sensor-Surface: 0mm (Fix Surface)

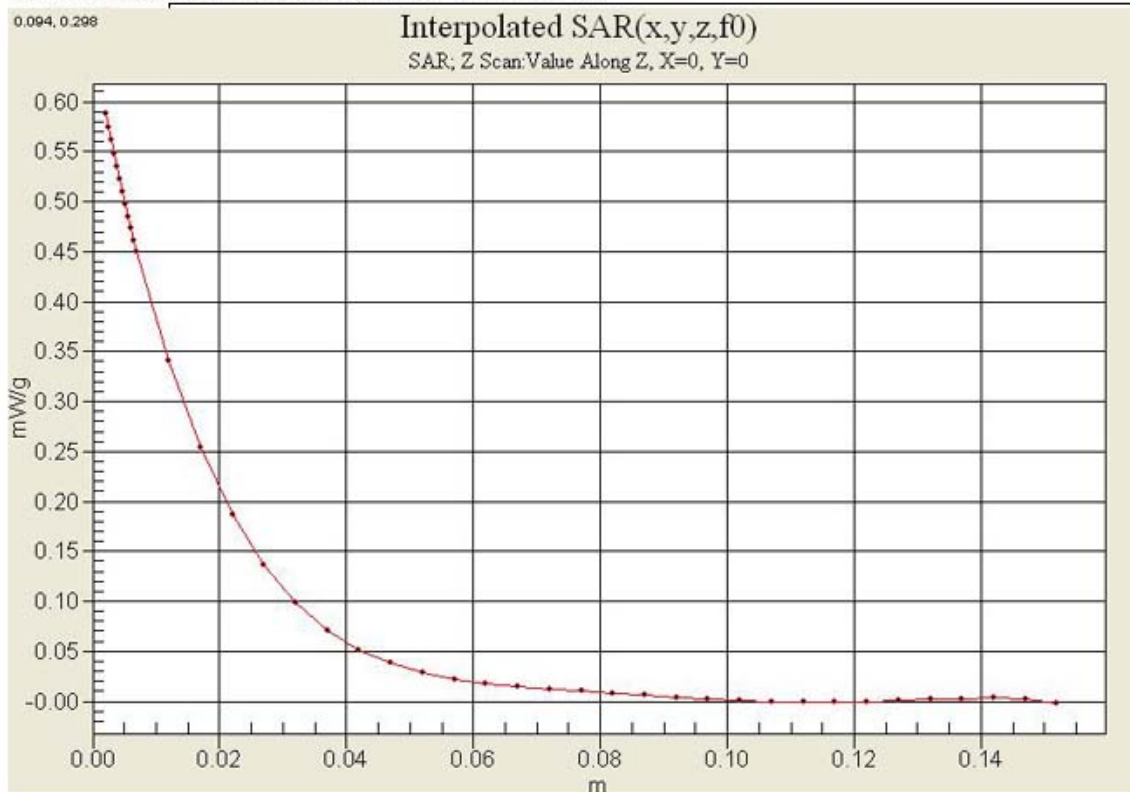
- Electronics: DAE4 Sn614; Calibrated: 2005-04-21

- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 777/Z Scan (1x1x41): Measurement grid: $\Delta x = 20\text{mm}$, $\Delta y = 20\text{mm}$, $\Delta z = 5\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.589 mW/g



DUT: NX9200-Body; Type: Folder; Serial: #1
Program Name: NX9200

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(4.44, 4.44, 4.44); Calibrated: 2005-08-30
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn614; Calibrated: 2005-04-21
- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 600/Z Scan (1x1x41): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm
Maximum value of SAR (interpolated) = 0.608 mW/g

0.055, 0.398

