

Date/Time: 2006-10-13 14:13:36

Test Laboratory: SGS Testing Korea
 File Name: [IBM_CDMA_1x_1st.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
 Program Name: IBM_2864

Communication System: CDMA 835MHz; Frequency: 835.89 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.938$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.05, 6.05, 6.05); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Middle_procedure_Top_120 degree/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.424 mW/g

Middle_procedure_Top_120 degree/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

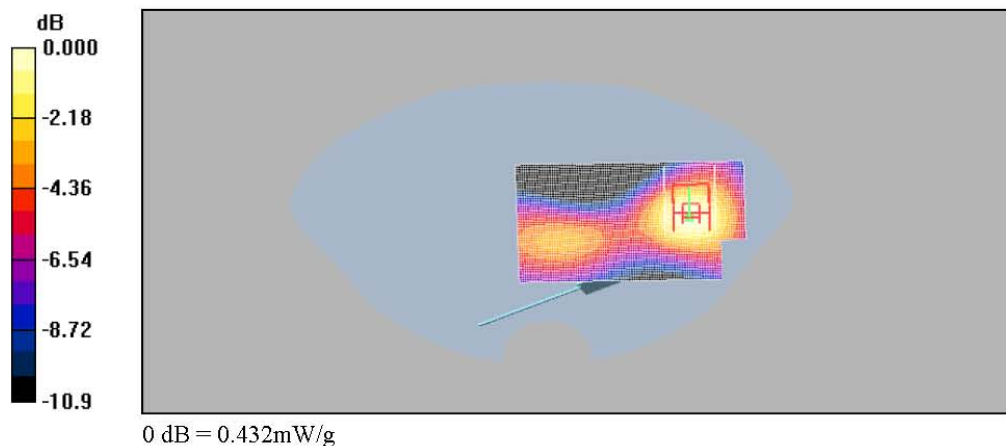
Reference Value = 12.1 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.561 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.260 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.432 mW/g



Date/Time: 2006-10-15 11:31:36

Test Laboratory: SGS Testing Korea
 File Name: [IBM_PCS1900_1st.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
 Program Name: IBM

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.0$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

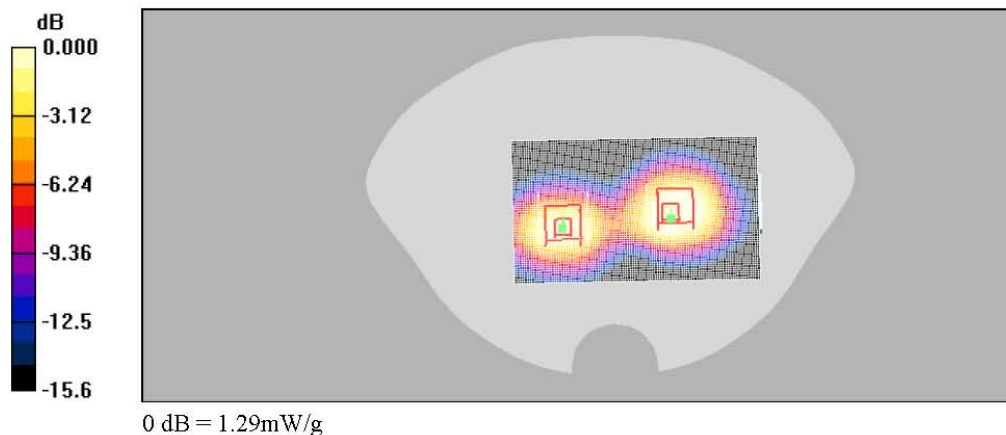
DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.73, 4.73, 4.73); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Middle_procedure_Top/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.63 mW/g

Middle_procedure_Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 10.7 V/m; Power Drift = -0.102 dB
 Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.795 mW/g
 Maximum value of SAR (measured) = 1.46 mW/g

Middle_procedure_Top/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 10.7 V/m; Power Drift = -0.102 dB
 Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.655 mW/g
 Maximum value of SAR (measured) = 1.29 mW/g



Date/Time: 2006-10-15 12:40:50

Test Laboratory: SGS Testing Korea
 File Name: [IBM_PCS1900_1st.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
 Program Name: IBM

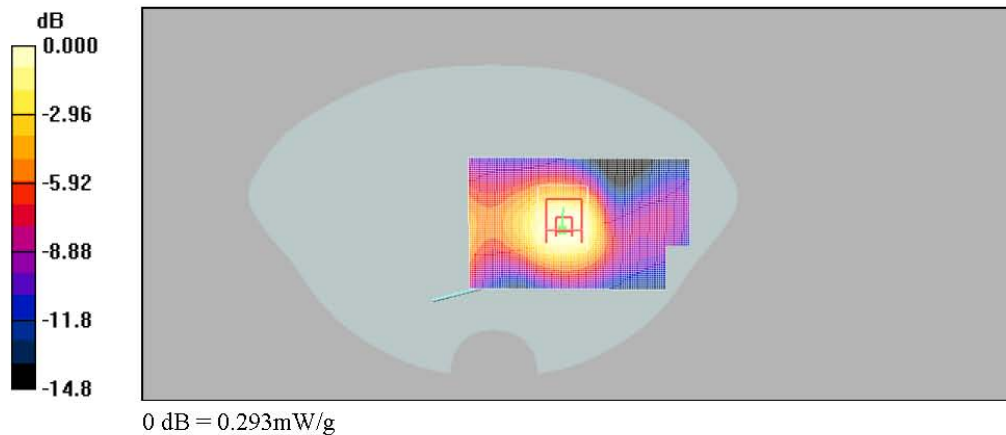
Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.0$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.73, 4.73, 4.73); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Middle_procedure_Top 120 degree/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.298 mW/g

Middle_procedure_Top 120 degree/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.77 V/m; Power Drift = -0.045 dB
 Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.166 mW/g
 Maximum value of SAR (measured) = 0.293 mW/g



Date/Time: 2006-10-15 13:29:40

Test Laboratory: SGS Testing Korea
File Name: [IBM_PCS1900_1st.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: Not Specified
Program Name: IBM

Communication System: PCS1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.0$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.73, 4.73, 4.73); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Low_procedure_Top/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

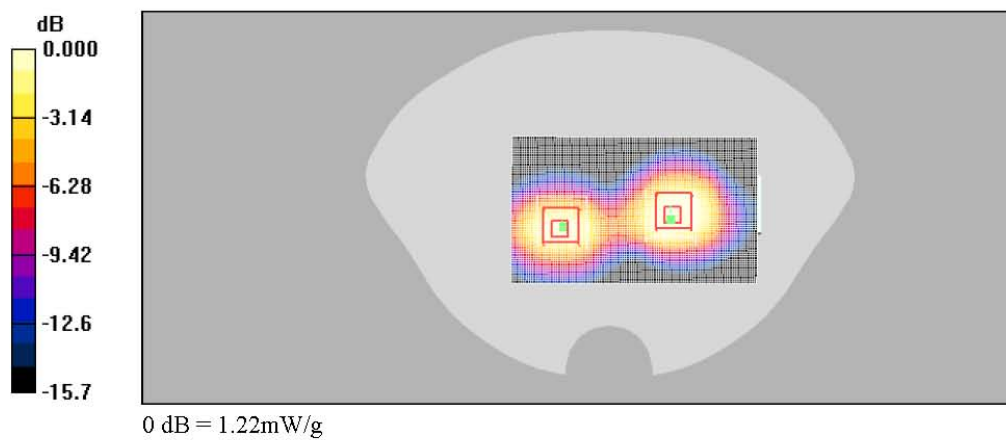
[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (interpolated) = 1.50 mW/g

Low_procedure_Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.736 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 1.33 mW/g

Low_procedure_Top/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.618 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 1.22 mW/g



Date/Time: 2006-10-15 14:48:13

Test Laboratory: SGS Testing Korea
File Name: [IBM_PCS1900_1st.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
Program Name: IBM

Communication System: PCS1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1909$ MHz; $\sigma = 1.50$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

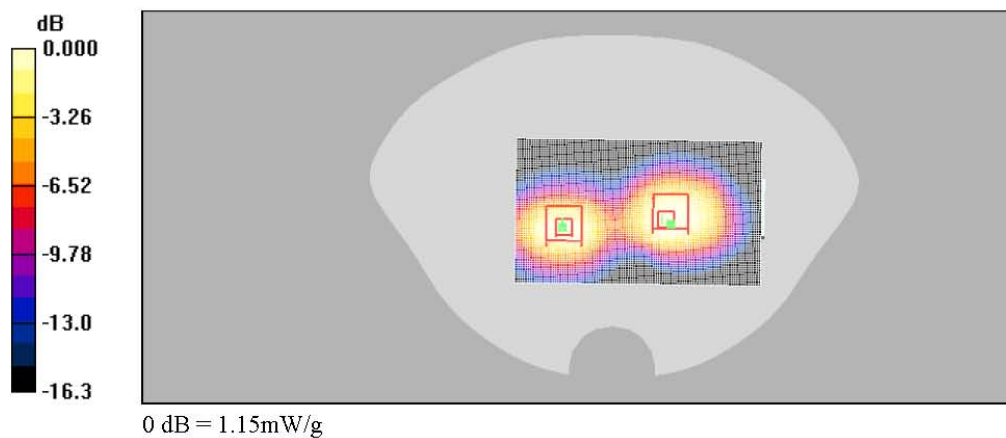
- Probe: ET3DV6 - SN1782; ConvF(4.73, 4.73, 4.73); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

High_procedure_Top/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 mW/g

High_procedure_Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.647 mW/g

Maximum value of SAR (measured) = 1.25 mW/g

High_procedure_Top/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.573 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



Date/Time: 2006-10-15 15:32:33

Test Laboratory: SGS Testing Korea
 File Name: [IBM_PCS1900_1st.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
 Program Name: IBM

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.0$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

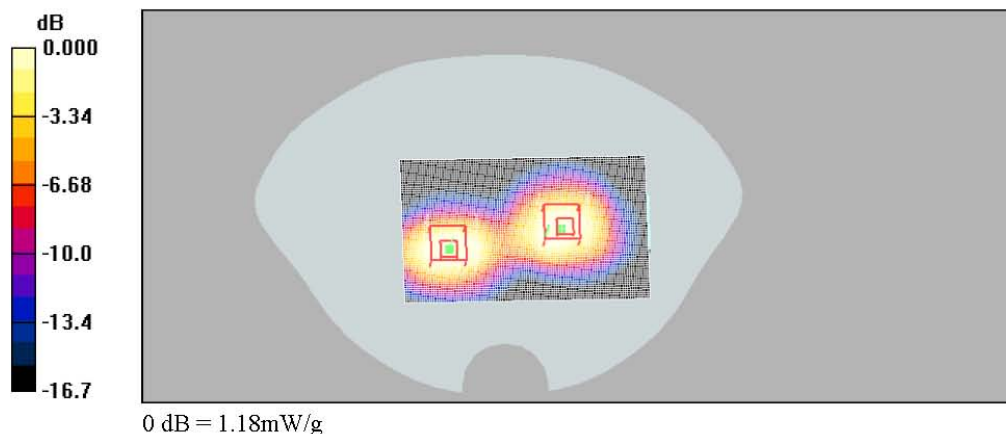
DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.73, 4.73, 4.73); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Middle_procedure_Top_EVDO/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.68 mW/g

Middle_procedure_Top_EVDO/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 10.4 V/m; Power Drift = -0.188 dB
 Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.786 mW/g
 Maximum value of SAR (measured) = 1.61 mW/g

Middle_procedure_Top_EVDO/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 10.4 V/m; Power Drift = -0.188 dB
 Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.654 mW/g
 Maximum value of SAR (measured) = 1.18 mW/g



Date/Time: 2006-10-16 2:40:59

Test Laboratory: SGS Testing Korea
 File Name: [IBM_PCS1900_1st.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
 Program Name: IBM

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.0$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(4.73, 4.73, 4.73); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP; Type: SAM MIC #2000-93; Serial: TP-1299
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Middle_procedure_Top_EVDO ANT IN/Area Scan (71x81x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.080 mW/g

Middle_procedure_Top_EVDO ANT IN/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

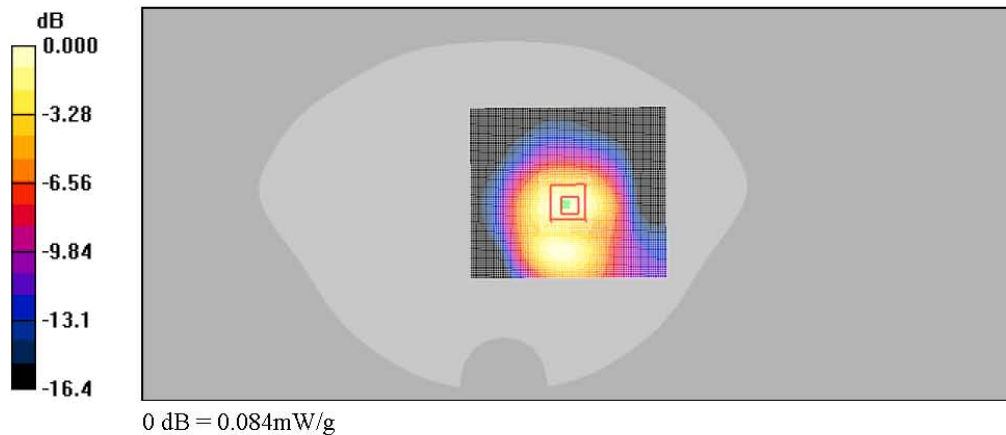
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.35 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



2. Nalea CY23

Date/Time: 2006-09-15 20:24:57

Test Laboratory: SGS Testing Korea
File Name: [Nalea_CDMA_1x.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
Program Name: Nalea

Communication System: CDMA 835MHz; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.946$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.05, 6.05, 6.05); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

High_procedure_Top/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.786 mW/g

High_procedure_Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

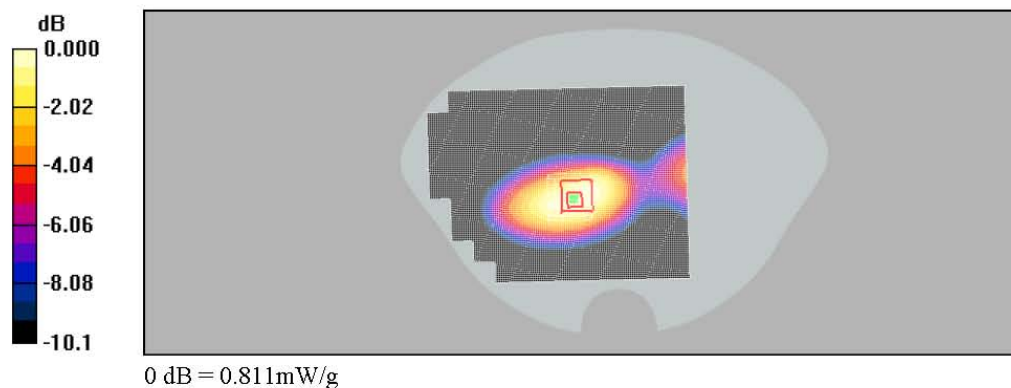
Reference Value = 22.4 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.499 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.811 mW/g



Date/Time: 2006-09-15 19:10:38

Test Laboratory: SGS Testing Korea
 File Name: [Nalea_CDMA_1x.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
 Program Name: Nalea

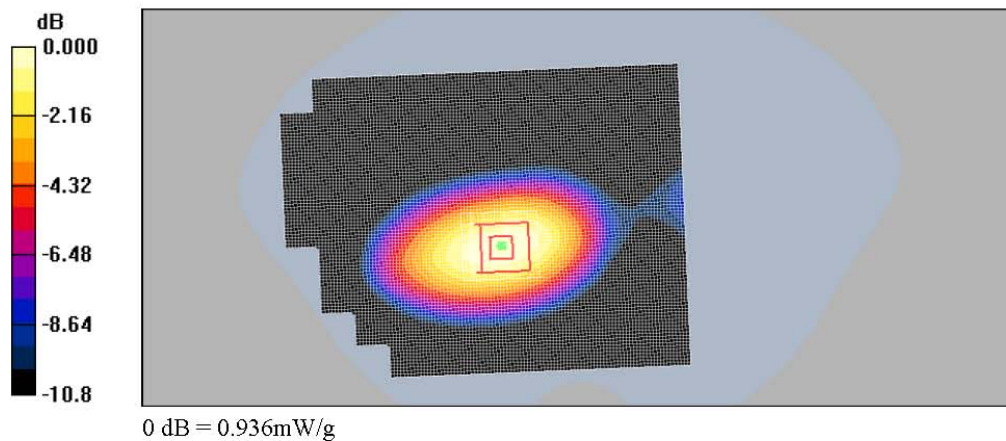
Communication System: CDMA 835MHz; Frequency: 824.7 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.923 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.05, 6.05, 6.05); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Low_procedure_Top/Area Scan (91x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.944 mW/g

Low_procedure_Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 20.2 V/m ; Power Drift = -0.125 dB
 Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.872 mW/g ; SAR(10 g) = 0.581 mW/g
 Maximum value of SAR (measured) = 0.936 mW/g



Date/Time: 2006-10-13 23:40:34

Test Laboratory: SGS Testing Korea
 File Name: [Nalea_CDMA_1x_1st.da4](#)

DUT: C-motech; Type: CDMA terminal; Serial: **Not Specified**
 Program Name: Nalea

Communication System: CDMA 835MHz; Frequency: 835.89 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.938$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1782; ConvF(6.05, 6.05, 6.05); Calibrated: 2006-05-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn614; Calibrated: 2006-08-22
- Phantom: SAM MIC #2000-93 with CRP_900MHz; Type: SAM MIC #2000-93; Serial: TP-1300
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Middle_procedure_Top ANT IN/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.056 mW/g

Middle_procedure_Top ANT IN/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.06 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.032 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.056 mW/g

