

Date/Time: 2006-09-15 21:14:05

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

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

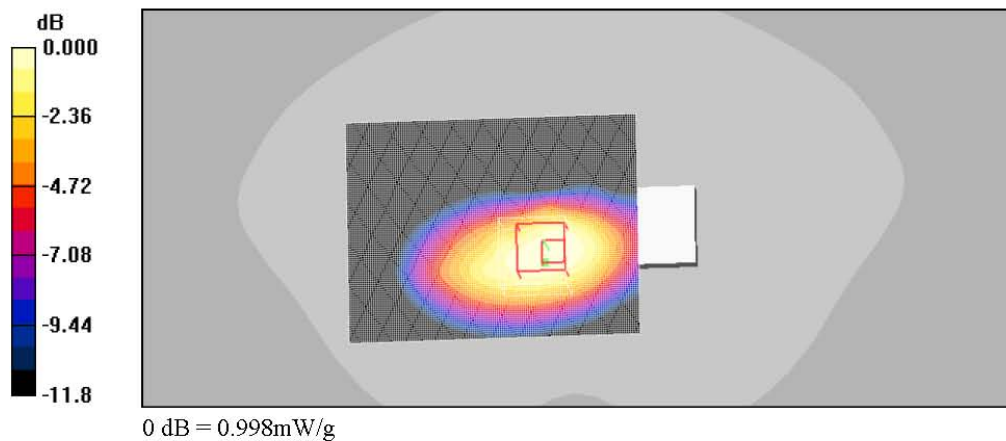
Communication System: CDMA 835MHz; Frequency: 835.89 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.934 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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

Middle_procedure_Top_EVDO/Area Scan (101x131x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 1.00 mW/g

Middle_procedure_Top_EVDO/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 29.1 V/m; Power Drift = -0.135 dB
 Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.624 mW/g
 Maximum value of SAR (measured) = 0.998 mW/g



Date/Time: 2006-09-15 16:42:39

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

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

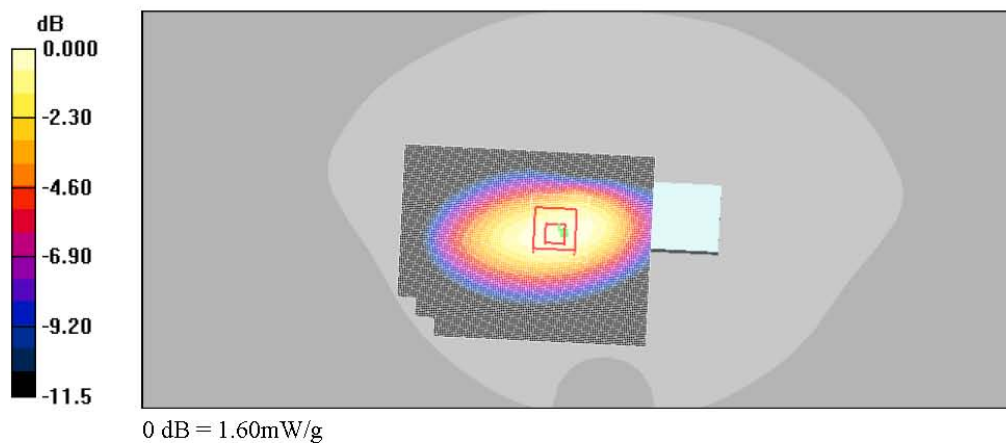
Communication System: CDMA 835MHz; Frequency: 835.89 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.934 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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

Middle_procedure_Top/Area Scan (101x131x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 1.56 mW/g

Middle_procedure_Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 30.3 V/m; Power Drift = 0.094 dB
 Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 1 mW/g
 Maximum value of SAR (measured) = 1.60 mW/g



Date/Time: 2006-10-13 16:16:08

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): $f = 835.89 \text{ MHz}$; $\sigma = 0.938 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
 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

Middle_procedure_Top 90 degree/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Maximum value of SAR (interpolated) = 0.336 mW/g

Middle_procedure_Top 90 degree/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

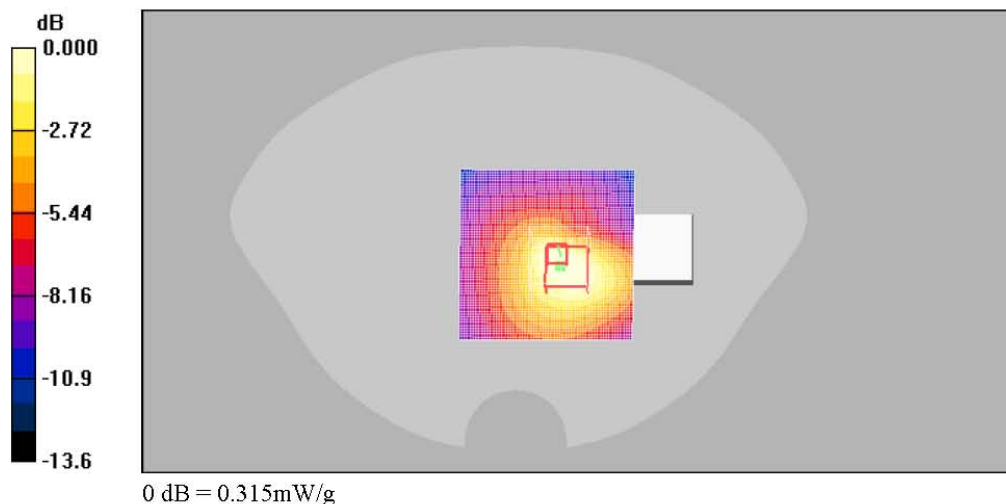
Reference Value = 11.6 V/m ; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.294 mW/g ; SAR(10 g) = 0.185 mW/g

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

Maximum value of SAR (measured) = 0.315 mW/g



Date/Time: 2006-10-13 17:00:23

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): $f = 835.89 \text{ MHz}$; $\sigma = 0.938 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
 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

Middle_procedure_Side/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Maximum value of SAR (interpolated) = 0.149 mW/g

Middle_procedure_Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

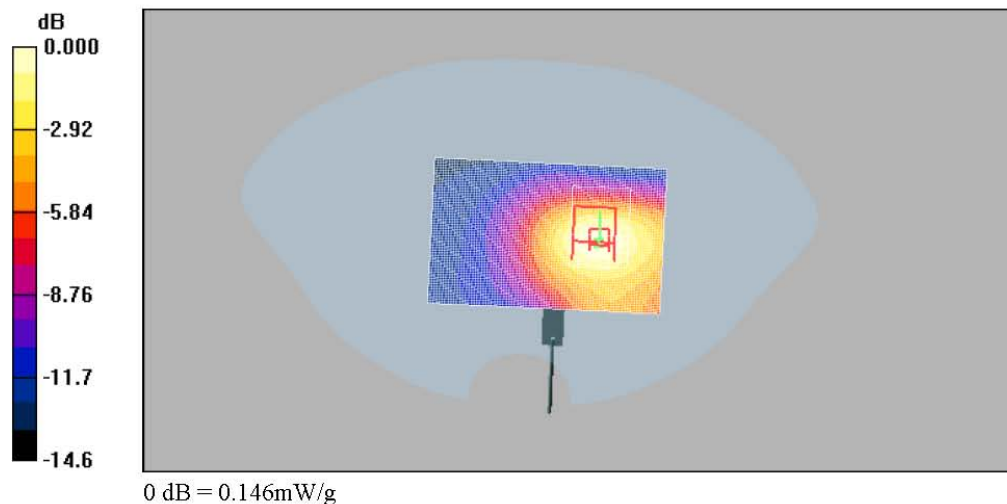
Reference Value = 6.00 V/m ; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.135 mW/g ; SAR(10 g) = 0.084 mW/g

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

Maximum value of SAR (measured) = 0.146 mW/g



Date/Time: 2006-10-15 16:49:33

Test Laboratory: SGS Testing Korea
 File Name: [Nalea_PCS1900_1st.da4](#)

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

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

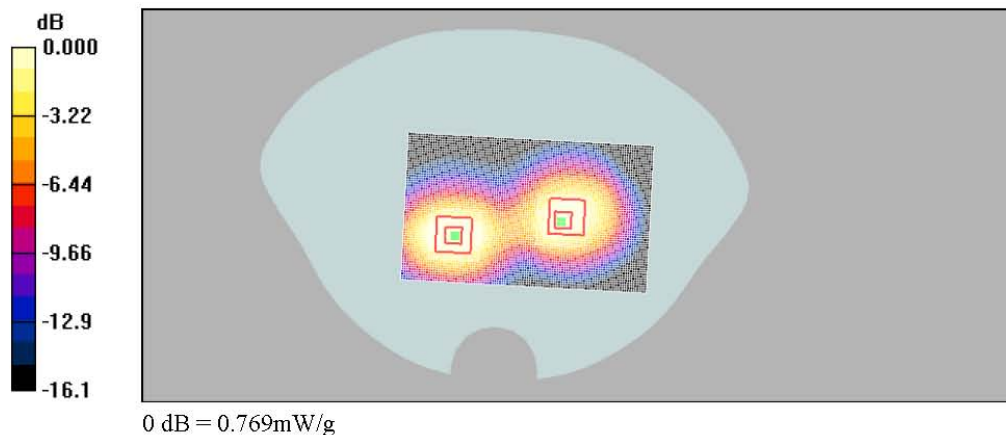
DASY4 Configuration:

- 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) = 1.05 mW/g

Middle_procedure_Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 9.24 V/m; Power Drift = -0.134 dB
 Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.526 mW/g
 Maximum value of SAR (measured) = 1.03 mW/g

Middle_procedure_Top/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 9.24 V/m; Power Drift = -0.134 dB
 Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.416 mW/g
 Maximum value of SAR (measured) = 0.769 mW/g



Date/Time: 2006-10-15 17:38:54

Test Laboratory: SGS Testing Korea
 File Name: [Nalea_PCS1900_1st.da4](#)

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.0$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

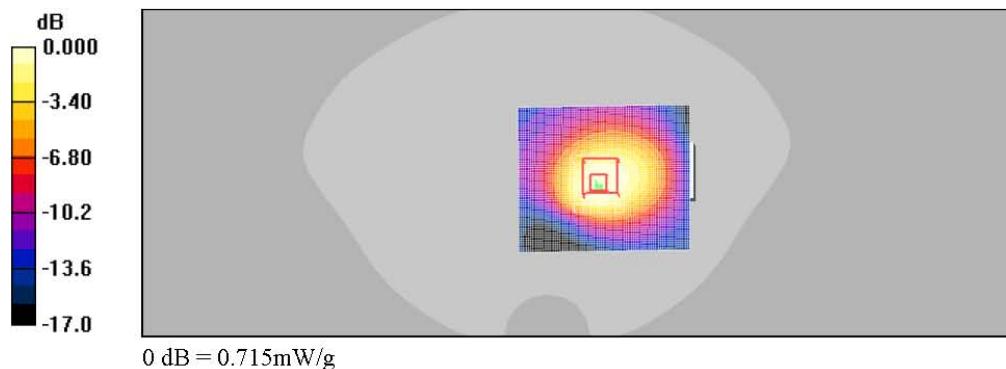
DASY4 Configuration:

- 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 90 degree/Area Scan (61x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.790 mW/g

Middle_procedure_Top 90 degree/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.91 V/m ; Power Drift = -0.082 dB
 Peak SAR (extrapolated) = 1.15 W/kg
 SAR(1 g) = 0.667 mW/g ; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.715 mW/g



Date/Time: 2006-10-15 18:32:52

Test Laboratory: SGS Testing Korea
 File Name: [Nalea_PCS1900_1st.da4](#)

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

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_Side/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.033 mW/g

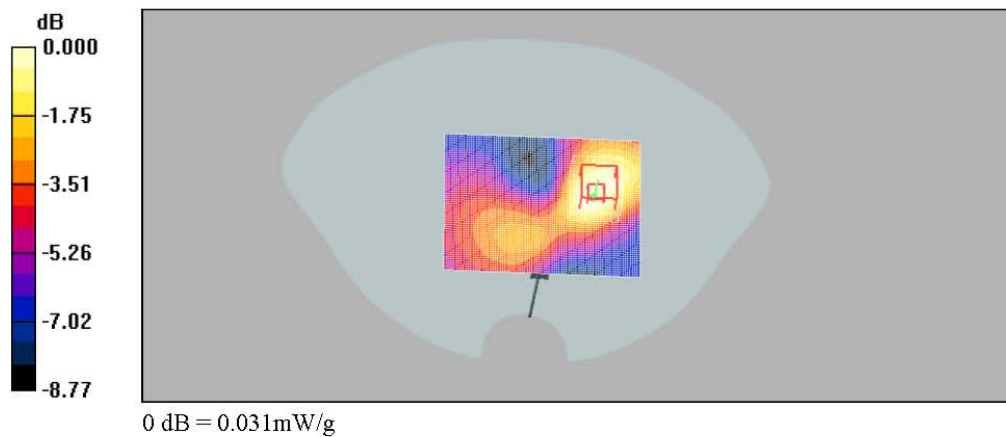
Middle_procedure_Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.54 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.031 mW/g



Date/Time: 2006-10-15 19:43:23

Test Laboratory: SGS Testing Korea
File Name: [Nalea_PCS1900_1st.da4](#)

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

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) = 0.772 mW/g

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

Reference Value = 12.1 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.395 mW/g

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

Maximum value of SAR (measured) = 0.760 mW/g

Low_procedure_Top/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

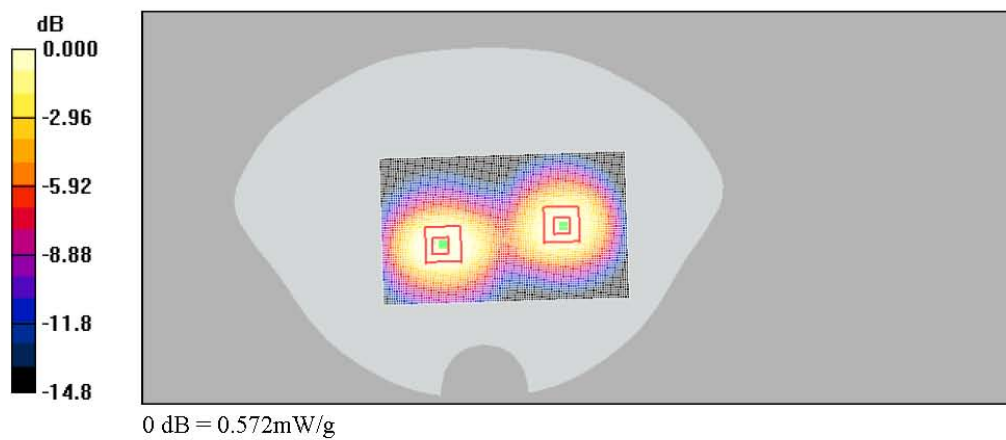
Reference Value = 12.1 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.813 W/kg

SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.324 mW/g

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

Maximum value of SAR (measured) = 0.572 mW/g



Date/Time: 2006-10-15 20:31:26

Test Laboratory: SGS Testing Korea
 File Name: [Nalea_PCS1900_1st.da4](#)

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

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) = 0.878 mW/g

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

Reference Value = 13.2 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.821 mW/g

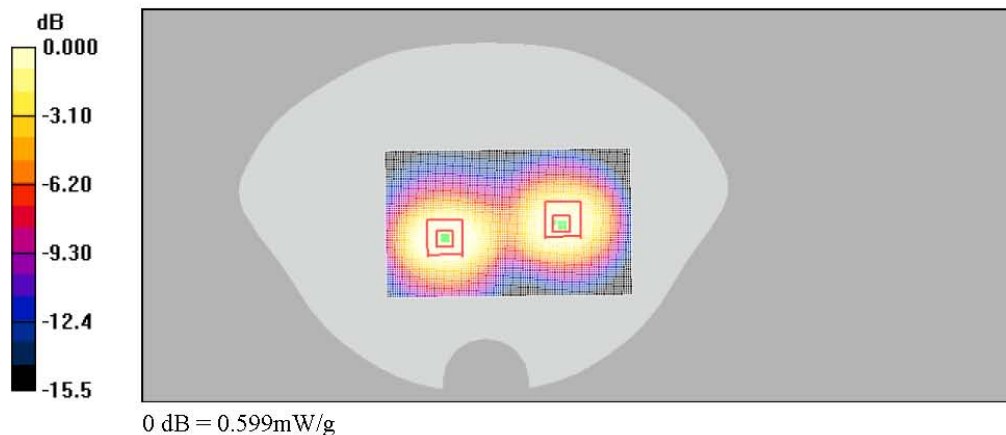
High_procedure_Top/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 0.599 mW/g



Date/Time: 2006-10-15 21:00:41

Test Laboratory: SGS Testing Korea
 File Name: [Nalea_PCS1900_1st.da4](#)

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

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) = 1.15 mW/g

Middle_procedure_Top_EVDO/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 12.6 V/m; Power Drift = -0.052 dB
 Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.522 mW/g
 Maximum value of SAR (measured) = 1.09 mW/g

