

3. TG

Date/Time: 2006-10-13 18:12:47

Test Laboratory: SGS Testing Korea
 File Name: [TG_CDMA_1x_1.da4](#)

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

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_Side/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.419 mW/g

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

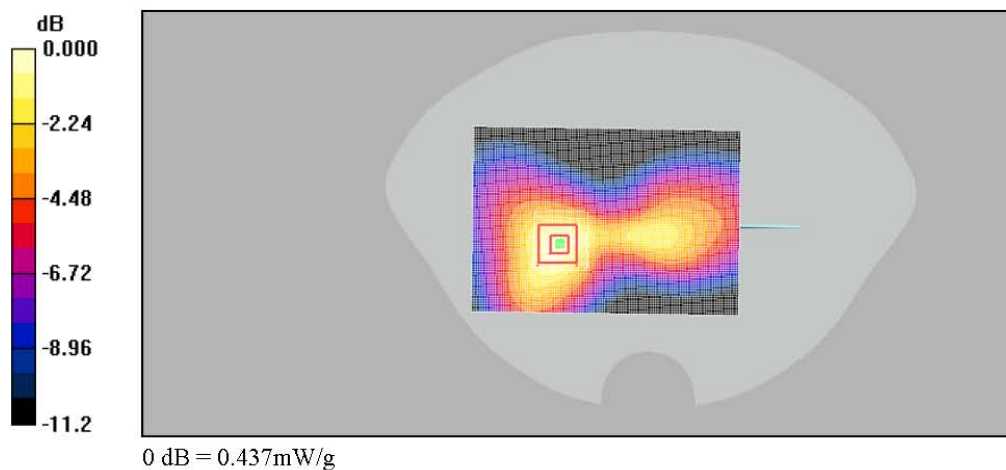
Reference Value = 15.2 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.250 mW/g

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

Maximum value of SAR (measured) = 0.437 mW/g



Date/Time: 2006-10-13 19:14:20

Test Laboratory: SGS Testing Korea
 File Name: [TG_CDMA_1x_1.da4](#)

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

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_Side 90 degree/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.302 mW/g

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

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

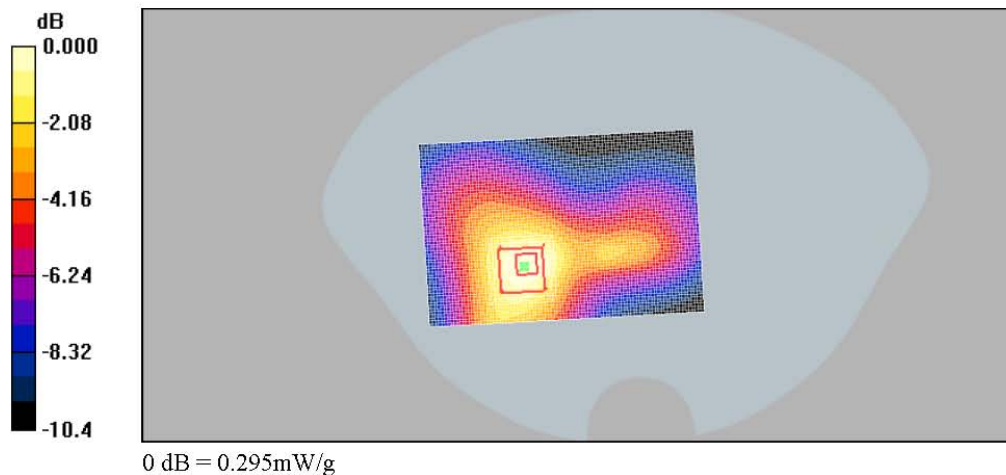
Reference Value = 11.0 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.175 mW/g

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

Maximum value of SAR (measured) = 0.295 mW/g



Date/Time: 2006-10-13 20:20:07

Test Laboratory: SGS Testing Korea
 File Name: [TG_CDMA_1x_1.da4](#)

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

Communication System: CDMA 835MHz; Frequency: 824.7 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 824.7 \text{ MHz}$; $\sigma = 0.926 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
 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

Low_procedure_Side/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Maximum value of SAR (interpolated) = 0.492 mW/g

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

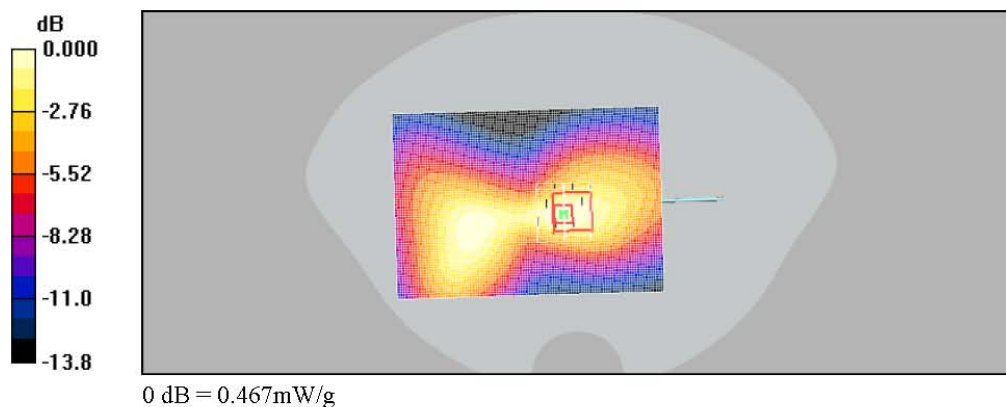
Reference Value = 19.7 V/m ; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.422 mW/g ; SAR(10 g) = 0.227 mW/g

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

Maximum value of SAR (measured) = 0.467 mW/g



Date/Time: 2006-10-13 21:29:40

Test Laboratory: SGS Testing Korea
File Name: [TG_CDMA_1x_1.da4](#)

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

Communication System: CDMA 835MHz; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.952$ 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

High_ procedure_Side/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (interpolated) = 0.567 mW/g

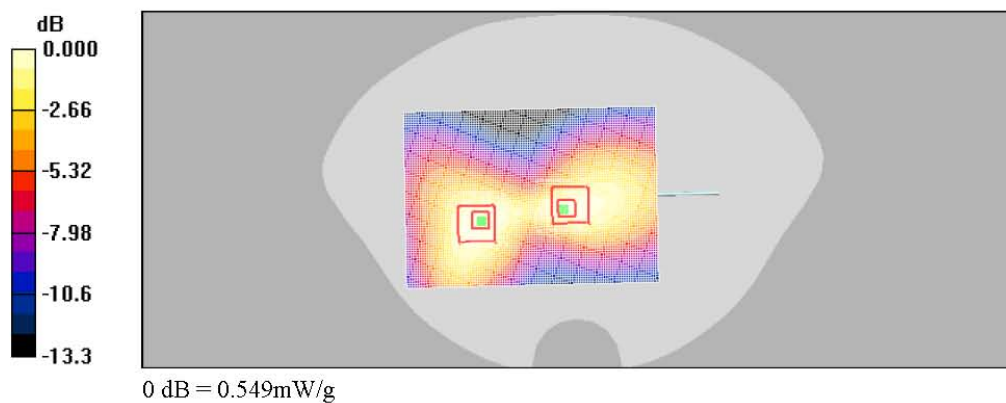
High_ procedure_Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 0.922 W/kg
SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.336 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.590 mW/g

High_ procedure_Side/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.287 mW/g

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

Maximum value of SAR (measured) = 0.549 mW/g



Date/Time: 2006-10-13 22:30:48

Test Laboratory: SGS Testing Korea
File Name: [TG_CDMA_1x_1.da4](#)

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

Communication System: CDMA 835MHz; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.952$ 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

High_procedure_Side_EVDO/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (interpolated) = 0.742 mW/g

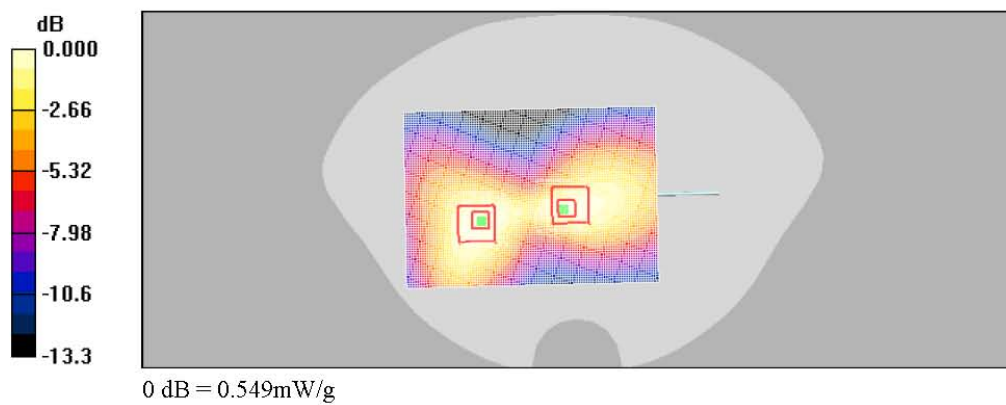
High_procedure_Side_EVDO/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.366 mW/g

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

Maximum value of SAR (measured) = 0.679 mW/g

High_procedure_Side_EVDO/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.418 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.745 mW/g



Date/Time: 2006-10-15 21:40:59

Test Laboratory: SGS Testing Korea
 File Name: [TG_PCS1900.da4](#)

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

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 (61x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.04 mW/g

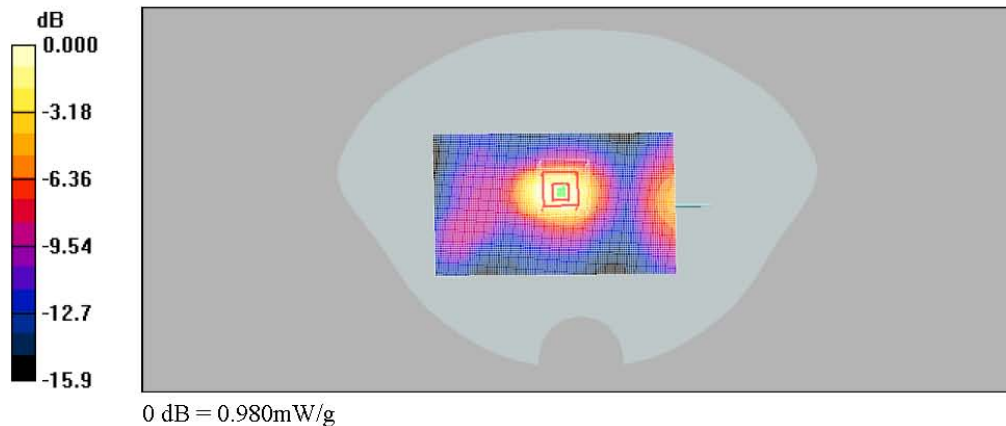
Middle_procedure_Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.475 mW/g

Maximum value of SAR (measured) = 0.980 mW/g



Date/Time: 2006-10-15 22:31:45

Test Laboratory: SGS Testing Korea
 File Name: [TG_PCS1900.da4](#)

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

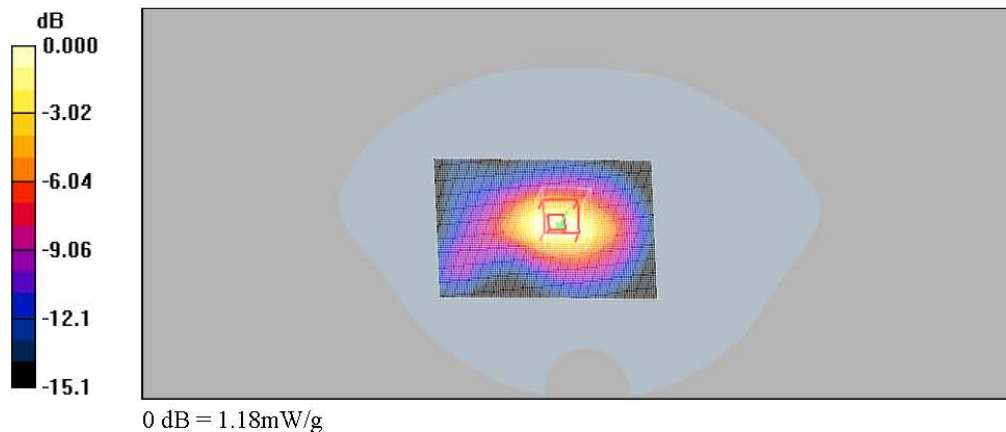
Communication System: PCS1800; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.0$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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_Side 90 degree/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 1.17 mW/g

Middle_procedure_Side 90 degree/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 26.3 V/m; Power Drift = -0.056 dB
 Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.591 mW/g
 Maximum value of SAR (measured) = 1.18 mW/g



Date/Time: 2006-10-15 23:33:43

Test Laboratory: SGS Testing Korea
 File Name: [TG_PCS1900.da4](#)

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

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

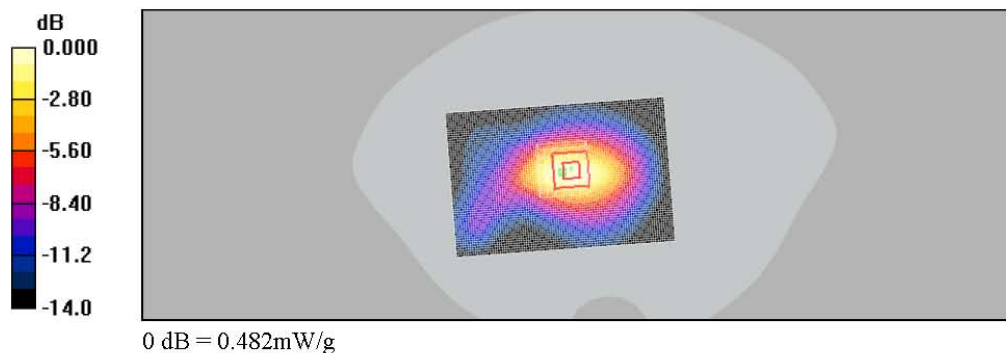
Low_procedure_Side 90 degree/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (interpolated) = 0.473 mW/g

Low_procedure_Side 90 degree/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 16.5 V/m; Power Drift = -0.016 dB
 Peak SAR (extrapolated) = 0.710 W/kg
 SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.241 mW/g

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

Maximum value of SAR (measured) = 0.482 mW/g



Date/Time: 2006-10-15 24:42:41

Test Laboratory: SGS Testing Korea
 File Name: [TG_PCS1900.da4](#)

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

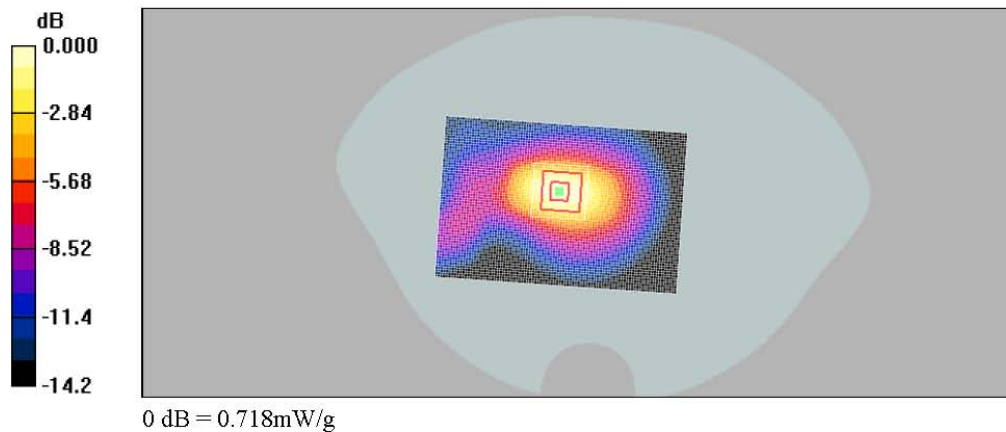
Communication System: PCS1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.50$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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_Side 90 degree/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.745 mW/g

High_procedure_Side 90 degree/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 15.6 V/m; Power Drift = -0.163 dB
 Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.356 mW/g
 Maximum value of SAR (measured) = 0.718 mW/g



Date/Time: 2006-10-16 1:30:39

Test Laboratory: SGS Testing Korea
 File Name: [TG_PCS1900.da4](#)

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

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 90 degree_EVDO/Area Scan (61x91x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (interpolated) = 1.21 mW/g

Middle_procedure_Side 90 degree_EVDO/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 18.8 V/m; Power Drift = -0.108 dB
 Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.619 mW/g
 Maximum value of SAR (measured) = 1.23 mW/g

