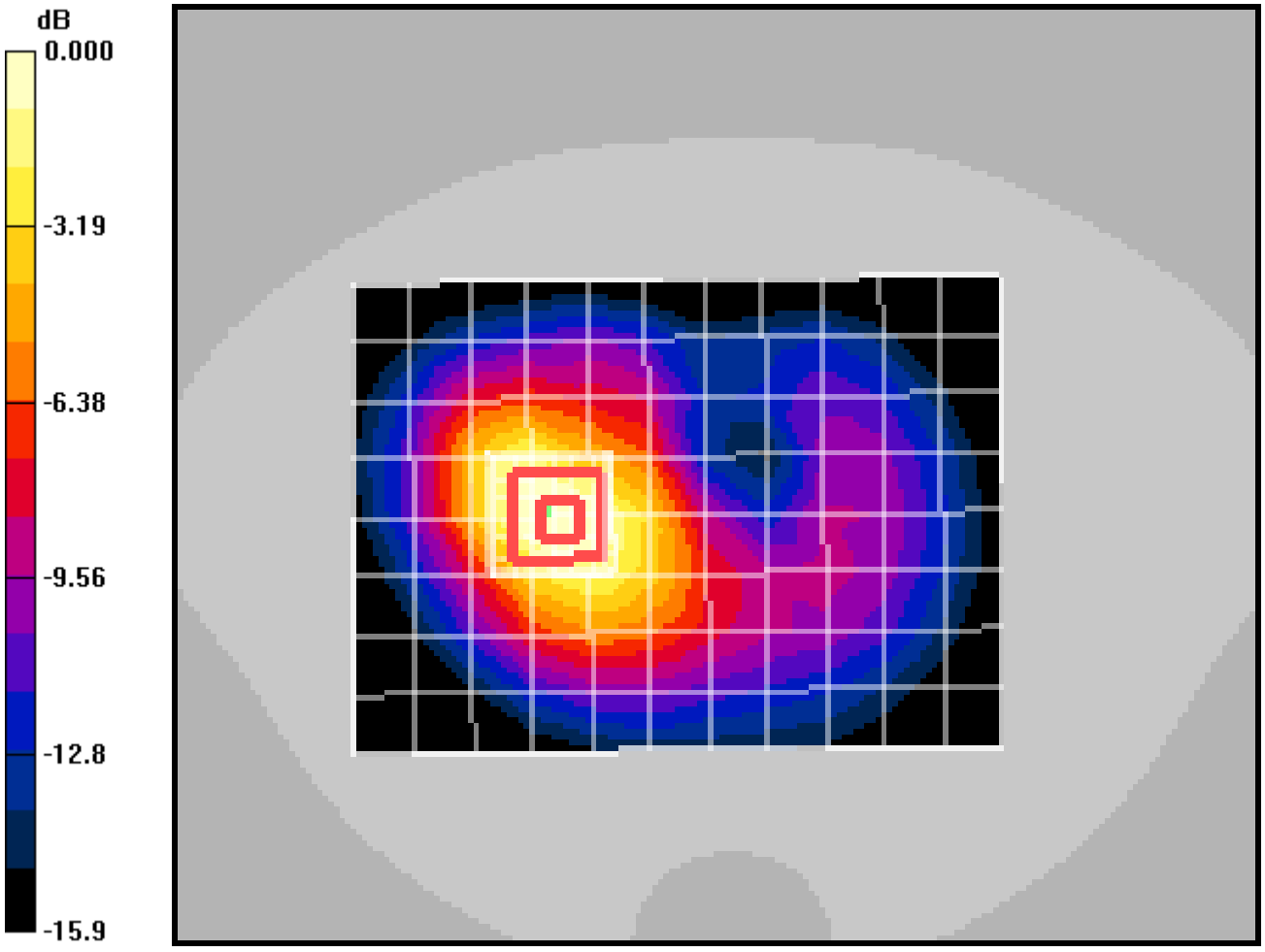
Appendix B2:
SAR Distribution Plots (Body)

Test Laboratory: Kyocera Wireless Corp.

FCC K48-02 Muscle PCS OPEN, 05-19-09

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.52 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.57, 4.57, 4.57), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-19700 25 Face DOWN-15mm/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 11.1 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 2.41 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.773 mW/g



0 dB = 1.34mW/g

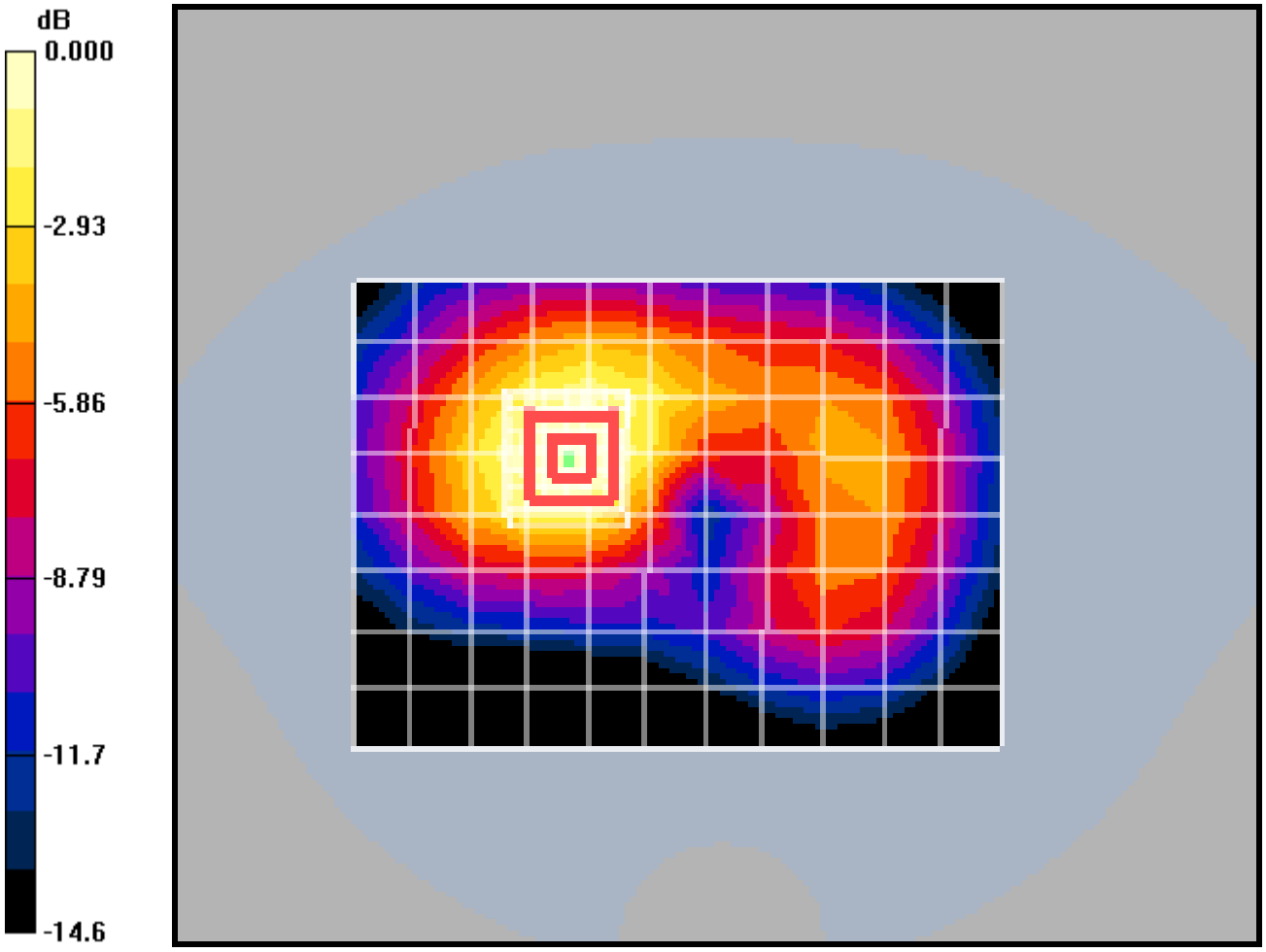
Test Laboratory: Kyocera Wireless Corp.

FCC K48-02 Muscle PCS OPEN, 05-19-09

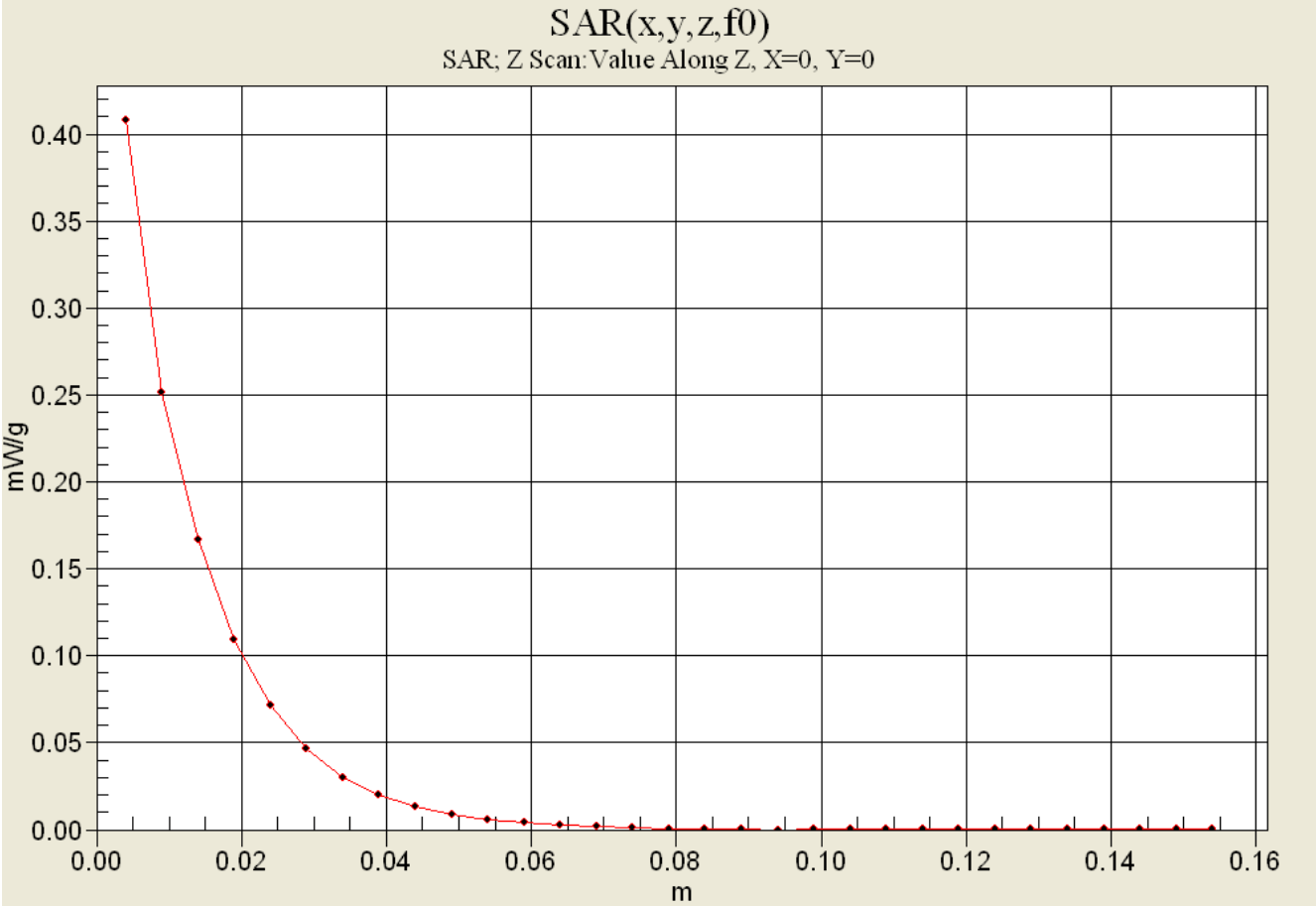
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.57, 4.57, 4.57), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1900 600 Face UP-15mm/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 4.38 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.428 mW/g

CDMA-1900 600 Face UP-15mm/Area Scan (9x12x1): **Measurement grid: dx=15mm, dy=15mm**
Maximum value of SAR (measured) = 0.415 mW/g



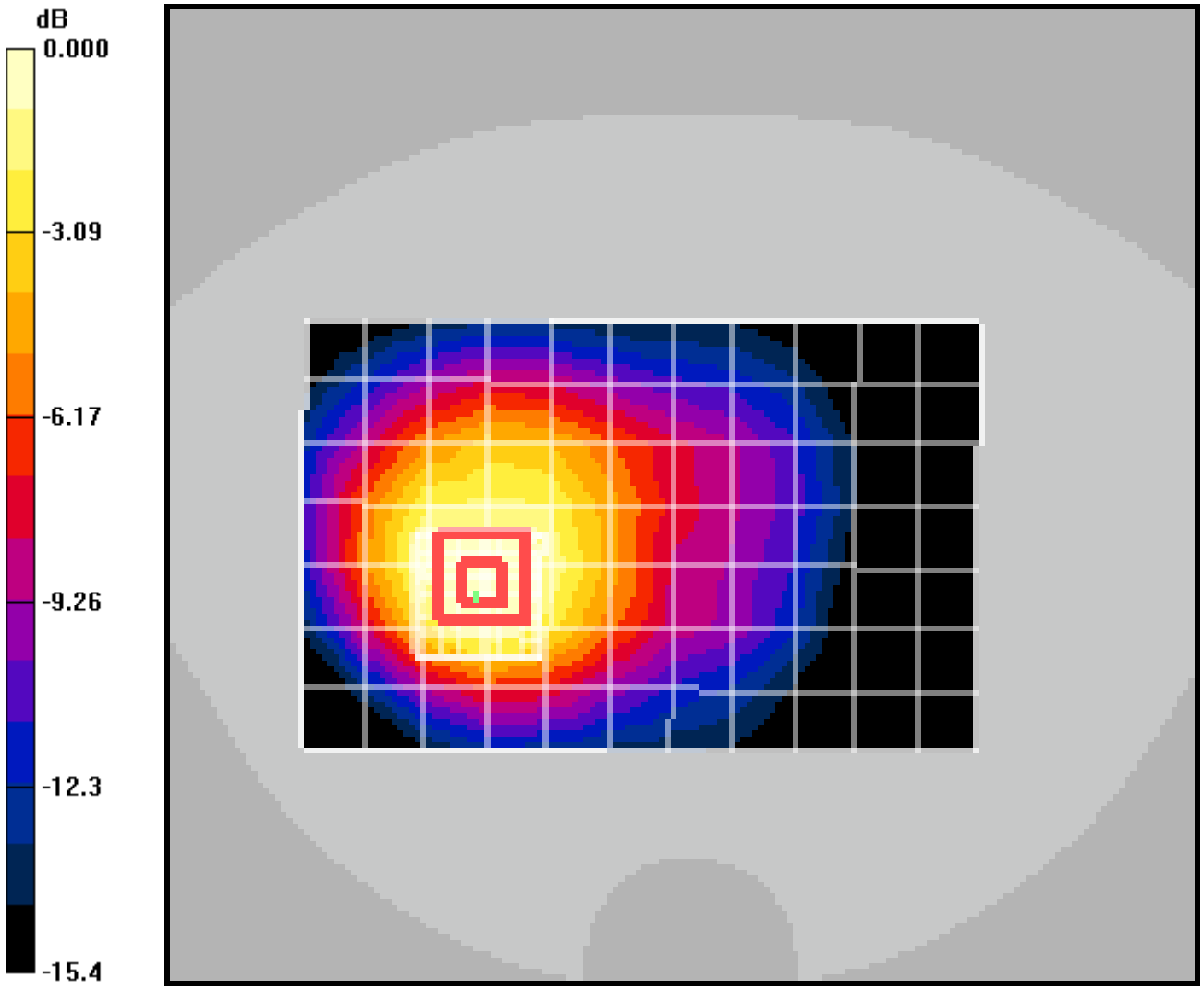
0 dB = 0.415mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

FCC K48-02 Muscle PCS Closed, 05-18-09

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.52 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.57, 4.57, 4.57), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1900 25 Face DOWN-15mm/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 10.6 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.725 mW/g



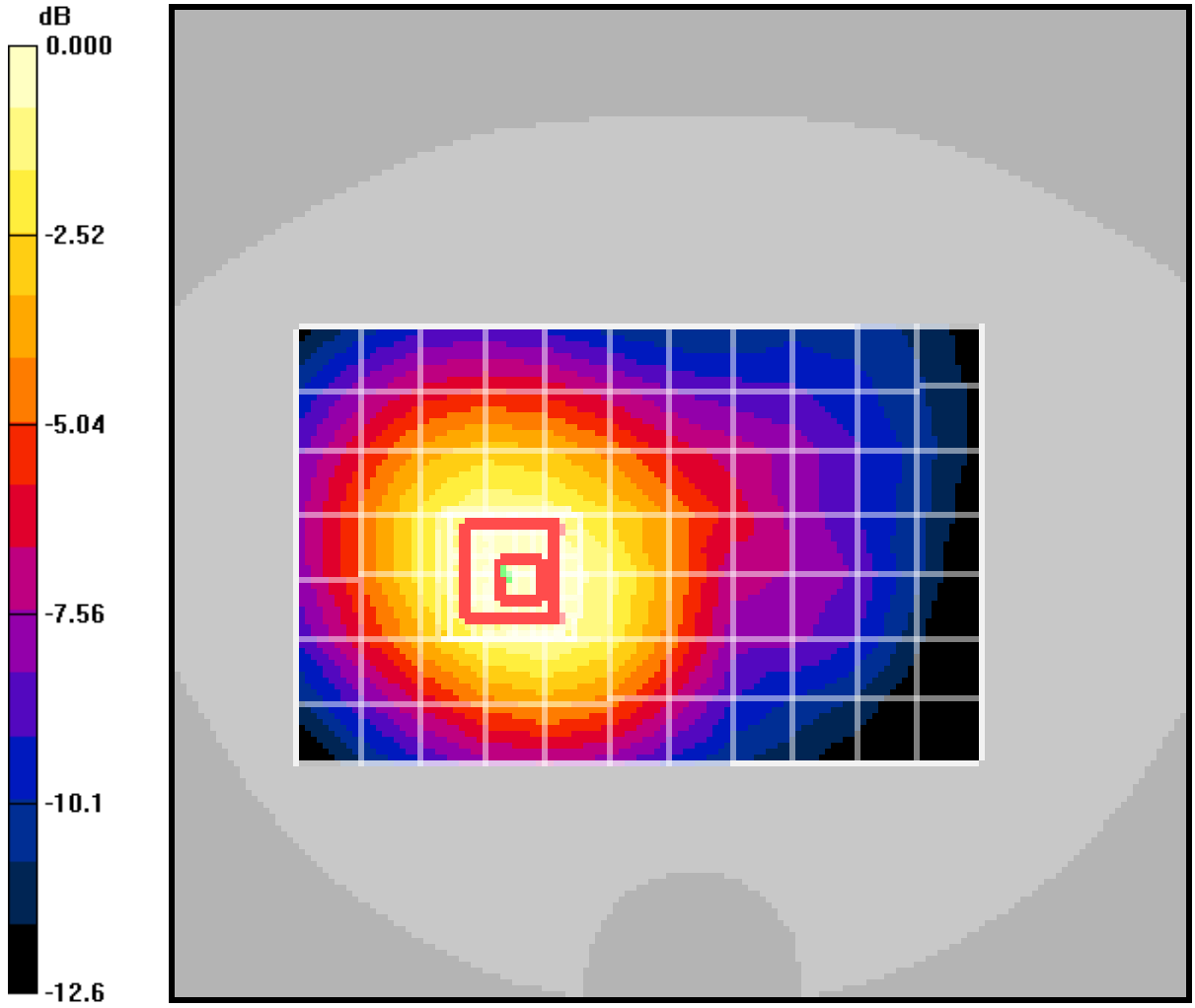
0 dB = 1.22mW/g

Test Laboratory: Kyocera Wireless Corp.

FCC K48-02 Muscle PCS Closed, 05-18-09

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.57, 4.57, 4.57), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1900 600 Leather Case-Face DOWN-receiver Out/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 7.97 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.308 mW/g



0 dB = 0.306mW/g

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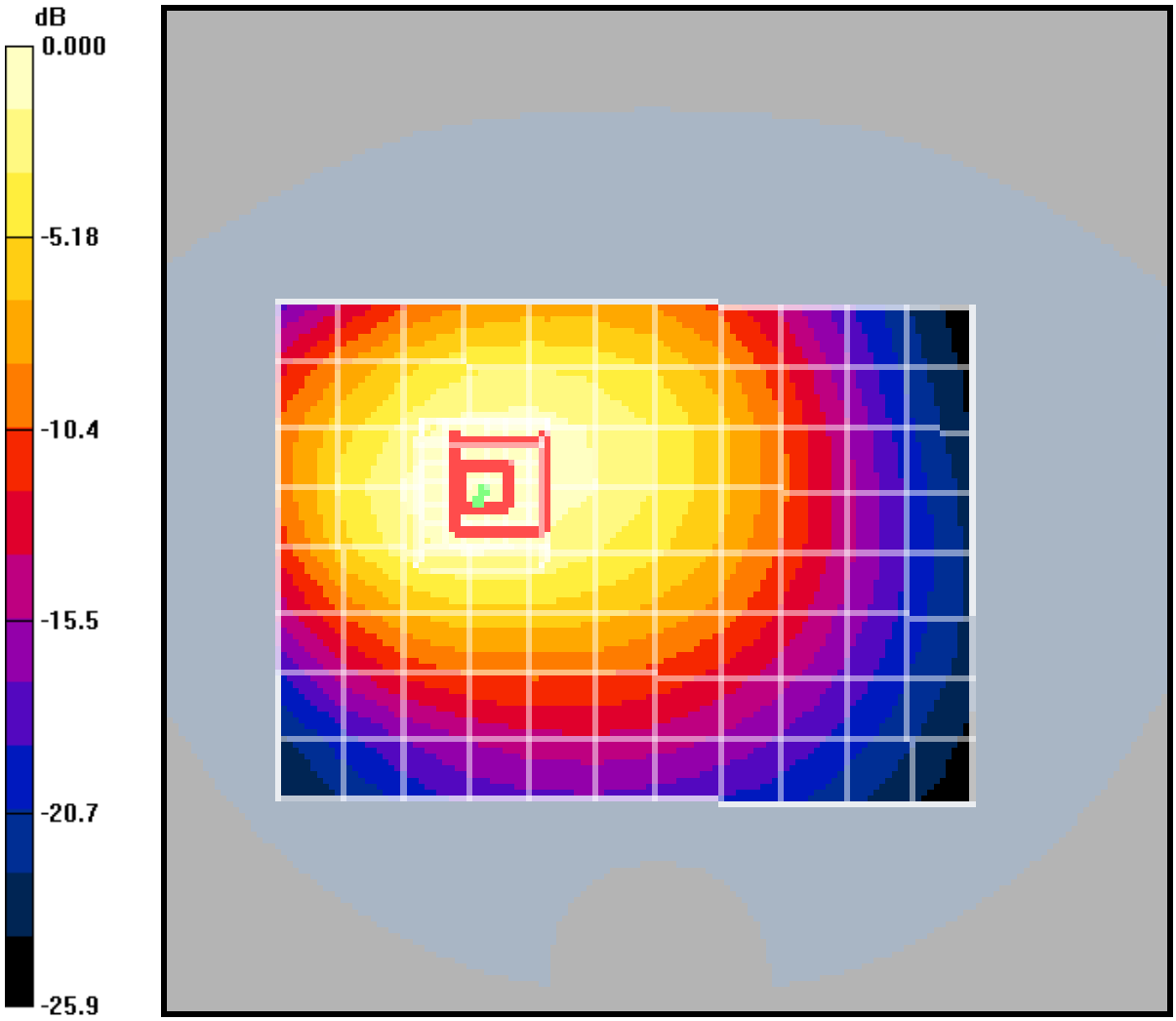
Test Laboratory: Kyocera Wireless Corp.

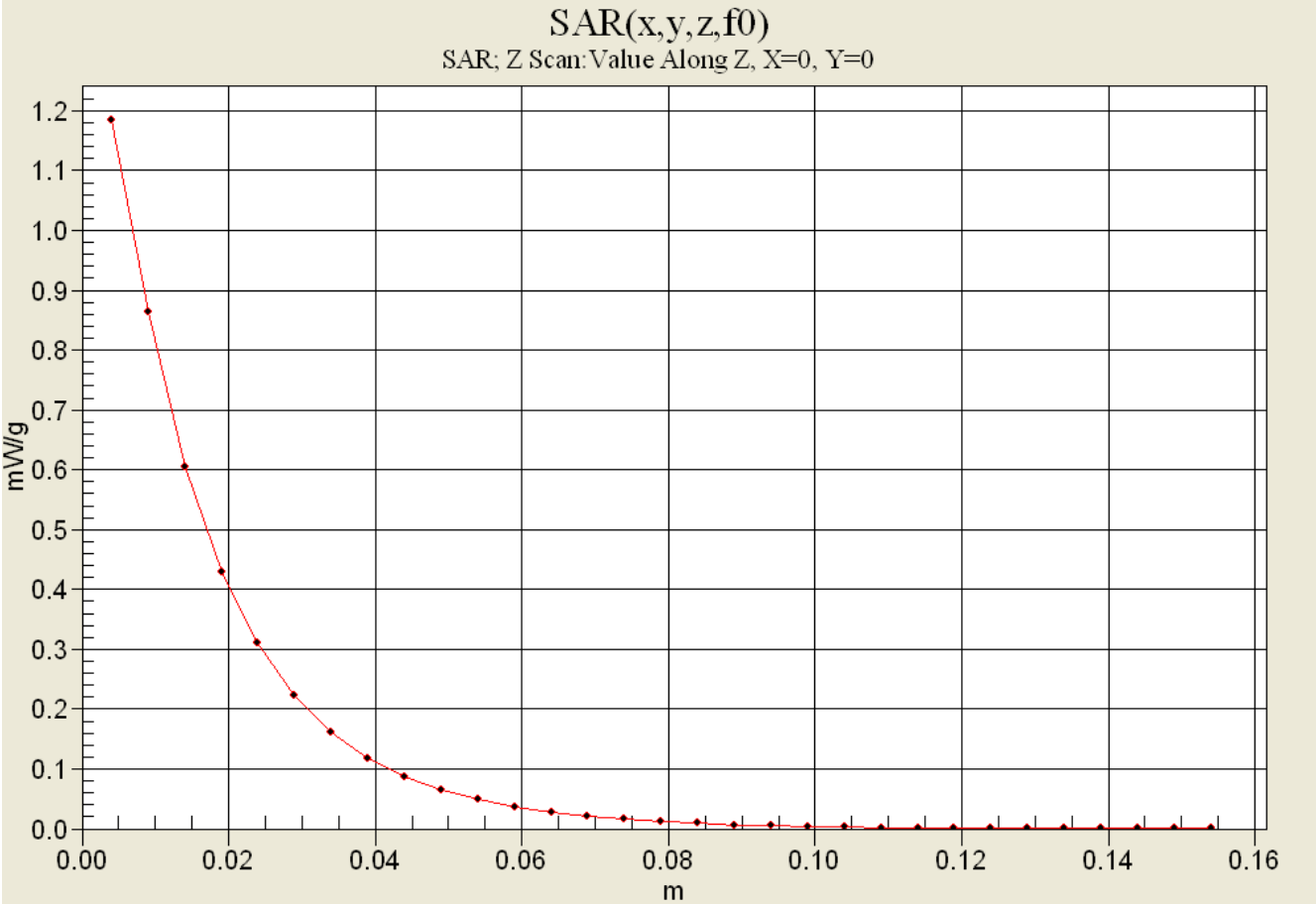
FCC K48-02 Muscle CELL Open, 05-14-08

Communication System: CDMA-800, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: M835,Medium parameters used (interpolated): f = 837 MHz; σ = 0.947 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.41, 6.41, 6.41), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 383 Face DOWN-15mm/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 21.2 V/m; Power Drift = 0.093 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.788 mW/g



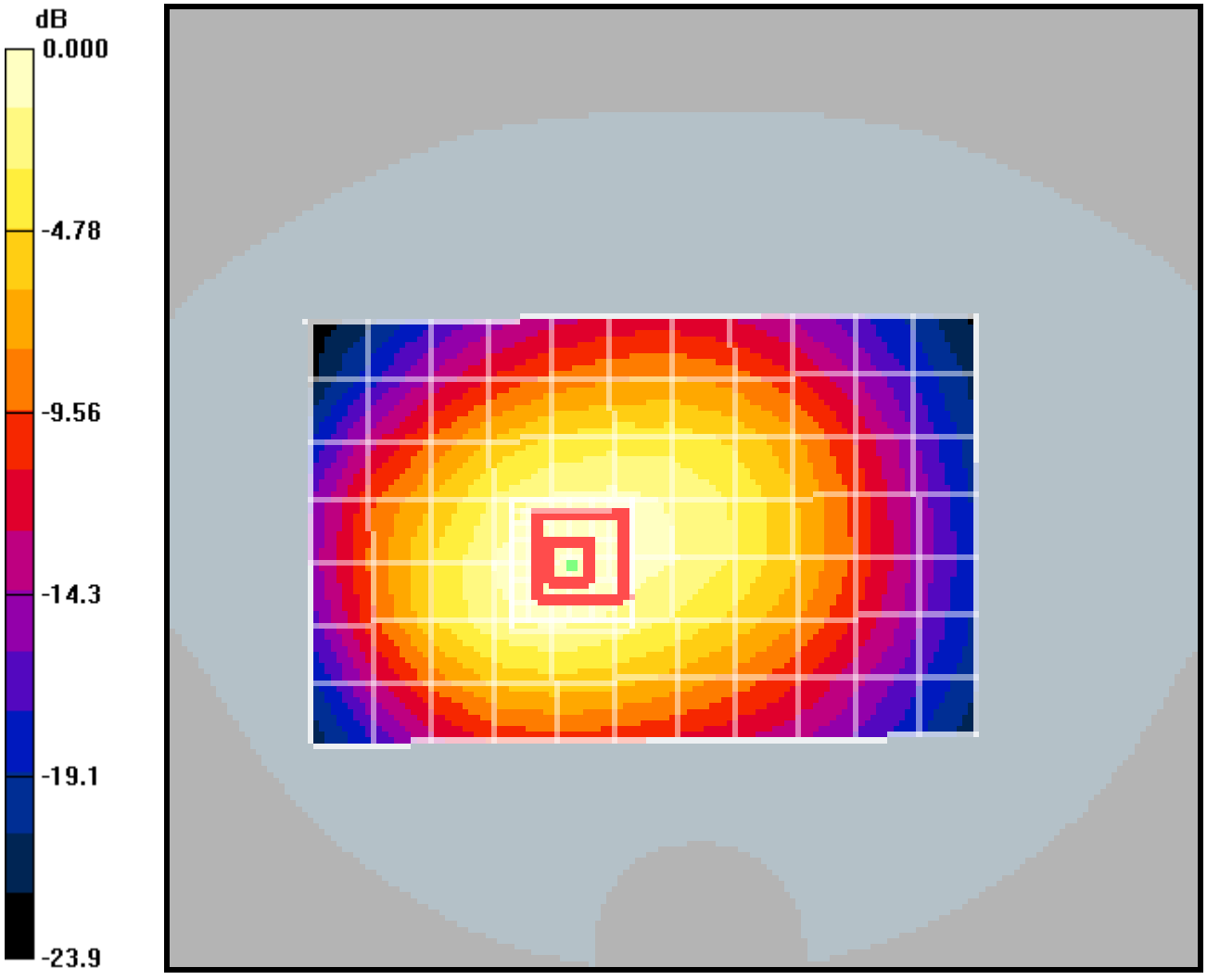
0 dB = 1.19mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
m
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16

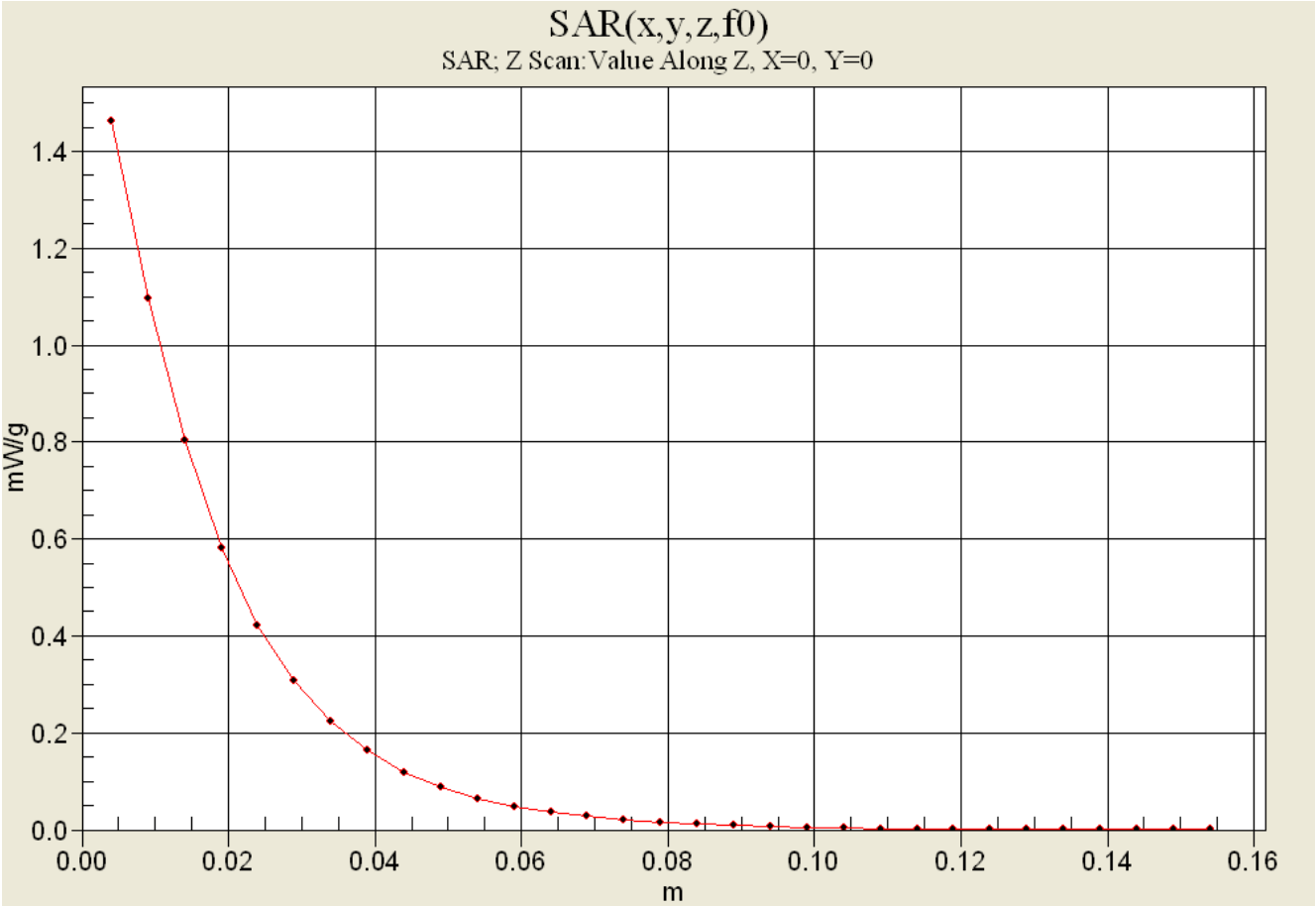
FCC K48-02 Muscle CELL Closed, 05-14-08

Communication System: CDMA-800, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: M835,Medium parameters used (interpolated): f = 837 MHz; σ = 0.947 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.41, 6.41, 6.41), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 383 Face DOWN-15mm/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 34.6 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 1.01 mW/g



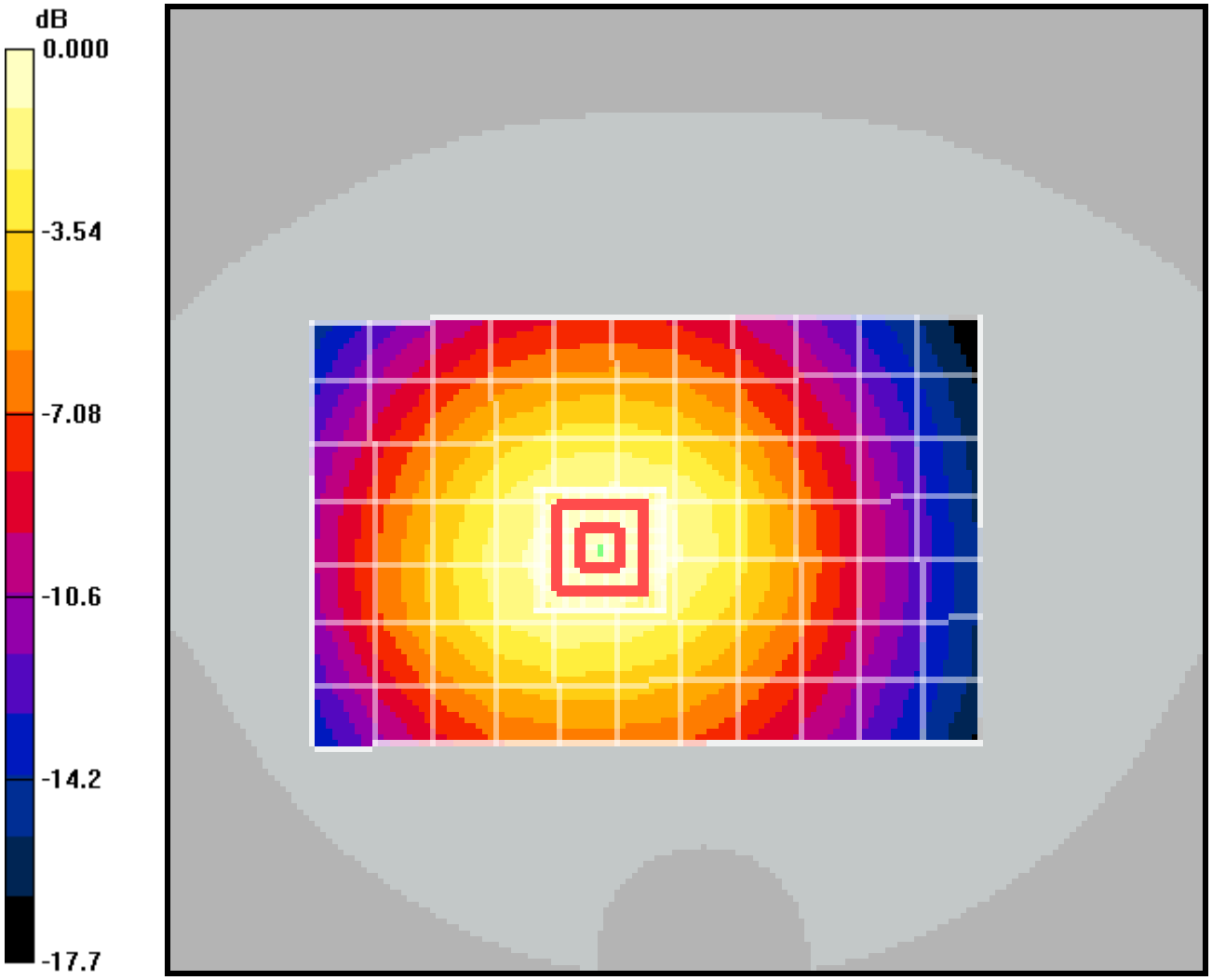
0 dB = 1.52mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

FCC K48-02 Muscle CELL Closed, 05-14-08

Communication System: CDMA-800, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: M835,Medium parameters used (interpolated): f = 837 MHz; σ = 0.947 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.41, 6.41, 6.41), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 383 Leather Case-Face DOWN-Key Out/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 25.3 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.481 mW/g



0 dB = 0.699mW/g

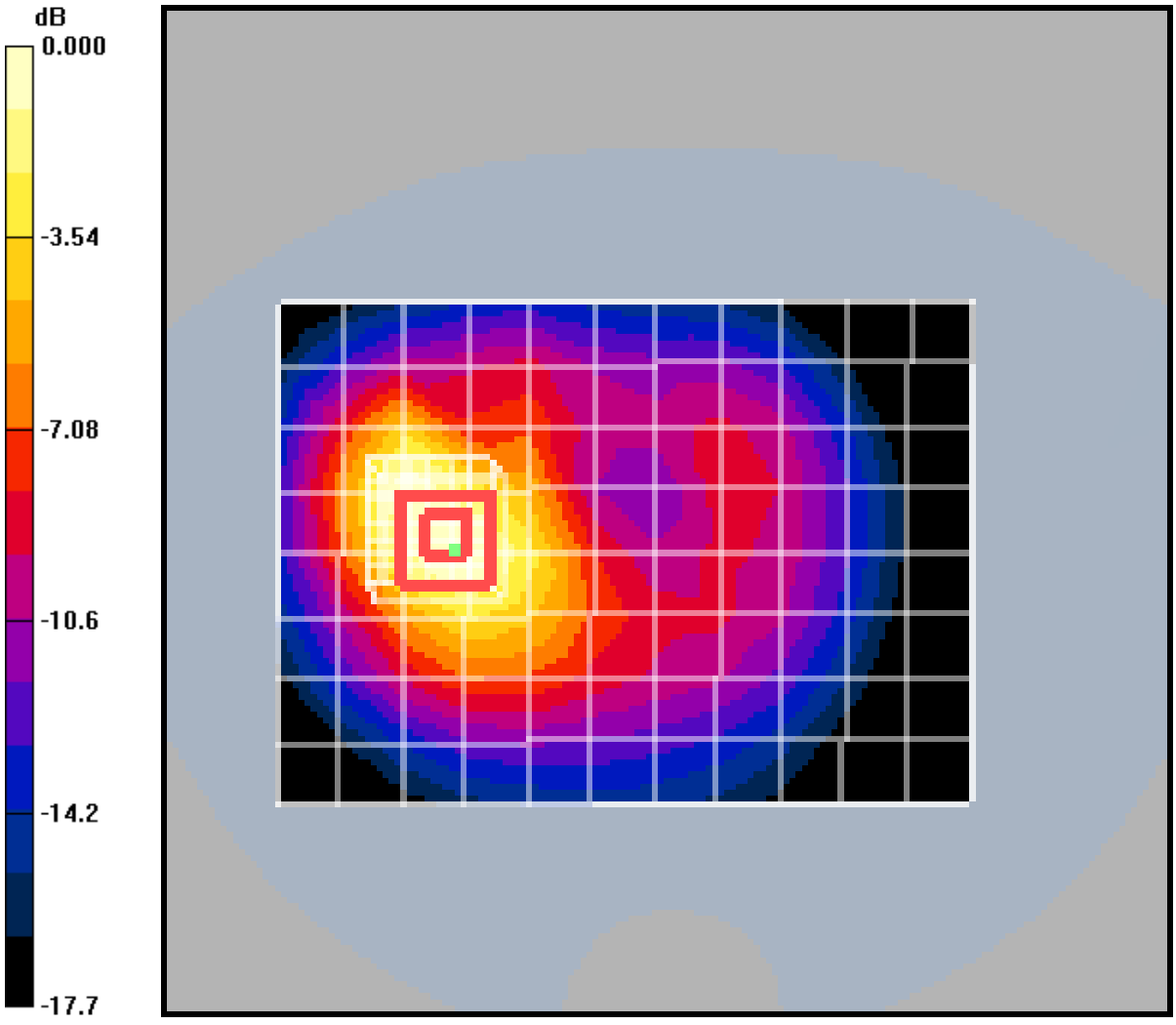
Date/Time: 5/18/2009 3:35:58 PM

Test Laboratory: Kyocera Wireless Corp.

FCC K48-02 Muscle AWS OPEN, 05-18-09

Communication System: AWS 1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: M1700,Medium parameters used: f = 1732.5 MHz; σ = 1.53 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.89, 4.89, 4.89), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 875 Face DOWN-15mm/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 9.56 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.548 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 0.998mW/g

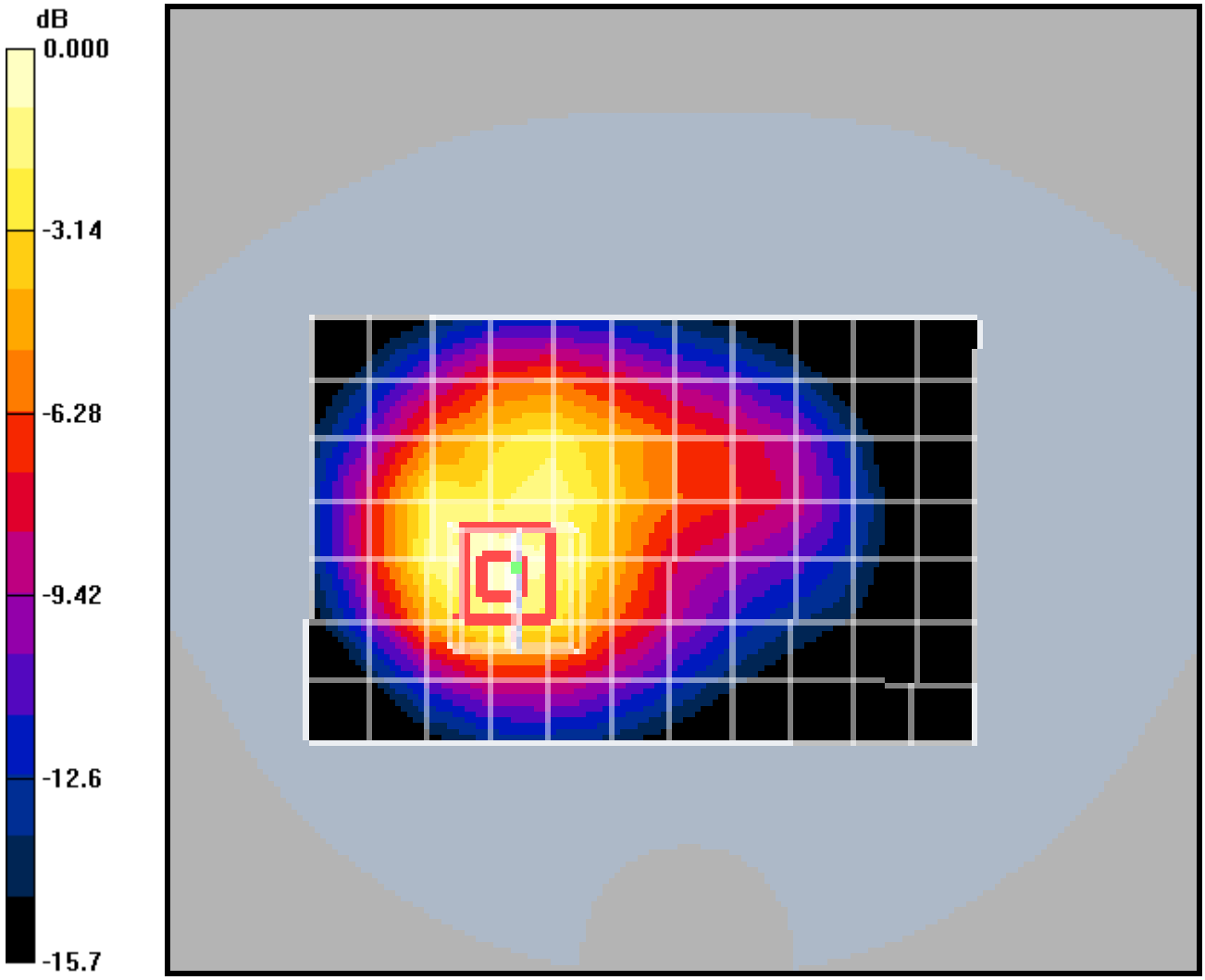
Date/Time: 5/18/2009 10:24:14 AM

Test Laboratory: Kyocera Wireless Corp.

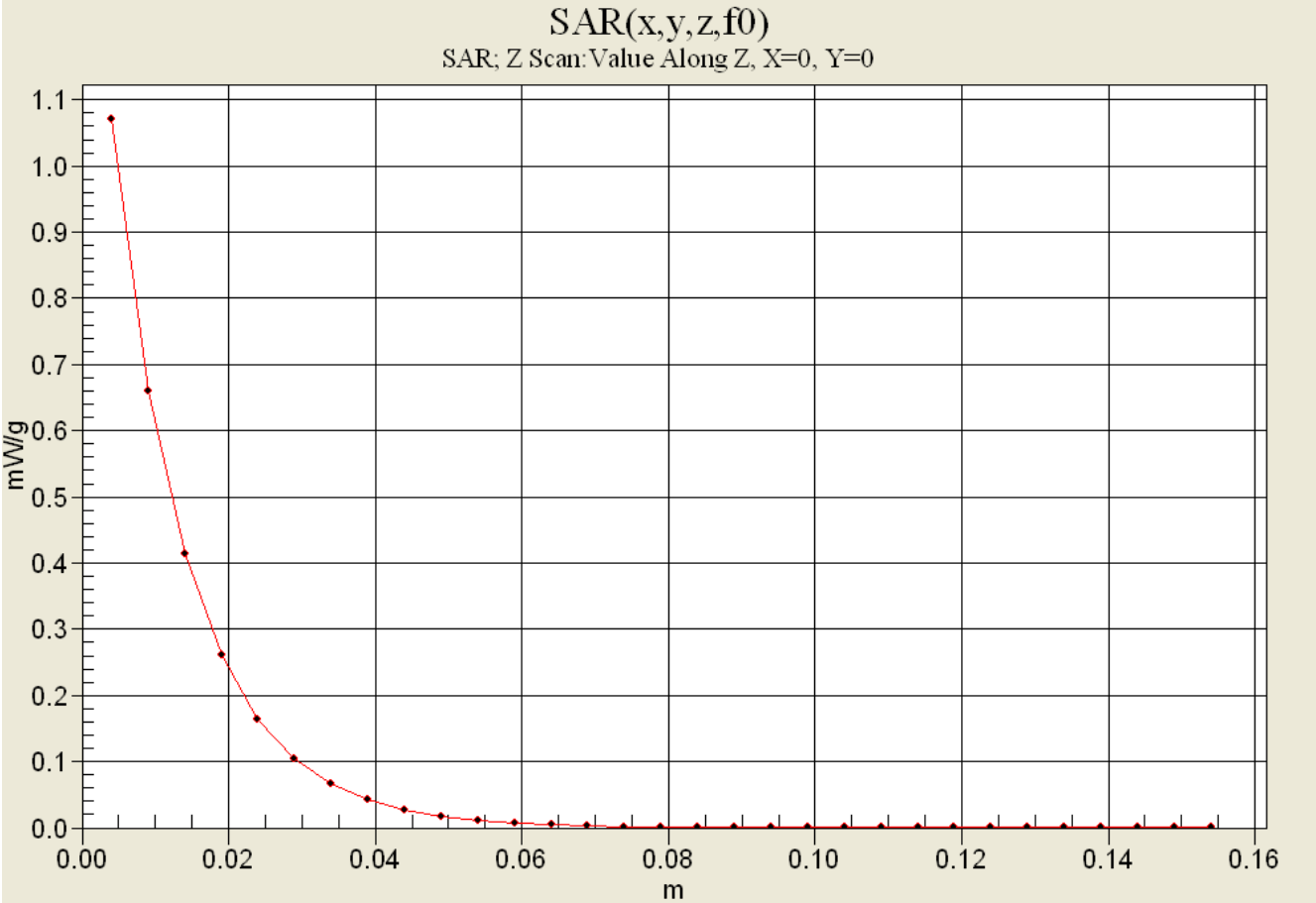
FCC K48-02 Muscle AWS Closed, 05-18-09

Communication System: AWS 1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: M1700,Medium parameters used: f = 1732.5 MHz; σ = 1.53 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.89, 4.89, 4.89), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 450 Face DOWN-15mm/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 11.0 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.608 mW/g
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

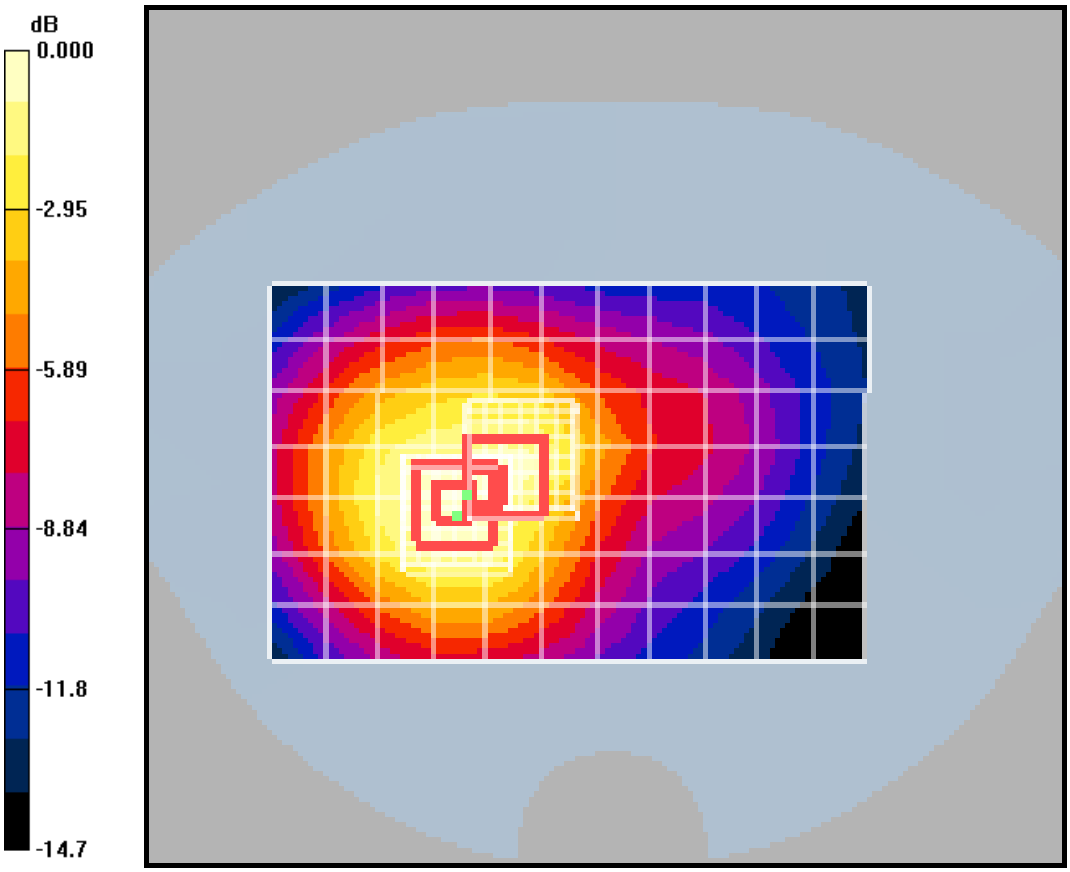

SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
m
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16

FCC K48-02 Muscle AWS Closed, 05-18-09

Communication System: AWS 1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: M1700,Medium parameters used: f = 1732.5 MHz; σ = 1.53 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.89, 4.89, 4.89), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 450 Leather Case-Face DOWN-receiver Out/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 7.87 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.490 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.343 mW/g

CDMA-1700 450 Leather Case-Face DOWN-receiver Out/Zoom Scan (7x7x7)/Cube 1: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 7.87 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.501 W/kg
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.182 mW/g



0 dB = 0.339mW/g