Validation for HEAD

Date: 5/25/2010

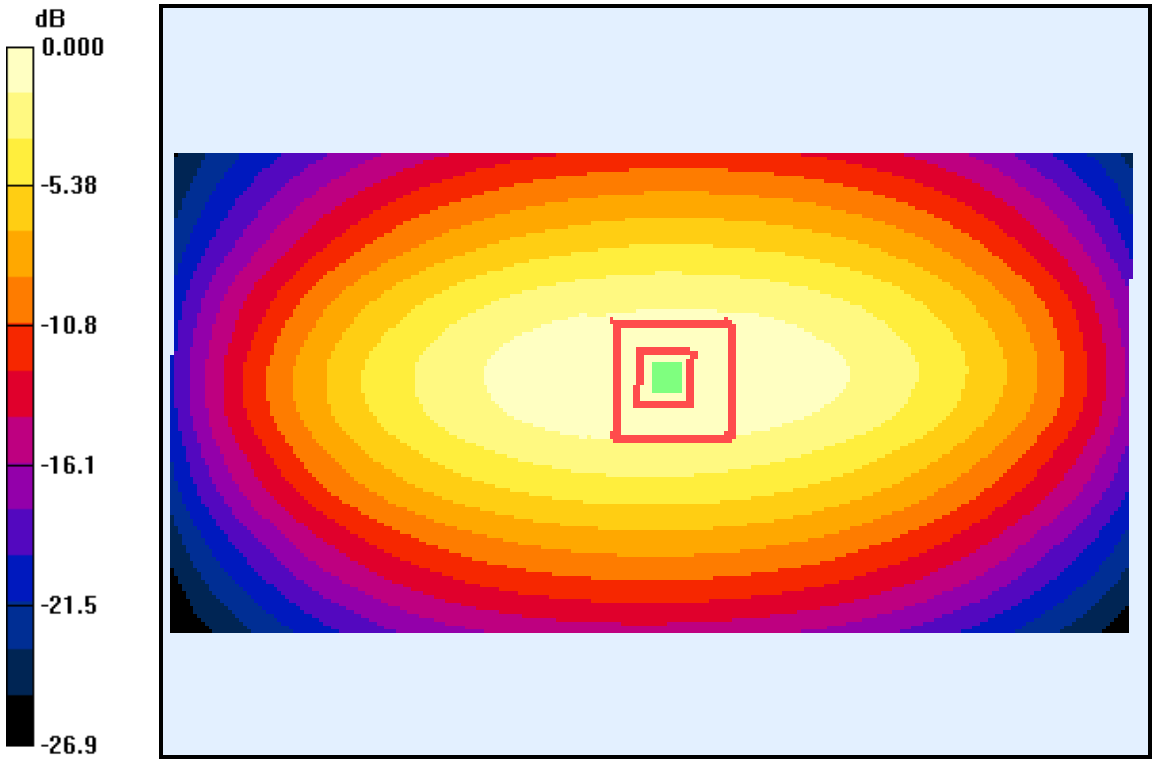
Test Laboratory: Comptest/Kyocera

835MHz Validation @ 20dbm, Probe #3035, DAE#530, Dipole #4d019

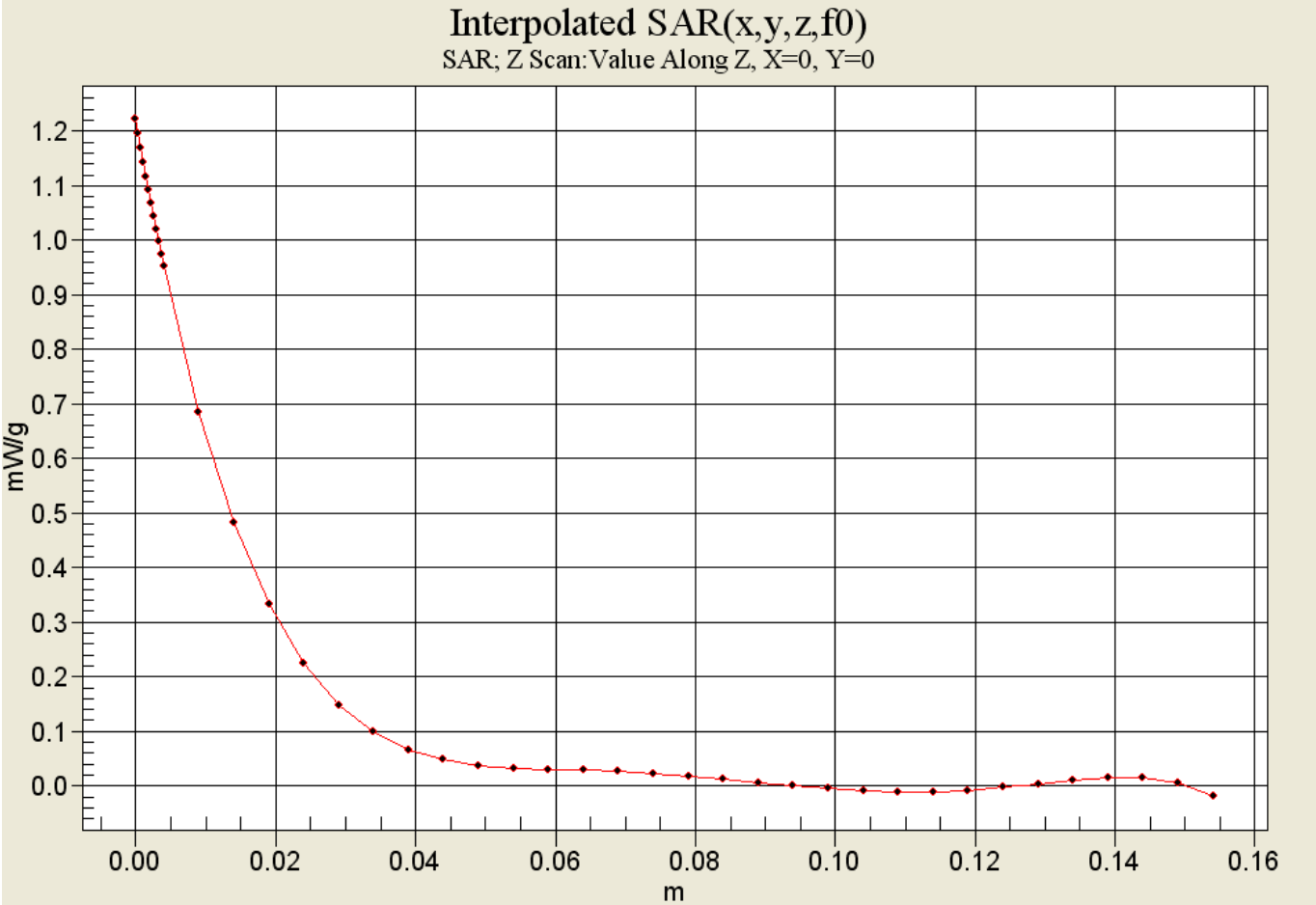
Communication System: CDMA, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz,Medium parameters used: f = 835 MHz; σ = 0.92 mho/m; ε_r = 43; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(6.12, 6.12, 6.12), Calibrated: 8/20/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn530,Calibrated: 4/23/2010
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

835MHz Validation/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g

835MHz Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.2 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g



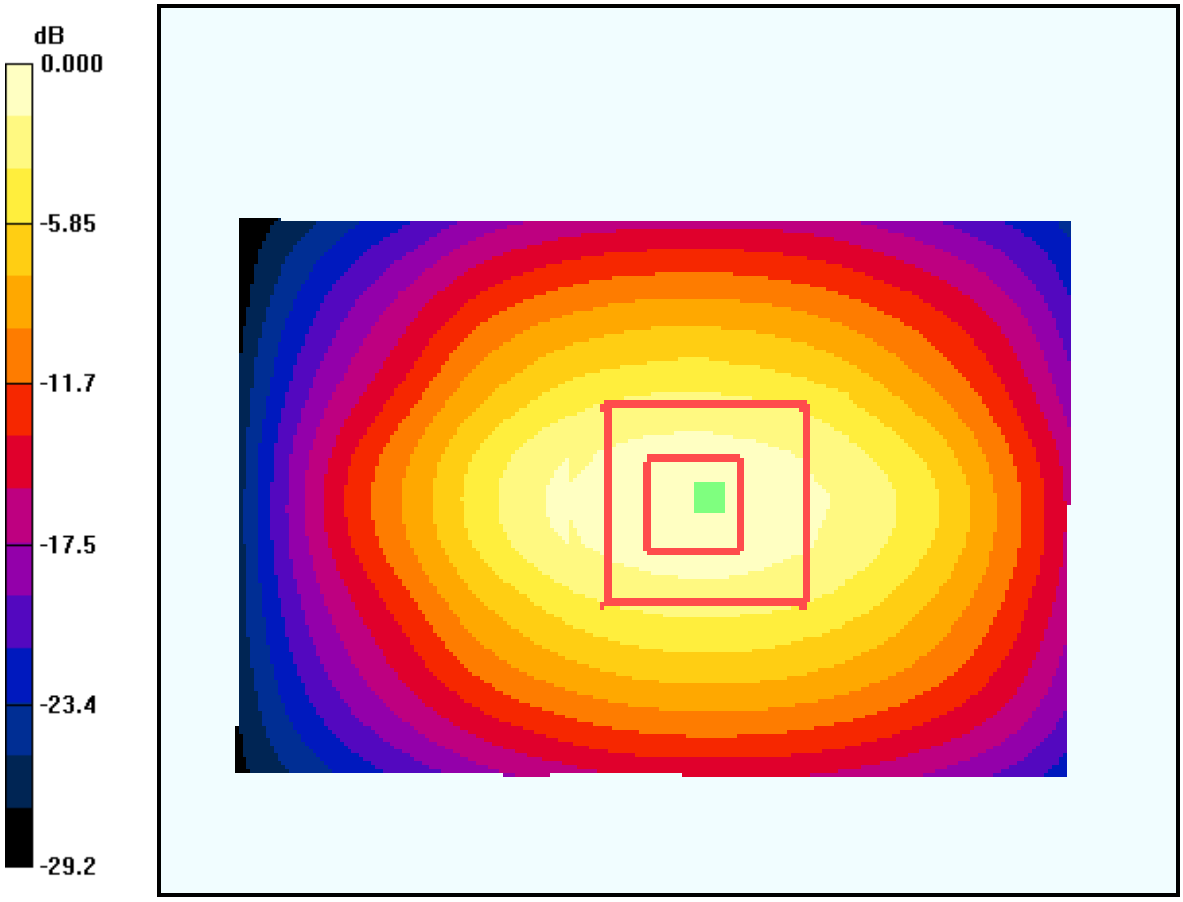
Test Laboratory: Comptest/Kyocera

1900Mhz Validation @ 20dBm Probe 1663, DAE 527 and Dipole 5d016, 052610

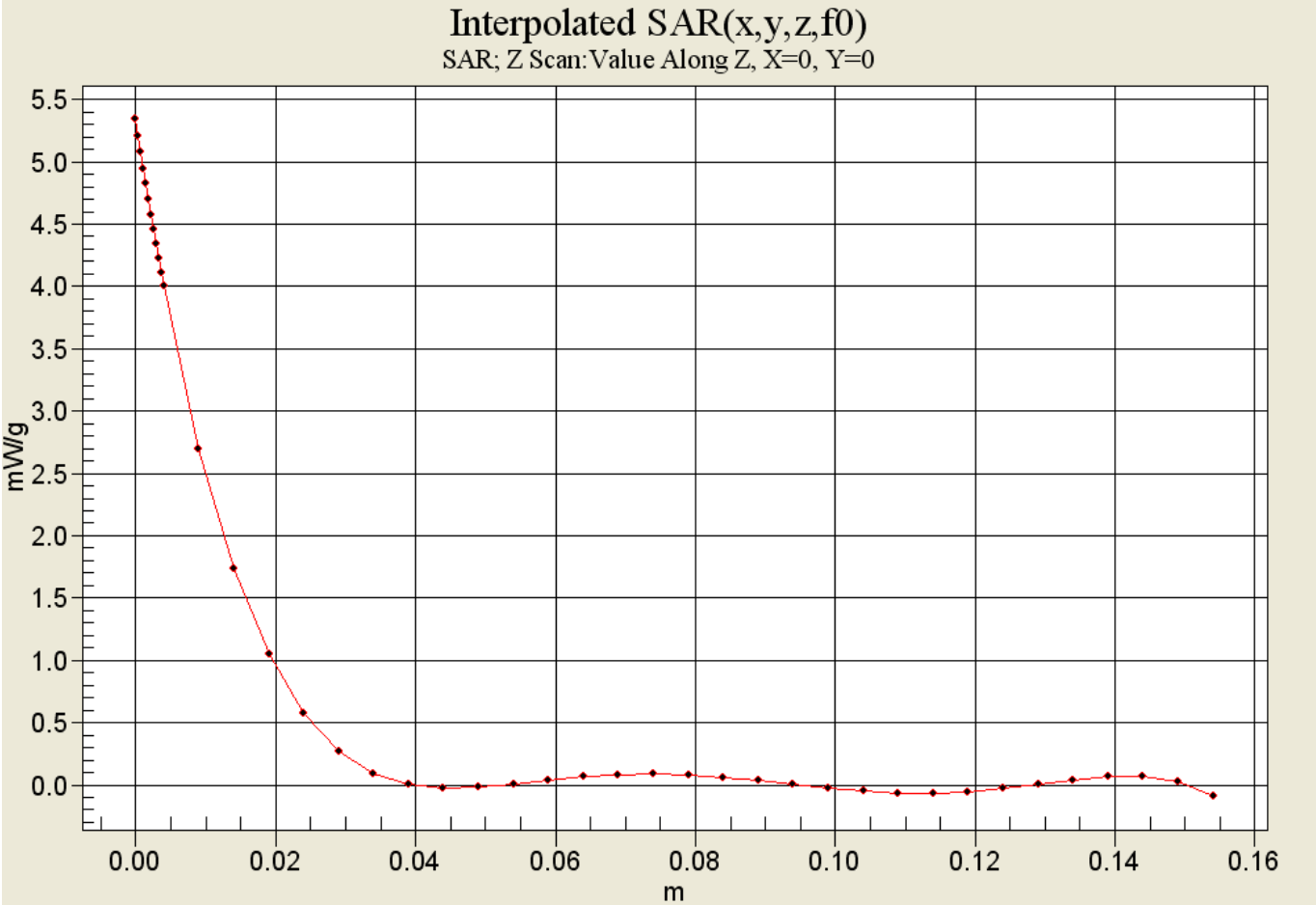
Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used (interpolated): f = 1900 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1663, ConvF(5.12, 5.12, 5.12), Calibrated: 9/10/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 7/9/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

1900MHz Validation @20dBm/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 4.68 mW/g

1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.2 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 6.61 W/kg
SAR(1 g) = 3.91 mW/g; SAR(10 g) = 2.09 mW/g
Maximum value of SAR (measured) = 4.41 mW/g



0 dB = 4.68mW/g



Validation for BODY

Date: 5/27/2010

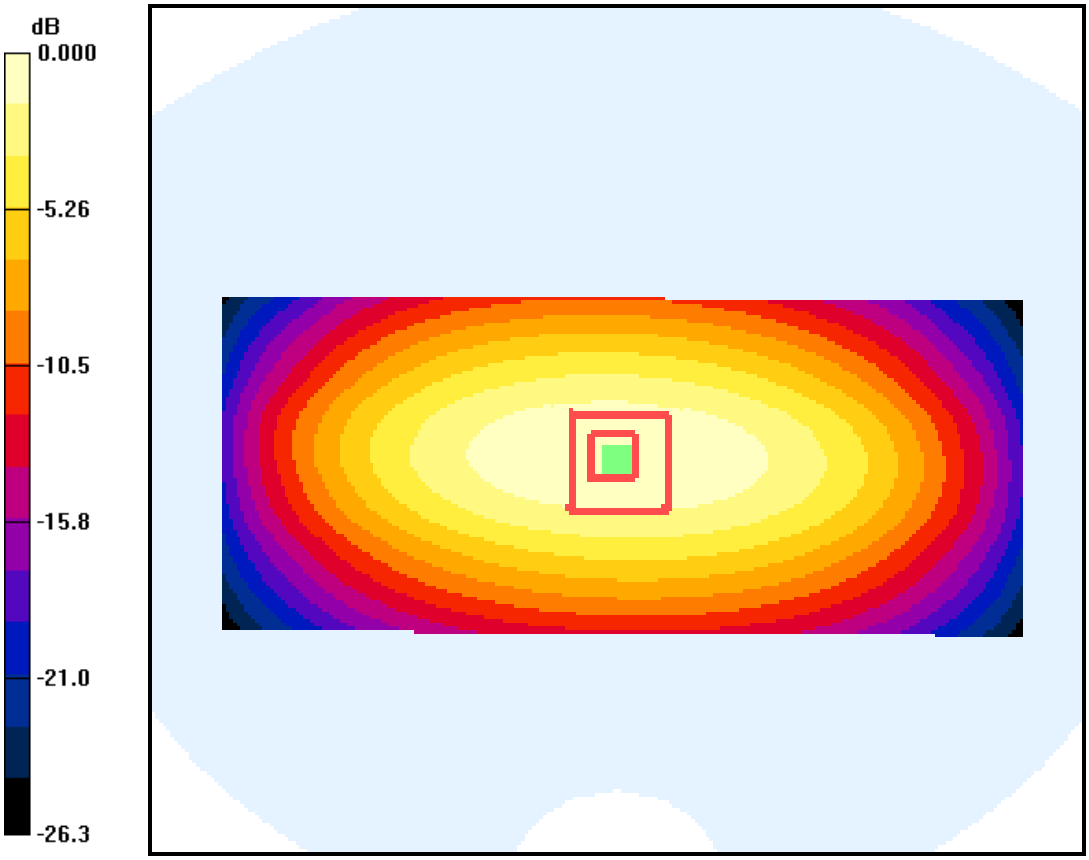
Test Laboratory: Comptest/Kyocera

SCP-6780 835MHz Validation (in Muscle), Probe #3035, DAE #527, Dipole #4d019

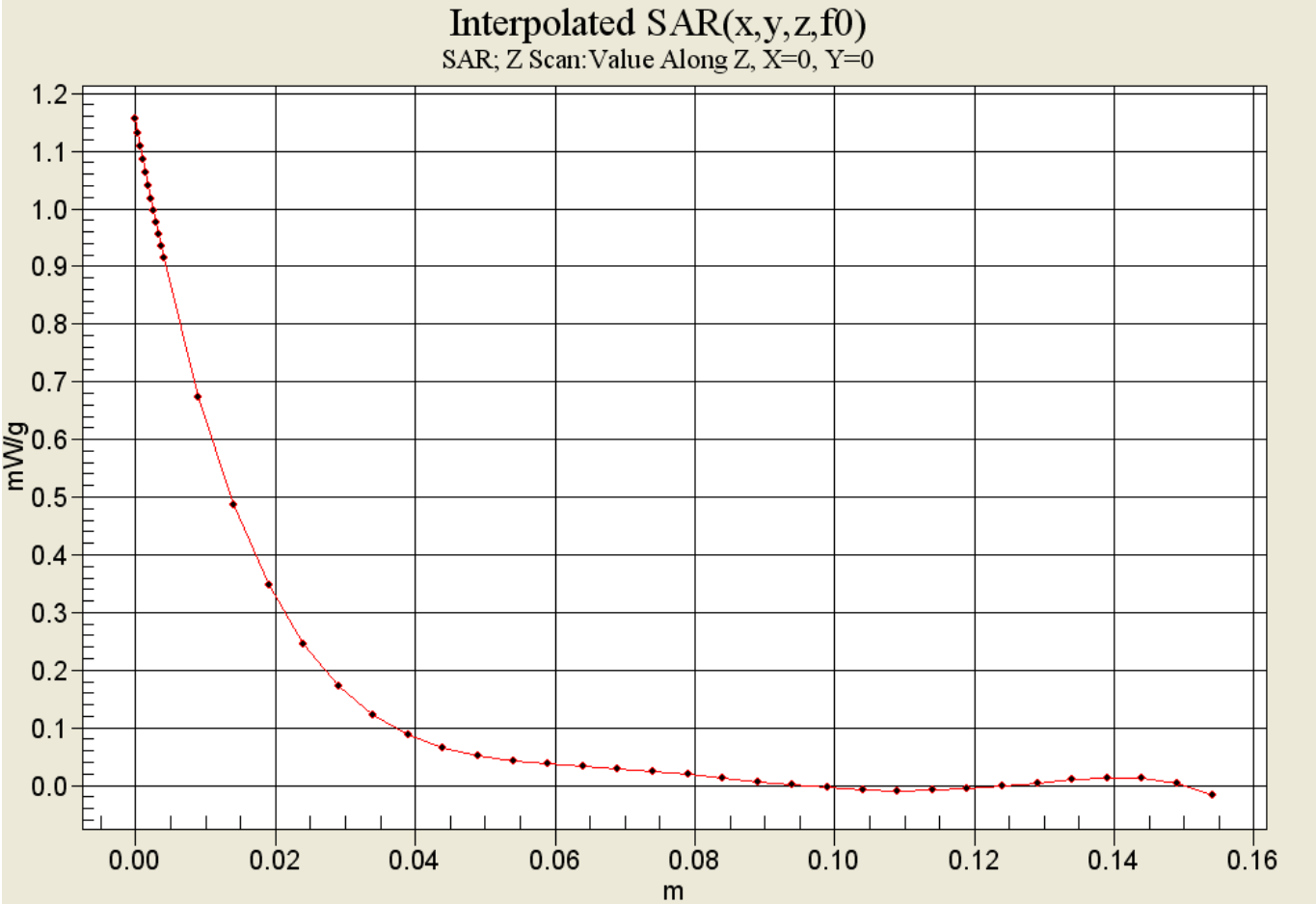
Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: M900,Medium parameters used: f = 835 MHz; σ = 0.95 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1663, ConvF(6.13, 6.13, 6.13), Calibrated: 9/10/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 7/9/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

835MHz/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.00 mW/g

835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.1 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.621 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.00mW/g



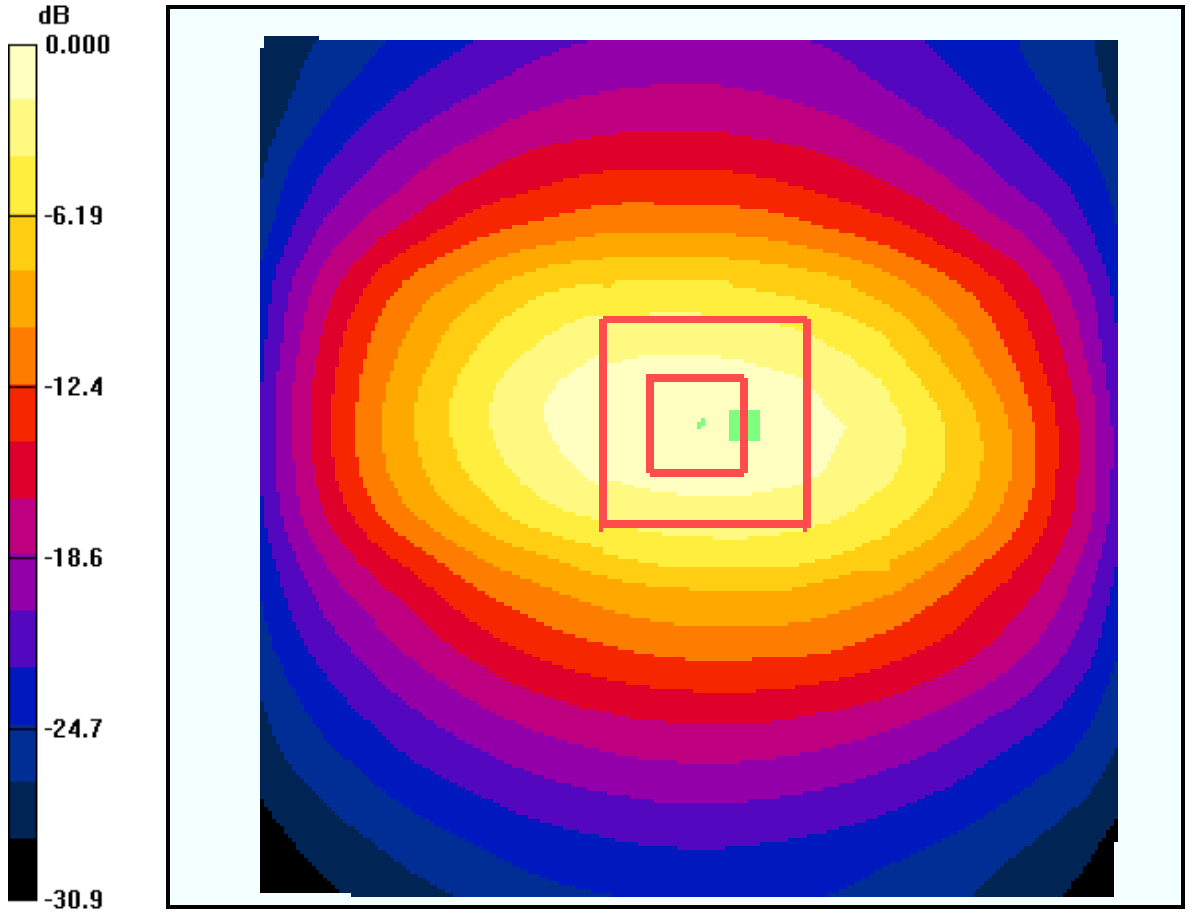
Test Laboratory: Comptest/Kyocera

SCP-6780 1900MHz Validation (in Muscle), Probe #3035, DAE #527, Dipole #5d016

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used (interpolated): f = 1900 MHz; σ = 1.53 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1663, ConvF(4.55, 4.55, 4.55), Calibrated: 9/10/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 7/9/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

1900MHz Validation @20dBm/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 4.62 mW/g

1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.2 V/m; Power Drift = 0.131 dB
Peak SAR (extrapolated) = 5.47 W/kg
SAR(1 g) = 3.76 mW/g; SAR(10 g) = 2.07 mW/g
Maximum value of SAR (measured) = 4.31 mW/g



0 dB = 4.62mW/g