Date: 1/12/2010

Test Laboratory: Kyocera Wireless Corporation
835MHz Validation @ 20dbm, Probe #3035, DAE#494, Dipole #4d019
Communication System: CDMA, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz,Medium parameters used (interpolated): f = 835 MHz; σ = 0.89 mho/m;
ε_r = 40.1; 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: DAE3 Sn494,Calibrated: 4/22/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
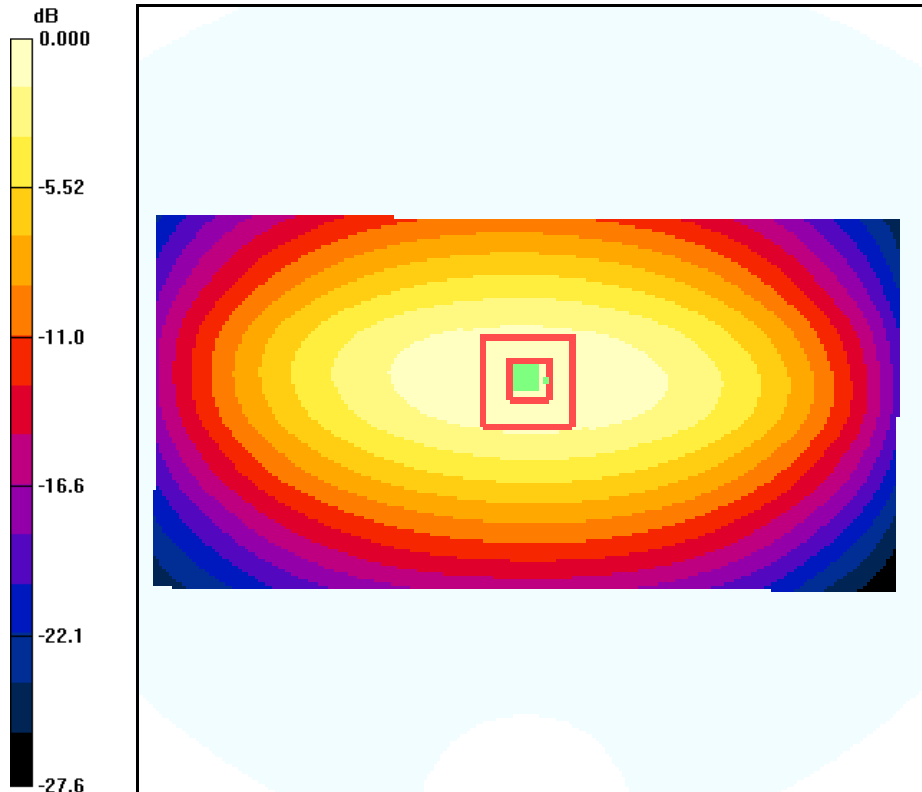**Temperature:**Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

835MHz Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.4 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.633 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05mW/g

Date: 1/11/2010

Test Laboratory: Kyocera Wireless Corporation
1800MHz Validation, Probe #1618, DAE #675, Dipole #220
Communication System: CW, Frequency: 1800 MHz, Duty Cycle: 1:1
Medium: H1800,Medium parameters used: f = 1800 MHz; σ = 1.44 mho/m; $ε_r$ = 39.4; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5.52, 5.52, 5.52), Calibrated: 7/15/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn675,Calibrated: 4/29/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
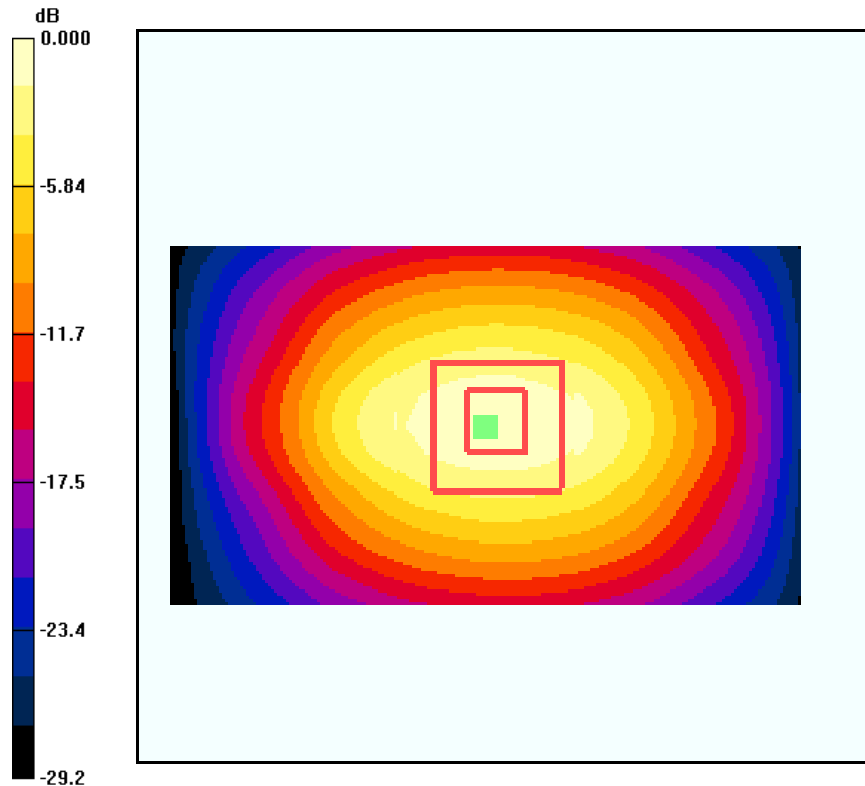**Temperature:**Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

1800Mhz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.1 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 6.02 W/kg
SAR(1 g) = 3.71 mW/g; SAR(10 g) = 2 mW/g
Maximum value of SAR (measured) = 4.20 mW/g

0 dB = 4.53mW/g

Date: 1/6/2010

Test Laboratory: Kyocera Wireless Corporation
1900Mhz Validation @ 20dBm Probe 3036, DAE 493 and Dipole 5d016
Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used (interpolated): f = 1900 MHz; σ = 1.43 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 8/12/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
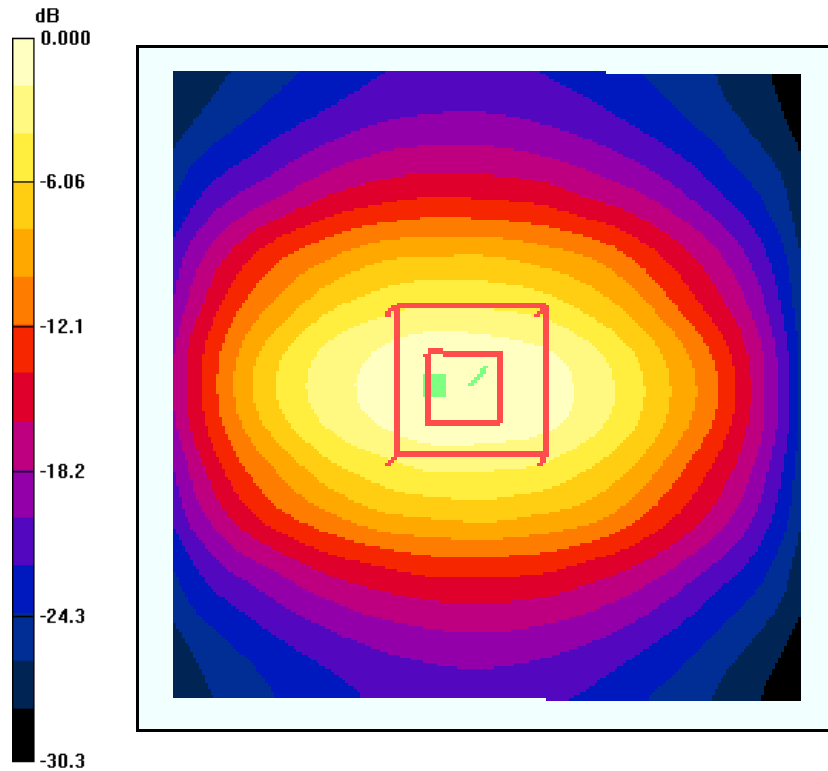**Temperature:**Room T = 21.8 $\bar{}$ 1 deg C, Liquid T = 22.0 $\bar{}$ 1 deg C

1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.2 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 7.68 W/kg
SAR(1 g) = 4.09 mW/g; SAR(10 g) = 2.1 mW/g
Maximum value of SAR (measured) = 4.59 mW/g

0 dB = 5.01mW/g

Date: 1/7/2010

Test Laboratory: Kyocera Wireless Corporation

1900Mhz Validation @ 20dBm Probe 3036, DAE 493 and Dipole 5d016, 01-07-10
Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used (interpolated): f = 1900 MHz; σ = 1.41 mho/m; $ε_r$ = 39.2; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(4.92, 4.92, 4.92), Calibrated: 8/20/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 8/12/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
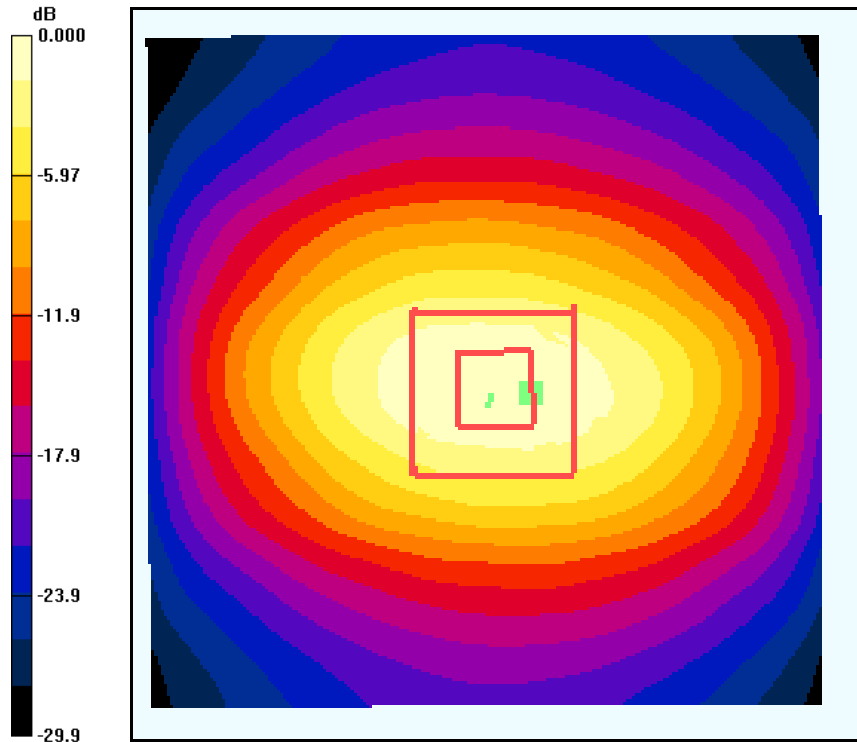**Temperature:**Room T = 21.8 ̄ 1 deg C, Liquid T = 22.0 ̄ 1 deg C

1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.7 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 7.38 W/kg
SAR(1 g) = 3.99 mW/g; SAR(10 g) = 2.07 mW/g
Maximum value of SAR (measured) = 4.46 mW/g

0 dB = 4.76mW/g

MUSCLE

Date: 1/15/2010

Test Laboratory: Kyocera Wireless Corporation

835MHz Validation (in Muscle), Probe #3036, DAE #675, Dipole #4d019
Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: M900,Medium parameters used: f = 835 MHz; σ = 0.96 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(5.8, 5.8, 5.8), Calibrated: 8/20/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn675,Calibrated: 4/29/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
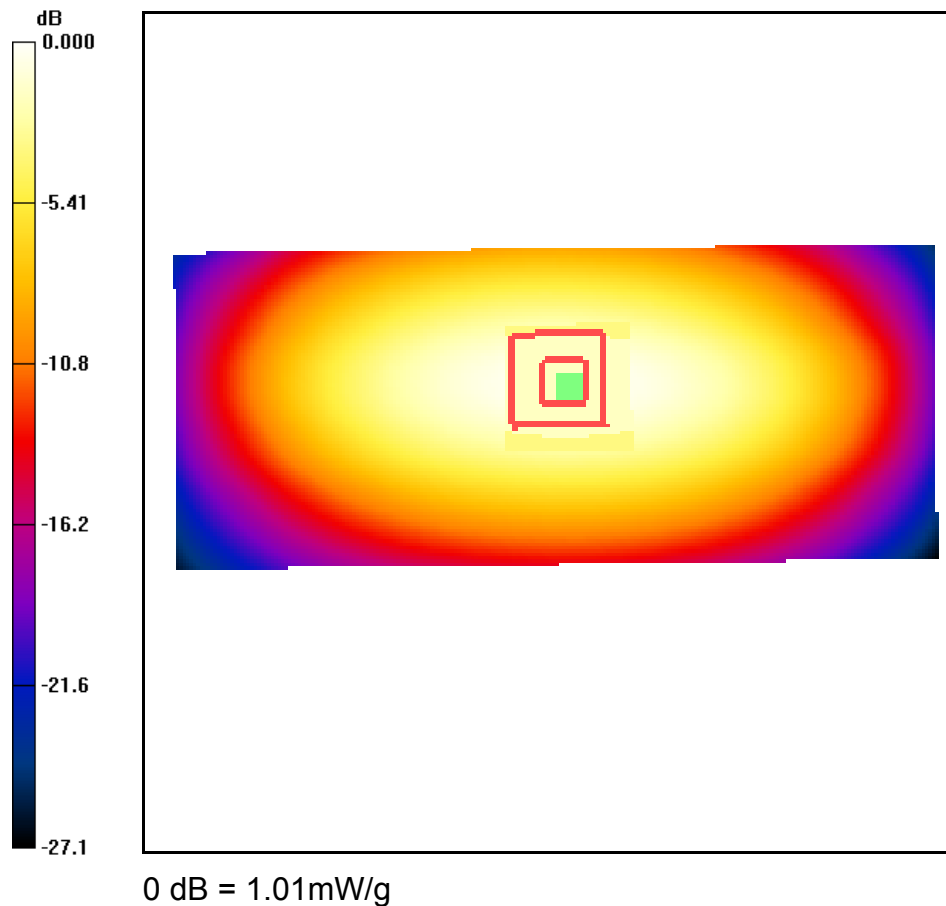**Temperature:**Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.5 V/m; Power Drift = 0.058 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.616 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

0 dB = 1.01mW/g

Date: 1/13/2010

Test Laboratory: Kyocera Wireless Corporation

1800MHz Validation (in Muscle), Probe #1618, DAE #675, Dipole #220
Communication System: CW, Frequency: 1800 MHz, Duty Cycle: 1:1
Medium: M1800,Medium parameters used: f = 1800 MHz; σ = 1.58 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(4.87, 4.87, 4.87), Calibrated: 7/15/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn675,Calibrated: 4/29/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
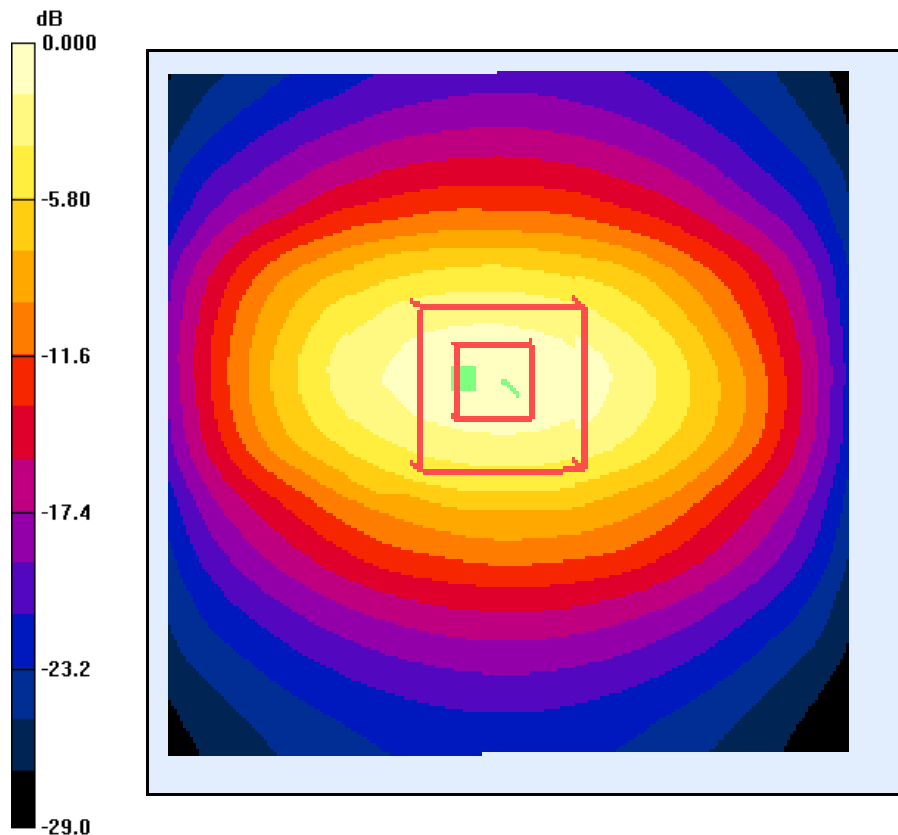**Temperature:**Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

1800Mhz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.5 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 5.28 W/kg
SAR(1 g) = 3.77 mW/g; SAR(10 g) = 2.1 mW/g
Maximum value of SAR (measured) = 4.35 mW/g

0 dB = 4.75mW/g

Date: 1/14/2010

Test Laboratory: Kyocera Wireless Corporation

1900MHz Validation (in Muscle), Probe #2036, DAE #675, Dipole #5d016
Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used (interpolated): f = 1900 MHz; σ = 1.51 mho/m; $ε_r$ =
52.6; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(4.5, 4.5, 4.5), Calibrated: 8/20/2009
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn675,Calibrated: 4/29/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
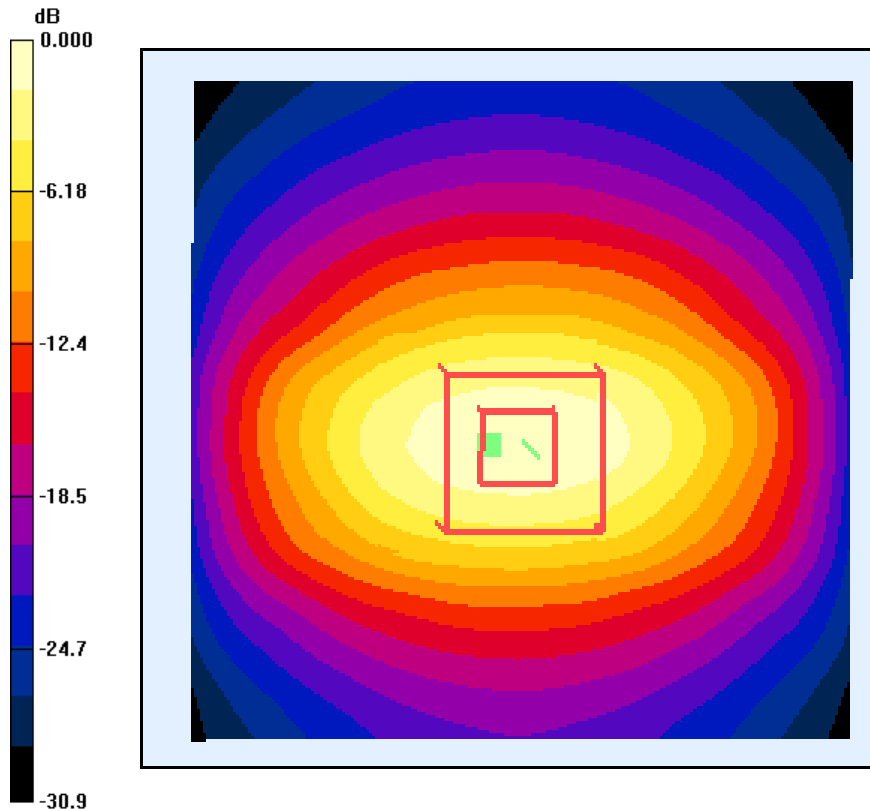**Temperature:**Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 53.7 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 6.86 W/kg
SAR(1 g) = 4.03 mW/g; SAR(10 g) = 2.14 mW/g
Maximum value of SAR (measured) = 4.60 mW/g

0 dB = 4.89mW/g