

Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000_C2PC-9A-0310-R0

EXHIBIT 9 APPENDIX A: SAR VALIDATION PLOTS

Validation for HEAD

Test Laboratory: Comptest/KWC

Date: 3/3/2010

835MHz Validation @ 20dbm, Probe #3035, DAE#494, Dipole #4d019_030310

Communication System: CDMA, Frequency: 835 MHz, Duty Cycle: 1:1
 Medium: Head 835 MHz, Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$
 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/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

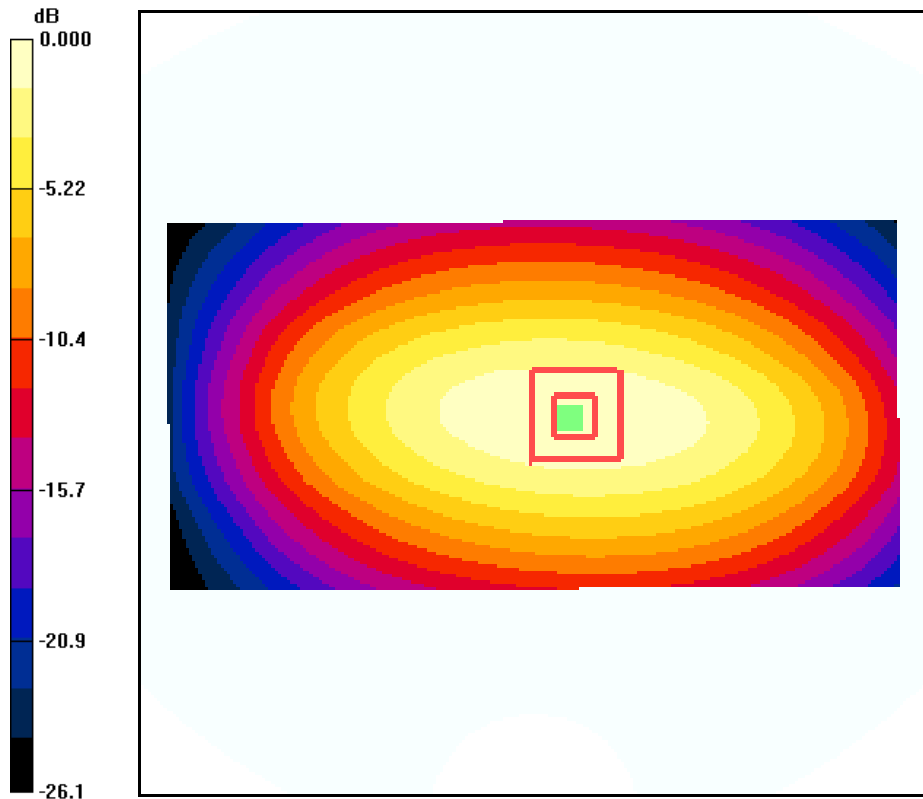
835MHz Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.6 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

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Report #:	CT-M6000_C2PC-9A-0310-R0

Date: 3/2/2010

Test Laboratory: Comptest/KWC

M6000 1800MHz Validation, Probe #1618, DAE #603, Dipole #220_030210

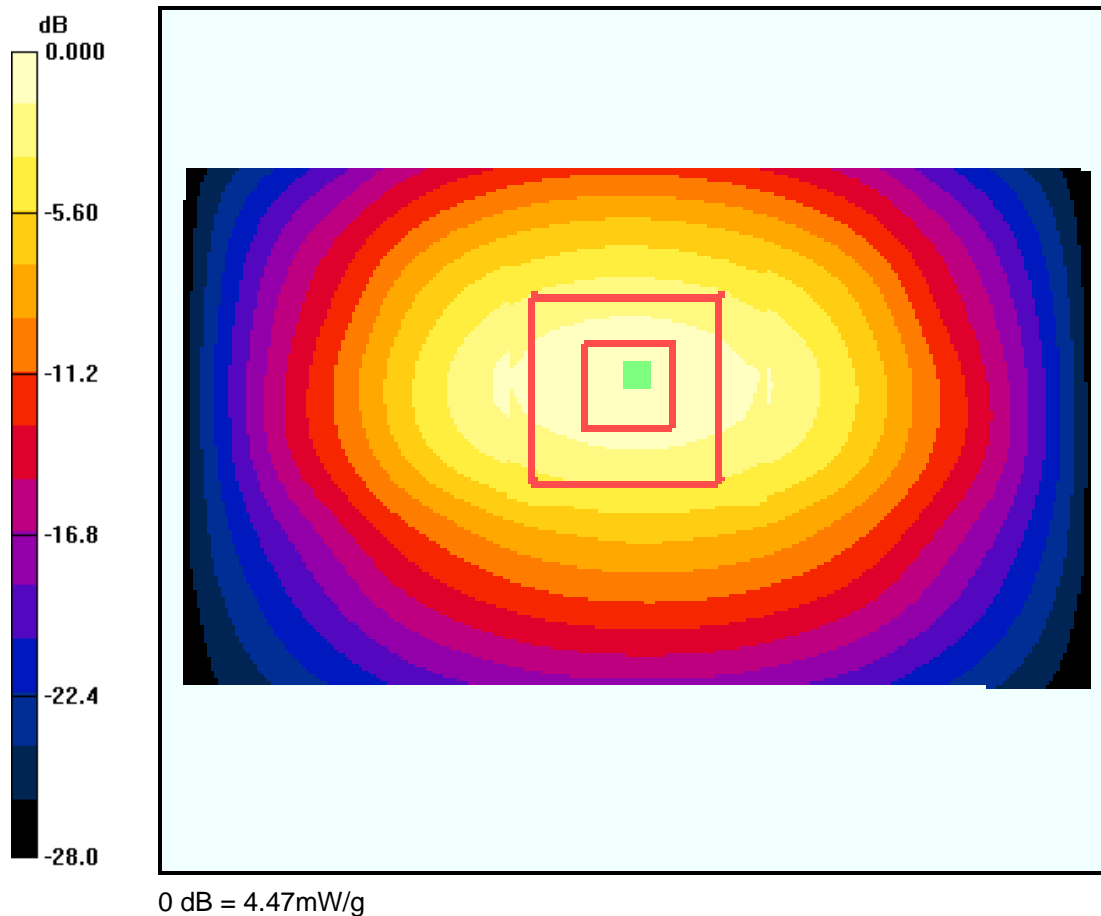
Communication System: CW 1800Mhz, Frequency: 1800 MHz, Duty Cycle: 1:1
 Medium: H1800, Medium parameters used: $f = 1800$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.52, 5.52, 5.52), Calibrated: 7/15/2009
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn603, Calibrated: 9/15/2009
 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/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 4.47 mW/g

1800Mhz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 57.9 V/m; Power Drift = -0.029 dB
 Peak SAR (extrapolated) = 6.08 W/kg
SAR(1 g) = 3.67 mW/g; SAR(10 g) = 1.96 mW/g
 Maximum value of SAR (measured) = 4.19 mW/g



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Report #:	CT-M6000_C2PC-9A-0310-R0

Date: 2/26/2010

Test Laboratory: Comptest/KWC

1900Mhz Validation @ 20dBm Probe 3036, DAE 527 and Dipole 5d016, 022610

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
 Medium: HSL1900, Medium parameters used (interpolated): $f = 1900$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³
 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: 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) = 4.62 mW/g

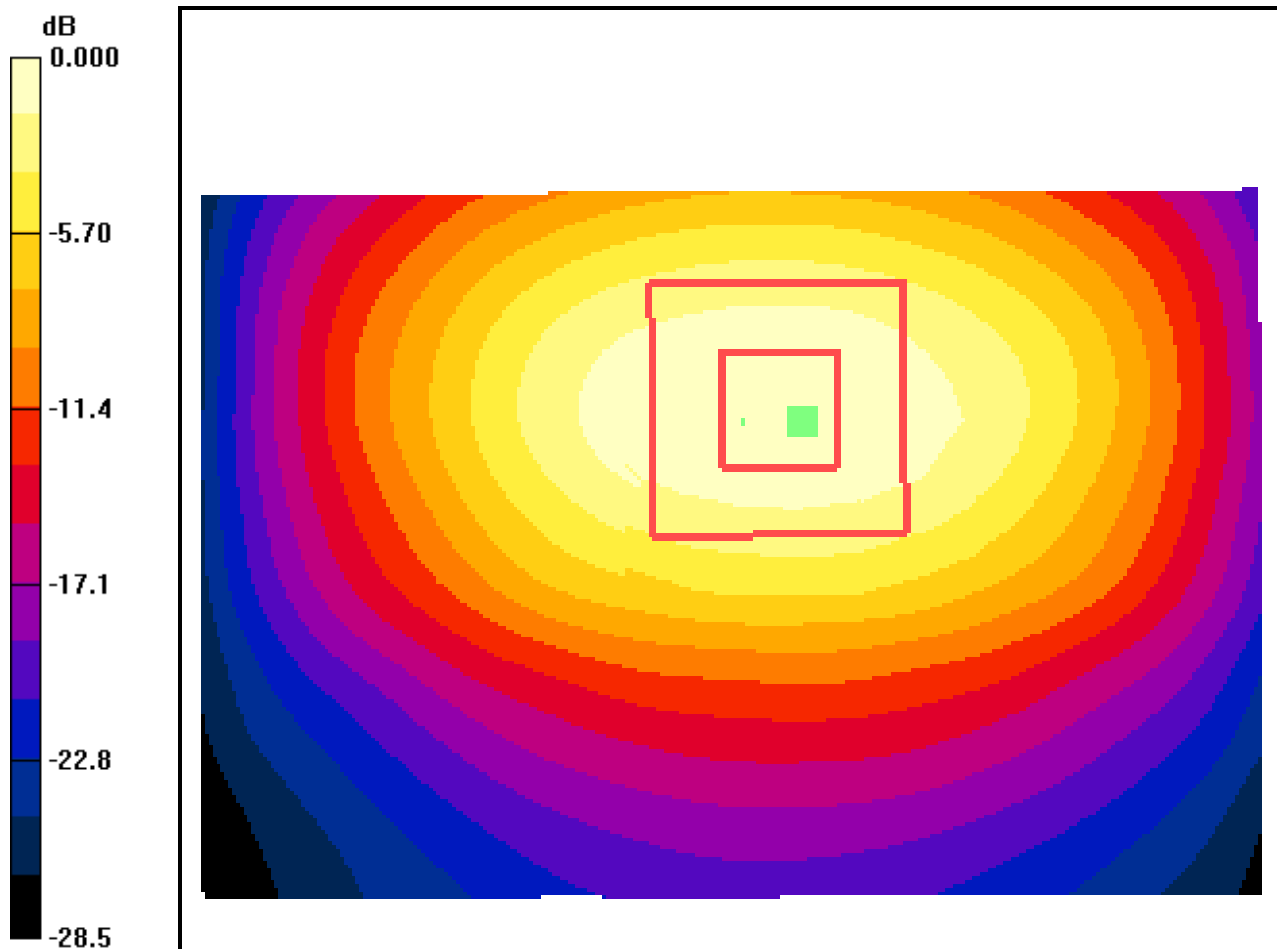
1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 39.3 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 7.33 W/kg

SAR(1 g) = 3.92 mW/g; SAR(10 g) = 2.03 mW/g

Maximum value of SAR (measured) = 4.38 mW/g



0 dB = 4.38mW/g

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FCC ID:	V65M6000
Report #:	CT-M6000_C2PC-9A-0310-R0

Date: 3/1/2010

Test Laboratory: Comptest/KWC

1900Mhz Validation @ 20dBm Probe 3036, DAE 527 and Dipole 5d016, 030110

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
 Medium: HSL1900, Medium parameters used (interpolated): $f = 1900$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³
 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: 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) = 4.80 mW/g

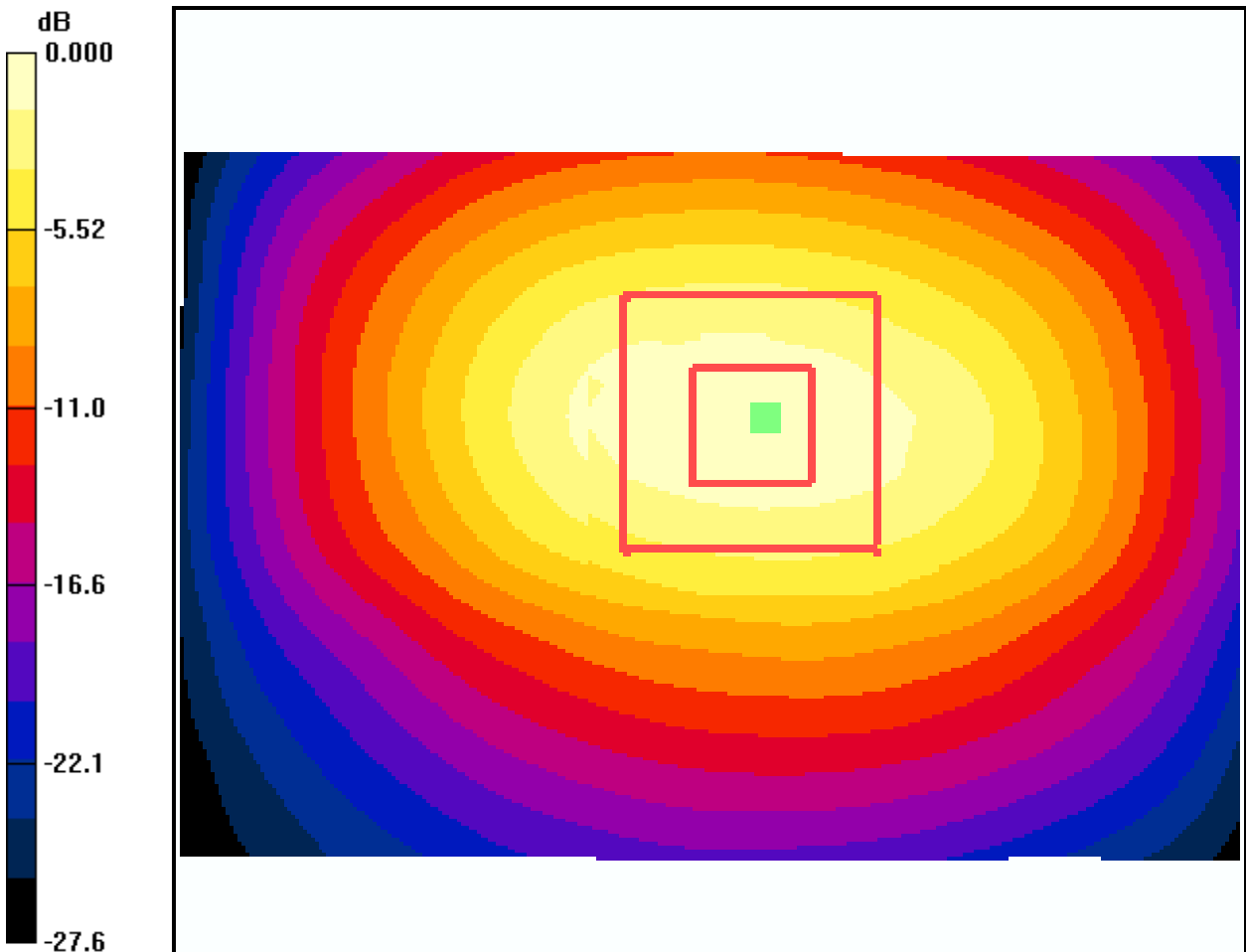
1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.1 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 7.26 W/kg

SAR(1 g) = 3.94 mW/g; SAR(10 g) = 2.05 mW/g

Maximum value of SAR (measured) = 4.43 mW/g



0 dB = 4.80mW/g

Applicant:	Kyocera
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Report #:	CT-M6000_C2PC-9A-0310-R0

Validation for BODY

Date: 3/4/2010

Test Laboratory: Comptest/KWC

M6000 835MHz Validation (in Muscle), Probe #1618, DAE #603, Dipole #4d019_030410

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used: $f = 835$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(6.33, 6.33, 6.33), Calibrated: 7/15/2009

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

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

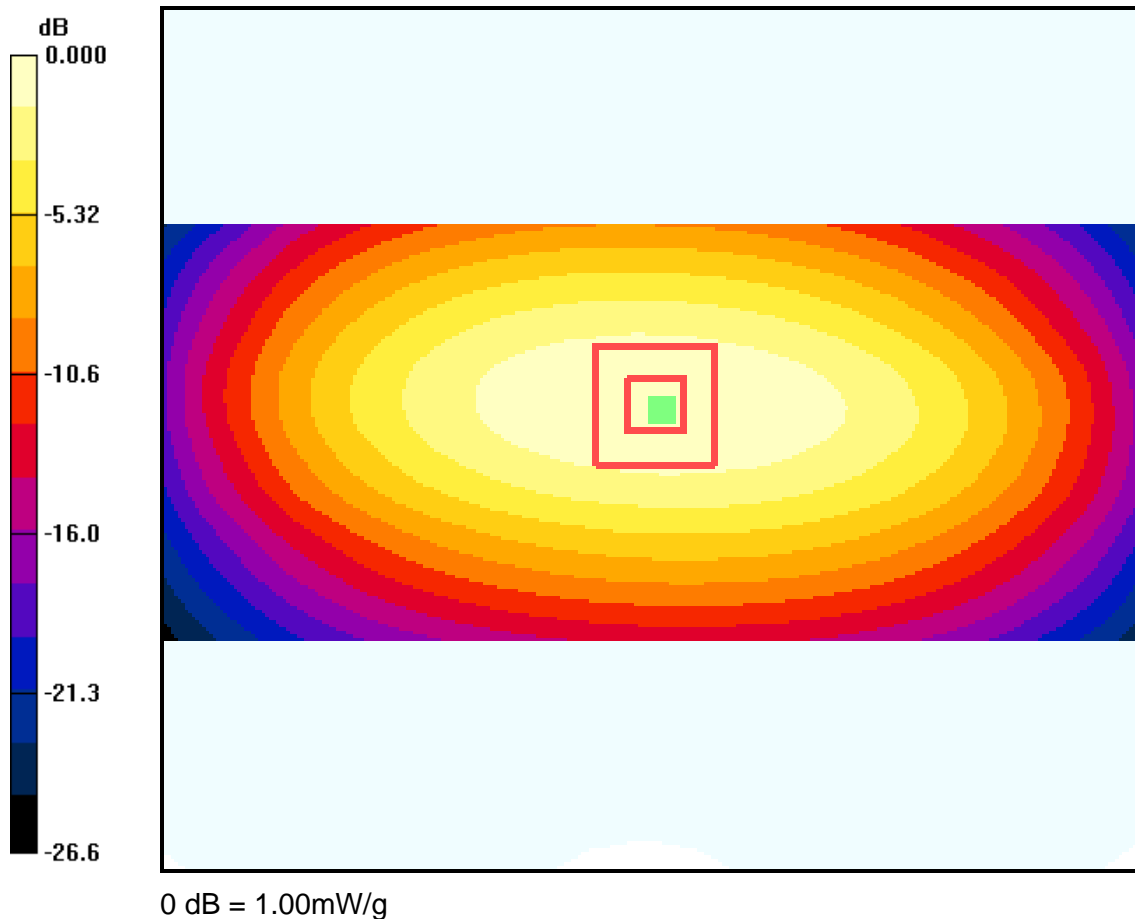
835MHz/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.4 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



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Date: 3/8/2010

Test Laboratory: Comptest/KWC

M6000 1800MHz Validation (in Muscle), Probe #1618, DAE #603, Dipole #220, _030810

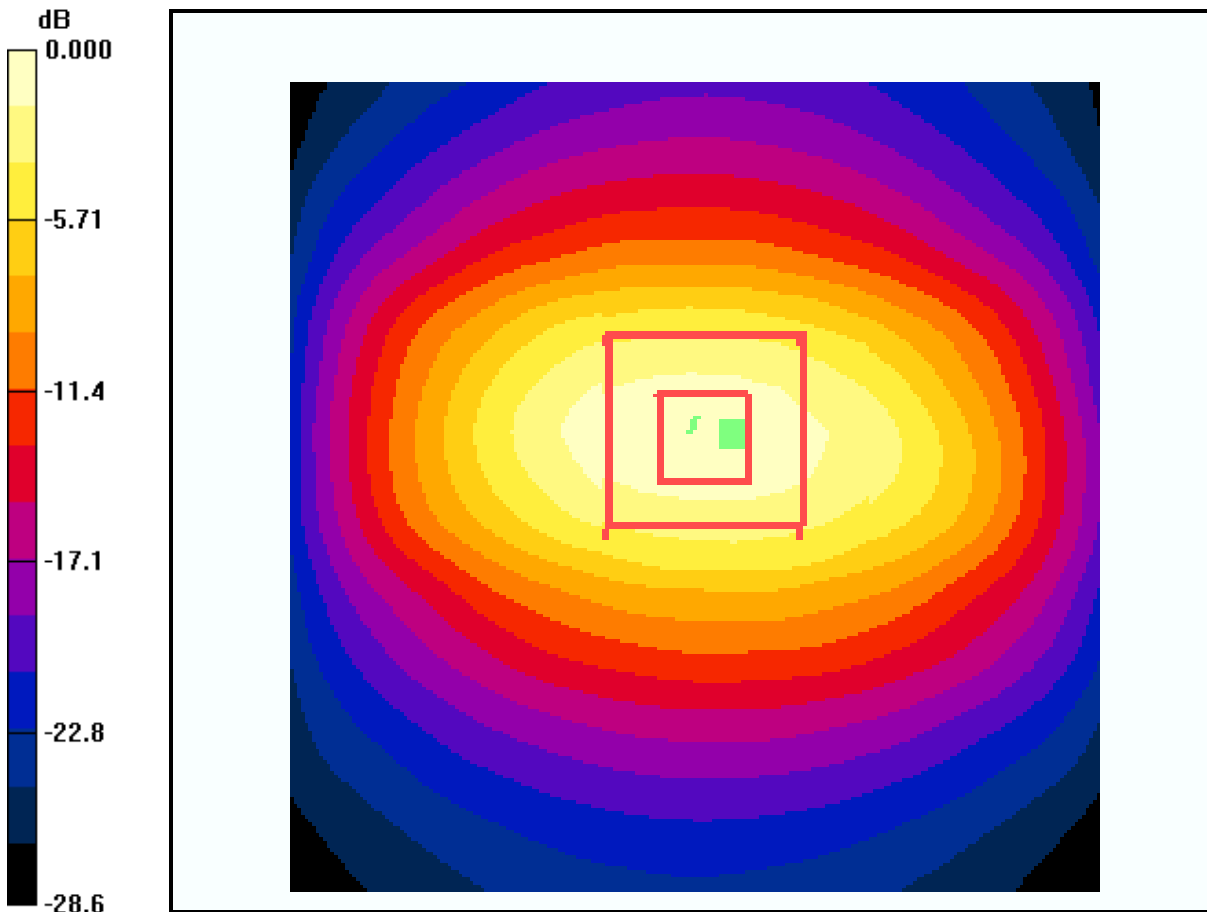
Communication System: CW 1800Mhz, Frequency: 1800 MHz, Duty Cycle: 1:1
 Medium: M1800, Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
 Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.87, 4.87, 4.87), Calibrated: 7/15/2009
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn603, Calibrated: 9/15/2009
 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/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 4.97 mW/g

1800Mhz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 56.0 V/m; Power Drift = 0.087 dB
 Peak SAR (extrapolated) = 5.51 W/kg
SAR(1 g) = 3.93 mW/g; SAR(10 g) = 2.18 mW/g
 Maximum value of SAR (measured) = 4.53 mW/g



0 dB = 4.97mW/g

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Date: 3/4/2010

Test Laboratory: Comptest/KWC

M6000 1900MHz Validation (in Muscle), Probe #3036, DAE #527, Dipole #5d016_030410

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1

Medium: M1900, Medium parameters used (interpolated): $f = 1900$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

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 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) = 4.94 mW/g

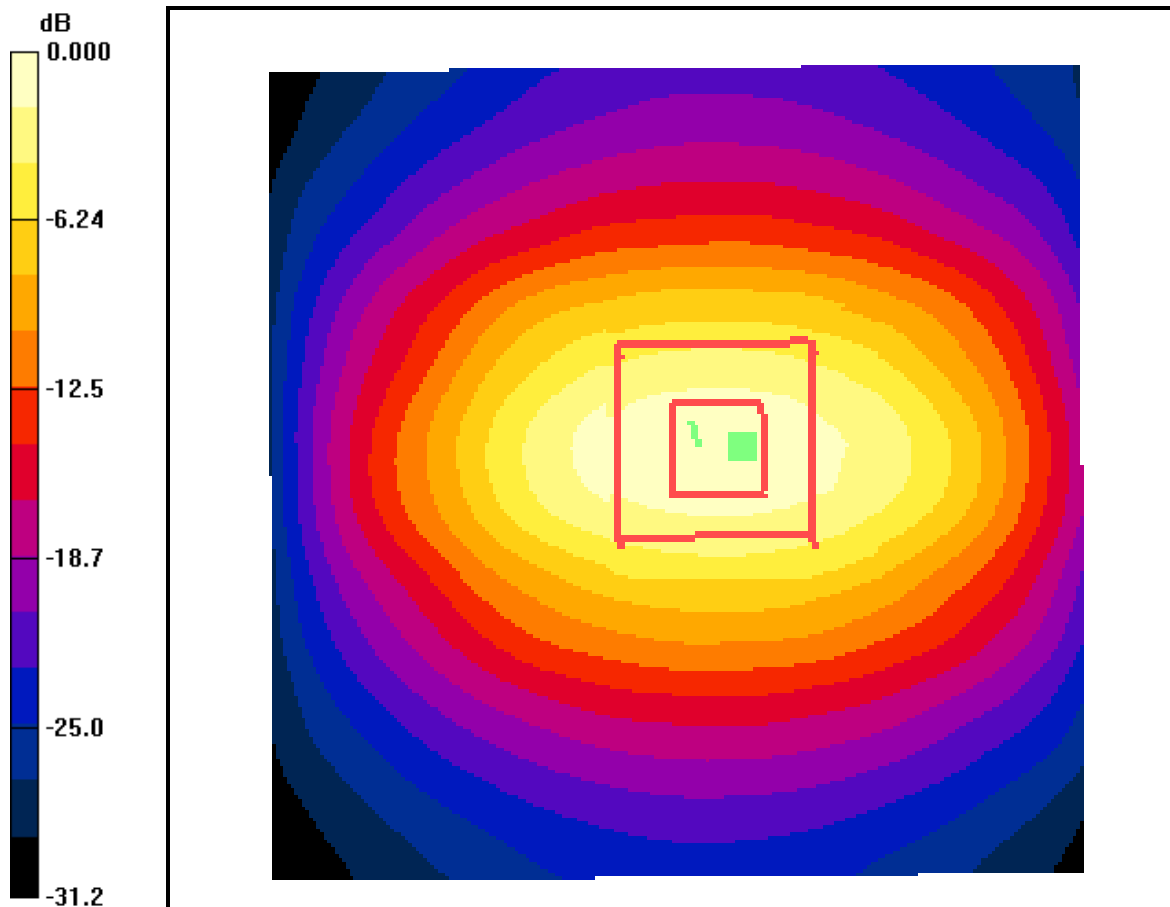
1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.0 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 6.81 W/kg

SAR(1 g) = 3.97 mW/g; SAR(10 g) = 2.1 mW/g

Maximum value of SAR (measured) = 4.49 mW/g



0 dB = 4.94mW/g

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Date: 3/18/2010

Test Laboratory: Comptest/KWC

2450Mhz Validation @ 20dBm Probe 3078, DAE 603 and Dipole 776, 031810

Communication System: CW, Frequency: 2450 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.13, 4.13, 4.13), Calibrated: 6/22/2009

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/15/2009

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

2450MHz Validation @20dBm/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 6.43 mW/g

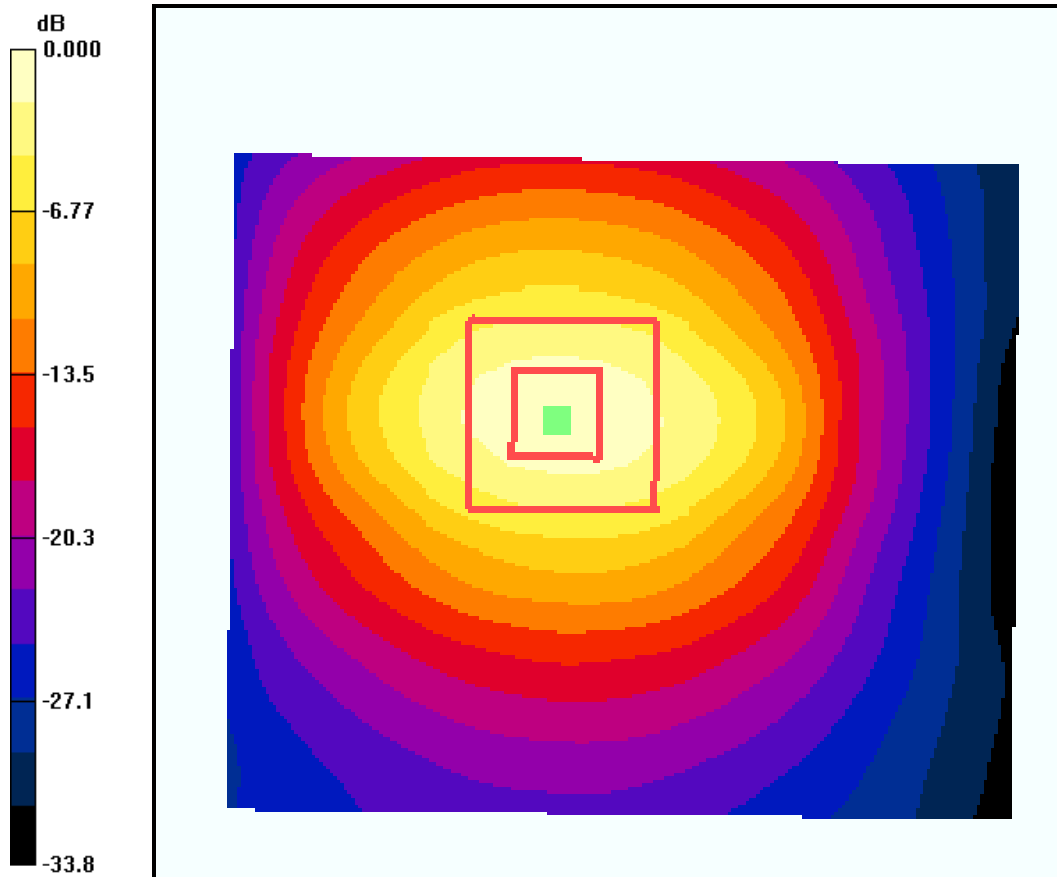
2450MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.9 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 4.96 mW/g; SAR(10 g) = 2.28 mW/g

Maximum value of SAR (measured) = 5.65 mW/g



0 dB = 6.43mW/g