



Applicant:	Kyocera
FCC ID:	V65SA001
Report #:	CT-SA001-9A-0809-R0

EXHIBIT 9 APPENDIX A: SAR VALIDATION PLOTS

Date: 7/24/2009

Test Laboratory: Comptest/Kyocera

835MHz Validation @ 20dbm, Probe #3036, DAE#602, Dipole #467, 07-24-09

DUT: Dipole 835 MHz

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

Medium: Head 835 MHz, Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.902 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008

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

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = $21.8 \pm 1 \text{ deg C}$, Liquid T = $22.0 \pm 1 \text{ deg C}$

835MHz Validation/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.03 mW/g

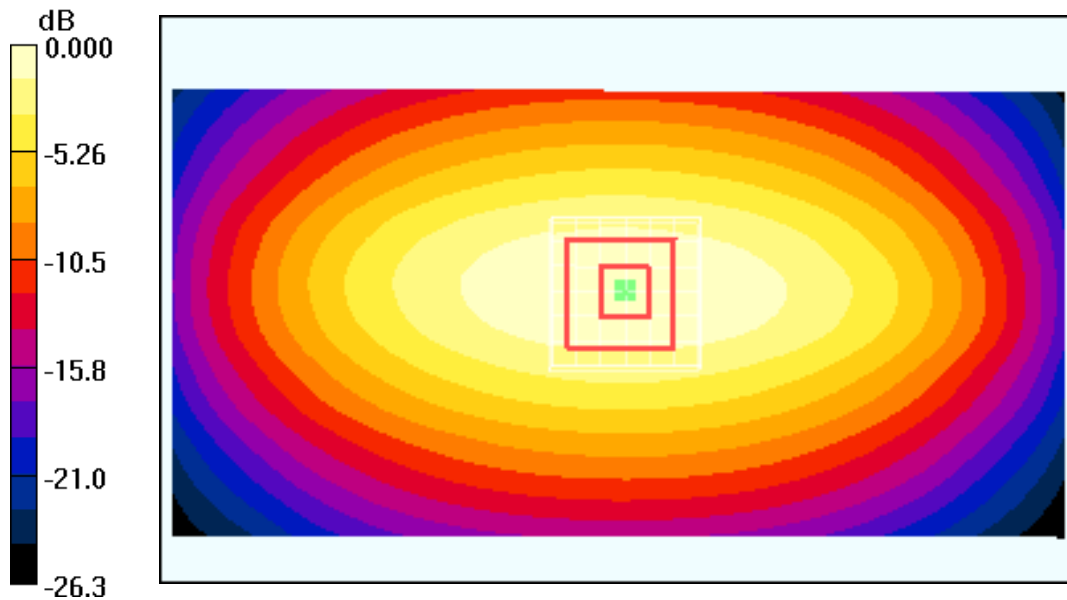
835MHz Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.4 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.03mW/g



Applicant:	Kyocera
FCC ID:	V65SA001
Report #:	CT-SA001-9A-0809-R0

Date: 7/28/2009

Test Laboratory: Comptest/Kyocera

835MHz Validation (In Muscle) Probe 1663 DAE 675 Dipole #467, 072809

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

Medium: M800, Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1663, ConvF(6.25, 6.25, 6.25), Calibrated: 9/22/2008

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

Electronics: DAE4 Sn675, Calibrated: 4/29/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = $21.8 \pm 1 \text{ deg C}$, Liquid T = $22.0 \pm 1 \text{ deg C}$

835MHz/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

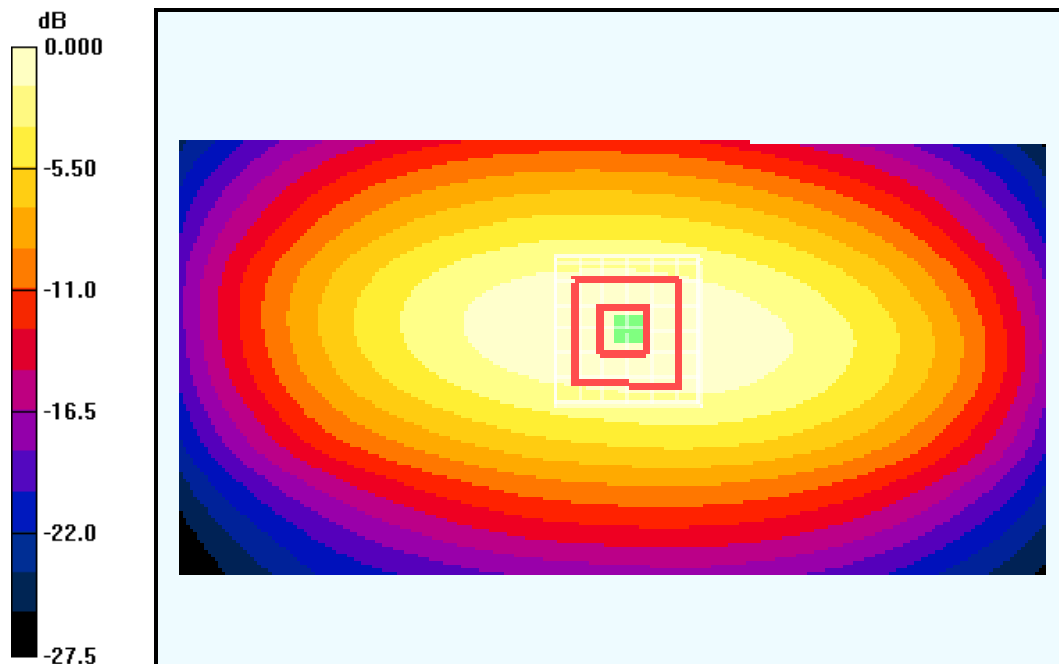
835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.7 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.627 mW/g

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



0 dB = 1.01mW/g