



Applicant:	Kyocera
FCC ID:	V65K009
Report #:	CT-K009-9A-0211-R0

EXHIBIT 9 APPENDIX A: SAR VALIDATION PLOTS

Validation for HEAD

Applicant:	Kyocera
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Test Laboratory: Comptest/Kyocera

Date: 02/23/2011

835MHz Validation @ 20dbm, Probe #1618, DAE#530, Dipole #4d019

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

Medium: Head 835 MHz, Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(6.52, 6.52, 6.52), Calibrated: 8/11/2010

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

835MHz Validation/Area Scan (61x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

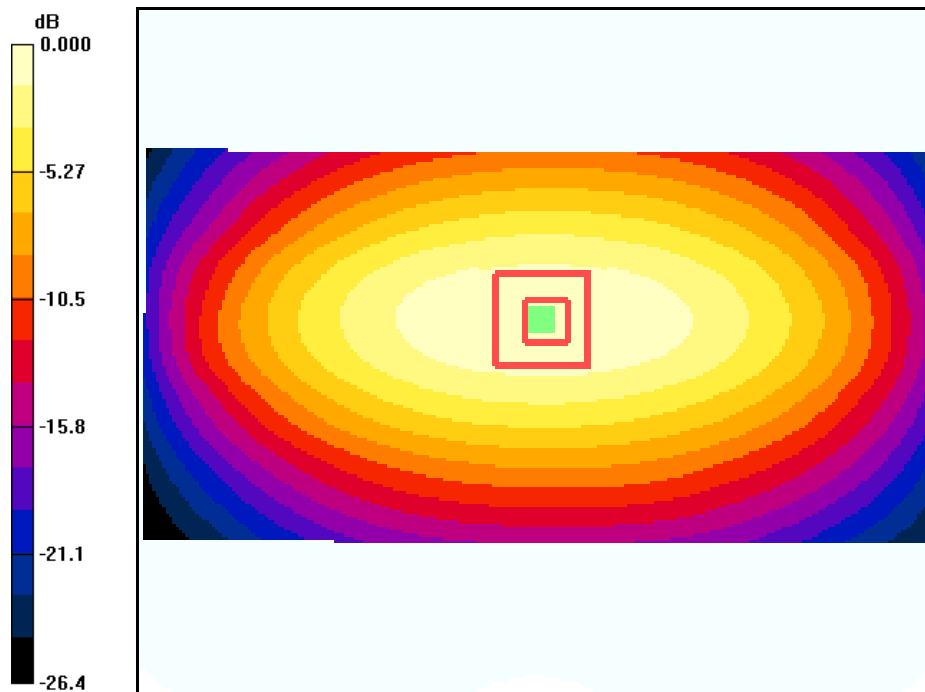
835MHz Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.3 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.613 mW/g

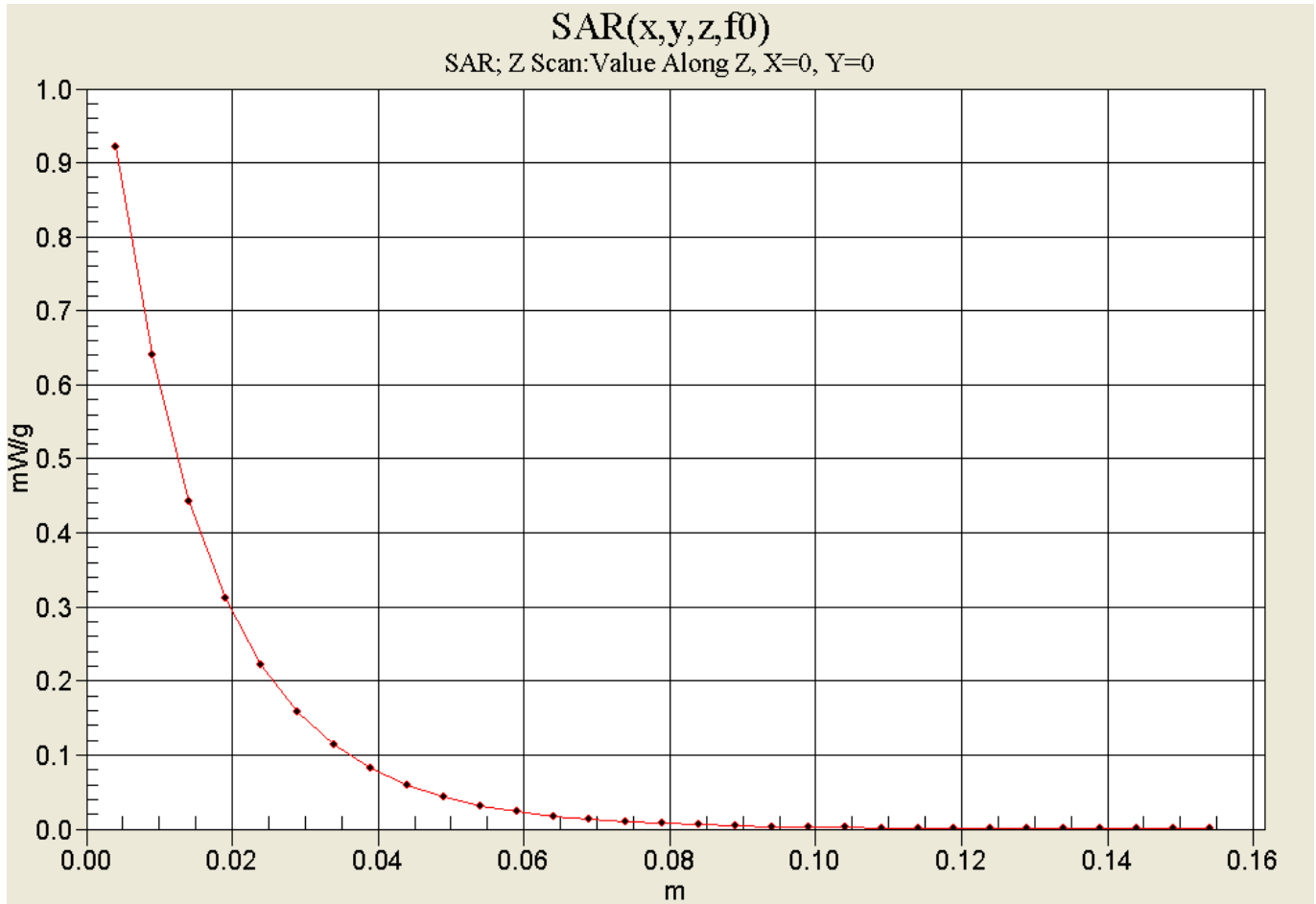
Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g



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Validation for BODY

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Report #:	CT-K009-9A-0211-R0

Test Laboratory: Comptest/Kyocera

Date: 02/28/2011

835MHz Validation (in Muscle), Probe #3078, DAE #602, Dipole #4d019

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

Medium: M900, Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

835MHz/Area Scan (51x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.04 mW/g

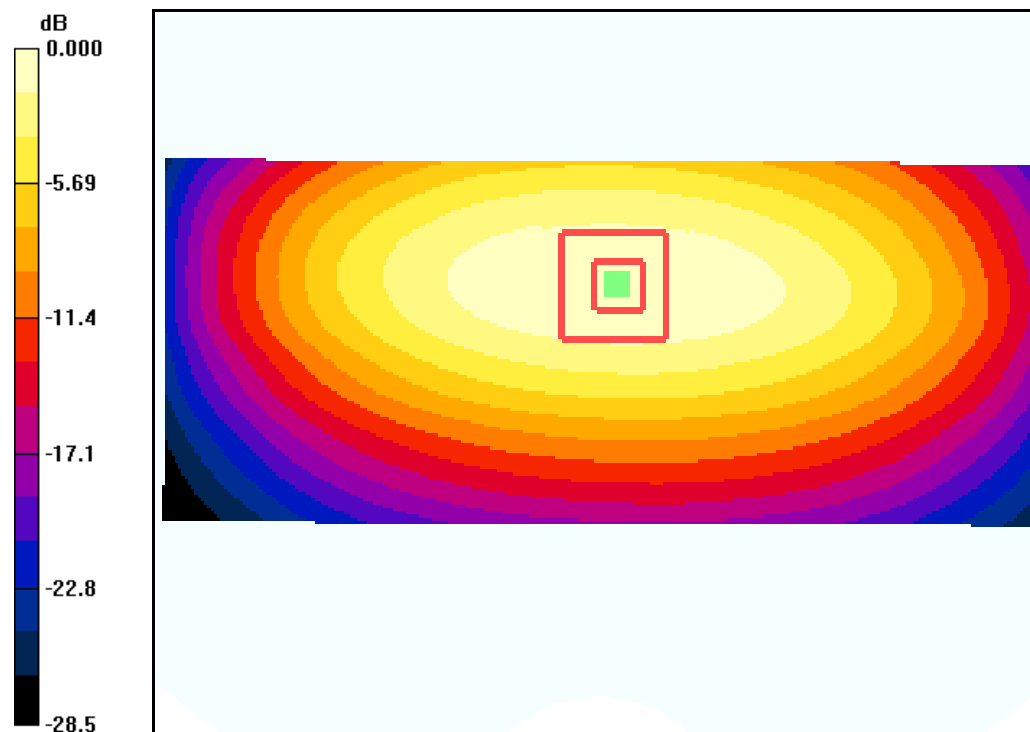
835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.8 V/m; Power Drift = 0.262 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.638 mW/g

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



0 dB = 1.05mW/g



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