



Applicant:	Kyocera
FCC ID:	OVF-K5301
Report #:	CT- K5301-C2PC 9B2-0711-R0

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

PCS

Test Laboratory: Comptest/Kyocera

Date: 07/25/2011

FCC K5301 PCS Flat with 15mm Air Space, Face Down Ch. 600

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Muscle 1900MHz, Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(4.5, 4.5, 4.5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

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 = $22.0 \pm 1 \text{ deg C}$

CDMA-1900 FLAT Ch600 Face down/Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.564 mW/g

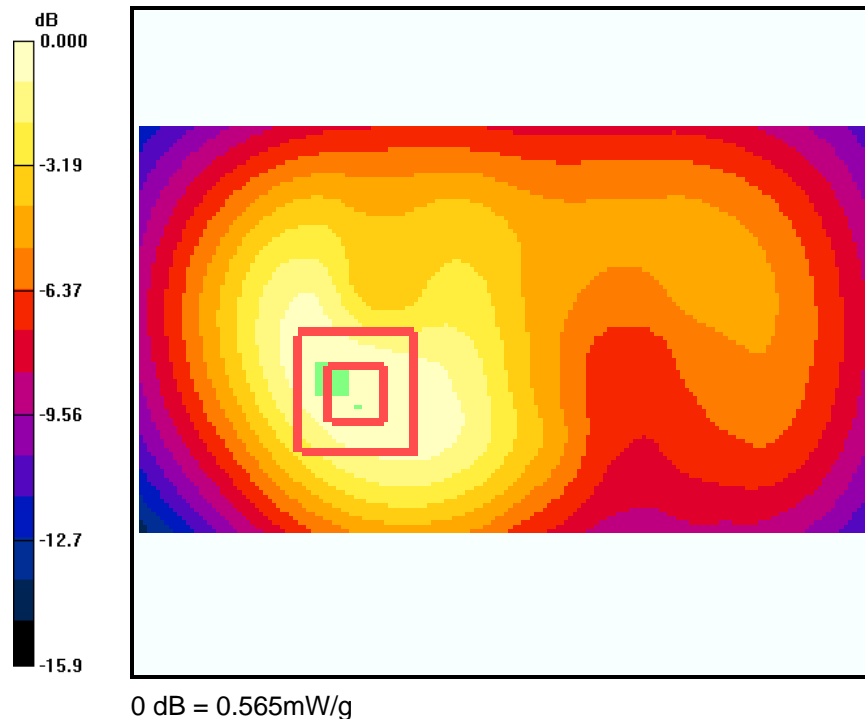
CDMA-1900 FLAT Ch600 Face down/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.2 V/m ; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.523 mW/g ; SAR(10 g) = 0.323 mW/g

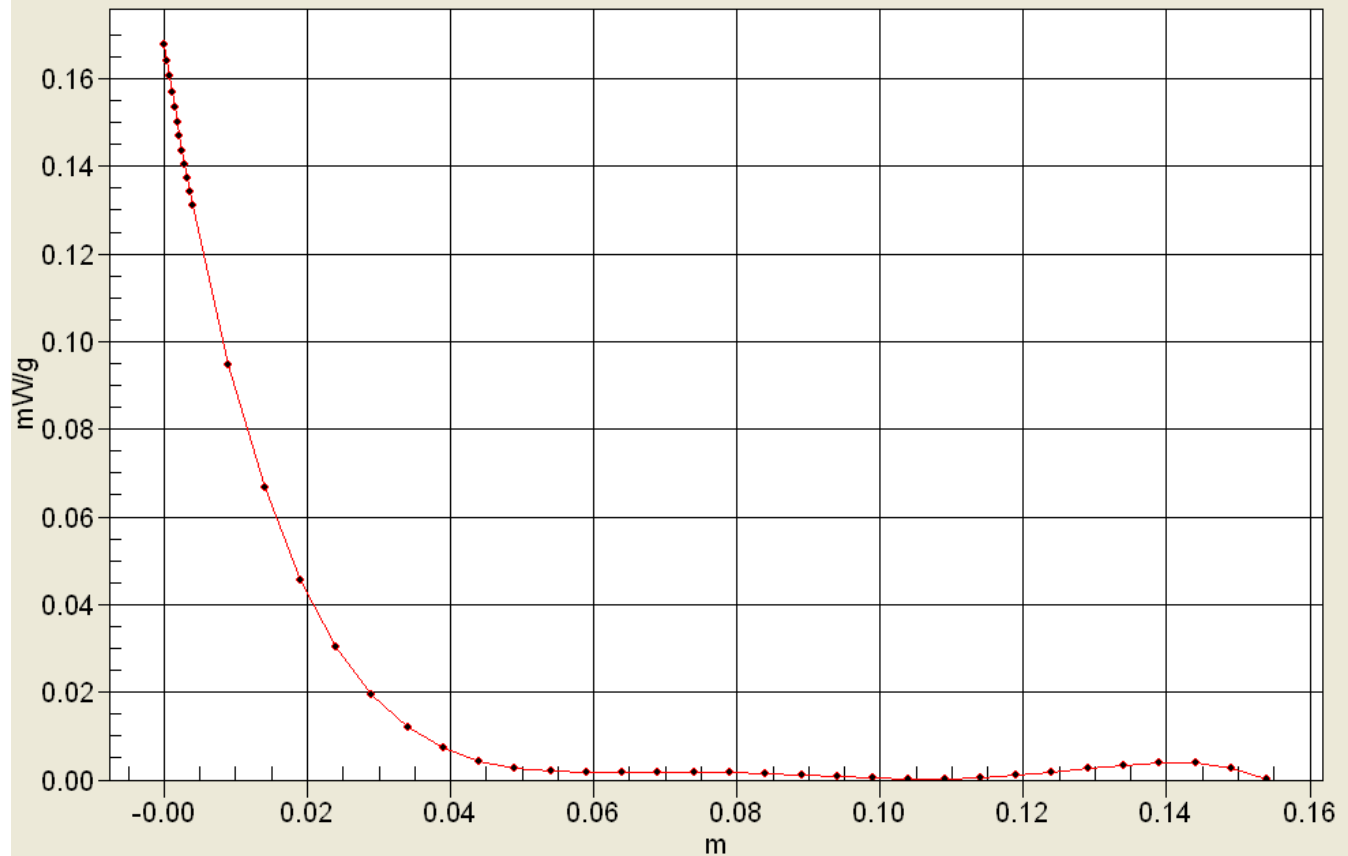
Maximum value of SAR (measured) = 0.565 mW/g





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Interpolated SAR(x,y,z,f0)
SAR; Z Scan: Value Along Z, X=0, Y=0





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FCC K53-01 PCS Flat with 15mm Air Space, Face Up Ch. 600

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Muscle 1900Mhz, Medium parameters used: $f = 1900$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(4.5, 4.5, 4.5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

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

CDMA-1900 FLAT Ch600 Face Up/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.446 mW/g

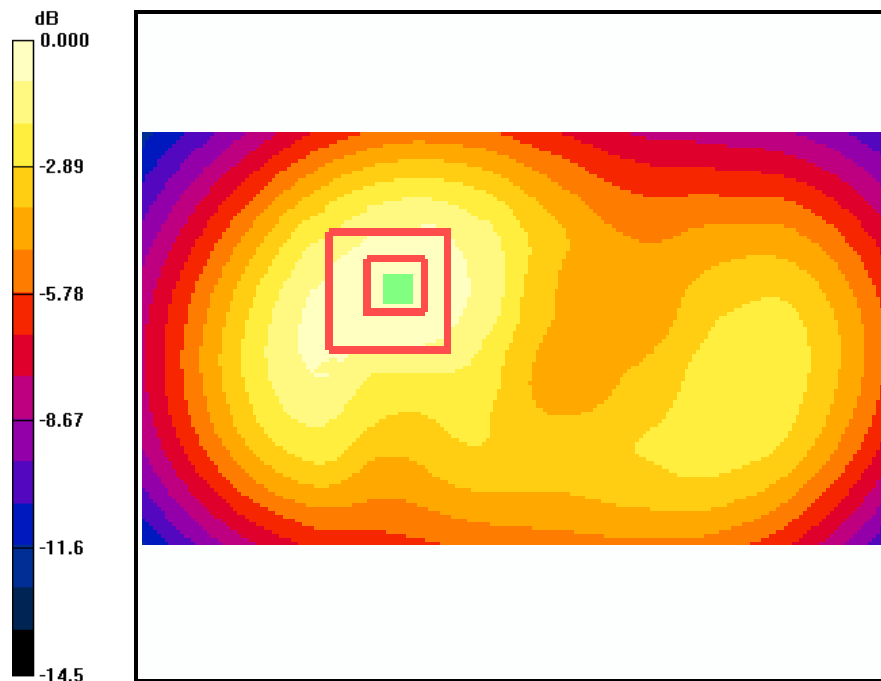
CDMA-1900 FLAT Ch600 Face Up/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.442 mW/g



0 dB = 0.442mW/g