Appendix B2:
SAR Distribution Plots (Body)

PCS

Date: 10/1/2010

Test Laboratory: KYOCERA

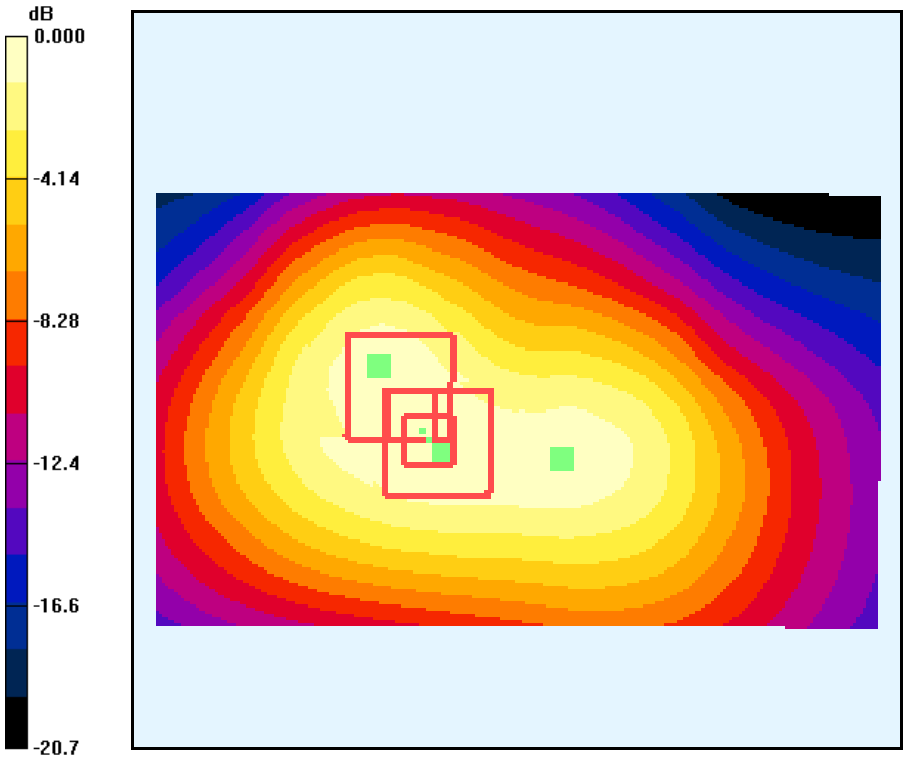
FCC S2100 PCS Flat with 15mm Air Space, 100110

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.53 mho/m; ε_r = 52.3; ρ = 1000 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: 4/21/2010
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 - Face Down Ch1175 SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.484 mW/g

CDMA-1900 FLAT - Face Down Ch1175 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.0 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 0.478 mW/g

CDMA-1900 FLAT - Face Down Ch1175 SO32/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.0 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.480 mW/g



0 dB = 0.484mW/g

Test Laboratory: KYOCERA

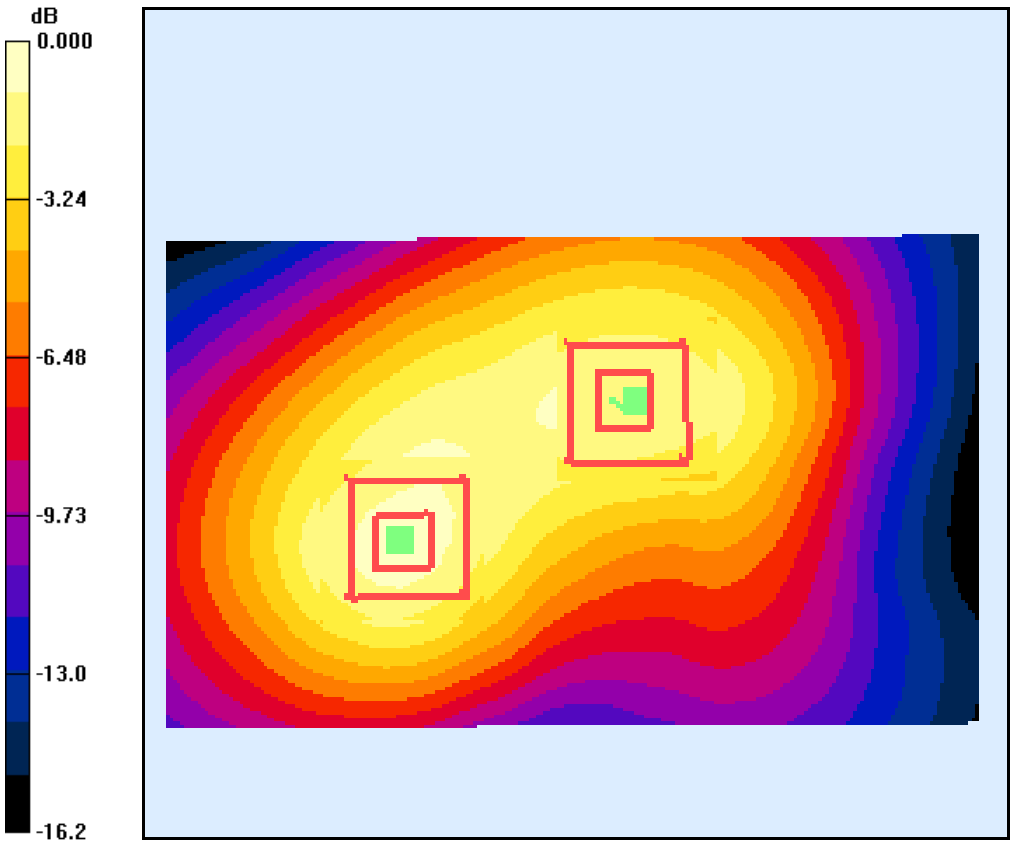
FCC S2100 PCS Flat with 15mm Air Space, 100110

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.53 mho/m; ε_r = 52.3; ρ = 1000 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: 4/21/2010
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 - Face Up Ch1175 SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.278 mW/g

CDMA-1900 FLAT - Face Up Ch1175 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.070 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.249 mW/g

CDMA-1900 FLAT - Face Up Ch1175 SO32/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.070 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.215 mW/g



0 dB = 0.278mW/g

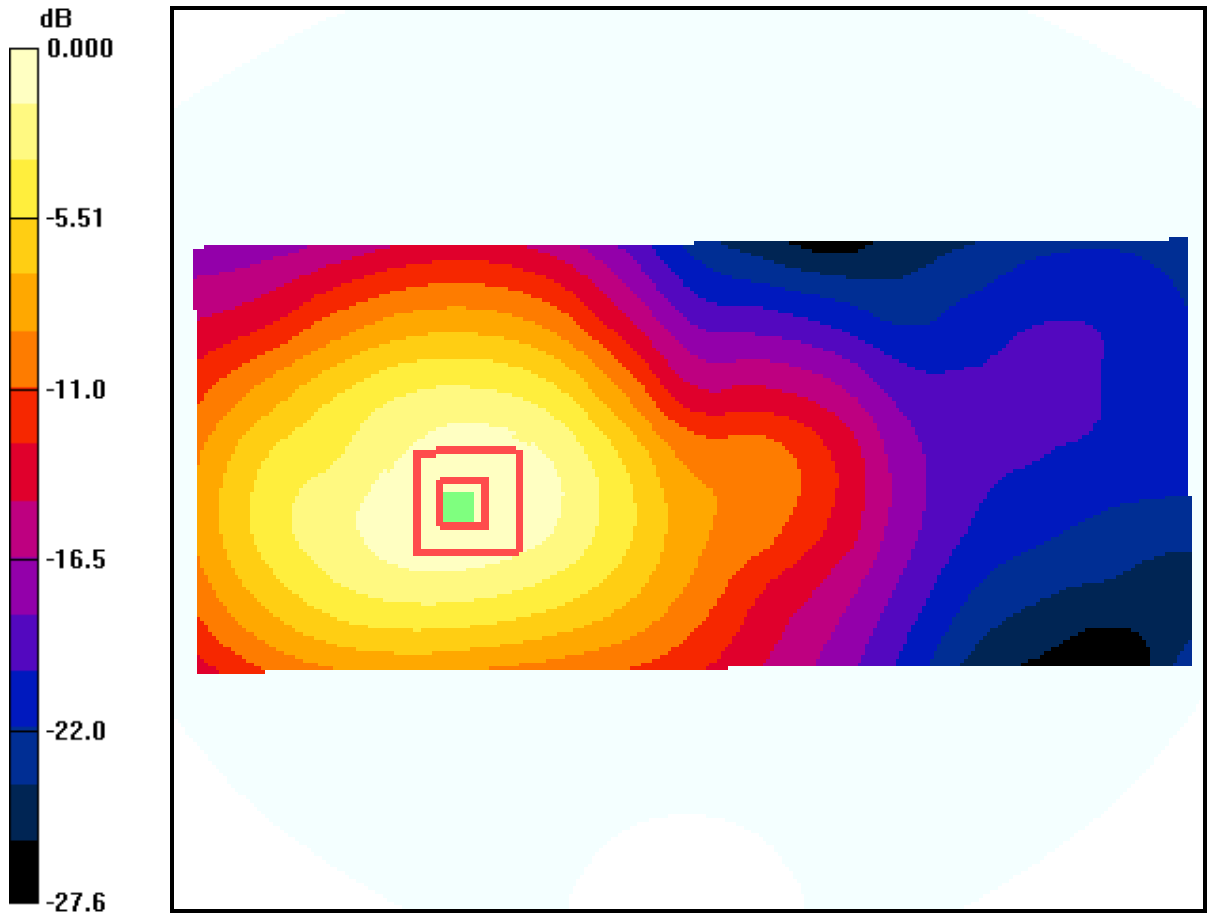
Test Laboratory: KYOCERA

FCC S2100 PCS_Open_Flat with 15mm Air Space, 100110

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: M1900,Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.53 mho/m; ε_r = 52.3; ρ = 1000 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: 4/21/2010
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 - Face Down Ch1175 SO32/Area Scan (61x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.743 mW/g

CDMA-1900 FLAT - Face Down Ch1175 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.44 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.746 mW/g



0 dB = 0.743mW/g