



Report No.: HCT-SAR05-0902 FCC ID: I28MD-ZLAN11B/I28MD-BTYCTY3 DATE: September 7, 2005

ATTACHMENT A – SAR TEST PLOTS

RW 420

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 2450 MHz

Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 52.9$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0011 mW/g, SAR (10g): -0.00 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.01 dB

Comment :

MODEL : RW 420

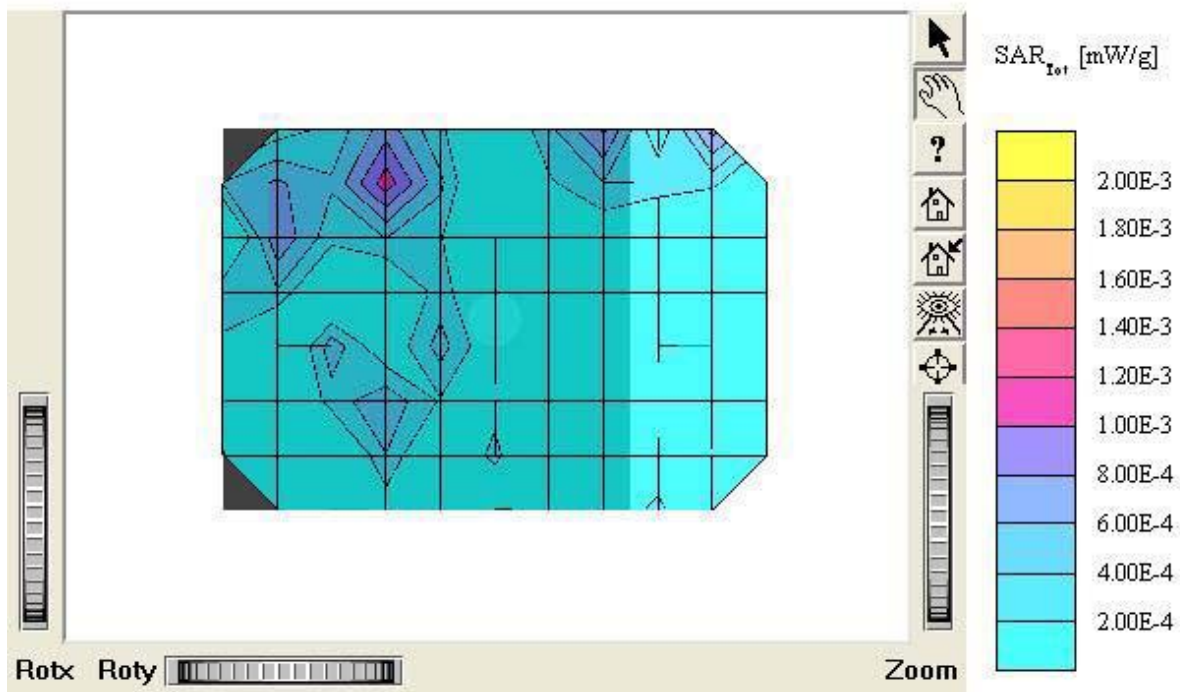
Company : Zebra Technologies Corporation.

Test Position: Back / Antenna: Intenna

Channel : Low

Liquid Temperature : 21.3 °C

Date Tested : September 6, 2005



RW 420

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 2450 MHz

Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 52.9$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0033 mW/g, SAR (10g): 0.0024 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.02 dB

Comment :

MODEL : RW 420

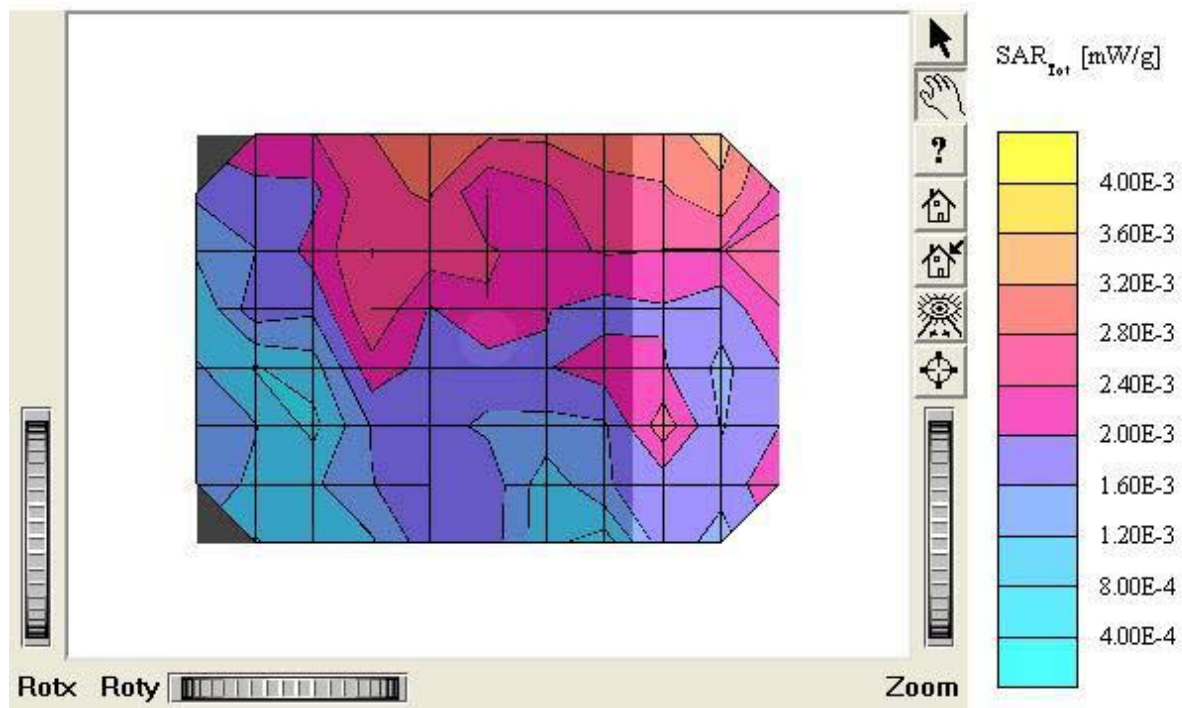
Company : Zebra Technologies Corporation.

Test Position: Back / Antenna: Intenna

Channel : Middle

Liquid Temperature : 21.3 °C

Date Tested : September 6, 2005



RW 420

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 2450 MHz

Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 52.9$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0036 mW/g, SAR (10g): 0.0032 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.19 dB

Comment :

MODEL : RW 420

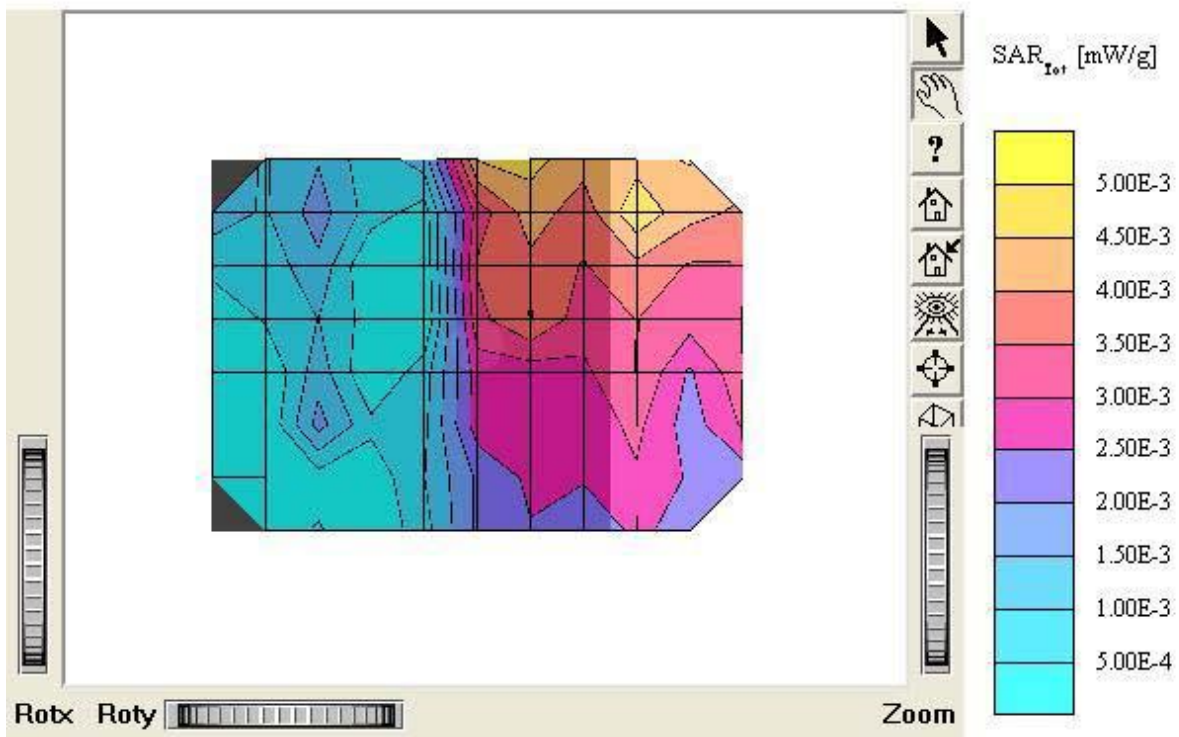
Company : Zebra Technologies Corporation.

Test Position: Back / Antenna: Intenna

Channel : High

Liquid Temperature : 21.3 °C

Date Tested : September 6, 2005



RW 420

SAM I Phantom, Flat Section; Position: (90°,90°); Frequency: 2450 MHz

Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 52.9$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0082 mW/g, SAR (10g): 0.0031 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Peak: 0.0223 mW/g; Powerdrift: 0.12 dB

Comment :

MODEL : RW 420

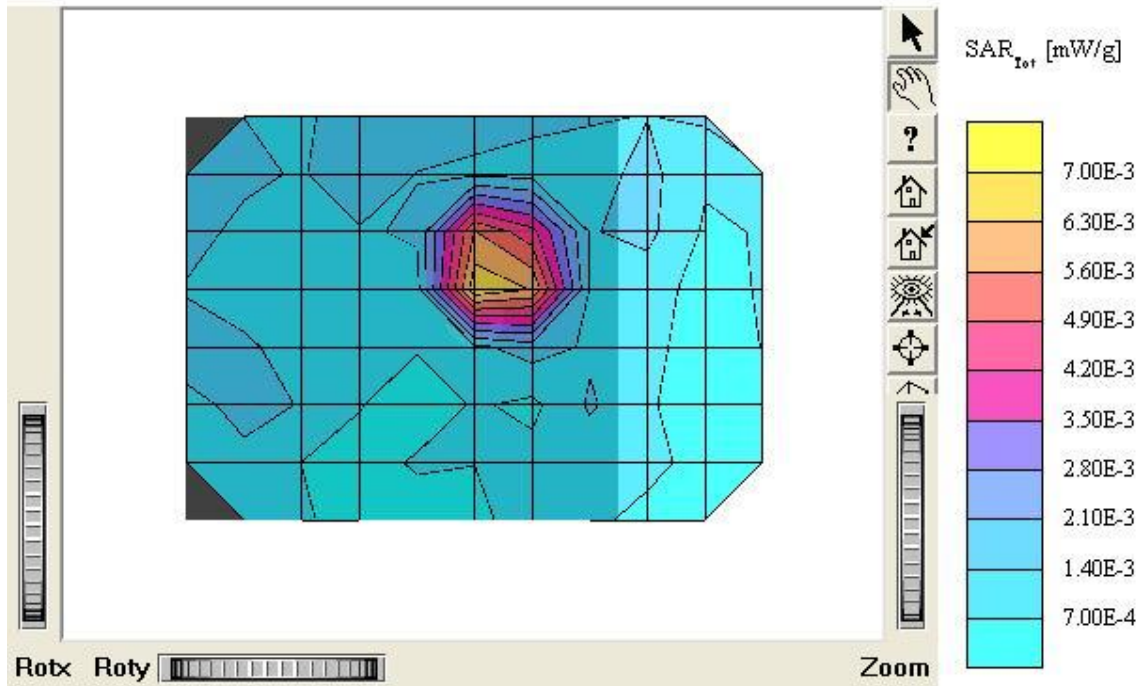
Company : Zebra Technologies Corporation.

Test Position: Front / Antenna: Intenna

Channel : Low

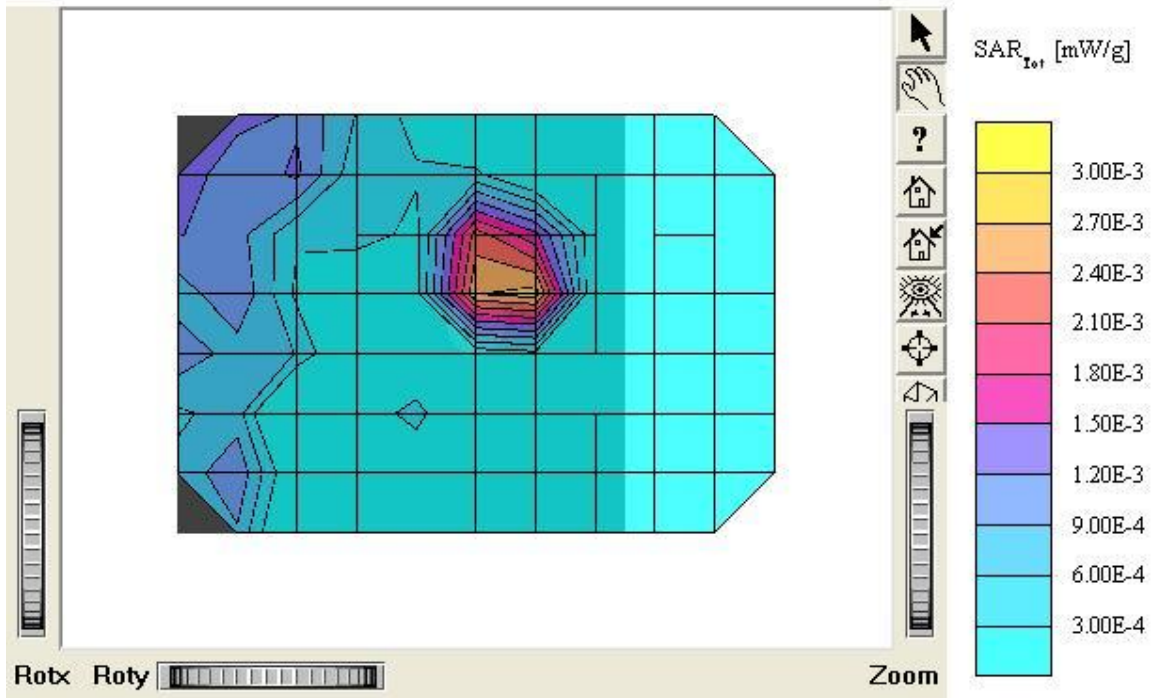
Liquid Temperature : 21.3 °C

Date Tested : September 6, 2005



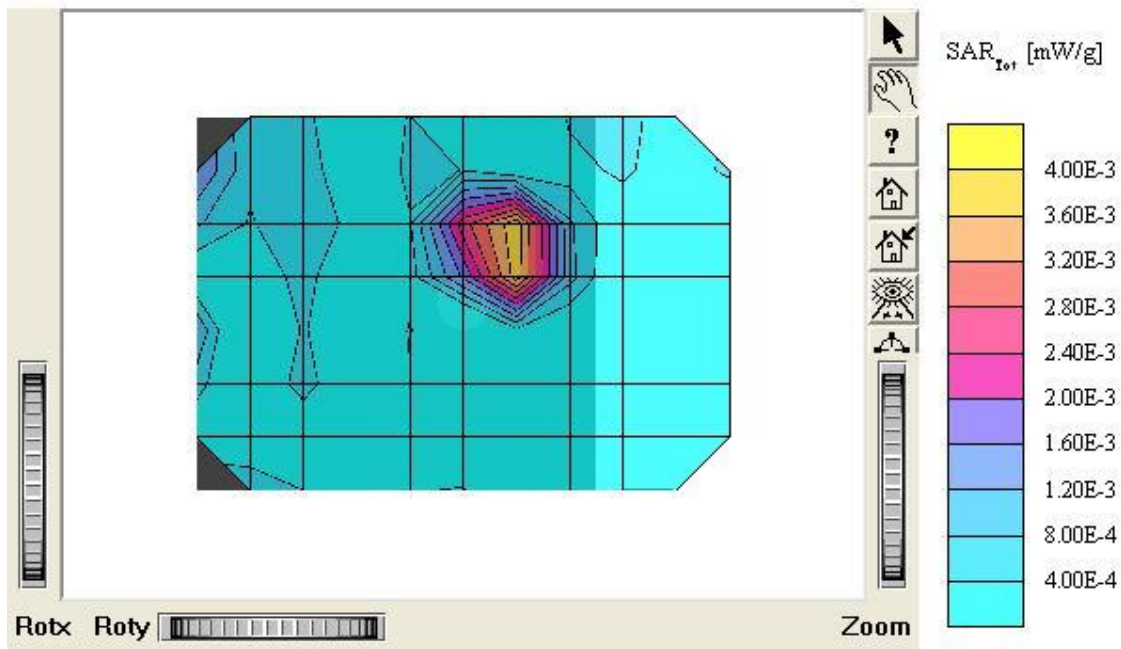
RW 420

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 2450 MHz
Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 52.9$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.0052 mW/g, SAR (10g): 0.0018 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Peak: 0.0126 mW/g; Powerdrift: 0.01 dB
Comment :
MODEL : RW 420
Company : Zebra Technologies Corporation.
Test Position: Front / Antenna: Antenna
Channel : Middle
Liquid Temperature : 21.3 °C
Date Tested : August 6, 2005



RW 420

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 2450 MHz
Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 52.9$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR(1g): 0.0070 mW/g, SAR(10g): 0.0025 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.01 dB
Comment :
MODEL : RW 420
Company : Zebra Technologies Corporation.
Test Position: Front / Antenna: Intenna
Channel : High
Liquid Temperature : 21.3 °C
Date Tested : August 6, 2005



RW 420

SAM I Phantom; Section; Position; ; Frequency: 2450 MHz
Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 52.9$ $\rho = 1.00 \text{ g/cm}^3$

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment :

MODEL : RW 420

Company : Zebra Technologies Corporation.

Test Position: Front / Antenna: Intenna

Channel : Low

Liquid Temperature : 21.3 °C

Date Tested : September 6, 2005

