



**Report No.: HCT-SAR05-0903**

**FCC ID: H9PLA4137 w/I28MD-BTC2TY4**

**DATE: September 8, 2005**

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## **ATTACHMENT A – SAR TEST PLOTS**

## QL 220 Plus

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:  $\sigma = 1.98 \text{ mho/m}$   $\epsilon_r = 53.2$   $\rho$

$= 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0056 mW/g, SAR (10g): 0.0054 mW/g

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

Powerdrift: -0.00 dB

Comment :

MODEL : QL 220 Plus

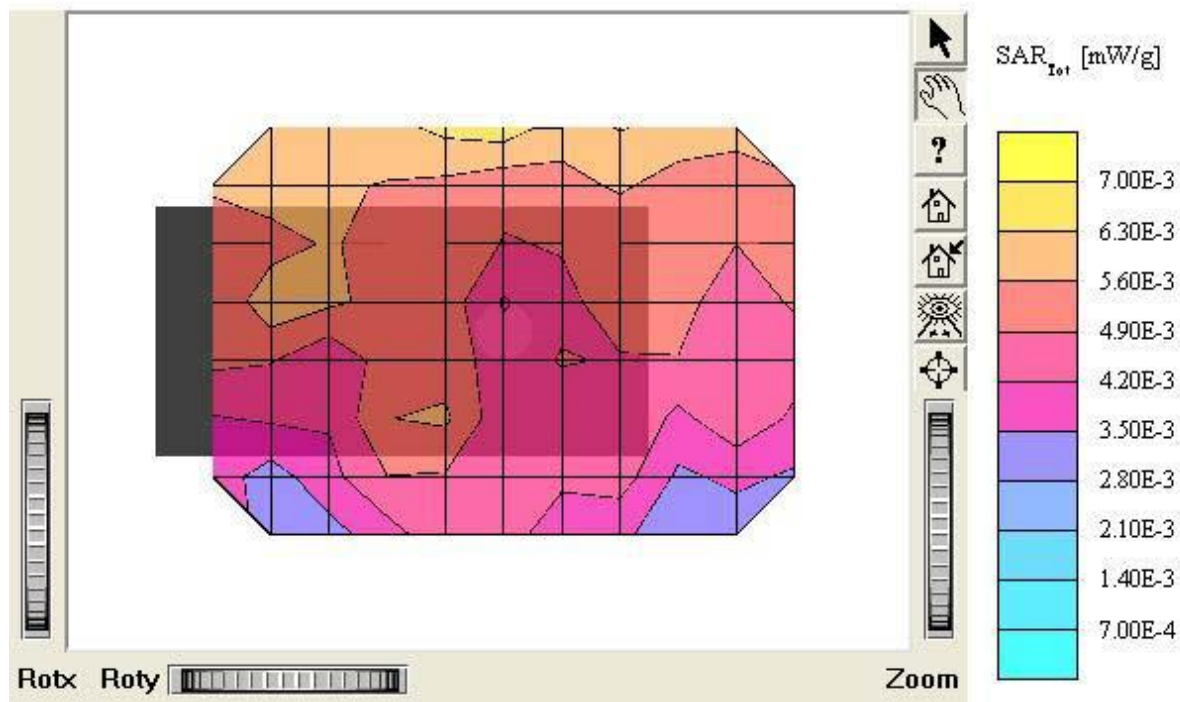
Company : Zebra Technologies Corporation.

Test Position: Back / Antenna: Intenna

Channel : Low

Liquid Temperature : 21.4 °C

Date Tested : September 7, 2005



## QL 220 Plus

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:  $\sigma = 1.98$  mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0045 mW/g, SAR (10g): 0.0039 mW/g

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

Powerdrift: -0.01 dB

Comment :

MODEL : QL 220 Plus

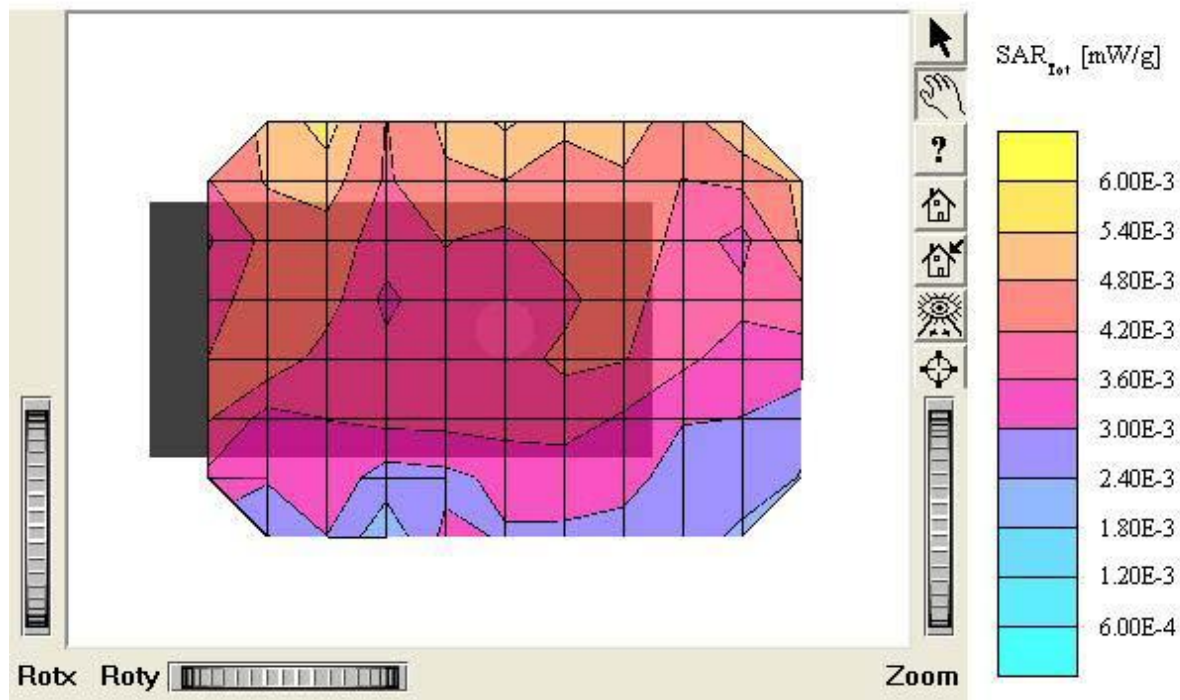
Company : Zebra Technologies Corporation.

Test Position: Back / Antenna: Intenna

Channel : Middle

Liquid Temperature : 21.4 °C

Date Tested : September 7, 2005



## QL 220 Plus

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:  $\sigma = 1.98$  mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0065 mW/g, SAR (10g): 0.0057 mW/g

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

Powerdrift: -0.17 dB

Comment :

MODEL : QL 220 Plus

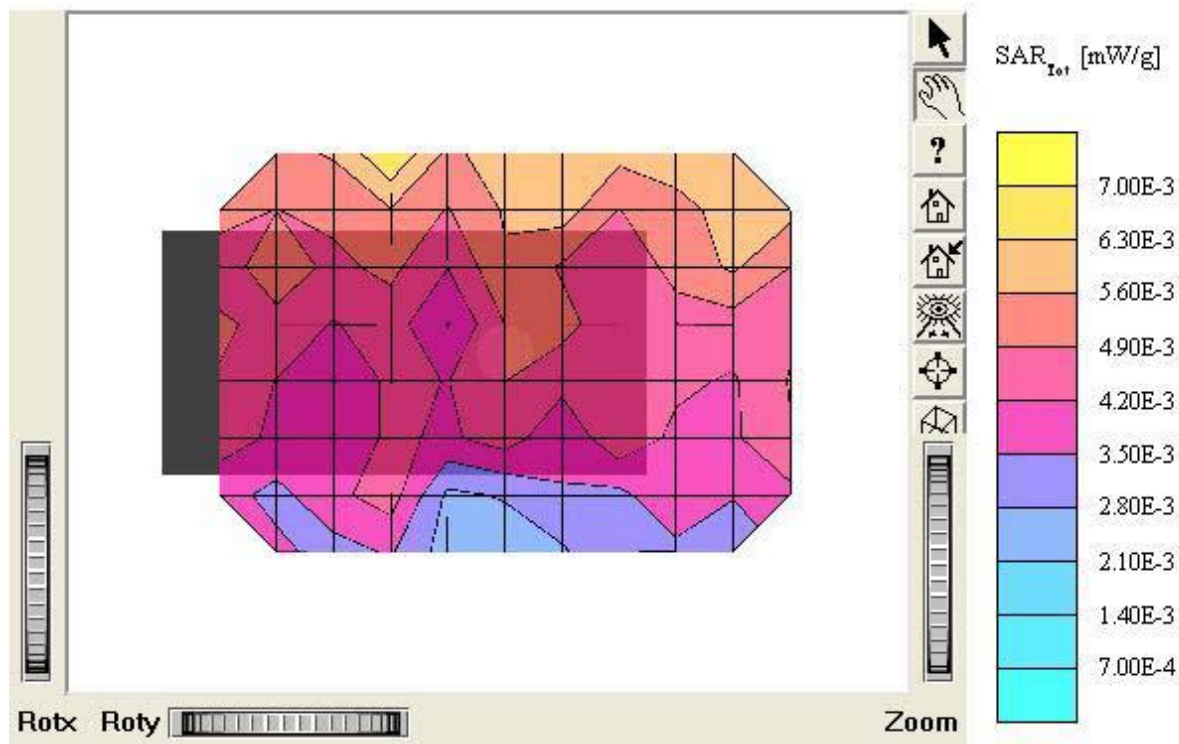
Company : Zebra Technologies Corporation.

Test Position: Back / Antenna: Intenna

Channel : High

Liquid Temperature : 21.4 °C

Date Tested : September 7, 2005



## QL 220 Plus

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:  $\sigma = 1.98 \text{ mho/m}$   $\epsilon_r = 53.2 \rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.0441 mW/g, SAR(10g): 0.0214 mW/g

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

Powerdrift: -0.18 dB

Comment :

MODEL : QL 220 Plus

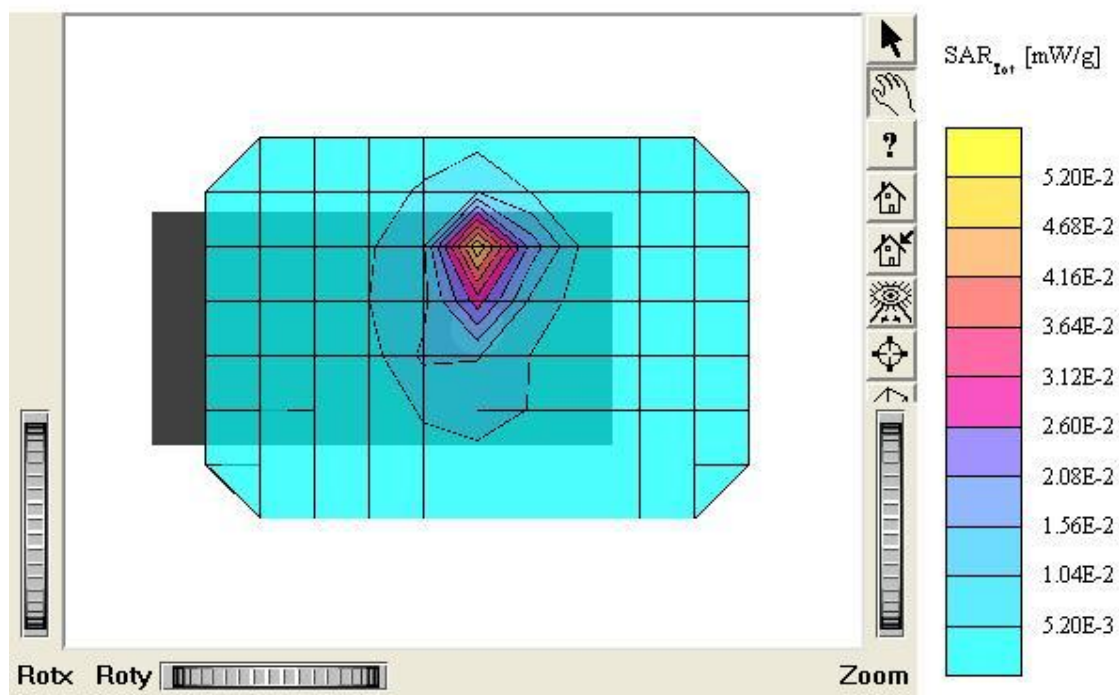
Company : Zebra Technologies Corporation.

Test Position: Front / Antenna: Intenna

Channel : Hight

Liquid Temperature : 21.4 °C

Date Tested : September 7, 2005



## QL 220 Plus

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:  $\sigma = 1.98 \text{ mho/m}$   $\epsilon_r = 53.2 \rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.103 mW/g, SAR (10g): 0.0502 mW/g

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

Powerdrift: -0.14 dB

Comment :

MODEL : QL 220 Plus

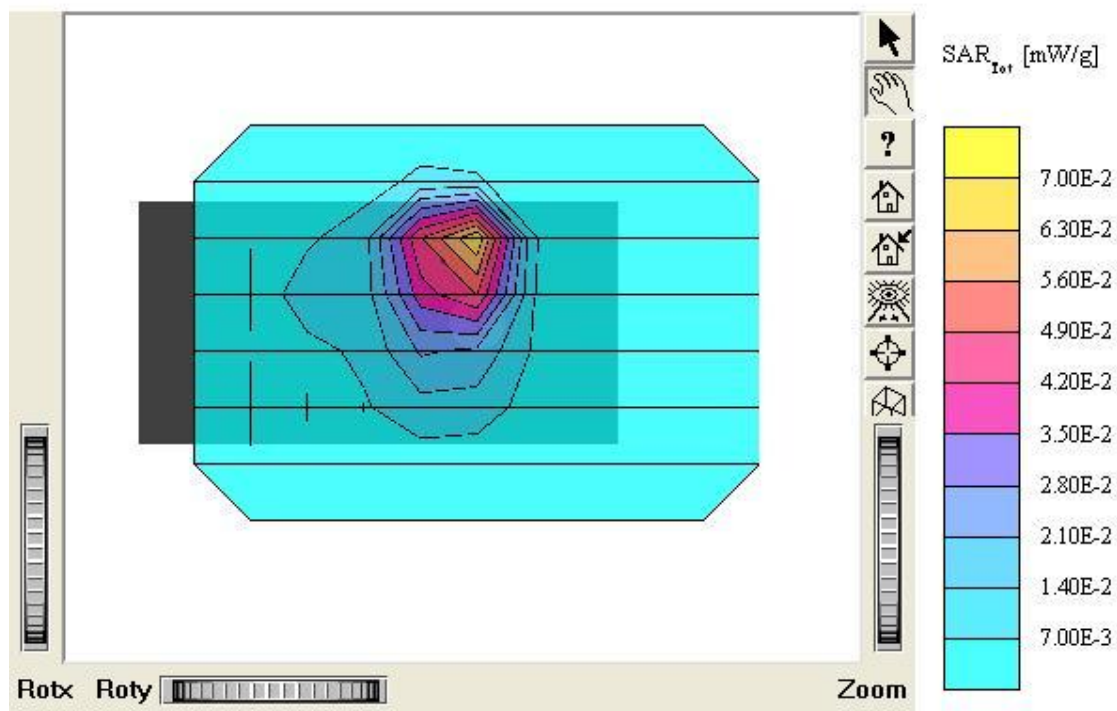
Company : Zebra Technologies Corporation.

Test Position: Front / Antenna: Intenna

Channel : Middle

Liquid Temperature : 21.4 °C

Date Tested : September 7, 2005



## QL 220 Plus

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:  $\sigma = 1.98 \text{ mho/m}$   $\epsilon_r = 53.2 \rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0325 mW/g, SAR (10g): 0.0154 mW/g

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

Powerdrift: 0.01 dB

Comment :

MODEL : QL 220 Plus

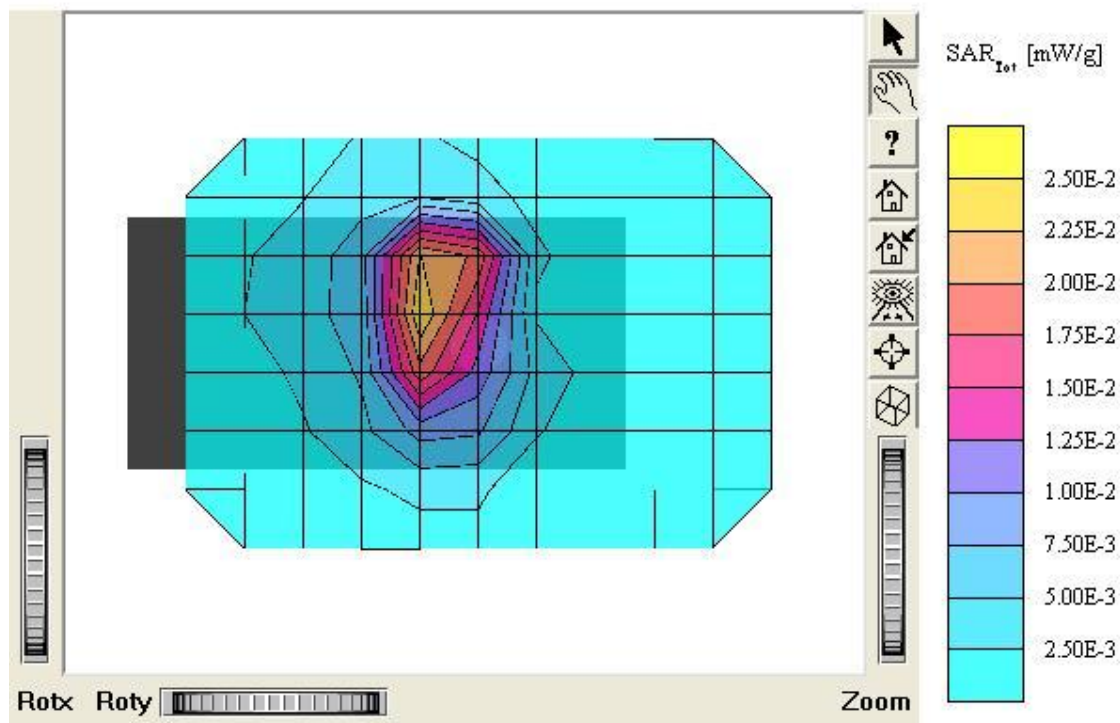
Company : Zebra Technologies Corporation.

Test Position: Front / Antenna: Intenna

Channel : High

Liquid Temperature : 21.4 °C

Date Tested : September 7, 2005



## QL 220 Plus

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:  $\sigma = 1.98 \text{ mho/m}$   $\epsilon_r = 53.2$   $\rho = 1.00 \text{ g/cm}^3$

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

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Comment :

MODEL : QL 220 Plus

Company : Zebra Technologies Corporation.

Test Position: Front / Antenna: Antenna

Channel : Middle

Liquid Temperature : 21.4 °C

Date Tested : September 7, 2005

