



**Report No.: HCT-SAR05-1106    FCC ID: H9PLA4137 w/ I28MD-BTC2TY4    DATE: November 14, 2005**

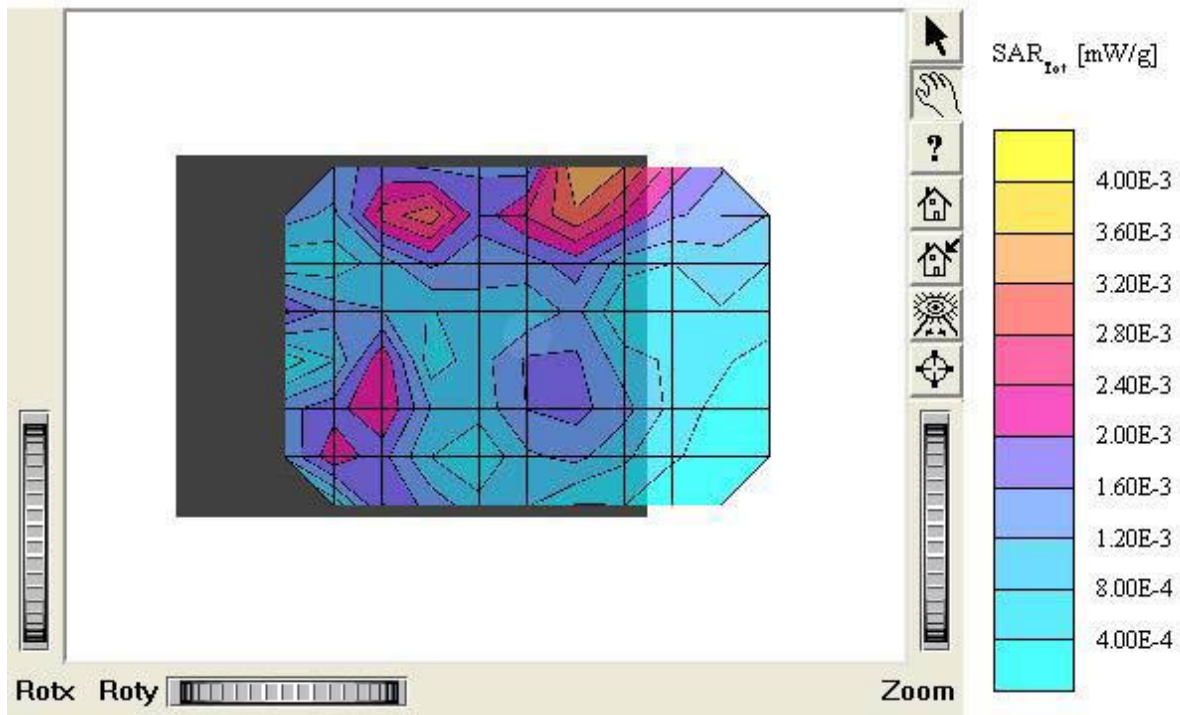
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## **ATTACHMENT A – SAR TEST PLOTS**

## QL 420 Plus

SAM II 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:  $\sigma = 2.02 \text{ mho/m}$   $\epsilon_r = 51.1 \rho$   
 $= 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.0028 mW/g, SAR (10g): 0.0004 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

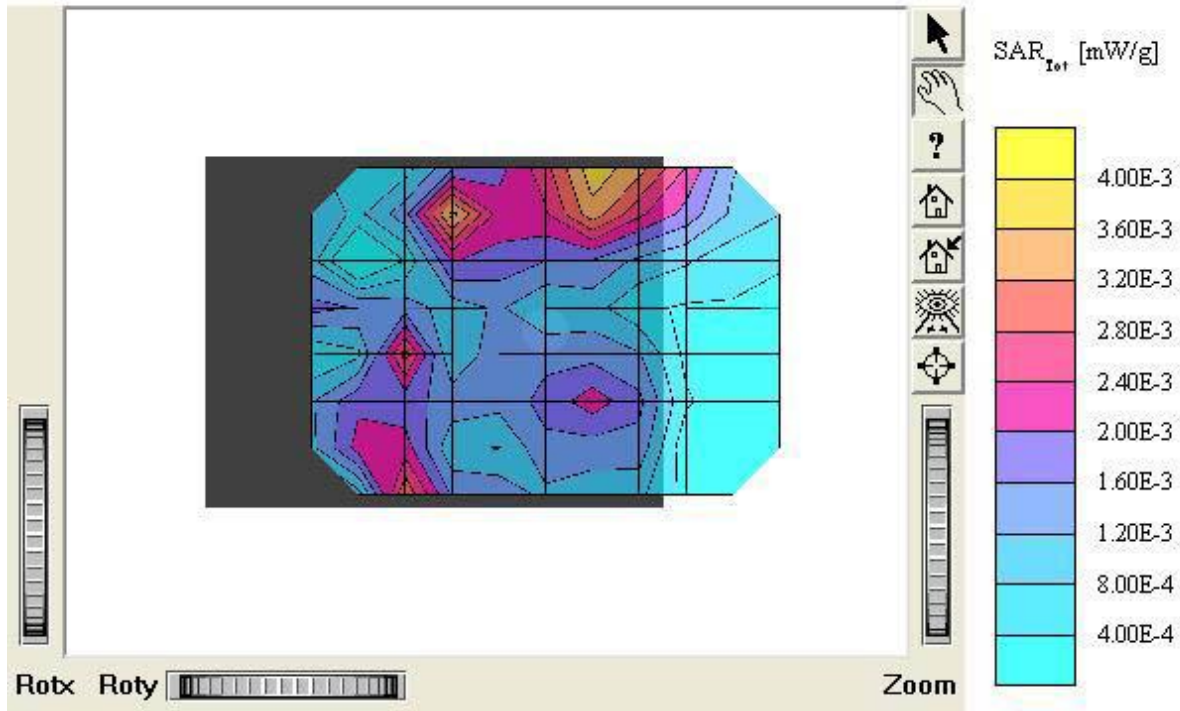
Comment :  
MODEL : QL 420 Plus  
Company : Zebra Technologies Corporation.  
Test Position: Back / Antenna: Intenna  
Channel : Low  
Liquid Temperature : 21.5 °C  
Date Tested : November 12, 2005



### QL 420 Plus

SAM II 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:  $\sigma = 2.02 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.0030 mW/g, SAR (10g): 0.0011 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

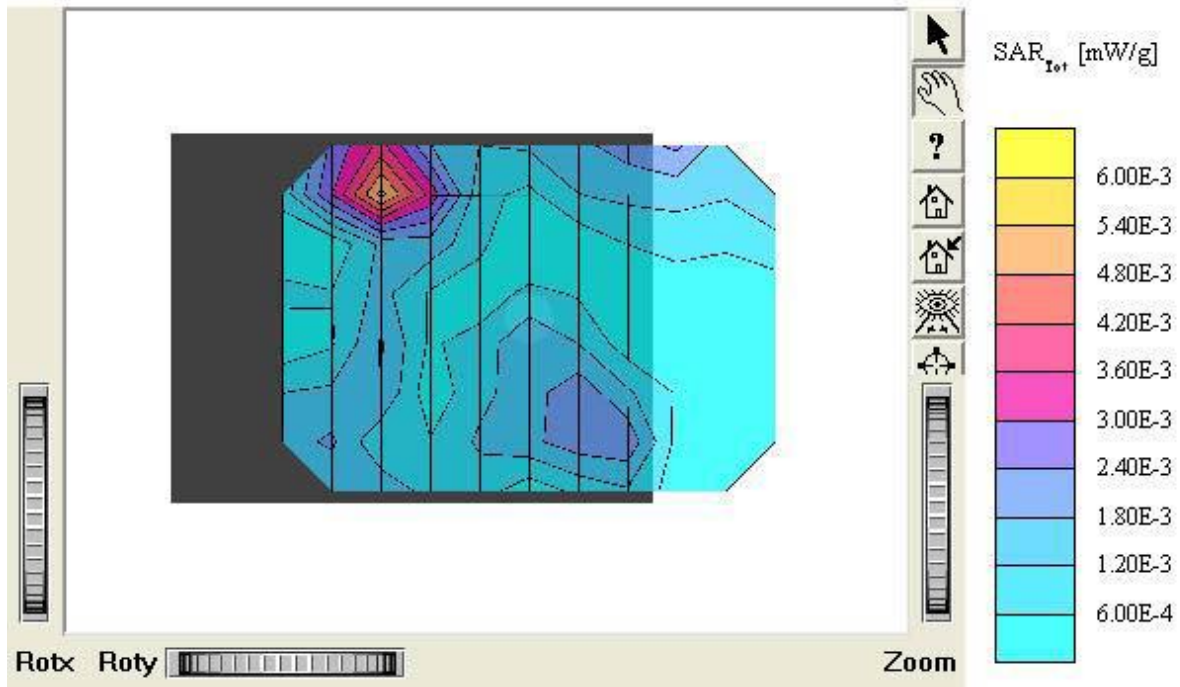
Comment :  
MODEL : QL 420 Plus  
Company : Zebra Technologies Corporation.  
Test Position: Back / Antenna: Intenna  
Channel : Middle  
Liquid Temperature : 21.5 °C  
Date Tested : November 12, 2005



### QL 420 Plus

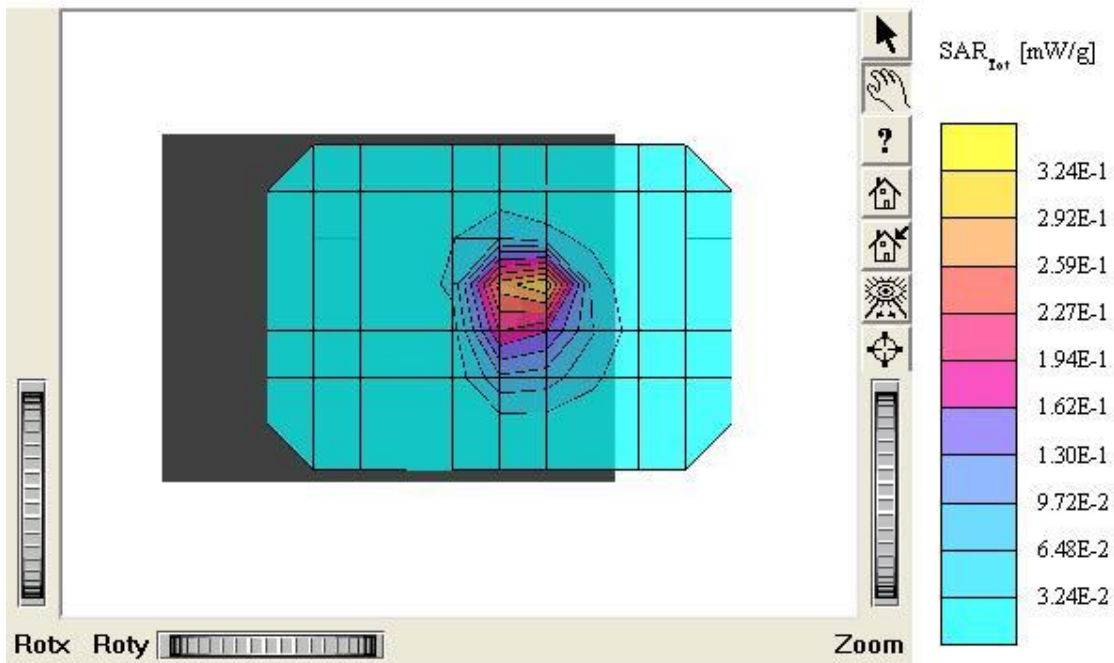
SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 2450 MHz  
Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz:  $\sigma = 2.02 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.0036 mW/g, SAR (10g): 0.0017 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Comment :  
MODEL : QL 420 Plus  
Company : Zebra Technologies Corporation.  
Test Position: Back / Antenna: Interna  
Channel : High  
Liquid Temperature : 21.5 °C  
Date Tested : November 12, 2005



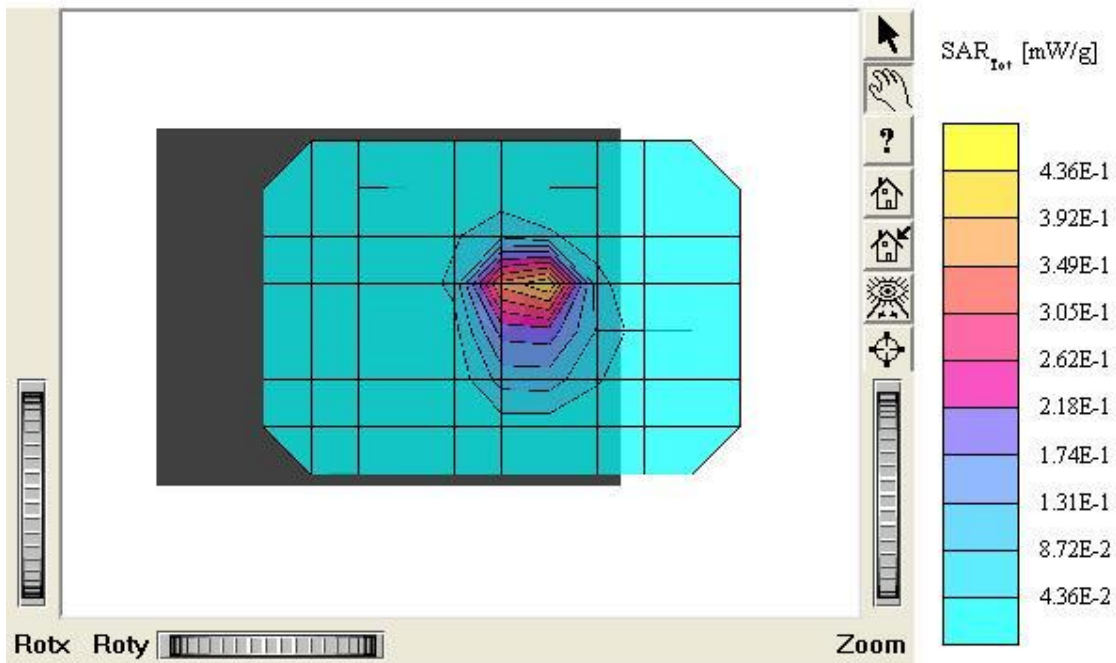
### QL 420 Plus

SAM II 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:  $\sigma = 2.02 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.289 mW/g, SAR (10g): 0.138 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.00 dB  
Comment :  
MODEL : QL 420 Plus  
Company : Zebra Technologies Corporation.  
Test Position: Front / Antenna: Intenna  
Channel : Low  
Liquid Temperature : 21.5 °C  
Date Tested : November 12, 2005



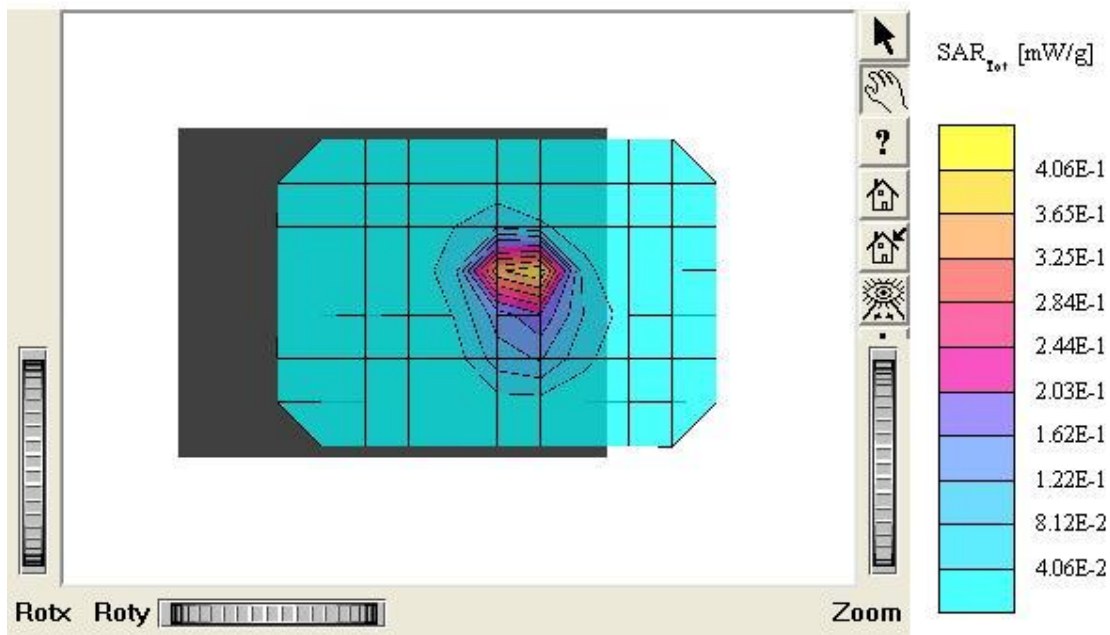
### QL 420 Plus

SAM II 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:  $\sigma = 2.02 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.393 mW/g, SAR (10g): 0.182 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: 0.00 dB  
Comment :  
MODEL : QL 420 Plus  
Company : Zebra Technologies Corporation.  
Test Position: Front / Antenna: Intenna  
Channel : Middle  
Liquid Temperature : 21.5 °C  
Date Tested : November 12, 2005



### QL 420 Plus

SAM II 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:  $\sigma = 2.02 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.380 mW/g, SAR (10g): 0.172 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: 0.02 dB  
Comment :  
MODEL : QL 420 Plus  
Company : Zebra Technologies Corporation.  
Test Position: Front / Antenna: Intenna  
Channel : High  
Liquid Temperature : 21.5 °C  
Date Tested : November 12, 2005



## QL 420 Plus

SAM II Phantom; Section; Position: ; Frequency: 2450 MHz

Probe: ET3DV6 - SN1798; ConvF(4.40,4.40,4.40); Crest factor: 1.0; Body 2450 MHz:  $\sigma = 2.02 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$

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

Comment :

MODEL : QL 420 Plus

Company : Zebra Technologies Corporation.

Test Position: Front / Antenna: Intenna

Channel : Middle

Liquid Temperature : 21.5 °C

Date Tested : November 12, 2005

