User Control Panel (**0** new messages) • View your posts • Logout [potto216]

Skip to content

- FAQ
- Members
- Search

- Board index ‹ Platforms ‹ Sonix RP
- Change font size • E-mail friend • Print view

Post a reply

| Search this topic… | Search |

2 posts • Page **1** of **1**

Odd width setting in SonixRP post beamformed rf data

- Edit post
- Report this post
- Reply with quote

Odd width setting in SonixRP post beamformed rf data

▫ by **potto216** » Sun Nov 13, 2011 5:05 pm

Hi,

I have a question about the width setting in our SonixRP post beamformed rf data files. When we setup the collect for a line density of 64 and a sector size of 50% with a depth of 2.5cm we get an output file with a width of 33. But since the sector size is 50% why is the width not 32? Below is the header info from our files. Thanks! Paul

filetype: 16
nframes: 999
w: 33
h: 1312
ss: 16
ul: [0 0]
ur: [0 0]
br: [0 0]
bl: [0 0]
probe: 2

txf: 10000000
sf: 40000000
dr: 532

potto216

Posts: 21
Joined: Thu Feb 18, 2010 4:52 am

- Private message

Top

- Report this post
- Reply with quote

Re: Odd width setting in SonixRP post beamformed rf data

by **corina** » Thu Nov 24, 2011 8:50 pm

Hi,

The width is calculated based on the display image rectangle, line density, and number of elements. When the line density does not equal and less than the number of elements we + 1 to account for the scan conversion.
Corina Leung
Software Team Lead (Research & OEM)
Ultrasonix Medical Corporation

130 - 4311 Viking Way
Richmond, BC V6V 2K9
T. 1.604.279.8550 ext 172

corina.leung@ultrasonix.com

corina

Posts: 115
Joined: Mon Oct 01, 2007 4:35 pm
Location: Ultrasonix Medical Corporation

- Private message
- Website

Top

Display posts from previous: All posts ▼ Sort by Post time ▼ Ascending ▼ Go

Post a reply

2 posts • Page **1** of **1**

[Return to Sonix RP](#)

Jump to: Sonix RP ▾ Go

Who is online

Users browsing this forum: [potto216](#) and 0 guests

- [Subscribe topic](#) • [Bookmark topic](#) • [Bump topic](#) • [The team](#) • [Delete all board cookies](#) • All times are UTC

Powered by [phpBB](#)® Forum Software © phpBB Group
Cerulean Style by Daniel St. Jules of [Gamexe.net](#)