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**From:** Mark Steapleton  
**Sent:** Wednesday, November 22, 2017 12:02 PM  
**To:** John D. Jeter  
**Cc:** Carl W. Davis  
**Subject:** RE: Power gain factor on 100A-1M 3 bay array...WZRF-LP John Jeter

Hi John,  
Please See the attached 100A-3 Full wave Elevation pattern  
The gain for the antenna is 1.403.  
Let me know if you have any questions. This would include the standard feed harness losses.  
Have a great Thanksgiving!  
Best Regards,

Mark Steapleton  
Field Service Manager / Technical and Engineering Support  
Electronics Research Inc.  
7777 Gardner Rd.  
Chandler, IN 47610  
(812) 925-6000 Ext. 275  
(812) 459-1342 Cell

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**From:** John D. Jeter [<mailto:jeter@twc.com>]  
**Sent:** Wednesday, November 22, 2017 10:52 AM  
**To:** Mark Steapleton <[mark@eriinc.com](mailto:mark@eriinc.com)>  
**Subject:** Power gain factor on 100A-1M 3 bay array...WZRF-LP John Jeter

Hello Mark,

Good to talk with you...thank you very much for helping me to calculate the 3 bay 100A-1M antenna power gain factor.  
Your expertise is greatly appreciated!!!

Thanks!

John Jeter  
President and Chief Engineer  
99.3 MHz FM  
WZRF-LP  
Wilmington, NC  
(910) 523-8579

