

To: Andy Leimer  
aleimer@fcc.gov  
FCC Application Processing Branch

Re: FCC ID QF75100  
Applicant: Geophysical Survey Systems, Inc.  
Correspondence Reference Number: 24197  
731 Confirmation Number: EA639721

1), 3), 4) The plot submitted included peak, RMS, and average data as requested previously by the FCC on a similar application.

The x-axis on the plot is only one decade, so there were no minor grid lines.

The data shown on the plot encompass the 10dB bandwidth, with the max=633.6MHz, 38.2dB, the low frequency approximately 225MHz, 29.6dB and high frequency = 1054.88MHz, 28.2dB. The primary goal of the plot is to show the top end of the 10dB bandwidth. Note that data above ~1100MHz is equipment noise floor.

2) The FCC has previously requested peak data using a log-periodic antenna. Data submitted for this application used a log-periodic calibrated from 200MHz - 2GHz.

A description of the procedure for measuring the 10dB bandwidth has been submitted with the file name *5100\_10dB\_proc.doc*. Also included in that document is a revised plot and a table of the data.