

**Hankins, Danny**

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**From:** Searls, Roger  
**Sent:** Thursday, August 18, 2005 12:06 PM  
**To:** Hankins, Danny  
**Subject:** FW: S67-1575-1000

Danny,

Attached is the response from Sensor systems. Please advise which attenuator we should buy.

Sincerely  
Roger L. Searls  
Avionics Supervisor  
Sacramento Citation Service Center  
5850 Citation Way, Sacramento, Ca. 95837  
916-286-4308 voice 916-929-0127 fax  
rsearls@cessna.textron.com

-----Original Message-----

**From:** Mike Crow [mailto:[mcrow@sensorantennas.com](mailto:mcrow@sensorantennas.com)]  
**Sent:** Thursday, August 18, 2005 8:15 AM  
**To:** rsearls@cessna.textron.com  
**Cc:** Bob Weber  
**Subject:** S67-1575-1000

Roger,

Per your call yesterday regarding the subject antenna, the S67-1575-1000 LNA gain of 35 +/- 5 dB is located prior to the power dividers for the four port output. There are two power dividers after the LNA prior to the output of each of the four ports. Each power division is - 3 dB providing a total loss -6 dB at the output of each port. This would provide a total LNA gain for each of the output ports of +34 dB if calculated from the maximum specified LNA gain. If you have any additional questions, please do not hesitate to contact me.

Best regards,

Mike Crow  
Sensor Systems, Inc.  
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Chatsworth, CA. 91311  
(818) 341-5366  
[mcrow@sensorantennas.com](mailto:mcrow@sensorantennas.com)

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