

From: [Fred Hannel](#)  
 To: [Jae Lim](#)  
 Subject: RE: SES-REG-20181017-05807; call sign: E200499  
 Date: Thursday, April 30, 2020 1:08:37 PM  
 Attachments: [image001.png](#)  
[image002.png](#)

Mr. Lim,

The antenna data for the above captioned application is as follows:

Manufacturer = Comtech Antenna System, Inc.  
 Model = 945 8073  
 Gain = 40 db

The manufacturer of this antenna went out of business several years ago and locating the data was quite difficult, further complicated by the coronavirus that is sweeping the country.

If you have any questions or if there is anything further that I need to do, please let me know.

Thanks for your help on this project.

Fred

**Fred Hannel, PE**  
**F. W. Hannel & Associates**  
 10733 East Butherus Drive  
 Scottsdale, AZ 85255  
 1-800-868-6592  
 (480) 585-7475  
 fax (815) 327-9559  
<http://www.fwhannel.com>

The information contained in this e-mail message is confidential and is intended only for the use of the individual or entity named above. If you received this communication by error, please immediately notify me by reply email and delete the message from your files. Thank you.

From: Jae Lim [mailto:Jae.Lim@fcc.gov]  
 Sent: Monday, April 6, 2020 1:37 PM  
 To: fred@fwhannel.com  
 Subject: SES-REG-20181017-05807; call sign: E200499

Hi,

Your form 312 schedule B is incomplete.

Please provide Antenna Gain for 3m antenna for Westwood.

<b>APPLICATION FOR EARTH STATION AUTHORIZATIONS</b>  <b>FCC 312 MAIN FORM</b> <b>FOR OFFICIAL USE ONLY</b>	<b>FCC Use Only</b>
---	---------------------

**APPLICANT INFORMATION**

Enter a description of this application to identify it on the main menu:

Westwood 1

1-8. Legal Name of Applicant			
Name:	ROGCO Family I, LLC	Phone Number:	8062494747
DBA Name:		Fax Number:	
Street:	323 Denver Avenue	E-Mail:	
City:	Dalhart	State:	TX
Country:	USA	Zipcode:	79022-2711
Attention: Fred Hannel PE			
9-16. Name of Contact Representative			
Name:	Fred Hannel, PE	Phone Number:	4805857475
Company:		Fax Number:	815-327-9559
Street:	10733 East Butherus	E-Mail:	fred@fwhannel.com
City:	Scottsdale	State:	AZ
Country:	USA	Zipcode:	85255-
Attention: Relationship:			

**ANTENNA**

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size	E41/42. Antenna GainTransmint and/or Recieve(____dBi at ____GHz)
Westwood 1	Westwood 1	1	Unknown	Unknown	3.0	0.0 dBi at

Jae Lim  
 FCC/IB  
 1-202-418-2899