

**Leann Nguyen**

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**From:** Barry Severson [Barry@bushtex.com]  
**Sent:** Tuesday, June 12, 2007 10:53 AM  
**To:** Leann Nguyen  
**Subject:** RE: FCC File # 0512-EX-PL-2006

Leann, you can remove all the 11700-12250 frequencies. They are receive only frequencies and we don't need a license to receive. The 14 - 14.5 GHZ is correct except station class is FX.

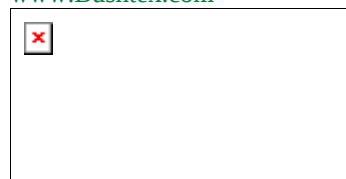
Also did you get the information for the earth station at FT. Huachuca Arizona? The information is exactly the same except the latitude and longitude of the ground station is different. It is located at 31.30N and 109.65W. Everything else is the same. Do you have a file started on that one? It may have been submitted by Adelaida Severson. Here e-mail is [Adelaida@Bushtex.com](mailto:Adelaida@Bushtex.com) if you need to research where it came from.

Call or mail with ?'s

Barry Severson  
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-----Original Message-----

**From:** Leann Nguyen [mailto:[Leann.Nguyen@fcc.gov](mailto:Leann.Nguyen@fcc.gov)]  
**Sent:** Tuesday, June 12, 2007 6:16 AM  
**To:** Barry@bushtex.com  
**Subject:** FCC File # 0512-EX-PL-2006

6/12/2007

**Importance:** High

Mr Severson,

Please verify all the information below including **frequency, emission designator, power and tolerance**. If having any changes, please let me know. Thanks.

Palmdale,CA- NL 34-53-48; WL 117-28-49; MOBILE: 25500 East Avenue, Palmdale, CA 93550, at temporary fixed (transportable) locations, within 80.00 km , centered around NL 34-53-48; WL 117-28-49

| Frequency<br>Tolerance(+/-) | Station Class | Emission Designator | Authorized Power | Frequency |
|-----------------------------|---------------|---------------------|------------------|-----------|
| 14-14.5 GHz                 | MO            | 8M009E7             | 100W (ERP)       |           |

Palmdale,CA- NL 34-33-48; WL 117-40-49

| Frequency<br>Tolerance(+/-)   | Station Class | Emission Designator | Authorized Power | Frequency |
|-------------------------------|---------------|---------------------|------------------|-----------|
| 11700-12250 MHz<br>0.50000000 | FX            | 8M009E7             | 57uW (ERP)       |           |
| 11700-12250 MHz<br>0.50000000 | FX            | 14M0M1F             | 27W (ERP)        |           |

Palmdale,CA- NL 34-33-48; WL 117-40-49

| Frequency<br>Tolerance(+/-)   | Station Class | Emission Designator | Authorized Power | Frequency |
|-------------------------------|---------------|---------------------|------------------|-----------|
| 11700-12550 MHz<br>0.50000000 | FX            | 15M0M1E             | 143W (ERP)       |           |

*Leann Nguyen*  
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**From:** Barry Severson [mailto:Barry@bushtex.com]

**Sent:** Monday, June 11, 2007 2:45 PM

**To:** Leann Nguyen

**Subject:** RE: reference number 4985

Leann - I spoke to John Kennedy today in regards to the STA. He wanted me to be discriptive and let you

6/12/2007

know that the frequencies of concern are 14 - 14.5ghz. which are relayed to a geostationary satellite via a 6meter satellite dish also known as a ground station. The emissions emitter is 8mhz in bandwidth. The receive frequencies are from 11.7 ghz- 12.25ghz. These are however receive only frequencies from the satellite and do not concern transmission issues. The 6m simply downlinks that frequency. Once again the transmitted freq's are between 14 and 14.5 ghz to amc5 which is owned and operated by SES Americom. If you have more questions feel free to call or e-mail

Regards

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

**From:** Leann Nguyen [mailto:[Leann.Nguyen@fcc.gov](mailto:Leann.Nguyen@fcc.gov)]  
**Sent:** Friday, June 08, 2007 10:56 AM  
**To:** [Barry@Bushtex.com](mailto:Barry@Bushtex.com)  
**Subject:** RE: reference number 4985  
**Importance:** High

Mr. Severson,

The frequency bands that you applied have to send to National Telecommunications and Information Administration (NTIA) for coordination, please provide the purpose of **operation** when using the frequency bands (**14-14.5 GHz**) and (**11.7-14.5 GHz**). Thanks.

*Leann Nguyen*  
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*Office of Engineering and Technology*  
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*Fax:(202)418-7270*

*Email: Leann.Nguyen@fcc.gov*

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**From:** Barry Severson [mailto:Bushtex@cox.net]  
**Sent:** Friday, June 08, 2007 12:34 PM  
**To:** Leann Nguyen  
**Subject:** reference number 4985

The purpose of the transmission at 14 ghz is for digital spread spectrum transmissions approx. 9mhz in bandwidth.

Regards

file # 0512-ex-pl-2006

conf# el887162

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