

From: Craig J Emerick [Craig_J_Emerick@raytheon.com]
Sent: Wednesday, June 02, 2004 3:13 PM
To: Towanda Bryant
Subject: SES-LIC-20040428-00601

Towanda,

Okay, below are the changes that I believe will make everything right in the world.

Pt(watts) should equal 25w
Pt(dBW) should equal 13.98
EIRP(dBW) should equal 60.18
EIRP Den.(dBW/4kHz) should equal 29.67

As I said earlier I am waiting on the frequency coordination report from ComSearch. As soon as I get it I will pass it along. If there is anything else you need, feel free to get in touch as always.

Best Regards

Craig J. Emerick
Systems Engineer II
Raytheon Systems
Office 402-682-5151
LAB 402-293-2955
Fax 402-293-2901

"Towanda Bryant"
<Towanda.Bryant@
<Craig_J_Emerick@raytheon.com>
fcc.gov>

To: "Craig J Emerick"
cc:
Subject: FW: SES-LIC-20040427-

00593

06/02/2004 10:15
AM

Just checking up on changes that needed to be made. Please take a look at the autogrant check sheet that was sent on May 25, 2005 and make changes and also send the Frequency Coordination Report so that this application can be placed back on public notice like your other applications.

Tnx. T.

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

From: Towanda Bryant
Sent: Tuesday, May 25, 2004 10:16 AM
To: 'Craig J Emerick'
Subject: RE: SES-LIC-20040427-00593

SES-LIC-20040427-00594 passed the autogrant check sheet with the below info.
SES-LIC-20040428-00601 did not, I will send you a new check sheet with the
problems for this one.

Tnx. T.

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

From: Craig J Emerick [mailto:Craig_J_Emerick@raytheon.com]
Sent: Monday, May 24, 2004 10:42 AM
To: Towanda Bryant
Cc: Steve Hamiel; stephen_e_ellefson@raytheon.com
Subject: RE: SES-LIC-20040427-00593

Towanda,

Both SES-LIC-20040428-00601 and SES-LIC-20040427-00594 will have the same
corrections as follows:

EIRP should be 65.66 dBW
Eirp Density should be 35.15 dBW / 4kHz
Pt should be 12.46 dBW or 17.626 Watts

The problem is the same as the last, the incorrect Pt was submitted, and the
incorrect EIRP density was used. Hopefully this will be the last batch of
applications with this problem. Again I apologize and thank you for your
patience.

Best Regards

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"Towanda Bryant"

<Towanda.Bryant@
Emerick" <Craig_J_Emerick@Raytheon.com>
fcc.gov>

To: "Craig J
cc:

Subject: RE: SES-LIC-20040427-

00593

05/24/2004 09:02

AM

Tnx. T.

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

From: Craig J Emerick [mailto:Craig_J_Emerick@raytheon.com]
Sent: Monday, May 24, 2004 8:32 AM
To: Towanda Bryant
Cc: stephen_e_ellefson@raytheon.com; Steve Hamiel
Subject: RE: SES-LIC-20040427-00593

Towanda,

I received the faxes and will get the information back to you within a couple of hours. Thanks again.

Best Regards

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"Towanda Bryant"

<Towanda.Bryant@
Emerick" <Craig_J_Emerick@raytheon.com>
fcc.gov>

To: "Craig J

cc:

Subject: RE: SES-LIC-20040427-

00593

05/21/2004 02:52

PM

Sorry, I have another one. SES-LIC-20040428-00601. I will fax in a minute.

Tnx. T.

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

From: Craig J Emerick [mailto:Craig_J_Emerick@raytheon.com]
Sent: Friday, May 21, 2004 12:28 PM
To: Towanda Bryant
Cc: stephen_e_ellefson@raytheon.com; Steve Hamiel
Subject: SES-LIC-20040427-00593

Towanda,

I just had to deal with this on a different license application. I resolved these issues with Bill Howden who was very helpful. The problem is, the gentleman who submitted the application put the input EIRP Density. He also put the size of the amplifier used (8 watts), not the amount of power radiating on the dish. The solution is as follows:

- a. Pt should equal 4.09 watts
- b. EIRP should equal 55.32 dBW
- c. EIRP Density should equal 34.25 dBW / 4kHz

I hope this is satisfactory. And again thank you for your patience.

Best Regards

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