

Nimesh Sangani

From: Chris Imlay <chris@imlaylaw.com>
Sent: Thursday, November 29, 2018 4:01 PM
To: Nimesh Sangani
Cc: Anthony Serafini; Leslie Hulser
Subject: Re: WN9XPO, 1810-EX-ST-2018; Correction of ERP in granted STA

Yes, Nimesh. embarassingly, the new STA application that I filed used the ERP of 1.259 kW but I was subsequently informed by the applicant's engineer that it was actually only 486.64 (a TPO of 4 watts times the antenna gain of 23 dB with virtually no transmission line loss). So just now I amended the newly filed application to finally specify the actual, accurate ERP of 486.64. I should have immediately sent you a head's up about this and I apologize for the confusion but the application as it stands now is actually correct.

Thank you for your help with this. I am not always this disorganized!
Best, Chris

On Thu, Nov 29, 2018 at 2:47 PM Nimesh Sangani <Nimesh.Sangani@fcc.gov> wrote:

Chris,

Thank you. I noticed you mentioned in the email below that the ERP is 1.259 kW. I looked at the 1988-EX-ST-2018 STA and the ERP field has a 486.64 W value. Could you please verify this?

V/r,

Nimesh

From: Chris Imlay <chris@imlaylaw.com>
Sent: Wednesday, November 28, 2018 3:42 PM
To: Anthony Serafini <Anthony.Serafini@fcc.gov>
Cc: Leslie Hulser <lhulser@persistentsystems.com>; Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Subject: Re: WN9XPO, 1810-EX-ST-2018; Correction of ERP in granted STA

Tony I have completed, filed and paid for the new STA application as you recommended. File No. 1988-EX-ST-2018. Thanks to you and to Mr. Sangani for the help with this and the good advice. Welcome to the Commission Mr. Sangani. There are great people there who I have enjoyed working with for the past 40 years.

Kind regards, Chris

On Wed, Nov 28, 2018 at 10:48 AM Anthony Serafini <Anthony.Serafini@fcc.gov> wrote:

Hi Chris

The power difference is not trivial so it will need to go back to NTIA for coordination. Especially since it is on a base.

Go ahead and file a new STA using the previous one as a template. Specify in the text that it is for the same purpose but the power is revised. NTIA will still need their coordination time but luckily we are much better on our backlog so we can send this out when you file. Nimesh is our new engineer in the branch and will be the one to pick it up.

Regards,

Tony

From: Chris Imlay <chris@imlaylaw.com>

Sent: Tuesday, November 27, 2018 12:40 PM

To: Anthony Serafini <Anthony.Serafini@fcc.gov>

Cc: Leslie Hulser <lhulser@persistentsystems.com>

Subject: WN9XPO, 1810-EX-ST-2018; Correction of ERP in granted STA

Greetings, Tony. I would impose on you once again to ask for advice as to the fastest process of fixing an error in a granted STA. I filed this application October 22 for operation in support of an Air Force contract on behalf of my client, Persistent Systems, LLC and your office very efficiently and quickly granted it two weeks ago, for which I am grateful.

However, apparently due to misinterpretation of information provided to me, I specified an incorrect TPO and ERP. The TPO in the application should have specified 4 watts, not 2 watts and the antenna is a 23 dB gain, C-Band dish. So the ERP shown in the granted STA (4 watts) is substantially in error. The actual ERP is, I am informed, 1.259 kW. There are no other changes required.

My question is how to correct this most expeditiously and with least burden on your staff. It is the hope of Persistent Systems to commence this testing for the Air Force beginning next week. Is there a means of amending a granted STA

or would I have to file a new one. I know that there are modifications for an Experimental License done with the Form 442, but I have never had to modify a granted STA before.

Thanks for any advice you can provide. I will take whatever action your recommend today.

Kind regards, Chris

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