

Subject: Re: Part24 question
Date: Tue, 26 Nov 2002 07:59:00 -0500
From: "Steven Dayhoff" <SDAYHOFF@fcc.gov>
To: <dennis@yosemite.net>

Hi Dennis:

The grant condition typically says the power is measured at the antenna terminal. This refers to the final power to the antenna. Therefore measurement of power after the TX cable and filter is acceptable.

Regards,

Steven Dayhoff
FCC

<<<Dennis Ward 11/25/02 11:42AM >>>

Hi Steve

I have a device for certification that I need an answer on.
The power out to the PA is 50.8dBm. This puts it more than the allowed 100W (about 120W). However, this is not the power delivered to the antenna. The power delivered to the antenna will always be attenuated by the filter and cables of the system from the PA to the antenna. The manuals will speak about 120 watts (+51 dBm) but as mentioned, the extra

power is only to compensate for some of the filter and cable attenuation. In reality the power into the antenna would always be less

than 100 watts because of these losses.

In this situation, can the grant be issued with the measured power delivered to the antenna, or does the FCC insist on power out of the PA. I have noticed on some grants that power to the antenna is listed.

Thanks
Dennis

TEXT.htm Name: TEXT.htm
 Type: Hypertext Markup Language (text/html)
 Encoding: base64
 Description: TEXT.htm

Subject: RE: Dismissal of NT3DAB-C-1819-100
Date: Thu, 31 Oct 2002 16:20:05 -0600
From: tom.tidwell@nemkona.com
To: dward@atcb.com

Dennis,

I have uploaded a new form 731 and a revised test report which should add clarity. The manuals will speak about 120 watts (+51 dBm) but as mentioned in the report, the extra power is only to compensate for some of the filter and cable attenuation. In reality the power into the antenna would always be less than 100 watts because of these losses.

Tom

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

From: Dennis Ward [mailto:dennis@yosemite.net]
Sent: Thursday, October 31, 2002 2:25 PM
To: Tom Tidwell
Subject: Re: Dismissal of NT3DAB-C-1819-100

HI Tom

Let me know when you have uploaded the new 731 and confirmation that all items

have been addressed.

thanks

Dennis

Dennis Ward wrote: