

Subject: Re: CBFMDR-173 request for information
Date: Wed, 07 Aug 2002 09:48:39 -0700
From: Dennis Ward <dennis@yosemite.net>
Organization: dt Associates
To: Bhaghtalab@aol.com

Thanks Brian

However, please note that while the frequency is now appropriate, the resolution bandwidth settings used for spurious emissions testing are not in accordance with TIA 603. Your data show the res bandwidth to be 1 kHz. 603 states that the res bandwidth for spurious emissions measurements below 1 GHZ is to be 10kHz. The video bandwidth for conducted spurious is to be at least 3 times the resolution BW and for Radiated is to be 300kHz below 1 GHz.. See 2.2.13 and 2.2.12 of TIA603. Please provide data in accordance with EIA/TIA 603.

Also, please note that while the limit is 120mW, the power on the grant is to be that which is measured at the antenna terminal. In spite of the statement that the device is 20dBm (100mW) the measurement (plot) shows that it is 0.2dBm (1mW) but does not show the inclusion of the 20dB attenuator you mention. Can you please verify that the actual power measured was 20.2dBm and not 0.2dBm?. If this is the case, this would make the power 104mW, not 100mW.

Thanks
Dennis
dward@american tcb.com

Bhaghtalab@aol.com wrote:

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> Dear Dennis:  
>  
> I did upload the requested info last Friday. Please let me know if there  
> were any problems receiving them.  
>  
> Best regards,  
>  
> Brian
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