

**WorldClient™**

From: "" <mhenkoski@msn.com> 

To: kyle@celectronics.com

Date: 02/27/2003 07:27 AM

Subject: Re: The low power transmitter has been granted

Kyle,

Please disregard the response I sent you last night. I examined the information I sent you in the 2.4THP-90 General Description file and found the 8M0F3F to be correct for the unit tested. The Carson rule justification is as follows:

$2M+2D$ =Necessary Bandwidth, where M = highest modulation frequency and D = peak deviation.

Highest modulation frequency = 2.5 mHz

Peak deviation = 1.5 mHz

$2 \times 2.5 + 2 \times 1.5 = 8\text{mHz}$

Modulation type is Frequency modulation, one analog channel Television = F3F

Emission designator is: 8M0F3F

The low power 50mW version just granted is different, the highest modulation frequency is 4 mHz with the peak deviation at 4 mHz. 16M0F3F is corrcet for that unit.

>Question #1: The emission designator listed on TCB application form is
>16M0F3F. General Description file listed the emission designator as
>8M0F3F. Section 8 of test report provided emission designator as 16M0F3F
>with Carson rule justification. Please verify the emission designator
>and provide revised Carson rule justification as necessary.

>

>I'm not sure if the General description file is just incorrect or if this
>unit is really 8M0F3F and we need to rexplain how that is obtained.

Thanks,

Mike Henkoski

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