

**From:** Pete Krebill  
**Sent:** Tuesday, August 28, 2001 1:58 PM  
**To:** Barbara Judge  
**Cc:** Thu Tran; Anne Liang  
**Subject:** FW: FCC ID's: GAFFRS14K (Columbia Telecommunications Group) & OL4APT129210619 (Artprotech)

Barbara,

Response to question 1. Thu will be providing the revised users manual with the necessary exposure statement.

Response to question 2. Necessary bandwidth = 9.02KHz, Emission designator = 9K02F3E. Calculation:  $2M + 2DK$ ,  $M = 2.6KHz$ ,  $D = 1.91KHz$ ,  $K = 1$ .

Response to question 3. Measured less than 3 seconds. Page 4 section 7. of the product specification has been amended to state that the tone alert will last for 3 seconds.

Regards,  
Pete Krebill

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

**From:** Thu Tran  
**Sent:** Monday, August 27, 2001 7:18 PM  
**To:** Pete Krebill  
**Subject:** FW: FCC ID's: GAFFRS14K (Columbia Telecommunications Group) & OL4APT129210619 (Artprotech)

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

**From:** Barbara Judge  
**Sent:** Monday, August 27, 2001 6:22 PM  
**To:** Steve Cheng; Thu Tran  
**Cc:** Mike Kuo  
**Subject:** FCC ID's: GAFFRS14K (Columbia Telecommunications Group) & OL4APT129210619 (Artprotech)

Thank you for your recent applications for equipment authorization. The following issues must be addressed before processing can continue.

1. Please provide a Users Manual with the required FCC statements. It must also have a "Caution Statement" to alert users that specific conditions are necessary to satisfy the FCC RF Exposure warning requirements. Suggested wording:

**CAUTION:**

\* To maintain compliance with the FCC's RF exposure guidelines, hold the transmitter and antenna at least 2 inches (5 cm) from your face, and speak in a normal voice. Point the antenna up and away from your face.

\* Use only the supplied antenna. Unauthorized antennas, modifications, or attachments may damage the transmitter and any changes or modifications not expressly approved by the party responsible for the compliance could void the user's authority to operate the device.

2. Please provide necessary bandwidth information by using Carson's rule ( $2M+2D$ ).

3. The Product Description indicates that the device may be set to generate a Call Alert Tone. Per 95.193(b) The FRS unit may transmit tones to make contact or to continue communications with a particular FRS unit. If the tone is audible (more than 300Hz), it must last no longer than 15 seconds at one time. Please provide evidence that the tone lasts less than 15 seconds

or that it is subaudible (300Hz or less).

Please provide the above detailed items so that processing on your application may proceed.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

*Best Regards,*

**Barbara**

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*Barbara L. Judge*  
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