

>Date: Fri, 09 Jul 1999 13:17:05 -0400  
>From: Frank Coperich <[FCOPERIC@fcc.gov](mailto:FCOPERIC@fcc.gov)>  
>Subject: IM tests -Reply  
>To: [kcarr@ktlcanada.com](mailto:kcarr@ktlcanada.com)  
>Cc: [howardg@ats-forest.com](mailto:howardg@ats-forest.com), [rgrant@ktlcanada.com](mailto:rgrant@ktlcanada.com),  
> "[INTERNET:tgrant](mailto:INTERNET:tgrant@ktlcanada.com)"@ktlcanada.com  
>X-Mailer: Novell GroupWise 5.2  
>  
>This is second attempt at E-Mail - original returned by system.  
>  
>  
>>>> "Frank Coperich" <[FCOPERIC@fcc.gov](mailto:FCOPERIC@fcc.gov)> 07/09/99 11:24am >>>  
>As a point of clarification, all (IM) emissions outside the frequency  
blocks need to be reported. For CDMA, for example, they will probably be  
more than 1 MHz away from the block edge.  
>  
>Note that for Part 24(E), emissions less than 1 Mhz away from the block  
edge may be measured using a resolution bandwidth that is 1 % of the  
emission bandwidth.  
>  
>Note that for Part 22, the resolution bandwidth specified in the Rules is  
30 kHz.  
>  
>>>> kevin carr <[kcarr@ktlcanada.com](mailto:kcarr@ktlcanada.com)> 07/09/99 10:02am >>>  
>Frank,  
>  
>This is a follow up E-mail regarding our previous conference call on July  
>8/99 regarding measurement of intermodulation products pertaining to part 22  
>and part 24. If I understand correctly, with regards to digital modulation  
>(CDMA, GSM, TDMA..) for both part 22 and part 24, only emission products  
>out side of the licensee's block are to be considered for part 24 (24.238)  
>and part 22. To complete this measurement using the two signal method. Two  
>signals are placed within the licensee's block in the vacinity of, lets say  
>the lower lower edge (and again at the high edge). The intermodulation  
>products outside of the block, more then 1 MHZ away from the applicable  
>edge and with a RBW of no less then 1MHZ is the emissions to report. The  
>intermodulation products produced within the licensee's block are to be  
>ignored (this pertains only to digital modulations such as CDMA, TDMA,  
>GSM... only). Only Amps ( FM analogue) used for part 22 devices are  
>measured for in-block and out-of-block, intermodulation emissions. Could  
>you, at you earliest convenience please respond by E-mail, and let me know  
>if this is correct or not, as to, the Fcc intermodulation emissions  
>requirments for parts 22 and 24. Thank you in advance for your efforts.  
>  
>Regards,  
>  
>Kevin Carr  
>  
>  
>  
>