



**4\_MITSU\_0101\_BT**

FCC  
Federal Communication Commission

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05. November 2001  
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***Processing gain - FCC-ID: POOWML-C07***

Dear Application Examiner,

the Mitsumi module WML-C07 uses a CSR (Cambridge Silicon Radio) chipset.

CSR has agreed with the FCC that all their customers do not have to perform the processing gain measurements again. On page 2 you will find a copy of the email by Joe Dichoso. Exhibit T is the processing gain report of the Intel filing using the same CSR chipset.

Best Regards

7layers AG

Subject: Re: Bluetooth, Re: DA 00-705  
Date: Fri, 07 Jul 2000 09:23:50 -0400  
From: Joe Dichoso <JDICHOSO@fcc.gov>  
To: paf@cambridgesiliconradio.com  
CC: Andrew Leimer <ALEIMER@fcc.gov>, Diane Poole  
<DPOOLE@fcc.gov>, Errol Chang <ECHANG@fcc.gov>, Frank Coperich  
<FCOPERIC@fcc.gov>, George Tannahill <GTANNAHI@fcc.gov>, Joe Dichoso  
<JDICHOSO@fcc.gov>, Katie Hawkins <KHAWKINS@fcc.gov>, Rich Fabina  
<RFABINA@fcc.gov>

Dear Mr. Flittner,  
Sorry for the delayed response but I've been waiting for the first  
Bluetooth grant. The FCC identifier is FCC ID: CGK8001001. You can  
view the filing on our web site at [www.fcc.gov/oet/fccid/](http://www.fcc.gov/oet/fccid/)

The processing gain measurement procedure and results that have been  
approved can be viewed. This should answer your questions with regard  
to Processing gain.

If you are using the exact bluetooth chip in your product, the  
processing gain can be copied and no testing is required. Processing  
gain measurements can be made at your facilities. The Procedure, data  
and test configuration must be submitted.

The maximum system loss of up to 2 dB is assumed. We do not allow  
anything above this value.

>>> Peter Flittner <paf@cambridgesiliconradio.com> 06/27/00 09:41AM >>>

If you want a definitive answer you could always email FCC yourself. All  
email correspondence is public so if you look hard enough you will find  
my email and the above answer. Note the part that says "if you are using  
the same chip" which will be the case for our customers once we have  
passed our chip.

I enclose a draft copy of our test PG test results. You can SHOW this to  
our mutual customers to give them confidence that this has been done and  
passed. If you find any errors in it let me know. Please do not give any  
electronic copies to our customers. If they want it tell them to ask me.  
The reason is that I need to put this into a formal test report style,  
and I must describe the test method, not just refer to the Ericsson test  
method! There is about one day of work there for me and I have put it  
off because I was waiting for your FCC test report. If that comes on  
Monday then I have no more excuse for not completing the PG test report.

I think we have some special software that reports packet error rate. If  
I say that you cannot have it then that is a good excuse for you not to  
have to do this test! Tell our mutual customers to ask me about it.

Thanks for chasing my reports (I think that should be Carsten's job!)

Regards,  
Peter