Hi Suresh,

I have addressed the items you mentioned below…

1) I changed the 731 form to match the ERP and EIRP values as well as the frequency tolerances in the report. A new 731 form is attached to this email

2) The MPE miscalculation was incorrect in a couple different ways… It should have been calculated using 3061mW as the ERP, not 5023mW. I am not sure where the 5023 came from. At any rate I have included a new MPE exhibit which should now be correct.

3) I added the test distance to page 30 of the report as you suggested.

4) I added the following statement to the transmitter spurious emissions results on page 24: *"All emissions not reported are at least 10dB below the limit."*

Best regards,

Bryan

-----Original Message-----
From: Suresh Kondapalli ES-MPK
Sent: Wednesday, October 24, 2007 10:24 PM
To: Bryan Taylor ES-LEX
Cc: Terre Wolak Intertek
Subject: FCC ID: MTFTG5112597

 Hi Bryan,

The following are my observations on TCB application with the FCC ID: MTFTG5112597

1) Power levels and frequency tolerance as mentioned in the Form 731 do not match measured power levels and frequency tolerance in the test report. Please correct. Form 731 should indicate ERP for part 22 and EIRP for part 24.

2) MPE document, see Para 1.2
                    Power Spectral density calculated is wrong, it should be 0.99 instead of 0.6mw/sqcm

              For GSM radio, it is 0.99/8   = 0.123

        This should be compared with the limit 824.2/1500= 0.54mw/sqcm

3) The test distance for the spurious emissions measurement. (Page 30 of the test report) should shown on the same page.

4)   For transmitter spurious emissions, please provide statement like
      << OLE Object: Picture (Enhanced Metafile) >>

Thanks,
Suresh Kondapalli
 EMC Team Leader
 Phone: 650-463-2928
Fax : 650-463-2910
Suresh.kondapalli@intertek.com

Hi Suresh,

I have attached an email from the client stating that the device does not transmit audio or voice. Please let me know if this is acceptable.

Many thanks,

No Audio
Statement.txt (8 KB)

Bryan

W: FCC ID: MTFTG5112597From: Matthew McKiernan [mmckiernan@telular.com]
Sent: Friday, October 26, 2007 10:41 AM
To: Bryan Taylor ES-LEX
Cc: Leslie Mishrell
Subject: RE: FCC ID: MTFTG5112597

Bryan- Our Telguard product submitted for FCC Part 15/22/24 testing does not transmit audio. It is a data only device. Our product encodes alarm data into SMS (Short Messaging System) Protocol and transmits to the local digital cellular network provider. Our product does not have voice capability.

Please let me know ASAP if this will meet your needs. If you need a formal letter, it will have to wait until next week sometime. We are shutting down servers and phones here today at 1:00 PM.

Best regards,

Matt

Matt / Leslie,

Per the reviewers email below, could you send me a statement which says "this unit does not transmit audio" or something to that effect? I believe that would wrap this up and he could then issue the grant.

Many thanks,

Bryan

-----Original Message-----
From: Suresh Kondapalli ES-MPK
Sent: Thursday, October 25, 2007 1:39 PM
To: Bryan Taylor ES-LEX
Subject: RE: FCC ID: MTFTG5112597

Hi Bryan,

 Thanks for quick response. One more question.
The Block Diagram enclosed by the client shows audio interface. We know that Equipment under certification does not use audio and you did not test it as audio device. We need a statement from client "This unit is does not transmit audio" or audio interface part not used.
Or
The Block diagram enclosed is from Wavecom. Client can replace this with his own modified block diagram showing only functional blocks actually used by him.

Thanks,
Suresh