

Dear Bill,

Thank you for your notice and suggestion.

About your questions,

- 1.) Please provide FRN number on this Application. It appears that you may be using an obsolete form. If you recently obtained it from our website – our apologies. Always provide FRN for any Application on the 731 form.

QTK: It's ok for you, please see the attachment file!

- 2.) Your Confidentiality Request letter lists only the Schematics and not Block Diagram. If this is satisfactory, no further action on your part is necessary. If this is an oversight, please upload revised Confidentiality Request letter.

QTK: It's ok for you, please see the attachment file!

- 3.) Please provide an Agent Authorization letter between Quietek and Ambit Microsystems.

QTK: It's ok for you, please see the attachment file!

- 4.) Please provide a DTS request letter. This is needed because the final rulemaking for Digital Transmission Systems is still pending.

QTK: Thank you for your suggestion. Now, we modify the 731 form. (Sorry for typing error.)

- 5.) The RF Exposure Evaluation is included in the body of the Test Report, and not broken out to a separate exhibit as required by FCC. Please provide RF Exposure evaluation as a separate document and upload this revised Exhibit to the RF Exposure Information section of the Application.

QTK: It's ok for you, please see the attachment file!

- 6.) Please provide letter explaining how this device complies with the Modular Approval requirements of Public Notice DA 00-1407. A copy of this document from the Commission is attached.

QTK:

1:The modular transmitter must have its own RF shielding

The RF portion was shielded in this case.

2:The modular transmitter must have buffered modulation / data input

The integrated circuit was used for the data modulation. The buffer stage was
Implemented in the IC.

3:The modular transmitter must have its own power regulation

EUT power was by DC power supply, not by test fixture direct. And regulation is used as shown in schematic, the part number is XC6204.

4:The modular transmitter must be tested in a stand-alone configuration

We test EUT with test fixture. The PC provided the control signal only in the test. All the EUT is
outside the PC. An extension board was adopted from PC internal slot to outside of pc to
provide a test fixture for the PC.

- 7.) The warning statement in the Manual does not include a prohibition for co-location. Please revise.

QTK: It's ok for you, please see the attachment file!

- 8.) FYI: Section 3.4 of the Test Report. Please note the maximum power for DTS systems is 100mW and not 1Watt.

QTK: It's a DSS device , so max power is 1 Watt is correct.

- 9.) Manual warning statement talks about two antenna configurations: standard and “professionally installed” using a 5.11dBi gain antenna. Please explain how professional installation will be assured for this module by final product integrators.

QTK: The profession means the product's manufacture, not normal users. The users can't change by themselves. Only manufacture can change specifications.

- 10.)The Manual contains two sets of warning statements, one on pp. 36 and the other on pp. 37. Please remove this duplication. However, no mater which one is kept, the prohibition for co-location must be

maintained.
QTK: It's ok for you, please see the attachment file!

11.) The Band Edge test is very close to the limits at 2487.4MHz. Could you please expand on the test methodology used for assuring compliance? Was the equipment tested in three orthogonal planes? Were both antennas tested?

QTK: We are used peak detector (RBW=1MHz VBW RBW) with AVG limit (54 dBuV/m) in band edge measurement. We also had checked that AVG detector was under a lot by limit.

12.) Section 8 of Test Report addresses Processing Gain. Do you wish to approve this as a DTS as stated on Form 731, or as a DSS?

QTK: It's ok for you, please see the attachment file!

Have a Nice Day

Kim Hung
QuieTek Corporation