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Hi Gregory

See embedded replies below and attached photo. Please let me know if you need anything more

Regards

Clem Fisher  
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[www.motorola.com](http://www.motorola.com)

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**From:** PCTEST TCB [mailto:pctesttcb@pctestlab.com]

**Sent:** 21 September 2006 22:01

**Subject:** Questions Regarding FCC ID: QWP494XX

To: Mr. Clem Fisher / Motorola Wireless Point to Point Solutions Group

From: Mr. Gregory Czumak / PCTEST TCB

RE: FCC ID: QWP494XX

Applicant: Orthogon Systems  
Correspondence Reference Number: QWP0569  
Confirmation Number: 1609150569  
Date of Original Email: September 21, 2006

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

1. Please submit the occupied bandwidth measurement plots for each modulation type (the occupied

9/28/2006

bandwidth value(s) is(are) used in the emission designator(s)).

Do not understand - these plots are on P28-40 of the report. They are shown independently for the V/H polarisations but they are basically the same. You should note that the wider bandwidths are on the higher order modulation modes.

2. Please re-submit the photo of the RF board with the shielding removed.

See attached

3. Please confirm that RFI Global Services. Ltd. has been accredited to ISO/IEC 17025, and by whom.

They are accredited by UKAS - see <http://www.rfi-global.com/Accreditations/RFIAccre.html>

4. We note the following typo:p.57/86 of the test report, the measured QP levels should be positive, rather than negative.

I see the problem on P57 - do you need a re-issued report for this?

5. FYI: the spurious radiated emission limit for the EUT, pursuant to Sections 90.210(m) and 2.1053, is 70.2 dBuV/m at 3m, and not the Section 15.209 (or 15.247(d)) limits, neither is Section 15.205 applicable. The EUT is a Part 90 transmitter-the only Part 15 Rules that are applicable are to the digital circuitry.

We did realise that Part15 was not really applicable but I wanted the conducted tests done anyway and we decided with the test house to test to the tighter limits of Part 15.

The items indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,

Gregory Czumak  
Quality Manager  
Senior Certification Engineer

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9/28/2006