



Orthogon  Systems

Date: 22 October 2007

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Subject: External Antenna information in support of Class II Permissive Change

FCC ID:QWP54100
GRANTEE Code : QWP
FRN Number : 0008260564
Rule : FCC Part 15E

Motorola Point to Point Fixed Wireless Solutions Group has requested that the FCC certification above be updated by a Class II permissive Change to reflect that this product now also conforms to the appropriate regulations when operated with external parabolic dish antennas.

Motorola Point to Point Fixed Wireless Solutions Group would like to clarify the radiated emission testing carried out in support of this application. The radiated testing was carried out with a 6ft dish and proved that even with such a high gain antenna, the product still met the radiated emission limits. The conducted Tx Power level set for this test was that applicable to the highest gain 4ft dish from the list of approved antennas, in terms of the allowed EIRP/EIRP Density under FCC 15E. The same Tx power setting used for all the conducted testing. The reason for the apparent anomaly is that the product cannot be guaranteed to meet all the other requirements of the standard if it were to be operated with the much higher gain of a 6ft dish.

We did not have a 4ft dish available at the time of testing but believe that we were clearly demonstrating compliance with the requirements for radiated emissions by testing with the larger antenna and hence higher EIRP setting than that which would be permitted in any deployment.

Yours Sincerely

A handwritten signature in black ink, appearing to read 'Clem Fisher'.

Clem Fisher
RF Development Manager
Motorola Point to Point Fixed Wireless Solutions Group