



**MOTOROLA**

February, 2010

FCC ID: ABZ89FT7635

IC: 109W-5790 Family Certification 5790SM, 5791SM, 5790SM4,  
5791SM4, 5790SM10, 5791SM10, 5790SM20, 5791SM20, 5790SM40,  
5791SM40

**Canopy GEN2 OFDM 5790 Subscriber Module Cover Letter**

Gentlemen:

Motorola is reporting to Elite Electronic Engineering Inc., a Class II permissive change to be filed with the F.C.C. and Industry Canada for the Models 5790SM, 5791SM, 5790SM4, 5791SM4, 5790SM10, 5791SM10, 5790SM20, 5791SM20, 5790SM40, 5791SM40 to be compliant with CFR 47 part 15.247, RSS-210 Issue 7 and RSSGEN.

The change demonstrates the addition of a 15dBi reflector dish antenna for outdoor point-to-point application with our 10dBi integral patch antenna. Additionally, this permissive change demonstrates the addition of a 6dBi Lens director antenna with our 10dBi integral patch antenna for point-to-point application.

The Canopy OFDM system is also capable of QPSK, 16QAM, 64QAM, 256QAM modulation. It further can be configured for 20MHz, 10MHz, or 5MHz Channel bandwidth operation. We had previously filed for 10MHz channel bandwidth with 16QAM, 64QAM, 256QAM modulations.

In conclusion, there is a technical brief on model 5790SM with and without Canopy integral Antennas to show that we are in compliance of part 15.247, RSS-210 Issue 7 and RSSGEN.

Sincerely,  
Steve Payne

A handwritten signature in black ink, appearing to read 'Steve Payne'.

Senior Staff Engineer  
Motorola Inc.