Cover Letter

FCC ID:	Q78-MF28B
Date:	August 3, 2012

Comments	Sporton Lab.
1. The authorized frequencies cover the entire LTE Band 7 uplink which requires paired downlink frequencies at 120 MHz higher than the uplink. However, 2500-2570 MHz channels are allocated to EBS (Educational Broadband Service) per Part 27.5(i)(2) channel plan while some channels in 2620-2690 MHz are designated for BRS applications and not for EBS. These channels include Channels 2, H1, H2 and H3 for a total of 22.5 MHz. The applicant attests that corresponding base stations would be available. Could the applicant elaborate on how this is achieved? If, on the other hand, the plan is to use extended frequency listing to cover unauthorized frequencies, then the procedure in KDB 634817 should be followed. Alternatively, the applicant can attest or show example that the licensee is or will be able to obtain both BRS and EBS licenses for those 22.5 MHz of spectrum.	Sporton lab re-tested at the uplink/downlink paired EBS channels, and the frequency range below is skipped: 2500-2504 / 2620-2624 MHz 2537-2553.5 / 2657-2673.5 MHz Please find attached revised test report "FG251501B_R02_Part27M_ZTE_MF28B_Report (for LTE)". Also find the declaration letter for LTE band that declared by ZTE.
2. Both block diagram and schematics show 5 GHz WiFi operation yet no 5 GHz test data are presented. Since this is a software-controlled feature and has significant implications, please ask the applicant to attest that, if true, the device does not support 5 GHz operation under any circumstance.	Please find attached declaration letter "MF28B_Declaration Letter for 5G."

3. It is not clear from the spectrum analyzer plots on Page 40 (QPSK, RB Size 75) and Page 46 (16 QAM, RB Size 100) whether they meet the < -13 dBm requirement or not. Please clarify. In the future, test report when showing band edge performance should show only the relevant sideband.	We have revised spectrum analyzer plots. Please find attached revised test report "FG251501B_R02_Part27M_ZTE_MF28B_Report (for LTE)".