

# Intertek ETL SEMKO

December 15, 2004  
Roland Gubisch  
Intertek (TCB)  
70 Codman Hill Road  
Boxborough, MA 01719

RE: Class II Permissive Change for FCC ID: MZKBTS4000-1900

Dear Roland Gubisch,

The BTS4000 baseband signal generation is performed by a Digital Signal Processor or DSP. This baseband signal is digitally combined with other baseband signals and then upconverted to the transmit frequency (1930 to 1960 MHz). This signal is then fed to the Multi Carrier High Power Amplifier for transmission over the air. The DSP runs code which is programmed in

FLASH memory on board the BDX transceiver during production. The BTS user does not have access to this code nor can they change this code or any aspects of the modulation except to switch between GMSK and 8PSK modulation (GSM and EDGE respectively).

In this Permissive Change application, only the DSP code has been changed to add EDGE modulation to the previously-certified equipment.

Thank you,



David Schramm

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