

Hytera Communications Corporation Limited

To: Federal Communications Commission
Office of Engineering and Technology Laboratory Division
7435 Oakland Mills Rd.
Columbia MD 21046

From: *Hytera Communications Corporation Limited*
Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, 518057, China

Dear Sir/Madam,

We, *Hytera Communications Corporation Limited* hereby declare that our product:

Digital Repeater, FCC ID: *YAMRD98XSVHFH*

Acknowledge that this device will not be marketed to USA users with the frequency band which is not allowed by rule part 90. and it is a violation of FCC rules if this device is operated on unauthorized frequencies inside the U.S.A.

This equipment meets the requirements of the FCC Rules, Parts 90.203(e), as applicable.

Programming of this products transmit frequencies can be performed ONLY by the manufacturer or by service or by maintenance personal.

The operator can't program transmit frequencies using the equipment's external operation controls. This is to certify that the requirements of 47CFR Part 90.203(j) (4) and(5) spectrum efficiency are met by the Hytera Communications Corporation Limited as demonstrated by the tests con due ted on the sample radio provided.

The tests show that the 4FSK data rate is in accordance with ETS ITS 102361-1, that is 9600 bits per second in al 2.5kHz bandwidth to satisfy the data rate requirement of 4800 bits per second per 6.25 kHz of channel bandwidth(7K30F1D emissions). Additionally the DIGITAL REPEATER uses the AMBE+2half-rate vocoder to compress 60ms of normal bursts are sent in alternate 30ms TDMA slots and so comply with the equivalence of one voice channel per 6.25kHz bandwidth(7K30F1E emissions). Additionally the radio also meets the requirement of one voice channel per 12.5kHz of channel bandwidth for analogue speech(11k0F3E emission).

Sincerely yours,

Print Name: *Tiantian Chen*

Title: *Certification Engineer*

Signature: *Tiantian Chen*

On behalf of Company: *Hytera Communications Corporation Limited*

Telephone: *+86-755-26972999*

E-mail: *tiantian.chen@hytera.com*