



Application Note #5477

2.4 GHz ETSI Compliance

January 7, 2009

For proper ETSI compliance of the Freewave Technologies 2.4GHz radios certain settings must be used to limit the radios capabilities.

```
Comm 1 - HyperTerminal
File Edit View Call Transfer Help
(2) Min Packet Size 9
(3) Xmit Rate 1
(4) RF Data Rate 2
(5) RF Xmit Power 10
(6) Slave Security 1
(7) RTS to CTS 0
(8) Retry Time Out 255
(9) Lowpower Mode 0
(0) High Noise 0
(B) MCU Speed 0
(C) RemoteLED 0
(Esc) Exit to Main Menu

Enter Choice 0
Enter New Frequency Key (0-E) (F for more)f
Hop Table Parameters
(0) Hop Table Version 0
(1) Hop Table Size 80
(2) Hop Freq Offset 0
(3) Frequency Zone 1111111111111111
(4) Government Rules 0
(Esc) Exit to Radio Menu
Enter Choice 4
Enter 0 For FCC,1 For EU 328,2 For EU 440 _
```

To meet ETSI specifications EN 300 328 and EN 300 440, the setting “Government Rules” must be used.

To utilize the “Government Rules” setting:

- Enter the Setup Menu
- Select option 3 “Edit Radio Transmission Characteristics”
- Select option 0 “Freq Key”
- Select F for More options
- Select option 4 for “Government Rules”
- Select appropriate option to comply with all ETSI specifications.

Please contact Freewave Technologies with any questions at the number below.