

October 8, 2009

To: Mr. Carlos Bonilla Carlos.Bonilla@fcc.gov
Federal Communications Commission
Office of Engineering and Technology
Equipment Authorization Branch
Applicant: Redline Communications Inc
FCC ID: QC8-AN80IE
Permissive Change (Form 731): EA582363
Date of Original E-Mail: Sept 14, 2009

Dear Mr. Bonilla,

Thank you for your email dated September 14, 2009 in regards to clarification of the CBP protocol design for the AN-80i.

Q-1. Regarding threshold detection, at what level (busy channel threshold) does this device determine if another system is operating on the spectrum?

A-1. *The threshold level is -64 dBm at the radio input. At the point of antenna, the threshold level equals -64 dBm – antenna gain.*

Q-2. How much variability is provided to the user to adjust busy channel threshold?

A-2. The channel threshold is hard coded in software and no adjustment is provided to the user. The threshold level can be changed at the factory through software if the FCC considers it necessary.

Q-3. What is the operating system threshold (receive threshold) compared to the monitoring threshold (busy channel threshold)?

A-3. The receive threshold is 10-12 dB below the busy channel threshold

Please do not hesitate to contact me if you have any questions.

Sincerely Yours,



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