

From: Steven VanLaningham

To: Hung Le

Date: November 09, 2020

Subject: Request for Info - File # 0922-EX-CN-2020

Message:

Hi Mr. Le,

The radar is a pulsed Frequency Modulated Continuous Wave (FMCW). The CW is chirped or modulated with a linear frequency that increases throughout the pulse, but there is no information encoded by the modulation. The second emissions designator seems to deal with information encoded by modulation, expect for 0 or X, so I chose 0. The radar is just looking for a return of the chirp signal - chirping allows better range resolution on the return signal.

Given the above, do you feel I should change to FXN? I'm comfortable staying with FON as long it sounds good to you.

Thank you,
Steve