

I have reviewed our cover letter and there is no mention of emission designators in our cover letter. I have listed them again as I did in my previous correspondence with you last week.

Emission Designator Justification

Our 800 cellular system is a wideband repeater. It supports CDMA, TDMA, AMPS, and CW.

Per our report, we chose the following:

AMPS: FXW, DXW, G9W

CDMA: F9W, NXW

TDMA: F1D, F9W, DXW, GXW, NXW

For AMPS: We can pass multiple AMPS cellular signals with the possibility of TDMA or CDMA signals being present also.

For CDMA: We can pass multiple CDMA cellular signals with the possibility of AMPS or TDMA signals being present also.

For TDMA: We can pass multiple TDMA cellular signals with the possibility of AMPS or CDMA signals being present also.

So regarding the 1st symbol designators, there appear to be a number of them that apply to each modulation scheme.

Since these designators have been around for years, we can't select a single one to represent each modulation scheme.

We used the same approach when we did the 1900 system that you recently approved; NOO-DAS19-4-X.

I hope this explanation fulfills your request for justification.

I would be interested in hearing what you would recommend as designators for the modulation schemes we have listed above.

Uplink and Downlink Frequency Bands

The frequency bands for ALL modulation schemes are the following:

Uplink: 824-849 MHz

Downlink: 869-894 MHz

Power Output Ratings

The power output ratings for the following modulation schemes and their corresponding emission designators are as follows:

AMPS: FXW, DXW, G9W

Uplink: Simplex; 1.6 uW; Duplex; 50 uW

Downlink: 0.05 W

CDMA: F9W, NXW

Uplink: Simplex; 1.6 uW; Duplex; 50 uW

Downlink: 0.05 W

TDMA: F1D, F9W, DXW, GXW, NXW

Uplink: Simplex; 1.6 uW; Duplex; 50 uW

Downlink: 0.05 W