

Information Needed

Correspondence Reference Number: 12388
731 Confirmation Number: EA96209

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.

Emission Mask and Data on the Same Graph

All necessary data is in the pdf data docs that I've sent you. The mask and data are all on the same graph. This is the same format that was sent to you for the approval of our 1900 MHz system that was recently approved by you.

If you have any further questions, please contact us.