



Nora Karbash <norak@1045wsld.com>

EAS RCVR ISSUE

1 message

RGORJANCE <rgorjance@wi.rr.com>

Mon, Oct 4, 2021 at 7:53 AM

To: "KARBASH, NORA" <norak@1045wsld.com>

Nora:

I am going to hold off coming over today. I want to do some additional research on some notch filters and other receiver ideas for a day or so. I'll touch base by phone as soon as I get some progress.

In the mean time, please save the following information to your Public File in an Engineering folder:

EAS RECEIVER PROBLEMS AT WSLD FM

The station has been experiencing EAS receiver problems due to the great distance the facility is located from the *REQUIRED *Milwaukee, WI LP1/LP2 stations it is required to monitor. Complicating the situation is a recent failure of one receiver used for the monitoring, and the inherent FM receiver overload experienced from the stations co-located 6KW FM antenna. The modern receivers seem to have very poor rejection to this situation. Coupled with the poor signal from the Milwaukee area am LP-2 station, and the noise from a high power 3 phase major power line service within 50-75 feet from the studio, AM receive issues are also extremely difficult to overcome. We continue to try to overcome these problems.

Currently, we do have good signal from the Delafield, WI LP-1, the regional Weather Bureau and the internet feed is also operational. LP-2 is the main problem.

Research is ongoing to overcome these problems.

Bob Gorjance

Contract Engineer

10-4-21