

September 8th 2026 22:30 local time

KWN60 162.5250 is the monitored source for NOAA WX with a service on the Carlton Tower approximately 20 miles east of downtown Lamar. Several SVR messages were not aired and an immediate phone call into KPUX confirmed they had aired the messages.

Further troubleshooting yielded what sounded like off frequency chatter with two male voices, with a southern accents, discussing the wet road conditions, the heavy down pour of rain, and if traffic enforcement was present. The conversation appeared to be two different sources and the signal strength varied, about 3dB ~ 6dB between them. The stronger of the two signals had excessive background noise, like alternator whine which would change in pitch, as if the source was accelerating from a stopped position at one of the two traffic lights south of Chestnut and Highway 287. (Cedar, and the one at Savage Boulevard)

Using the HP8591A and the “Arrow handheld VHF/UHF beam” showed the signal peaked as it was pointed south down Highway 287 at Chestnut Street, three blocks east of the receiver site used by the KRHJ-FM studio (Chestnut and Seventh).

The RF spectrum analyzer showed the carrier to be centered closer towards 162.5125, or about 12.5KHz below the KWN60 162.5250 “weather channel 6” assignment for the local area. Over an observed period of 15 minutes the 162.5125 conversation started to fade below the threshold of the spectrum analyzer & the weather receiver, allowing them to be recaptured by the intended KWN60 signal at the Carlton Tower site.