



# Nacogdoches County

**JOE ENGLISH**

County Judge

Commissioners  
Jerry Don Williamson, Pct. 1  
Charles "Kilowatt" Thomson, Pct. 2

Shannon L. Burkley  
Court Assistant

Commissioners  
Jim Elder, Pct. 3  
Elton Milstead, Jr., Pct. 4

## Press Release

February 05, 2013



Photo provided by Commissioner Charles "Kilowatt" Thomson

## Radio Towers

As the Commissioners Court continues to update and improve the radio and communications for the Emergency and Law Enforcement services in the community, Phil McDaniel of Tower Specialist Company relocated antennas on the main tower site.

EF Johnson recently discovered a receiver desense issue at the main tower. This issue is causing our transmission, especially on portables, not to be received by Dispatch. The transmit and receive antennas are too close together on the main tower which is causing an interference between the two.

*Receiver desense and transmitter noise generally go hand in hand. If you have one, it is likely that you will have the other. Receiver desense is caused by a strong off-frequency signal that is swamping or overloading the receiver, usually in the front end. Such a strong signal will cause the receiver to become practically non-functional. In such a condition, the receiver can hardly respond to any weak signals.*



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