

DigiRadio2 (DR2) Tuning

Attestation from Digital Control:

Currently we do not do any tuning of the DigiRadio2 module, model DR2. The DR2 relies on the host device to program the specific carrier frequency. We verify its functionality by making sure we can pick up the transmitted signal using a receiver tuned to the same frequency. While there are provisions in the Si4464 to adjust the Load Capacitance and Frequency Offset of the Local Oscillator, the DR2 uses a high precision Temperature Compensated Crystal Oscillator (TCXO) that does not require fine-tuning.

Default values are hardcoded into the DigiRadio2 firmware and cannot be changed by the host device. Basically, the radio either works or it doesn't.