

2.7 System Configurations

The CodeRunner allows several antenna configurations for transmitting with either an OmniPole or directional antenna, in either single-band or dual-band operation.

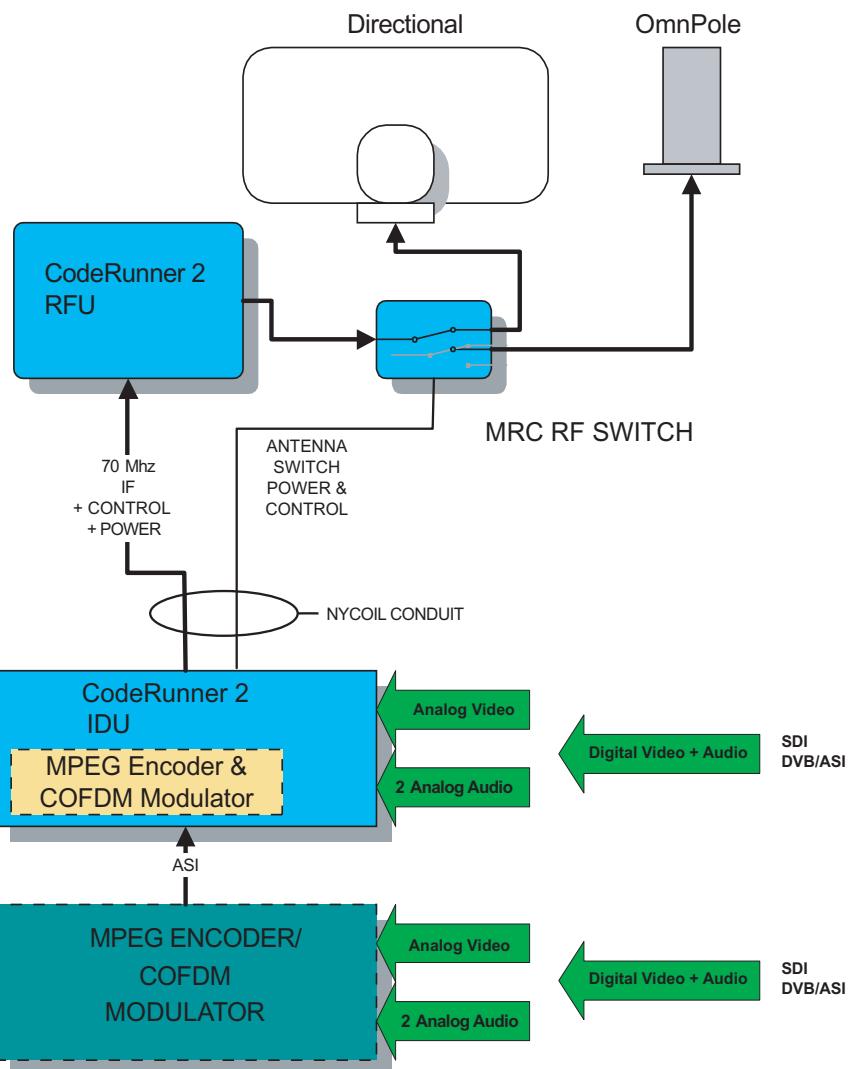
2.7.1 Single Band/Dual Antenna Configuration

Figure 2-6 shows the antenna configuration for single-band transmitting using one Indoor Unit with one RF Unit.

The RFU could be operating on the 2 GHz, 7 GHz, or 13 GHz bands.

In addition, an RF Switch allows switching between an OmniPole and a directional antenna.

Figure 2-5: Single Band Operation with 2 Antennas



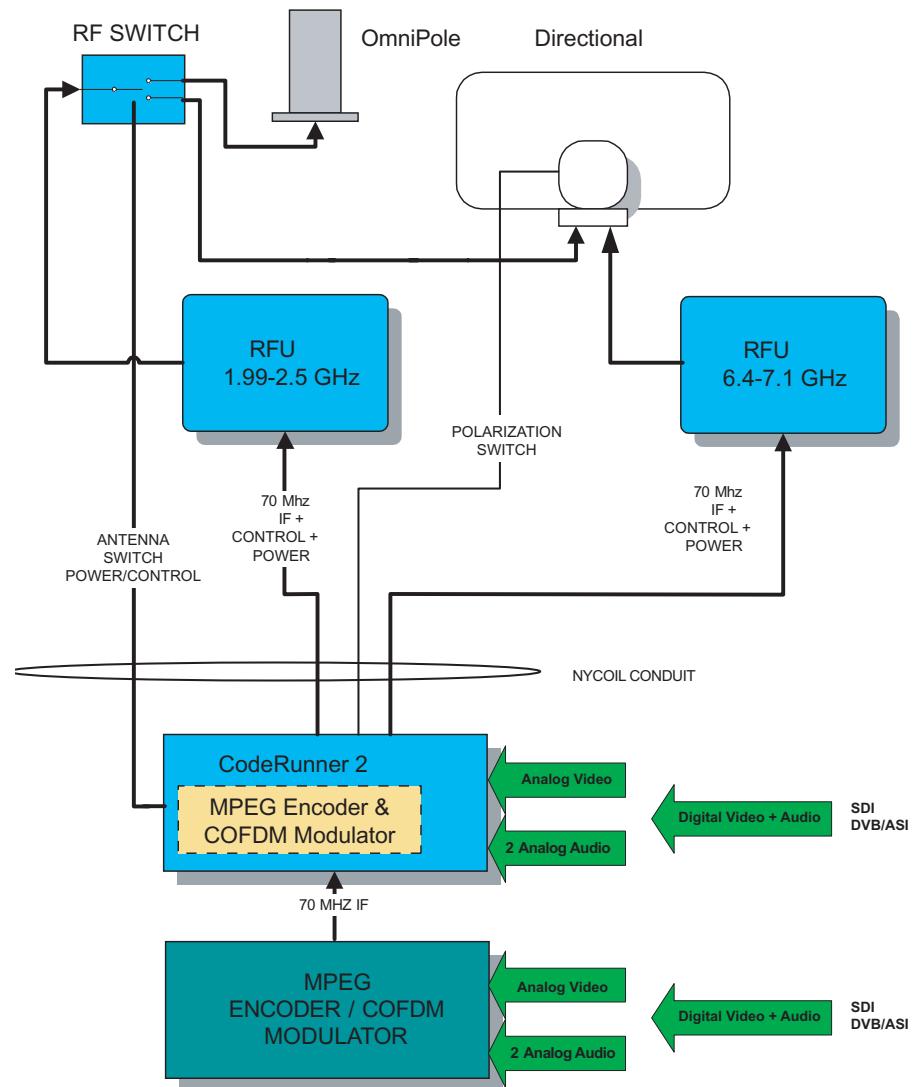
2.7.2 Dual Band Non-Simultaneous Transmitting

Figure 2-6 shows the antenna configuration for non-simultaneous transmitting using one Indoor Unit with two RF Units.

In this example the RFUs are operating on 2 GHz and 7 GHz bands, but the 13 GHz band is also available as one of the two bands.

In addition, an RF Switch allows switching one of the RF Units between an OmniPole and a directional antenna.

Figure 2-6: Dual Band, Non-Simultaneous Operation



2.7.3 Dual Band Simultaneous Transmitting

Figure 2-7 shows the antenna configuration for simultaneous transmitting using two Indoor Units with two RF Units.

In this example the RFUs are operating on 2 GHz and 7 GHz bands, but the 13 GHz band is also available as one of the two bands.

In addition, an RF Switch allows switching one of the RF Units between an OmniPole and a directional antenna.

Figure 2-7: Dual Band Simultaneous Operation

