

20MHz
Crystal

SOC/Radio

Chain0

Direct
Conversion

LO=2/3 TX
Frequency

2400-2484MHz

LNA

BPF

RX

SPDT

ANT0

2400-2484MHz

2400-2484MHz

PA

LPF

TX

Chain1

Direct
Conversion

LO=2/3 TX
Frequency

2400-2484MHz

LNA

BPF

RX

SPDT

ANT1

2400-2484MHz

2400-2484MHz

PA

LPF

TX

5111NV Radio Block Diagram