(a) LNA Testing Setup

VNA
-30dBm

180° Power Splitter

LNA

RF+DC

RF

Bias T

5V DC

Legend

Coax (SMA to SMA)

Unshielded cable

Arrows show RF direction

(b) Beamformer Testing Setup

VNA
-30dBm

A,B,C,…,P
Beamformer

RF+data

Receiver Board

48V DC

RF