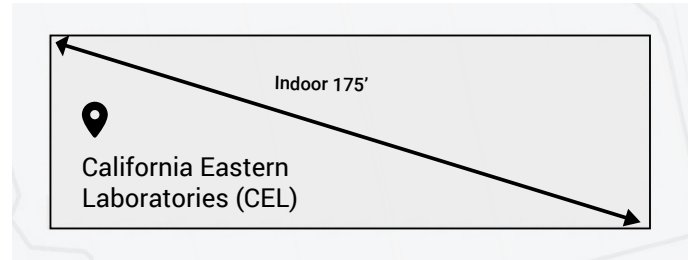


Radio used in testing: CMP535-1

- ✓ BT5.0
- ✓ Tx: +20dBm
- ✓ Rx Sensitivity: -97dBm
- ✓ Antenna Tx/Rx: -1 dBm
- ✓ On-board PCB trace antenna



Indoor NLOS Field Testing Illustration



How we tested

CEL performed outdoor LOS and indoor NLOS field testing on 3 different channels at both 1Mbps and 2Mbps. In every test, we sent ~25,000 packets from CMP535(Tx), and captured the number of packets received by CMP535(Rx). The results are presented in the % of packets received.

Harsh Environment

- Labs space, Industrial Warehouse, Offices, Conference Rooms
- 6-8 walls
- Equipment
- Objects
- Multiple Wireless Networks

FIELD RANGE TEST RESULTS

Ch 0, Ch 18, Ch 30

# Packets Received	1Mbps	2Mbps
Outdoors at 2,984' LOS':		
# Packets Received	1Mbps	2Mbps
Indoors at 175' NLOS':		



Outdoor LOS Field Test Illustration

