

ARTEN Testing 8 June 2021

measurements made using AREDN firmware "CHART" function real-time signal measurement

Test 1. Ubiquiti M2 directional antenna A at car to Ubiquiti M2 directional antenna B in pavilion; vertical polarization

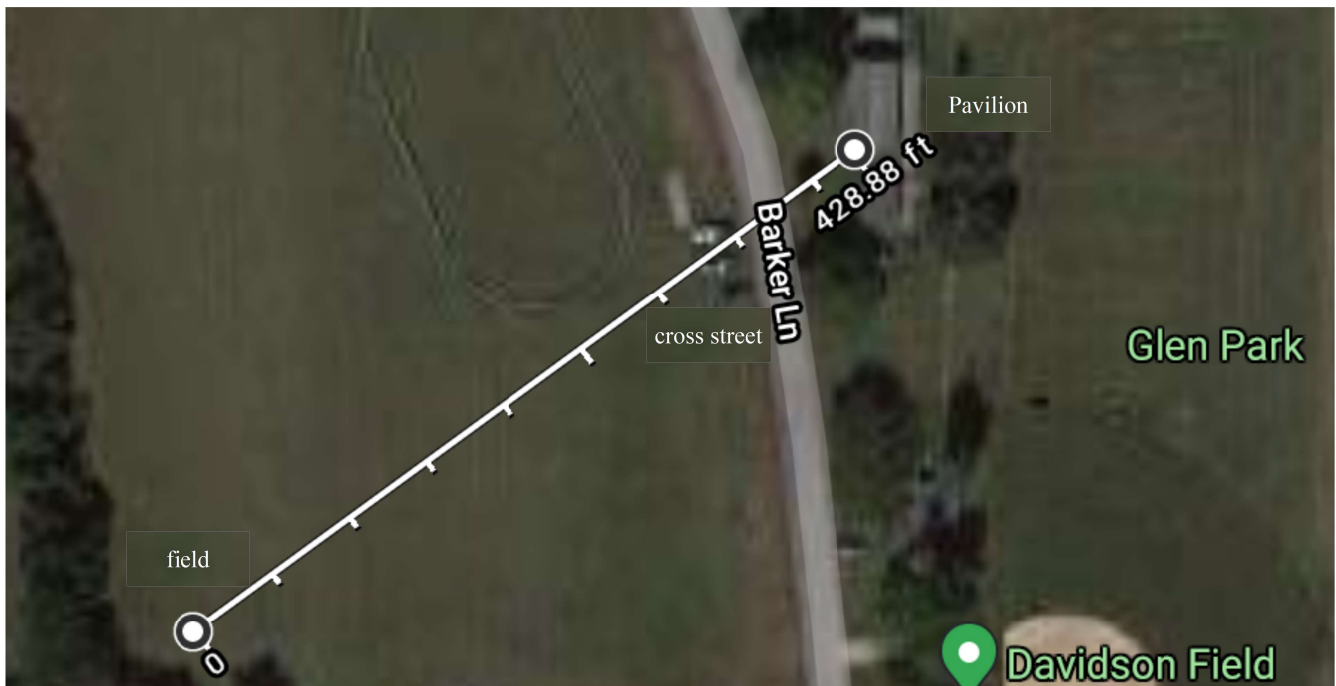
-37dBm received at pavilion from cross street (approx. 60 feet)

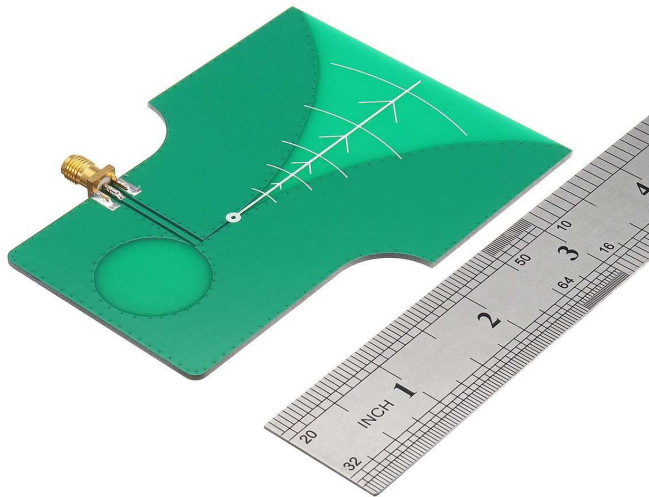
-59dBm received at pavilion from field (approx. 400 feet)

Test 2. Ubiquiti M2 directional antenna A at car on pole cross street only (approx. 60 feet) to:

-34dBm Ubiquiti Bullet M2 w/ directional antenna B in pavilion

-52dBm GLiNet GL-AR150-ext w/ factory omni antenna in pavilion

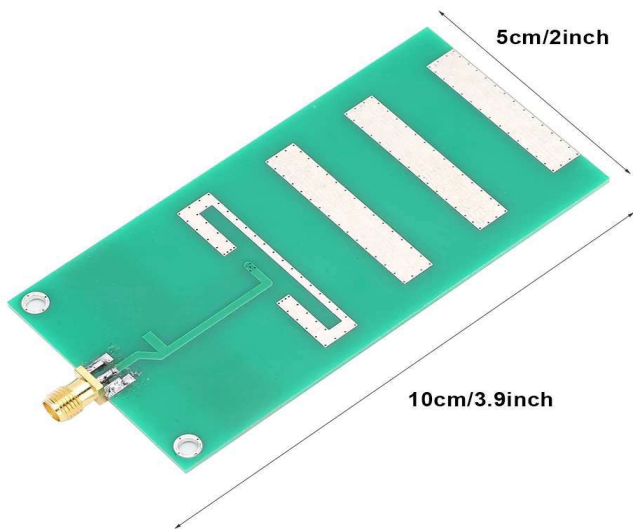




Antenna indicators:

Frequency range: 2.4GHz-10.5GHz
 Dimensions: 100mm*85mm
 Polarization mode: linear polarization
 Rated gain: 7dBi
 Return loss: 10dB
 Power capacity: 8W
 Interface form: SMA female head (outer screw inner hole)

Antenna A: 2 to 10 GHz Directional High Gain Wideband TEM Antenna



Feature:

1. Image transmission antenna, fast transmission speed.
2. High gain, gain up to 10.5dB.
3. Power 10W, directional transmission.
4. Lightweight and practical, easy to install and use.
5. Professional manufacturing, stable performance and high reliability.

Specification:

Condition: 100% brand new
 Item type: Video Transmission Antenna
 Material: for PCB
 Color: As picture shown
 Weight: Approx. 19g
 Working frequency: 2.35-2.55GHZ
 Antenna gain: 10.5dB (typical value)
 Antenna SWR: <2
 Power capacity: 10W

Antenna B: 2.4G WiFi Directional Video Transmission Antenna

