

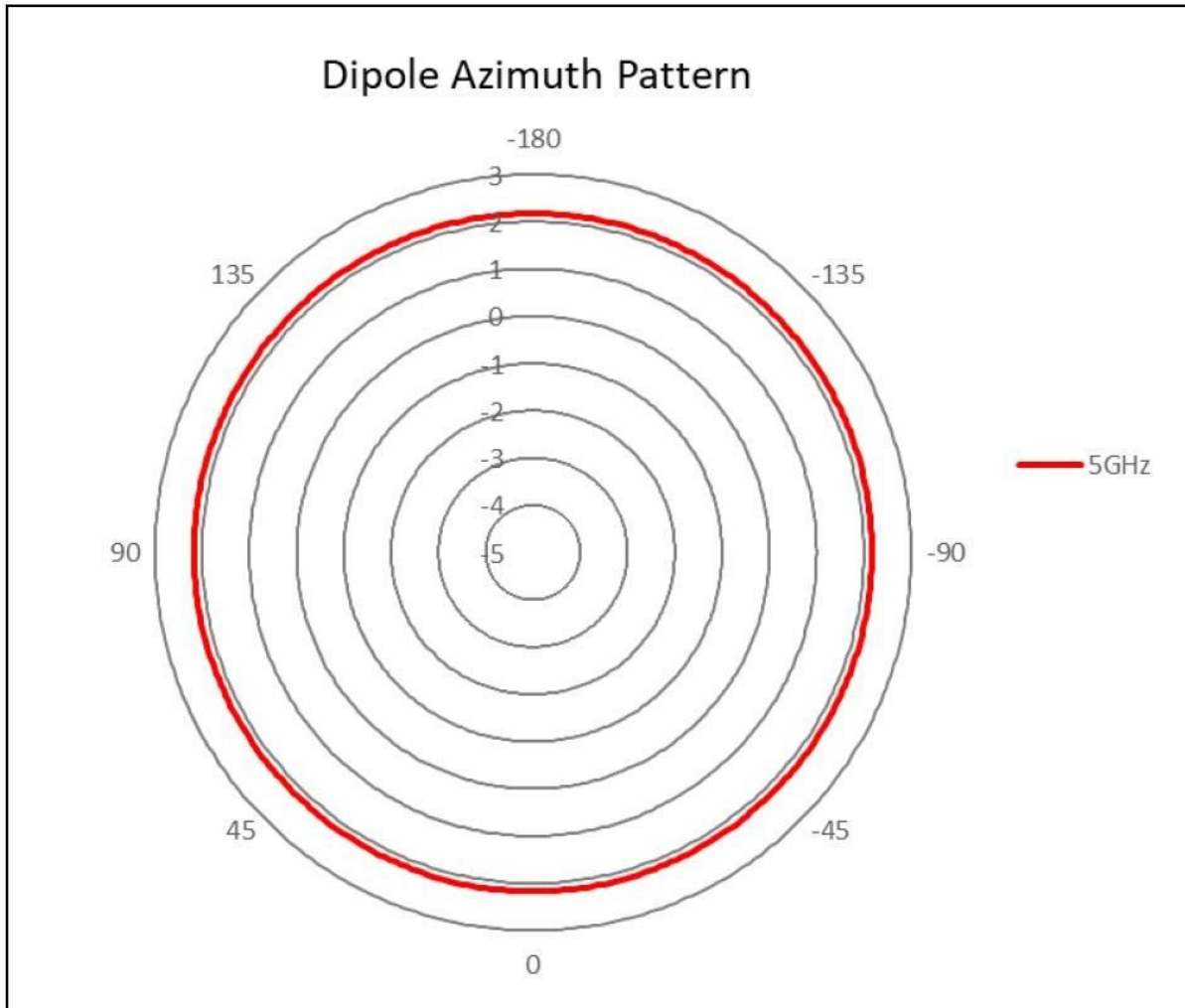
2 dBi Dipole Antenna

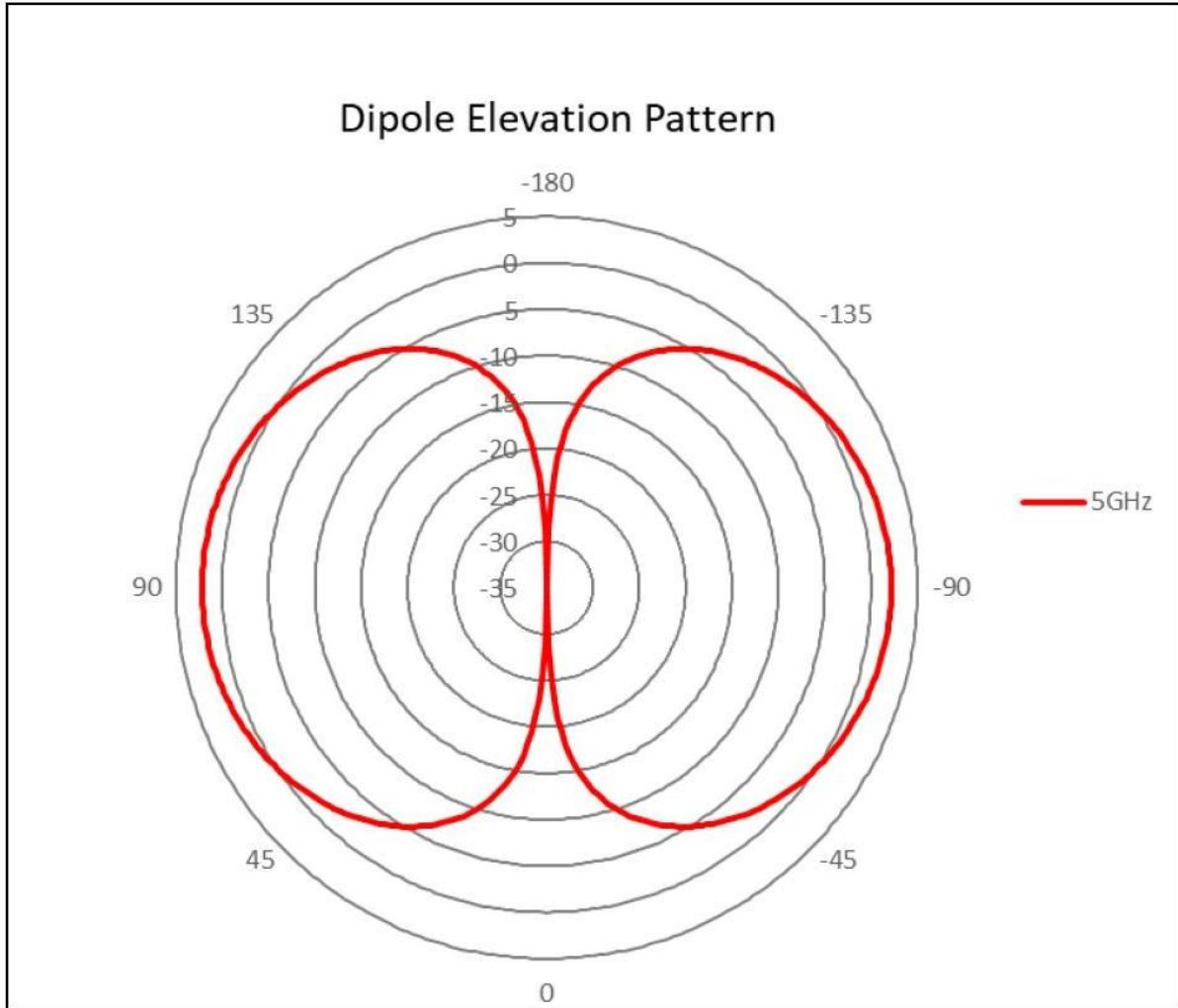
Gain Chart

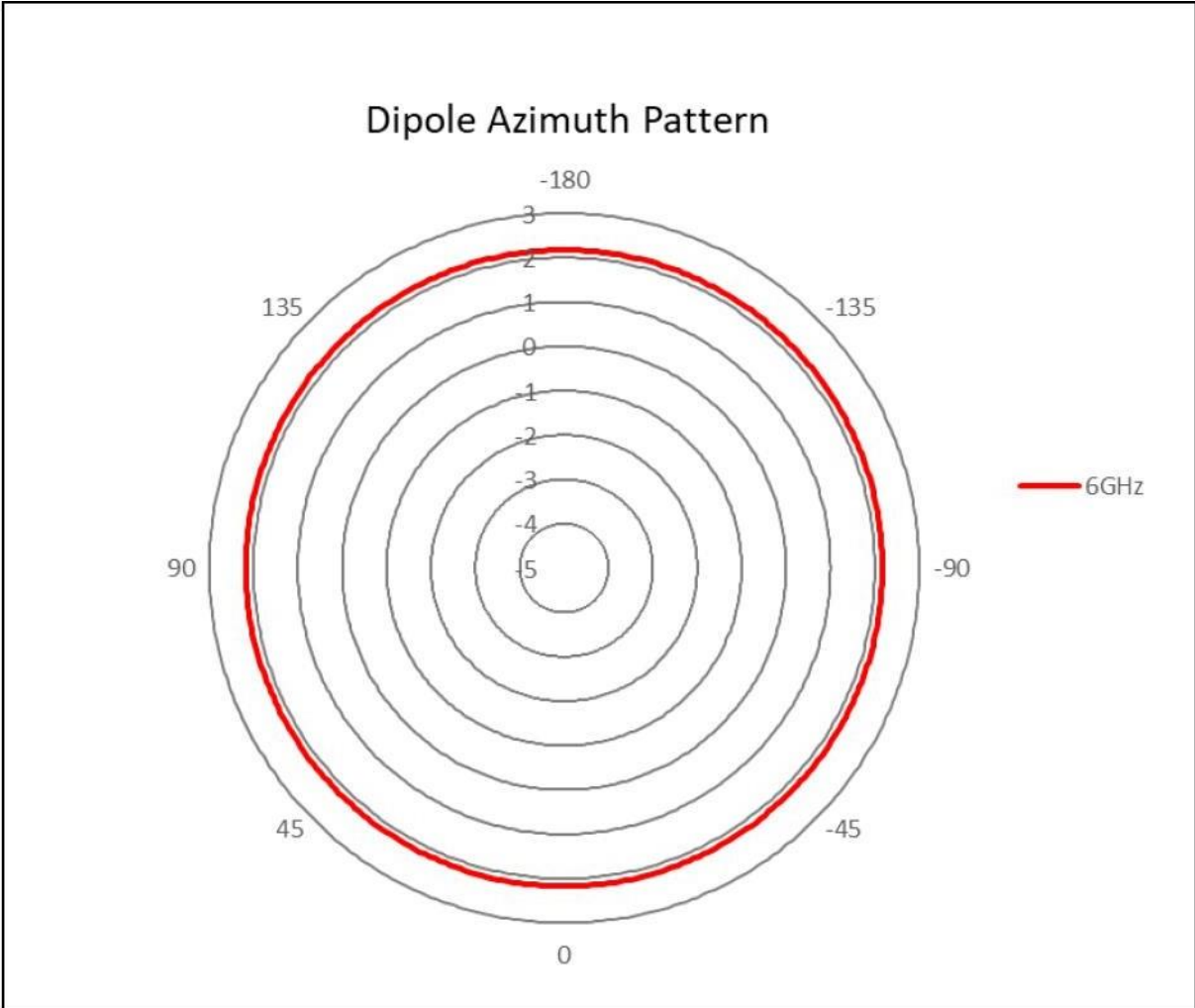
5GHz Dipole Antenna Gain Summary			
Frequency	5.15 GHz	5.5 GHz	5.85 GHz
Peak Gain	2.0 dBi	2.0 dBi	2.0 dBi

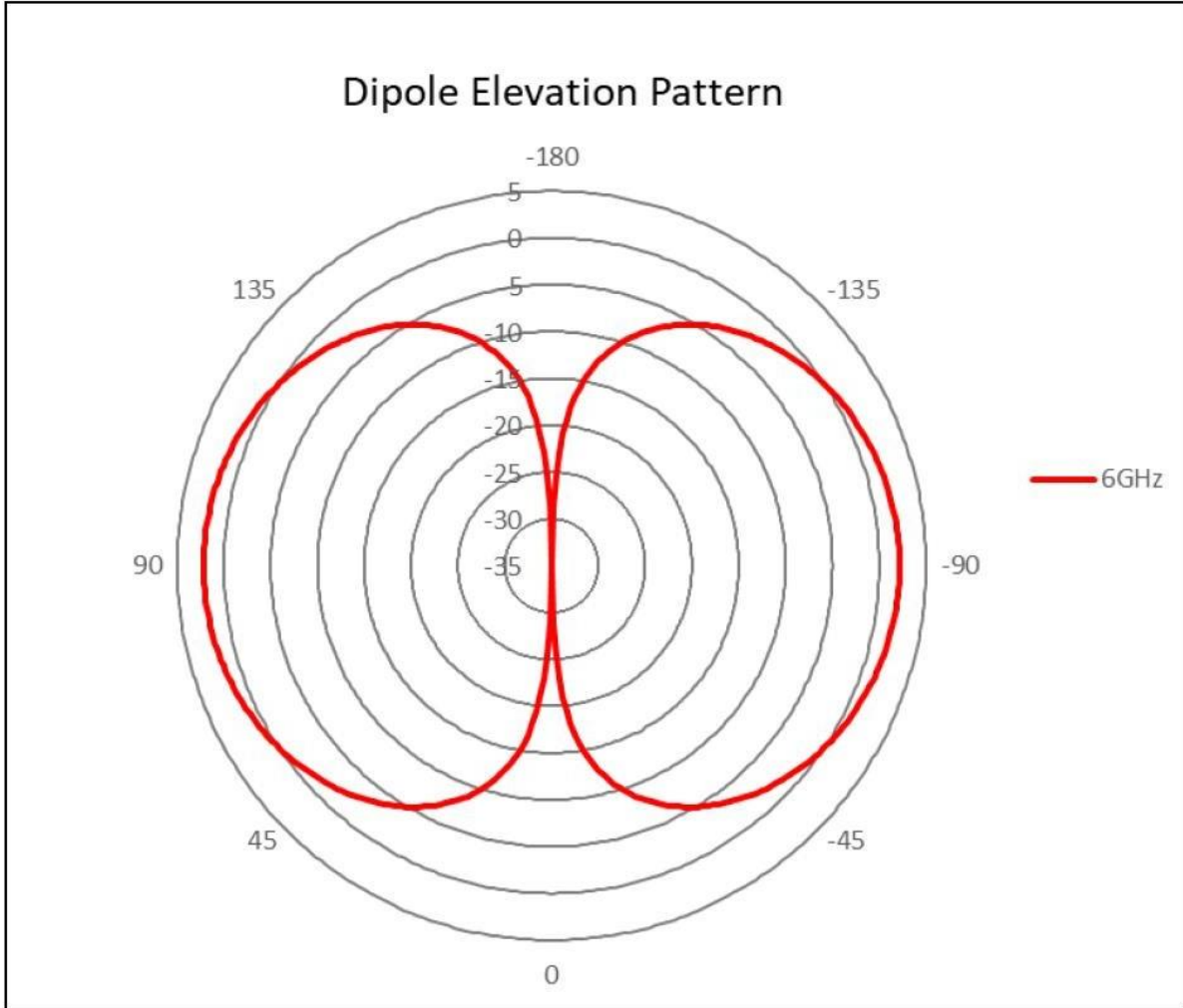
5GHz Dipole Antenna Peak Gain			
Frequency	5.15 GHz	5.5 GHz	5.85 GHz
Peak Gain	2.0 dBi	2.0 dBi	2.0 dBi
Peak Gain at polarization	Ele (θ) 0°	Ele (θ) 0°	Ele (θ) 0°

2D Pattern

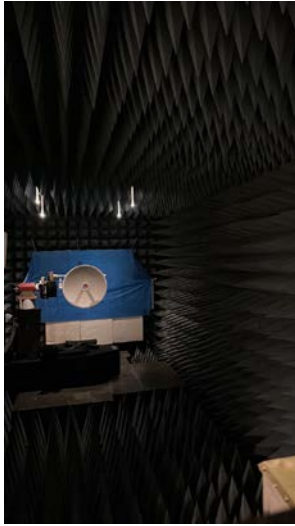




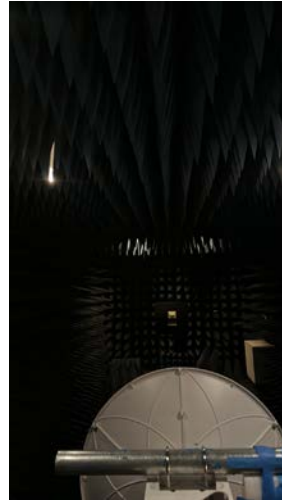




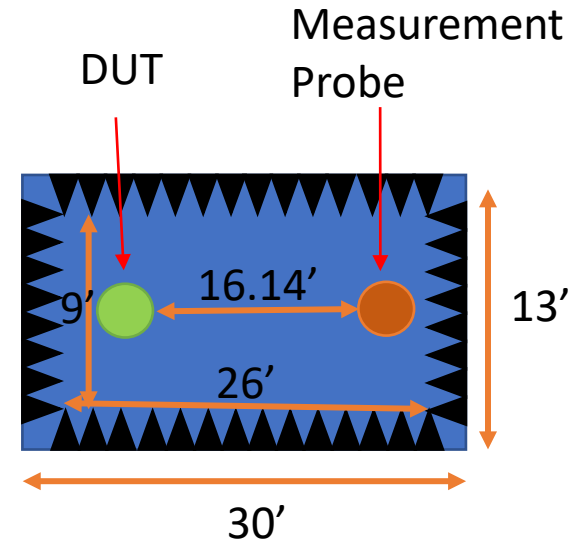
Picture from Probe



Picture from DUT



Diagram



The Cambium Networks' chamber used for measurements presented is a fully anechoic, scanning near field antenna measurement system. The dimensions of the measurement chamber are 13' wide by 30' long is 12.5' tall. The anechoic foam pyramids used on the floor and walls are 24" tall and are spaced 9" on center. The anechoic pyramids on the ceiling are 18" tall and have the same spacing. The anechoic box is 26' long by 9' wide by 9' tall. The spacing of the center of the DUT to the probe is 16.14'

This system can make accurate measurements from as low as 400 MHz to as high as 40 GHz. This chamber has been used to make absolute gain measurements presented for regulatory certification.