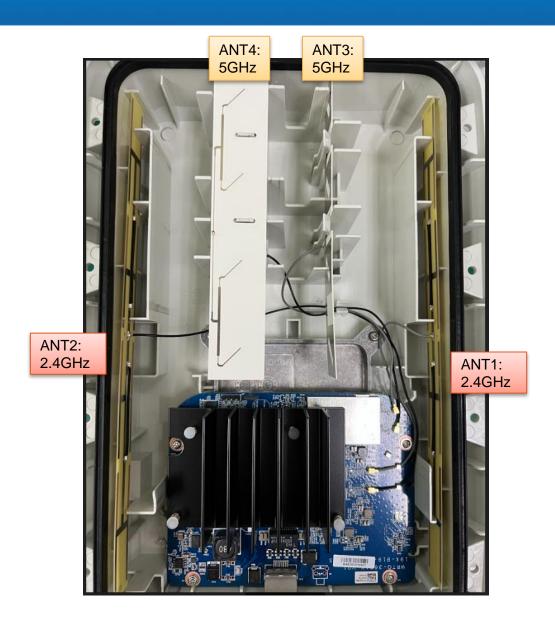
Cambium XV2-23T Antenna Test Report Vt03



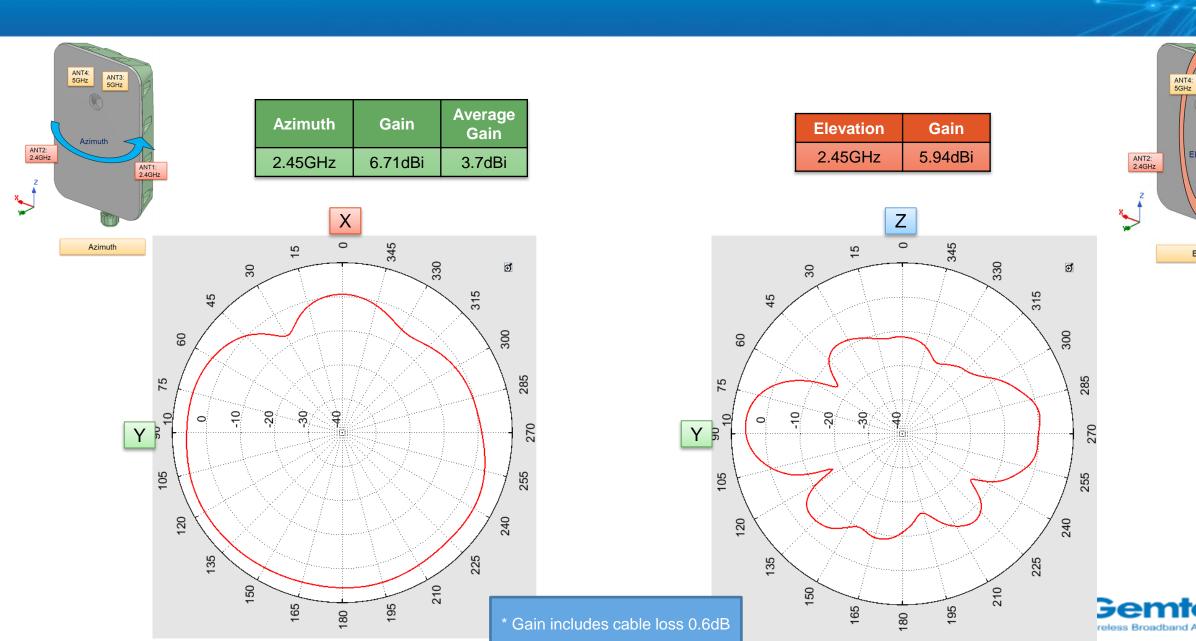


Overview





ANT1 2.4GHz GainTotal 2D Pattern

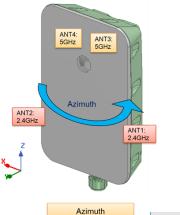


ANT3: 5GHz

Elevation

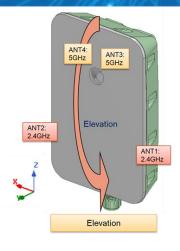
Elevation

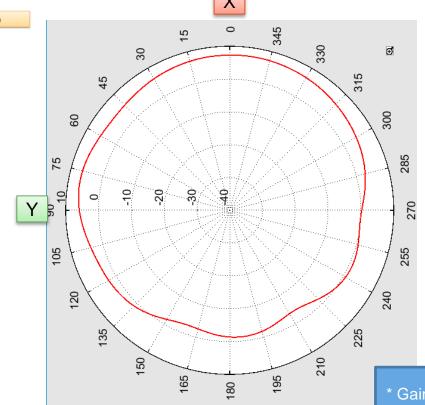
ANT2 2.4GHz GainTotal 2D Pattern

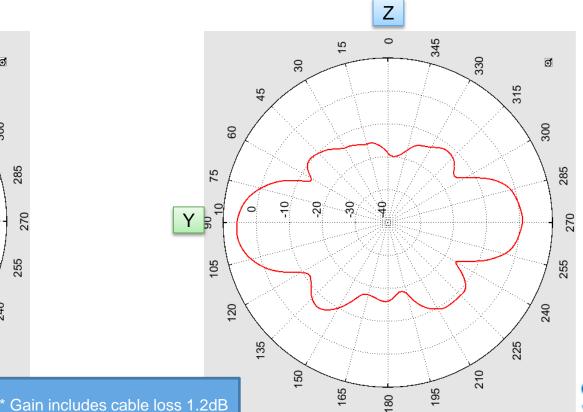


Azimuth	Gain	Average Gain
2.45GHz	7.34dBi	4.04dBi

Elevation	Gain
2.45GHz	5.95dBi





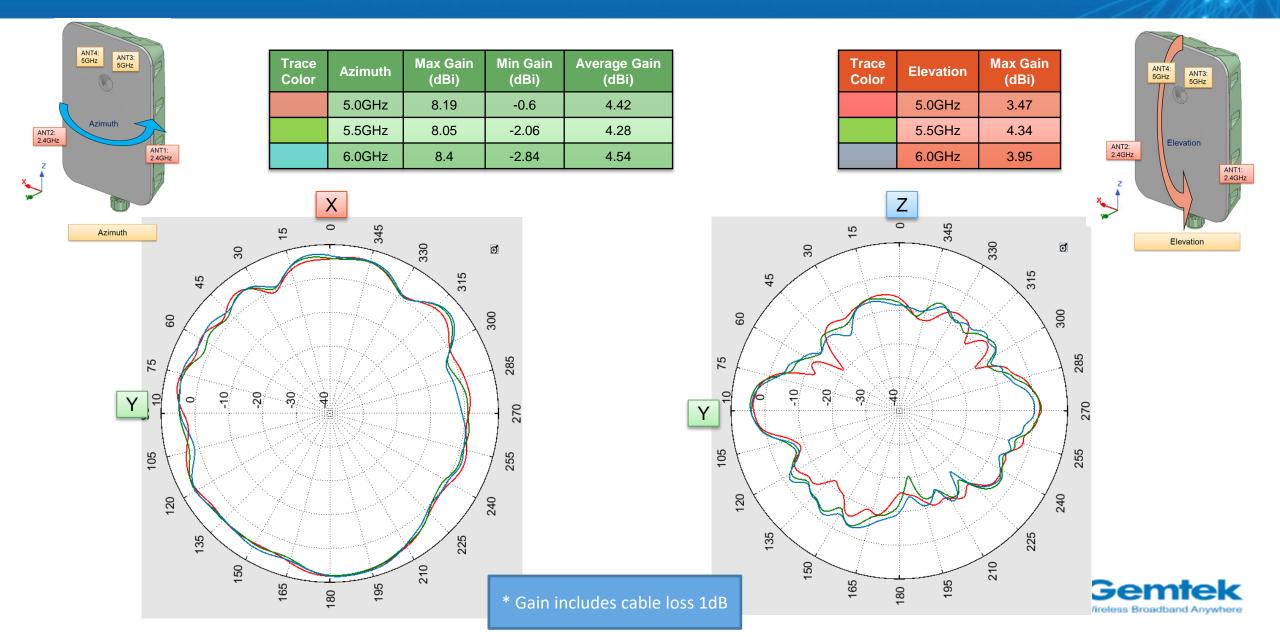




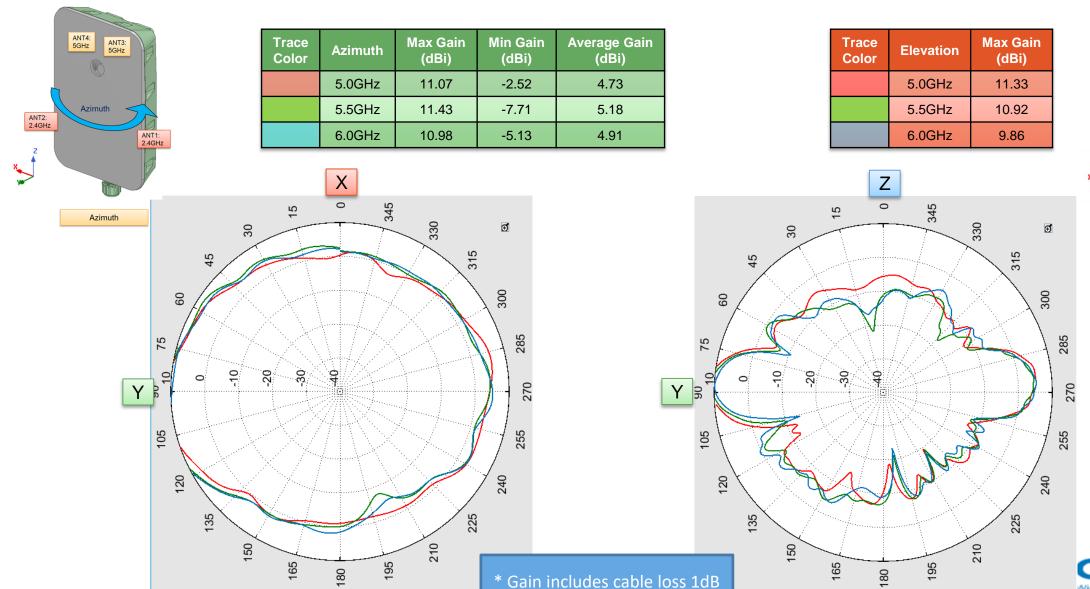
ANT1+ANT2: Azimuth-Plane Composite Gain Pattern @ 2.4GHz

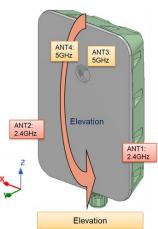


ANT3 5GHz GainTotal 2D Pattern



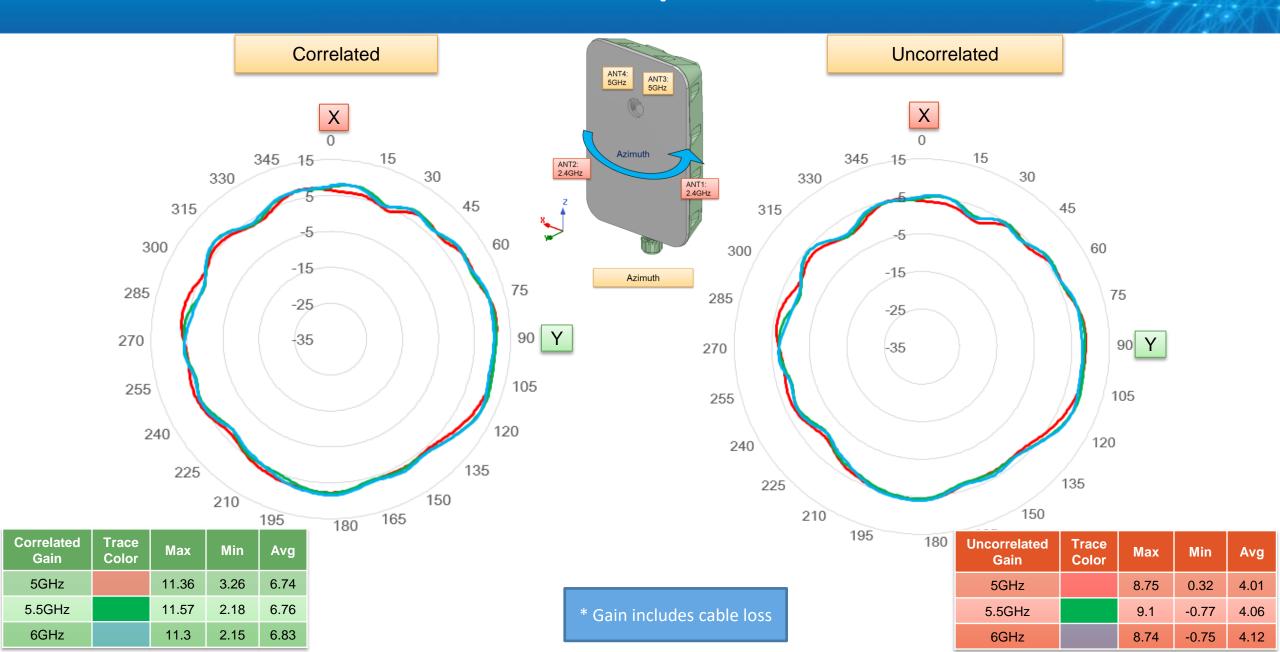
ANT4 5GHz GainTotal 2D Pattern







ANT3+ANT4: Azimuth-Plane Composite Gain Pattern @ 5GHz



Conclusion

- The PCB substrate of 2.4GHz is FR4(DF=0.02). The PCB substrate of 5GHz is Kappa(DF=0.005).
- The antenna test result includes cable loss.
- The measured step size is 1deg.

