

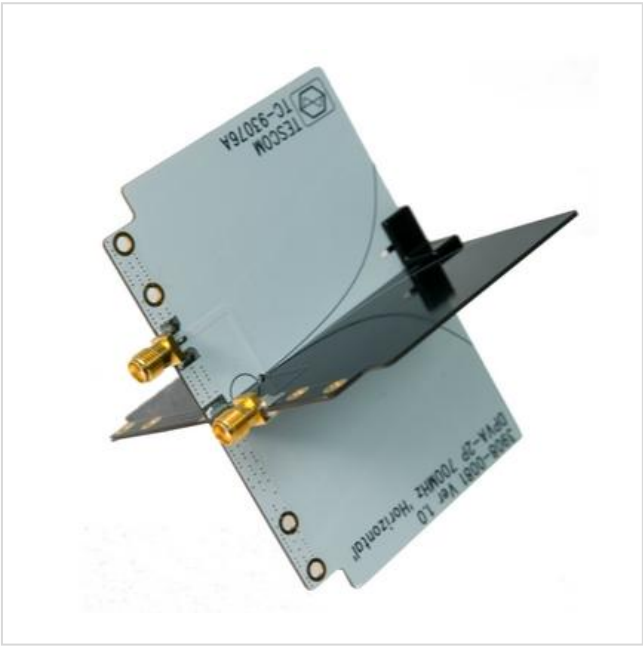
TC-93076A

Dual Polarized Vivaldi Antenna

Data Sheet



TC-93076A Dual Polarized Vivaldi Antenna

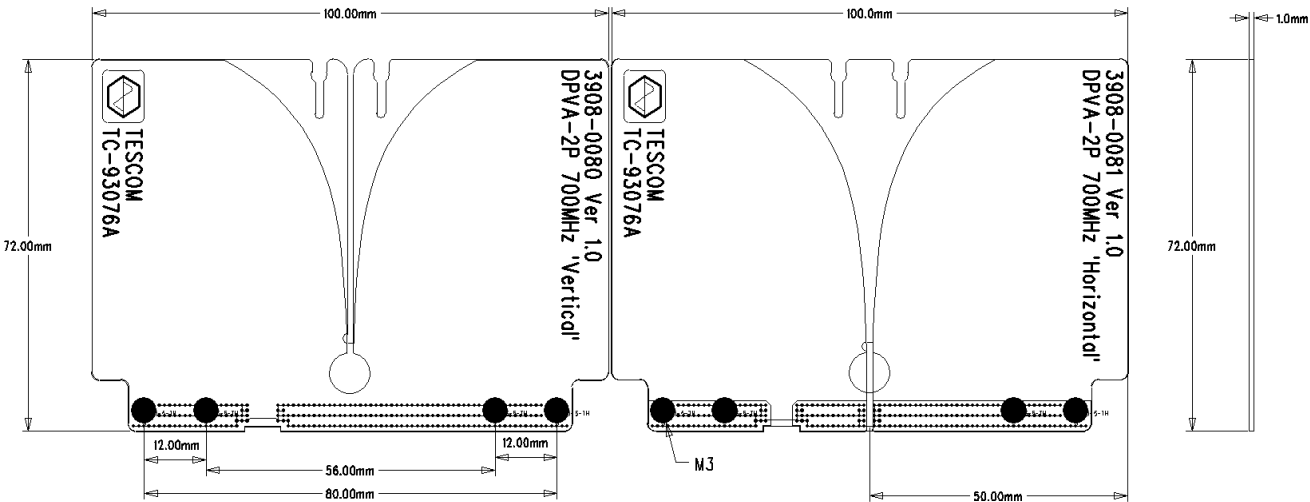


Mechanical Specifications

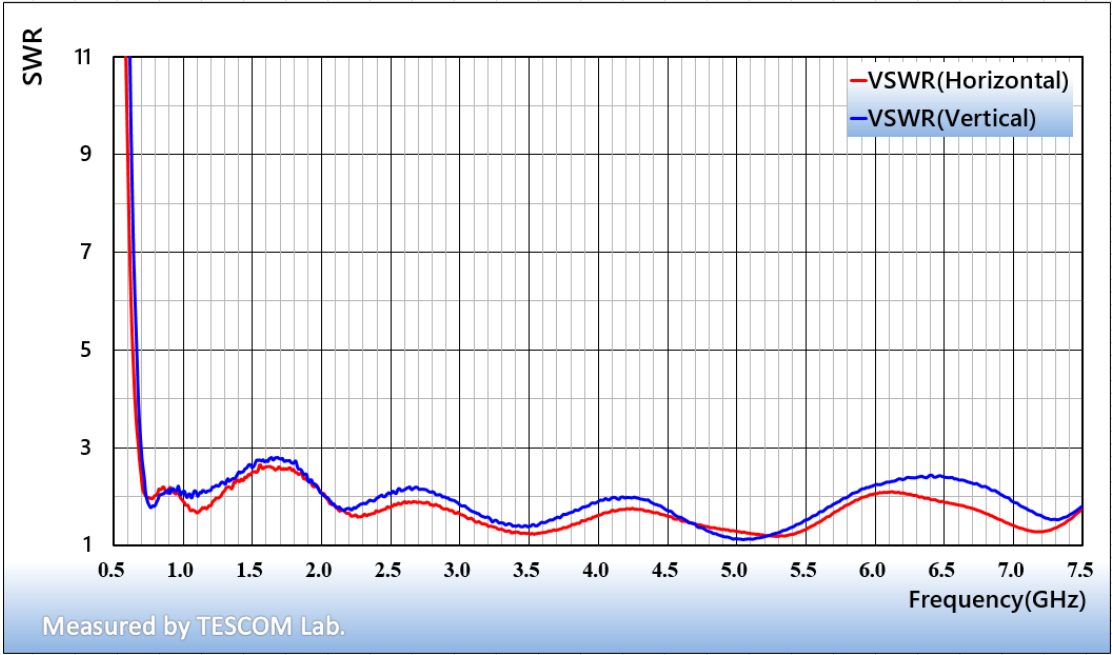
Frequency Range	0.7 GHz ~ 7.5 GHz
RF Connector	SMA(f)
Dimension	100 (W) x 72 (D) x 1 (H) mm (for Each)
Terminal	50 ohm
VSWR	< 3.2 @ 0.7 GHz ~ 7.5 GHz
Antenna Type	DPVA (Dual Polarized Vivaldi Antenna)

Dimensions

100(W) x 72(D) x 1(H) mm (for Each) [Unit: mm]

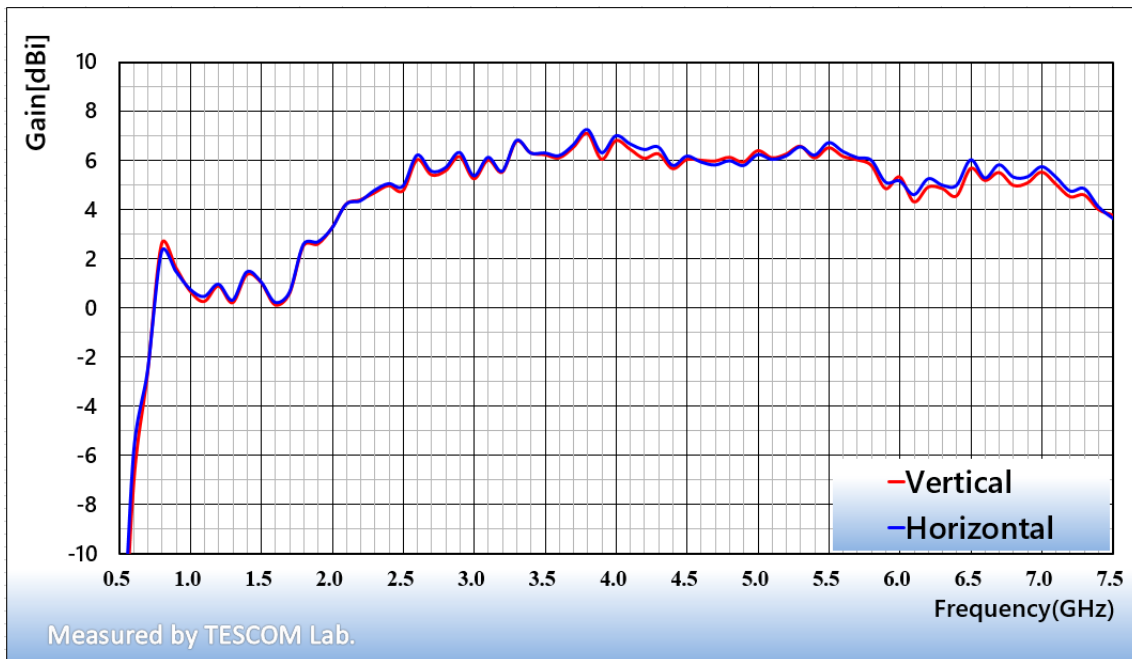


VSWR Data



Graph 1. TC-93076A VSWR

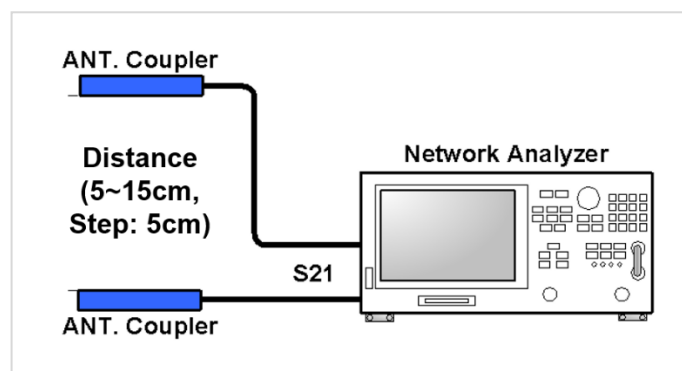
Gain Data (Boresight Gain)

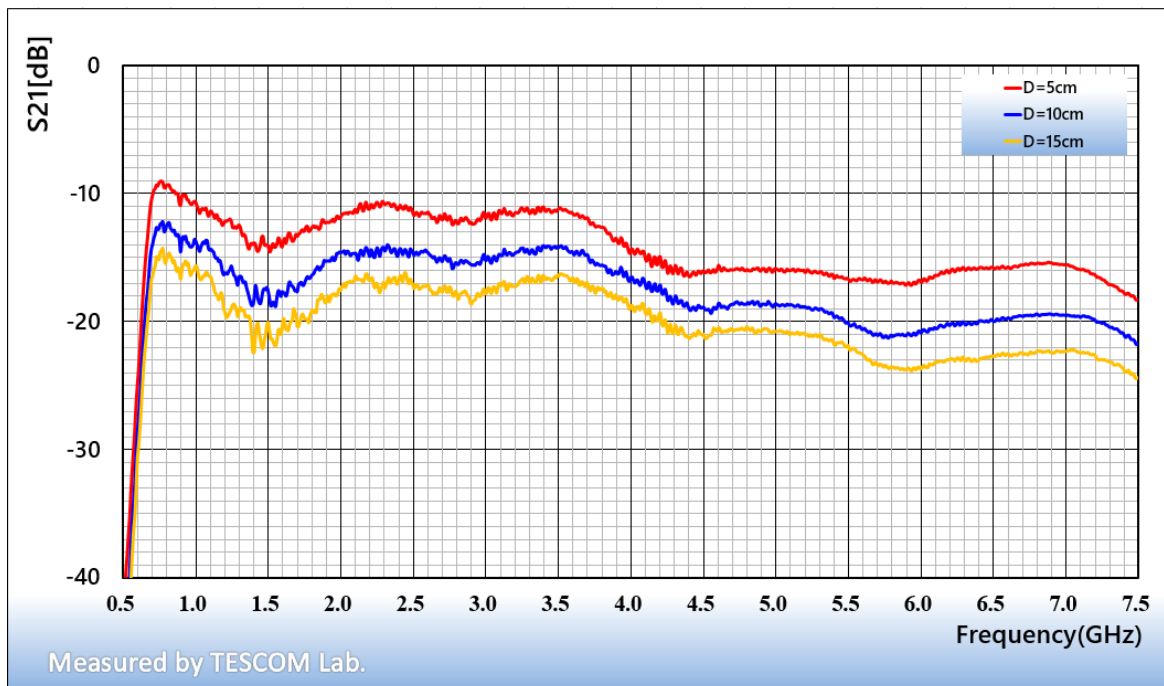


Graph 2. TC-93076A Gain

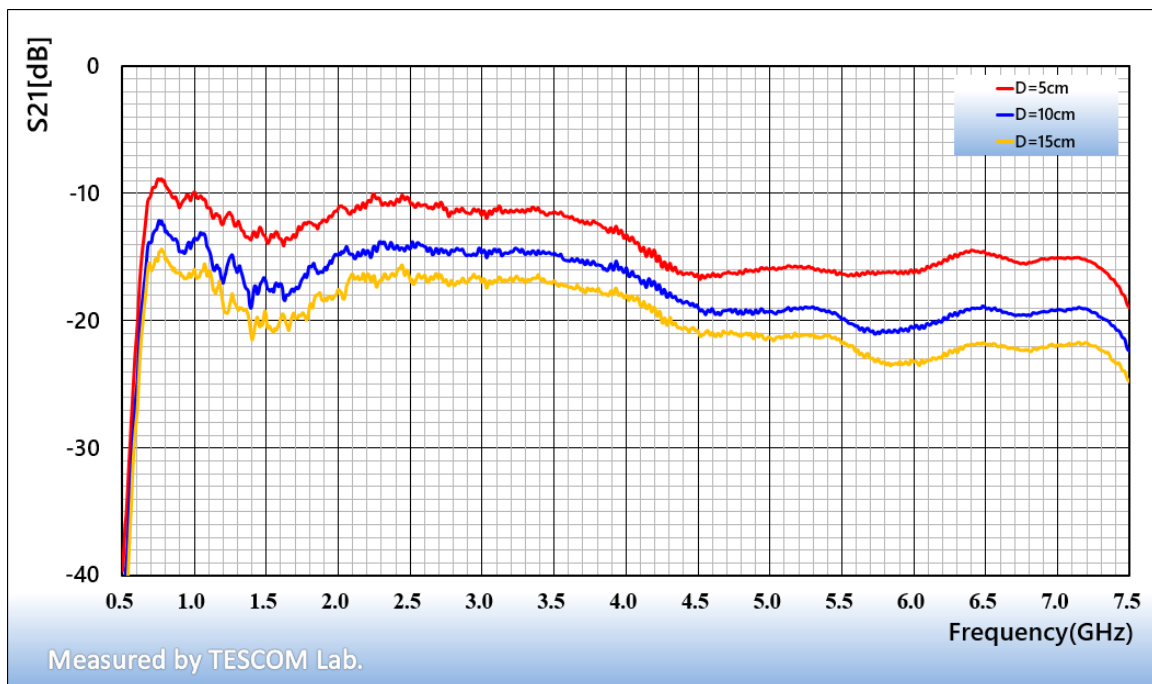
TC-93076A Path Loss

- Measuring Path loss (S21) with the Network analyzer between 2 units of TC-93076A (Distance: 5 ~ 15 cm)
- 1 unit of TC-93076A for Reference, 1 unit of TC-93076A for Inspection.
-



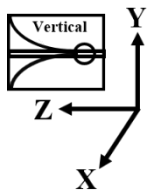


Graph 3. TC-93076A Path-Loss (Horizontal)

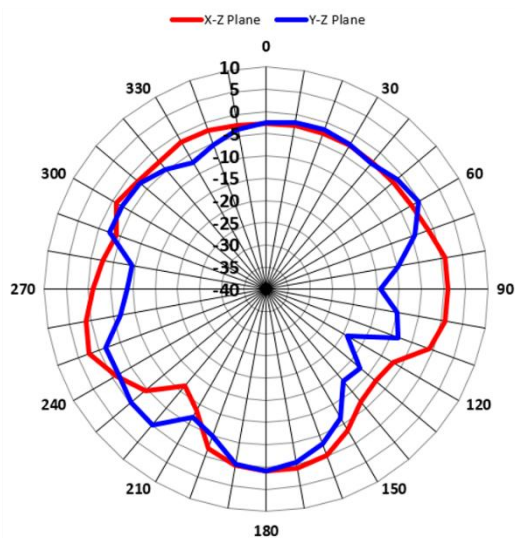


Graph 4. TC-93076A Path-Loss (Vertical)

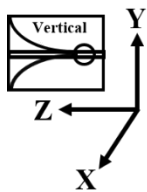
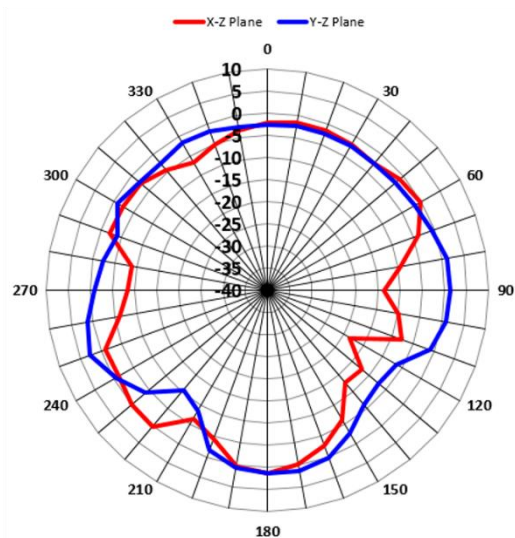
TC-93076A Radiation Pattern



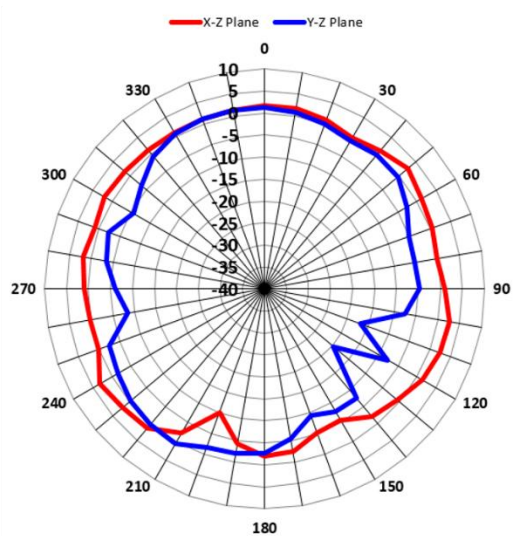
0.7GHz_Vertical



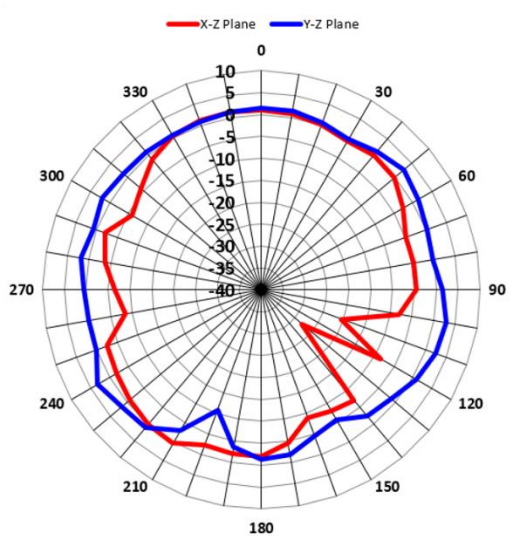
0.7GHz_Horizontal

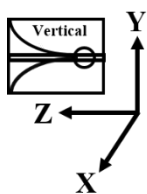


0.9GHz_Vertical

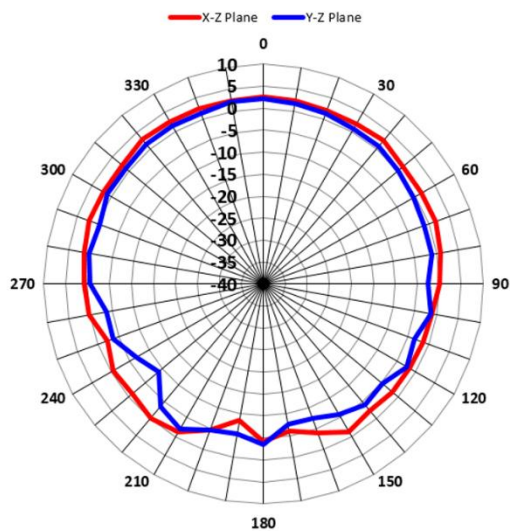


0.9GHz_Horizontal

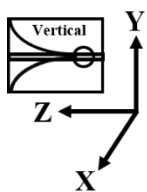
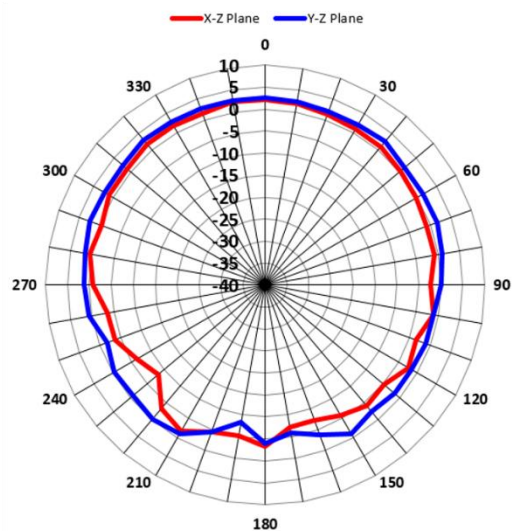




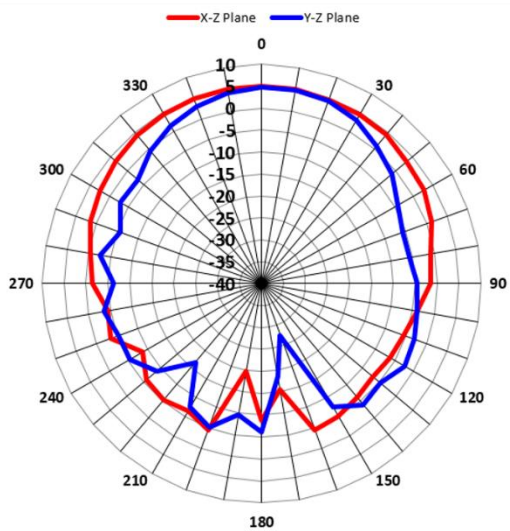
1.8GHz_Vertical



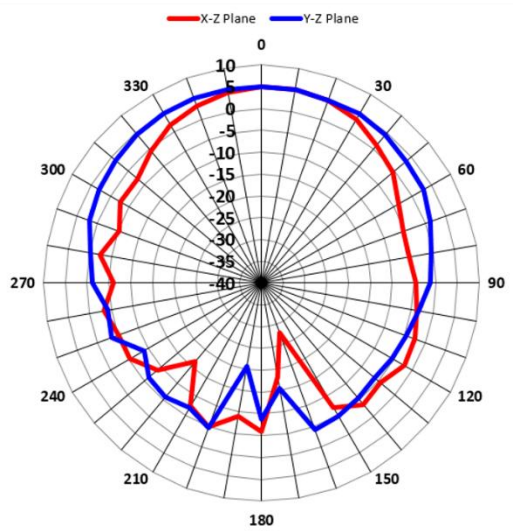
1.8GHz_Horizontal

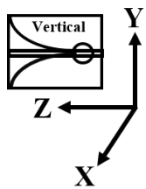


2.4GHz_Vertical

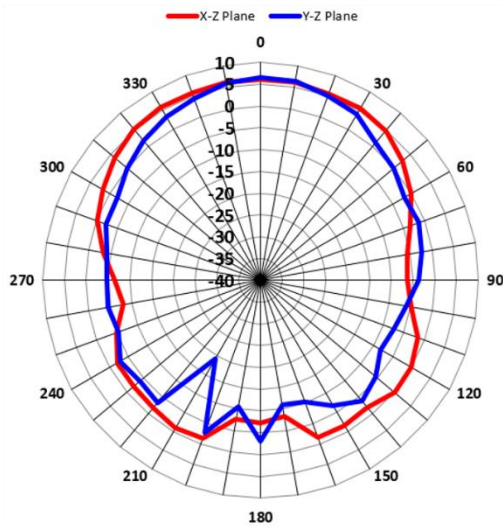


2.4GHz_Horizontal

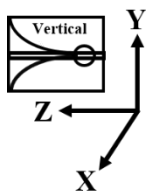
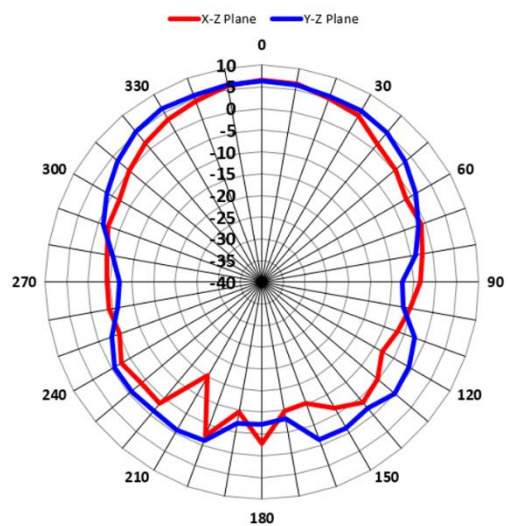




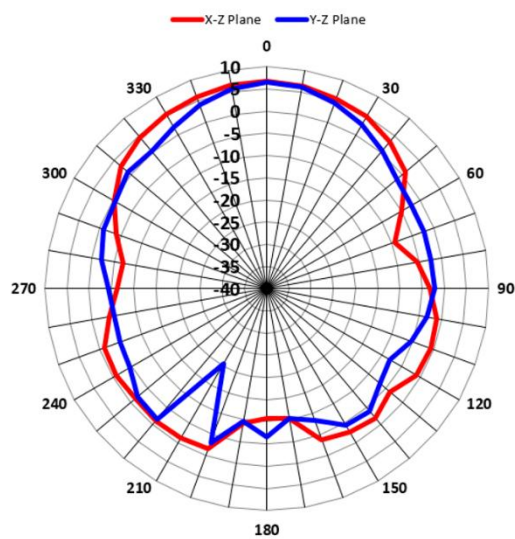
3.5GHz_Vertical



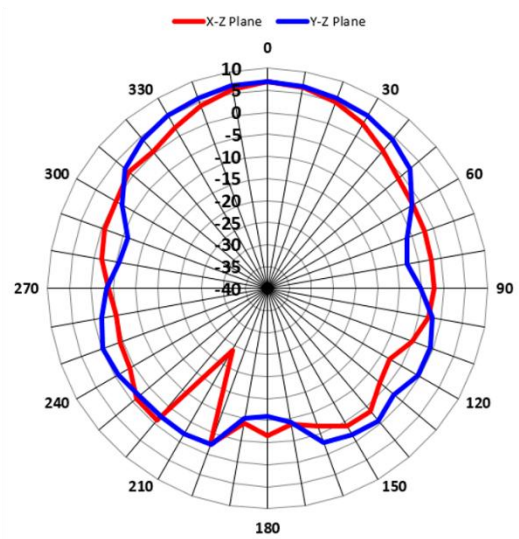
3.5GHz_Horizontal

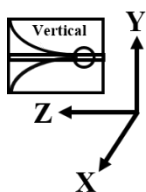


4.0GHz_Vertical

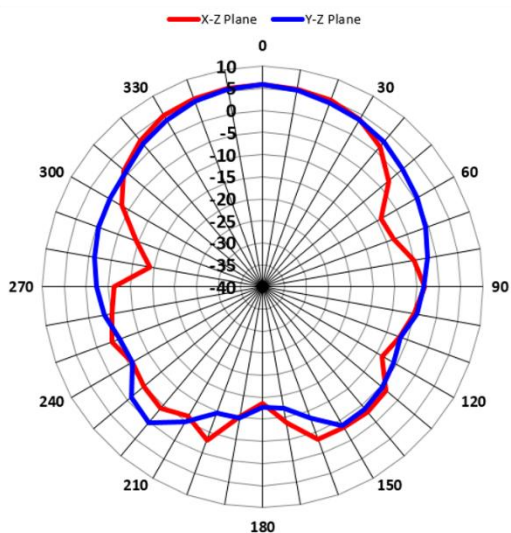


4.0GHz_Horizontal

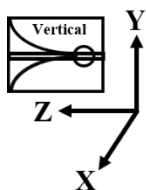
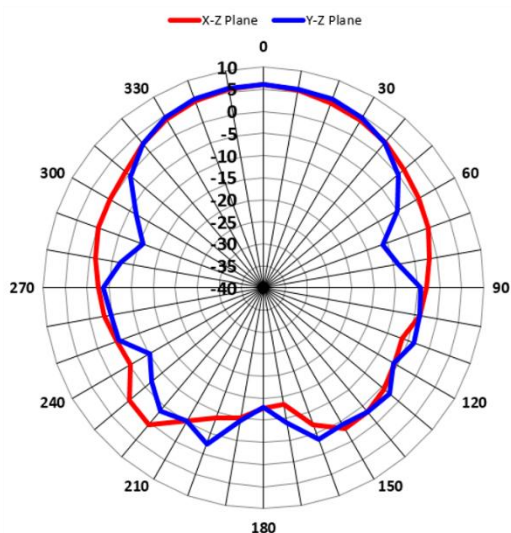




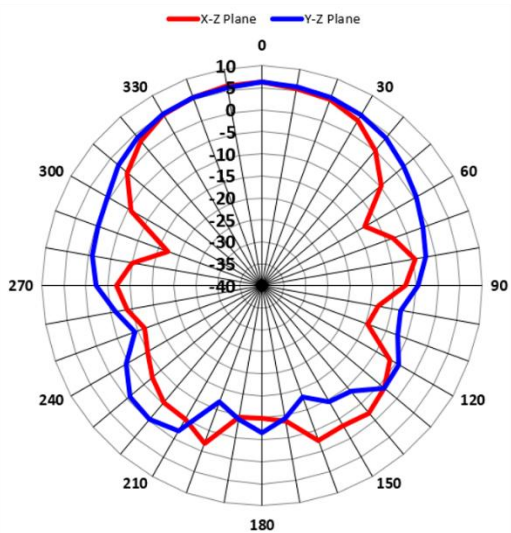
4.5GHz_Vertical



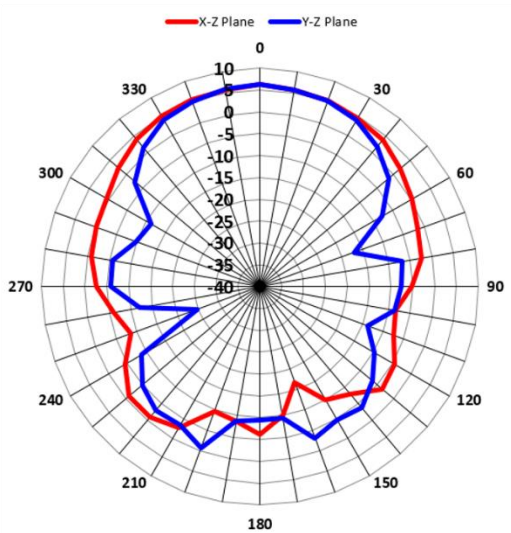
4.5GHz_Horizontal

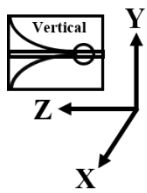


5.0GHz_Vertical

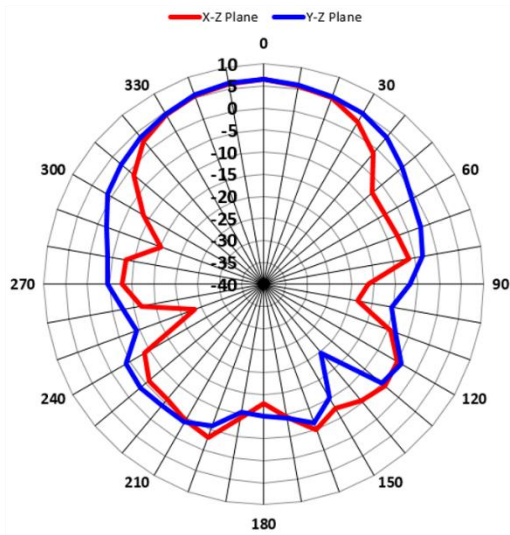


5.0GHz_Horizontal

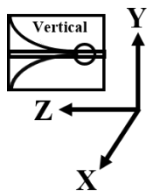
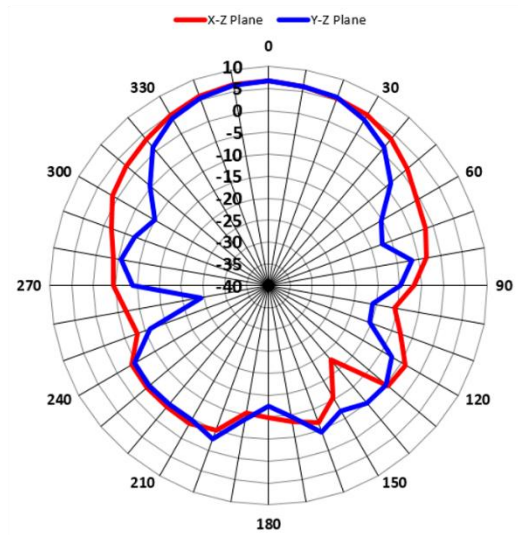




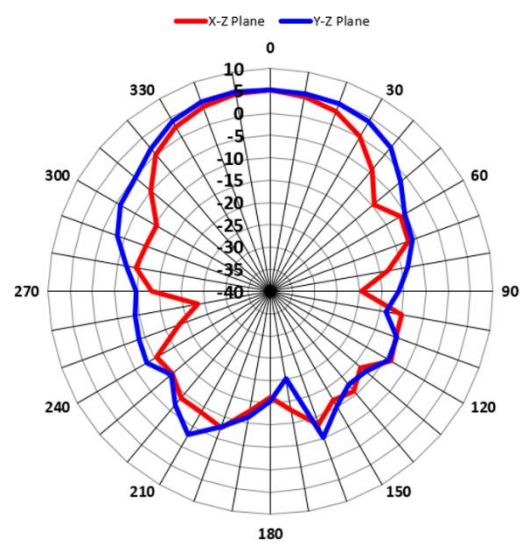
5.5GHz_Vertical



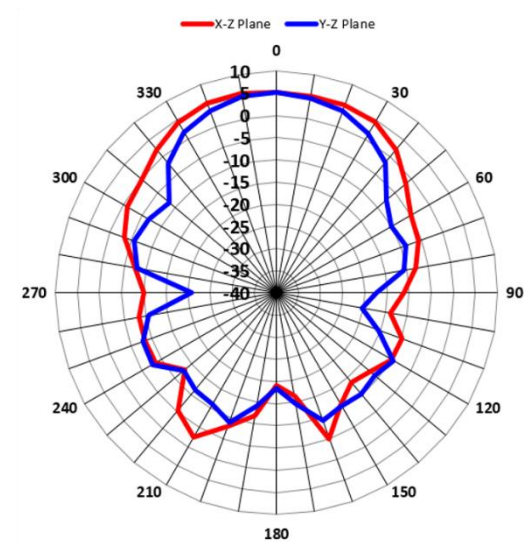
5.5GHz_Horizontal

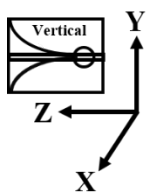


6.0GHz_Vertical

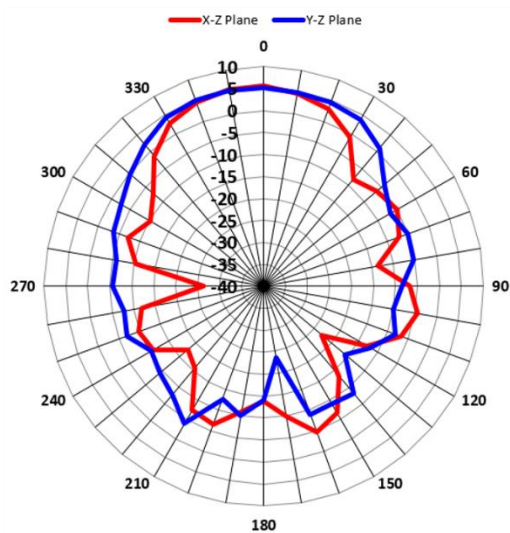


6.0GHz_Horizontal

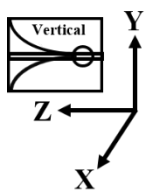
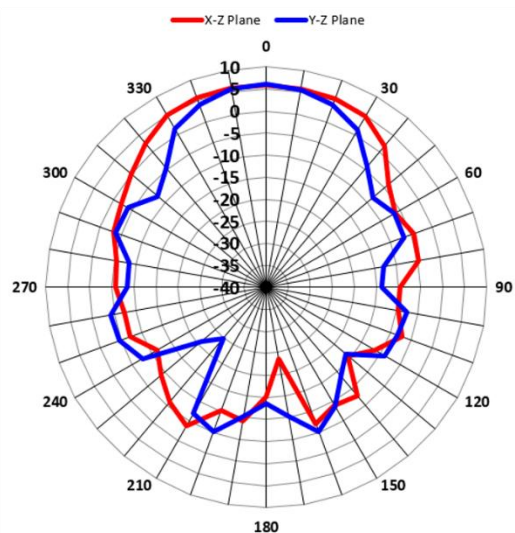




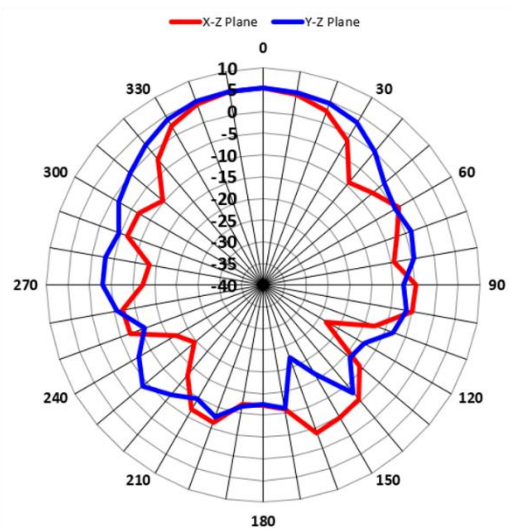
6.5GHz_Vertical



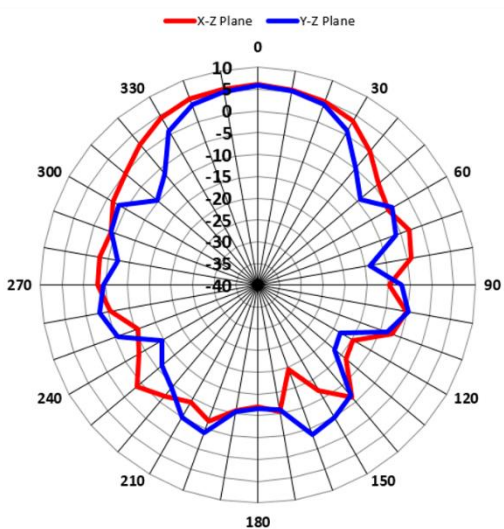
6.5GHz_Horizontal

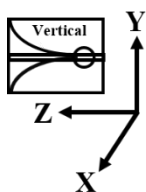


7.0GHz_Vertical

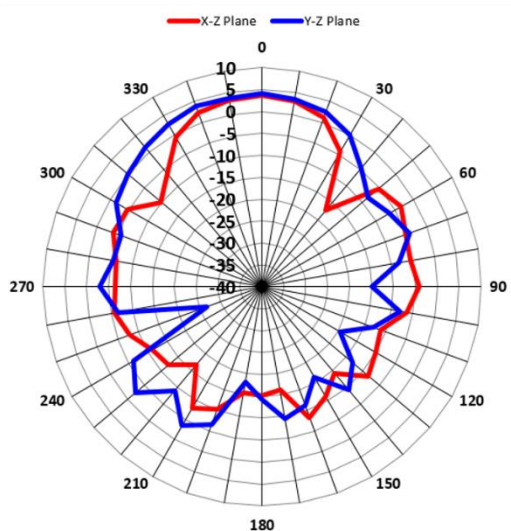


7.0GHz_Horizontal

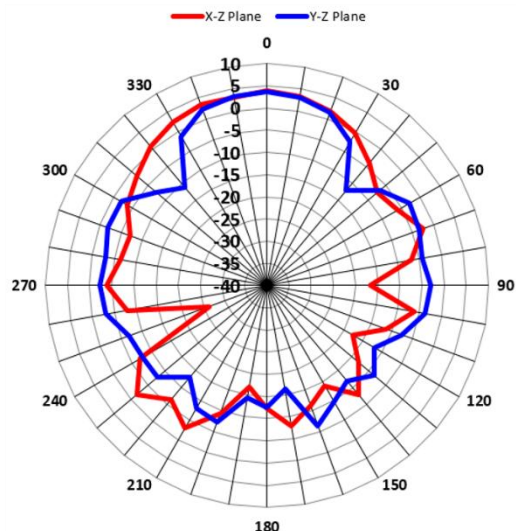




7.5GHz_Vertical



7.5GHz_Horizontal



Ordering Information

Order Number	Description
TC-93076A	DPV Antenna RF Cables are sold separately.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

