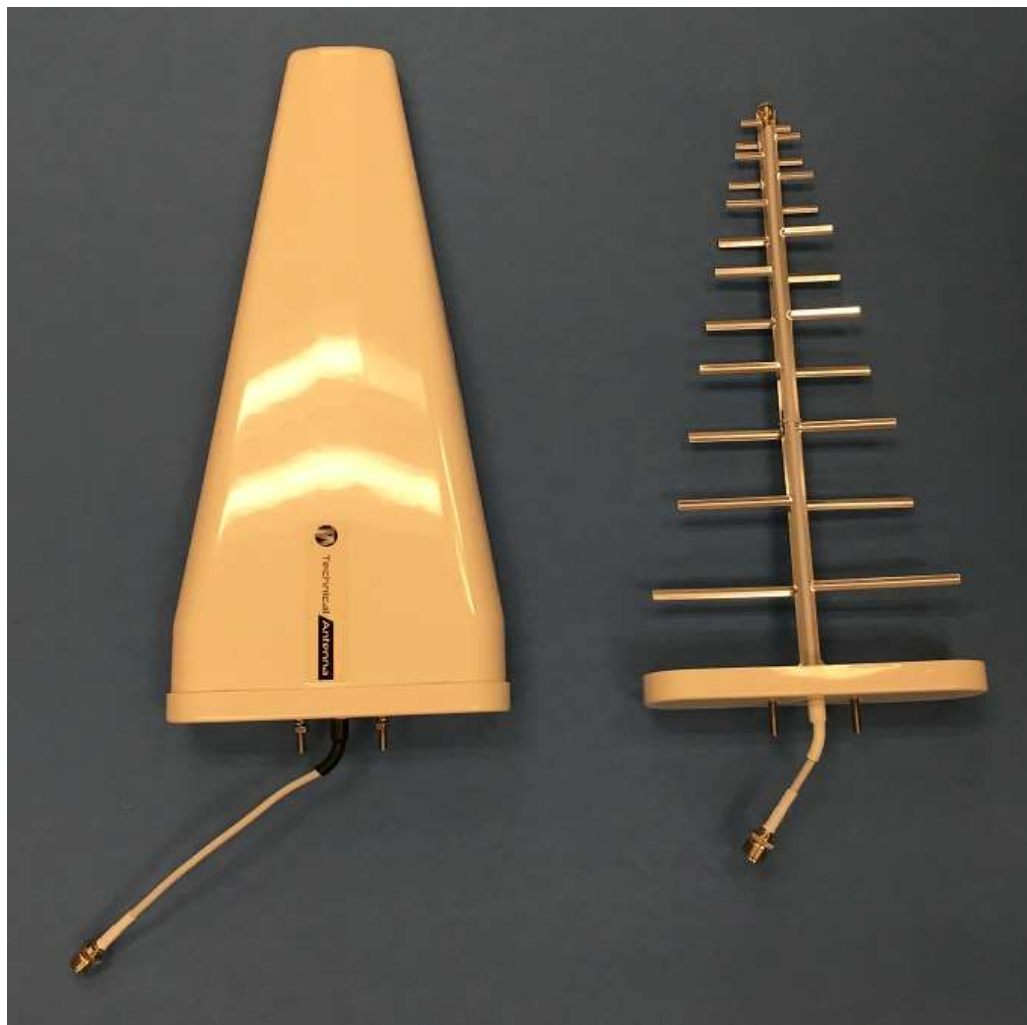




Antenna World LP12N Log-Periodic Antenna

Radome: 17.5" x 8.25" x 2.5"





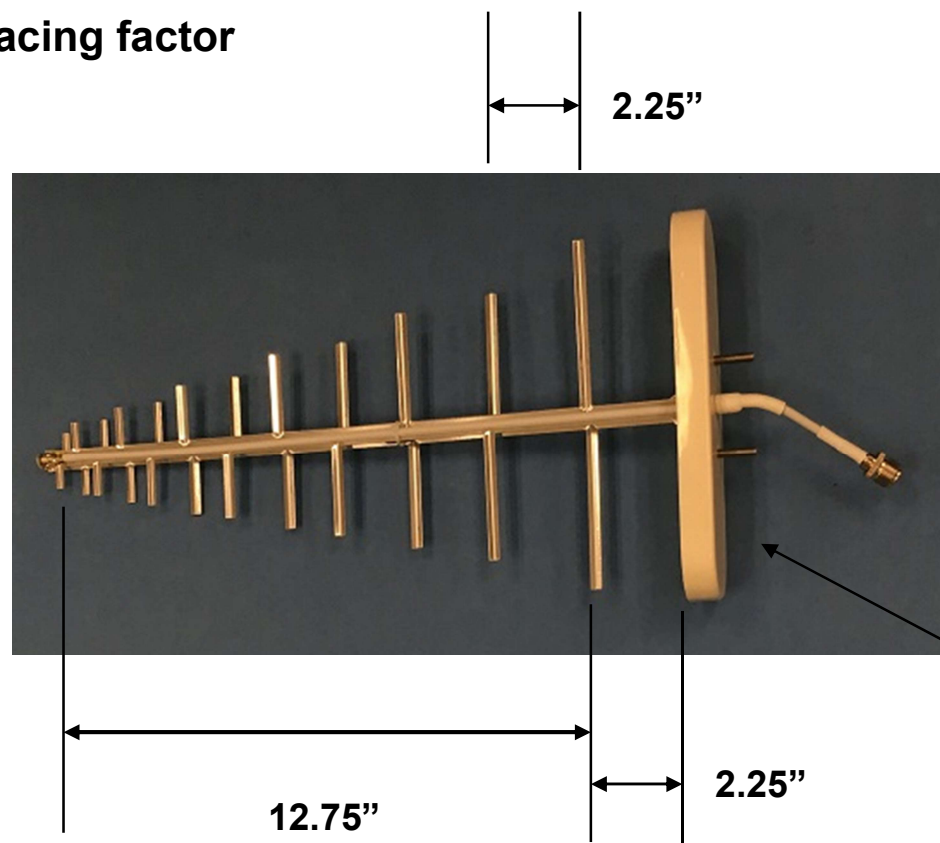
Antenna World Log-Periodic Antenna

$$\tau = \frac{L_2}{L_1} \quad \text{Scale factor}$$

$$\sigma = \frac{S_n}{\{2 L_n\}} \quad \text{Spacing factor}$$

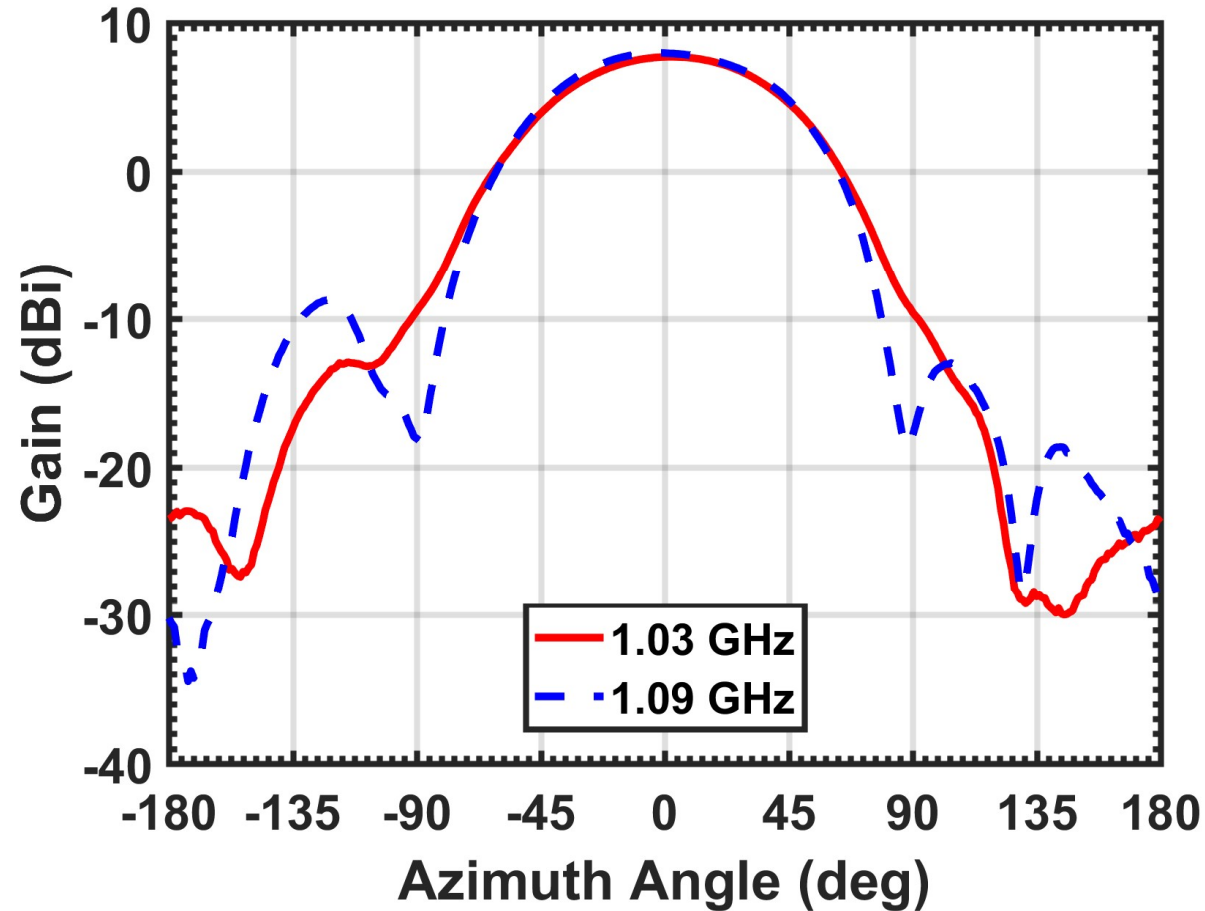
Dipole lengths

N=12	1: 7.500"
	2: 6.000"
	3: 5.250"
	4: 4.500"
	5: 3.875"
	6: 3.125"
	7: 3.000"
	8: 2.500"
	9: 2.250"
	10: 1.875"
	11: 1.625"
	12: 1.375"





Measured Azimuth Gain Patterns

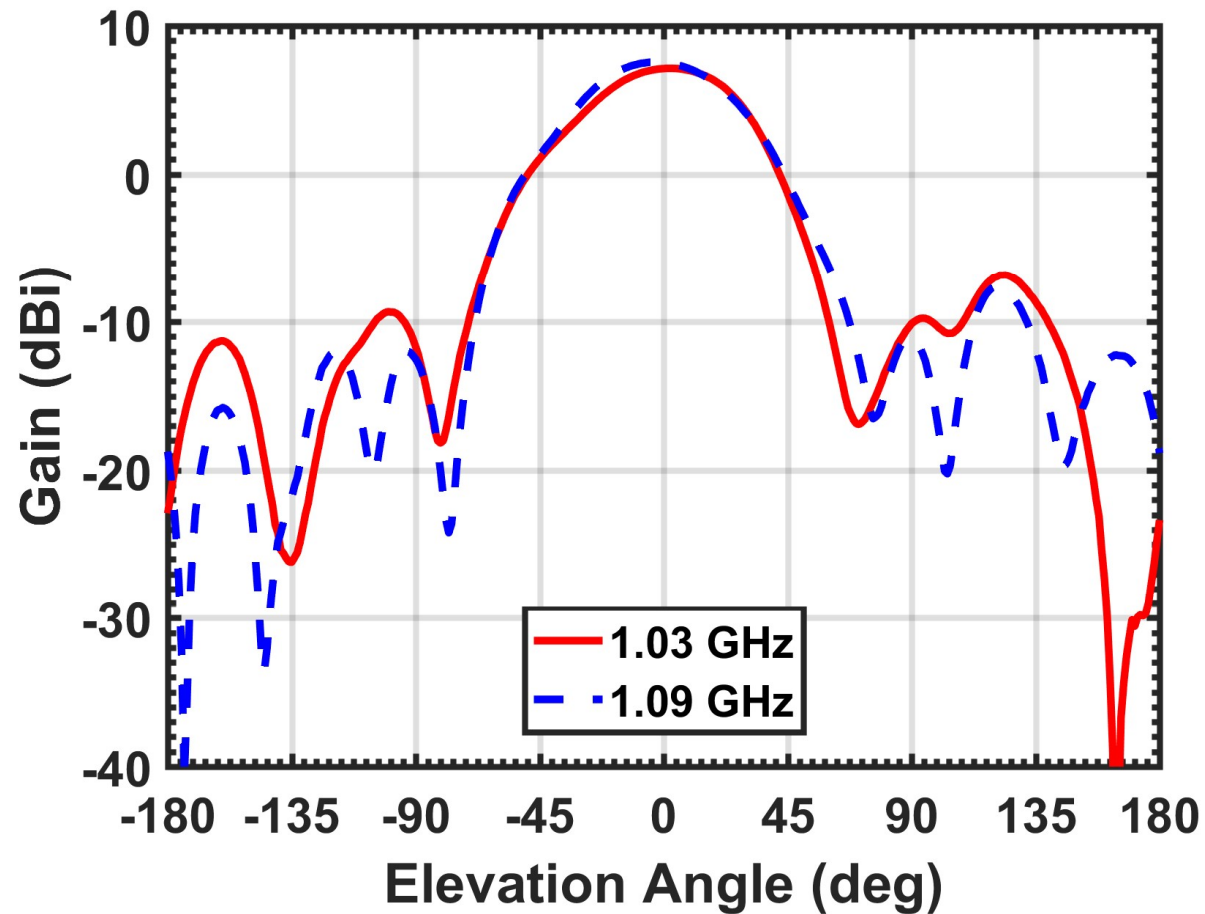


Peak gain
~8 dBi

HPBW~80°



Measured Elevation Gain Patterns



HPBW~60°