

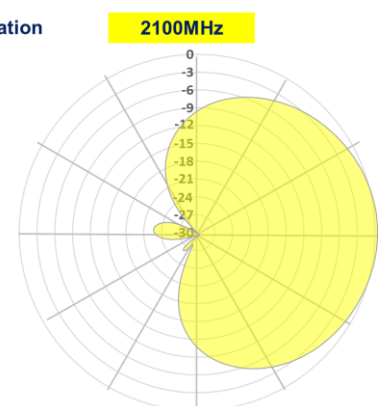
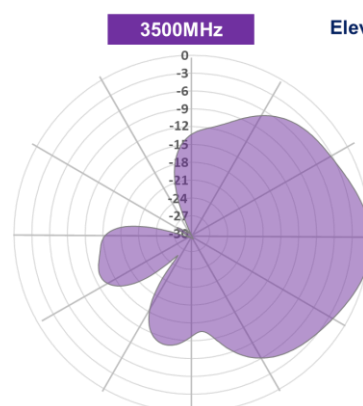
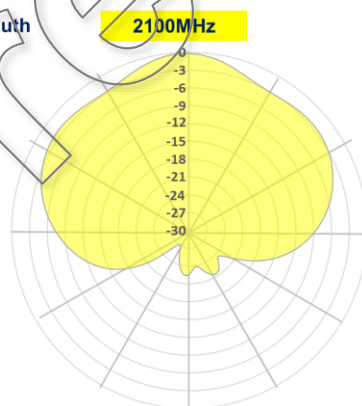
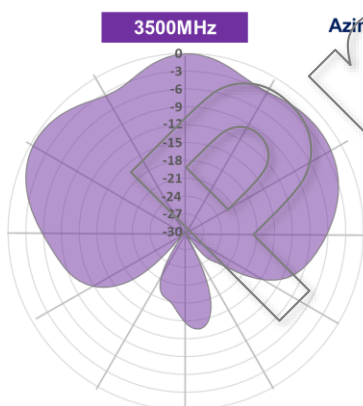
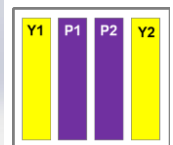
- Unique solution with Hemispherical wide-area Azimuth coverage for wall-mounted deployments
- Congruent radiation patterns between bands - ideal for delivery of Mid-Band and CBRS/C-Band Services for 5G

Electrical Characteristics	4x Ports 1-4		4x Ports 3-6	
	1690-2690		3400-4000	
Operating Frequency (MHz)	1690-2200	2300-2690	3400-3700	3700-4000
3dB Azimuth beamwidth ¹	130°	150°	160°	170°
Elevation beamwidth ¹	100°	91°	62°	70°
Gain ¹ (dBi)	3.8	3.6	4.9	4.2
Polarization	2x ±45°		2x ±45°	
Fixed Electrical down-tilt	0°		0°	
Upper SLL (20° > mainbeam) ¹	N/A		N/A	
Interband isolation ¹	>25dB		>25dB	
Return loss (VSWR)	≥14dB(≤1.5)		≥14dB(≤1.5)	
X Polar Disc. over Sector	12dB	10dB	10dB	10dB
Max Power handling (per port)	100 Watts		100 Watts	
PIM (3 rd Order) (2x43dBm)	>153dBc		>153dBc	

¹ Typical Performance across frequency.



Mechanical Characteristics	
Dimensions	L12.6" x W8.5" x D4.3" (320 x 215 x 110mm)
Weight (excl mounting brackets)	9lbs (4.1kg)
No. of Connectors	8x 4.3-10
Max Wind Speed	150mph (67m/s)
Operating Temperature	-40°C to +60°C
Wind Load @ 149km/h	Maximum: 19.8lbf (88.1N)



Tel: +1 (585) 420-8720
info@quintelsolutions.com
www.quintelsolutions.com