

HIGH PERFORMANCE SECTOR ANTENNA-SEL-5817M (60°)

SECTOR ANTENNA (4.9 - 5.9 GHz) FOR WIRELESS COMMUNICATIONS P T MP

Electrical Parameters

Frequency (MHz)	4900 - 5900
Gain (dBi)	2 X 17±0.5
VSWR (Max)	1.4 : 1
H Plane BW (°)	60° ± 5
E Plane BW (°)	8 ± 2
Polarization	H & V
Port to Port Isolation (dB)	> 30
Max. Power Input (Watts)	50
Impedance (Ω)	50
Front to Back Ratio (dB)	>25
Cross Poln. (dB)	>28
Connector Termination	2XN(F)/SMA
Lightning Protection	DC Ground



Mechanical Parameters

Dimension (mm)	750 X 130 X 70
Gross Weight (Kg)	2.5
Radome	UPVC
Mounting Hardware	MS Galvanized & Powder Coated
Mounting Style	Tower, Pole and Wall
Mechanical Down Tilt	20°

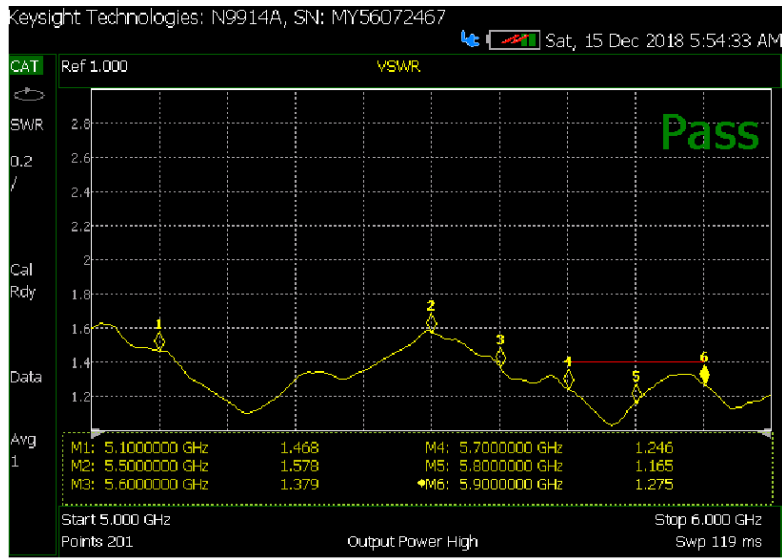


Environmental Parameters

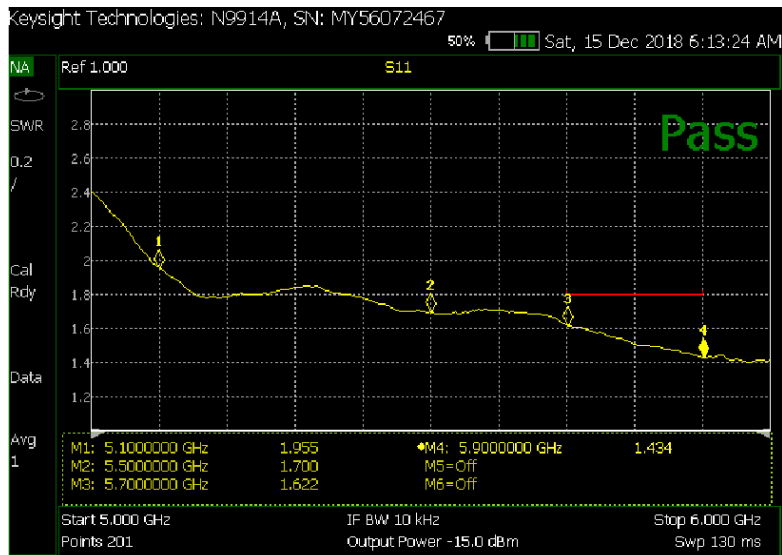
Temperature Range (°C)	(-) 40 to (+) 70
Wind Speed (km/hr.)	200
Humidity	95% No Condensation



TEST REPORT- SEL-5817M (60°) PORT-1



TEST REPORT- SEL-5817M (60°) PORT-2



TEST REPORT- SEL-5817M (60°) SMITH CHART

