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APPENDIX B: ANTENNA SPECIFICATIONS

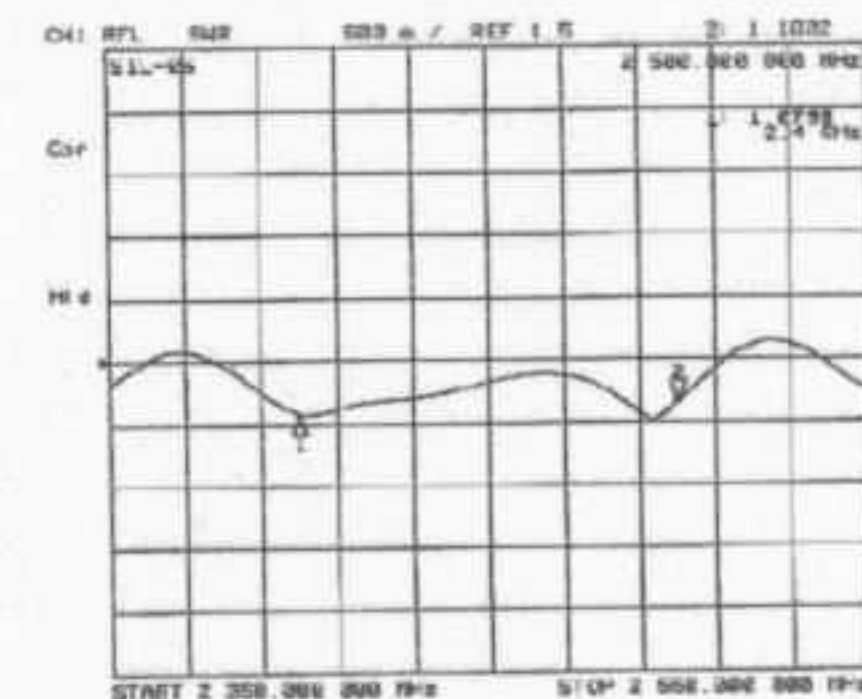
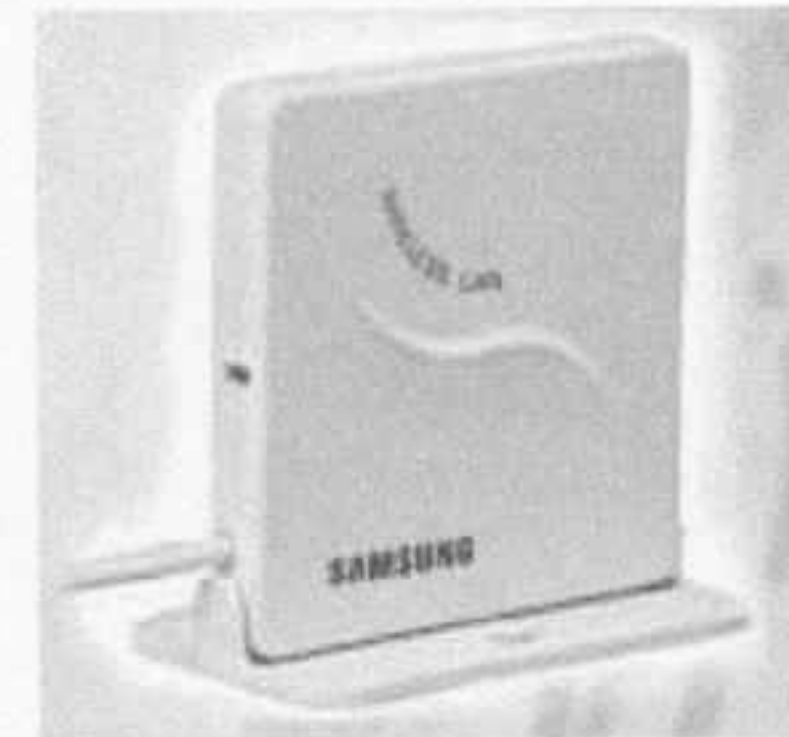
Please see the following pages.

Wireless LAN Patch Antenna

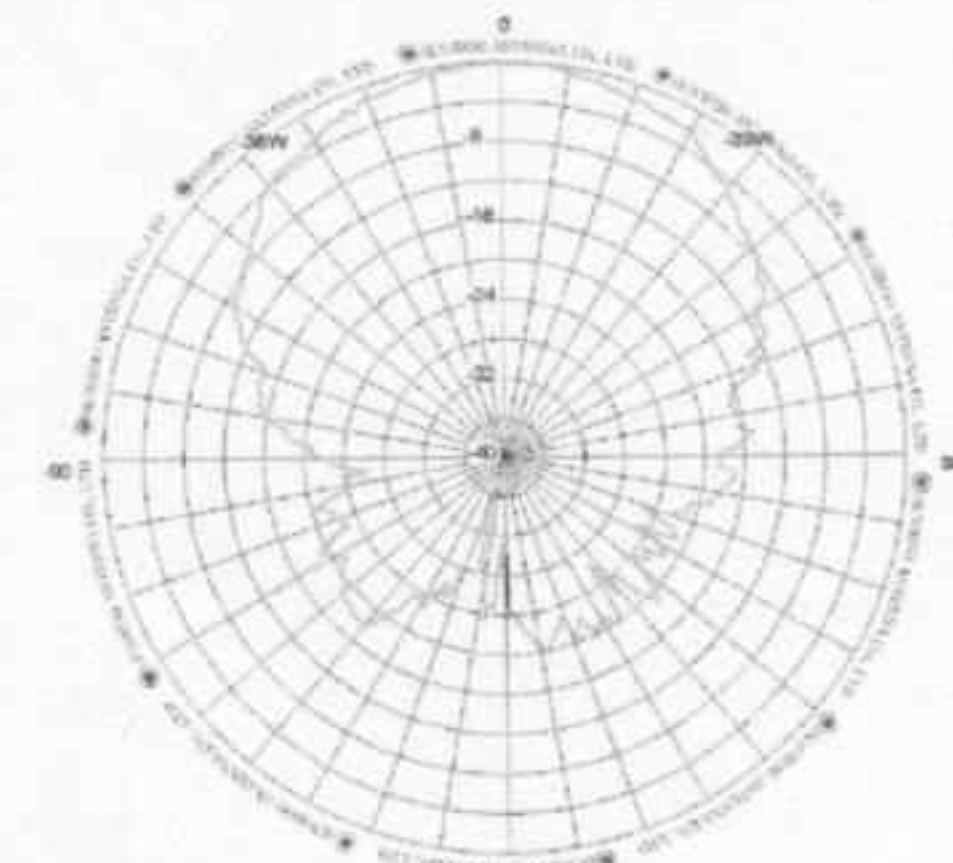
Wireless LAN patch antenna range is designed to give local area coverage for voice and data wherever it is needed. All antennas from the range can be used for both indoor and outdoor applications, locations such as computer rooms, shopping malls, offices, and factories, where signal quality needs to be improved or where extra capacity is needed to satisfy high traffic demand.

SPECIFICATION

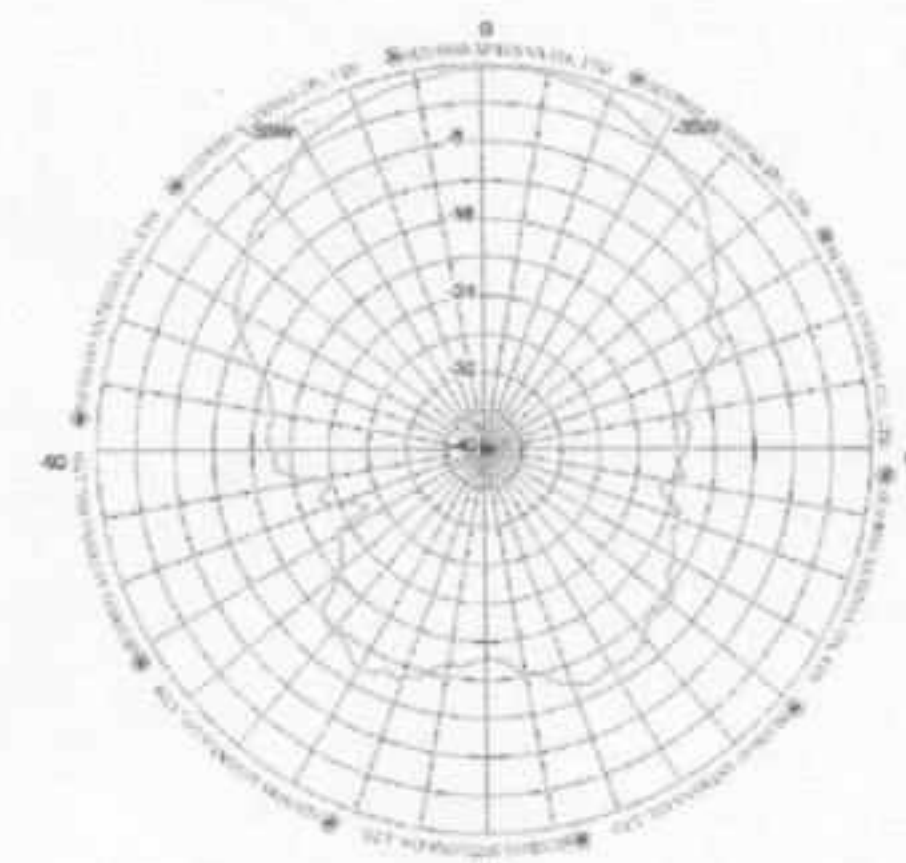
Model	SIL-05		
Type	Microstrip Patch Type		
Characteristic	Electrical Char.	Frequency Range	2.4 GHz ~ 2.5 GHz
		Polarization	Vertical
		Gain	≥ 5 dBi
		Beam width	$\geq$ H-Nominal 60°
			$\geq$ V-Nominal 50°
		V. S. W. R	1 : 1.5
		Power Capability	≤ 1 Watt
		Impedance	50 Ω
	Physical Char.	Radiation Element Material	Steel
		Cable length	150 cm
		Dimension	75x78x12 mm
		Weight	100 g
		Input Connector	SMA male (Left Hand)



V.S.W.R vs Frequency



Horizontal Pattern



Vertical Pattern

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