

Specification Sheet

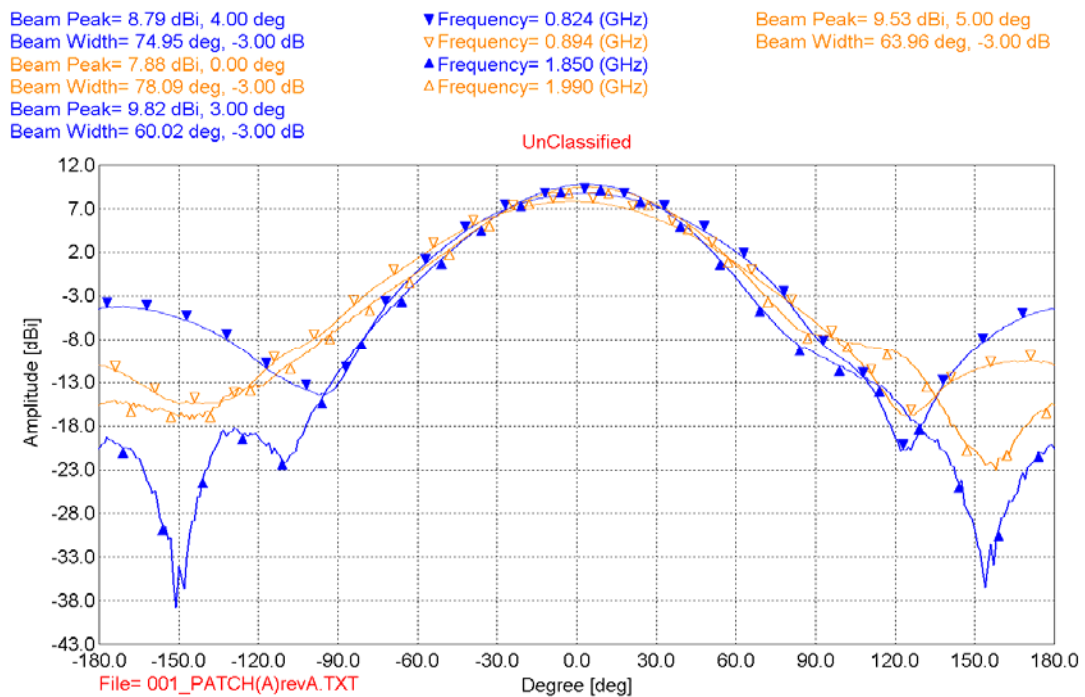
Model	PAT-CI-US		
Section	Dual-band Patch antenna	Revision	IR
Reported by	HONG , JONG SU	Date	2009. 3. 25
Electrical Specifications			
Frequency range	824 ~ 894 MHz	1850 ~ 1990 MHz	
Gain	6 dBi ↑	8 dBi ↑	
-3dB Beam width	80° ± 10°	65° ± 10°	
Impedance	50 Ω		
VSWR	< 1.5		
Maximum input power	10 watts		
Polarization	Vertical		
PIMD	-130dBc ↓		
Mechanical Specifications			
Dimensions(W×H×D)	190 × 178 × 50 mm		
Weight	550g		
Connector type	N-Female		
Radome Material	ASA		
Etc.			

1. Network data(VSWR)



2. Radiation Pattern

1) H-plane



2) E-plane

Beam Peak= 8.39 dBi, 4.00 deg
Beam Width= 71.91 deg, -3.00 dB
Beam Peak= 8.01 dBi, 2.00 deg
Beam Width= 73.57 deg, -3.00 dB
Beam Peak= 9.81 dBi, -1.00 deg
Beam Width= 65.20 deg, -3.00 dB

▼ Frequency= 0.824 (GHz)
▽ Frequency= 0.894 (GHz)
▲ Frequency= 1.850 (GHz)
△ Frequency= 1.990 (GHz)

Beam Peak= 9.90 dBi, -4.00 deg
Beam Width= 60.72 deg, -3.00 dB

