

Technical Specification Sheet

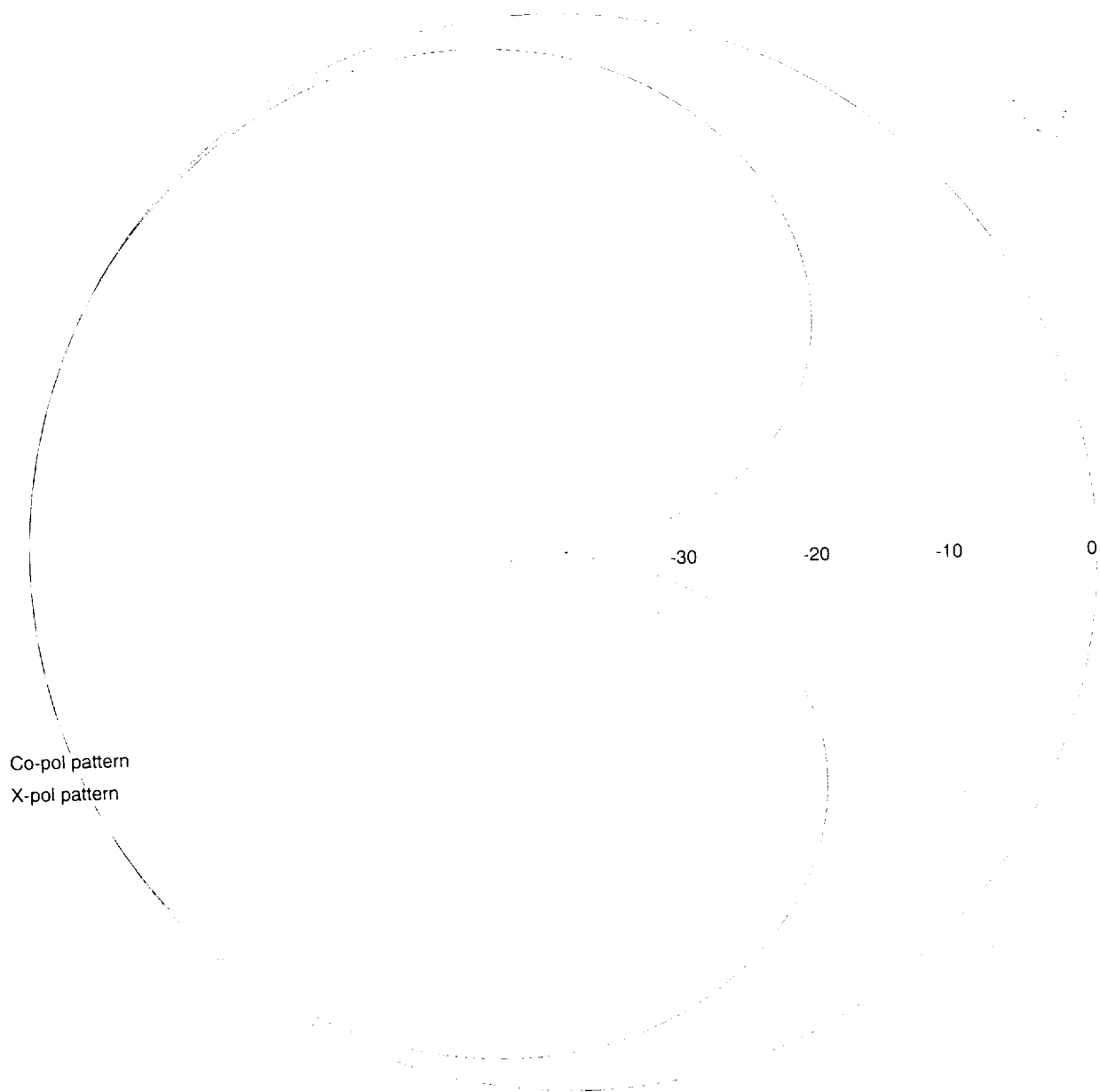
5GHz 802.11a Antenna – 100-0932-001

Electrical Specifications

Frequency Range:	5.15 – 5.35 GHz
Peak Gain:	1.8dBi Omni, 5.6dBi Pattern
VSWR:	less than 2.0:1
Polarization:	Circular
Azimuth Beamwidth:	Omnidirectional/Pattern
Power Handling:	10Watt CW
Feed Point Impedance:	50 OHMS unbalanced

Mechanical Specifications

Size:	6.378 x 2.467 x 0.123 Inches
Weight:	1.5 oz
Mounting:	Snap on UMP Connector



Pattern

Co-pol pattern
X-pol pattern

Omni

$D=1.2$

PART 100-0932-001 [PCBA,AP ACTIVE ANTENNA (A73137-001**BOM**

Rev	02 23608	Effective from	31-Aug-2001 00:00:00	to			
Item Number		Part Description	Rev	Find Num	Qty	Ref Des	
Notes							
100-SPEC-001		SPEC,QA REQUIREMENTS, PCBA	A 12707	10	0		
105-0932-001		PCBA,AP ACTIVE ANTENNA,DWG	04 23819	20	0		
130-0932-001		SCH,AP ACTIVE ANTENNA	02 23608	30	0		
200-0932-001		PCB,AP ACTIVE ANTENNA	04 23819	40	1		
209-0932-001		PCB DB,AP ACTIVE ANTENNA	04 23819	50	0		
211-0932-001		PST MSTR,AP ACTIVE ANTENNA	04 23819	60	0		
212-0932-001		PCBA,MFG,XY DATA FILE,AP ACTIVE ANTENNA	04 23819	70	0		
600-0116-001		CAP,COG,22PF,5%, 50V,0603	A2 23231	80	12	C1-C12	
420-0100-001		DIODE,PIN,100V,1A, HSMP-389C,SOT-323	A 23691	90	4	D1-D4	
240-0364-001		CONN,ULTRA-MINI COAX,RCPT,SMD	A 23245	95	2	J2, J3	
240-0386-001		CONN,RCPT,5GHz COAX,RA,SMD	A 23891	100	1	J1	
533-0051-001		FERRITE BEAD,2.5K @ A 100MHz,150mA,0805	A 23689	110	4	L1-L4	
240-0389-001		CONN,RCPT,12-POS, 2x6,1mm,VERT,SMD	A 23812	120	1	P1	
2001764		RES CHP,75.0 OHM,1%B2 0603	B2 18993	130	4	R1-R4	