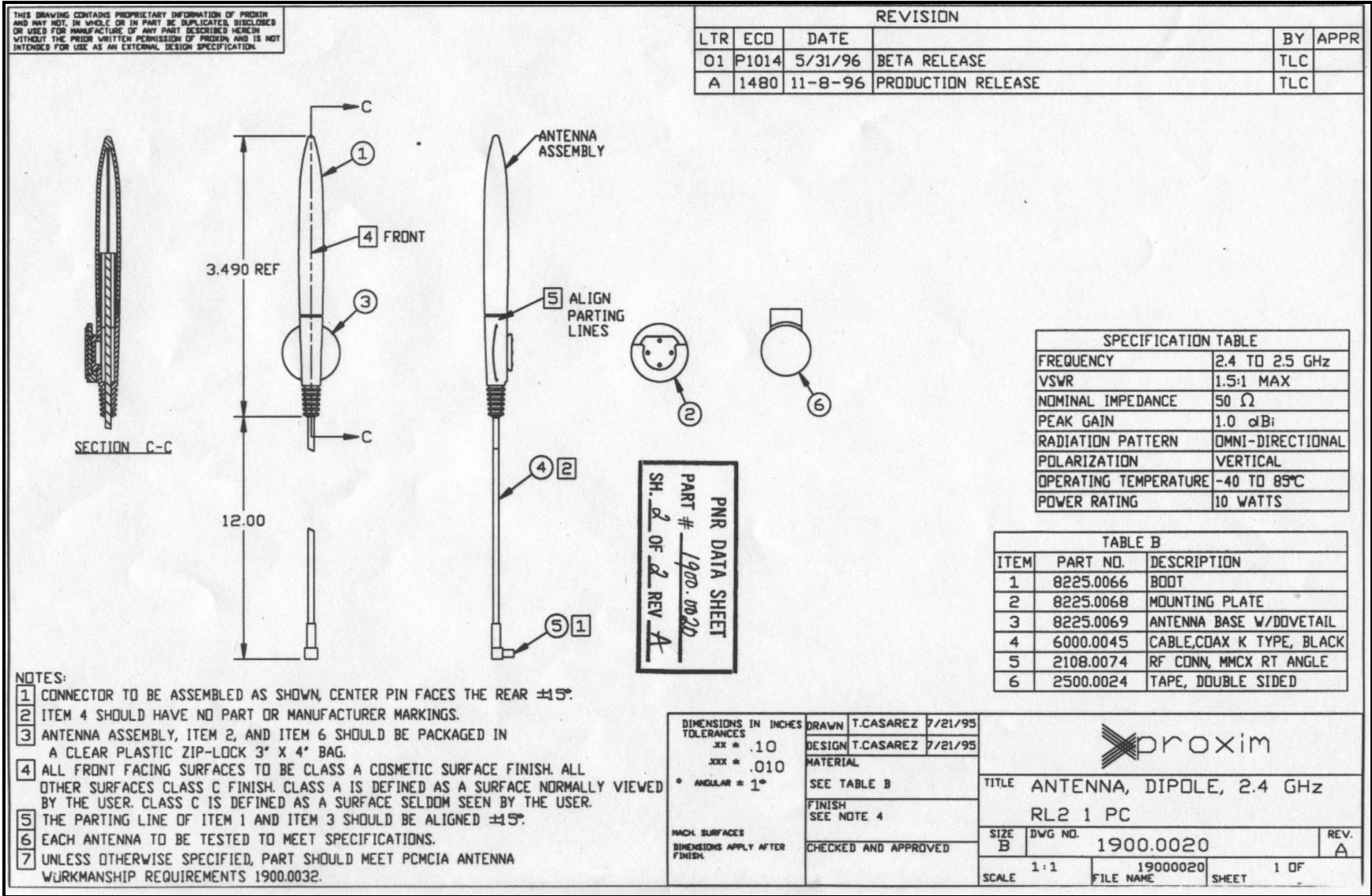
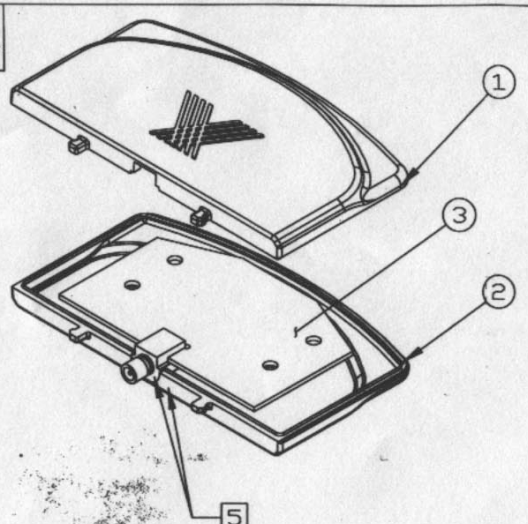




DIPOLE RL2 1PC ANTENNA

ELECTRONIC COMPLIANCE LABORATORIES, INC.
1249 BIRCHWOOD DRIVE, SUNNYVALE, CALIFORNIA 94089
408/747-1490 www.eclabs.com 800/707-LABS

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REVISION

LTR	ECO	DATE	DESCRIPTION	BY	APPR
01	P1413	7/6/98	INITIAL RELEASE	LN	
A	1962	8/26/98	ADDED WELD REQUIREMENTS & PARAMETERS	WF	BB

NOTES:

1. ANTENNA TO BE ASSEMBLED USING ULTRASONIC WELDER.
2. ULTRASONIC WELDING PARAMETERS: (RECOMMENDED FOR BRANSON920 IW+).
3. ANTENNA TO MEET ALL REQUIREMENTS.
4. NO FLASH SHOULD PROTRUDE BEYOND PERIMETER OF PLASTIC ENCLOSURE AFTER ASSEMBLY. NO GAP IN WELD JOINT GREATER THAN .050 SHOULD BE EVIDENT ALONG PARTING LINE VIEWED UNDER 10X MAGNIFICATION.
5. AFTER ASSEMBLY, CONNECTOR SURFACE SHOULD BE FLUSH WITH PLASTIC ENCLOSURE, $\pm .005$
6. WORKMANSHIP STANDARDS FOR ALL EXTERIOR SURFACES:
 - A. BLEMISHES SUCH AS ABRASIONS, FLOW MARKS, SINK MARKS, PARTING LINES, DIRT, COLOR VARIATION OR DISCOLORATION SHALL BE LESS THAN 0.020" DIA., 0.020" IN HEIGHT, AND 0.040" IN LENGTH; 1 MAX. PER SURFACE, 3 MAX PER UNIT.
 - B. VOIDS SUCH AS PITS, NICKS, SCRATCHES, CUTS AND GOUGES SHALL BE LESS THAN 0.020" DIA., 0.040" IN LENGTH, AND 0.002" DEEP; 1 MAX PER UNIT.
 - C. FLASH SHALL BE LESS THAN 0.010" IN HEIGHT AND LESS THAN .200" IN LENGTH.
 - D. NO KNIT/WELD LINES ALLOWED.

2 ASSEMBLY WELD PARAMETERS

BOOSTER	ALUM 1:1.5
MODE	TIME
LIMITS	FACTORY DEFAULTS
PRESSURE(PSI)	25
WELD TIME(ms)	125
HOLD TIME(ms)	1050

3 SPECIFICATION TABLE

FREQUENCY (GHz)	2.4 TO 2.5
VSWR	2:1
NOMINAL IMPEDANCE (Ω)	50
PEAK GAIN (dBI)	0
OPERATING TEMPERATURE(°C)	-40 TO 85
POWER RATING (WATT)	10

UNLESS OTHERWISE SPECIFIED: DRAWN L.NICOLI 06/09/98
DESIGN L.NICOLI 06/09/98
DIMENSIONS ARE IN INCHES
TOLERANCES
XX $\pm$.01 ANGULAR
XXX $\pm$.005 $\pm$ 1/2°
BREAK ALL SHARP EDGES APPROX. .010
MACHINE SURFACES
DIMENSIONS APPLY AFTER FINISH.
DO NOT SCALE DRAWING

MATERIAL N/A
FINISH N/A
CHECKED AND APPROVED MB 8/27/98

proxim

TITLE ANTENNA, SNAP-ON, LC 1 PIECE

SIZE B DWG NO. 1900.0049 REV. A

SCALE 2/1 FILE NAME 19000049 SHEET 1 OF 1

SNAP-CN LC1 ANTENNA

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Intel-AnyPoint™-HRF1 PC Card

APPENDIX E

Antenna Information

Contents:

<u>Report Information</u>	
Product Name:	AnyPoint 1PC MODEL APRW1PCC
Serial Number:	0020A638FE8D
Report Number:	9111501A
File Name:	1PCappendixE.pdf

Contact Info:

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**FREQUENCY HOPPING SPREAD SPECTRUM (FHSS) RF INTENTIONAL RADIATOR
FCC PART 15.247 SUBPART C, CLASS B CERTIFICATION**

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