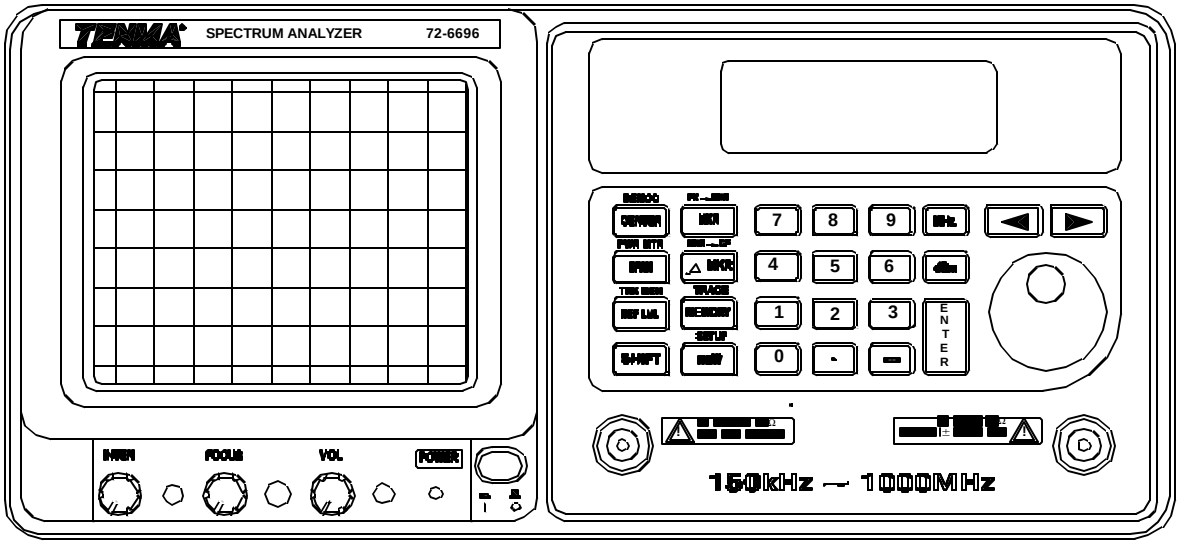
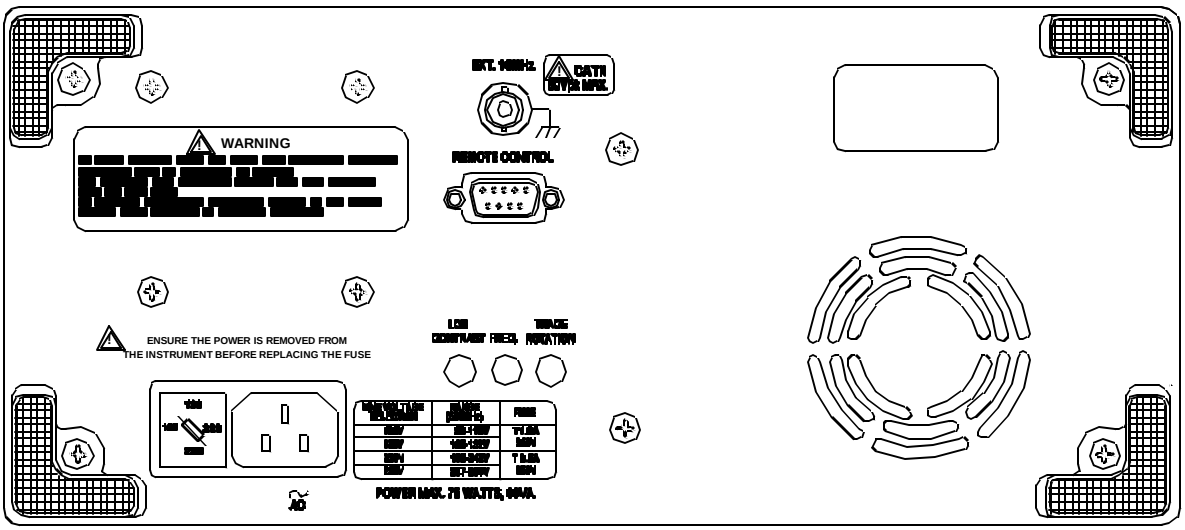
REVISIONS			DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
905	A	RELEASED	JWM	3/12/01	JC	8/13/01	DJC	8/20/01





SPC-F004.DWG

SPC TECHNOLOGY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jeff McVicker	3/12/01
CHECKED BY:	DATE:
JOHN COLE	8/13/01
APPROVED BY:	DATE:
Daniel Carey	8/20/01

DRAWING TITLE: Spectrum Analyzer

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-6696	95B8304.DWG	A

SCALE: NTS | U.O.M.: INCHES [mm] | SHEET: 1 OF 2

Specifications

Frequency

Range: 150kHz to 1000MHz
Resolution: 1kHz C.F. entry, 40 Hz Sweep resolution @ 2kHz/div.
Display: 6 1/2 digits
Control: Digital phase locked
Stability: ±2ppm/year aging, ±ppm, 0°C~50°C
Spans: Zero, 2kHz~100MHz div. in a 1-2-5 sequence

Bandwidth

Resolution: 3kHz, 30kHz, 220kHz, 4MHz
Accuracy: 15 %
Video Bandwidth: 1.6kHz / 90kHz coupled with RBW

Amplitude

Reference Level Range: -30dBm ~ +20dBm
Reference Level Accuracy: ±1 dB @ 80 MHz
Input Level Range: -100dBm to +20 dBm
Noise Floor: -95 dBm @ 30 kHz RBW, -100 dBm typical
-75 dBm: 150k~10MHz
Display Range: 75 dBm
Accuracy: ±1.5 dB typical @ 0 dBm, 80Mhz
Level Linearity: ±1.5 dB over 70 dB
Ref. Level Frequency Flatness: ±1.5 dB over 100 Mhz,
±2.5dB typical over entire band.
±3 dB: 150kHz~10MHz
Harmonic Spur Response: <-40 dBc, RF input, <selected reference
Non-Harmonic Spur Response: <-60 dBc Typical down from reference level,
average, 5 MHz/div
Intermodulation (3rd): <-70 dBc, @-40 dBm input, 2 tones, 2 MHz apart
<-45 dBc: 150kHz~10MHz
Phase Noise: -77dBc/Hz @ 1GHz, 30KHz offset
Dimensions: 310mm(W) x 150mm(H) x 455mm(D)
Weight: 8.5kg

Input

Overload Protection: +30 dBm continuous, ±25VDC
Impedance: 50 ohm nominal
Return Loss: <16 dBRL (VSWR <1.35)
Input Attenuation: 50 dB to 0 dB in 10 dB steps coupled to reference level
Connector: Type "N" female *(Cable not included)*

Marker

Number of Markers: 2
Marker resolution: 0.1 dB, 1 kHz
Marker Mode: Absolute, Relative, PK->Marker, Marker->Center
Marker Accuracy: 0.1 dB ±Amplitude accuracy

Functions

Memory: 9 memories of save/recall
Trace: Max. Hold, Average (2~32 traces), Freeze (Hold)
Set-Up: Access Parameters

General

Power Source: 100/120/220/230 AC, 10 %, 50/60Hz, Approx. 75W, 90VA
Operation Manual Included

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-6696	95B8304.dwg	A
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 2 OF 2	