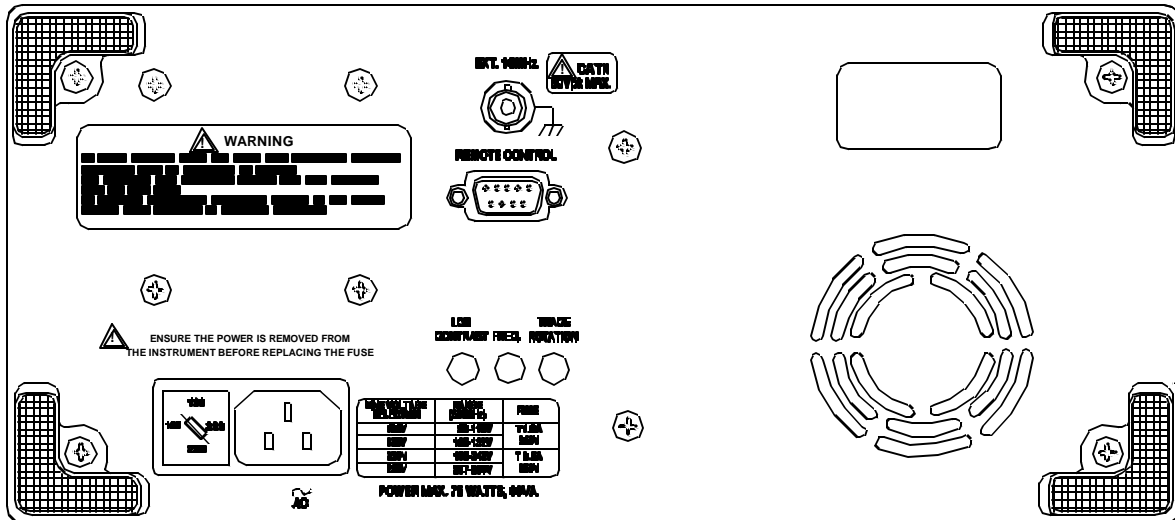
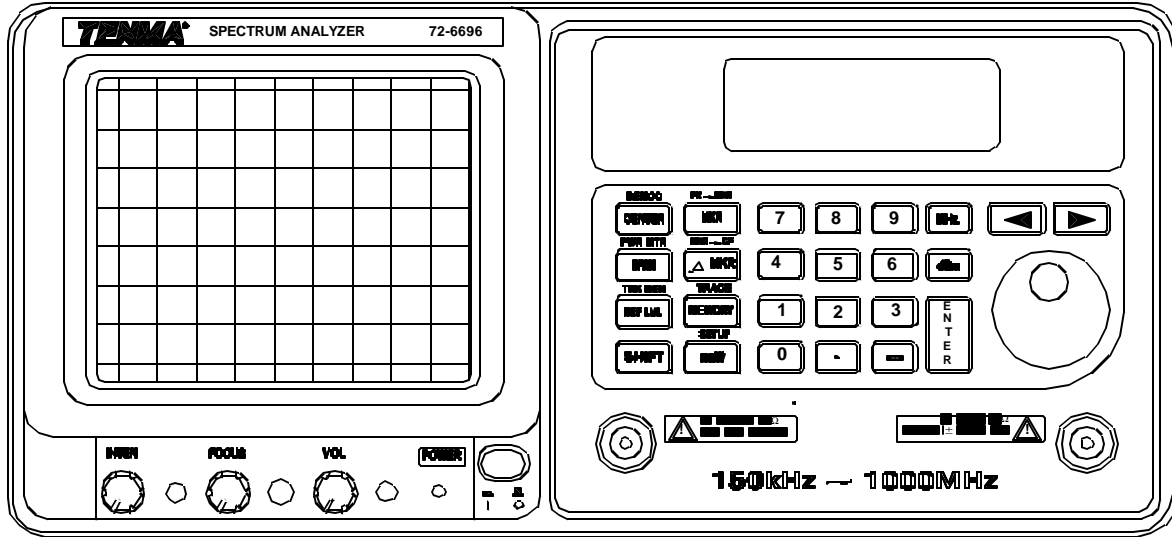


ALL RIGHTS RESERVED. NO PORTION OF THIS PUBLICATION, WHETHER IN WHOLE OR IN PART CAN BE REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY.

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

DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.



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.

A

72-6696

ELECTRONIC FILE

95B8304.DWG

REV

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