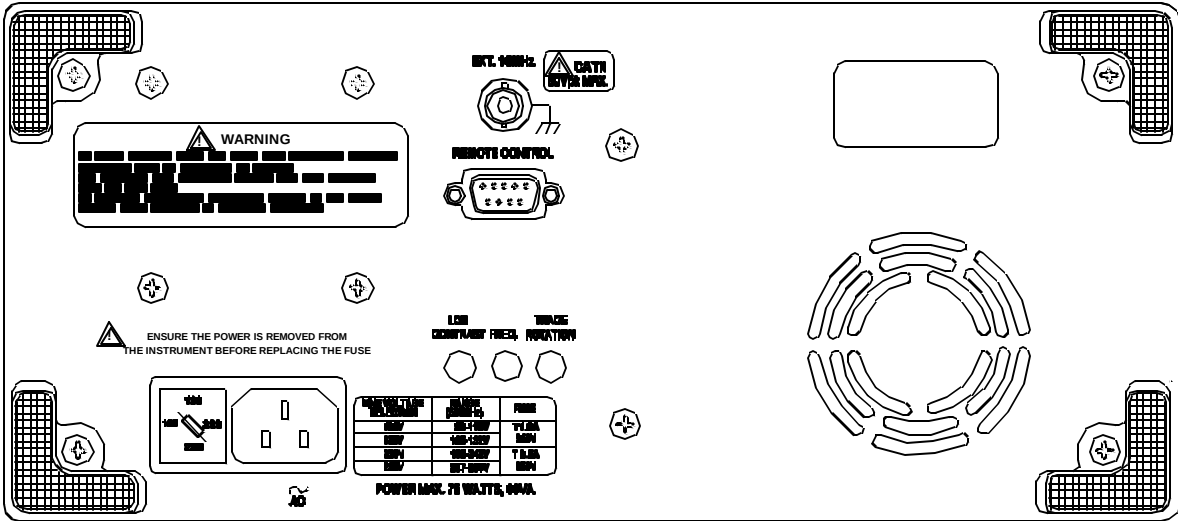
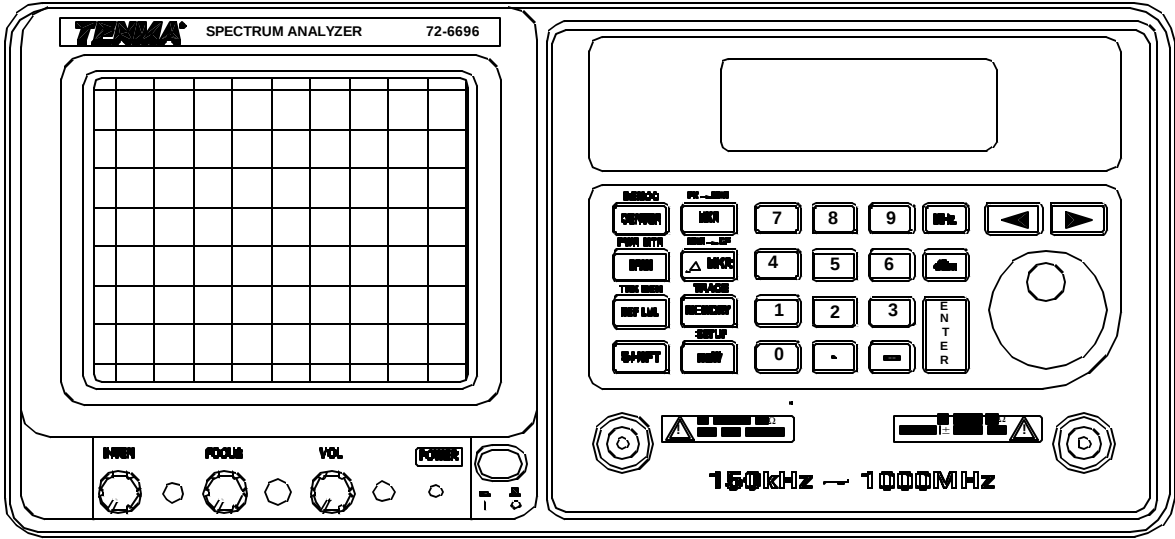


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REVISIONS			DDC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
905	A	RELEASED	JWM	3/12/01	JC	8/13/01	DJC	8/20/01



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:	DRAWING TITLE:		
	Jeff McVicker	3/12/01	Spectrum Analyzer		
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE
	JOHN COLE	8/13/01	A	72-6696	95B8304.DWG
	APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: INCHES [mm]
	Daniel Carey	8/20/01			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: ± 2 ppm/year aging, $\pm$ 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,
 ± 2.5 dB 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, ± 25 VDC

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 $\pm$ 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