

# Service Manual

**Tektronix**

**2797**  
**Spectrum Analyzer**  
**Volume 2**

**070-8642-00**

*This document is a complete scan of the  
Original Tektronix manual  
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**Warning**

The servicing instructions are for use by qualified personnel only. To avoid personal injury, do not perform any servicing unless you are qualified to do so. Refer to the Safety Summary prior to performing service.

**Please check for change information at the rear of this manual.**

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# Table of Contents

The 2797 Service Manual is divided into two volumes. Refer to the **2797 Service Manual, Volume 1** for all specifications, maintenance procedures, and parts lists.

<b>Preface</b> .....	<b>i</b>
<b>Table of Contents</b> .....	<b>iii</b>
<b>List of Figures</b> .....	<b>vii</b>
<b>Servicing Safety Summary</b> .....	<b>ix</b>
<b>Symbols and Terms</b> .....	<b>x</b>
<b>Specific Precautions</b> .....	<b>x</b>
<b>Diagrams</b> .....	<b>9-1</b>
<b>Symbols</b> .....	<b>9-1</b>
<b>Component Values</b> .....	<b>9-1</b>
<b>Graphic Items and Special Symbols Used in This Manual</b> ...	<b>9-2</b>
<b>Component Locator Diagrams</b> .....	<b>9-2</b>
<b>Block Diagram &amp; Interconnect</b>	
<b>System Function Block Diagram, B</b> ◊ <b>0</b>	
<b>RF Deck Interconnect, B</b> ◊ <b>1</b>	
<b>Options Interconnect, B</b> ◊ <b>2</b>	
<b>Mother Board, A28</b> ◊ <b>1</b> , ◊ <b>2</b>	
<b>1st Converter</b>	
<b>1st Converter Block Diagram, B</b> ◊ <b>3</b>	
<b>1st LO, 1st Converter, A16</b> ◊ <b>1</b>	
<b>2nd Converters</b>	
<b>2nd Converters Block Diagram, B</b> ◊ <b>4</b>	
<b>2nd Converter, A18</b> ◊ <b>1</b>	
<b>16-20 MHz Phase Locked 2nd LO, A22A1</b> ◊ <b>1</b>	
<b>Phase Locked 2nd LO &amp; 2200 MHz Ref/Converter, A22A2</b> ◊ <b>2</b>	
<b>719 MHz 2nd LO, A23A1</b> ◊ <b>1</b>	
<b>25 MHz Phase Lock, A23A2</b> ◊ <b>2</b>	
<b>829 MHz Harmonic Mixer, A23A3</b> ◊ <b>3</b>	
<b>829 MHz Diplexer, A23A4</b> ◊ <b>4</b>	
<b>829 MHz Amplifier, A23A5</b> ◊ <b>5</b>	

110 MHz IF Select, A23A6 ◊ 6

829 MHz 2nd Converter, A23A7 ◊ 7

**3rd Converter**

3rd Converter Block Diagram, B ◊ 5

110 MHz IF Amplifier, A32 ◊ 1

110 MHz IF Out (Option 42 Only), A32 ◊ 1

3rd Converter, A34 ◊ 1

Reference Lock, A36 ◊ 1, ◊ 2

Reference Lock (Option 02 Only), A36 ◊ 1

**IF Section**

IF Section Block Diagram, B ◊ 6

VR Mother Board #1, A68A1 ◊ 1

VR Mother Board #2, A68A2 ◊ 2

VR Input, A68A3 ◊ 3

VR 1st Filter Select, A68A4 ◊ 4, ◊ 5

VR 10 dB Gain Steps, A68A5 ◊ 6

VR 20 dB Gain Steps, A68A6 ◊ 7

VR Band Leveling, A68A7 ◊ 8

VR 2nd Filter Select, A68A8 ◊ 9, ◊ 10

Post VR Amplifier, A68A9 ◊ 11

10/100 Hz 1st Mixer, A69A1 ◊ 1

10/100 Hz Bandpass Filter, A69A2 ◊ 2

10/100 Hz 2nd Mixer, A69A3 ◊ 3

10/100 Hz Local Oscillator, A69A4 ◊ 4

Log Amplifier, Detector, & Video Amplifier, A62 ◊ 1, ◊ 2, ◊ 3, ◊ 4

**Display Control Section**

Display Control Section Block Diagram, B ◊ 7

Video Processor, A40 ◊ 1

Horizontal Digital Storage, A60 ◊ 1, ◊ 2







Vertical Digital Storage, A61 ◊ 1, ◊ 2

Deflection Amplifiers, A64 ◊ 1, ◊ 2

CRT Readout, A66 ◊ 1, ◊ 2

Z-Axis, RF Interface, & Power Status, A70 ◊ 1, ◊ 2

High Voltage, A74 ◊ 1

**Frequency Control Section**Frequency Control Section Block Diagram, B Sweep, A72   Span Attenuator, A48 1st LO Driver, A44  Center Frequency Control, A46  Preselector Driver, A42 **Counter & Phase Lock Section**Counter & Phase Lock Section Block Diagram, B Phase Gate Detector, A24 Harmonic Mixer, A25 Auxiliary Synthesizer, A26  Phase Lock Synthesizer, A50A1 Strobe Driver, A50A2 Offset Mixer, A50A3 Error Amplifier, A50A4 Controlled Oscillator, A50A5 Counter, A51  **Digital Control Section**Digital Control Section Block Diagram, B Front Panel, A38   Processor, A58  Memory, A54  ROM Banks & GPIB, A56  GPIB Interface, A30A57 Accessories Interface, A30A76 **Power Supply Section**Power Supply Section Block Diagram, B Main Power Supply, A30A1  Fan Drive, A30A2 



# List of Figures

Figure 9-1: Graphic Items and Special Symbols Used in This Manual .....	9-2
Figure 9-2: Locating Components on Circuit Board or Schematic Diagram .....	9-3
Figure 9-3: Other Parts Component Locator .....	9-4
Figure 9-4: A16A1, A18A1, and A19 .....	9-5
Figure 9-5: A22A1 16-20 MHz Phase Lock .....	9-6
Figure 9-6: A22A2A1 2182 MHz Microstrip Oscillator .....	9-7
Figure 9-7: A22A2A2 2200 MHz Reference .....	9-8
Figure 9-8: A22A2A3 2200 MHz Reference Mixer .....	9-9
Figure 9-9: A23A1 719 MHz 2nd LO .....	9-10
Figure 9-10: A23A2 25 MHz Phase Lock .....	9-11
Figure 9-11: A23A3 829 MHz Harmonic Mixer .....	9-12
Figure 9-12: A23A4 829 MHz Diplexer and A23A5 829 MHz Amplifier .....	9-13
Figure 9-13: A23A6 110 MHz IF Select and A23A7 829 MHz 2nd Converter .....	9-14
Figure 9-14: A26A1 Auxiliary Synthesizer .....	9-15
Figure 9-15: A26A1 Component Locator .....	9-16
Figure 9-16: A30A1 Main Power Supply .....	9-17
Figure 9-17: A30A1 Component Locator .....	9-18
Figure 9-18: A30A2 Fan Drive .....	9-19
Figure 9-19: A30A3 EMI Filter .....	9-20
Figure 9-20: A30A76 Accessories Interface and A32 110 MHz Amplifier .....	9-21
Figure 9-21: A34A1 100 MHz Osc. and 3rd Converter .....	9-22
Figure 9-22: A34A3A1 50/75 $\Omega$ Cal Out .....	9-23
Figure 9-23: A36A1 Reference Lock (Standard) .....	9-24
Figure 9-24: A36A1 Reference Lock (Option 02) .....	9-25
Figure 9-25: A36A2 Reference Lock Regulator (Standard) .....	9-26
Figure 9-26: A38 Front Panel (Front) .....	9-27
Figure 9-27: A38 Front Panel (Back) .....	9-28
Figure 9-28: A38 Front Panel Component Locator .....	9-29
Figure 9-29: A40 Video Processor .....	9-30
Figure 9-30: A40 Component Locator .....	9-31
Figure 9-31: A42 Preselector Driver .....	9-32
Figure 9-32: A42 Component Locator .....	9-33
Figure 9-33: A44A1 1st LO Driver .....	9-34
Figure 9-34: A44A1 Component Locator .....	9-35
Figure 9-35: A46 Center Frequency Control .....	9-36
Figure 9-36: A46 Component Locator .....	9-37

Figure 9-37: A48A1 Span Attenuator .....	9-38
Figure 9-38: A50A1 Synthesizer .....	9-39
Figure 9-39: A50A2 Strobe Driver .....	9-40
Figure 9-40: A50A3 Offset Mixer .....	9-41
Figure 9-41: A50A4 Error Amplifier .....	9-42
Figure 9-42: A50A5 Controlled Oscillator .....	9-43
Figure 9-43: A51A1 Counter .....	9-44
Figure 9-44: A51A1 Component Locator .....	9-45
Figure 9-45: A54 Memory .....	9-46
Figure 9-46: A56 ROM Banks & GPIB .....	9-47
Figure 9-47: A56 ROM Banks & GPIB Component Locator .....	9-48
Figure 9-48: A58 Processor .....	9-49
Figure 9-49: A58 Component Locator .....	9-50
Figure 9-50: A60 Horizontal Digital Storage .....	9-51
Figure 9-51: A61 Vertical Digital Storage .....	9-52
Figure 9-52: A62 Log & Video Amplifier .....	9-53
Figure 9-53: A62 Component Locator .....	9-54
Figure 9-54: A62 Component Locator (Cont.) .....	9-55
Figure 9-55: A64 Deflection Amplifiers .....	9-56
Figure 9-56: A64 Component Locator .....	9-57
Figure 9-57: A66 CRT Readout .....	9-58
Figure 9-58: A66 Component Locator .....	9-59
Figure 9-59: A68A1 VR Mother #1 .....	9-60
Figure 9-60: A68A2 VR Mother #2 .....	9-61
Figure 9-61: A68A3 VR Input .....	9-62
Figure 9-62: A68A4 VR 1st Filter Select .....	9-63
Figure 9-63: A68A4 Component Locator .....	9-64
Figure 9-64: A68A5 VR 10 dB Gain Steps .....	9-65
Figure 9-65: A68A6 VR 20 dB Gain Steps .....	9-66
Figure 9-66: A68A7 VR Band Leveling .....	9-67
Figure 9-67: A68A8 2nd Filter Select .....	9-68
Figure 9-68: A68A8 Component Locator .....	9-69
Figure 9-69: A68A9 Post VR Amplifier .....	9-70
Figure 9-70: A69A1 1st Mixer .....	9-71
Figure 9-71: A69A2 10 Hz/100 Hz Bandpass Filter .....	9-72
Figure 9-72: A69A3 2nd Mixer and A69A4 Local Oscillator .....	9-73
Figure 9-73: A70 Z-Axis, RF Interface and Power Status .....	9-74
Figure 9-74: A70 Component Locator .....	9-75
Figure 9-75: A72 Sweep .....	9-76
Figure 9-76: A72 Component Locator .....	9-77
Figure 9-77: A74 High Voltage .....	9-78



# Diagrams

This section contains the, block diagrams, circuit board illustrations, component locator tables, and schematic diagrams for the 2797.

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## Symbols

Graphic symbols and class designation letters are based on ANSI Standard Y32.2-1975. Abbreviations are based on ANSI Y1.1-1972.

Logic symbology is based on ANSI/IEEE Standard 91-1984 in terms of positive logic. Logic symbols depict the logic function performed and can differ from the manufacturer's data.

The tilde (~) preceding a signal name indicates that the signal performs its intended function when in the low state.

Other standards used in the preparation of diagrams by Tektronix, Inc., include the following:

- Tektronix Standard 062-2475 Symbols and Practices for Schematic Drafting
- ANSI Y14.159-1971 Interconnection Diagrams
- ANSI Y32.16-1975 Reference Designations for Electronic Equipment
- MIL-HDBK-63078-1A Military Standard Technical Manual Writing Handbook

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## Component Values

Electrical components shown on the diagrams are in the following units unless noted otherwise:

Capacitors: Values one or greater are in picofarads (pF). Values less than

one are in microfarads ( $\mu$ F).

Resistors: Values are in Ohms ( $\Omega$ ).

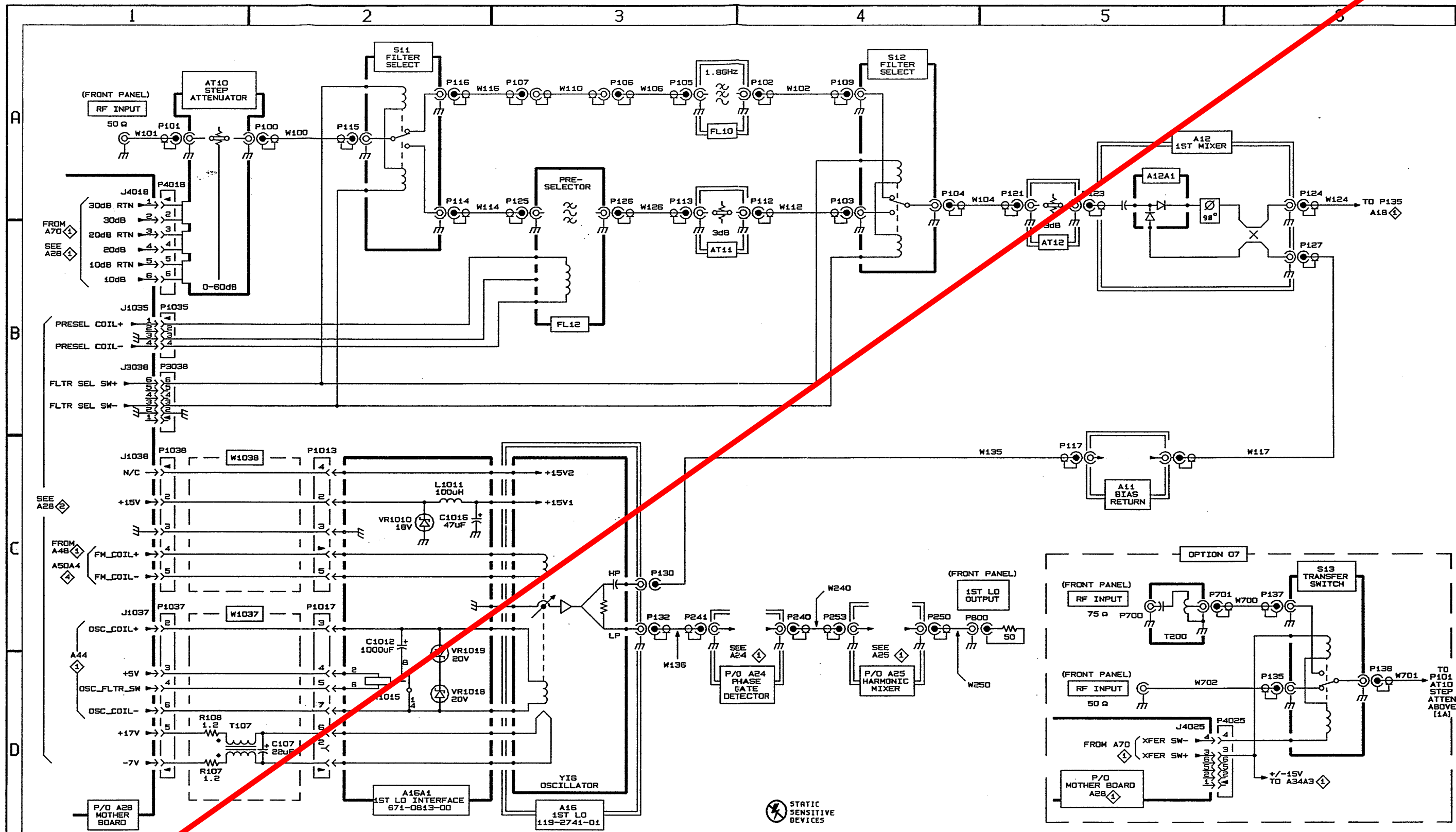
## **MANUAL CHANGE INFORMATION**

At Tektronix, we continually strive to keep up with latest electronic developments by adding circuit and component improvements to our instruments as soon as they are developed and tested.

Sometimes, due to printing and shipping requirements, we can't get these changes immediately into printed manuals. Hence, your manual may contain new change information on following pages.

A single change may affect several sections. Since the change information sheets are carried in the manual until all changes are permanently entered, some duplication may occur. If no such change pages appear following this page, your manual is correct as printed.





2797

1ST LO, 1ST CONVERTER A16

STATIC SENSITIVE DEVICES

