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Apr. 1967	Quartz thermometer .....	2800 Series	Apr. 1968	Signal analyzer and averager .....	5480A
<b>R</b>					
Sept. 1967	Random noise .....	3722A	May 1968	Signal analyzer, pulsar measurement .....	5480A
Nov. 1966	Ratiometer .....	3420A/B	Jan. 1968	Signal generator, sweeper .....	675A
May 1966	Receiver, vector voltmeter used as ..	8405A	Aug. 1968	Signal generator, sweeper .....	8601A
July 1967	Recorder, ink, eight channel .....	7848A	Sept. 1965	Signal-to-noise improvement with sampling recorder .....	1782A-1784A
Sept. 1965	Recorder, oscilloscope plug-in .....	1784A	Apr. 1968	Signal-to-noise improvement by averaging .....	5480A
Sept. 1965	Recording fast waveforms .....	1782A-1784A	Mar. 1968	Single-channel analyzer .....	5583A
Sept. 1965	Recording noisy signals .....	1782A-1784A	Oct. 1965	Single-sideband converter .....	10514A
Feb. 1967	Reflection coefficient measurements, swept-frequency .....	8410A	Sept. 1966	'Sliding nulls,' elimination of .....	4260A
May 1966	Reflection coefficient measurements with vector voltmeter .....	8405A	Nov. 1967	Sound analysis (loudness) .....	8051A
Apr. 1966	Resistor, adjustable standard .....	11102A-11105A	Feb. 1967	S-parameters for network design ..	—
Sept. 1965	Resistance measurements, with autoranging analog meter .....	414A	Feb. 1967	S-parameter measurements, swept-frequency .....	8410A
Feb. 1968	Resolution function of TV picture monitor .....	6945A	May 1966	S-parameter measurements with vector voltmeter .....	8405A
May 1966	RFI detection with vector voltmeter .....	8405A	Jan. 1968	Spectrum analysis .....	8441A, 852A, 8551B
Mar. 1966	RFI measurements, 10 kHz to 40 GHz .....	K15-8551B	Aug. 1968	Spectrum analyzer, 1 kHz to 110 MHz .....	8552A/8553L
May 1966	RF vector voltmeter .....	8405A	Sept. 1966	Spectrum analyzer calibrator .....	8406A
June 1966	Rise time converters for TDR .....	10452A-10456A	Mar. 1966	Spectrum analyzer converter .....	K15-8551B
July 1968	Rubidium vapor frequency standard .....	5065A	Jan. 1968	Spectrum analyzer, preselector for ..	8441A
Jan. 1967	RX meter .....	250A	Jan. 1968	Spectrum analyzer, variable-persistence display .....	852A
<b>S</b>					
July 1966	Sampling, coherent and incoherent ..	—	Nov. 1967	Speech analysis using loudness analyzer .....	8051A
May 1966	Sampling, conversion of low-frequency instruments with vector voltmeter .....	8405A	Feb. 1968	Spot profile of TV picture tube .....	6946A
July 1966	———, with sampling voltmeter .....	3406A	Nov. 1965	Square wave generator .....	3300A
Oct. 1966	Sampling device, wideband feedthrough .....	—	Apr. 1966	Stability, emitter follower .....	—
Oct. 1966	Sampling oscilloscope plug-ins dc to 12.4 GHz .....	1410A, 1424A, 1425A, 1411A/1430-32A	Nov. 1965	Stability measurement, microwave frequency .....	2590A/5100A
Sept. 1965	Sampling recorder .....	1782A-1784A	Oct. 1965	Stability measurements, frequency ..	10514A
<b>S</b>					
July 1966	Sampling, coherent and incoherent ..	—	Mar. 1966	Standard cell comparisons .....	419A, 735A
May 1966	Sampling, conversion of low-frequency instruments with vector voltmeter .....	8405A	Nov. 1965	Standard frequency and time broadcast .....	—
July 1966	———, with sampling voltmeter .....	3406A	Apr. 1966	Standard resistors .....	11102A-11105A
Oct. 1966	Sampling device, wideband feedthrough .....	—	Dec. 1966	Standing wave ratio, swept-frequency measurement in coax .....	817A
Oct. 1966	Sampling oscilloscope plug-ins dc to 12.4 GHz .....	1410A, 1424A, 1425A, 1411A/1430-32A	May 1968	Storage oscilloscopes .....	141A, 181A
Sept. 1965	Sampling recorder .....	1782A-1784A	Jan. 1966	Stratospheric warming .....	—
<b>S</b>					
July 1966	Sampling, coherent and incoherent ..	—	Aug. 1966	Stripline delay line, compact .....	—
May 1966	Sampling, conversion of low-frequency instruments with vector voltmeter .....	8405A	July 1966	Substitution loss measurement .....	415E
July 1966	———, with sampling voltmeter .....	3406A	June 1966	Susceptance, calibrated, for TDR ..	874A
Oct. 1966	Sampling device, wideband feedthrough .....	—	Mar. 1967	Sweep frequency measurements .....	5210A
Oct. 1966	Sampling oscilloscope plug-ins dc to 12.4 GHz .....	1410A, 1424A, 1425A, 1411A/1430-32A	May 1968	Sweeper plug-in .....	3305A
Sept. 1965	Sampling recorder .....	1782A-1784A	Jan. 1968	Sweeping signal generator .....	675A
<b>S</b>					
July 1966	Sampling, coherent and incoherent ..	—	May 1968	Sweeping signal generator .....	3300A/3305A

**PART II Subject Index (continued)**

Month/Year	Subject	Model	Month/Year	Subject	Model
Aug. 1968	Sweeper/generator, 0.1 to 110 MHz	8601A	Feb. 1968	Units, changes in International System	—
July 1966	SWR meter	415E	Aug. 1968	Units, correction	—
Oct. 1967	Synthesizer, frequency	5105A/5110B	Sept. 1966	Universal bridge	4260A
June 1968	Systems-oriented digital power source	6130A	Jan. 1967	Universal bridge	4260A

**T**

Dec. 1966	Tape recorder, 1.5 MHz	3950A
June 1966	TDR, calibrated susceptance for	874A
Oct. 1966	TDR, 40-ps	1105A/1106A
Jan. 1966	TDR in liquids	140A/1415A
June 1966	TDR in 75Ω systems	10457A, 10458A
Feb. 1966	TDR measurement of liquids — Correction	1415A
June 1966	TDR, rise time converters for	10452A– 10456A
Apr. 1967	Temperature measurements, ocean	2800 Series
Aug. 1967	Testing, production, high-go-low	3434A
Oct. 1967	Thermal resistance of diodes	—
June 1968	Thermal transfer measurement	745A
Apr. 1967	Thermometer, quartz	2800 Series
July 1968	Time-shared computer system	2000A
Aug. 1966	Time synchronization, world-wide 1966	5060A
Dec. 1967	Time synchronization, 1967	5061A
Nov. 1965	Tone-burst generator	3302A/3300A
Apr. 1966	Total harmonic distortion measurements	331A, 334A
Aug. 1968	Tracking generator for spectrum analyzer	8601A, 8552A/8553L
May 1966	Transfer function measurements with vector voltmeter	8405A
Feb. 1968	Transfer oscillator plug-in for counters 50 MHz–18 GHz	5257A
Mar. 1966	Transfer standard, dc voltage	735A
Oct. 1967	Transform methods (tables)	—
May 1966	Transistor parameter measurements with vector voltmeter	8405A
Oct. 1966	Trigger countdown, 18 GHz	1104A/1106A
Nov. 1965	Trigger/phase-lock plug-in	3302A
Oct. 1966	Tunnel diode mount	1106A
Feb. 1966	TV network test signals	191A
Feb. 1968	TV picture monitor	6946A
Feb. 1966	TV waveform oscilloscope	191A

**U**

May 1967	Ultrasonic translators	116, 117, 118, 4905A, 4917A, 4918A, 4950A
June 1967	Units, International System of, and prefixes	—

**V**

Jan. 1968	Variable-persistence display for spectrum analyzer	852A
May 1968	Variable persistence oscilloscopes	181A, 141A
Jan. 1967	Vector impedance meters	4800A, 4815A
May 1966	Vector voltmeter	8405A
Feb. 1966	Vertical interval test signals (VITS)	191A
Nov. 1965	Voltage-controlled function generator	3300A
Apr. 1966	Voltage divider, precision	11102A– 11105A
June 1968	Voltage sources, digital	6130A, 6933A
Mar. 1966	Voltage standard, dc portable	735A
Jan. 1968	Voltage-tunable YIG filter	8441A
Sept. 1965	Voltmeter, automatic ranging	414A
Oct. 1965	Voltmeter ac/dc differential	741A
May 1967	Voltmeter, ac microvolts	3410A
May 1966	Voltmeter, multifunction, battery powered	427A
July 1966	Voltmeter preamplifier	465A
Nov. 1966	Voltmeter/ratiometer, dc	3420A/B
Mar. 1966	Voltmeter, dc null	419A
Jan. 1966	Voltmeters, 10 Hz–10 MHz ac average-responding	400E/EL
July 1966	Voltmeter, sampling	3406A
May 1966	Voltmeter, vector	8405A

**W**

June 1968	Waveform distortion, effects on calibration	745A
Dec. 1966	Wavemeters, coaxial	536A, 537A
Oct. 1965	'Which DC Voltmeter'	AN 69
Sept. 1965	Wideband amplifier, with oscilloscope	461A/462A
Jan. 1968	Wideband sweep generator	675A

**X**

Sept. 1966	X-band frequency converter plug-in	5255A
Sept. 1965	X-Y recorder, fast waveforms on	1782A
Dec. 1967	X-Y-Z Display, large-screen	1300A

**Y**

Jan. 1968	YIG filter	8441A
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## PART III Model Number Index

Model	Instrument	Month/Year	Model	Instrument	Month/Year
107AR	Frequency Standard (application of)	Nov. 1965	1425A	Plug-in Sampling Time Base and Delay Generator .....	Oct. 1966
116, 117, 118,					
4905A, 4917A,	Ultrasonic Translator .....	May 1967	1430A	Remote Sampler for 1411A,	
4918A, 4950A				$t_r < 28$ ps .....	Oct. 1966
140A, 141S,	Display Sections .....	Aug. 1968	1431A	Remote Sampler for 1411A,	
143S				dc to 12.4 GHz .....	Oct. 1966
141A	Variable Persistence Oscilloscope ..	May 1968	1432A	Remote Sampler for 1411A,	
155A	Programmable Oscilloscope .....	June 1966		dc to 4 GHz .....	Oct. 1966
180A	50 MHz Oscilloscope .....	Aug. 1966	1550A	Programmer .....	June 1966
181A	Variable Persistence Oscilloscope ..	May 1968	1782A	Display Scanner Plug-in (for 175A)	Sept. 1965
190A	Q Meter (application of) .....	Jan. 1967	1784A	Recorder Plug-in (for 175A) .....	Sept. 1965
191A	Television Waveform Oscilloscope	Feb. 1966	1801A	Dual Channel Vertical Amplifier	
197A	Oscilloscope Camera .....	Aug. 1966		Plug-in .....	Aug. 1966
250A	RX Meter (application of) .....	Jan. 1967	1820A	Horizontal Time Base Plug-in .....	Aug. 1966
260A	Q Meter (application of) .....	Jan. 1967	1821A	Horizontal Time Base and Delay	
				Generator Plug-in .....	Aug. 1966
331A			2000A	Time-shared Computer System .....	July 1968
to	Distortion Analyzers .....	Apr. 1966	2116A	Computer (application of) .....	Feb. 1967
334A			2116A	Computer .....	Mar. 1967
354A	Coaxial Step Attenuators .....	June 1967	2350 Series	Hot Carrier Diodes .....	Dec. 1965
400E/EL	10 Hz-10 MHz AC Voltmeter .....	Jan. 1966	2470A	Data Amplifier .....	July 1967
414A	Autovoltmeter .....	Sept. 1965	2590A	Frequency Converter	
415E	SWR Meter .....	July 1966		(application of) .....	Nov. 1965
419A	DC Null Voltmeter .....	Mar. 1966	2801A	Quartz Thermometer .....	Apr. 1967
427A	Multifunction Voltmeter .....	May 1966	2832A	Temperature Sensor Assembly .....	Apr. 1967
448A	Slotted-line Sweep Adapter .....	Dec. 1966	2833A	Temperature Sensor Assembly .....	Apr. 1967
461A/462A	Wideband Amplifiers		3300A	Function Generator .....	Nov. 1965
	(application of) .....	Sept. 1965	3301A	Auxiliary Plug-in for Function	
463A	Precision Amplifier .....	May 1967		Generator .....	Nov. 1965
465A	Amplifier .....	July 1966	3302A	Trigger/Phase-lock Plug-in .....	Nov. 1965
536A, 537A	Coaxial Frequency Meters .....	Dec. 1966	3305A	Sweep Plug-in .....	May 1968
675A	Sweeping Signal Generator .....	Jan. 1968	3406A	Sampling Voltmeter .....	July 1966
735A	DC Transfer Standard .....	Mar. 1966	3410A	AC Microvoltmeter .....	May 1967
741A	AC-DC Differential Voltmeter/ DC Standard .....	Oct. 1965	3420A/B	DC Differential Voltmeter/ Ratiometer .....	Nov. 1966
745A	AC Calibrator .....	June 1968	3434A	Comparator .....	Aug. 1967
780 Series	Patient Monitoring Equipment .....	June 1967	3722A	Noise Generator .....	Sept. 1967
817A	Swept Slotted Line System .....	Dec. 1966	3950 Series	Tape Recorder .....	Dec. 1966
852A	Variable-persistence Display Unit for Spectrum Analyzer .....	Jan. 1968	4260A	Universal Bridge .....	Sept. 1966
874A	Calibrated Susceptance .....	June 1966	4260A	Universal Bridge (application of) .....	Jan. 1967
1104A/1106A	18-GHz Trigger Countdown .....	Oct. 1966	4800A	Vector Impedance Meter .....	Jan. 1967
1105A/1106A	20-ps Pulse Generator .....	Oct. 1966	4815A	RF Vector Impedance Meter .....	Jan. 1967
1106A	Tunnel Diode Mount .....	Oct. 1966	4905A, 4917A,		
1300A	X-Y-Z Display .....	Dec. 1967	4918A, 4950A,	Ultrasonic Translator .....	May 1967
1407A	DC-stabilized Sensitive Plug-in .....	June 1966	116, 117, 118		
1410A	Plug-in Sampling Vertical Amplifier, dc to 1 GHz .....	Oct. 1966	5060A	Cesium-beam Frequency Standard ..	Aug. 1966
1411A	Plug-in Sampling Vertical Amplifier	Oct. 1966	5060A	Cesium-beam Frequency Standard ..	Oct. 1966
1415A	Time Domain Reflectometer (application of) .....	Jan. 1966	5061A	Cesium-beam Frequency Standard ..	Dec. 1967
1424A	Plug-in Sampling Time Base .....	Oct. 1966	5065A	Rubidium Vapor Frequency Standard .....	July 1968
			5100A/5110A	Frequency Synthesizer (application of) .....	Nov. 1965

**PART III Model Number Index (continued)**

Model	Instrument	Month/Year	Model	Instrument	Month/Year
5105A/5110B	Frequency Synthesizer .....	Oct. 1967	8405A	Vector Voltmeter .....	May 1966
5210A	Frequency Meter/FM Discriminator .....	Mar. 1967	8405A	Vector Voltmeter (application of) .....	Jan. 1967
5216A	Integrated-circuit Counter .....	Aug. 1967	8406A	Frequency Comb Generator .....	Sept. 1966
5221A	Integrated-circuit Counter .....	Aug. 1967	8410A, (8411A,	Network Analyzer, 0.1 to 12.4 GHz	Feb. 1967
5240A	12.4 GHz Digital Frequency Meter	Apr. 1967	8413A, 8414A, 8740A, 8741A, 8742A)		
5255A	Frequency Converter Plug-in, 3-12.4 GHz .....	Sept. 1966	8441A	Preselector .....	Jan. 1968
5256A	Frequency Converter Plug-in, 8-18 GHz .....	Feb. 1968	8491A, 8491B, 8492A	Coaxial Attenuators .....	June 1967
5257A	Transfer Oscillator Plug-in, 50 MHz-18 GHz .....	Feb. 1968	8551B	Spectrum Analyzer RF Unit .....	Jan. 1968
5260A	Frequency Divider .....	Apr. 1967	K15-8551B	Spectrum Analyzer Converter .....	Mar. 1966
5400A	Multichannel Analyzer .....	Mar. 1968	8552A/8553L	Spectrum Analyzer .....	Aug. 1968
5480A	Signal Analyzer and Averager .....	Apr. 1968	8601A	Generator/Sweeper .....	Aug. 1968
5480A	Signal Analyzer and Averager (application of) .....	May 1968	8875A	Data Amplifier .....	July 1967
5554A	Preamplifier .....	Mar. 1968	10452A to	Rise Time Converter .....	June 1966
5580A/B	NIM Bin .....	Mar. 1968	10456A		
5582A	Linear Amplifier .....	Mar. 1968	10457A to	50- to 75-ohm Adapter .....	June 1966
5583A	Single Channel Analyzer .....	Mar. 1968	10458A		
6130A	Digital Voltage Source .....	June 1968	10514A	Double-balanced Mixer, 0.2-500 Mc/s .....	Oct. 1965
6933A	Digital-to-analog Converter .....	June 1968	10515A	Frequency Doubler, 0.5-500 Mc/s	Oct. 1965
6945A, 6946A	Television Picture Monitor .....	Feb. 1968	11102A to	Standard Resistors .....	Apr. 1966
7848A	Eight-channel Ink Recorder .....	July 1967	11105A		
7858A, 7868A,	Eight-channel Ink Recording Systems .....	July 1967			
7878A					
8051A	Loudness Analyzer .....	Nov. 1967			