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June 1966	Oscilloscope plug-in, dc stabilized ..	1407A
July 1966	Oscilloscope preamplifier	465A
June 1966	Oscilloscope, programmable, push-button, dc stabilized	155A
Feb. 1966	Oscilloscope, TV waveform	191A
Oct. 1966	Oscilloscope, wideband sampling ..	1410A, 1424A, 1425A, 1411A/1430-32A, (for 140A, 141A)
May 1968	Oscilloscopes, variable persistence ..	181A, 141A

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June 1967	Patient monitoring equipment	780 Series
Oct. 1965	Phase detector 0.2-500 Mc/s	10514A
Nov. 1965	Phase-locked function generator	3302A/3300A
May 1966	Phase margin measurement with vector voltmeter	8405A
Feb. 1967	Phase measurements, swept-frequency	8410A
May 1966	Phase measurements with vector voltmeter	8405A
Oct. 1967	Phase noise in frequency synthesizers	—
Mar. 1967	Phase noise measurements with a pulse discriminator	5210A
May 1966	Phase tracking measurement with vector voltmeter	8405A
Mar. 1966	Picoammeter	419A
Feb. 1968	Picture monitor, TV	6946A
July 1966	Power measurement with sampling voltmeter	3406A
June 1968	Power supply, digital	6130A
Mar. 1968	Preamplifier, charge-sensitive	5554A
July 1966	Preamplifier, low noise	465A
Dec. 1966	Preamplifier, magnetic tape	—
May 1967	Precision ac amplifier	463A
Nov. 1966	Precision dc voltage measurements ..	3420A/B
Nov. 1966	Precision divider, how to construct ..	3420A/B
July 1968	Precision frequency standards	—
Feb. 1968	Precision TV picture monitor	6946A
Apr. 1966	Precision voltage divider	11102A-11105A
Jan. 1968	Preselector for spectrum analyzer ..	8441A
Aug. 1967	Production tests, high-go-low	3434A
May 1967	Production testing, ultrasonic	4950A
Nov. 1965	Programmable function generator ..	3300A
June 1966	Programmable oscilloscope	155A/1550A
Aug. 1968	Programmable signal generator	8601A
June 1968	Programmable voltage sources	6130A, 6933A
Sept. 1967	Pseudo-random noise	3722A
May 1968	Pulsar experiment	5480A
Mar. 1967	Pulse discriminator/frequency meter	5210A

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Month/Year	Subject	Model	Month/Year	Subject	Model
Oct. 1966	Pulse generator for TDR, 20-ps rise time	1105A/1106A	July 1966	Sampling voltmeter	3406A
Feb. 1968	Pulsed RF carrier frequency measurements to 18 GHz	5257A	Oct. 1967	Semiconductor diodes, thermal resistance measurement of	—
Q			Nov. 1966	Semiconductor material characteristics, measurement of ..	—
Jan. 1967	Q meter	190A, 260A	Apr. 1968	Signal analyzer and averager	5480A
Apr. 1967	Quartz thermometer	2800 Series	May 1968	Signal analyzer, pulsar measurement	5480A
R			Jan. 1968	Signal generator, sweeper	675A
Sept. 1967	Random noise	3722A	Aug. 1968	Signal generator, sweeper	8601A
Nov. 1966	Ratiometer	3420A/B	Sept. 1965	Signal-to-noise improvement with sampling recorder	1782A-1784A
May 1966	Receiver, vector voltmeter used as ..	8405A	Apr. 1968	Signal-to-noise improvement by averaging	5480A
July 1967	Recorder, ink, eight channel	7848A	Mar. 1968	Single-channel analyzer	5583A
Sept. 1965	Recorder, oscilloscope plug-in	1784A	Oct. 1965	Single-sideband converter	10514A
Sept. 1965	Recording fast waveforms	1782A-1784A	Sept. 1966	'Sliding nulls,' elimination of	4260A
Sept. 1965	Recording noisy signals	1782A-1784A	Nov. 1967	Sound analysis (loudness)	8051A
Feb. 1967	Reflection coefficient measurements, swept-frequency	8410A	Feb. 1967	S-parameters for network design	—
May 1966	Reflection coefficient measurements with vector voltmeter	8405A	Feb. 1967	S-parameter measurements, swept-frequency	8410A
Apr. 1966	Resistor, adjustable standard	11102A-11105A	May 1966	S-parameter measurements with vector voltmeter	8405A
Sept. 1965	Resistance measurements, with autoranging analog meter	414A	Jan. 1968	Spectrum analysis	8441A, 852A, 8551B
Feb. 1968	Resolution function of TV picture monitor	6945A	Aug. 1968	Spectrum analyzer, 1 kHz to 110 MHz	8552A/8553L
May 1966	RFI detection with vector voltmeter	8405A	Sept. 1966	Spectrum analyzer calibrator	8406A
Mar. 1966	RFI measurements, 10 kHz to 40 GHz	K15-8551B	Mar. 1966	Spectrum analyzer converter	K15-8551B
May 1966	RF vector voltmeter	8405A	Jan. 1968	Spectrum analyzer, preselector for ..	8441A
June 1966	Rise time converters for TDR	10452A-10456A	Jan. 1968	Spectrum analyzer, variable-persistence display	852A
July 1968	Rubidium vapor frequency standard	5065A	Nov. 1967	Speech analysis using loudness analyzer	8051A
Jan. 1967	RX meter	250A	Feb. 1968	Spot profile of TV picture tube	6946A
S			Nov. 1965	Square wave generator	3300A
July 1966	Sampling, coherent and incoherent ..	—	Apr. 1966	Stability, emitter follower	—
May 1966	Sampling, conversion of low-frequency instruments with vector voltmeter	8405A	Nov. 1965	Stability measurement, microwave frequency	2590A/5100A
July 1966	———, with sampling voltmeter	3406A	Oct. 1965	Stability measurements, frequency ..	10514A
Oct. 1966	Sampling device, wideband feedthrough	—	Mar. 1966	Standard cell comparisons	419A, 735A
Oct. 1966	Sampling oscilloscope plug-ins dc to 12.4 GHz	1410A, 1424A, 1425A, 1411A/1430-32A	Nov. 1965	Standard frequency and time broadcast	—
Sept. 1965	Sampling recorder	1782A-1784A	Apr. 1966	Standard resistors	11102A-11105A
			Dec. 1966	Standing wave ratio, swept-frequency measurement in coax	817A
			May 1968	Storage oscilloscopes	141A, 181A
			Jan. 1966	Stratospheric warming	—
			Aug. 1966	Stripline delay line, compact	—
			July 1966	Substitution loss measurement	415E
			June 1966	Susceptance, calibrated, for TDR ..	874A
			Mar. 1967	Sweep frequency measurements	5210A
			May 1968	Sweeper plug-in	3305A
			Jan. 1968	Sweeping signal generator	675A
			May 1968	Sweeping signal generator	3300A/3305A

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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			V		
Dec. 1966	Tape recorder, 1.5 MHz	3950A	Jan. 1968	Variable-persistence display for spectrum analyzer	852A
June 1966	TDR, calibrated susceptance for	874A	May 1968	Variable persistence oscilloscopes ..	181A, 141A
Oct. 1966	TDR, 40-ps	1105A/1106A	Jan. 1967	Vector impedance meters	4800A, 4815A
Jan. 1966	TDR in liquids	140A/1415A	May 1966	Vector voltmeter	8405A
June 1966	TDR in 75Ω systems	10457A, 10458A	Feb. 1966	Vertical interval test signals (VITS)	191A
Feb. 1966	TDR measurement of liquids — Correction	1415A	Nov. 1965	Voltage-controlled function generator	3300A
June 1966	TDR, rise time converters for	10452A—10456A	Apr. 1966	Voltage divider, precision	11102A—11105A
Apr. 1967	Temperature measurements, ocean	2800 Series	June 1968	Voltage sources, digital	6130A, 6933A
Aug. 1967	Testing, production, high-go-low	3434A	Mar. 1966	Voltage standard, dc portable	735A
Oct. 1967	Thermal resistance of diodes	—	Jan. 1968	Voltage-tunable YIG filter	8441A
June 1968	Thermal transfer measurement	745A	Sept. 1965	Voltmeter, automatic ranging	414A
Apr. 1967	Thermometer, quartz	2800 Series	Oct. 1965	Voltmeter ac/dc differential	741A
July 1968	Time-shared computer system	2000A	May 1967	Voltmeter, ac microvolts	3410A
Aug. 1966	Time synchronization, world-wide 1966	5060A	May 1966	Voltmeter, multifunction, battery powered	427A
Dec. 1967	Time synchronization, 1967	5061A	July 1966	Voltmeter preamplifier	465A
Nov. 1965	Tone-burst generator	3302A/3300A	Nov. 1966	Voltmeter/ratiometer, dc	3420A/B
Apr. 1966	Total harmonic distortion measurements	331A, 334A	Mar. 1966	Voltmeter, dc null	419A
Aug. 1968	Tracking generator for spectrum analyzer	8601A, 8552A/8553L	Jan. 1966	Voltmeters, 10 Hz–10 MHz ac average-responding	400E/EL
May 1966	Transfer function measurements with vector voltmeter	8405A	July 1966	Voltmeter, sampling	3406A
Feb. 1968	Transfer oscillator plug-in for counters 50 MHz–18 GHz	5257A	May 1966	Voltmeter, vector	8405A
Mar. 1966	Transfer standard, dc voltage	735A	W		
Oct. 1967	Transform methods (tables)	—	June 1968	Waveform distortion, effects on calibration	745A
May 1966	Transistor parameter measurements with vector voltmeter	8405A	Dec. 1966	Wavemeters, coaxial	536A, 537A
Oct. 1966	Trigger countdown, 18 GHz	1104A/1106A	Oct. 1965	'Which DC Voltmeter'	AN 69
Nov. 1965	Trigger/phase-lock plug-in	3302A	Sept. 1965	Wideband amplifier, with oscilloscope	461A/462A
Oct. 1966	Tunnel diode mount	1106A	Jan. 1968	Wideband sweep generator	675A
Feb. 1966	TV network test signals	191A	X		
Feb. 1968	TV picture monitor	6946A	Sept. 1966	X-band frequency converter plug-in	5255A
Feb. 1966	TV waveform oscilloscope	191A	Sept. 1965	X-Y recorder, fast waveforms on ..	1782A
U			Dec. 1967	X-Y-Z Display, large-screen	1300A
May 1967	Ultrasonic translators	116, 117, 118, 4905A, 4917A, 4918A, 4950A	Y		
June 1967	Units, International System of, and prefixes	—	Jan. 1968	YIG filter	8441A

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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,				Remote Sampler for 1411A,	
4905A, 4917A,	Ultrasonic Translator	May 1967	1430A	$t_r < 28$ ps	Oct. 1966
4918A, 4950A				Remote Sampler for 1411A,	
140A, 141S,	Display Sections	Aug. 1968	1431A	dc to 12.4 GHz	Oct. 1966
143S				Remote Sampler for 1411A,	
141A	Variable Persistence Oscilloscope ..	May 1968	1432A	dc to 4 GHz	Oct. 1966
155A	Programmable Oscilloscope	June 1966	1550A	Programmer	June 1966
180A	50 MHz Oscilloscope	Aug. 1966	1782A	Display Scanner Plug-in (for 175A)	Sept. 1965
181A	Variable Persistence Oscilloscope ..	May 1968	1784A	Recorder Plug-in (for 175A)	Sept. 1965
190A	Q Meter (application of)	Jan. 1967	1801A	Dual Channel Vertical Amplifier	
191A	Television Waveform Oscilloscope	Feb. 1966		Plug-in	Aug. 1966
197A	Oscilloscope Camera	Aug. 1966	1820A	Horizontal Time Base Plug-in	Aug. 1966
250A	RX Meter (application of)	Jan. 1967	1821A	Horizontal Time Base and Delay	
260A	Q Meter (application of)	Jan. 1967		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/		3420A/B	DC Differential Voltmeter/	
	DC Standard	Oct. 1965		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		4260A	Universal Bridge	Sept. 1966
	for Spectrum Analyzer	Jan. 1968	4260A	Universal Bridge (application of)	Jan. 1967
874A	Calibrated Susceptance	June 1966	4800A	Vector Impedance Meter	Jan. 1967
1104A/1106A	18-GHz Trigger Countdown	Oct. 1966	4815A	RF Vector Impedance Meter	Jan. 1967
1105A/1106A	20-ps Pulse Generator	Oct. 1966	4905A, 4917A,		
1106A	Tunnel Diode Mount	Oct. 1966	4918A, 4950A,	Ultrasonic Translator	May 1967
1300A	X-Y-Z Display	Dec. 1967	116, 117, 118		
1407A	DC-stabilized Sensitive Plug-in	June 1966	5060A	Cesium-beam Frequency Standard ..	Aug. 1966
1410A	Plug-in Sampling Vertical		5060A	Cesium-beam Frequency Standard ..	Oct. 1966
	Amplifier, dc to 1 GHz	Oct. 1966	5061A	Cesium-beam Frequency Standard ..	Dec. 1967
1411A	Plug-in Sampling Vertical Amplifier	Oct. 1966	5065A	Rubidium Vapor Frequency	
1415A	Time Domain Reflectometer			Standard	July 1968
	(application of)	Jan. 1966	5100A/5110A	Frequency Synthesizer	
1424A	Plug-in Sampling Time Base	Oct. 1966		(application of)	Nov. 1965

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