

Anritsu RF & Microwave Handheld Analyzers Solutions Selection Matrix

Models		Cable and Antenna Analyzers					Base Station Analyzers	Spectrum Analyzers				Vector Network Analyzers			PIM Analyzers	
		Site Master™					LMR Master™	Field Master Pro™ / Spectrum Master™				VNA Master™			PIM Master™	
		Value		Mid-Level Performance		High Performance	Mid-Level Performance	Value	Mid-Level Performance	High Performance		Mid-Level Performance	High Performance	High Performance		
Options (See Specifications for a complete list of measurements)	Option Numbers	S331P	S331L	S331E S361E	S332E S362E	S820E	S412E	MS2070A	MS2080A	MS2720T	MS2090A	MS2024B MS2025B	MS2034B MS2035B	MS2036C	MW82119B	
Cable and Antenna Analyzer																
Frequency Range		150 kHz to 476 GHz	2 MHz to 4 GHz	2 MHz to 4 / 6 GHz	2 MHz to 4 / 6 GHz	1 MHz to 40 GHz	500 kHz to 1.6 GHz					500 kHz to 4 / 6 GHz	500 kHz to 4 / 6 GHz		2 MHz to 3 GHz	
1-port Measurements		Standard	Standard	Standard	Standard	Standard	Standard					Standard	Standard		Option 331	
2-port 1-path Measurements												Standard	Standard			
2-port Transmission Measurement	0021			Option	Option	Standard				With TG Option						
2-port Swept Cable Loss Measurement (external USB sensor required)			Standard			Standard										
USB Sensor Transmission Measurement		Option				Option										
Spectrum Analyzer																
Frequency Range						9 kHz to 4 / 6 GHz		9 kHz to 1.6 GHz	9 kHz to 3 GHz	9 kHz to 4/6 GHz	9 kHz to 20 GHz	9 kHz to 54 GHz		9 kHz to 6 GHz	9 kHz to 9 GHz	
Modulation bandwidth								10 MHz	20 MHz	Up to 40 MHz	20 MHz	Up to 110 MHz				
Preamplifier	0008					Standard		Standard	Option	Standard	Standard	Standard		Standard	Standard	
Interference Analyzer	24 or 25					Option		Option	Option	Option	Option	Option		Option	Option	
Channel Scanner	27															
AM/FM Measurements	509					Option		Option	Option	Option	Option	Option		Option		
Gated Sweep	0090					Option										
Zero-Span IF Output	0089 / 0024							Option								
EMF Measurements	0444					Option		Option	Option	Option	Option	Option		Option	Option	
Handheld InterferenceHunter™	MA2700A					Option		Option	Option	Option	Option	Option		Option	Option	
Mobile Interference Hunter™	MX280007A					Option		Option	Option	Option	Option	Option		Option	Option	
Coverage Mapping (Indoors and Outdoors)	0431					Option		Option	Option - RF only	Option - RF & demods	Option - RF & demods	Option - RF & demods		Option	Option	
RTSA	0199									Option	Option	Option				
IQ Capture	0124 / 0126									Option	Option	Option				
IQ Streaming	0125 / 0127									Option	Option	Option				
Pulse Analyzer	0421										Option	Option				
Vector Network Analyzer																
Frequency Range								500 kHz to 1.6 GHz see Frequency Opt.					500 kHz to 4 / 6 GHz	500 kHz to 4 / 6 GHz	5 kHz to 6 GHz	
S-Parameters								S_{11}, S_{21}					S_{11}, S_{21}		$S_{11}, S_{21}, S_{12}, S_{22}$	
Vector Voltmeter	0015							Option					Option	Option	Option	
Time Domain and Distance Domain	0002														Option	
Distance Domain only								Standard							Standard	
Balanced/Differential S-Parameters, 1-port	0077														Option	
Frequency Options																
6 GHz (for Spectrum Analyzer Mode)	0006							Option								LTE Bands
6 GHz (for Cable and Antenna and VNA Analyzer Mode)	0016							Option								Name
8 GHz	0708															Op
9 GHz	0709															12, 13, 14, 17
13 GHz	0713															28
14 GHz	0714															20
20 GHz	0720															5
30 GHz	0730															8
32 GHz	0732															3
40 GHz	0740															8
43.5 GHz	0743															3
54 GHz																2,4
Signal Generators																
Tracking Generator (TG) 3, 4, or 6 GHz	0020															
Tracking Generator (TG) 9 GHz	0809															
Tracking Generator (TG) 13 GHz	0813															
Tracking Generator (TG) 20 GHz	0820															
CW Generator	0028															
Vector Signal Generator (VSG)	0023															
Power Meters																
Power Meter (using instrument receler)	0029															
High Accuracy Power Meter Support (using USB power sensor)	0019															
Wireless Signal Measurements																
Demodulation Hardware	0009															
GSM/GPRS/EDGE Measurements	0880															
W-CDMA/HSPA+ Measurements	0881															
TD-SCDMA/HSPA+ Measurements	0882															
LTE Measurements FDD and TDD	0883															
5G NR	0888															
CDMA2000 1xEV-DO Measurements	0884															
Fixed/Mobile WiMAX Measurements	0885															
Land Mobile Radio Measurements																
NBFM Measurements																
P25 and P25 Phase 2 Measurements	0521	0522														
NXDN Measurements	0531	0532														
DMR2 Measurements	0591	0592														
PTC Measurements	0721	0722														
TETRA Measurements	0581	0582														
General																
GNSS Receiver	0031															
Bias Tee (built-in)	0010															
Secure Data Operation	0007															
Ethernet Connectivity	0411															
USB Type A																
USB Type C																
Test Port Connectors																
Standard / Premium Calibration	0098 / 0099															

