

Anritsu RF & Microwave Handheld Analyzers Solutions

Models		Cable and Antenna Analyzers					Base Station Analyzers			Spectrum Analyzers				Vector Network Analyzers			PIM Analyzers
		Site Master™					LMR Master™	BTS Master™		Spectrum Master™ / Field Master Pro™				VNA Master™			PIM Master™
Options (See Specifications for a complete list of measurements)		Value		Mid-Level Performance		High Performance	Mid-Level Performance	High Performance	Value	Mid-Level Performance	High Performance		Mid-Level Performance		High Performance	High Performance	
		S331P	S331L	S331E S361E	S332E S362E	S820E	S412E	MT8220T	MS2711E	MS2713E	MS2720T	MS2090A	MS2024B MS2025B	MS2034B MS2035B	MS2036C	MW82119B	
M																	
Frequency Range		150 kHz to 4/6 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	400 MHz to 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	Standard		Option 331	
2-port 1-path Measurements													Standard	Standard			
2-port Transmission Measurement		0021															
2-port Swept Cable Loss Measurement (external USB sensor required)			Standard						In Option 0020	In Option 0020	In TG Option						
USB Sensor Transmission Measurement																	
Spectrum Analyzer																	
Frequency Range					9 kHz to 4 / 6 GHz		9 kHz to 1.6 GHz	150 kHz to 7.1 GHz	9 kHz to 3 GHz	9 kHz to 6 GHz	9 kHz to 43 GHz	9 kHz to 54 GHz		9 kHz to 6 GHz	9 kHz to 9 GHz		
Preamplifier		0008			Standard		Standard	Standard	*	Standard	Standard	Standard		Standard	Standard		
Interference Analyzer / Channel Scanner		0025 / 0027			*		*	*	*	*	*	*		*	*		
AM/FM/PM Measurements		509			*		*	*	*	*	*	*		*	*		
Gated Sweep		0090			*		*	*	*	*	*	*		*	*		
Zero-Span IF Output / IQ Waveform Capture		0089 / 0024			*		*	*	*	*	*	*		*	*		
EMF Measurements		0444			*		*	*	*	*	*	*		*	*		
Handheld InterferenceHunter™		MA2700A			*		*	*	*	*	*	*		*	*		
Mobile Interference Hunter™		MX280007A			*		*	*	*	*	*	*		*	*		
Coverage Mapping (Indoors and Outdoors)		0431			*		*	*	*	*	*	*		*	*		
TRX NEON® Signal Mapping (3D In-Building)		MA8100A			*		*	*	*	*	*	*		*	*		
RTSA																	
IQ Capture																	
IQ Streaming											*	*		*	*		
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}	$S_{11}, S_{21}, S_{12}, S_{22}$	$S_{11}, S_{21}, S_{12}, S_{22}$	
Vector Voltmeter		0015					*							*	*	*	
Time Domain and Distance Domain		0002												*	*	*	
Distance Domain only							Standard						Standard	Standard	Standard		
Balanced/Differential S-Parameters, 1-port		0077													*		
Frequency Options																	LTE Bands
6 GHz (for Spectrum Analyzer Mode)		0006					*										12, 13, 14, 17
6 GHz (for Cable and Antenna and VNA Analyzer Mode)		0016					*										28
8 GHz		0708				*											12, 13, 14, 17
9 GHz		0709				*						*					20
13 GHz		0713				*						*					5
14 GHz		0714				*						*					8
20 GHz		0720				*						*					3
30 GHz		0730				*						*					2,4
32 GHz		0732				*						*					1
40 GHz		0740				*						*					7
43 GHz		0743				*						*					
54 GHz						*						*					
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			*		Standard	In VSG Option	In TG Option	In TG Option	In TG Option	In TG Option					
Vector Signal Generator (VSG)		0023			*			*									
Power Meters																	
Power Meter		0029		Standard	*		Standard	Standard	*	*	*	*	*	*	*	*	*
High Accuracy Power Meter Support (requires USB power sensor)		0019		Standard	*	*	Standard	*	*	*	*	*	*	*	*	*	*
Wireless Signal Measurements																	
Demodulation Hardware		0009					Standard	Standard	ALL	RF, MOD, OTA	ALL	Standard					
GSM/GPRS/EDGE Measurements		0880					*	*	*	*	*	*					
W-CDMA/HSPA+ Measurements		0881					*	*	*	*	*	*					
TD-SCDMA/HSPA+ Measurements		0882					*	*	*	*	*	*					
LTE Measurements FDD and TDD		0883					FDD: 541, 542, 546 TDD: 551, 552, 556	*	*	*	*	*					
5G NR		0888						*	*	*	*	*					
CDMA2000 1xEV-DO Measurements		0884						*	*	*	*	*					
Fixed/Mobile WiMAX Measurements		0885					*	*	*	*	*	*					
Digital TV Signal Measurements		Analyzer	SFN	BER													
DVB-T/H Measurements		0064	0078	0057							*						
ISDB-T Measurements		0030	0032	0079							*						
Land Mobile Radio Measurements		Analyzer	Coverage														
NBFM Measurements							Standard										
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 Options																	
GPS Receiver		0031		2000-1723-R	*	*	2000-1723-R	*	Standard	*	*	*	*	*	*	*	*
Bias Tee (built-in)		0010			*	*		*	*	*	*	*	*	*	*	*	*
Secure Data Operation		0007			*	*		*	*	*	*	*	*	*	*	*	*
Ethernet Connectivity		0411			*	*	Standard	Standard	*	Standard	*	Standard	Standard	Standard	Standard	Standard	
K Test Port Connectors		0011			*	*	Standard ≥ 20 GHz			Standard ≥ 32 GHz	*						
Standard / Premium Calibration		0098 / 0099			*	*	*	*	*	*	*	*	*	*	*	*	*

