

Signal Analyzer

MS2850A

MS2850A-047: 9 kHz to 32 GHz MS2850A-046: 9 kHz to 44.5 GHz



This explains how to order the new MS2850A and MS2850A retrofit options and measurement software. Follow the steps below to select the MS2850A configuration.

Functions marked "standard" are built-in. Options and measurement software can be added as necessary.

Steps for New Purchase

Step 1. Select Maximum Frequency Range (Required option; Frequency range not upgradeable.)

Outline	Option No.	Additional Information
Frequency range: 9 kHz to 32 GHz	MS2850A-047	Spectrum Analyzar/Signal Analyzar (Analysis Dandwidth 255 MHz)
Frequency range: 9 kHz to 44.5 GHz	MS2850A-046	Spectrum Analyzer/Signal Analyzer (Analysis Bandwidth 255 MHz)

The following options are installed as standard and do not require separate orders when ordering the MS2850A-046/047.

Standard Software MX269000A
Analysis Bandwidth 255 MHz MS2850A-032
Microwave Preselector Bypass MS2850A-067

Step 2. Select Analysis Bandwidth

Outline	Option No.	Additional Information
Analysis Bandwidth 255 MHz	Standard	
Analysis Bandwidth Extension to 510 MHz	MS2850A-033	Extend the analysis bandwidth to 510 MHz.
Applysis Dandwidth Fytonsion to 1 CUs	MS2850A-034	Extend the analysis bandwidth to 1 GHz.
Analysis Bandwidth Extension to 1 GHz	WIS285UA-U34	★: Requires MS2850A-033

Step 3. Add Measurement Software

Outline	Option No.	Additional Information		
5G Standard Measurement Software (Base License)	MX285051A	Base license of software that measures RF Tx characteristics of base stations and terminals using various digital wireless methods expected to be used at 5G. *: This license can't be used alone. *: Requires MX285051A-001 and/or 051		
Pre-Standard CP-OFDM Downlink	MX285051A-001	Supports measurement of the RF characteristics of CP-OFDM modulation downlink signals expected to be used for 5G demonstration tests and test operations. *: Requires MX285051A		
Pre-Standard CP-OFDM Uplink	MX285051A-051	Supports measurement of the RF characteristics of CP-OFDM modulation uplink signals expected to be used for 5G demonstration tests and test operations. *: Requires MX285051A		
W-CDMA/HSPA Downlink Measurement Software	MX269011A	Supports W-CDMA/HSPA/HSPA Evolution compliant BS, and measurement of device RF Tx characteristics.		
W-CDMA/HSPA Uplink Measurement Software	MX269012A	Supports W-CDMA/HSPA/HSPA Evolution compliant UE and measurement of device RF Tx characteristics.		
GSM/EDGE Measurement Software	MX269013A	Supports GSM/EDGE (EGPRS) compliant BS, and measurement of UE and device RF Tx characteristics.		
EDGE Evolution Measurement Software	Supports EDGE Evolution (EGPRS2) compliant BS, and measurement of UE ar RF Tx characteristics. *: Requires MX269013A			
TD-SCDMA Measurement Software	MX269015A	Supports TD-SCDMA compliant repeaters, BS, and measurement of UE and device RF Tx characteristics.		
Vector Modulation Analysis Software	MX269017A	Supports evaluation of RF Tx characteristics of digital radio equipment and components for wide range of applications ranging from public facilities and private industry to aerospace and satellite.		
APSK Analysis	MX269017A-001	Supports measuring RF Tx characteristics of 16/32APSK modulation signal. *: Requires MX269017A		
Higher-Order QAM Analysis	MX269017A-011	Supports measuring RF Tx characteristics of 512/1024/2048QAM modulation signal. * : Requires MX269017A		
LTE Downlink Measurement Software	MX269020A	Supports evaluation of 3GPP LTE FDD downlink signal Tx characteristics.		
LTE-Advanced FDD Downlink Measurement Software	MX269020A-001	Supports evaluation of 3GPP LTE-Advanced FDD downlink signal Tx characteristics. * : Requires MX269020A		
LTE Uplink Measurement Software	MX269021A	Supports evaluation of 3GPP LTE FDD uplink signal Tx characteristics.		
LTE-Advanced FDD Uplink Measurement Software	MX269021A-001	Supports evaluation of 3GPP LTE-Advanced FDD uplink signal Tx characteristics. *: Requires MX269021A		
LTE TDD Downlink Measurement Software	MX269022A	Supports evaluation of 3GPP LTE TDD downlink signal Tx characteristics.		
LTE-Advanced TDD Downlink Measurement Software	MX269022A-001	Supports evaluation of 3GPP LTE-Advanced TDD downlink signal Tx characteristics. *: Requires MX269022A		
LTE TDD Uplink Measurement Software	MX269023A	Supports evaluation of 3GPP LTE TDD uplink signal Tx characteristics.		
LTE-Advanced TDD Uplink Measurement Software	MX269023A-001	Supports evaluation of 3GPP LTE-Advanced TDD uplink signal Tx characteristics. *: Requires MX269023A		

Step 4. Add Other Signal Analyzer Options

Outline	Option No.	Additional Information
Phase Noise Measurement Function	MS2850A-010	Adds frequency offset range 10 Hz to 10 MHz phase noise measurement.
Noise Figure Measurement Function	MS2850A-017	Adds Noise Figure Measurement function. Noise Figure is measured with the measurement method of Y-factor method which uses a Noise Source*. *: Noisecom, NC346 series
Noise Floor Reduction	MS2840A-051	The Noise Floor Reduction (NFR) function increases the measurement accuracy for low-level signals. It subtracts the internal noise components (11 dB max. nominal) of the measuring instrument itself from the displayed measurement result.
Microwave Preamplifier	MS2850A-068	Increases level sensitivity from 100 kHz to 32 GHz/44.5 GHz
Low Second Harmonic Distortion	MS2850A-076	This option improves DANL and second harmonic distortion over 4 GHz when Preamp is Off and Microwave Preselector Bypass is Off.
Secondary Storage Device	MS2850A-011	This removable secondary SSD is installed in the secondary SSD Option Slot of the MS2850A main frame to expand the user data storage space. It does not have the Windows OS installed. The MS2850A ships with it installed. Only one expansion SSD can be installed in the MS2850A.
External Interface for High Speed Data Transfer PCIe	MS2850A-053	The digitized data file for the large wideband signal data captured by the main unit is transferred at high speed to the PC using PCIe connector.
External Interface for High Speed Data Transfer USB3.0	MS2850A-054	The digitized data file for the large wideband signal data captured by the main unit is transferred at high speed to the PC using USB3.0 connector.

Step 5. Add Accessories

Outline	Option No.	Additional Information
Inline Peak Power Sensor (350 MHz to 4 GHz)	MA24105A	Supports 350 MHz to 4 GHz and operates on Windows.
USB Power Sensor (50 MHz to 6 GHz)	MA24106A	Supports 50 MHz to 6 GHz and operates on Windows.
Microwave USB Power Sensor (10 MHz to 8 GHz)	MA24108A	Supports 10 MHz to 8 GHz and operates on Windows.
Microwave USB Power Sensor (10 MHz to 18 GHz)	MA24118A	Supports 10 MHz to 18 GHz and operates on Windows.
Microwave USB Power Sensor (10 MHz to 26 GHz)	MA24126A	Supports 10 MHz to 26 GHz and operates on Windows.
High Performance Waveguide Mixer (50 GHz to 75 GHz)	MA2806A	It has the good features of both a harmonic mixer and a down converter and is ideal for spectrum analysis of millimeter-wave (50 GHz to 75 GHz) wireless transmitters now being used for future wider-band applications, such as IEEE 802.11ad W-LAN modules and wireless backhaul, etc.
High Performance Waveguide Mixer (60 GHz to 90 GHz)	MA2808A	It has the good features of both a harmonic mixer and a down converter and is ideal for spectrum analysis of millimeter-wave (60 GHz to 90 GHz) wireless transmitters now being used for future wider-band applications, such as wireless backhaul, automotive radar, etc.
External Mixer (26.5 GHz to 40 GHz)	MA2741C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (33 GHz to 50 GHz)	MA2742C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (40 GHz to 60 GHz)	MA2743C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (50 GHz to 75 GHz)	MA2744C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (60 GHz to 90 GHz)	MA2745C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (75 GHz to 110 GHz)	MA2746C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (90 GHz to 140 GHz)	MA2747C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (110 GHz to 170 GHz)	MA2748C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (140 GHz to 220 GHz)	MA2749C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (170 GHz to 260 GHz)	MA2750C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.
External Mixer (220 GHz to 325 GHz)	MA2751C	It is a harmonic mixer for spectrum analysis of millimeter-wave transmitters.

Retrofit to Current MS2850A

Hardware Option Retrofit

The following hardware options can be retrofitted. Order the Z1957A Installation Kit as well. The MS2850A must be returned to the Anritsu plant for hardware retrofitting.

Model	/Order No.	Name	Reference Steps
	MS2850A-133	Analysis Bandwidth Extension to 510 MHz Retrofit	2
	MS2850A-134	Analysis Bandwidth Extension to 1 GHz Retrofit	2
	MS2850A-110	Phase Noise Measurement Function Retrofit	
	MS2850A-117	Noise Figure Measurement Function Retrofit	
Handware Ontions	MS2850A-151	Noise Floor Reduction Retrofit	
Hardware Options	MS2850A-168	Microwave Preamplifier Retrofit	1
	MS2850A-176	Low Second Harmonic Distortion Retrofit	4
	MS2850A-111	Secondary Storage Device Retrofit	
	MS2850A-153	External Interface for High Speed Data Transfer PCIe Retrofit	
	MS2850A-154	External Interface for High Speed Data Transfer USB3.0 Retrofit	
Application Parts	Z1957A	Installation Kit (Required when retrofitting options or installing software)	_

Software Option Retrofit

The following software options can be retrofitted. Order the Z1957A Installation Kit as well. The MS2850A does not require return to the Anritsu plant for software retrofitting.

Model/C	order No.	Name	Reference Steps
	MX285051A	5G Standard Measurement Software (Base License)	
	MX285051A-001	Pre-Standard CP-OFDM Downlink	
	MX285051A-051	Pre-Standard CP-OFDM Uplink	
	MX269011A	W-CDMA/HSPA Downlink Measurement Software	
	MX269012A	W-CDMA/HSPA Uplink Measurement Software	
	MX269013A	GSM/EDGE Measurement Software	
	MX269013A-001	EDGE Evolution Measurement Software	
	MX269015A	TD-SCDMA Measurement Software	
	MX269017A	Vector Modulation Analysis Software	
Measurement Software	MX269017A-001	APSK Analysis	3
	MX269017A-011	Higher-Order QAM Analysis	
	MX269020A	LTE Downlink Measurement Software	
	MX269020A-001	LTE-Advanced FDD Downlink Measurement Software	
	MX269021A	LTE Uplink Measurement Software	
	MX269021A-001	LTE-Advanced FDD Uplink Measurement Software	
	MX269022A	LTE TDD Downlink Measurement Software	
	MX269022A-001	LTE-Advanced TDD Downlink Measurement Software	
	MX269023A	LTE TDD Uplink Measurement Software	
	MX269023A-001	LTE-Advanced TDD Uplink Measurement Software	
Application Parts	Z1957A	Installation Kit (Required when retrofitting options or installing software)	_

Software Update

Software is updated regularly to add new functions, improve performance and fix bugs. Download the latest software from the following URL. Register before use.

Software Download Site URL

https://my.anritsu.com

Options Configuration Guide

Hardware Configuration

Frequency range (MS2850A-046/047) not upgradable.

✓ = Can be installed, No = Cannot be installed, R = Require, U = Upgrade

			Addition to Main frame		Combination with "Option" (Refer to the left line)											
Option	Name	Retrofit	MS2850A-046 (44.5 GHz model)	MS2850A-047 (32 GHz model)	MS2850A-032 (standard install)	MS2850A-033	MS2850A-034	MS2850A-010	MS2850A-017	MS2850A-067 (standard install)	MS2850A-068	MS2850A-076	MS2850A-051	MS2850A-011	MS2850A-053	MS2850A-054
MS2850A-032	Analysis Bandwidth 255 MHz	_	Standard install	Standard install	X											
MS2850A-033	Analysis Bandwidth Extension to 510 MHz	Yes	✓	✓		> <										
MS2850A-034	Analysis Bandwidth Extension to 1 GHz	Yes	✓	✓		R	\times									
MS2850A-010	Phase Noise Measurement Function	Yes	✓	✓				\times								
MS2850A-017	Noise Figure Measurement Function	Yes	✓	✓					\supset		U					
MS2850A-067	Microwave Preselector Bypass	_	Standard install	Standard install						X						
MS2850A-068	Microwave Preamplifier	Yes	✓	✓							\geq					
MS2850A-076	Low Second Harmonic Distortion	Yes	✓	✓								\geq				
MS2850A-051	Noise Floor Reduction	Yes	✓	✓									$\geq \leq$			
MS2850A-011	Secondary Storage Device	Yes	✓	✓										><		
MS2850A-053	External Interface for High Speed Data Transfer PCIe	Yes	✓	✓											\times	
MS2850A-054	External Interface for High Speed Data Transfer USB3.0	Yes	✓	✓												\times

Software Configuration

			Main frame	Analysis Band	dwidth option	
0-+	None	✓ = Can b	e installed	U = Up	ograde	Nata
Option	Name	MS2850A-046	MS2850A-047	MS2850A-033	MS2850A-034	Note
		(44.5 GHz model)	(32 GHz model)	(510 MHz)	(1 GHz)	
MX285051A	5G Standard Measurement Software	√	√	U	U	This license can't be used alone.
WIX20303171	(Base License)	*	,			Require MX285051A-001/051
MX285051A-001	Pre-Standard CP-OFDM Downlink	✓	✓	U	U	Require MX285051A
MX285051A-051	Pre-Standard CP-OFDM Uplink	✓	✓	U	U	Require MX285051A
MX269011A	W-CDMA/HSPA Downlink	√	√			
IVIAZ09011A	Measurement Software	v	v			
MX269012A	W-CDMA/HSPA Uplink	√	· ·			
IVIAZO9UTZA	Measurement Software	•	•			
MX269013A	GSM/EDGE Measurement Software	✓	✓			
MX269013A-001	EDGE Evolution	✓	✓			Di MAY2C0012A
WX269013A-001	Measurement Software	V				Require MX269013A
MX269015A	TD-SCDMA Measurement Software	✓	✓			
MX269020A	LTE Downlink Measurement Software	✓	✓			
MX269020A-001	LTE-Advanced FDD Downlink	√	√			Damilia MAY260020A
WX269020A-001	Measurement Software	•	v			Require MX269020A
MX269021A	LTE Uplink Measurement Software	✓	✓			
NAV2C0021A 001	LTE-Advanced FDD Uplink		,			Di MV2C0024 A
MX269021A-001	Measurement Software	✓	√			Require MX269021A
MAY2C0022A	LTE TDD Downlink	✓	✓ ·			
MX269022A	Measurement Software	√	V			
NAV2600224 004	LTE-Advanced TDD Downlink	✓	,			D
WX269022A-001	MX269022A-001 Measurement Software		√			Require MX269022A
MX269023A	LTE TDD Uplink	✓	✓ ·			
WX269023A	Measurement Software	v	· ·			
MAY2C0022A 004	LTE-Advanced TDD Uplink	✓	,			D
MX269023A-001	Measurement Software	V	√			Require MX269023A
MX269017A	Vector Modulation Analysis Software	✓	✓			
MX269017A-001	APSK Analysis	✓	✓			Require MX269017A
MX269017A-011	Higher-Order QAM Analysis	✓	✓			Require MX269017A

Signal Analyzer MS2850A Ordering Information

Please specify the model/order number, name and quantity when ordering. The names listed in the chart below are Order Names. The actual name of the item may differ from the Order Name.

Main Frame Signal Analyzer	Model/Order No.	Name	
Signal Analyzer Standard accessories Power Cord: 1 pc USB Memory (21 GB): 1 pc USB Mouse: 1 pc Install DVD-ROM (Application software, instruction manual DVD-ROM): 1 pc Install DVD-ROM (Application software, instruction manual DVD-ROM): 1 pc Install DVD-ROM (Application software, instruction manual DVD-ROM): 1 pc Options 32 GHz Signal Analyzer 44.5 GHz Signal Anal	Model/Order No.		
Standard accessories	MS2850A		
Power Cord:	IVISZOSOA		
P0031A USB Memory (≥1 GB):			1 nc
USB Mouse: 1 pc Install DVD-ROM (Application software, instruction manual DVD-ROM): 1 pc	P0031A		
Install DVD-ROM (Application software, instruction manual DVD-ROM): 1 pc Options 32 GHz Signal Analyzer MS2850A-046 44.5 GHz Signal Analyzer MS2850A-033 Analysis Bandwidth Extension 510 MHz MS2850A-034 Analysis Bandwidth Extension 1 GHz MS2850A-017 MS2850A-017 MS2850A-017 MS2850A-018 MS2850A-017 MS2850A-018 MS2850A-018 MS2850A-018 MS2850A-019 MS2850A-019 MS2850A-010 MS2850A-011 MS2850A-051 MS2850A-054 External Interface for High Speed Data Transfer PCIe External Interface for High Speed Data Transfer USB3.0 Retrofit options MS2850A-134 MS2850A-134 MS2850A-134 MS2850A-135 MS2850A-136 MS2850A-136 MS2850A-137 MS2850A-136 MS2850A-131 MS2850A-134 MS2850A-135 MS2850A-134 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-136 MS2850A-137 MS2850A-138 MS2850A-139 MS2850A-130 MS2850A-130 MS2850A-130 MS2850A-130 MS2850A-131 MS2850A-131 MS2850A-134 MS2850A-135 MS2850A-136 MS2850A-136 MS2850A-137 MS2850A-137 MS2850A-138 MS2850A-139 MS2850A-130 MS2850A-13		,	
MS2850A-047 MS2850A-046 MS2850A-033 MS2850A-034 MS2850A-034 MS2850A-034 MS2850A-017 MS2850A-017 MS2850A-017 MS2850A-018 MS2850A-018 MS2850A-017 MS2850A-018 MS2850A-017 MS2850A-018 MS2850A-018 MS2850A-018 MS2850A-018 MS2850A-019 MS2850A-018 MS2850A-018 MS2850A-019 MS2850A-018 MS2850A-018 MS2850A-019 MS2850A-011 MS2850A-051 MS2850A-051 MS2850A-051 MS2850A-051 MS2850A-053 MS2850A-053 MS2850A-054 External Interface for High Speed Data Transfer PCIe External Interface for High Speed Data Transfer USB3.0 MS2850A-054 MS2850A-054 MS2850A-054 MS2850A-134 MS2850A-134 MS2850A-134 MS2850A-134 MS2850A-135 MS2850A-168 MS2850A-168 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-153 MS2850A-153 MS2850A-154 MS2850A-155 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-150 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-152 MS2850A-153 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-159 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-150 MS2850A-151 MS2850A-150 MS2850A-151 MS2850A-151 MS2850A-150 MS2850A-151 MS2850A-150 MS2850A-151 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-150 MS2850	200		. pc
MS2850A-047 MS2850A-034 MS2850A-034 Analysis Bandwidth Extension 10 MHz MS2850A-034 Analysis Bandwidth Extension 1 GHz MS2850A-017 MS2850A-016 MS2850A-017 MS2850A-076 MS2850A-076 MS2850A-071 MS2850A-076 MS2850A-071 MS2850A-072 MS2850A-073 MS2850A-073 MS2850A-073 MS2850A-074 MS2850A-075 Retrofit options MS2850A-134 MS2850A-134 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-137 MS2850A-138 MS2850A-139 MS2850A-139 MS2850A-131 MS2850A-131 MS2850A-131 MS2850A-131 MS2850A-134 MS2850A-135 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-139 MS2850A-139 MS2850A-130 MS2850A-130 MS2850A-131 MS2850A-134 MS2850A-135 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-139 MS2850A-139 MS2850A-130 MS2850A-130 MS2850A-131 MS2850A-130 MS2850A-131 MS2850A-131 MS2850A-134 MS2850A-135 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-139 MS2850A-140 MS2850A-151 MS2850A-154 MS2850			1 pc
MS2850A-047 MS2850A-034 MS2850A-034 Analysis Bandwidth Extension 10 MHz MS2850A-034 Analysis Bandwidth Extension 1 GHz MS2850A-017 MS2850A-016 MS2850A-017 MS2850A-076 MS2850A-076 MS2850A-071 MS2850A-076 MS2850A-071 MS2850A-072 MS2850A-073 MS2850A-073 MS2850A-073 MS2850A-074 MS2850A-075 Retrofit options MS2850A-134 MS2850A-134 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-137 MS2850A-138 MS2850A-139 MS2850A-139 MS2850A-131 MS2850A-131 MS2850A-131 MS2850A-131 MS2850A-134 MS2850A-135 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-139 MS2850A-139 MS2850A-130 MS2850A-130 MS2850A-131 MS2850A-134 MS2850A-135 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-139 MS2850A-139 MS2850A-130 MS2850A-130 MS2850A-131 MS2850A-130 MS2850A-131 MS2850A-131 MS2850A-134 MS2850A-135 MS2850A-135 MS2850A-136 MS2850A-137 MS2850A-139 MS2850A-140 MS2850A-151 MS2850A-154 MS2850		Options	
MS2850A-034 MS2850A-010 MS2850A-017 MS2850A-018 MS2850A-018 MS2850A-018 MS2850A-018 MS2850A-018 MS2850A-018 MS2850A-019 MS2850A-018 MS2850A-018 MS2850A-019 MS2850A-011 MS2850A-011 MS2850A-011 MS2850A-011 MS2850A-013 MS2850A-013 MS2850A-013 MS2850A-013 MS2850A-031 MS2850A-031 MS2850A-031 MS2850A-034 MS2850A-034 MS2850A-035 Retrofit options MS2850A-034 MS2850A-134 MS2850A-134 MS2850A-134 MS2850A-134 MS2850A-136 MS2850A-137 MS2850A-137 MS2850A-138 MS2850A-138 MS2850A-139 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-153 MS2850A-153 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-159 MS2850A-150 MS2850A-151 MS2850A-151 MS2850A-152 MS2850A-153 MS2850A-154 MS2850A-155 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-159 MS2850A-159 MS2850A-159 MS2850A-159 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-150 MS2850A-151 MS2850A-151 MS2850A-152 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-169 MS2850A-169	MS2850A-047	32 GHz Signal Analyzer	
MS2850A-034 Analysis Bandwidth Extension 1 GHz MS2850A-010 Phase Noise Measurement Function MS2850A-068 Microwave Preamplifier MS2850A-076 Low Second Harmonic Distortion MS2850A-051 Noise Floor Reduction MS2850A-053 Secondary Storage Device MS2850A-054 External Interface for High Speed Data Transfer PCIe MS2850A-054 External Interface for High Speed Data Transfer USB3.0 MS2850A-133 Analysis Bandwidth Extension 510 MHz Retrofit MS2850A-134 Analysis Bandwidth Extension 1 GHz Retrofit MS2850A-110 Phase Noise Measurement Function Retrofit MS2850A-111 Phase Noise Measurement Function Retrofit MS2850A-168 Microwave Preamplifier Retrofit MS2850A-151 Noise Floor Reduction Retrofit MS2850A-153 Escondary Storage Device Retrofit MS2850A-154 External Interface for High Speed Data Transfer PCIe Retrofit External Interface for High Speed Data Transfer USB3.0 REtrofit External Interface for High Speed Data Transfer USB3.0 MX285051A-01 Retrofit MX285051A-01 Pre-Standard Po-Ord Mugham Analysis State P	MS2850A-046	44.5 GHz Signal Analyzer	
MS2850A-010 MS2850A-017 MS2850A-068 MS2850A-068 MS2850A-061 MS2850A-061 MS2850A-061 MS2850A-051 MS2850A-051 MS2850A-053 MS2850A-054 MS2850A-054 MS2850A-054 MS2850A-054 MS2850A-054 MS2850A-054 MS2850A-054 MS2850A-054 MS2850A-133 MS2850A-134 MS2850A-134 MS2850A-136 MS2850A-137 MS2850A-137 MS2850A-138 MS2850A-139 MS2850A-130 MS2850A-131 MS2850A-131 MS2850A-131 MS2850A-131 MS2850A-131 MS2850A-132 MS2850A-134 MS2850A-135 MS2850A-135 MS2850A-136 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-153 MS2850A-153 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-159 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-151 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-159 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-151 MS2850A-152 MS2850A-153 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-159 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-151 MS2850A-152 MS2850A-153 MS2850A-154 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-159 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-152 MS2850A-153 MS2850A-153 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-157 MS2850A-158 MS2850A-159 MS2850A-159 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-150 MS2850A-151 MS2850A-	MS2850A-033	Analysis Bandwidth Extension 510 MHz	
MS2850A-017 MS2850A-068 MS2850A-076 MS2850A-076 MS2850A-076Noise Figure Measurement Function Microwave Preamplifier Low Second Harmonic Distortion MS2850A-051Microwave Preamplifier Low Secondary Storage Device External Interface for High Speed Data Transfer PCIe External Interface for High Speed Data Transfer USB3.0MS2850A-054Retrofit optionsMS2850A-133 MS2850A-134 MS2850A-134 MS2850A-177 MS2850A-176 MS2850A-178Analysis Bandwidth Extension 510 MHz Retrofit Analysis Bandwidth Extension 1 GHz RetrofitMS2850A-171 MS2850A-176 MS2850A-176 MS2850A-175Phase Noise Measurement Function Retrofit Noise Figure Measurement Function RetrofitMS2850A-176 MS2850A-151Microwave Preamplifier RetrofitMS2850A-151Microwave Preamplifier RetrofitMS2850A-152External Interface for High Speed Data Transfer PCIe RetrofitMS2850A-153External Interface for High Speed Data Transfer USB3.0 RetrofitMX285051AExternal Interface for High Speed Data Transfer USB3.0MX285051AExternal Interface for High Speed Data Transfer USB3.0MX285051AFre-Standard CP-OFDM Downlink (Requires MX285051A)MX285051A-051Pre-Standard CP-OFDM Downlink (Requires MX285051A)MX285051A-051Pre-Standard CP-OFDM Uplink Measurement SoftwareMX26901AW-CDMA/HSPA Downlink Measurement Software <td< td=""><td>MS2850A-034</td><td>Analysis Bandwidth Extension 1 GHz</td><td></td></td<>	MS2850A-034	Analysis Bandwidth Extension 1 GHz	
MS2850A-068 MS2850A-076 MS2850A-076 MS2850A-051Microwave Preamplifier Low Second Harmonic Distortion Noise Floor ReductionMS2850A-051 MS2850A-053 MS2850A-054Secondary Storage Device External Interface for High Speed Data Transfer PCIe External Interface for High Speed Data Transfer USB3.0MS2850A-054 MS2850A-133 MS2850A-134Retrofit options Analysis Bandwidth Extension 510 MHz Retrofit MS2850A-110 MS2850A-110MS2850A-134 MS2850A-110Phase Noise Measurement Function Retrofit Microwave Preamplifier Retrofit Low Second Harmonic Distortion RetrofitMS2850A-168 MS2850A-151 MS2850A-151Microwave Preamplifier Retrofit Low Second Harmonic Distortion RetrofitMS2850A-151 MS2850A-153Secondary Storage Device RetrofitMS2850A-154External Interface for High Speed Data Transfer PCIe RetrofitMS2850A-154External Interface for High Speed Data Transfer USB3.0 RetrofitMX285051A-051 MX285051A-001 MX285051A-001 MX285051A-001Software options DVD-ROM with License and Operation manuals SG Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) Pre-Standard CP-OFDM Downlink (Requires MX285051A)MX285051A-001 MX269011A MX269011A MX269013A MX269013A-001 MX269013A-001 MX269013A-001 MX269013A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269017A-001 MX269020A-001 LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) LTE Downlink Measurement Software (Requires MX269020A) LTE TDD Downlink Measurement Software LTE-Advanced	MS2850A-010	Phase Noise Measurement Function	
MS2850A-076 MS2850A-051Low Second Harmonic Distortion Noise Floor ReductionMS2850A-051 MS2850A-053 MS2850A-054Secondary Storage Device External Interface for High Speed Data Transfer PCIe External Interface for High Speed Data Transfer USB3.0MS2850A-054 MS2850A-133 MS2850A-134Retrofit options Analysis Bandwidth Extension 510 MHz Retrofit Analysis Bandwidth Extension 1 GHz RetrofitMS2850A-110 MS2850A-117 MS2850A-168 MS2850A-168 MS2850A-151Phase Noise Measurement Function Retrofit Microwave Preamplifier Retrofit Low Second Harmonic Distortion RetrofitMS2850A-151 MS2850A-151Noise Floor Reduction RetrofitMS2850A-153 External Interface for High Speed Data Transfer PCIe Retrofit External Interface for High Speed Data Transfer USB3.0 RetrofitMS2850A-154External Interface for High Speed Data Transfer USB3.0 RetrofitMX285051ASoftware options DVD-ROM with License and Operation manuals SG Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051)MX285051A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285001A-001 MX285002A-001 MX285002A-001 MX285002A-001 MX285002A-001<	MS2850A-017	Noise Figure Measurement Function	
MS2850A-051Noise Floor ReductionMS2850A-053External Interface for High Speed Data Transfer PCIe External Interface for High Speed Data Transfer USB3.0MS2850A-054External Interface for High Speed Data Transfer USB3.0MS2850A-133Analysis Bandwidth Extension 510 MHz RetrofitMS2850A-134Analysis Bandwidth Extension 1 GHz RetrofitMS2850A-176Phase Noise Measurement Function RetrofitMS2850A-176Microwave Preamplifier RetrofitMS2850A-176Low Second Harmonic Distortion RetrofitMS2850A-151Noise Floor Reduction RetrofitMS2850A-153External Interface for High Speed Data Transfer PCIe RetrofitMS2850A-154External Interface for High Speed Data Transfer USB3.0REtrofitExternal Interface for High Speed Data Transfer USB3.0MX285051A-051Rost Macasurement Software (Base License) (Requires MX285051A-001 and/or 051)MX285051A-051Pre-Standard CP-OFDM Downlink (Requires MX285051A)MX285051A-051Pre-Standard CP-OFDM Uplink (Requires MX285051A)MX285051A-051W-CDMA/HSPA Downlink Measurement SoftwareMX269012AW-CDMA/HSPA Downlink Measurement SoftwareMX269013A-001GSM/EDGE Measurement SoftwareMX269015ATD-SCDMA Measurement SoftwareMX269017A-001APSK Analysis (Requires MX269017A)MX269017A-001Higher-Order QAM Analysis (Requires MX269017A)MX269017A-001Higher-Order QAM Analysis (Requires MX269017A)MX269020ALTE Uplink Measurement SoftwareMX269021ALTE Downlink Measurement SoftwareMX269021A-00	MS2850A-068	Microwave Preamplifier	
MS2850A-011 MS2850A-053 MS2850A-054 MS2850A-054 Retrofit options MS2850A-133 MS2850A-134 MS2850A-130 MS2850A-110 Phase Noise Measurement Function Retrofit MS2850A-176 MS2850A-151 MS2850A-153 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-155 MS2850A-155 MS2850A-154 MS2850A-155 MS2850A-155 MS2850A-154 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-155 MS2850A-154 MS2850A-154 MS2850A-155 MS2850A-156 MS2850A-176 MS2850A-150 MS2850A-176 MS2850A-160 MS2850A-170 MS2850	MS2850A-076		
MS2850A-053External Interface for High Speed Data Transfer PCIeMS2850A-054External Interface for High Speed Data Transfer USB3.0MS2850A-054Retrofit optionsMS2850A-133Analysis Bandwidth Extension 510 MHz RetrofitMS2850A-110Phase Noise Measurement Function RetrofitMS2850A-117Noise Figure Measurement Function RetrofitMS2850A-168Microwave Preamplifier RetrofitMS2850A-176Low Second Harmonic Distortion RetrofitMS2850A-151Noise Floor Reduction RetrofitMS2850A-153External Interface for High Speed Data Transfer PCIe RetrofitMS2850A-154External Interface for High Speed Data Transfer USB3.0RetrofitSoftware optionsMV285051A-051DVD-ROM with License and Operation manualsMX285051A-001GS Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051)MX285051A-051Pre-Standard CP-OFDM Downlink (Requires MX285051A)MX285051A-051Pre-Standard CP-OFDM Uplink (Requires MX285051A)MX26901AW-CDMA/HSPA Downlink Measurement SoftwareMX269013A-001EDGE Evolution Measurement SoftwareMX269013A-001EDGE Evolution Measurement SoftwareMX269017A-011My269017A-011MX269017A-011Higher-Order QAM Analysis (Requires MX269017A)MX269020ALTE Downlink Measurement SoftwareMX269020ALTE Downlink Measurement SoftwareMX269021A-001LTE-Advanced FDD Downlink Measurement SoftwareMX269022A-001LTE-Advanced TDD Downlink Measurement SoftwareMX269023A-001LTE-	MS2850A-051	Noise Floor Reduction	
MS2850A-054External Interface for High Speed Data Transfer USB3.0MS2850A-133Analysis Bandwidth Extension 510 MHz RetrofitMS2850A-134Analysis Bandwidth Extension 1 GHz RetrofitMS2850A-110Phase Noise Measurement Function RetrofitMS2850A-117Noise Figure Measurement Function RetrofitMS2850A-168Microwave Preamplifier RetrofitMS2850A-151Noise Floor Reduction RetrofitMS2850A-151Noise Floor Reduction RetrofitMS2850A-151Secondary Storage Device RetrofitMS2850A-153External Interface for High Speed Data Transfer PCIe RetrofitMS2850A-154External Interface for High Speed Data Transfer USB3.0RetrofitSoftware optionsDVD-ROM with License and Operation manualsMX285051AGe Standard Measurement Software (Base License)MX285051A-001Pre-Standard CP-OFDM Downlink(Requires MX285051A)Pre-Standard CP-OFDM Uplink (Requires MX285051A)MX285051A-051Pre-Standard CP-OFDM Uplink (Requires MX285051A)MX269011AW-CDMA/HSPA Downlink Measurement SoftwareMX269013A-001GSM/EDGE Measurement SoftwareMX269013A-001EDGE Evolution Measurement SoftwareMX269017A-001APSK Analysis (Requires MX269017A)MX269017A-011Higher-Order QAM Analysis (Requires MX269017A)MX269020A-001LTE-Advanced FDD Downlink Measurement SoftwareMX269021A-001LTE-Advanced FDD Downlink Measurement SoftwareMX269021A-001LTE-Advanced FDD Downlink Measurement SoftwareMX269022A-001LTE TDD Downlink Measurement Software <td></td> <td></td> <td></td>			
Retrofit options MS2850A-133		_ ,	
MS2850A-133 MS2850A-134 MS2850A-130 MS2850A-110 MS2850A-110 MS2850A-117 MS2850A-168 MS2850A-168 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-153 MS2850A-153 MS2850A-154 MS285051A-001 MX285051A-001 MX289011A MX289011A MX289011A MX289011A MX289013A MX289013A MX289013A MX289013A MX289013A MX289013A MX289015A MX289015A MX289017A MX289017A MX289017A-001 MX289017A-001 MX289017A-001 MX289020A MX289020A-001 MX289021A MX289022A MX289022A MX289022A MX289022A MX289022A MX289022A MX289022A MX289023A	MS2850A-054	3 1	USB3.0
MS2850A-134 MS2850A-110 MS2850A-117 MS2850A-168 MS2850A-176 MS2850A-176 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-153 MS2850A-153 MS2850A-154 MS2850A-154 Software options DVD-ROM with License and Operation manuals SG Standard Measurement Software (Requires MX285051A-0) MX285051A-001 MX285051A-011 MX285051A-051 MX285051	M620504 455		
MS2850A-110 MS2850A-117 MS2850A-168 Microwave Preamplifier Retrofit MS2850A-176 Low Second Harmonic Distortion Retrofit MS2850A-151 Noise Floor Reduction Retrofit MS2850A-151 Noise Floor Reduction Retrofit MS2850A-151 Noise Floor Reduction Retrofit MS2850A-151 MS2850A-151 Secondary Storage Device Retrofit MS2850A-153 External Interface for High Speed Data Transfer PCIe Retrofit External Interface for High Speed Data Transfer USB3.0 Retrofit Software options DVD-ROM with License and Operation manuals MX285051A SG Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) Pre-Standard CP-OFDM Downlink (Requires MX285051A) Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269012A W-CDMA/HSPA Uplink Measurement Software MX269013A UCDMA/HSPA Uplink Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software W-Cotor Modulation Analysis Software MX269017A-001 MX269017A-001 MX269020A MX269020A UTE Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software		1	
MS2850A-117 MS2850A-168 MS2850A-176 MS2850A-176 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-151 MS2850A-153 MS2850A-153 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS2850A-154 MS285051A MX285051A MX285051A MX285051A MX285051A-001 MX285001A MX28501A MX285001A MX28	ļ		
MS2850A-168 MS2850A-176 Low Second Harmonic Distortion Retrofit MS2850A-151 Noise Floor Reduction Retrofit MS2850A-153 Secondary Storage Device Retrofit External Interface for High Speed Data Transfer PCIe Retrofit MS2850A-154 External Interface for High Speed Data Transfer USB3.0 Retrofit Software options DVD-ROM with License and Operation manuals SG Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) MX285051A-001 Pre-Standard CP-OFDM Downlink (Requires MX285051A) Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269013A-001 EDGE Evolution Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software (Requires MX269017A) MX269017A-001 MX269017A-001 MX269020A MX269020A MX269020A MX269020A MX269020A MX269021A LTE Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Downlink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Downlink Measurement Software			
MS2850A-176 MS2850A-151 Noise Floor Reduction Retrofit MS2850A-153 External Interface for High Speed Data Transfer PCIe Retrofit MS2850A-154 External Interface for High Speed Data Transfer USB3.0 Retrofit Software options DVD-ROM with License and Operation manuals SG Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) Pre-Standard CP-OFDM Downlink (Requires MX285051A) Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269013A MX269013A MX269013A MX269015A MX269015A MX269017A MX269017A MX269017A-001 MX269020A MX269020A MX269020A MX269020A MX269021A MX269021A MX269021A MX269021A MX269022A MX269022A MX269023A			
MS2850A-151 MS2850A-111 MS2850A-113 Secondary Storage Device Retrofit External Interface for High Speed Data Transfer PCIe Retrofit External Interface for High Speed Data Transfer PCIe Retrofit Software options DVD-ROM with License and Operation manuals MX285051A SG Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 MX285051A-051 MX269011A MY-CDMA/HSPA Downlink Measurement Software MX269013A MX269013A MX269013A MX269015A MX269015A MX269017A MX269017A MX269017A-001 MX269017A-001 MX269020A MX269020A MX269020A MX269021A MX269021A MX269021A MX269021A MX269022A MX269022A MX269023A MTE-DD Uplink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Downlink Measurement Software		·	
MS2850A-111 MS2850A-153 External Interface for High Speed Data Transfer PCIe Retrofit MS2850A-154 External Interface for High Speed Data Transfer USB3.0 Retrofit Software options DVD-ROM with License and Operation manuals MX285051A SG Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) MX285051A-001 Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 MX269011A W-CDMA/HSPA Downlink Measurement Software MX269013A MX269013A MX269013A MX269013A MX269015A TD-SCDMA Measurement Software (Requires MX269013A) MX269017A MX269017A MX269017A-001 MX269020A MX269020A MX269021A MX269021A MX269021A MX269021A MX269021A MX269022A MX269023A MTE-Advanced TDD Uplink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software			
MS2850A-153External Interface for High Speed Data Transfer PCIe RetrofitMS2850A-154External Interface for High Speed Data Transfer USB3.0 RetrofitSoftware options DVD-ROM with License and Operation manualsMX285051A5G Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051)MX285051A-001Pre-Standard CP-OFDM Downlink (Requires MX285051A)MX285051A-051Pre-Standard CP-OFDM Uplink (Requires MX285051A)MX269011AW-CDMA/HSPA Downlink Measurement SoftwareMX269013AGSM/EDGE Measurement SoftwareMX269013A-001EDGE Evolution Measurement SoftwareMX269013A-001TD-SCDMA Measurement SoftwareMX269017AVector Modulation Analysis SoftwareMX269017A-001APSK Analysis (Requires MX269017A)MX269020AHigher-Order QAM Analysis (Requires MX269017A)MX269020ALTE Downlink Measurement SoftwareMX269021ALTE Uplink Measurement SoftwareMX269021A-001LTE-Advanced FDD Downlink Measurement SoftwareMX269022ALTE TDD Downlink Measurement SoftwareMX269022ALTE TDD Downlink Measurement SoftwareMX269023ALTE TDD Uplink Measurement SoftwareMX269023ALTE TDD Uplink Measurement SoftwareMX269023A-001LTE-Advanced TDD Uplink Measurement SoftwareLTE-Advanced TDD Uplink Measurement SoftwareLTE-Advanced TDD Uplink Measurement Software	·		
Retrofit External Interface for High Speed Data Transfer USB3.0 Retrofit Software options DVD-ROM with License and Operation manuals MX285051A 5G Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) MX285051A-001 Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269013A MX269013A MX269013A MX269015A MX269015A MX269017A Vector Modulation Analysis Software MX269017A-001 MX269017A-011 MX269020A MX269020A MX269020A MX269020A MX269021A MX269021A MX269021A MX269021A MX269022A MX269022A MX269023A	1		DCIo
External Interface for High Speed Data Transfer USB3.0 Retrofit Software options DVD-ROM with License and Operation manuals 5G Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269012A W-CDMA/HSPA Uplink Measurement Software MX269013A GSM/EDGE Measurement Software MX269013A TD-SCDMA Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software MX269017A MX269017A-001 MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) MX269020A LTE Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269021A) LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE-Advanced FDD Downlink Measurement Software (Requires MX269021A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269021A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE-TDD Uplink Measurement Software (Requires MX269022A) LTE-TDD Uplink Measurement Software (Requires MX269022A) LTE-TDD Uplink Measurement Software	WI32830A-133		rcie
Software options DVD-ROM with License and Operation manuals SG Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269012A W-CDMA/HSPA Uplink Measurement Software MX269013A GSM/EDGE Measurement Software MX269013A-001 EDGE Evolution Measurement Software (Requires MX269013A) MX269017A Vector Modulation Analysis Software MX269017A-001 APSK Analysis (Requires MX269017A) MX269020A LTE Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269021A) LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269021A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE-Advanced TDD Uplink Measurement Software	MS2850A-154	1	USB3.0
DVD-ROM with License and Operation manuals 5G Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) MX285051A-001 Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 MX269011A W-CDMA/HSPA Downlink Measurement Software MX269012A W-CDMA/HSPA Uplink Measurement Software MX269013A GSM/EDGE Measurement Software EDGE Evolution Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software MX269017A Vector Modulation Analysis Software MX269017A-001 MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) HTE Downlink Measurement Software MX269020A LTE Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software (Requires MX269021A) LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269021A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software (Requires MX269022A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE-Advanced TDD Uplink Measurement Software (Requires MX269023A) LTE-Advanced TDD Uplink Measurement Software		_ ,	
MX285051A 5G Standard Measurement Software (Base License) (Requires MX285051A-001 and/or 051) MX285051A-001 Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269013A GSM/EDGE Measurement Software MX269013A-001 EDGE Evolution Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software MX269017A Vector Modulation Analysis Software MX269017A-001 MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) HTE Downlink Measurement Software MX269020A LTE Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software LTE-Advanced FDD Downlink Measurement Software (Requires MX269021A) LTE Uplink Measurement Software LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software (Requires MX269023A-001 LTE-Advanced TDD Uplink Measurement Software		Software options	
(Requires MX285051A-001 and/or 051) MX285051A-001 Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269012A W-CDMA/HSPA Uplink Measurement Software MX269013A GSM/EDGE Measurement Software MX269013A-001 EDGE Evolution Measurement Software (Requires MX269013A) MX269015A TD-SCDMA Measurement Software MX269017A Vector Modulation Analysis Software MX269017A-001 APSK Analysis (Requires MX269017A) MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) MX269020A LTE Downlink Measurement Software (Requires MX269020A) MX269021A LTE Uplink Measurement Software (Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software (Requires MX269021A) MX269023A LTE TDD Downlink Measurement Software (Requires MX269022A) LTE-Advanced TDD Uplink Measurement Software		· -	
MX285051A-001 Pre-Standard CP-OFDM Downlink (Requires MX285051A) MX285051A-051 Pre-Standard CP-OFDM Uplink (Requires MX285051A) MX269011A W-CDMA/HSPA Downlink Measurement Software MX269012A W-CDMA/HSPA Uplink Measurement Software MX269013A GSM/EDGE Measurement Software MX269013A-001 EDGE Evolution Measurement Software (Requires MX269013A) MX269015A TD-SCDMA Measurement Software MX269017A Vector Modulation Analysis Software MX269017A-001 APSK Analysis (Requires MX269017A) MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) MX269020A LTE Downlink Measurement Software MX269020A-001 LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) MX269021A LTE Uplink Measurement Software (Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software (Requires MX269021A) MX269023A LTE TDD Downlink Measurement Software (Requires MX269022A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software	MX285051A	5G Standard Measurement Software (Base Licens	e)
(Requires MX285051A) MX285051A-051 MX269011A W-CDMA/HSPA Downlink Measurement Software MX269013A MX269013A GSM/EDGE Measurement Software MX269013A-001 EDGE Evolution Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software MX269017A Vector Modulation Analysis Software MX269017A-001 MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) LTE Downlink Measurement Software MX269020A LTE Downlink Measurement Software MX269021A MX269021A LTE Uplink Measurement Software LTE-Advanced FDD Downlink Measurement Software (Requires MX269021A) LTE Uplink Measurement Software LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software		(Requires MX285051A-001 and/or 051)	
MX285051A-051 MX269011A W-CDMA/HSPA Downlink Measurement Software WX269012A W-CDMA/HSPA Uplink Measurement Software MX269013A GSM/EDGE Measurement Software EDGE Evolution Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software WX269017A Vector Modulation Analysis Software MX269017A-001 MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) HTE Downlink Measurement Software LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software	MX285051A-001		
MX269011A W-CDMA/HSPA Downlink Measurement Software WX269013A GSM/EDGE Measurement Software MX269013A-001 EDGE Evolution Measurement Software (Requires MX269013A) TD-SCDMA Measurement Software WX269017A Vector Modulation Analysis Software MX269017A-001 MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) HTE Downlink Measurement Software MX269020A LTE Downlink Measurement Software LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software		1	
MX269012A MX269013A MX269013A-001 MX269013A-001 MX269015A MX269017A MX269017A MX269017A-001 MX269017A-001 MX269017A-011 MX269020A MX269020A MX269020A MX269021A MX269021A MX269021A MX269021A MX269022A MX269022A MX269023A MX26902A MX2690			
MX269013A GSM/EDGE Measurement Software (Requires MX269013A) MX269015A TD-SCDMA Measurement Software (MX269017A) Vector Modulation Analysis Software MX269017A-001 MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) LTE Downlink Measurement Software MX269020A LTE Downlink Measurement Software MX269020A-001 LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software (Requires MX269023A) LTE TDD Uplink Measurement Software	1		e
MX269013A-001 EDGE Evolution Measurement Software (Requires MX269013A) MX269015A TD-SCDMA Measurement Software MX269017A Vector Modulation Analysis Software MX269017A-001 APSK Analysis (Requires MX269017A) MX269020A LTE Downlink Measurement Software MX269020A-001 LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) MX269021A LTE Uplink Measurement Software (Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software (Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software (Requires MX269022A) MX269023A LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software (Requires MX269023A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software		·	
(Requires MX269013A) MX269015A MX269017A Vector Modulation Analysis Software MX269017A-001 MX269017A-011 MX269020A MX269020A-001 MX269020A-001 MX269021A MX269021A MX269021A-001 MX269022A MX269022A MX269022A MX269022A MX269022A MX269022A MX269022A MX269022A MX269022A MX269023A MX269023A MX269023A LTE TDD Uplink Measurement Software (Requires MX269022A) MX269023A LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software (Requires MX26902A) LTE TDD Uplink Measurement Software (Requires MX26902A) LTE TDD Uplink Measurement Software MX269023A-001 LTE-Advanced TDD Uplink Measurement Software			
MX269015A TD-SCDMA Measurement Software MX269017A Vector Modulation Analysis Software MX269017A-001 APSK Analysis (Requires MX269017A) MX269020A LTE Downlink Measurement Software MX269020A-001 LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) MX269021A LTE Uplink Measurement Software (Requires MX269021A) LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software (Requires MX269023A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software			
MX269017A-001 MX269017A-011 MX269020A MX269020A-001 MX269020A-001 MX269021A MX269021A-001 MX269021A-001 MX269022A MX269022A MX269022A MX269022A MX269022A MX269022A MX269022A MX269023A MX269023A-001 MX269023A MX269023A MX269023A MX269023A MX269023A MX269023A-001 MX269023A MX269023A MX269023A MX269023A MX269023A MX269023A-001 MX269023A	MX269015A	1	
MX269017A-011 Higher-Order QAM Analysis (Requires MX269017A) MX269020A LTE Downlink Measurement Software MX269020A-001 LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) MX269021A LTE Uplink Measurement Software MX269021A-001 LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software MX269022A-001 LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) MX269023A LTE TDD Uplink Measurement Software MX269023A-001 LTE-Advanced TDD Uplink Measurement Software	MX269017A	Vector Modulation Analysis Software	
MX269020A MX269020A-001 LTE Downlink Measurement Software LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) LTE Uplink Measurement Software LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software MX269022A-001 LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software MX269023A LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software			
MX269020A-001 LTE-Advanced FDD Downlink Measurement Software (Requires MX269020A) MX269021A LTE Uplink Measurement Software MX269021A-001 LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software MX269022A-001 LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) MX269023A LTE TDD Uplink Measurement Software MX269023A-001 LTE-Advanced TDD Uplink Measurement Software			7A)
(Requires MX269020A) MX269021A LTE Uplink Measurement Software LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) LTE TDD Downlink Measurement Software MX269022A LTE TDD Downlink Measurement Software (Requires MX269022A) LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software MX269023A LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software			
MX269021A MX269021A-001 MX269022A MX269022A MX269022A-001 MX269022A-001 MX269022A-001 MX269023A MX269023A MX269023A MX269023A MX269023A-001	MX269020A-001		ware
MX269021A-001 LTE-Advanced FDD Uplink Measurement Software (Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) MX269023A LTE TDD Uplink Measurement Software MX269023A-001 LTE-Advanced TDD Uplink Measurement Software	MY260021 A		
(Requires MX269021A) MX269022A LTE TDD Downlink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) MX269023A LTE TDD Uplink Measurement Software MX269023A-001 LTE-Advanced TDD Uplink Measurement Software			- O
MX269022A MX269022A-001 LTE-TDD Downlink Measurement Software LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) LTE TDD Uplink Measurement Software MX269023A-001 LTE-Advanced TDD Uplink Measurement Software	WINZU9UZ I M-UU I		C
MX269022A-001 LTE-Advanced TDD Downlink Measurement Software (Requires MX269022A) MX269023A LTE TDD Uplink Measurement Software MX269023A-001 LTE-Advanced TDD Uplink Measurement Software	MX269022A		
(Requires MX269022A) MX269023A MX269023A-001 LTE TDD Uplink Measurement Software LTE-Advanced TDD Uplink Measurement Software	1		ware
MX269023A LTE TDD Uplink Measurement Software MX269023A-001 LTE-Advanced TDD Uplink Measurement Software			-
·	MX269023A		
(Requires MX269023A)	MX269023A-001		re
1: '		(Requires MX269023A)	

Model/Order No.	Name
	Warranty service
MS2850A-ES210	2 years Extended Warranty Service
MS2850A-ES310	3 years Extended Warranty Service
MS2850A-ES510	5 years Extended Warranty Service
	Application parts
MA24105A	Inline Peak Power Sensor
	(350 MHz to 4 GHz, with USB A to mini B cable)
MA24106A	USB Power Sensor
	(50 MHz to 6 GHz, with USB A to mini B cable)
MA24108A	Microwave USB Power Sensor
	(10 MHz to 8 GHz, with USB A to Micro-B cable)
MA24118A	Microwave USB Power Sensor
	(10 MHz to 18 GHz, with USB A to Micro-B cable)
MA24126A	Microwave USB Power Sensor
	(10 MHz to 26 GHz, with USB A to Micro-B cable)
MA2806A	High Performance Waveguide Mixer (50 to 75 GHz)
MA2808A	High Performance Waveguide Mixer (60 to 90 GHz)
MA2741C	External Mixer (26.5 GHz to 40 GHz)
MA2742C	External Mixer (33 GHz to 50 GHz)
MA2743C	External Mixer (40 GHz to 60 GHz)
MA2744C	External Mixer (50 GHz to 75 GHz)
MA2745C	External Mixer (60 GHz to 90 GHz)
MA2746C	External Mixer (75 GHz to 110 GHz)
MA2747C	External Mixer (90 GHz to 140 GHz)
MA2748C	External Mixer (110 GHz to 170 GHz)
MA2749C	External Mixer (140 GHz to 220 GHz)
MA2750C	External Mixer (170 GHz to 260 GHz)
MA2751C	External Mixer (220 GHz to 325 GHz)
	External Interface for High Speed Data Transfer
U0088A	PCIe Host Adapter
J1749A	PCIe x8 Cable (2 m)

The following options are installed as standard and do not require separate orders when ordering the MS2850A-046/047.

Standard Software MX269000A Analysis Bandwidth 255 MHz MS2850A-032 Microwave Preselector Bypass MS2850A-067

Requires Installation Kit Z1957A when retrofitting options or installing software.

The instruction manuals are published on our website except some.

Note:



Specifications are subject to change without notice.

United States **Anritsu Company**

1155 East Collins Blvd., Suite 100, Richardson, TX 75081, U.S.A. Toll Free: 1-800-267-4878 Phone: +1-972-644-1777 Fax: +1-972-671-1877

• Canada

Anritsu Electronics Ltd.

700 Silver Seven Road, Suite 120, Kanata, Ontario K2V 1C3, Canada Phone: +1-613-591-2003 Fax: +1-613-591-1006

Brazil

Anritsu Eletronica Ltda.

Praca Amadeu Amaral, 27 - 1 Andar 01327-010 - Bela Vista - Sao Paulo - SP Brazil Phone: +55-11-3283-2511 Fax: +55-11-3288-6940

Anritsu Company, S.A. de C.V.

Av. Ejército Nacional No. 579 Piso 9, Col. Granada 11520 México, D.F., México Phone: +52-55-1101-2370 Fax: +52-55-5254-3147

United Kingdom Anritsu EMEA Ltd.

200 Capability Green, Luton, Bedfordshire, LU1 3LU, U.K. Phone: +44-1582-433200 Fax: +44-1582-731303

France

Anritsu S.A.

12 avenue du Québec, Bâtiment Iris 1- Silic 612, 91140 VILLEBON SUR YVETTE, France Phone: +33-1-60-92-15-50 Fax: +33-1-64-46-10-65

Germany Anritsu GmbH

Nemetschek Haus, Konrad-Zuse-Platz 1 81829 München, Germany Phone: +49-89-442308-0 Fax: +49-89-442308-55

Italy

Anritsu S.r.l.

Via Elio Vittorini 129, 00144 Roma, Italy Phone: +39-6-509-9711 Fax: +39-6-502-2425

Anritsu AB

Kistagången 20B, 164 40 KISTA, Sweden Phone: +46-8-534-707-00 Fax: +46-8-534-707-30

Anritsu AB

Teknobulevardi 3-5, FI-01530 VANTAA, Finland Phone: +358-20-741-8100 Fax: +358-20-741-8111

Denmark

Anritsu A/S

Torveporten 2, 2500 Valby, Denmark Phone: +45-7211-2200 Fax: +45-7211-2210

Russia

Anritsu EMEA Ltd.

Representation Office in Russia

Tverskaya str. 16/2, bld. 1, 7th floor. Moscow, 125009, Russia Phone: +7-495-363-1694 Fax: +7-495-935-8962

Spain

Anritsu EMEA Ltd.

Representation Office in Spain

Edificio Cuzco IV, Po. de la Castellana, 141, Pta. 5 28046, Madrid, Spain Phone: +34-915-726-761 Fax: +34-915-726-621

United Arab Emirates Anritsu EMEA Ltd.

Dubai Liaison Office

902. Aurora Tower. P O Box: 500311- Dubai Internet City Dubai, United Arab Emirates Phone: +971-4-3758479 Fax: +971-4-4249036

Anritsu India Private Limited

2nd & 3rd Floor, #837/1, Binnamangla 1st Stage, Indiranagar, 100ft Road, Bangalore - 560038, India Phone: +91-80-4058-1300 Fax: +91-80-4058-1301

Singapore

Anritsu Pte. Ltd.

11 Chang Charn Road, #04-01, Shriro House Singapore 159640 Phone: +65-6282-2400 Fax: +65-6282-2533

• P.R. China (Shanghai)

Anritsu (China) Co., Ltd.

Room 2701-2705, Tower A, New Caohejing International Business Center No. 391 Gui Ping Road Shanghai, 200233, P.R. China Phone: +86-21-6237-0898 Fax: +86-21-6237-0899

• P.R. China (Hong Kong) Anritsu Company Ltd.

Unit 1006-7, 10/F., Greenfield Tower, Concordia Plaza, No. 1 Science Museum Road, Tsim Sha Tsui East, Kowloon, Hong Kong, P.R. China Phone: +852-2301-4980 Fax: +852-2301-3545

Japan

Anritsu Corporation

8-5, Tamura-cho, Atsugi-shi, Kanagawa, 243-0016 Japan Phone: +81-46-296-6509 Fax: +81-46-225-8352

Korea

Anritsu Corporation, Ltd.

5FL, 235 Pangyoyeok-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, 13494 Korea Phone: +82-31-696-7750 Fax: +82-31-696-7751

Australia

Anritsu Pty. Ltd.

Unit 20, 21-35 Ricketts Road, Mount Waverley, Victoria 3149, Australia Phone: +61-3-9558-8177 Fax: +61-3-9558-8255

Taiwan

Anritsu Company Inc.

7F, No. 316, Sec. 1, NeiHu Rd., Taipei 114, Taiwan Phone: +886-2-8751-1816

Fax: +886-2-8751-1817