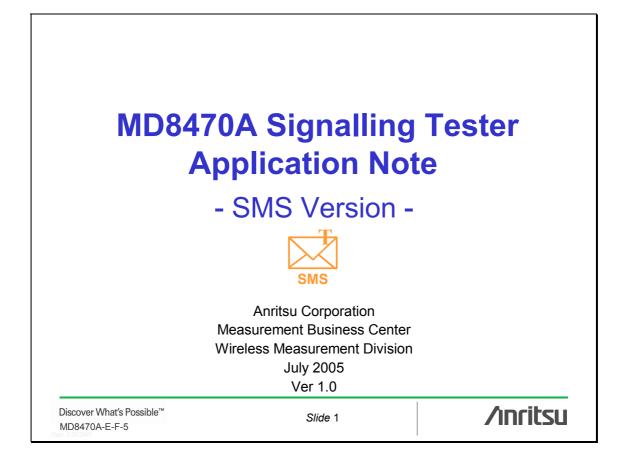


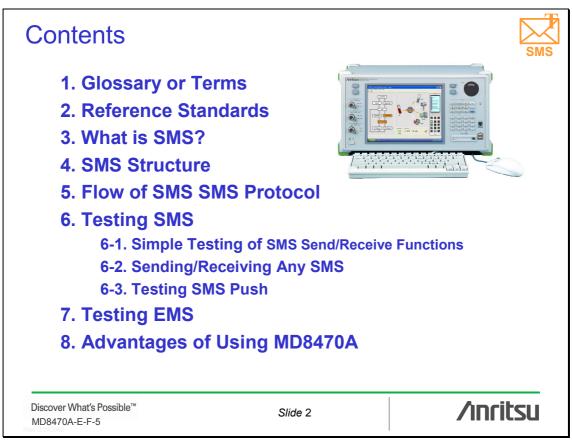
APPLICATION NOTE

MD8470A **Signalling Tester SMS** Version

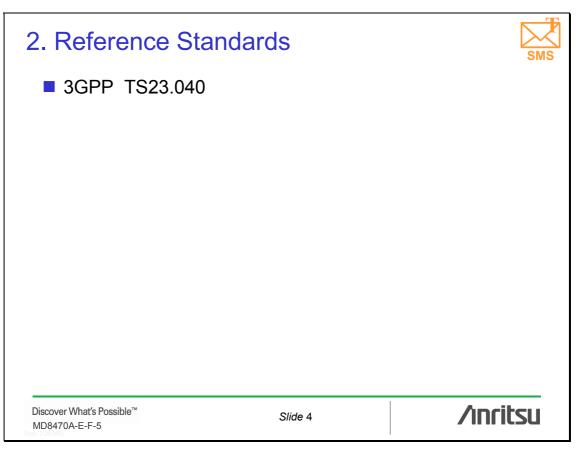
ANRITSU CORPORATION

Copyright © 2005 by ANRITSU CORPORATION The contents of this manual shall not be disclosed in any way or reproduced in any media without the express written permission of Anritsu Corporation.

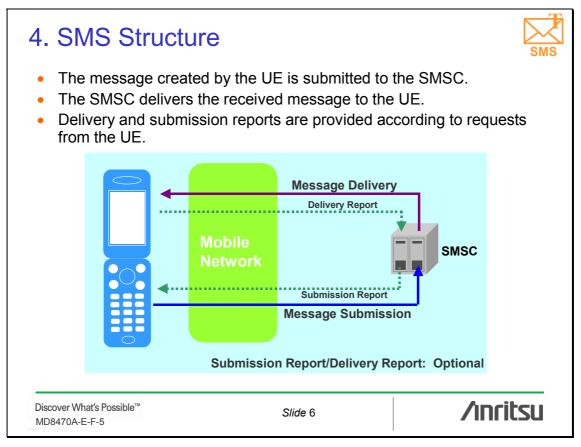


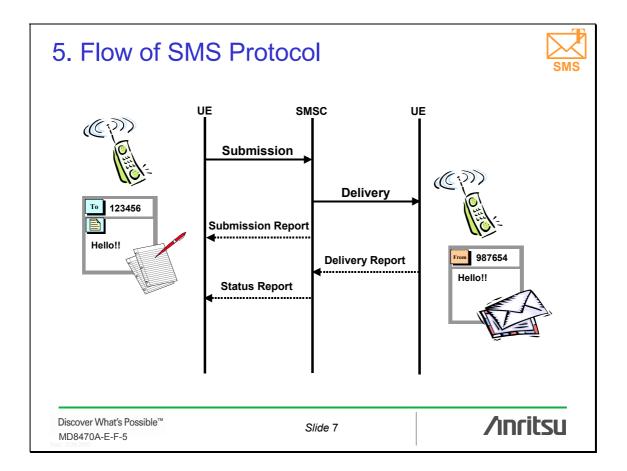


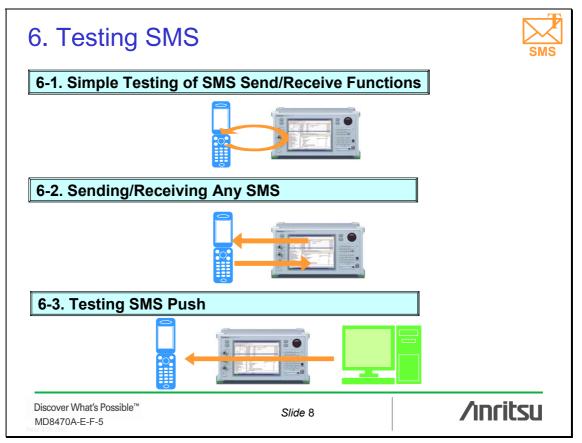
1. Glossary of Terms 3rd Generation Partnership Project 3GPP: EMS: **Enhanced Messaging Service** Subscriber Identity Module SIM: Short Message Service SMS: SMSC: Short Message Service Centre UE: **User Equipment** Wireless Network Simulator WNS: /inritsu Discover What's Possible™ Slide 3 MD8470A-E-F-5

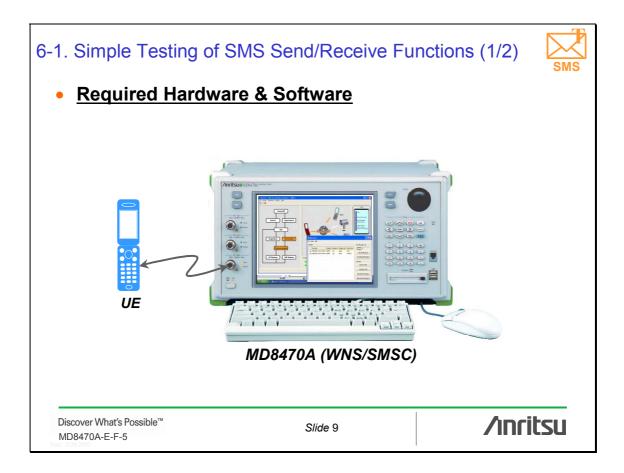


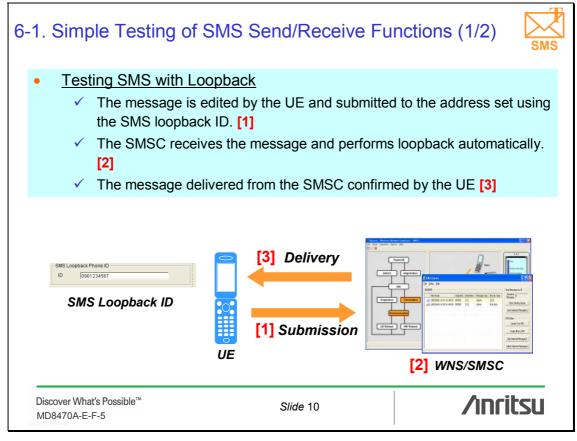
3. What is SMS? SMS is a service for sending and receiving text data between mobile telephones. Moreover, SMS technology can also be used for notifications from the carrier, such as "mail received" and changes to the mobile telephone settings. To 123456 Hello! 123456 Hello! *SMS is standardized by 3GPP. Discover What's Possible™ /inritsu Slide 5 MD8470A-E-F-5

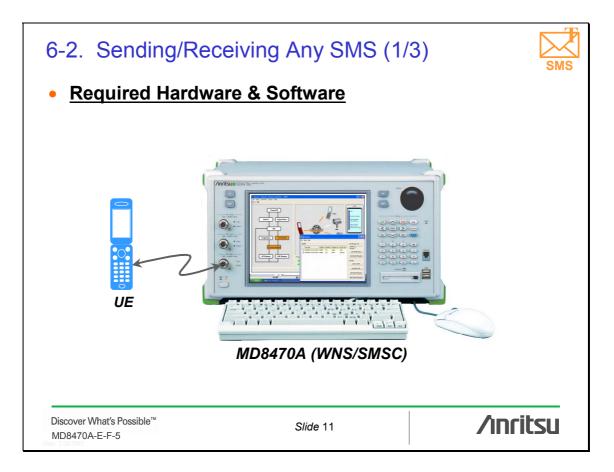


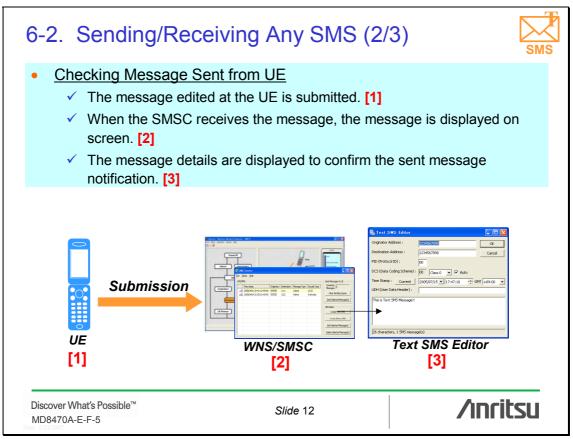


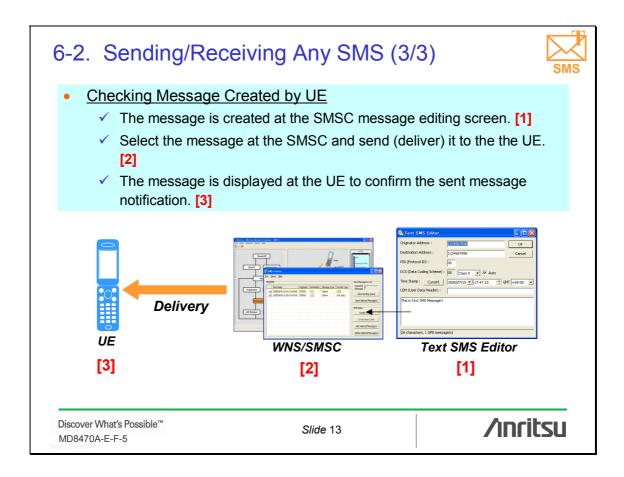


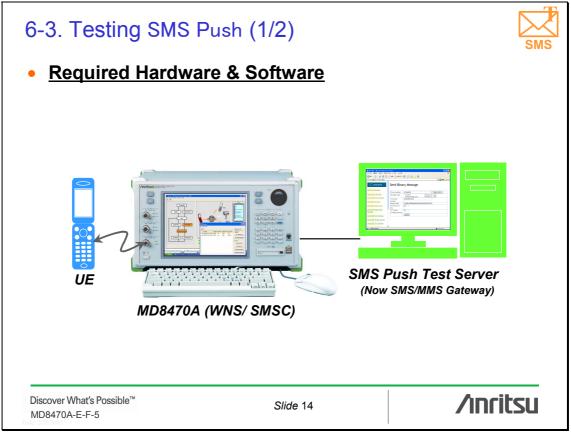


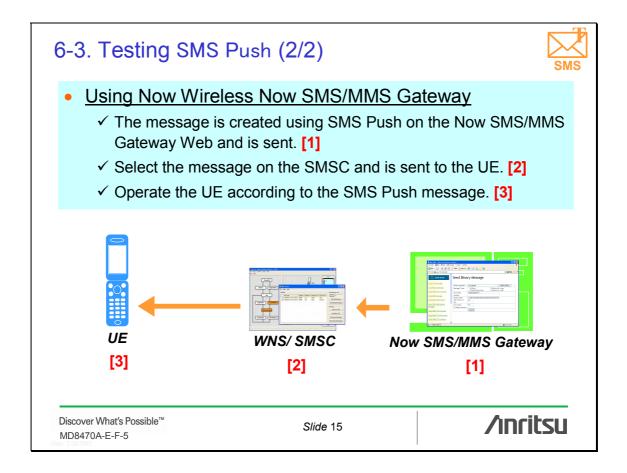


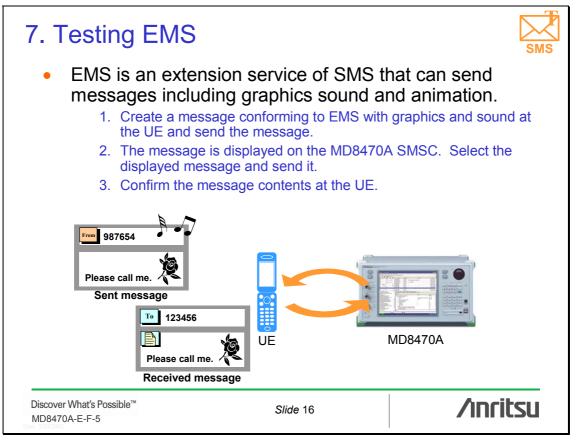


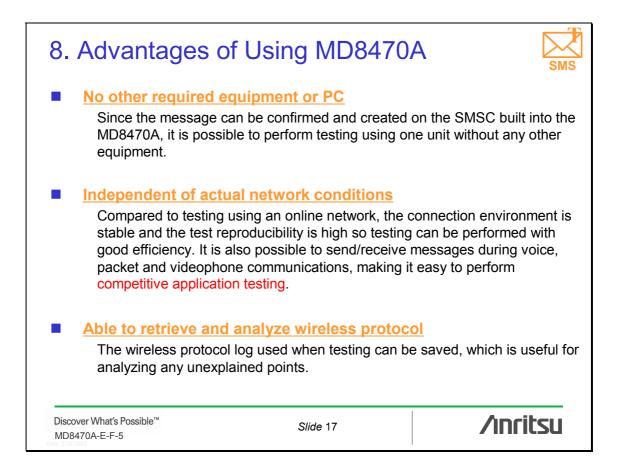


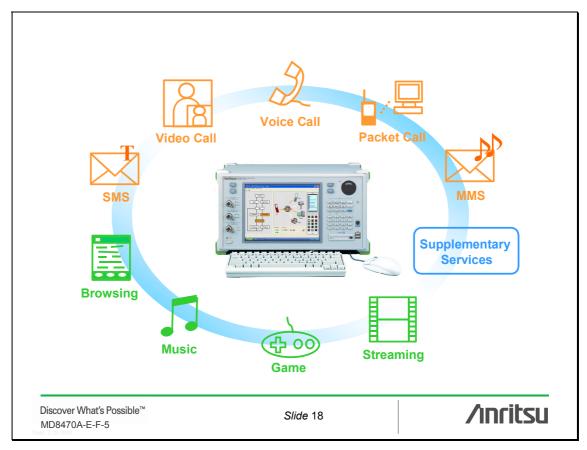












<u>/inritsu</u>

ANRITSU CORPORATION

1800 Onna, Atsugi-shi, Kanagawa, 243-8555 Japan Phone: +81-46-223-1111 Fax: +81-46-296-1264

• U.S.A. ANRITSU COMPANY TX OFFICE SALES AND SERVICE

1155 East Collins Blvd., Richardson, TX 75081, U.S.A. Toll Free: 1-800-ANRITSU (267-4878) Phone: +1-972-644-1777 Fax: +1-972-644-3416

• Canada ANRITSU ELECTRONICS LTD. 700 Silver Seven Road, Suite 120, Kanata,

ON K2V 1C3, Canada Phone: +1-613-591-2003 Fax: +1-613-591-1006 • Brasil

ANRITSU ELETRÔNICA LTDA.

Praca Amadeu Amaral, 27 - 1 andar 01327-010 - Paraiso, Sao Paulo, Brazil Phone: +55-11-3283-2511 Fax: +55-11-3886940 • U.K.

ANRITSU LTD. 200 Capability Green, Luton, Bedfordshire LU1 3LU, U.K. Phone: +44-1582-433280 Fax: +44-1582-731303

• Germany

ANRITSU GmbH

Grafenberger Allee 54-56, 40237 Düsseldorf, Germany Phone: +49-211-96855-0 Fax: +49-211-96855-55



• France

ANRITSU S.A. 9, Avenue du Québec Z.A. de Courtabœuf 91951 Les Ulis Cedex, France Phone: +33-1-60-92-15-50 Fax: +33-1-64-46-10-65

• Italy

ANRITSU S.p.A. Via Elio Vittorini, 129, 00144 Roma EUR, Italy Phone: +39-06-509-9711 Fax: +39-06-502-2425

Sweden ANRITSU AB

Borgafjordsgatan 13 164 40 Kista, Sweden Phone: +46-853470700 Fax: +46-853470730

• Finland ANRITSU AB

Teknobulevardi 3-5, FI-01530 Vantaa, Finland Phone: +358-9-4355-220 Fax: +358-9-4355-2250

Denmark Anritsu AB Danmark

Korskildelund 6 DK - 2670 Greve, Denmark Phone: +45-36915035 Fax: +45-43909371

Singapore

ANRITSU PTE LTD. 10, Hoe Chiang Road #07-01/02, Keppel Towers, Singapore 089315 Phone: +65-6282-2400 Fax: +65-6282-2533 Specifications are subject to change without notice.

Hong Kong

ANRITŠU COMPANY LTD. Suite 923, 9/F., Chinachem Golden Plaza, 77 Mody Road, Tsimshatsui East, Kowloon, Hong Kong, China Phone: +852-2301-4980 Fax: +852-2301-3545

• P. R. China ANRITSU COMPANY LTD.

Beijing Representative Office Room 1515, Beijing Fortune Building, No. 5 North Road, the East 3rd Ring Road, Chao-Yang District Beijing 100004, P.R. China Phone: +86-10-6590-9230

• Korea ANRITSU CORPORATION

8F Hyun Juk Bldg. 832-41, Yeoksam-dong, Kangnam-ku, Seoul, 135-080, Korea Phone: +82-2-553-6603 Fax: +82-2-553-6604

Australia ANRITSU PTY LTD.

Unit 3/170 Forster Road Mt. Waverley, Victoria, 3149, Australia

Australia Phone: +61-3-9558-8177 Fax: +61-3-9558-8255 • **Taiwan**

ANRITSU COMPANY INC.

7F, No. 316, Sec. 1, NeiHu Rd., Taipei, Taiwan Phone: +886-2-8751-1816 Fax: +886-2-8751-1817

050203