

# AT&T Cell Broadcast Test

## MD8475A Signalling Tester Carrier Acceptance Tests

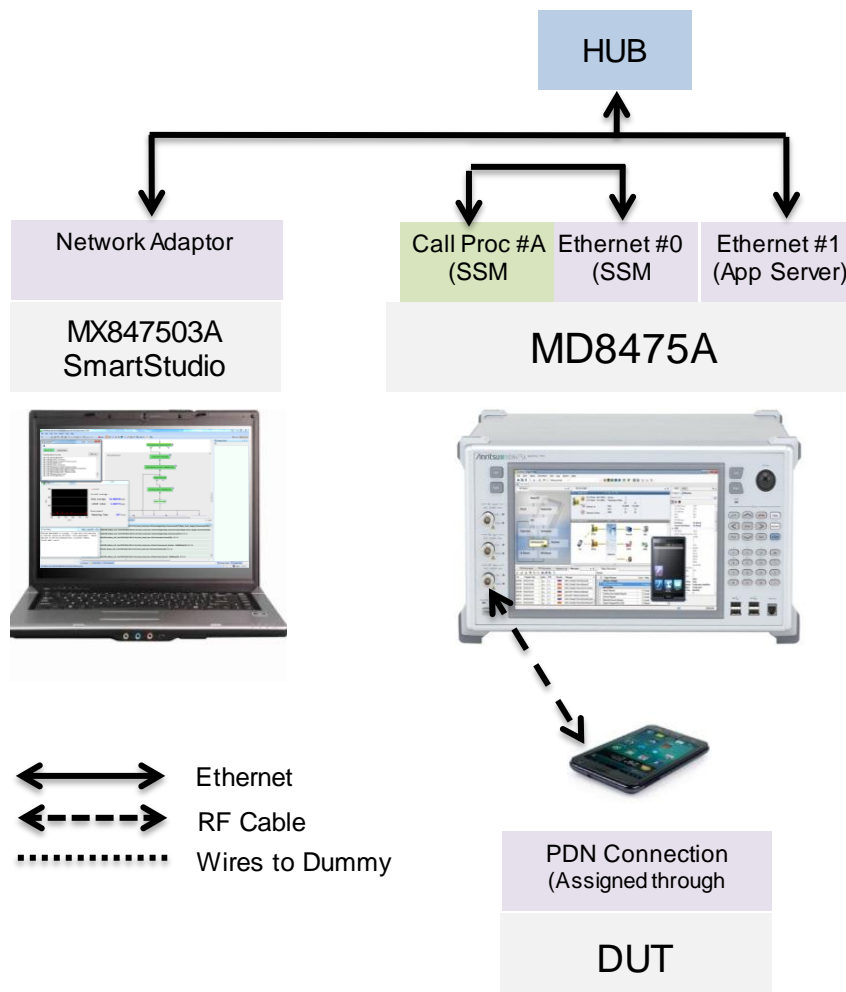
- SSM Test PKG AT&T Cell Broadcast (MX847503A-141)

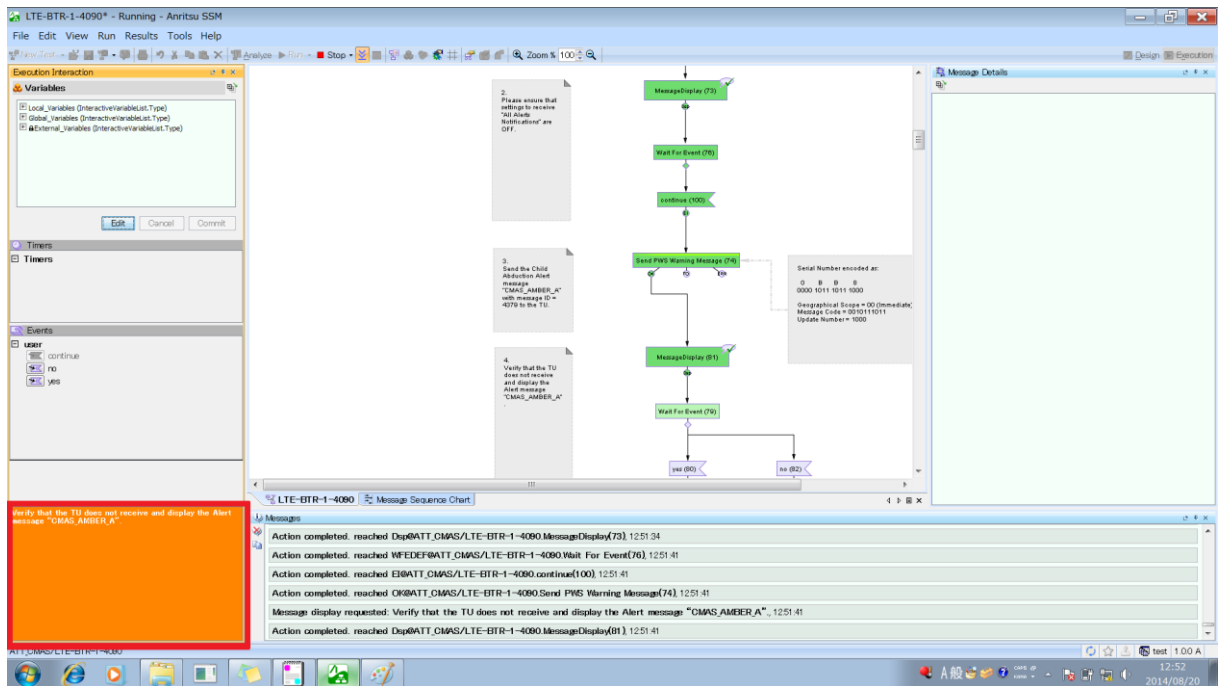
### ■ Cell Broadcast is a Key Consumer Differentiator

CMAS, with its broad reach and immediacy, provides important social functions in today's ultra-connected world. The importance of services such as emergency notification means device compliance is essential to public safety. In addition to standard industry testing, AT&T also provides specific visual and audio guidelines to ensure effective user during a time of critical emergency situations.

### ■ The MX847530A-141 SmartStudio Manager Solution

Anritsu leverages its unique SmartStudio Manager (SSM) environment to offer the AT&T Cell Broadcast Test Package. This test package automatically configures the MD8475A Signaling Tester's network simulator and generates detailed test results.





The indicator of UE operation and CMAS message condition are displayed at SSM screen (surrounded by the red box) with vivid color.

## Ordering Information

Model	Name	Function Outline
MX847503A	SmartStudio Manager (*1)	Software to control SmartStudio from external PC plus test sequences for evaluating DUT
MX847503A-141	SSM Test PKG AT&T Cell Broadcast	38TCs included for AT&T Cell Broadcast
MX847503A-SS141	MX847503A-141 1 year Support Service	Support contract for MX847503A-141

Note\*1: Control PC is separately required.

Test Requirement Number	Test Description	Status	Anritsu SW File
LTE-BTR-1-4034	CMAS Message / GPRS 1900 / Cell Wide / Normal display Mode	D	LTE-BTR-1-4034
LTE-BTR-1-4035	CMAS Message / GPRS 1900 / Inter LA / Cell Wide / Normal display Mode	N	LTE-BTR-1-4035
LTE-BTR-1-4036	CMAS Message / UMTS Band II/ Intra PLMN / PLMN Wide	N	LTE-BTR-1-4036
LTE-BTR-1-4037	CBS Schedule Message / GPRS 1900 / Cell Wide	N	LTE-BTR-1-4037
LTE-BTR-1-4038	Receive same CMAS alert after deleting previous occurrence	D	LTE-BTR-1-4038
LTE-BTR-1-4039	Receive CMAS alert after voice call	D	LTE-BTR-1-4039
LTE-BTR-1-4040	CBS Message / UMTS Band II / Cell Wide / Normal display Mode	D	LTE-BTR-1-4040
LTE-BTR-1-4042	CBS Schedule Message / GPRS 1900 / Cell Wide /Normal Display mode	N	LTE-BTR-1-4042
LTE-BTR-1-4043	CBS Message / UMTS Band II / Cell Wide / Normal Display Mode	N	LTE-BTR-1-4043

LTE-BTR-1-4044	CBS Message / UMTS Band II / Cell Wide / Normal Display Mode	D	LTE-BTR-1-4044
LTE-BTR-1-4045	CBS Message / UMTS Band II / Cell Wide / Normal Display Mode	D	LTE-BTR-1-4045
LTE-BTR-1-4046	CBS Message / UMTS Band II / Cell Wide / Normal Display Mode	N	LTE-BTR-1-4046
LTE-BTR-1-4047	CBS Message / UMTS Band II / Cell Wide / Normal Display Mode	N	LTE-BTR-1-4047
LTE-BTR-1-4048	CBS Message / UMTS Band II / Cell Wide / Normal Display Mode	N	LTE-BTR-1-4048
LTE-BTR-1-4049	CBS Message / UMTS Band II / Cell Wide / Normal Display Mode	N	LTE-BTR-1-4049
LTE-BTR-1-4050	CBS Schedule Message / UMTS Band II / Cell Wide/ Normal Display Mode	N	LTE-BTR-1-4050
LTE-BTR-1-4052	CBS Schedule Message / UMTS Band II / Cell Wide / Normal Display Mode	N	LTE-BTR-1-4052
LTE-BTR-1-4054	CMAS Message / UMTS Band V/ Audio Signal Indication	D	LTE-BTR-1-4054
LTE-BTR-1-4055	CMAS Message / UMTS Band V / RMT Display	D	LTE-BTR-1-4055
LTE-BTR-1-4056	CMAS Message / UMTS Band V / duplicate CMAS alerts to be suppressed	D	LTE-BTR-1-4056
LTE-BTR-1-4057	CMAS Message / GSM 1900/ MT Voice Call after CMAS Alert	D	LTE-BTR-1-4057
LTE-BTR-1-4058	CMAS Message / UMTS Band V / No Support to Forward / Reply /Copy / Paste the CMAS alert contents	D	LTE-BTR-1-4058
LTE-BTR-1-4059	CMAS Message / UMTS Band V / Multiple CMAS Alerts	D	LTE-BTR-1-4059
LTE-BTR-1-4060	CMAS Message / UMTS Band II / Activate and Deactivate the CMAS audio attention signal	D	LTE-BTR-1-4060
LTE-BTR-1-4061	CMAS Message / UMTS Band II / Updated CMAS alert message	D	LTE-BTR-1-4061
LTE-BTR-1-4062	CMAS Message / UMTS Band V/ Message Identifiers in the "Search List" of the TU	D	LTE-BTR-1-4062
LTE-BTR-1-4063	CMAS Message / UMTS Band II / Vibration Cadence Capability	D	LTE-BTR-1-4063
LTE-BTR-1-4064	CMAS Message / UMTS Band V / CMAS message identifiers	D	LTE-BTR-1-4064
LTE-BTR-1-4065	CMAS Message / UMTS Band II / Message Codes / Geographical Scope and Update Number of a CMAS broadcast message	D	LTE-BTR-1-4065
LTE-BTR-1-4067	CMAS Message /UMTS Band V / MT SMS Received After CMAS Alert	D	LTE-BTR-1-4067
LTE-BTR-1-4068	CMAS Message /UMTS Band V/ Voicemail Received After CMAS Alert	D	LTE-BTR-1-4068
LTE-BTR-1-4069	CMAS Message /UMTS Band V / opt- out of "All imminent threats" alert messages	D	LTE-BTR-1-4069
LTE-BTR-1-4070	CMAS Message /UMTS Band V / opt- out of "Severe imminent threat" alert messages	D	LTE-BTR-1-4070
LTE-BTR-1-4071	CMAS Message /UMTS Band II / Not to opt- out Imminent Threat Alert messages	D	LTE-BTR-1-4071
LTE-BTR-1-4072	CMAS Message /UMTS Band V / Extreme and Severe imminent threat opt-out processing is independent of the Child Abduction Emergency/AMBER Alert opt-out settings	D	LTE-BTR-1-4072
LTE-BTR-1-4073	CBS Schedule Message / GSM 850/1900 / Cell Wide / Reselection success	N	LTE-BTR-1-4073
LTE-BTR-1-4075	CMAS Message / Inter RAT / Reselection success	N	LTE-BTR-1-4075
LTE-BTR-1-4077	CMAS message / GPRS 1900/ Inter PLMN / PLMN Wide/ Same Update Number	N	LTE-BTR-1-4077
LTE-BTR-1-4078	CMAS Message / UMTS Band II/ Inter PLMN / PLMN Wide/ Same Update Number	N	LTE-BTR-1-4078
LTE-BTR-1-4079	CMAS Message / UMTS Band V/ Intra LA / Location Area Wide / Different Update Number	N	LTE-BTR-1-4079

LTE-BTR-1-4080	CMAS Message / GPRS 1900/ ICBS DRX / Cell Wide/ Normal Display Mode/ CMAS not received but schedule message is followed	N	LTE-BTR-1-4080
LTE-BTR-1-4081	CMAS Message / UMTS Band II/ I Level-2 Scheduling / Cell Wide/ Normal Display Mode/ CMAS not received but schedule message is followed	N	LTE-BTR-1-4081
LTE-BTR-1-4082	CMAS Message / UMTS Band V/ CMAS Message/ Message repetition rate longer than level-2 schedule message rate	D	LTE-BTR-1-4082
LTE-BTR-1-4083	CMAS Message / GPRS 1900/ CMAS Message/ Message longer than single page	D	LTE-BTR-1-4083
LTE-BTR-1-4084	CMAS Message / UMTS Band V/ CMAS Message/ Duplicate alert not suppressed/ Airplane mode	D	LTE-BTR-1-4084
LTE-BTR-1-4085	CMAS message / GPRS 1900/ Intra PLMN / PLMN Wide/ Different Update Number	N	LTE-BTR-1-4085
LTE-BTR-1-4086	CMAS message / GPRS 1900/ Intra LA / Location Area Wide/ Different Update Number	N	LTE-BTR-1-4086
LTE-BTR-1-4087	CMAS message / GPRS 1900/ Inter LA / Location Area Wide/ same Update Number	N	LTE-BTR-1-4087
LTE-BTR-1-4088	CMAS message / UMTS Band V/ Inter LA / Location Area Wide/ same Update Number	N	LTE-BTR-1-4088
LTE-BTR-1-4089	CMAS message/ Inter RAT / PLMN Wide/ Same Serial Number / Duplicate alert discarded	N	LTE-BTR-1-4089
LTE-BTR-1-4090	LTE / Opt-Out of AMBER and Imminent Threat Alerts	A	LTE-BTR-1-4090
LTE-BTR-1-4092	LTE / Opt-Out of Severe Imminent Threat Alerts	A	LTE-BTR-1-4092
LTE-BTR-1-4094	LTE / RMT & Exercise Alerts	A	LTE-BTR-1-4094
LTE-BTR-1-4096	LTE / Message longer than single page	A	LTE-BTR-1-4096
LTE-BTR-1-4098	LTE / Airplane Mode / Duplicate alert not discarded	A	LTE-BTR-1-4098
LTE-BTR-1-4100	LTE / Delete message / Duplicate alert discarded	A	LTE-BTR-1-4100
LTE-BTR-1-4102	LTE / Intra TA / Cell Wide - Normal Display Mode / Same Update Number	A	LTE-BTR-1-4102
LTE-BTR-1-4104	LTE / Intra PLMN / PLMN Wide / Different Update Number	A	LTE-BTR-1-4104
LTE-BTR-1-4106	LTE / Inter PLMN / PLMN Wide / Same Update Number	A	LTE-BTR-1-4106
LTE-BTR-1-4108	LTE / Intra TA / Tracking Area Wide / Different Update Number	A	LTE-BTR-1-4108
LTE-BTR-1-4110	LTE / Inter RAT / PLMN Wide/ Same Serial Number / Duplicate alert discarded	A	LTE-BTR-1-4110
LTE-BTR-1-4112	LTE / Inter RAT / PLMN Wide/ Same Serial Number / Duplicate alert discarded	N	LTE-BTR-1-4112
LTE-BTR-1-4114	LTE / Out of service/ PLMN Wide /Same Serial Number / Duplicate alert discarded	N	LTE-BTR-1-4114
LTE-BTR-1-4116	CMAS message/ UMTS Band II / PLMN Wide/ Out of service / Same Serial Number / Duplicate alert discarded	N	LTE-BTR-1-4116

A: validated

D: TC created, but not validated

N: TC not created yet