IDEAL NETWORKS

UniPRO MGig1

IDEAL NETWORKS

Quick Reference Guide
152800 Issue 2

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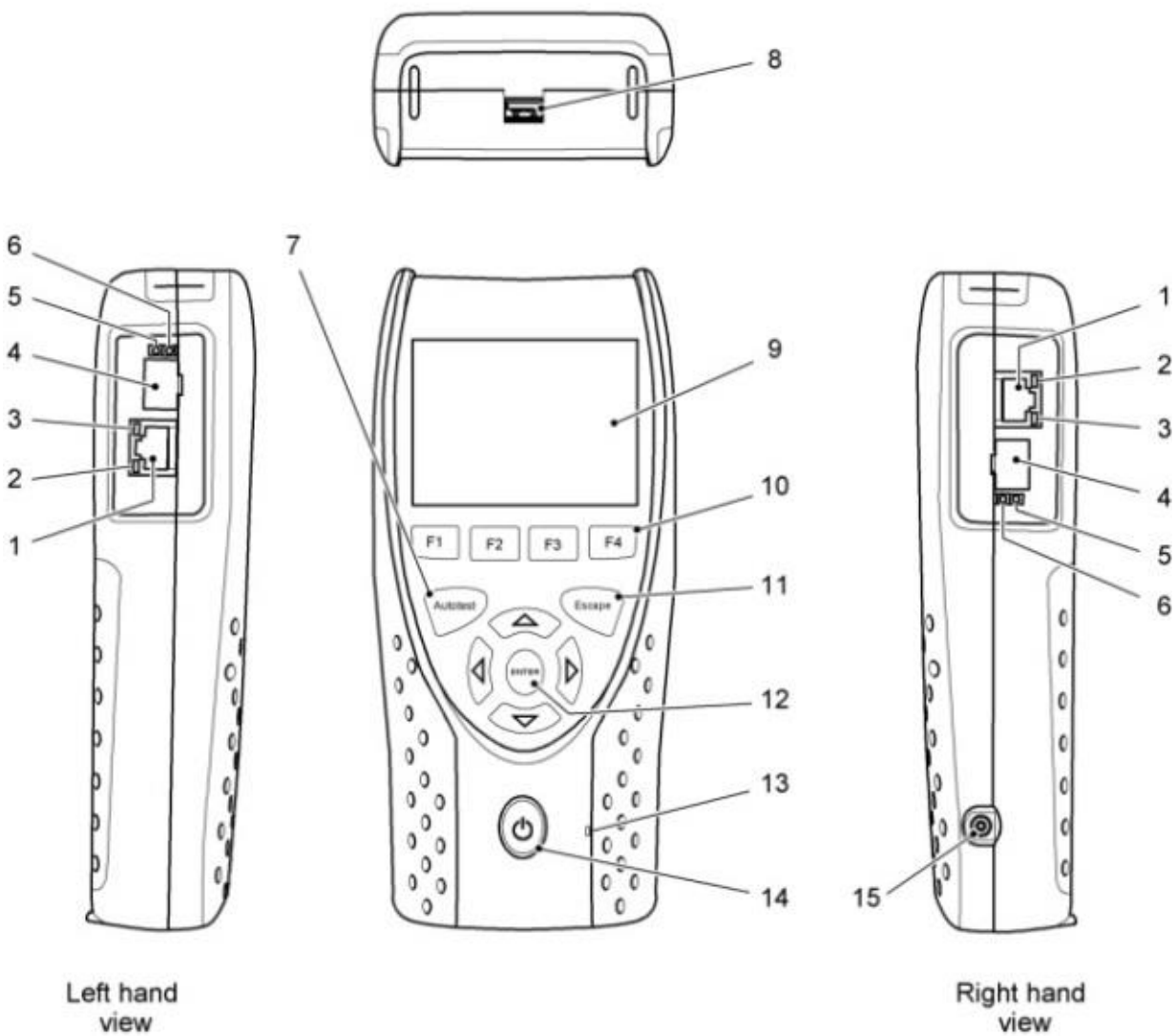


[1] Items 4, 5 & 6 – MGig1 PLUS & PRO models only

[2] Items 1 to 6 on right hand view – MGig1 Duo models only.

1[2]	RJ 45 port	9	LCD color display
2[2]	RJ 45 activity LED	10	Function keys F1 to F4
3[2]	RJ 45 link LED	11	Escape key
4[1,2]	Optical port (SFP)	12	Cursor and ENTER keys
5[1,2]	Optical activity LED	13	Charger LED
6[1,2]	Optical link LED	14	ON/OFF button
7	Autotest button	15	DC in connector
8	USB port		

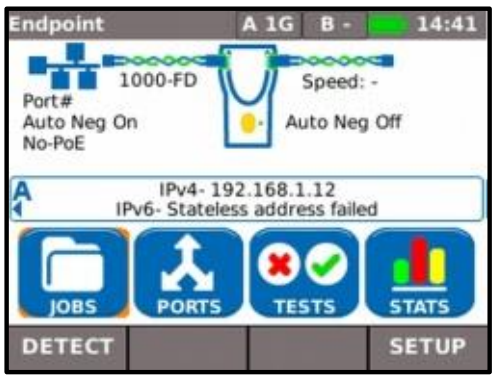
Power Indications – Charger LED

*Charger LED	Status
Green	**Battery pack is charging**
Off (with charger connected)	**Battery pack is charged**
Green flashing	**Battery pack is not being charged**

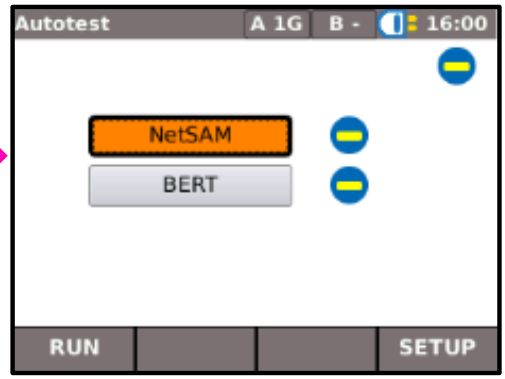
Power indications – on screen

Four Ways to Navigate

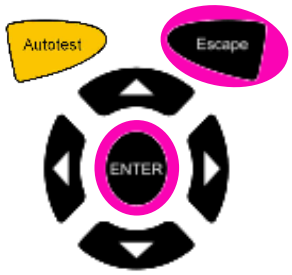
1



Autotest



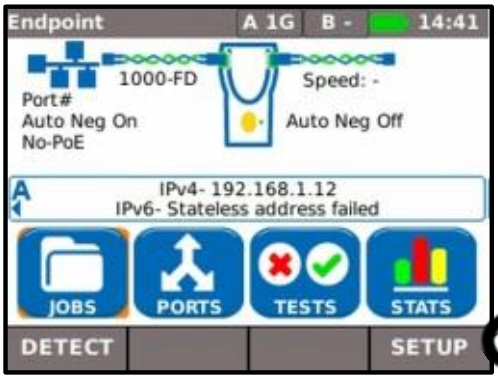
2



Escape – returns to previous screen

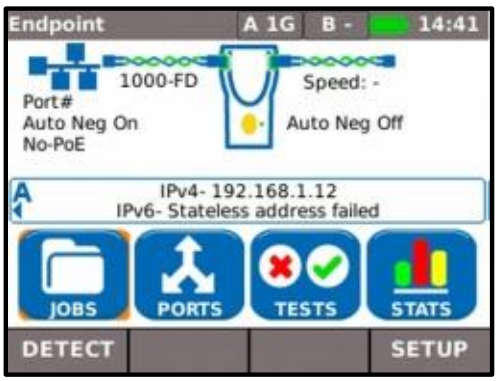
ENTER – accepts selection

3



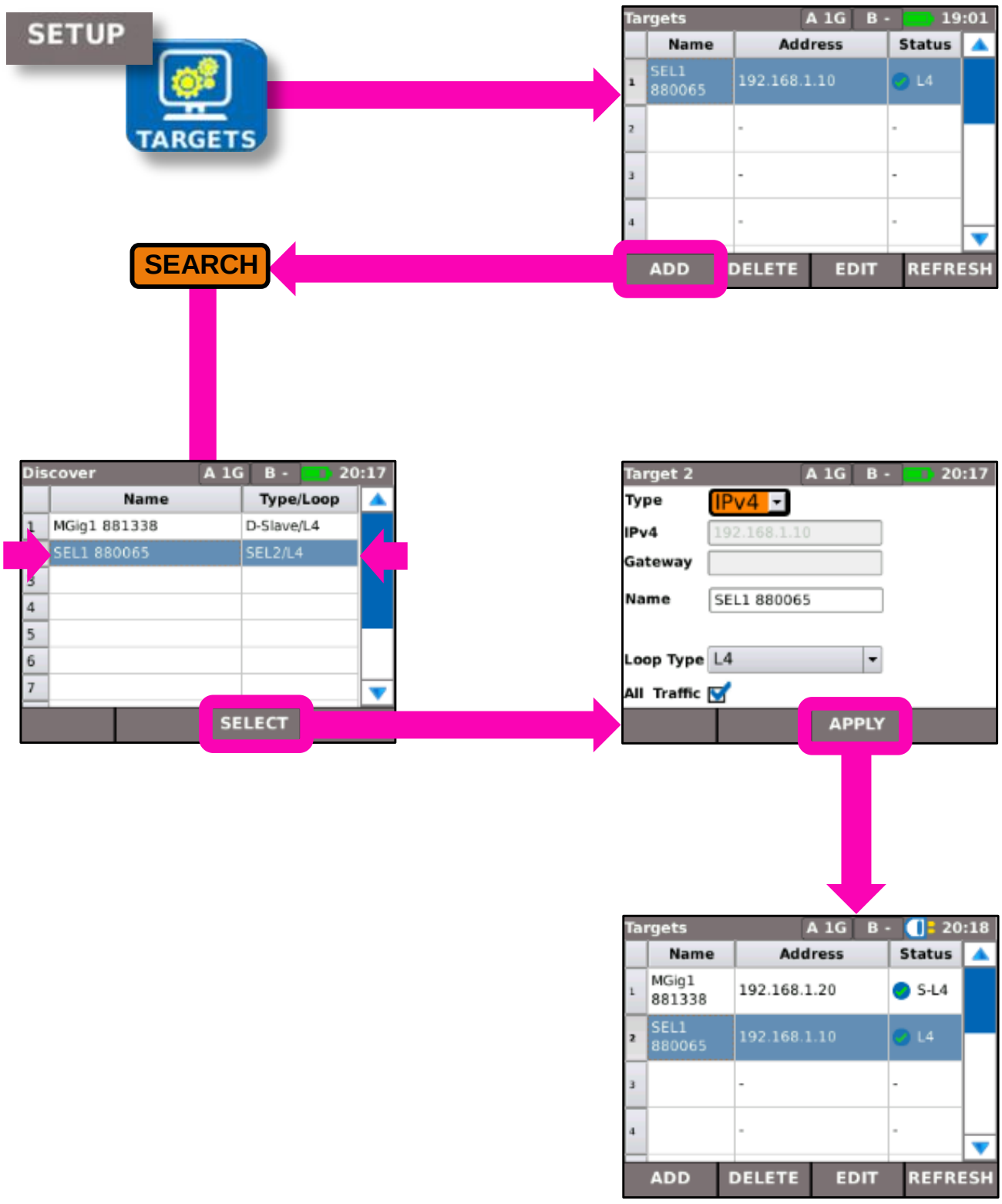
Touch Screen

4



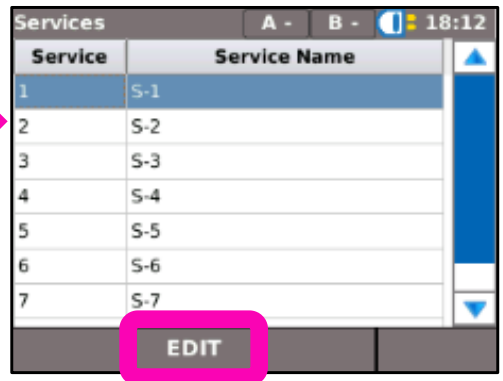
F1 F2 F3 F4

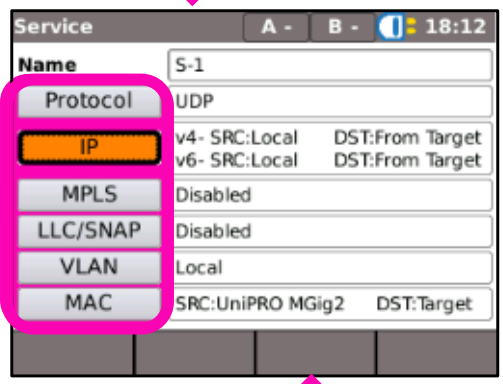
Targets

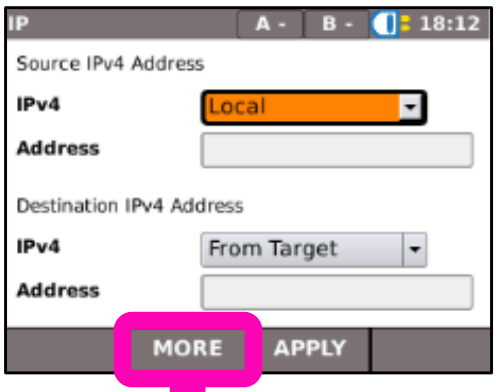

SETUP
TARGETS
Targets
A 1G
B -
19:01
Name
Address
Status
1
SEL1 880065
192.168.1.10
L4
2
3
4
ADD
DELETE
EDIT
REFRESH
SEARCH
Discover
A 1G
B -
20:17
Name
Type/Loop
1
MGig1 881338
D-Slave/L4
SEL1 880065
SEL2/L4
3
4
5
6
7
SELECT
Target 2
A 1G
B -
20:17
Type
IPv4
IPv4
192.168.1.10
Gateway
Name
SEL1 880065
Loop Type
L4
All Traffic
APPLY
Targets
A 1G
B -
20:18
Name
Address
Status
1
MGig1 881338
192.168.1.20
S-L4
2
SEL1 880065
192.168.1.10
L4
3
4
ADD
DELETE
EDIT
REFRESH

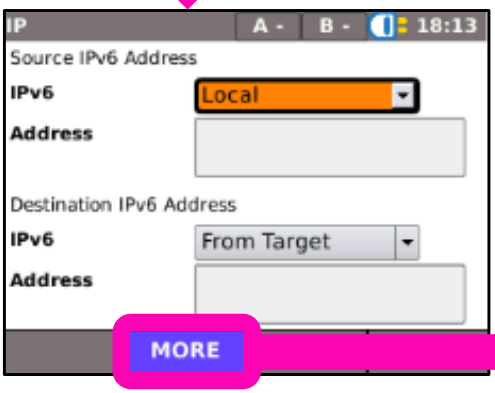
Services

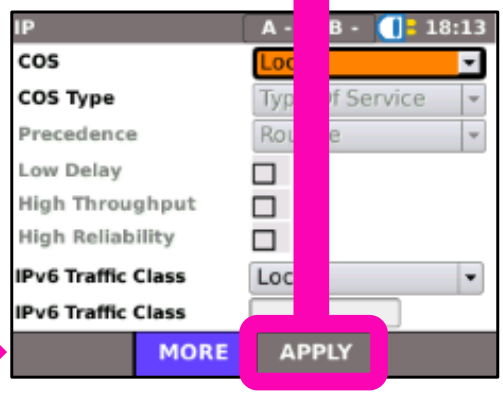
Services 2 to 8 available on
PLUS & PRO models only



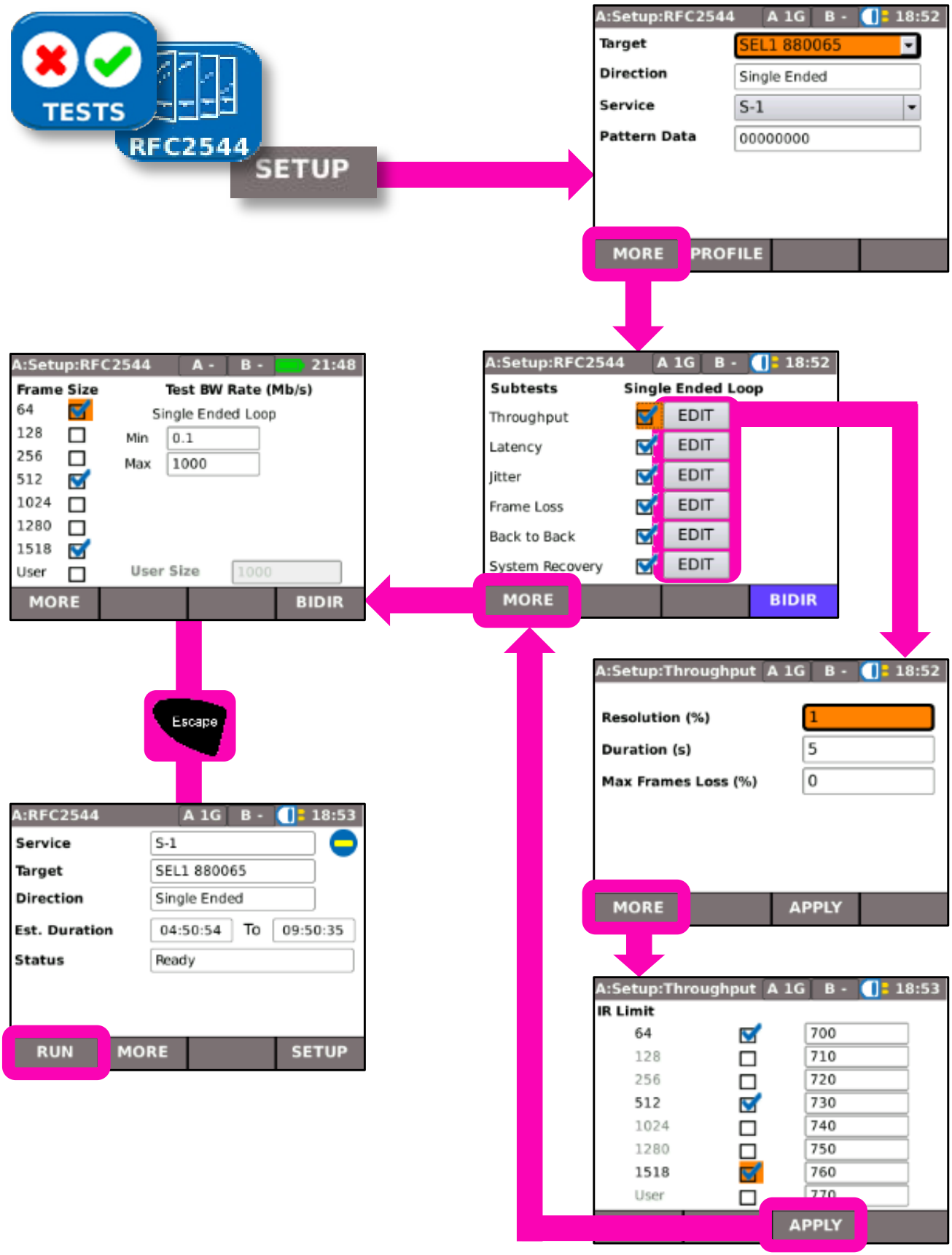




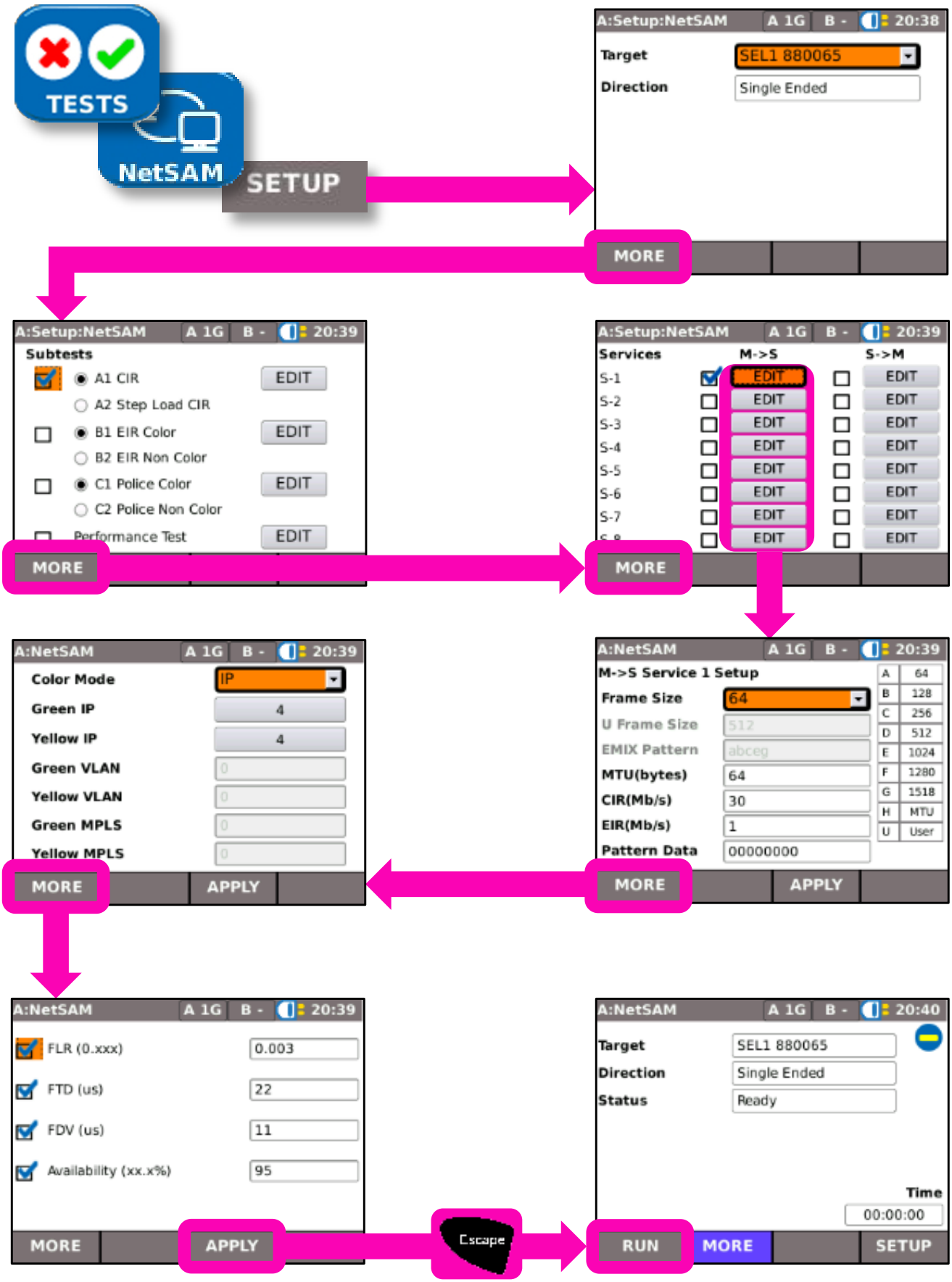




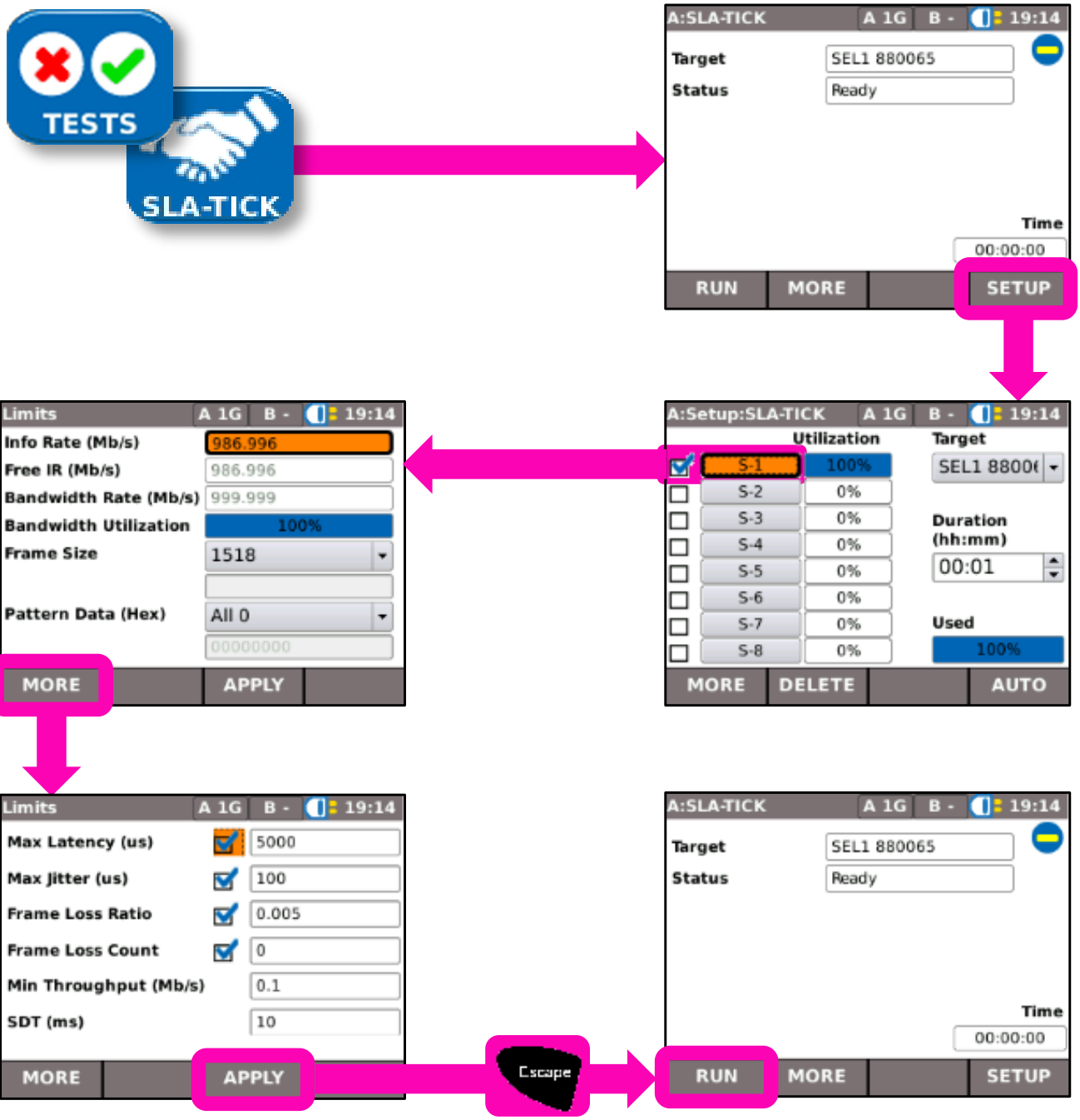
RFC2544


TESTS
RFC2544
SETUP
A:Setup:RFC2544 A 1G B - 18:52
Target SEL1 880065
Direction Single Ended
Service S-1
Pattern Data 00000000
MORE PROFILE
A:Setup:RFC2544 A 1G B - 18:52
Subtests Single Ended Loop
Throughput EDIT
Latency EDIT
Jitter EDIT
Frame Loss EDIT
Back to Back EDIT
System Recovery EDIT
MORE BIDIR
A:Setup:RFC2544 A - B - 21:48
Frame Size Test BW Rate (Mb/s)
64
128
256
512
1024
1280
1518
User
Single Ended Loop
Min 0.1
Max 1000
User Size 1000
MORE BIDIR
Escape
A:Setup:Throughput A 1G B - 18:52
Resolution (%) 1
Duration (s) 5
Max Frames Loss (%) 0
MORE APPLY
A:Setup:Throughput A 1G B - 18:53
IR Limit
64 700
128 710
256 720
512 730
1024 740
1280 750
1518 760
User 770
APPLY
A:RFC2544 A 1G B - 18:53
Service S-1
Target SEL1 880065
Direction Single Ended
Est. Duration 04:50:54 To 09:50:35
Status Ready
RUN MORE SETUP

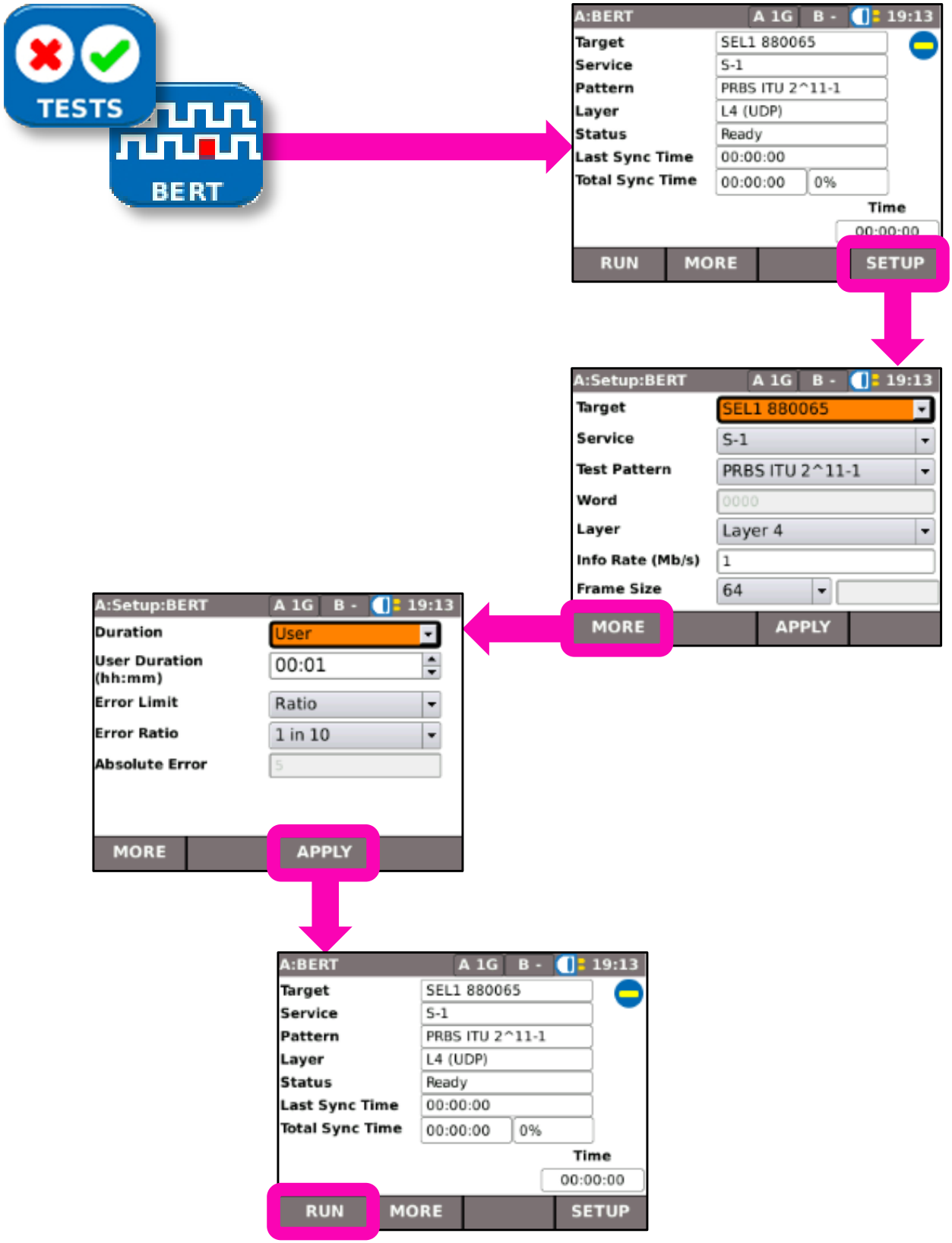
NetSAM


TESTS
NetSAM
SETUP
A:Setup:NetSAM A 1G B - 20:38
Target SEL1 880065
Direction Single Ended
MORE
A:Setup:NetSAM A 1G B - 20:39
Subtests
A1 CIR EDIT
A2 Step Load CIR
B1 EIR Color EDIT
B2 EIR Non Color
C1 Police Color EDIT
C2 Police Non Color
Performance Test EDIT
MORE
A:Setup:NetSAM A 1G B - 20:39
Services M->S S->M
S-1 EDIT EDIT
S-2 EDIT EDIT
S-3 EDIT EDIT
S-4 EDIT EDIT
S-5 EDIT EDIT
S-6 EDIT EDIT
S-7 EDIT EDIT
MORE
A:NetSAM A 1G B - 20:39
Color Mode IP
Green IP 4
Yellow IP 4
Green VLAN 0
Yellow VLAN 0
Green MPLS 0
Yellow MPLS 0
MORE APPLY
A:NetSAM A 1G B - 20:39
M->S Service 1 Setup
Frame Size 64
U Frame Size 512
EMIX Pattern abceg
MTU(bytes) 64
CIR(Mb/s) 30
EIR(Mb/s) 1
Pattern Data 00000000
A 64
B 128
C 256
D 512
E 1024
F 1280
G 1518
H MTU
U User
MORE APPLY
A:NetSAM A 1G B - 20:39
FLR (0.xxx) 0.003
FTD (us) 22
FDV (us) 11
Availability (xx.x%) 95
MORE APPLY
Escape
A:NetSAM A 1G B - 20:40
Target SEL1 880065
Direction Single Ended
Status Ready
Time
00:00:00
RUN MORE SETUP

SLA-TICK


TESTS
SLA-TICK
A:SLA-TICK
A 1G
B -
19:14
Target
SEL1 880065
Status
Ready
Time
00:00:00
RUN
MORE
SETUP
A:Setup:SLA-TICK
Utilization
Target
S-1
100%
SEL1 8800
S-2
0%
S-3
0%
Duration (hh:mm)
S-4
0%
00:01
S-5
0%
S-6
0%
S-7
0%
Used
S-8
0%
100%
MORE
DELETE
AUTO
Limits
Info Rate (Mb/s)
986.996
Free IR (Mb/s)
986.996
Bandwidth Rate (Mb/s)
999.999
Bandwidth Utilization
100%
Frame Size
1518
Pattern Data (Hex)
All 0
00000000
MORE
APPLY
Max Latency (us)
5000
Max Jitter (us)
100
Frame Loss Ratio
0.005
Frame Loss Count
0
Min Throughput (Mb/s)
0.1
SDT (ms)
10
MORE
APPLY
Escape
A:SLA-TICK
A 1G
B -
19:14
Target
SEL1 880065
Status
Ready
Time
00:00:00
RUN
MORE
SETUP

BERT


TESTS
BERT
A:BERT
A 1G
B -
19:13
Target
SEL1 880065
Service
S-1
Pattern
PRBS ITU 2^11-1
Layer
L4 (UDP)
Status
Ready
Last Sync Time
00:00:00
Total Sync Time
00:00:00
0%
Time
00:00:00
RUN
MORE
SETUP
A:Setup:BERT
A 1G
B -
19:13
Target
SEL1 880065
Service
S-1
Test Pattern
PRBS ITU 2^11-1
Word
0000
Layer
Layer 4
Info Rate (Mb/s)
1
Frame Size
64
MORE
APPLY
A:Setup:BERT
A 1G
B -
19:13
Duration
User
User Duration (hh:mm)
00:01
Error Limit
Ratio
Error Ratio
1 in 10
Absolute Error
5
MORE
APPLY
A:BERT
A 1G
B -
19:13
Target
SEL1 880065
Service
S-1
Pattern
PRBS ITU 2^11-1
Layer
L4 (UDP)
Status
Ready
Last Sync Time
00:00:00
Total Sync Time
00:00:00
0%
Time
00:00:00
RUN
MORE
SETUP