

LAMPIRAN A

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A.1 Nilai referensi optical power test & optical sensitivity test

Type	Wavelength (nm) Max Distance (Km)	Optical Power (dBm)	Sensitivity (dBm)	Minimum Overload (dBm)
FC/PC SC/PC	S1.1 1261 – 1360 15	-13 to -8	-30	-7
	L1.1 1280-1335 40	0 to -3.5	-36	-9
	L1.2 1480-1580 80	0 to -3.5	-36	-9
FC/PC SC/PC	S4.1 1261 – 1360 15	-8 to -13	-30	-7
	L4.1 1280-1335 40	+2 to -2.5	-32	-7
	L4.2 1480-1580 80	+2 to -2.5	-32	-7

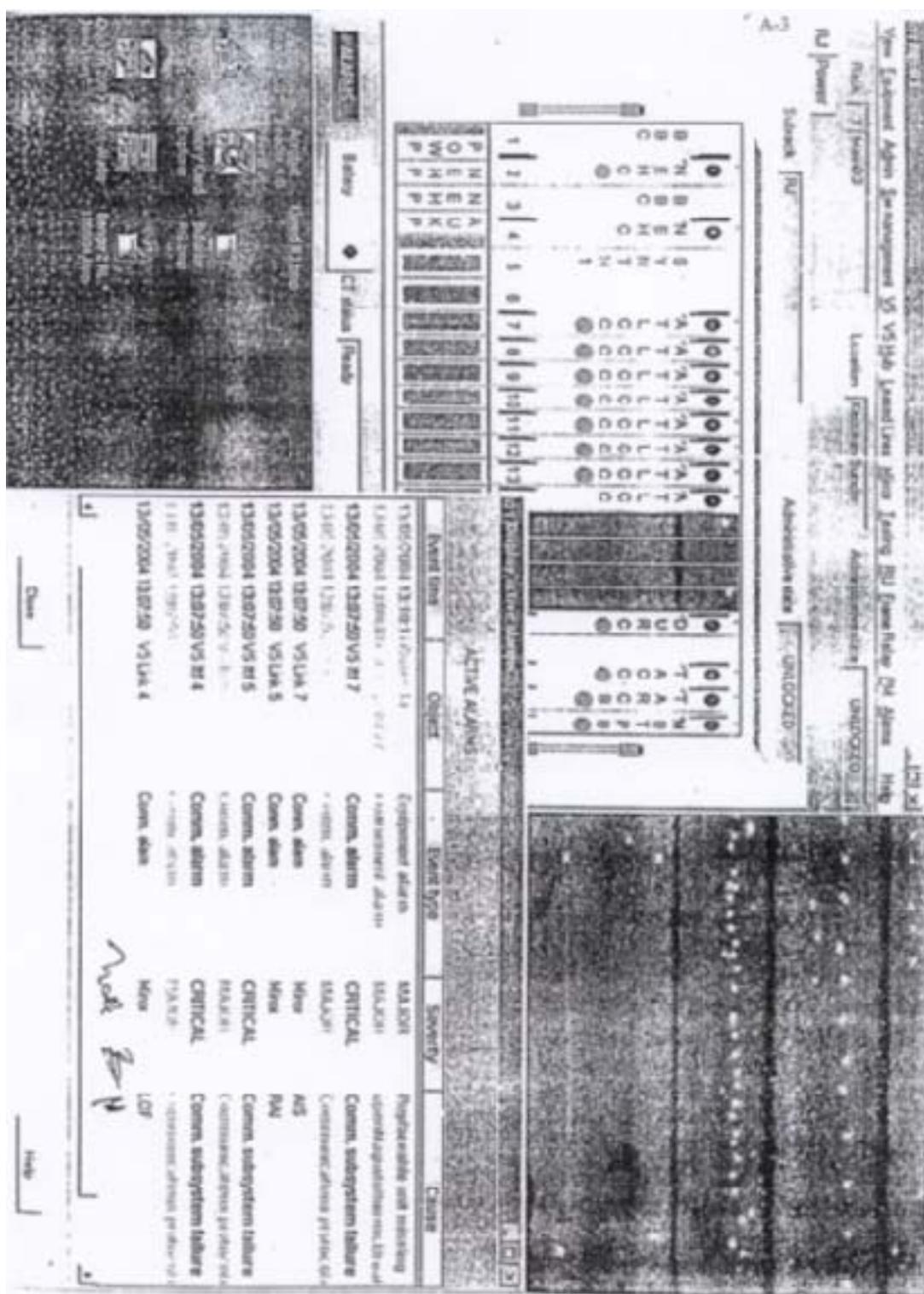
A.2 Hasil narrowband service test

SLOT	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PORt																		
Incoming Call																		
Outgoing Call																		
Off Without Dialing																		
Long Time No Answer																		
Called Busy																		
Unsuccessfull Call-Called party undefined																		
Calling Back on Busy																		
Call Transfer																		
Call Waiting																		
Dial Up Capability																		
Fax Capability																		
3 Party Call																		
Call Diversion																		
16 KHz Meter Pulse Recognition																		
Line Reversal/Pulse Reverse Polarity																		

A.3 Hasil alarm test

	ALARM TYPE	RESULT	COMMENT
ENVIRNM.	Doors Open	ok	
POWER SUPPLY	Mains	ok	
	Battery	ok	
UNITS	Missing Cards	ok	
SYNCHRON.	Source Reference		
TRANSPORT	LOS	ok	
	AIS	ok	
	LOF	ok	
	RAI	ok	
	LOW Q (BER > 10 ⁻³)		
VS INTERFACE	Active Link	ok	
SUBSCRIBER	Line Breakdown	ok	
	LOS/Loss Of EOC	ok	
OTHERS			
ALARM ACKNOWLEDGMENT		TARCB	ok
		CRAFT	ok

A.4 Gambar display pengetesan pada PC



A.5 Nilai referensi besarnya daya sinyal pada bagian pemancar

Transmit Power Reference Value

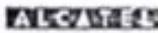
CHARACTERISTICS	UNIT	VALUE			
		S-1.1	L-1.1	L-1.2	L-1.2 JE1
Application code (Table 1/G.957)					
Operating wavelength range	Nm	1261-1360	1280-1335	1480-1580	1530-1560
TRANSMITTER AT REFERENCE POINT S					
Source type		MLM	MLM	SLM	SLM
Mean launched power					
- Maximum	DBm	-8	0	0	0
- Minimum	DBm	-15	-5	-5	-4

A.6 Nilai referensi besarnya daya sinyal pada bagian penerima

Nilai referensi besarnya daya sinyal pada bagian penerima

Application code (Table 1/G.957)		S-1.1	L-1.1	L-1.2	L-1.2 JE1
Operating wavelength range	Nm	1261-1360	1280-1335	1480-1580	1530-1560
RECEIVER AT REFERENCE POINT R					
Minimum sensitivity (BER 10^{-10})	DBm	-28	-34	-34	-38
Minimum overload	DBm	-8	-10	-10	-13

A.7 Hasil pengukuran port 2 Mbit/s

						
Port Card Slot No	:	5				
Access Card Slot No	:					
Spare Card	:	Yes / No				
2Mbps No.	Main			Spare		
	Error Meas	AIS TX Cut Off	SNCP Test	Error Meas	AIS TX Cut Off	SNCP Test
1	Ok	Ok	Ok			
2	Ok	Ok	Ok			
3	Ok	Ok	Ok			
4	Ok	Ok	Ok			
5	Ok	Ok	Ok			
6	Ok	Ok	Ok			
7	Ok	Ok	Ok			
8	Ok	Ok	Ok			
9	Ok	Ok	Ok			
10	Ok	Ok	Ok			
11	Ok	Ok	Ok			
12	Ok	Ok	Ok			
13	Ok	Ok	Ok			
14	Ok	Ok	Ok			
15	Ok	Ok	Ok			
16	Ok	Ok	Ok			
17	Ok	Ok	Ok			
18	Ok	Ok	Ok			
19	Ok	Ok	Ok			
20	Ok	Ok	Ok			
21	Ok	Ok	Ok			
22	Ok	Ok	Ok			
23	Ok	Ok	Ok			
24	Ok	Ok	Ok			
25	Ok	Ok	Ok			
26	Ok	Ok	Ok			
27	Ok	Ok	Ok			
28	Ok	Ok	Ok			

B-6 P. ct

Note



AEGATEL

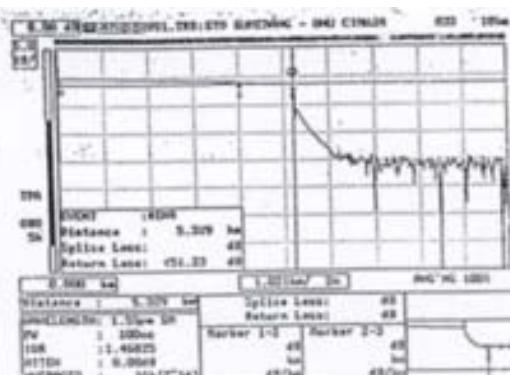
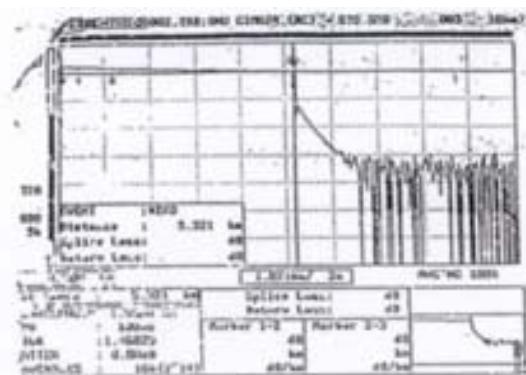


Port Card Slot No : 4
Access Card Slot No :
Spare Card : Yes / No

2Mbps No.	Main			Spare		
	Error Meas	AIS TX Cut Off	SNCP Test	Error Meas	AIS TX Cut Off	SNCP Test
1	Ok	On	On			
2	Ok	On	On			
3	Ok	On	On			
4	Ok	On	On			
5	Ok	On	On			
6	Ok	On	On			
7	Ok	On	On			
8	Ok	On	On			
9	Ok	On	On			
10	Ok	On	On			
11	Ok	On	On			
12	Ok	On	On			
13	Ok	On	On			
14	Ok	On	Ok			
15	Ok	On	Ok			
16	Ok	On	On			
17	Ok	On	On			
18	Ok	On	On			
19	Ok	Ok	On			
20	Ok	On	Ok			
21	Ok	On	On			
22	Ok	On	On			
23	Ok	On	Ok			
24	Ok	On	On			
25	Ok	On	On			
26	Ok	On	On			
27	Ok	On	Ok			
28	Ok	On	Ok			

Note

A.8 Contoh hasil OTDR test



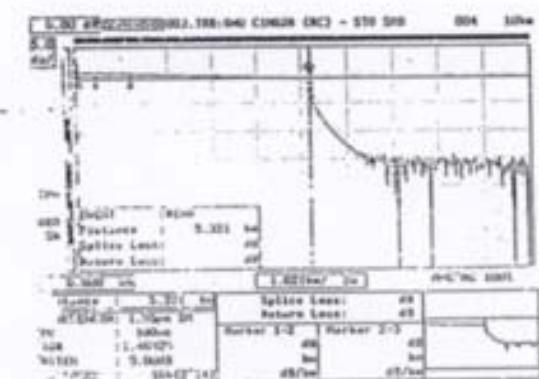
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DIAL-TRIMMING - DIAL CIRCUIT      833      MAY 18, 2000 14:05
First, SOURCE: 1000  INVOICE 11003    214  REVERSE THRESHOLD
WAVELENGTH: 1.550 nm APPROXIMATELY: 10K  SPLICE LOSS: 0.014
FLARE WIDTH: 50nm SPICE SPACING: <0.00008 RETURN LOSS: 52dB
ATTENDEMENT: 0.0049 dB  L: 1.40025 END OF FILE: 1000

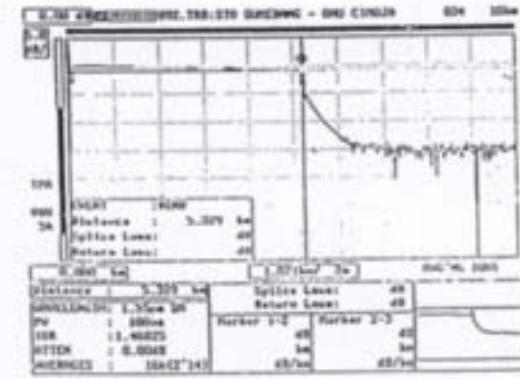
DRAFT DISTANCE OFFICE RETURN CUMULATIVE   DRAFT SPAN
NO.    CM3  LOSSES(0) LOSSES(1) LOSSES(2) dB/km TYPE  KM
-----+-----+-----+-----+-----+-----+-----+
1     4.338  0.00  0.52  0.13  S+  1.40025
2     5.329  (L-2)  0.00  0.21  S  1.40025

TOTAL OPTICAL RETURN LOSS: <05.00 dB

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WZD, 198-080 CIRCUIT (CHC) - 310 SPK		601	INITIAL TESTS 13/11	
TEST NUMBER	300m AVERAGE TIMES	2'34	INTERFACING TECHNIQUE	
UNCLASHT	1.550ms SP APPROXIMATELY	2'34	SILICE LOSS	0.014%
PULSE WIDTH	100ms BRICK SCRAPER	2'32.000	RETURN LOSS	5.523
RTS/RESET	0.300ms 100s	1.46823	EMI OF FIBER	100%
TEST	DISTANCE	SILICE	RETURN	CALCULATED
NO.	MM	LOSS(MDB)	LOSS(MDB)	LOSS(MDB)
1	0.453	0.04	-0.00	-0.00
2	1.211	0.05	0.23	0.19
3	1.211	0.05	1.13	0.21



LAMPIRAN B

**FOTO PERANGKAT
&
FOTO ALAT UKUR**

B.1 FOTO ALAT UKUR



Pigtail FC/PC



Optical test kits



Alat ukur OTDR

B.2 FOTO PERANGKAT



Penampang belakang perangkat 1642 EM



Penampang belakang perangkat 1642 EM



Penampang depan perangkat 1642 EM pada rack



Penampang depan perangkat 1642 EM



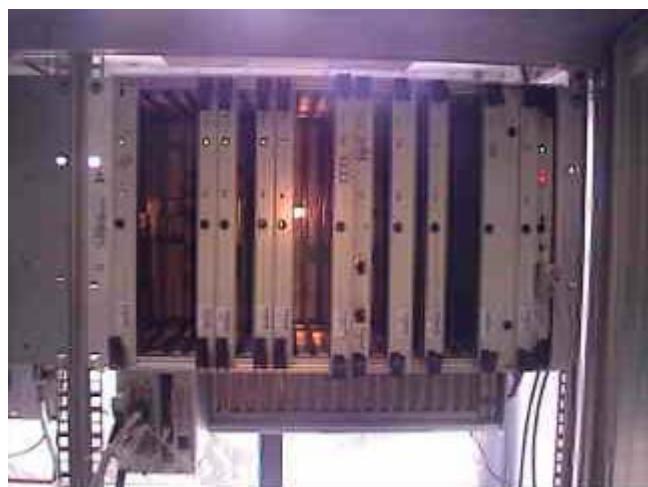
Rak cabinet 1642 EM



STO Sumedang



Rak cabinet DLC



MLS module



Slot card pada module MLS



Card card pada module MLS



ATLC card module



Catu daya utama



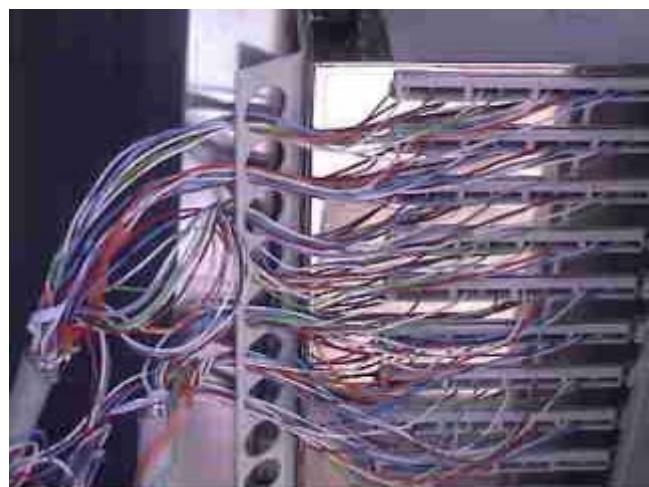
Terminal catu daya



Catu daya cadangan



Ruang MDF



Terminasi pada MDF