

付 属 資 料 2-3

気 象 デ ー タ

— 日射量、日照時間、風速、気温、湿度、降水量 —

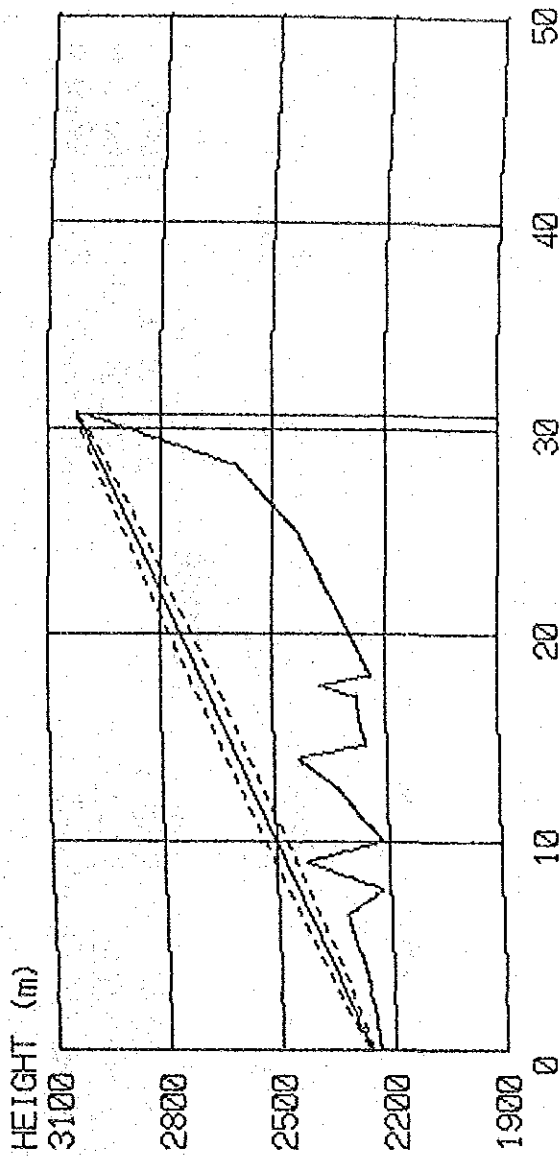
METEOROLOGICAL DATA
(1979~1987)

		Month												年間 平均	
		1	2	3	4	5	6	7	8	9	10	11	12		
SANA'A	Av. Solar Radiation	Cal/cm ²	380	473	474	556	545	568	471	457	550	514	483	471	495
	Av. Sunshine Duration	h	9.5	9.8	8.4	8.7	9.3	9.8	8.1	7.3	9.7	9.9	10.1	9.3	9.2
	Max. Wind Speed	Knot	22	22	20	45	13	22	20	26	22	16	20	20	22.4
	Av. Temperature	°C	14.4	16.4	17.6	18.9	20.5	22.4	22.4	21.9	20.2	16.5	14.1	13.4	18.2
	Av. Relative Humidity	%	47	47	55	50	44	36	41	52	36	38	43	42	44
	Av. Precipitation	mm	14.3	11.6	50.4	29.6	24.0	4.6	21.1	49.1	4.2	8.4	0.0	3.5	18.4
DHAMAR	Av. Solar Radiation	Cal/cm ²	317	439	365	467	472	511	462	441	-	-	-	-	434
	Av. Sunshine Duration	h	10.1	10.6	8.1	9.0	8.3	8.7	8.3	7.3	9.8	9.9	10.7	9.9	9.2
	Max. Wind Speed	Knot	-	-	-	-	-	-	-	-	-	-	-	-	-
	Av. Temperature	°C	11.1	13.5	14.9	16.0	18.5	20.7	21.1	19.1	18.0	15.9	12.1	12.6	16.1
	Av. Relative Humidity	%	47	40	64	55	49	44	50	59	44	40	37	42	48
	Av. Precipitation	mm	0.4	39.2	78.0	62.1	21.2	12.8	18.2	74.2	24.8	0.0	0.0	17.0	29.0
HUDAYDAH	Av. Solar Radiation	Cal/cm ²	421	435	500	509	513	448	396	408	406	438	452	415	445
	Av. Sunshine Duration	h	9.0	9.0	8.4	9.0	8.8	8.0	7.6	6.9	7.5	9.5	9.6	8.8	8.5
	Max. Wind Speed	Knot	20	26	24	22	40	20	16	16	16	18	24	22	22
	Av. Temperature	°C	25.8	26.5	28.4	29.4	32.4	32.6	34.1	33.8	33.3	31.4	28.0	26.2	30.2
	Av. Relative Humidity	%	75	76	75	74	71	73	70	67	68	68	68	73	72
	Av. Precipitation	mm	4.0	0.0	0.3	6.8	0.4	1.5	0.0	0.0	0.3	7.4	0.0	0.5	1.8
TAIZZ	Av. Solar Radiation	Cal/cm ²	416	458	476	509	508	482	401	421	441	481	437	391	452
	Av. Sunshine Duration	h	8.0	9.0	8.3	9.0	8.6	8.5	7.0	7.7	7.9	9.6	9.2	8.7	8.5
	Max. Wind Speed	Knot	24	18	24	24	45	50	34	30	23	22	20	18	27.7
	Av. Temperature	°C	18.7	19.7	21.4	22.5	24.8	25.1	25.1	24.4	21.1	21.1	20.0	18.1	22.2
	Av. Relative Humidity	%	62	61	64	62	55	52	55	58	55	55	54	65	58
	Av. Precipitation	mm	23.7	12.6	57.5	66.8	73.8	42.6	52.6	98.9	70.6	31.1	3.2	2.2	44.6

付 属 資 料 3-1
無 線 伝 播 路 プ ロ フ ァ イ ル

PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



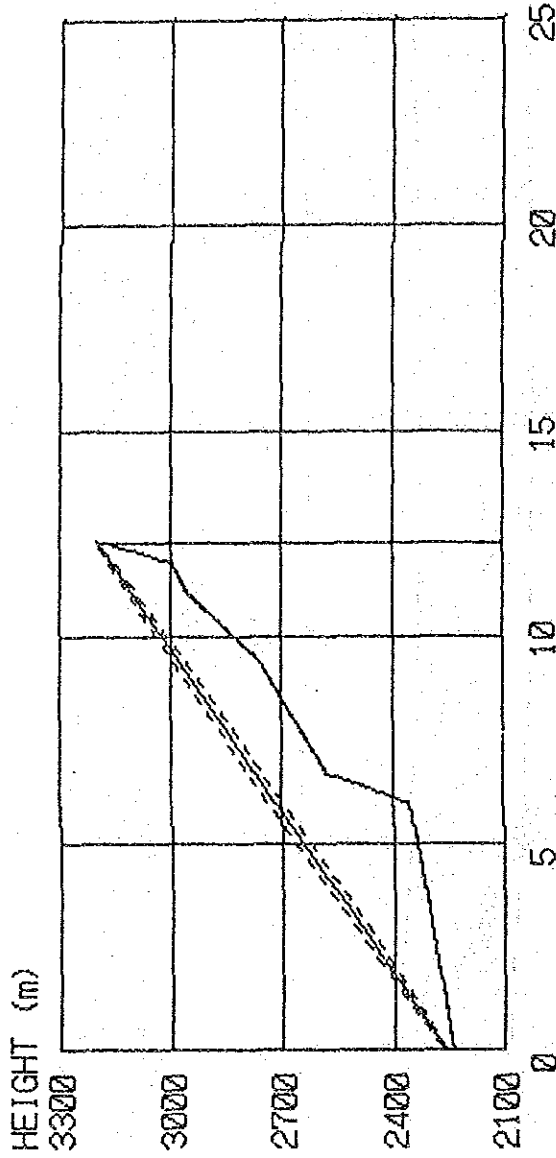
SITE NAME : SANA'A	DISTANCE : 30.7 km
GROUND LEVEL : 2242.0 m	SITE NAME : DAYN
ANT.HEIGHT 1 : 20.0 m	GROUND LEVEL : 3010.0 m
	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m	
CRITICAL POINT : 9.0 Km	RIDGE HEIGHT : 2425.0 m	
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 28.2 m	
CLEARANCE : 47.7 m	CLEARANCE FAC. : 1.7	
FREE SPACE LOSS : 129.8 dB	RIDGE LOSS : -0.7 dB	
TOTAL LOSS : 129.1 dB		

PROFILE No.	1
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 12.3 km

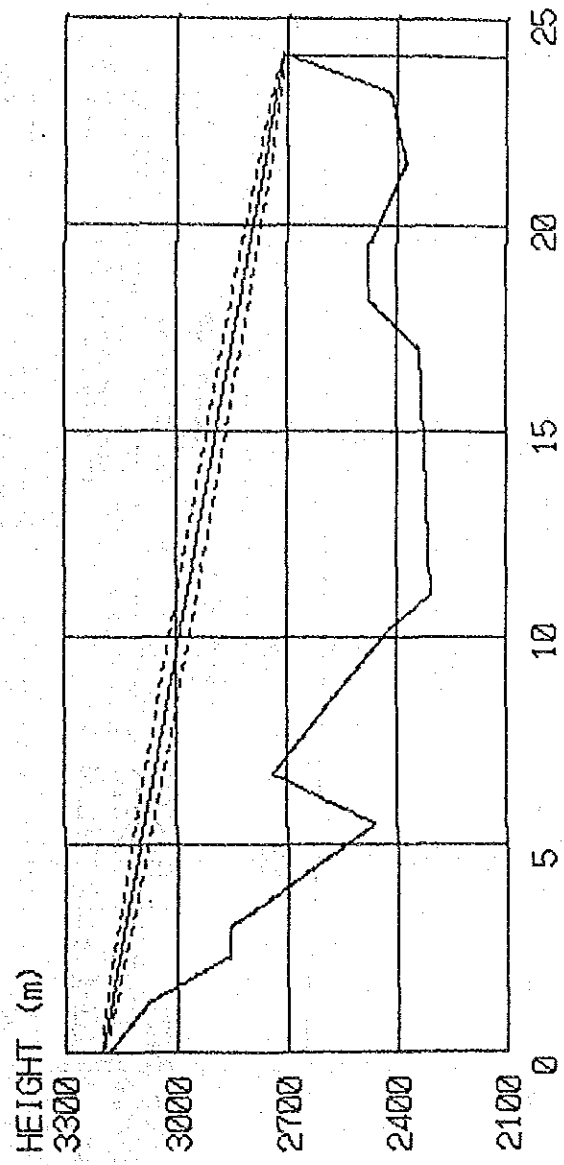
SITE NAME : SANA'A	SITE NAME : AYBAN
GROUND LEVEL : 2242.0 m	GROUND LEVEL : 3186.0 m
ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 6.7 Km	RIDGE HEIGHT : 2580.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 19.5 m
CLEARANCE : 188.6 m	CLEARANCE FAC. : 9.7
FREE SPACE LOSS : 121.9 dB	RIDGE LOSS : -0.0 dB
TOTAL LOSS : 121.9 dB	

PROFILE No.	2
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



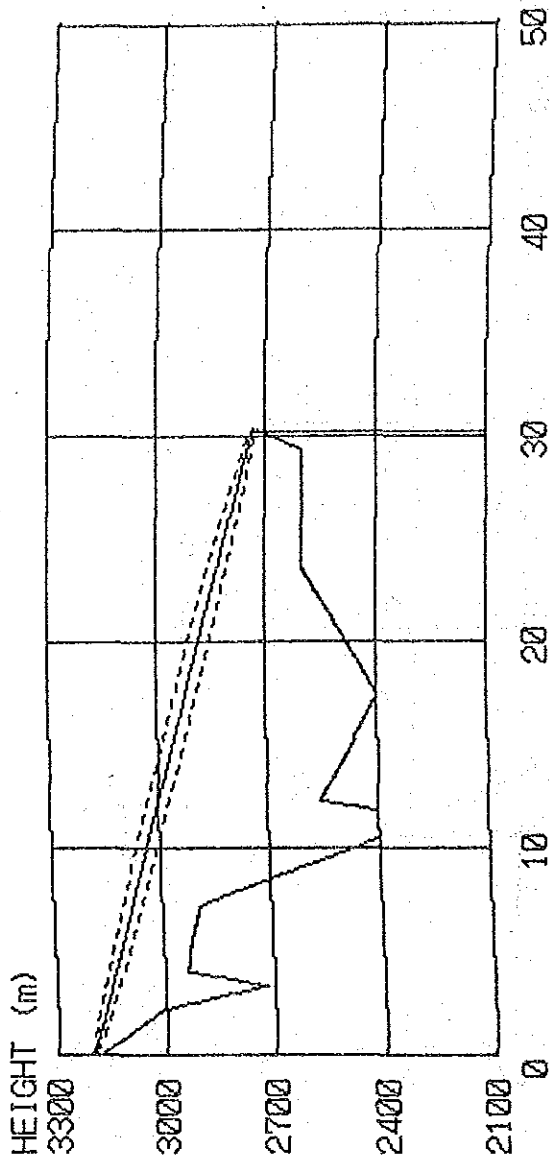
SITE NAME : AYBAN	DISTANCE : 24.1 km
GROUND LEVEL : 3186.0 m	SITE NAME : J. HARWAH
ANT. HEIGHT 1 : 15.0 m	GROUND LEVEL : 2700.0 m
	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 1.2 Km	RIDGE HEIGHT : 3080.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 11.9 m
CLEARANCE : 94.9 m	CLEARANCE FAC. : 8.0
FREE SPACE LOSS : 127.7 dB	RIDGE LOSS : -0.0 dB
TOTAL LOSS : 127.7 dB	

PROFILE No.	3
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 30.3 km

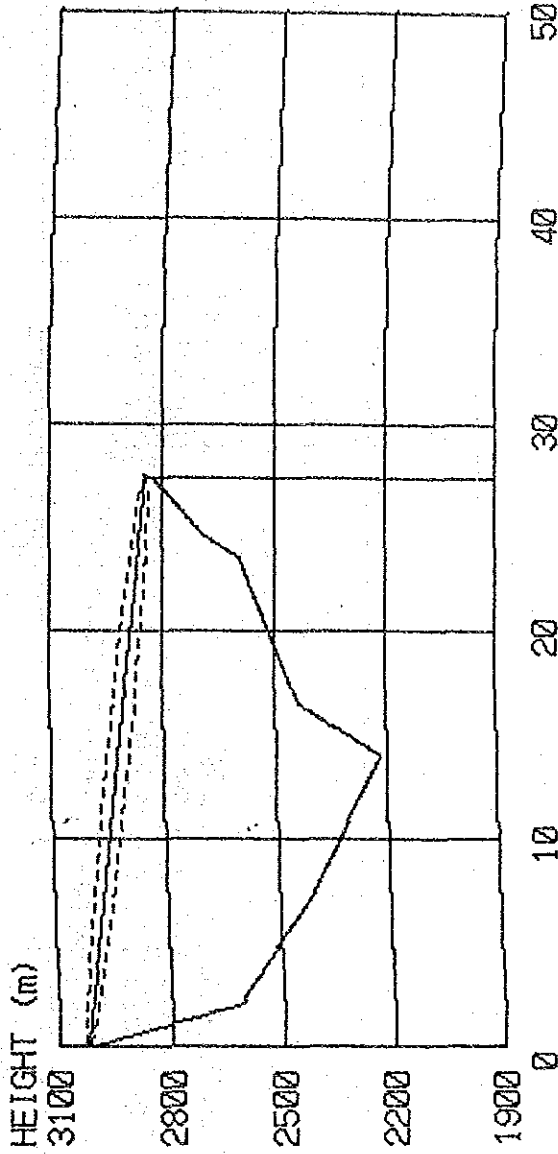
SITE NAME : AYBAN	SITE NAME : J.KANAN
GROUND LEVEL : 3186.0 m	GROUND LEVEL : 2720.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 7.2 Km	RIDGE HEIGHT : 2900.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 26.2 m
CLEARANCE : 179.3 m	CLEARANCE FAC. : 6.8
FREE SPACE LOSS : 129.7 dB	RIDGE LOSS : -0.2 dB
TOTAL LOSS : 129.5 dB	

PROFILE No.	4
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



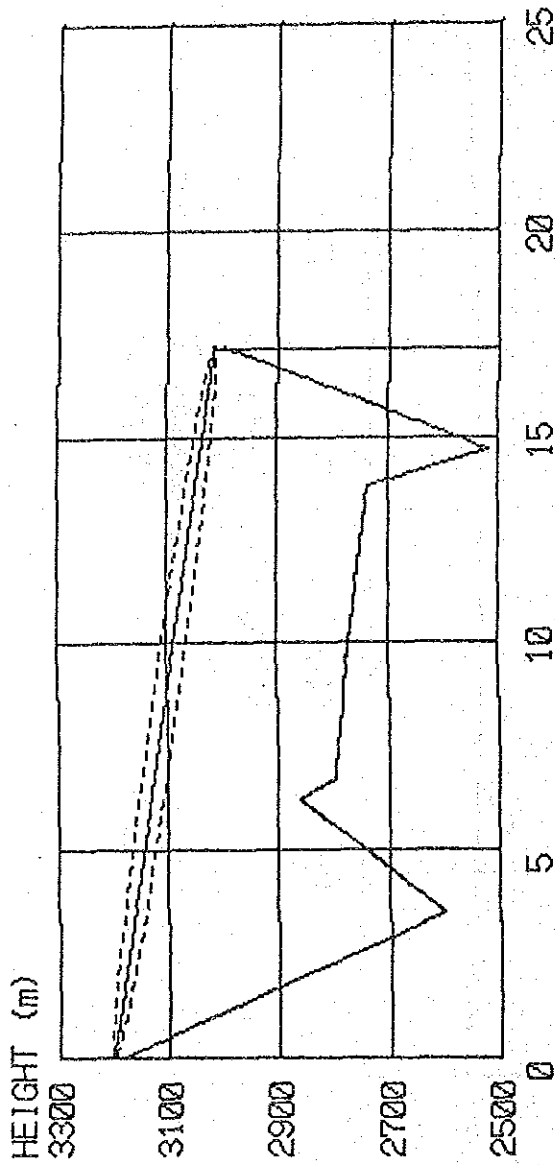
SITE NAME : DAYN DISTANCE : 27.4 km
 GROUND LEVEL : 3010.0 m SITE NAME : J. IYAL YAZID
 ANT.HEIGHT 1 : 15.0 m GROUND LEVEL : 2830.0 m
 ANT.HEIGHT 2 : 10.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 26.8 Km	RIDGE HEIGHT : 2800.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 8.6 m
CLEARANCE : 43.1 m	CLEARANCE FAC. : 5.0
FREE SPACE LOSS : 128.8 dB	RIDGE LOSS : 0.1 dB
TOTAL LOSS : 128.9 dB	

PROFILE No.	5
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



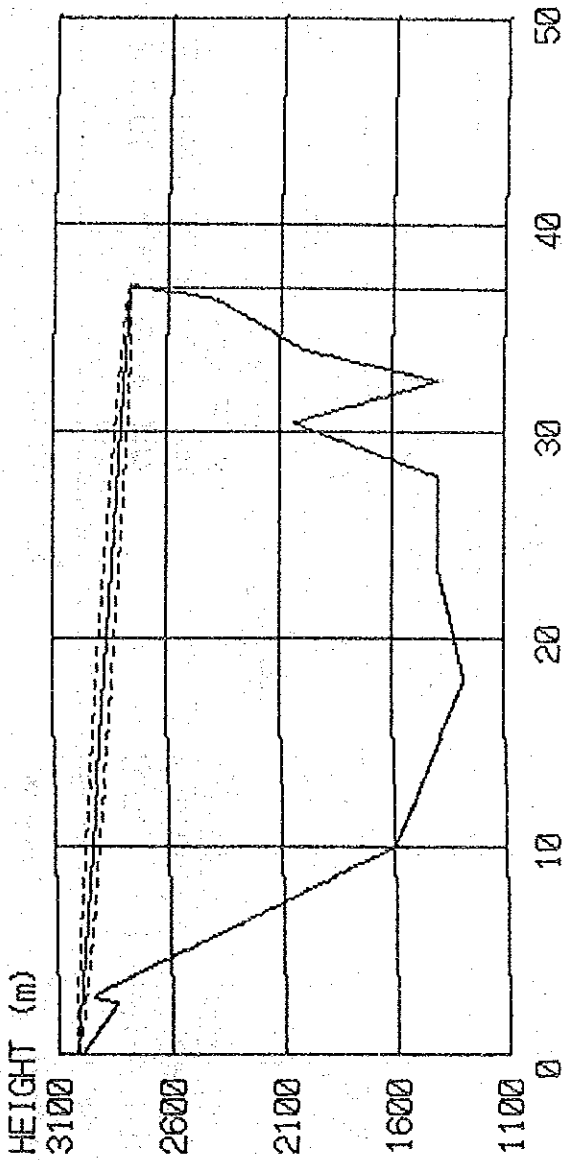
SITE NAME : AYBAN	DISTANCE : 17.2 km
GROUND LEVEL : 3186.0 m	SITE NAME : J. QUYFAN
ANT.HEIGHT 1 : 15.0 m	GROUND LEVEL : 3000.0 m
	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 6.2 Km	RIDGE HEIGHT : 2860.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 22.3 m
CLEARANCE : 268.1 m	CLEARANCE FAC. : 12.0
FREE SPACE LOSS : 124.8 dB	RIDGE LOSS : -0.1 dB
TOTAL LOSS : 124.7 dB	

PROFILE No.	6
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 37 km

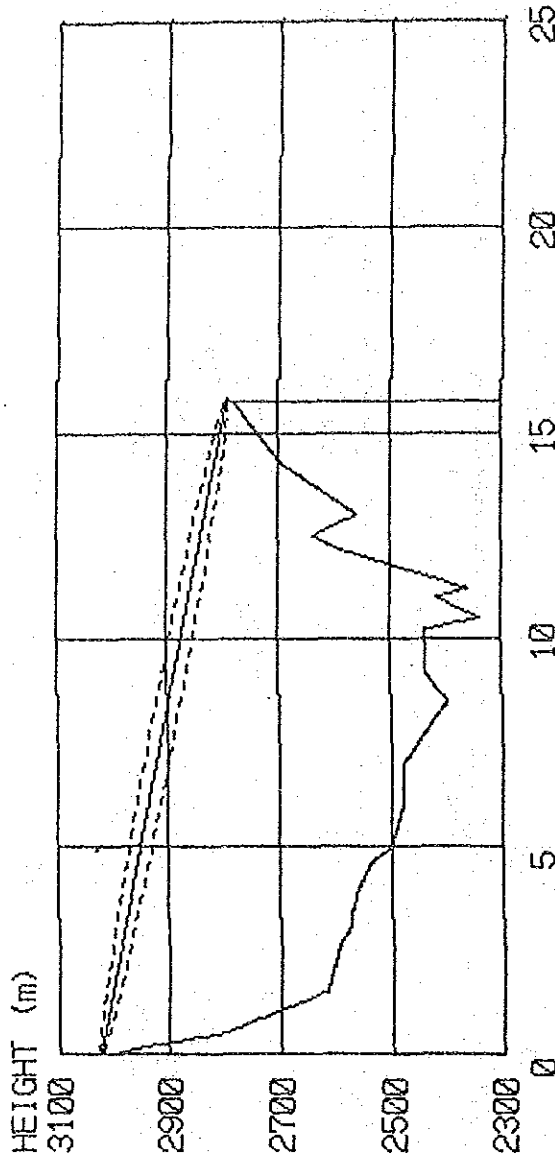
S I T E N A M E : J. G U Y F A N S I T E N A M E : M A S A R
 G R O U N D L E V E L : 3000.0 m G R O U N D L E V E L : 2750.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1 : 15.0 m	A N T . H E I G H T 2 : 10.0 m
C R I T I C A L P O I N T : 2.7 Km	R I D G E H E I G H T : 2950.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P . : 17.7 m
C L E A R A N C E : 40.9 m	C L E A R A N C E F A C . : 2.3
F R E E S P A C E L O S S : 131.4 dB	R I D G E L O S S : 0.2 dB
T O T A L L O S S : 131.6 dB	

P R O F I L E N o .	7
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



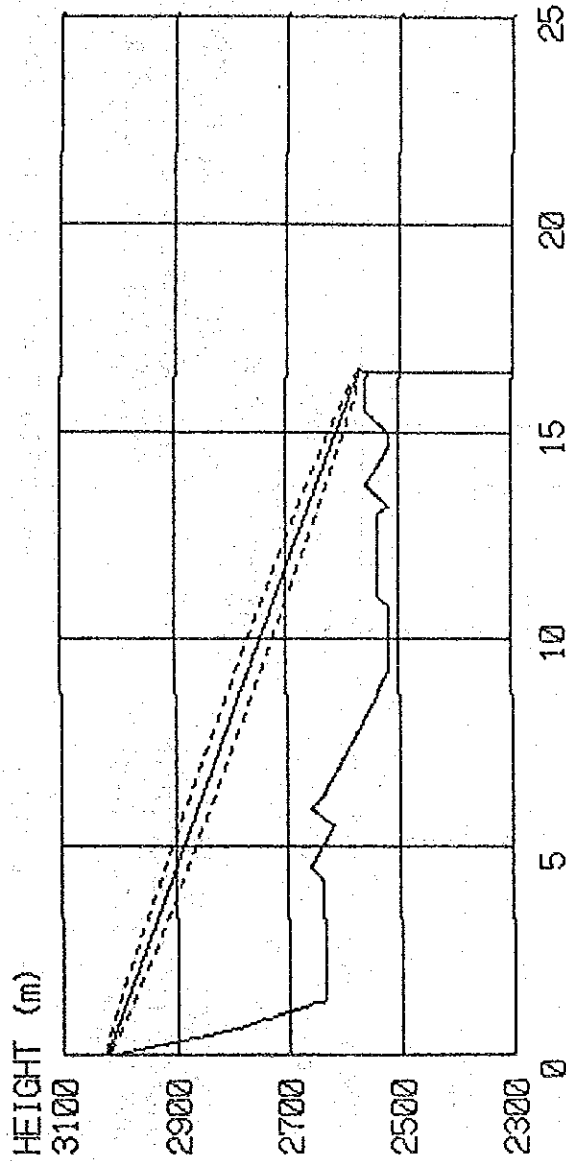
SITE NAME : DAYN D I S T A N C E : 15.8 km
 GROUND LEVEL : 3010.0 m S I T E N A M E : THILA
 ANT. HEIGHT 1 : 15.0 m GROUND LEVEL : 2780.0 m
 ANT. HEIGHT 2 : 10.0 m A N T . H E I G H T 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 14.3 Km	RIDGE HEIGHT : 2700.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 13.0 m
CLEARANCE : 111.0 m	CLEARANCE FAC. : 8.5
FREE SPACE LOSS : 124.0 dB	RIDGE LOSS : -0.2 dB
TOTAL LOSS : 123.9 dB	

PROFILE No.	8
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



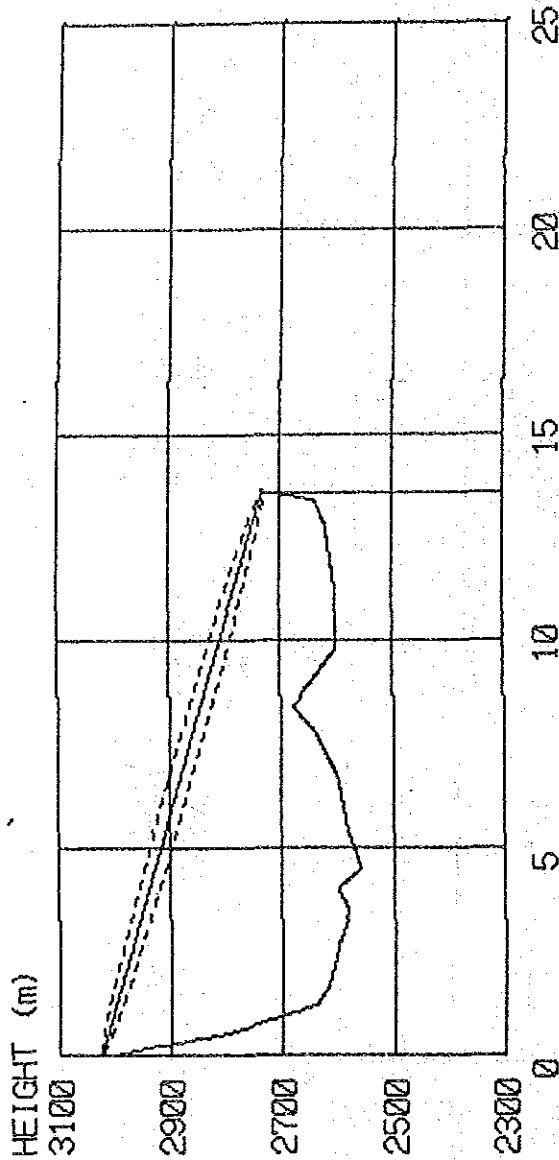
DISTANCE : 16.5 km
 SITE NAME : KHALAQAH
 GROUND LEVEL : 3010.0 m
 ANT.HEIGHT 1 : 15.0 m
 GROUND LEVEL : 2560.0 m
 ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	15.5 Km	RIDGE HEIGHT	:	2560.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	10.8 m
CLEARANCE	:	36.7 m	CLEARANCE FAC.	:	3.4
FREE SPACE LOSS	:	124.4 dB	RIDGE LOSS	:	0.2 dB
TOTAL LOSS	:	124.6 dB			

PROFILE No.	9
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



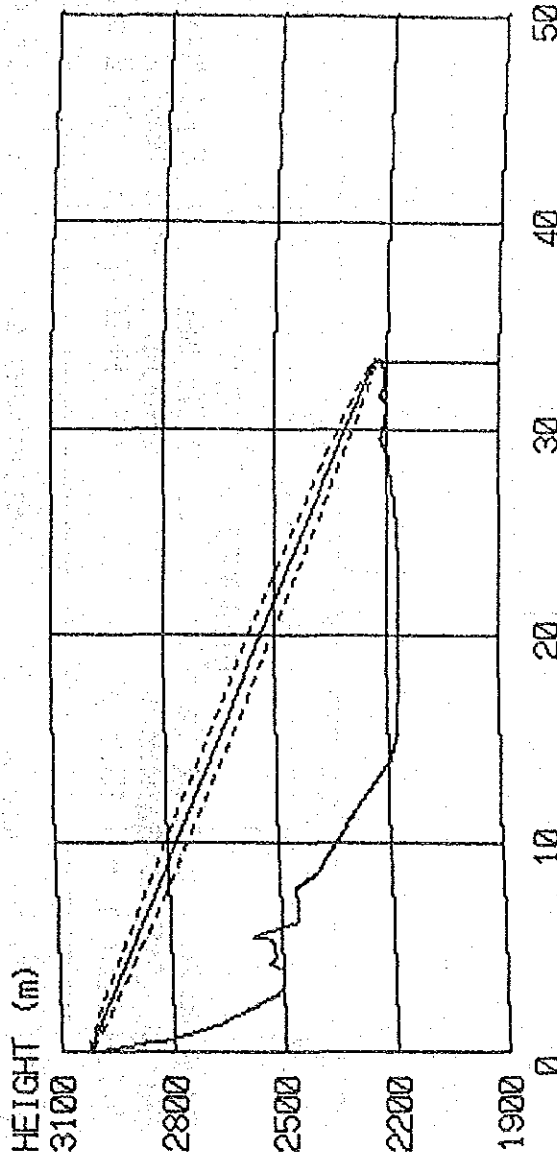
DISTANCE : 13.6 km
 SITE NAME : AL MUNAQQAB
 GROUND LEVEL : 2720.0 m
 ANT. HEIGHT 1 : 15.0 m
 ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 8.4 Km	RIDGE HEIGHT	: 2680.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEF.	: 20.0 m
CLEARANCE	: 160.2 m	CLEARANCE FAC.	: 8.0
FREE SPACE LOSS	: 122.7 dB	RIDGE LOSS	: 0.1 dB
TOTAL LOSS	: 122.9 dB		

PROFILE No.	10
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 33.4 km

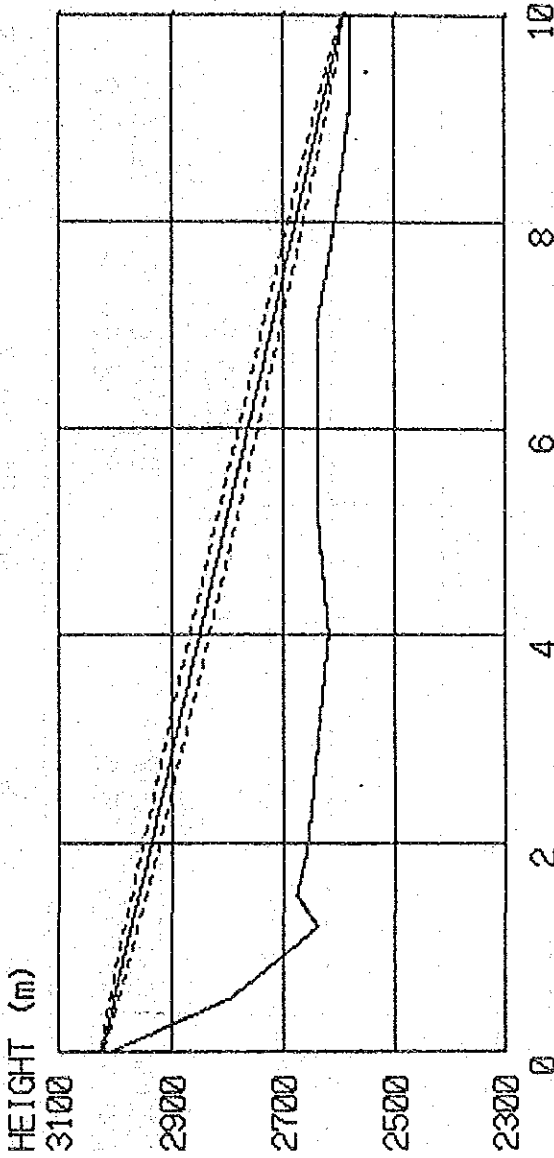
SITE NAME : DAYN	SITE NAME : GHADRAN
GROUND LEVEL : 3010.0 m	GROUND LEVEL : 2220.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 31.6 Km	RIDGE HEIGHT : 2220.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 14.6 m
CLEARANCE : 49.5 m	CLEARANCE FAC. : 3.4
FREE SPACE LOSS : 130.5 dB	RIDGE LOSS : 0.3 dB
TOTAL LOSS : 130.8 dB	

PROFILE No.	11
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



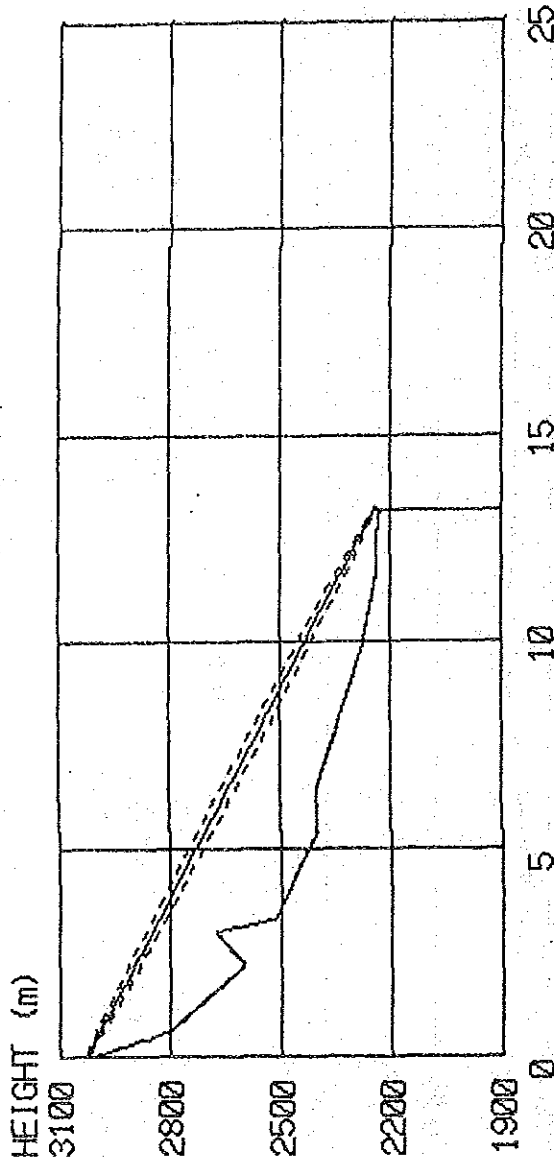
DISTANCE : 10 km
 SITE NAME : HAZ
 GROUND LEVEL : 2580.0 m
 ANT.HEIGHT 1 : 15.0 m
 ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 9.7 Km	RIDGE HEIGHT : 2580.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 6.0 m
CLEARANCE : 22.9 m	CLEARANCE FAC. : 3.8
FREE SPACE LOSS : 120.1 dB	RIDGE LOSS : -0.2 dB
TOTAL LOSS : 119.9 dB	

PROFILE No.	13
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 13.2 km
 SITE NAME : AL HAWIRI
 GROUND LEVEL : 2230.0 m
 ANT. HEIGHT 2 : 10.0 m

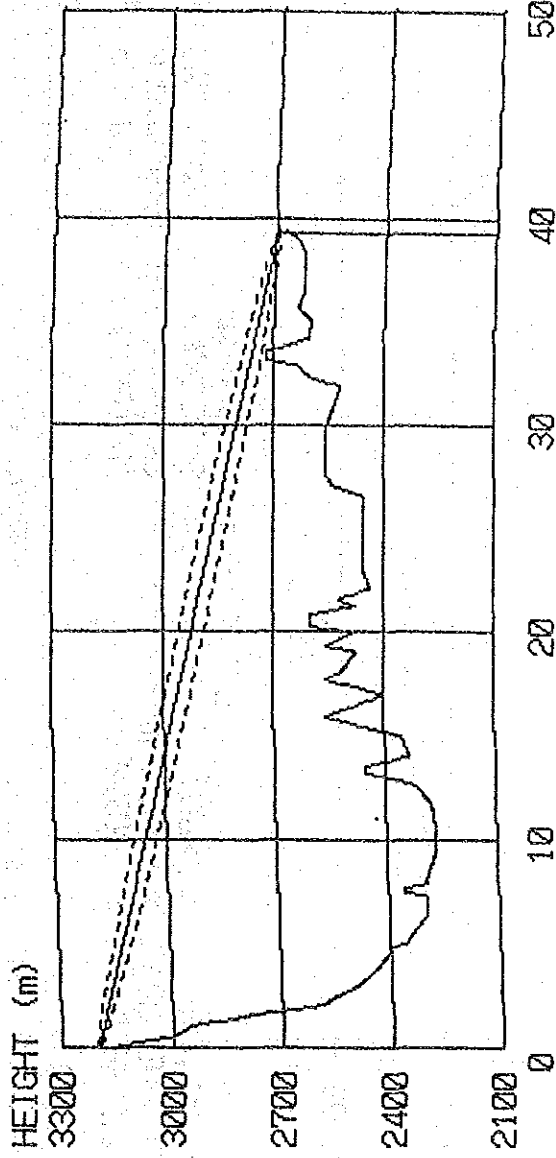
SITE NAME : DAYN
 GROUND LEVEL : 3010.0 m
 ANT. HEIGHT 1 : 15.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 12.5 Km	RIDGE HEIGHT	: 2240.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 9.1 m
CLEARANCE	: 41.1 m	CLEARANCE FAC.	: 4.5
FREE SPACE LOSS	: 122.5 dB	RIDGE LOSS	: -0.1 dB
TOTAL LOSS	: 122.3 dB		

PROFILE No.	14
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



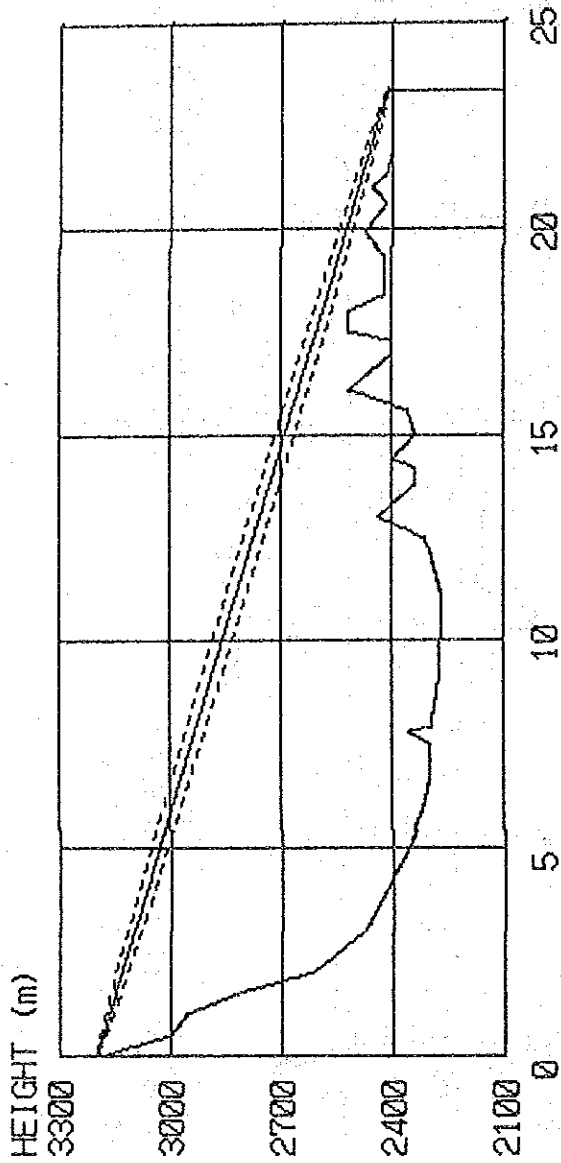
SITE NAME : AYBAN DISTANCE : 39.4 km SITE NAME : AL MARBAK
 GROUND LEVEL : 3186.0 m GROUND LEVEL : 2680.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	33.6 Km	RIDGE HEIGHT	:	2720.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	24.9 m
CLEARANCE	:	33.7 m	CLEARANCE FAC.	:	1.4
FREE SPACE LOSS	:	132.0 dB	RIDGE LOSS	:	1.0 dB
TOTAL LOSS	:	133.0 dB			

PROFILE No.	15
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 23.4 km

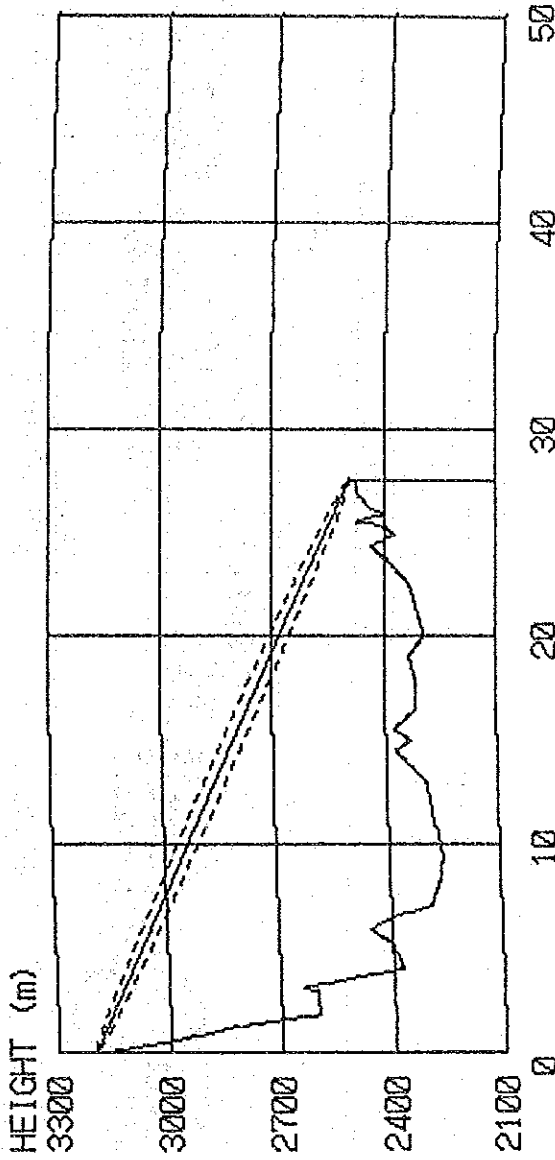
SITE NAME : AYBAN	SITE NAME : BAYT HADIR
GROUND LEVEL : 3186.0 m	GROUND LEVEL : 2400.0 m
ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 21.0 Km	RIDGE HEIGHT : 2460.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 16.4 m
CLEARANCE : 28.2 m	CLEARANCE FAC. : 1.7
FREE SPACE LOSS : 127.4 dB	RIDGE LOSS : -0.7 dB
TOTAL LOSS : 126.8 dB	

PROFILE No.	16
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 27.5 km

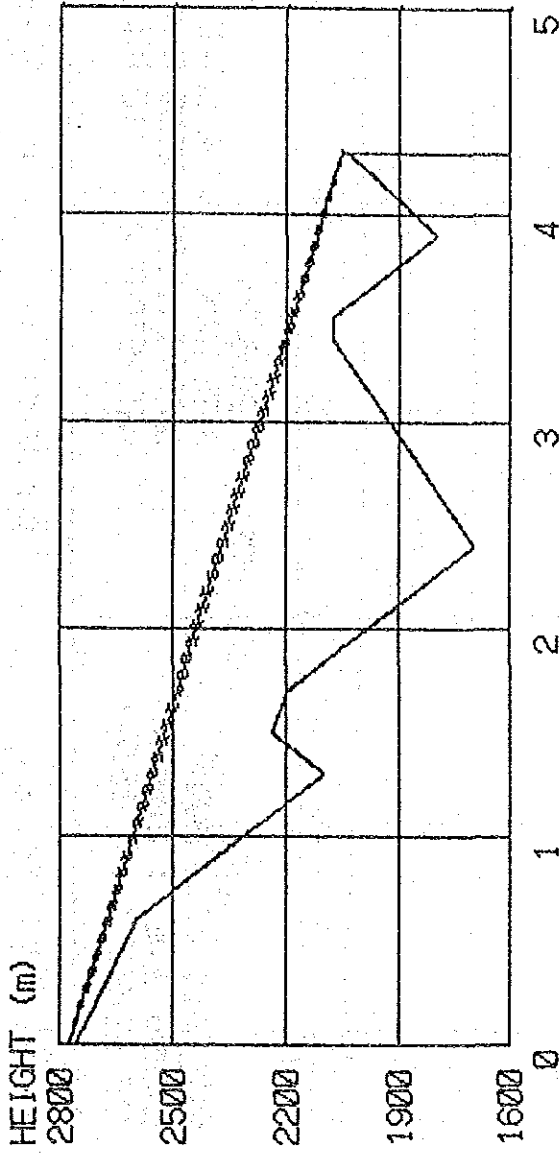
SITE NAME : AYBAN	SITE NAME : AR RAMINAH
GROUND LEVEL : 3186.0 m	GROUND LEVEL : 2480.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 27.0 Km	RIDGE HEIGHT : 2480.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 7.8 m
CLEARANCE : 22.1 m	CLEARANCE FAC. : 2.8
FREE SPACE LOSS : 128.8 dB	RIDGE LOSS : 0.4 dB
TOTAL LOSS : 129.2 dB	

PROFILE No.	17
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)

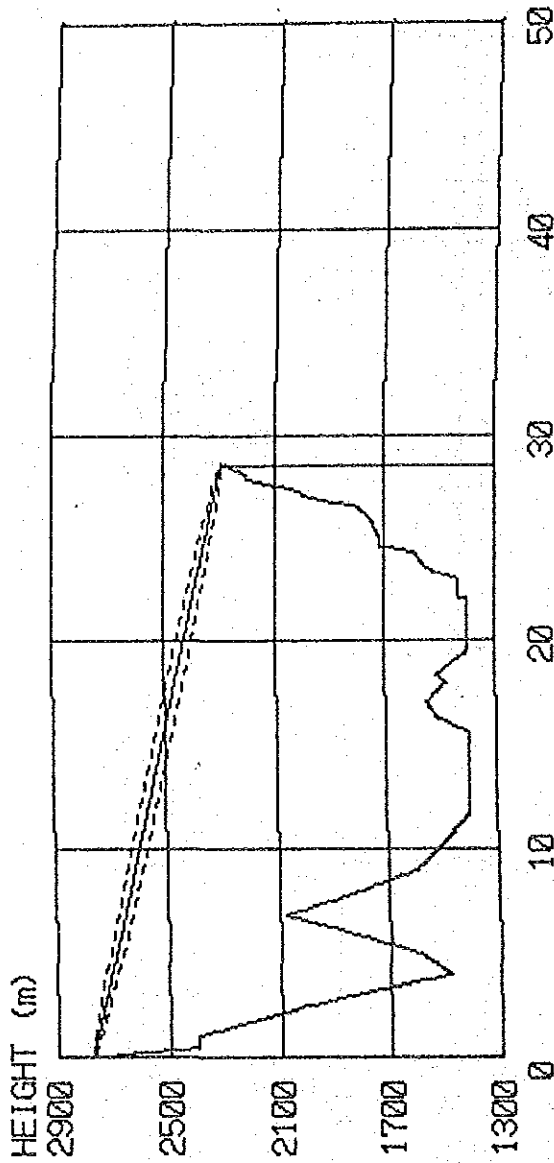


SITE NAME : MASAR GROUND LEVEL : 2760.0 m ANT.HEIGHT 1 : 15.0 m	DISTANCE : 4.3 km SITE NAME : ZALA GROUND LEVEL : 2040.0 m ANT.HEIGHT 2 : 10.0 m
ANT.HEIGHT 1 : 15.0 m CRITICAL POINT : 0.6 Km TREE HEIGHT : 0.0 m CLEARANCE : 73.7 m FREE SPACE LOSS : 112.7 dB TOTAL LOSS : 112.8 dB	ANT.HEIGHT 2 : 10.0 m RIDGE HEIGHT : 2600.0 m FRESNEL DEP. : 8.0 m CLEARANCE FAC. : 9.2 RIDGE LOSS : 0.0 dB

PROFILE No.	19
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 28.6 km

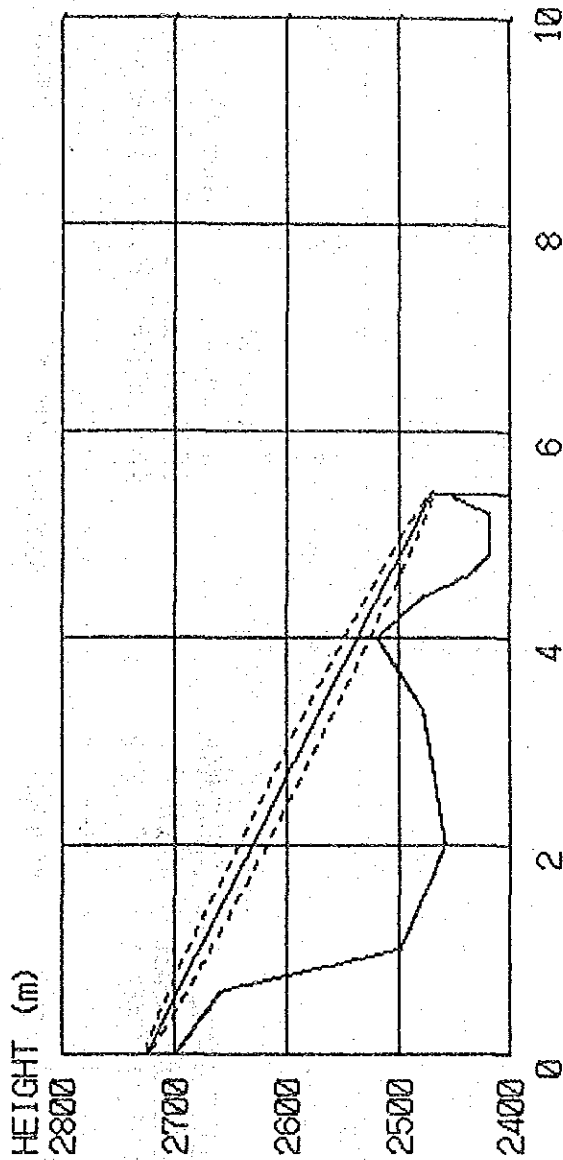
S I T E N A M E : MASAR	S I T E N A M E : AL KHAMIS
G R O U N D L E V E L : 2760.0 m	G R O U N D L E V E L : 2280.0 m
A N T . H E I G H T 1 : 15.0 m	A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1 : 15.0 m	A N T . H E I G H T 2 : 10.0 m
C R I T I C A L P O I N T : 27.8 Km	R I D G E H E I G H T : 2200.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P . : 9.9 m
C L E A R A N C E : 102.3 m	C L E A R A N C E F A C . : 10.4
F R E E S P A C E L O S S : 129.2 dB	R I D G E L O S S : 0.1 dB
T O T A L L O S S : 129.3 dB	

P R O F I L E N o .	20
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



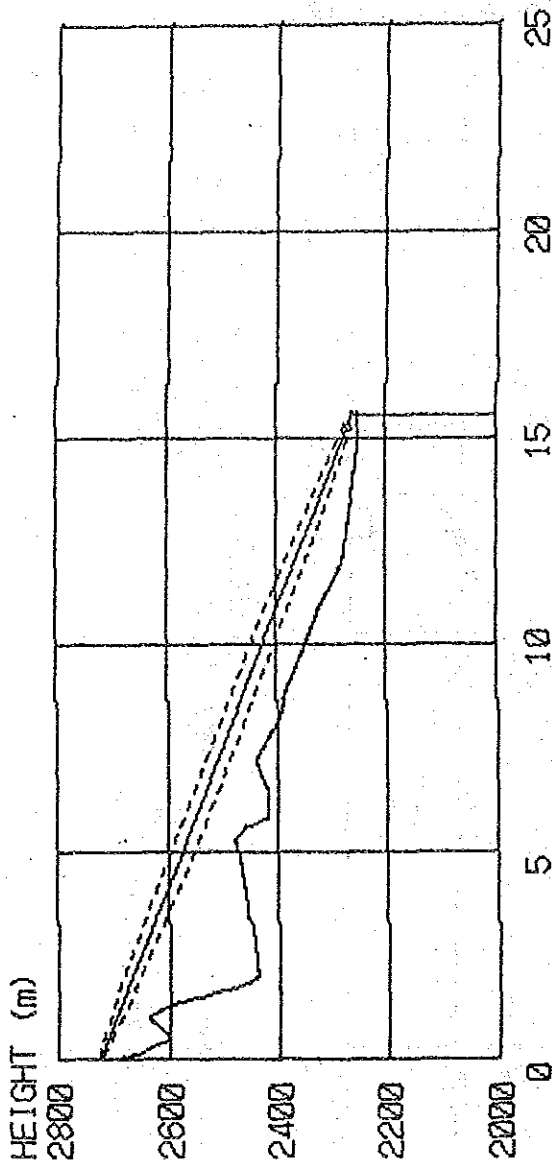
SITE NAME : J. HARMAH DISTANCE : 5.4 km SITE NAME : GHAYMAN
 GROUND LEVEL : 2700.0 m GROUND LEVEL : 2460.0 m
 ANT.HEIGHT 1 : 25.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 25.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 4.0 Km	RIDGE HEIGHT : 2520.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 11.4 m
CLEARANCE : 15.8 m	CLEARANCE FAC. : 1.4
FREE SPACE LOSS : 114.7 dB	RIDGE LOSS : 0.9 dB
TOTAL LOSS : 115.6 dB	

PROFILE No.	21
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



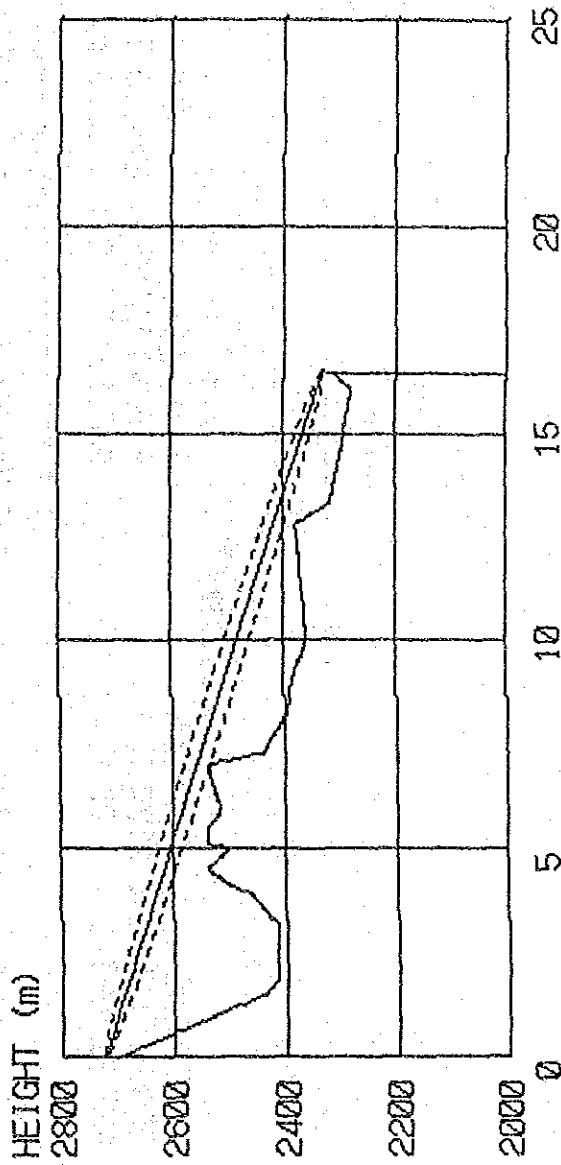
DISTANCE : 15.6 km
 SITE NAME : JIHANAH
 GROUND LEVEL : 2250.0 m
 ANT. HEIGHT 1 : 10.0 m

ANT. HEIGHT 1	: 25.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 7.2 Km	RIDGE HEIGHT	: 2440.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 22.0 m
CLEARANCE	: 66.8 m	CLEARANCE FAC.	: 3.0
FREE SPACE LOSS	: 123.9 dB	RIDGE LOSS	: -0.1 dB
TOTAL LOSS	: 123.9 dB		

PROFILE No.	22
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



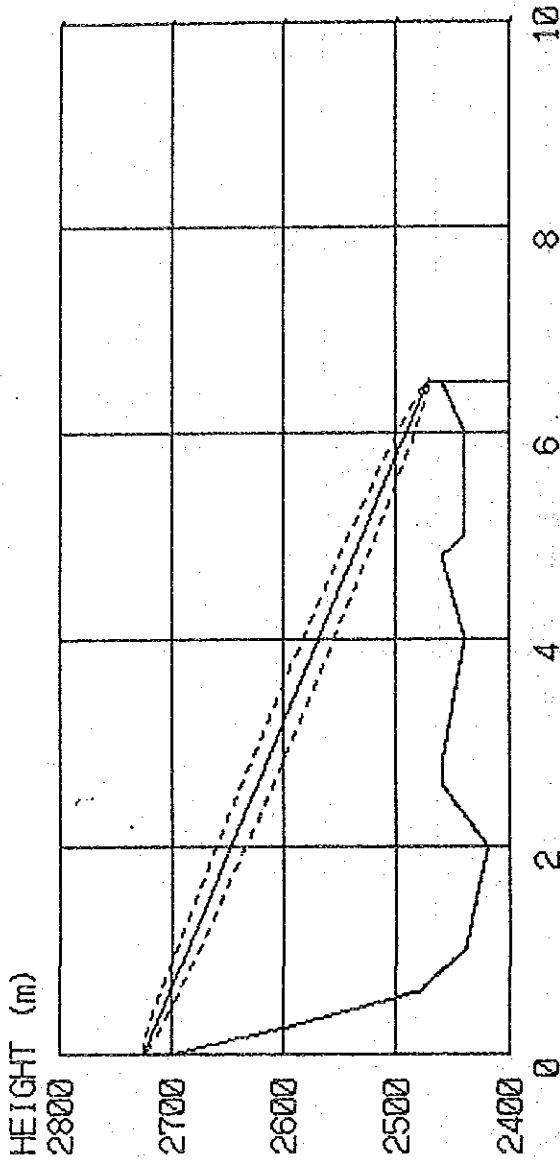
DISTANCE : 16.5 km
 SITE NAME : AL KIBS
 GROUND LEVEL : 2320.0 m
 ANT.HEIGHT 2 : 10.0 m
 SITE NAME : J.HARWAH
 GROUND LEVEL : 2700.0 m
 ANT.HEIGHT 1 : 25.0 m

ANT.HEIGHT 1 : 25.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 7.0 Km	RIDGE HEIGHT : 2540.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 22.4 m
CLEARANCE : 13.5 m	CLEARANCE FAC. : 0.6
FREE SPACE LOSS : 124.4 dB	RIDGE LOSS : -0.4 dB
TOTAL LOSS : 124.0 dB	

PROFILE No.	23
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 6.5 km

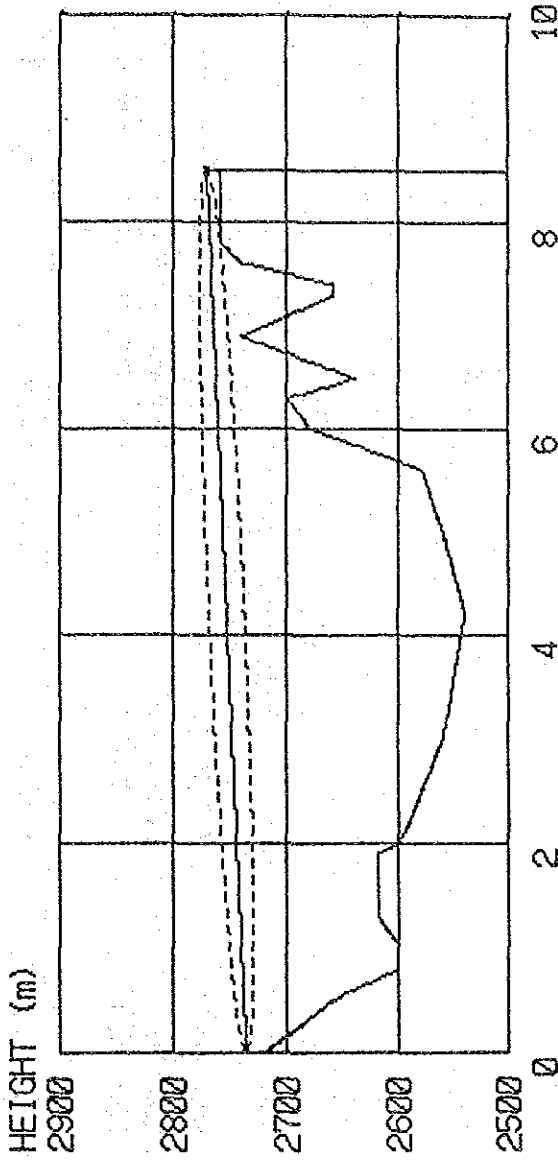
SITE NAME : J. HARWAH	SITE NAME : SAYYAN
GROUND LEVEL : 2700.0 m	GROUND LEVEL : 2460.0 m
ANT. HEIGHT 1 : 25.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 25.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 4.8 Km	RIDGE HEIGHT : 2460.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 12.5 m
CLEARANCE : 76.2 m	CLEARANCE FAC. : 6.1
FREE SPACE LOSS : 116.3 dB	RIDGE LOSS : -0.2 dB
TOTAL LOSS : 116.2 dB	

PROFILE No.	24
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



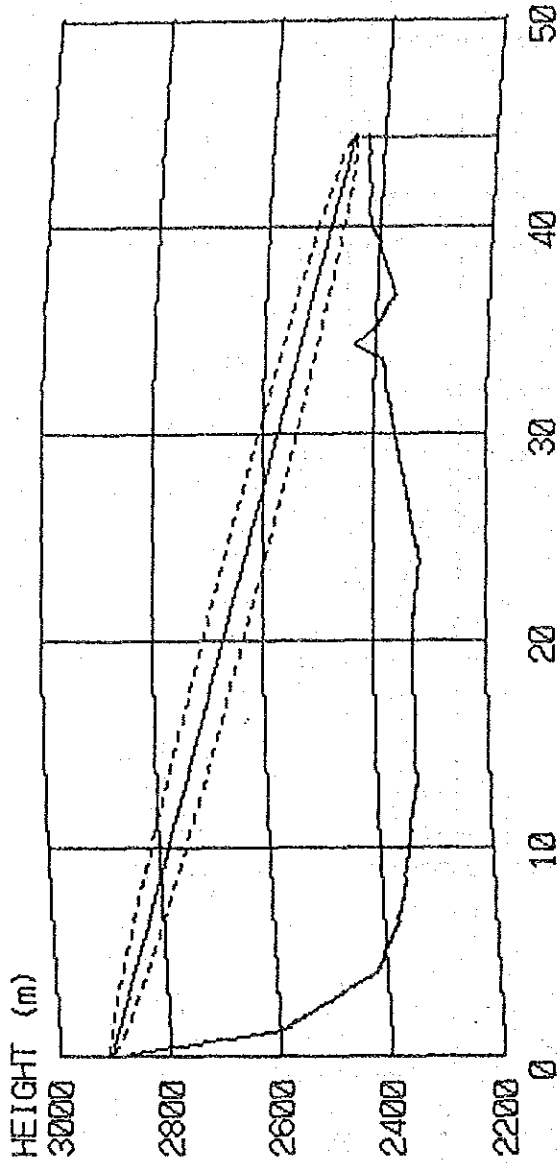
SITE NAME : J.KANAN DISTANCE : 8.5 km SITE NAME : SHABAN
 GROUND LEVEL : 2720.0 m GROUND LEVEL : 2760.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 7.8 Km	RIDGE HEIGHT	: 2760.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 9.0 m
CLEARANCE	: 6.8 m	CLEARANCE FAC.	: 0.8
FREE SPACE LOSS	: 118.7 dB	RIDGE LOSS	: -1.2 dB
TOTAL LOSS	: 117.5 dB		

PROFILE No.	25
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 44.4 km

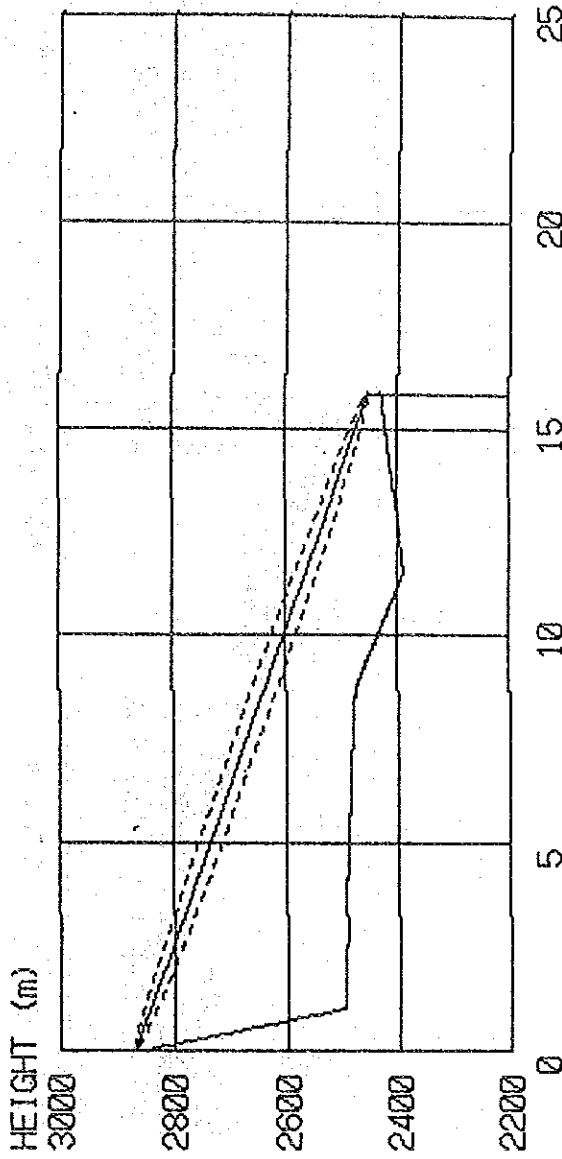
SITE NAME : J. YASLAH	SITE NAME : DHAMAR
GROUND LEVEL : 2894.0 m	GROUND LEVEL : 2430.0 m
ANT. HEIGHT 1 : 10.0 m	ANT. HEIGHT 2 : 20.0 m

ANT. HEIGHT 1 : 10.0 m	ANT. HEIGHT 2 : 20.0 m
CRITICAL POINT : 40.2 Km	RIDGE HEIGHT : 2420.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 21.8 m
CLEARANCE : 63.0 m	CLEARANCE FAC. : 2.9
FREE SPACE LOSS : 133.0 dB	RIDGE LOSS : -0.2 dB
TOTAL LOSS : 132.9 dB	

PROFILE No.	26
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 15.9 km

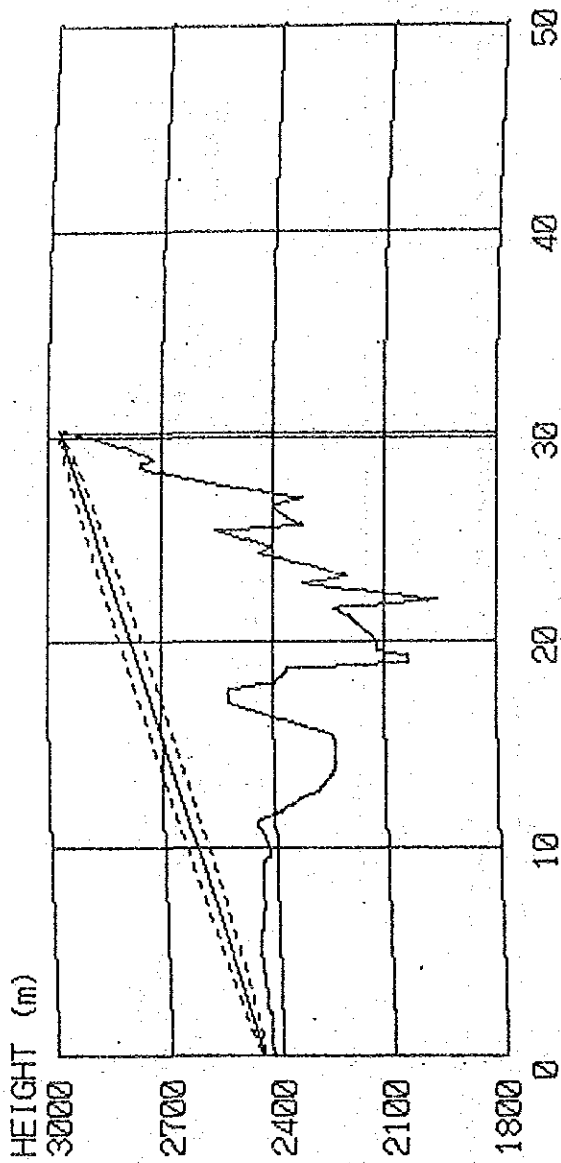
SITE NAME : J.AL LISI SITE NAME : DHAMAR
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2430.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 20.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 20.0 m
CRITICAL POINT	: 8.5 Km	RIDGE HEIGHT	: 2480.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEF.	: 22.2 m
CLEARANCE	: 160.4 m	CLEARANCE FAC.	: 7.2
FREE SPACE LOSS	: 124.1 dB	RIDGE LOSS	: 0.1 dB
TOTAL LOSS	: 124.2 dB		

PROFILE No.	27
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 30.3 km

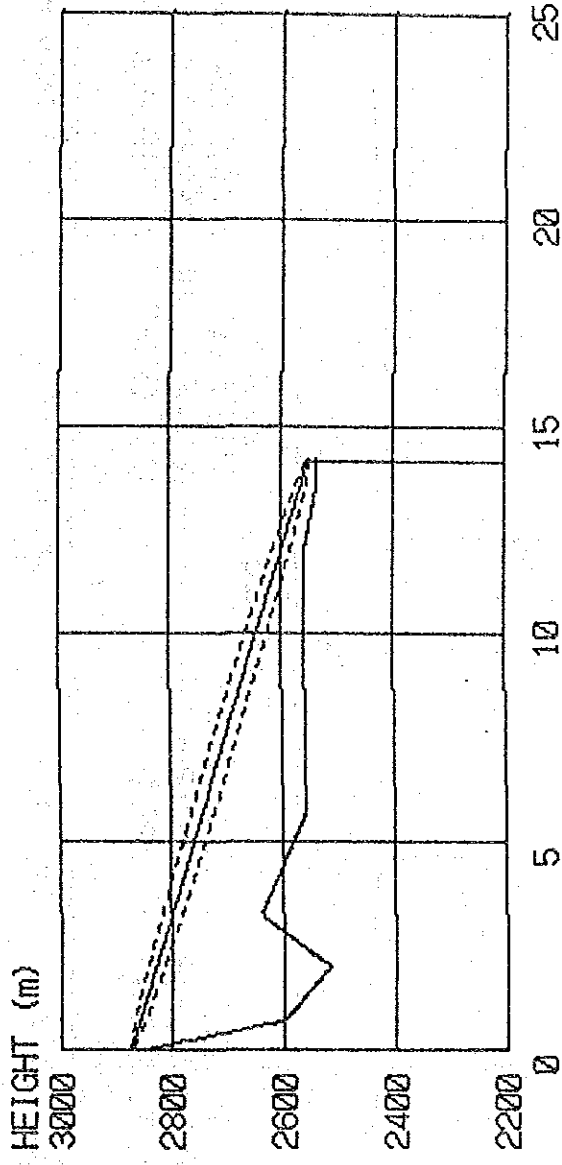
SITE NAME : DHAMAR	SITE NAME : J.MANARA
GROUND LEVEL : 2430.0 m	GROUND LEVEL : 2960.0 m
ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 4.0 m

ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 4.0 m
CRITICAL POINT : 4.0 Km	RIDGE HEIGHT : 2450.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 20.8 m
CLEARANCE : 61.7 m	CLEARANCE FAC. : 3.0
FREE SPACE LOSS : 129.7 dB	RIDGE LOSS : -0.5 dB
TOTAL LOSS : 129.2 dB	

PROFILE No.	28
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 14.2 km

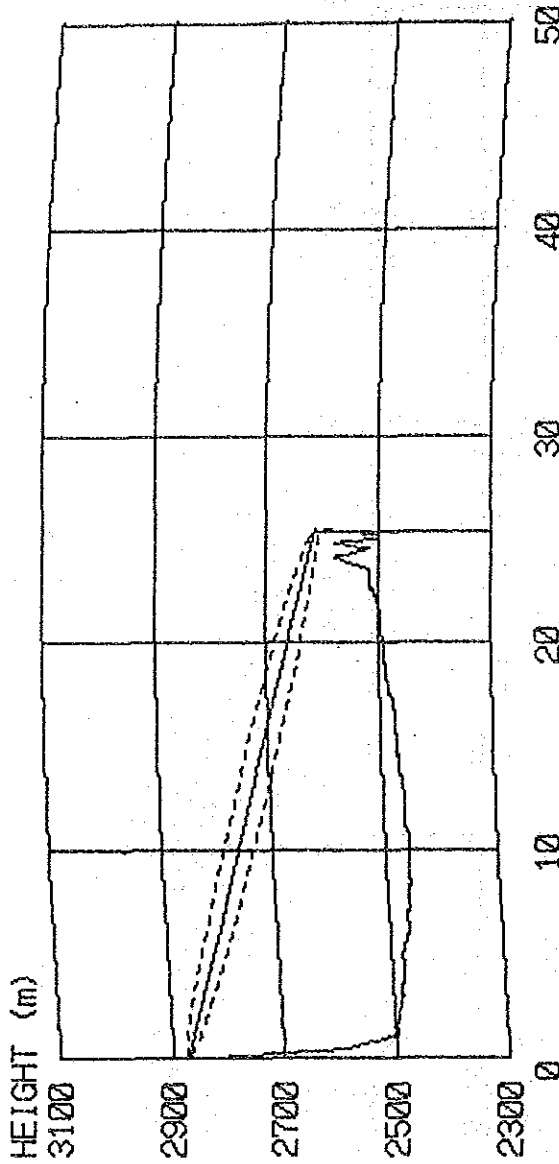
SITE NAME : J.AL LISI SITE NAME : AL HIJAH
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2540.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 12.0 Km	RIDGE HEIGHT : 2560.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 15.2 m
CLEARANCE : 38.3 m	CLEARANCE FAC. : 2.5
FREE SPACE LOSS : 123.1 dB	RIDGE LOSS : -0.1 dB
TOTAL LOSS : 123.0 dB	

PROFILE No.	29
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 25.4 km

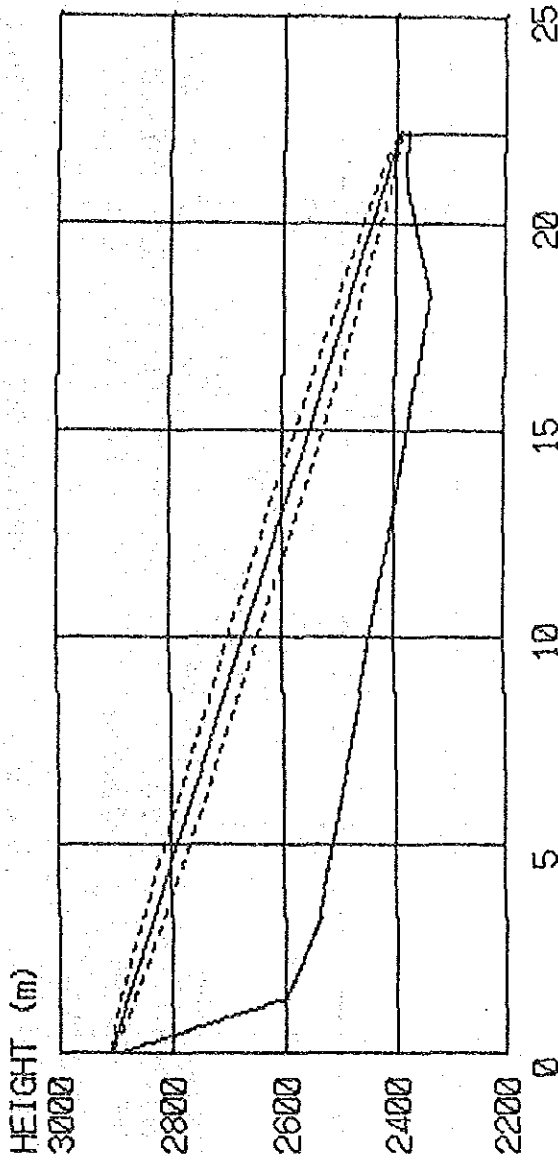
S I T E N A M E : J. A L L I S I S I T E N A M E : B A Y T A S H S H A M I
 G R O U N D L E V E L : 2852.0 m G R O U N D L E V E L : 2600.0 m
 A N T . H E I G H T 1 : 20.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1	:	20.0 m	A N T . H E I G H T 2	:	10.0 m
C R I T I C A L P O I N T	:	24.1 Km	R I D G E H E I G H T	:	2580.0 m
T R E E H E I G H T	:	0.0 m	F R E S N E L D E P .	:	12.4 m
C L E A R A N C E	:	41.6 m	C L E A R A N C E F A C .	:	3.3
F R E E S P A C E L O S S	:	128.2 dB	R I D G E L O S S	:	-0.1 dB
T O T A L L O S S	:	128.1 dB		:	

P R O F I L E N o .	30
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 22.2 km

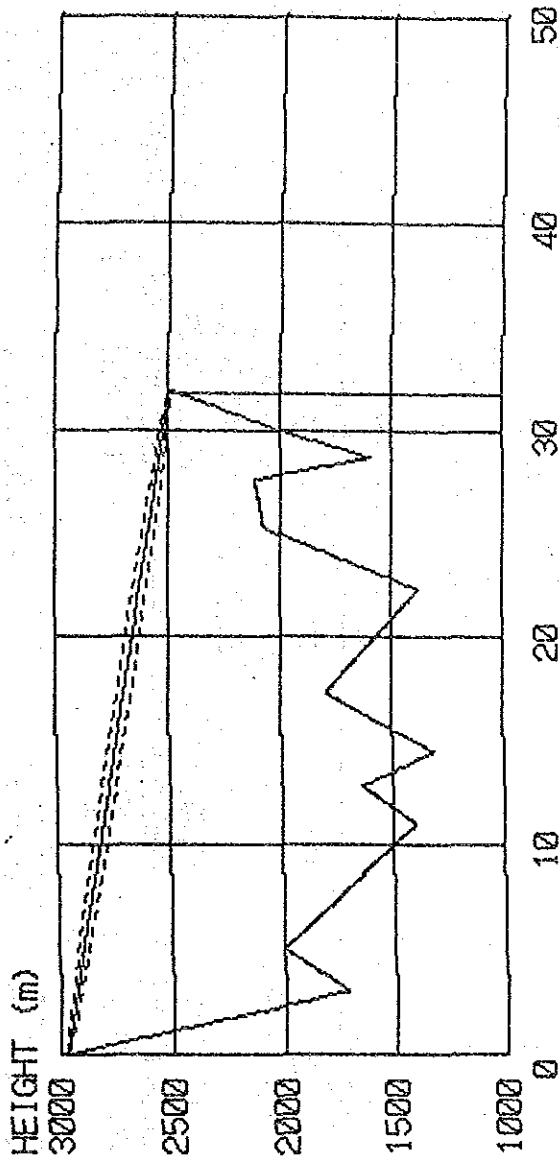
SITE NAME : J.YASLAK SITE NAME : J.AL MODBAH
 GROUND LEVEL : 2894.0 m GROUND LEVEL : 2380.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 20.8 Km	RIDGE HEIGHT	: 2380.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 12.8 m
CLEARANCE	: 41.0 m	CLEARANCE FAC.	: 3.2
FREE SPACE LOSS	: 127.0 dB	RIDGE LOSS	: -0.0 dB
TOTAL LOSS	: 127.0 dB		

PROFILE No.	31
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 31.9 km

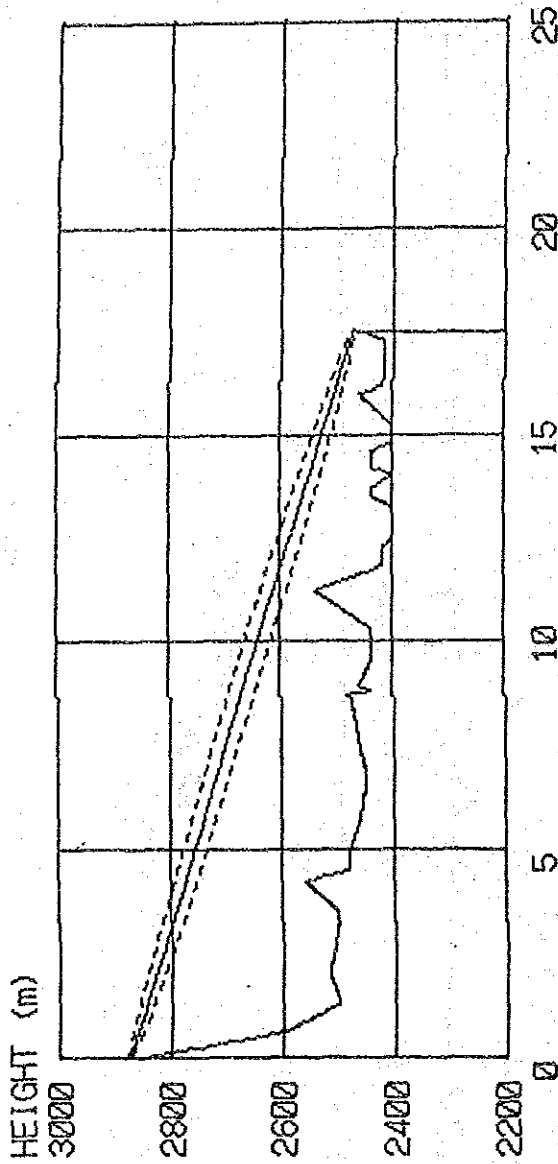
SITE NAME : J. MANARA	SITE NAME : AD DANN
GROUND LEVEL : 2960.0 m	GROUND LEVEL : 2480.0 m
ANT. HEIGHT 1 : 9.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 9.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 25.3 Km	RIDGE HEIGHT : 2080.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 25.6 m
CLEARANCE : 499.3 m	CLEARANCE FAC. : 19.5
FREE SPACE LOSS : 130.1 dB	RIDGE LOSS : -0.1 dB
TOTAL LOSS : 130.1 dB	

PROFILE No.	33
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 17.5 km

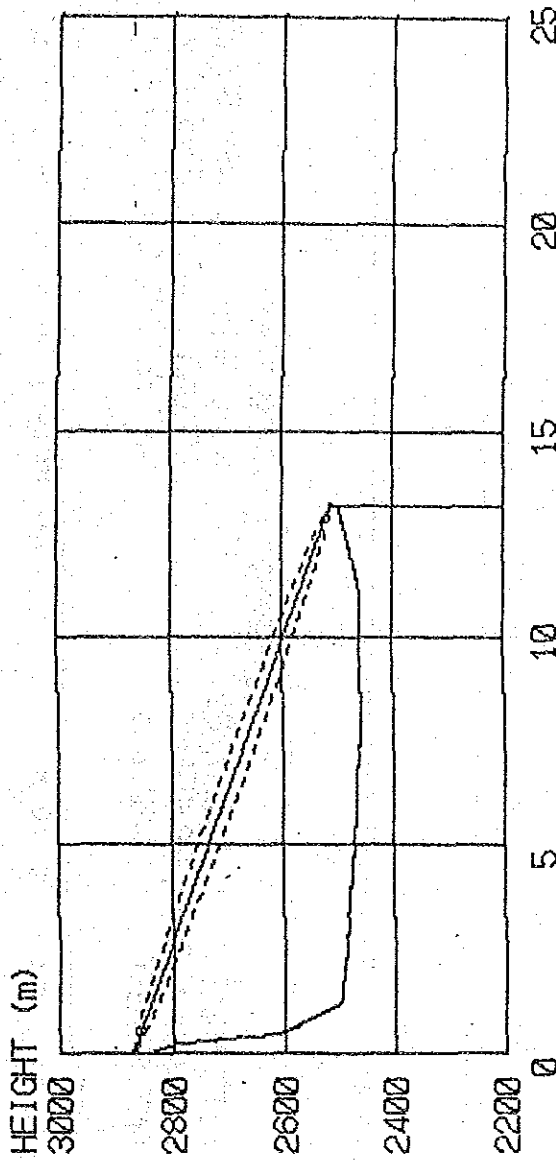
SITE NAME : J.AL LISI SITE NAME : AD DARAH
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2460.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 11.2 Km	RIDGE HEIGHT : 2540.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 22.4 m
CLEARANCE : 70.6 m	CLEARANCE FAC. : 3.1
FREE SPACE LOSS : 124.9 dB	RIDGE LOSS : 0.4 dB
TOTAL LOSS : 125.3 dB	

PROFILE No.	34
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 13.2 km

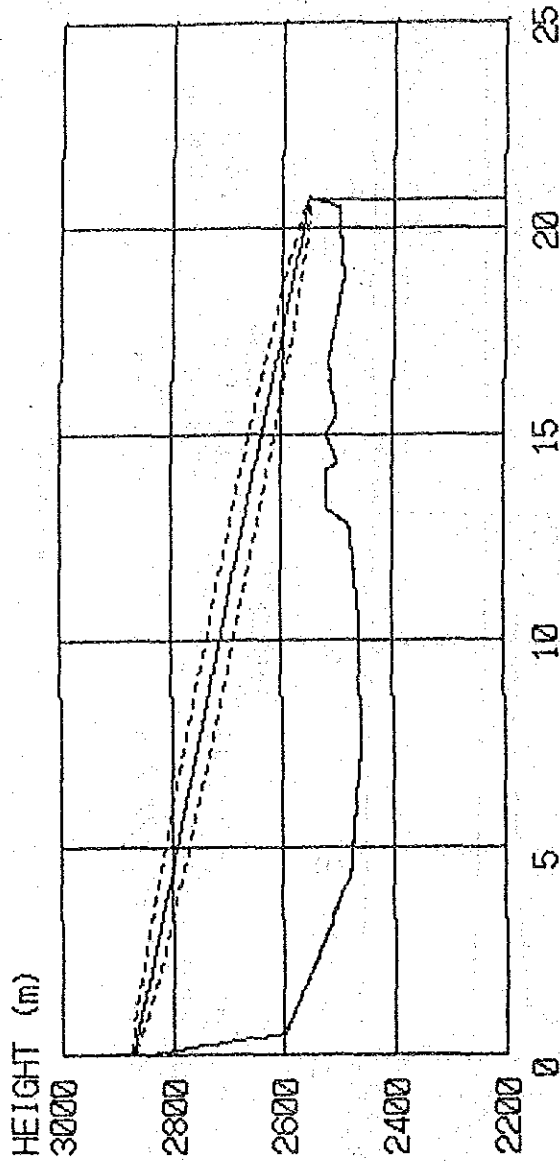
SITE NAME : J.AL LISI SITE NAME : ABASIR
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2500.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 20.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 12.2 Km	RIDGE HEIGHT	: 2480.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 10.7 m
CLEARANCE	: 56.7 m	CLEARANCE FAC.	: 5.3
FREE SPACE LOSS	: 122.5 dB	RIDGE LOSS	: 0.3 dB
TOTAL LOSS	: 122.7 dB		

PROFILE No.	35
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 20.7 km

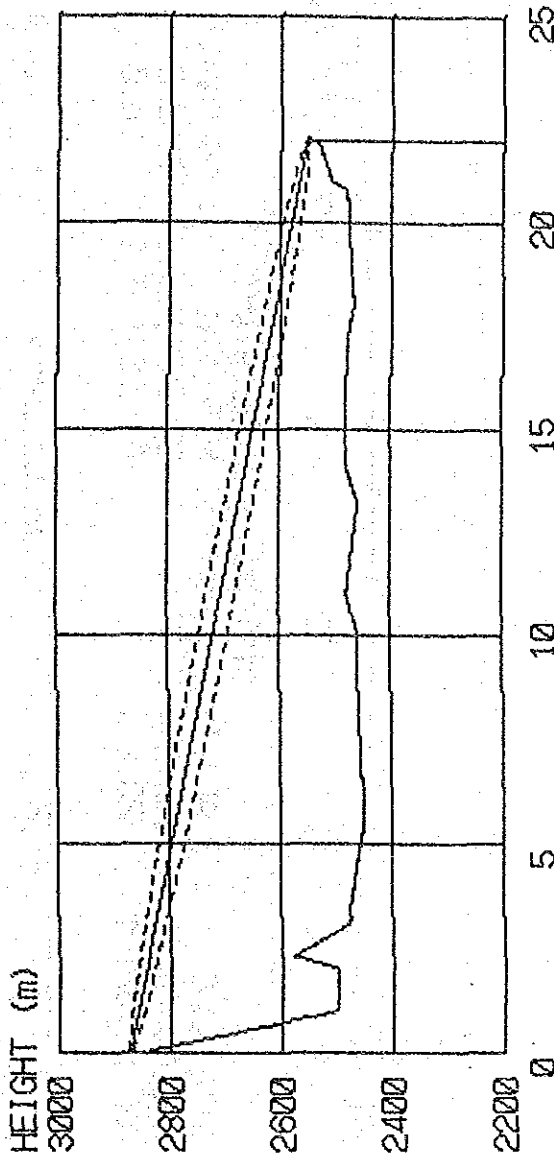
SITE NAME : J.AL LISI SITE NAME : ASH SHAQB
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2540.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 20.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 16.8 Km	RIDGE HEIGHT	: 2520.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 19.9 m
CLEARANCE	: 86.8 m	CLEARANCE FAC.	: 4.4
FREE SPACE LOSS	: 126.4 dB	RIDGE LOSS	: -0.2 dB
TOTAL LOSS	: 126.2 dB		

PROFILE No.	36
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 22 km

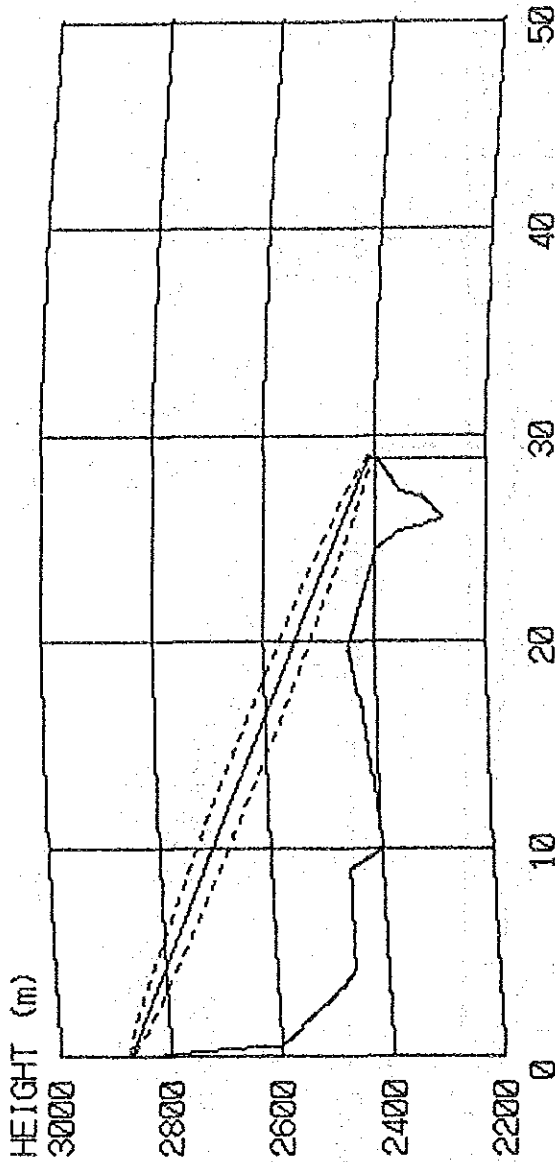
SITE NAME : J.AL LISI SITE NAME : AMID
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2540.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	20.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	21.5 Km	:	RIDGE HEIGHT	:	2520.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	7.8 m
CLEARANCE	:	36.7 m	:	CLEARANCE FAC.	:	4.7
FREE SPACE LOSS	:	126.9 dB	:	RIDGE LOSS	:	0.2 dB
TOTAL LOSS	:	127.1 dB	:		:	

PROFILE No.	37
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 28.9 km

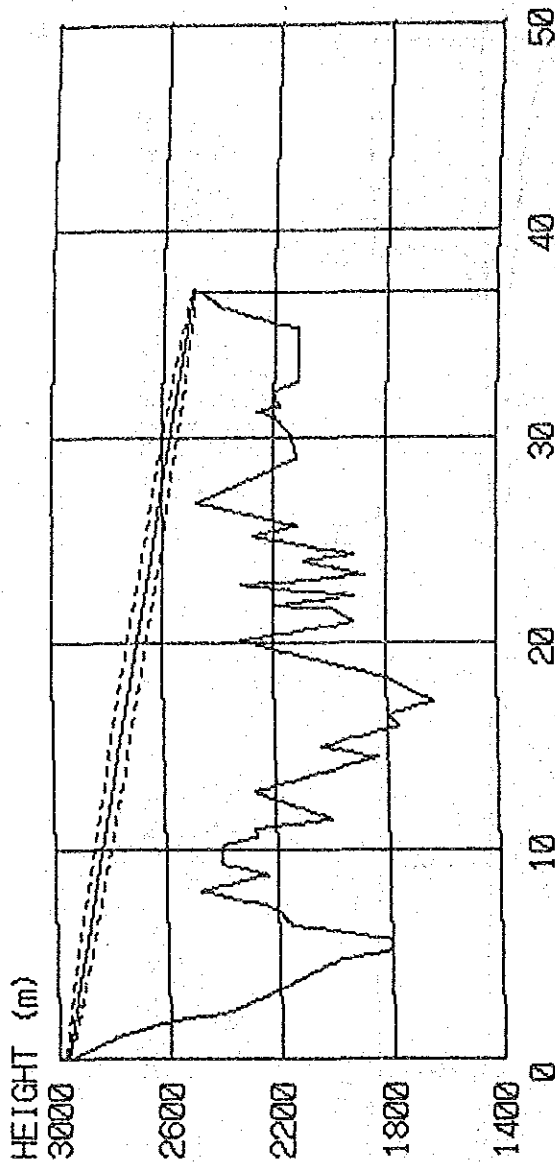
SITE NAME : J.AL LISI SITE NAME : AS SANAM
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2400.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	20.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	24.5 Km	:	RIDGE HEIGHT	:	2400.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	21.6 m
CLEARANCE	:	74.0 m	:	CLEARANCE FAC.	:	3.4
FREE SPACE LOSS	:	129.3 dB	:	RIDGE LOSS	:	0.4 dB
TOTAL LOSS	:	129.7 dB	:		:	

PROFILE No.	38
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 37.1 km

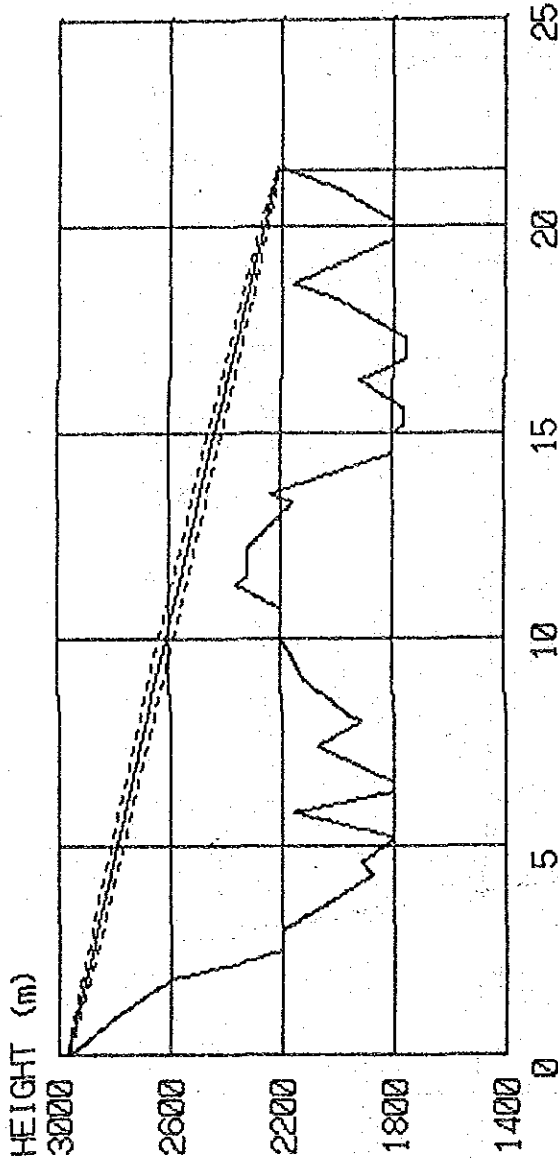
SITE NAME : J. MANARA	SITE NAME : AHLAL
GROUND LEVEL : 2960.0 m	GROUND LEVEL : 2480.0 m
ANT. HEIGHT 1 : 9.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 9.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 26.8 Km	RIDGE HEIGHT : 2480.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 30.5 m
CLEARANCE : 126.7 m	CLEARANCE FAC. : 4.2
FREE SPACE LOSS : 131.4 dB	RIDGE LOSS : 0.0 dB
TOTAL LOSS : 131.5 dB	

PROFILE No.	40
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



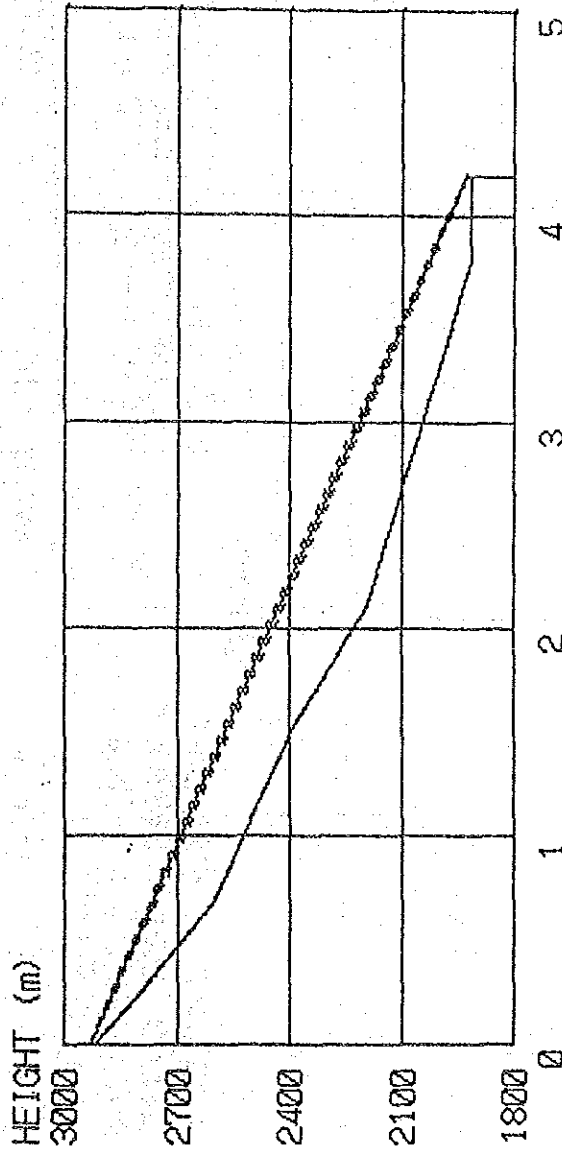
SITE NAME : J.MANARA DISTANCE : 21.4 km SITE NAME : HIJIRAT ADH DHARI
 GROUND LEVEL : 2960.0 m GROUND LEVEL : 2200.0 m
 ANT.HEIGHT 1 : 9.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 9.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 11.3 Km	RIDGE HEIGHT : 2360.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 25.8 m
CLEARANCE : 201.5 m	CLEARANCE FAC. : 7.8
FREE SPACE LOSS : 126.7 dB	RIDGE LOSS : -0.2 dB
TOTAL LOSS : 126.5 dB	

PROFILE No.	42
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 4.2 km

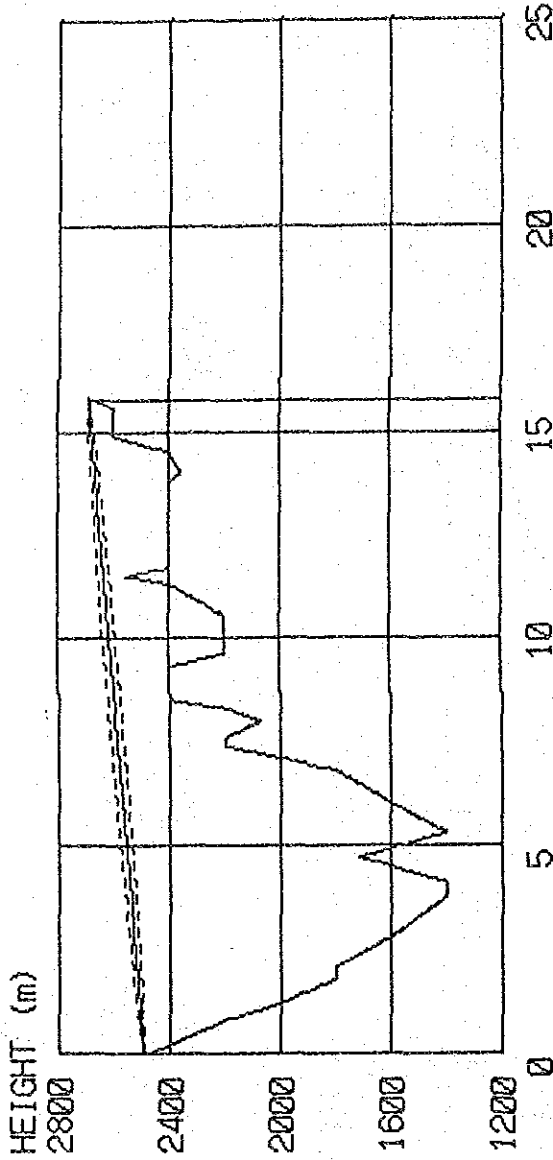
SITE NAME : J. MANARA SITE NAME : BANI MUWALLAD
 GROUND LEVEL : 2920.0 m GROUND LEVEL : 1920.0 m
 ANT.HEIGHT 1 : 9.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 9.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 0.3 Km	RIDGE HEIGHT : 2800.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 5.4 m
CLEARANCE : 69.5 m	CLEARANCE FAC. : 12.8
FREE SPACE LOSS : 112.5 dB	RIDGE LOSS : 0.0 dB
TOTAL LOSS : 112.5 dB	

PROFILE No.	43
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



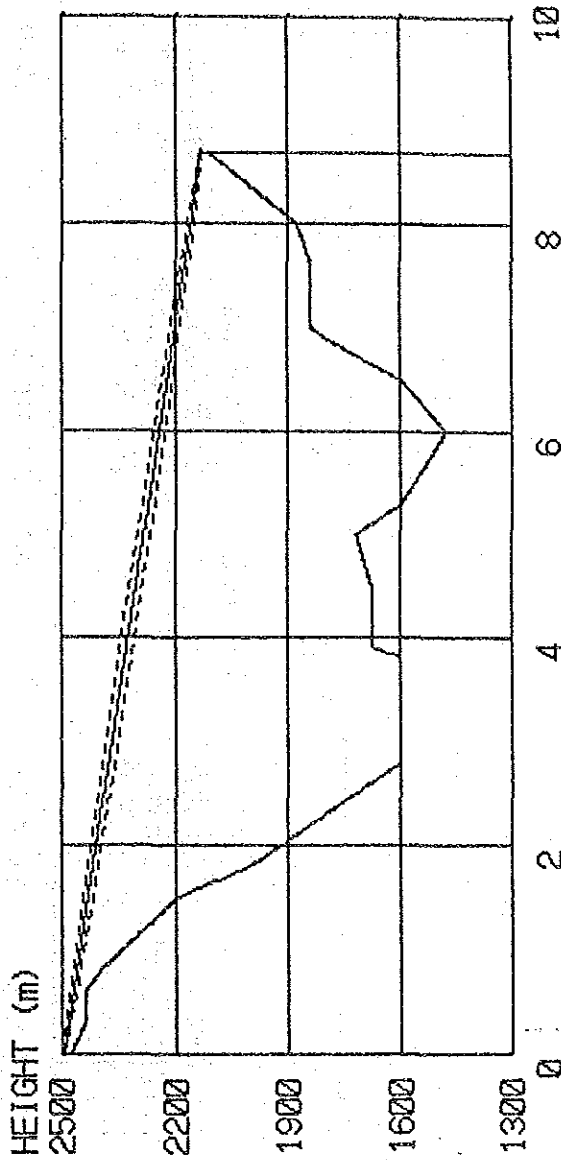
SITE NAME : AD DANN DISTANCE : 15.8 km SITE NAME : BANI AS SAMHI
 GROUND LEVEL : 2480.0 m GROUND LEVEL : 2680.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 11.5 Km	RIDGE HEIGHT : 2560.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 19.8 m
CLEARANCE : 74.0 m	CLEARANCE FAC. : 3.7
FREE SPACE LOSS : 124.0 dB	RIDGE LOSS : 0.3 dB
TOTAL LOSS : 124.3 dB	

PROFILE No.	44
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 8.7 km

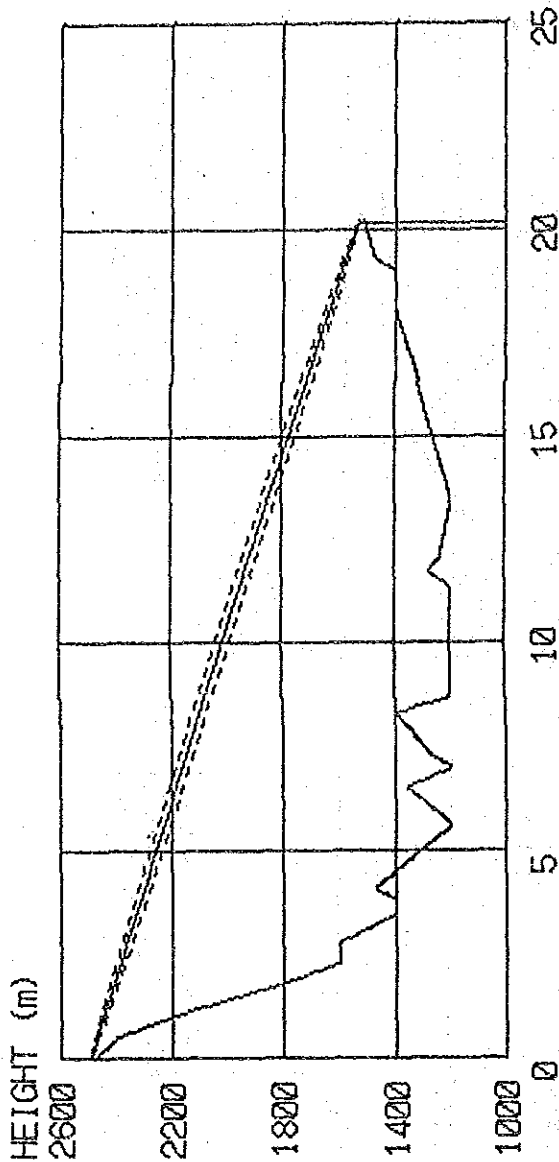
S I T E N A M E : A D D A N N	S I T E N A M E : B A N I M U S L I M
G R O U N D L E V E L : 2480.0 m	G R O U N D L E V E L : 2120.0 m
A N T . H E I G H T 1 : 15.0 m	A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1 : 15.0 m	A N T . H E I G H T 2 : 10.0 m
C R I T I C A L P O I N T : 0.6 Km	R I D G E H E I G H T : 2440.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P . : 8.4 m
C L E A R A N C E : 29.5 m	C L E A R A N C E F A C . : 3.5
F R E E S P A C E L O S S : 118.9 dB	R I D G E L O S S : -0.3 dB
T O T A L L O S S : 118.6 dB	

P R O F I L E N o .	45
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 20.2 km
 SITE NAME : BANI ALI
 GROUND LEVEL : 1520.0 m
 ANT. HEIGHT 2 : 10.0 m

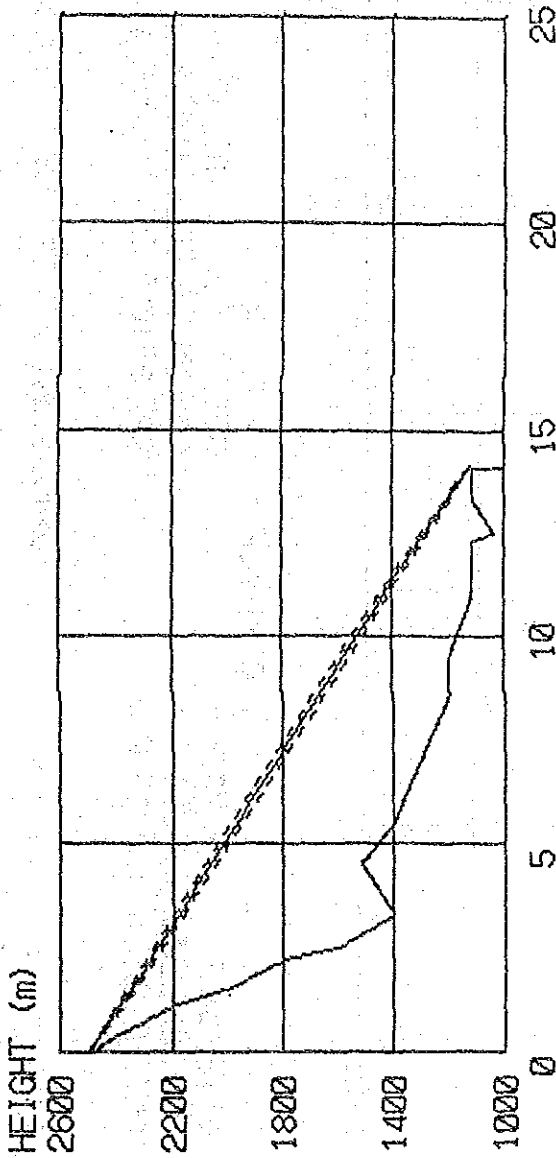
SITE NAME : AD DANN
 GROUND LEVEL : 2480.0 m
 ANT. HEIGHT 1 : 15.0 m

ANT. HEIGHT 1	:	15.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	19.3 Km	:	RIDGE HEIGHT	:	1480.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	10.4 m
CLEARANCE	:	92.0 m	:	CLEARANCE FAC.	:	8.9
FREE SPACE LOSS	:	126.2 dB	:	RIDGE LOSS	:	-0.2 dB
TOTAL LOSS	:	126.0 dB	:		:	

PROFILE No.	46
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 14.1 km

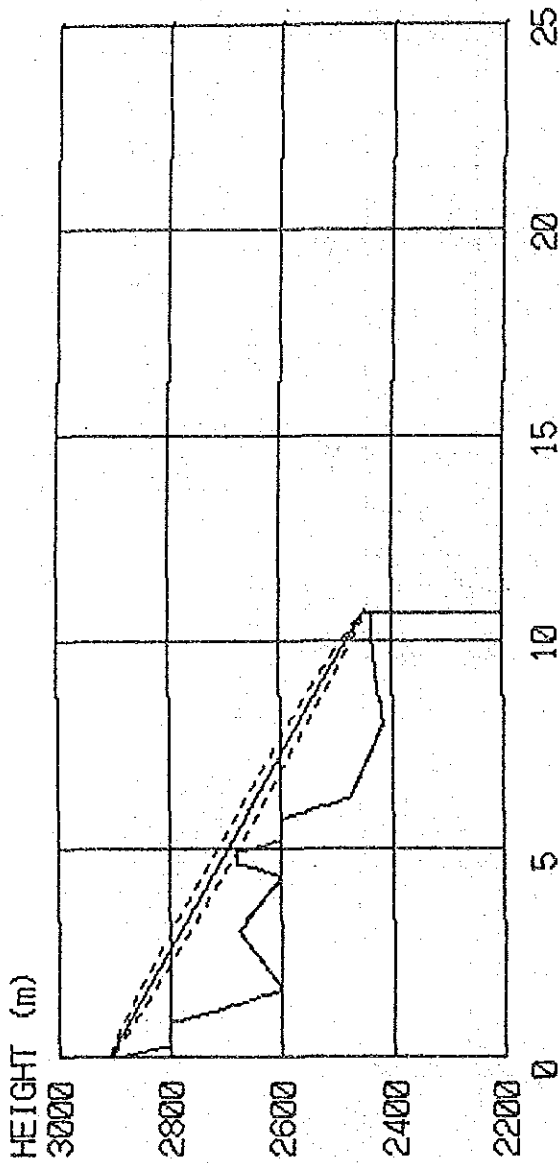
SITE NAME : AD DANN SITE NAME : ATH THULUTH
 GROUND LEVEL : 2480.0 m GROUND LEVEL : 1120.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 13.6 Km	RIDGE HEIGHT	: 1120.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 7.8 m
CLEARANCE	: 58.0 m	CLEARANCE FAC.	: 7.5
FREE SPACE LOSS	: 123.0 dB	RIDGE LOSS	: 0.2 dB
TOTAL LOSS	: 123.2 dB		

PROFILE No.	47.
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 10.7 km

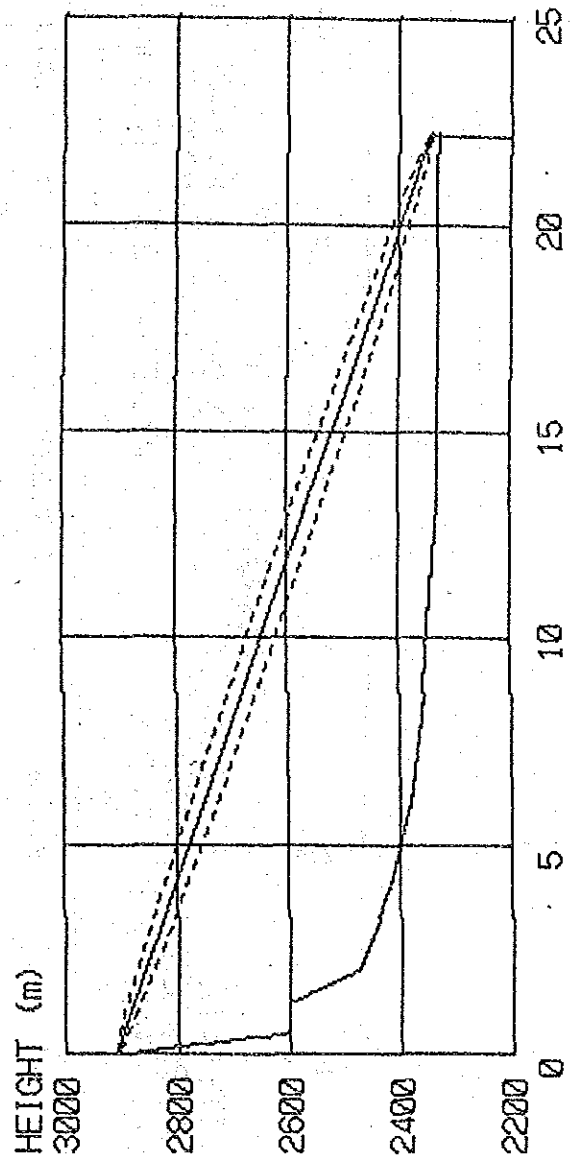
SITE NAME : J. YASLAH SITE NAME : AITHAYN
 GROUND LEVEL : 2894.0 m GROUND LEVEL : 2440.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	4.9 Km	RIDGE HEIGHT	:	2680.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	18.2 m
CLEARANCE	:	17.1 m	CLEARANCE FAC.	:	0.9
FREE SPACE LOSS	:	120.6 dB	RIDGE LOSS	:	-1.3 dB
TOTAL LOSS	:	119.4 dB			

PROFILE No.	48
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



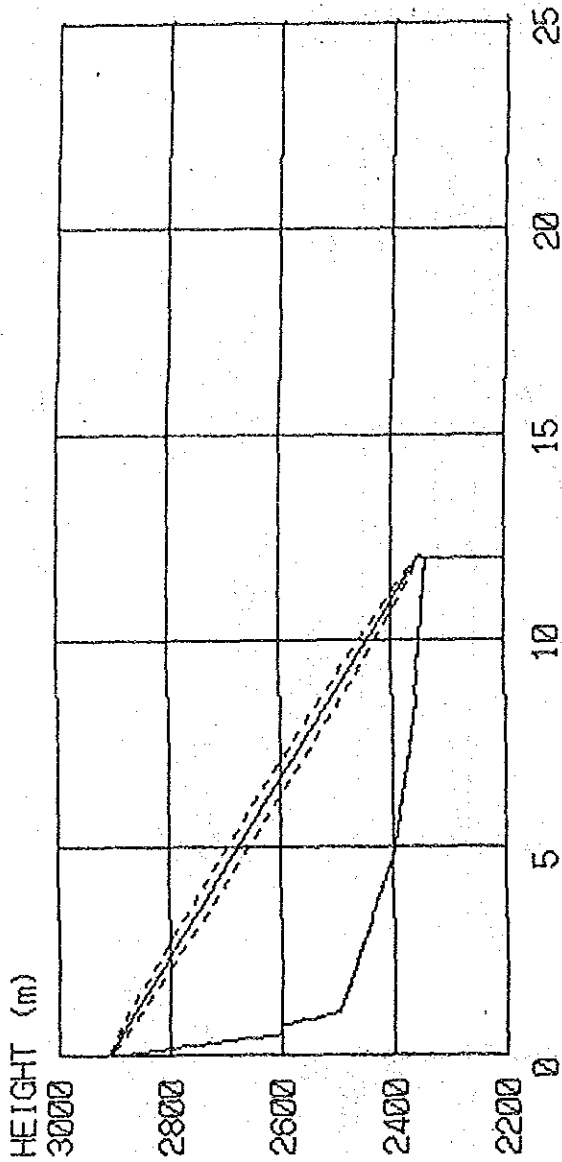
SITE NAME : J. YASLAH DISTANCE : 22.2 km
 GROUND LEVEL : 2894.0 m SITE NAME : ASAM
 ANT. HEIGHT 1 : 15.0 m GROUND LEVEL : 2330.0 m
 ANT. HEIGHT 2 : 10.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 20.1 km	RIDGE HEIGHT : 2330.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 15.4 m
CLEARANCE : 61.3 m	CLEARANCE FAC. : 4.0
FREE SPACE LOSS : 127.0 dB	RIDGE LOSS : 0.3 dB
TOTAL LOSS : 127.3 dB	

PROFILE No.	49
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 12 km

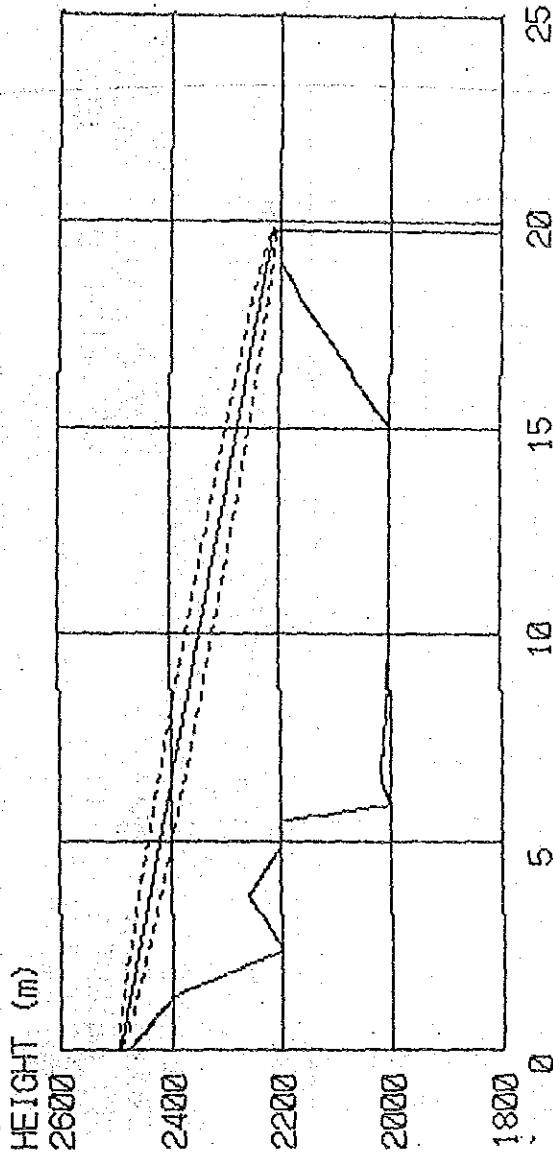
SITE NAME : J. YASLAKH SITE NAME : AL MADARAH
 GROUND LEVEL : 2894.0 m GROUND LEVEL : 2340.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	8.6 Km	:	RIDGE HEIGHT	:	2360.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	17.5 m
CLEARANCE	:	146.7 m	:	CLEARANCE FAC.	:	8.4
FREE SPACE LOSS	:	121.6 dB	:	RIDGE LOSS	:	-0.1 dB
TOTAL LOSS	:	121.5 dB	:		:	

PROFILE No.	50
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



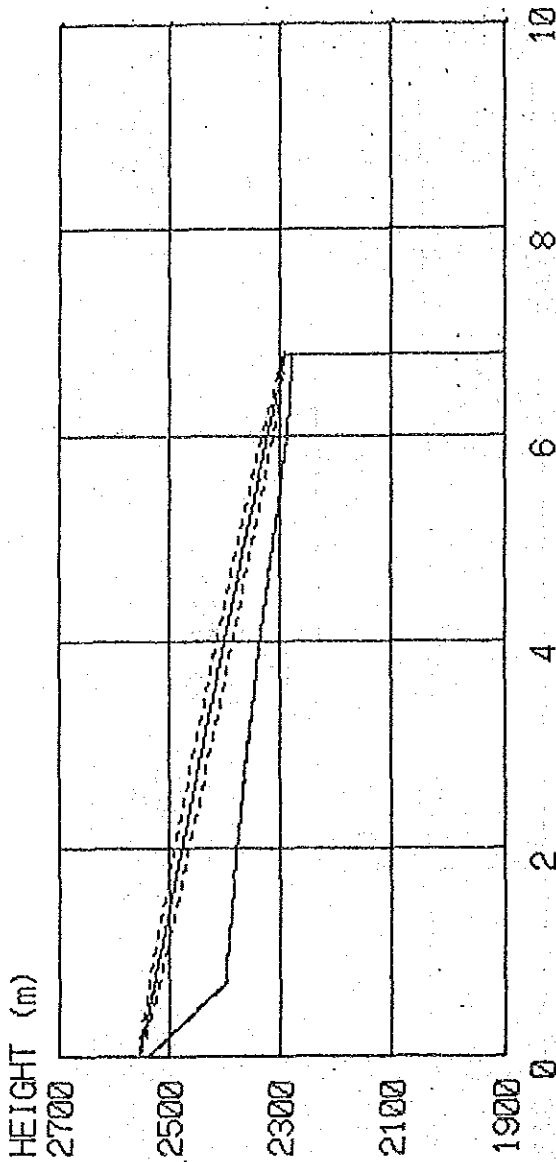
SITE NAME : ABU ATIF DISTANCE : 19.8 km SITE NAME : BAYHAN
 GROUND LEVEL : 2480.0 m GROUND LEVEL : 2200.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 19.0 Km	RIDGE HEIGHT	: 2200.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 9.8 m
CLEARANCE	: 20.6 m	CLEARANCE FAC.	: 2.1
FREE SPACE LOSS	: 126.0 dB	RIDGE LOSS	: -0.3 dB
TOTAL LOSS	: 125.7 dB		

PROFILE No.	51
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 6.8 km

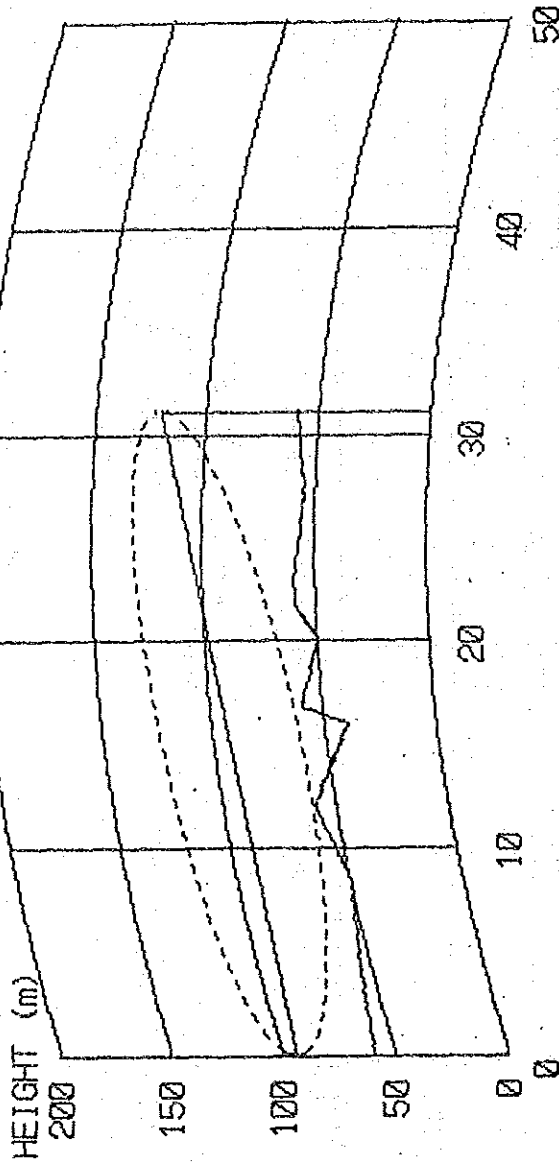
S I T E N A M E : A L H I J A H S I T E N A M E : A L M U G H A D I Y A H
 G R O U N D L E V E L : 2540.0 m G R O U N D L E V E L : 2280.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1	:	15.0 m	:	A N T . H E I G H T 2	:	10.0 m
C R I T I C A L P O I N T	:	6.0 km	:	R I D G E H E I G H T	:	2290.0 m
T R E E H E I G H T	:	0.0 m	:	F R E S N E L D E P .	:	9.4 m
C L E A R A N C E	:	30.9 m	:	C L E A R A N C E F A C .	:	3.3
F R E E S P A C E L O S S	:	116.7 dB	:	R I D G E L O S S	:	-0.4 dB
T O T A L L O S S	:	116.3 dB	:		:	

P R O F I L E N o .	52
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



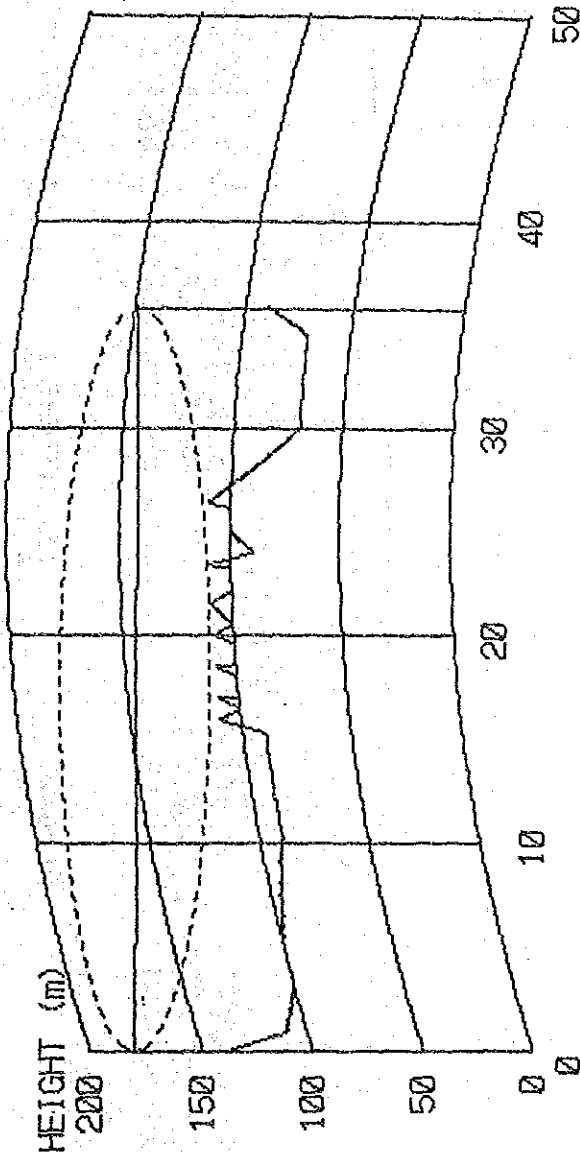
DISTANCE : 31.2 km
 SITE NAME : DAYR AKHRASH SITE NAME : AZ ZAYDIYAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 60.0 m
 ANT.HEIGHT 1 : 34.0 m ANT.HEIGHT 2 : 60.0 m

ANT. HEIGHT 1	:	34.0 m	ANT. HEIGHT 2	:	60.0 m
CRITICAL POINT	:	12.0 Km	RIDGE HEIGHT	:	60.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	30.4 m
CLEARANCE	:	30.4 m	CLEARANCE FAC.	:	1.0
FREE SPACE LOSS	:	129.9 dB	RIDGE LOSS	:	-1.0 dB
TOTAL LOSS	:	128.9 dB			

PROFILE No.	54
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 35.9 km

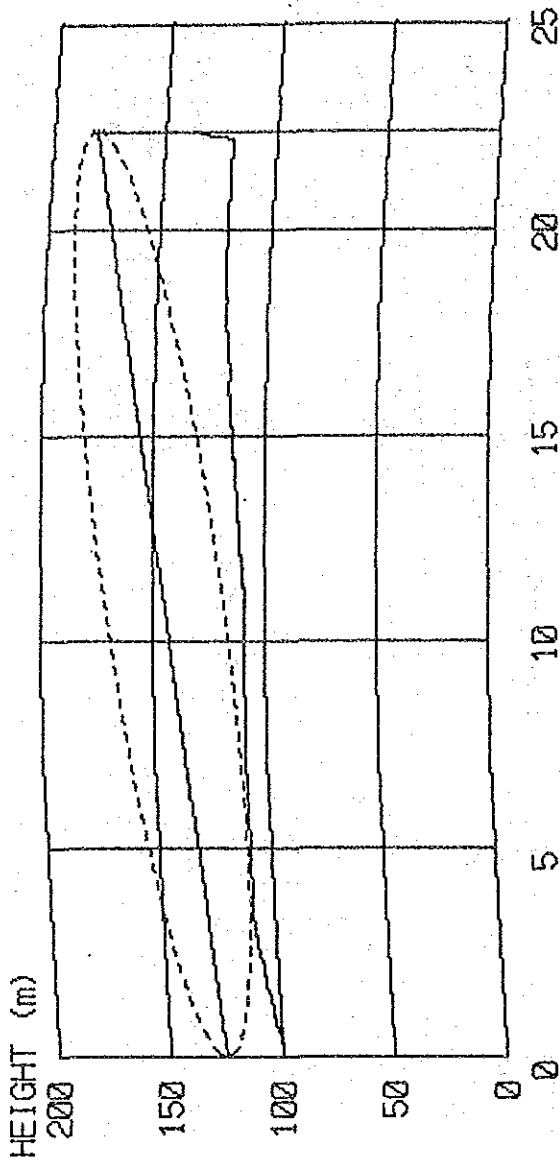
SITE NAME : DAY KHALIL SITE NAME : AL ABBASI
 GROUND LEVEL : 140.0 m GROUND LEVEL : 90.0 m
 ANT.HEIGHT 1 : 40.0 m ANT.HEIGHT 2 : 58.0 m

ANT.HEIGHT 1	:	40.0 m	:	ANT.HEIGHT 2	:	58.0 m
CRITICAL POINT	:	21.5 Km	:	RIDGE HEIGHT	:	110.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	32.8 m
CLEARANCE	:	32.6 m	:	CLEARANCE FAC.	:	1.0
FREE SPACE LOSS	:	131.2 dB	:	RIDGE LOSS	:	-1.1 dB
TOTAL LOSS	:	130.1 dB	:		:	

PROFILE No.	55
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



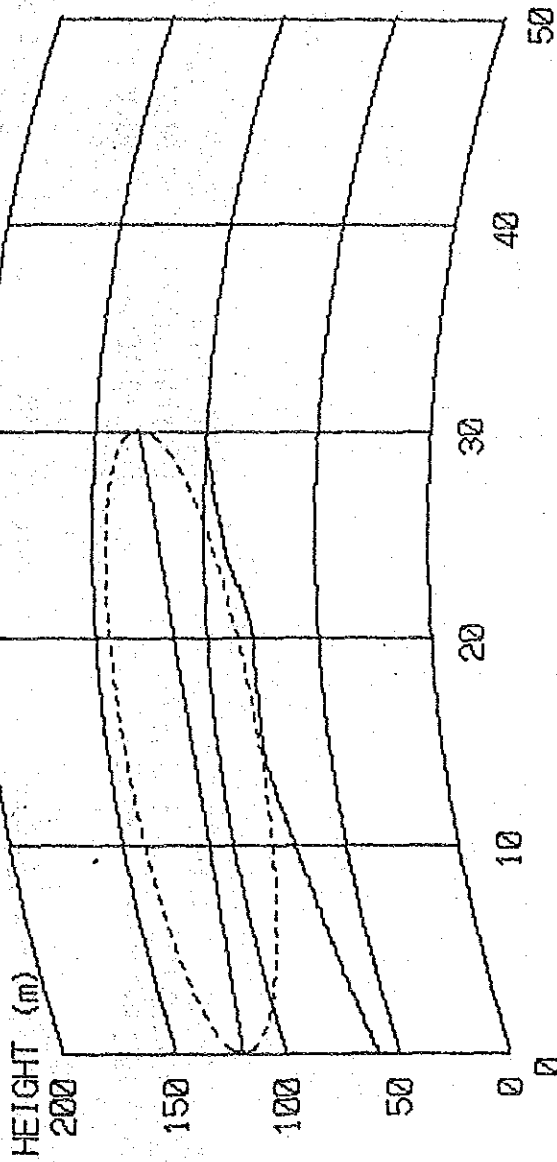
SITE NAME : AL KAIB DISTANCE : 22.4 km SITE NAME : DAYR KHALIL
 GROUND LEVEL : 100.0 m GROUND LEVEL : 140.0 m
 ANT.HEIGHT 1 : 25.0 m ANT.HEIGHT 2 : 40.0 m

ANT.HEIGHT 1	:	25.0 m	ANT.HEIGHT 2	:	40.0 m
CRITICAL POINT	:	3.1 Km	RIDGE HEIGHT	:	110.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	18.3 m
CLEARANCE	:	19.1 m	CLEARANCE FAC.	:	1.0
FREE SPACE LOSS	:	127.1 dB	RIDGE LOSS	:	-0.8 dB
TOTAL LOSS	:	126.3 dB			

PROFILE No.	56
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



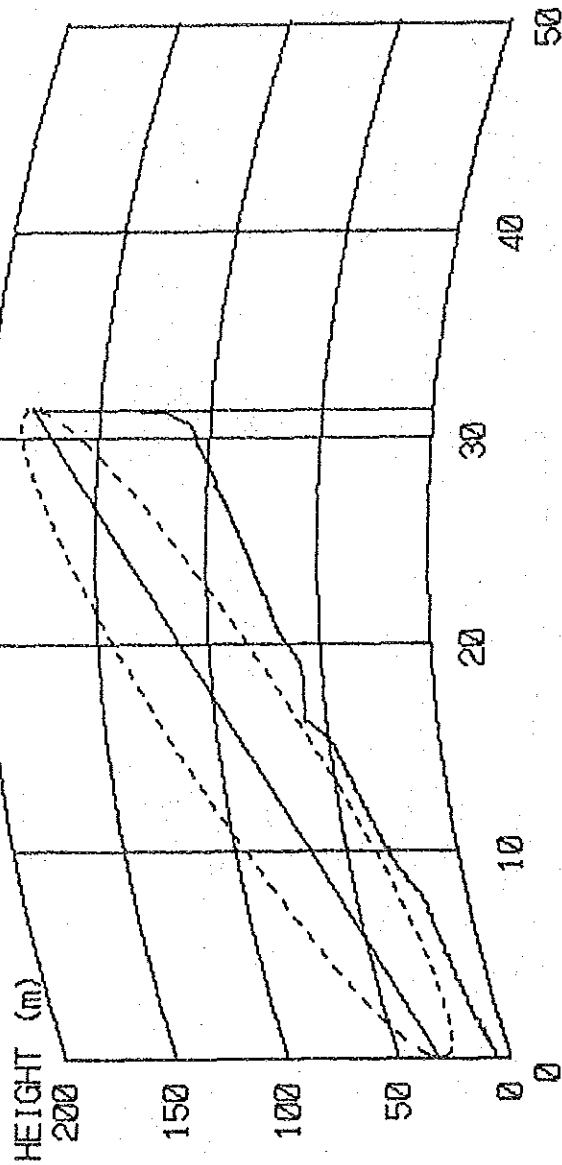
DISTANCE : 30.1 km
 SITE NAME : AL KAIB
 GROUND LEVEL : 100.0 m
 ANT.HEIGHT 1 : 59.0 m
 ANT.HEIGHT 2 : 30.0 m

ANT.HEIGHT 1	:	59.0 m	ANT.HEIGHT 2	:	30.0 m
CRITICAL POINT	:	14.3 Km	RIDGE HEIGHT	:	80.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	30.6 m
CLEARANCE	:	30.9 m	CLEARANCE FAC.	:	1.0
FREE SPACE LOSS	:	129.6 dB	RIDGE LOSS	:	-1.0 dB
TOTAL LOSS	:	128.7 dB			

PROFILE No.	57
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



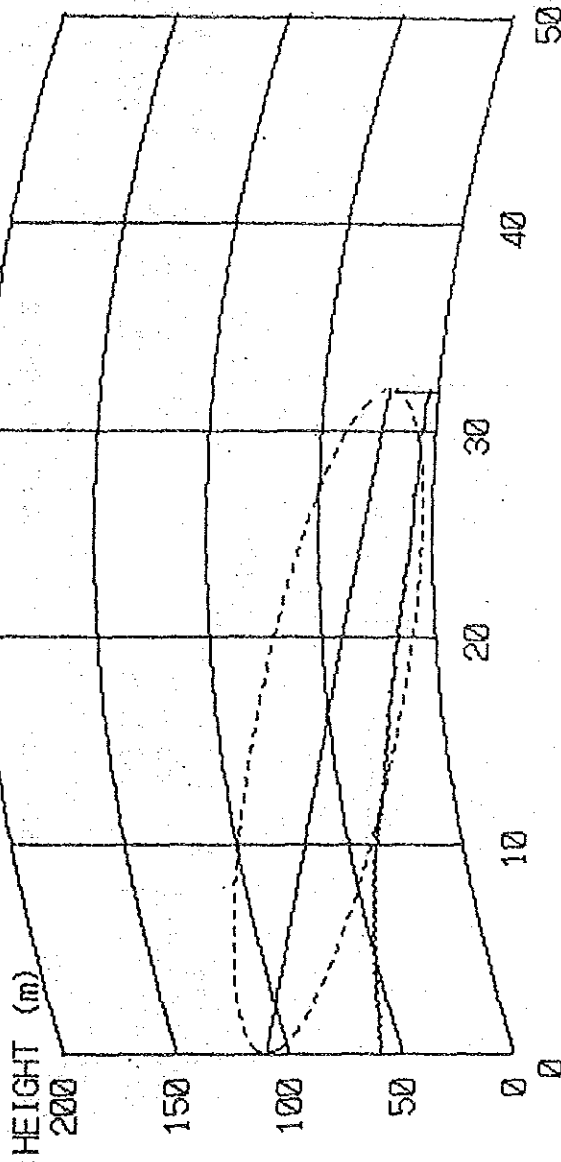
DISTANCE : 31.4 km
 SITE NAME : DAYR KHALIL
 GROUND LEVEL : 140.0 m
 ANT.HEIGHT 1 : 25.0 m
 ANT.HEIGHT 2 : 40.0 m

ANT.HEIGHT 1	:	25.0 m	ANT.HEIGHT 2	:	40.0 m
CRITICAL POINT	:	16.3 Km	RIDGE HEIGHT	:	60.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	31.3 m
CLEARANCE	:	33.8 m	CLEARANCE FAC.	:	1.1
FREE SPACE LOSS	:	130.0 dB	RIDGE LOSS	:	-0.5 dB
TOTAL LOSS	:	129.5 dB			

PROFILE No.	58
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 32 km

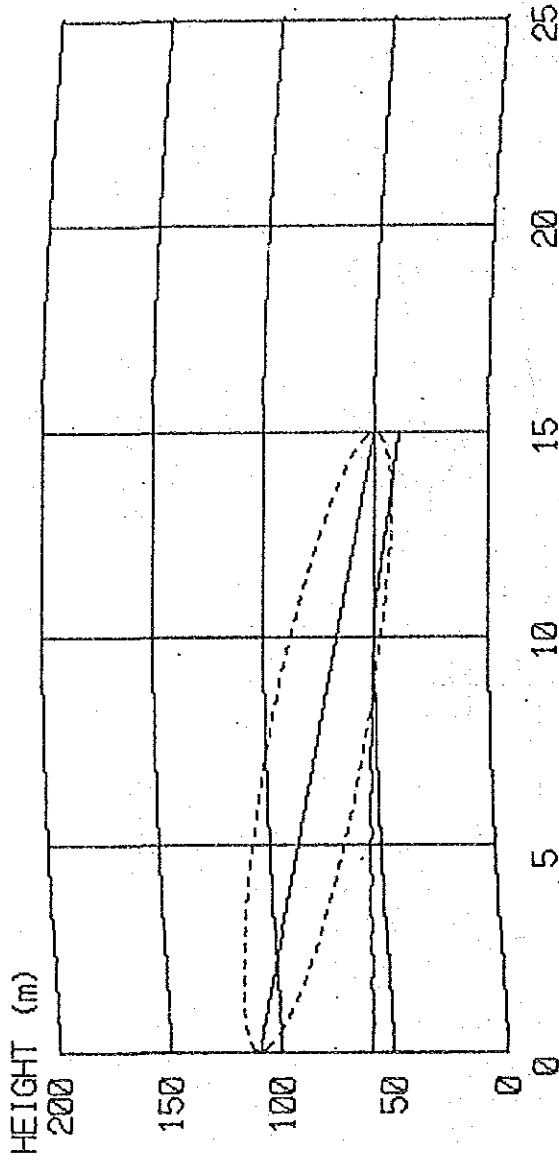
SITE NAME : DAYR AKHRASH SITE NAME : AL LUHAYYAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 5.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 16.0 m

ANT.HEIGHT 1 : 50.0 m	ANT.HEIGHT 2 : 16.0 m
CRITICAL POINT : 18.4 Km	RIDGE HEIGHT : 20.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 31.3 m
CLEARANCE : 24.1 m	CLEARANCE FAC. : 0.8
FREE SPACE LOSS : 130.2 dB	RIDGE LOSS : -1.2 dB
TOTAL LOSS : 128.9 dB	

PROFILE No.	59
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 15 km

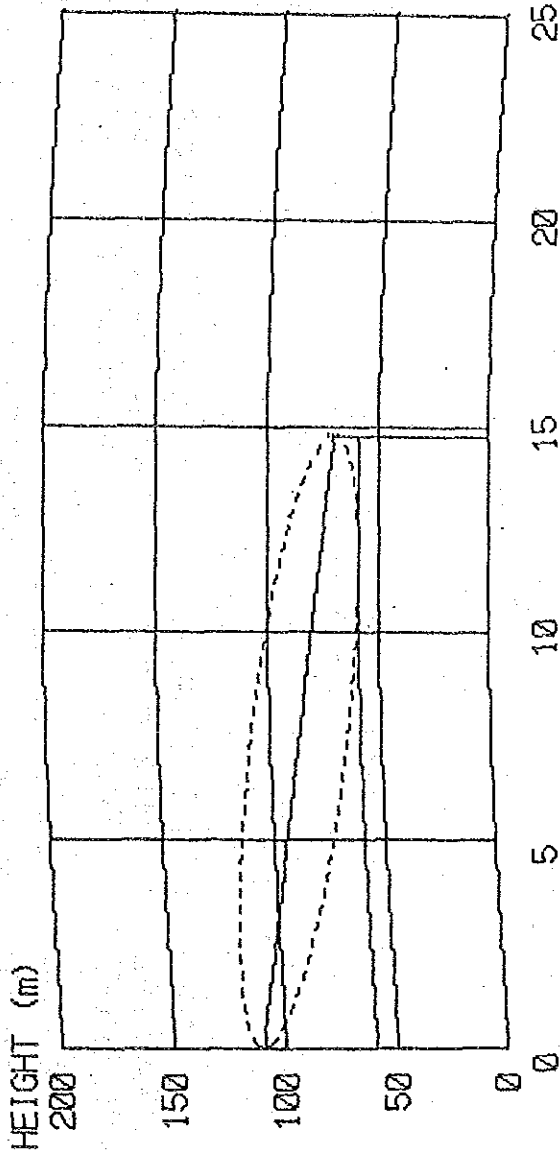
SITE NAME : DAYR AKHRASH SITE NAME : AL HUMASIYAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 40.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	50.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	10.7 Km	RIDGE HEIGHT	:	50.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	19.6 m
CLEARANCE	:	14.5 m	CLEARANCE FAC.	:	0.7
FREE SPACE LOSS	:	123.6 dB	RIDGE LOSS	:	-1.1 dB
TOTAL LOSS	:	122.4 dB			

PROFILE No.	60
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 14.8 km

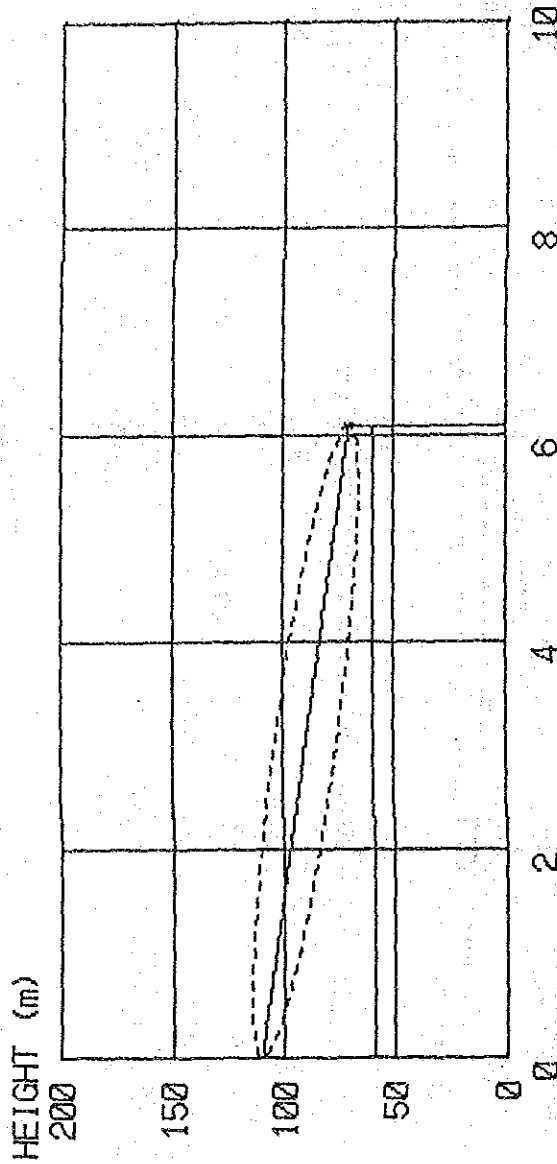
SITE NAME : DAYR AKHRASH SITE NAME : AL QANAMAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 60.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 50.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 8.6 Km	RIDGE HEIGHT : 60.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 21.2 m
CLEARANCE : 23.6 m	CLEARANCE FAC. : 1.1
FREE SPACE LOSS : 123.5 dB	RIDGE LOSS : -0.3 dB
TOTAL LOSS : 123.2 dB	

PROFILE No.	61
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



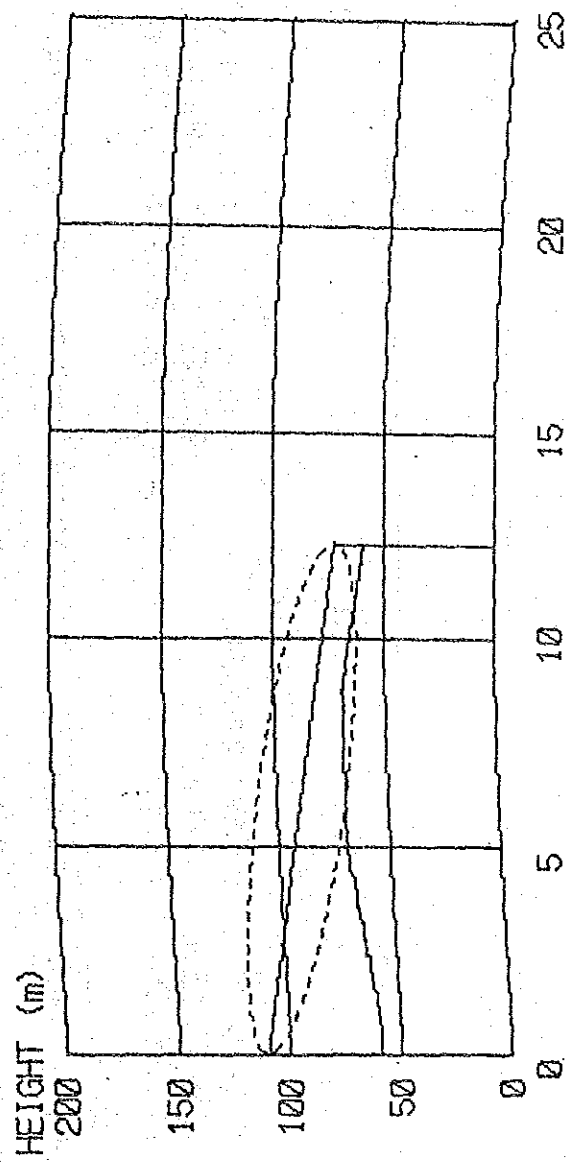
DISTANCE : 6.1 km
 SITE NAME : DAYR AKHRASH SITE NAME : MAWR
 GROUND LEVEL : 60.0 m GROUND LEVEL : 60.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 50.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 3.5 Km	RIDGE HEIGHT	: 60.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 13.7 m
CLEARANCE	: 26.5 m	CLEARANCE FAC.	: 1.9
FREE SPACE LOSS	: 115.8 dB	RIDGE LOSS	: 0.7 dB
TOTAL LOSS	: 116.5 dB		

PROFILE No.	62
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 12.3 km

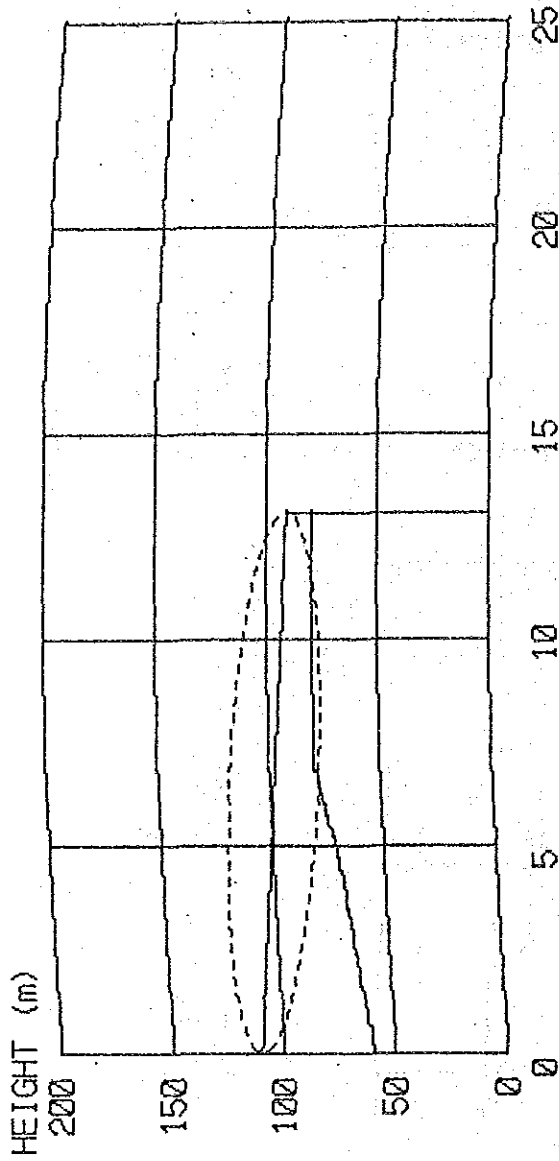
SITE NAME : DAYR AKHRASH	SITE NAME : AZ ZUHRAH
GROUND LEVEL : 60.0 m	GROUND LEVEL : 60.0 m
ANT.HEIGHT 1 : 50.0 m	ANT.HEIGHT 2 : 12.0 m

ANT.HEIGHT 1	:	50.0 m	ANT.HEIGHT 2	:	12.0 m
CRITICAL POINT	:	8.7 Km	RIDGE HEIGHT	:	70.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	17.8 m
CLEARANCE	:	11.3 m	CLEARANCE FAC.	:	0.6
FREE SPACE LOSS	:	121.9 dB	RIDGE LOSS	:	-0.6 dB
TOTAL LOSS	:	121.3 dB			

PROFILE No.	63
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



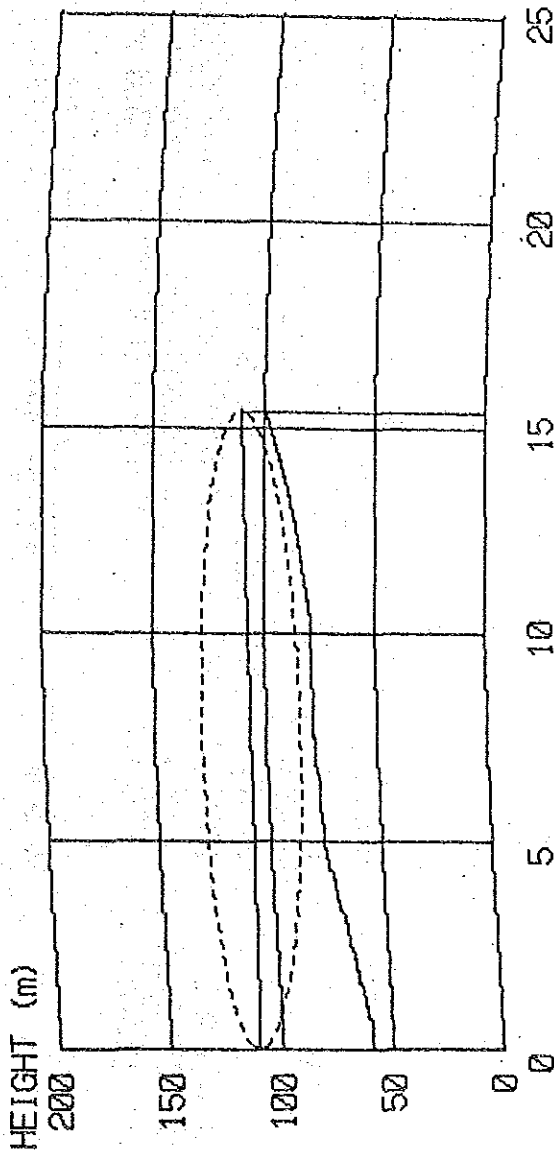
SITE NAME : DAYR AKHRASH DISTANCE : 13.1 km SITE NAME : AL MUTARID
 GROUND LEVEL : 80.0 m GROUND LEVEL : 80.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	50.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	7.8 Km	RIDGE HEIGHT	:	80.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	19.9 m
CLEARANCE	:	15.7 m	CLEARANCE FAC.	:	0.8
FREE SPACE LOSS	:	122.4 dB	RIDGE LOSS	:	-1.3 dB
TOTAL LOSS	:	121.1 dB			

PROFILE No.	64
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 15.4 km

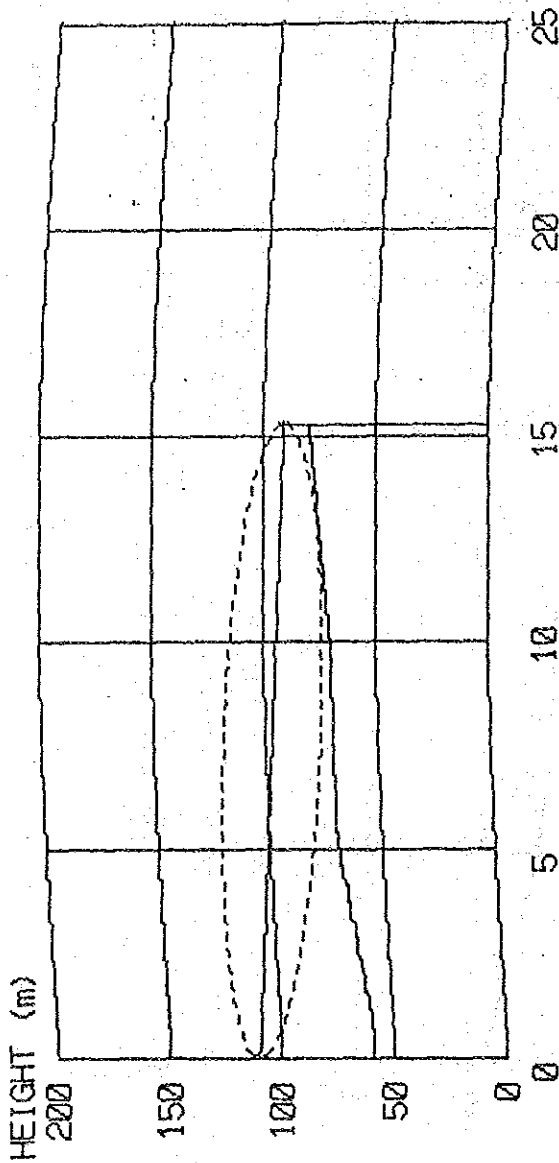
SITE NAME : DAYR AKHRASH SITE NAME : DAYR DUKHNAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 100.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	50.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	8.2 Km	:	RIDGE HEIGHT	:	80.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	21.9 m
CLEARANCE	:	26.5 m	:	CLEARANCE FAC.	:	1.2
FREE SPACE LOSS	:	123.8 dB	:	RIDGE LOSS	:	0.6 dB
TOTAL LOSS	:	124.4 dB	:		:	

PROFILE No.	65
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 15.3 km

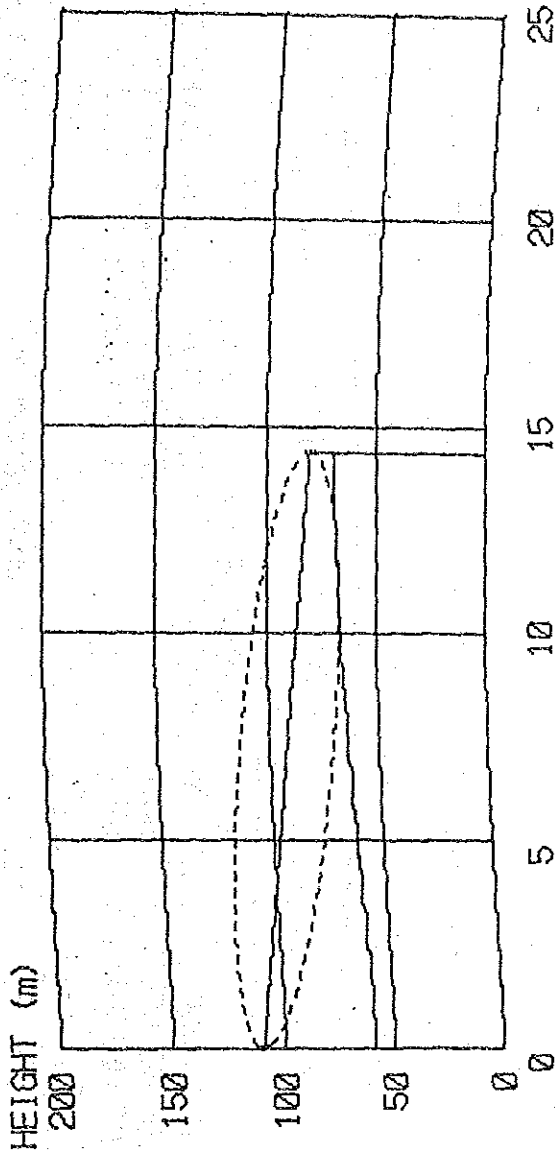
SITE NAME : DAYR AKHRASH SITE NAME : DAYR KUZABAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 80.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	50.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	9.6 Km	RIDGE HEIGHT	:	70.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	21.1 m
CLEARANCE	:	24.2 m	CLEARANCE FAC.	:	1.1
FREE SPACE LOSS	:	123.8 dB	RIDGE LOSS	:	0.0 dB
TOTAL LOSS	:	123.8 dB			

PROFILE No.	66
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 14.4 km

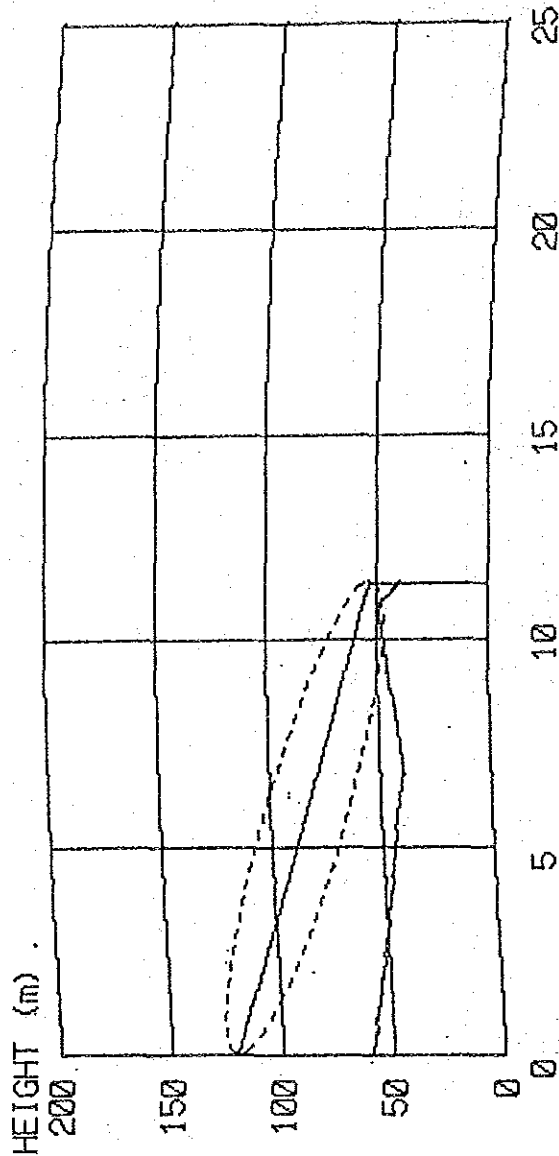
SITE NAME : DAYR AKHRASH SITE NAME : DAYR ABDALLAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 70.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 50.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 13.0 Km	RIDGE HEIGHT : 70.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 12.6 m
CLEARANCE : 11.8 m	CLEARANCE FAC. : 0.9
FREE SPACE LOSS : 123.2 dB	RIDGE LOSS : -1.3 dB
TOTAL LOSS : 122.0 dB	

PROFILE No.	67
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



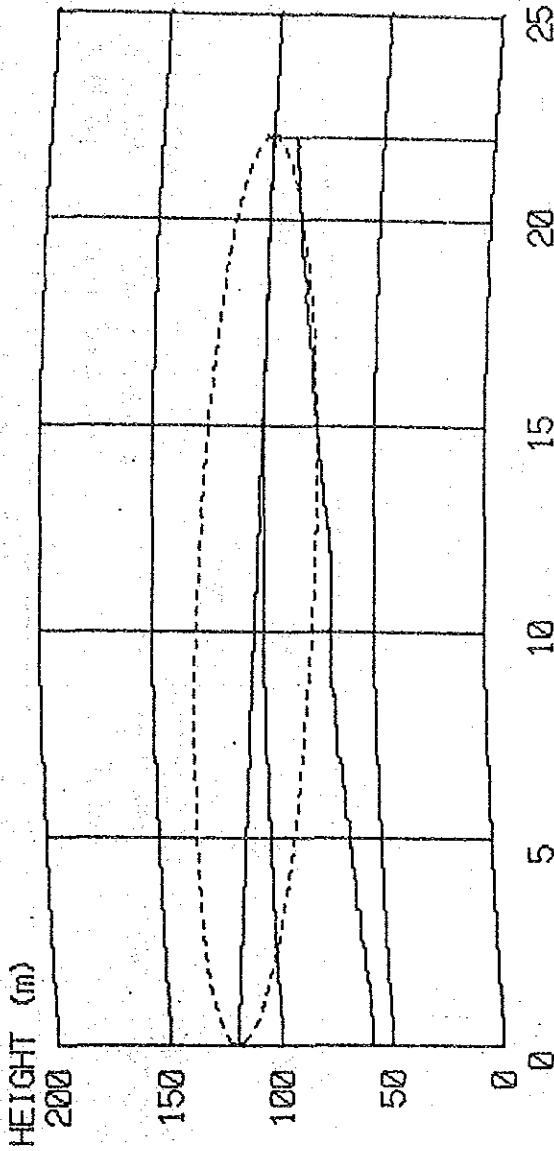
SITE NAME : AZ ZAYDIYAH DISTANCE : 11.4 km SITE NAME : AL MUGHAYDIFIYAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 40.0 m
 ANT.HEIGHT 1 : 60.0 m ANT.HEIGHT 2 : 12.0 m

ANT.HEIGHT 1 : 60.0 m	ANT.HEIGHT 2 : 12.0 m
CRITICAL POINT : 10.8 Km	RIDGE HEIGHT : 50.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 8.4 m
CLEARANCE : 5.2 m	CLEARANCE FAC. : 0.6
FREE SPACE LOSS : 121.2 dB	RIDGE LOSS : -0.5 dB
TOTAL LOSS : 120.7 dB	

PROFILE No.	68
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 22 km

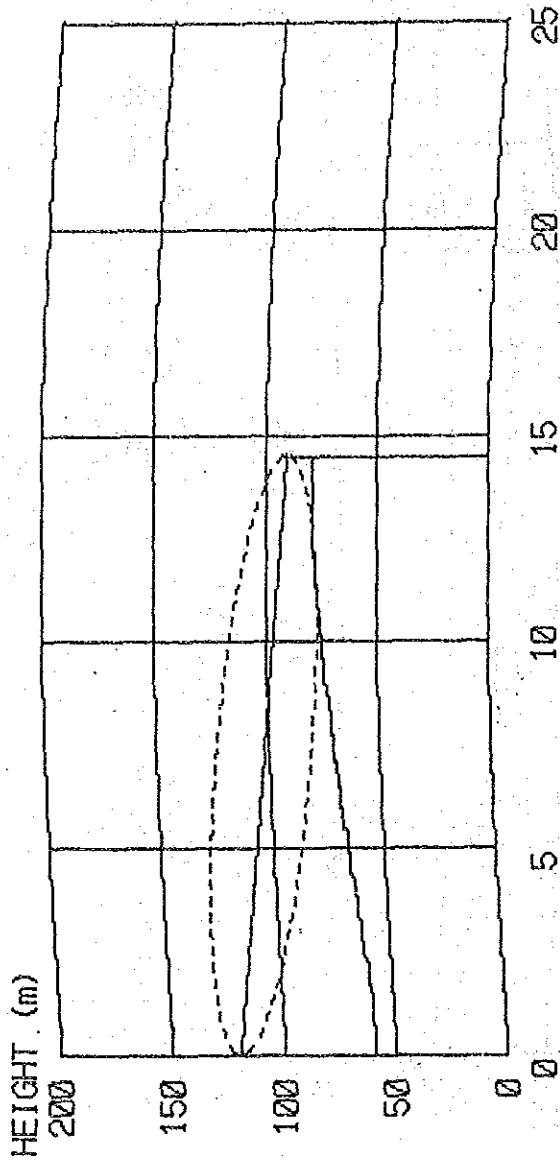
S I T E N A M E : A Z Z A Y D I Y A H S I T E N A M E : A L Q A N A W I S
 G R O U N D L E V E L : 60.0 m G R O U N D L E V E L : 90.0 m
 A N T . H E I G H T 1 : 60.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1	:	60.0 m	:	A N T . H E I G H T 2	:	10.0 m
C R I T I C A L P O I N T	:	16.8 Km	:	R I D G E H E I G H T	:	80.0 m
T R E E H E I G H T	:	0.0 m	:	F R E S N E L D E P .	:	22.3 m
C L E A R A N C E	:	19.6 m	:	C L E A R A N C E F A C .	:	0.9
F R E E S P A C E L O S S	:	126.9 dB	:	R I D G E L O S S	:	-1.4 dB
T O T A L L O S S	:	125.5 dB	:		:	

P R O F I L E N o .	69
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 14.5 km

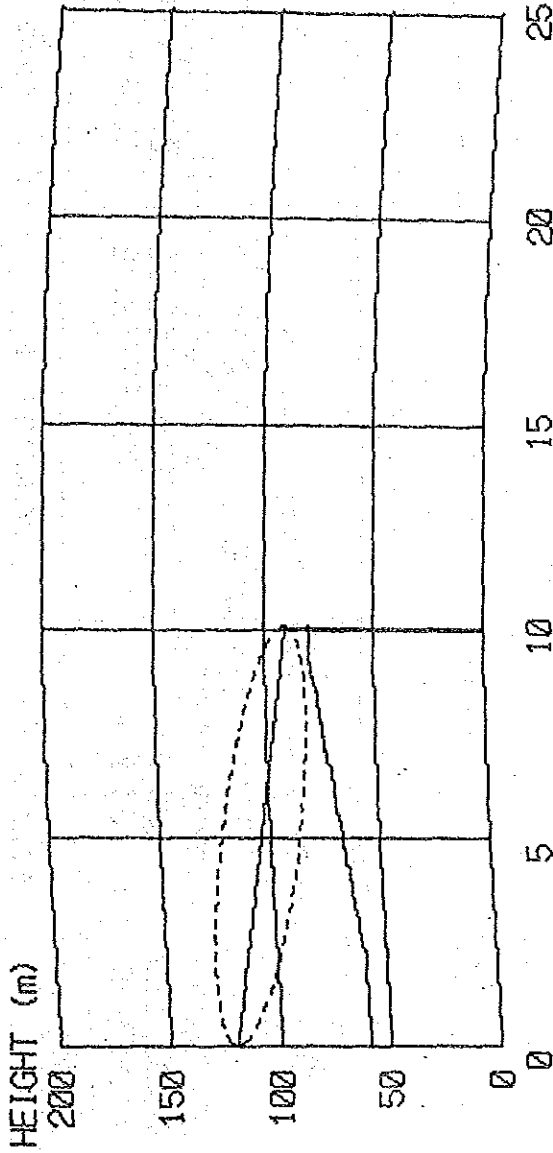
SITE NAME : AZ ZAYDIYAH SITE NAME : DAUDIYAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 80.0 m
 ANT.HEIGHT 1 : 60.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 60.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 12.5 Km	RIDGE HEIGHT	: 80.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 14.7 m
CLEARANCE	: 12.7 m	CLEARANCE FAC.	: 0.9
FREE SPACE LOSS	: 123.3 dB	RIDGE LOSS	: -1.4 dB
TOTAL LOSS	: 121.9 dB		

PROFILE No.	70
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



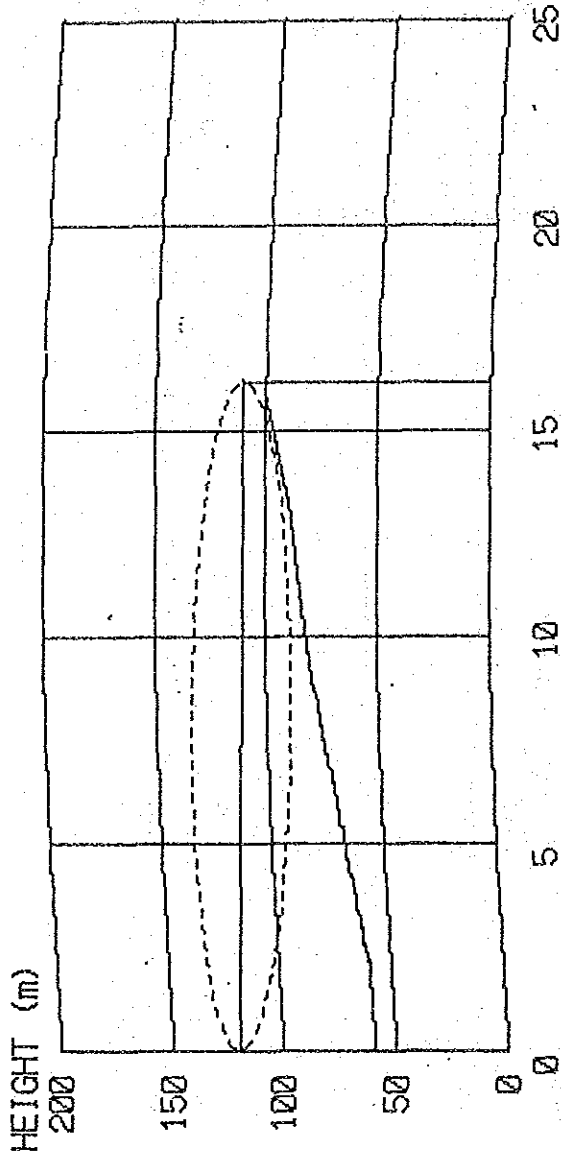
SITE NAME : AZ ZAYDIYAH DISTANCE : 10.1 km SITE NAME : DAYR AL MAHADI
 GROUND LEVEL : 80.0 m GROUND LEVEL : 80.0 m
 ANT. HEIGHT 1 : 60.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	60.0 m	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	9.5 Km	RIDGE HEIGHT	:	80.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	8.4 m
CLEARANCE	:	11.4 m	CLEARANCE FAC.	:	1.4
FREE SPACE LOSS	:	120.1 dB	RIDGE LOSS	:	1.0 dB
TOTAL LOSS	:	121.2 dB			

PROFILE No.	71
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



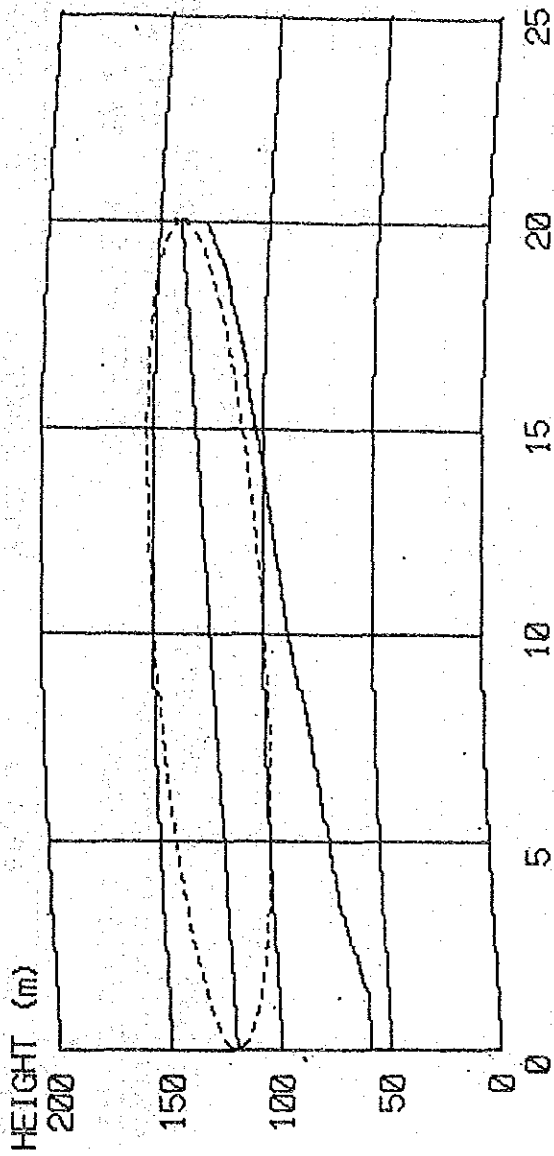
DISTANCE : 16.2 km
 SITE NAME : DAYR AL WALI
 GROUND LEVEL : 60.0 m GROUND LEVEL : 100.0 m
 ANT.HEIGHT 1 : 60.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	60.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	13.2 Km	RIDGE HEIGHT	:	90.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	17.5 m
CLEARANCE	:	19.5 m	CLEARANCE FAC.	:	1.1
FREE SPACE LOSS	:	124.3 dB	RIDGE LOSS	:	-0.2 dB
TOTAL LOSS	:	124.0 dB			

PROFILE No.	72
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 20 km

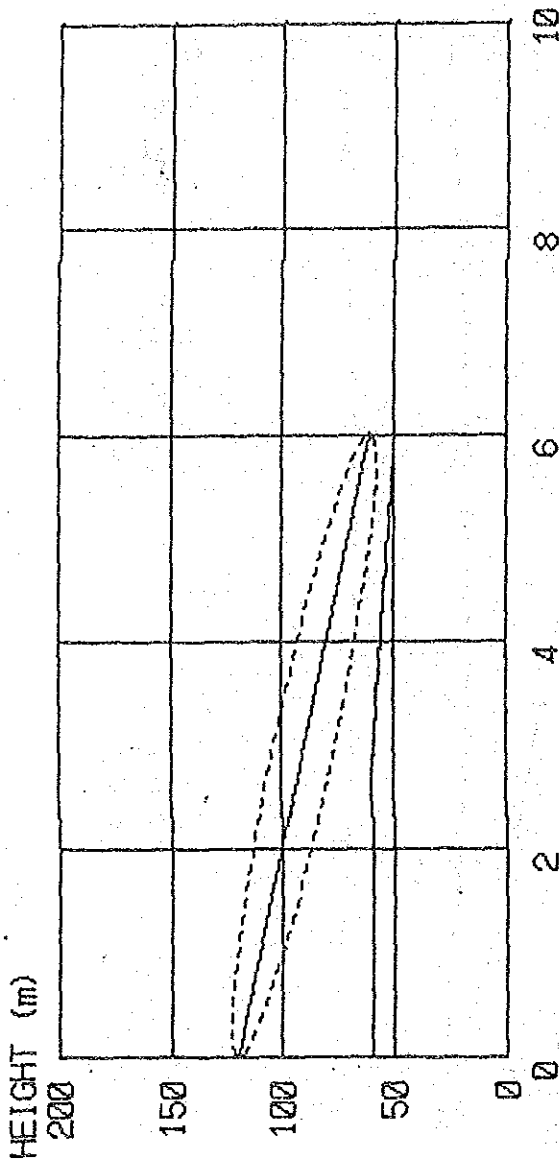
SITE NAME : AZ ZAYDIYAH	SITE NAME : AL MIGHILAF
GROUND LEVEL : 60.0 m	GROUND LEVEL : 130.0 m
ANT.HEIGHT 1 : 60.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 60.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 13.8 Km	RIDGE HEIGHT	: 100.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 23.1 m
CLEARANCE	: 28.8 m	CLEARANCE FAC.	: 1.2
FREE SPACE LOSS	: 126.1 dB	RIDGE LOSS	: 0.8 dB
TOTAL LOSS	: 126.9 dB		

PROFILE No.	73
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



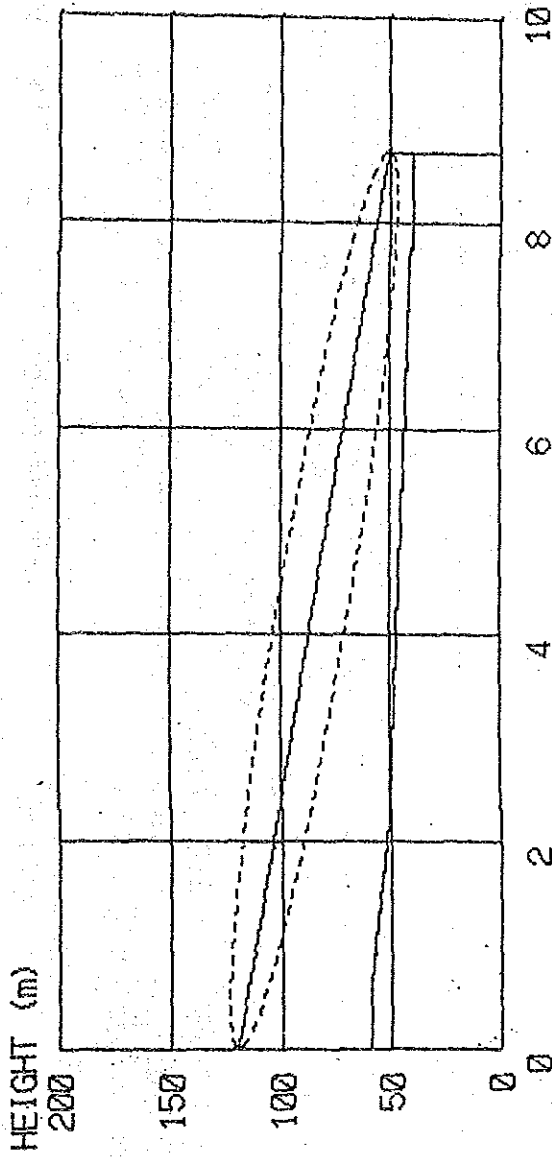
DISTANCE : 6 km
 SITE NAME : AL HASHABIRAH
 SITE NAME : AZ ZAYDIYAH
 GROUND LEVEL : 50.0 m
 GROUND LEVEL : 60.0 m
 ANT. HEIGHT 2 : 10.0 m
 ANT. HEIGHT 1 : 60.0 m

ANT. HEIGHT 1	:	60.0 m	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	2.7 km	RIDGE HEIGHT	:	60.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	13.6 m
CLEARANCE	:	32.5 m	CLEARANCE FAC.	:	2.4
FREE SPACE LOSS	:	115.6 dB	RIDGE LOSS	:	0.6 dB
TOTAL LOSS	:	116.2 dB			

PROFILE No.	74
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 8.7 km

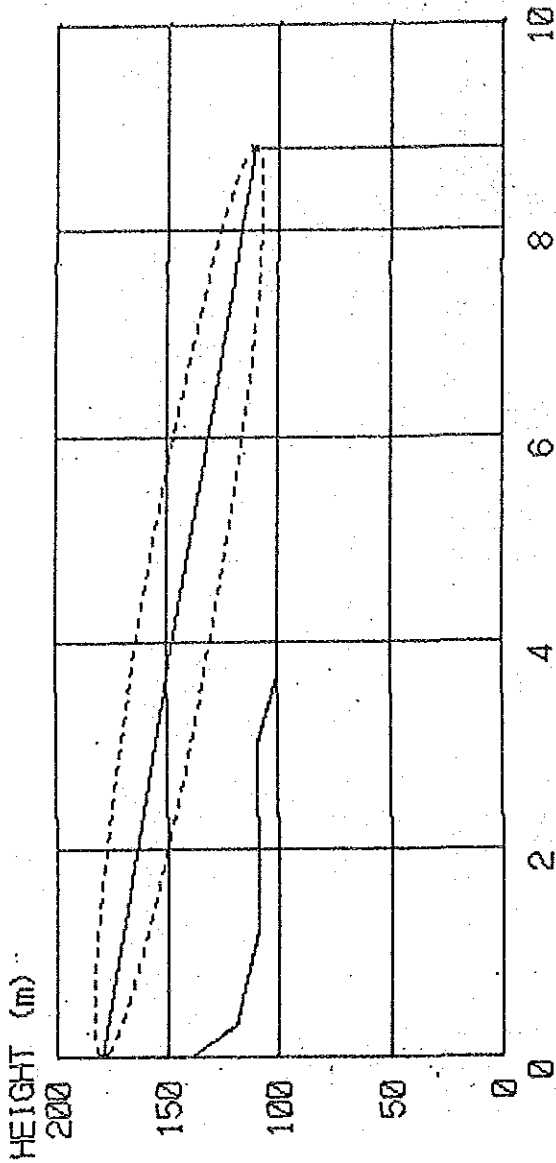
SITE NAME : AZ ZAYDIYAH SITE NAME : AL MUNIRAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 40.0 m
 ANT.HEIGHT 1 : 60.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 60.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 8.1 Km	RIDGE HEIGHT : 40.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 8.4 m
CLEARANCE : 14.5 m	CLEARANCE FAC. : 1.7
FREE SPACE LOSS : 118.9 dB	RIDGE LOSS : -0.5 dB
TOTAL LOSS : 118.3 dB	

PROFILE No.	75
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 8.8 km

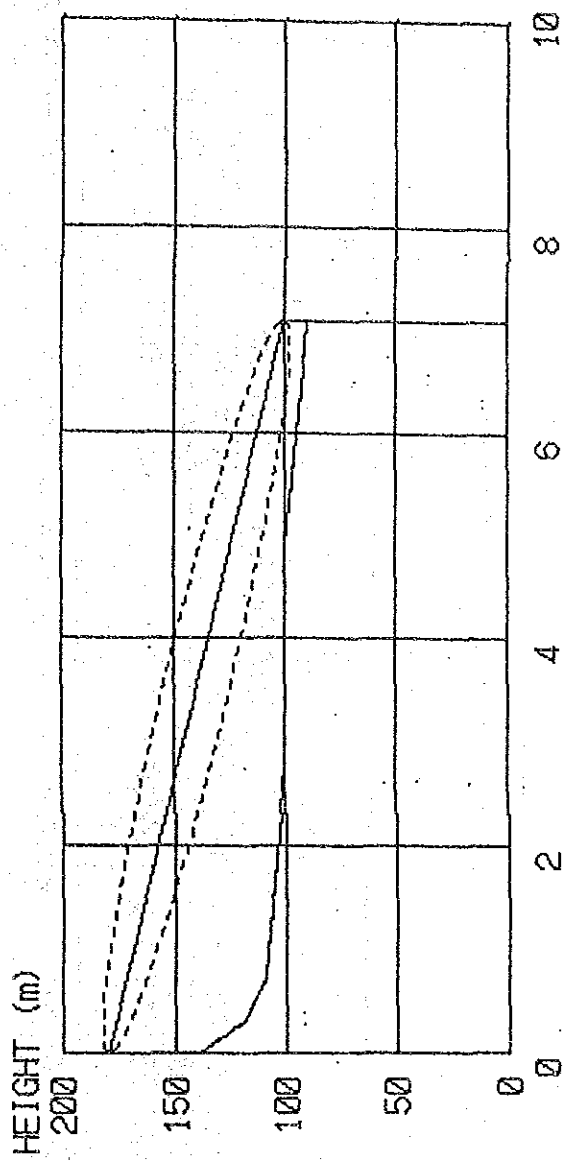
SITE NAME : DAYR KHALIL SITE NAME : AD DAWM
 GROUND LEVEL : 140.0 m GROUND LEVEL : 100.0 m
 ANT.HEIGHT 1 : 40.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	40.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	4.2 Km	:	RIDGE HEIGHT	:	100.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	16.6 m
CLEARANCE	:	45.5 m	:	CLEARANCE FAC.	:	2.7
FREE SPACE LOSS	:	119.0 dB	:	RIDGE LOSS	:	0.4 dB
TOTAL LOSS	:	119.3 dB	:		:	

PROFILE No.	76
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



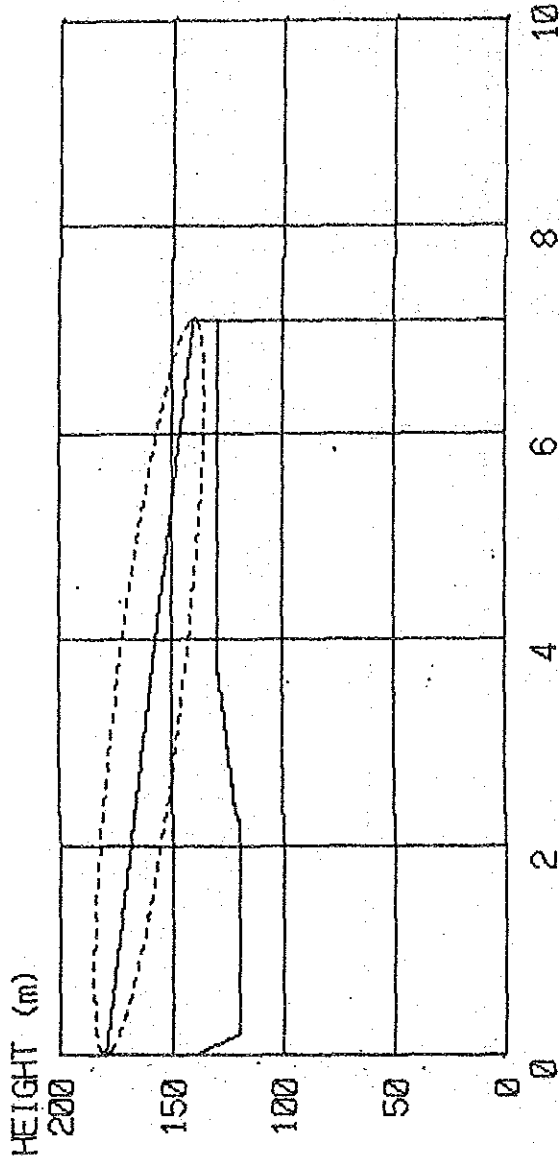
DISTANCE : 7.1 km
 SITE NAME : DAYR KHALIL SITE NAME : AZ ZUBAYRIYAH
 GROUND LEVEL : 140.0 m GROUND LEVEL : 90.0 m
 ANT.HEIGHT 1 : 40.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 40.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 5.0 Km	RIDGE HEIGHT : 100.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 13.6 m
CLEARANCE : 23.0 m	CLEARANCE FAC. : 1.7
FREE SPACE LOSS : 117.1 dB	RIDGE LOSS : -0.7 dB
TOTAL LOSS : 116.3 dB	

PROFILE No.	77
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



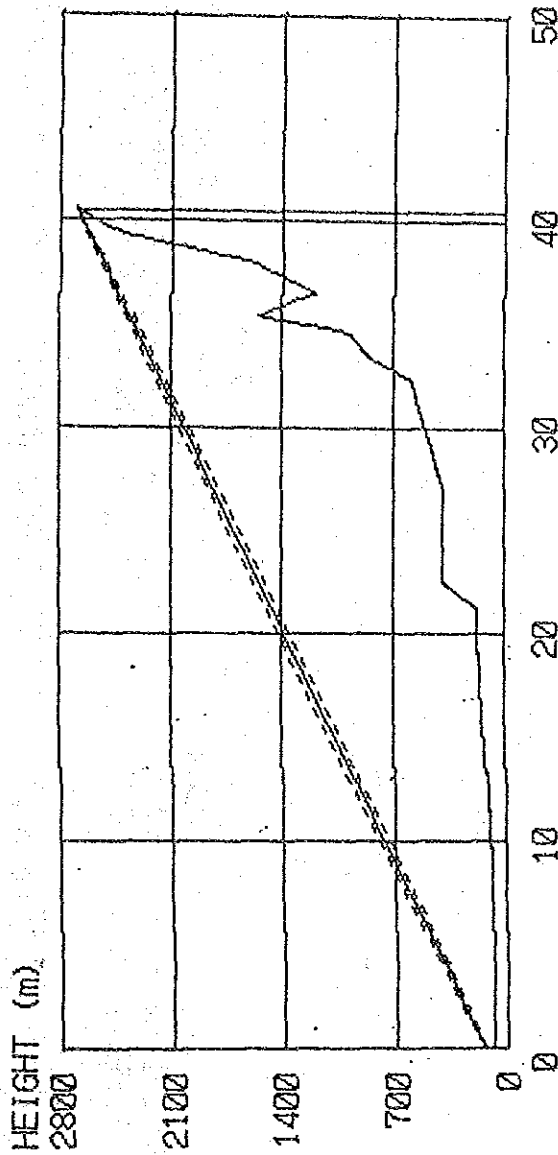
DISTANCE : 7.1 km
 SITE NAME : DAYR KHALIL SITE NAME : DAYR AL MUDAWWAR
 GROUND LEVEL : 140.0 m GROUND LEVEL : 130.0 m
 ANT. HEIGHT 1 : 40.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	40.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	3.8 Km	:	RIDGE HEIGHT	:	130.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	14.9 m
CLEARANCE	:	27.9 m	:	CLEARANCE FAC.	:	1.9
FREE SPACE LOSS	:	117.1 dB	:	RIDGE LOSS	:	0.5 dB
TOTAL LOSS	:	117.6 dB	:		:	

PROFILE No.	78
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



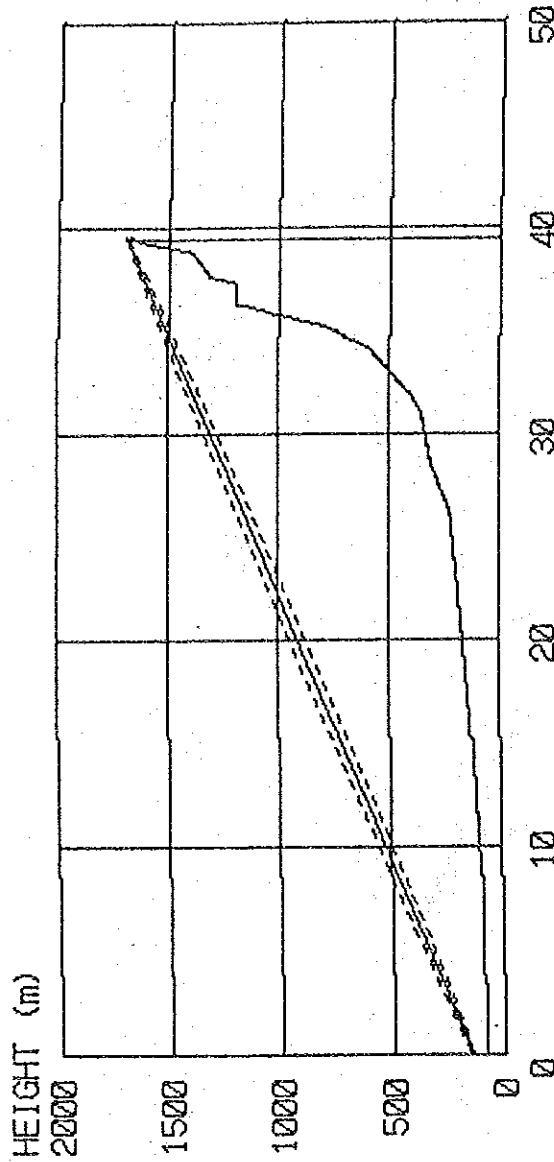
SITE NAME : AL ABBASI DISTANCE : 40.5 km SITE NAME : KUSMA
 GROUND LEVEL : 90.0 m GROUND LEVEL : 2680.0 m
 ANT.HEIGHT 1 : 58.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	58.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	40.0 Km	RIDGE HEIGHT	:	2600.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	7.9 m
CLEARANCE	:	57.4 m	CLEARANCE FAC.	:	7.3
FREE SPACE LOSS	:	132.2 dB	RIDGE LOSS	:	0.1 dB
TOTAL LOSS	:	132.3 dB			

PROFILE No.	79
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



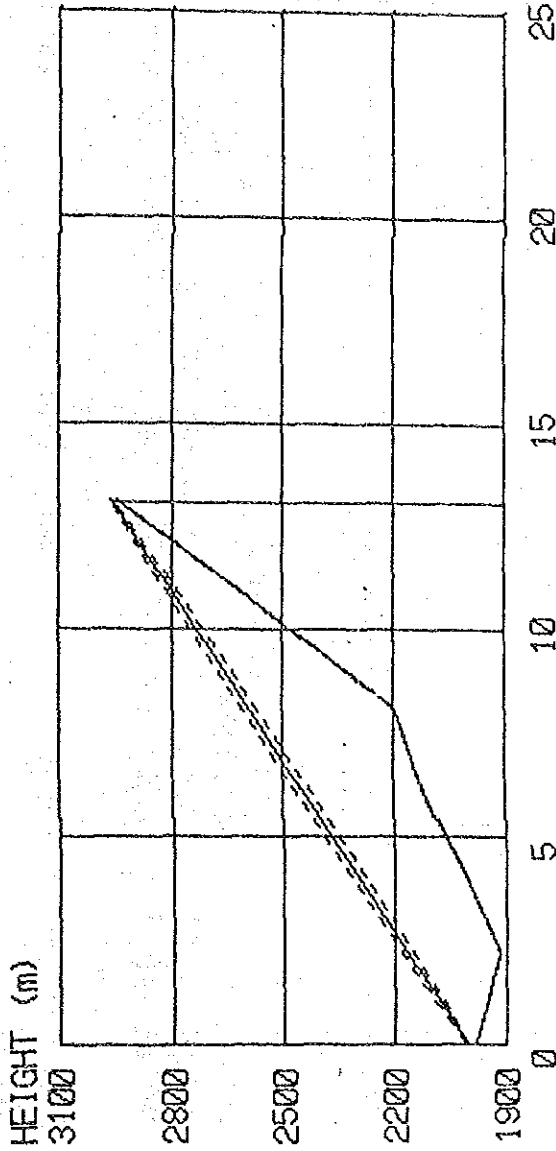
SITE NAME : AL ABBASI DISTANCE : 39.5 km SITE NAME : MARKAZ BILAD ATTAM
 GROUND LEVEL : 90.0 m GROUND LEVEL : 1680.0 m
 ANT.HEIGHT 1 : 58.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 58.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 39.2 Km	RIDGE HEIGHT : 1600.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 6.1 m
CLEARANCE : 77.6 m	CLEARANCE FAC. : 12.7
FREE SPACE LOSS : 132.0 dB	RIDGE LOSS : 0.1 dB
TOTAL LOSS : 132.1 dB	

PROFILE No.	80
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 13.1 km
 SITE NAME : J.AL GABRAYN
 GROUND LEVEL : 2948.0 m
 ANT.HEIGHT 2 : 10.0 m

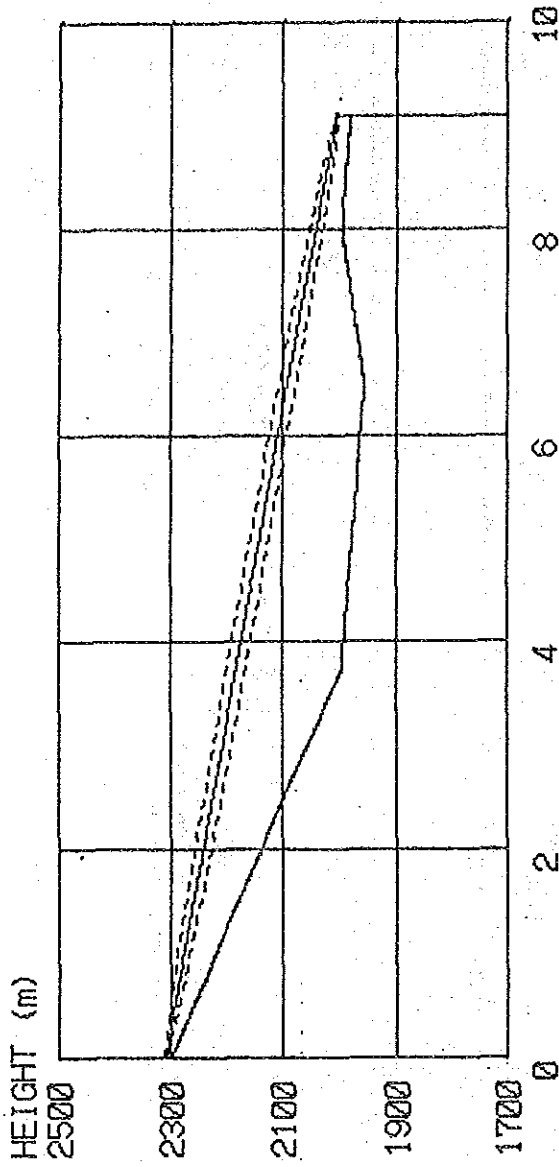
SITE NAME : IBB
 GROUND LEVEL : 1985.0 m
 ANT.HEIGHT 1 : 20.0 m

ANT.HEIGHT 1	:	20.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	10.8 Km	:	RIDGE HEIGHT	:	2600.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	15.4 m
CLEARANCE	:	189.2 m	:	CLEARANCE FAC.	:	12.3
FREE SPACE LOSS	:	122.4 dB	:	RIDGE LOSS	:	-0.1 dB
TOTAL LOSS	:	122.3 dB	:		:	

PROFILE No.	81
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 9.1 km

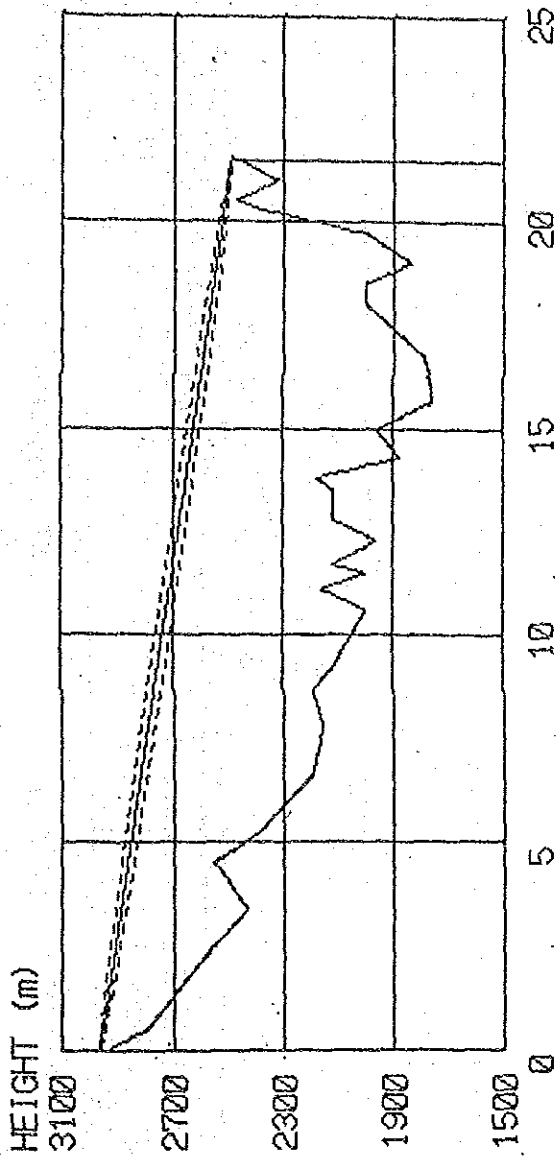
SITE NAME : MASHWARAH	SITE NAME : IBB
GROUND LEVEL : 2300.0 m	GROUND LEVEL : 1985.0 m
ANT.HEIGHT,1 : 10.0 m	ANT.HEIGHT 2 : 20.0 m

ANT.HEIGHT 1 : 10.0 m	ANT.HEIGHT 2 : 20.0 m
CRITICAL POINT : 8.0 Km	RIDGE HEIGHT : 2000.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 11.0 m
CLEARANCE : 41.4 m	CLEARANCE FAC. : 3.8
FREE SPACE LOSS : 119.2 dB	RIDGE LOSS : 0.1 dB
TOTAL LOSS : 119.4 dB	

PROFILE No.	82
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 21.5 km

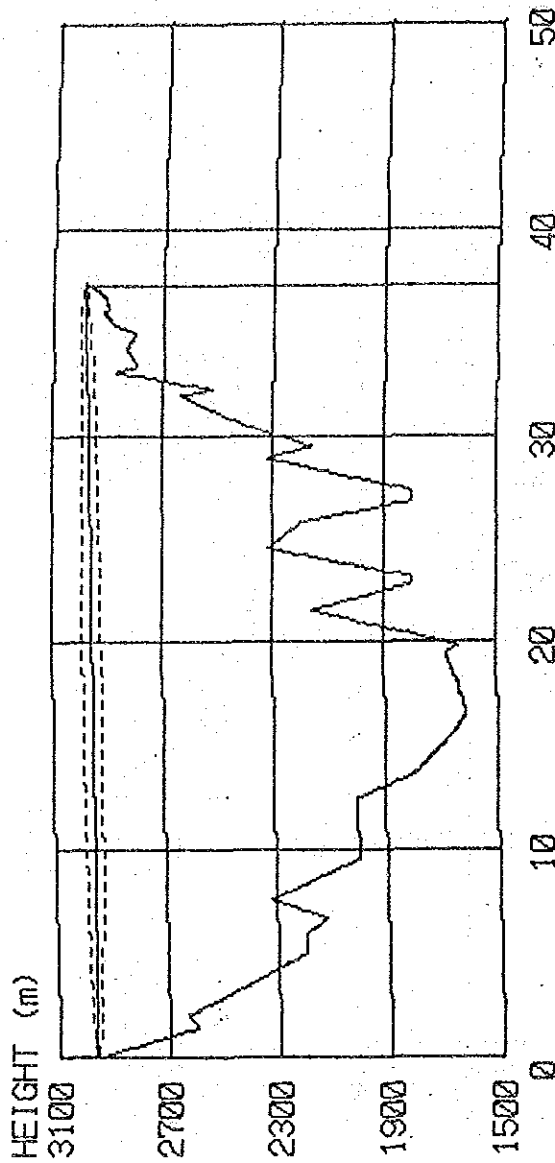
SITE NAME : J. AL GABRAYN	SITE NAME : J. SAID
GROUND LEVEL : 2948.0 m	GROUND LEVEL : 2480.0 m
ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 20.5 Km	RIDGE HEIGHT : 2480.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 10.9 m
CLEARANCE : 30.8 m	CLEARANCE FAC. : 2.8
FREE SPACE LOSS : 126.7 dB	RIDGE LOSS : 0.4 dB
TOTAL LOSS : 127.1 dB	

PROFILE No.	83
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 37.3 km

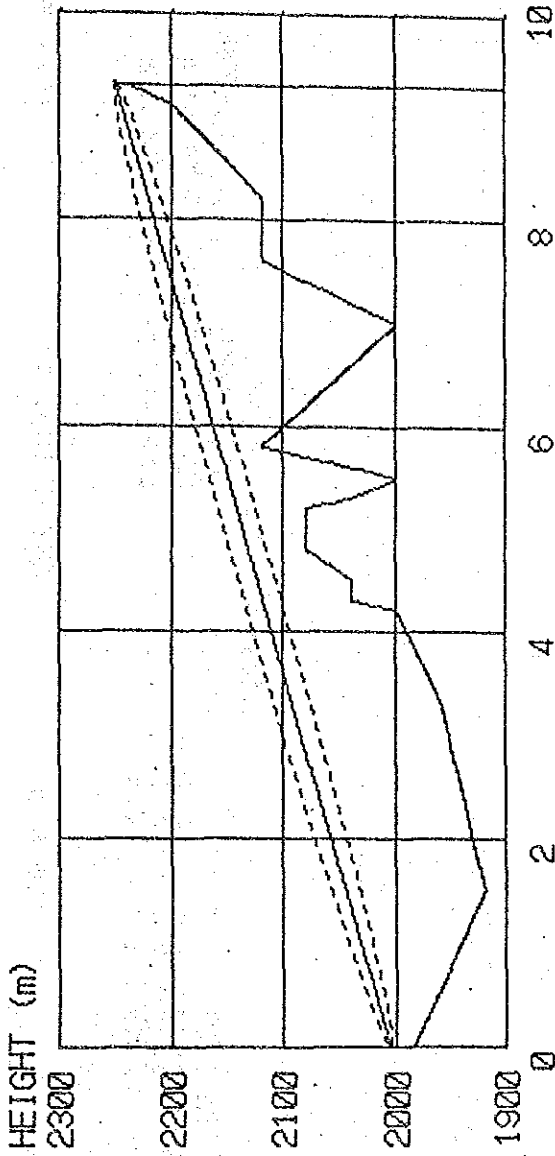
S I T E N A M E : J. A L Q A B R A Y N S I T E N A M E : J. S U M A R A H
 G R O U N D L E V E L : 2948.0 m G R O U N D L E V E L : 2973.0 m
 A N T. H E I G H T 1 : 15.0 m A N T. H E I G H T 2 : 10.0 m

A N T. H E I G H T 1	:	15.0 m	A N T. H E I G H T 2	:	10.0 m
C R I T I C A L P O I N T	:	33.1 Km	R I D G E H E I G H T	:	2880.0 m
T R E E H E I G H T	:	0.0 m	F R E S N E L D E P.	:	21.6 m
C L E A R A N C E	:	92.6 m	C L E A R A N C E F A C.	:	4.3
F R E E S P A C E L O S S	:	131.5 dB	R I D G E L O S S	:	-0.1 dB
T O T A L L O S S	:	131.4 dB			

P R O F I L E N o.	84
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 9.3 km

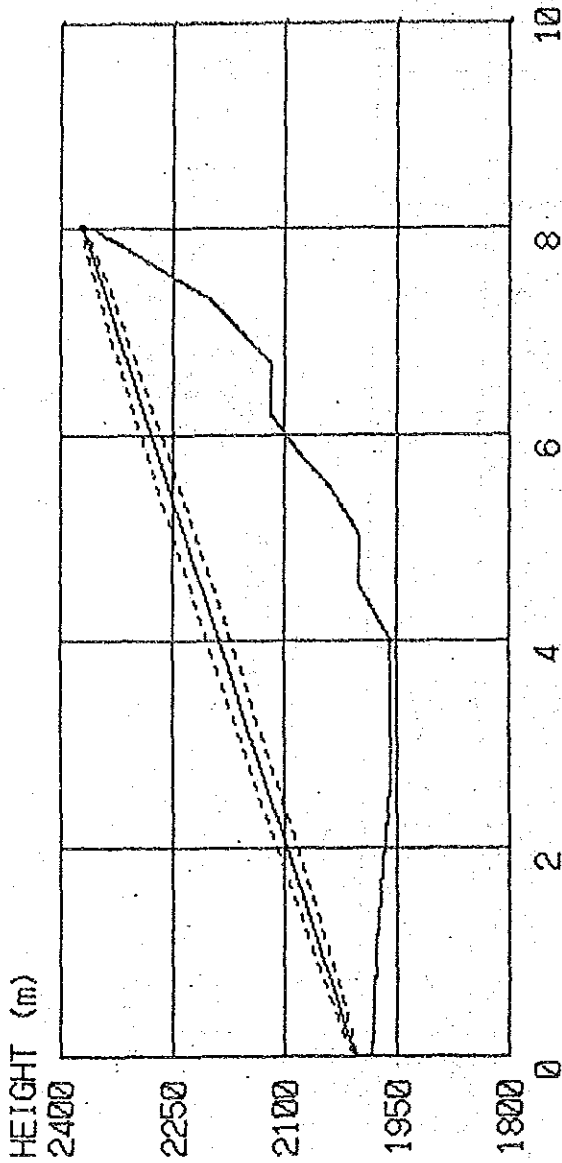
SITE NAME : IBB	SITE NAME : AL WAQASH
GROUND LEVEL : 1985.0 m	GROUND LEVEL : 2240.0 m
ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 5.8 Km	RIDGE HEIGHT : 2120.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 16.5 m
CLEARANCE : 36.6 m	CLEARANCE FAC. : 2.2
FREE SPACE LOSS : 119.4 dB	RIDGE LOSS : -0.5 dB
TOTAL LOSS : 118.9 dB	

PROFILE No.	85
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



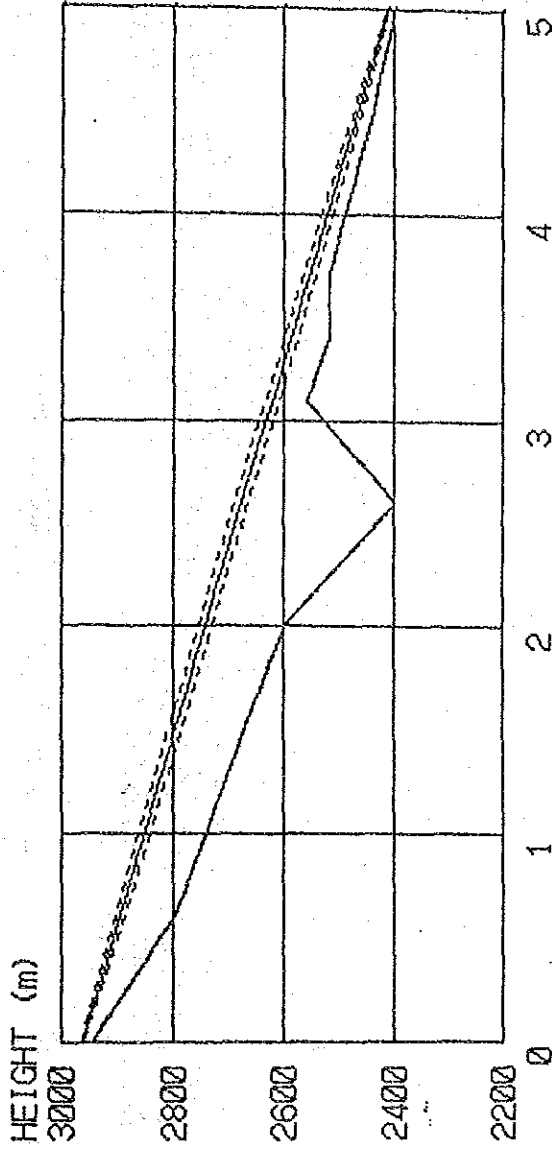
DISTANCE : 8 km
 SITE NAME : AD DUHRAH
 GROUND LEVEL : 2360.0 m
 ANT. HEIGHT 1 : 20.0 m
 ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 20.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 1.0 Km	RIDGE HEIGHT	: 1980.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 10.5 m
CLEARANCE	: 70.2 m	CLEARANCE FAC.	: 6.7
FREE SPACE LOSS	: 118.1 dB	RIDGE LOSS	: -0.1 dB
TOTAL LOSS	: 118.0 dB		

PROFILE No.	86
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 5 km

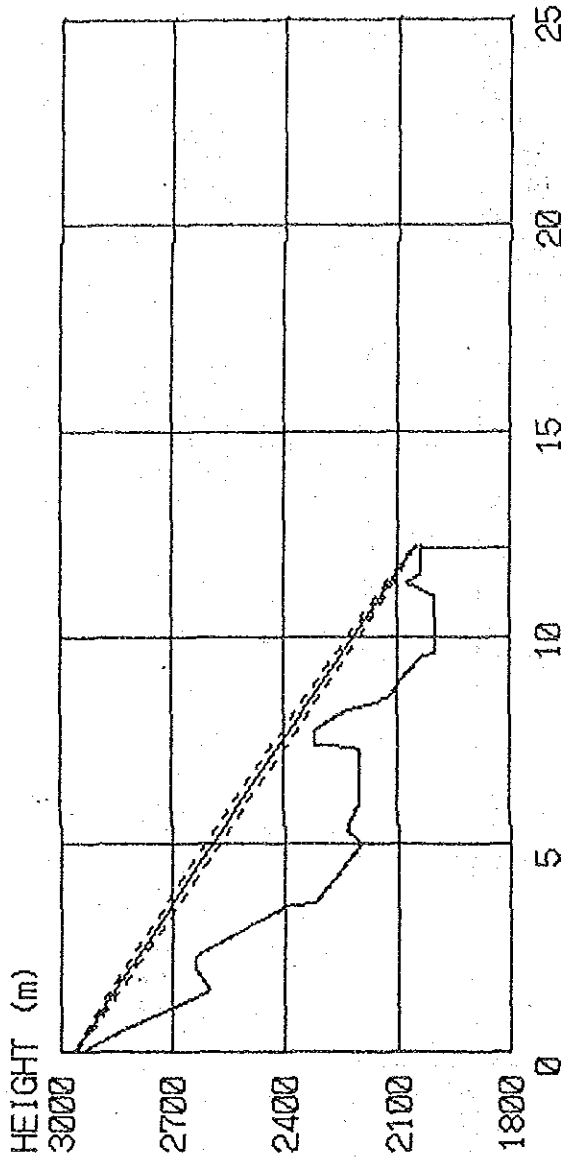
SITE NAME : J. AL QABRAYN SITE NAME : MABARI
 GROUND LEVEL : 2948.0 m GROUND LEVEL : 2400.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 3.7 Km	RIDGE HEIGHT	: 2520.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 11.0 m
CLEARANCE	: 33.5 m	CLEARANCE FAC.	: 3.1
FREE SPACE LOSS	: 114.0 dB	RIDGE LOSS	: 0.1 dB
TOTAL LOSS	: 114.1 dB		

PROFILE No.	87
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



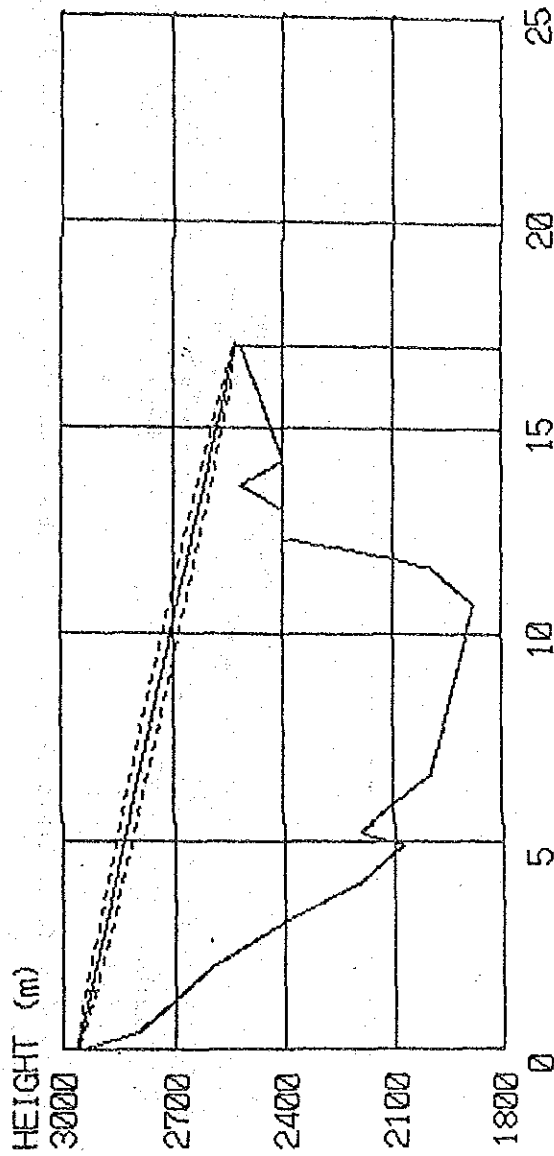
SITE NAME : J.AL QABRAYN DISTANCE : 12.2 km SITE NAME : AL HAMMAMI
 GROUND LEVEL : 2948.0 m GROUND LEVEL : 2040.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	7.8 Km	RIDGE HEIGHT	:	2320.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	18.8 m
CLEARANCE	:	61.0 m	CLEARANCE FAC.	:	3.2
FREE SPACE LOSS	:	121.8 dB	RIDGE LOSS	:	-0.3 dB
TOTAL LOSS	:	121.5 dB			

PROFILE No.	88
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 17 km

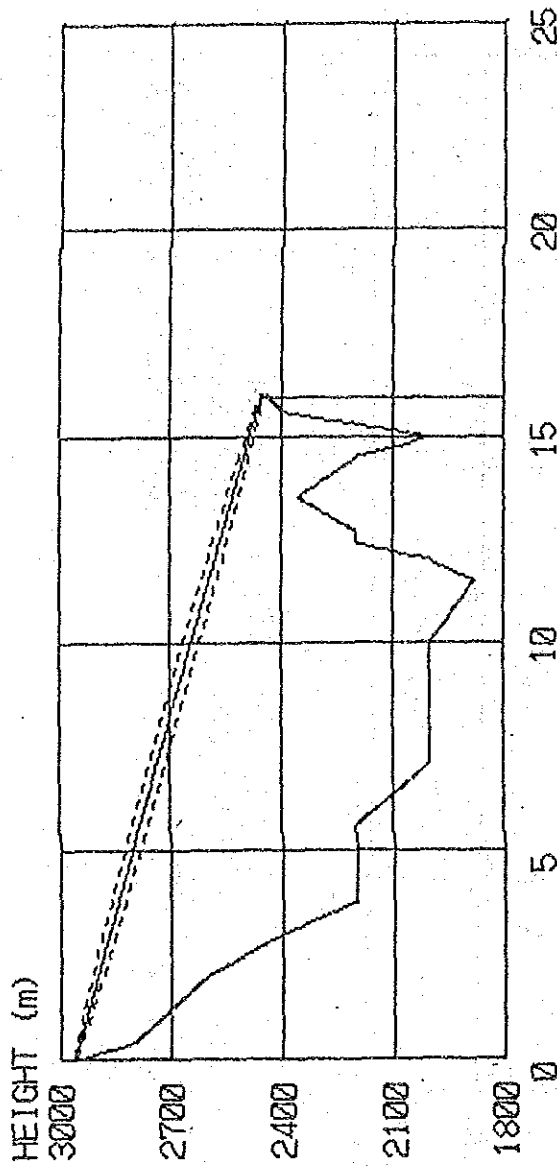
SITE NAME : J. AL GABRAYN SITE NAME : AL MABAR
 GROUND LEVEL : 2948.0 m GROUND LEVEL : 2520.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 13.6 Km	RIDGE HEIGHT : 2520.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 18.4 m
CLEARANCE : 93.9 m	CLEARANCE FAC. : 5.1
FREE SPACE LOSS : 124.7 dB	RIDGE LOSS : 0.2 dB
TOTAL LOSS : 124.9 dB	

PROFILE No.	89
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 16 km

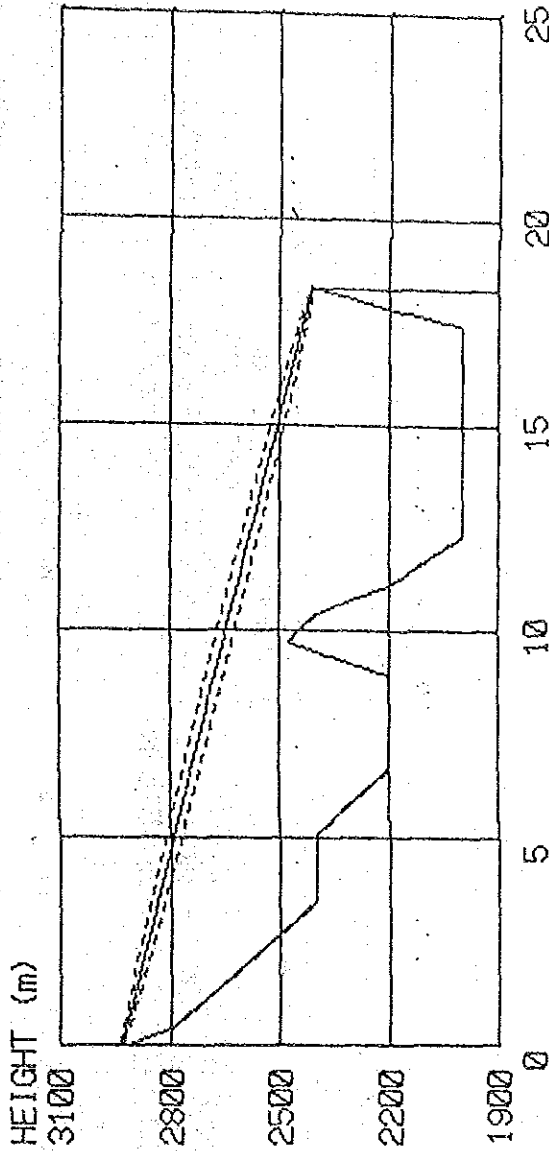
S I T E N A M E : J. A L Q A B R A Y N S I T E N A M E : A L J A H S H I
 G R O U N D L E V E L : 2948.0 m G R O U N D L E V E L : 2440.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1	:	15.0 m	A N T . H E I G H T 2	:	10.0 m
C R I T I C A L P O I N T	:	15.6 Km	R I D G E H E I G H T	:	2400.0 m
T R E E H E I G H T	:	0.0 m	F R E S N E L D E P .	:	7.0 m
C L E A R A N C E	:	62.5 m	C L E A R A N C E F A C .	:	8.9
F R E E S P A C E L O S S	:	124.1 dB	R I D G E L O S S	:	0.1 dB
T O T A L L O S S	:	124.2 dB			

P R O F I L E N o.	90
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 18.3 km

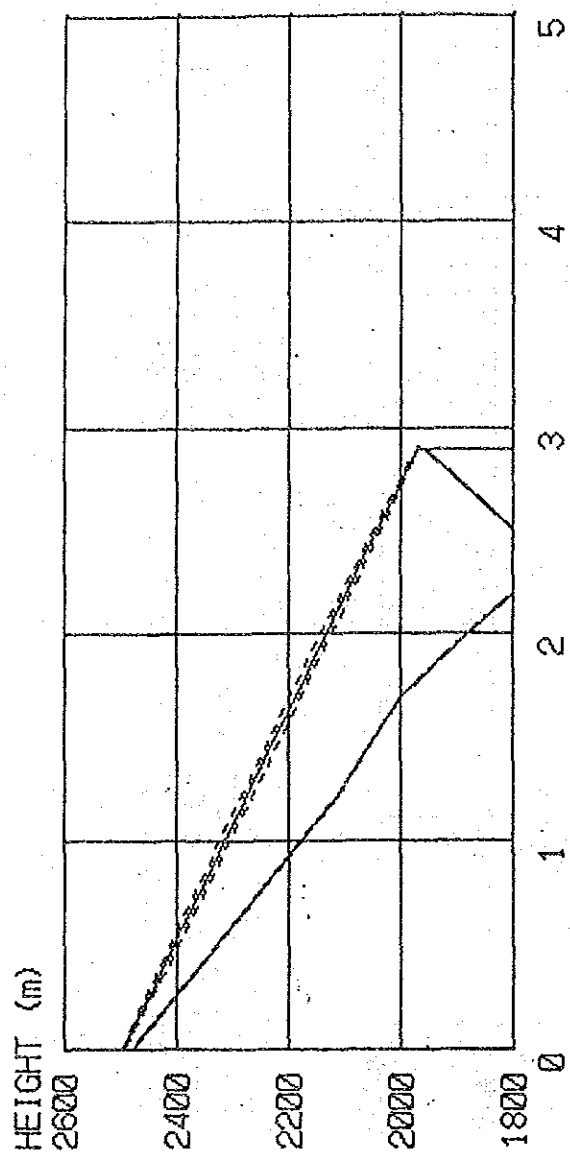
SITE NAME : J. AL GABRAYN SITE NAME : AR RABAI
 GROUND LEVEL : 2920.0 m GROUND LEVEL : 2400.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	9.7 Km	:	RIDGE HEIGHT	:	2480.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	23.9 m
CLEARANCE	:	171.8 m	:	CLEARANCE FAC.	:	7.2
FREE SPACE LOSS	:	125.3 dB	:	RIDGE LOSS	:	0.2 dB
TOTAL LOSS	:	125.5 dB	:		:	

PROFILE No.	91
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 2.9 km

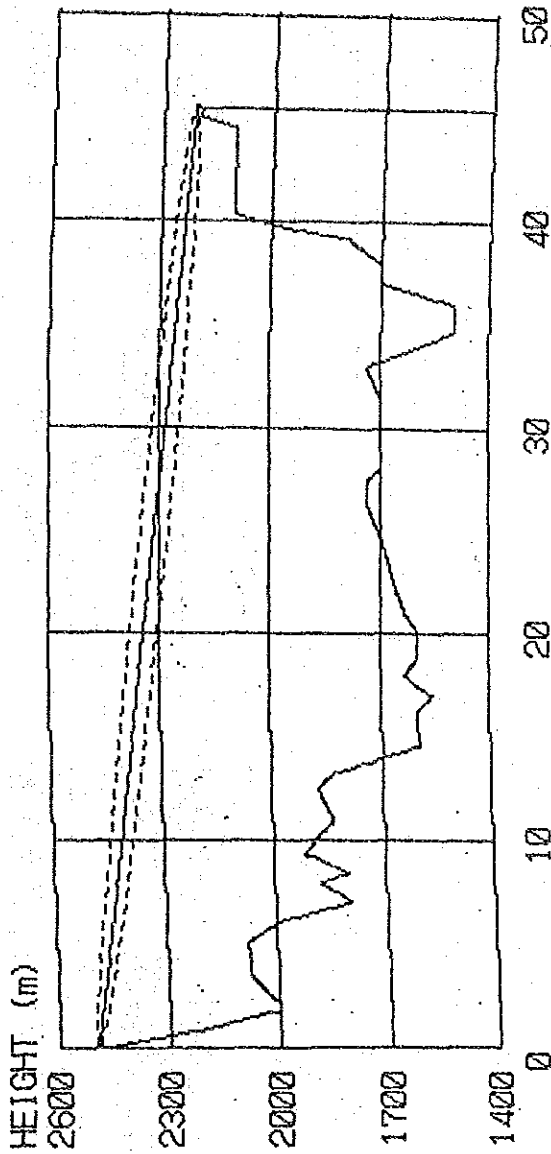
SITE NAME : J.SAID	SITE NAME : NAJD AL JUMAI
GROUND LEVEL : 2480.0 m	GROUND LEVEL : 1960.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 1.2 Km	RIDGE HEIGHT : 2120.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 9.4 m
CLEARANCE : 157.6 m	CLEARANCE FAC. : 16.8
FREE SPACE LOSS : 109.3 dB	RIDGE LOSS : -0.1 dB
TOTAL LOSS : 109.2 dB	

PROFILE No.	92
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 45.5 km

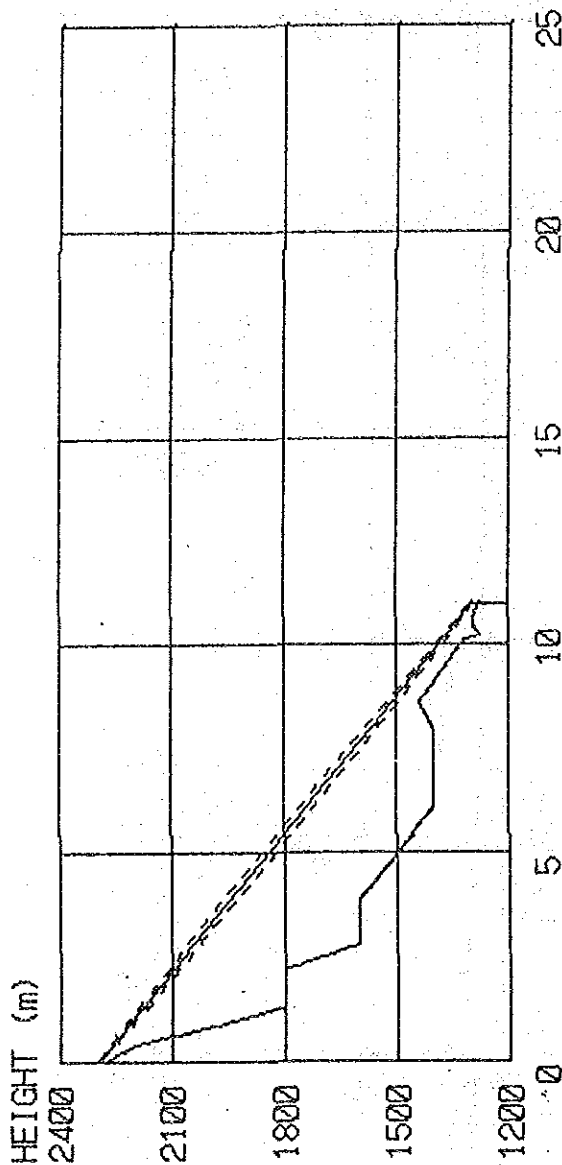
SITE NAME : J. SAID SITE NAME : MURRAYSI
 GROUND LEVEL : 2480.0 m GROUND LEVEL : 2200.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 45.0 Km	RIDGE HEIGHT	: 2200.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 7.9 m
CLEARANCE	: 11.8 m	CLEARANCE FAC.	: 1.5
FREE SPACE LOSS	: 133.2 dB	RIDGE LOSS	: -0.0 dB
TOTAL LOSS	: 133.2 dB		

PROFILE No.	93
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



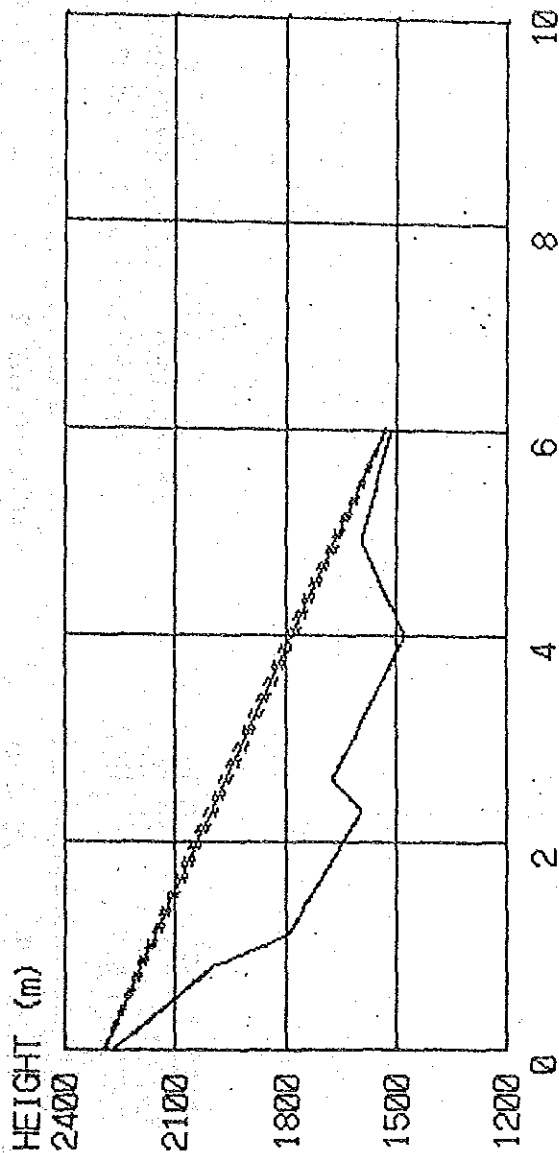
SITE NAME : MASHWARAH DISTANCE : 11 km SITE NAME : AL UDAYN
 GROUND LEVEL : 2280.0 m GROUND LEVEL : 1280.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	8.6 Km	RIDGE HEIGHT	:	1440.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	15.3 m
CLEARANCE	:	68.1 m	CLEARANCE FAC.	:	4.4
FREE SPACE LOSS	:	120.9 dB	RIDGE LOSS	:	0.3 dB
TOTAL LOSS	:	121.2 dB			

PROFILE No.	94
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 6 km

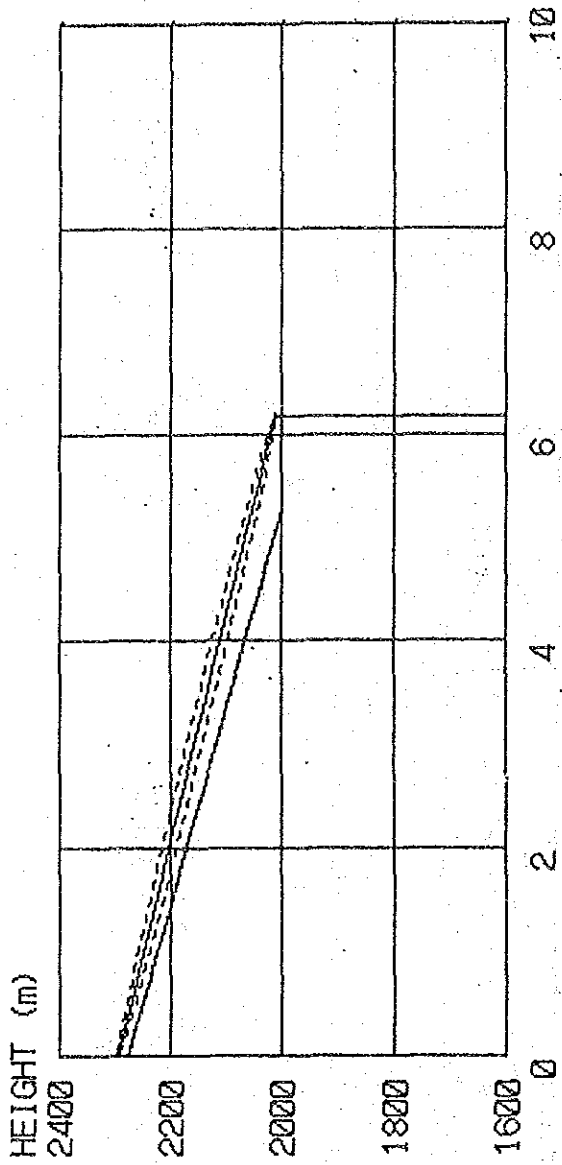
SITE NAME : MASHWARAH	SITE NAME : AL MARAKIB
GROUND LEVEL : 2280.0 m	GROUND LEVEL : 1520.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 4.9 Km	RIDGE HEIGHT : 1600.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 10.6 m
CLEARANCE : 69.9 m	CLEARANCE FAC. : 6.6
FREE SPACE LOSS : 115.6 dB	RIDGE LOSS : 0.2 dB
TOTAL LOSS : 115.8 dB	

PROFILE No.	95
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



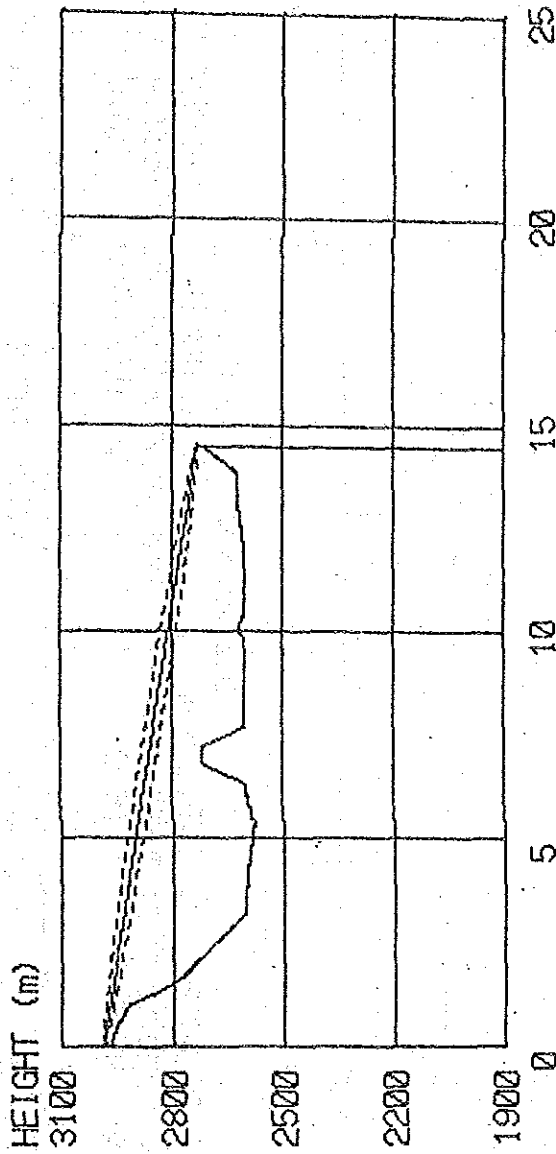
DISTANCE : 6.2 km
 SITE NAME : MASHWARAH SITE NAME : AKAMAT AS SAFANI
 GROUND LEVEL : 2280.0 m GROUND LEVEL : 2000.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	1.5 Km	:	RIDGE HEIGHT	:	2200.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	11.9 m
CLEARANCE	:	25.6 m	:	CLEARANCE FAC.	:	2.2
FREE SPACE LOSS	:	115.9 dB	:	RIDGE LOSS	:	-0.6 dB
TOTAL LOSS	:	115.3 dB	:		:	

PROFILE No.	96
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



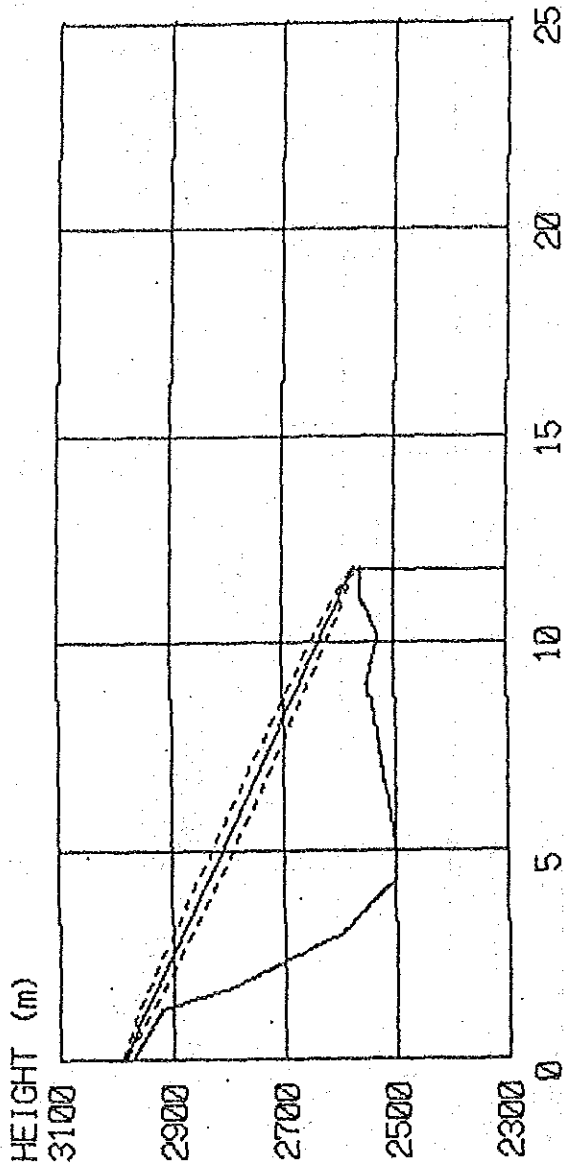
SITE NAME : J. SUMARAH D I S T A N C E : 14.5 km S I T E N A M E : DAKHLAT UWAYDAYN
 G R O U N D L E V E L : 2973.0 m G R O U N D L E V E L : 2720.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	0.4 Km	RIDGE HEIGHT	:	2960.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	7.0 m
CLEARANCE	:	20.6 m	CLEARANCE FAC.	:	2.9
FREE SPACE LOSS	:	123.3 dB	RIDGE LOSS	:	-0.4 dB
TOTAL LOSS	:	122.8 dB			

PROFILE No.	97
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



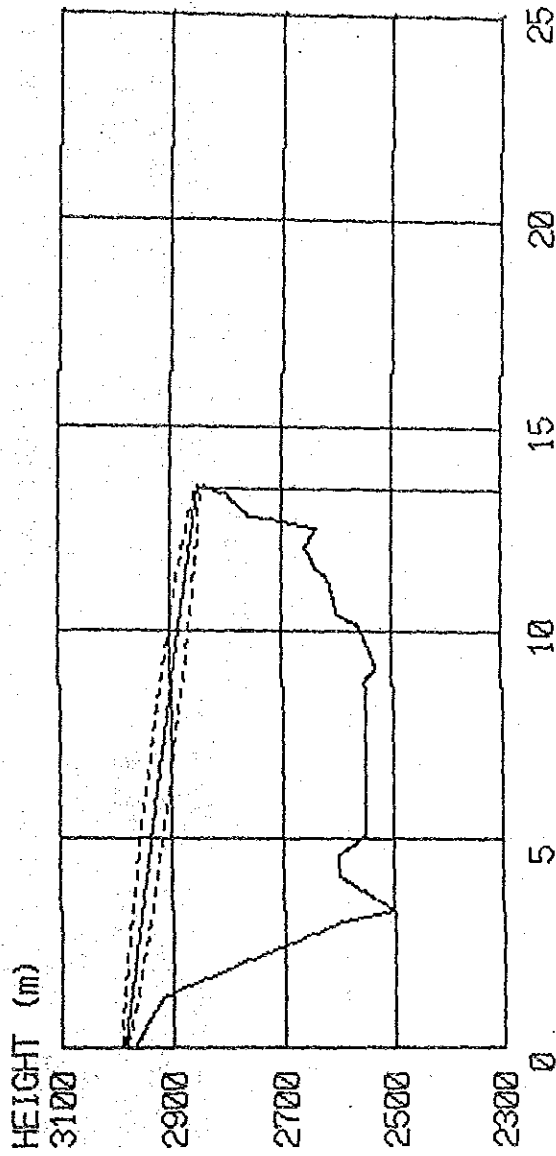
SITE NAME : J. SUMARAH DISTANCE : 11.8 km SITE NAME : DHI SARIF
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2560.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 1.2 Km	RIDGE HEIGHT	: 2920.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 11.6 m
CLEARANCE	: 24.7 m	CLEARANCE FAC.	: 2.1
FREE SPACE LOSS	: 121.5 dB	RIDGE LOSS	: -0.5 dB
TOTAL LOSS	: 121.0 dB		

PROFILE No.	98
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 13.5 km

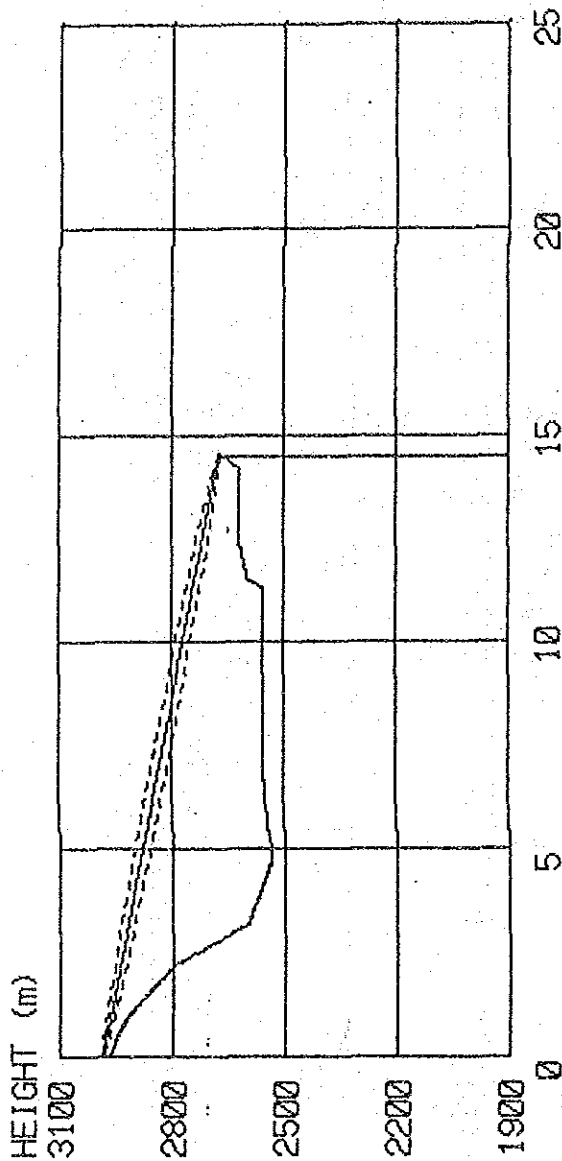
SITE NAME : J. SUMARAH	SITE NAME : J. MUTAYR
GROUND LEVEL : 2973.0 m	GROUND LEVEL : 2840.0 m
ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 0.3 Km	RIDGE HEIGHT : 2960.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 6.1 m
CLEARANCE : 24.7 m	CLEARANCE FAC. : 4.1
FREE SPACE LOSS : 122.7 dB	RIDGE LOSS : -0.3 dB
TOTAL LOSS : 122.4 dB	

PROFILE No.	99
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



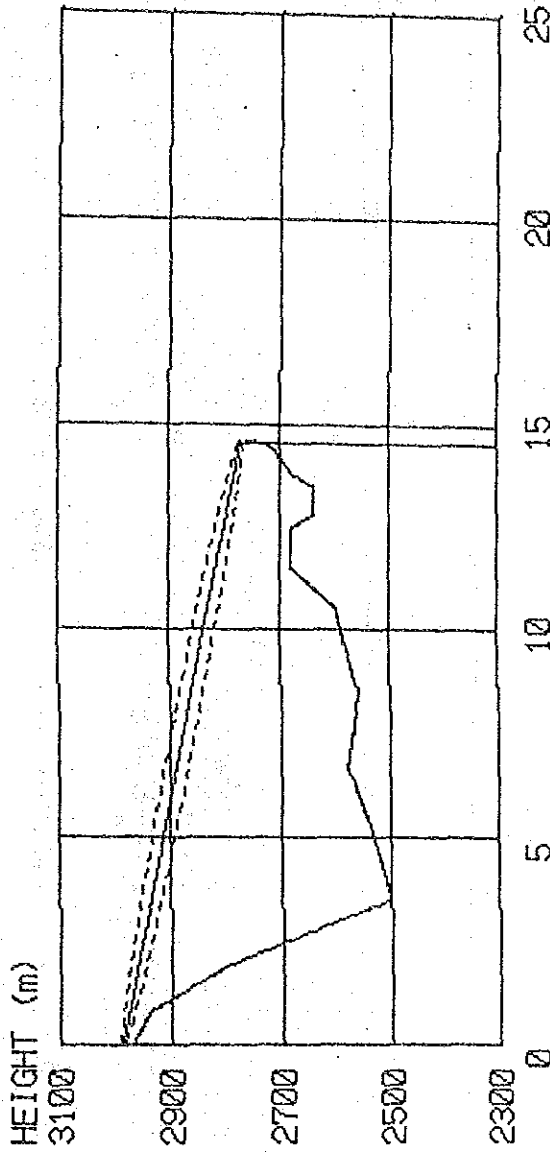
SITE NAME : J.SUMARAH DISTANCE : 14.5 km SITE NAME : HADDAT ULAYS
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2660.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 0.3 Km	RIDGE HEIGHT	: 2960.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 6.1 m
CLEARANCE	: 21.2 m	CLEARANCE FAC.	: 3.5
FREE SPACE LOSS	: 123.3 dB	RIDGE LOSS	: 0.1 dB
TOTAL LOSS	: 123.3 dB		

PROFILE No.	100
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PROFILE

(K: 1.33 FREQUENCY: 2400 MHz)



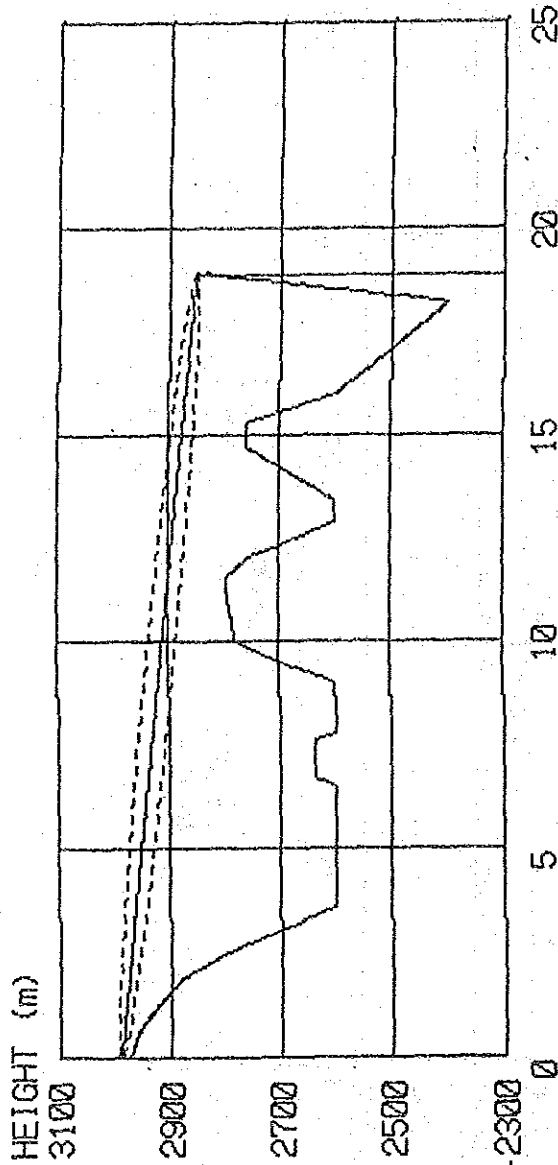
SITE NAME : J. SUMARAH DISTANCE : 14.6 km SITE NAME : BAYT AL ASHWAL
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2760.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	0.8 Km	RIDGE HEIGHT	:	2940.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	9.7 m
CLEARANCE	:	35.4 m	CLEARANCE FAC.	:	3.6
FREE SPACE LOSS	:	123.3 dB	RIDGE LOSS	:	0.0 dB
TOTAL LOSS	:	123.4 dB			

PROFILE No.	101
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 18.9 km

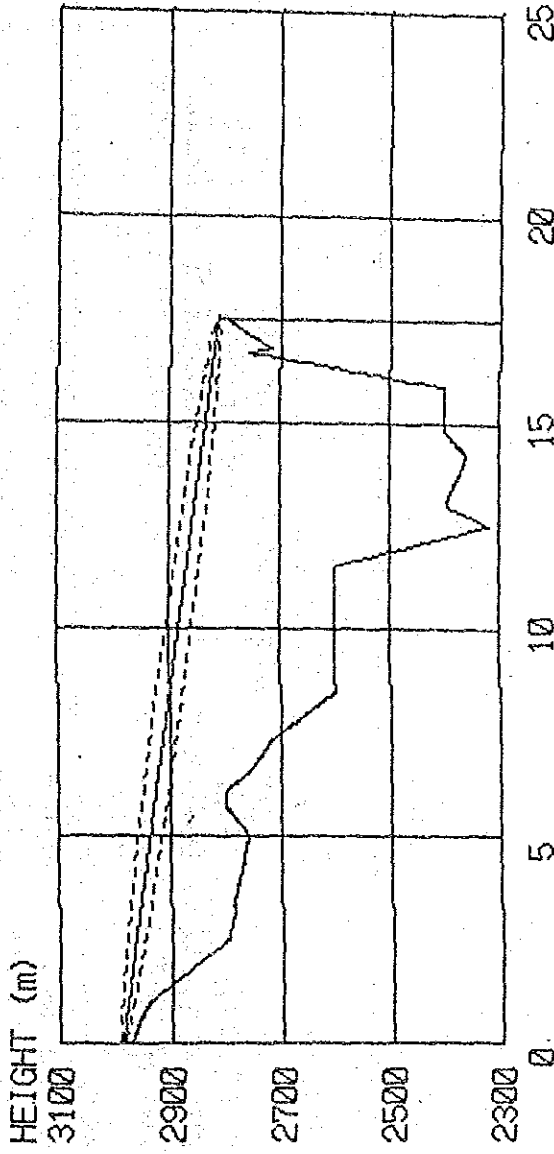
SITE NAME : J. SUMARAH SITE NAME : AL MISOAH
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2840.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 0.6 Km	RIDGE HEIGHT	: 2960.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 8.5 m
CLEARANCE	: 23.0 m	CLEARANCE FAC.	: 2.7
FREE SPACE LOSS	: 125.6 dB	RIDGE LOSS	: 0.0 dB
TOTAL LOSS	: 125.6 dB		

PROFILE No.	102
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 17.5 km

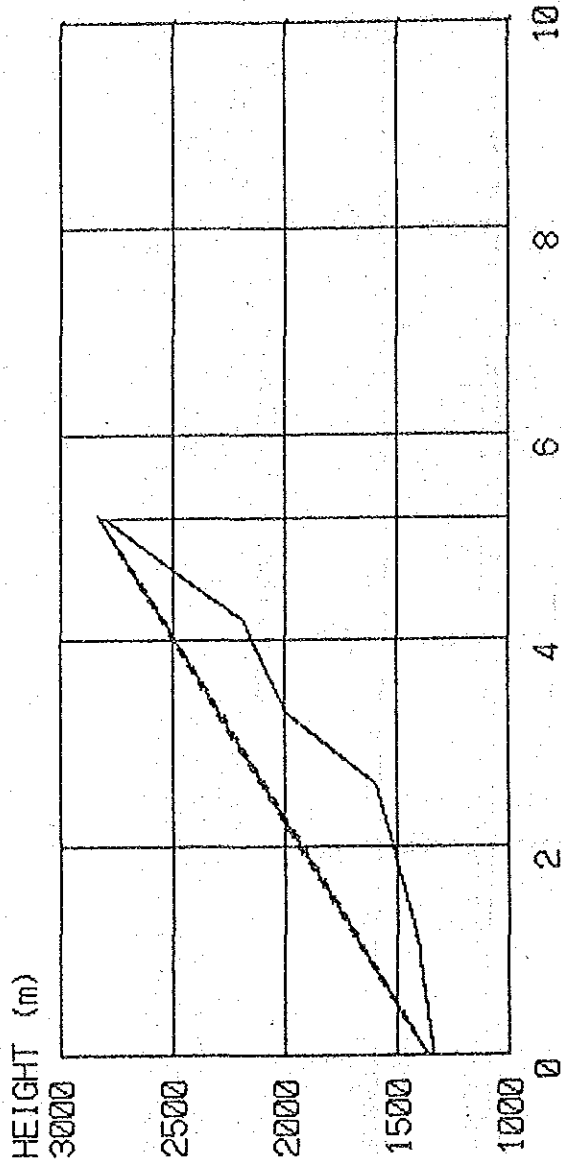
SITE NAME : J. SUMARAH SITE NAME : AL MAGALIH
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2800.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	0.5 Km	:	RIDGE HEIGHT	:	2960.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	7.8 m
CLEARANCE	:	22.4 m	:	CLEARANCE FAC.	:	2.9
FREE SPACE LOSS	:	124.9 dB	:	RIDGE LOSS	:	-0.0 dB
TOTAL LOSS	:	124.9 dB	:		:	

PROFILE No.	103
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



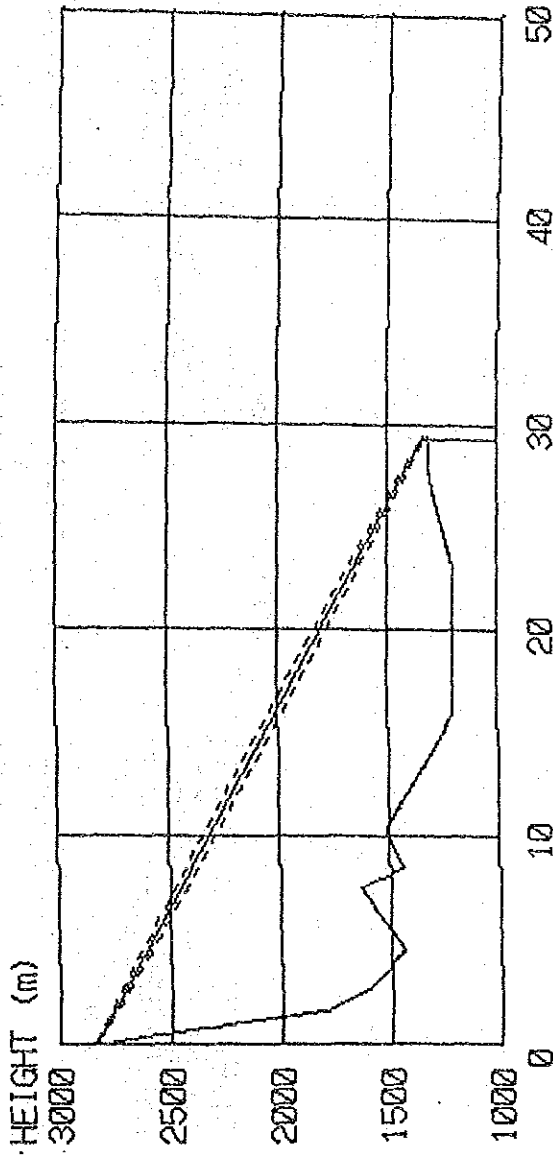
DISTANCE : 5.2 km
 SITE NAME : ARUS(O/H)
 GROUND LEVEL : 1345.0 m GROUND LEVEL : 2820.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 0.9 Km	RIDGE HEIGHT : 1400.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 9.6 m
CLEARANCE : 218.3 m	CLEARANCE FAC. : 22.6
FREE SPACE LOSS : 114.4 dB	RIDGE LOSS : -0.0 dB
TOTAL LOSS : 114.4 dB	

PROFILE No.	104
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 29.4 km

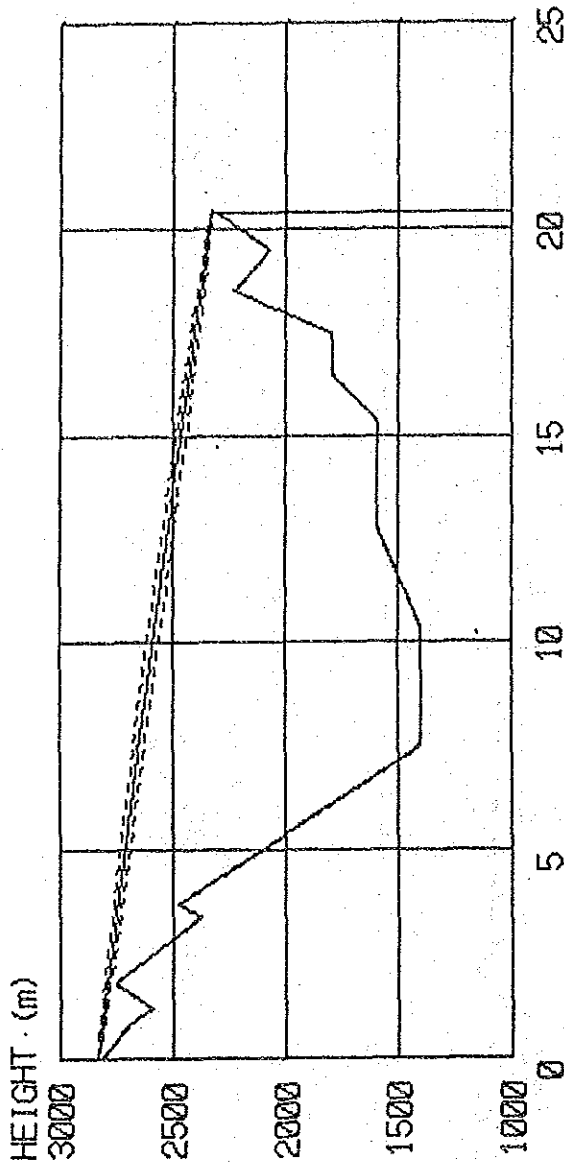
SITE NAME : ARUS (O/H) SITE NAME : H.OMAIMAH
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 1320.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	28.0 Km	:	RIDGE HEIGHT	:	1320.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	12.9 m
CLEARANCE	:	79.4 m	:	CLEARANCE FAC.	:	6.1
FREE SPACE LOSS	:	129.4 dB	:	RIDGE LOSS	:	0.2 dB
TOTAL LOSS	:	129.7 dB	:		:	

PROFILE No.	105
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



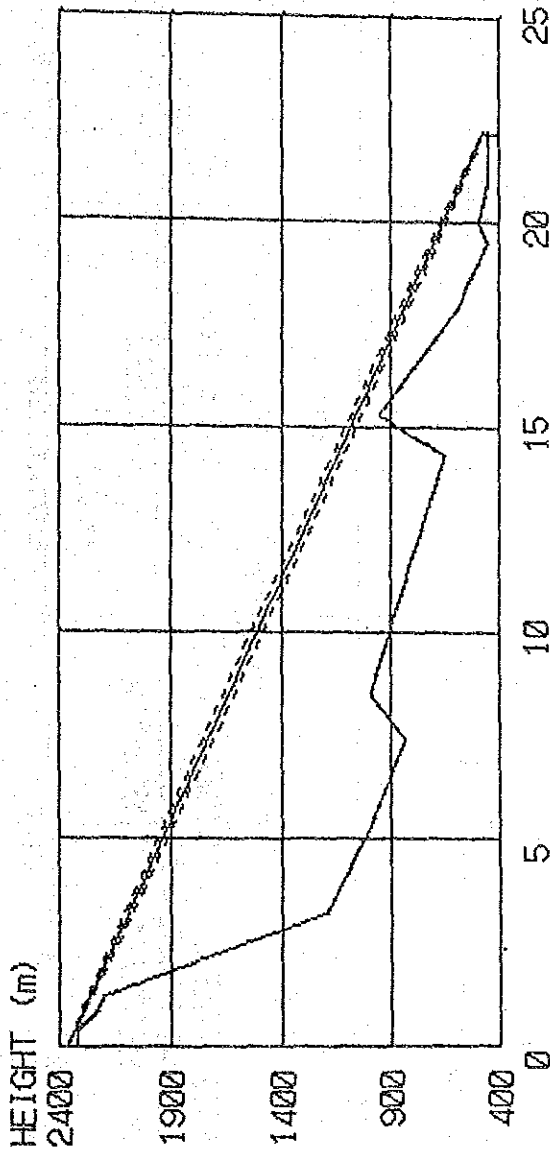
DISTANCE : 20.4 km
 SITE NAME : J. HABASHI
 GROUND LEVEL : 2320.0 m
 ANT.HEIGHT 1 : 15.0 m
 ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 1.8 Km	RIDGE HEIGHT	: 2760.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 14.3 m
CLEARANCE	: 28.5 m	CLEARANCE FAC.	: 2.0
FREE SPACE LOSS	: 126.3 dB	RIDGE LOSS	: 0.6 dB
TOTAL LOSS	: 126.8 dB		

PROFILE No.	106
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



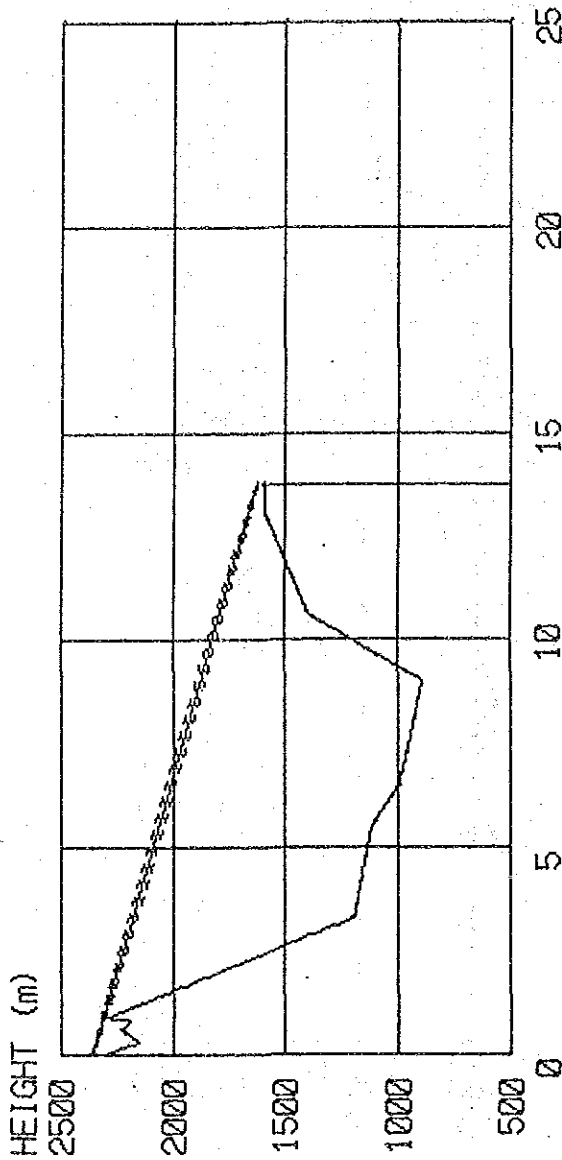
DISTANCE : 22.2 km
 SITE NAME : J. HABASHI SITE NAME : H. AN HANAN
 GROUND LEVEL : 2320.0 m GROUND LEVEL : 460.0 m
 ANT. HEIGHT 1 : 43.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	43.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	0.4 Km	:	RIDGE HEIGHT	:	2320.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	7.0 m
CLEARANCE	:	8.4 m	:	CLEARANCE FAC.	:	1.2
FREE SPACE LOSS	:	127.0 dB	:	RIDGE LOSS	:	0.5 dB
TOTAL LOSS	:	127.4 dB	:		:	

PROFILE No.	107
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



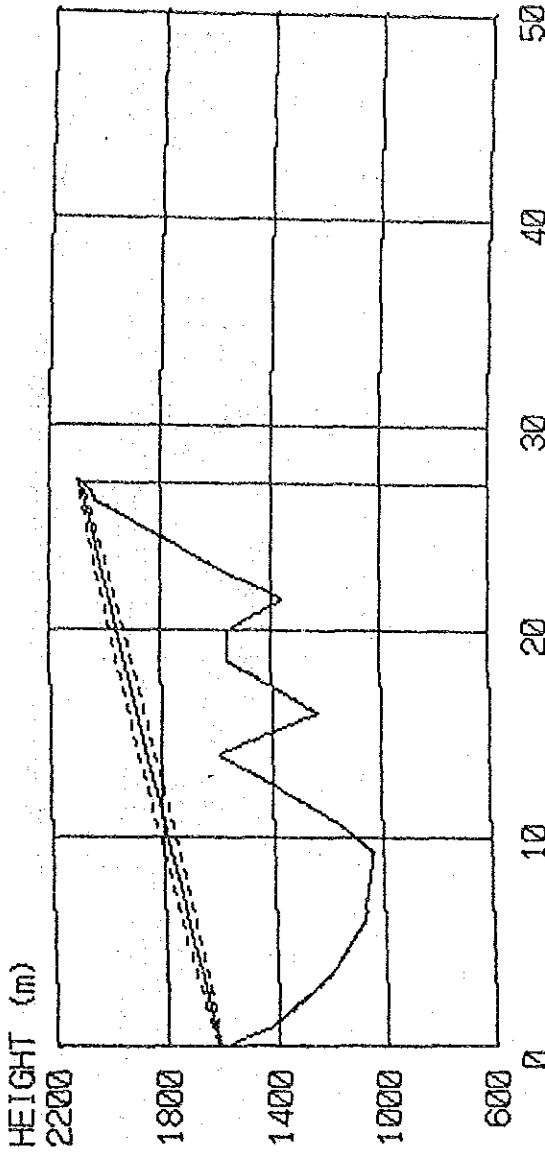
DISTANCE : 13.8 km
 SITE NAME : ARID
 GROUND LEVEL : 1600.0 m
 ANT.HEIGHT 1 : 43.0 m ANT.HEIGHT 2 : 15.0 m

ANT.HEIGHT 1	:	43.0 m	:	ANT.HEIGHT 2	:	15.0 m
CRITICAL POINT	:	0.9 Km	:	RIDGE HEIGHT	:	2303.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEF.	:	10.3 m
CLEARANCE	:	10.5 m	:	CLEARANCE FAC.	:	1.0
FREE SPACE LOSS	:	122.9 dB	:	RIDGE LOSS	:	-0.9 dB
TOTAL LOSS	:	122.0 dB	:		:	

PROFILE No.	108
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 27.2 km
 SITE NAME : J. SABARAN
 GROUND LEVEL : 2080.0 m
 ANT. HEIGHT 2 : 10.0 m

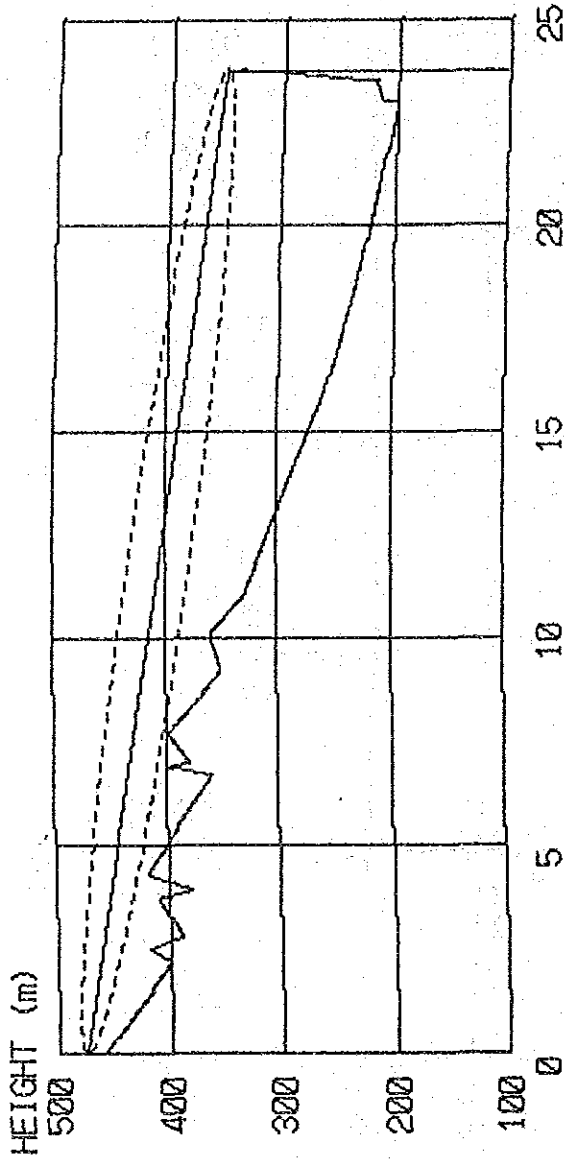
SITE NAME : ARID
 GROUND LEVEL : 1600.0 m
 ANT. HEIGHT 1 : 15.0 m

ANT. HEIGHT 1	:	15.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	26.2 Km	:	RIDGE HEIGHT	:	2040.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	11.0 m
CLEARANCE	:	31.0 m	:	CLEARANCE FAC.	:	2.8
FREE SPACE LOSS	:	128.8 dB	:	RIDGE LOSS	:	0.4 dB
TOTAL LOSS	:	129.1 dB	:		:	

PROFILE No.	109
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 23.8 km

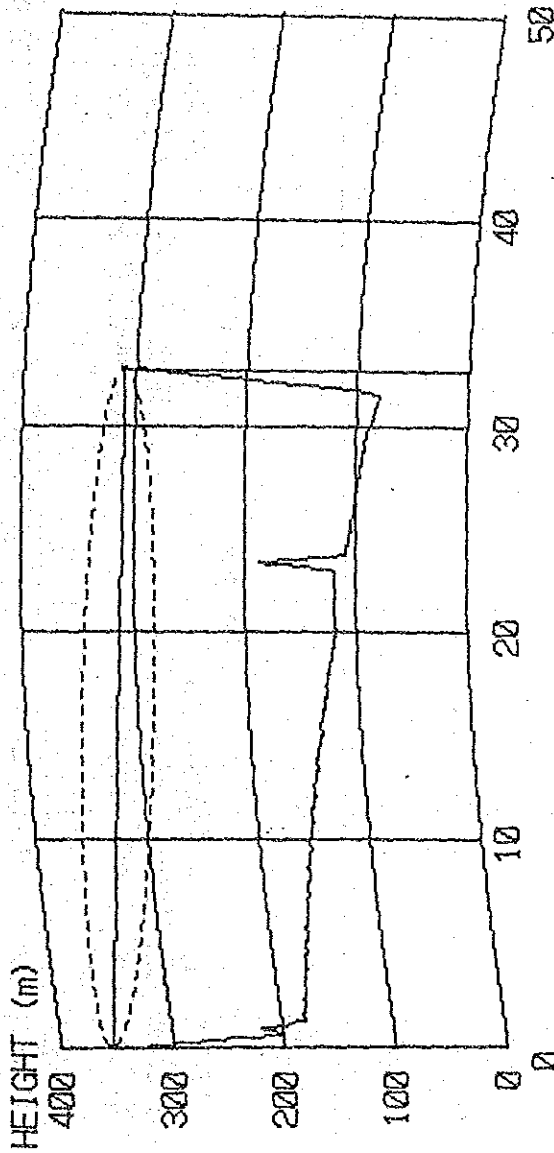
S I T E N A M E : H.AN HANAN S I T E N A M E : J.AN NAR
 G R O U N D L E V E L : 460.0 m G R O U N D L E V E L : 340.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1	:	15.0 m	:	A N T . H E I G H T 2	:	10.0 m
C R I T I C A L P O I N T	:	7.7 Km	:	R I D G E H E I G H T	:	400.0 m
T R E E H E I G H T	:	0.0 m	:	F R E S N E L D E P .	:	25.5 m
C L E A R A N C E	:	27.3 m	:	C L E A R A N C E F A C .	:	1.1
F R E E S P A C E L O S S	:	127.6 dB	:	R I D G E L O S S	:	-0.6 dB
T O T A L L O S S	:	127.0 dB	:		:	

P R O F I L E N o .	110
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



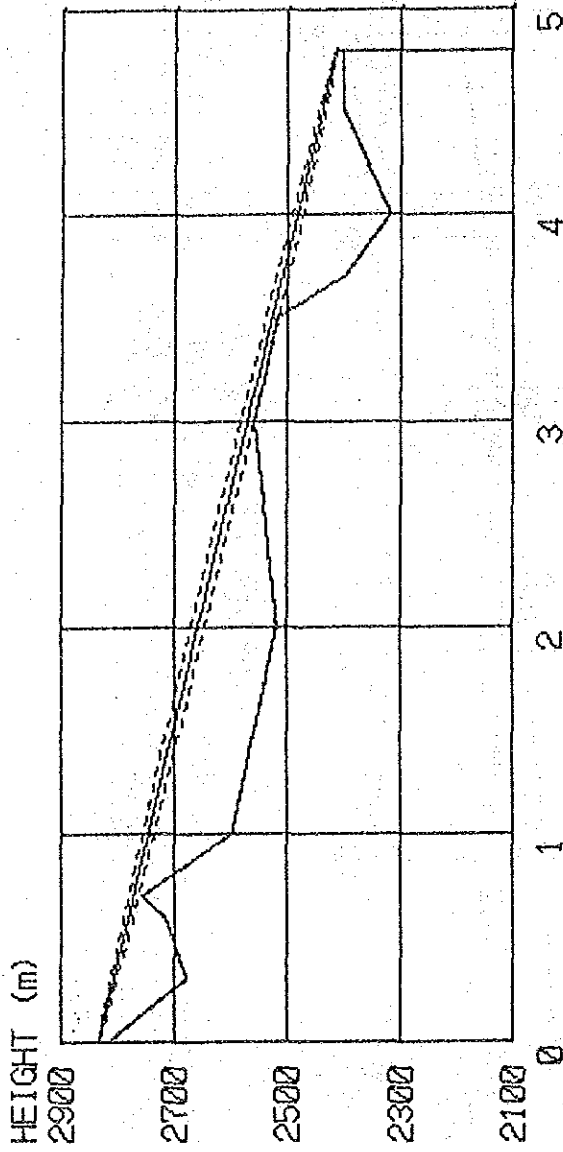
DISTANCE : 32.8 km
 SITE NAME : J. AL UMARI
 GROUND LEVEL : 300.0 m
 ANT. HEIGHT 2 : 10.0 m
 SITE NAME : J. AN NAR
 GROUND LEVEL : 340.0 m
 ANT. HEIGHT 1 : 15.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 23.4 Km	RIDGE HEIGHT	: 189.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 29.0 m
CLEARANCE	: 120.9 m	CLEARANCE FAC.	: 4.2
FREE SPACE LOSS	: 130.4 dB	RIDGE LOSS	: 0.2 dB
TOTAL LOSS	: 130.6 dB		

PROFILE No.	111
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 4.8 km

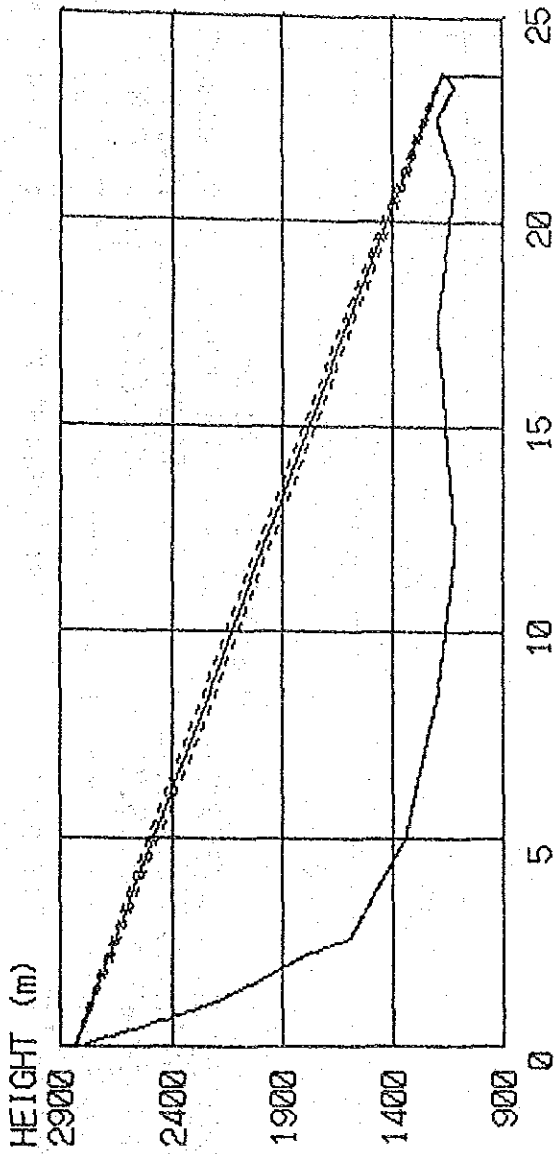
SITE NAME : ARUS(0/H)	SITE NAME : HADNAN
GROUND LEVEL : 2820.0 m	GROUND LEVEL : 2400.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 12.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 12.0 m
CRITICAL POINT	: 3.5 Km	RIDGE HEIGHT	: 2520.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 10.9 m
CLEARANCE	: 6.3 m	CLEARANCE FAC.	: 0.6
FREE SPACE LOSS	: 113.7 dB	RIDGE LOSS	: -0.2 dB
TOTAL LOSS	: 113.5 dB		

PROFILE No.	112
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 23.6 km

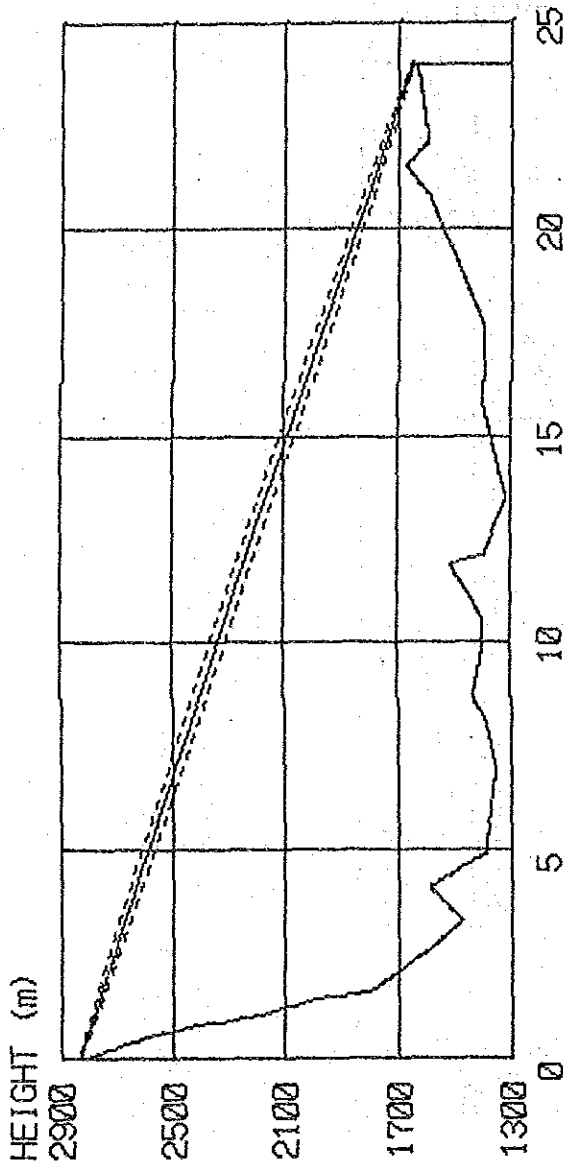
SITE NAME : ARUS (O/H) SITE NAME : AL HUSAYN
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 1160.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 22.5 Km	RIDGE HEIGHT : 1200.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 11.4 m
CLEARANCE : 46.1 m	CLEARANCE FAC. : 4.0
FREE SPACE LOSS : 127.5 dB	RIDGE LOSS : 0.0 dB
TOTAL LOSS : 127.5 dB	

PROFILE No.	113
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 24 km

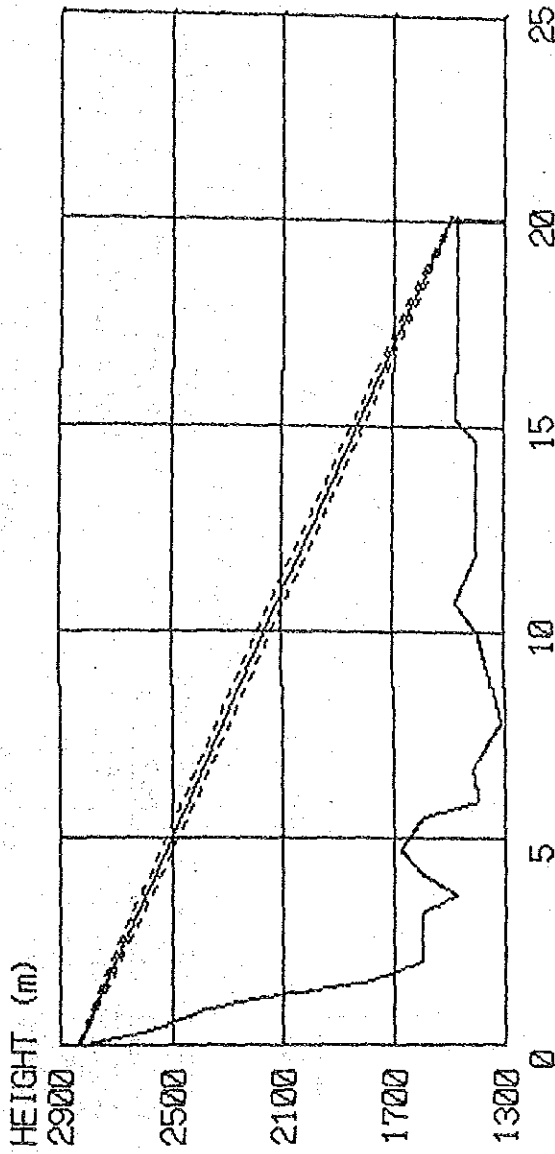
SITE NAME : ARUS (O/H) SITE NAME : AL AMAKIR
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 1640.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	21.5 Km	:	RIDGE HEIGHT	:	1680.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	16.7 m
CLEARANCE	:	90.3 m	:	CLEARANCE FAC.	:	5.4
FREE SPACE LOSS	:	127.7 dB	:	RIDGE LOSS	:	-0.1 dB
TOTAL LOSS	:	127.6 dB	:		:	

PROFILE No.	114
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



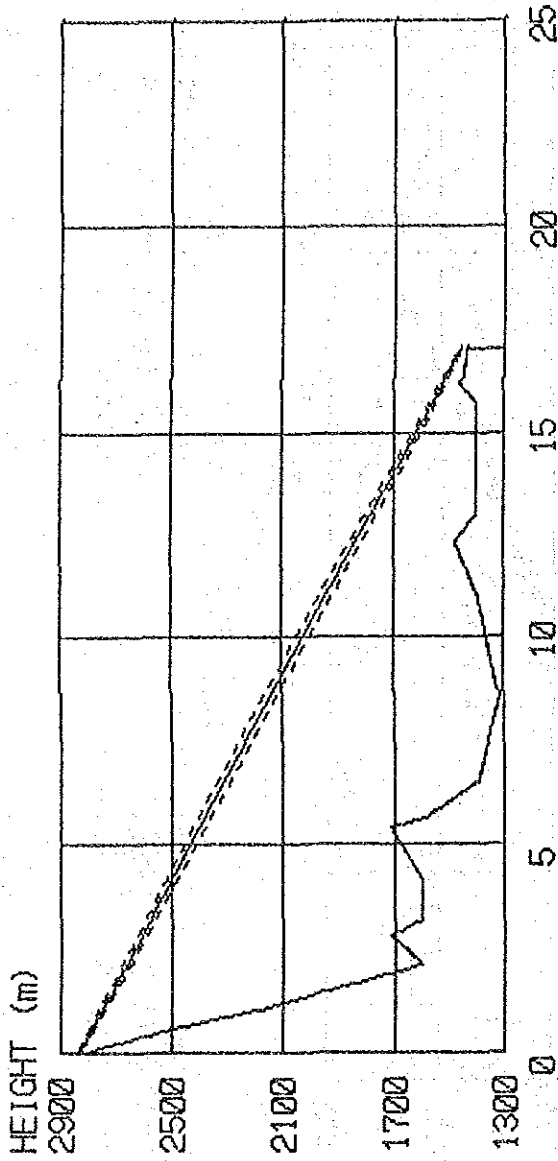
SITE NAME : ARUS (O/H) DISTANCE : 20.1 km
 GROUND LEVEL : 2820.0 m SITE NAME : AL AMAQI
 ANT.HEIGHT 1 : 15.0 m GROUND LEVEL : 1480.0 m
 ANT.HEIGHT 2 : 10.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	15.2 Km	RIDGE HEIGHT	:	1480.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	21.5 m
CLEARANCE	:	333.5 m	CLEARANCE FAC.	:	15.5
FREE SPACE LOSS	:	126.1 dB	RIDGE LOSS	:	0.0 dB
TOTAL LOSS	:	126.2 dB			

PROFILE No.	115
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



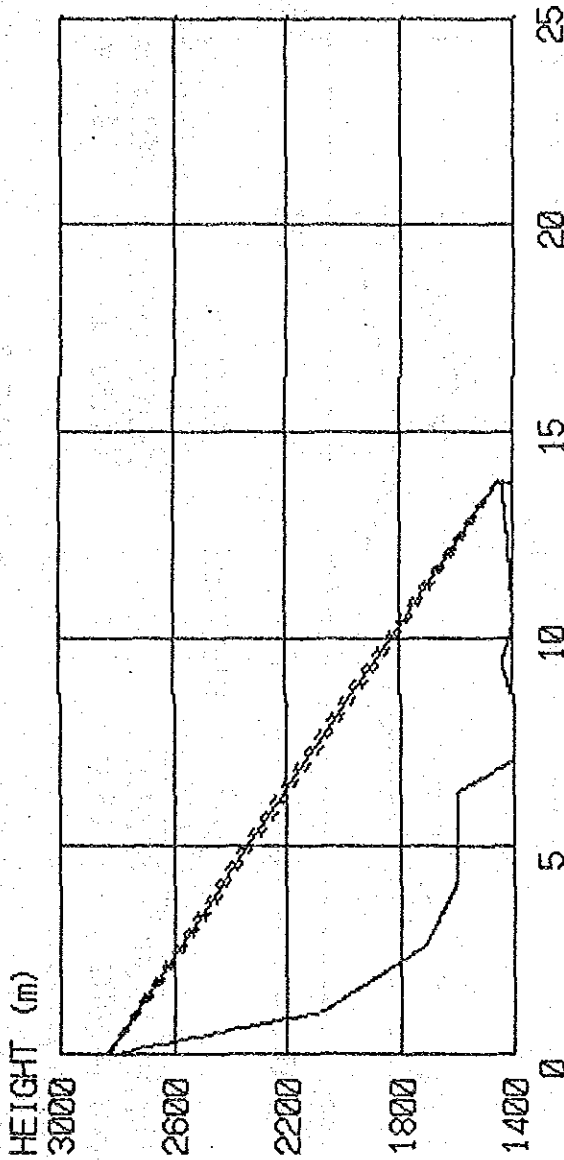
SITE NAME : ARJUS(O/H) DISTANCE : 17.1 km SITE NAME : QARAMAH
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 1440.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	16.2 Km	RIDGE HEIGHT	:	1460.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	10.3 m
CLEARANCE	:	62.0 m	CLEARANCE FAC.	:	6.0
FREE SPACE LOSS	:	124.7 dB	RIDGE LOSS	:	0.1 dB
TOTAL LOSS	:	124.8 dB			

PROFILE No.	116
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



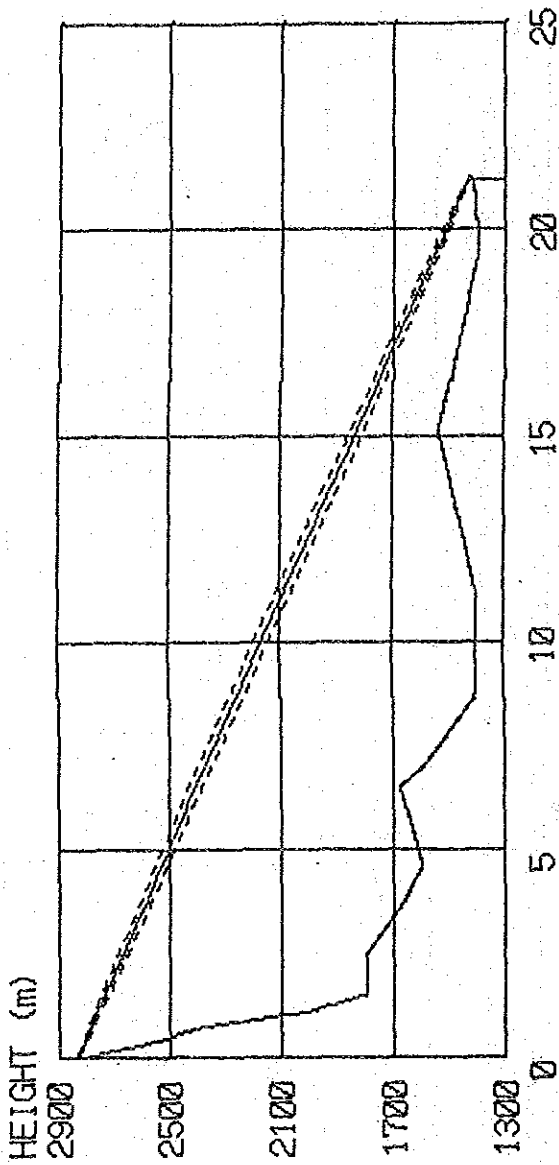
DISTANCE : 13.8 km
 SITE NAME : AS SAMKAR
 GROUND LEVEL : 1440.0 m
 ANT.HEIGHT 1 : 15.0 m
 ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 10.5 Km	RIDGE HEIGHT	: 1400.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 17.7 m
CLEARANCE	: 379.2 m	CLEARANCE FAC.	: 21.4
FREE SPACE LOSS	: 122.9 dB	RIDGE LOSS	: 0.0 dB
TOTAL LOSS	: 122.9 dB		

PROFILE No.	117
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 21.2 km

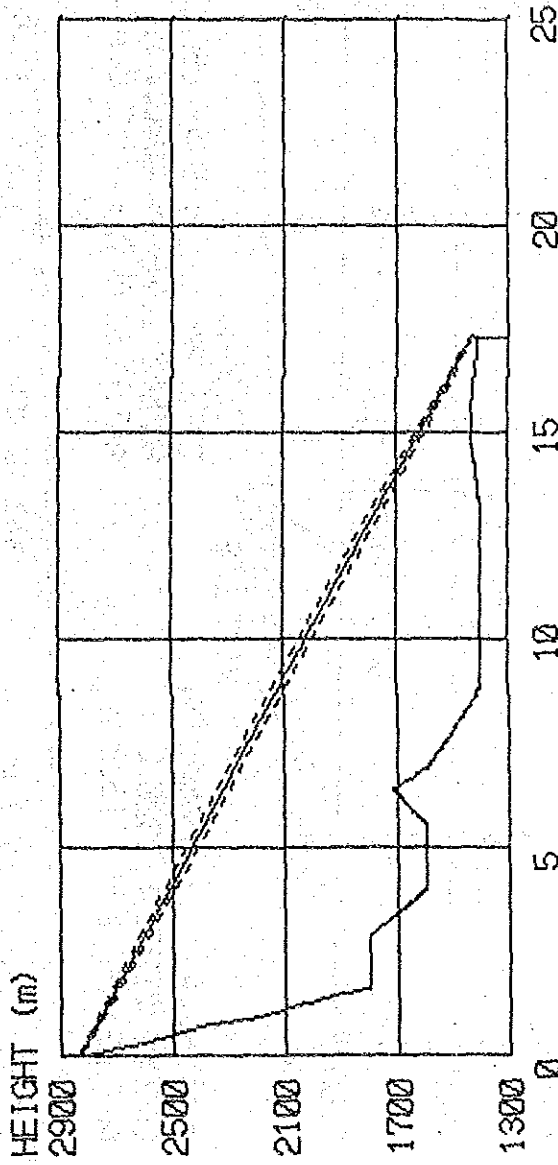
SITE NAME : ARUS (O/H) SITE NAME : AZ ZAHRAH
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 1420.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 19.5 Km	RIDGE HEIGHT	: 1400.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 14.0 m
CLEARANCE	: 140.7 m	CLEARANCE FAC.	: 10.1
FREE SPACE LOSS	: 126.6 dB	RIDGE LOSS	: 0.0 dB
TOTAL LOSS	: 126.6 dB		

PROFILE No.	118
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 17.3 km

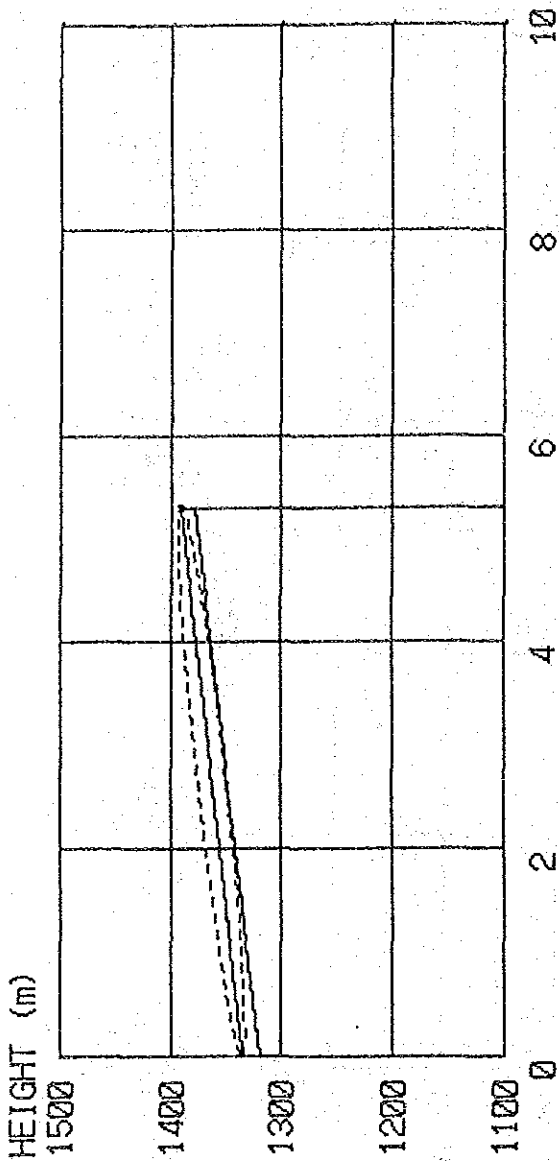
S I T E N A M E : A R U S (O/H) S I T E N A M E : A R A B A H
 G R O U N D L E V E L : 2820.0 m G R O U N D L E V E L : 1420.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1	:	15.0 m	A N T . H E I G H T 2	:	10.0 m
C R I T I C A L P O I N T	:	15.0 Km	R I D G E H E I G H T	:	1440.0 m
T R E E H E I G H T	:	0.0 m	F R E S N E L D E P .	:	15.8 m
C L E A R A N C E	:	174.8 m	C L E A R A N C E F A C .	:	11.1
F R E E S P A C E L O S S	:	124.8 dB	R I D G E L O S S	:	-0.1 dB
T O T A L L O S S	:	124.7 dB			

P R O F I L E N O .	119
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 5.3 km

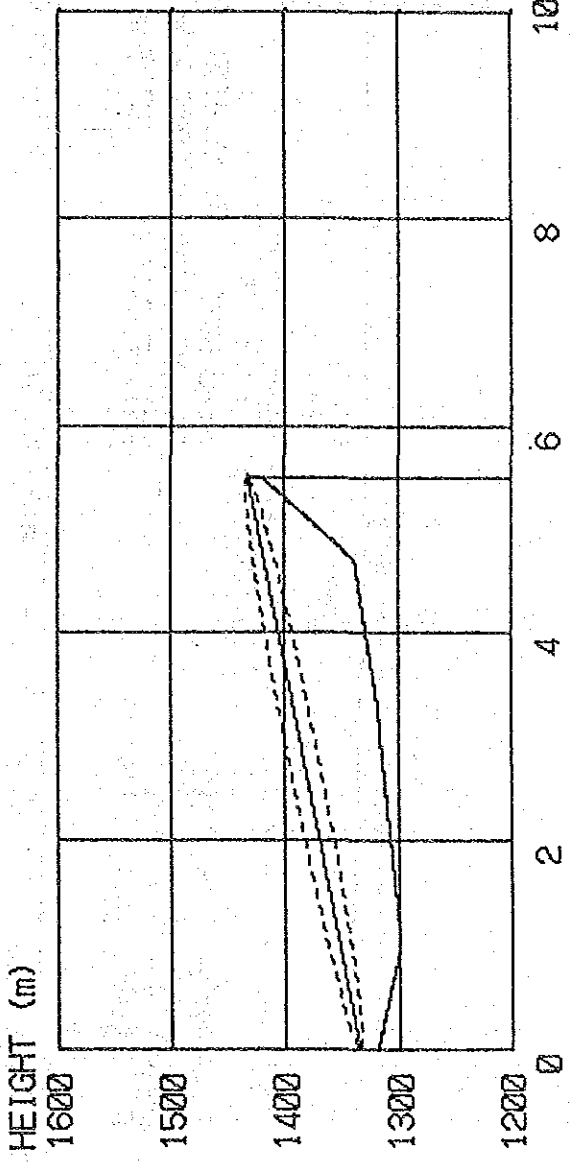
SITE NAME : H.OMAIMAH	SITE NAME : BAYT UBAYDAN
GROUND LEVEL : 1320.0 m	GROUND LEVEL : 1380.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 2.7 Km	RIDGE HEIGHT : 1350.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 12.9 m
CLEARANCE : 12.1 m	CLEARANCE FAC. : 0.9
FREE SPACE LOSS : 114.5 dB	RIDGE LOSS : -1.3 dB
TOTAL LOSS : 113.3 dB	

PROFILE No.	120
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 5.5 km

SITE NAME : H.OMAIMAH SITE NAME : QARYAT JARANI
 GROUND LEVEL : 1320.0 m GROUND LEVEL : 1420.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 1.0 Km	RIDGE HEIGHT	: 1300.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEF.	: 10.1 m
CLEARANCE	: 52.0 m	CLEARANCE FAC.	: 5.1
FREE SPACE LOSS	: 114.9 dB	RIDGE LOSS	: -0.2 dB
TOTAL LOSS	: 114.7 dB		

PROFILE No.	121
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