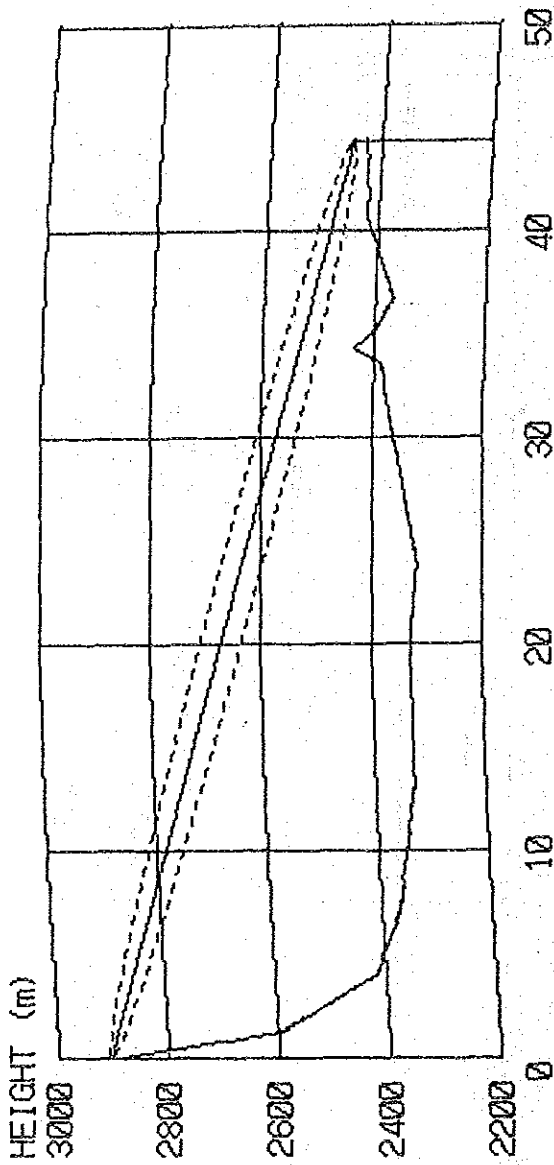


PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 44.4 km

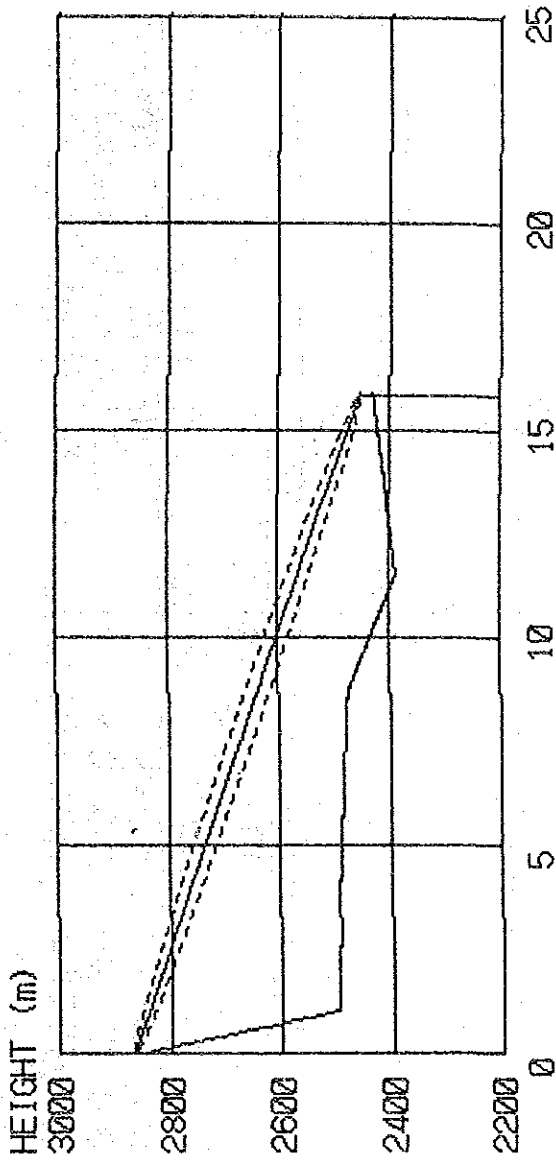
SITE NAME : J.YASLAK : DHAMAR
 GROUND LEVEL : 2894.0 m GROUND LEVEL : 2430.0 m
 ANT.HEIGHT 1 : 10.0 m ANT.HEIGHT 2 : 20.0 m

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)



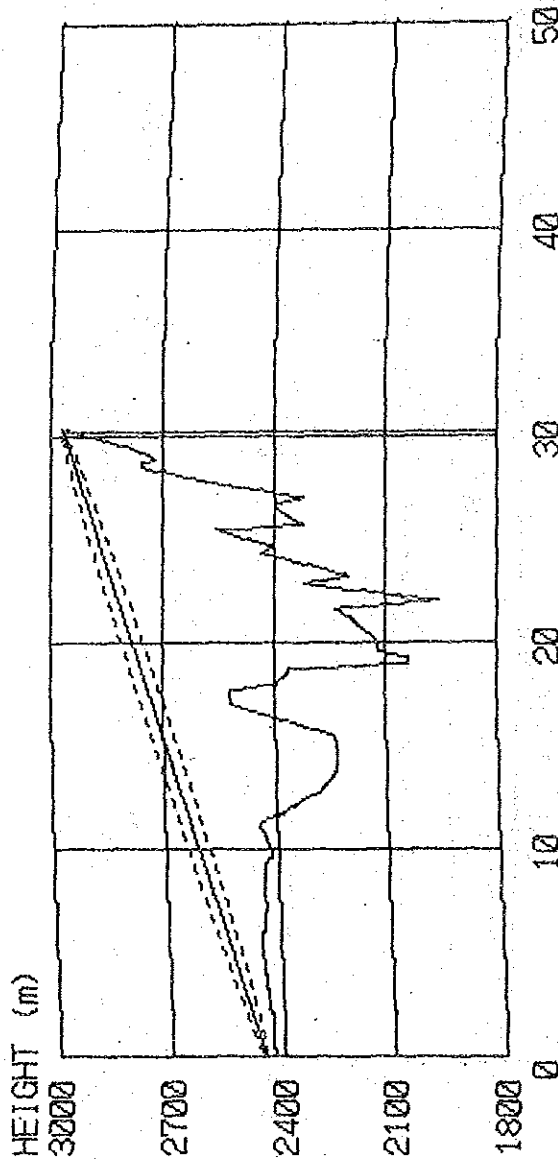
SITE NAME : J. AL LISI DISTANCE : 15.9 km SITE NAME : DHAMAR
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2430.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 20.0 m

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 DEP. : 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

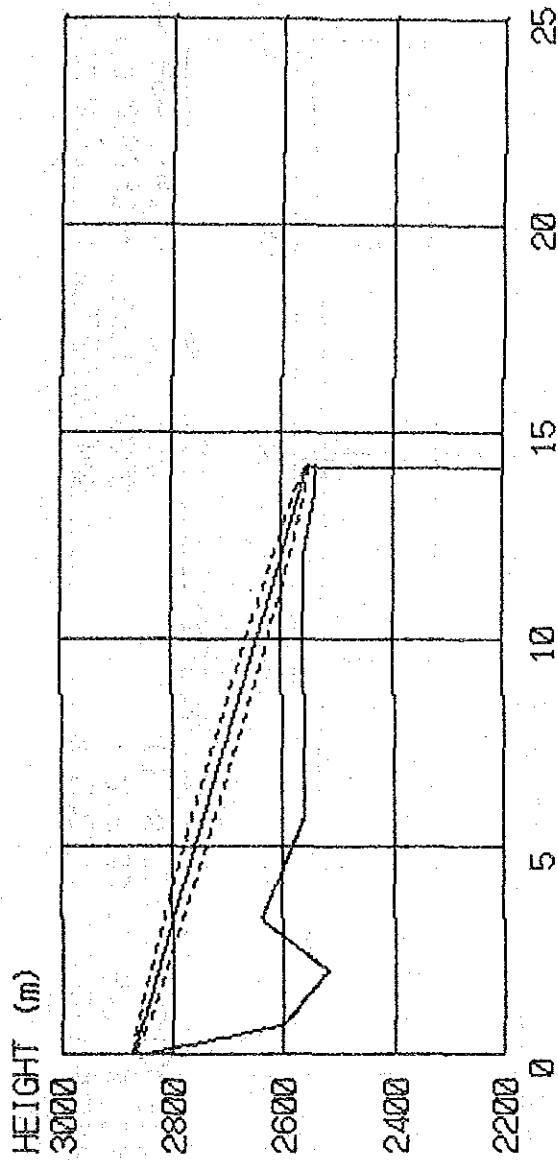
SITE NAME : DHAMAR	SITE NAME : J. MANARA
GROUND LEVEL : 2430.0 m	GROUND LEVEL : 2960.0 m
ANT. HEIGHT 1 : 20.0 m	ANT. HEIGHT 2 : 4.0 m

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)



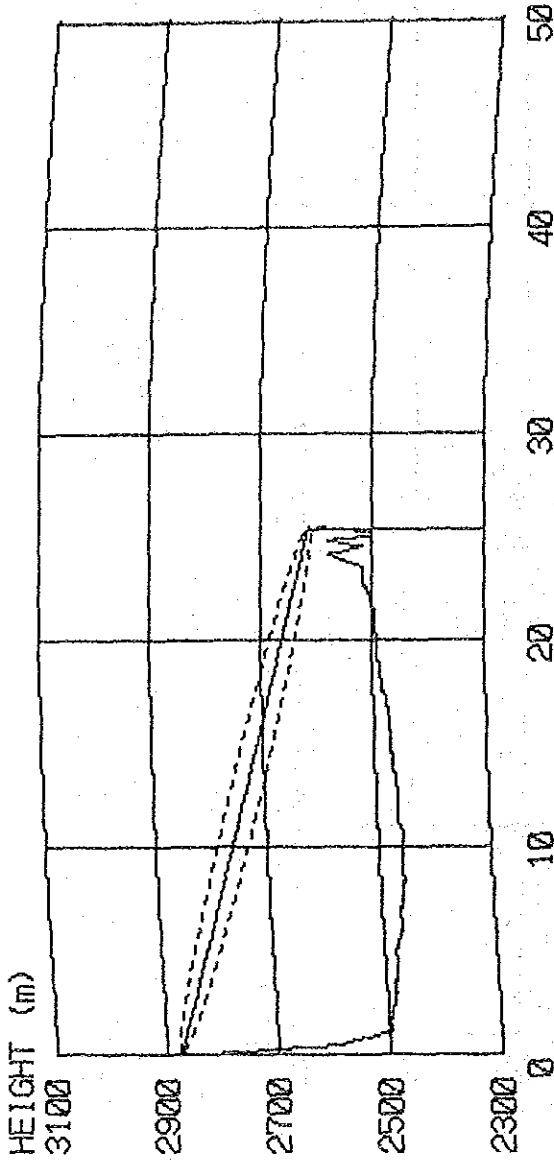
SITE NAME : J.AL LISI DISTANCE : 14.2 km
 GROUND LEVEL : 2852.0 m SITE NAME : AL HIJAH
 ANT.HEIGHT 1 : 20.0 m GROUND LEVEL : 2540.0 m
 ANT.HEIGHT 2 : 10.0 m ANT.HEIGHT 2 : 10.0 m

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)



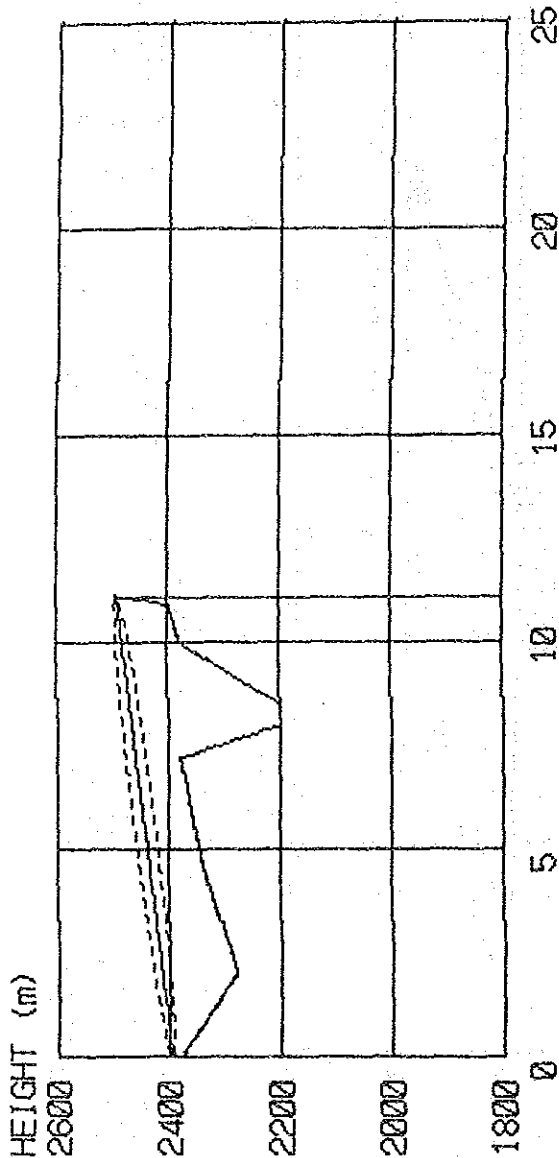
SITE NAME : J. AL LISI DISTANCE : 25.4 km SITE NAME : BAYT ASH SHAMI
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2600.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 24.1 Km	RIDGE HEIGHT : 2580.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 12.4 m
CLEARANCE : 41.6 m	CLEARANCE FAC. : 3.3
FREE SPACE LOSS : 128.2 dB	RIDGE LOSS : -0.1 dB
TOTAL LOSS : 128.1 dB	

PROFILE No.	30
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



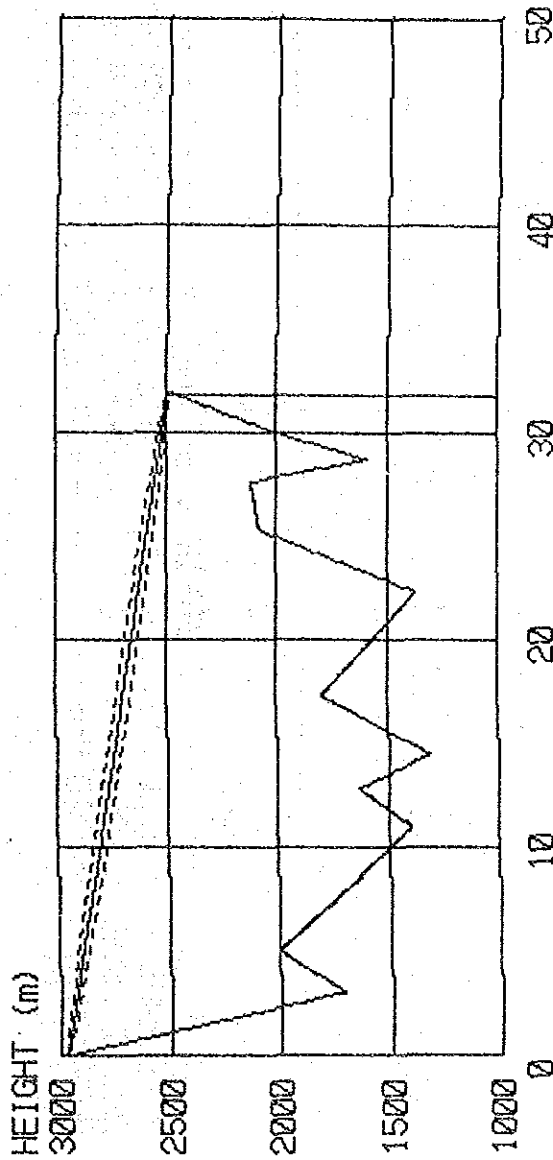
SITE NAME : J. AL MODBAAH DISTANCE : 11.1 km SITE NAME : ABU ATIF
 GROUND LEVEL : 2380.0 m GROUND LEVEL : 2480.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	7.2 Km	RIDGE HEIGHT	:	2380.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	17.8 m
CLEARANCE	:	75.0 m	CLEARANCE FAC.	:	4.2
FREE SPACE LOSS	:	121.0 dB	RIDGE LOSS	:	0.3 dB
TOTAL LOSS	:	121.3 dB			

PROFILE No.	32
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



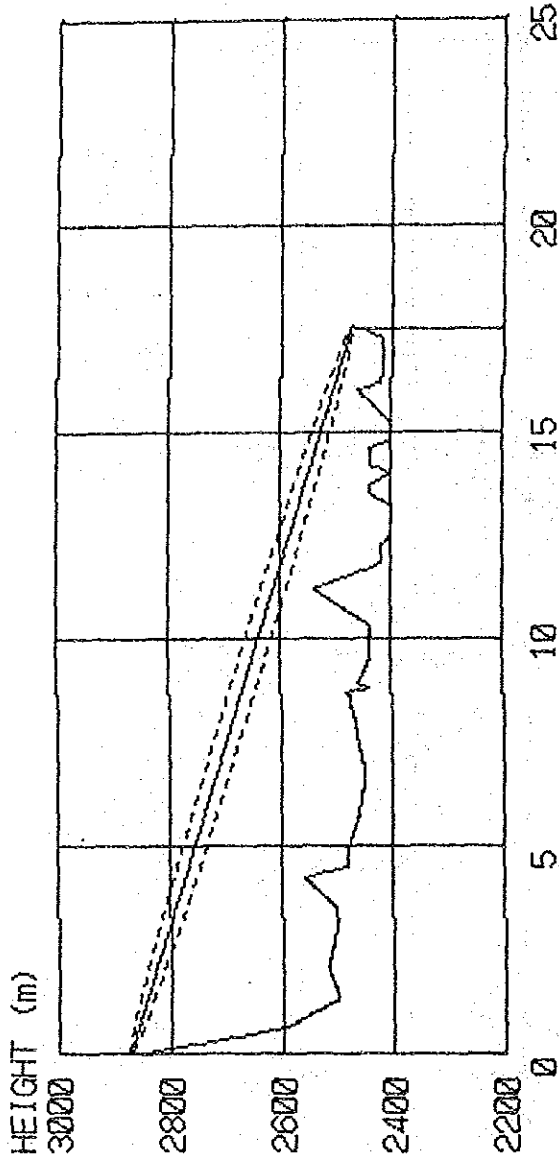
SITE NAME : J.MANARA	DISTANCE : 31.9 km
GROUND LEVEL : 2960.0 m	SITE NAME : AD DANN
ANT.HEIGHT 1 : 9.0 m	GROUND LEVEL : 2480.0 m
	ANT.HEIGHT 2 : 10.0 m

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)



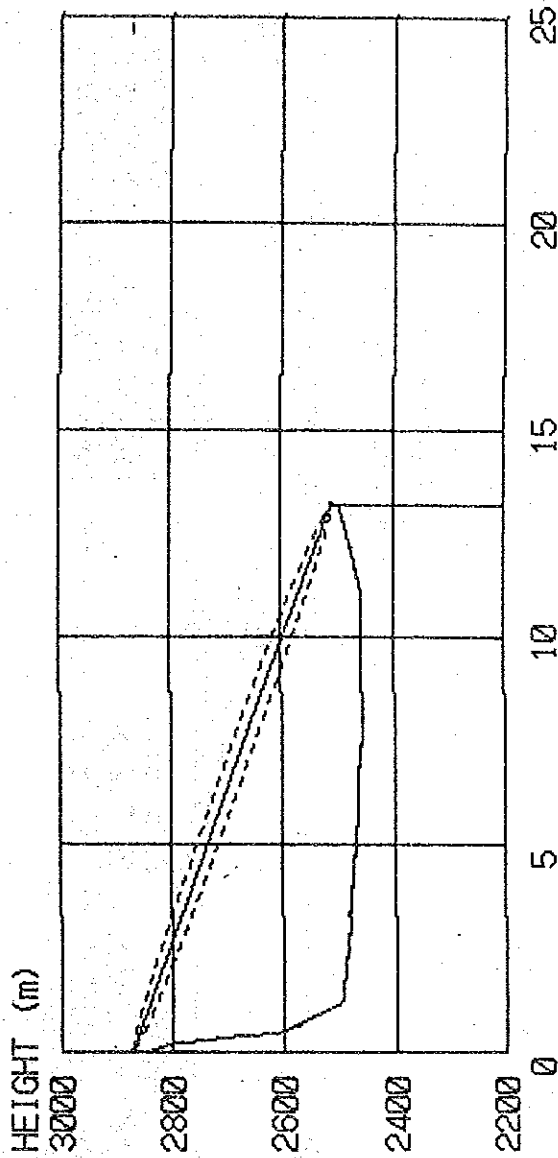
SITE NAME : J.AL LISI DISTANCE : 17.5 km
 GROUND LEVEL : 2852.0 m SITE NAME : AD DARAH
 ANT.HEIGHT 1 : 20.0 m GROUND LEVEL : 2460.0 m
 ANT.HEIGHT 2 : 10.0 m ANT.HEIGHT 2 : 10.0 m

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)



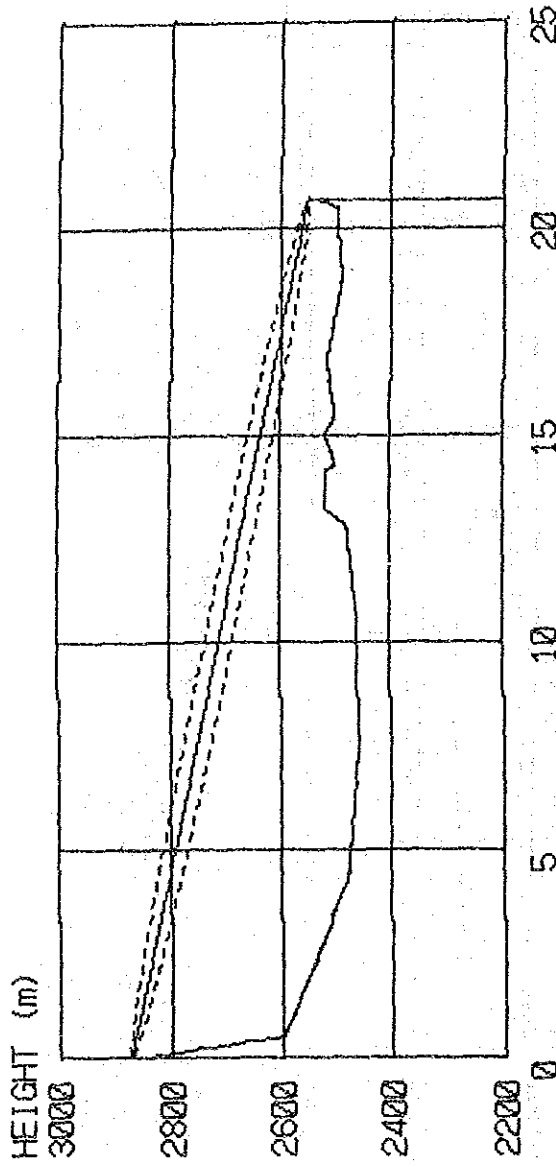
SITE NAME : J.AL LISI DISTANCE : 13.2 km SITE NAME : ABASIR
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2500.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

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)



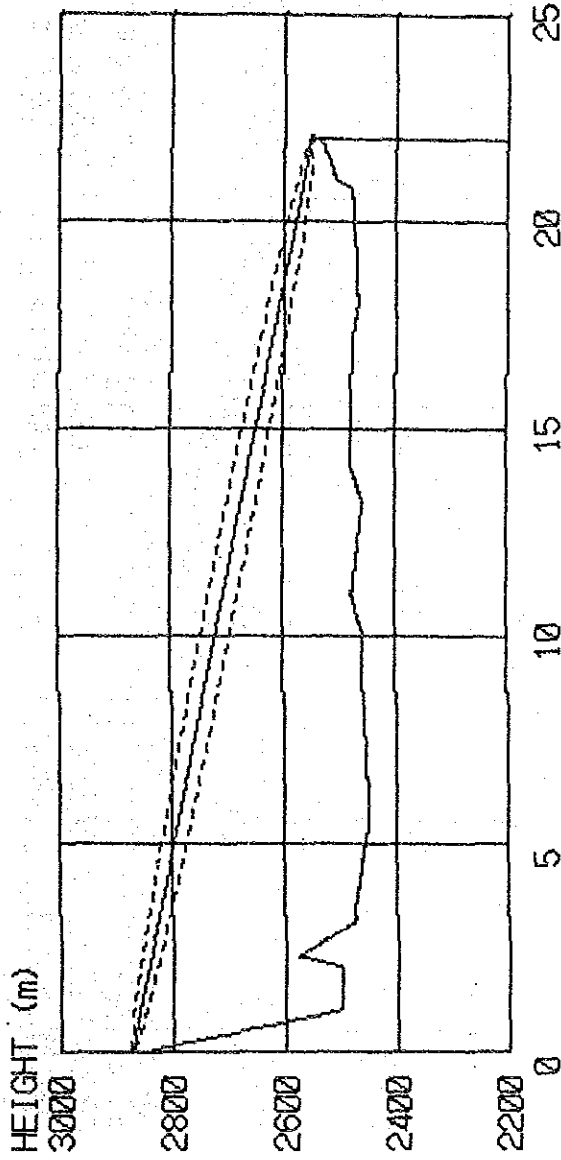
SITE NAME : J.AL LISI DISTANCE : 20.7 km SITE NAME : ASH SHAGB
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2540.0 m
 ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 10.0 m

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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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

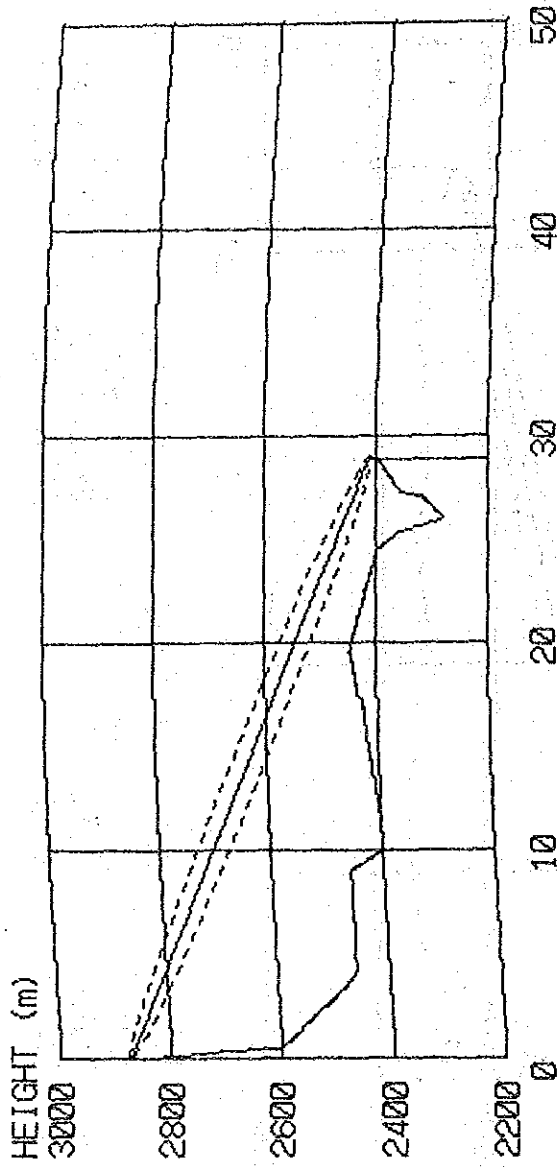
S I T E N A M E : J . A L L I S I S I T E N A M E : A M I D
 G R O U N D L E V E L : 2852.0 m G R O U N D L E V E L : 2540.0 m
 A N T . H E I G H T 1 : 20.0 m A N T . H E I G H T 2 : 10.0 m

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 : 21.5 Km	R I D G E H E I G H T : 2520.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P . : 7.8 m
C L E A R A N C E : 36.7 m	C L E A R A N C E F A C . : 4.7
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 : 0.2 dB
T O T A L L O S S : 127.1 dB	

P R O F I L E N o .	37
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 28.9 km

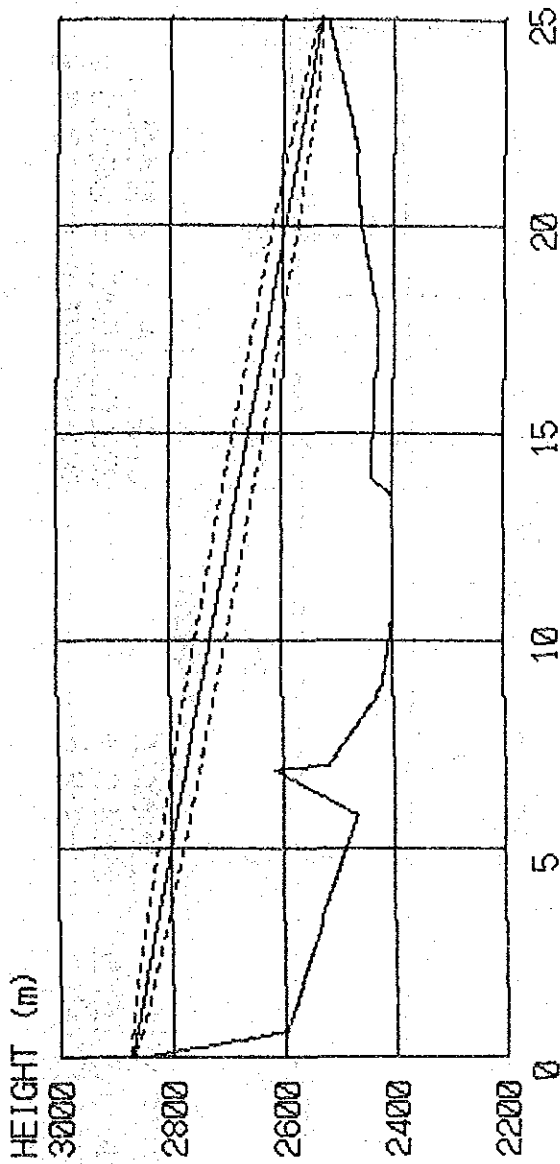
SITE NAME : J. AL LISI SITE NAME : AS SANAM
 GROUND LEVEL : 2852.0 m GROUND LEVEL : 2400.0 m
 ANT. HEIGHT 1 : 20.0 m ANT. HEIGHT 2 : 10.0 m

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)



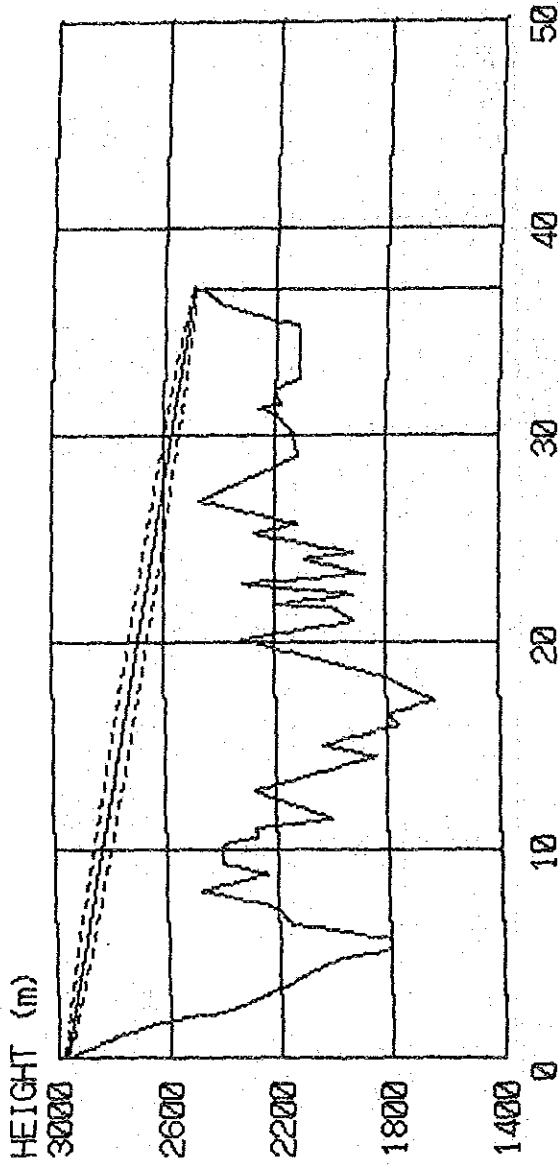
SITE NAME : J. AL LISI DISTANCE : 25 km
 GROUND LEVEL : 2852.0 m SITE NAME : SANAH
 ANT. HEIGHT 1 : 20.0 m GROUND LEVEL : 2520.0 m
 ANT. HEIGHT 2 : 10.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	20.0 m	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	21.8 Km	RIDGE HEIGHT	:	2470.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	18.7 m
CLEARANCE	:	99.7 m	CLEARANCE FAC.	:	5.3
FREE SPACE LOSS	:	128.0 dB	RIDGE LOSS	:	-0.2 dB
TOTAL LOSS	:	127.9 dB			

PROFILE No.	35
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



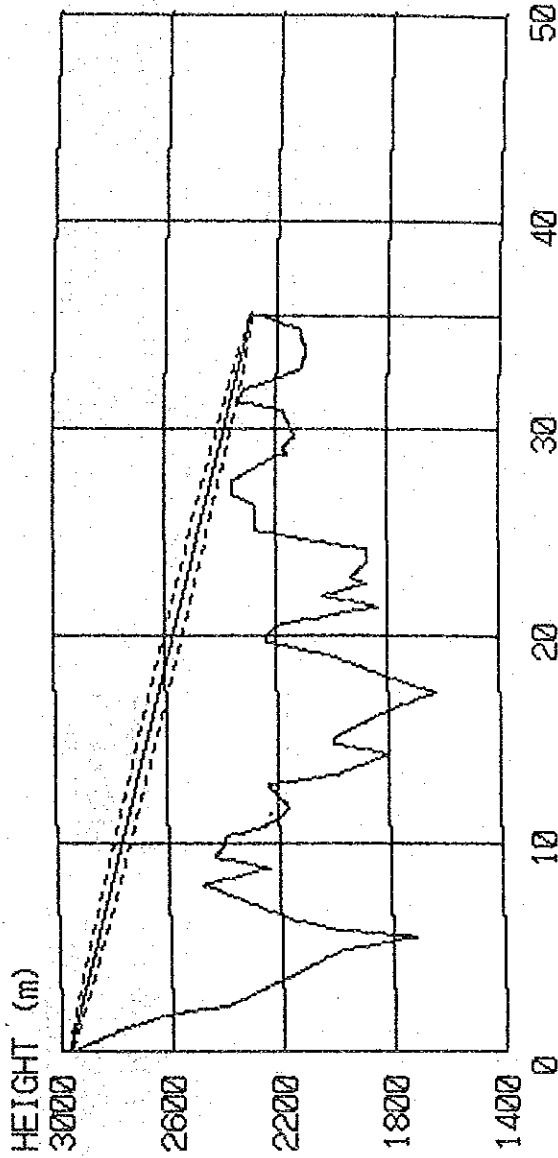
DISTANCE : 37.1 km
 SITE NAME : AHLAL
 GROUND LEVEL : 2480.0 m
 ANT. HEIGHT 1 : 9.0 m
 ANT. HEIGHT 2 : 10.0 m

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)



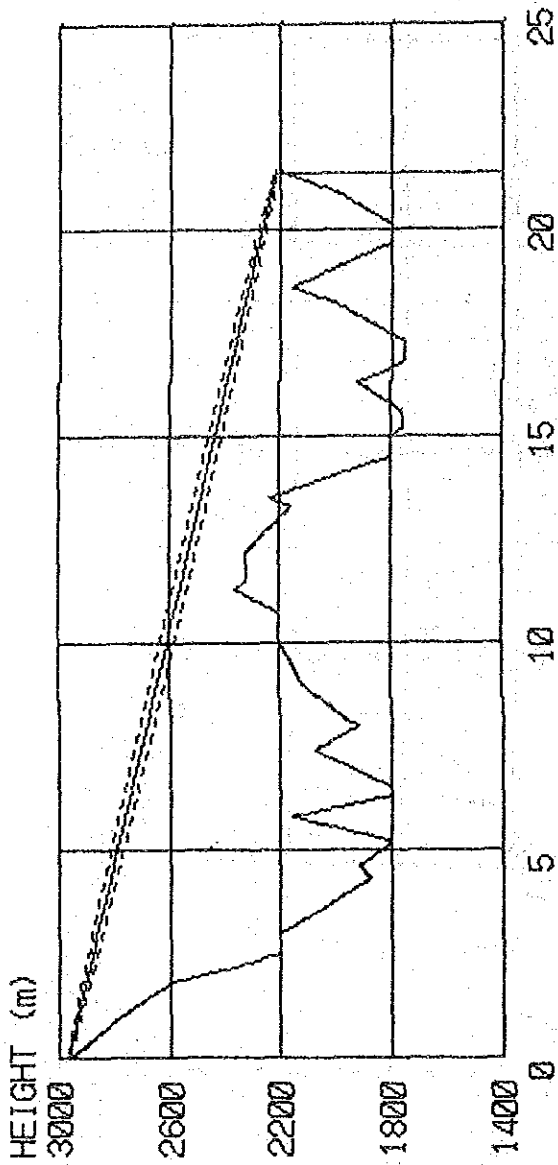
SITE NAME : J.MANARA DISTANCE : 35.5 km SITE NAME : AL HARF
 GROUND LEVEL : 2960.0 m GROUND LEVEL : 2280.0 m
 ANT.HEIGHT 1 : 9.0 m ANT.HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 9.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 31.3 Km	RIDGE HEIGHT	: 2340.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 21.5 m
CLEARANCE	: 22.6 m	CLEARANCE FAC.	: 1.1
FREE SPACE LOSS	: 131.1 dB	RIDGE LOSS	: -0.7 dB
TOTAL LOSS	: 130.3 dB		

PROFILE No.	41
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 21.4 km

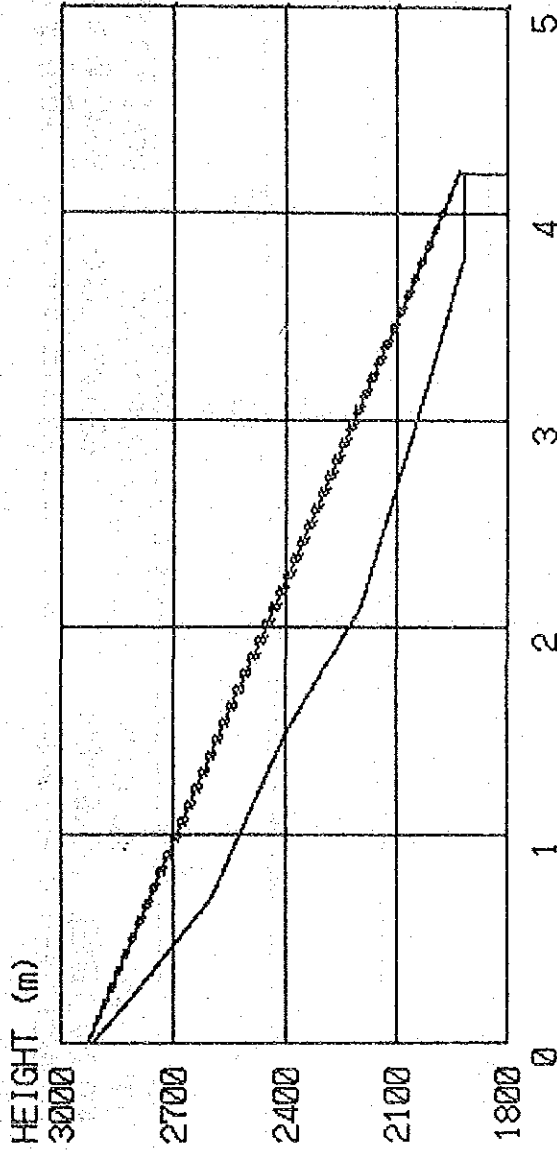
SITE NAME : J.MANARA SITE NAME : HIJIRAT ADH DHARI
 GROUND LEVEL : 2960.0 m GROUND LEVEL : 2200.0 m
 ANT.HEIGHT 1 : 9.0 m ANT.HEIGHT 2 : 10.0 m

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

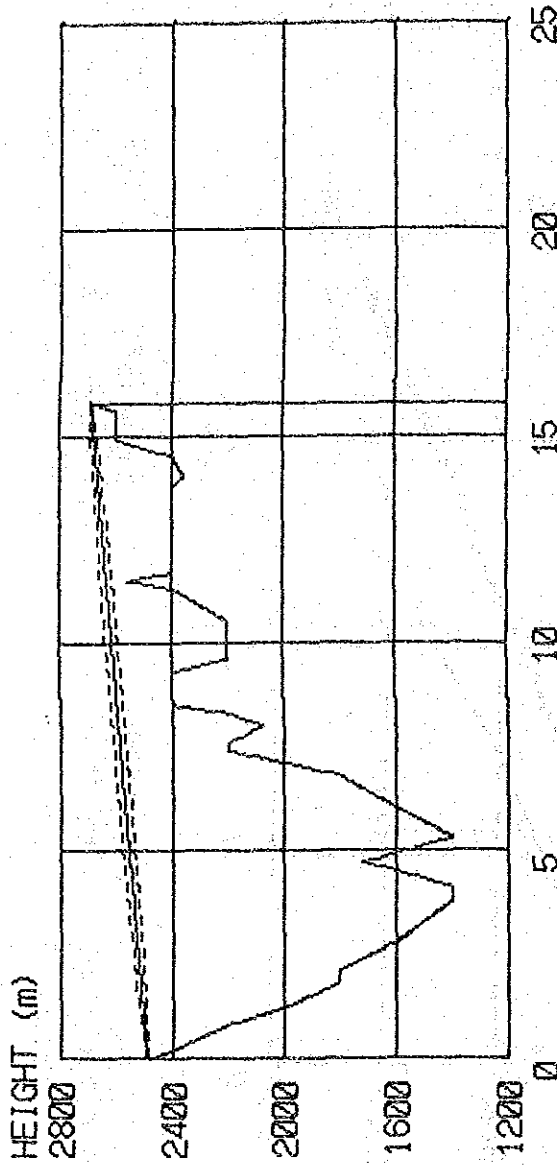
SITE NAME : J. MANARA SITE NAME : BANI MUWALLAD
 GROUND LEVEL : 2920.0 m GROUND LEVEL : 1920.0 m
 ANT.HEIGHT 1 : 9.0 m ANT.HEIGHT 2 : 10.0 m

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)



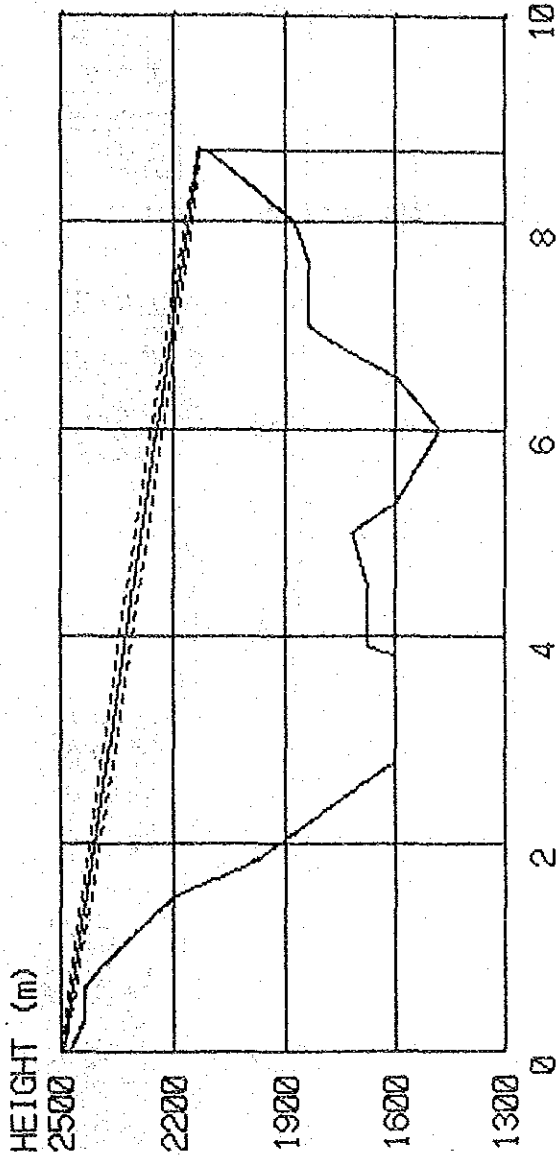
SITE NAME : AD DANN DISTANCE : 15.8 km SITE NAME : BANI AS SAMHI
 GROUND LEVEL : 2480.0 m GROUND LEVEL : 2680.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



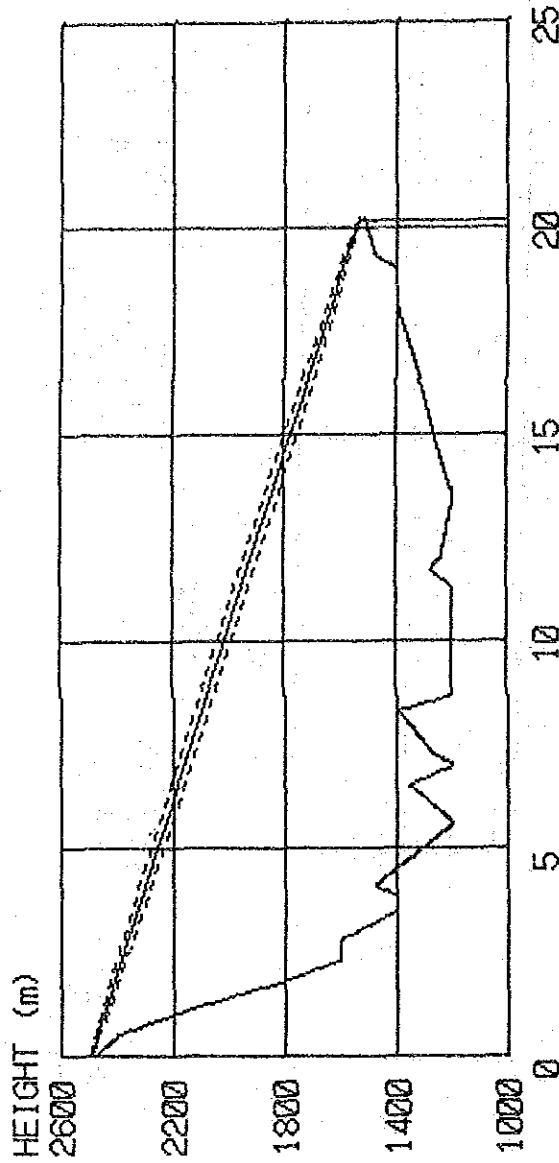
SITE NAME : AD DANN	DISTANCE : 8.7 km
GROUND-LEVEL : 2480.0 m	SITE NAME : BANI MUSLIM
ANT-HEIGHT 1 : 15.0 m	GROUND LEVEL : 2120.0 m
	ANT-HEIGHT 2 : 10.0 m

ANT-HEIGHT 1 : 15.0 m	ANT-HEIGHT 2 : 10.0 m
CRITICAL POINT : 0.6 Km	RIDGE HEIGHT : 2440.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 8.4 m
CLEARANCE : 29.5 m	CLEARANCE FAC. : 3.5
FREE SPACE LOSS : 118.9 dB	RIDGE LOSS : -0.3 dB
TOTAL LOSS : 118.6 dB	

PROFILE No.	45
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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)



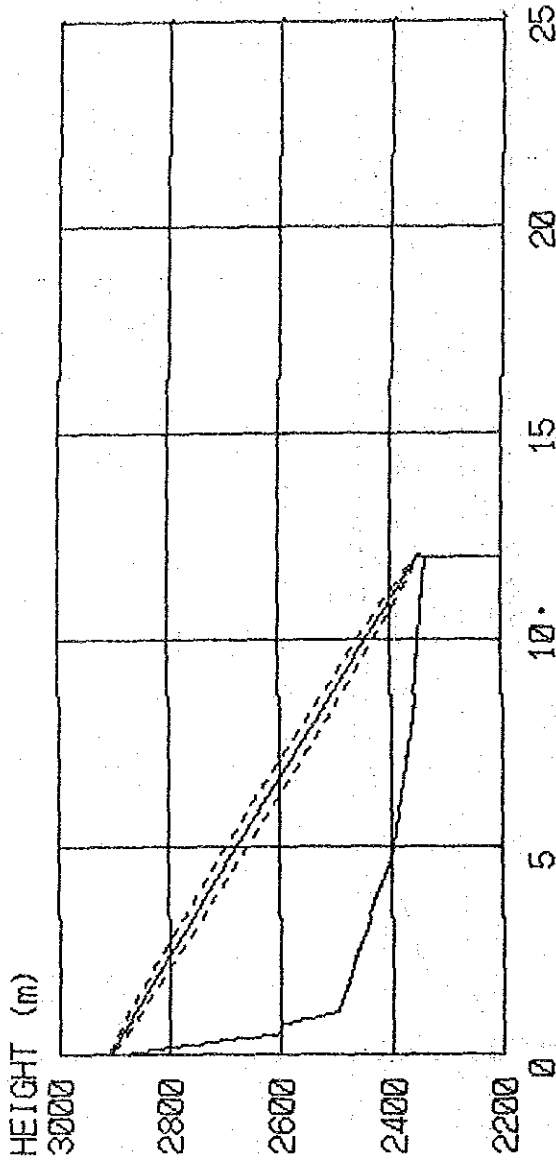
SITE NAME : AD DANN	D I S T A N C E : 20.2 km
GROUND LEVEL : 2480.0 m	S I T E N A M E : BANI ALI
ANT.HEIGHT 1 : 15.0 m	GROUND LEVEL : 1520.0 m
	ANT.HEIGHT 2 : 10.0 m

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 : 12 km

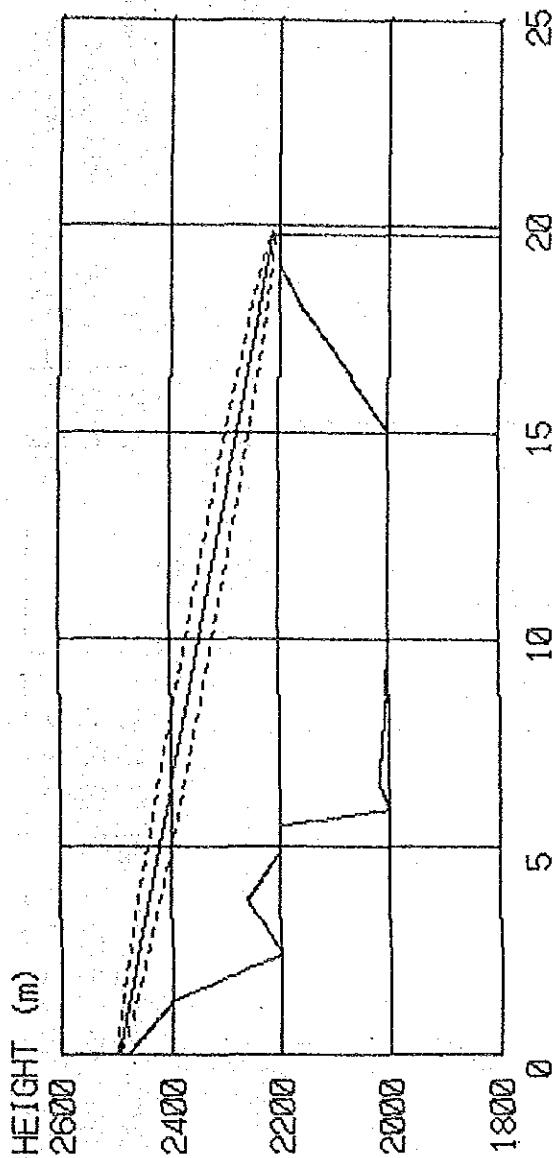
SITE NAME : J. YASLAK SITE NAME : AL MADARAH
 GROUND LEVEL : 2894.0 m GROUND LEVEL : 2340.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

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)



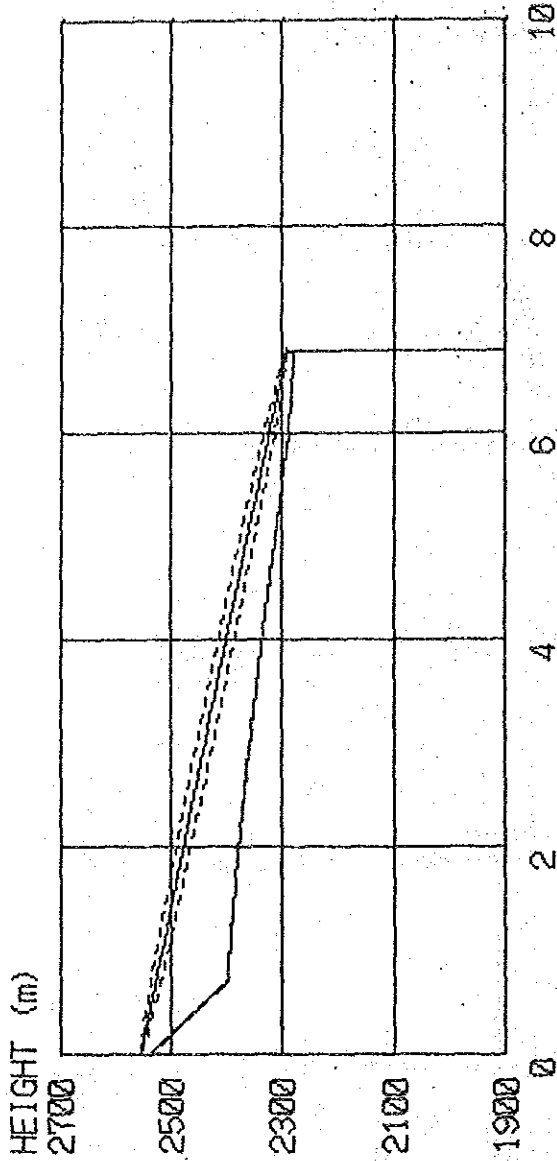
SITE NAME : ABU ATIF DISTANCE : 19.8 km SITE NAME : BAYHAN
 GROUND LEVEL : 2480.0 m GROUND LEVEL : 2200.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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

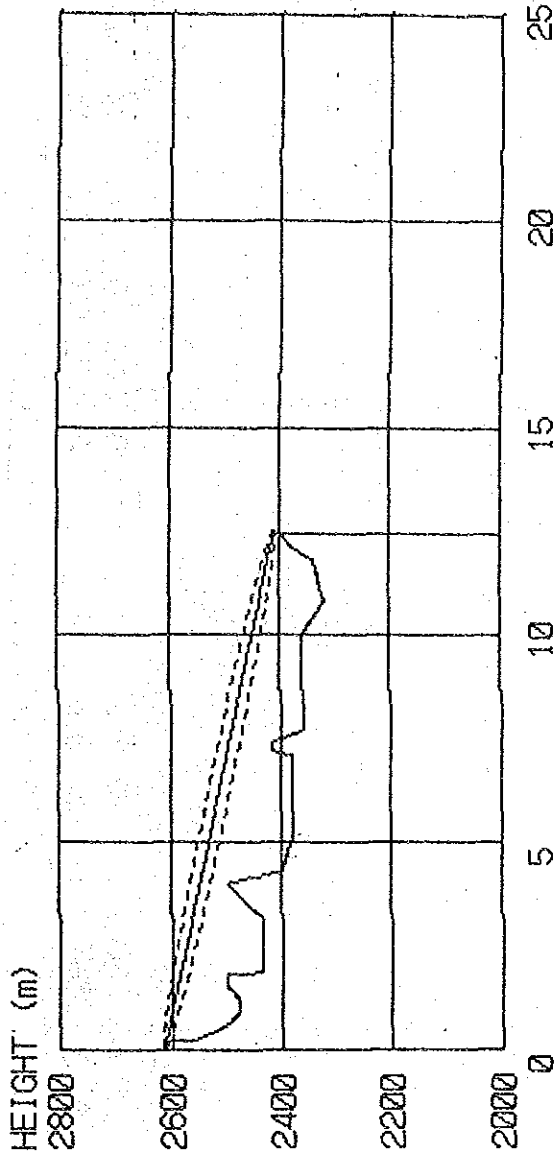
S I T E N A M E : A L H I J A H S I T E N A M E : A L M U G H A D I Y A H
 G R O U N D L E V E L : 2540.0 m G R O U N D L E V E L : 2280.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

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)

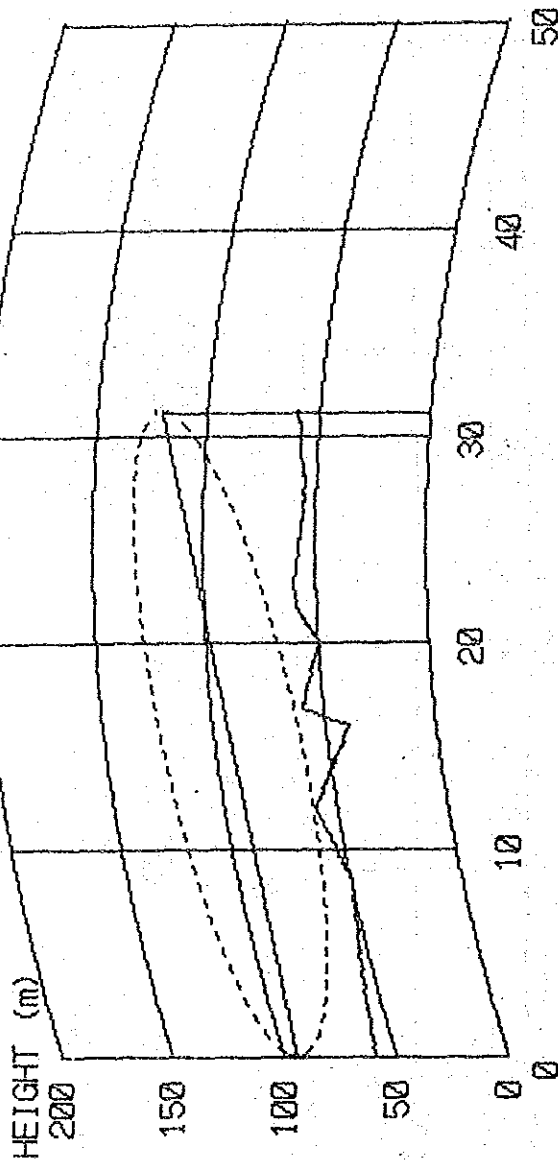


SITE NAME : BAYT ASH SHAMI GROUND LEVEL : 2600.0 m ANT.HEIGHT 1 : 15.0 m	DISTANCE : 12.45 km SITE NAME : ARAM GROUND LEVEL : 2400.0 m ANT.HEIGHT 2 : 10.0 m
ANT.HEIGHT 1 : 15.0 m CRITICAL POINT : 0.2 Km TREE HEIGHT : 0.0 m CLEARANCE : 11.6 m FREE SPACE LOSS : 122.0 dB TOTAL LOSS : 122.3 dB	ANT.HEIGHT 2 : 10.0 m RIDGE HEIGHT : 2600.0 m FRESNEL DEP. : 5.0 m CLEARANCE FAC. : 2.3 RIDGE LOSS : 0.3 dB

PROFILE No.	53
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 31.2 km

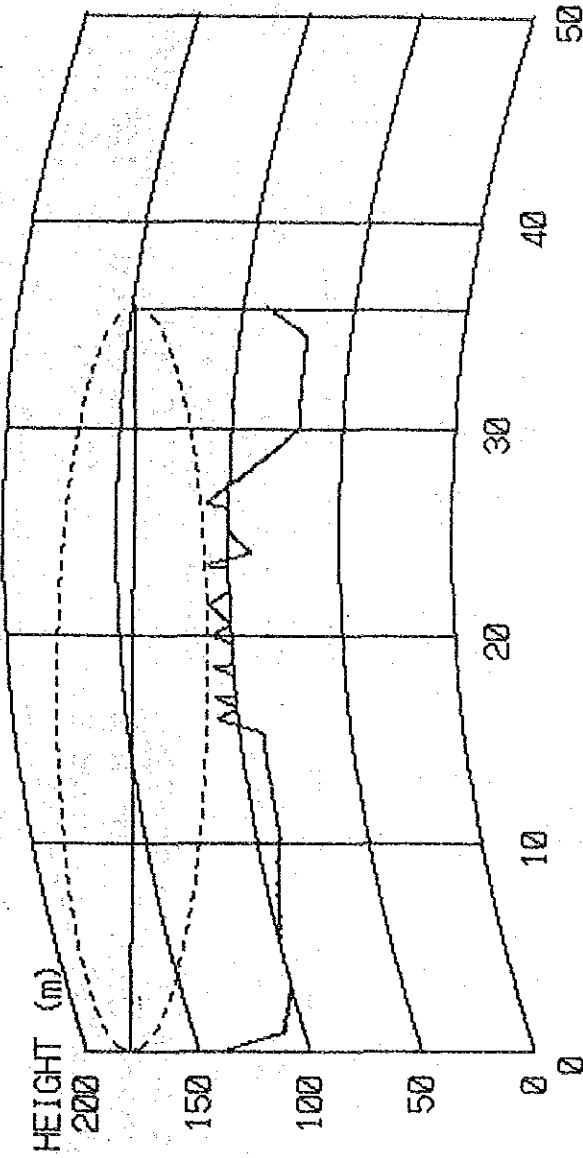
SITE NAME : DAYR AKHRASH SITE NAME : AZ ZAYDIYAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 60.0 m
 ANT.HEIGHT 1 : 34.0 m ANT.HEIGHT 2 : 60.0 m

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

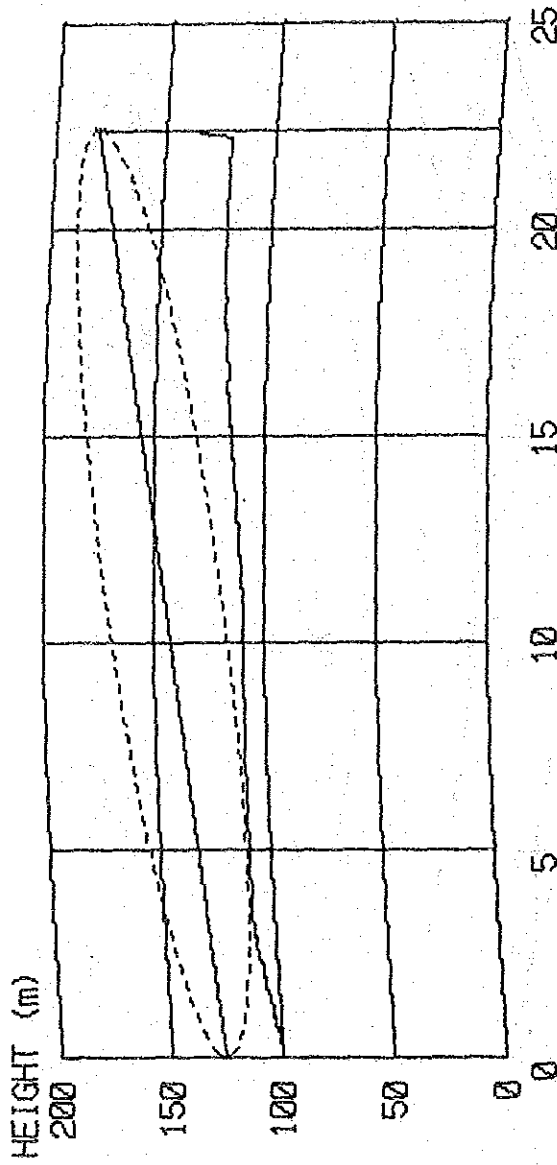
SITE NAME : DAY KHALIL SITE NAME : AL ABBASI
 GROUND LEVEL : 140.0 m GROUND LEVEL : 90.0 m
 ANT. HEIGHT 1 : 40.0 m ANT. HEIGHT 2 : 58.0 m

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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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 : 22.4 km

S I T E N A M E : DAYR KHALIL
 G R O U N D L E V E L : 140.0 m
 A N T . H E I G H T 2 : 40.0 m

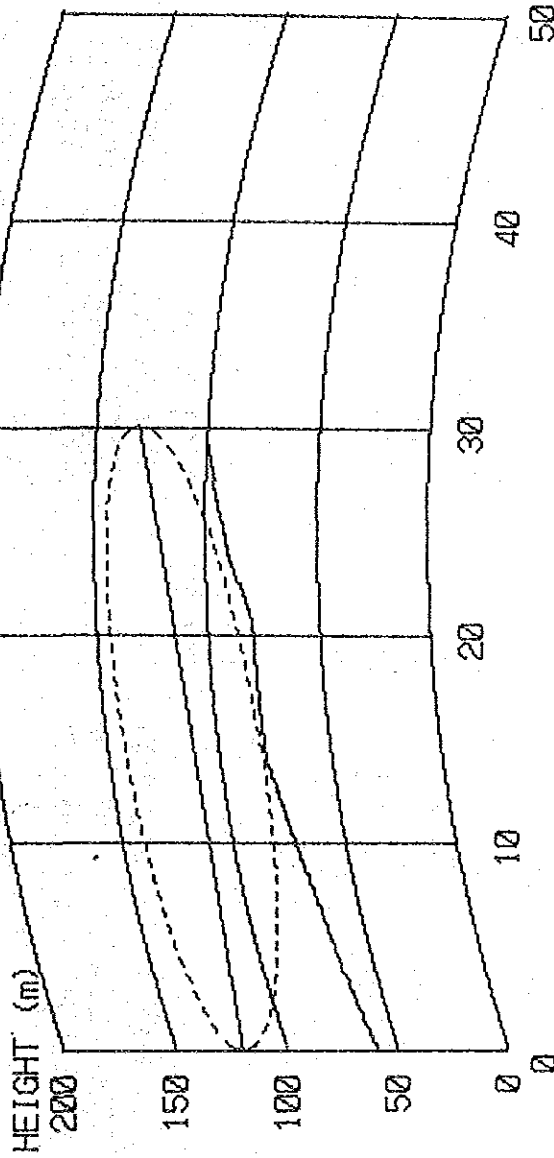
S I T E N A M E : AL KAIB
 G R O U N D L E V E L : 100.0 m
 A N T . H E I G H T 1 : 25.0 m

A N T . H E I G H T 1	:	25.0 m	:	A N T . H E I G H T 2	:	40.0 m
C R I T I C A L P O I N T	:	3.1 Km	:	R I D G E H E I G H T	:	110.0 m
T R E E H E I G H T	:	0.0 m	:	F R E S N E L D E P .	:	18.3 m
C L E A R A N C E	:	19.1 m	:	C L E A R A N C E F A C .	:	1.0
F R E E S P A C E L O S S	:	127.1 dB	:	R I D G E L O S S	:	-0.8 dB
T O T A L L O S S	:	126.3 dB	:		:	

P R O F I L E N o .	56
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



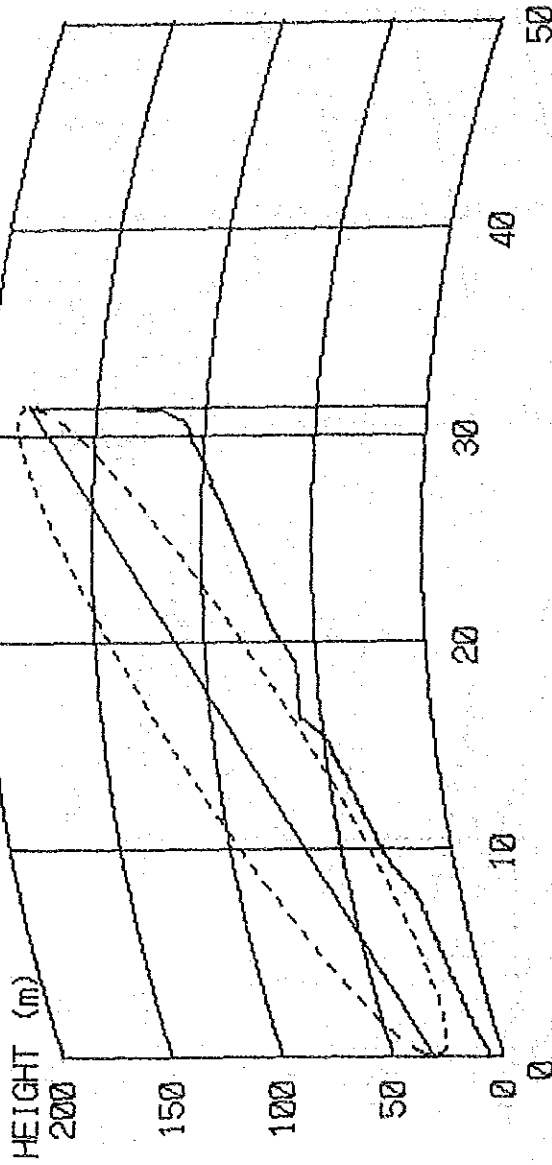
SITE NAME : AZ ZAYDIYAH DISTANCE : 30.1 km SITE NAME : AL KAIB
 GROUND LEVEL : 60.0 m GROUND LEVEL : 100.0 m
 ANT.HEIGHT 1 : 59.0 m ANT.HEIGHT 2 : 30.0 m

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)



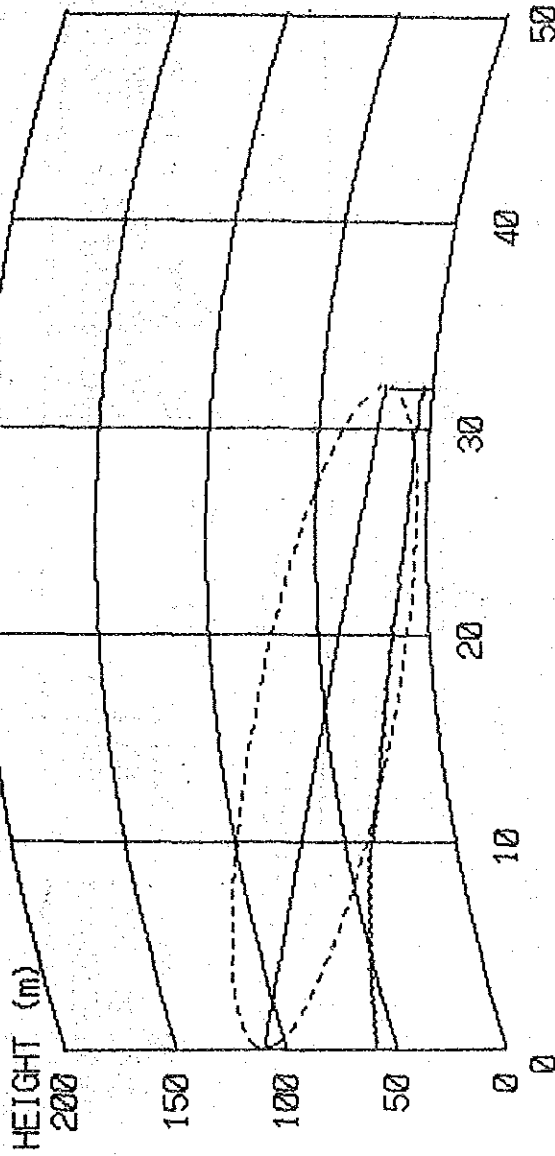
DISTANCE : 31.4 km
 SITE NAME : HUDAYDAH SITE NAME : DAYR KHALIL
 GROUND LEVEL : 6.0 m GROUND LEVEL : 140.0 m
 ANT.HEIGHT 1 : 25.0 m ANT.HEIGHT 2 : 40.0 m

ANT. HEIGHT 1	: 25.0 m	ANT. HEIGHT 2	: 40.0 m
CRITICAL POINT	: 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

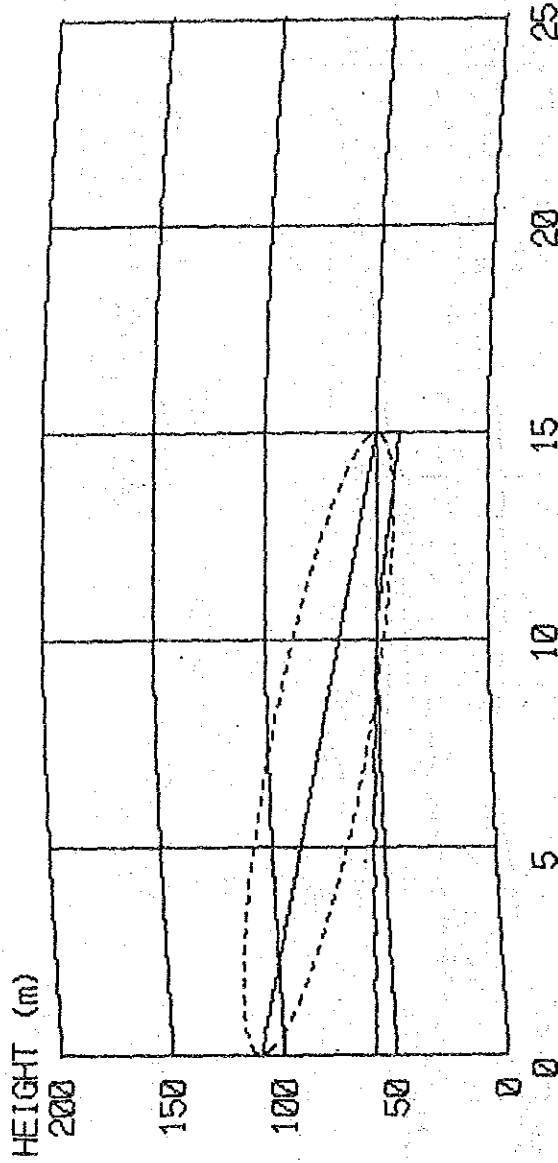
SITE NAME : DAYR AKHRASH SITE NAME : AL LUHAYYAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 5.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 16.0 m

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

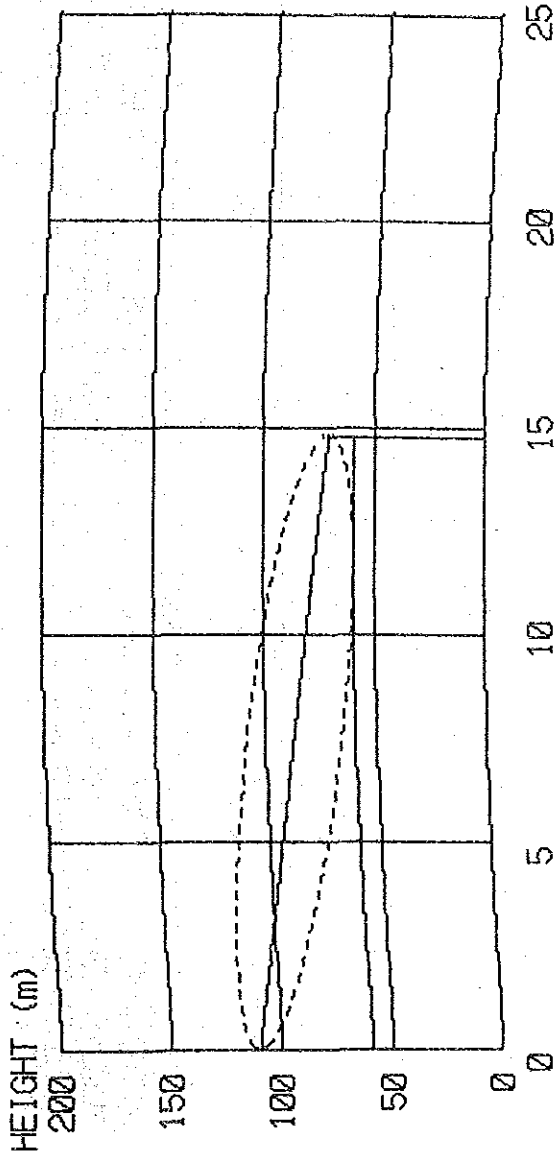
SITE NAME : DAYR AKHRASH	SITE NAME : AL HUMASIYAH
GROUND LEVEL : 60.0 m	GROUND LEVEL : 40.0 m
ANT. HEIGHT 1 : 50.0 m	ANT. HEIGHT 2 : 10.0 m

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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P R O F I L E

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



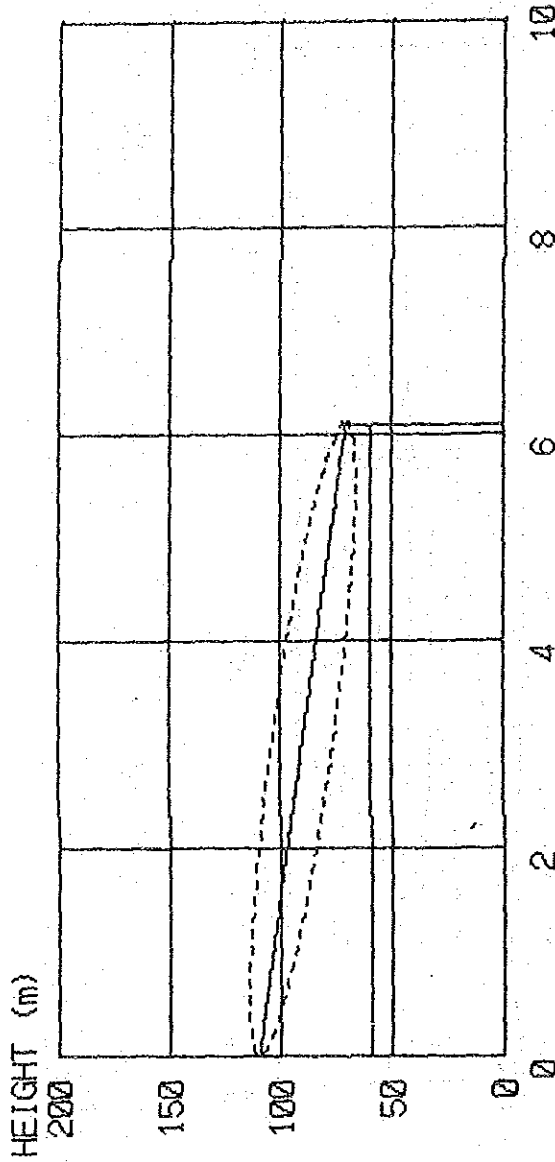
SITE NAME : DAYR AKHRASH DISTANCE : 14.8 km SITE NAME : AL QANAMAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 60.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

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

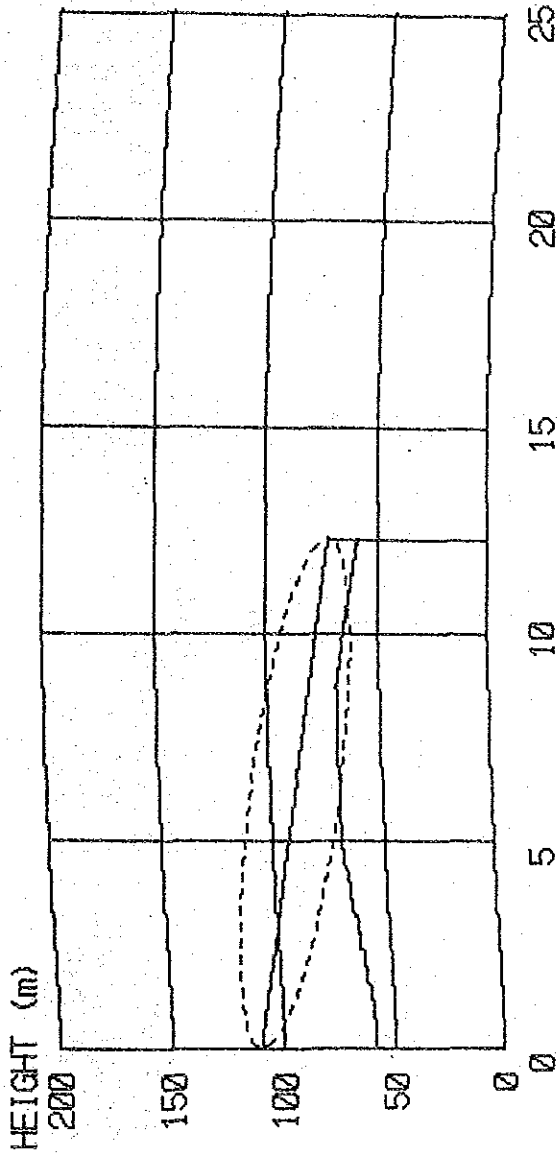
SITE NAME : DAYR AKHRASH SITE NAME : MAWR
 GROUND LEVEL : 60.0 m GROUND LEVEL : 60.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

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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P R O F I L E

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



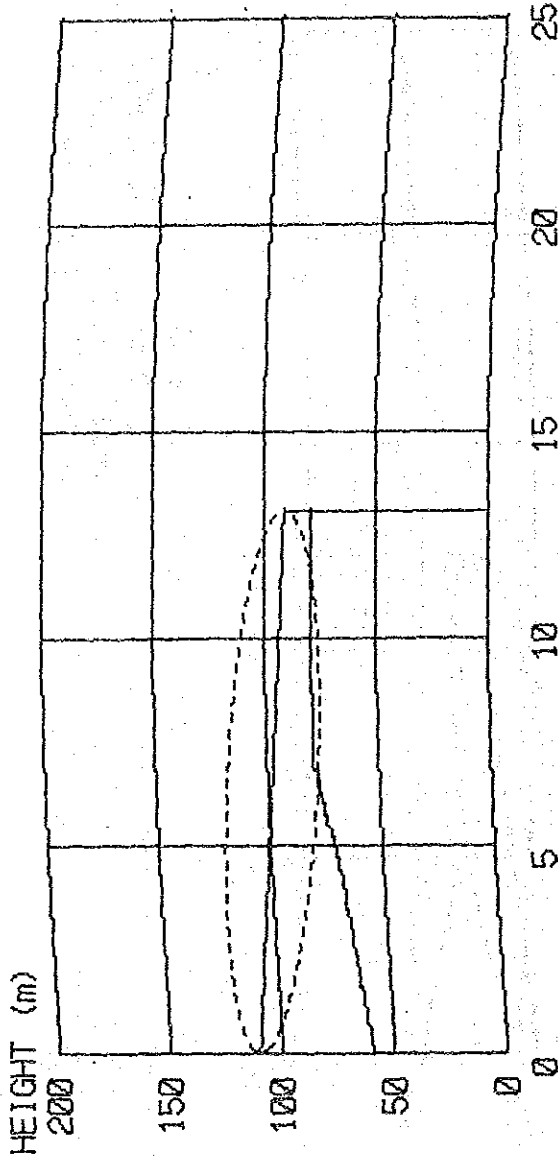
SITE NAME : DAYR AKHRASH D I S T A N C E : 12.3 km S I T E N A M E : A Z Z U H R A H
 G R O U N D L E V E L : 60.0 m G R O U N D L E V E L : 60.0 m
 A N T . H E I G H T 1 : 50.0 m A N T . H E I G H T 2 : 12.0 m

A N T . H E I G H T 1	:	50.0 m	A N T . H E I G H T 2	:	12.0 m
C R I T I C A L P O I N T	:	8.7 Km	R I D G E H E I G H T	:	70.0 m
T R E E H E I G H T	:	0.0 m	F R E S N E L D E P .	:	17.8 m
C L E A R A N C E	:	11.3 m	C L E A R A N C E F A C .	:	0.6
F R E E S P A C E L O S S	:	121.9 dB	R I D G E L O S S	:	-0.6 dB
T O T A L L O S S	:	121.3 dB			

PROFILE No.	63
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 13.1 km

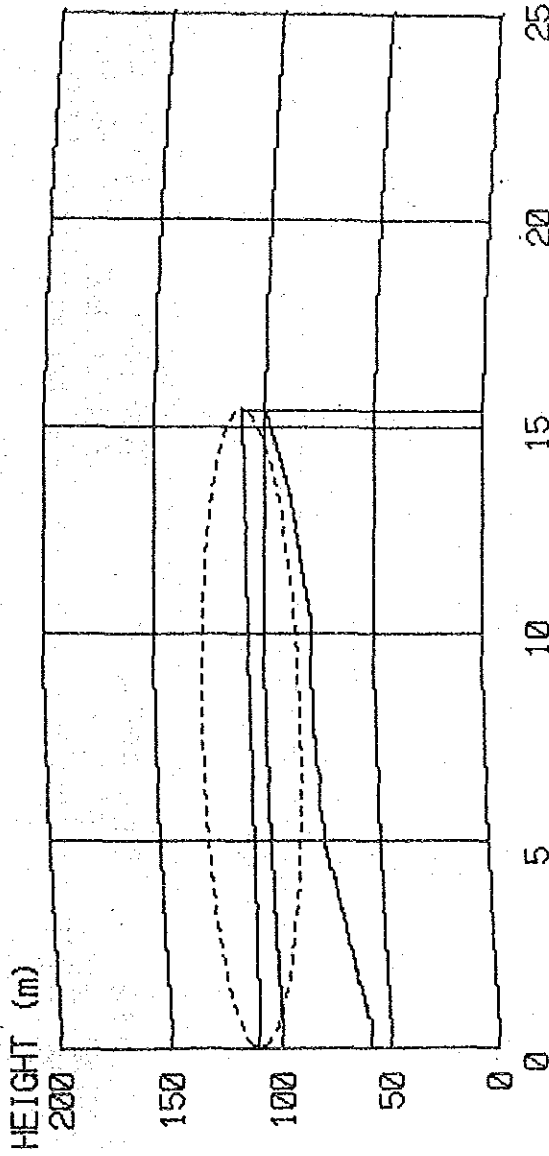
SITE NAME : DAYR AKHRASH SITE NAME : AL MUTARID
 GROUND LEVEL : 60.0 m GROUND LEVEL : 80.0 m
 ANT. HEIGHT 1 : 50.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	50.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	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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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 : 15.4 km

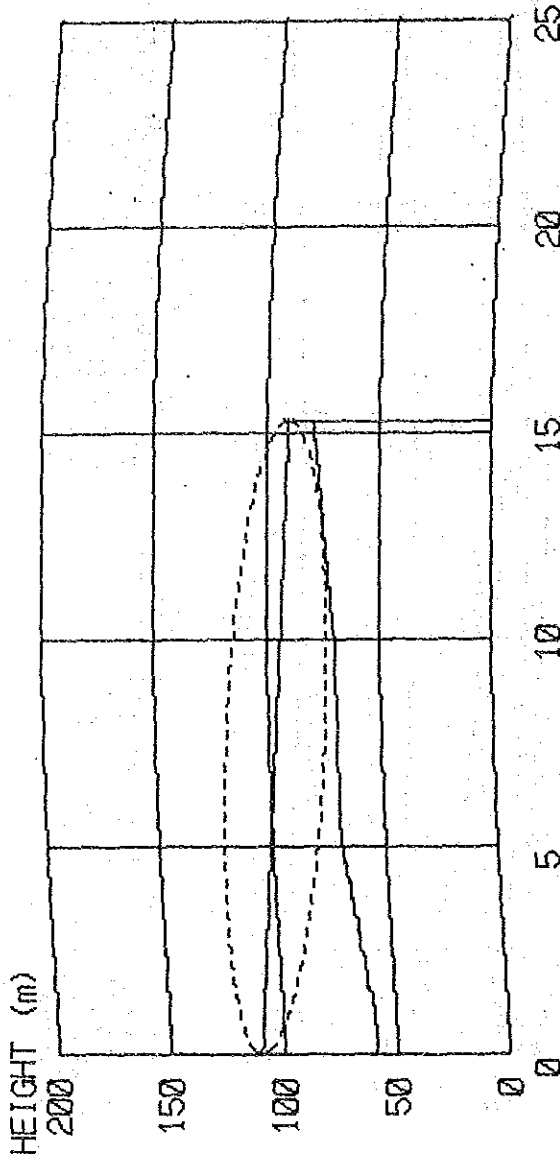
S I T E N A M E : DAYR AKHRASH S I T E N A M E : DAYR DUKHNAH
 G R O U N D L E V E L : 60.0 m G R O U N D L E V E L : 100.0 m
 A N T . H E I G H T 1 : 50.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1 : 50.0 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 : 8.2 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 . : 21.9 m
C L E A R A N C E : 26.5 m	C L E A R A N C E F A C . : 1.2
F R E E S P A C E L O S S : 123.8 dB	R I D G E L O S S : 0.6 dB
T O T A L L O S S : 124.4 dB	

P R O F I L E N o .	65
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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 : 15.3 km

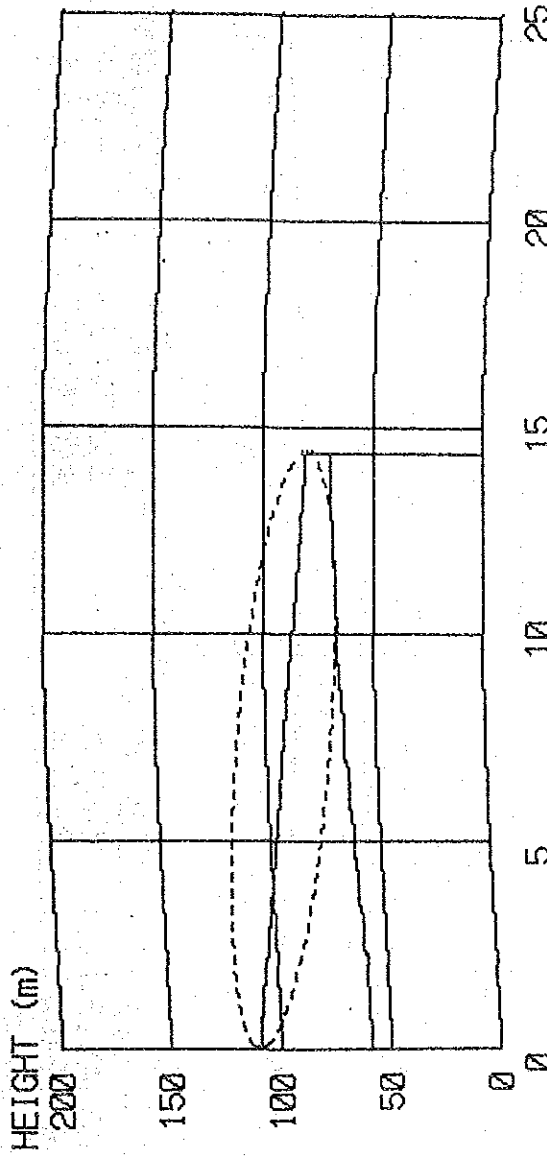
S I T E N A M E : DAYR AKHRASH S I T E N A M E : DAYR KLZABAH
 G R O U N D L E V E L : 60.0 m G R O U N D L E V E L : 80.0 m
 A N T . H E I G H T 1 : 50.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1 : 50.0 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 : 9.6 Km	R I D G E H E I G H T : 70.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P . : 21.1 m
C L E A R A N C E : 24.2 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 : 123.8 dB	R I D G E L O S S : 0.0 dB
T O T A L L O S S : 123.8 dB	

P R O F I L E N o .	66
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



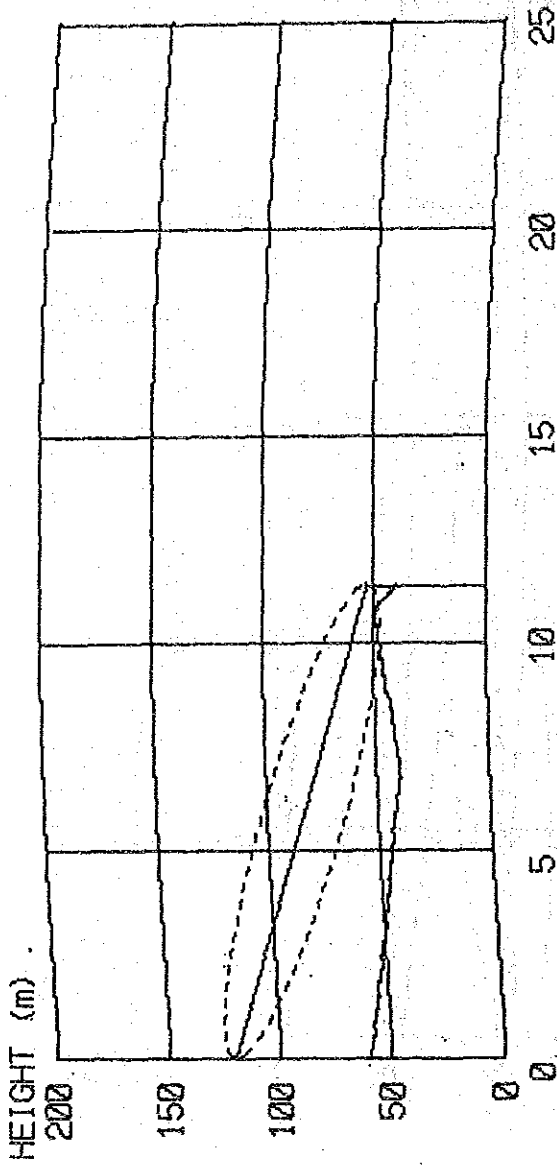
SITE NAME : DAYR AKHRASH DISTANCE : 14.4 km SITE NAME : DAYR ABDALLAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 70.0 m
 ANT.HEIGHT 1 : 50.0 m ANT.HEIGHT 2 : 10.0 m

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.	:	12.5 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)



DISTANCE : 11.4 km

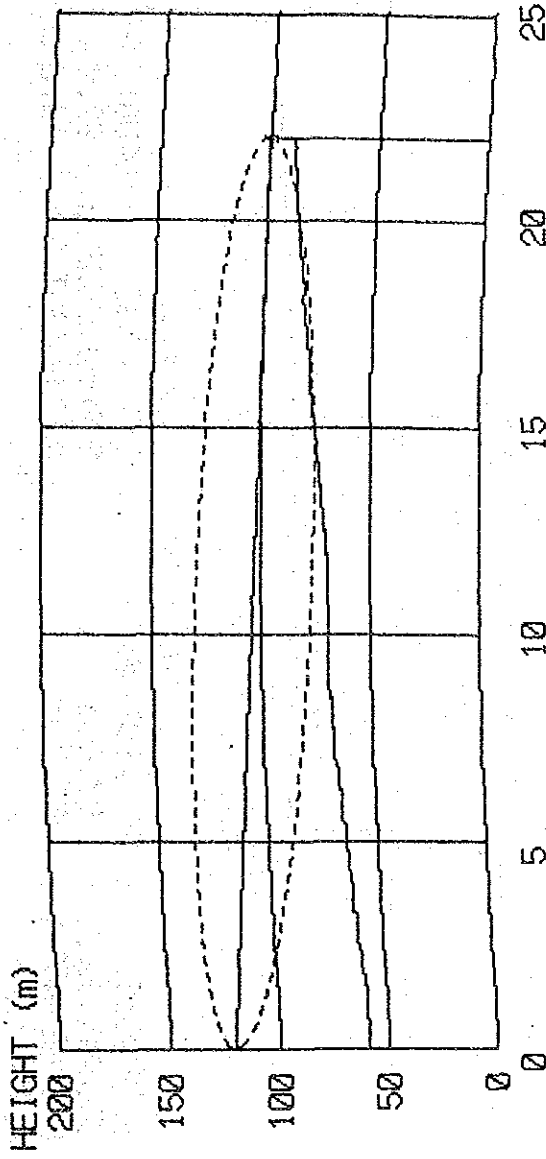
SITE NAME : AZ ZAYDIYAH	SITE NAME : AL MUGHAYDIYAH
GROUND LEVEL : 60.0 m	GROUND LEVEL : 40.0 m
ANT.HEIGHT 1 : 60.0 m	ANT.HEIGHT 2 : 12.0 m

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

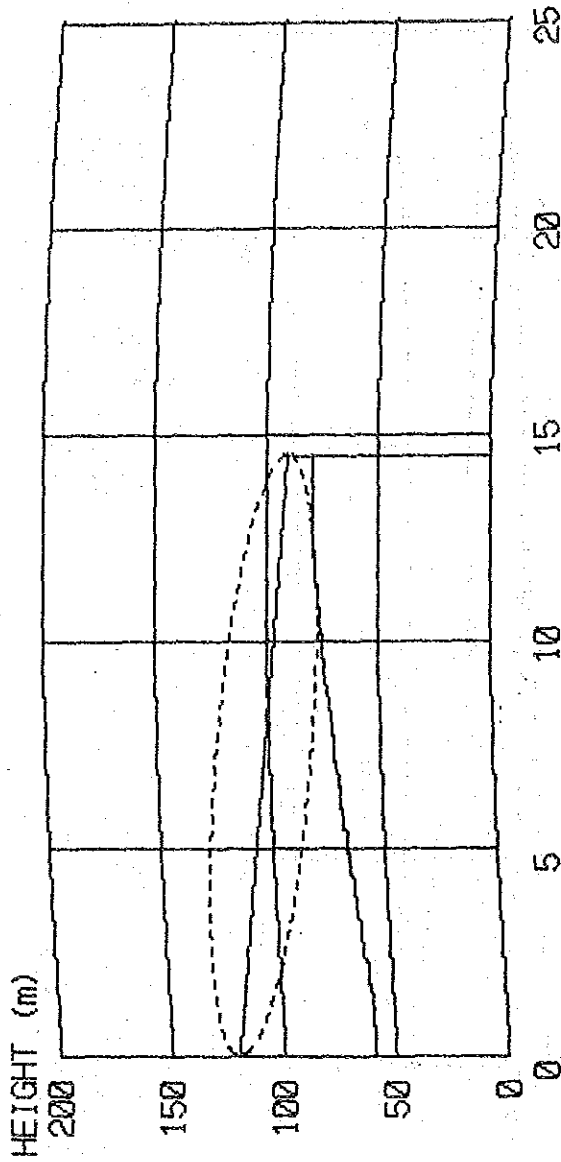
S I T E N A M E : A Z Z A Y D I Y A H S I T E N A M E : A L Q A N A W I S
 G R O U N D L E V E L : 60.0 m G R O U N D L E V E L : 90.0 m
 A N T . H E I G H T 1 : 60.0 m A N T . H E I G H T 2 : 10.0 m

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

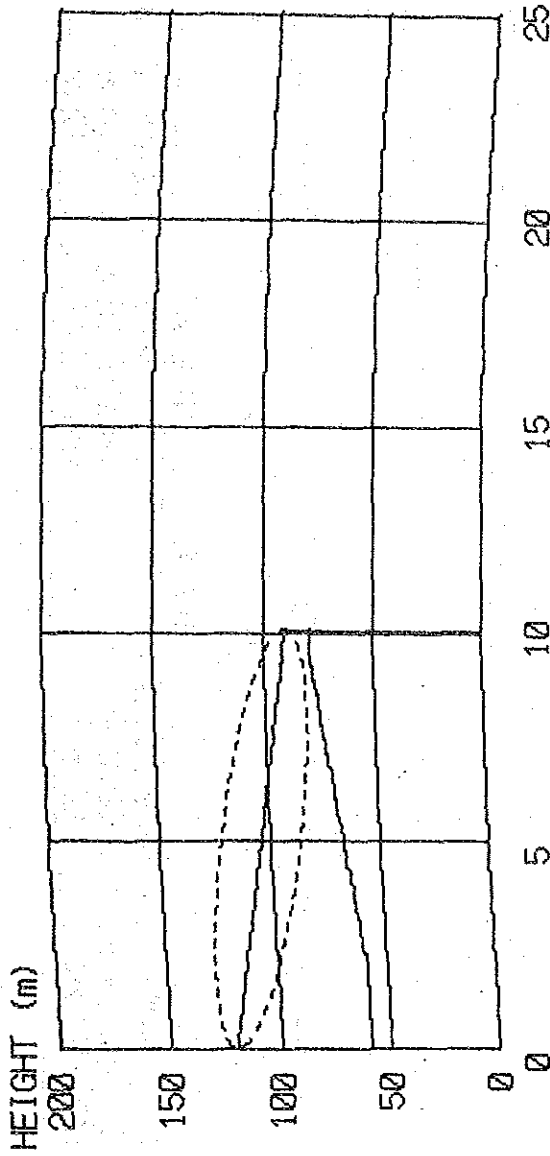
SITE NAME : AZ ZAYDIYAH SITE NAME : DAUDIYAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 80.0 m
 ANT.HEIGHT 1 : 60.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 60.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 12.5 Km	RIDGE HEIGHT : 80.0 m
FREE 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)



DISTANCE : 10.1 km

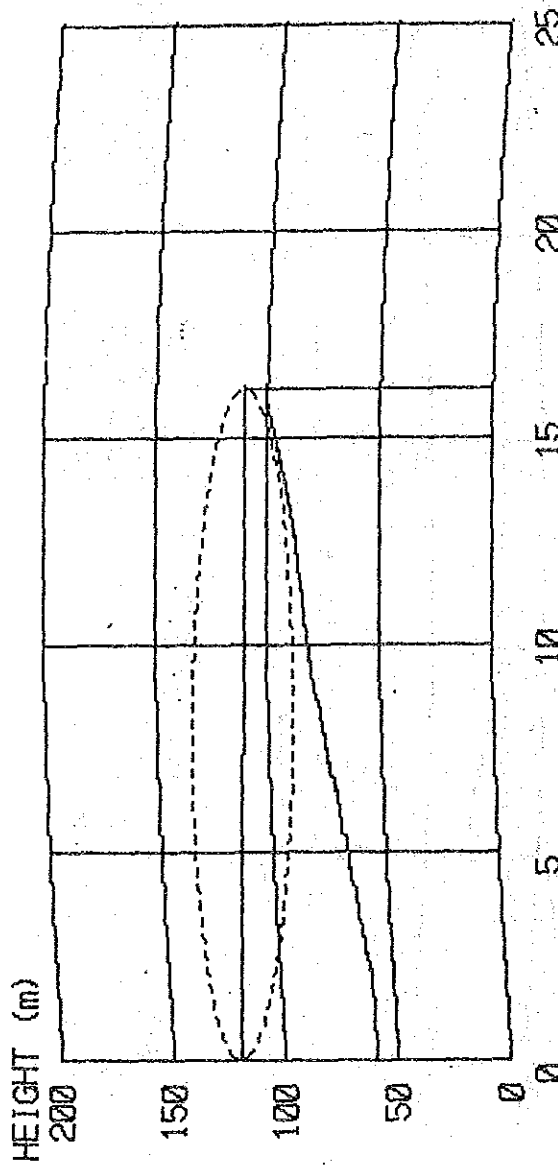
SITE NAME : AZ ZAYDIYAH SITE NAME : DAYR AL MAHADI
 GROUND LEVEL : 60.0 m GROUND LEVEL : 80.0 m
 ANT.HEIGHT 1 : 60.0 m ANT.HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 60.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 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

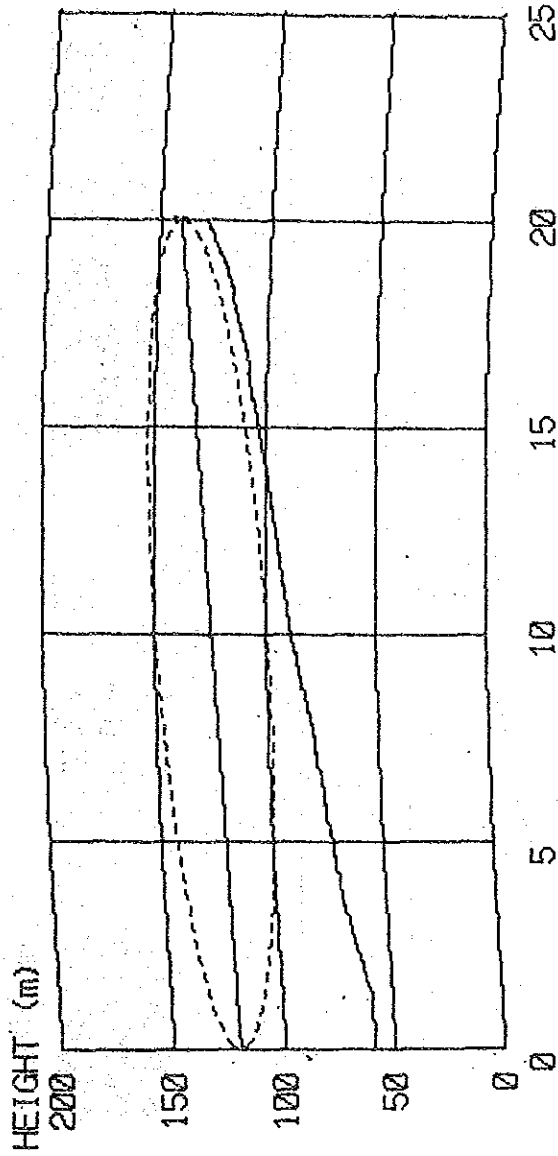
SITE NAME : AZ ZAYDIYAH	SITE NAME : DAYR AL WALI
GROUND LEVEL : 60.0 m	GROUND LEVEL : 100.0 m
ANT. HEIGHT 1 : 60.0 m	ANT. HEIGHT 2 : 10.0 m

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)



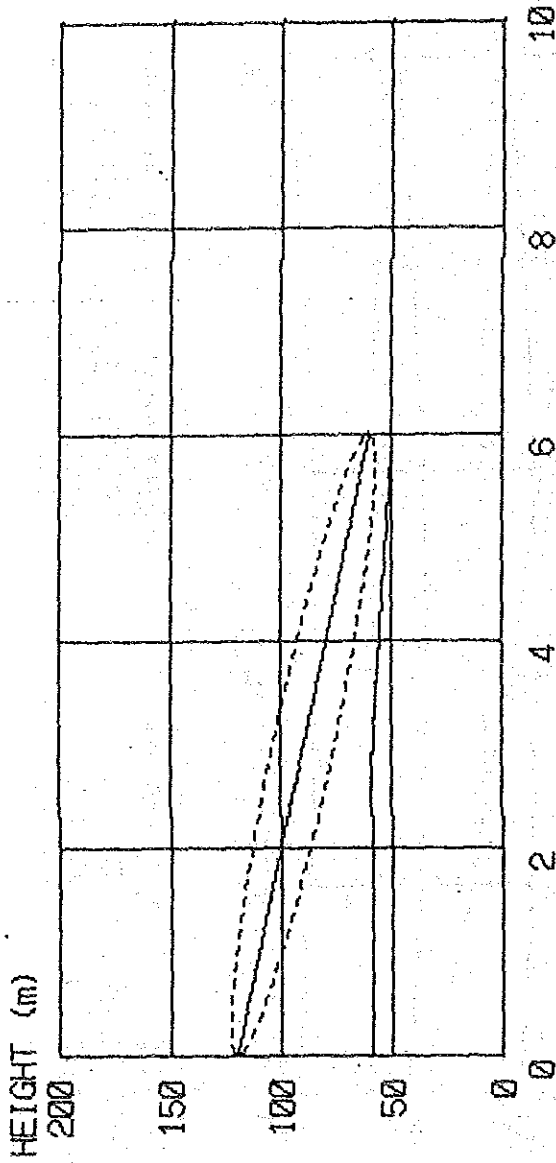
SITE NAME : AZ ZAYDIYAH DISTANCE : 20 km SITE NAME : AL MIGHLAF
 GROUND LEVEL : 60.0 m GROUND LEVEL : 130.0 m
 ANT.HEIGHT 1 : 60.0 m ANT.HEIGHT 2 : 10.0 m

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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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 6 km

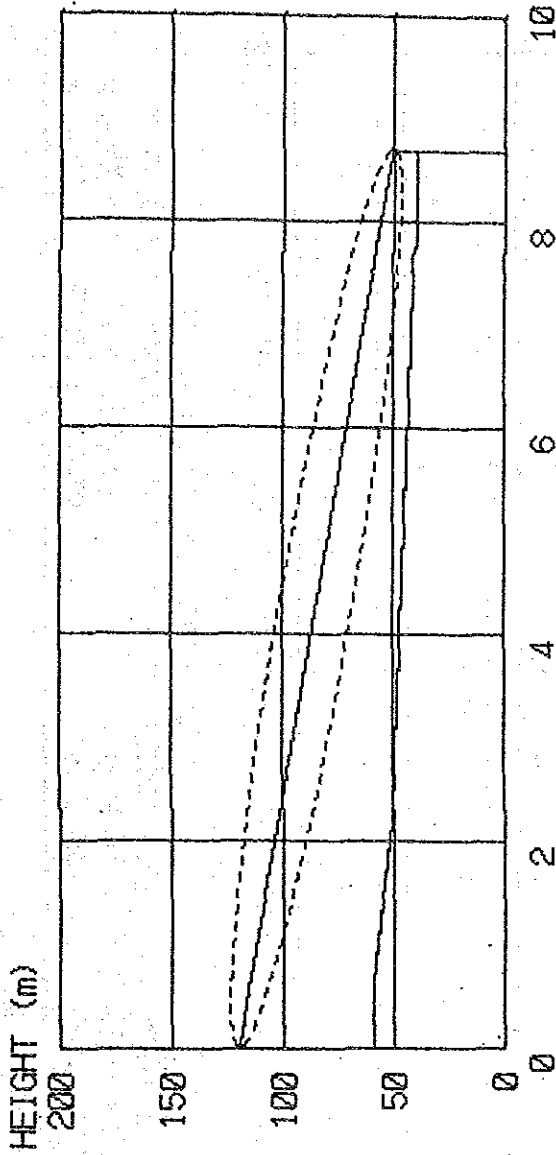
SITE NAME : AZ ZAYDIYAH SITE NAME : AL HASHABIRAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 50.0 m
 ANT.HEIGHT 1 : 60.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 60.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 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

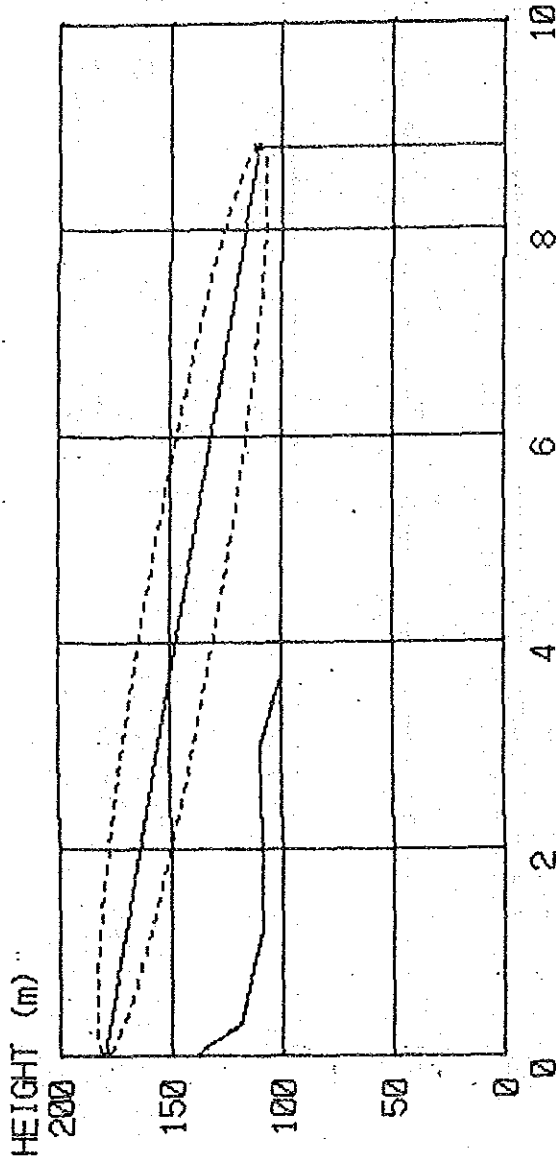
SITE NAME : AZ ZAYDIYAH SITE NAME : AL MUNIRAH
 GROUND LEVEL : 60.0 m GROUND LEVEL : 40.0 m
 ANT. HEIGHT 1 : 60.0 m ANT. HEIGHT 2 : 10.0 m

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

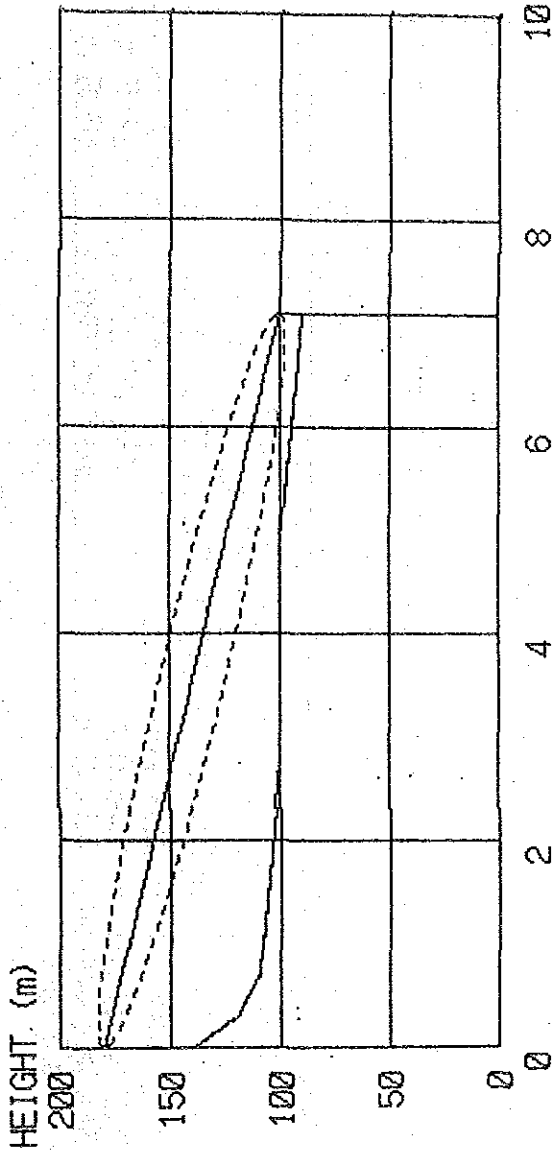
SITE NAME : DAYR KHALIL SITE NAME : AD DAMM
 GROUND LEVEL : 140.0 m GROUND LEVEL : 100.0 m
 ANT. HEIGHT 1 : 40.0 m ANT. HEIGHT 2 : 10.0 m

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)



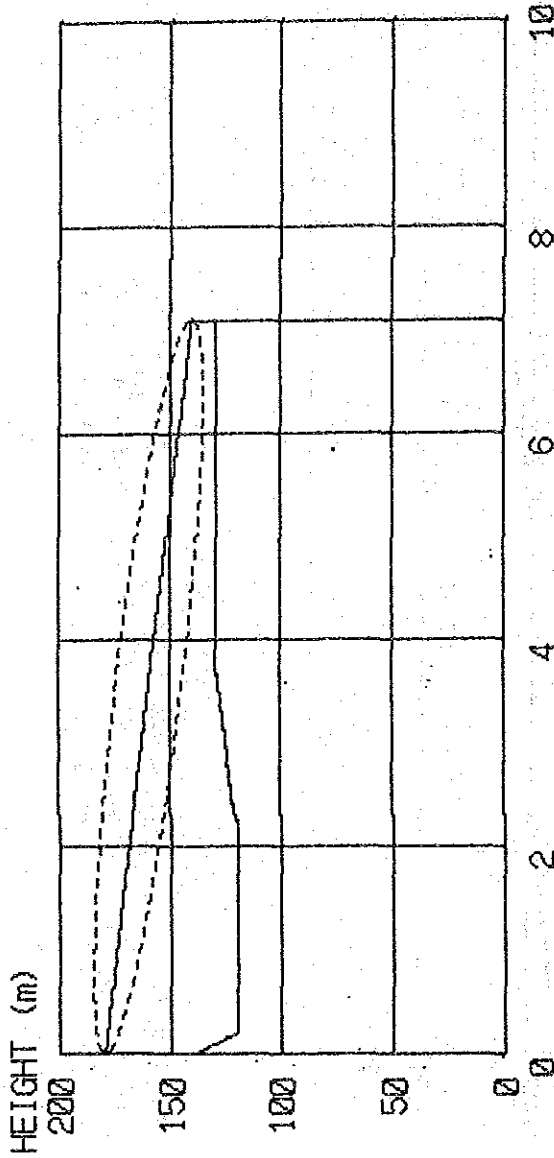
SITE NAME : DAYR KHALIL DISTANCE : 7.1 km SITE NAME : AZ ZUBAYRIYAH
 GROUND LEVEL : 140.0 m GROUND LEVEL : 90.0 m
 ANT.HEIGHT 1 : 40.0 m ANT.HEIGHT 2 : 10.0 m

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

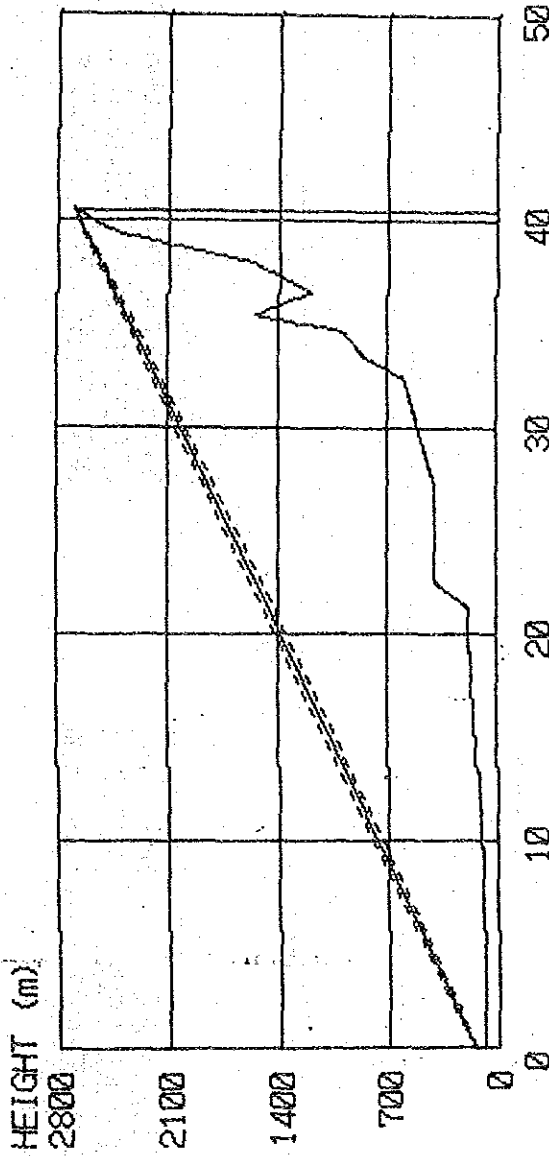
SITE NAME : DAYR KHALIL	SITE NAME : DAYR AL MUDAWWAR
GROUND LEVEL : 140.0 m	GROUND LEVEL : 130.0 m
ANT.HEIGHT 1 : 40.0 m	ANT.HEIGHT 2 : 10.0 m

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)



DISTANCE : 40.5 km

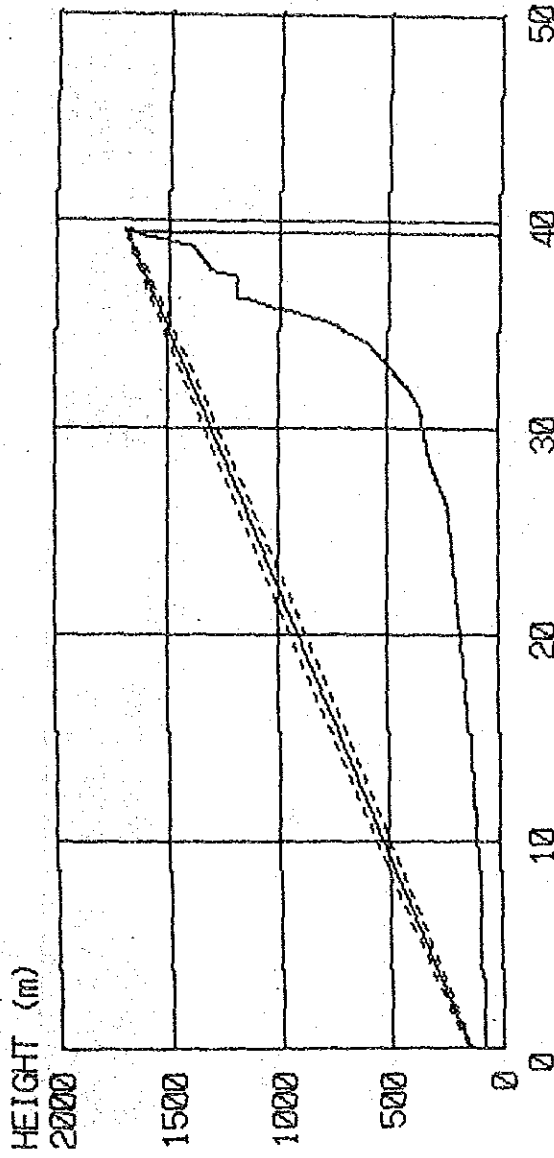
SITE NAME : AL ABBASI SITE NAME : KUSMA
 GROUND LEVEL : 90.0 m GROUND LEVEL : 2680.0 m
 ANT.HEIGHT 1 : 58.0 m ANT.HEIGHT 2 : 10.0 m

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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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 39.5 km

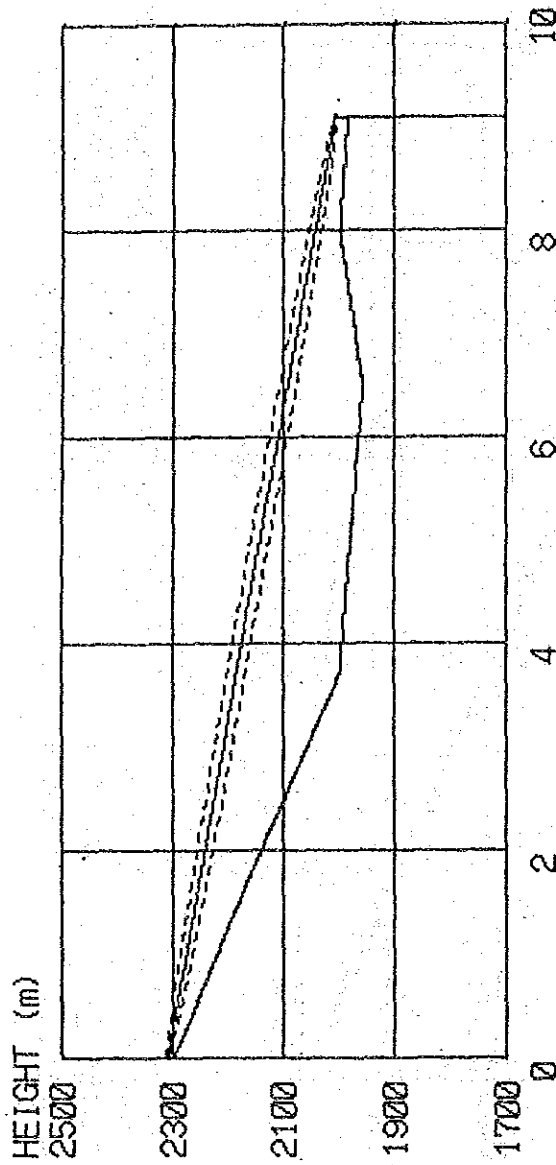
SITE NAME : AL ABBASI SITE NAME : MARKAZ BILAD ATTAM
 GROUND LEVEL : 90.0 m GROUND LEVEL : 1680.0 m
 ANT.HEIGHT 1 : 58.0 m ANT.HEIGHT 2 : 10.0 m

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)



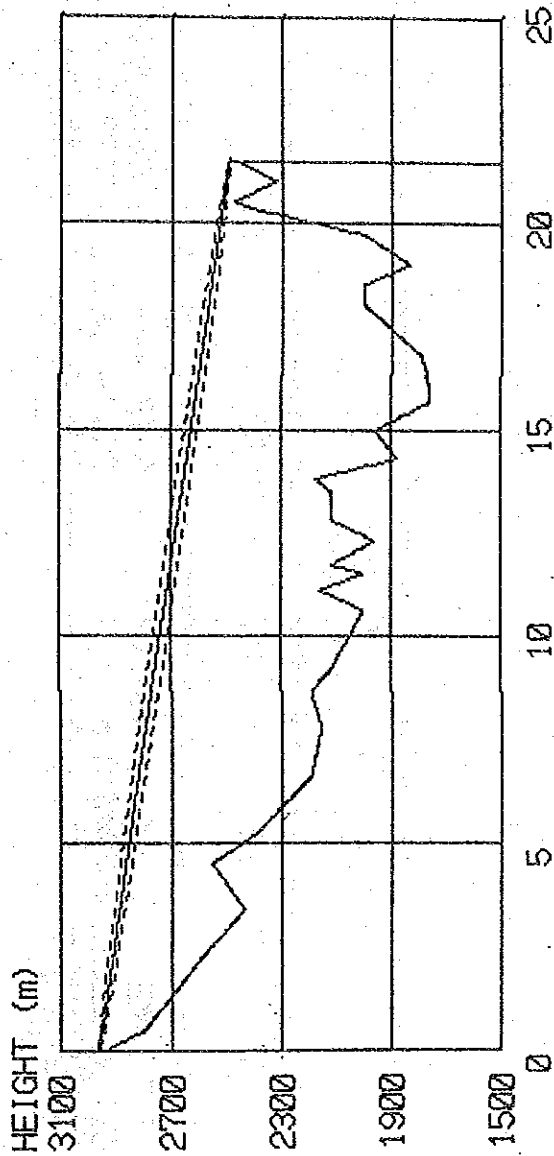
SITE NAME : MASHWARAH DISTANCE : 9.1 km SITE NAME : IBB
 GROUND LEVEL : 2300.0 m GROUND LEVEL : 1985.0 m
 ANT. HEIGHT 1 : 10.0 m ANT. HEIGHT 2 : 20.0 m

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

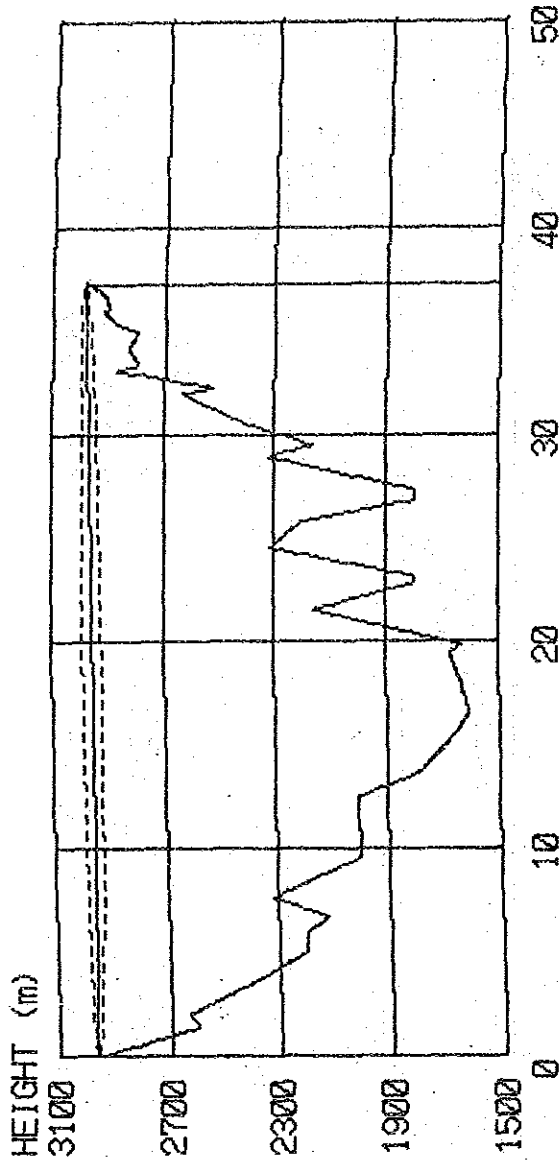
SITE NAME : J. AL QABRAYN SITE NAME : J. SAID
 GROUND LEVEL : 2948.0 m GROUND LEVEL : 2480.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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

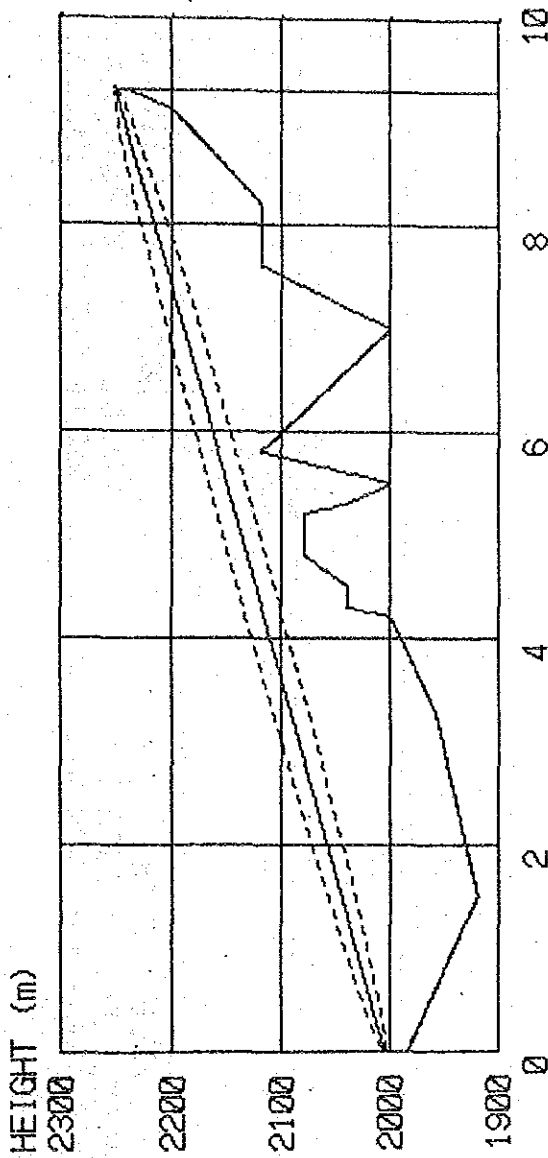
S I T E N A M E : J. A L G A B R A Y N S I T E N A M E : J. S U M A R A H
 G R O U N D L E V E L : 2948.0 m G R O U N D L E V E L : 2973.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

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)



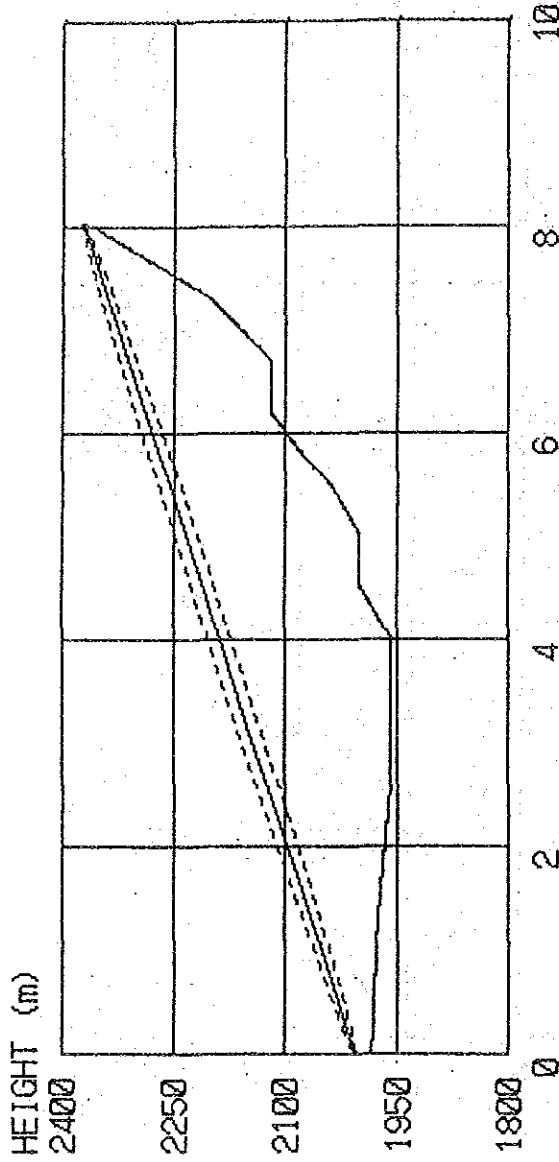
SITE NAME : IBB	DISTANCE : 9.3 km
GROUND LEVEL : 1985.0 m	SITE NAME : AL WAGASH
ANT.HEIGHT 1 : 20.0 m	GROUND LEVEL : 2240.0 m
	ANT.HEIGHT 2 : 10.0 m

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

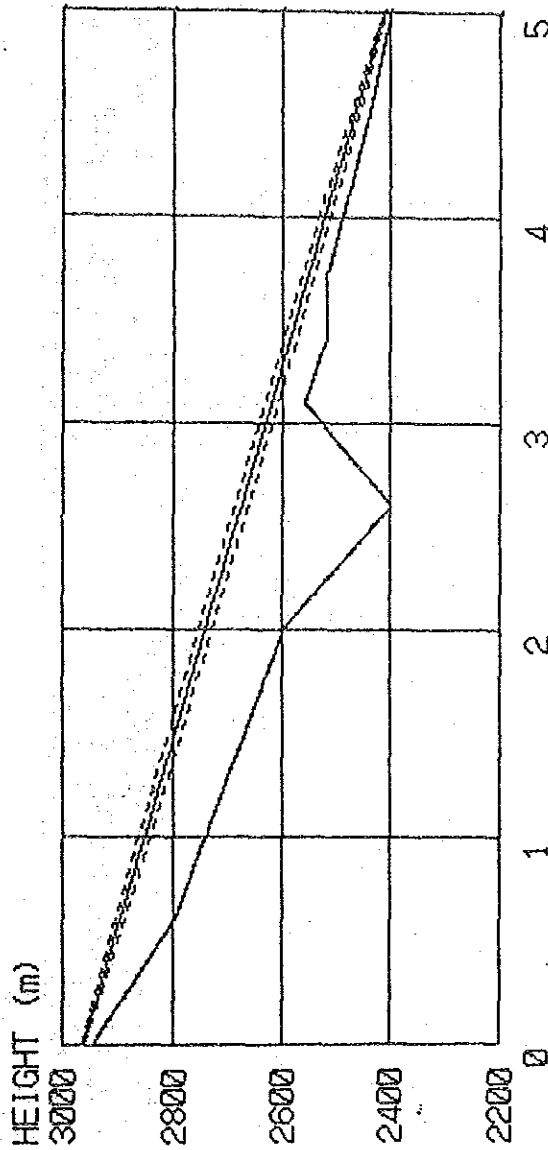
SITE NAME : IBB	SITE NAME : AD DUHRAH
GROUND LEVEL : 1985.0 m	GROUND LEVEL : 2360.0 m
ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m

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

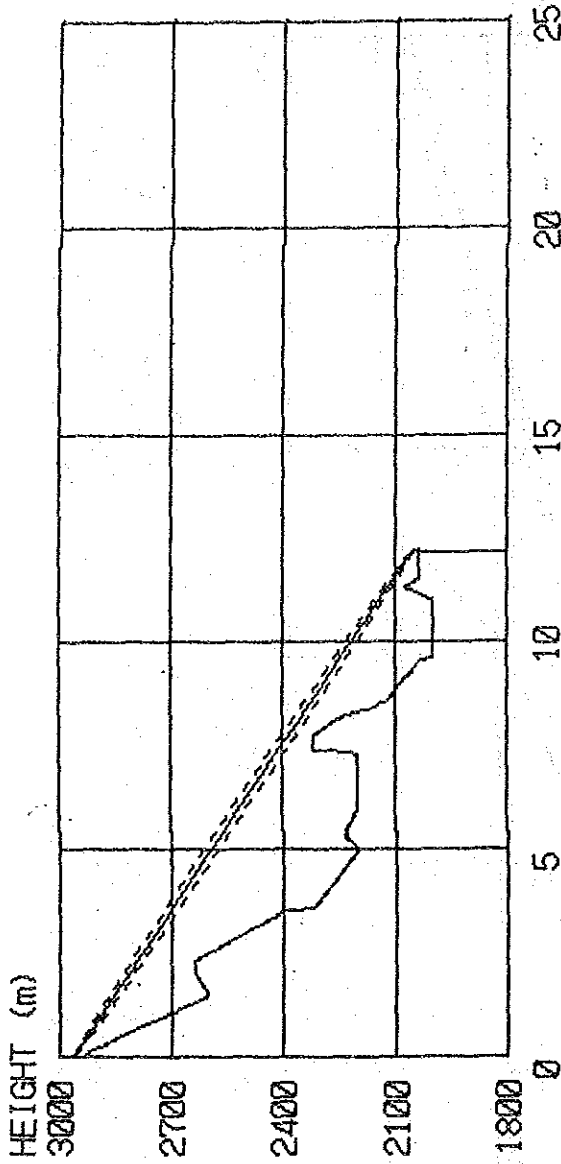
SITE NAME : J. AL QABRAYN SITE NAME : MABARI
 GROUND LEVEL : 2948.0 m GROUND LEVEL : 2400.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

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)



DISTANCE : 12.2 km

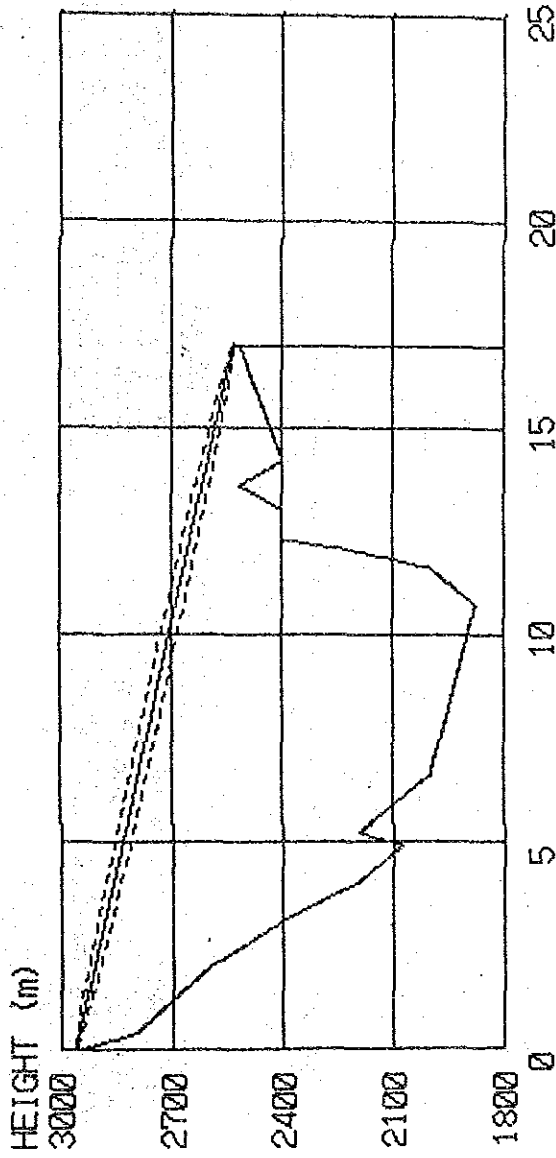
SITE NAME : J.AL QABRAYN SITE NAME : AL HAMMAMI
 GROUND LEVEL : 2948.0 m GROUND LEVEL : 2040.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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)



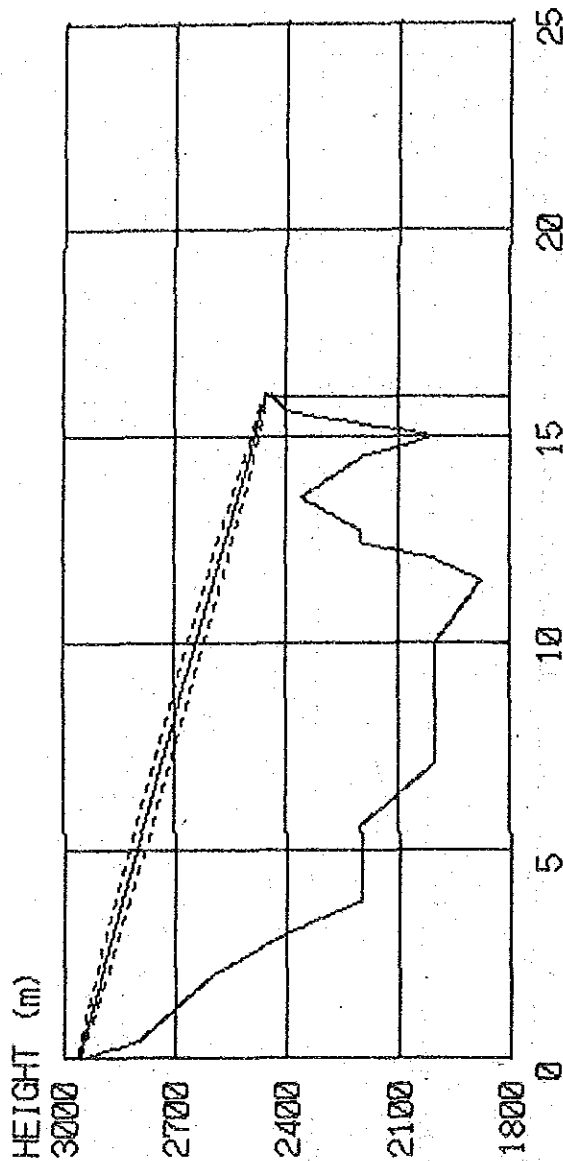
SITE NAME : J.AL QABRAYN DISTANCE : 17 km SITE NAME : AL MABAR
 GROUND LEVEL : 2948.0 m GROUND LEVEL : 2520.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 16 km

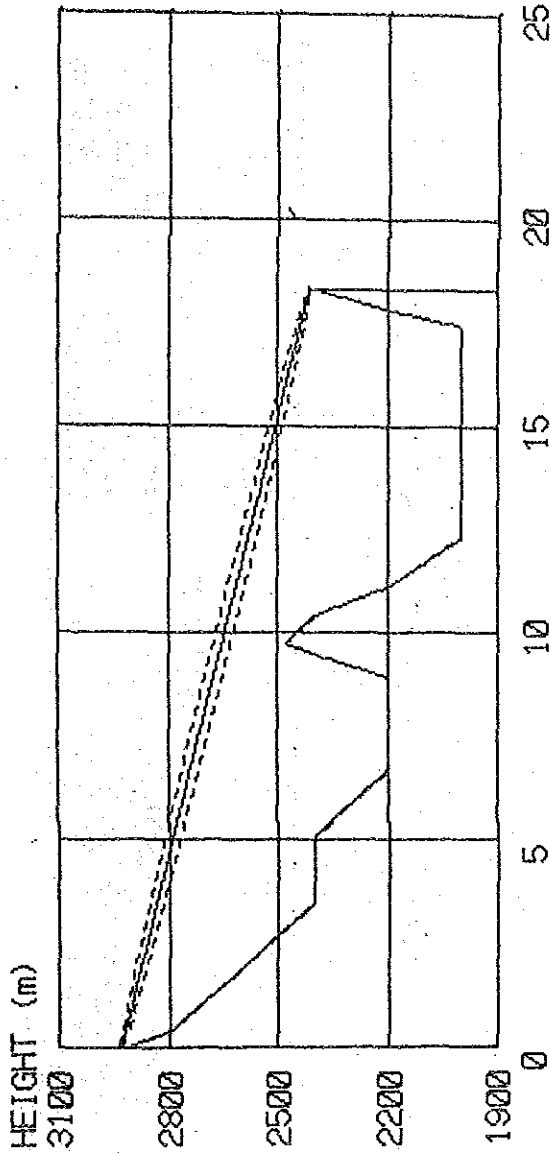
SITE NAME : J. AL QABRAYN SITE NAME : AL JAHSHI
 GROUND LEVEL : 2948.0 m GROUND LEVEL : 2440.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 15.6 Km	RIDGE HEIGHT	: 2400.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 7.0 m
CLEARANCE	: 62.5 m	CLEARANCE FAC.	: 8.9
FREE SPACE LOSS	: 124.1 dB	RIDGE LOSS	: 0.1 dB
TOTAL LOSS	: 124.2 dB		

PROFILE No.	90
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 18.3 km

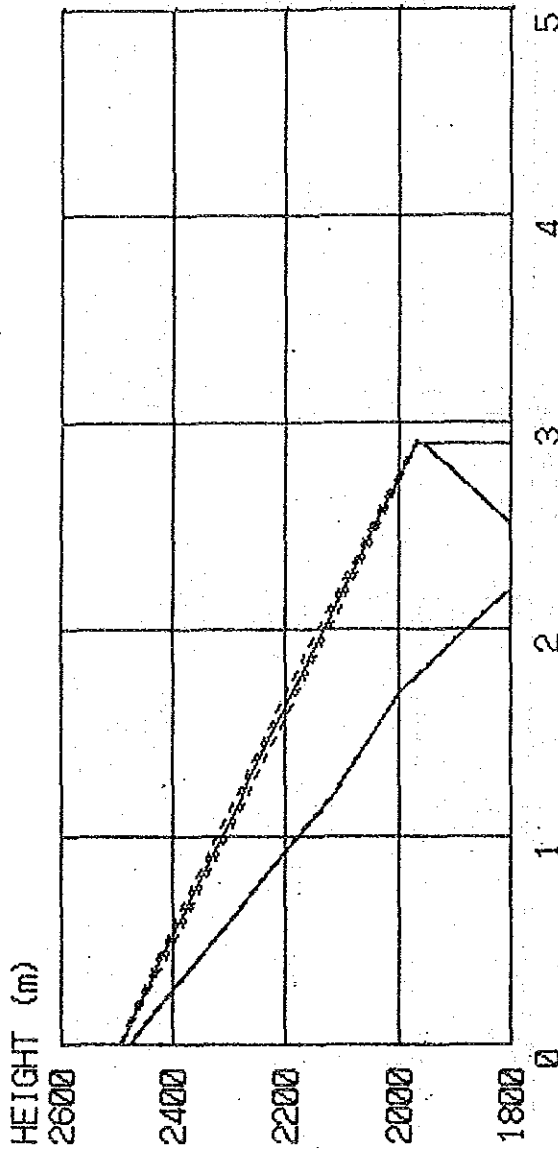
SITE NAME : J.AL GABRAYN SITE NAME : AR RABAI
 GROUND LEVEL : 2920.0 m GROUND LEVEL : 2400.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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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P R O F I L E

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



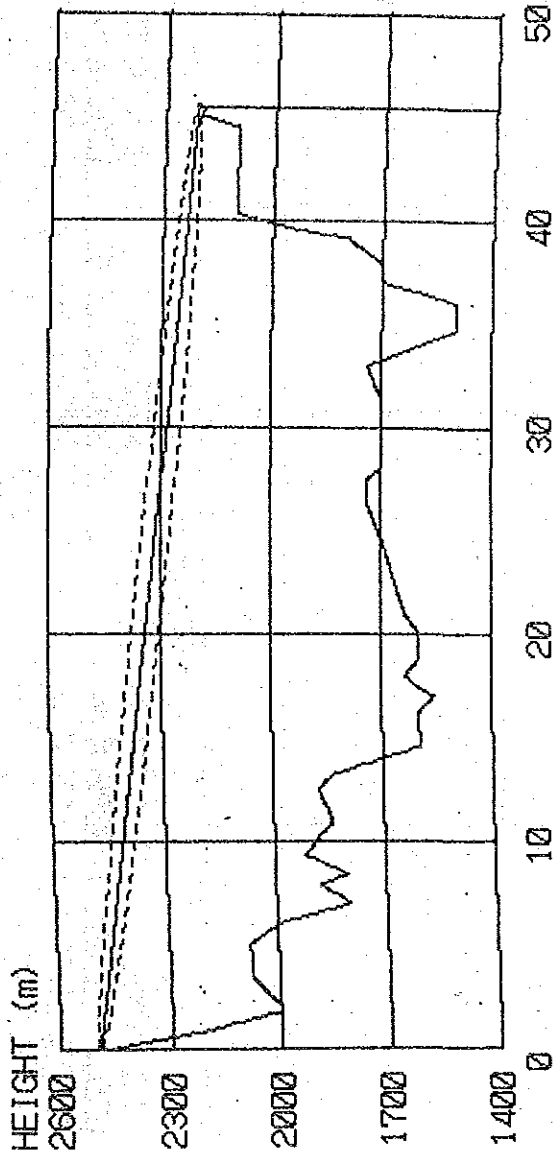
SITE NAME : J.SAID D I S T A N C E : 2.9 km SITE NAME : NAJD AL JUMAI
 GROUND LEVEL : 2480.0 m GROUND LEVEL : 1960.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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)



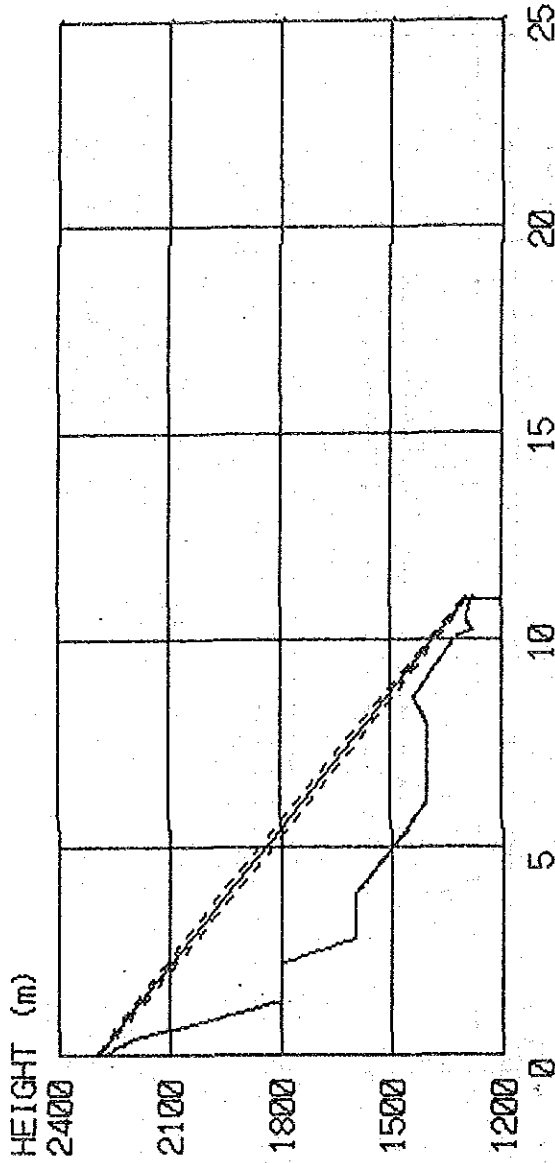
DISTANCE : 45.5 km
 SITE NAME : MURRAYSI
 GROUND LEVEL : 2200.0 m
 ANT.HEIGHT 1 : 15.0 m
 ANT.HEIGHT 2 : 10.0 m

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)



DISTANCE : 11 km

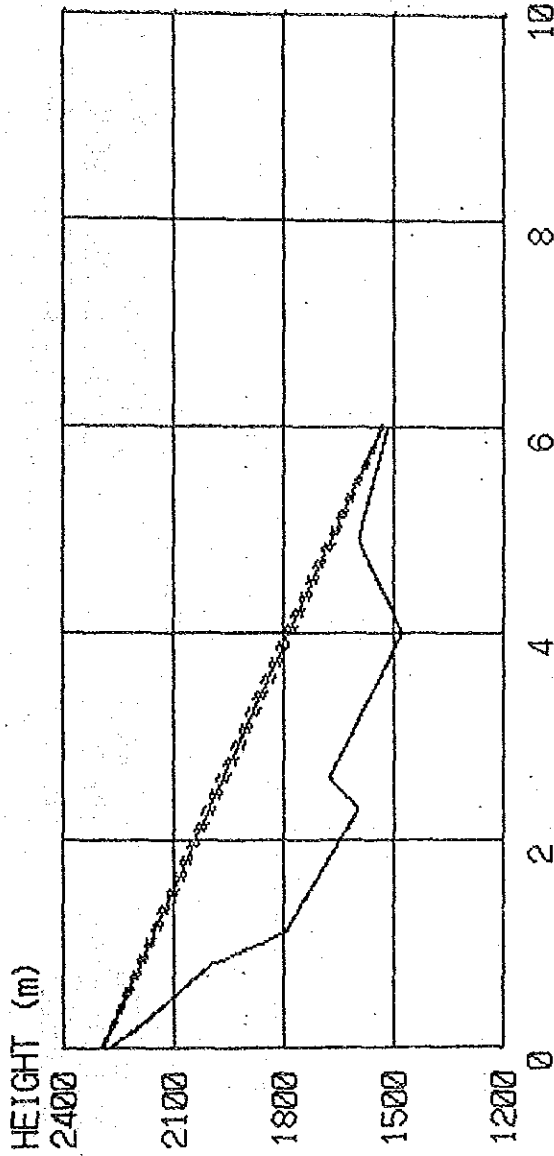
SITE NAME : MASHWARAH SITE NAME : AL UDAYN
 GROUND LEVEL : 2280.0 m GROUND LEVEL : 1280.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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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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 km

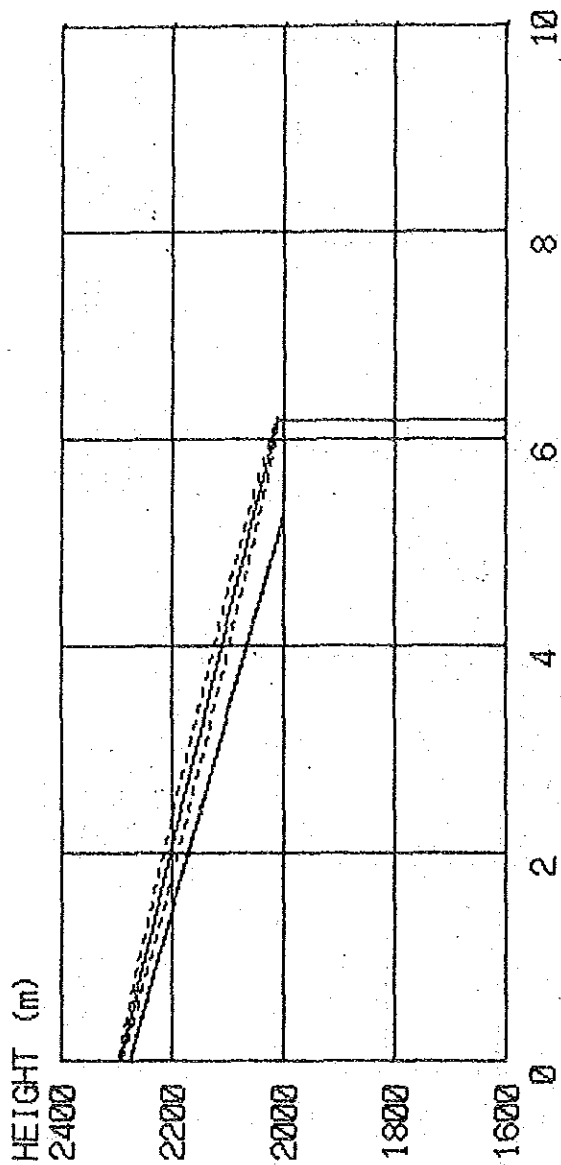
S I T E N A M E : M A S H W A R A H	S I T E N A M E : A L M A R A K I B
G R O U N D L E V E L : 2280.0 m	G R O U N D L E V E L : 1520.0 m
A N T . H E I G H T 1 : 15.0 m	A N T . H E I G H T 2 : 10.0 m

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 : 4.9 Km	R I D G E H E I G H T : 1600.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P . : 10.6 m
C L E A R A N C E : 69.9 m	C L E A R A N C E F A C . : 6.6
F R E E S P A C E L O S S : 115.6 dB	R I D G E L O S S : 0.2 dB
T O T A L L O S S : 115.8 dB	

P R O F I L E N o .	95
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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 : 6.2 km

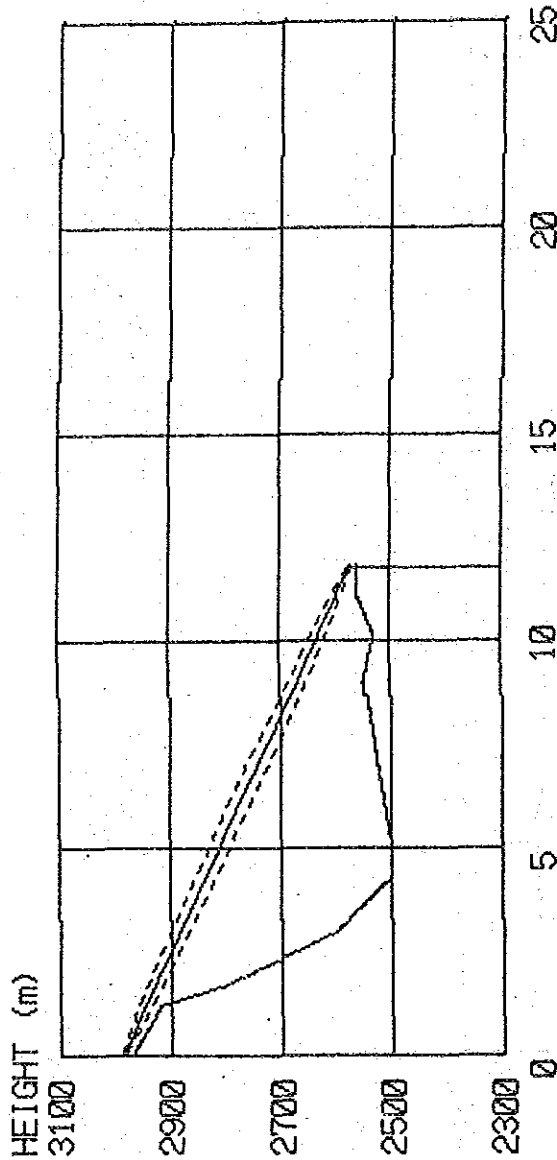
S I T E N A M E : M A S H W A R A H S I T E N A M E : A K A M A T A S S A F A N I
 G R O U N D L E V E L : 2280.0 m G R O U N D L E V E L : 2000.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

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	: 1.5 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 .	: 11.9 m
C L E A R A N C E	: 25.6 m	C L E A R A N C E F A C .	: 2.2
F R E E S P A C E L O S S	: 115.9 dB	R I D G E L O S S	: -0.6 dB
T O T A L L O S S	: 115.3 dB		

P R O F I L E N o .	96
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 11.8 km

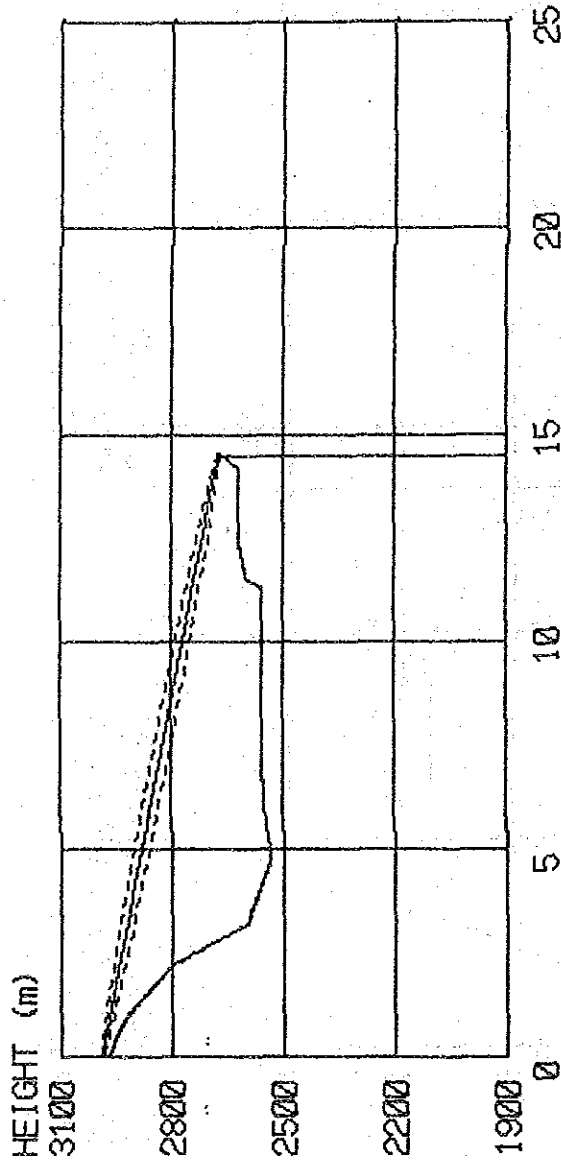
SITE NAME : J. SUMARAH SITE NAME : DHI SARIF
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2560.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

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)



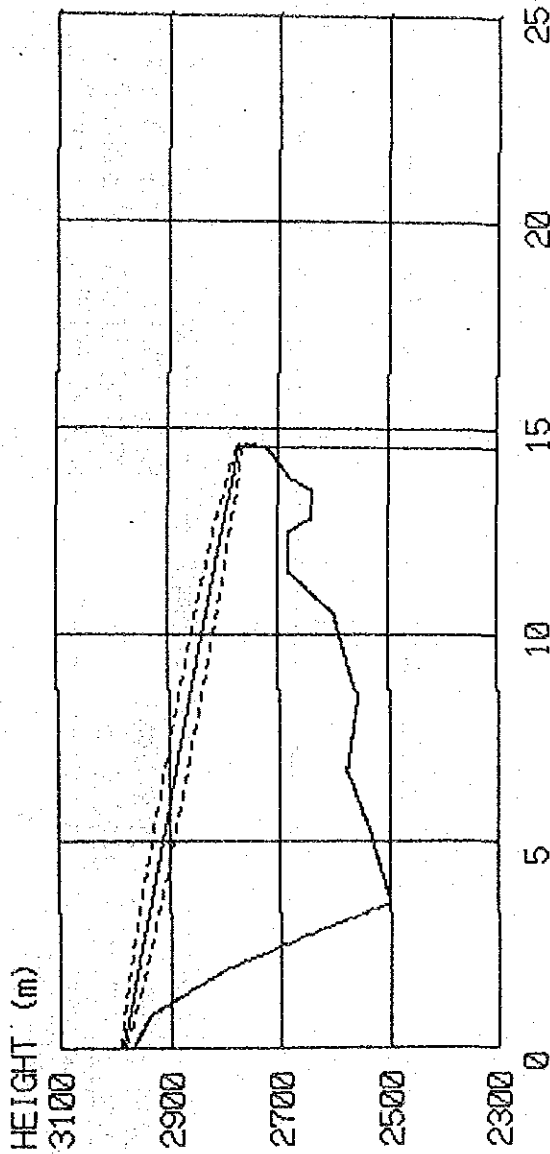
SITE NAME : J.SUMARAH DISTANCE : 14.5 km
 GROUND LEVEL : 2973.0 m SITE NAME : HADDAT ULAYS
 ANT.HEIGHT 1 : 15.0 m GROUND LEVEL : 2660.0 m
 ANT.HEIGHT 2 : 10.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 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)



DISTANCE : 14.6 km

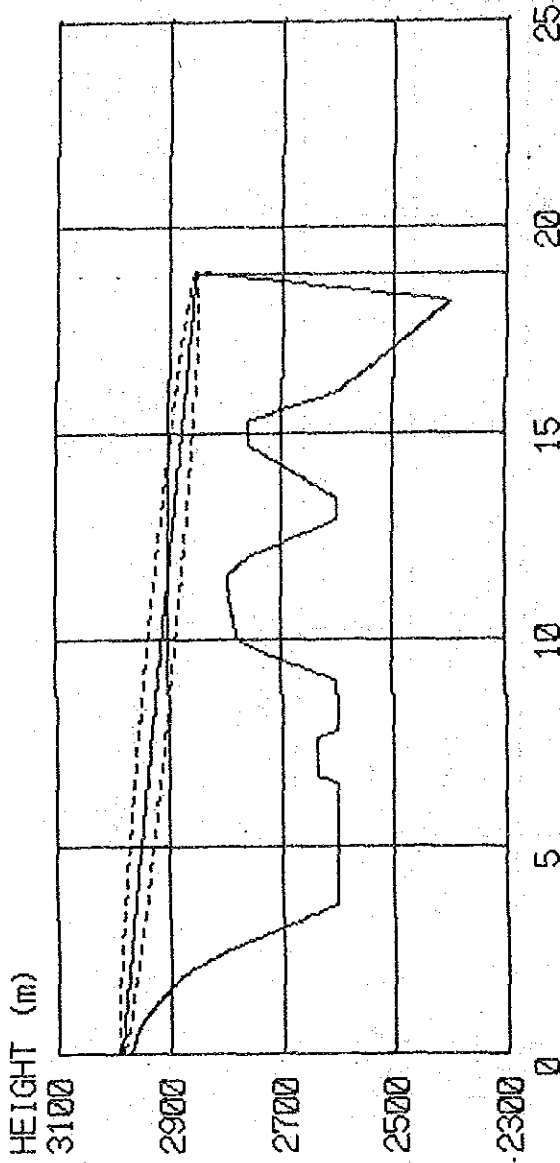
SITE NAME : J. SUMARAH SITE NAME : BAYT AL ASHWAL
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2760.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

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

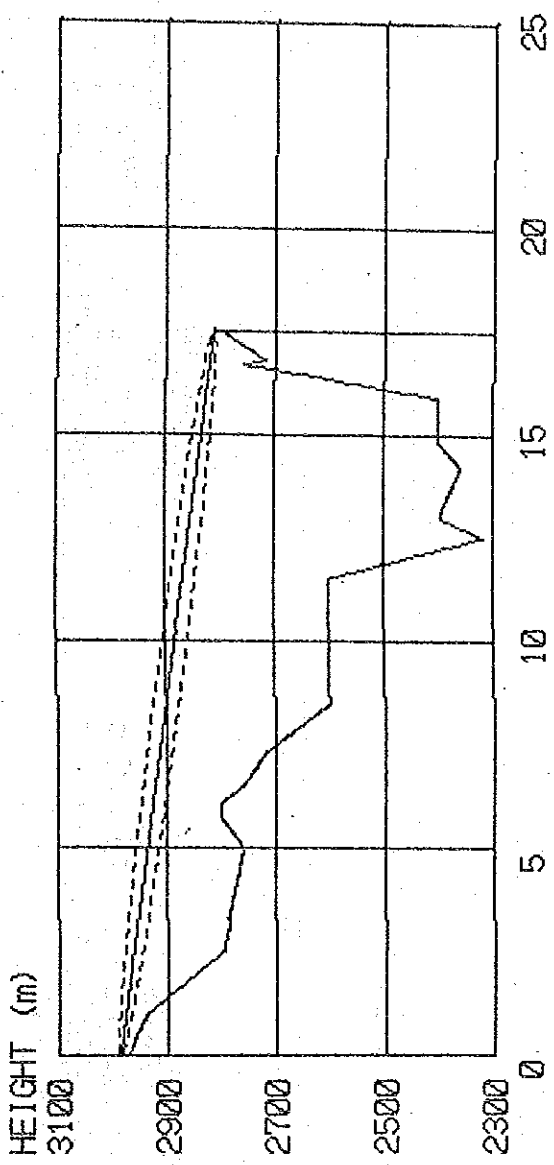
SITE NAME : J. SUMARAH SITE NAME : AL MISORAH
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2840.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

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)



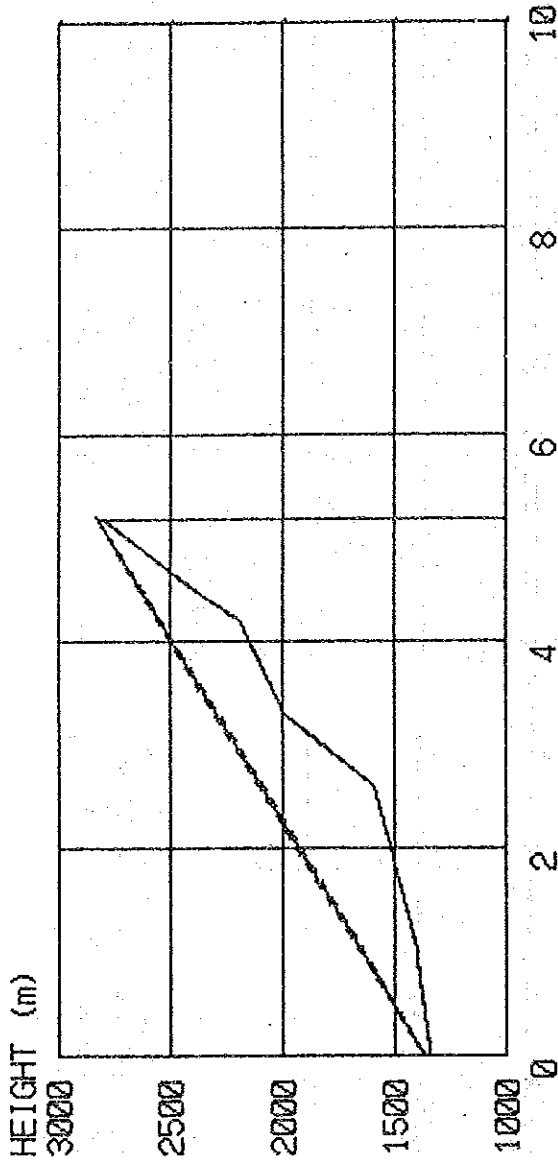
SITE NAME : J.SUMARAH DISTANCE : 17.5 km SITE NAME : AL MAGALIH
 GROUND LEVEL : 2973.0 m GROUND LEVEL : 2800.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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

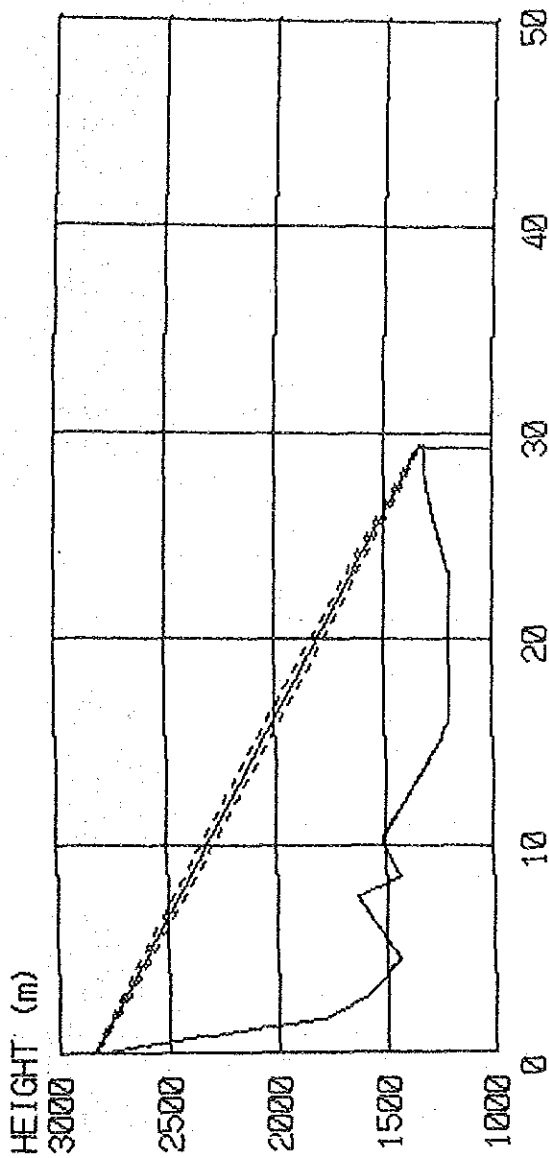
SITE NAME : TAIZZ	SITE NAME : ARUS(O/H)
GROUND LEVEL : 1345.0 m	GROUND LEVEL : 2820.0 m
ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m

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)



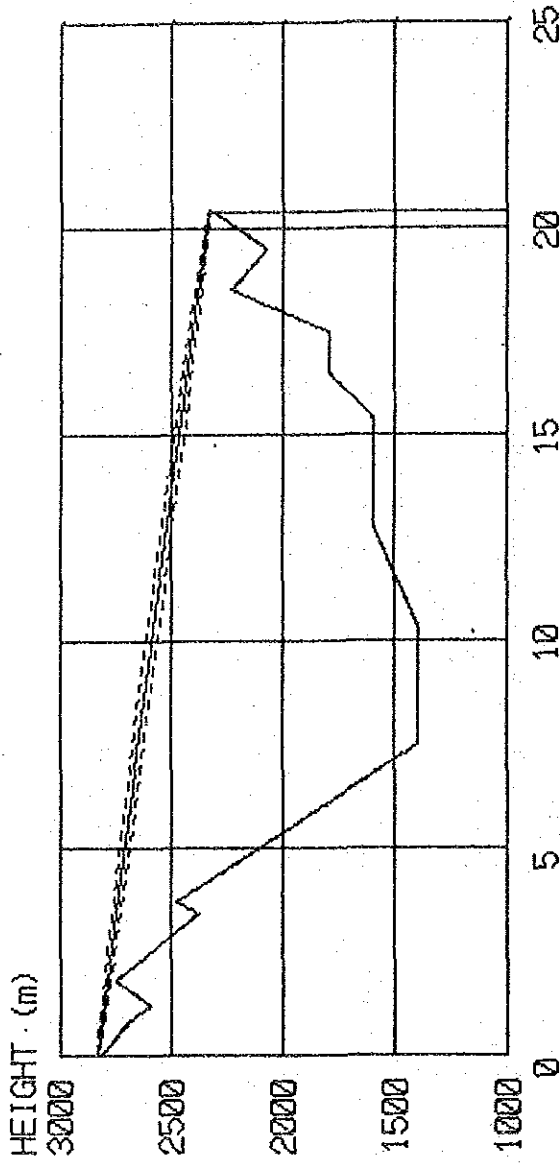
DISTANCE : 29.4 km
 SITE NAME : H.OMAIMAH
 GROUND LEVEL : 1320.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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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P R O F I L E

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



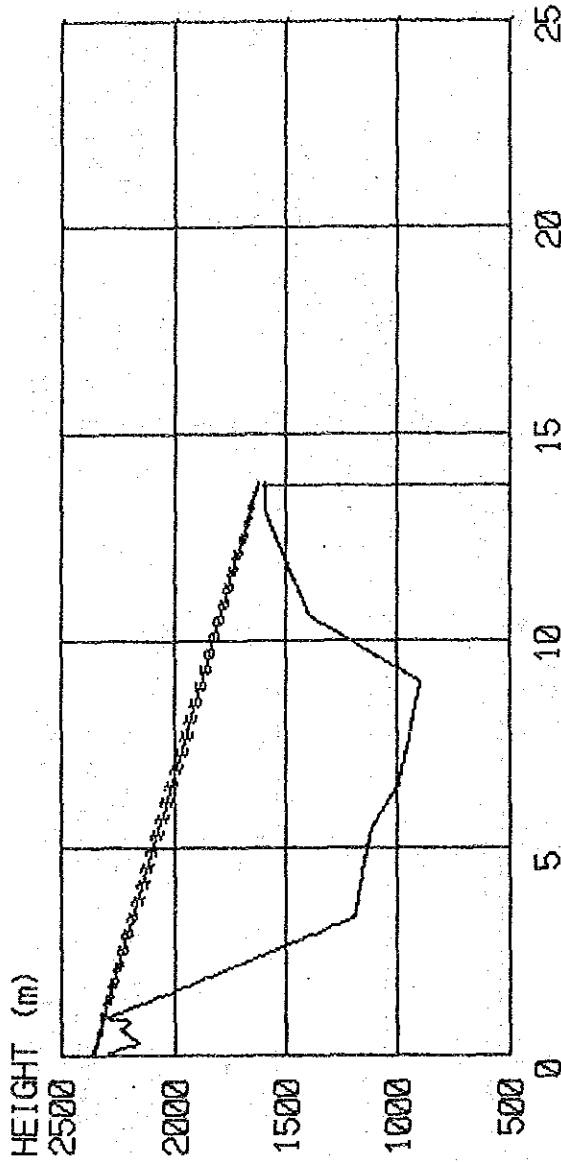
SITE NAME : ARUS(O/H) D I S T A N C E : 20.4 km S I T E N A M E : J. HABASHI
 G R O U N D L E V E L : 2820.0 m G R O U N D L E V E L : 2320.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

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	:	1.8 Km	:	R I D G E H E I G H T	:	2760.0 m
T R E E H E I G H T	:	0.0 m	:	F R E S N E L D E P .	:	14.3 m
C L E A R A N C E	:	28.5 m	:	C L E A R A N C E F A C .	:	2.0
F R E E S P A C E L O S S	:	126.3 dB	:	R I D G E L O S S	:	0.6 dB
T O T A L L O S S	:	126.8 dB	:		:	

P R O F I L E N o .	106
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 13.8 km

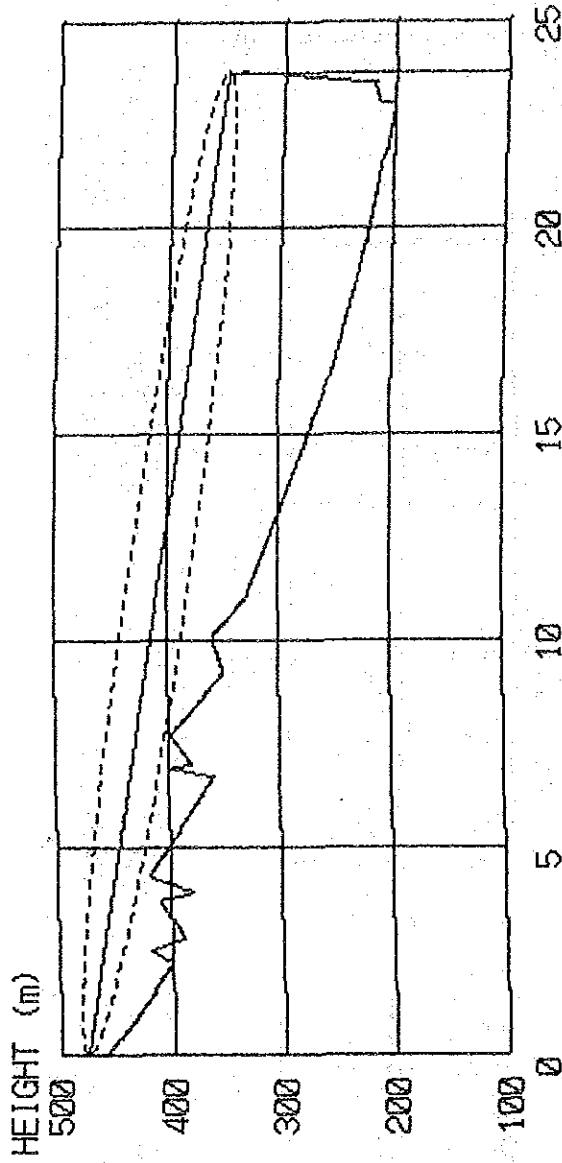
SITE NAME : J.HABASHI SITE NAME : ARID
 GROUND LEVEL : 2320.0 m GROUND LEVEL : 1600.0 m
 ANT.HEIGHT 1 : 43.0 m ANT.HEIGHT 2 : 15.0 m

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 DEP.	: 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)



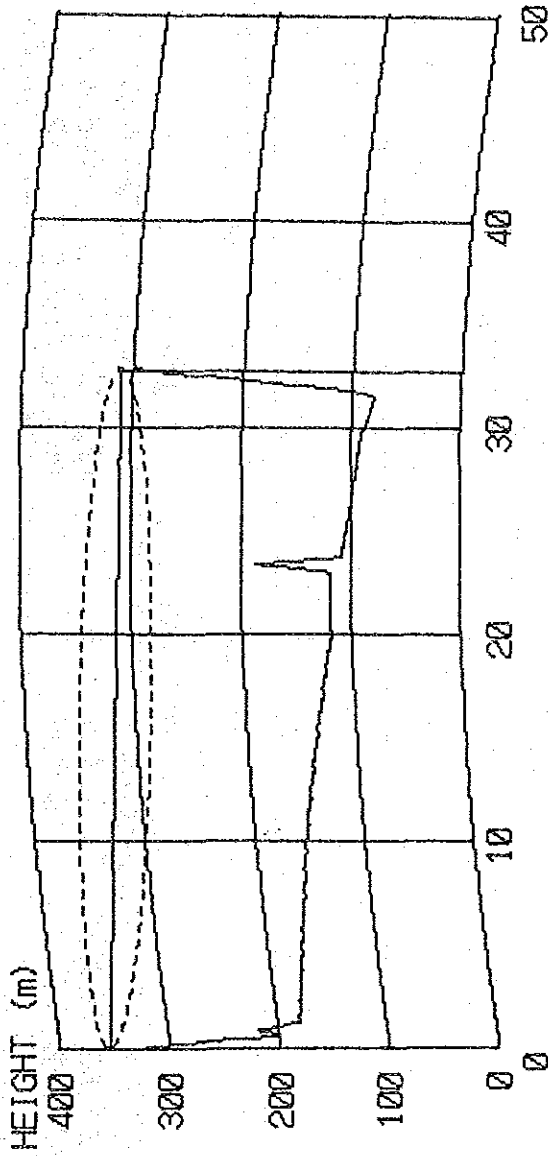
DISTANCE : 23.8 km
 SITE NAME : H. AN HANAN : J. AN NAR
 GROUND LEVEL : 460.0 m : 340.0 m
 ANT. HEIGHT 1 : 15.0 m : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 7.7 Km	RIDGE HEIGHT	: 400.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 25.5 m
CLEARANCE	: 27.3 m	CLEARANCE FAC.	: 1.1
FREE SPACE LOSS	: 127.6 dB	RIDGE LOSS	: -0.6 dB
TOTAL LOSS	: 127.0 dB		

PROFILE No.	110
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 32.8 km

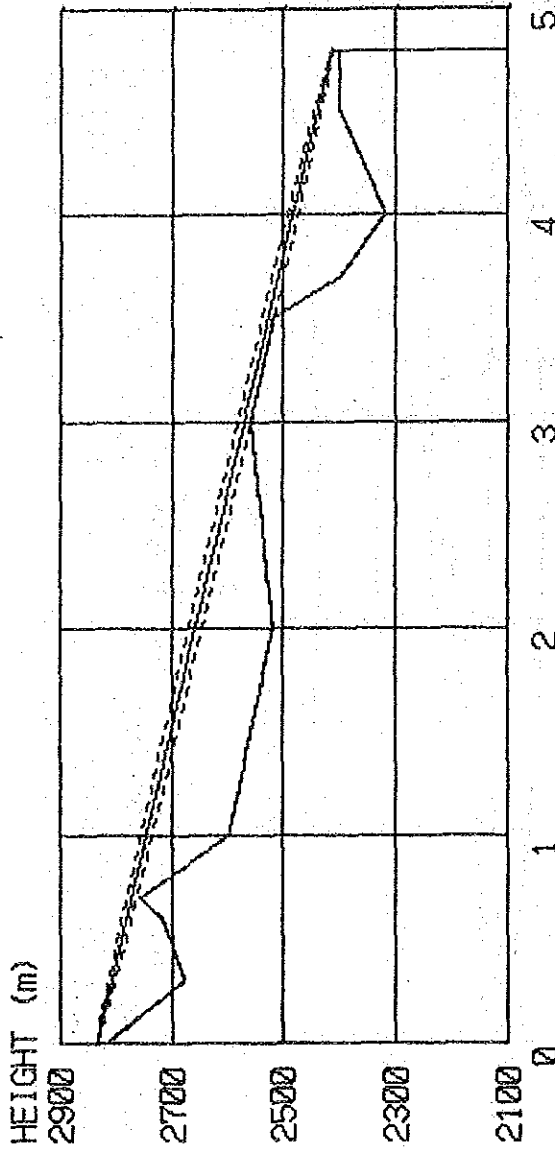
SITE NAME : J. AN NAR	SITE NAME : J. AL UMARI
GROUND LEVEL : 340.0 m	GROUND LEVEL : 300.0 m
ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 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

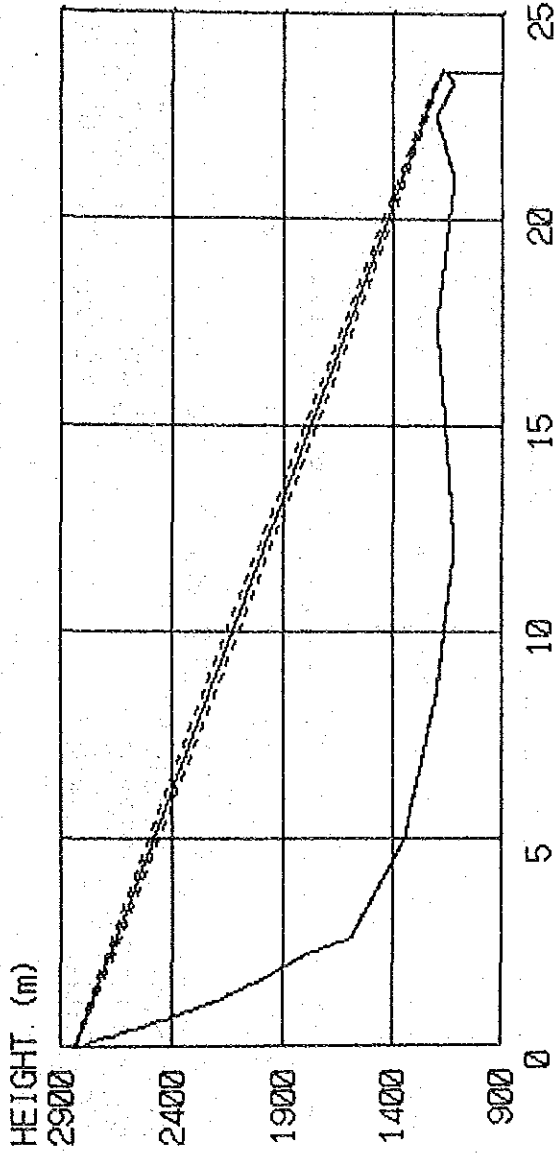
SITE NAME : ARUS(O/H) SITE NAME : HADNAN
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 2400.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 12.0 m

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)



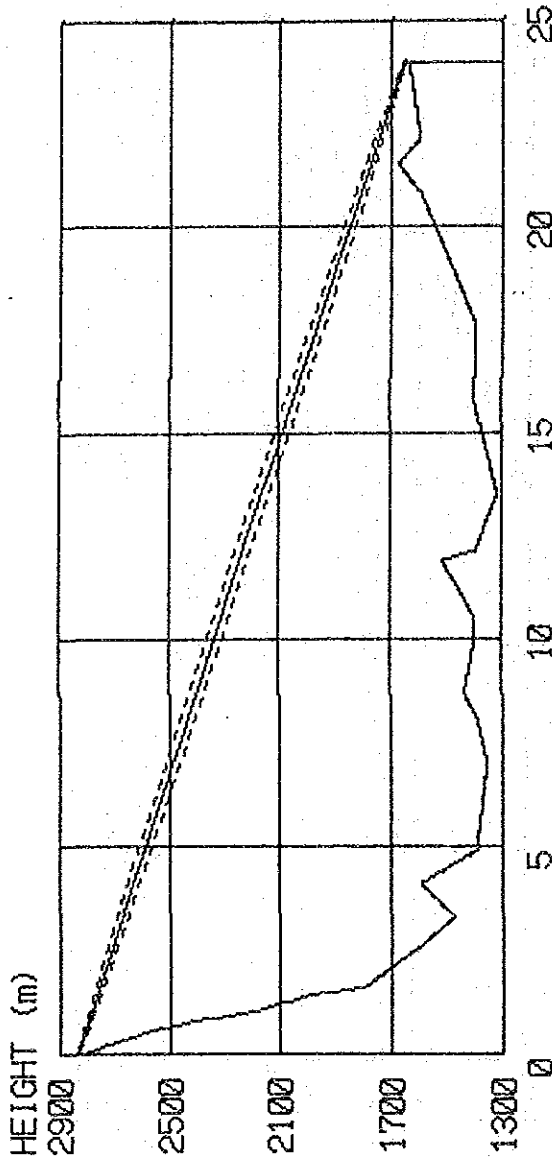
DISTANCE : 23.6 km
 SITE NAME : AL HUSAYN
 GROUND LEVEL : 1160.0 m
 ANT.HEIGHT 1 : 15.0 m
 ANT.HEIGHT 2 : 10.0 m

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)



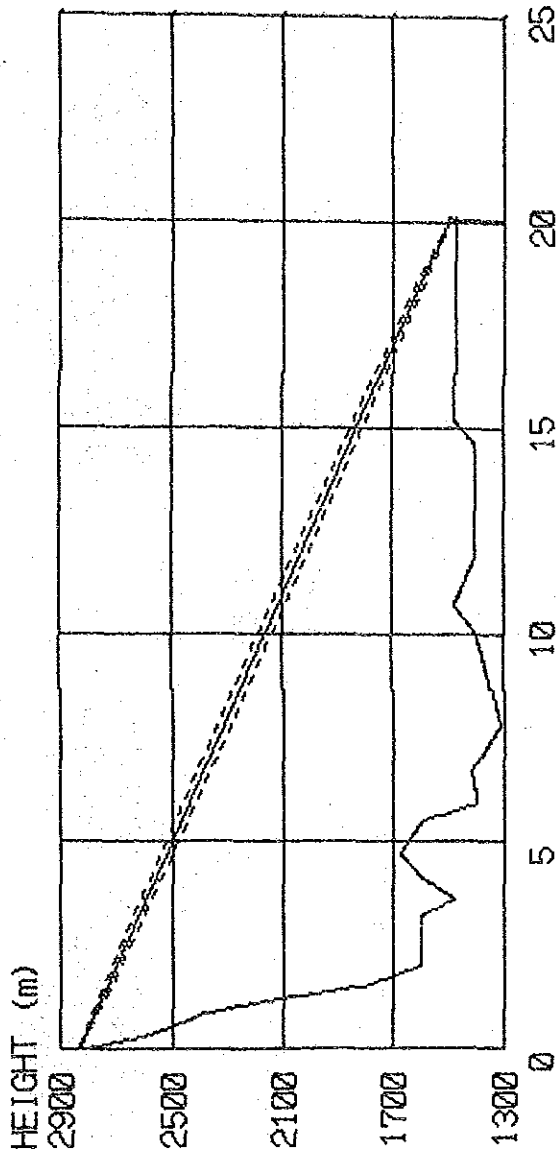
SITE NAME : ARIJS(O/H) DISTANCE : 24 km SITE NAME : AL AMAKIR
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 1640.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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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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 : 20.1 km

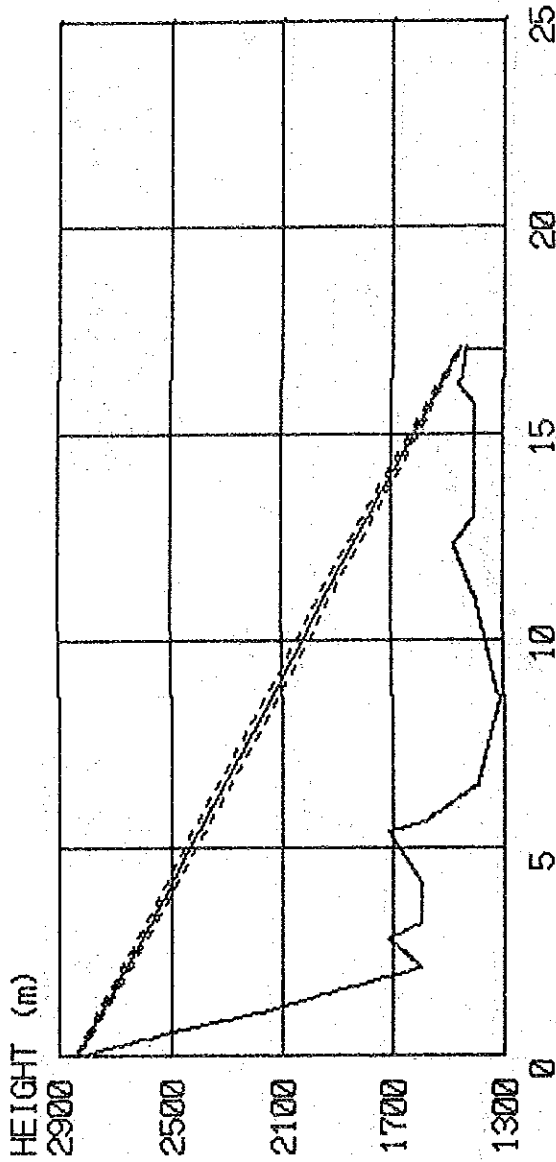
S I T E N A M E : ARJUS(O/H) S I T E N A M E : AL AMAQI
 G R O U N D L E V E L : 2820.0 m G R O U N D L E V E L : 1480.0 m
 A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

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 : 15.2 Km	R I D G E H E I G H T : 1480.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P . : 21.5 m
C L E A R A N C E : 333.5 m	C L E A R A N C E F A C . : 15.5
F R E E S P A C E L O S S : 126.1 dB	R I D G E L O S S : 0.0 dB
T O T A L L O S S : 126.2 dB	

P R O F I L E N o .	115
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 17.1 km

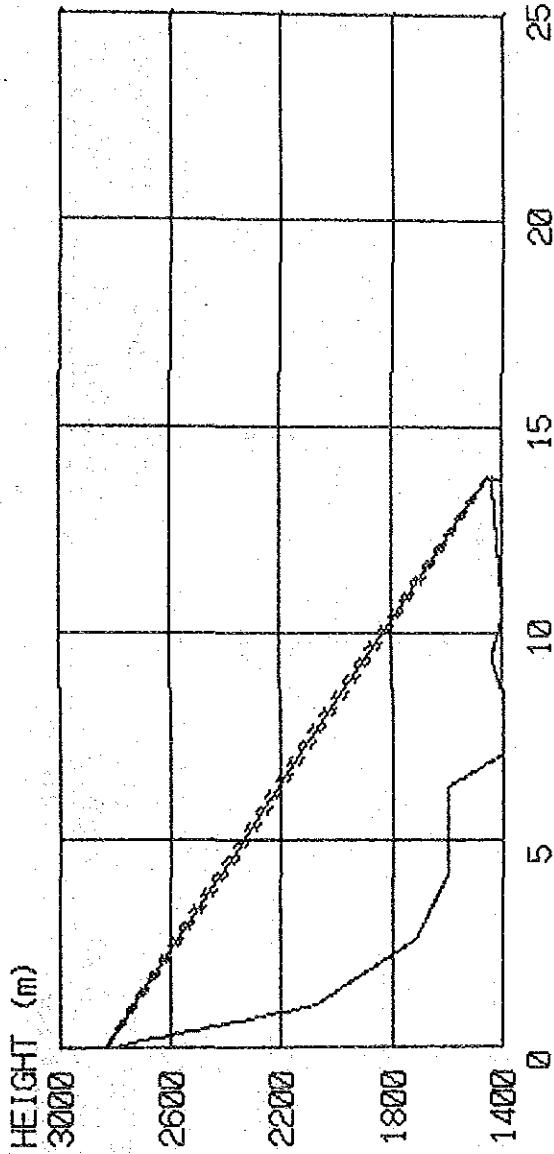
SITE NAME : ARUS (O/H) SITE NAME : QARAHMAH
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 1440.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

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

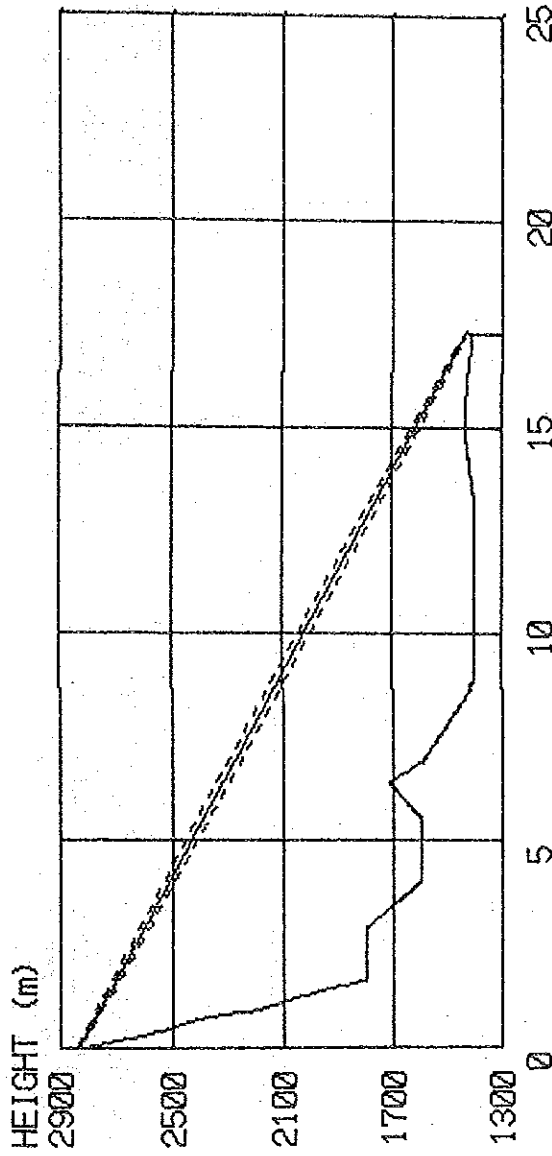
SITE NAME : ARUS(O/H) SITE NAME : AS SAMKAR
 GROUND LEVEL : 2820.0 m GROUND LEVEL : 1440.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 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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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 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

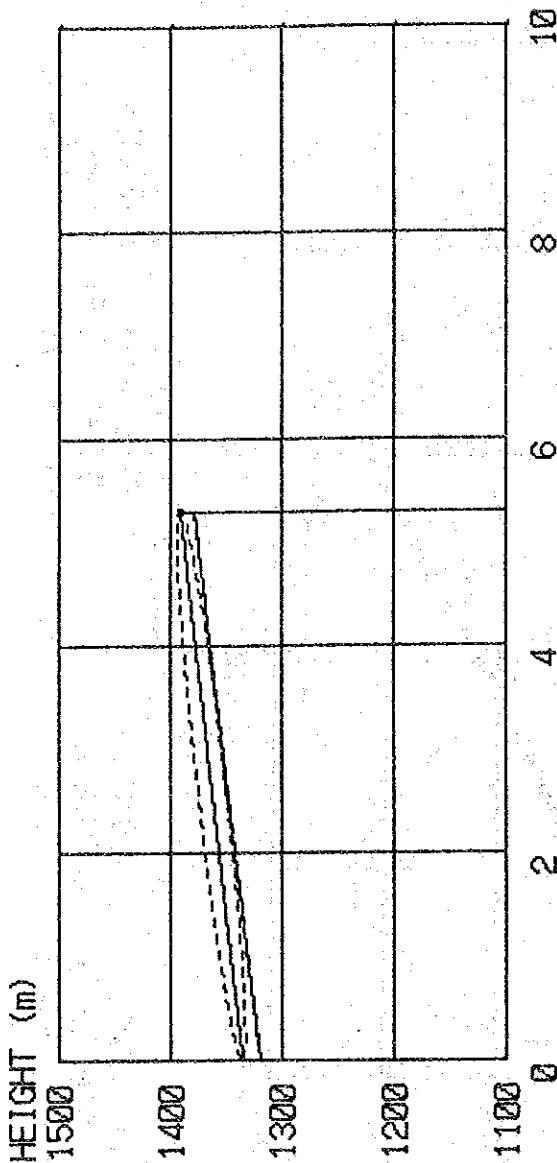
A N T . H E I G H T 1 : 15.0 m A N T . H E I G H T 2 : 10.0 m

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

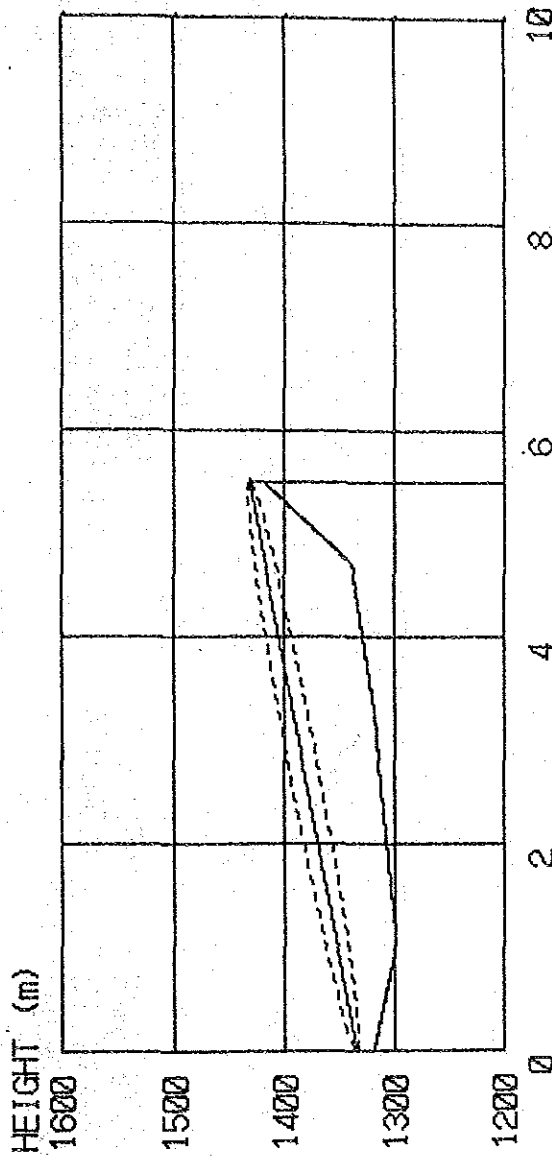
SITE NAME : H.OMAIMAH	SITE NAME : BAYT UBAYDAN
GROUND LEVEL : 1320.0 m	GROUND LEVEL : 1380.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

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

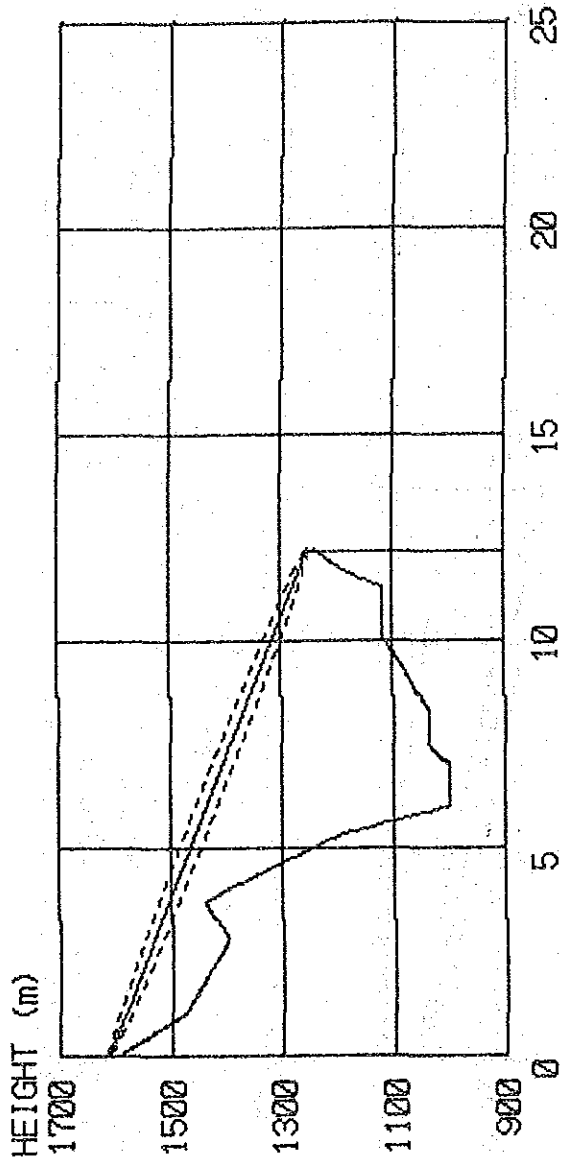
SITE NAME : H.OMAIMAH SITE NAME : GARYAT JARANI
 GROUND LEVEL : 1320.0 m GROUND LEVEL : 1420.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

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 DEP.	: 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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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 12.2 km

SITE NAME : YUFRUS

GROUND LEVEL : 1240.0 m

ANT.HEIGHT 2 : 10.0 m

SITE NAME : ARID

GROUND LEVEL : 1600.0 m

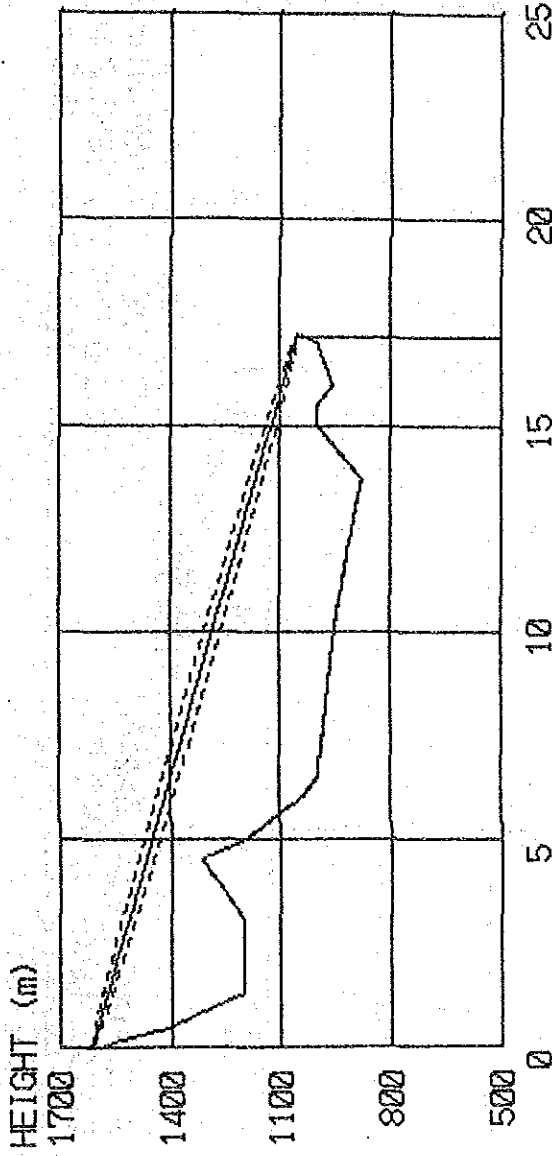
ANT.HEIGHT 1 : 15.0 m

ANT.HEIGHT 1	:	15.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	3.7 Km	:	RIDGE HEIGHT	:	1440.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	18.0 m
CLEARANCE	:	62.5 m	:	CLEARANCE FAC.	:	3.5
FREE SPACE LOSS	:	121.8 dB	:	RIDGE LOSS	:	0.2 dB
TOTAL LOSS	:	122.0 dB	:		:	

PROFILE No.	122
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



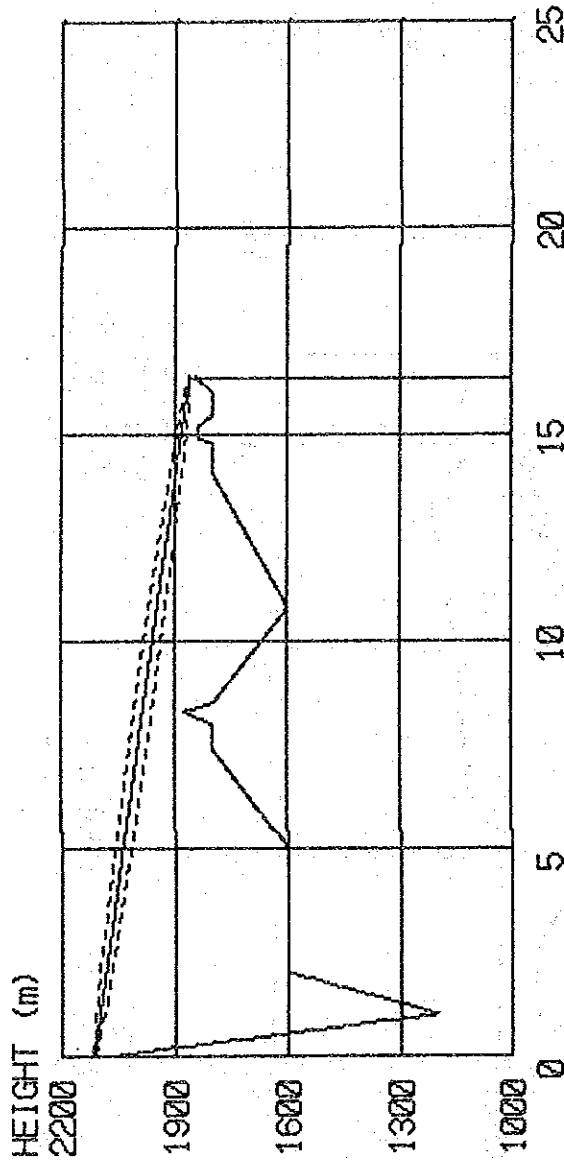
SITE NAME : ARID DISTANCE : 17.2 km
 GROUND LEVEL : 1600.0 m SITE NAME : AL MUDAYHIS
 ANT.HEIGHT 1 : 15.0 m GROUND LEVEL : 1040.0 m
 ANT.HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 4.5 Km	RIDGE HEIGHT : 1320.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 20.4 m
CLEARANCE : 143.8 m	CLEARANCE FAC. : 7.1
FREE SPACE LOSS : 124.8 dB	RIDGE LOSS : 0.2 dB
TOTAL LOSS : 125.0 dB	

PROFILE No.	123
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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 : 16.4 km

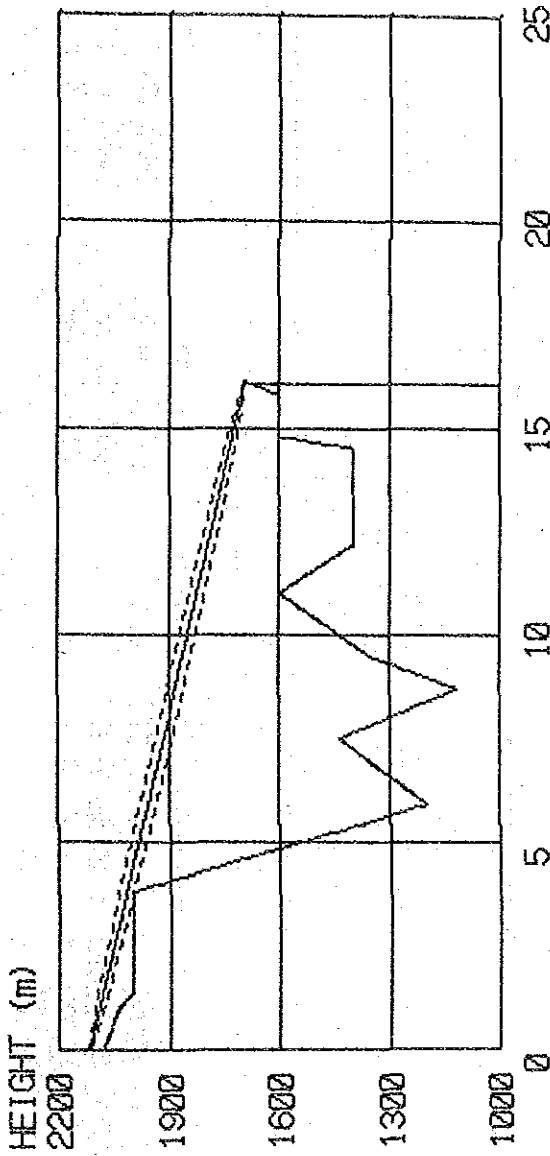
S I T E N A M E : J. S A B A R A N S I T E N A M E : A S H S H A R A F
 G R O U N D L E V E L : 2080.0 m G R O U N D L E V E L : 1850.0 m
 A N T . H E I G H T 1 : 35.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1	:	35.0 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	:	15.2 Km	:	R I D G E H E I G H T	:	1840.0 m
T R E E H E I G H T	:	0.0 m	:	F R E S N E L D E P .	:	11.8 m
C L E A R A N C E	:	37.6 m	:	C L E A R A N C E F A C .	:	3.2
F R E E S P A C E L O S S	:	124.4 dB	:	R I D G E L O S S	:	0.1 dB
T O T A L L O S S	:	124.5 dB	:		:	

P R O F I L E N O .	124
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 16.1 km

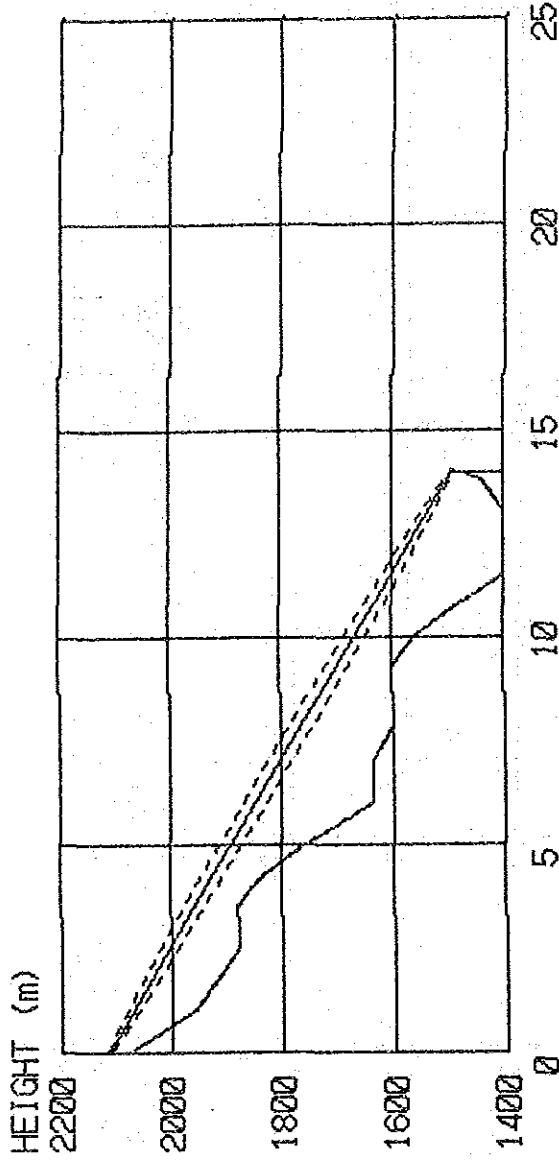
SITE NAME : J.SABARAN SITE NAME : HAYFAN
 GROUND LEVEL : 2080.0 m GROUND LEVEL : 1680.0 m
 ANT.HEIGHT 1 : 35.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	35.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	3.8 Km	:	RIDGE HEIGHT	:	2000.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	19.0 m
CLEARANCE	:	11.9 m	:	CLEARANCE FAC.	:	0.6
FREE SPACE LOSS	:	124.2 dB	:	RIDGE LOSS	:	-0.6 dB
TOTAL LOSS	:	123.6 dB	:		:	

PROFILE No.	125
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 14 km

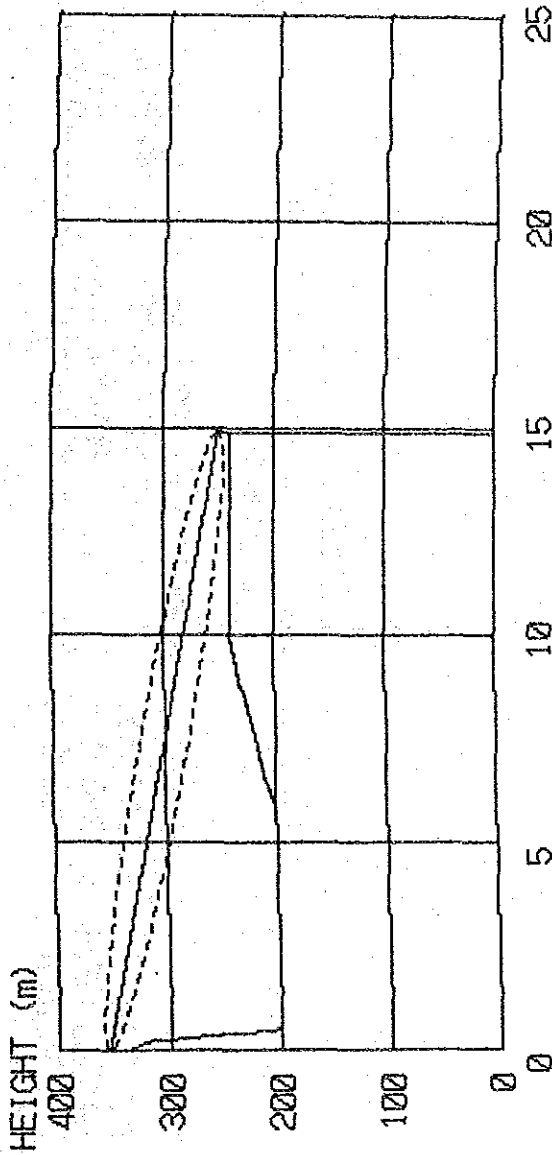
SITE NAME : J.SABARAN SITE NAME : SHAMHAT
 GROUND LEVEL : 2080.0 m GROUND LEVEL : 1480.0 m
 ANT.HEIGHT 1 : 35.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	35.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	3.5 Km	RIDGE HEIGHT	:	1880.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	18.1 m
CLEARANCE	:	76.6 m	CLEARANCE FAC.	:	4.2
FREE SPACE LOSS	:	123.0 dB	RIDGE LOSS	:	0.3 dB
TOTAL LOSS	:	123.3 dB			

PROFILE No.	126
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



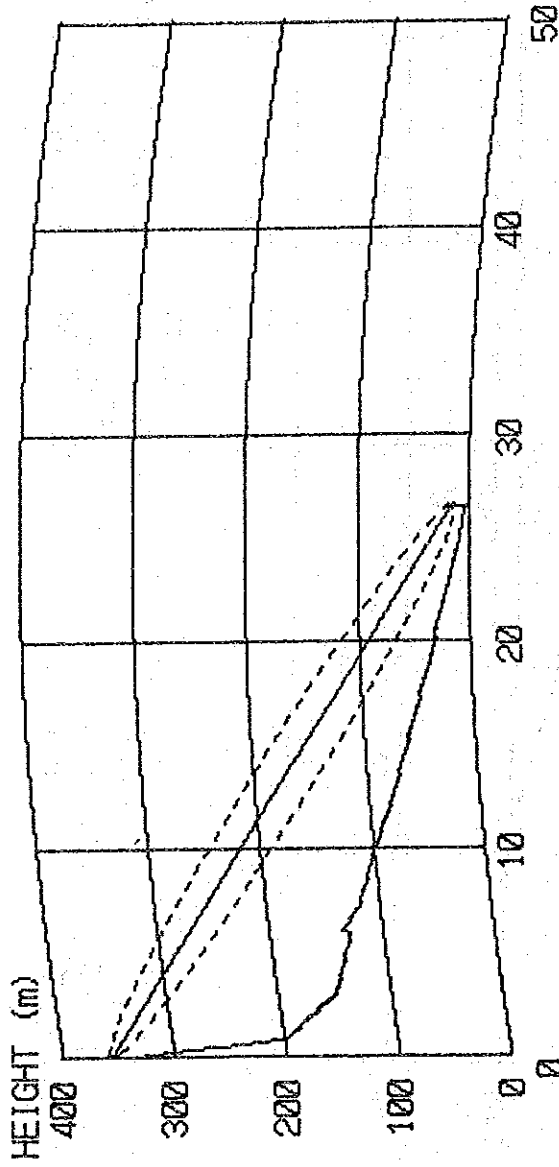
SITE NAME : J. AN NAR DISTANCE : 14.9 km SITE NAME : J. WADI BISYAN
 GROUND LEVEL : 340.0 m GROUND LEVEL : 240.0 m
 ANT. HEIGHT 1 : 15.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	12.6 Km	:	RIDGE HEIGHT	:	240.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	15.6 m
CLEARANCE	:	24.5 m	:	CLEARANCE FAC.	:	1.6
FREE SPACE LOSS	:	123.5 dB	:	RIDGE LOSS	:	-0.5 dB
TOTAL LOSS	:	123.0 dB	:		:	

PROFILE No.	127
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 26.5 km

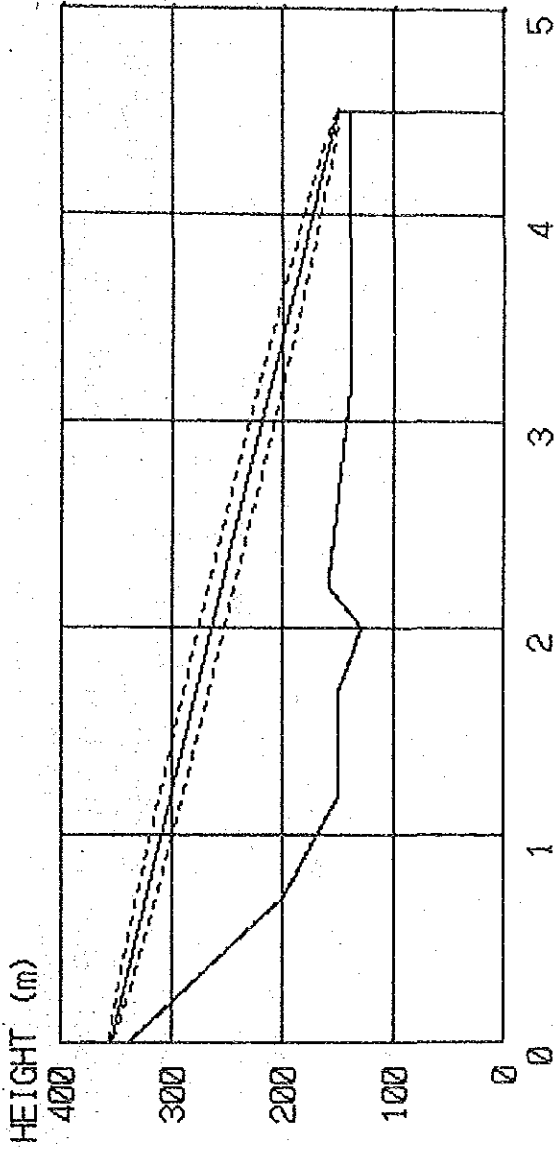
SITE NAME : J. AN NAR	SITE NAME : YAKHTUL
GROUND LEVEL : 340.0 m	GROUND LEVEL : 5.0 m
ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 24.8 Km	RIDGE HEIGHT : 10.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 14.1 m
CLEARANCE : 24.3 m	CLEARANCE FAC. : 1.7
FREE SPACE LOSS : 128.5 dB	RIDGE LOSS : -0.6 dB
TOTAL LOSS : 127.9 dB	

PROFILE No.	128
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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 : 4.5 km

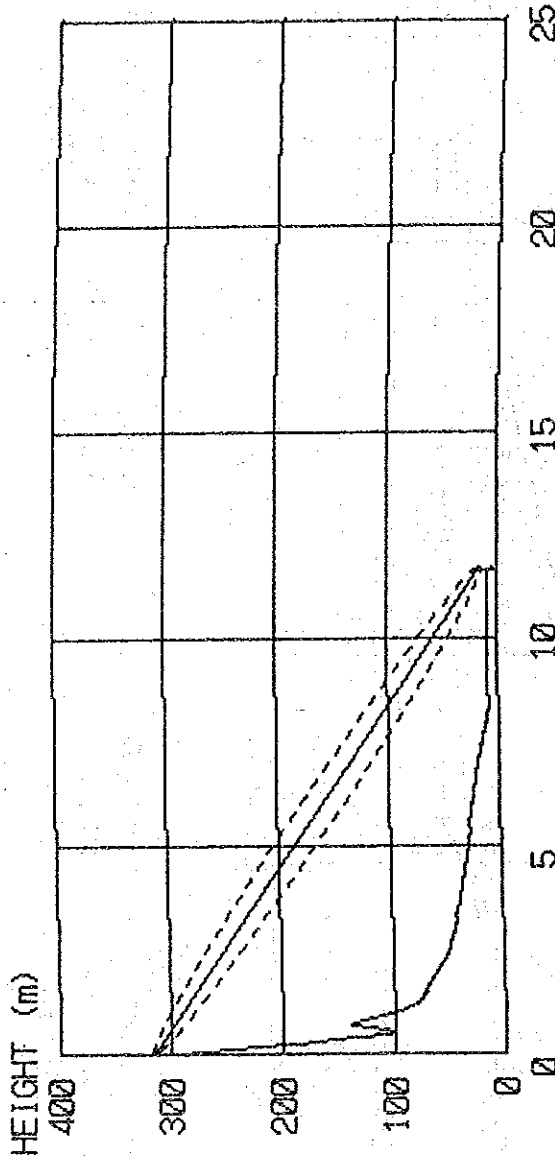
S I T E N A M E : J. A N N A R	S I T E N A M E : A T H T H A M B A N I
G R O U N D L E V E L : 340.0 m	G R O U N D L E V E L : 140.0 m
A N T. H E I G H T 1 : 15.0 m	A N T. H E I G H T 2 : 10.0 m

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 : 4.0 Km	R I D G E H E I G H T : 140.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P. : 7.5 m
C L E A R A N C E : 32.7 m	C L E A R A N C E F A C. : 4.4
F R E E S P A C E L O S S : 113.1 dB	R I D G E L O S S : -0.1 dB
T O T A L L O S S : 113.1 dB	

P R O F I L E N o.	129
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 11.7 km

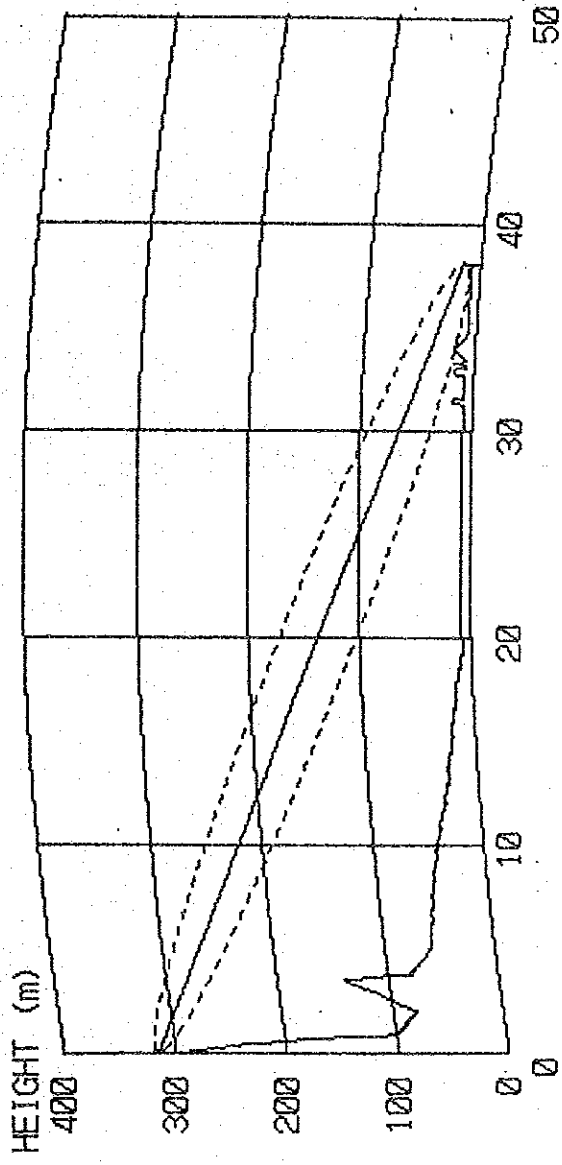
SITE NAME : J. AL UMARI	SITE NAME : DHUBAB
GROUND LEVEL : 300.0 m	GROUND LEVEL : 5.0 m
ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 11.6 Km	RIDGE HEIGHT : 10.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 3.5 m
CLEARANCE : 7.5 m	CLEARANCE FAC. : 2.1
FREE SPACE LOSS : 121.4 dB	RIDGE LOSS : -0.5 dB
TOTAL LOSS : 120.9 dB	

PROFILE No.	130
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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 : 38.1 km

S I T E N A M E : J . A L U M A R I S I T E N A M E : B A B A L M A N D A B
 G R O U N D L E V E L : 300.0 m G R O U N D L E V E L : 5.0 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 : 34.0 Km	R I D G E H E I G H T : 20.0 m
T R E E H E I G H T : 0.0 m	F R E S N E L D E P . : 21.4 m
C L E A R A N C E : 19.1 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 : 131.7 dB	R I D G E L O S S : -1.4 dB
T O T A L L O S S : 130.3 dB	

P R O F I L E N o .	131
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