

THE FEASIBILITY STUDY
ON
THE RURAL TELECOMMUNICATIONS NETWORK PROJECT
IN
THE REPUBLIC OF ZIMBABWE

FINAL REPORT

DATA FILE

October 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

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ON
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**RESULT OF QUESTIONNAIR
COORDINATES, GROUND ELEVATION OF
SITES AND TOWER HEIGHT
PATH PROFILE MAP**

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RESULT OF QUESTIONNAIR

Results of Questionnaire to Household

NUM	1991 AREA	DECEMBER AGE	DATA FOR HOUSEHOLDS EMPLOYMENT	YEAR INCOME	05	06	07	07.1	07.2	08	09	Q10 YEAR	Q10.1	Q11.1	Q12.1	Q12.2
1	KKAVI	32	HOUSE WIFE	2	21211	2				2	2					
2	KKAVI	32	SELF EMPLOYEE	5	21111	2				3	3	50		200	1	20
3	KKAVI	27	SELF EMPLOYEE	3	21111	2				2	2			20	0.3	20
4	KKAVI	25	MIN OF HEALTH	3	21111	2				2	2			20	0	20
5	KKAVI	20	STORE KEEPER	1	21111	2				2	2			0	0	0
6	KKAVI	22		22	21111	2				2	2			0	0	0
7	KKAVI	28		2	21111	2				2	2			0	0	0
8	KKAVI	36	MIN OF HEALTH	11	21111	2				2	2			0	0.3	10
9	KKAVI	26	MIN OF HEALTH(SRN)	0.25	21111	2				2	2			50	0.4	24
10	KKAVI	30	OFFICER	1.5	21112	2				3	3			20	0.1	2
11	KKAVI	35	PROJECTS	4	21112	2				3	3			10	0	0
12	KKAVI	36	OFFICER	10	22211	2				3	3			50	0	0
13	KEZI	36	GRIP OFFICER	6	22211	2				3	3			10	0	0
14	KEZI	59	COMMUNAL FARMER	40	21111	2				13	13	100		0	0	0
15	KEZI	48	ASSIST. EXEC. OFFICER	11	21111	2				12	12			0	0	0
16	KEZI	30	POSTAL ORDERLY	4	21111	2				2	2			0	0	0
17	KEZI	34	GENERAL WORKER	5	21111	2				2	2			0	0	0
18	KEZI	22	OFFICER	3	21111	2				2	2			0	0	0
19	KEZI	47	CARPENTER	5	21111	2				2	2			0	0	0
20	KEZI	22	SUPPLY OPERATOR	3	21111	2				2	2			0	0	0
21	KEZI	22	SUPERVISOR	3	21111	2				2	2			0	0	0
22	KEZI	40	TRAINING METAL WORKER	27	22211	2				2	2			0	0	0
23	BEATRICE	41	PRODUCTION PLANNER	10	22212	2				12	12			0	0.2	0
24	BEATRICE	26	DESIGNER	15	22211	2		1	1	1	1			0	0	0
25	BEATRICE	33	SELF EMPLOYED	7	21111	2		2	4	2	2			200	0.5	20
26	BEATRICE	26	HOUSEWIFE	10	21111	2				13	13			100	0.5	20
27	BEATRICE	24	CLERK	3	21212	2				3	3			20	0	0
28	BEATRICE	43	SCHOOL TYPIST	5	21212	2				2	2			20	0	0
29	BEATRICE	33	TEACHER	6	22211	2				2	2			20	0	0
30	BEATRICE	25	COMPUTER TECHNICIAN	18	22211	2		12	2	2	2			20	0	0
31	BEATRICE	23	POLICEMAN	18	22211	2		1	1	1	1			20	0	0
32	BEATRICE	72	COMMUNAL FARMER	2	21111	2				2	2			0	0	0
33	BEATRICE	23	NURSE	10	21111	2				2	2			0	0	0
34	BEATRICE	40	GENERAL WORKER	4	21111	2				2	2			0	0	0
35	GUTU	37	SELF EMPLOYED	15	21111	2				2	2			0	0	0
36	GUTU	49	TEACHER	8	21111	2				2	2			0	0	0
37	GUTU	21	SECRETARY	33	21111	2				2	2			0	0	0
38	GUTU	42	GENERAL WORKER	20	22212	2				2	2			0	0	0
39	GUTU	19	GENERAL WORKER	2	21111	2				2	2			0	0	0
40	GUTU	20	SALES REPRESENTATIVE	0.03	21111	2				2	2			0	0	0
41	GUTU	30	ASSIST. MANAGER	0.51	21111	2				2	2			0	0	0
42	GUTU	38	PLANT TECHNICIAN	3	22211	2				2	2			0	0	0
43	GUTU	30	TYPIST	8	22212	2				2	2			0	0	0
44	GUTU	35	EXECUTIVE OFFICER	3	21111	2				2	2			0	0	0
45	CHASWORTH	47	TEACHER	47	21111	2				2	2			0	0	0
46	CHASWORTH	41	COMMUNAL FARMER	4	21111	2				2	2			0	0	0
47	CHASWORTH	24	CLERK TYPIST	0.33	22212	2				2	2			0	0	0
48	CHASWORTH	43	AGRICULTURE OFFICER	12	22212	2				2	2			0	0	0
49	CHASWORTH	43	TEACHER	12	22211	2				2	2			0	0	0
50	CHASWORTH	22	CLERK	12	22211	2				2	2			0	0	0
51	CHASWORTH	22	CLERK	12	22211	2				2	2			0	0	0
52	MURAMBINDA	45	SELF EMPLOYED	12	22211	2				2	2			0	0	0
53	MURAMBINDA	28	SALES LADY	2	21111	2				2	2			0	0	0
54	MURAMBINDA	36	OFFICER	7	21111	2				2	2			0	0	0
55	MURAMBINDA	22	CLERK	33	21111	2				2	2			0	0	0
56	MURAMBINDA	22	CLERK	33	21111	2				2	2			0	0	0
57	MURAMBINDA	26	GENERAL WORKER	0.2	21111	2				2	2			0	0	0
58	MURAMBINDA	31	OFFICER	2	22211	2				2	2			0	0	0
59	MURAMBINDA	28	ASSIST. EXEC. OFFICER	4	22211	2				2	2			0	0	0
60	MURAMBINDA	43	COMMUNAL FARMER	43	21112	2				2	2			0	0	0
61	MURAMBINDA	39	EXTENSION OFFICER	3	22212	2				2	2			0	0	0
62	MURAMBINDA	51	SECURITY OFFICER	51	21111	2				2	2			0	0	0
63	MURAMBINDA	25	CATYGRAPHER	3	22212	2				2	2			0	0	0
64	MURAMBINDA	71	POSTMAN	16	22212	2				2	2			0	0	0
65	MURAMBINDA	39	BOOKBINDER	39	22211	2				2	2			0	0	0
66	MURAMBINDA	41	TELEPHONE OPERATOR	41	22211	2				2	2			0	0	0
67	MURAMBINDA	41	TELEPHONE OPERATOR	41	22211	2				2	2			0	0	0

Results of Questionnaire to Office/Shop (1/2)

NUMBER	DATA FOR OFFICE/SHOP NAME	DEC 1991	AREA	COMMUNICATION METHOD	STUFF	REV TOTAL	EXP TOTAL	Q5
1	MIN. OF EDUCATION		NKAYI	ROAD TELEPHONE LETTERS	13	0	0	13
2	G.M.B.		NKAYI	LETTERS	26	3815181	35000	34
3	CATHOLIC MISSION		NKAYI	LETTERS	7	0	0	34
4	DISTRICT COUNCIL		NKAYI	ROAD TELEPHONE LETTERS	20	5148000	5113000	13
5	MASAMBA STORE		SILOBELA NKAYI	ROAD	9	0	0	4
6	INTOBE STORE		SILOBELA NKAYI	TELEPHONE	22	0	0	1
7	CHINEMBIRI STORE		KALISA B.C. NKAYI	TELEPHONE	2	0	0	34
8	MAIN STORE		NKAYI	LETTERS	2	0	0	13
9	FARM NO.6		SILOBELA NKAYI	LETTERS	2	6000	500	3
10	MALISA FARM		SILOBELA NKAYI	LETTERS	2	6000	0	3
11	SIZANANI STORE		LOWER GWERU NKAYI	LETTERS	8	22000	3000	3
12	JENA MINES		SILOBELA NKAYI	TELEPHONE LETTERS	30	7500000	5400000	13
13	MAPHISA AREA OFFICE		MAPHISA KEZI	TELEPHONE LETTERS	20	2050000	2038956	13
14	MIR. OF WATER		MAPHISA KEZI	TELEPHONE LETTERS	8	0	0	13
15	MINE ELECT STORE		MAPHISA KEZI	TELEPHONE	2	158000	152720	13
16	HIGHWAY HARDWARE		MAPHISA KEZI	TELEPHONE	2	60000	3360	1
17	MAPHISA BAKERY		MAPHISA KEZI	TELEPHONE	5	0	0	13
18	ZVIDOVENYU STORE		KAMINA BEATRICE	ROAD	4	819800	714000	34
19	FARM NO.7		CHIROJA BEATRICE	LETTERS	2	441	225	3
20	NVERETE STORE		CHIZINGA BEATRICE	ROAD	5	180000	140000	34
21	EMTEE SUPERMARKET		BEATRICE	ROAD TELEPHONE	3	160000	0	134
22	CHIBAMU STORE		MONERA B.C. BEATRICE	ROAD	8	652000	0	34
23	CHIBVONGODZE FARM		BEATRICE	LETTERS	21	5700	2530	3
24	MAIDEI RESTAURANT		BEATRICE	LETTERS	4	72000	35200	3
25	GANZWA STORE		CHIOJA BEATRICE	LETTERS	4	422000	210000	3
26	MAJONI HOTEL		MUBAIRA BEATRICE	TELEPHONE ROAD	12	156000	0	13
27	MBAIRA PROVISIONS		MUBAIRA BEATRICE	TELEPHONE	22	0	0	14
28	CHAKARACHI STORE		MUBAIRA BEATRICE	ROAD	15	64400	0	14
29	MUDZIMUYERWA STORE		MUDZIMUYERWA BEATRICE	LETTERS	6	60000	20000	3
30	ISHARALISA STORE		CHIZINGA BEATRICE	ROAD	2	100000	80000	34
31	KUMIRE STORE		MANYEWE B.C. BEATRICE	ROAD	2	54000	33800	34
32	MUDOWAFA STORE		NEUSO B.C. BEATRICE	ROAD	2	104000	65280	34
33	CHIKOWORE STORE		MANYEWE B.C. BEATRICE	TELEPHONE ROAD	2	208000	182000	34
34	MUZORIWA STORE		KAMINA BEATRICE	ROAD	2	108000	78000	34
35	ZAMBEZI BOOKSHOP		MPANAWANA GUTU	TELEPHONE LETTERS ROAD	4	0	0	13
36	FARM AGRIDA		GUTU	TELEPHONE	54	0	0	13
37	TAFARA MADONDO HOTEL		MPANDAWANA GUTU	TELEPHONE	14	850000	230000	1
38	MAJONI FARM		MUSHAGASHE CHATSWORTH	LETTERS	2	6882	2055	3
39	MAKURE BAKERY		CHATSWORTH	TELEPHONE LETTERS ROAD	7	210000	0	13
40	CHAGWEDA STORE		CHATSWORTH	TELEPHONE LETTERS	3	60000	45000	1
41	FARM 228		MSHAGASHI CHATSWORTH	ROAD	6	25900	0	3
42	FARM 227		MSHAGASHI	TELEPHONE	1	22270	600	1
43	CHIPADZA FARM		ZIMUTO CHATSWORTH	TELEPHONE ROAD LETTERS	1	4680	1980	13
44	CHATSWORTH STORES		CHATSWORTH	TELEPHONE	12	400000	190000	13
45	FARM 181		MSHAGASHI	LETTERS	1	3508	402	3
46	MUDENGE STORE		CHARANDURA CHATSWORTH	LETTERS	2	98000	25000	3
47	ITAVONGA BAR		MURAMBINDA CHATSWORTH	TELEPHONE ROAD	3	218000	0	13
48	FASHION BOUTIQUE		MURAMBINDA	TELEPHONE LETTERS	2	48000	18000	13
49	FARM NO. 280		NYAZVIDZI MURAMBINDA	ROAD	4	2000	0	4
50	DZIMBARWE MOTOR SPARES		MURAMBINDA	TELEPHONE	3	240000	96000	13
51	FARM NO. 275		ZIYAMBE MURAMBINDA	TELEPHONE	1	8500	1915	1
52	FARM NO. 274		ZIYAMBE MURAMBINDA	TELEPHONE	1	10000	5700	1
53	ZVAVASEKURU STORE		MURAMBINDA	TELEPHONE LETTERS	4	120000	50000	13
54	MACHOKA STORE		MURAMBINDA	TELEPHONE LETTERS	5	216000	80000	3
55	CHANDAH ENTERPRISES		MURAMBINDA	TELEPHONE LETTERS	11	327327	298000	13
56	SHAWA MINE		MURAMBINDA	TELEPHONE LETTERS	50	200000	96000	1
57	DOROWA SUPERMARKET		MURAMBINDA	TELEPHONE LETTERS	12	100000	71500	13
58	FARM NO. 98		NYAZVIDZI MURAMBINDA	LETTERS	2	3000	0	3
59	FARM NO. 101		NYAZVIDZI MURAMBINDA	ROAD LETTERS	2	2000	0	3
60	FARM NO. 279		ZIYAMBE MURAMBINDA	ROAD LETTERS	2	7300	0	13

Results of Questionnaire to Office/Shop (2/2)

OA FACILITIES	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q18.1	YEAR	PREMIUM	Q20.1	11	Q21.1	Q21.2
10203040506070	1	2	1	2						2	1	4	5					
10203040506070	2	3								3	1	4	4	1000			50	100
10203040506070	2									2	1	4	5	100			100.00	100
11203040506070	1	2				3		1.00		3	2				3	200	0.80	15
10203040506070	2									3	2						0.50	20
11203040506070	1	2				3	15	0.50	90	3	2				3	20	0.30	20
10203040506070	2									2	1	1		100			0.20	40
10203040506070	2									1	2				3	100	0.10	30
10203040506070	2									13	2				3	100	20.00	30
11203040506070	1	2				1	10	0.78		1	1	4		10000		90	0.60	1
11203040506070	1	1	1	1		3	100	1.50			2				3	500		
11203040506070	1	1	1	3				1.00			1							
11203040506070	1	2				1	3	0.20			1							
11203040506070	1	2				1	3	255.00			1	3						
11203040506070	1	1	1	1				0.15			1							
10203040506070	2									2	1	4	3	200			3.00	25
10203040506070	2									2	2				3			25
10203040506070	2									3	1	4	10	200				25
10203040506070	2									1	1	1		50			0.10	20
10203040506070	2									2	2				4	100	0.50	30
10203040506070	2									2	2				3	70	0.50	30
10203040506070	2									2	2				5	100	0.10	50
10203040506070	2									1	1						4.00	20
10203040506070	2									3	1	3	4	100			0.30	20
10203040506070	2									3	2						0.30	20
10203040506070	2									3	2						0.30	20
10203040506070	2									3	2						0.40	15
10203040506070	2									3	2						0.50	20
10203040506070	2									3	2						0.30	20
10203040506070	2									3	2						0.30	20
10203040506070	2									3	2						0.75	30
10203040506070	2									2	1	4	2	100		2000	2.00	15
10203040506070	2									2	1	4	4	80			0.40	50
10203040506070	2									2	1	2		100			0.30	20
10203040506070	2									2	1						0.30	20
10203040506070	2									1	1	4					3.00	40
10203040506070	2									1	1	2					0.80	20
10203040506070	2									3	1	3		50			0.50	20
11203040506070	1	1	2	20						1	2						2.00	40
10203040506070	2									1	2						2.00	20
10203040506070	2									12	2						2.00	20
10203040506070	2									2	2						5.00	100
10203040506070	2									2	1	3		100			0.50	20
10203040506070	2									2	2						0.50	14
10203040506070	2									2	2						0.70	15
10203040506070	2									1	1	2		90			0.30	12
10203040506070	2									1	1						0.40	12
10203040506070	2									1	1	1		100			2.00	10
10203040506070	2									1	2						0.50	10
11203040506070	1	1	2	5	80												2.00	10
10203040506070	2																5.00	10
10203040506070	2									1	2						0.50	12
10203040506070	2									2	2						0.50	12
10203040506070	2									2	2						0.50	20
10203040506070	2									3	2						5.00	20
10203040506070	2									3	2						5.00	20

Questionnaire to household

Area _____
Date _____

Q1. Name

Age

Q2. Employment

Q3. How long have you been living in here ?

Q4. What is your family's total income in monthly bases ?

- | | |
|-----------------|-------------------|
| 1. under Z\$ 50 | 6. 251 - 500 |
| 2. 51 - 75 | 7. 501 - 750 |
| 3. 76 - 100 | 8. 751 - 1000 |
| 4. 101 - 150 | 9. 1001 - 1500 |
| 5. 151 - 250 | 10. 1500 and over |

Q5. Number of personal belongings

1. Radio
2. T.V Set
3. Refrigerator
4. Motorbike
5. Automobile

Q6. Have you got a telephone ?

1. Yes go to Q7 (DEL or PL)
2. No go to Q8

Q7. Where have you got the telephone ?

1. House
2. Office
3. Others

Q7.1 How many times do you use the telephone in a day ?

Q7.2 How much do you pay for the telephone call ?

Go to Q9

Q8. What do you do when you have to make a phone call ?

Use;

1. Public phone
2. Friends or relatives who have telephone
3. Others

Q9. Do you order telephone installation ?

1. Yes go to Q10 (DEL or PL)
2. No go to Q11

Q10. How long have you been waiting ?

1. 1 month
2. 1 month - 6 months
3. 6 months - 1 year
4. Over 1 year (years)

Q10.1 How much do you pay for the premium if telephone is installed with priority ?

- | | | |
|------------|------------|-------------|
| 1. +Z\$ 10 | 5. +Z\$ 50 | 9. +Z\$ 90 |
| 2. +Z\$ 20 | 6. +Z\$ 60 | 10. +Z\$100 |
| 3. +Z\$ 30 | 7. +Z\$ 70 | 11. More |
| 4. +Z\$ 40 | 8. +Z\$ 80 | +Z\$ |

Q11. What is the reason that you do not order telephone installation ?

1. It is not necessary
2. It is too expensive
3. It is no practicable
4. It is no information
5. Others

Q11.1 How much do you pay for the premium if telephone is installed with priority ?

- | | | |
|------------|------------|-------------|
| 1. +Z\$ 10 | 5. +Z\$ 50 | 9. +Z\$ 90 |
| 2. +Z\$ 20 | 6. +Z\$ 60 | 10. +Z\$100 |
| 3. +Z\$ 30 | 7. +Z\$ 70 | 11. More |
| 4. +Z\$ 40 | 8. +Z\$ 80 | +Z\$ |

Q12. How much do you pay for the premium ? :

1. Charge fee
 Z\$()
2. Rental Fee
 Z\$()

Thank you very much for your cooperation !

Questionnaire to office/shop
AREA
DATE

Q1. Office name

Q2. Size of office

Q3. Number of staffs

Q4. Budget

Total Revenue

Total Expenditure

Q5. What is your communication media/means ?

1. Telephone (DEL/PL)
2. H.F Radio
3. Letter or Telegram
4. Auto mobil
5. Other()

Q6. OA Facilities

1. Telephone
2. Fax
3. Telex
4. Personal Computer
5. Mini Computer
6. Word processor
7. Typewriter

Q7. Number of letters

1. Incoming()
2. Outgoing()

Q8. Have you got a telephone in office and/or Industry ?

1. Yes go to Q9 (DEL/PL)
2. No go to Q17

Q9. Is it enough for your office ?

1. Yes go to Q10
2. No go to Q13

Q10. How many lines have you got ?

Q11. How many times do you use the telephone in a day ?

Q12. How much do you pay for the premium if telephone is installed with priority ?

- | | | |
|----------|----------|-------------------|
| 1.+Z\$10 | 5.+Z\$50 | 9.Z\$90 |
| 2.+Z\$20 | 6.+Z\$60 | 10.Z\$100 |
| 3.+Z\$30 | 7.+Z\$70 | 11.MORE |
| 4.+Z\$40 | 8.+Z\$80 | (Z\$) Go to Q21. |

Q13. How many lines do you want ?

Q14. How many times do you use the telephone in a day ?

Q15. How much do you pay for the telephone call ?

Q16. How much do you pay for the premium if telephone is installed with priority ?

- | | | |
|----------|----------|-----------|
| 1.+Z\$10 | 5.+Z\$50 | 9.Z\$90 |
| 2.+Z\$20 | 6.+Z\$60 | 10.Z\$100 |
| 3.+Z\$30 | 7.+Z\$70 | 11.MORE |
| 4.+Z\$40 | 8.+Z\$80 | (Z\$) |

Go to Q21

Q17. What do you do when you have to make a phone call ?

1. Public phone
2. Friends or relatives who have telephones
3. Others

Q18. Do you order telephone installation ?

1. Yes go to 19
2. No go to 20

Q19. How long have you been waiting ?

1. 1 month
2. 1 - 6 months
3. 6 months - 1 year
4. Over 1 year (years)

How much do you pay for the premium if telephone is installed with priority ?

- | | | |
|----------|----------|-----------|
| 1.+Z\$10 | 5.+Z\$50 | 9.Z\$90 |
| 2.+Z\$20 | 6.+Z\$60 | 10.Z\$100 |
| 3.+Z\$30 | 7.+Z\$70 | 11.MORE |
| 4.+Z\$40 | 8.+Z\$80 | (Z\$) |

Go to Q21

Q20. What is the reason that you do not order telephone installation ?

1. It is not necessary
2. It is too expensive
3. It is no practicable
4. It is no information
5. Others

How much do you pay for the premium if telephone is installed with priority ?

- | | | |
|----------|----------|-----------|
| 1.+Z\$10 | 5.+Z\$50 | 9.Z\$90 |
| 2.+Z\$20 | 6.+Z\$60 | 10.Z\$100 |
| 3.+Z\$30 | 7.+Z\$70 | 11.MORE |
| 4.+Z\$40 | 8.+Z\$80 | (Z\$) |

Q21

How much do you pay for the premium ? :

1. Charge fee
Z\$()
2. Rental Fee
Z\$()

Thank you very much for your cooperation !

**COORDINATES, GROUND ELEVATION OF
SITES AND TOWER HEIGHT
PATH PROFILE MAP**

COORDINATES, GROUND ELEVATION OF SITES AND TOWER HEIGHT

<Beatrice>

Base / Sub. Terminal	Station	Coordinates		Ground Elevation (m)	Tower Height (m)
		Longitude(E)	Latitude(S)		
Beatrice (Base)		30°51'02"	18°15'39"	1,285	70
Roslin		31°01'03"	18°14'01"	1,342	25
Chelmsford		30°48'18"	18°04'14"	1,375	25
Nyamweda B.C.		30°42'33"	18°09'19"	1,320	30
Mubayira		30°35'48"	18°19'13"	1,265	35
Witdoom		30°57'45"	18°24'06"	1,360	15
Welgetroos		31°02'15"	18°24'32"	1,382	45
Chimbghanda		31°09'20"	18°24'15"	1,430	15
Highlands		30°53'40"	18°30'44"	1,382	35
Zanka		30°48'27"	18°27'45"	1,320	25
Rukuma B.C.		30°37'48"	18°29'36"	1,340	40
St. Michael's Mission		30°40'46"	18°34'01"	1,340	15
Mamina B.C.		30°36'19"	18°39'06"	1,285	40
Calais		30°51'47"	18°37'37"	1,363	15
Riversdale		30°56'19"	18°40'46"	1,395	25
Charter		31°02'55"	18°33'50"	1,410	25

COORDINATES, GROUND ELEVATION OF SITES AND TOWER HEIGHT

<Kezi>

Base / Sub. Terminal	Station	Coordinates		Ground Elevation (m)	Tower Height (m)
		Longitude(E)	Latitude(S)		
Maphisa (Base)		28°27'38"	21°03'55"	989	40
Kezi (REP.)		28°27'53"	20°56'19"	1,025	30
Woodlands		28°31'13"	20°47'41"	1,100	35
Alalie		28°29'34"	20°40'40"	1,140	20
Luma		28°37'51"	20°42'03"	1,100	25
Umfula		28°37'05"	20°46'46"	1,070	15
Gholi		28°30'17"	21°12'03"	920	35
Tshelemyenba		28°29'18"	21°20'44"	870	30
Nyashangwe Sch.		28°21'13"	21°22'15"	918	40
Naseby		28°29'53"	21°28'08"	845	40
Mambali Sch.		28°18'31"	21°27'47"	860	20
Nyashangwe B.C.		28°21'39"	21°16'22"	940	25
Marinoha Sch.		28°19'41"	21°05'37"	1,020	25
Lions Park		28°10'50"	21°05'50"	985	35
St. Joseph's Mission		28°16'09"	21°13'59"	960	25
Mayobodo B.C.		28°08'57"	21°20'19"	940	25
Sheshe Mangwe		28°02'03"	21°04'01"	1,020	40
Brunapeg Mission		28°01'41"	21°09'43"	960	20
Ingwizi		27°52'35"	21°07'18"	1,000	35
Ficksburg (*)		28°05'20"	20°44'52"	1,225	20
Syringa (*)		27°58'25"	20°30'03"	1,463	30

(*) : Repeater Stations on Trunk Route

COORDINATES, GROUND ELEVATION OF SITES AND TOWER HEIGHT

<Murambinda>

Base / Sub. Terminal	Station	Coordinates		Ground Elevation (m)	Tower Height (m)
		Longitude(E)	Latitude(S)		
Murambinda (Base)		31°39'35"	19°16'05"	973	40
Bedza B.C.		31°38'17"	19°23'18"	1,090	25
Madya REP.		31°46'16"	19°10'10"	965	25
Makarara B.C.		31°50'09"	19°01'36"	905	25
Dorowa		31°46'34"	19°04'13"	902	15
Gombe B.C.		31°31'52"	19°14'05"	1,128	20
Maradzano B.C.		31°34'54"	19°20'04"	1,100	20
Buhera B.C.		31°28'27"	19°19'24"	1,158	25
Mukudo B.C.		31°31'35"	19°26'56"	1,051	15
Chitsa		31°32'26"	19°30'41"	1,105	15
Nerutanga B.C.		31°21'17"	19°17'23"	1,280	40
Chapxanya		31°17'33"	19°09'50"	1,386	45
St. George Sch.		31°23'38"	19°09'27"	1,311	15
Mupatsi B.C.		31°27'24"	19°01'49"	1,266	15
Gokomere B.C.		31°20'45"	19°02'40"	1,330	15
Daramonbe Mission		31°18'29"	19°05'34"	1,280	15
Hatinahama		31°47'11"	19°22'25"	975	35
Nyashanu Police		31°51'34"	19°16'17"	841	30
Chiurwi B.C.		31°50'20"	19°27'30"	970	25
Matendera B.C.		31°47'42"	19°30'26"	957	15
Zyomoyo Sch.		31°55'11"	19°29'18"	1,024	20
Barawara REP.		32°00'14"	19°22'14"	857	20
Kandenga B.C.		32°01'07"	19°27'17"	831	15
Chirozva Sch.		32°06'25"	19°27'06"	762	15
Bepe B.C. (*)		31°55'05"	19°13'06"	884	20
Craigendoran (*)		32°16'12"	19°01'06"	1,060	20
Cecil Kop (*)		32°39'40"	18°56'11"	1,648	20

(*) : Repeater Stations on Trunk Route

COORDINATES, GROUND ELEVATION OF SITES AND TOWER HEIGHT

<Gutu>

Base / Sub. Terminal	Station	Coordinates		Ground Elevation (m)	Tower Height (m)
		Longitude(E)	Latitude(S)		
Gutu REP.		31°09'41"	19°38'46"	1,470	40
Willand		31°02'21"	19°31'24"	1,475	15
Nerupiri B.C.		31°02'02"	19°50'48"	1,240	25
Mawere		31°12'13"	19°54'20"	1,260	30
Chekuru Sch.		31°18'54"	19°49'08"	1,320	20
Devure B.C.		31°21'43"	19°40'31"	1,125	15
Jaravaza		31°27'29"	19°32'60"	1,125	15
Zvavahera		31°18'39"	19°33'06"	1,240	20
Mutundura		31°20'10"	19°27'02"	1,235	30
Soti Source		31°11'23"	19°27'07"	1,363	20

COORDINATES, GROUND ELEVATION OF SITES AND TOWER HEIGHT

<Chatsworth>

Base / Sub. Terminal	Station	Coordinates		Ground Elevation (m)	Tower Height (m)
		Longitude(E)	Latitude(S)		
Chatsworth REP.		30°49'42"	19°36'54"	1,400	40
Serima Mission		30°52'51"	19°31'09"	1,480	40
Mubaiwa		30°58'11"	19°28'06"	1,505	25
Felixburg		30°51'36"	19°24'54"	1,525	30
Chaka		30°41'44"	19°30'57"	1,405	15
Holly Cross		30°34'49"	19°33'44"	1,370	15
Govere REP.		30°39'59"	19°41'04"	1,285	25
Chilimanzi		30°31'54"	19°43'06"	1,130	15
Mshagashe		30°43'60"	19°47'15"	1,220	15
Gurajena		30°55'15"	19°45'10"	1,270	15

COORDINATES, GROUND ELEVATION OF SITES AND TOWER HEIGHT

<Nkayi>

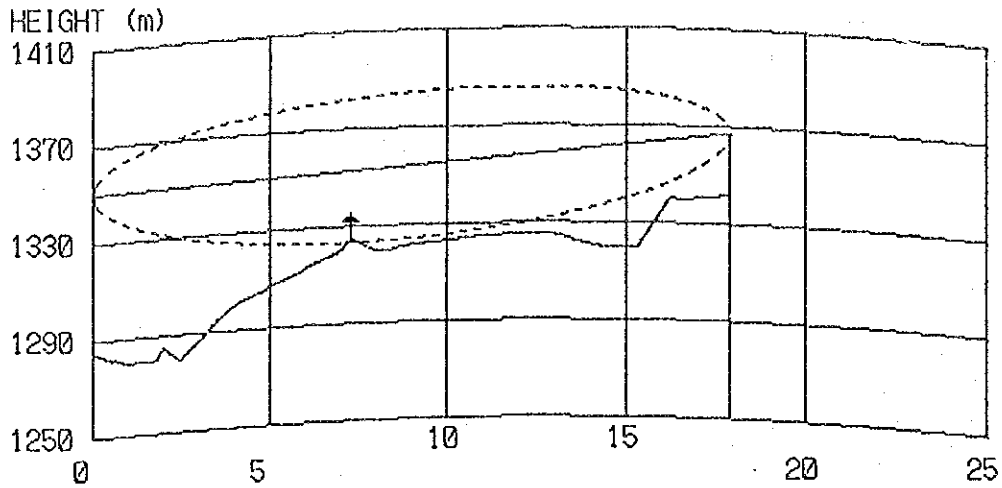
Base / Sub. Terminal	Station	Coordinates		Ground Elevation (m)	Tower Height (m)
		Longitude(E)	Latitude(S)		
Nkayi (Base)		28°54'11"	19°00'10"	1,138	50
Silobela (REP.)		29°02'32"	18°54'51"	1,285	35
Silobela		29°17'08"	18°58'18"	1,182	35
Leopardess Mine		29°09'20"	18°54'33"	1,200	20
Dendera		29°08'02"	18°42'29"	1,255	20
Ngalaphi		29°00'15"	18°45'00"	1,145	15
Nzuzza B.C. (REP.)		28°41'23"	19°01'02"	1,245	40
Mvugu Mill		28°46'43"	18°55'23"	1,095	15
Ngolovana (REP.)		28°32'03"	18°50'34"	1,138	35
Zwelabo		28°30'14"	19°01'07"	1,128	15
Mpoko		28°25'55"	18°55'30"	1,140	20
Silendeni		28°35'22"	18°35'15"	1,212	30
Dakamela		28°40'05"	18°47'17"	1,040	15
Cheif Madhliwa		28°49'06"	18°44'32"	1,060	25
DCs Camp		28°24'52"	18°33'11"	1,117	15
Zenka (REP.)		28°47'17"	19°06'38"	1,262	45
Forestry Quarters		28°37'49"	19°09'50"	1,210	20
Moyana (REP.)		29°12'45"	19°05'31"	1,325	35
Crossroad		29°08'55"	18°59'33"	1,235	30
Mavolentiya		29°10'14"	19°10'24"	1,275	15

Path Profile Maps (Beatrice Area)

- | | | | |
|-----|-------------|---|---------------------|
| 1. | Beatrice | - | Roslin |
| 2. | Beatrice | - | Chelmesford |
| 3. | Beatrice | - | Nyamweda B.C. |
| 4. | Beatrice | - | Mubayira |
| 5. | Beatrice | - | Witdoom |
| 6. | Beatrice | - | Welgetroos |
| 7. | Beatrice | - | Highlands |
| 8. | Welgetroos | - | Chimbghanda |
| 9. | Highlands | - | Zanka |
| 10. | Highlands | - | Rukuma B.C. |
| 11. | Highlands | - | Calais |
| 12. | Highlands | - | Riversdale |
| 13. | Highlands | - | Charter |
| 14. | Rukuma B.C. | - | St. Michael's Miss. |
| 15. | Rukuma B.C. | - | Mamina B.C. |

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)

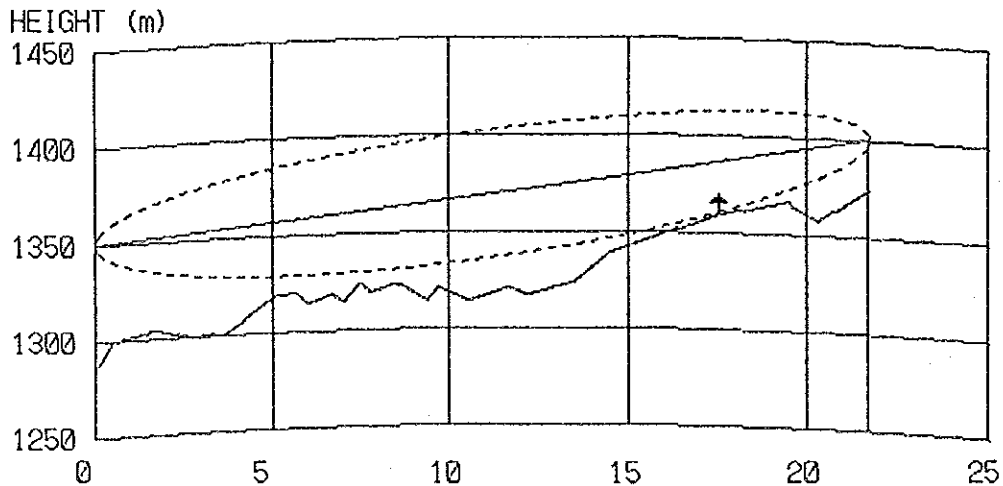


DISTANCE : 17.9 km

SITE NAME : Beatrice	SITE NAME : Roslin
GROUND LEVEL : 1285.0 m	GROUND LEVEL : 1342.0 m
ANT.HEIGHT 1 : 65.0 m	ANT.HEIGHT 2 : 25.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)

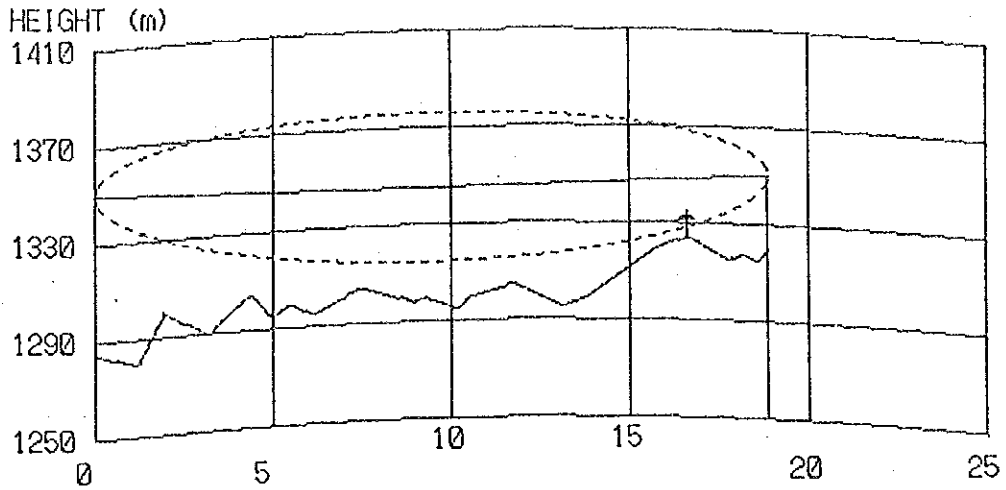


DISTANCE : 21.7 km

SITE NAME : Beatrice	SITE NAME : Chelmsford
GROUND LEVEL : 1285.0 m	GROUND LEVEL : 1375.0 m
ANT.HEIGHT 1 : 65.0 m	ANT.HEIGHT 2 : 25.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)



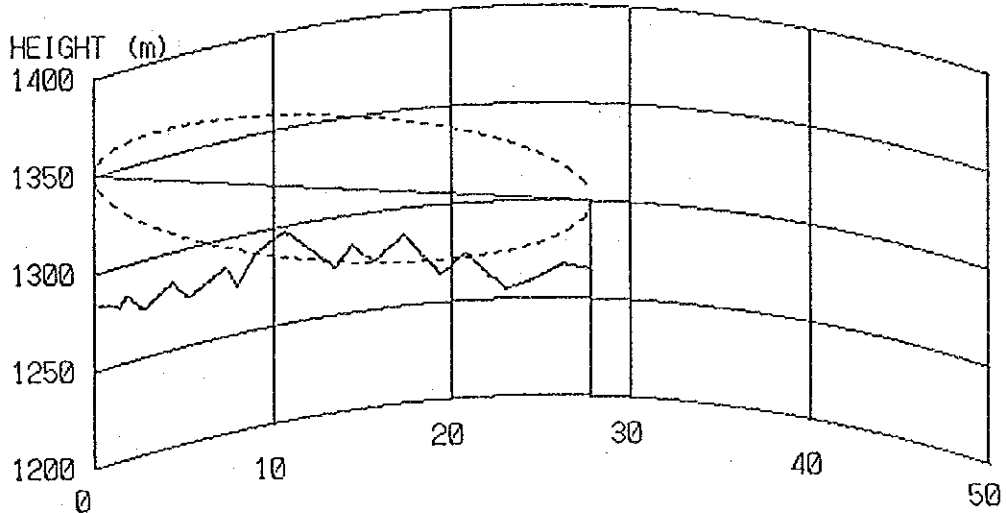
D I S T A N C E : 18.9 km

S I T E N A M E : Beatrice
G R O U N D L E V E L : 1285.0 m
A N T . H E I G H T 1 : 65.0 m

S I T E N A M E : Nyamweda
G R O U N D L E V E L : 1320.0 m
A N T . H E I G H T 2 : 30.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)



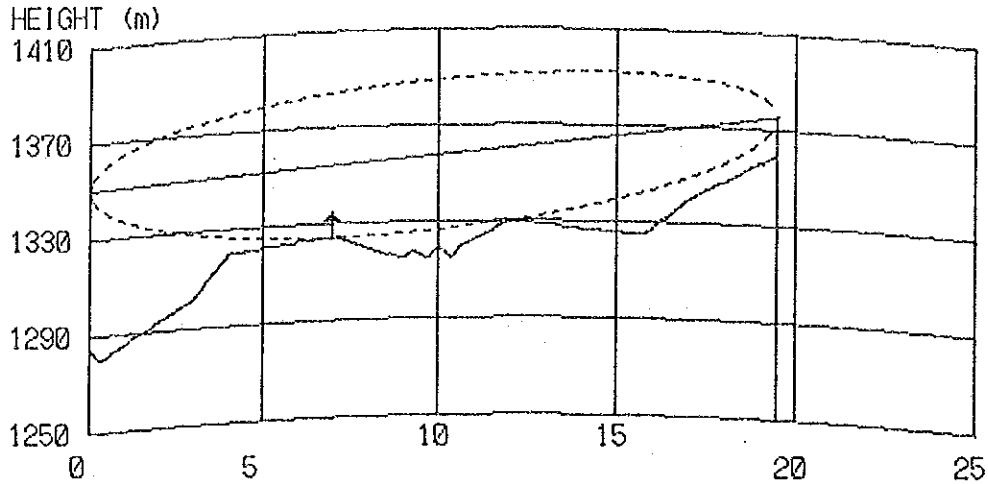
D I S T A N C E : 27.8 km

S I T E N A M E : Beatrice
G R O U N D L E V E L : 1285.0 m
A N T . H E I G H T 1 : 65.0 m

S I T E N A M E : Mubayira
G R O U N D L E V E L : 1265.0 m
A N T . H E I G H T 2 : 35.0 m

P R O F I L E

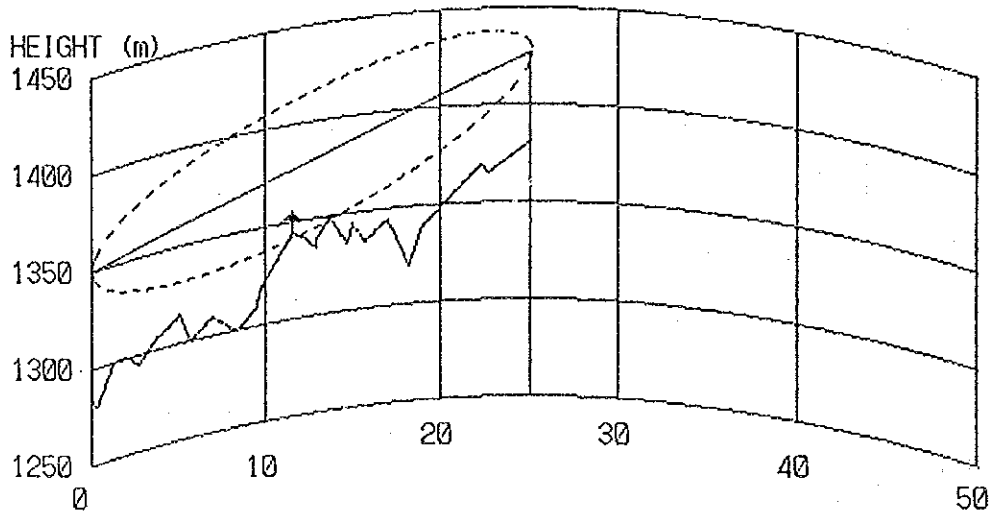
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 19.5 km	
S I T E N A M E : Beatrice	S I T E N A M E : Witdoom
G R O U N D L E V E L : 1285.0 m	G R O U N D L E V E L : 1360.0 m
A N T . H E I G H T 1 : 65.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

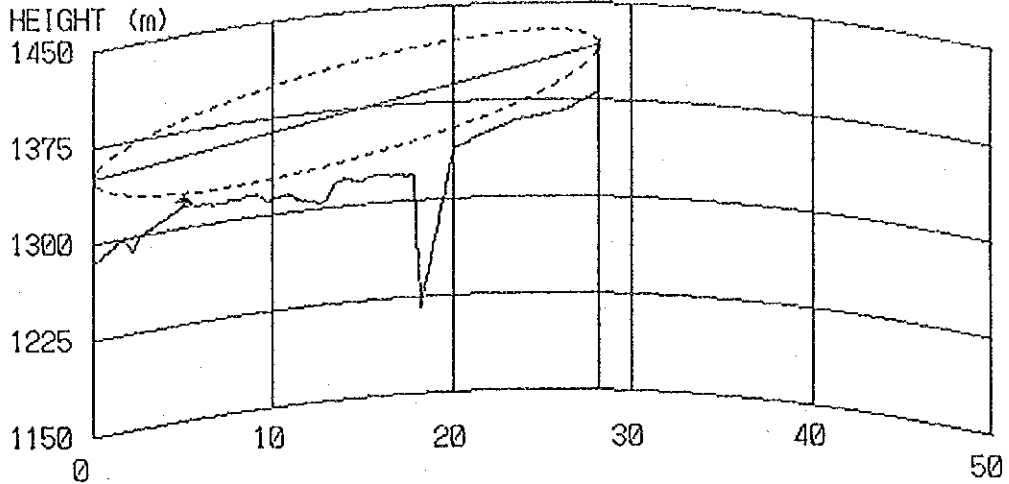
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 25.1 km	
S I T E N A M E : Beatrice	S I T E N A M E : Welgetroos
G R O U N D L E V E L : 1285.0 m	G R O U N D L E V E L : 1382.0 m
A N T . H E I G H T 1 : 65.0 m	A N T . H E I G H T 2 : 45.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)



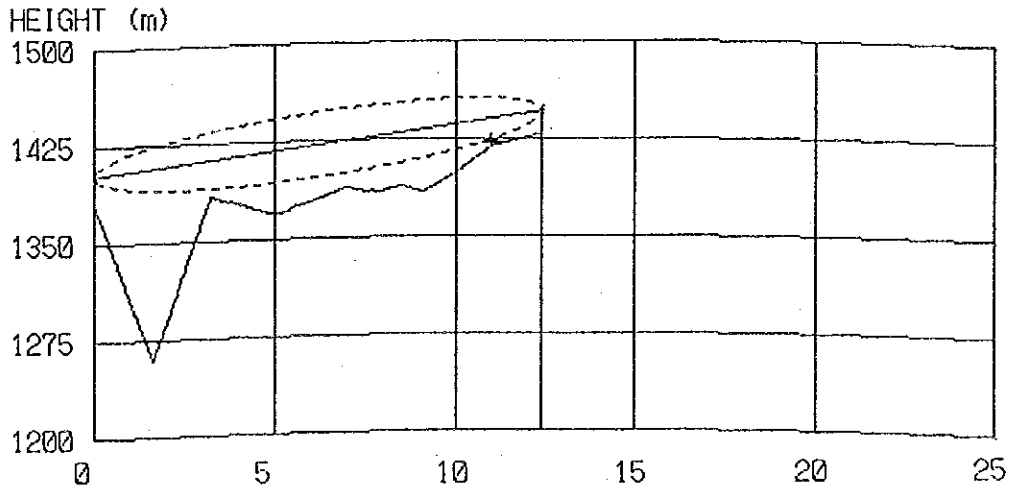
D I S T A N C E : 28.2 km

S I T E N A M E : Beatrice
G R O U N D L E V E L : 1285.0 m
A N T . H E I G H T 1 : 65.0 m

S I T E N A M E : Highlands
G R O U N D L E V E L : 1382.0 m
A N T . H E I G H T 2 : 35.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)



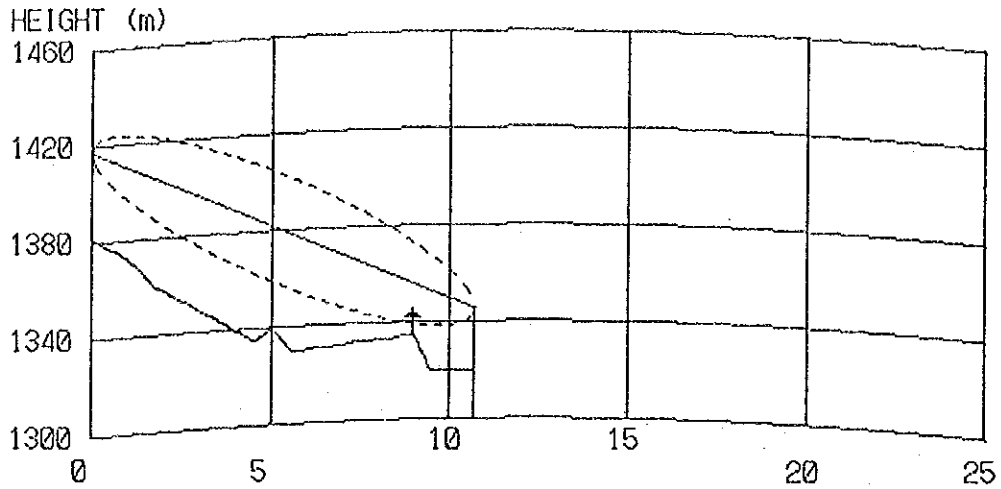
D I S T A N C E : 12.4 km

S I T E N A M E : Welgetroos
G R O U N D L E V E L : 1382.0 m
A N T . H E I G H T 1 : 20.0 m

S I T E N A M E : Chimbghanda
G R O U N D L E V E L : 1430.0 m
A N T . H E I G H T 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



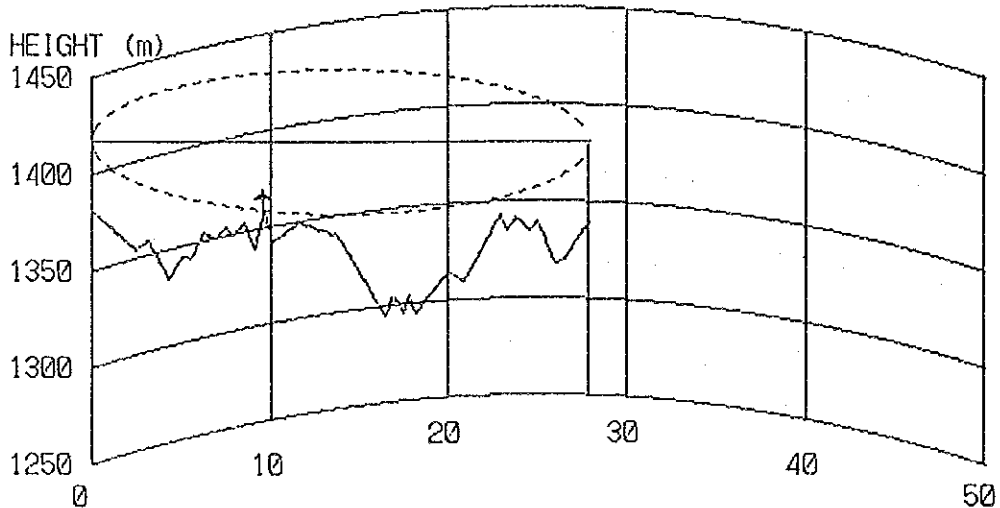
DISTANCE : 10.7 km

SITE NAME : Highlands
 GROUND LEVEL : 1382.0 m
 ANT.HEIGHT 1 : 35.0 m

SITE NAME : Zanka
 GROUND LEVEL : 1320.0 m
 ANT.HEIGHT 2 : 25.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



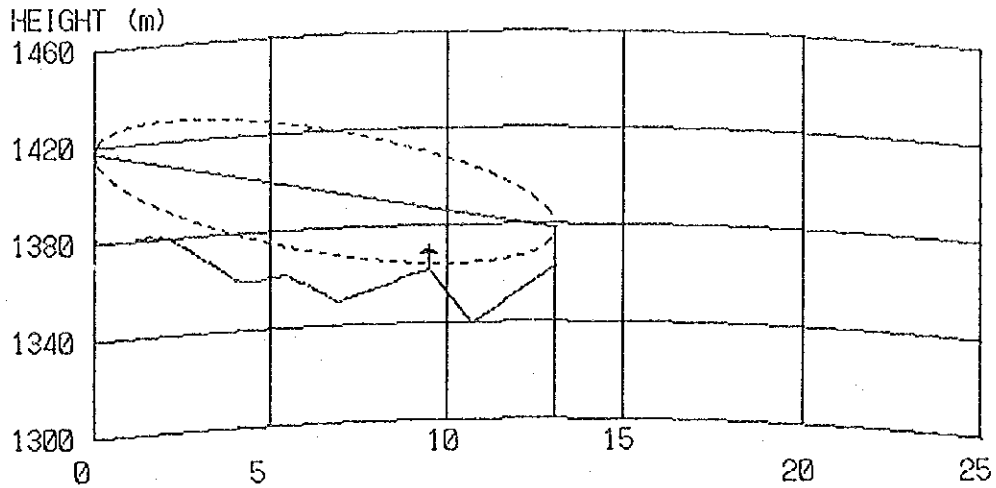
DISTANCE : 27.9 km

SITE NAME : Highlands
 GROUND LEVEL : 1382.0 m
 ANT.HEIGHT 1 : 35.0 m

SITE NAME : Rukuma BC
 GROUND LEVEL : 1340.0 m
 ANT.HEIGHT 2 : 40.0 m

P R O F I L E

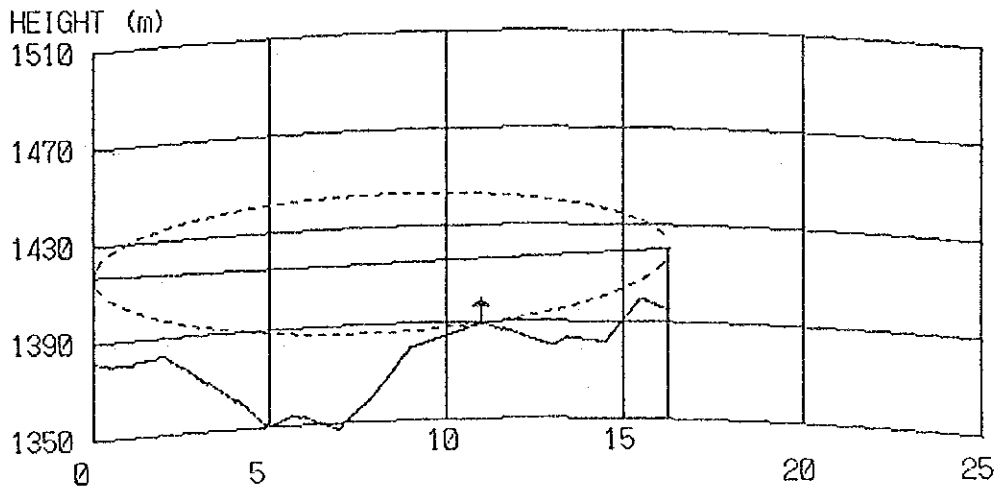
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



	D I S T A N C E : 13.1 km
S I T E N A M E : Highlands	S I T E N A M E : Calais
G R O U N D L E V E L : 1382.0 m	G R O U N D L E V E L : 1363.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

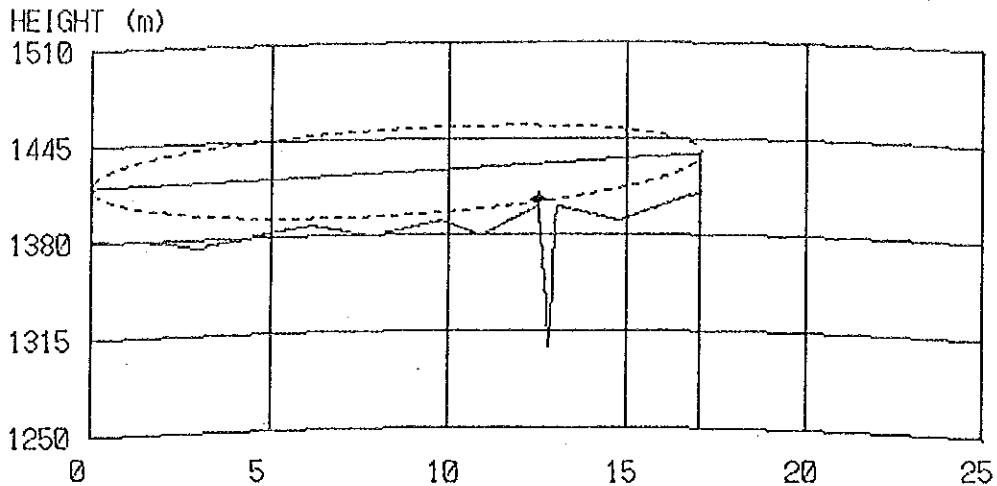
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



	D I S T A N C E : 16.3 km
S I T E N A M E : Highlands	S I T E N A M E : Riversdale
G R O U N D L E V E L : 1382.0 m	G R O U N D L E V E L : 1395.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 25.0 m

P R O F I L E

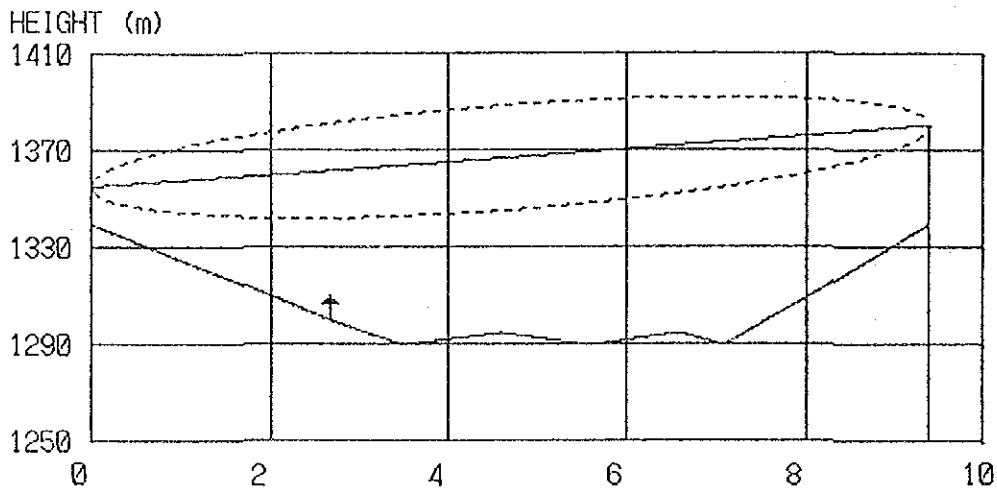
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 17.1 km	
S I T E N A M E : Highlands	S I T E N A M E : Charter
GROUND LEVEL : 1382.0 m	GROUND LEVEL : 1410.0 m
ANT.HEIGHT 1 : 35.0 m	ANT.HEIGHT 2 : 25.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)

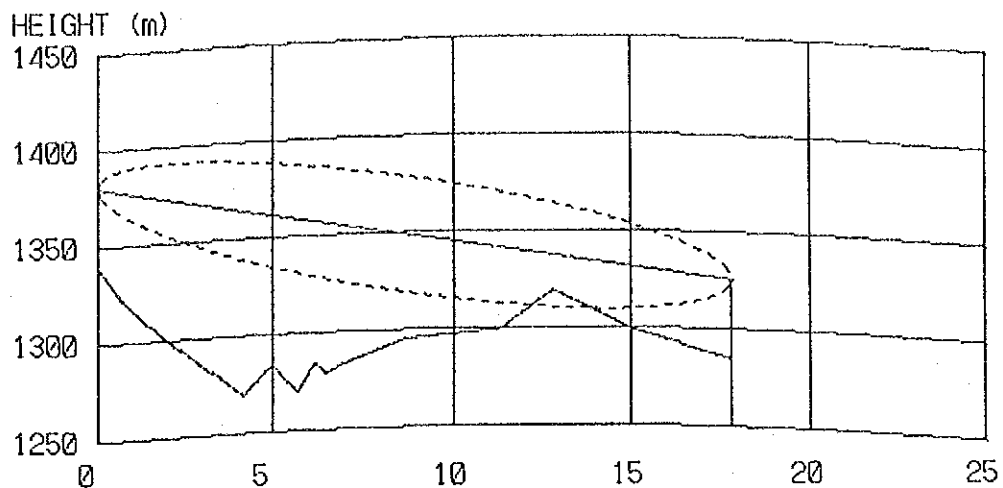


D I S T A N C E : 9.4 km	
S I T E N A M E : St. Michaels Miss.	S I T E N A M E : Rukuma BC
GROUND LEVEL : 1340.0 m	GROUND LEVEL : 1340.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 40.0 m

PROFILE

(K : 1.33

FREQUENCY : 1500 MHz)



DISTANCE : 17.8 km

SITE NAME : Rukuma B.C

SITE NAME : Mamina B.C

GROUND LEVEL : 1340.0 m

GROUND LEVEL : 1285.0 m

ANT.HEIGHT 1 : 40.0 m

ANT.HEIGHT 2 : 40.0 m

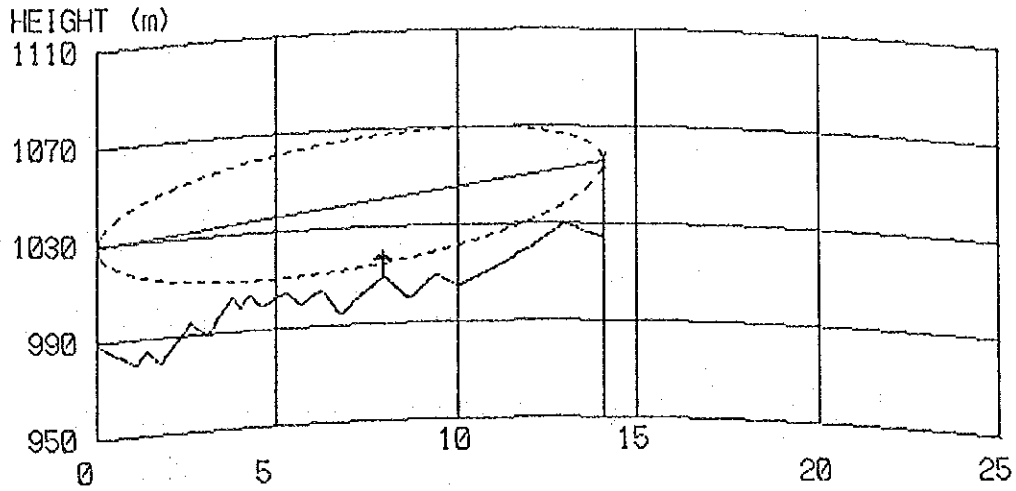
Path Profile Maps (Kezi Area)

1.	Maphisa	-	Kezi Rep.
2.	Maphisa	-	Gholi
3.	Maphisa	-	Marinoha Sch.
4.	Kezi Rep.	-	Woodlands
5.	Woodlands	-	Alalie
6.	Woodlands	-	Luma
7.	Woodlands	-	Umfula
8.	Gholi	-	Tshelemyenba
9.	Gholi	-	Nyashangwe Sch.
10.	Gholi	-	Nyashangwe B.C.
11.	Nyashangwe Sch.	-	Naseby
12.	Nyashangwe Sch.	-	Mambali Sch.
13.	Marinoha Sch.	-	Lions Park
14.	Lions Park	-	St. Joseph's Miss.
15.	Lions Park	-	Sheshe Mangwe
16.	St. Joseph's Miss.	-	Mayobodo B.C.
17.	Sheshe Mangwe	-	Brunapeg Miss.
18.	Sheshe Mangwe	-	Ingwizi
(*) 19.	Maphisa	-	Marinoha Sch.
(*) 20.	Marinoha Sch.	-	Ficksburg
(*) 21.	Ficksburg	-	Syringa

(*) Trunk Route

P R O F I L E

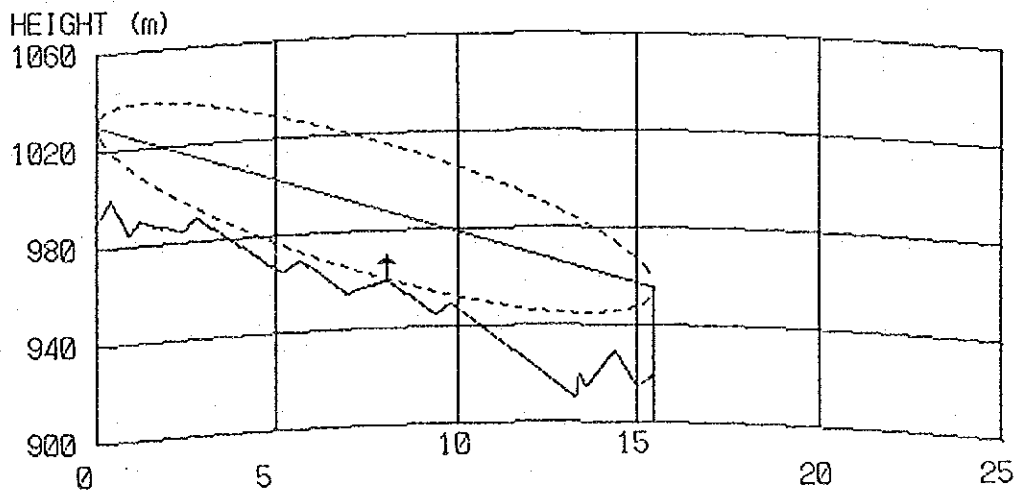
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



DISTANCE : 14.1 km SITE NAME : Maphisa GROUND LEVEL : 989.0 m ANT.HEIGHT 1 : 40.0 m	SITE NAME : Kezi Rep. GROUND LEVEL : 1025.0 m ANT.HEIGHT 2 : 30.0 m
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P R O F I L E

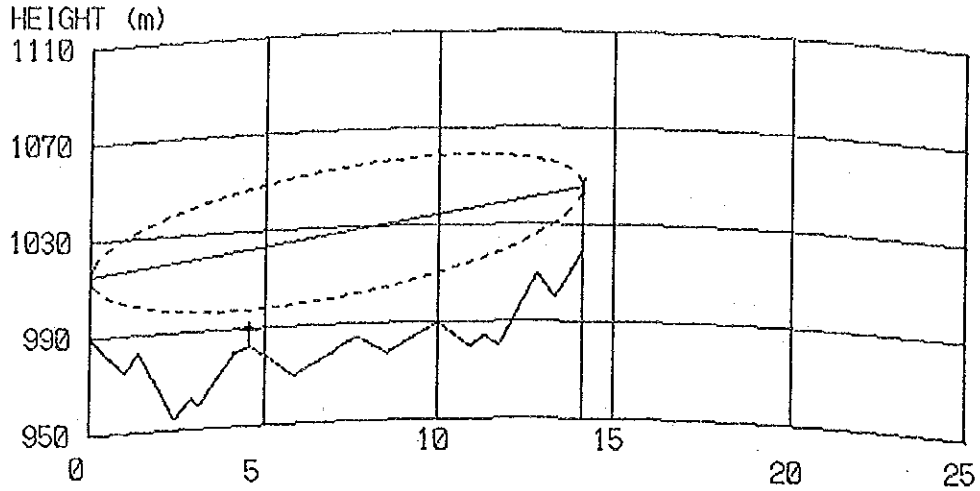
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



DISTANCE : 15.5 km SITE NAME : Maphisa GROUND LEVEL : 990.0 m ANT.HEIGHT 1 : 40.0 m	SITE NAME : Ghol GROUND LEVEL : 920.0 m ANT.HEIGHT 2 : 35.0 m
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P R O F I L E

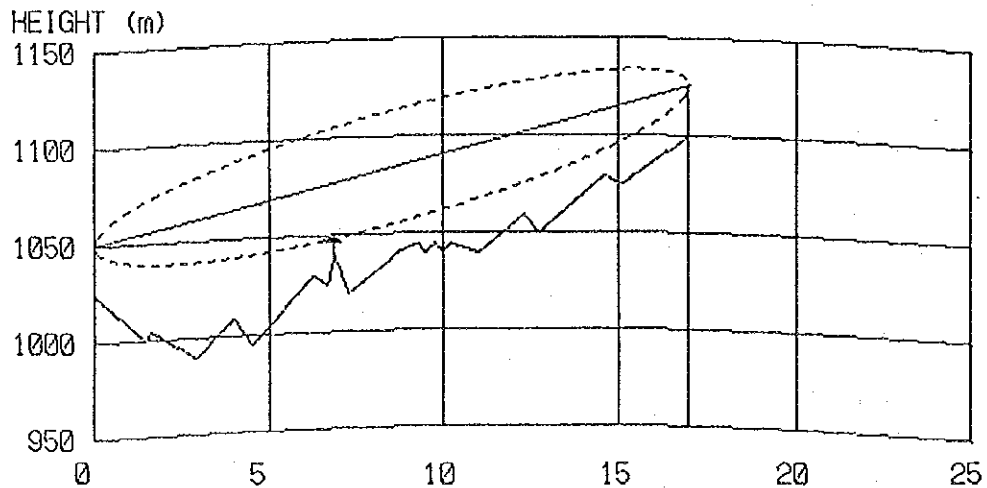
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



DISTANCE : 14.1 km SITE NAME : Maphsa GROUND LEVEL : 990.0 m ANT.HEIGHT 1 : 25.0 m	SITE NAME : Marinoha Sch. GROUND LEVEL : 1020.0 m ANT.HEIGHT 2 : 25.0 m
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P R O F I L E

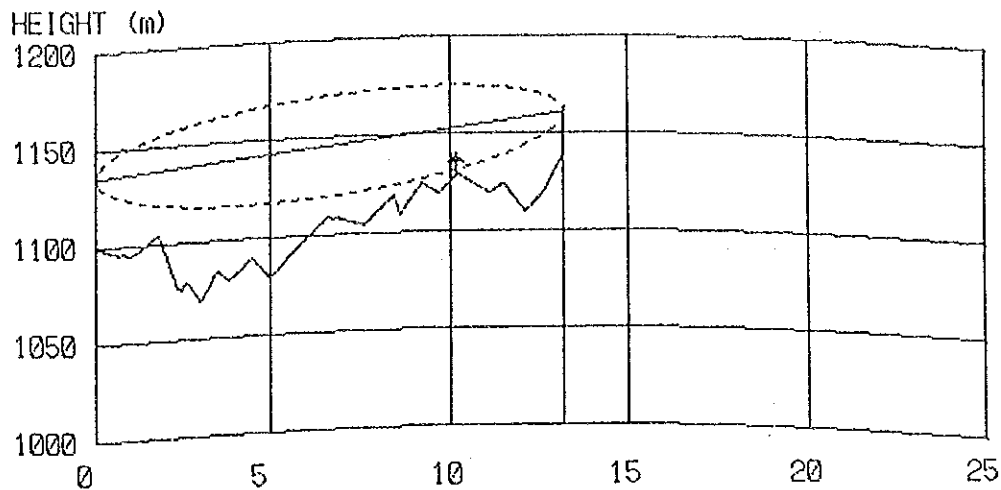
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



DISTANCE : 17 km SITE NAME : Kezi Rep. GROUND LEVEL : 1025.0 m ANT.HEIGHT 1 : 25.0 m	SITE NAME : Woodlands GROUND LEVEL : 1100.0 m ANT.HEIGHT 2 : 25.0 m
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P R O F I L E

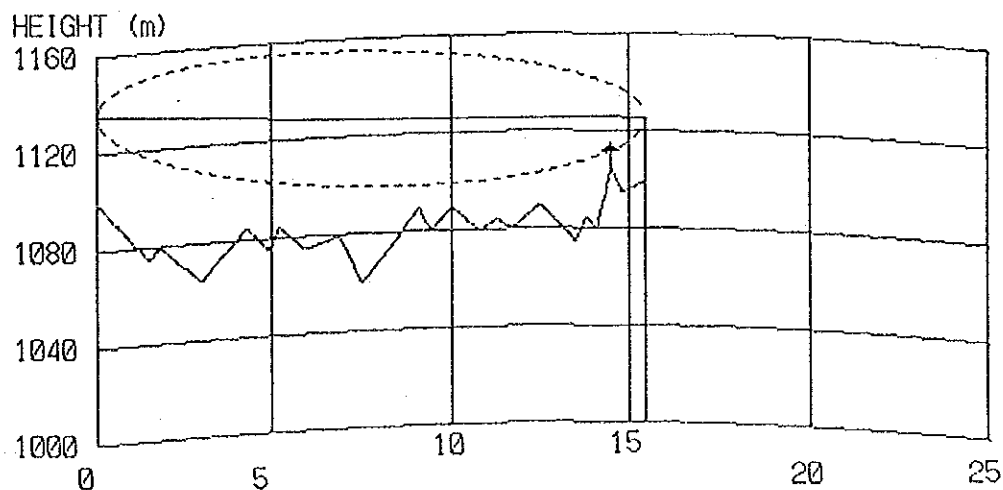
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 13.2 km	
S I T E N A M E : Woodland	S I T E N A M E : Alalie
G R O U N D L E V E L : 1100.0 m	G R O U N D L E V E L : 1140.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 20.0 m

P R O F I L E

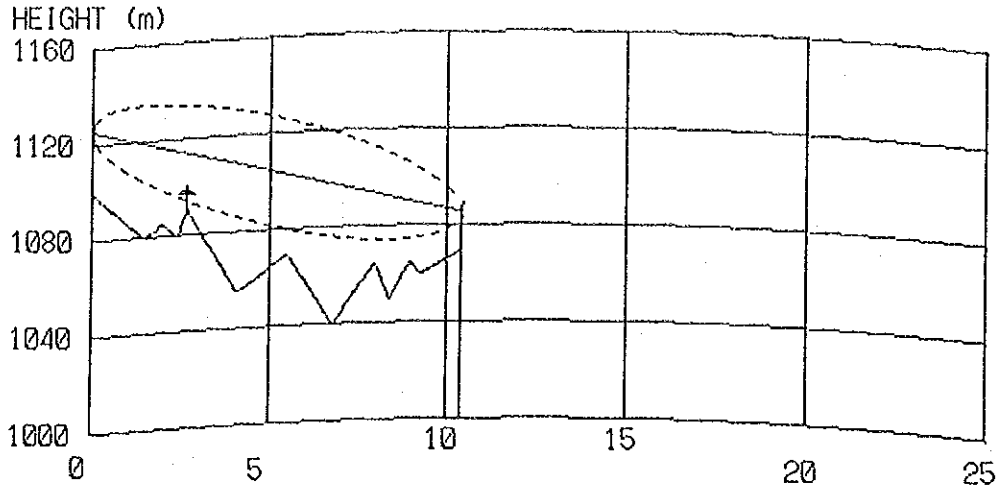
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 15.5 km	
S I T E N A M E : woodland	S I T E N A M E : luma
G R O U N D L E V E L : 1100.0 m	G R O U N D L E V E L : 1100.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 25.0 m

P R O F I L E

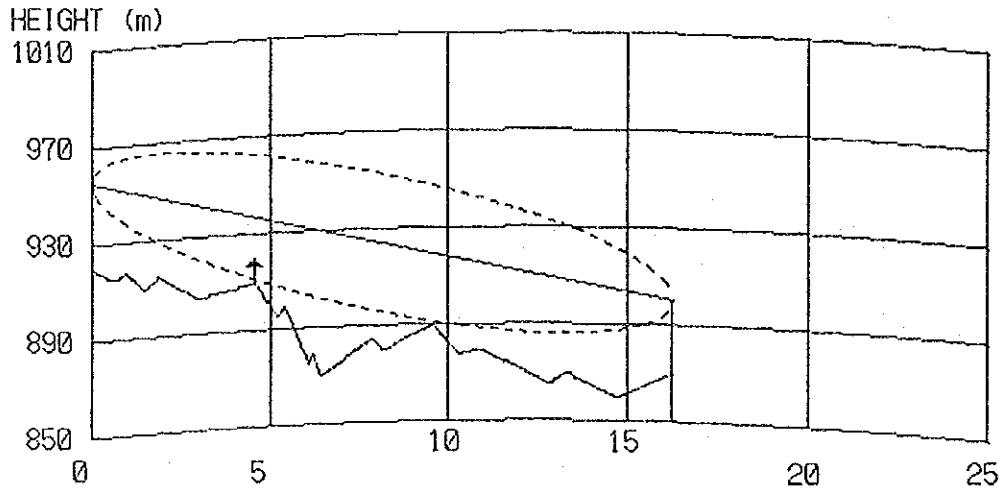
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 10.4 km	
S I T E N A M E : woodland	S I T E N A M E : umfula
G R O U N D L E V E L : 1100.0 m	G R O U N D L E V E L : 1070.0 m
A N T . H E I G H T 1 : 25.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

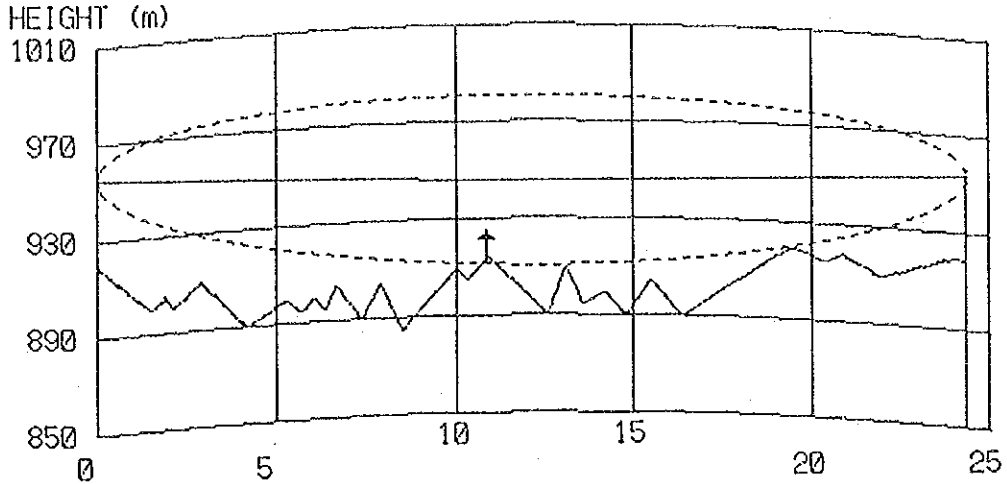
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 16.3 km	
S I T E N A M E : Ghol	S I T E N A M E : Tshelemyenba
G R O U N D L E V E L : 920.0 m	G R O U N D L E V E L : 870.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 30.0 m

P R O F I L E

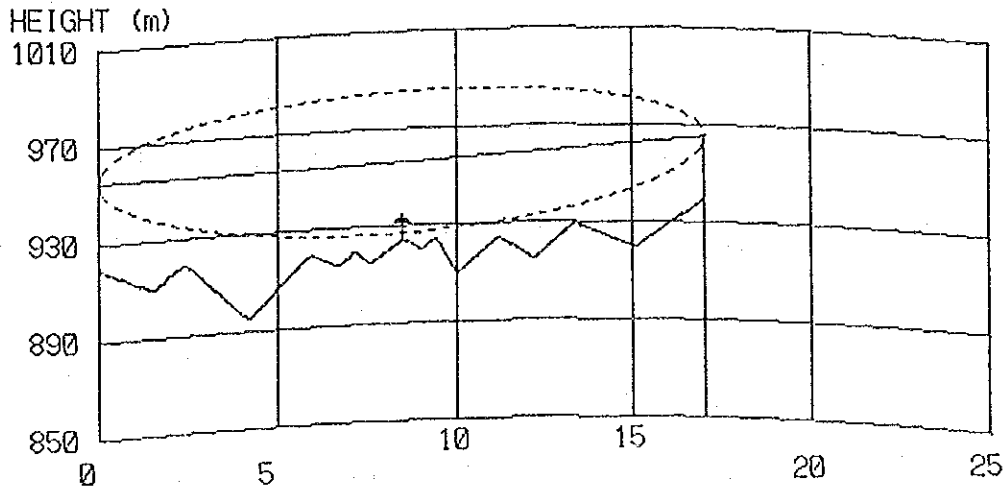
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



	D I S T A N C E : 24.4 km
S I T E N A M E : Ghol	S I T E N A M E : Nyashongwe Sch.
G R O U N D L E V E L : 920.0 m	G R O U N D L E V E L : 918.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 35.0 m

P R O F I L E

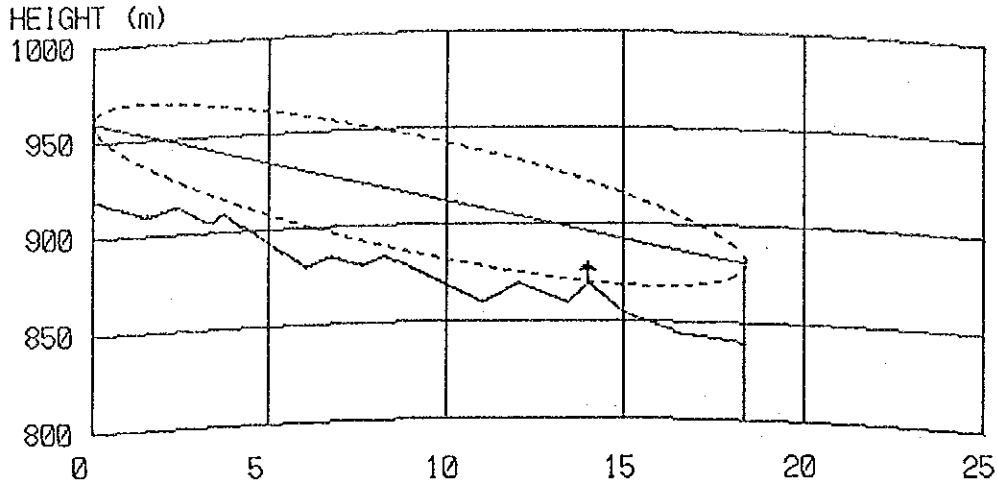
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



	D I S T A N C E : 17 km
S I T E N A M E : Gholi	S I T E N A M E : Nyashongwe B.C.
G R O U N D L E V E L : 920.0 m	G R O U N D L E V E L : 940.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 25.0 m

P R O F I L E

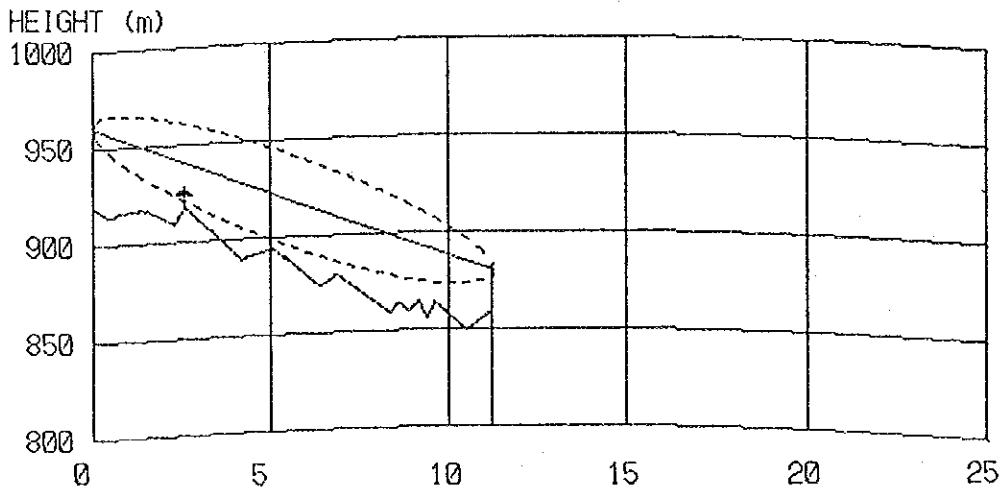
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 18.4 km	
S I T E N A M E : Nyashongwe Sch.	S I T E N A M E : Naseby
G R O U N D L E V E L : 920.0 m	G R O U N D L E V E L : 840.0 m
A N T . H E I G H T 1 : 40.0 m	A N T . H E I G H T 2 : 40.0 m

P R O F I L E

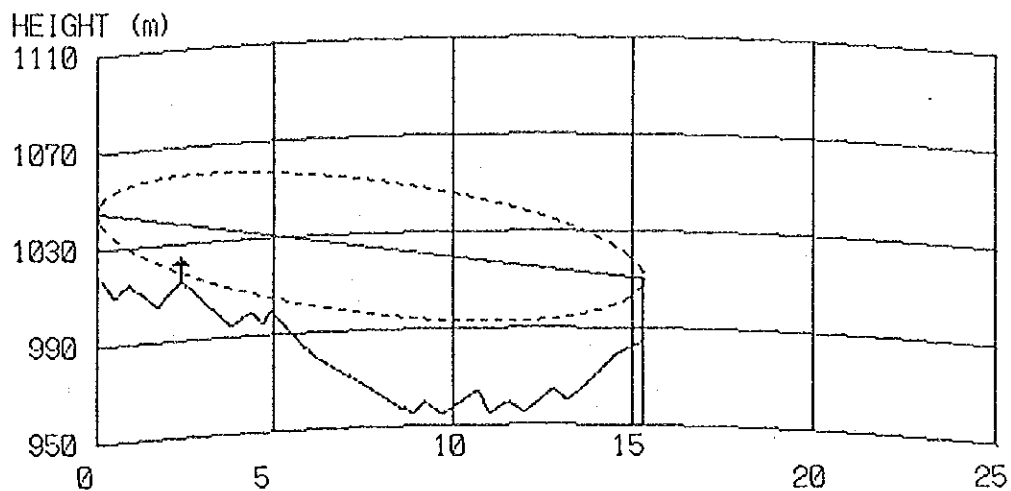
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 11.2 km	
S I T E N A M E : Nyashongwe Sch.	S I T E N A M E : Mambali Sch.
G R O U N D L E V E L : 920.0 m	G R O U N D L E V E L : 860.0 m
A N T . H E I G H T 1 : 40.0 m	A N T . H E I G H T 2 : 20.0 m

P R O F I L E

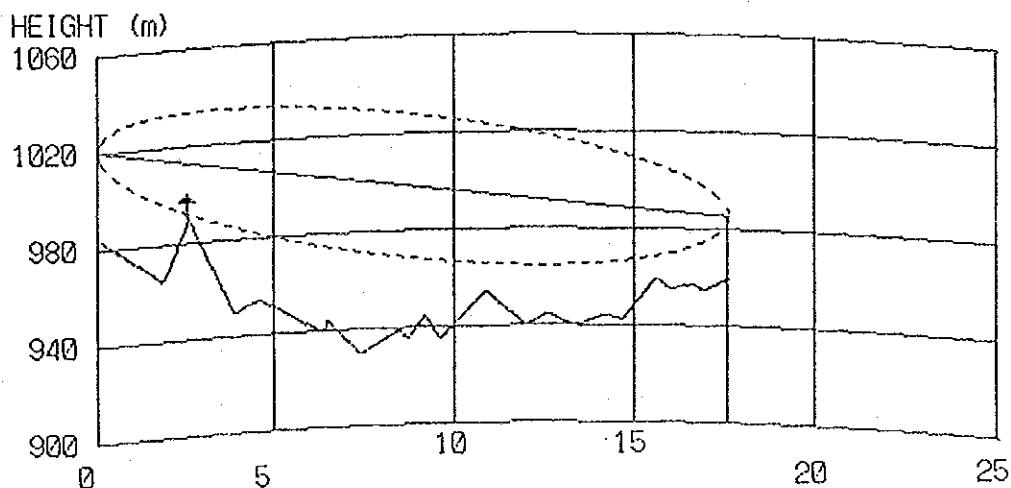
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 15.3 km	
S I T E N A M E : Marinoha Sch.	S I T E N A M E : Lions Park
G R O U N D L E V E L : 1020.0 m	G R O U N D L E V E L : 985.0 m
A N T . H E I G H T 1 : 25.0 m	A N T . H E I G H T 2 : 25.0 m

P R O F I L E

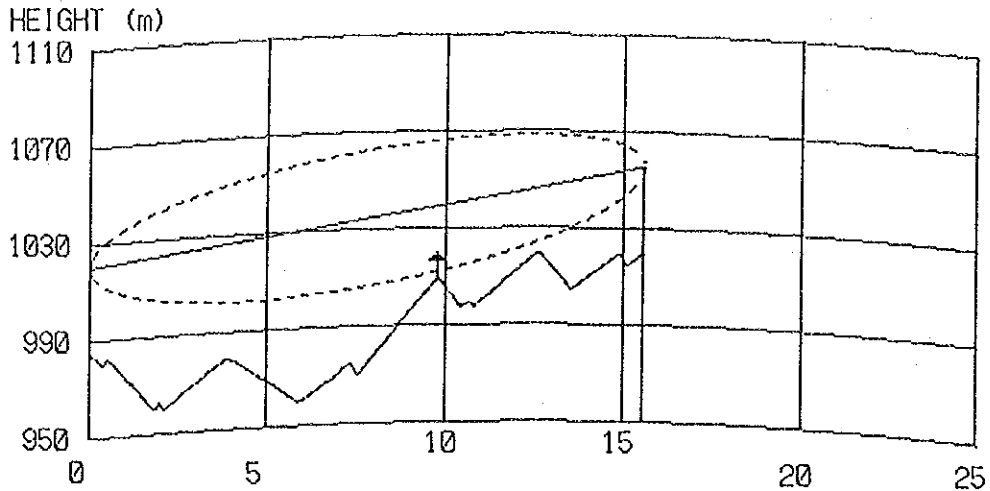
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 17.6 km	
S I T E N A M E : Lions Park	S I T E N A M E : St. Joseph's Miss.
G R O U N D L E V E L : 985.0 m	G R O U N D L E V E L : 960.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 25.0 m

PROFILE

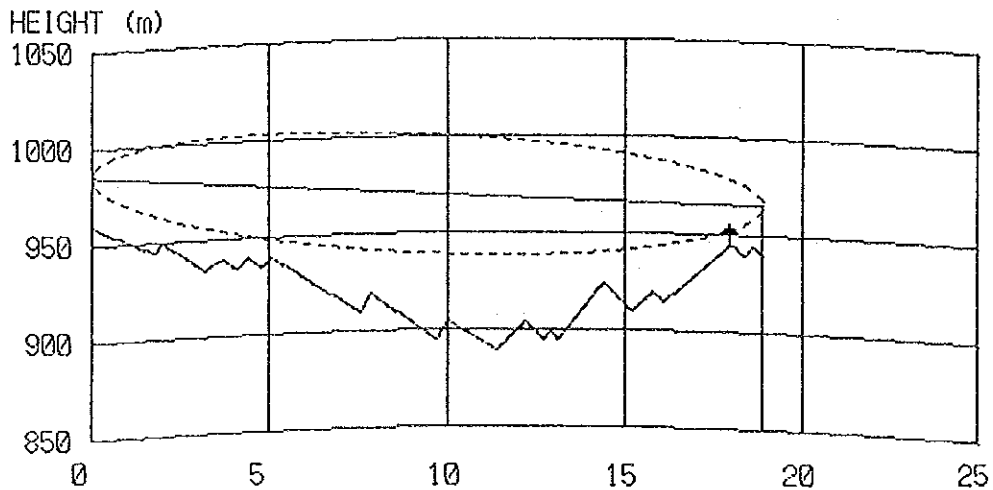
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 15.6 km	
SITE NAME : Lions Park	SITE NAME : Sheshe Mangwe
GROUND LEVEL : 985.0 m	GROUND LEVEL : 1020.0 m
ANT.HEIGHT 1 : 35.0 m	ANT.HEIGHT 2 : 35.0 m

PROFILE

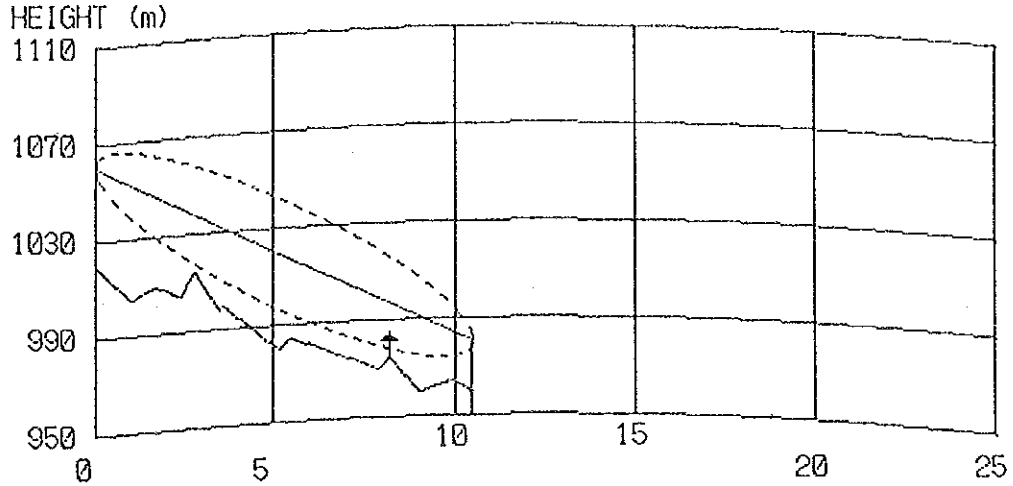
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 18.9 km	
SITE NAME : St. Joseph's Miss.	SITE NAME : Mayobodo B.C.
GROUND LEVEL : 960.0 m	GROUND LEVEL : 940.0 m
ANT.HEIGHT 1 : 25.0 m	ANT.HEIGHT 2 : 25.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)

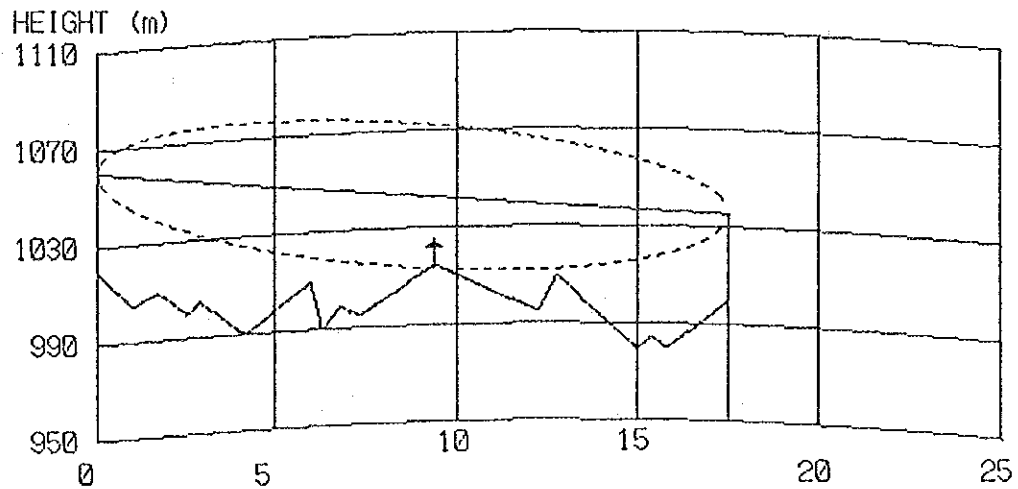


D I S T A N C E : 10.5 km

SITE NAME : Sheshe Mangwe	SITE NAME : Brunapeg Mission
GROUND LEVEL : 1020.0 m	GROUND LEVEL : 960.0 m
ANT.HEIGHT 1 : 40.0 m	ANT.HEIGHT 2 : 20.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)

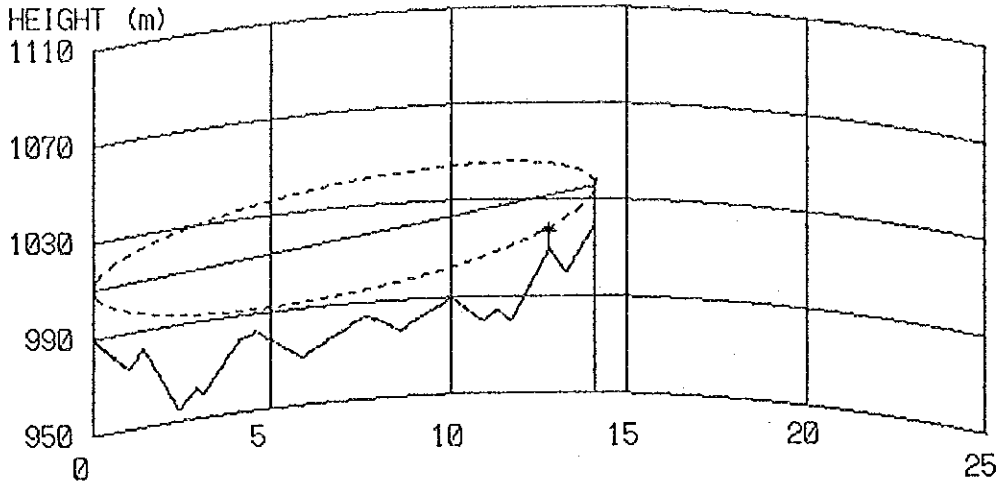


D I S T A N C E : 17.5 km

SITE NAME : Sheshe Mangwe	SITE NAME : Ingwizi
GROUND LEVEL : 1020.0 m	GROUND LEVEL : 1000.0 m
ANT.HEIGHT 1 : 40.0 m	ANT.HEIGHT 2 : 35.0 m

PROFILE

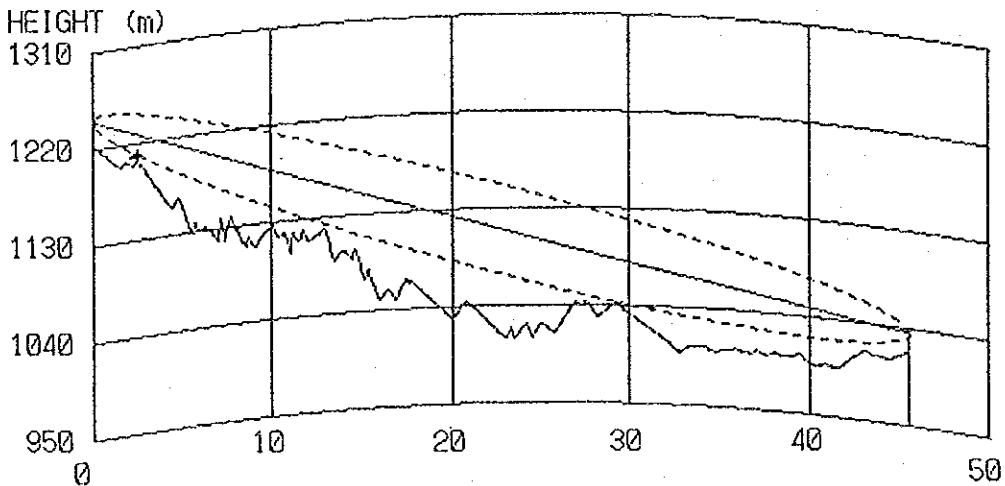
(K : 0.67 FREQUENCY : 2000 MHz)



SITE NAME : Maphsa	DISTANCE : 14.1 km
GROUND LEVEL : 990.0 m	SITE NAME : Marinoha Sch.
ANT.HEIGHT 1 : 20.0 m	GROUND LEVEL : 1020.0 m
	ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 2000 MHz)

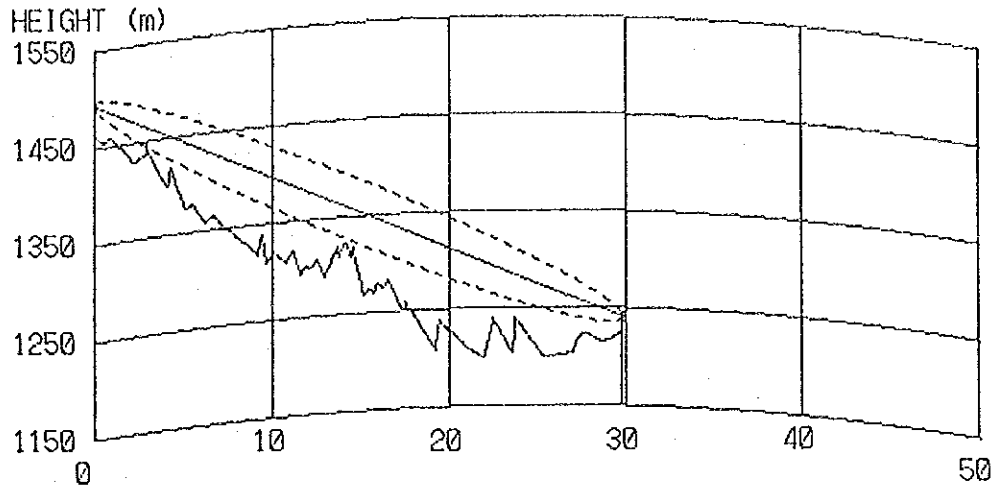


SITE NAME : Ficksburg	DISTANCE : 45.6 km
GROUND LEVEL : 1225.0 m	SITE NAME : Marinoha Sch.
ANT.HEIGHT 1 : 20.0 m	GROUND LEVEL : 1020.0 m
	ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33

FREQUENCY : 2000 MHz)



	DISTANCE :	29.8 km		
SITE NAME :	Syringa		SITE NAME :	Ficksburg
GROUND LEVEL :	1463.0 m		GROUND LEVEL :	1225.0 m
ANT.HEIGHT 1 :	30.0 m		ANT.HEIGHT 2 :	15.0 m

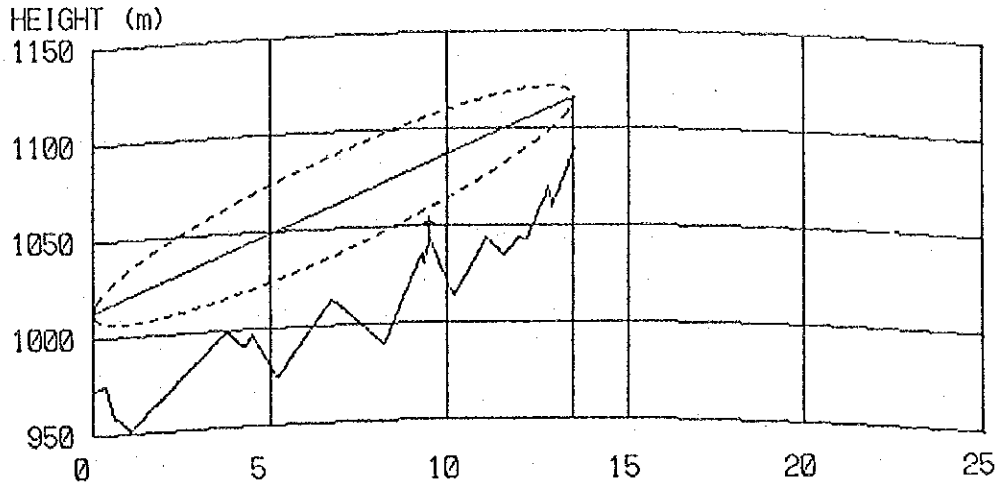
Path Profile Maps (Murambinda Area)

1.	Murambinda	-	Bedza B.C.
2.	Murambinda	-	Hatinahama
3.	Bedza B.C.	-	Gombe B.C.
4.	Bedza B.C.	-	Maradzano B.C.
5.	Bedza B.C.	-	Buhera B.C.
6.	Bedza B.C.	-	Mukudo B.C.
7.	Bedza B.C.	-	Chitsa
8.	Bedza B.C.	-	Madya Rep.
9.	Madya Rep.	-	Makarara B.C.
10.	Madya Rep.	-	Dorowa
11.	Buhera B.C.	-	Nerutanga B.C.
12.	Nerutanga B.C.	-	Chapxanya
13.	Chapxanya	-	St. George Sch.
14.	Chapxanya	-	Mupatsi B.C.
15.	Chapxanya	-	Gokomere B.C.
16.	Hatinahama	-	Nyashanu Police
17.	Hatinahama	-	Chiurwi B.C.
18.	Hatinahama	-	Barawara Rep.
19.	Chiurwi B.C.	-	Matendera B.C.
20.	Chiurwi B.C.	-	Zyomoyo Sch.
21.	Barawara Rep.	-	Kandenga B.C.
22.	Barawara Rep.	-	Chirozva Sch.
(*)	23. Murambinda	-	Hatinahama
(*)	24. Hatinahama	-	Bepe B.C.
(*)	25. Bepe B.C.	-	Craigendoran
(*)	26. Craigendoran	-	Cecil Kop

(*) Trunk Route

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)

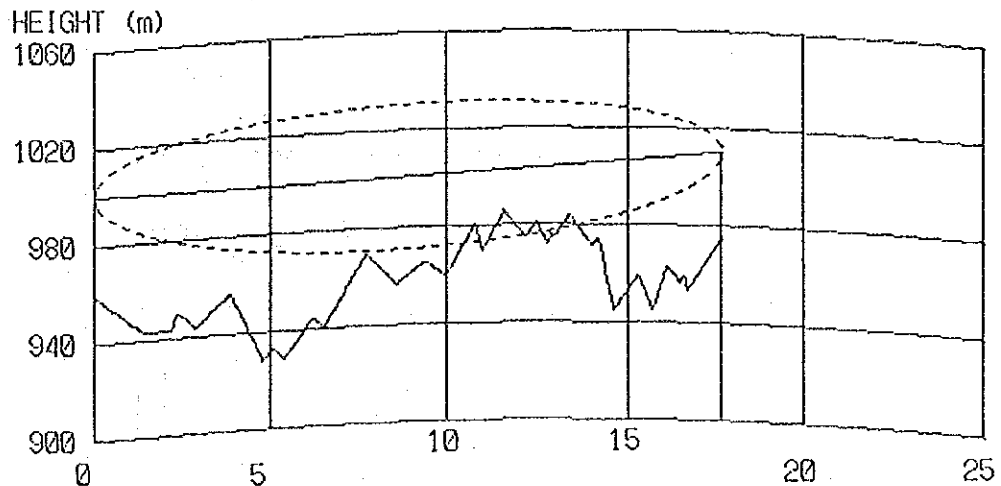


SITE NAME : Murambinda
 GROUND LEVEL : 973.0 m
 ANT.HEIGHT 1 : 40.0 m

SITE NAME : Bedza
 GROUND LEVEL : 1090.0 m
 ANT.HEIGHT 2 : 25.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)

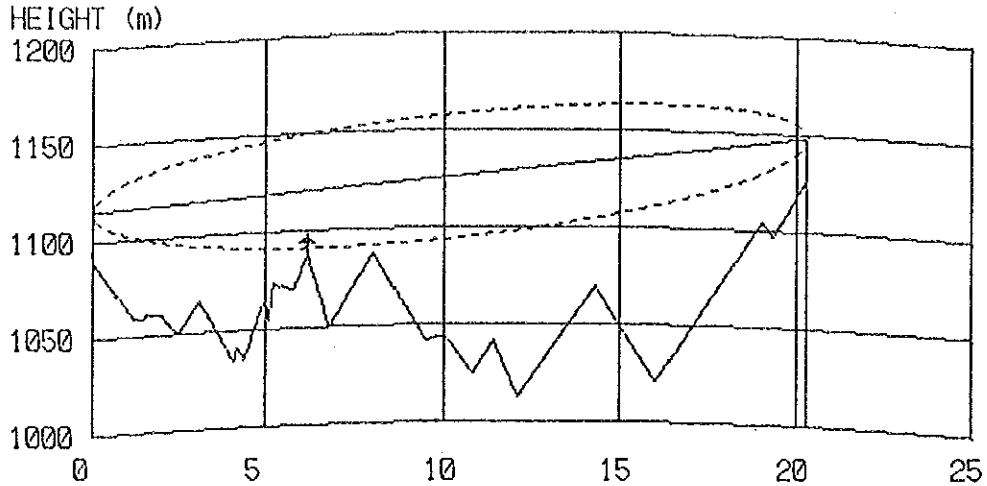


SITE NAME : Murambinda
 GROUND LEVEL : 960.0 m
 ANT.HEIGHT 1 : 40.0 m

SITE NAME : Hatinahama
 GROUND LEVEL : 975.0 m
 ANT.HEIGHT 2 : 35.0 m

P R O F I L E

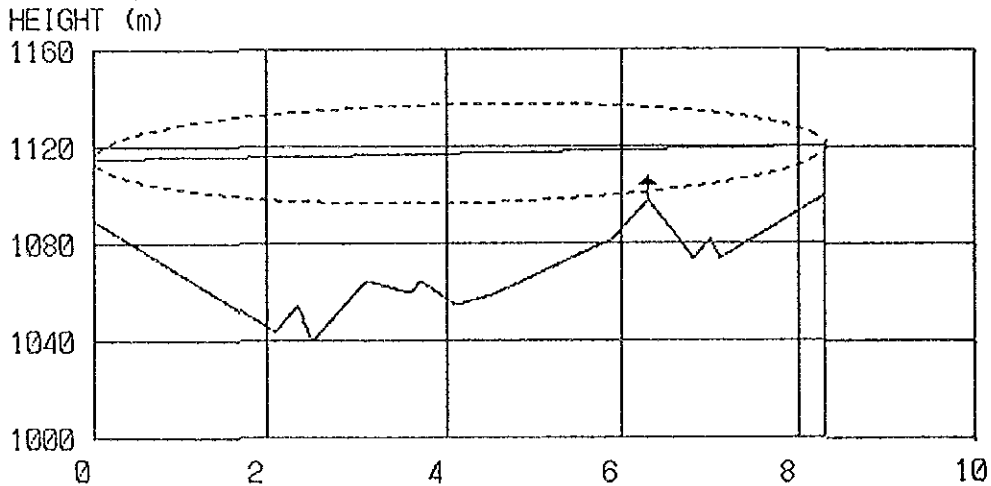
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



DISTANCE : 20.3 km SITE NAME : Bedza GROUND LEVEL : 1090.0 m ANT.HEIGHT 1 : 25.0 m	SITE NAME : Gombe GROUND LEVEL : 1128.0 m ANT.HEIGHT 2 : 20.0 m
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P R O F I L E

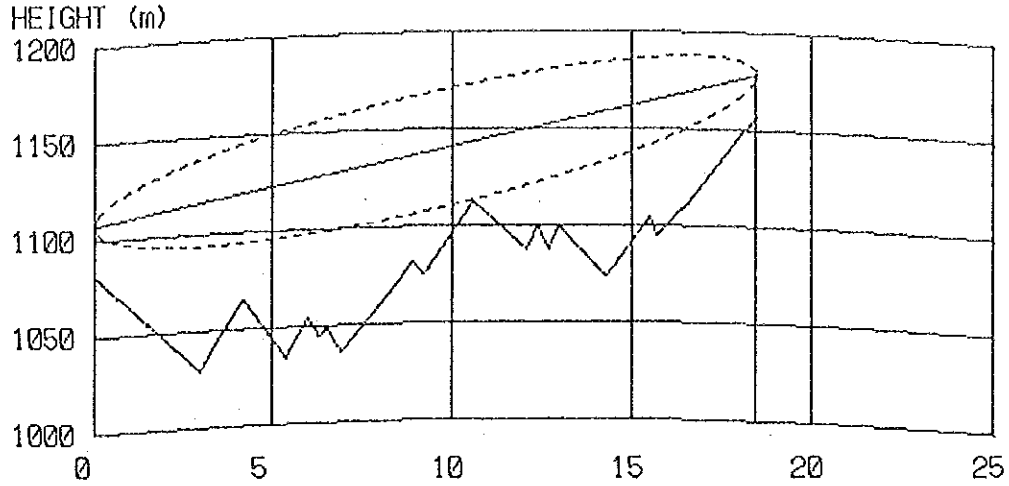
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



DISTANCE : 8.3 km SITE NAME : Bedza GROUND LEVEL : 1090.0 m ANT.HEIGHT 1 : 25.0 m	SITE NAME : Maradzano GROUND LEVEL : 1100.0 m ANT.HEIGHT 2 : 20.0 m
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P R O F I L E

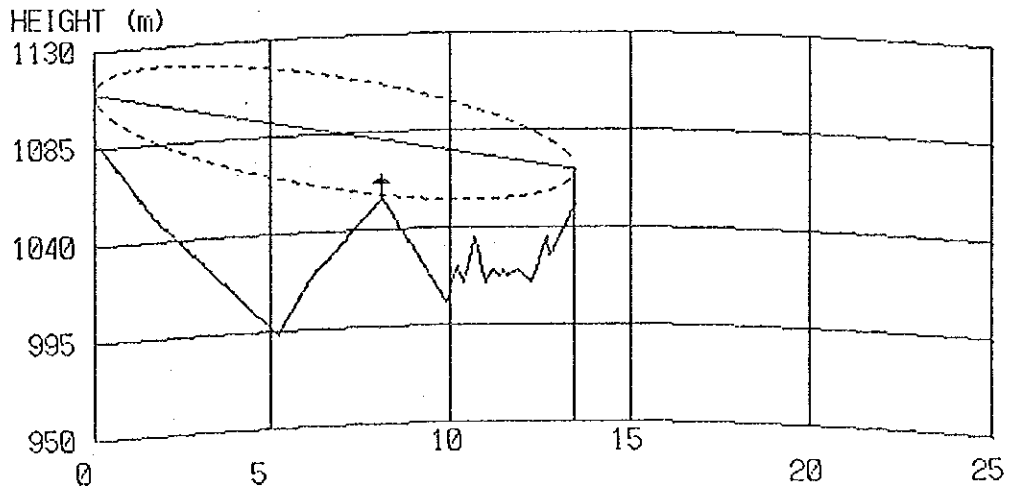
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



	D I S T A N C E : 18.5 km
S I T E N A M E : Bedza B.C.	S I T E N A M E : Buhera B.C.
G R O U N D L E V E L : 1082.0 m	G R O U N D L E V E L : 1158.0 m
A N T . H E I G H T 1 : 25.0 m	A N T . H E I G H T 2 : 20.0 m

P R O F I L E

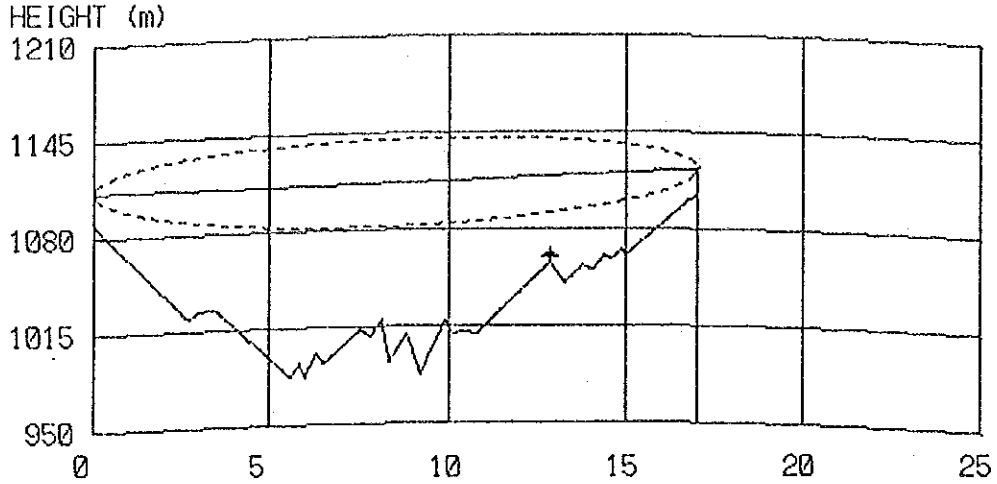
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



	D I S T A N C E : 13.5 km
S I T E N A M E : Bedza	S I T E N A M E : Mukudo
G R O U N D L E V E L : 1090.0 m	G R O U N D L E V E L : 1051.0 m
A N T . H E I G H T 1 : 20.0 m	A N T . H E I G H T 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



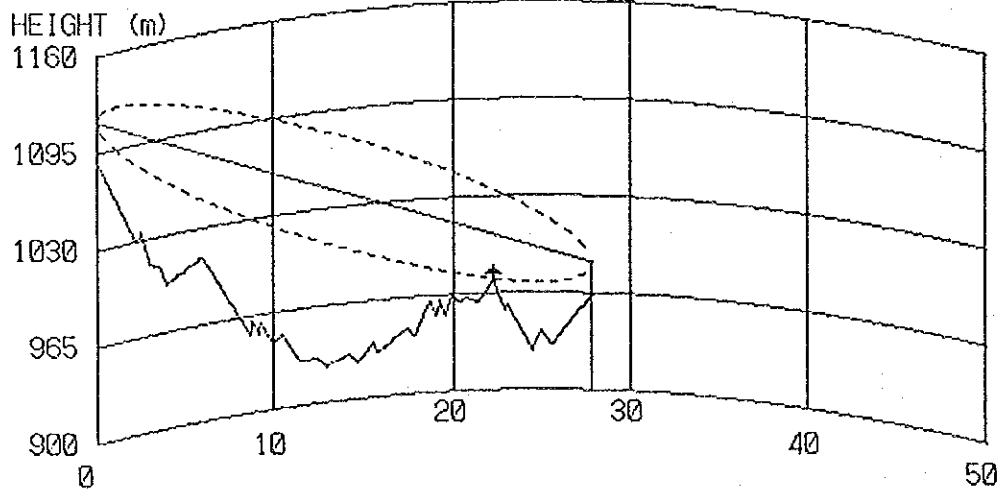
DISTANCE : 17 km

SITE NAME : Bedza
GROUND LEVEL : 1090.0 m
ANT.HEIGHT 1 : 20.0 m

SITE NAME : Chitsa
GROUND LEVEL : 1105.0 m
ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



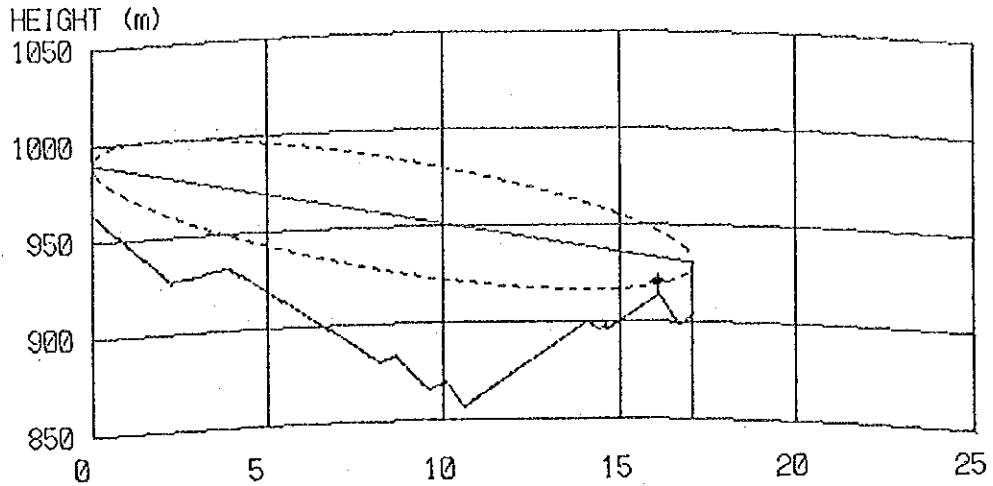
DISTANCE : 27.9 km

SITE NAME : Bedza
GROUND LEVEL : 1090.0 m
ANT.HEIGHT 1 : 25.0 m

SITE NAME : Madya Rep.
GROUND LEVEL : 965.0 m
ANT.HEIGHT 2 : 20.0 m

P R O F I L E

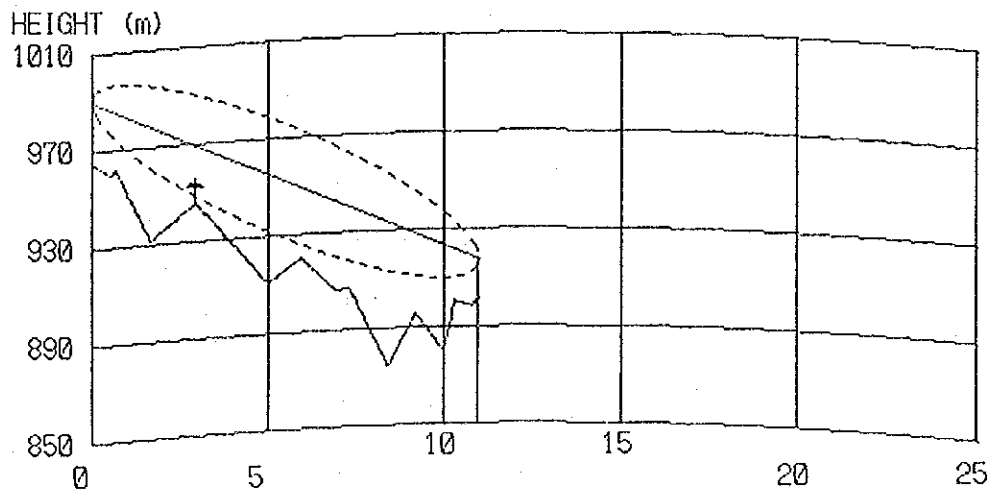
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 17.1 km	
S I T E N A M E : Madya Rep.	S I T E N A M E : Makarara B.C.
G R O U N D L E V E L : 965.0 m	G R O U N D L E V E L : 905.0 m
A N T . H E I G H T 1 : 25.0 m	A N T . H E I G H T 2 : 25.0 m

P R O F I L E

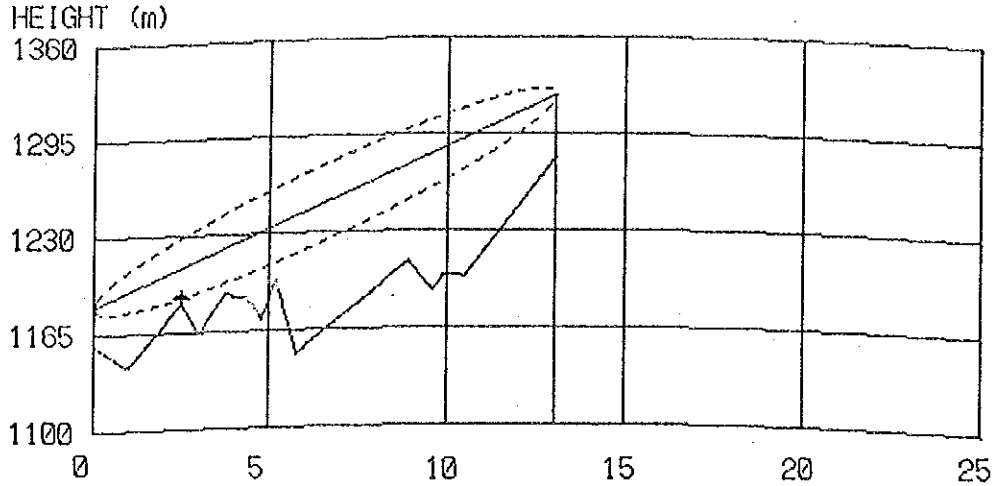
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 11 km	
S I T E N A M E : Madya Rep.	S I T E N A M E : Dorowa
G R O U N D L E V E L : 965.0 m	G R O U N D L E V E L : 902.0 m
A N T . H E I G H T 1 : 25.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

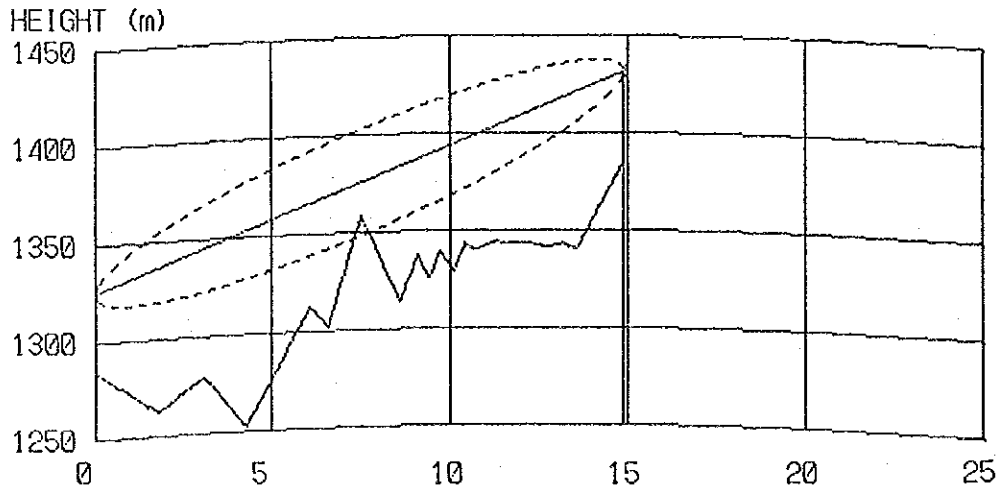
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



DISTANCE : 13.1 km SITE NAME : Buhera B.C. GROUND LEVEL : 1158.0 m ANT.HEIGHT 1 : 25.0 m	DISTANCE : 13.1 km SITE NAME : Nerutanga B.C. GROUND LEVEL : 1280.0 m ANT.HEIGHT 2 : 40.0 m
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P R O F I L E

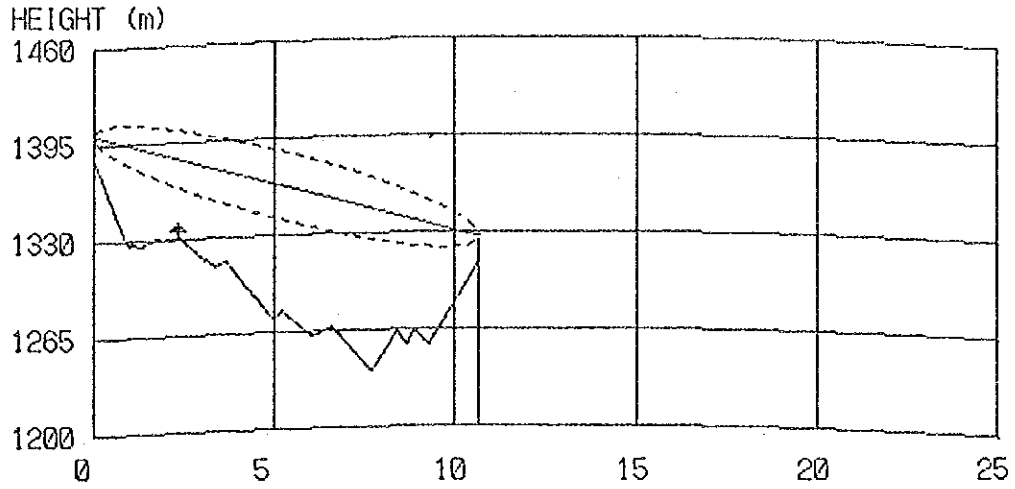
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



DISTANCE : 14.9 km SITE NAME : Nerutanga GROUND LEVEL : 1285.0 m ANT.HEIGHT 1 : 40.0 m	DISTANCE : 14.9 km SITE NAME : Chapxanya GROUND LEVEL : 1386.0 m ANT.HEIGHT 2 : 45.0 m
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PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



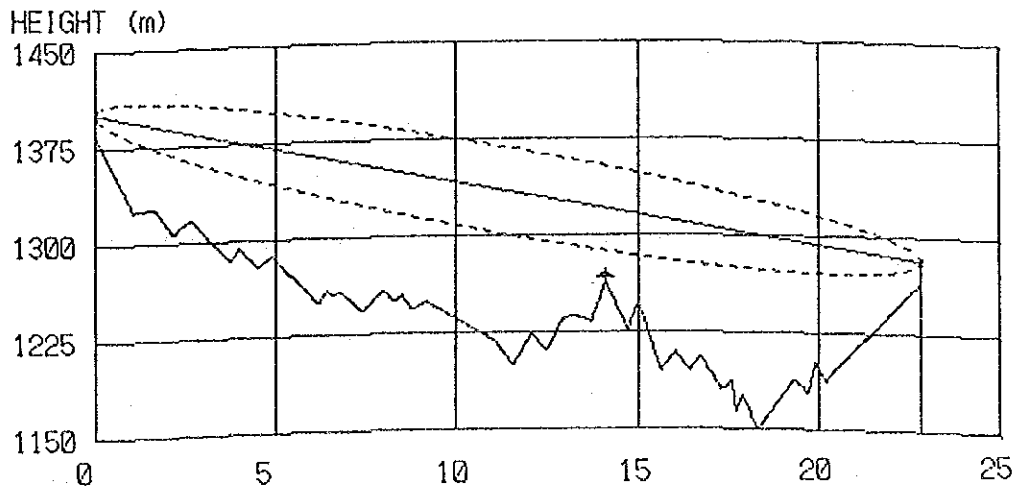
DISTANCE : 10.7 km

SITE NAME : Chapxanya
GROUND LEVEL : 1386.0 m
ANT.HEIGHT 1 : 15.0 m

SITE NAME : St. George Sch.
GROUND LEVEL : 1311.0 m
ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



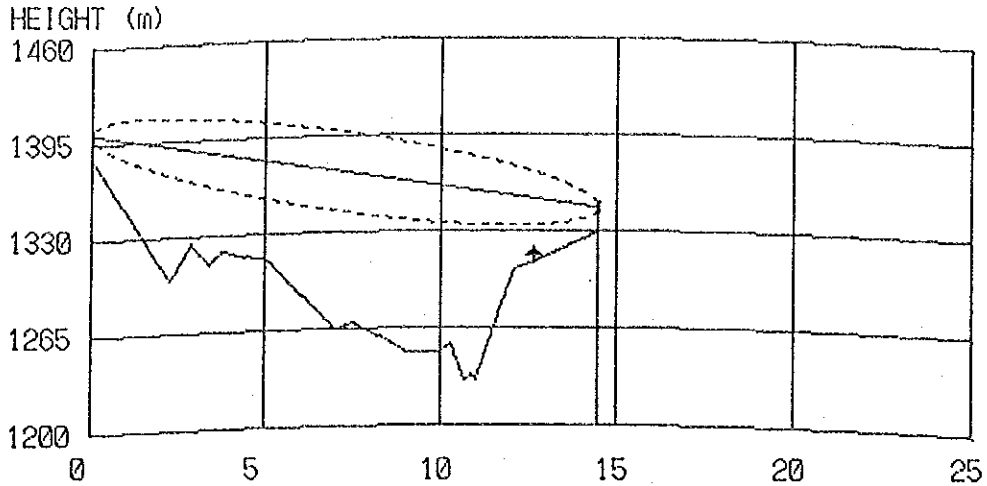
DISTANCE : 22.8 km

SITE NAME : Chapxanya
GROUND LEVEL : 1386.0 m
ANT.HEIGHT 1 : 15.0 m

SITE NAME : Mupatsi
GROUND LEVEL : 1266.0 m
ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 14.5 km

SITE NAME : Chapxanya

SITE NAME : Gokomere

GROUND LEVEL : 1386.0 m

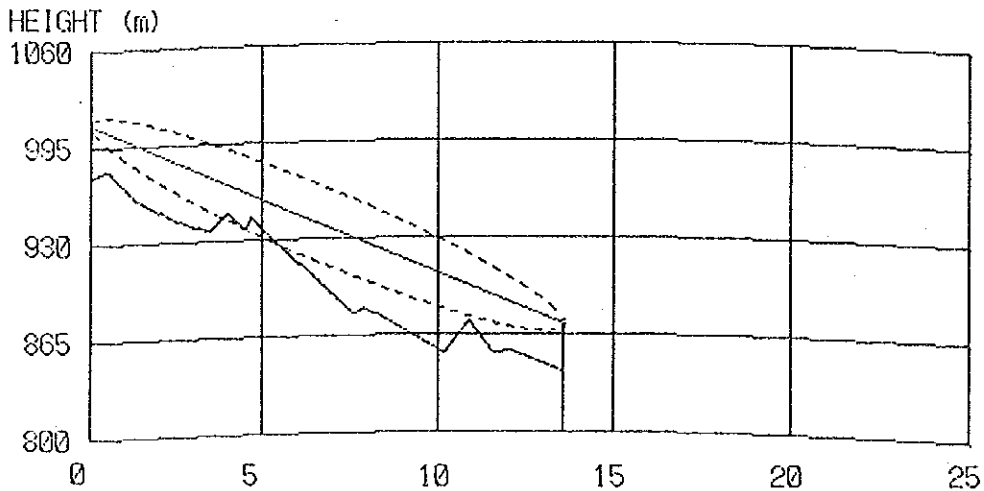
GROUND LEVEL : 1330.0 m

ANT.HEIGHT 1 : 15.0 m

ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 13.6 km

SITE NAME : Hatinahama

SITE NAME : Nyashanu Police

GROUND LEVEL : 975.0 m

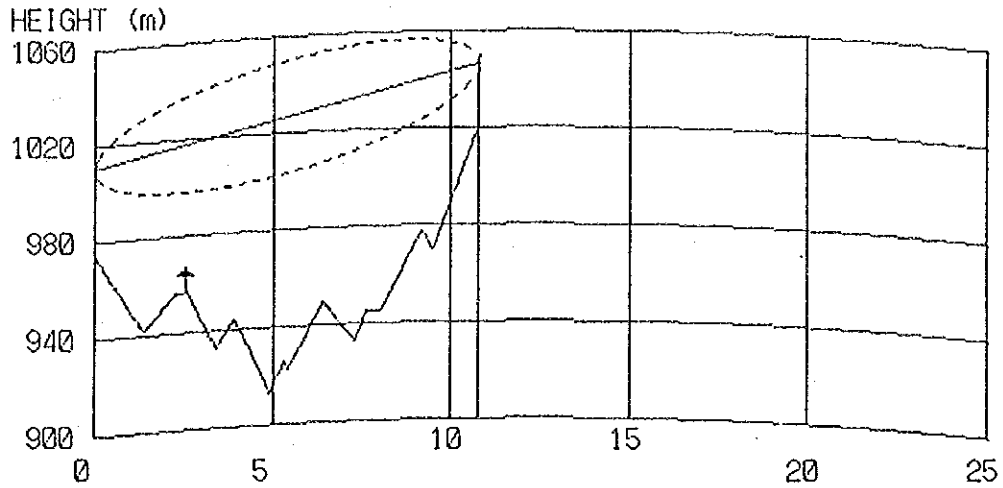
GROUND LEVEL : 841.0 m

ANT.HEIGHT 1 : 35.0 m

ANT.HEIGHT 2 : 30.0 m

P R O F I L E

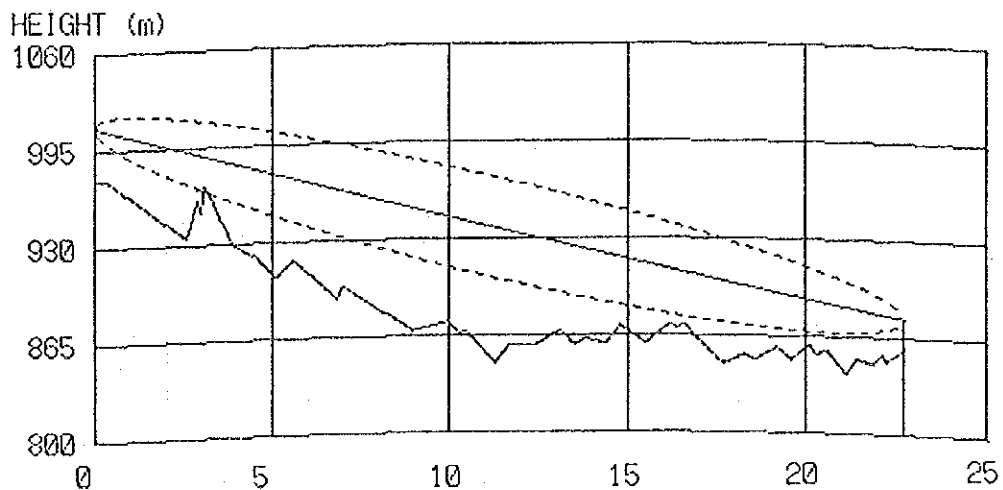
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 10.8 km	
S I T E N A M E : Hatinahama	S I T E N A M E : Chiurwi
G R O U N D L E V E L : 975.0 m	G R O U N D L E V E L : 1021.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 25.0 m

P R O F I L E

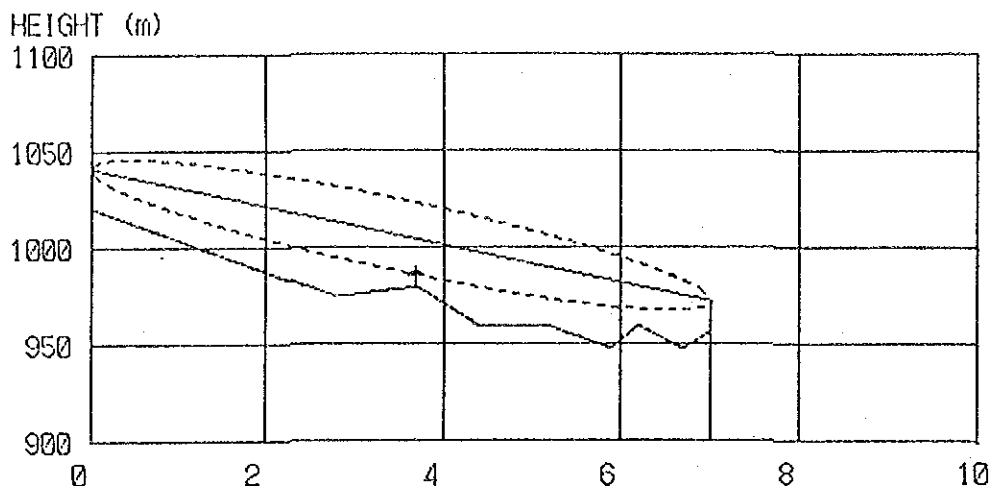
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 22.7 km	
S I T E N A M E : Hatinahama	S I T E N A M E : Barawara Rep.
G R O U N D L E V E L : 975.0 m	G R O U N D L E V E L : 857.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 20.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)



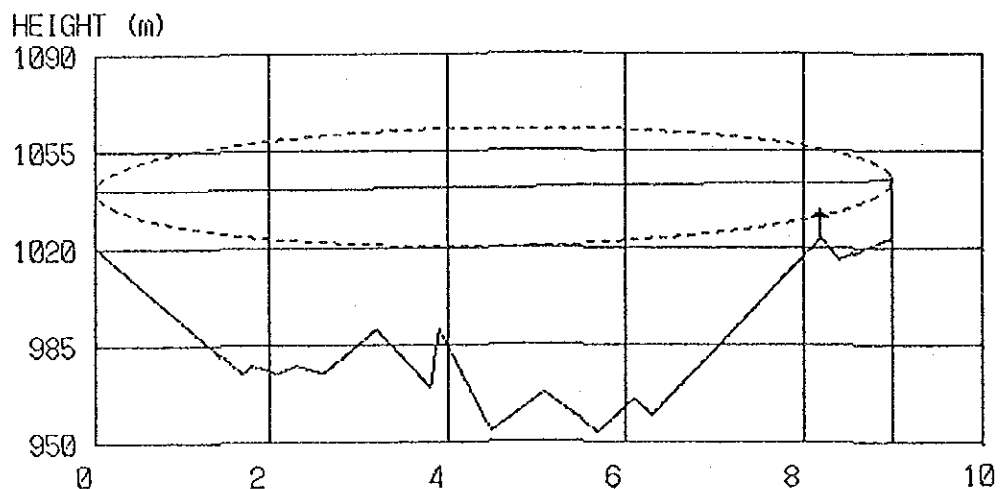
D I S T A N C E : 7 k m

S I T E N A M E : Chiurwi
 G R O U N D L E V E L : 1021.0 m
 A N T . H E I G H T 1 : 20.0 m

S I T E N A M E : Matendera
 G R O U N D L E V E L : 957.0 m
 A N T . H E I G H T 2 : 15.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)



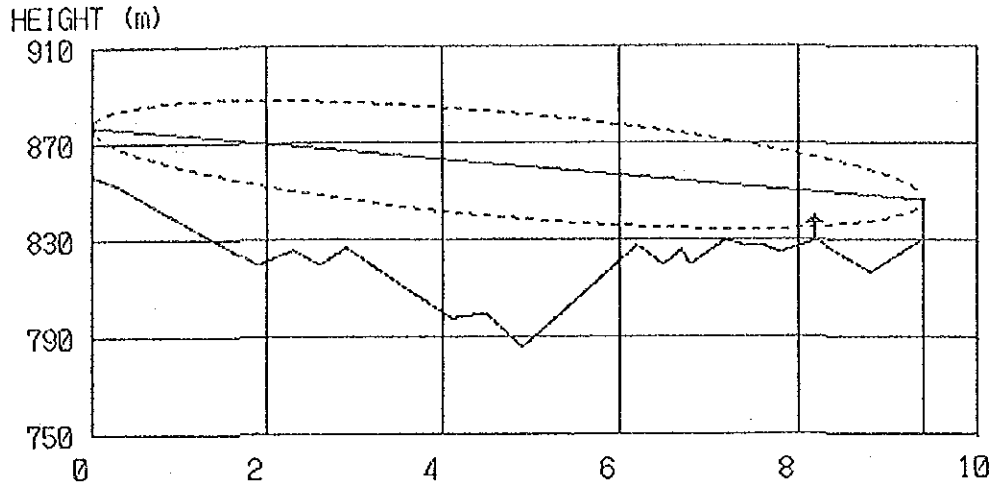
D I S T A N C E : 9 k m

S I T E N A M E : Chiurwi
 G R O U N D L E V E L : 1021.0 m
 A N T . H E I G H T 1 : 20.0 m

S I T E N A M E : Ziomoyo Sch.
 G R O U N D L E V E L : 1024.0 m
 A N T . H E I G H T 2 : 20.0 m

P R O F I L E

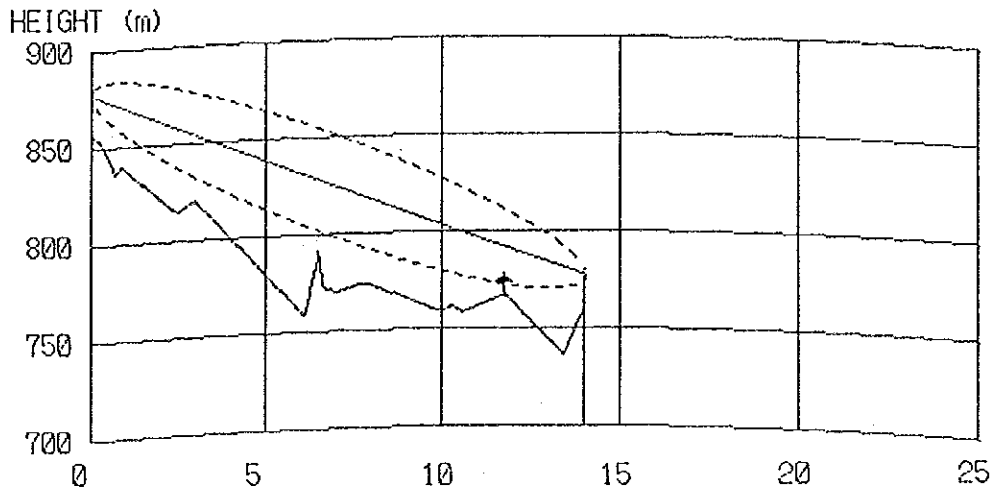
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



	D I S T A N C E : 9.4 km
S I T E N A M E : Barawara Rep.	S I T E N A M E : Kandenga
G R O U N D L E V E L : 857.0 m	G R O U N D L E V E L : 831.0 m
A N T . H E I G H T 1 : 20.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

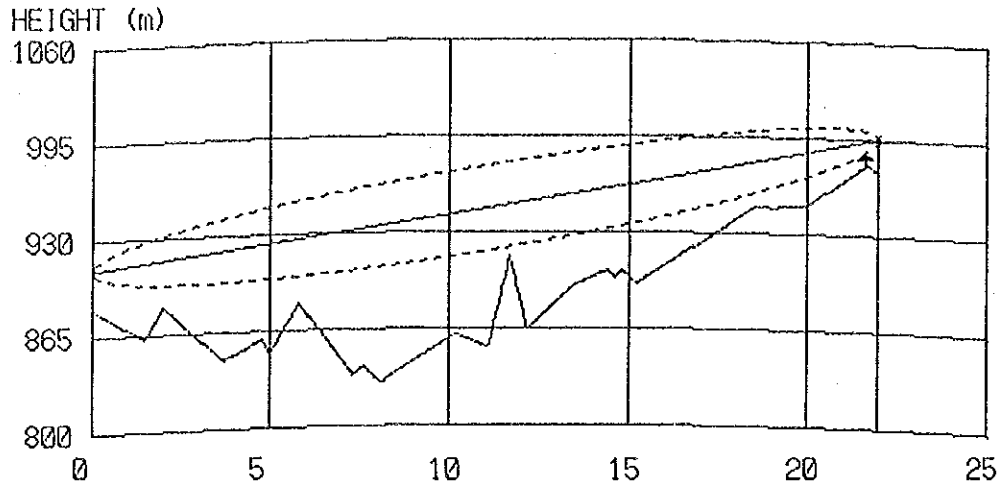
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



	D I S T A N C E : 14 km
S I T E N A M E : Barawara Rep.	S I T E N A M E : Chirozva Sch.
G R O U N D L E V E L : 857.0 m	G R O U N D L E V E L : 762.0 m
A N T . H E I G H T 1 : 20.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

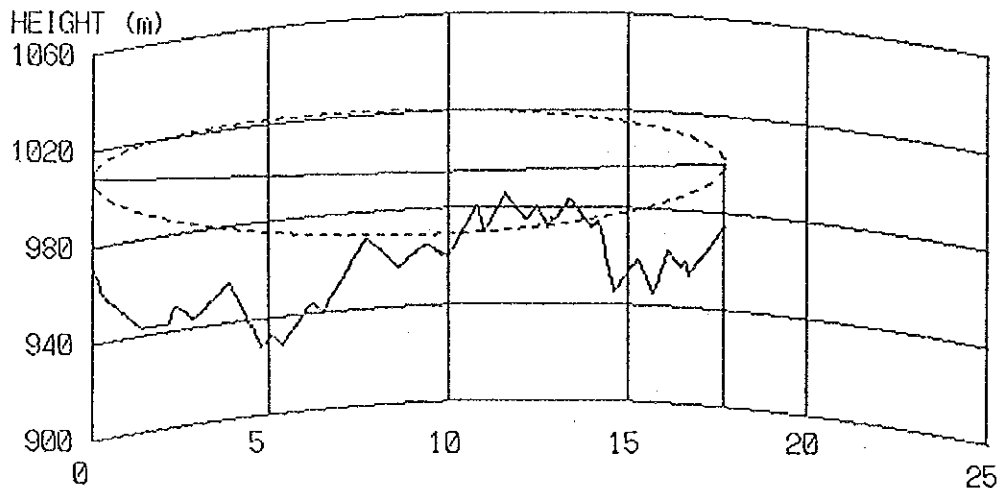
(K : 1.33 F R E Q U E N C Y : 2000 M H z)



D I S T A N C E : 22 km	
S I T E N A M E : Hatinahama	S I T E N A M E : Bepe B.C.
G R O U N D L E V E L : 884.0 m	G R O U N D L E V E L : 975.0 m
A N T . H E I G H T 1 : 25.0 m	A N T . H E I G H T 2 : 20.0 m

P R O F I L E

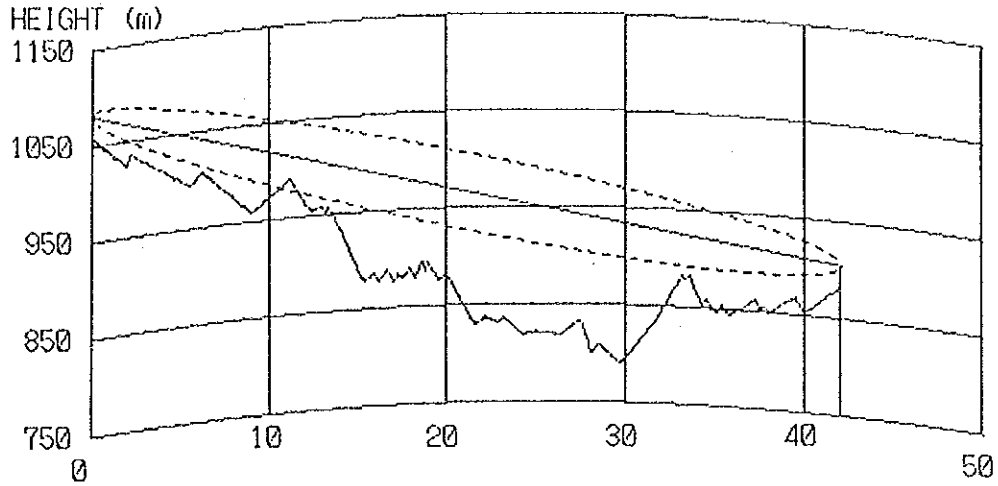
(K : 0.67 F R E Q U E N C Y : 2000 M H z)



D I S T A N C E : 17.7 km	
S I T E N A M E : Murambinda	S I T E N A M E : Hatinahama
G R O U N D L E V E L : 973.0 m	G R O U N D L E V E L : 975.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 25.0 m

P R O F I L E

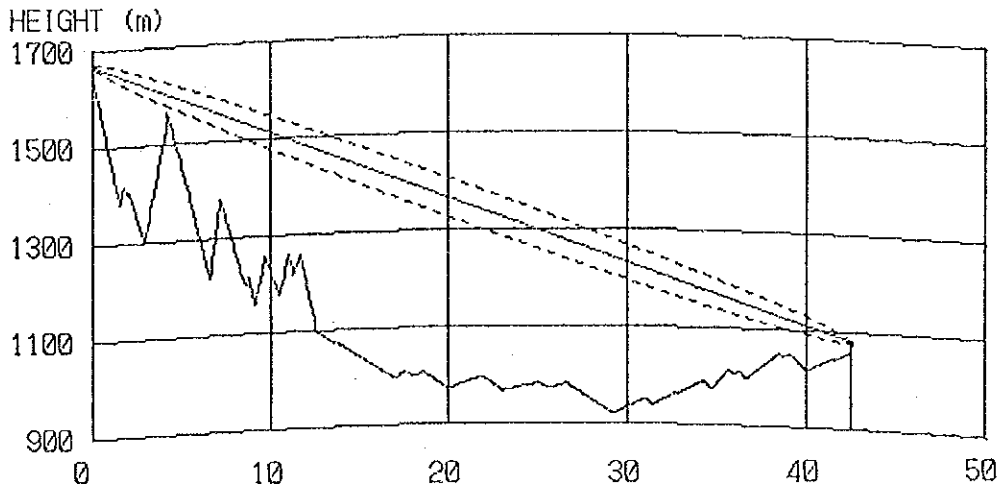
(K : 1.33 F R E Q U E N C Y : 2000 MHz)



D I S T A N C E : 42.1 km	
S I T E N A M E : Craigendoran Rep.	S I T E N A M E : Bepe B.C.
G R O U N D L E V E L : 1060.0 m	G R O U N D L E V E L : 884.0 m
A N T . H E I G H T 1 : 20.0 m	A N T . H E I G H T 2 : 20.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2000 MHz)



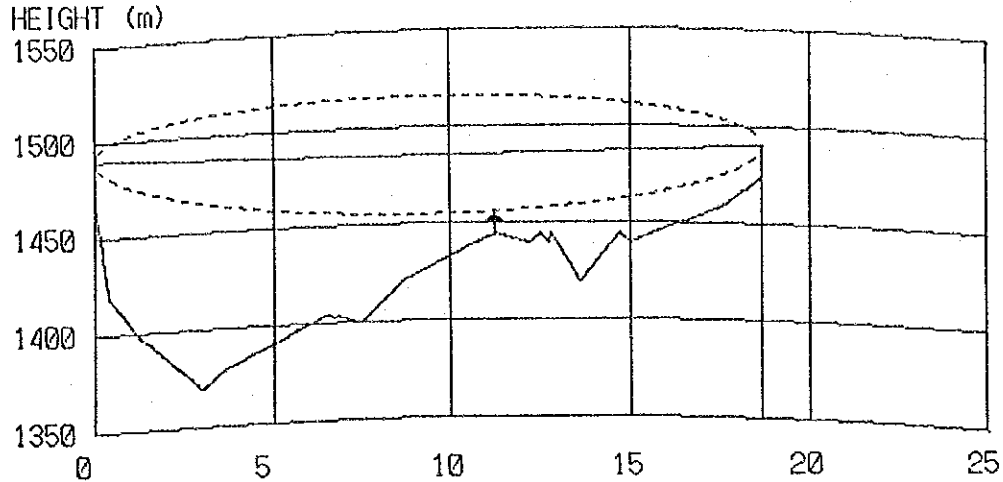
D I S T A N C E : 42.5 km	
S I T E N A M E : Cecil Kop	S I T E N A M E : Craigendoran Rep.
G R O U N D L E V E L : 1648.0 m	G R O U N D L E V E L : 1060.0 m
A N T . H E I G H T 1 : 20.0 m	A N T . H E I G H T 2 : 20.0 m

Path Profile Maps (Gutu Area)

- | | | | |
|----|-----------|---|---------------|
| 1. | Gutu Rep. | - | Willand |
| 2. | Gutu Rep. | - | Nerupiri B.C. |
| 3. | Gutu Rep. | - | Mawere |
| 4. | Gutu Rep. | - | Chekuru Sch. |
| 5. | Gutu Rep. | - | Devure B.C. |
| 6. | Gutu Rep. | - | Zvavahara |
| 7. | Gutu Rep. | - | Soti Source |
| 8. | Zvavahara | - | Jaravaza |
| 9. | Zvavahara | - | Mutundura |

PROFILE

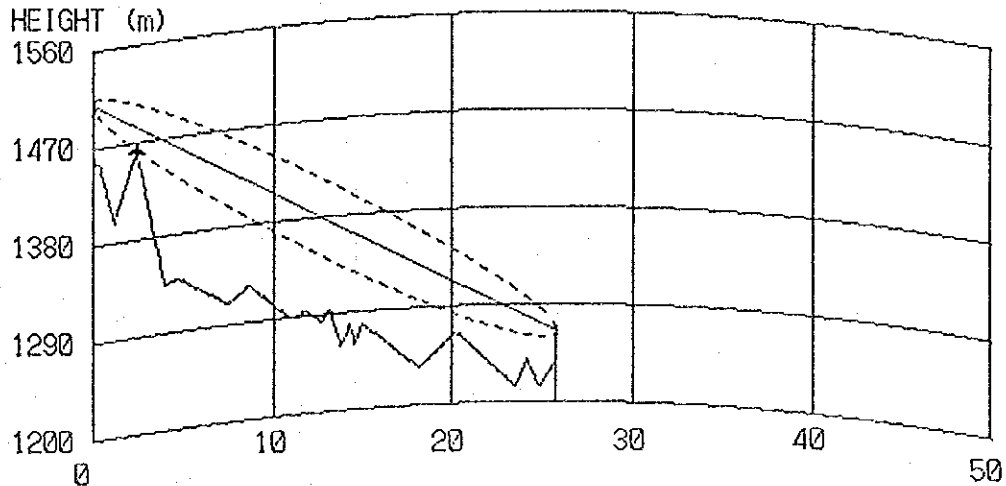
(K : 1.33 FREQUENCY : 1500 MHz)



	DISTANCE :	18.7 km		
SITE NAME :	Gutu Rep.		SITE NAME :	Willand
GROUND LEVEL :	1470.0 m		GROUND LEVEL :	1475.0 m
ANT.HEIGHT 1 :	20.0 m		ANT.HEIGHT 2 :	15.0 m

PROFILE

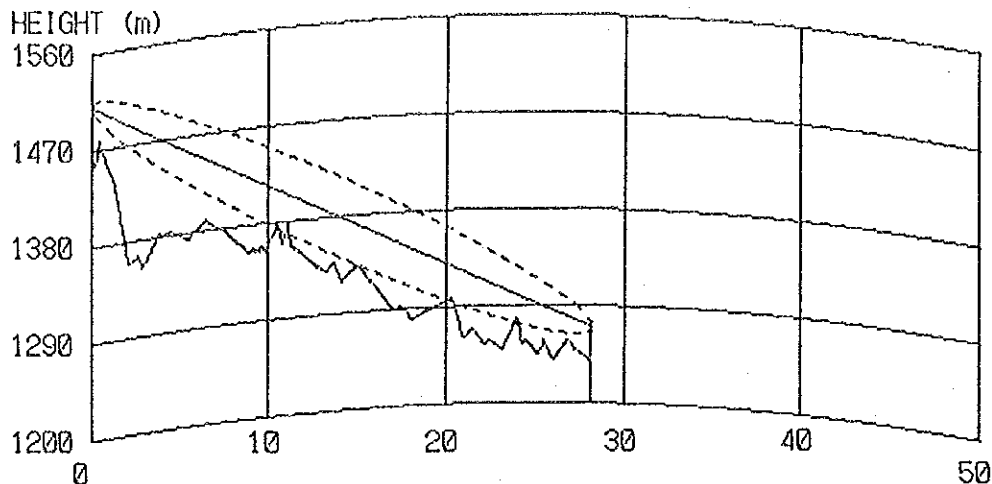
(K : 1.33 FREQUENCY : 1500 MHz)



	DISTANCE :	25.7 km		
SITE NAME :	Gutu Rep.		SITE NAME :	Nerupiri B.C.
GROUND LEVEL :	1470.0 m		GROUND LEVEL :	1240.0 m
ANT.HEIGHT 1 :	40.0 m		ANT.HEIGHT 2 :	25.0 m

P R O F I L E

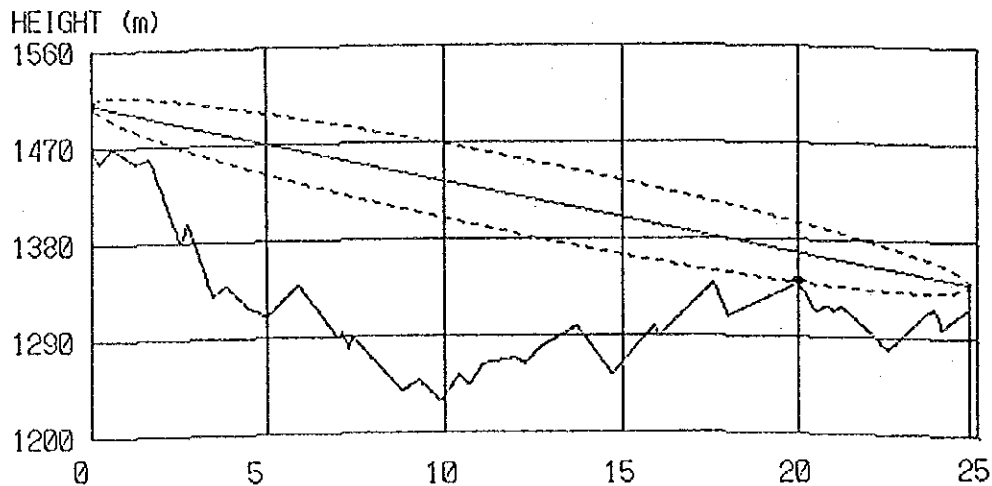
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 28.1 km	
S I T E N A M E : Gutu Rep.	S I T E N A M E : Mawere
G R O U N D L E V E L : 1470.0 m	G R O U N D L E V E L : 1240.0 m
A N T . H E I G H T 1 : 40.0 m	A N T . H E I G H T 2 : 30.0 m

P R O F I L E

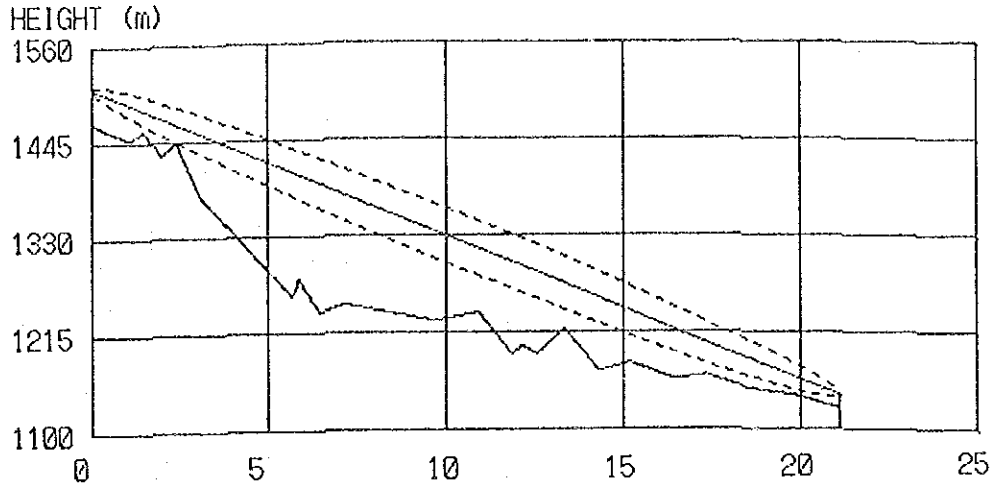
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 24.8 km	
S I T E N A M E : Gutu Rep.	S I T E N A M E : Chekurü Sch.
G R O U N D L E V E L : 1470.0 m	G R O U N D L E V E L : 1320.0 m
A N T . H E I G H T 1 : 40.0 m	A N T . H E I G H T 2 : 20.0 m

PROFILE

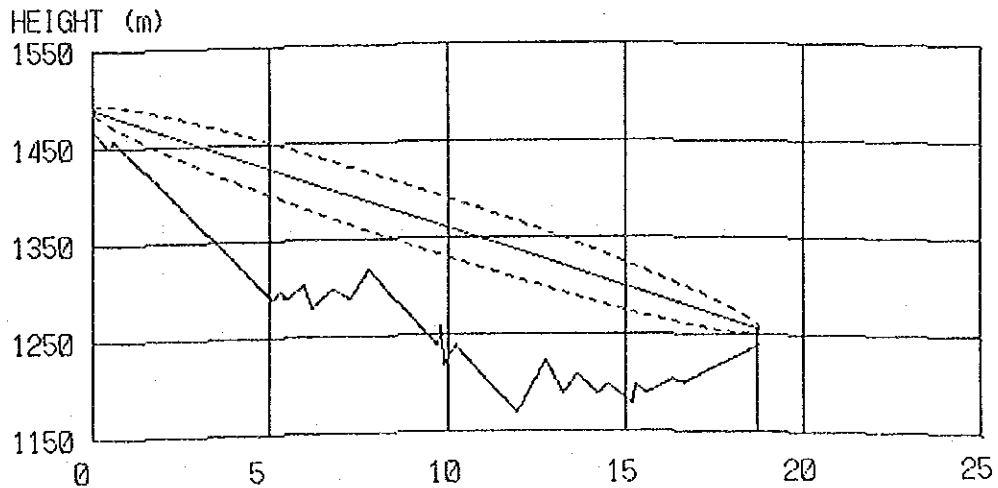
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 21.1 km
SITE NAME : Gutu Rep. SITE NAME : Devure B.C.
GROUND LEVEL : 1470.0 m GROUND LEVEL : 1125.0 m
ANT.HEIGHT 1 : 40.0 m ANT.HEIGHT 2 : 15.0 m

PROFILE

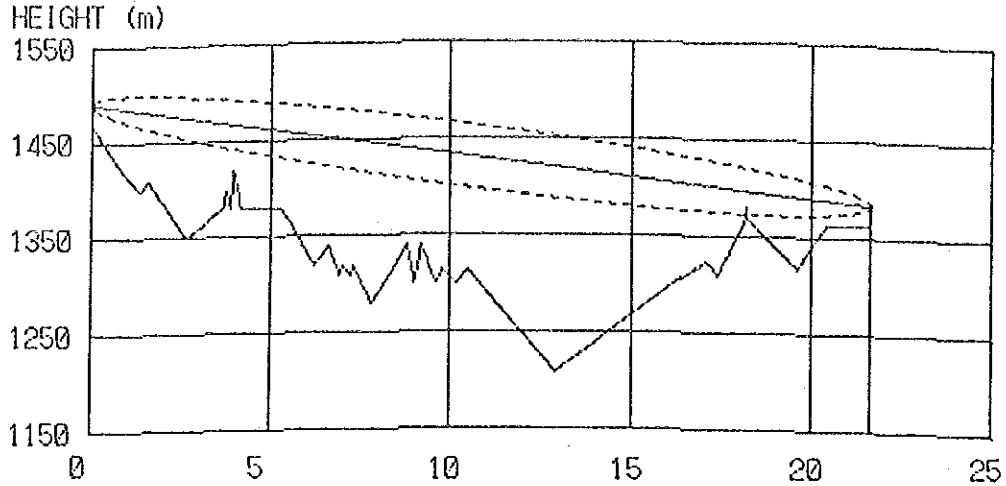
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 18.8 km
SITE NAME : Gutu Rep. SITE NAME : Zvavahera
GROUND LEVEL : 1470.0 m GROUND LEVEL : 1240.0 m
ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



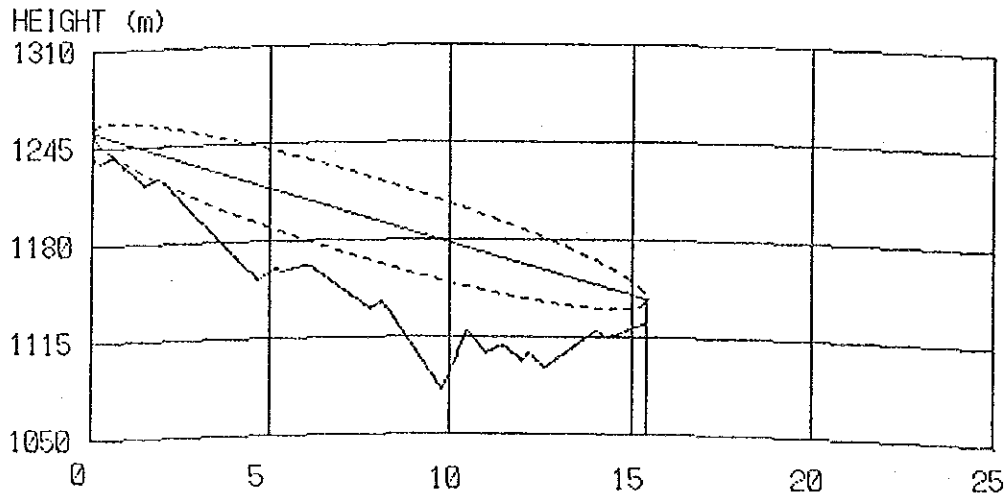
DISTANCE : 21.6 km

SITE NAME : Gutu Rep.
GROUND LEVEL : 1470.0 m
ANT.HEIGHT 1 : 20.0 m

SITE NAME : Soti Source
GROUND LEVEL : 1363.0 m
ANT.HEIGHT 2 : 20.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



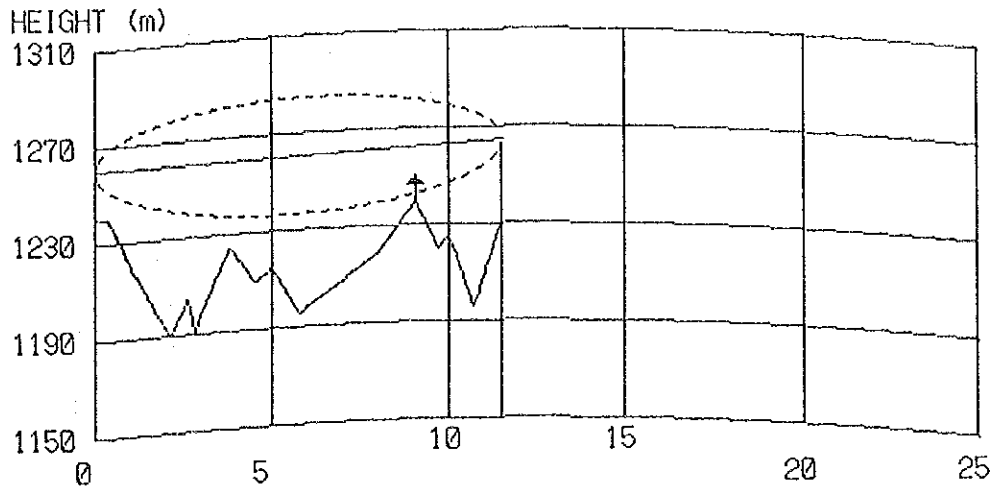
DISTANCE : 15.4 km

SITE NAME : Zvavahera
GROUND LEVEL : 1240.0 m
ANT.HEIGHT 1 : 15.0 m

SITE NAME : Jaravaza
GROUND LEVEL : 1125.0 m
ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



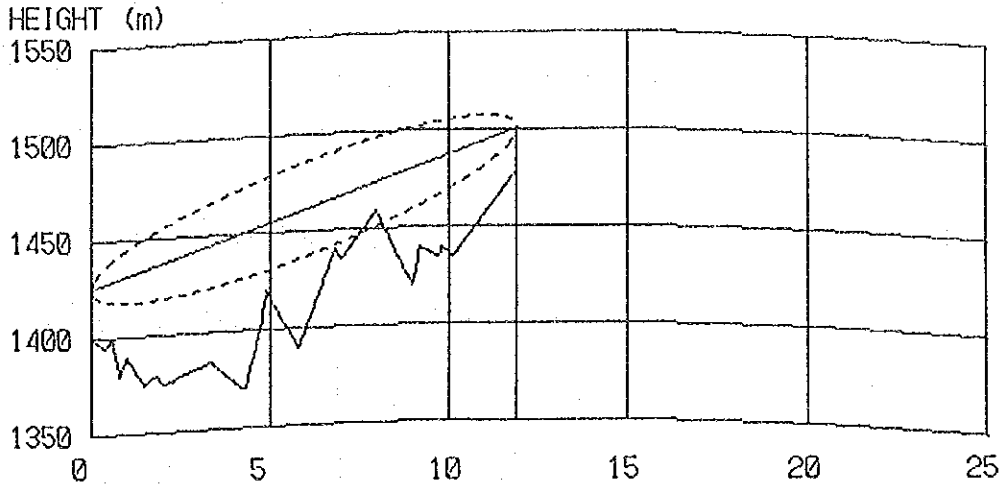
DISTANCE : 11.5 km
SITE NAME : Zvavahera SITE NAME : Mutundura
GROUND LEVEL : 1240.0 m GROUND LEVEL : 1234.0 m
ANT.HEIGHT 1 : 20.0 m ANT.HEIGHT 2 : 30.0 m

Path Profile Maps (Chatsworth Area)

- | | | | |
|----|-----------------|---|--------------|
| 1. | Chatsworth Rep. | - | Serima Miss. |
| 2. | Chatsworth Rep. | - | Govere Rep. |
| 3. | Chatsworth Rep. | - | Gurajena |
| 4. | Serima Miss. | - | Mubaiwa |
| 5. | Serima Miss. | - | Felixburg |
| 6. | Govere Rep. | - | Chaka |
| 7. | Govere Rep. | - | Holly Cross |
| 8. | Govere Rep. | - | Chilimanzi |
| 9. | Govere Rep. | - | Mshagashe |

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)

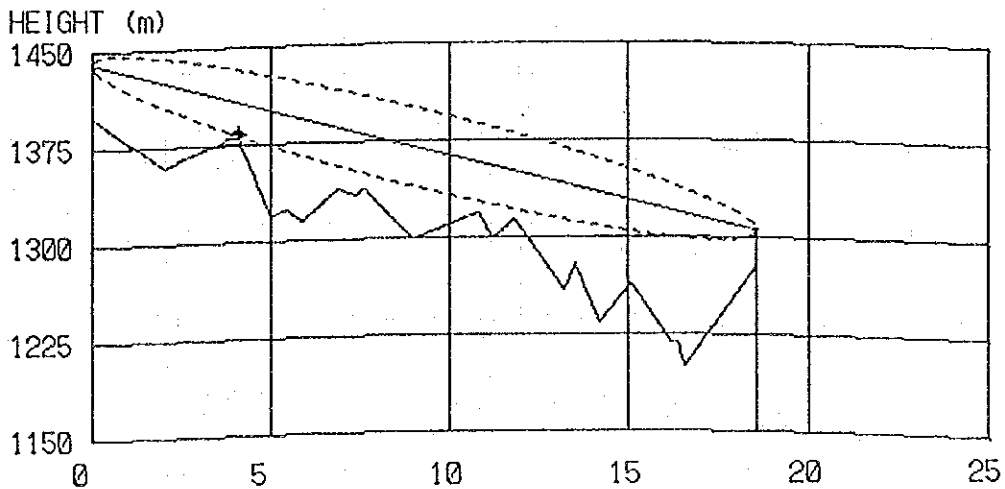


D I S T A N C E : 11.9 km

S I T E N A M E : Chats Rep.	S I T E N A M E : Serima Mission
G R O U N D L E V E L : 1400.0 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 : 25.0 m	A N T . H E I G H T 2 : 20.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)

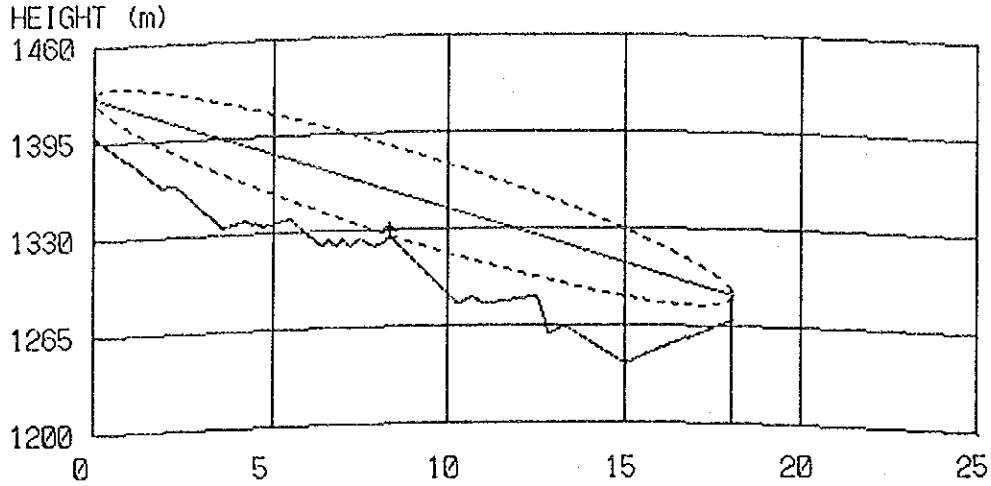


D I S T A N C E : 18.6 km

S I T E N A M E : Chats Rep.	S I T E N A M E : Govere Rep.
G R O U N D L E V E L : 1400.0 m	G R O U N D L E V E L : 1280.0 m
A N T . H E I G H T 1 : 40.0 m	A N T . H E I G H T 2 : 25.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 18.1 km

SITE NAME : Chats Rep.

SITE NAME : Gurajena

GROUND LEVEL : 1400.0 m

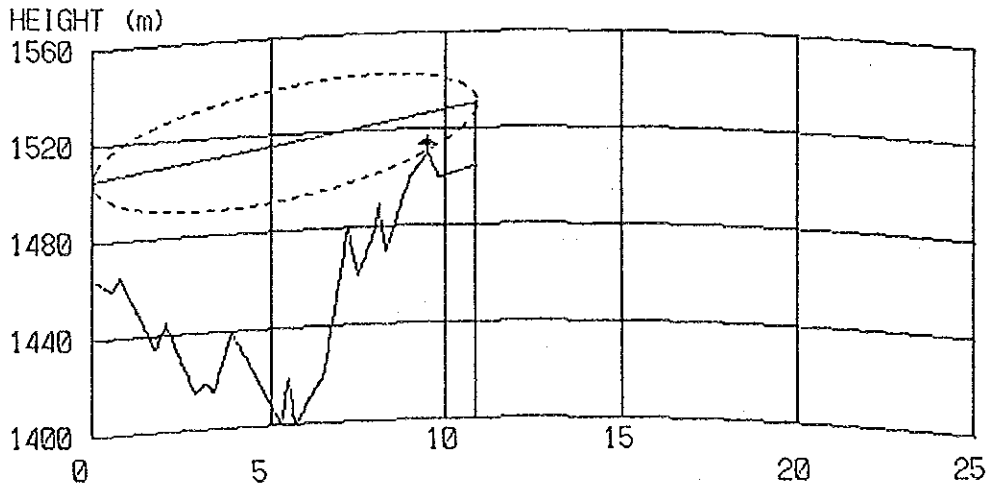
GROUND LEVEL : 1270.0 m

ANT.HEIGHT 1 : 25.0 m

ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 10.9 km

SITE NAME : Serima Mission

SITE NAME : Mubaiwa

GROUND LEVEL : 1465.0 m

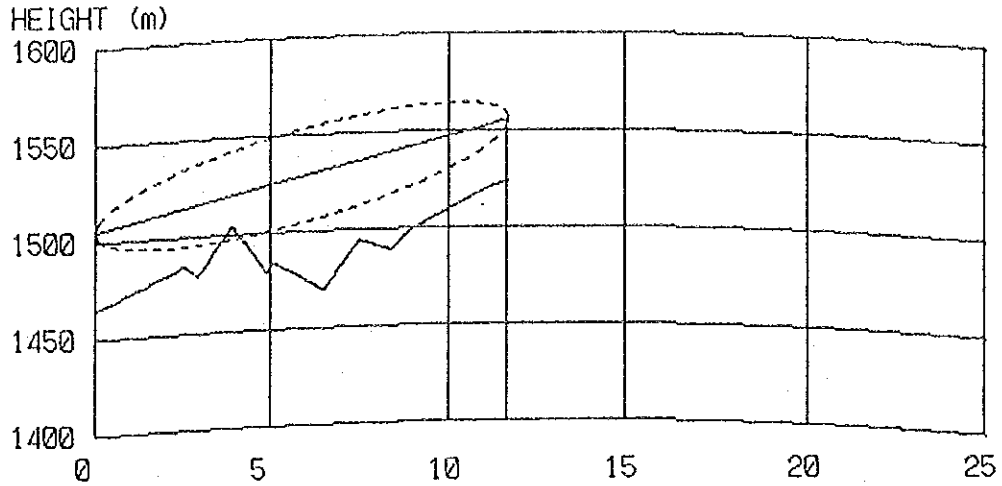
GROUND LEVEL : 1505.0 m

ANT.HEIGHT 1 : 40.0 m

ANT.HEIGHT 2 : 25.0 m

PROFILE

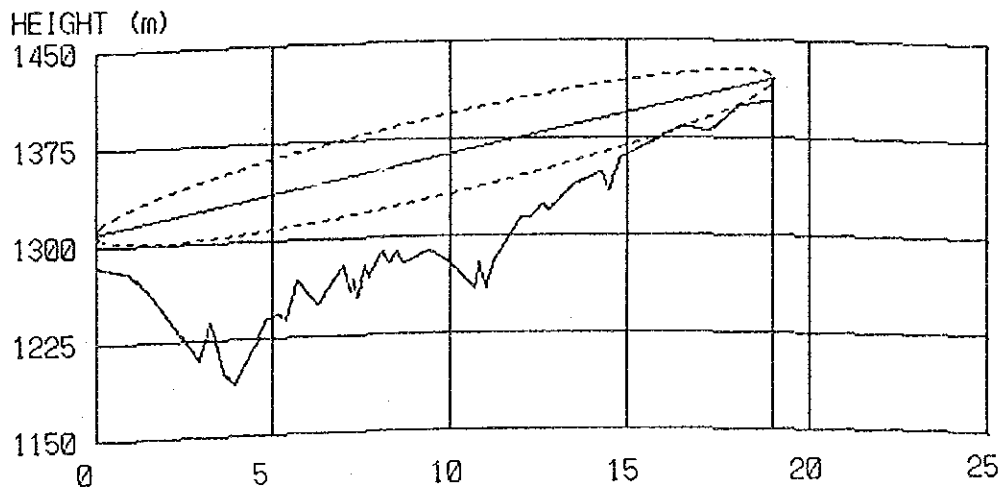
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 11.7 km
SITE NAME : Serima Mission SITE NAME : Felixburg
GROUND LEVEL : 1465.0 m GROUND LEVEL : 1525.0 m
ANT.HEIGHT 1 : 40.0 m ANT.HEIGHT 2 : 30.0 m

PROFILE

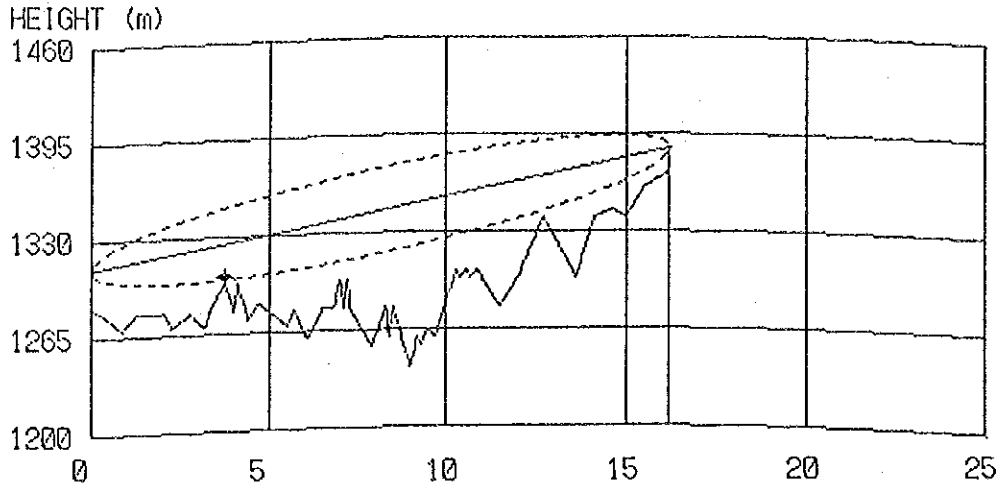
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 19 km
SITE NAME : Govere Rep. SITE NAME : Chaka
GROUND LEVEL : 1285.0 m GROUND LEVEL : 1405.0 m
ANT.HEIGHT 1 : 25.0 m ANT.HEIGHT 2 : 15.0 m

PROFILE

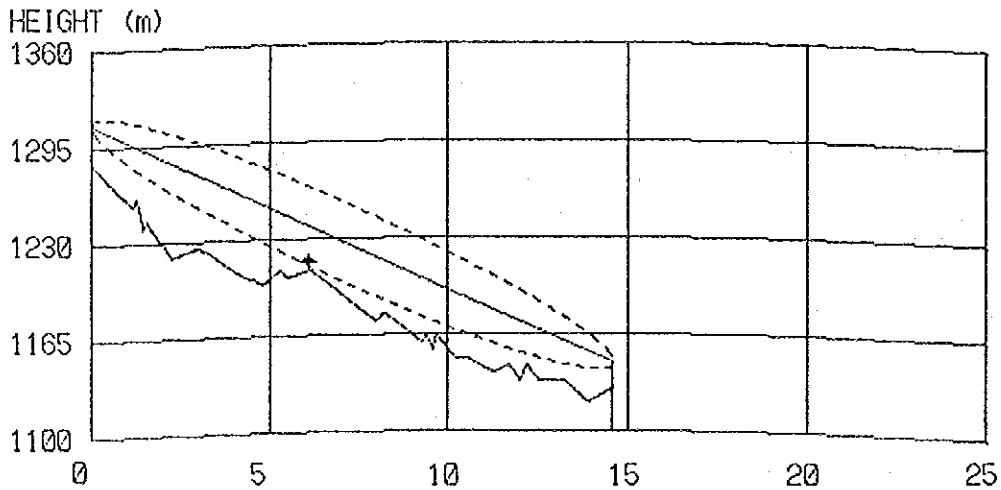
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 16.2 km
SITE NAME : Govere Rep. SITE NAME : Holly Cross
GROUND LEVEL : 1285.0 m GROUND LEVEL : 1370.0 m
ANT.HEIGHT 1 : 25.0 m ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)

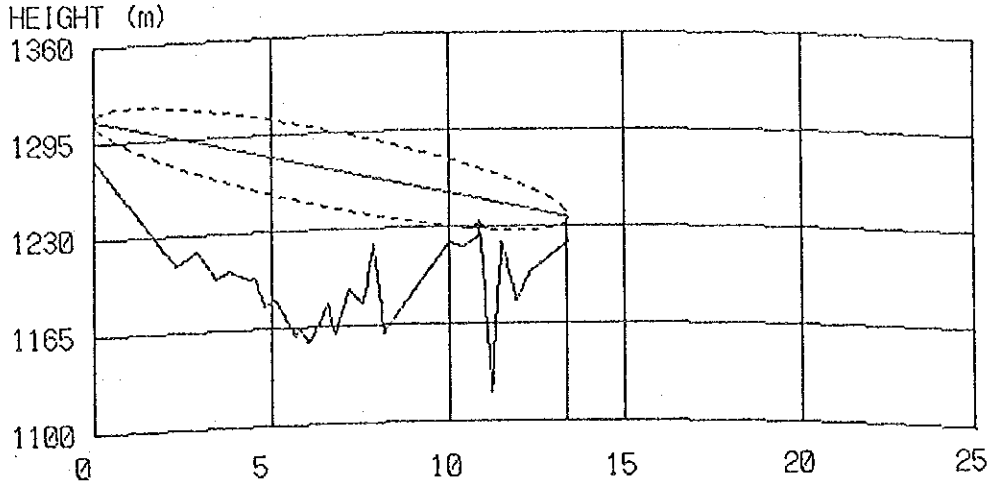


DISTANCE : 14.6 km
SITE NAME : Govere Rep. SITE NAME : Chilimanzi
GROUND LEVEL : 1285.0 m GROUND LEVEL : 1130.0 m
ANT.HEIGHT 1 : 25.0 m ANT.HEIGHT 2 : 15.0 m

PROFILE

(K : 1.33

FREQUENCY : 1500 MHz)



DISTANCE : 13.4 km

SITE NAME : Govere Rep.

GROUND LEVEL : 1285.0 m

ANT.HEIGHT 1 : 25.0 m

SITE NAME : Mshagashe

GROUND LEVEL : 1220.0 m

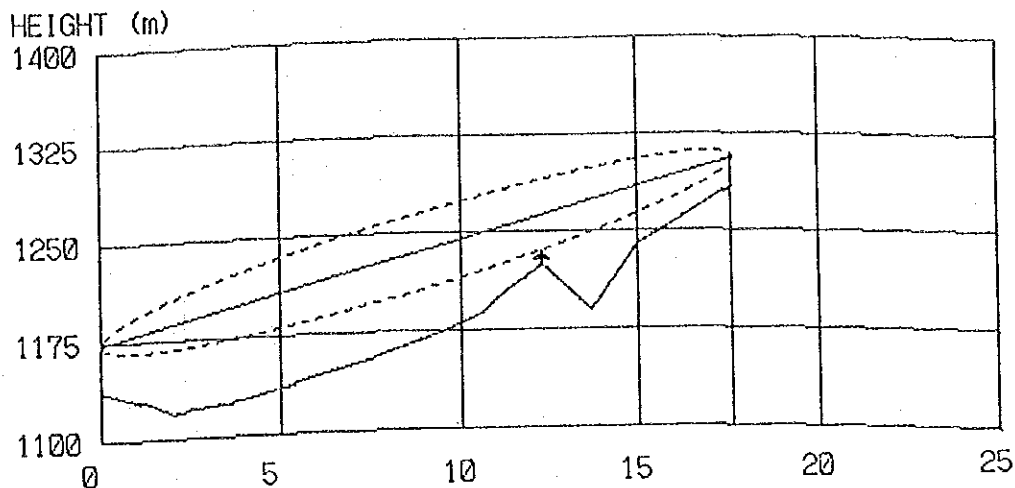
ANT.HEIGHT 2 : 15.0 m

Path Profile Maps (Nkayi Area)

1.	Nkayi	-	Silobela Rep.
2.	Nkayi	-	Nzuza B.C. Rep.
3.	Nkayi	-	Zenka Rep.
4.	Nkayi	-	Moyana Rep.
5.	Silobela Rep.	-	Silobela
6.	Silobela Rep.	-	Leopardess Mine
7.	Silobela Rep.	-	Dendera
8.	Silobela Rep.	-	Ngalaphi
9.	Nzuza B.C. Rep.	-	Mvugu Mill
10.	Nzuza B.C. Rep.	-	Ngolovana Rep.
11.	Nzuza B.C. Rep.	-	Zwelabo
12.	Ngolovana Rep.	-	Mpoko
13.	Ngolovana Rep.	-	Silendeni
14.	Silendeni	-	Dakamela
15.	Silendeni	-	Cheif Madhliwa
16.	Silendeni	-	DCs Camp
17.	Zenka Rep.	-	Forestry Quarters
18.	Moyana Rep.	-	Crossroad
19.	Moyana Rep.	-	Mavolentiya

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



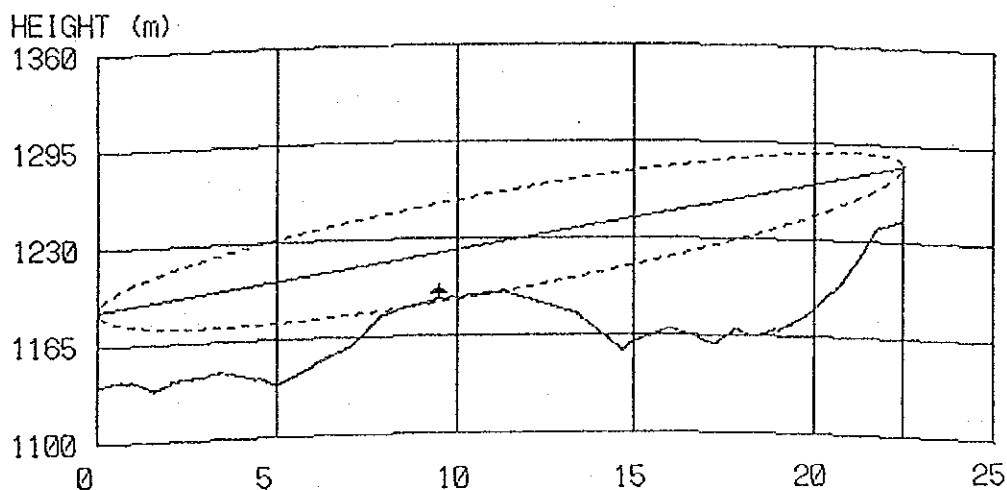
DISTANCE : 17.6 km

SITE NAME : Nkayi
 GROUND LEVEL : 1138.0 m
 ANT. HEIGHT 1 : 35.0 m

SITE NAME : Silobela Rep.
 GROUND LEVEL : 1285.0 m
 ANT. HEIGHT 2 : 20.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



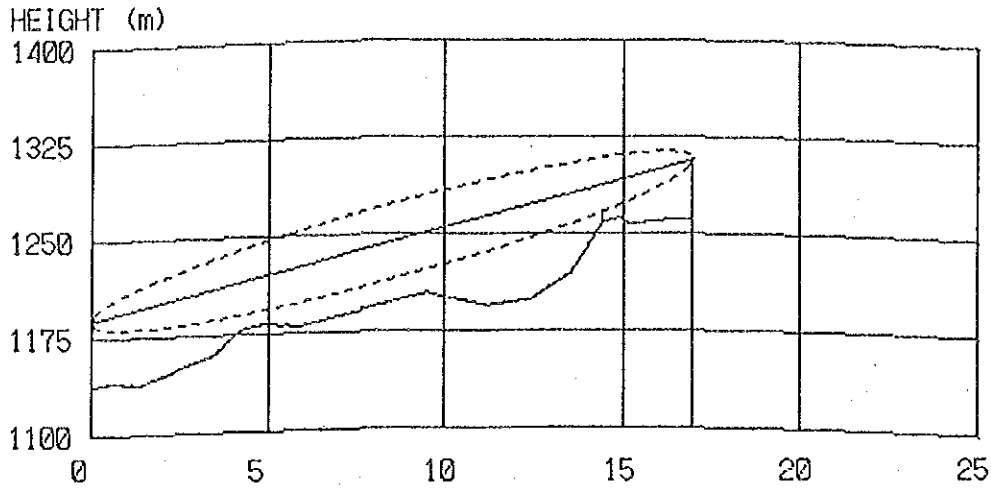
DISTANCE : 22.5 km

SITE NAME : Nkayi
 GROUND LEVEL : 1138.0 m
 ANT. HEIGHT 1 : 50.0 m

SITE NAME : Nzuzza B.C.
 GROUND LEVEL : 1245.0 m
 ANT. HEIGHT 2 : 35.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)

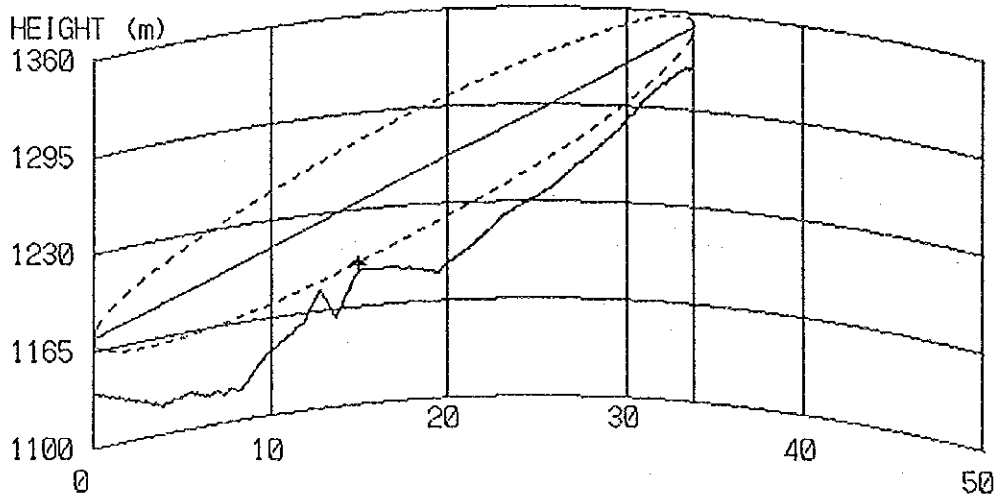


D I S T A N C E : 17 k m

S I T E N A M E : N k a y i	S I T E N A M E : Z e n k a R e p .
G R O U N D L E V E L : 1138.0 m	G R O U N D L E V E L : 1262.0 m
A N T . H E I G H T 1 : 50.0 m	A N T . H E I G H T 2 : 45.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1500 M H z)

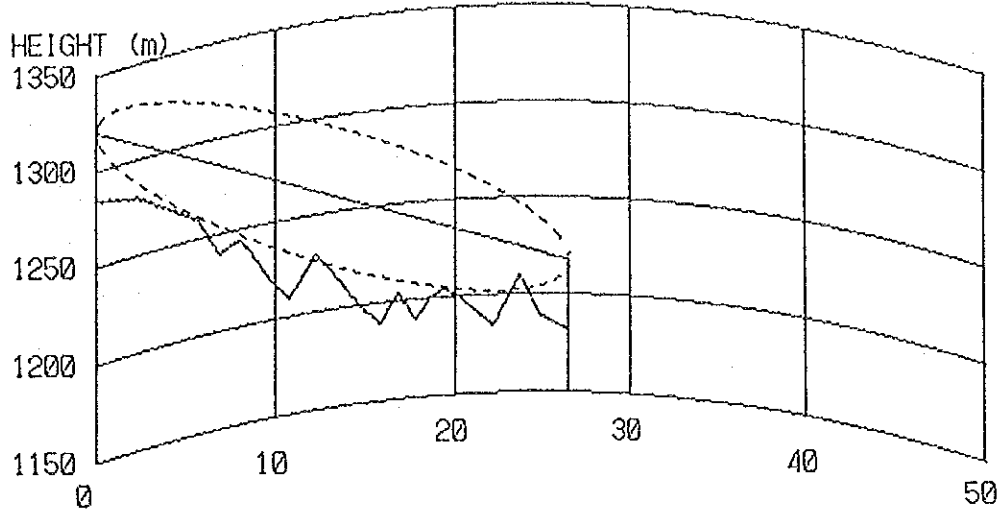


D I S T A N C E : 33.9 k m

S I T E N A M E : N k a y i	S I T E N A M E : M o y a n a R e p .
G R O U N D L E V E L : 1138.0 m	G R O U N D L E V E L : 1325.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 25.0 m

PROFILE

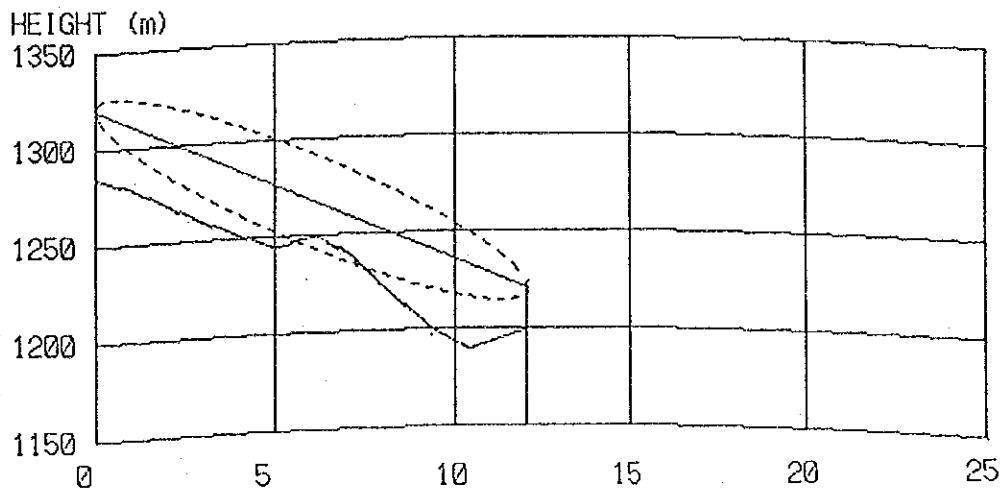
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 26.4 km
 SITE NAME : Silobela Rep. SITE NAME : Silobela
 GROUND LEVEL : 1285.0 m GROUND LEVEL : 1182.0 m
 ANT.HEIGHT 1 : 35.0 m ANT.HEIGHT 2 : 35.0 m

PROFILE

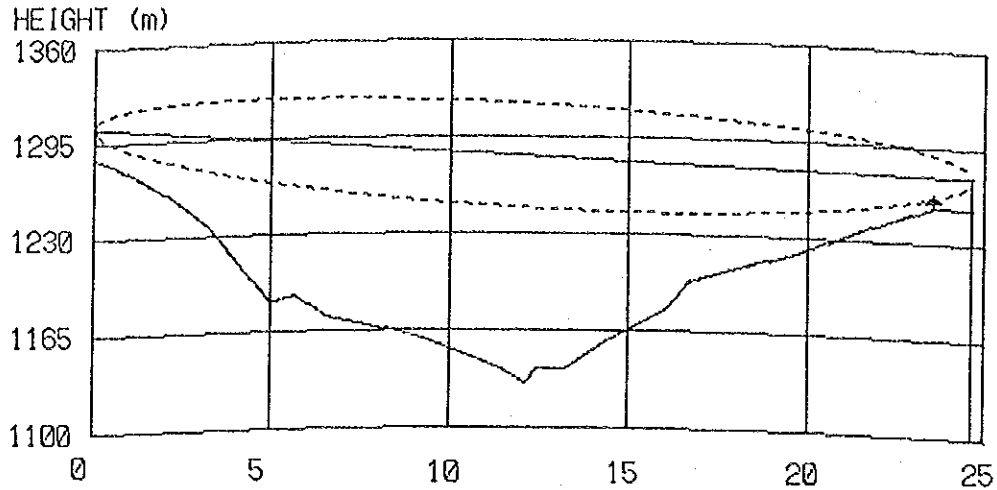
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 12 km
 SITE NAME : Silobela Rep. SITE NAME : Leopardess Mine
 GROUND LEVEL : 1285.0 m GROUND LEVEL : 1200.0 m
 ANT.HEIGHT 1 : 35.0 m ANT.HEIGHT 2 : 20.0 m

P R O F I L E

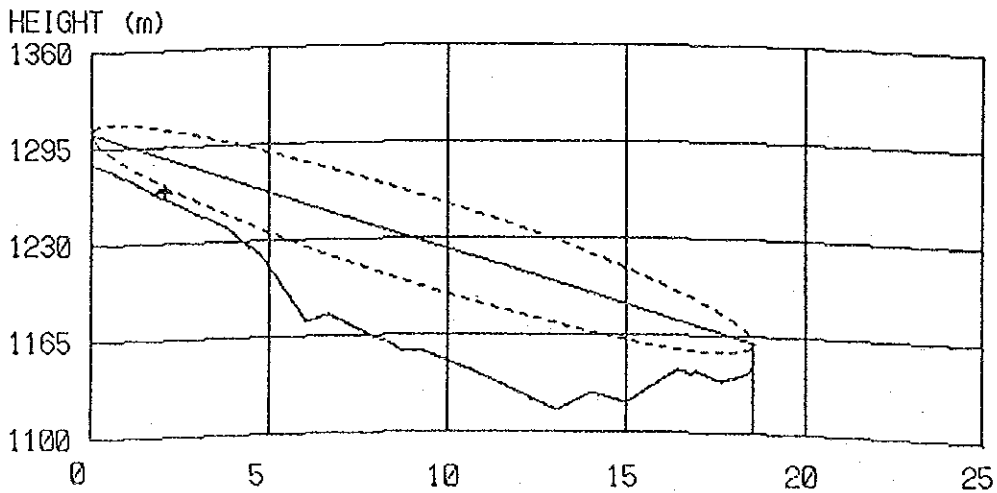
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 24.7 km	
S I T E N A M E : Silobela Rep.	S I T E N A M E : Dendera
G R O U N D L E V E L : 1285.0 m	G R O U N D L E V E L : 1255.0 m
A N T . H E I G H T 1 : 20.0 m	A N T . H E I G H T 2 : 20.0 m

P R O F I L E

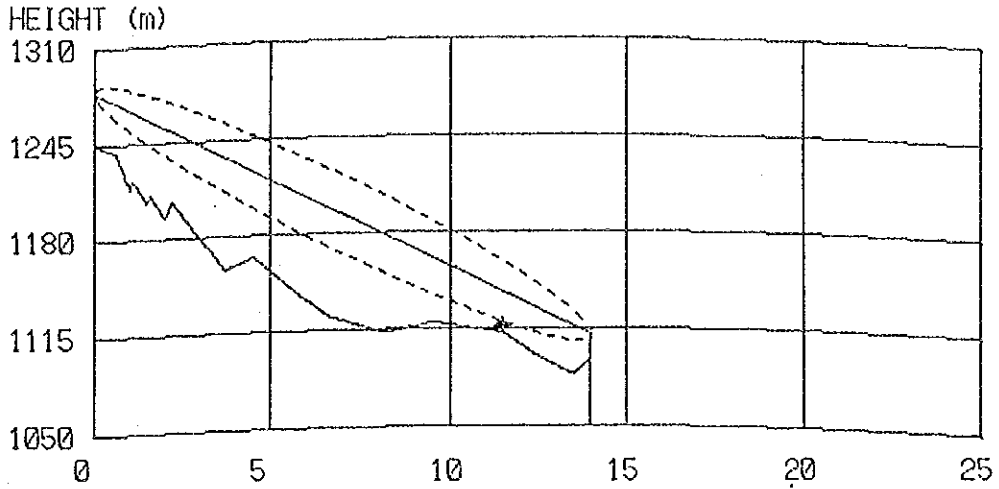
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 18.6 km	
S I T E N A M E : Silobela Rep.	S I T E N A M E : Ngalaphi
G R O U N D L E V E L : 1285.0 m	G R O U N D L E V E L : 1145.0 m
A N T . H E I G H T 1 : 20.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

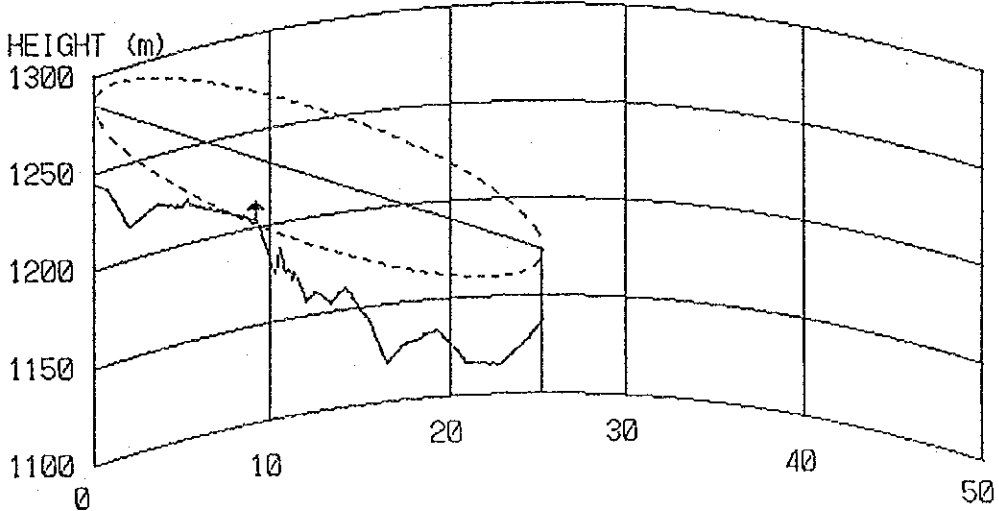
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 14 km	
S I T E N A M E : Nzuza B.C.	S I T E N A M E : Mvugu Mill
G R O U N D L E V E L : 1245.0 m	G R O U N D L E V E L : 1095.0 m
A N T . H E I G H T 1 : 35.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

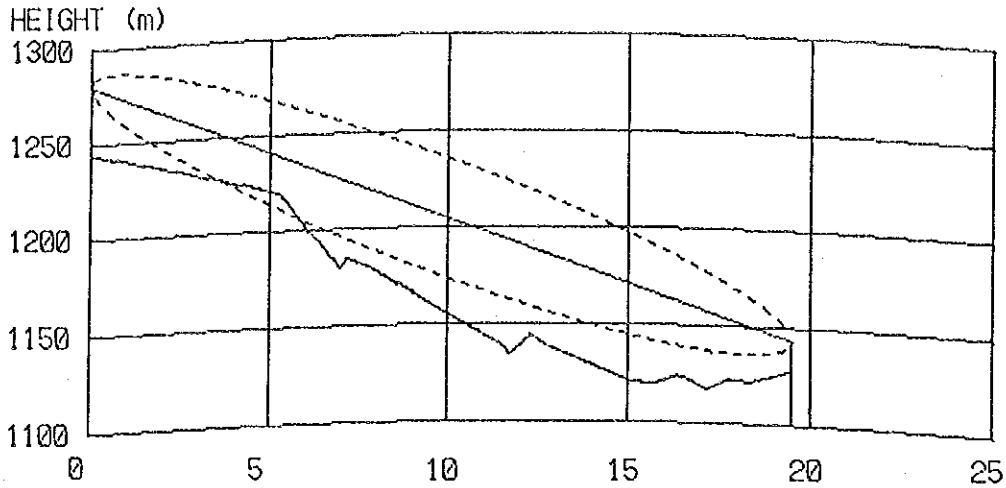
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 25.3 km	
S I T E N A M E : Nzuza B.C.	S I T E N A M E : Ngolovana Rep.
G R O U N D L E V E L : 1245.0 m	G R O U N D L E V E L : 1138.0 m
A N T . H E I G H T 1 : 40.0 m	A N T . H E I G H T 2 : 35.0 m

PROFILE

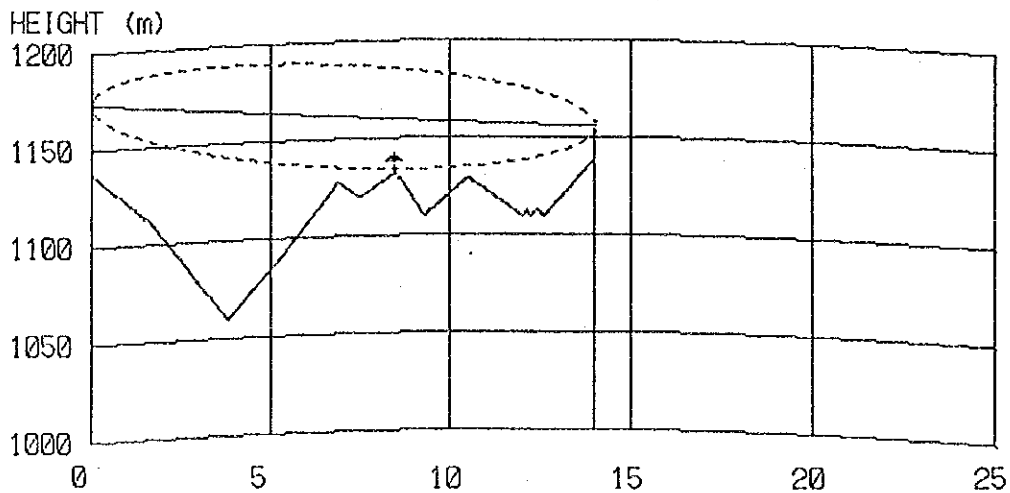
(K : 1.33 FREQUENCY : 1500 MHz)



SITE NAME : Nzuza B.C.	SITE NAME : Zwelabo
GROUND LEVEL : 1245.0 m	GROUND LEVEL : 1128.0 m
ANT.HEIGHT 1 : 35.0 m	ANT.HEIGHT 2 : 15.0 m

PROFILE

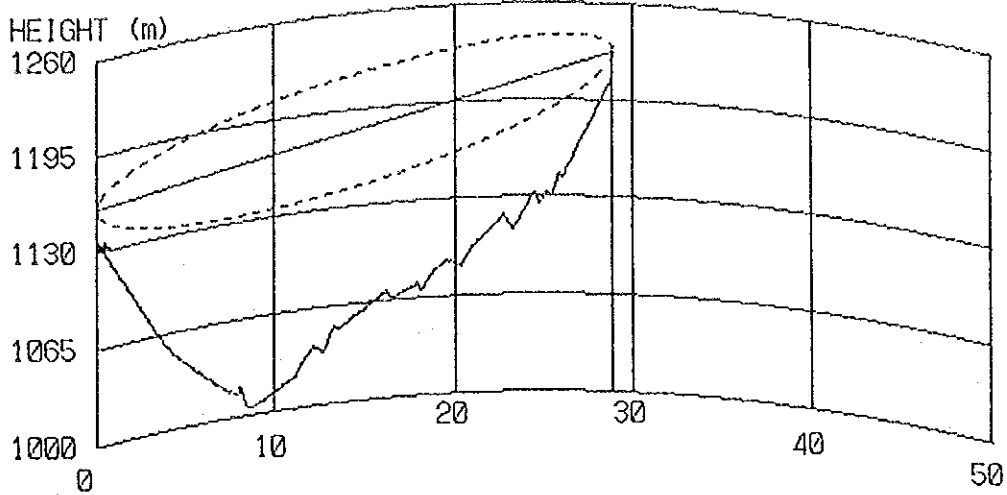
(K : 1.33 FREQUENCY : 1500 MHz)



SITE NAME : Ngolovana Rep.	SITE NAME : Mpoko
GROUND LEVEL : 1138.0 m	GROUND LEVEL : 1140.0 m
ANT.HEIGHT 1 : 35.0 m	ANT.HEIGHT 2 : 15.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1 5 0 0 M H z)

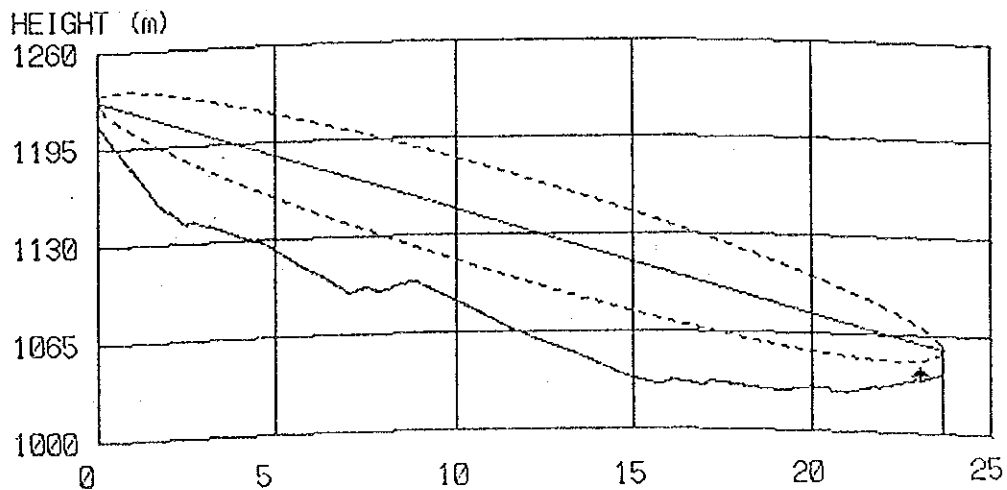


D I S T A N C E : 2 8 . 9 k m

S I T E N A M E : Ngolovana Rep.	S I T E N A M E : Silenderi
G R O U N D L E V E L : 1138.0 m	G R O U N D L E V E L : 1212.0 m
A N T . H E I G H T 1 : 20.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

(K : 1.33 F R E Q U E N C Y : 1 5 0 0 M H z)

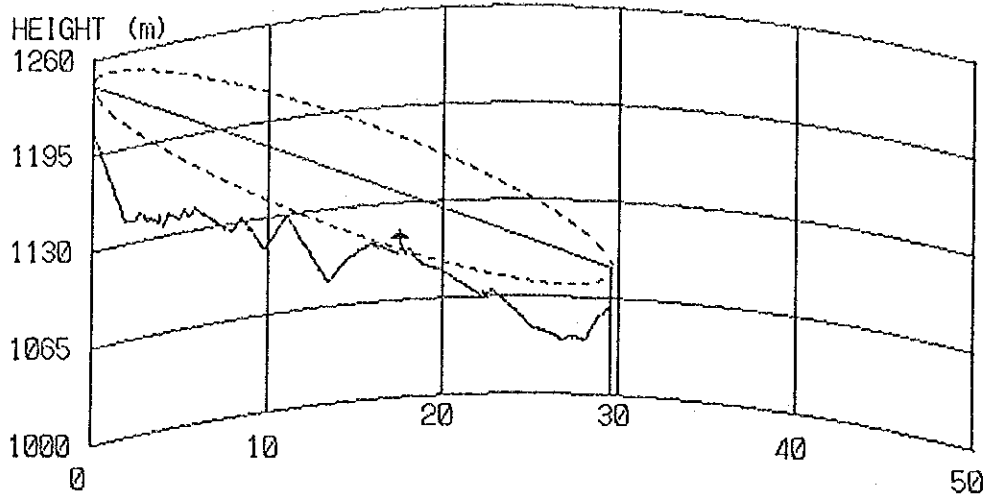


D I S T A N C E : 2 3 . 7 k m

S I T E N A M E : Silenderi	S I T E N A M E : Dakamela
G R O U N D L E V E L : 1212.0 m	G R O U N D L E V E L : 1040.0 m
A N T . H E I G H T 1 : 15.0 m	A N T . H E I G H T 2 : 15.0 m

P R O F I L E

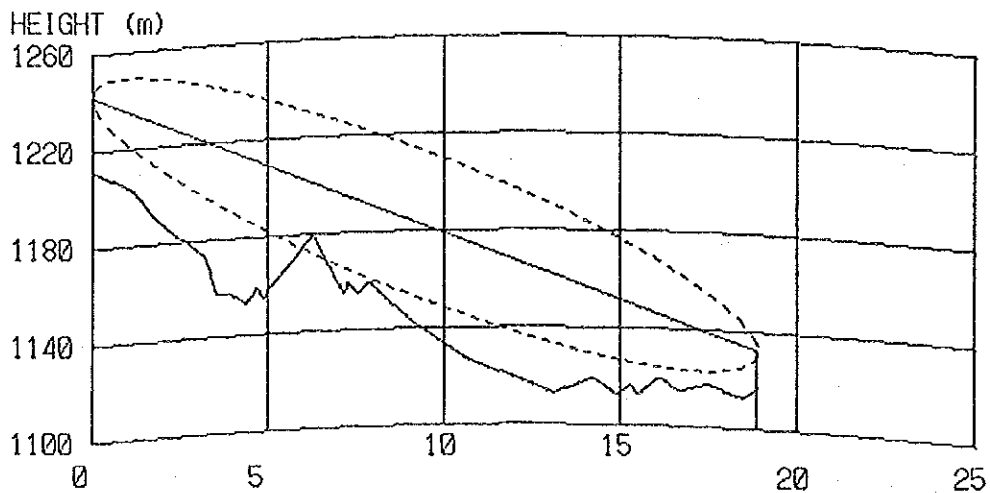
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 29.6 km	
S I T E N A M E : Silenderi	S I T E N A M E : Cheif Madhliwa
G R O U N D L E V E L : 1212.0 m	G R O U N D L E V E L : 1060.0 m
A N T . H E I G H T 1 : 30.0 m	A N T . H E I G H T 2 : 25.0 m

P R O F I L E

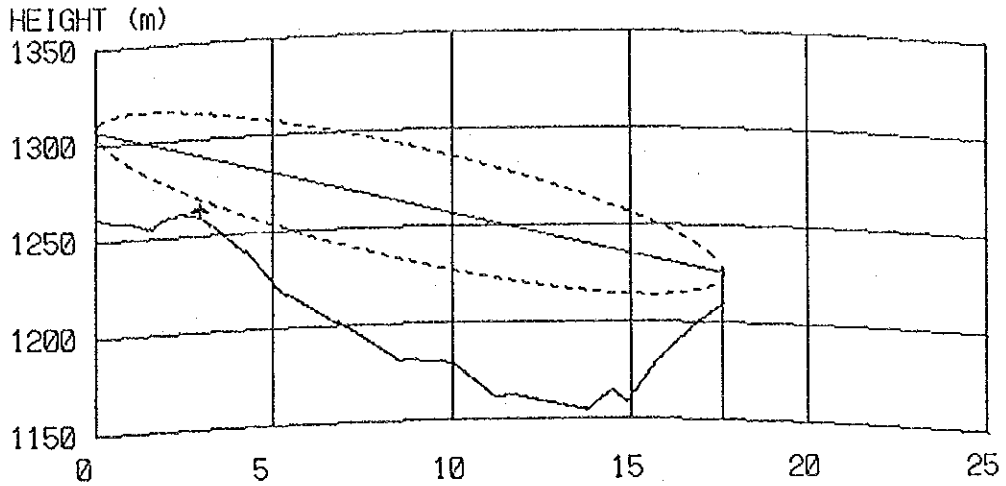
(K : 1.33 F R E Q U E N C Y : 1500 M H z)



D I S T A N C E : 18.9 km	
S I T E N A M E : Silenderi	S I T E N A M E : DCs Camp
G R O U N D L E V E L : 1212.0 m	G R O U N D L E V E L : 1117.0 m
A N T . H E I G H T 1 : 30.0 m	A N T . H E I G H T 2 : 15.0 m

PROFILE

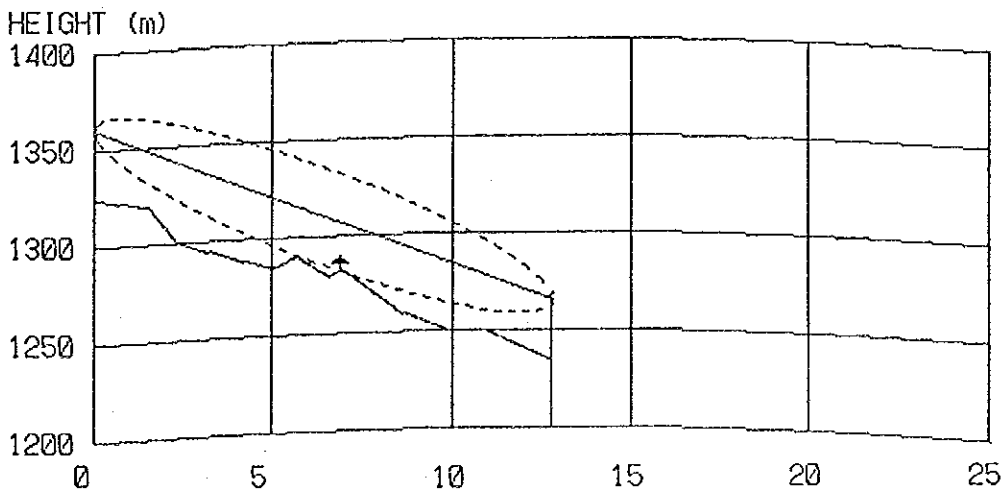
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 17.6 km
SITE NAME : Zenka Rep. SITE NAME : Forestry Quaters
GROUND LEVEL : 1262.0 m GROUND LEVEL : 1210.0 m
ANT.HEIGHT 1 : 45.0 m ANT.HEIGHT 2 : 15.0 m

PROFILE

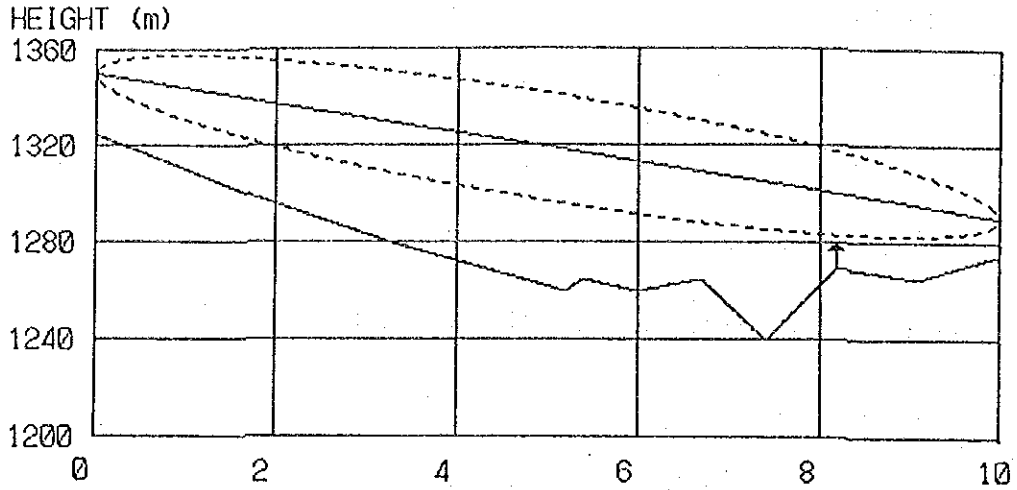
(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 12.8 km
SITE NAME : Moyana Rep. SITE NAME : Crossroad
GROUND LEVEL : 1325.0 m GROUND LEVEL : 1235.0 m
ANT.HEIGHT 1 : 35.0 m ANT.HEIGHT 2 : 30.0 m

PROFILE

(K : 1.33 FREQUENCY : 1500 MHz)



DISTANCE : 10 km

SITE NAME : Moyana Rep.	SITE NAME : Mavolontiya
GROUND LEVEL : 1325.0 m	GROUND LEVEL : 1275.0 m
ANT.HEIGHT 1 : 25.0 m	ANT.HEIGHT 2 : 15.0 m

JICA