付 属 資 料 A

―サイト・コーディネイツとパス・プロファイル・マップ―

Elevation and Coordinates of Station Site (01 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	KATHMANDU	1305	85°18′57"E	27°41′45"N
2	KAKANI	2066	85°16′11"E	27°48′45"N
3	SAHUGAON	1250	85°09′35"E	27°58′35"N
4	BIDUR	579	85°08′40"E	27°54′49"N
5	DANGA	2134	85°12′49"E	28°05′29"N
6	DHUNCHE	2073	85°17′51"E	28°06′43"N
7	ZINC MINING TOWN	4572	85°11′24"E	28°14′01"N
8	THAMUBHANJYANG	2033	85°06′13"E	27°42′22"N
9	DHADING	1494	84°55′20"E	27°52′04"N
10	NAGARKOT	2164	85°31′21"E	27°41′33"N
11	HELAMBU	1737	85°32′14"E	27°55′34"N
12	MAIHAR	1280	85°38′21"E	27°41′37"N
13	CHAUTARA	1402	85°43′00"E	27°46′24"N
14	PANCHKHAL	884	85°37′43"E	27°39′34"N

Path Profile Maps (01 Area)

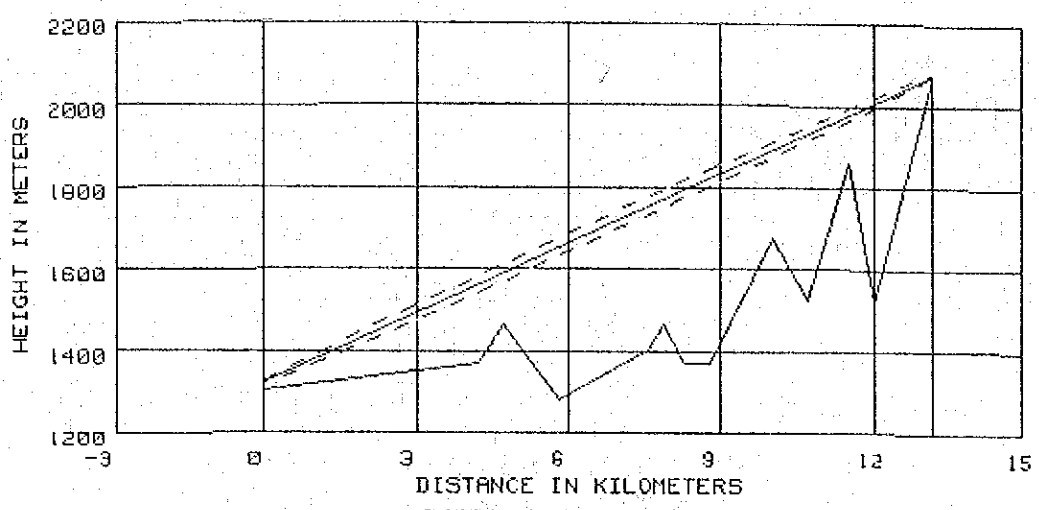
1	Kathmandu	-	Kakani
2	Kakani	-	Sahugaon
3	Sahugaon	-	Bidur
4	Sahugaon	-	Danga
5	Danga	-	Dhunche
6	Danga	-	Zinc Mining Town
7	Kakani	-	Thamubhanjyang
8	Thamubhanjyang	-	Dhading
9	Kathmandu	-	Nagarkot (Covered by another project)
10	Nagarkot	-	Helambu
11	Nagarkot	-	Maihar
12	Maihar	-	Chautara
13	Maihar	-	Panchkhal

(01-1)

KATKAK

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 13.2 km

SITE 1 : KATHMANDU
GROUND ELEVATION:1304.5 m
ANTENNA HEIGHT: 20.0 m

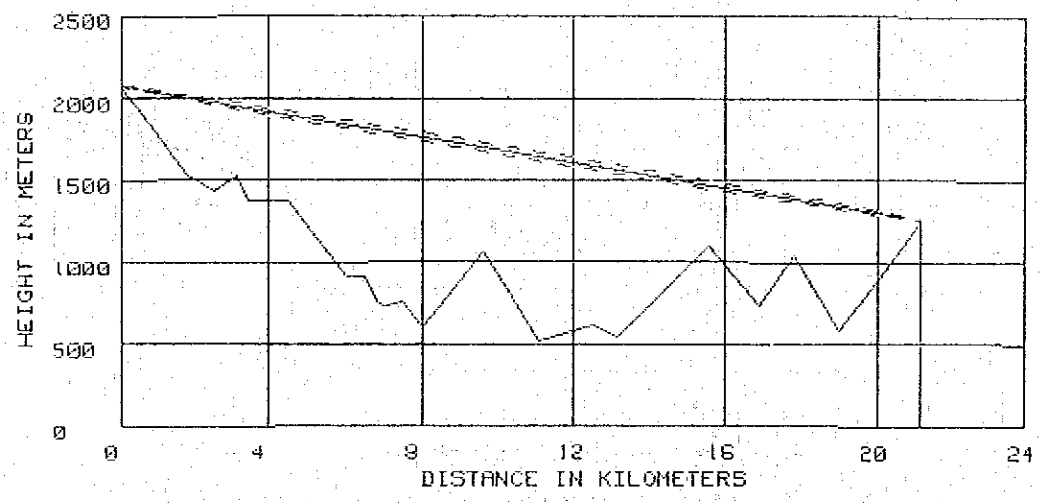
SITE 2 : KAKANI
GROUND ELEVATION:2065.9 m
ANTENNA HEIGHT: 10.0 m

(01-2)

KAKSAH

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 21.2 km

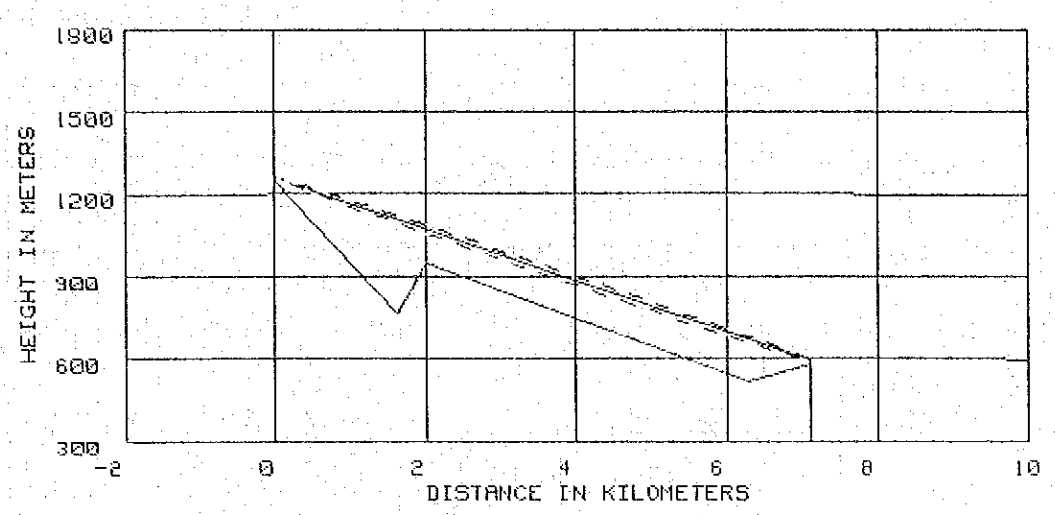
SITE 1 : KAKANI
GROUND ELEVATION:2065.9 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : SAHUGAON
GROUND ELEVATION:1249.7 m
ANTENNA HEIGHT: 10.0 m

SAHBID (01-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 7.1 km

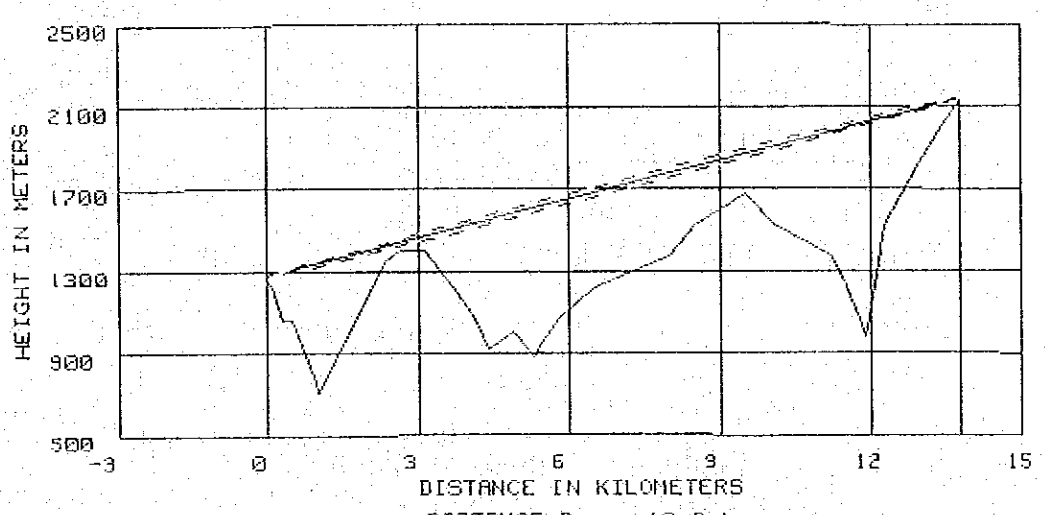
SITE 1 : SAHUGAON
GROUND ELEVATION:1249.7 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BIDUR
GROUND ELEVATION: 579.1 m
ANTENNA HEIGHT: 15.0 m

SAHDAN (01-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 13.8 km

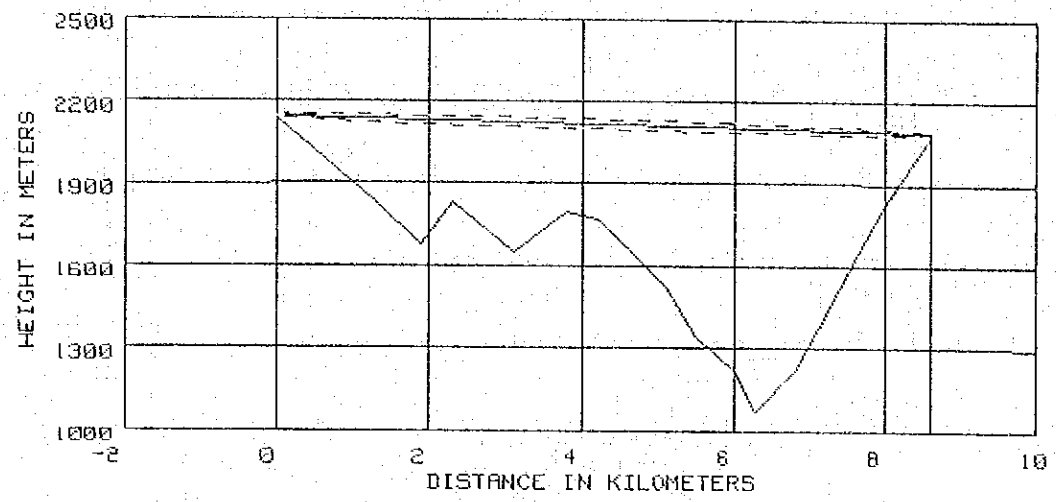
SITE 1 : SAHUGAON
GROUND ELEVATION:1249.7 m
ANTENNA HEIGHT: 25.0 m

SITE 2 : DANGA
GROUND ELEVATION:2133.6 m
ANTENNA HEIGHT: 10.0 m

DANDHU (01-5)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 9.6 km

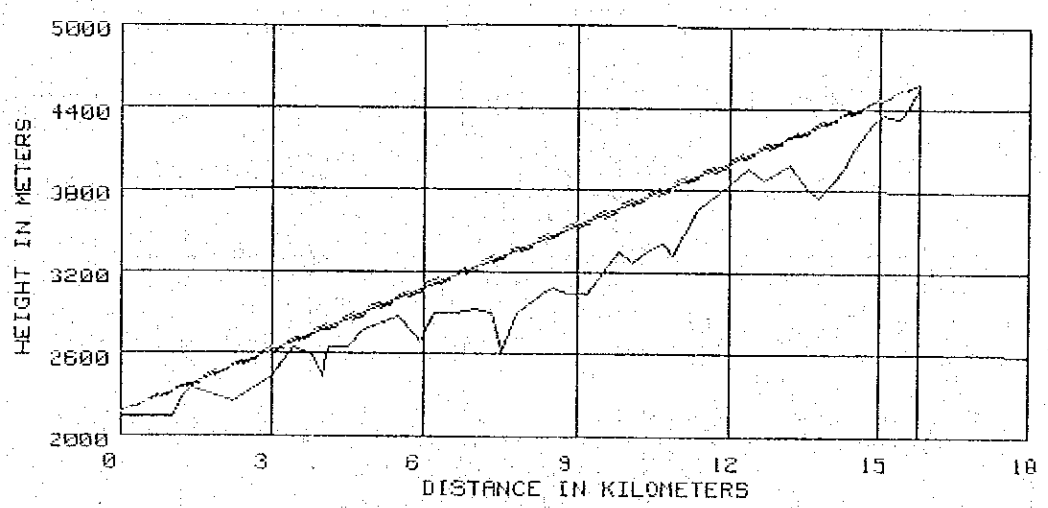
SITE 1 : DANGA
GROUND ELEVATION:2133.6 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : DHUNCHE
GROUND ELEVATION:2072.6 m
ANTENNA HEIGHT: 15.0 m

DANZIN (01-6)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 15.8 km

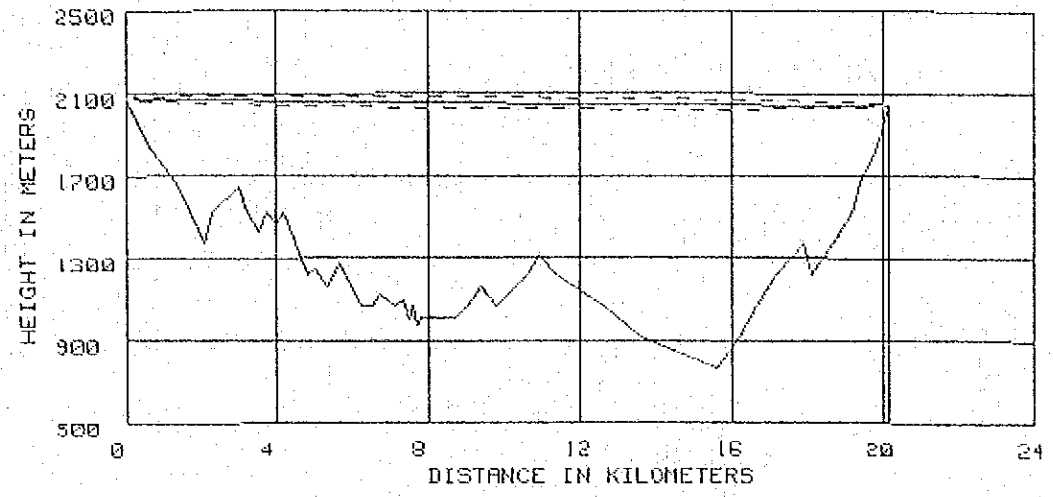
SITE 1 : DANGA
GROUND ELEVATION:2133.6 m
ANTENNA HEIGHT: 35.0 m

SITE 2 : ZINC MINING TOWN
GROUND ELEVATION:4572.0 m
ANTENNA HEIGHT: 15.0 m

KAKTHA (01-7)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 20.2 km

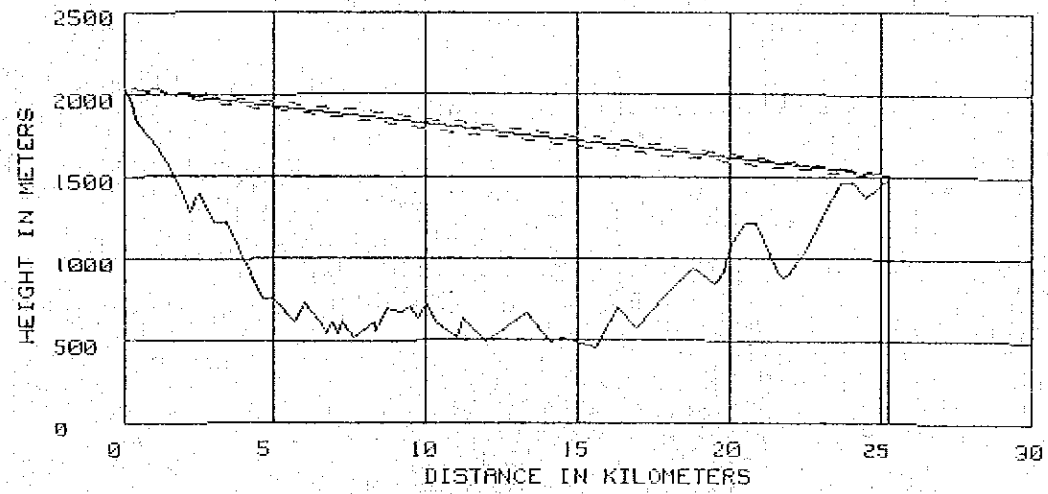
SITE 1 : KAKANI
GROUND ELEVATION:2065.9 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : THAMUBHANJYANG
GROUND ELEVATION:2033.0 m
ANTENNA HEIGHT: 10.0 m

THADHA (01-8)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 25.3 km

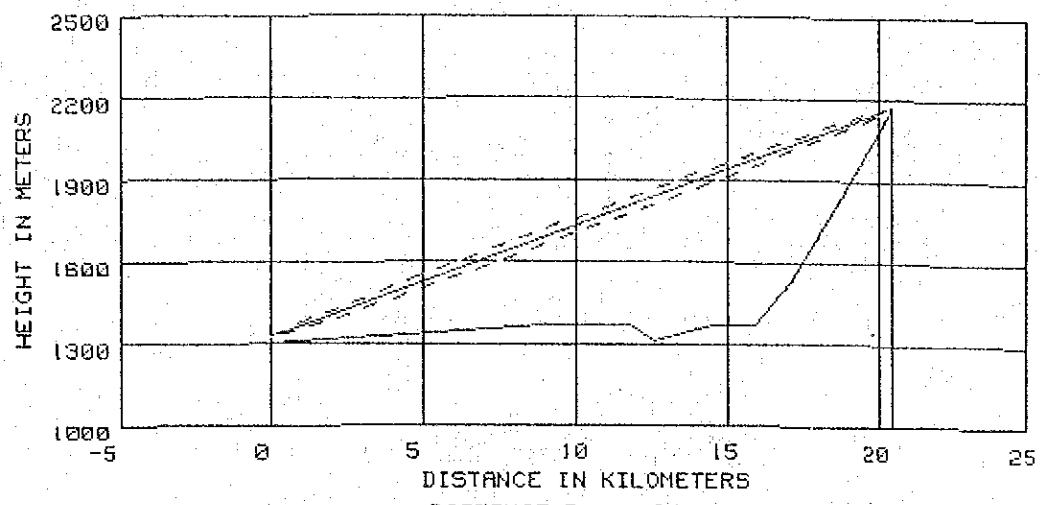
SITE 1 : THAMUBHANJYANG
GROUND ELEVATION:2033.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : DHADING
GROUND ELEVATION:1493.5 m
ANTENNA HEIGHT: 15.0 m

KATNAG (01-9)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 20.5 km

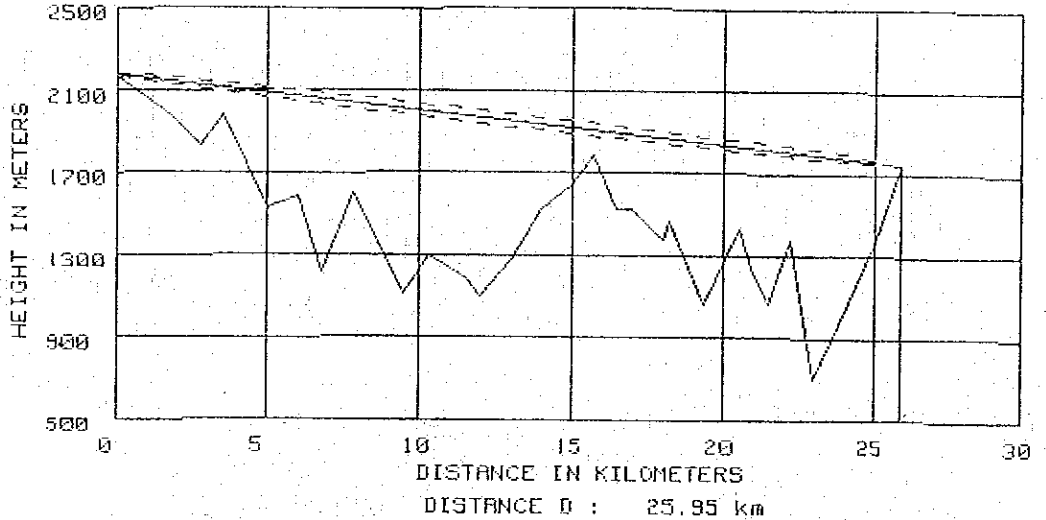
SITE 1 : KATHMANDU
GROUND ELEVATION:1304.5 m
ANTENNA HEIGHT: 20.0 m
(Covered by another project)

SITE 2 : NAGARKOT
GROUND ELEVATION:2164.1 m
ANTENNA HEIGHT: 10.0 m

NAGHEL (01-10)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 25.95 km

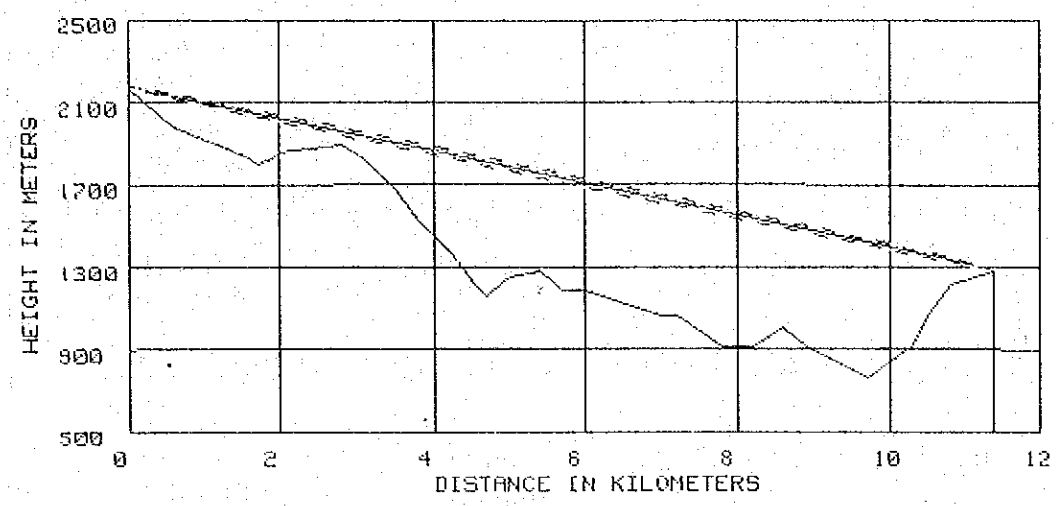
SITE 1 : NAGARKOT
GROUND ELEVATION:2164.1 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : HELAMBU
GROUND ELEVATION:1737.0 m
ANTENNA HEIGHT: 15.0 m

NAGMAI (01-11)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 11.4 km

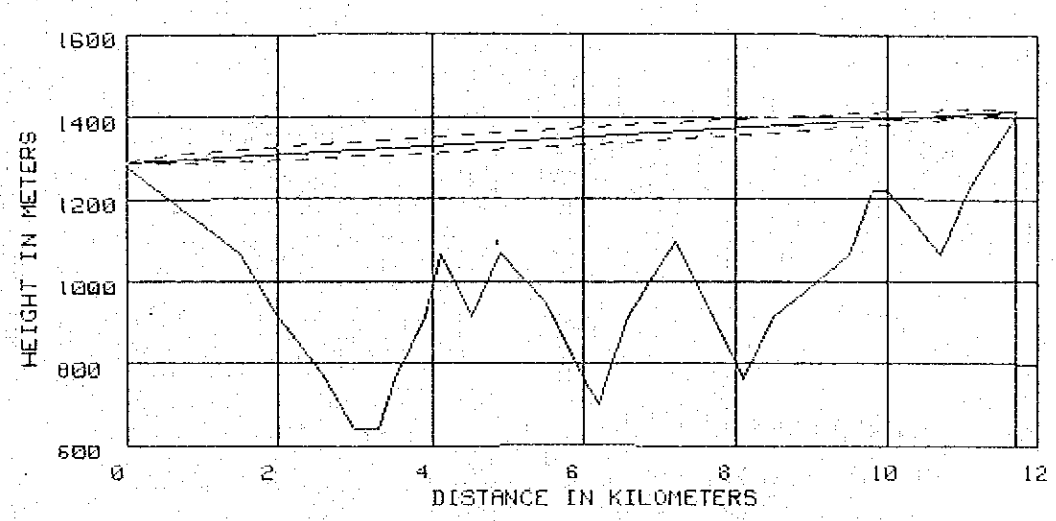
SITE 1 : NAGARKOT
GROUND ELEVATION:2164.1 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : MAIHAR
GROUND ELEVATION:1280.2 m
ANTENNA HEIGHT: 10.0 m

MAICHA (01-12)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 11.7 km

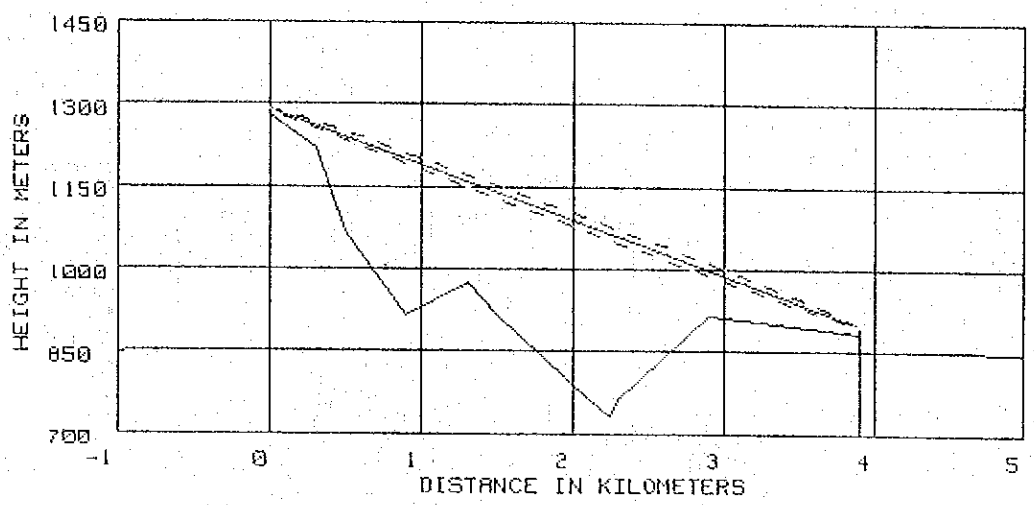
SITE 1 : MAIHAR
GROUND ELEVATION:1280.2 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : CHAUTARA
GROUND ELEVATION:1402.1 m
ANTENNA HEIGHT: 15.0 m

MAIPAN (01-13)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 3.3 km

SITE 1 : MAIHAR	SITE 2 : PANCHKHAL
GROUND ELEVATION: 1280.2 m	GROUND ELEVATION: 883.9 m
ANTENNA HEIGHT: 10.0 m	ANTENNA HEIGHT: 15.0 m

Elevation and Coordinates of Station Site (02 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	BIRATNAGAR	70	87°17′19"E	26°27′45"N
2	MUREBAS	1966	87°30′07"E	26°52′20"N
3	TERHATHUM	1646	87°32′20"E	27°07′28"N
4	GHAMPETOLE	1768	87°17′05"E	26°59′42"N
5	BHOJPUR	1585	87°03′12"E	27°10′15"N
6	RAMCHE	1829	87°16′00"E	27°03′42"N
7	CHAINPUR	1280	87°18′57"E	27°17′26"N
8	KHANDBARI	1067	87°12′36"E	27°22′16"N
9	BHADRAPUR	118	88°05′25"E	26°32′19"N
10	JHAPA	76	87°51′45"E	26°28′45"N
11	RITABARE	1737	88°01′58"E	26°53′04"N
12	ILAM	1402	87°55′33"E	26°55′20"N
13	CHHINTAPU	3292	87°54′45"E	27°05′38"N
14	PHIDIM	1372	87°45′45"E	27°08′01"N
15	TAPLEJUNG	1859	87°40′18"E	27°21′10"N

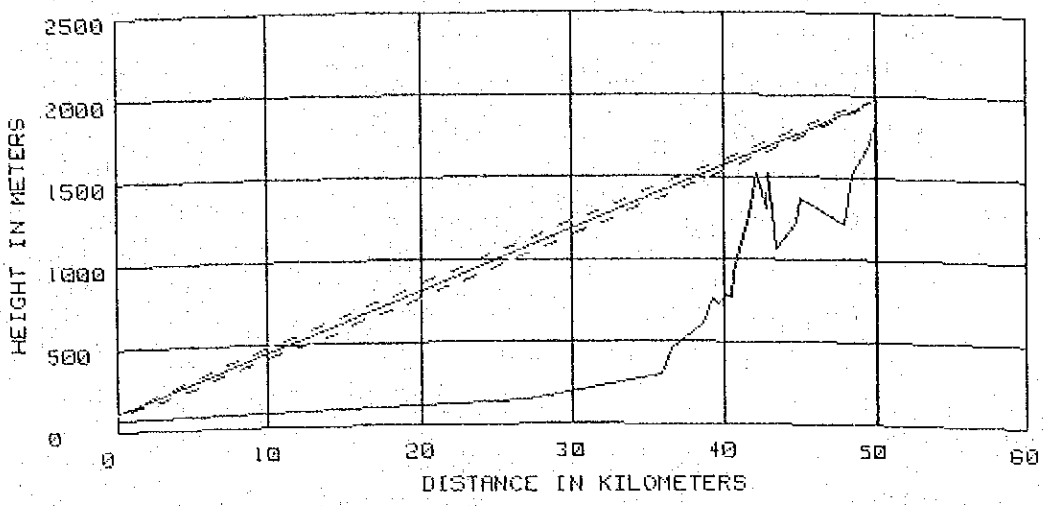
Path Profile Maps (02 Area)

1	Biratnagar	-	Murebas
2	Murebas	-	Terhathum
3	Murebas	-	Ghampetole
4	Ghampetole	-	Bhojpur
5	Ghampetole	-	Ramche
6	Ramche	-	Chainpur
7	Chainpur	-	Khandbari
8	Bhadrapur	-	Jhapa
9	Bhadrapur	-	Aitabare
10	Aitabare	-	Ilam
11	Ilam	-	Chhintapu
12	Chhintapu	-	Phidim
13	Phidim	-	Taplejung

BIRMUR (02-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 50.2 km

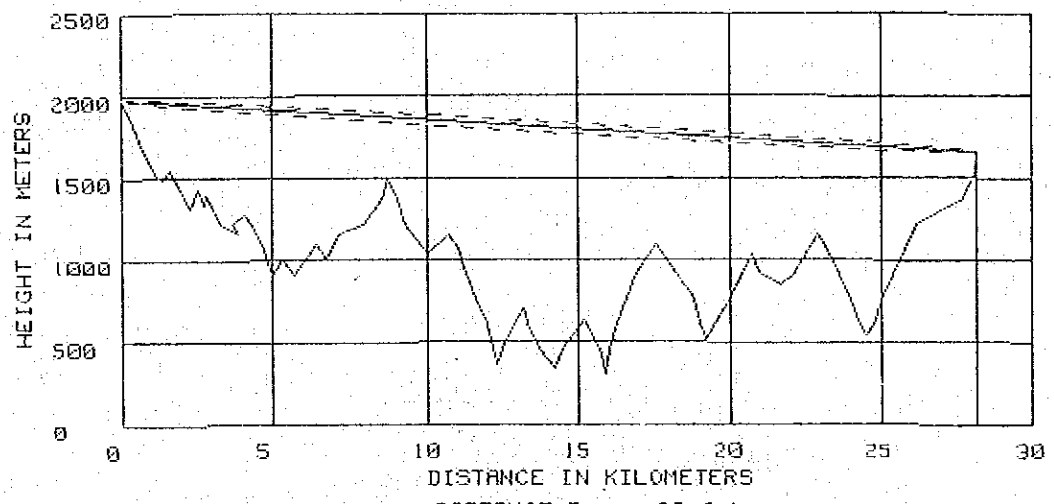
SITE 1 : BIRATNAGAR
GROUND ELEVATION: 70.1 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : MUREBUS
GROUND ELEVATION: 1966.0 m
ANTENNA HEIGHT: 10.0 m

MURTER (02-2)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 28.2 km

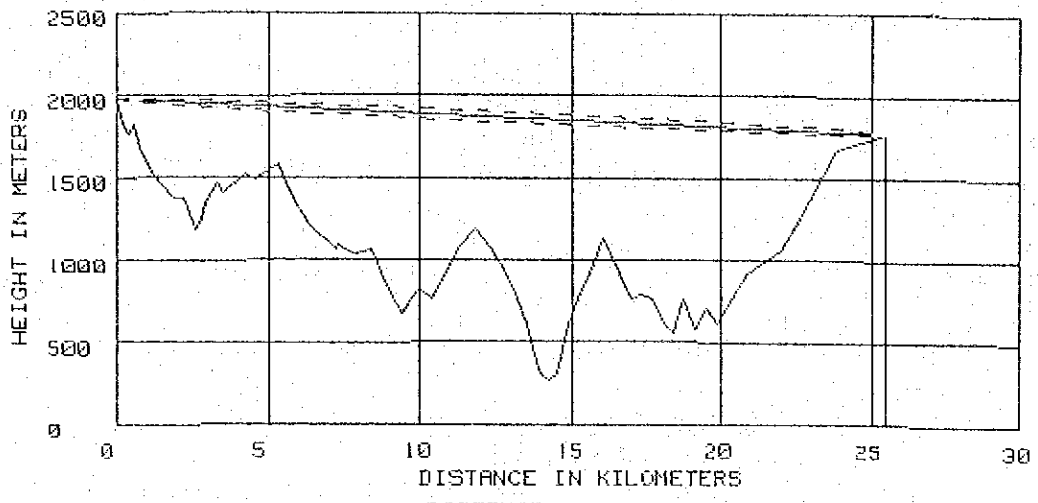
SITE 1 : MUREBAS
GROUND ELEVATION: 1966.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : TERHATHUM
GROUND ELEVATION: 1645.9 m
ANTENNA HEIGHT: 15.0 m

MURGHA (02-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 25.5 km

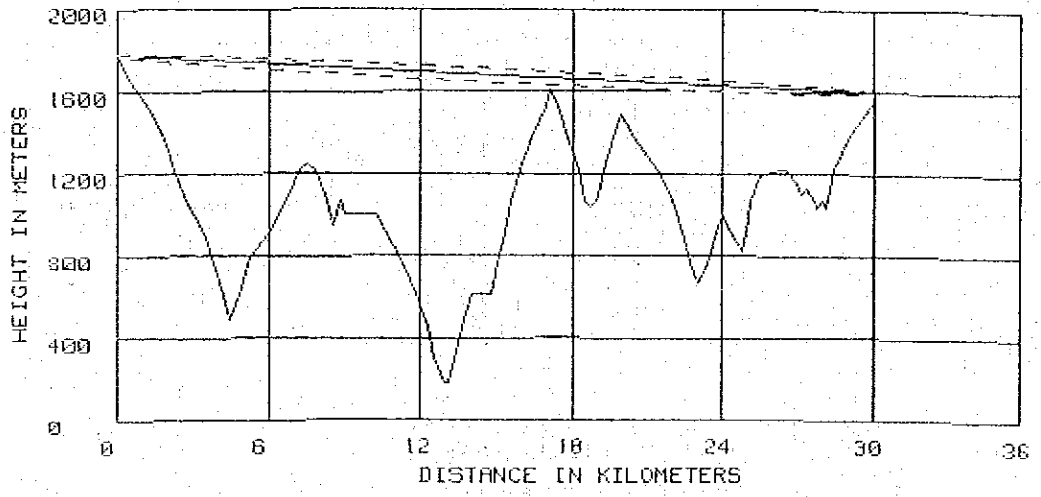
SITE 1 : MUREBAS
GROUND ELEVATION: 1966.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : GHAMPETOLE
GROUND ELEVATION: 1767.8 m
ANTENNA HEIGHT: 10.0 m

GHABHO (02-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 30.1 km

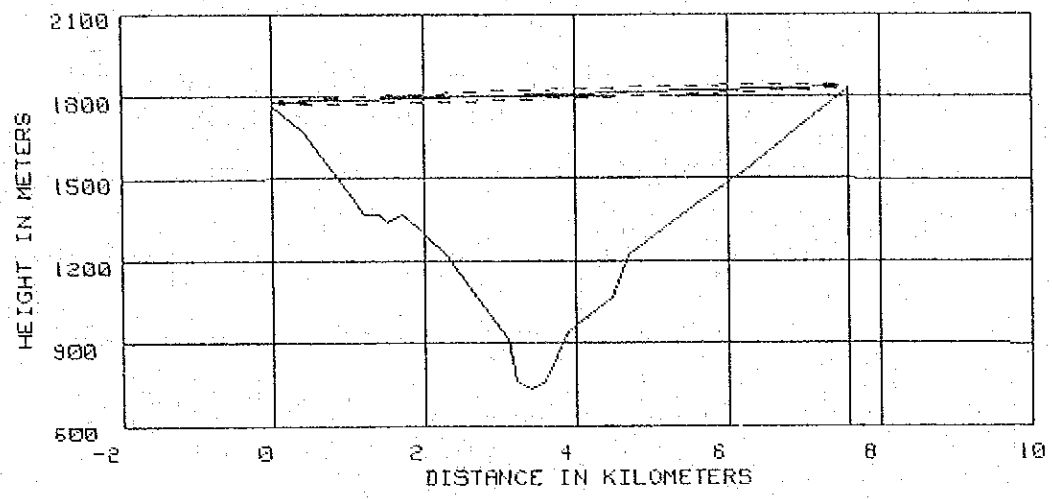
SITE 1 : GHAMPETOLE
GROUND ELEVATION: 1767.8 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BHOJPUR
GROUND ELEVATION: 1585.0 m
ANTENNA HEIGHT: 15.0 m

GHARAN (02-5)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 7.6 km

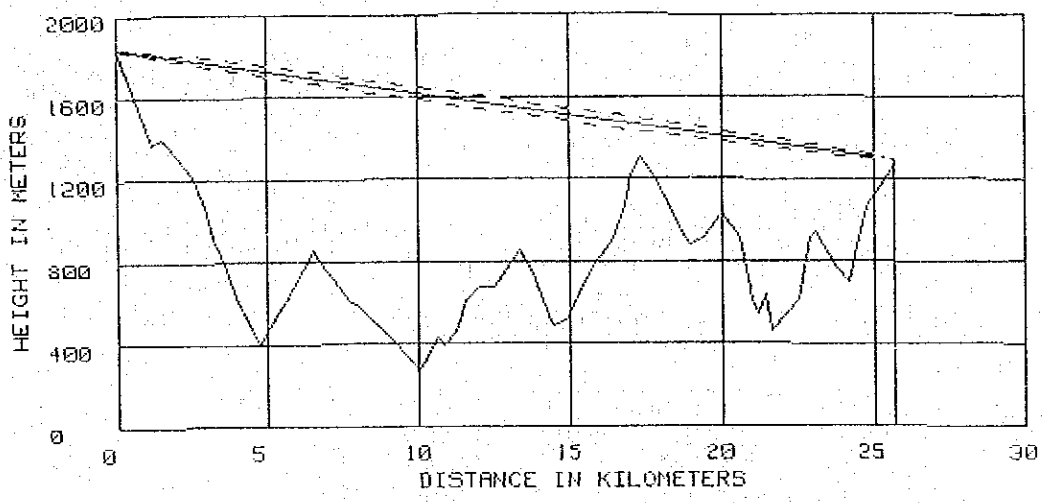
SITE 1 : GHAMPETOLE
GROUND ELEVATION: 1767.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : RAMCHE
GROUND ELEVATION: 1820.0 m
ANTENNA HEIGHT: 10.0 m

RAMCHA (02-6)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 25.7 km

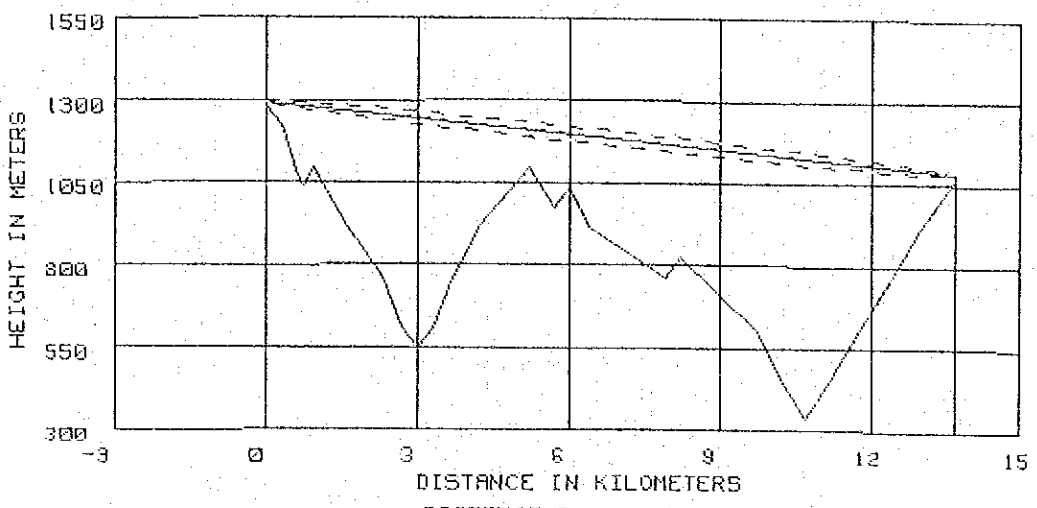
SITE 1 : RAMCHE
GROUND ELEVATION: 1820.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : CHAINPUR
GROUND ELEVATION: 1280.2 m
ANTENNA HEIGHT: 15.0 m

CHAKHA (02-7)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 13.7 km

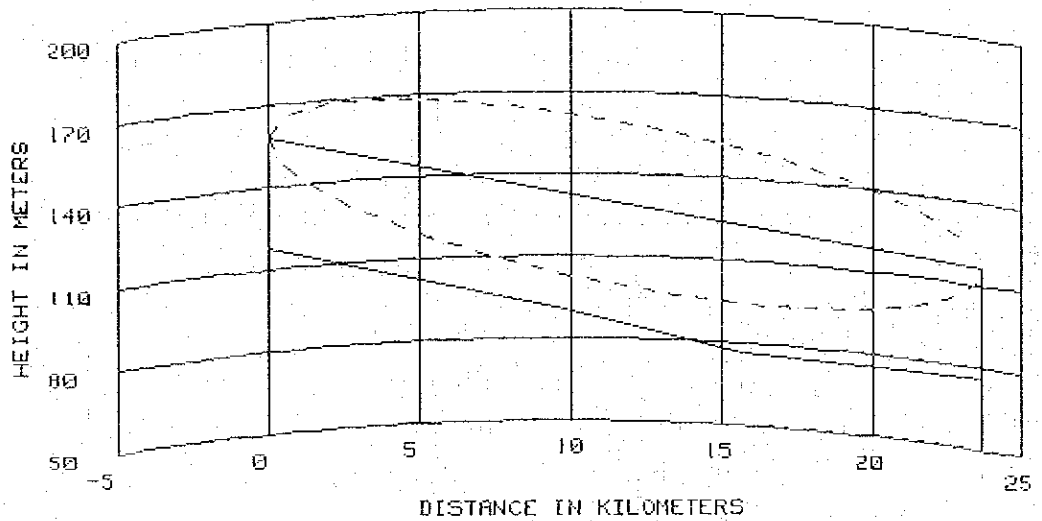
SITE 1 : CHAINPUR
GROUND ELEVATION: 1280.2 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : KHANDBARI
GROUND ELEVATION: 1066.8 m
ANTENNA HEIGHT: 15.0 m

BHAJHA (02-8)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 23.7 km

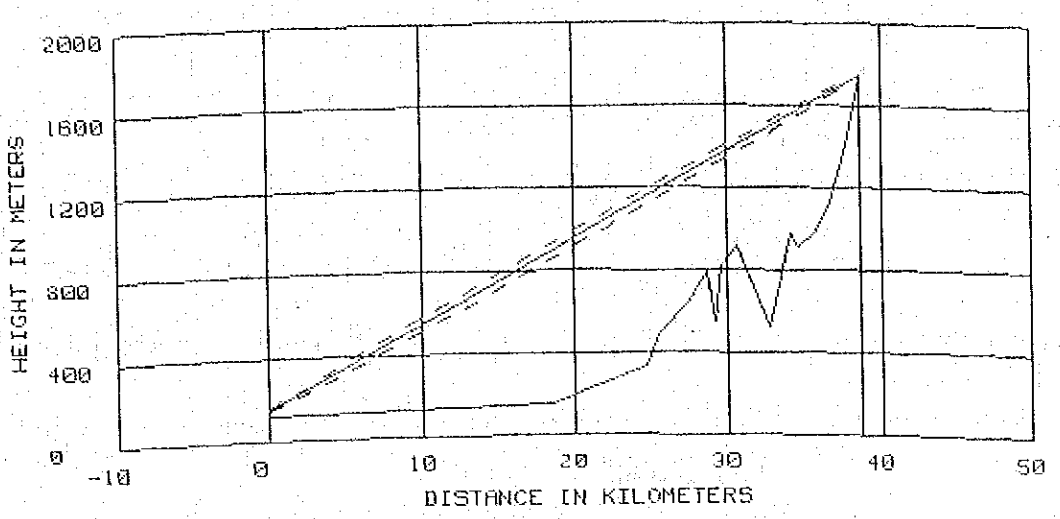
SITE 1 : BHADRAPUR
GROUND ELEVATION: 110.0 m
ANTENNA HEIGHT: 40.0 m

SITE 2 : JHAPA
GROUND ELEVATION: 76.0 m
ANTENNA HEIGHT: 40.0 m

BHAAIT (02-9)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 38.7 km

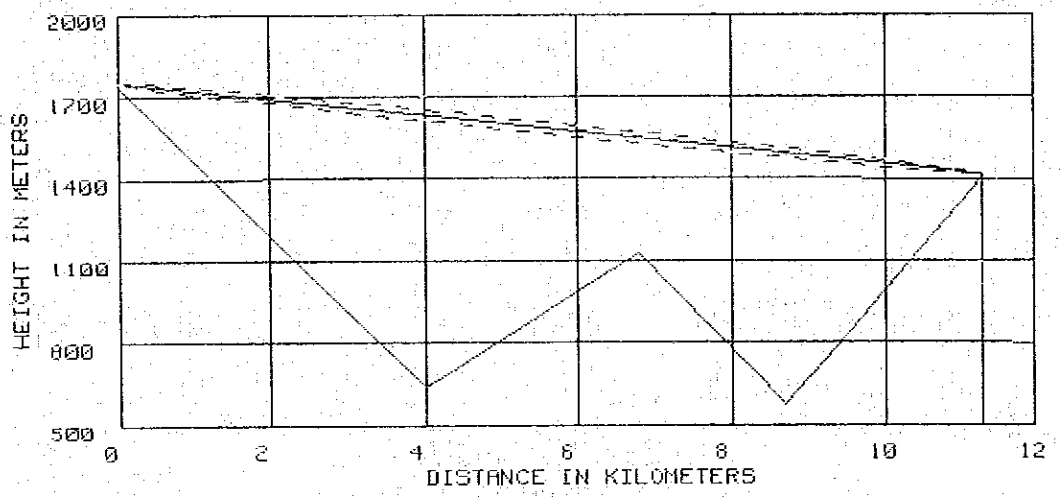
SITE 1 : BHADRAPUR
GROUND ELEVATION: 118.0 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : AITABARE
GROUND ELEVATION: 1737.4 m
ANTENNA HEIGHT: 10.0 m

AITEILA (02-10)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 11.3 km

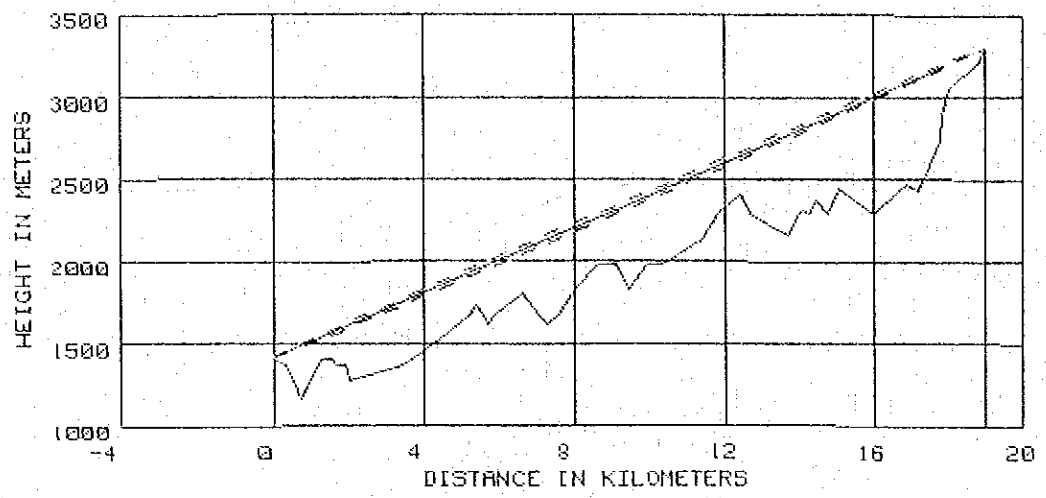
SITE 1 : AITABARE
GROUND ELEVATION: 1737.4 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : ILAM
GROUND ELEVATION: 1402.1 m
ANTENNA HEIGHT: 15.0 m

ILACHH (02-11)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 19 km

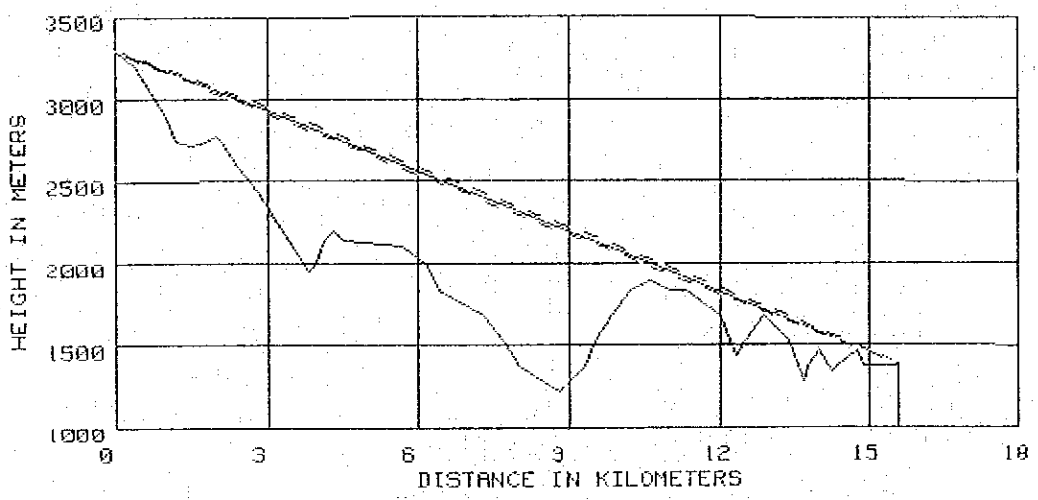
SITE 1 : ILAM
GROUND ELEVATION:1402.1 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : CHHINTAPU
GROUND ELEVATION:3291.8 m
ANTENNA HEIGHT: 10.0 m

CHHPHI (02-12)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



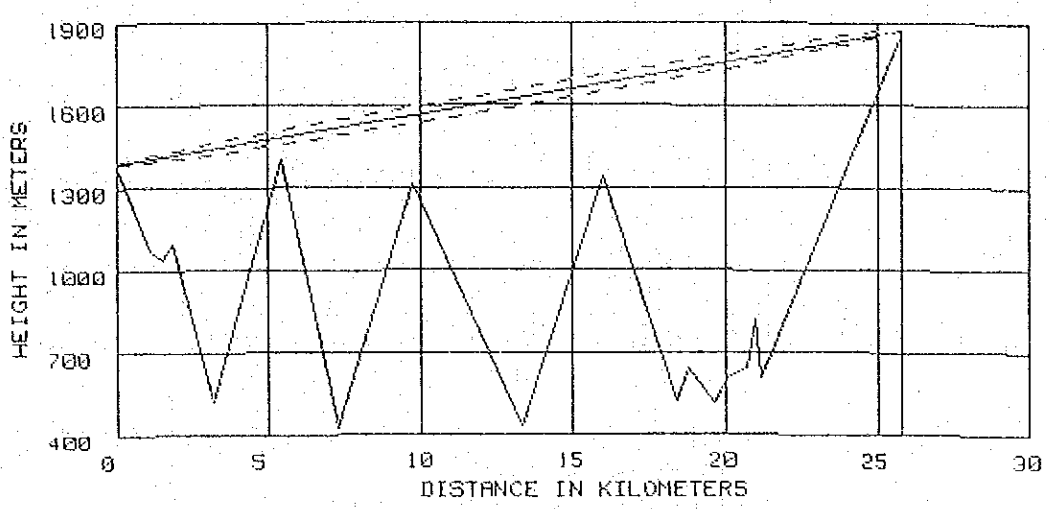
DISTANCE D : 15.6 km

SITE 1 : CHHINTAPU
GROUND ELEVATION:3291.8 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : PHIDIM
GROUND ELEVATION:1371.6 m
ANTENNA HEIGHT: 20.0 m

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 25.8 km

SITE 1 : PHIDIM	SITE 2 : TAPLEJUNG
GROUND ELEVATION: 1371.6 m	GROUND ELEVATION: 1859.3 m
ANTENNA HEIGHT: 15.0 m	ANTENNA HEIGHT: 15.0 m

Elevation and Coordinates of Station Site (03 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	RAJBIRAJ	76	86°45′09"E	26°32′44"N
2	ROTAHA	1946	86°41′28"E	26°55′48"N
3	GAIGHAT	152	86°42′04"E	26°48′15"N
4	GURANSE	2195	86°46′35"E	27°14′27"N
5	DIKTEL	1539	86°47′59"E	27°12′59"N
6	KABRE	1798	86°39′42"E	27°12′18"N
7	OKHALDHUNGA	1798	86°30′34"E	27°19′18"N
8	RUMJHATAR	1387	86°32′45"E	27°18′12"N
9	JANTRA KHANI	3063	86°32′29"E	27°23′17"N
10	SALLERI	2469	86°35′36"E	27°30′13"N
11	SATUNG	3551	86°34′31"E	27°34′38"N
12	JUBING	2926	86°43′13"E	27°35′05"N
13	NAMCHE BAZAR	3566	86°42′53"E	27°48′23"N

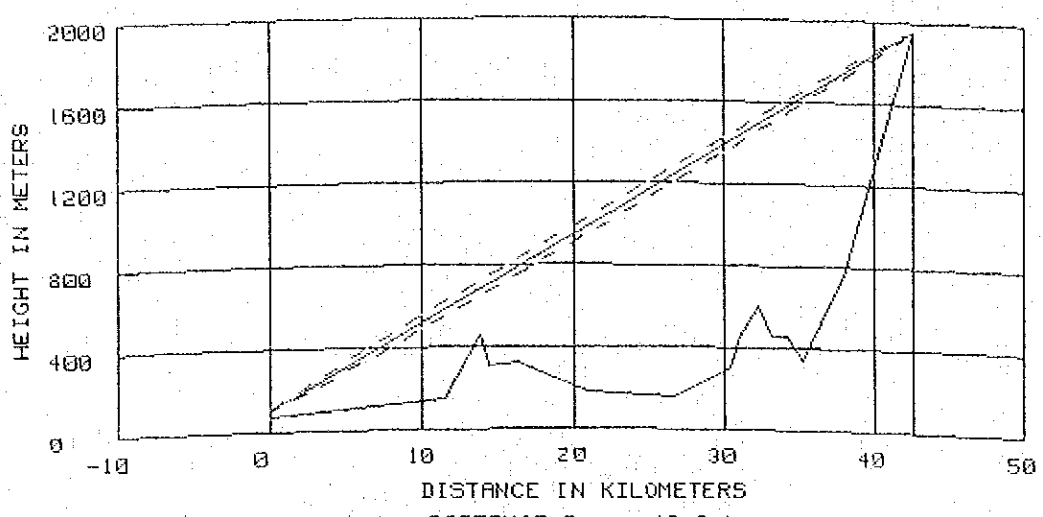
Path Profile Maps (03 Area)

1	Rajbiraj	-	Rotaha
2	Rotaha	-	Gaighat
3	Rotaha	-	Guranse
4	Guranse	-	Diktel
5	Guranse	-	Kabre
6	Kabre	-	Okhaldhunga
7	Okhaldhunga	-	Rumjhatar
8	Kabre	-	Jantra Khani
9	Jantra Khani	-	Salleri
10	Salleri	-	Satung
11	Satung	-	Jubing
12	Jubing	-	Namche Bazar

RAGROT (03-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 42.6 km

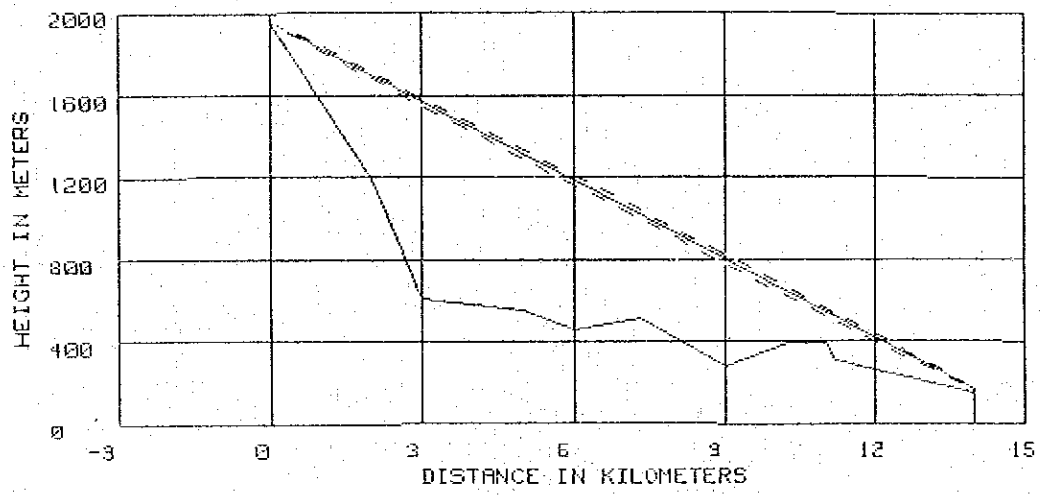
SITE 1 : RAJBIRAJ
GROUND ELEVATION: 76.2 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : ROTAHA
GROUND ELEVATION: 1946.0 m
ANTENNA HEIGHT: 10.0 m

ROTGAI (03-2)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 14 km

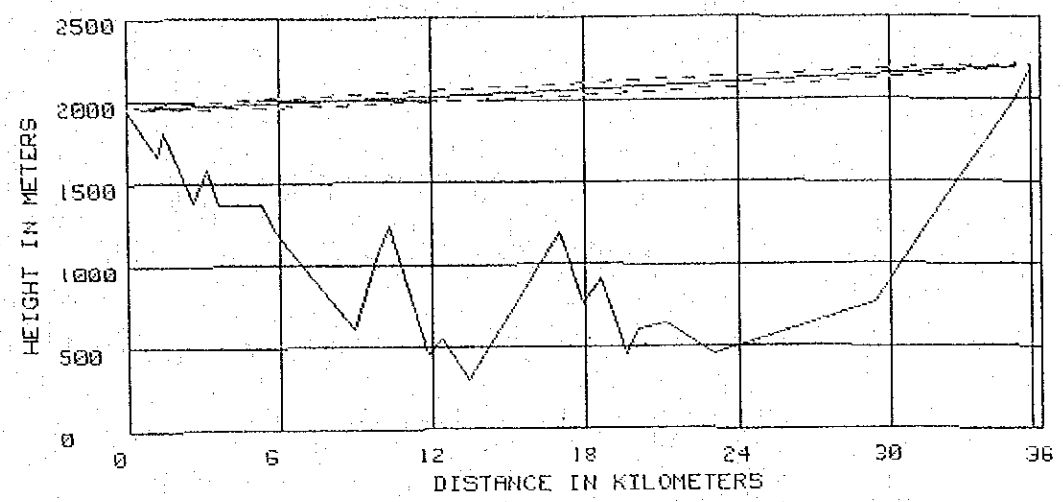
SITE 1 : ROTAHA
GROUND ELEVATION: 1946.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : GAIGHAT
GROUND ELEVATION: 152.0 m
ANTENNA HEIGHT: 15.0 m

ROTGUR (03-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 35.6 km

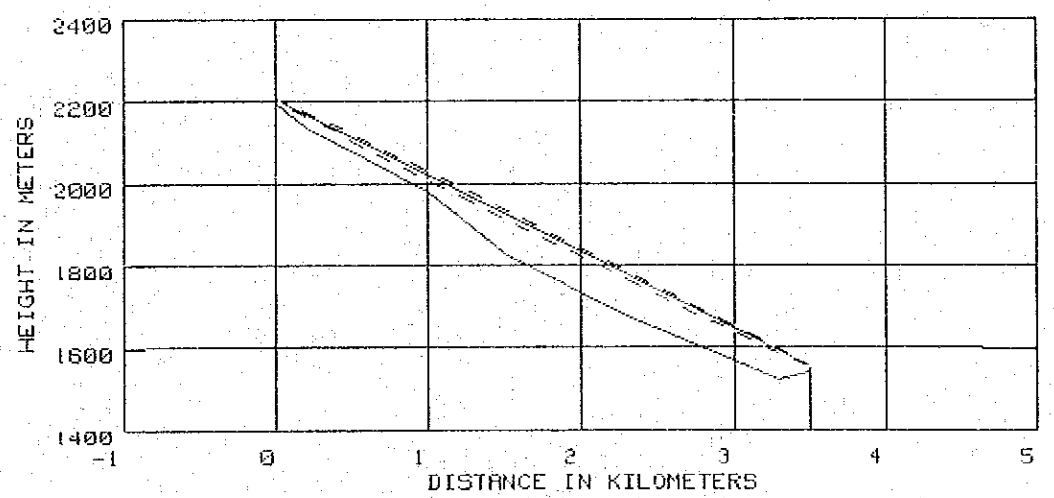
SITE 1 : ROTAHA
GROUND ELEVATION: 1946.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : GURANSE
GROUND ELEVATION: 2195.0 m
ANTENNA HEIGHT: 10.0 m

GURDIK (03-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 3.5 km

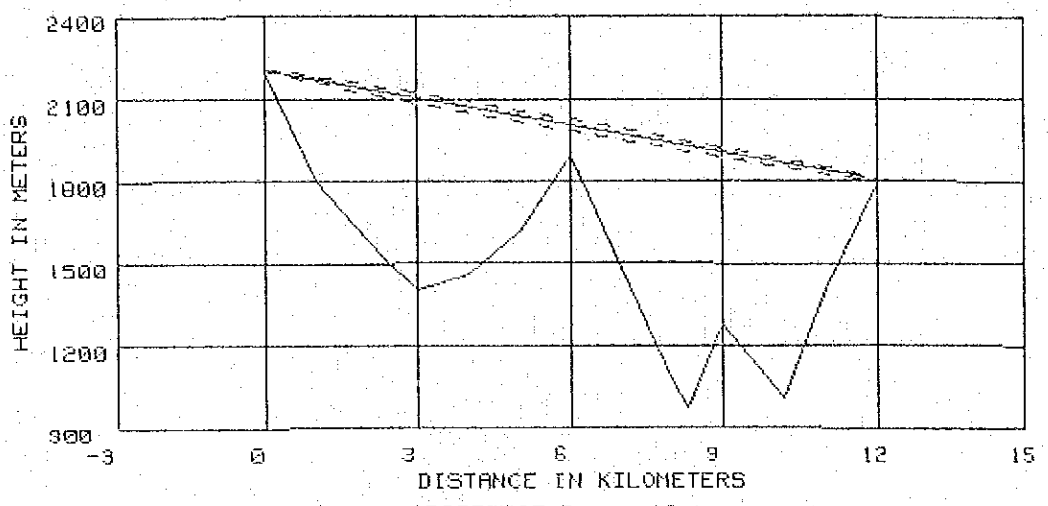
SITE 1 : GURANSE
GROUND ELEVATION: 2195.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : DIKTEL
GROUND ELEVATION: 1539.0 m
ANTENNA HEIGHT: 15.0 m

GURKAB (03-5)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 12 km

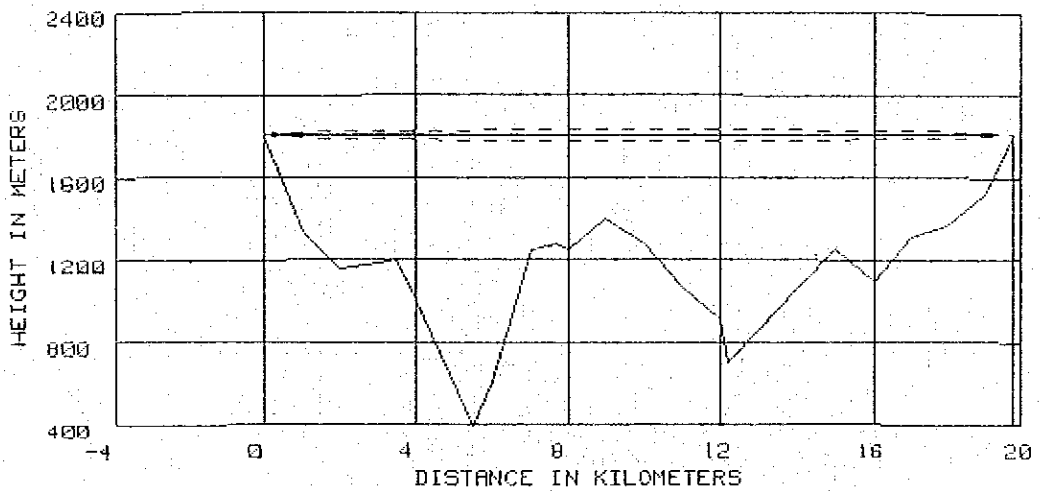
SITE 1 : GURANSE
GROUND ELEVATION: 2195.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : KABRE
GROUND ELEVATION: 1798.0 m
ANTENNA HEIGHT: 10.0 m

KABOKH (03-6)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 19.8 km

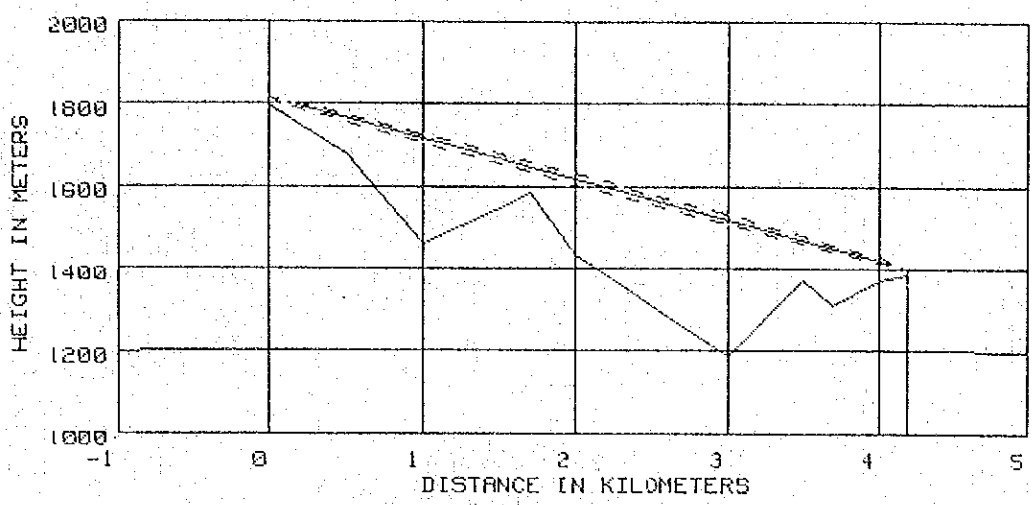
SITE 1 : KABRE
GROUND ELEVATION: 1798.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : OKHALDHUNGA
GROUND ELEVATION: 1798.0 m
ANTENNA HEIGHT: 15.0 m

OKHRUN (03-7)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 4.2 km

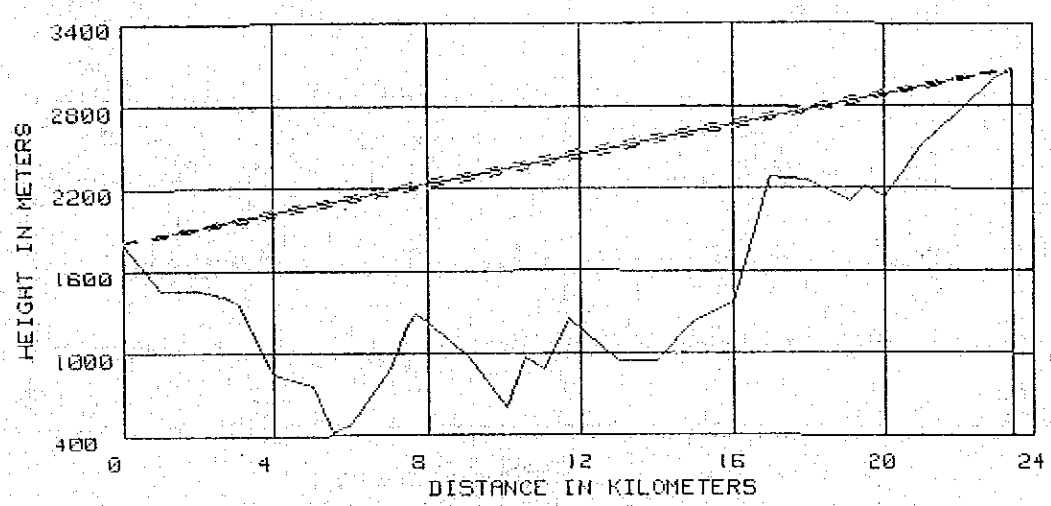
SITE 1 : OKHALDHUNGA
GROUND ELEVATION: 1798.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : RUMJHATAR
GROUND ELEVATION: 1387.0 m
ANTENNA HEIGHT: 15.0 m

KABJAN (03-8)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 23.4 km

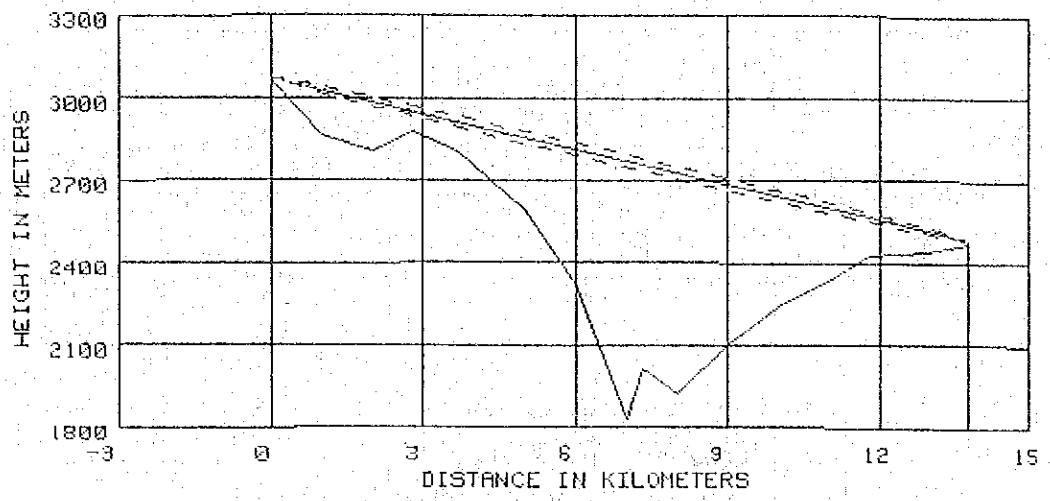
SITE 1 : KABRE
GROUND ELEVATION: 1798.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : JANTRA KHANI
GROUND ELEVATION: 3063.0 m
ANTENNA HEIGHT: 10.0 m

JANSAL (03-9)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 13.8 km

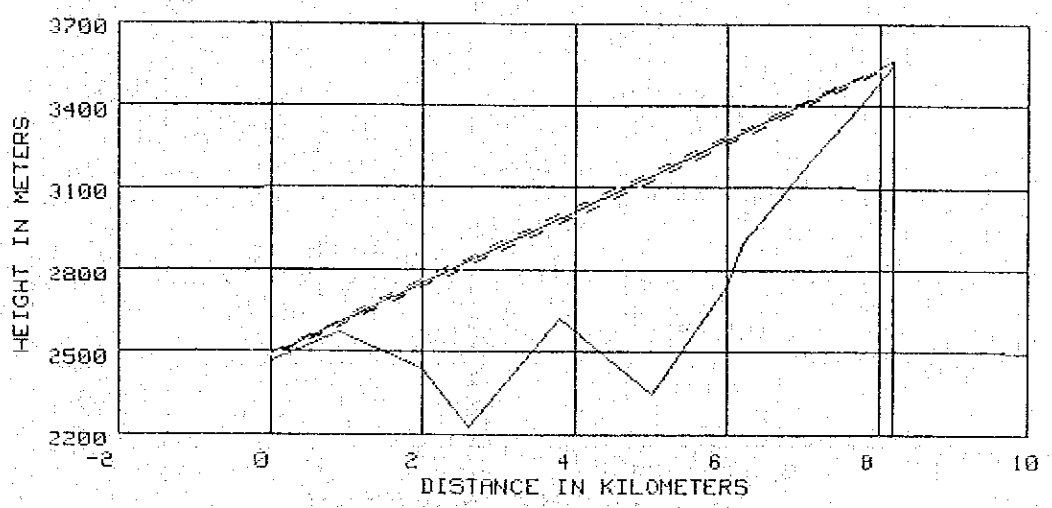
SITE 1 : JANTRA KHANI
GROUND ELEVATION:3083.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : SALLERI
GROUND ELEVATION:2469.0 m
ANTENNA HEIGHT: 15.0 m

SALSAT (03-10)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 8.2 km

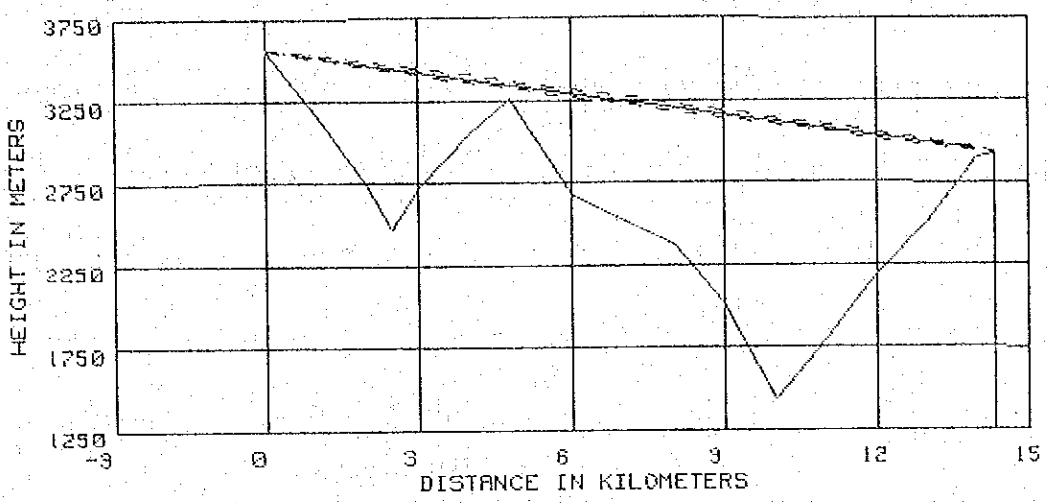
SITE 1 : SALLERI
GROUND ELEVATION:2469.0 m
ANTENNA HEIGHT: 20.0 m

SITE 2 : SATUNG
GROUND ELEVATION:3551.0 m
ANTENNA HEIGHT: 10.0 m

SATJUB (03-11)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 14.35 km

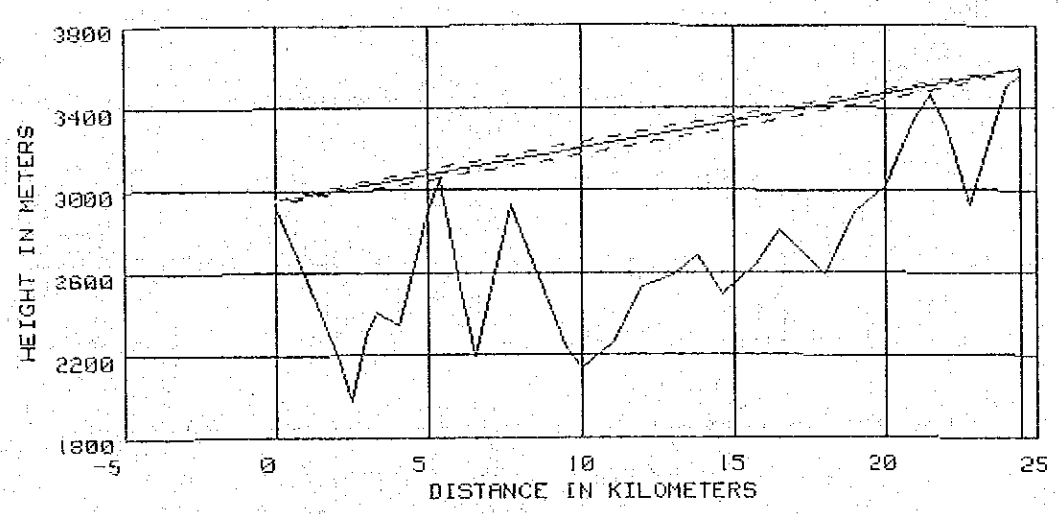
SITE 1 : SATUNG
GROUND ELEVATION:3551.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : JUBING
GROUND ELEVATION:2926.0 m
ANTENNA HEIGHT: 10.0 m

JUBNAM (03-12)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 24.45 km

SITE 1 : JUBING
GROUND ELEVATION:2926.0 m
ANTENNA HEIGHT: 25.0 m

SITE 2 : NAMCHE BAZAR
GROUND ELEVATION:3566.0 m
ANTENNA HEIGHT: 20.0 m

Elevation and Coordinates of Station Site (04 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	JANAKPUR	72	85°56′12"E	26°43′45"N
2	NAGI	1993	85°55′53"E	27°18′47"N
3	SINDHULI MADI	518	85°55′05"E	27°12′39"N
4	RAMECHHAP	1463	86°05′15"E	27°19′12"N
5	CHARIKOT	2012	86°02′59"E	27°40′03"N

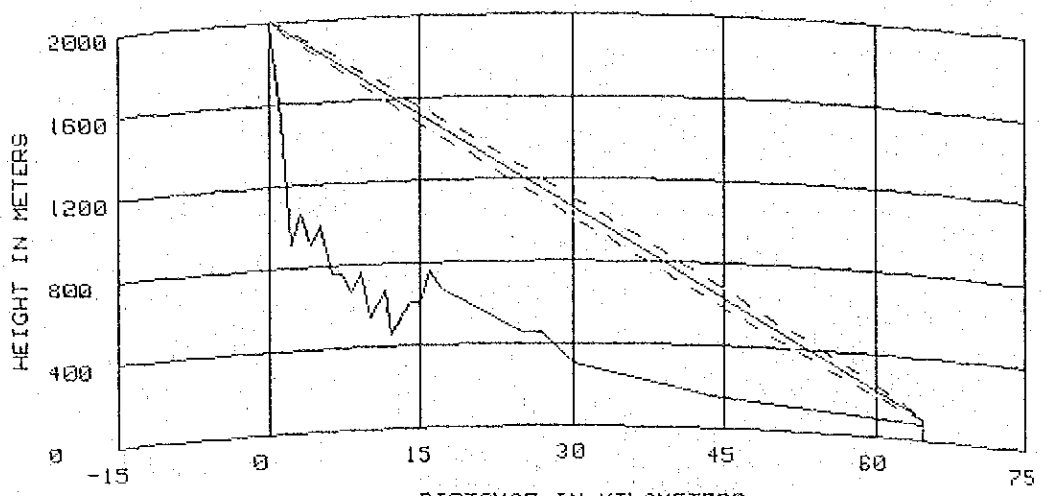
Path Profile Maps (04 Area)

1	Nagi	-	Janakpur
2	Nagi	-	Sindhuli Madi
3	Nagi	-	Ramechhap
4	Ramechhap	-	Charikot

NAGJAN (04-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 64.8 km

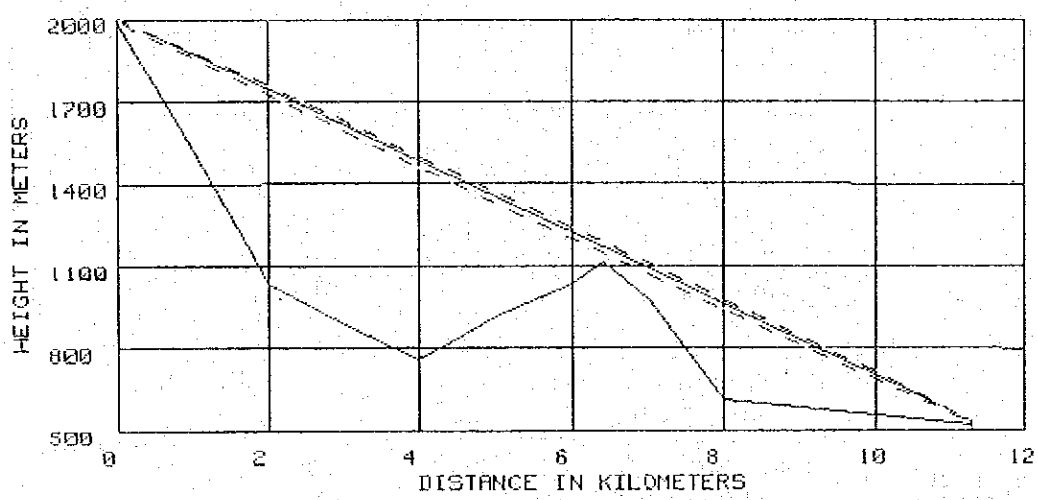
SITE 1 : NAGI
GROUND ELEVATION: 1993.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : JANAKPUR
GROUND ELEVATION: 72.0 m
ANTENNA HEIGHT: 30.0 m

NAGSIN (04-2)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 11.3 km

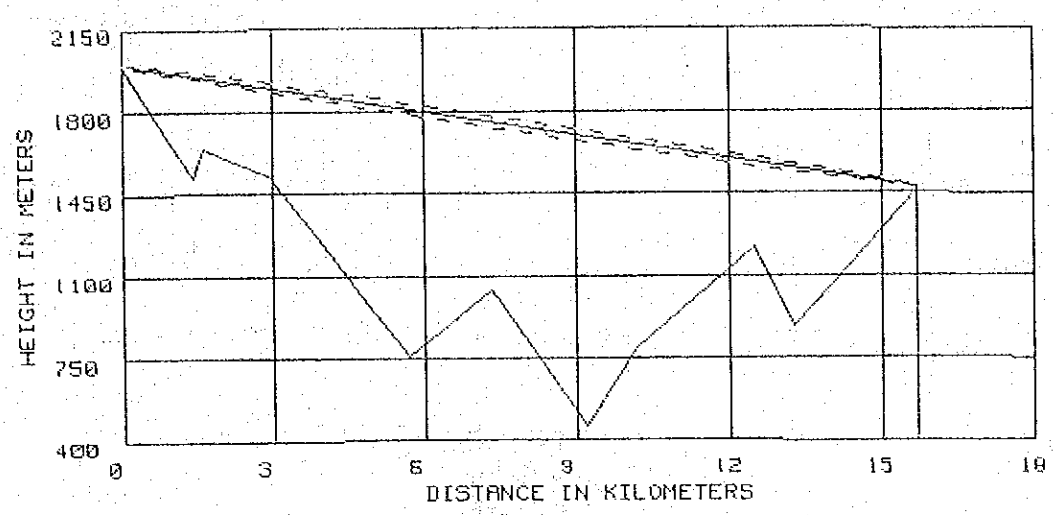
SITE 1 : NAGI
GROUND ELEVATION: 1993.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : SINDHULI MADI
GROUND ELEVATION: 510.0 m
ANTENNA HEIGHT: 15.0 m

NAGRA (04-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 15.7 km

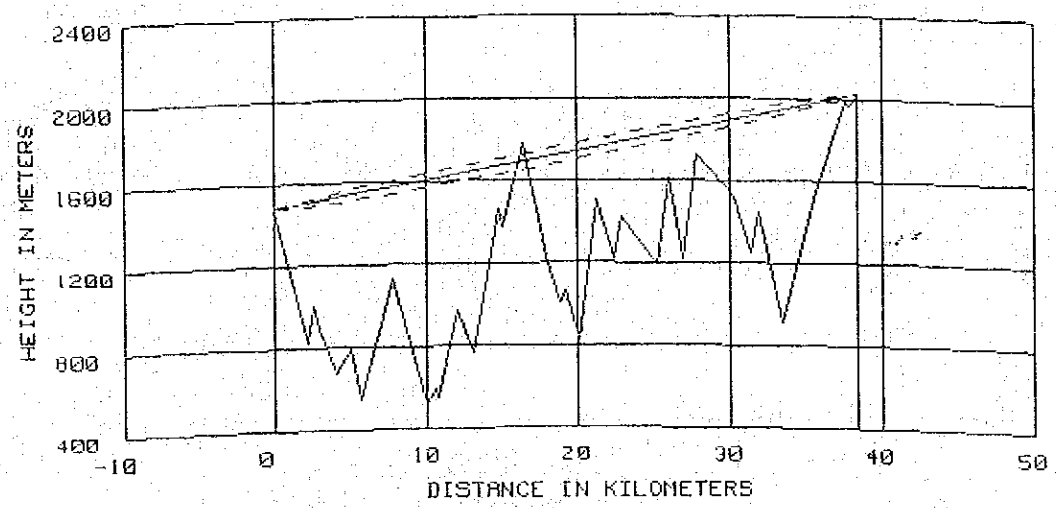
SITE 1 : NAGI
GROUND ELEVATION: 1993.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : RAMECHHAP
GROUND ELEVATION: 1463.0 m
ANTENNA HEIGHT: 15.0 m

CHARAM (04-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 38.4 km

SITE 1 : RAMECHHAP
GROUND ELEVATION: 1463.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : CHARIKOT
GROUND ELEVATION: 2012.0 m
ANTENNA HEIGHT: 15.0 m

Elevation and Coordinates of Station Site (05 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	BIRGANJ	88	84°52′42"E	27°01′01"N
2	SIMRA	145	84°59′05"E	27°10′23"N
3	KALAIYA	94	85°00′11"E	27°01′57"N
4	GAUR	76	85°16′56"E	26°45′59"N
5	HITAUDA	448	85°01′51"E	27°25′57"N
6	SHIMBHANJYANG	2581	85°05′25"E	27°35′37"N
7	BASANTI	1554	85°07′31"E	27°31′32"N
8	BHIMPHEDI	1067	85°07′32"E	27°32′42"N

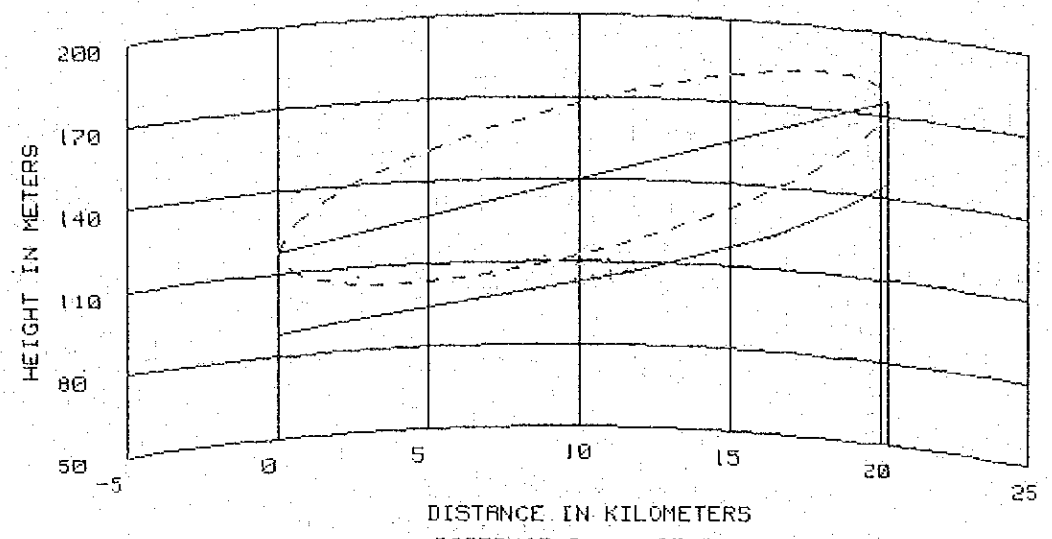
Path Profile Maps (05 Area)

1	Birganj	-	Simra
2	Birganj	-	Kalaiya
3	Kalaiya	-	Gaur
4	Shimbhanjyang	-	Hitauda
5	Shimbhanjyang	-	Basanti
6	Basanti	-	Bhimphedi

BIRSIN (05-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 20.3 km

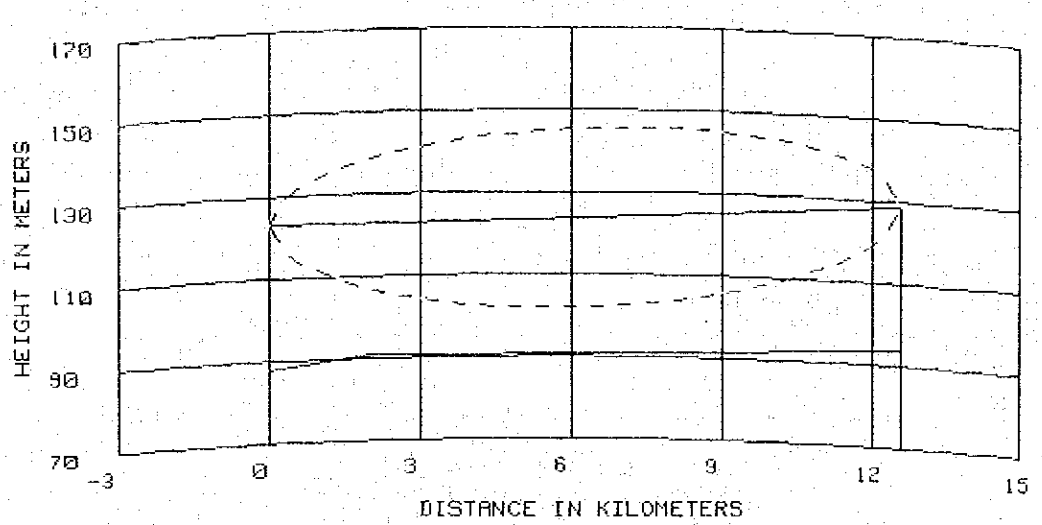
SITE 1 : BIRGANJ
GROUND ELEVATION: 88.0 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : SIMRA
GROUND ELEVATION: 145.0 m
ANTENNA HEIGHT: 30.0 m

BIRKAL (05-2)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 12.6 km

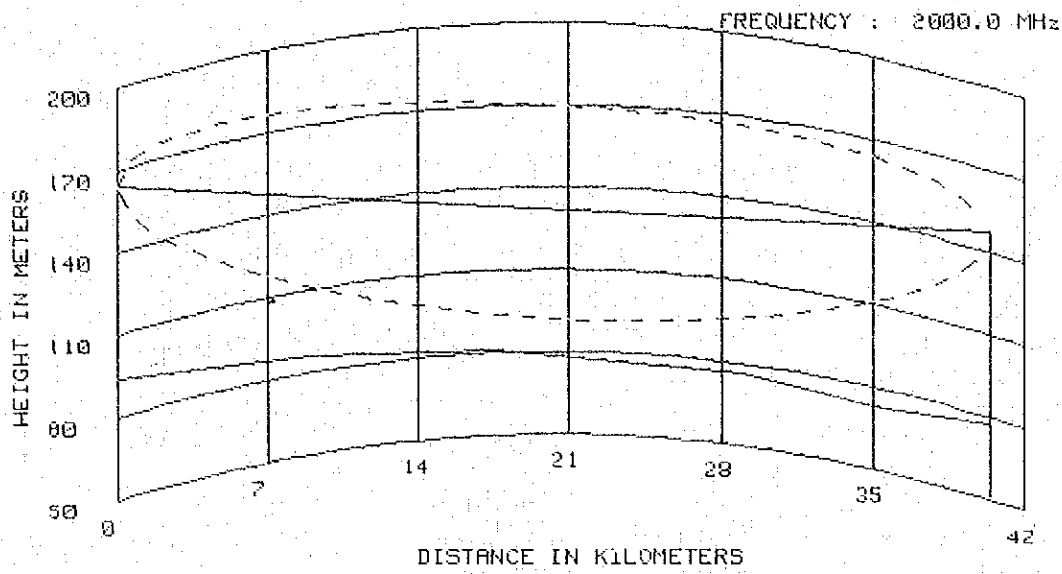
SITE 1 : BIRGANJ
GROUND ELEVATION: 88.0 m
ANTENNA HEIGHT: 35.0 m

SITE 2 : KALAIYA
GROUND ELEVATION: 94.0 m
ANTENNA HEIGHT: 35.0 m

KALGAU (05-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



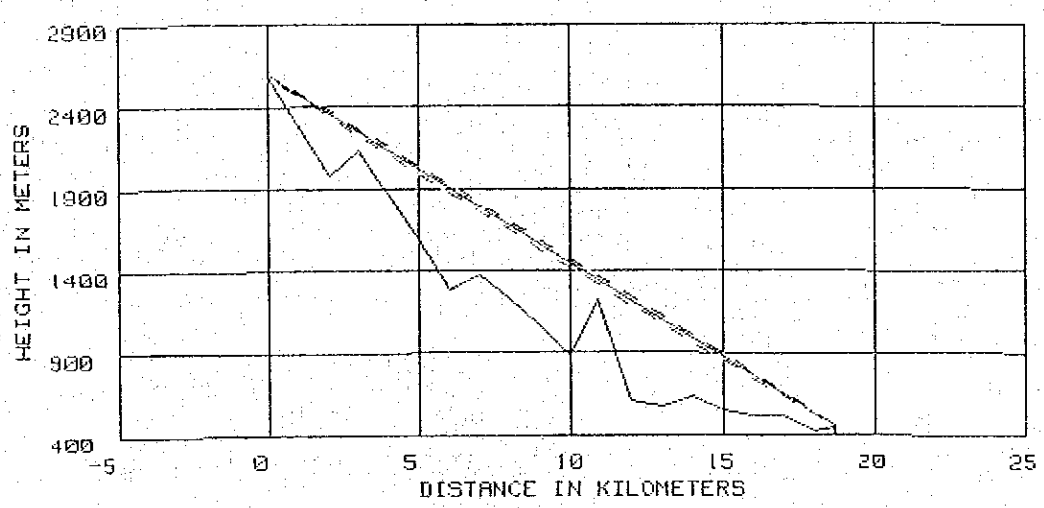
DISTANCE D : 40.4 km

SITE 1 : KALAIYA	SITE 2 : GAUR
GROUND ELEVATION: 94.0 m	GROUND ELEVATION: 76.0 m
ANTENNA HEIGHT: 70.0 m	ANTENNA HEIGHT: 70.0 m

SHIHIT (05-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



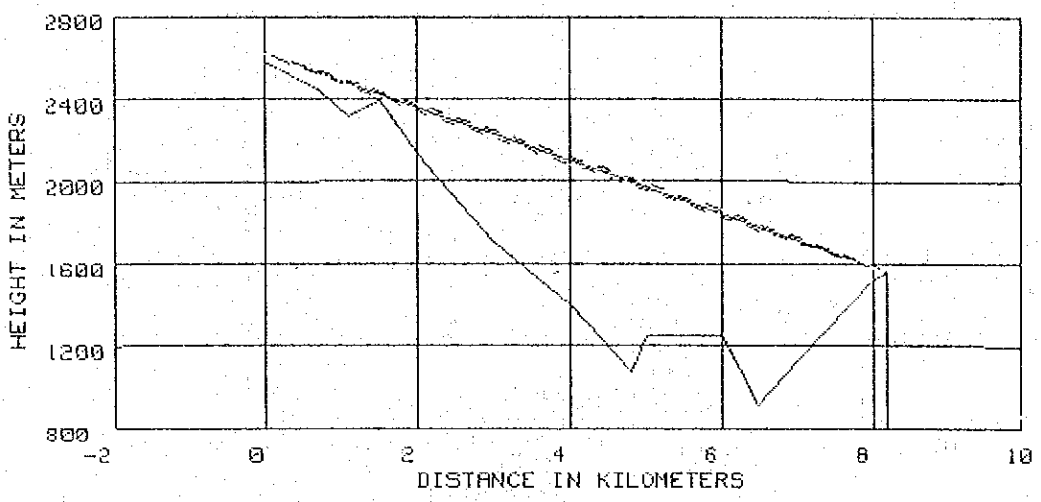
DISTANCE D : 18.7 km

SITE 1 : SHIMBHANJYANG	SITE 2 : HITAUDA
GROUND ELEVATION:2581.0 m	GROUND ELEVATION: 440.0 m
ANTENNA HEIGHT: 10.0 m	ANTENNA HEIGHT: 10.0 m

SHIBAS (05-5)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 8.2 km

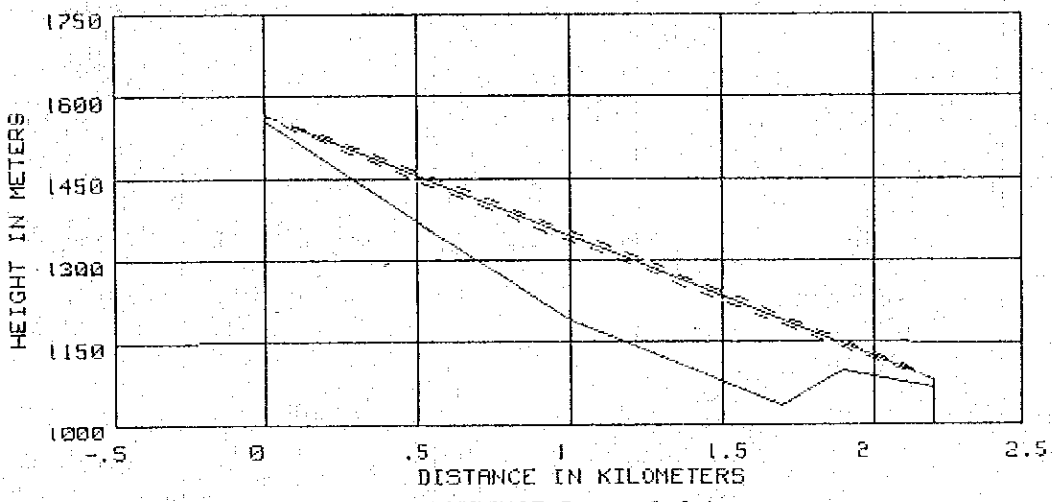
SITE 1 : SHIMBHANJYANG
GROUND ELEVATION:2581.0 m
ANTENNA HEIGHT: 35.0 m

SITE 2 : BASANTI
GROUND ELEVATION:1554.0 m
ANTENNA HEIGHT: 10.0 m

BASBHI (05-6)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 2.2 km

SITE 1 : BASANTI
GROUND ELEVATION:1554.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BHIMPHEDI
GROUND ELEVATION:1067.0 m
ANTENNA HEIGHT: 15.0 m

Elevation and Coordinates of Station Site (06 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	POKHARA	887	83°59′55"E	28°13′17"N
2	PANCHASE	2499	83°47′58"E	28°13′46"N
3	SYANGJA	853	83°52′18"E	28°05′55"N
4	KUSMA	914	83°41′04"E	28°13′13"N
5	BAGLUNG	945	83°36′10"E	28°15′50"N
6	SALYAN	1097	83°36′16"E	28°19′00"N
7	BENI	853	83°34′06"E	28°20′36"N
8	RAKHU	1829	83°34′38"E	28°24′14"N
9	TOPANG	2774	83°41′04"E	28°29′08"N
10	DHAMPUGAON	2957	83°36′21"E	28°39′47"N
11	DHUMPHA	2896	83°42′09"E	28°45′21"N
12	JOMSOM	2774	83°44′14"E	28°46′58"N
13	MARJYANKOT	1085	84°09′16"E	28°06′39"N
14	JITAKOT	1311	84°19′55"E	28°05′32"N
15	SANKHAR	511	84°16′06"E	27°59′00"N
16	DAMAULI	335	84°16′58"E	27°58′20"N
17	BANDIPUR	1158	84°24′11"E	27°56′06"N
18	GORKHA	1097	84°37′10"E	28°00′05"N
19	GHALEGAON	2499	84°21′21"E	28°19′03"N
20	BESISHAR	671	84°23′25"E	28°13′43"N
21	CHHIJU	2164	84°25′29"E	28°23′40"N
22	THONJE	2743	84°21′53"E	28°28′36"N
23	BAGARCHHAP	2591	84°21′00"E	28°33′00"N
24	CHAME	2621	84°14′41"E	28°33′05"N

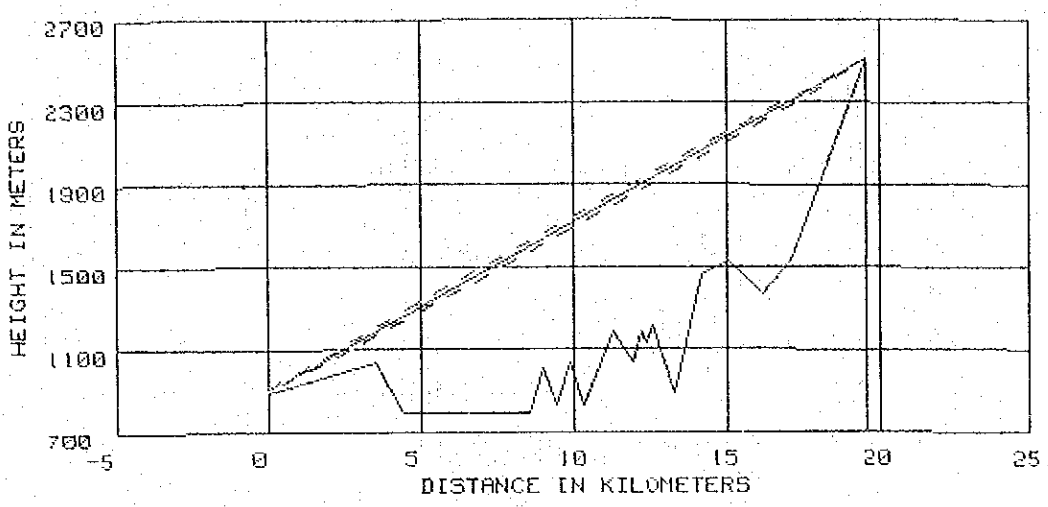
Path Profile Maps (06 Area)

1	Pokhara	-	Panchase
2	Panchase	-	Syangja
3	Panchase	-	Kusma
4	Kusma	-	Baglung
5	Baglung	-	Salyan
6	Salyan	-	Beni
7	Beni	-	Rakhu
8	Rakhu	-	Topang
9	Topang	-	Dhampugaon
10	Dhampugaon	-	Dhumpha
11	Dhumpha	-	Jomsom
12	Pokhara	-	Marjyankot
13	Marjyankot	-	Jitakot
14	Jitakot	-	Sankhar
15	Sankhar	-	Damauli
16	Jitakot	-	Bandipur
17	Bandipur	-	Gorkha
18	Jitakot	-	Ghalegaon
19	Ghalegaon	-	Besishar
20	Ghalegaon	-	Chhiju
21	Chhiju	-	Thonje
22	Thonje	-	Bagarchhap
23	Bagarchhap	-	Chame

POKPAN (06-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 19.6 km

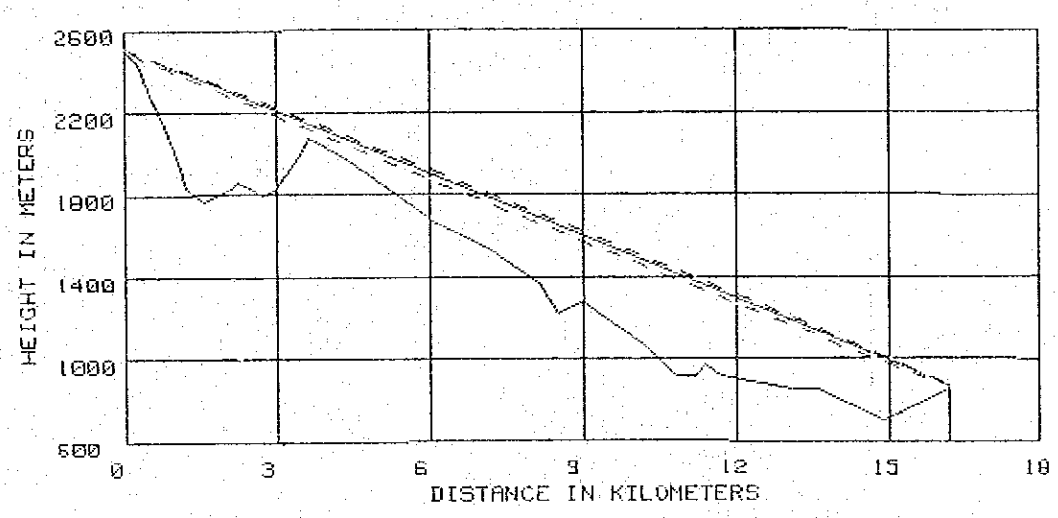
SITE 1 : POKHARA
GROUND ELEVATION: 887.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : PANCHASE
GROUND ELEVATION: 2499.4 m
ANTENNA HEIGHT: 10.0 m

PANSYA (06-2)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 16.2 km

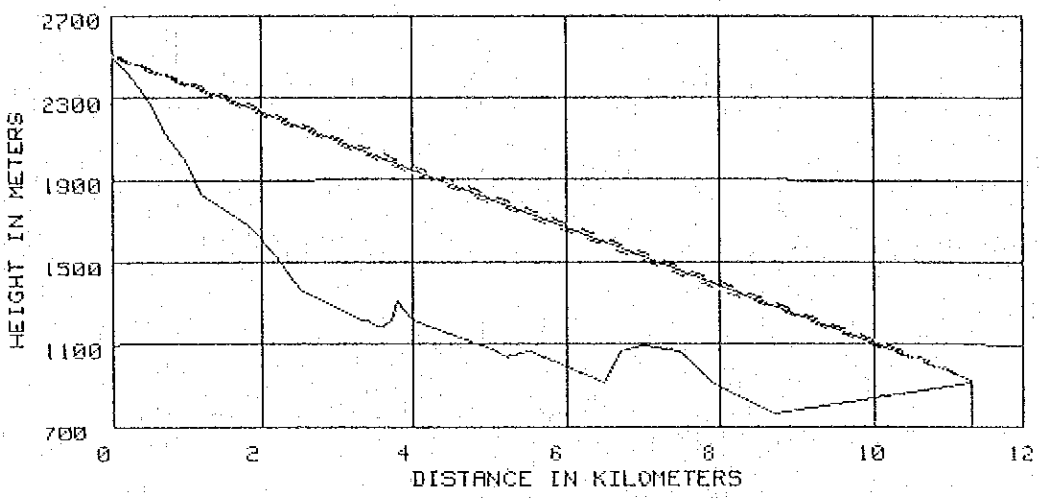
SITE 1 : PANCHASE
GROUND ELEVATION: 2499.4 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : SYANGJA
GROUND ELEVATION: 853.4 m
ANTENNA HEIGHT: 15.0 m

PANKUS (06-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 11.3 km

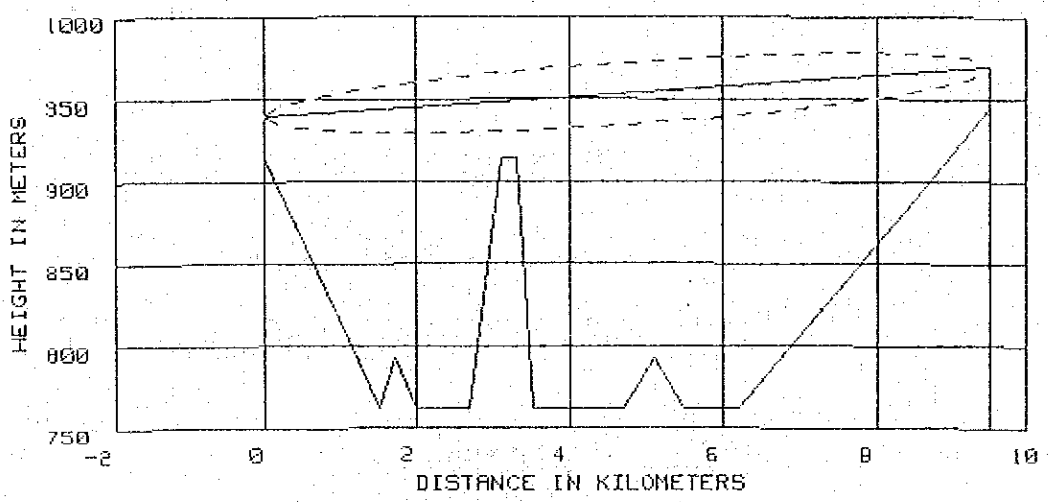
SITE 1 : PANCHASE
GROUND ELEVATION:2499.4 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : KUSMA
GROUND ELEVATION: 914.4 m
ANTENNA HEIGHT: 15.0 m

KUSBAG (06-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 9.5 km

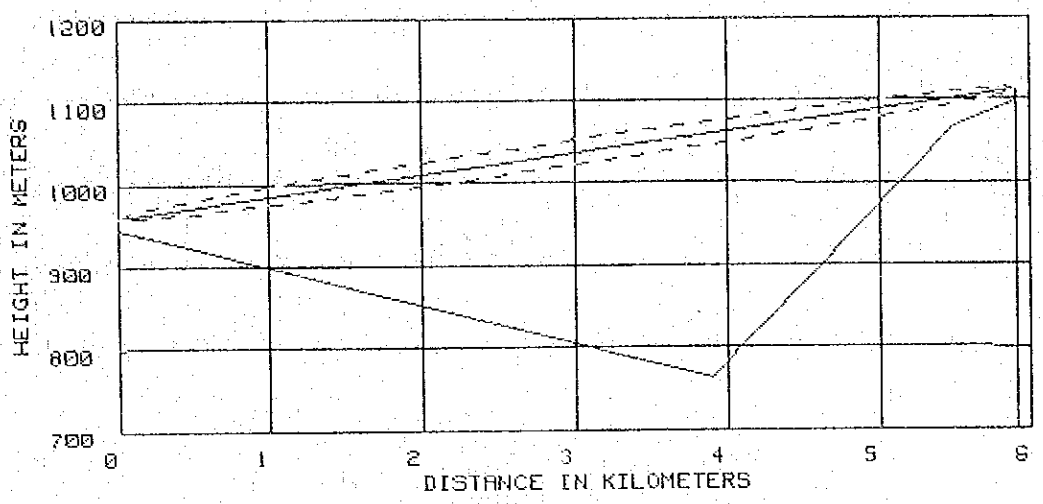
SITE 1 : KUSMA
GROUND ELEVATION: 914.4 m
ANTENNA HEIGHT: 25.0 m

SITE 2 : BAGLUNG
GROUND ELEVATION: 944.9 m
ANTENNA HEIGHT: 25.0 m

BAGSAL (06-5)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 5.9 km

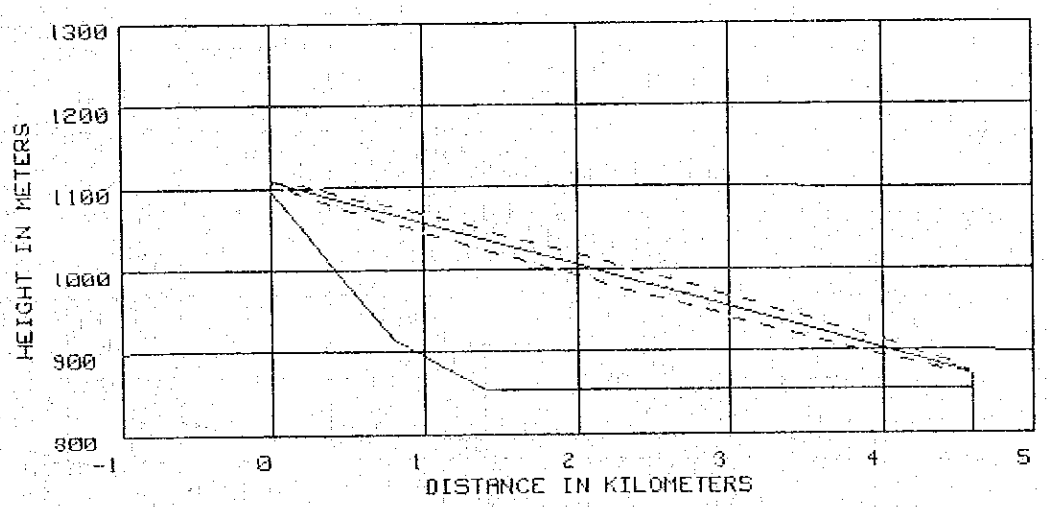
SITE 1 : BAGLUNG
GROUND ELEVATION: 944.9 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : SALYAN
GROUND ELEVATION: 1097.3 m
ANTENNA HEIGHT: 15.0 m

SALBEN (06-6)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 4.6 km

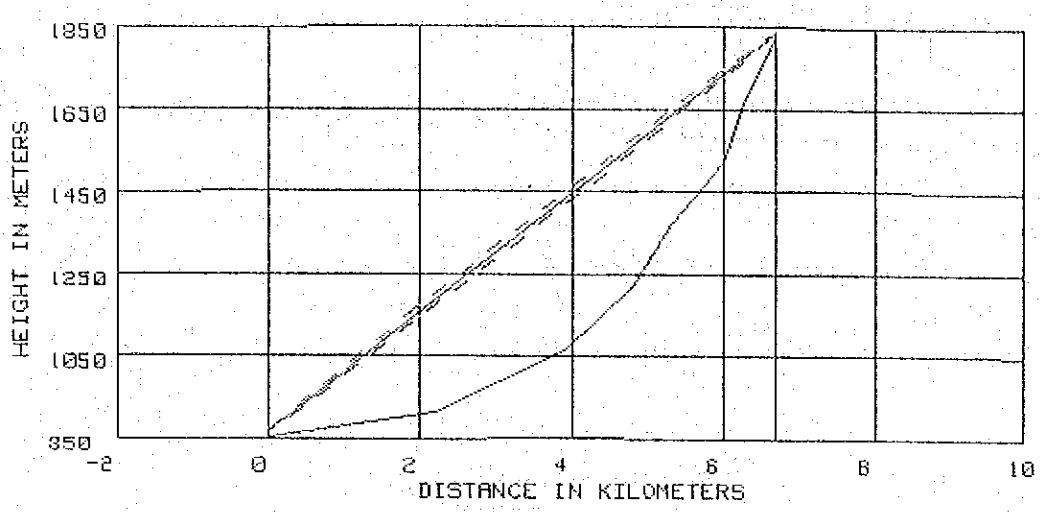
SITE 1 : SALYAN
GROUND ELEVATION: 1087.3 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BENI
GROUND ELEVATION: 853.4 m
ANTENNA HEIGHT: 20.0 m

BENRAK (06-7)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 6.7 km

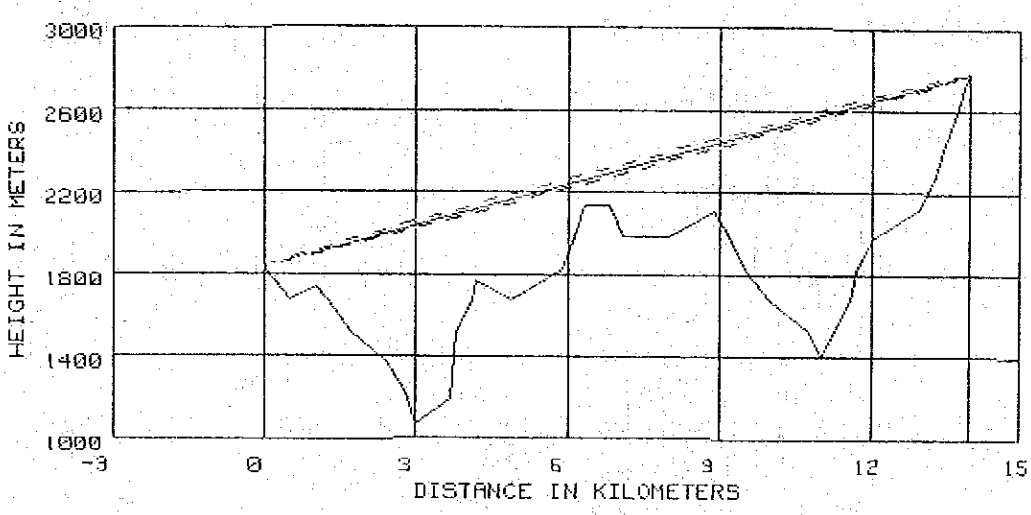
SITE 1 : BENI
GROUND ELEVATION: 853.4 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : RAKHU
GROUND ELEVATION: 1828.8 m
ANTENNA HEIGHT: 10.0 m

RAKTOP (06-8)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 14 km

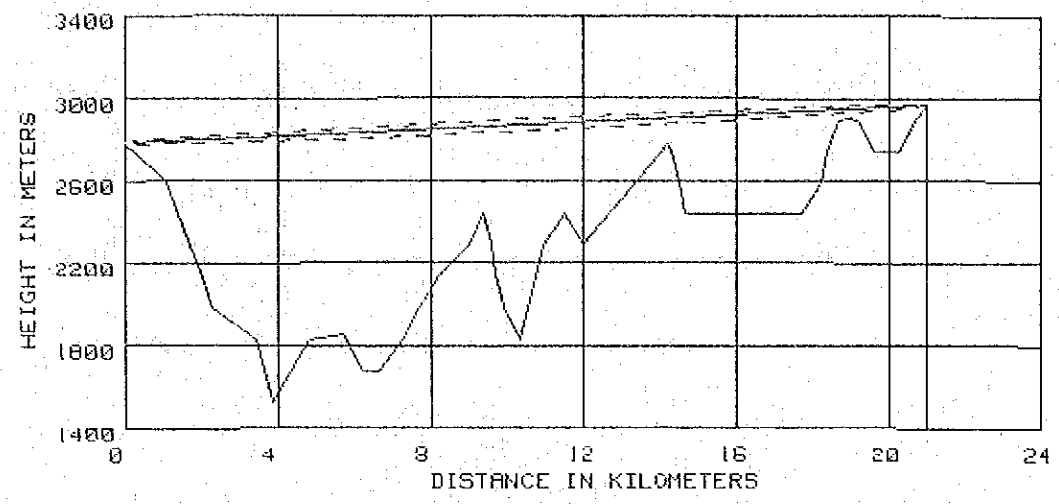
SITE 1 : RAKHU
GROUND ELEVATION: 1828.8 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : TOPANG
GROUND ELEVATION: 2773.7 m
ANTENNA HEIGHT: 10.0 m

TOPDHA (06-9)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 21 km

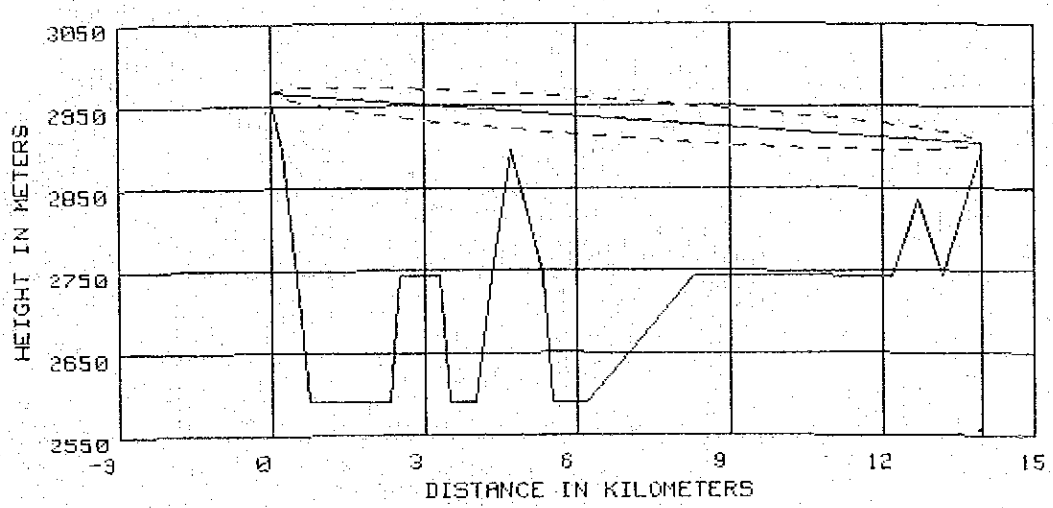
SITE 1 : TOPANG
GROUND ELEVATION:2779.7 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : DHAMPUGAON
GROUND ELEVATION:2956.6 m
ANTENNA HEIGHT: 10.0 m

DHADHU (06-10)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 14 km

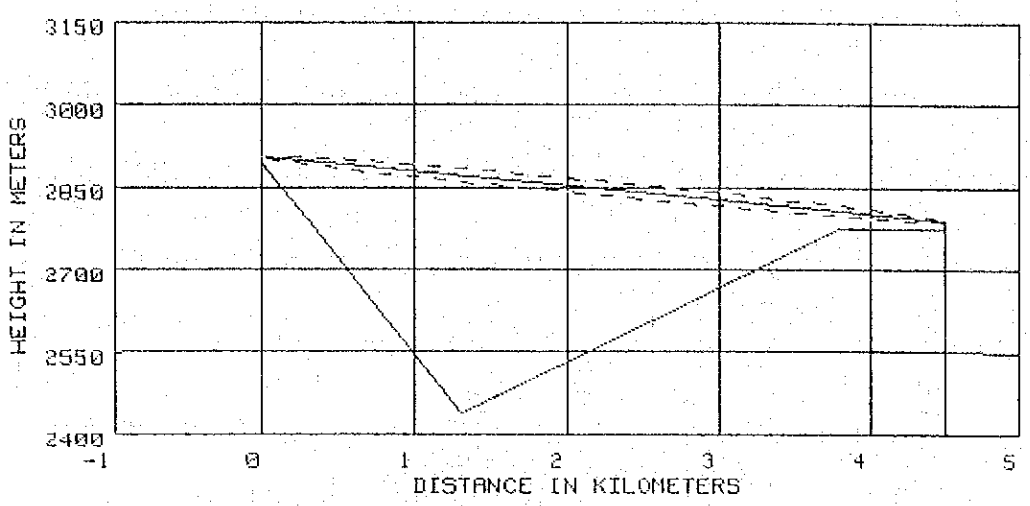
SITE 1 : DHAMPUGAON
GROUND ELEVATION:2956.6 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : DHUMPHA
GROUND ELEVATION:2895.6 m
ANTENNA HEIGHT: 10.0 m

DHUJOM (06-11)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 4.5 km

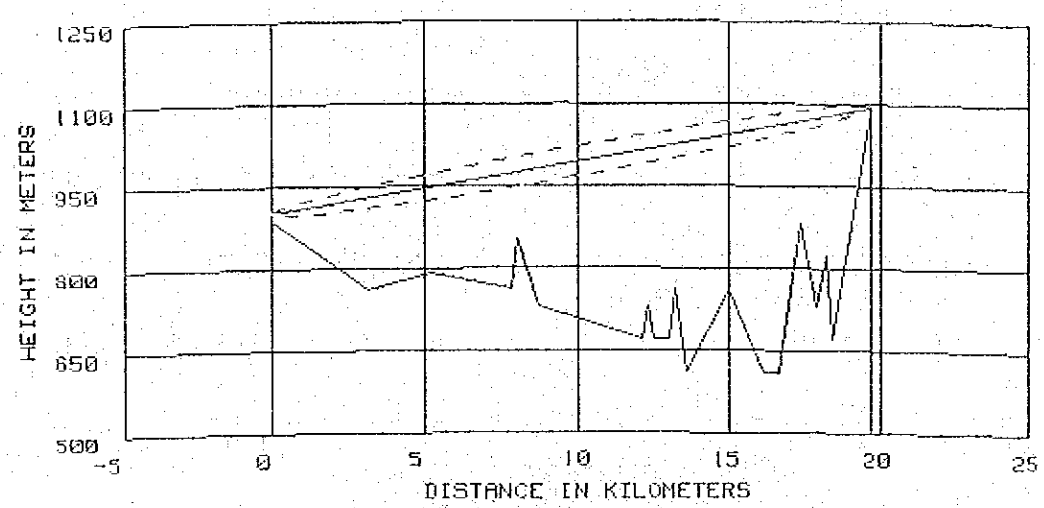
SITE 1 : DHUMPHA
GROUND ELEVATION:2895.6 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : JOMSOM
GROUND ELEVATION:2773.7 m
ANTENNA HEIGHT: 15.0 m

POKMAR (06-12)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 19.7 km

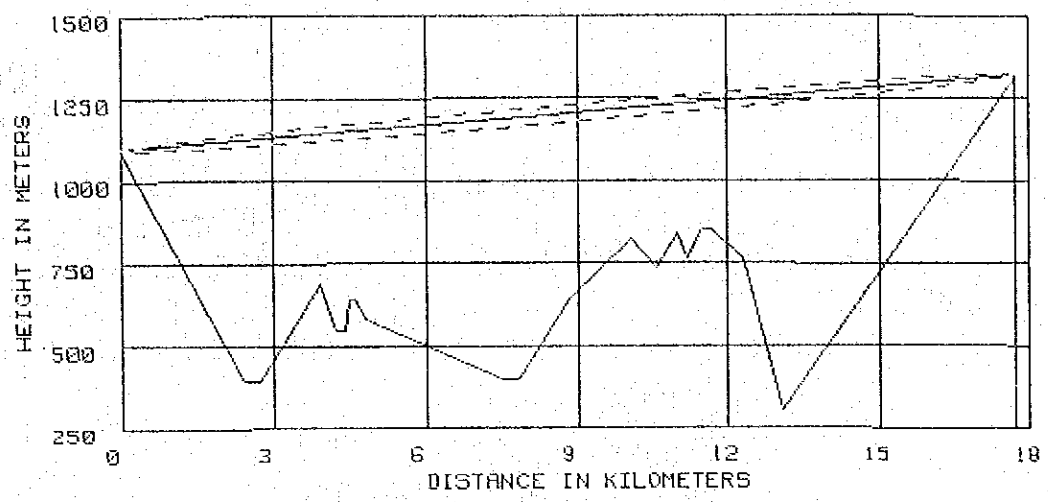
SITE 1 : POKHARA
GROUND ELEVATION: 887.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : MARJYANKOT
GROUND ELEVATION:1085.1 m
ANTENNA HEIGHT: 10.0 m

MARJIT (06-13)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 17.7 km

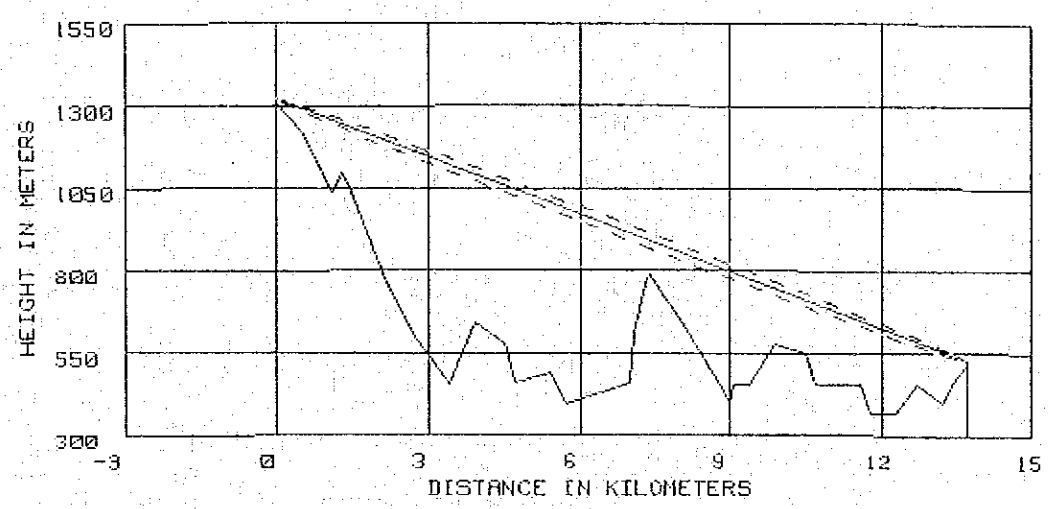
SITE 1 : MARJYANKOT
GROUND ELEVATION: 1085.1 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : JITAKOT
GROUND ELEVATION: 1310.6 m
ANTENNA HEIGHT: 10.0 m

JITSAN (06-14)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 13.7 km

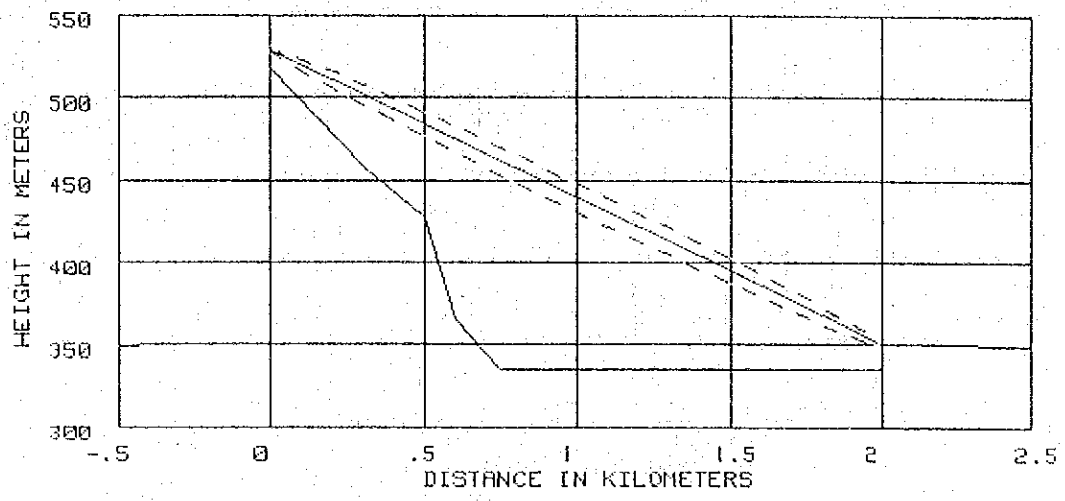
SITE 1 : JITAKOT
GROUND ELEVATION: 1310.6 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : SANKHAR
GROUND ELEVATION: 510.2 m
ANTENNA HEIGHT: 10.0 m

SANDAM (06-15)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 2 km

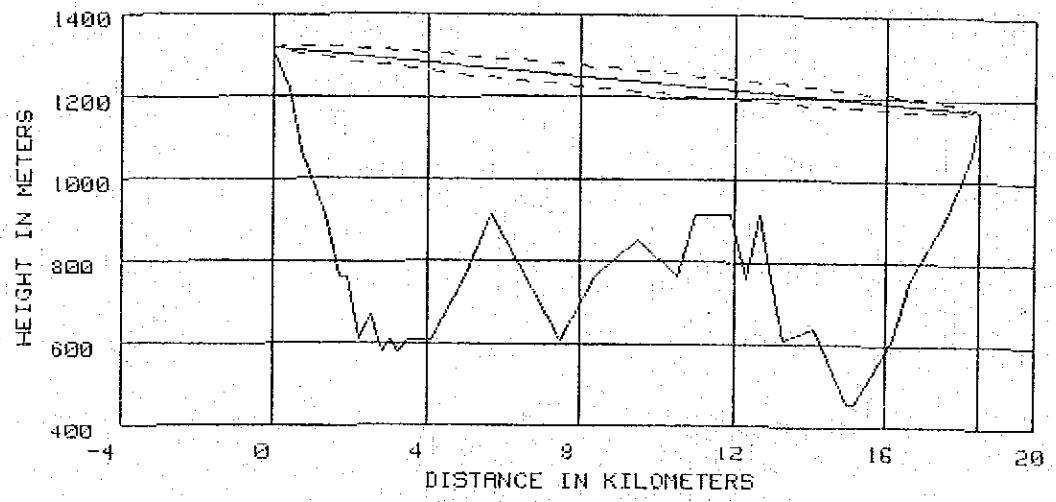
SITE 1 : SANKHAR
GROUND ELEVATION: 510.2 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : DAMAULI
GROUND ELEVATION: 335.3 m
ANTENNA HEIGHT: 15.0 m

JITBAN (06-16)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 18.5 km

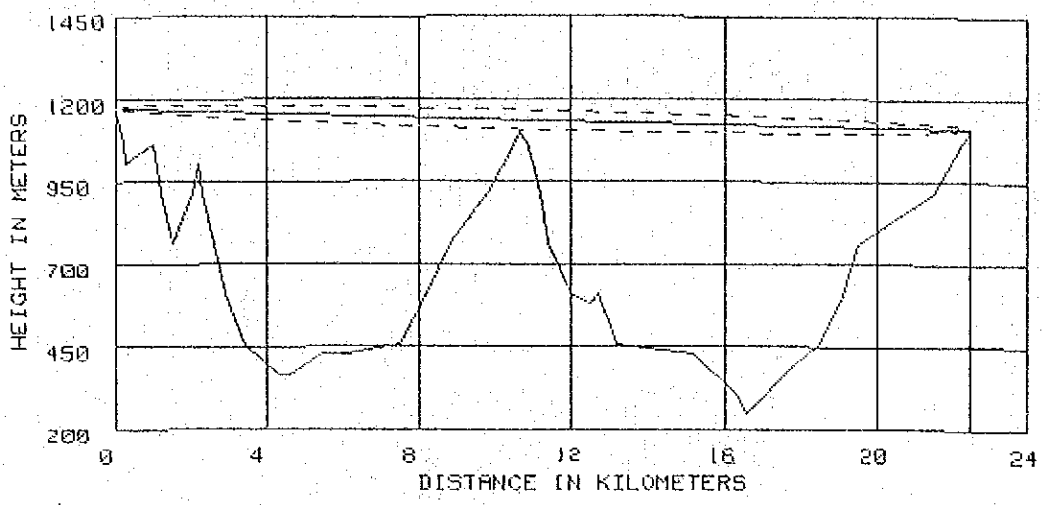
SITE 1 : JITAKOT
GROUND ELEVATION: 1310.6 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BANDIPUR
GROUND ELEVATION: 1158.2 m
ANTENNA HEIGHT: 15.0 m

BANGOR (06-17)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 22.5 km

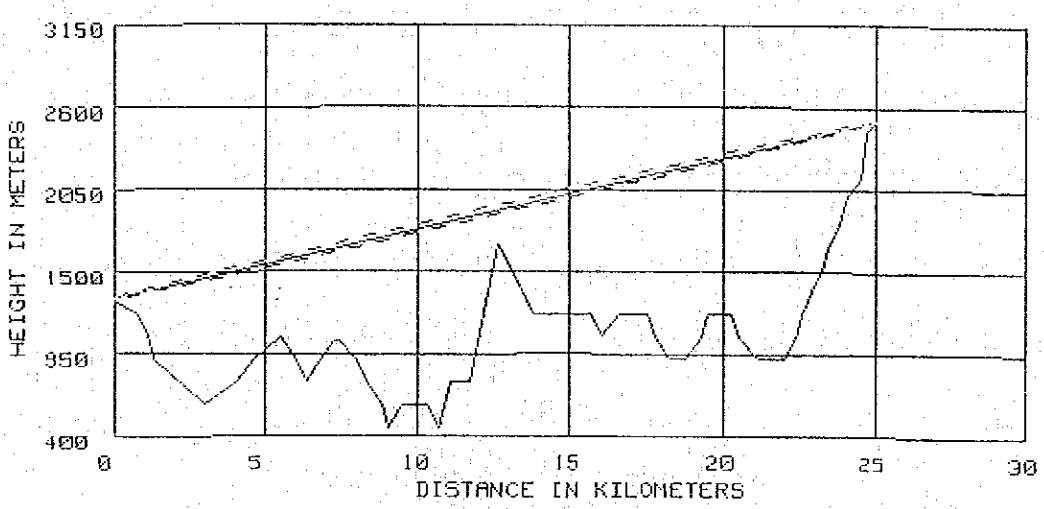
SITE 1 : BANDIPUR
GROUND ELEVATION: 1158.2 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : GORKHA
GROUND ELEVATION: 1097.3 m
ANTENNA HEIGHT: 15.0 m

JITGHA (06-18)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 25 km

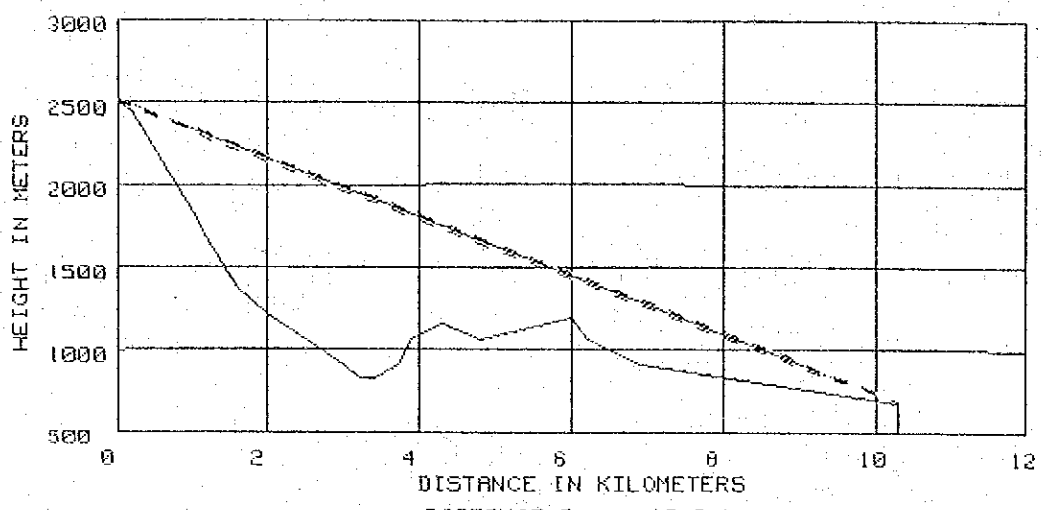
SITE 1 : JITAKOT
GROUND ELEVATION: 1310.6 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : GHALEGAON
GROUND ELEVATION: 2499.4 m
ANTENNA HEIGHT: 10.0 m

GHABES (06-19)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 10.3 km

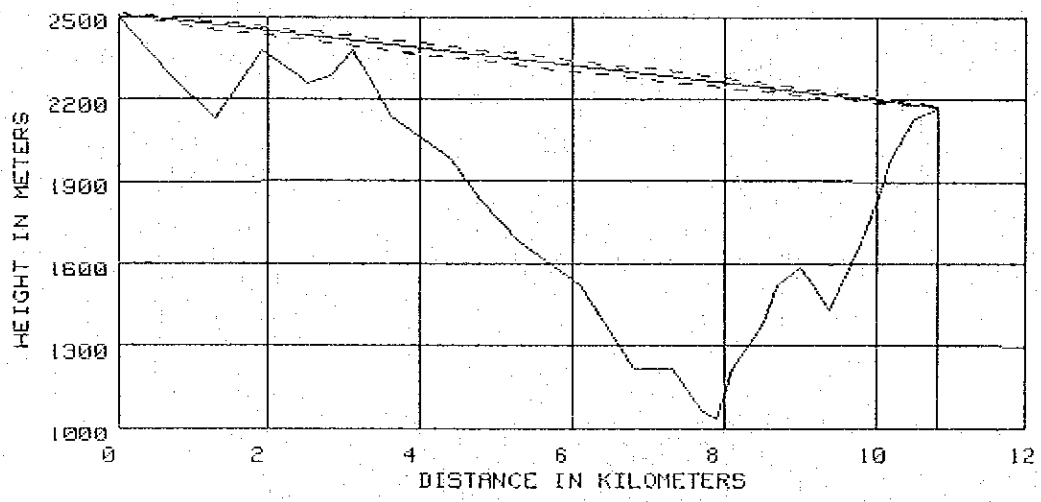
SITE 1 : GHALEGAON
GROUND ELEVATION:2499.4 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BESISHAR
GROUND ELEVATION: 870.6 m
ANTENNA HEIGHT: 15.0 m

GHACHA (06-20)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 10.8 km

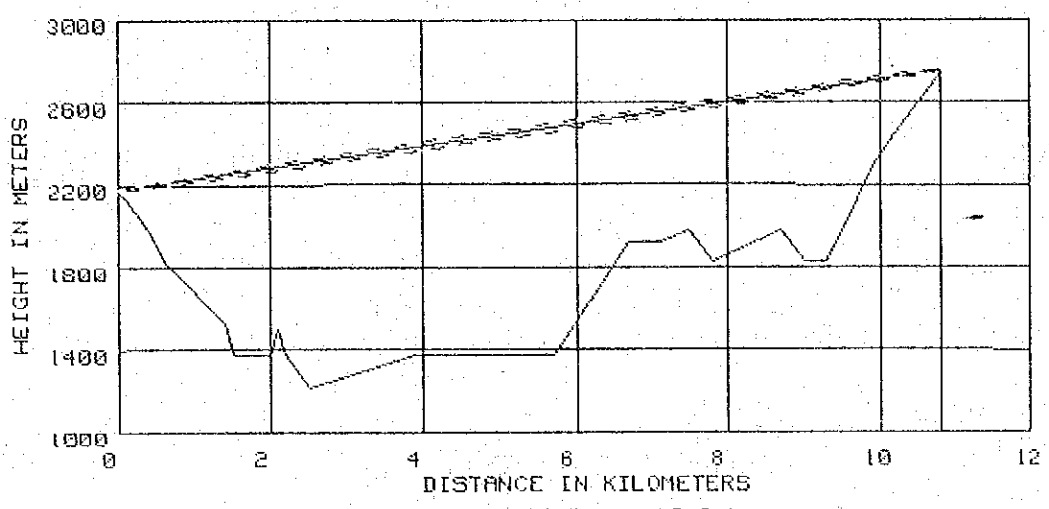
SITE 1 : GHALEGAON
GROUND ELEVATION:2499.4 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : CHHIJU
GROUND ELEVATION:2164.1 m
ANTENNA HEIGHT: 10.0 m

CHHTHO (06-21)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 10.8 km

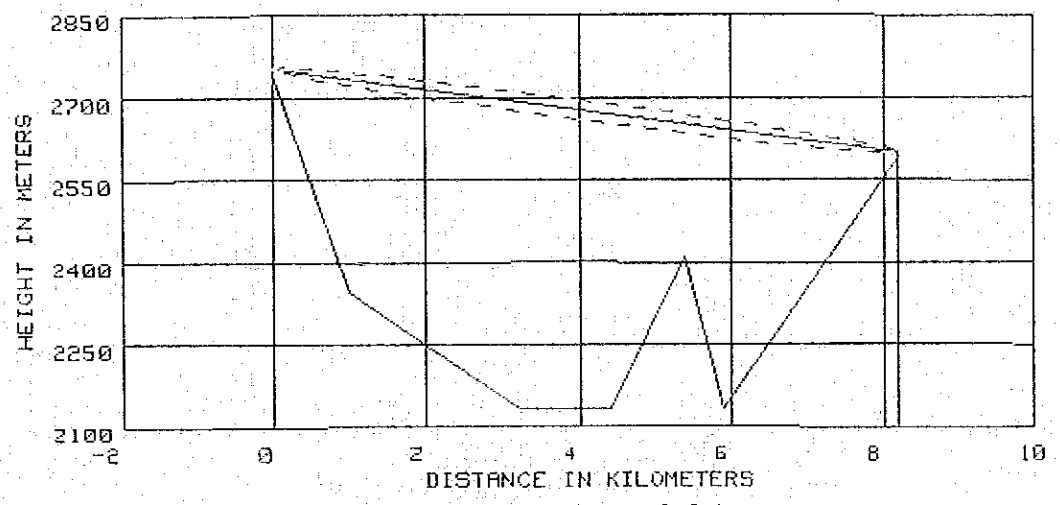
SITE 1 : CHHIJU
GROUND ELEVATION:2164.1 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : THONJE
GROUND ELEVATION:2743.2 m
ANTENNA HEIGHT: 10.0 m

THOBA (06-22)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 8.2 km

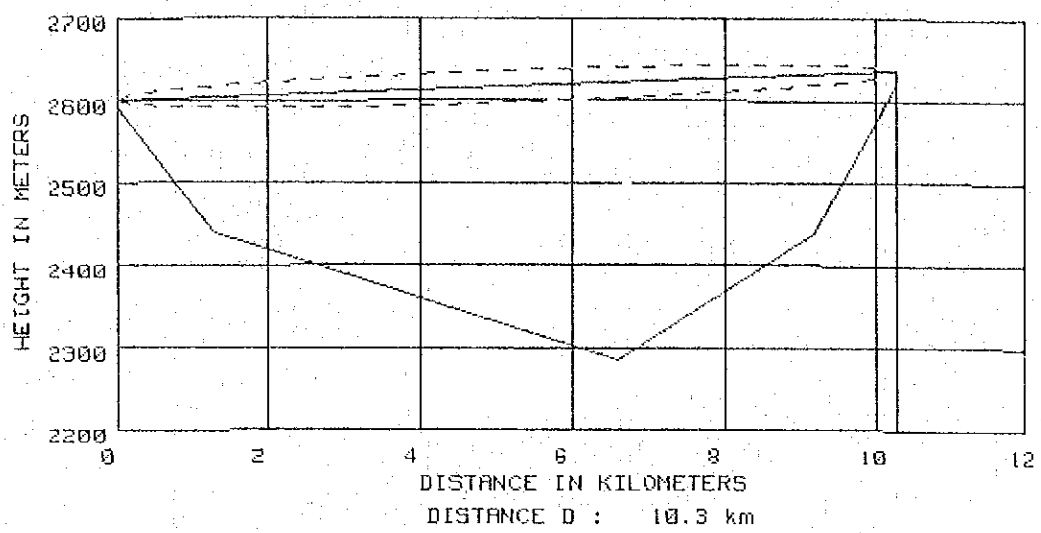
SITE 1 : THONJE
GROUND ELEVATION:2743.2 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BAGARCHHAP
GROUND ELEVATION:2590.8 m
ANTENNA HEIGHT: 10.0 m

BAGCH (06-23)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 10.3 km

SITE 1 : BAGARCHHAP	SITE 2 : CHAME
GROUND ELEVATION:2590.0 m	GROUND ELEVATION:2621.3 m
ANTENNA HEIGHT: 10.0 m	ANTENNA HEIGHT: 15.0 m

Elevation and Coordinates of Station Site (07 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	BHAIRAHWA	107	83°27′17"E	27°30′27"N
2	PARASI	111	83°39′51"E	27°31′55"N
3	TRIBENI	122	83°55′49"E	27°27′12"N
4	JAITLUNG	1600	83°30′23"E	27°47′10"N
5	GULMI RS	1920	83°15′33"E	28°03′36"N
6	GULMI TAMGHAS	1585	83°15′08"E	28°03′59"N
7	SHANDHIKHARKHA	1341	83°06′12"E	27°57′03"N

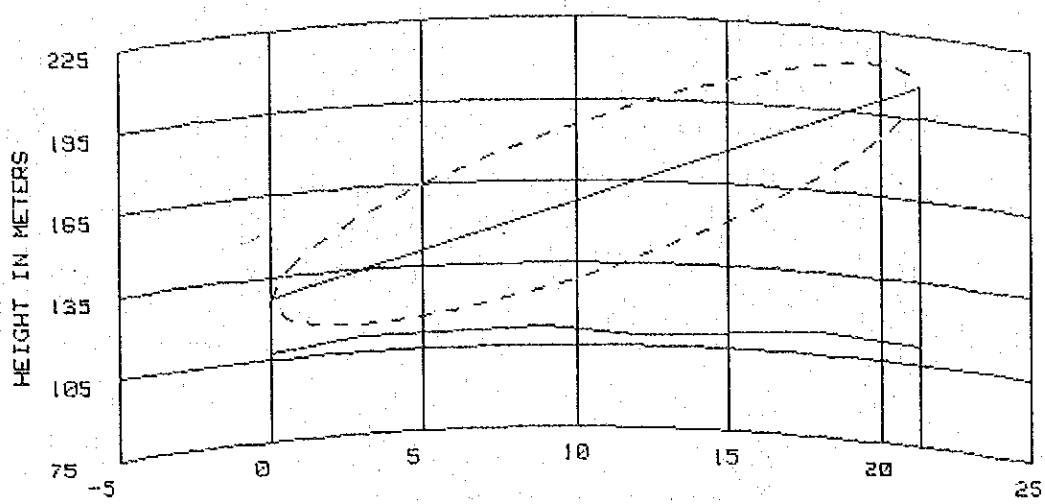
Path Profile Maps (07 Area)

1	Bhairahwa	-	Parasi
2	Parasi	-	Tribeni
3	Bhairahwa	-	Jaitlung (Covered by another project)
4	Jaitlung	-	Gulmi R.S.
5	Gulmi R.S.	-	Gulmi Tamghas
6	Gulmi R.S.	-	Shandhikharkha

BHAPAR (07-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 21.3 km

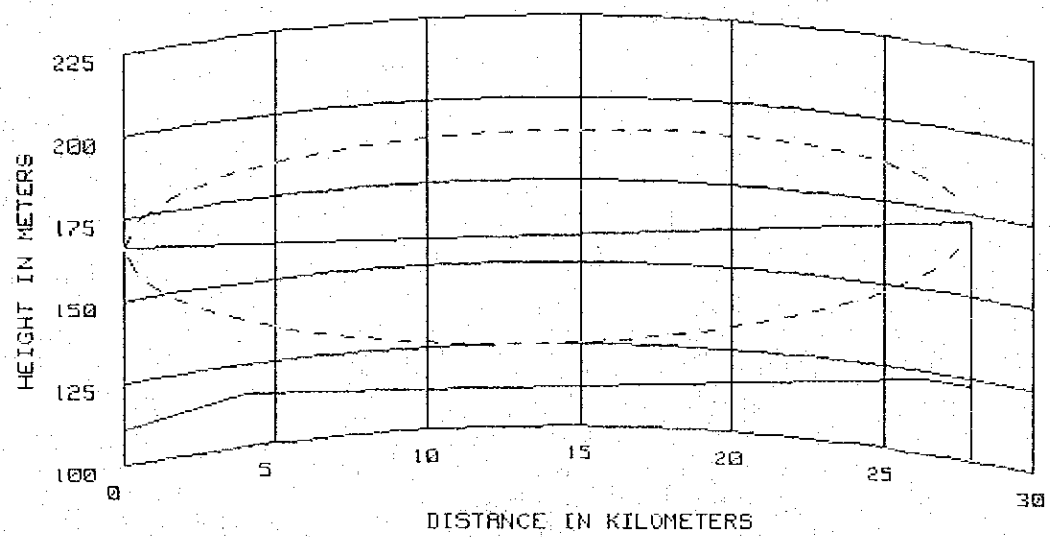
SITE 1 : BHAIRAHWA
GROUND ELEVATION: 107.0 m
ANTENNA HEIGHT: 20.0 m

SITE 2 : PARASI
GROUND ELEVATION: 111.0 m
ANTENNA HEIGHT: 95.0 m

PARTRI (07-2)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 27.9 km

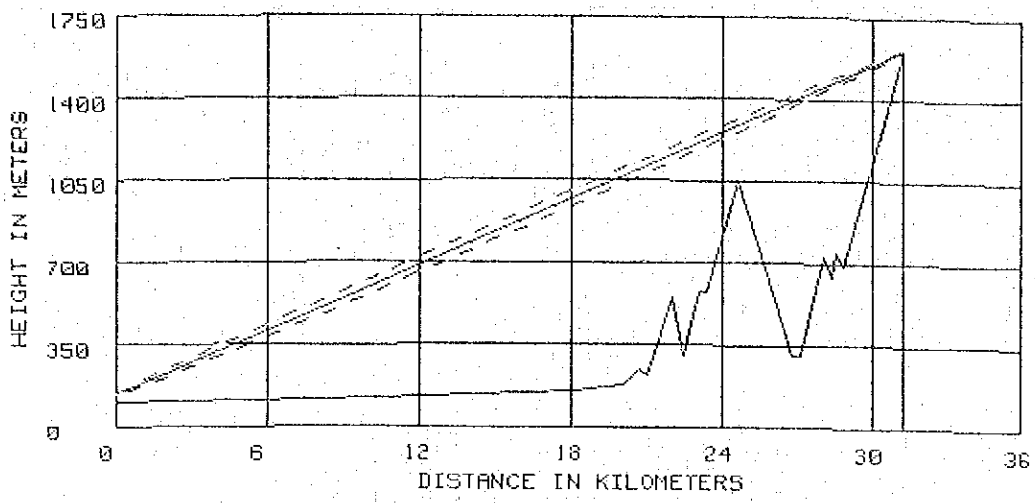
SITE 1 : PARASI
GROUND ELEVATION: 111.0 m
ANTENNA HEIGHT: 55.0 m

SITE 2 : TRIBENI
GROUND ELEVATION: 122.0 m
ANTENNA HEIGHT: 50.0 m

BHAJAI (07-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 31.3 km

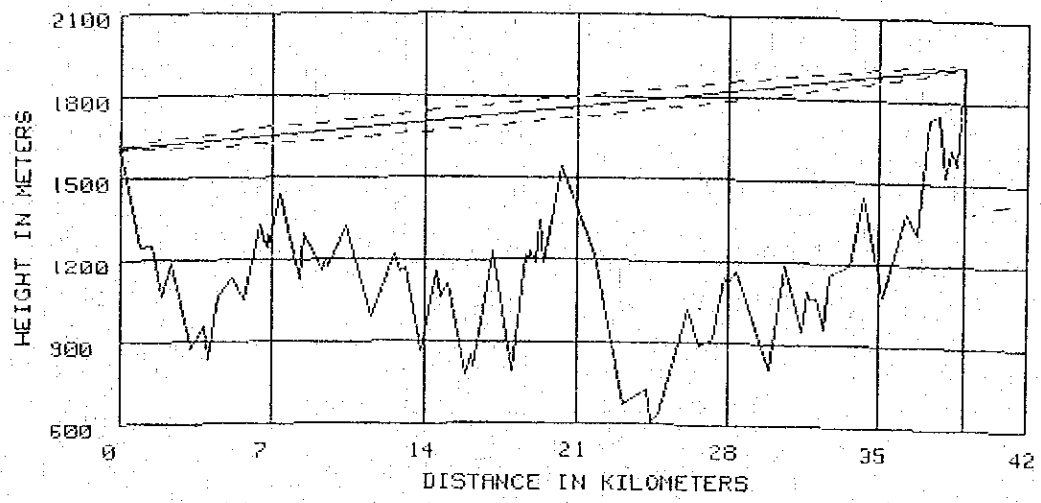
SITE 1 : BHAIRAHWA
GROUND ELEVATION: 106.7 m
ANTENNA HEIGHT: 30.0 m
(Covered by another project)

SITE 2 : JAITLUNG
GROUND ELEVATION: 1600.2 m
ANTENNA HEIGHT: 10.0 m

JAIGUL (07-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 39 km

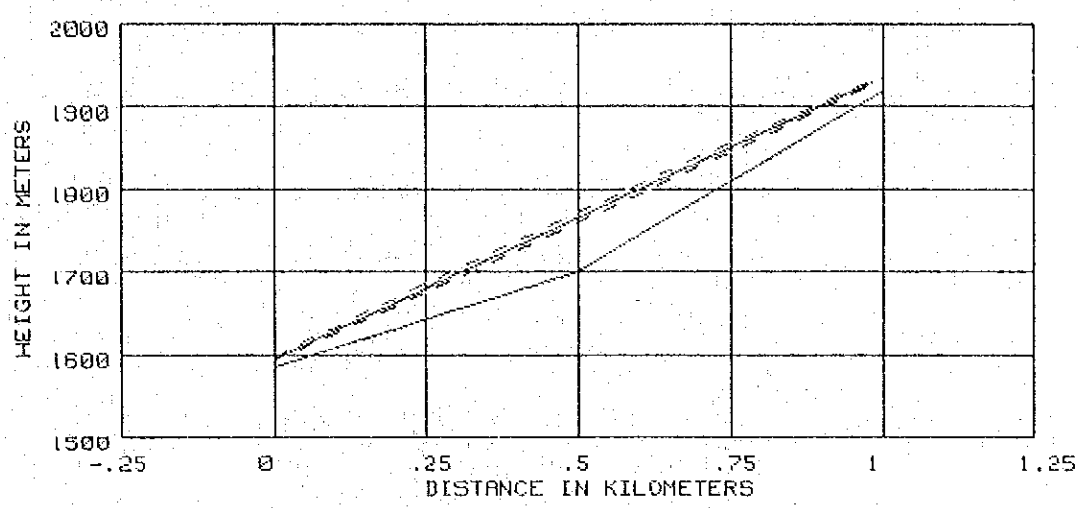
SITE 1 : JAITLUNG
GROUND ELEVATION: 1600.2 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : GULMI R.S.
GROUND ELEVATION: 1920.2 m
ANTENNA HEIGHT: 10.0 m

TAMTAN (07-5)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 1 km

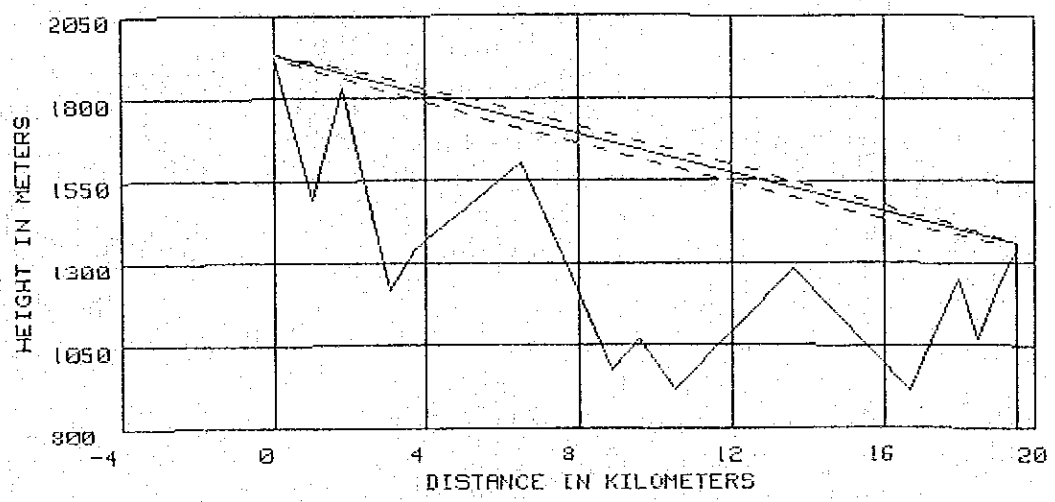
SITE 1 : GULMI R.S.
GROUND ELEVATION: 1585.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : GULMI TAMGHAS
GROUND ELEVATION: 1920.0 m
ANTENNA HEIGHT: 15.0 m

TAMSAN (07-6)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 19.5 km

SITE 1 : GULMI R.S.
GROUND ELEVATION: 1920.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : SHANDHIKHARKHA
GROUND ELEVATION: 1341.0 m
ANTENNA HEIGHT: 15.0 m

Elevation and Coordinates of Station Site (08 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	NEPALGUNJ	183	81°37′03"E	28°03′08"N
2	GULARIA	146	81°20′39"E	28°12′10"N
3	RAJAPUR	152	81°05′21"E	28°25′52"N
4	CHAMERE	1297	81°43′29"E	28°23′22"N
5	RAMIMATTA	2134	81°37′09"E	28°41′23"N
6	DAILEKH	1402	81°42′40"E	28°50′17"N
7	MABU PEAK	3536	81°45′29"E	29°00′52"N
8	LUPRU	2377	81°46′50"E	29°07′41"N
9	KALIKOT	1524	81°41′22"E	29°06′00"N
10	GHONHORE	3261	81°57′05"E	29°11′11"N
11	MALABHIR	2774	82°10′15"E	29°16′46"N
12	JUMLA	2347	82°11′05"E	29°16′28"N
13	RAJHAKOT	1156	82°11′01"E	28°02′03"N
14	TULSIPUR	671	82°17′56"E	28°08′02"N
15	GHORAHI	677	82°29′18"E	28°02′44"N
16	CHAUPATTA	823	82°30′20"E	27°56′35"N
17	GADHAWA	250	82°31′59"E	27°48′53"N
18	R.S.(2400 FEET)	732	82°30′43"E	27°43′28"N
19	KOILABAS	229	82°31′54"E	27°41′32"N
20	BALLE	1951	82°17′45"E	28°14′47"N
21	SALYAN	1494	82°09′40"E	28°22′28"N
22	KUMAR	2530	82°12′09"E	28°29′14"N
23	KHAGO	1871	82°15′40"E	28°40′39"N
24	JAJARKOT	1158	82°12′30"E	28°41′56"N
25	MUSIKOT	1402	82°27′16"E	28°42′41"N
26	SAMRI	1951	82°30′24"E	28°13′15"N
27	PYUTHAN	1280	82°53′06"E	28°05′31"N
28	DHARBAN	2012	82°39′46"E	28°16′28"N
29	LIBANGGAON	1311	82°38′27"E	28°18′18"N

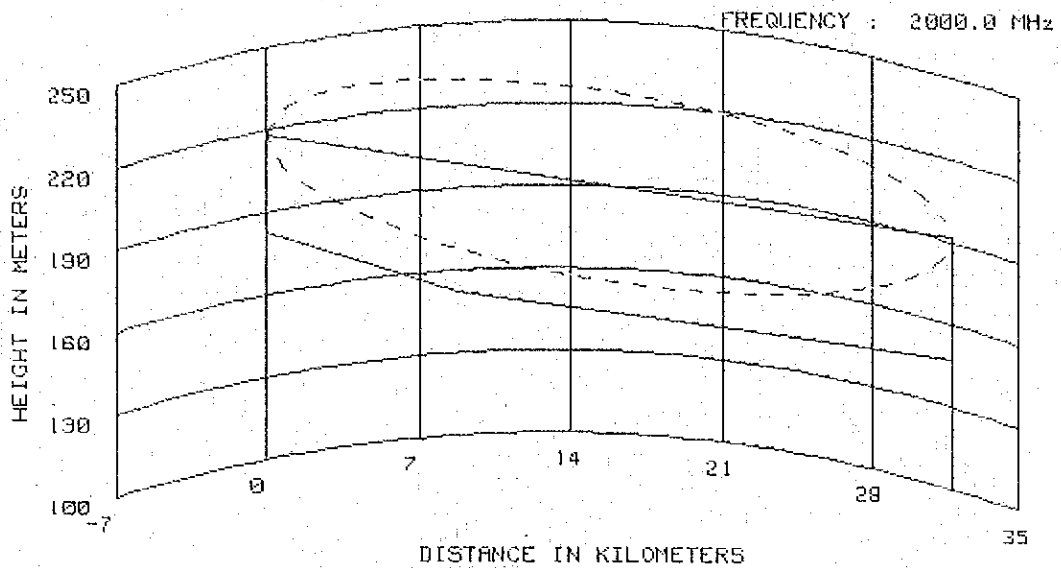
Path Profile Maps (08 Area)

1	Nepalgunj	-	Gularia
2	Gularia	-	Rajapur
3	Nepalgunj	-	Chamere
4	Ramimatta	-	Chamere
5	Dailekh	-	Ramimatta
6	Dailekh	-	Mabu Peak
7	Mabu Peak	-	Lupru
8	Lupru	-	Kailikot
9	Lupru	-	Ghonhore
10	Ghonhore	-	Malabhir
11	Malabhir	-	Jumla
12	Nepalgunj	-	Rajhakot
13	Rajhakot	-	Tulsipur
14	Tulsipur	-	Ghorahi
15	Ghorahi	-	Chaupatta
16	Chaupatta	-	Gadhawa
17	Gadhawa	-	R.S. (2400F)
18	R.S. (2400F)	-	Koilabas
19	Tulsipur	-	Balle
20	Balle	-	Salyan
21	Salyan	-	Kumar
22	Kumar	-	Khago
23	Khago	-	Jajarkot
24	Khago	-	Musikot
25	Balle	-	Samri
26	Samri	-	Pyuthan
27	Samri	-	Dharban
28	Dharban	-	Libanggaon

NEPGUL (08-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 31.8 km

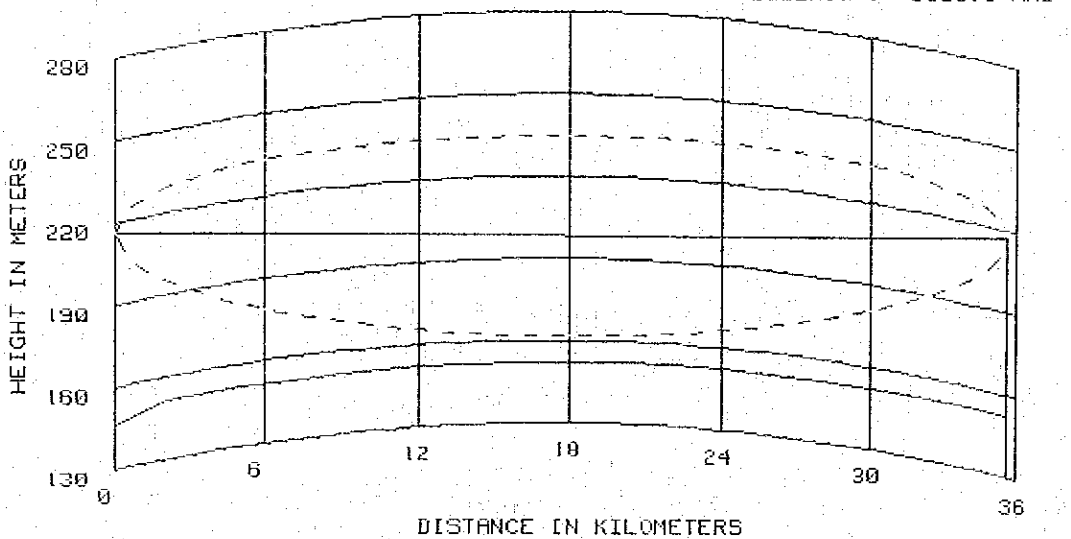
SITE 1 : NEPALGUNJ
GROUND ELEVATION: 182.9 m
ANTENNA HEIGHT: 35.0 m

SITE 2 : GULARIA
GROUND ELEVATION: 146.3 m
ANTENNA HEIGHT: 45.0 m

GULRAJ (08-2)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 35.6 km

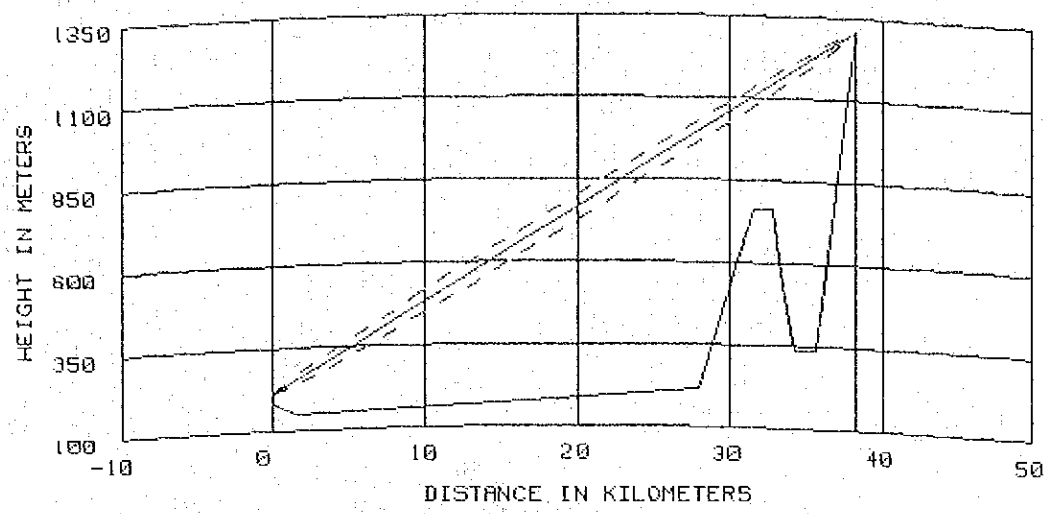
SITE 1 : GULARIA
GROUND ELEVATION: 146.3 m
ANTENNA HEIGHT: 70.0 m

SITE 2 : RAJAPUR
GROUND ELEVATION: 152.0 m
ANTENNA HEIGHT: 65.0 m

NEPCHA (08-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 38.3 km

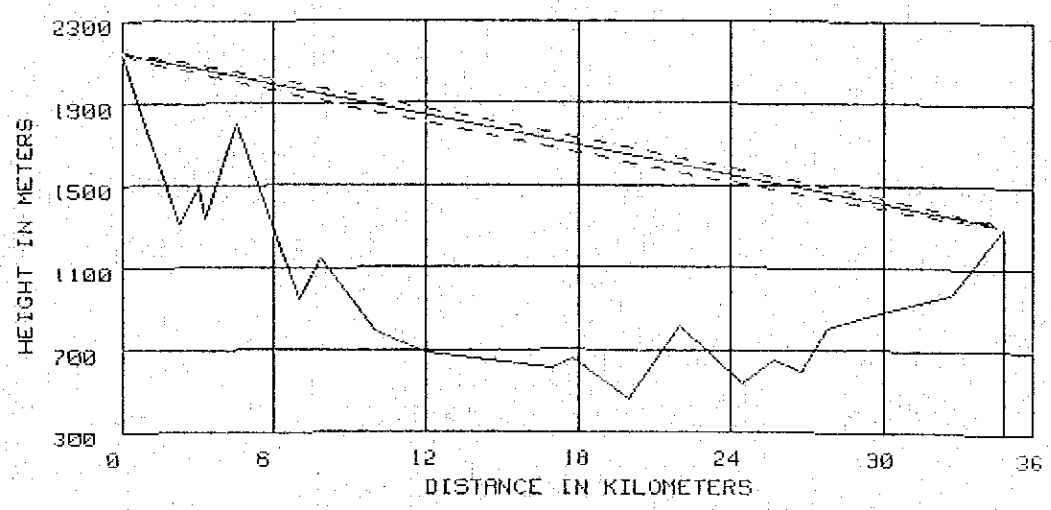
SITE 1 : NEPALGUNJ
GROUND ELEVATION: 182.9 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : CHAMERE
GROUND ELEVATION: 1297.2 m
ANTENNA HEIGHT: 10.0 m

RAMCHA (08-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 34.8 km

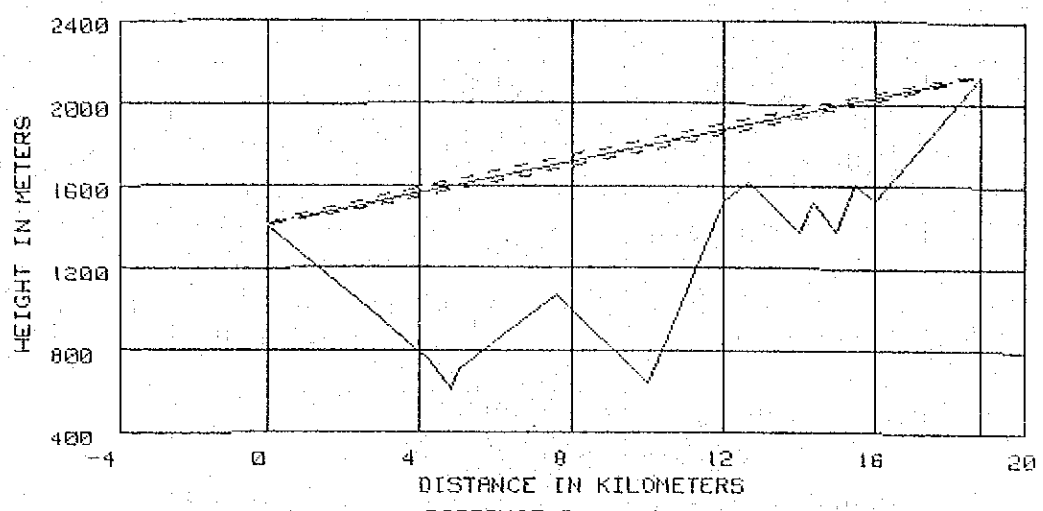
SITE 1 : RAMINATTA
GROUND ELEVATION: 2134.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : CHAMERE
GROUND ELEVATION: 1297.2 m
ANTENNA HEIGHT: 10.0 m

DAIRAM (08-5)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 18.8 km

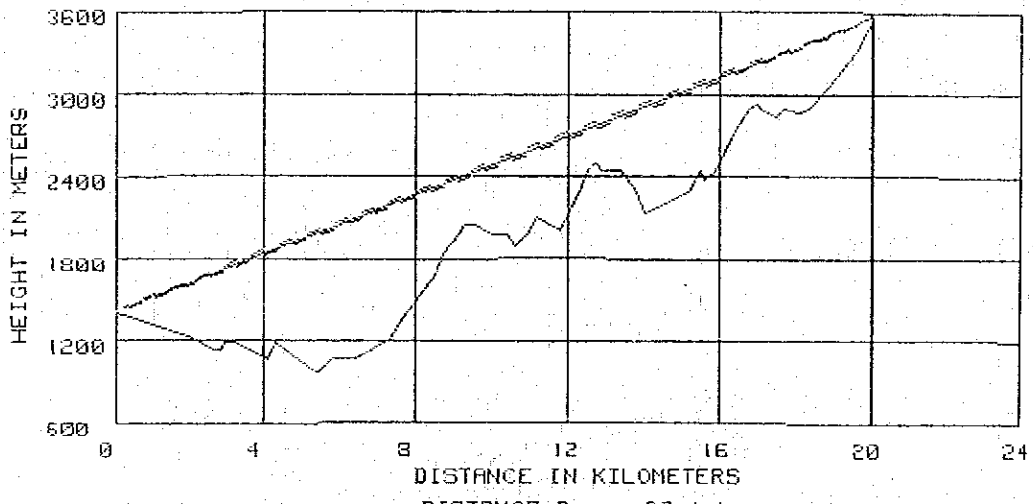
SITE 1 : DAILEKH
GROUND ELEVATION: 1402.1 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : RAMIMATTA
GROUND ELEVATION: 2134.0 m
ANTENNA HEIGHT: 10.0 m

DALMAB (08-6)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 20.1 km

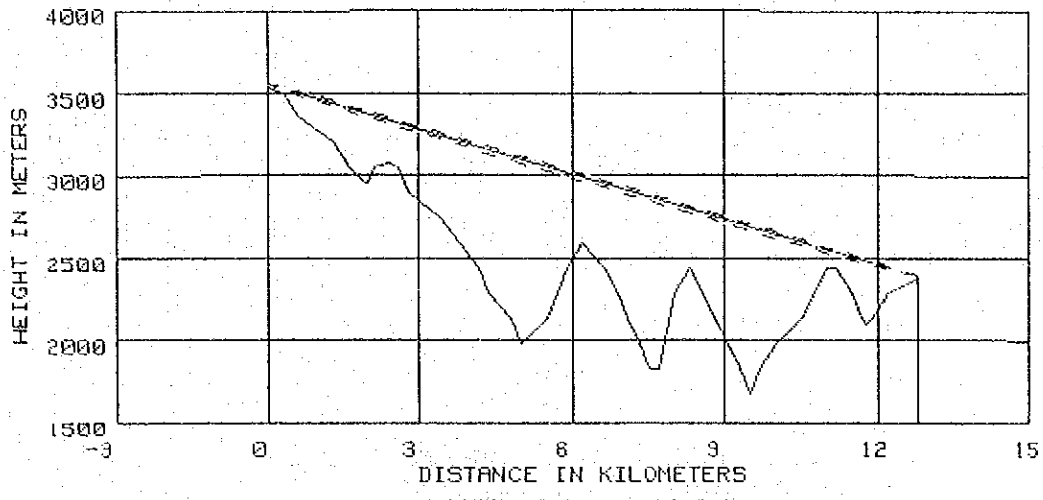
SITE 1 : DAILEKH
GROUND ELEVATION: 1402.1 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : MABU PEAK
GROUND ELEVATION: 3535.7 m
ANTENNA HEIGHT: 30.0 m

MABLUP (08-7)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 12.8 km

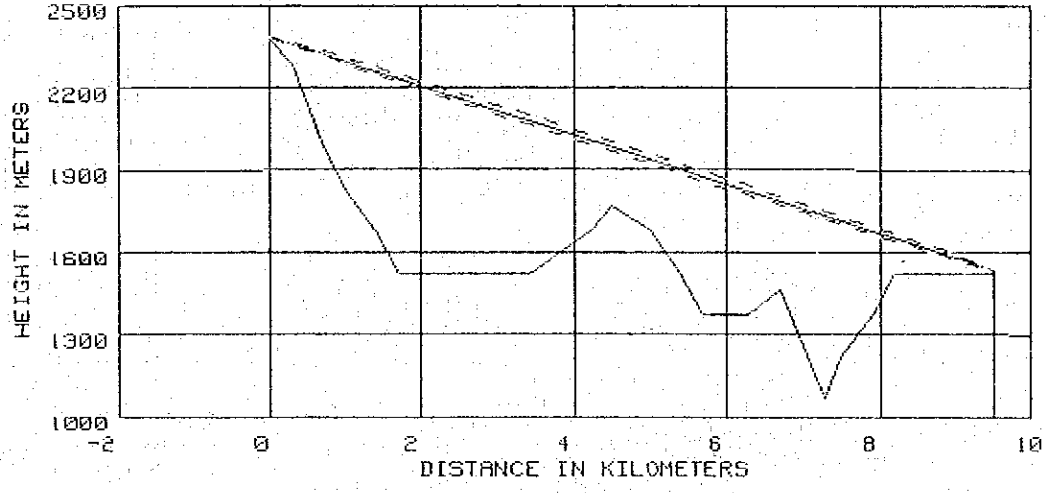
SITE 1 : MABU PEAK
GROUND ELEVATION:3535.7 m
ANTENNA HEIGHT: 20.0 m

SITE 2 : LUPRU
GROUND ELEVATION:2377.4 m
ANTENNA HEIGHT: 10.0 m

LUPKAL (08-8)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 9.5 km

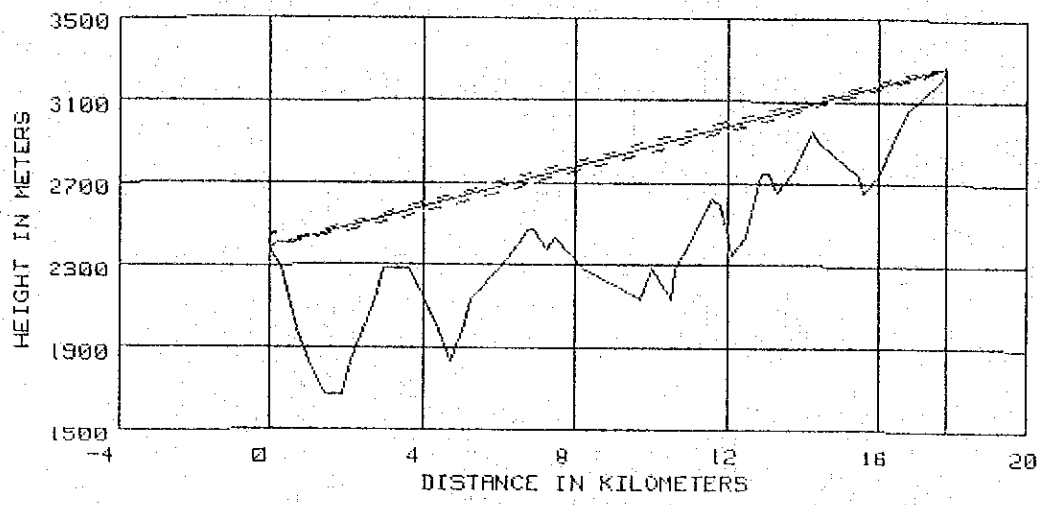
SITE 1 : LUPRU
GROUND ELEVATION:2377.4 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : KALIKOT
GROUND ELEVATION:1524.0 m
ANTENNA HEIGHT: 15.0 m

LUPGHO (08-9)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 17.9 km

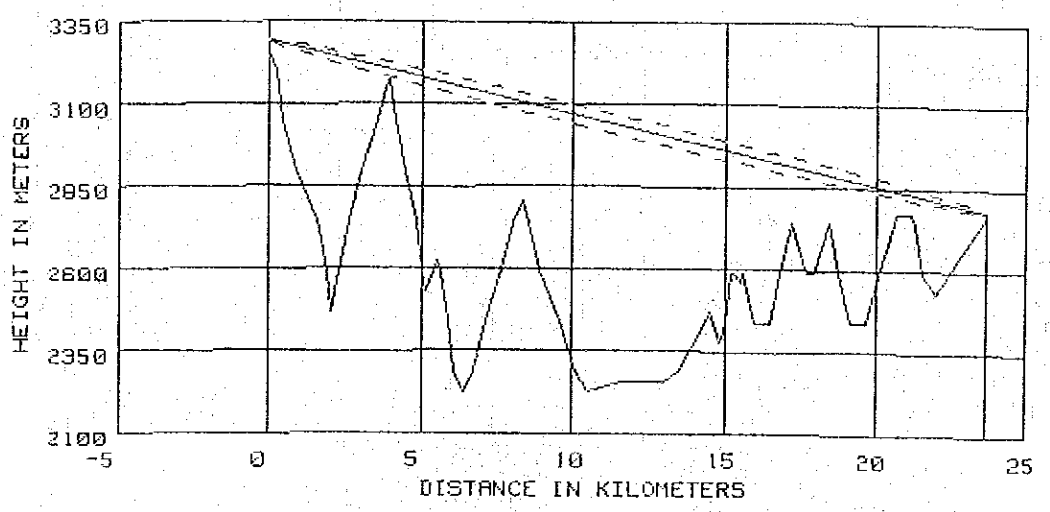
SITE 1 : LUPRU
GROUND ELEVATION:2377.4 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : GHONHORE
GROUND ELEVATION:3261.4 m
ANTENNA HEIGHT: 10.0 m

GHOMAL (08-10)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 23.7 km

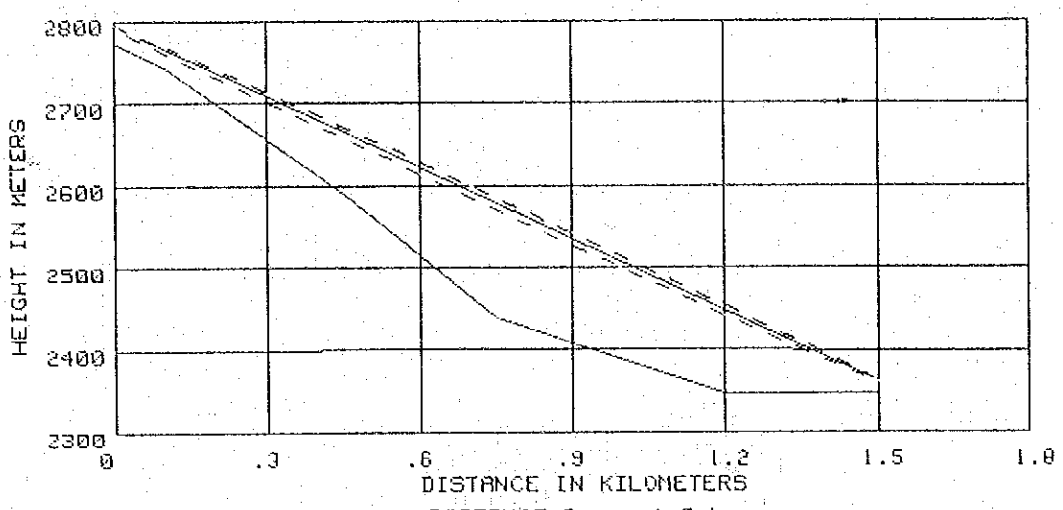
SITE 1 : GHONHORE
GROUND ELEVATION:3261.4 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : MALABHIR
GROUND ELEVATION:2773.7 m
ANTENNA HEIGHT: 10.0 m

NALJUM (08-11)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 1.5 km

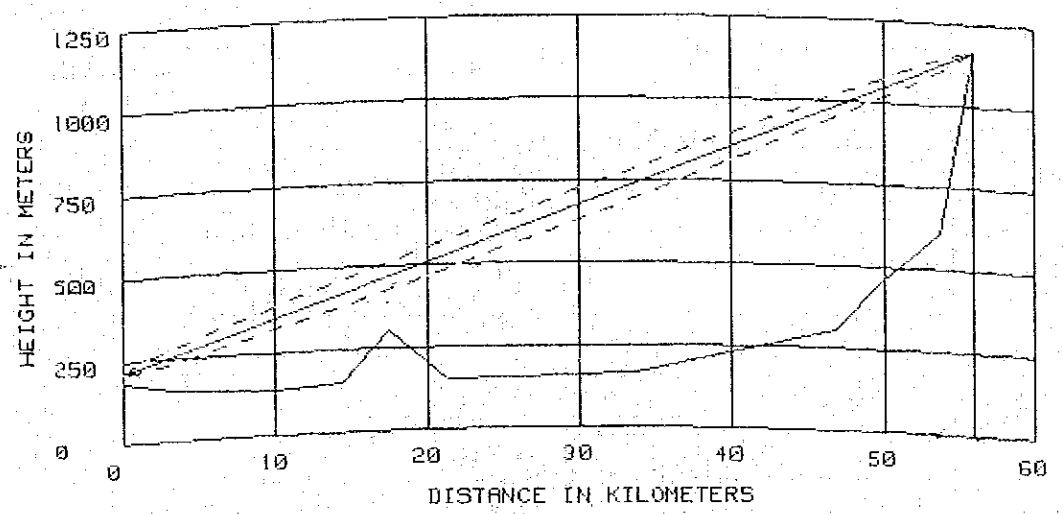
SITE 1 : MALABHIR
GROUND ELEVATION: 2773.7 m
ANTENNA HEIGHT: 20.0 m

SITE 2 : JUMLA
GROUND ELEVATION: 2347.0 m
ANTENNA HEIGHT: 15.0 m

NEPRAJ (08-12)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 56 km

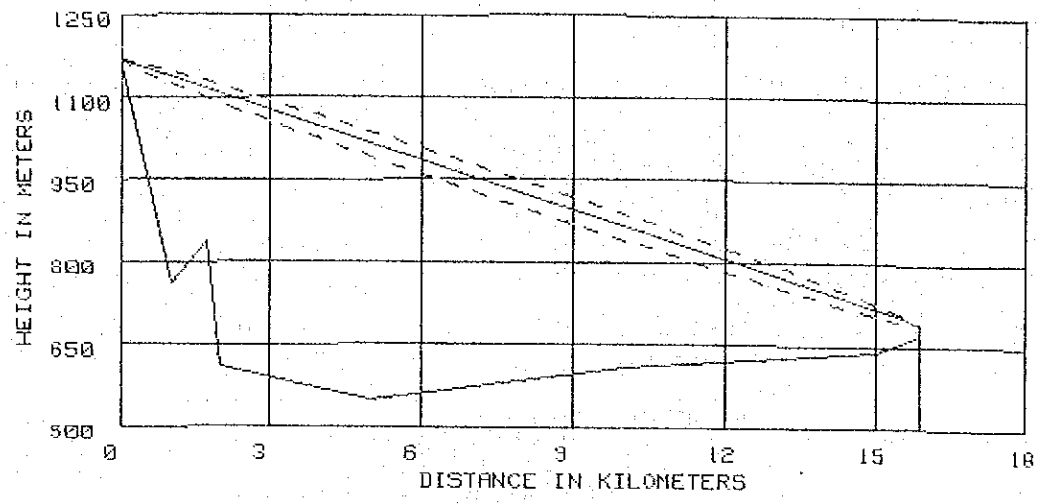
SITE 1 : NEPALGUNJ
GROUND ELEVATION: 182.9 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : RAJHAKOT
GROUND ELEVATION: 1156.1 m
ANTENNA HEIGHT: 10.0 m

RAJTUL (08-13)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 15.9 km

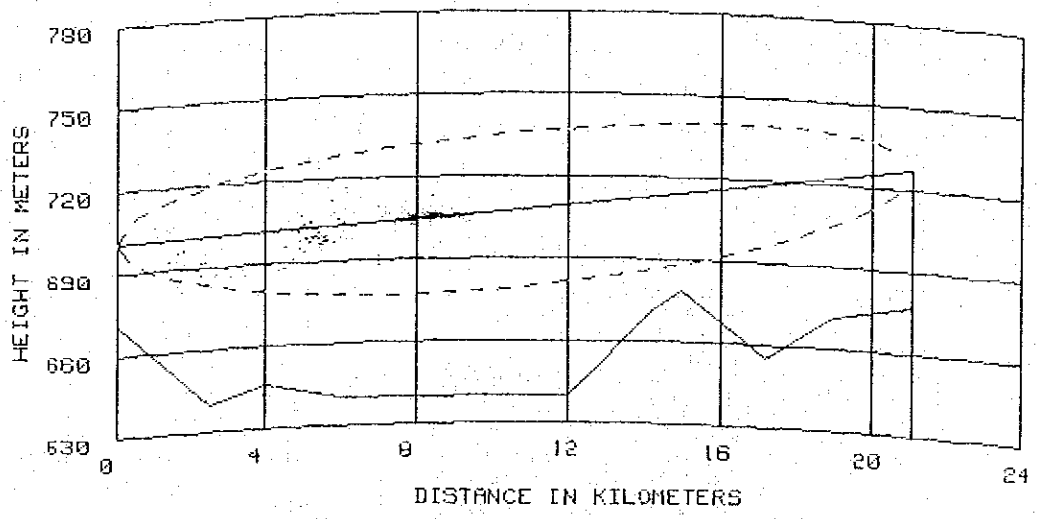
SITE 1 : RAJHAKOT
GROUND ELEVATION: 1156.1 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : TULSIPUR
GROUND ELEVATION: 671.0 m
ANTENNA HEIGHT: 20.0 m

TULGHO (08-14)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 21.1 km

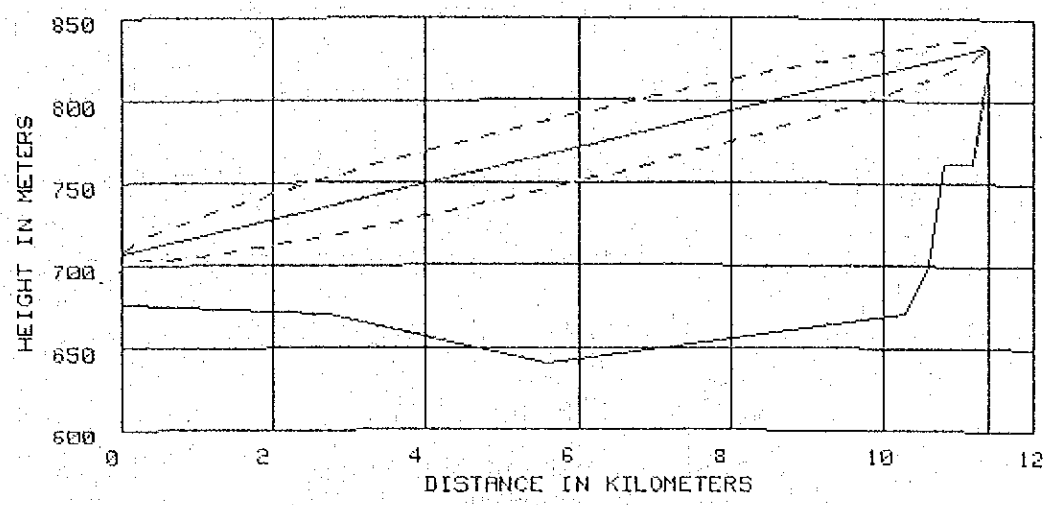
SITE 1 : TULSIPUR
GROUND ELEVATION: 671.0 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : GHORAHI
GROUND ELEVATION: 676.7 m
ANTENNA HEIGHT: 50.0 m

GHOCHA (08-15)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 11.4 km

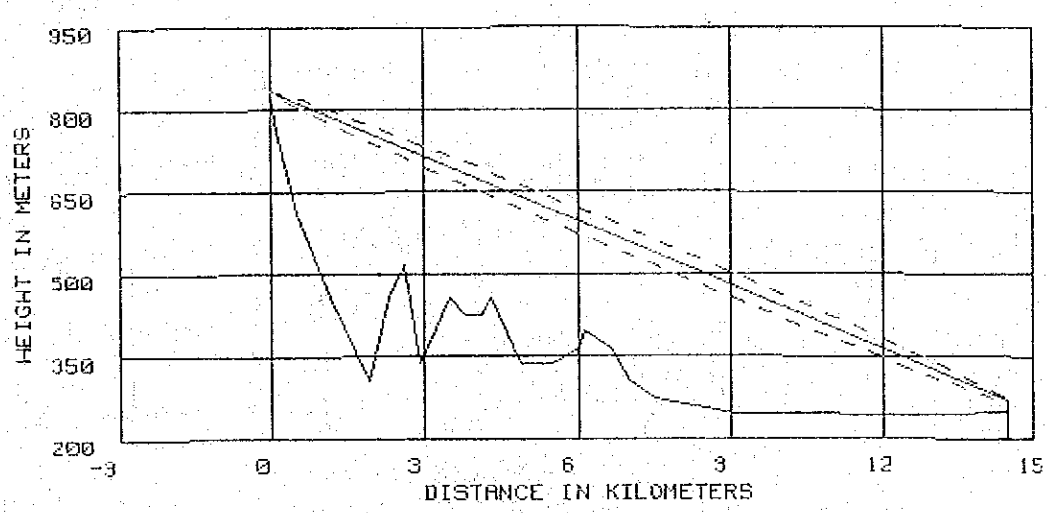
SITE 1 : GHORAHI
GROUND ELEVATION: 676.7 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : CHAUPATTA
GROUND ELEVATION: 823.0 m
ANTENNA HEIGHT: 10.0 m

CHAGAD (08-16)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 14.5 km

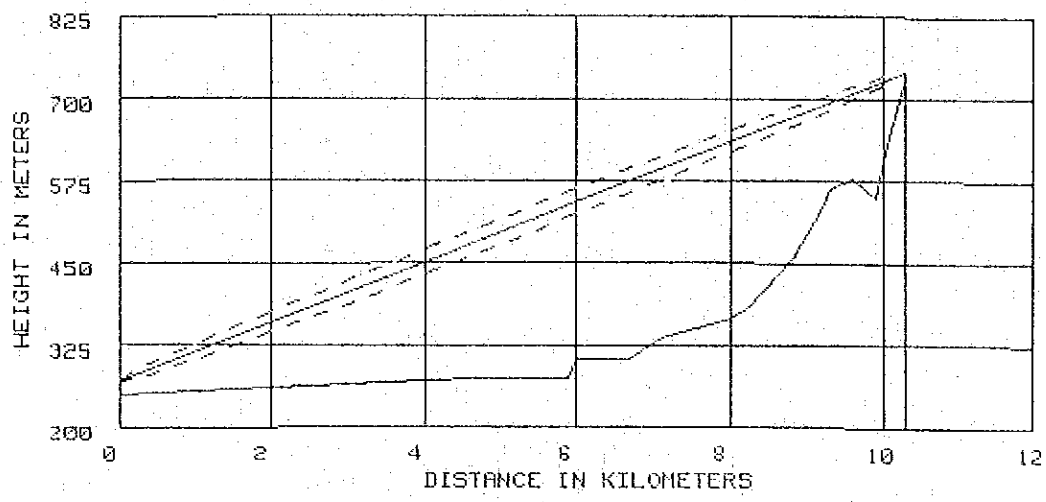
SITE 1 : CHAUPATTA
GROUND ELEVATION: 823.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : GADHAWA
GROUND ELEVATION: 249.9 m
ANTENNA HEIGHT: 20.0 m

GAD240 (08-17)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 10.3 km

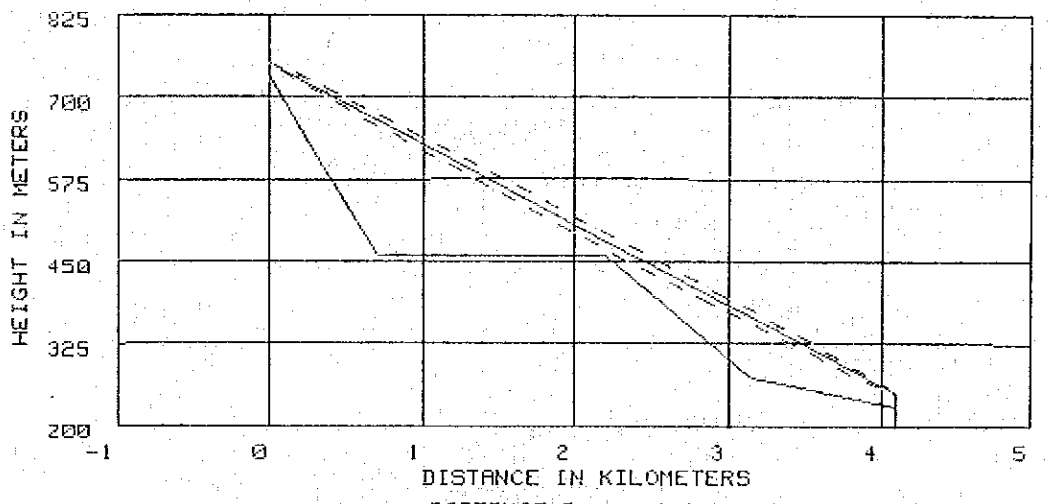
SITE 1 : GADHANA
GROUND ELEVATION: 249.9 m
ANTENNA HEIGHT: 20.0 m

SITE 2 : RS(2400F)
GROUND ELEVATION: 731.5 m
ANTENNA HEIGHT: 10.0 m

KOI240 (08-18)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 4.1 km

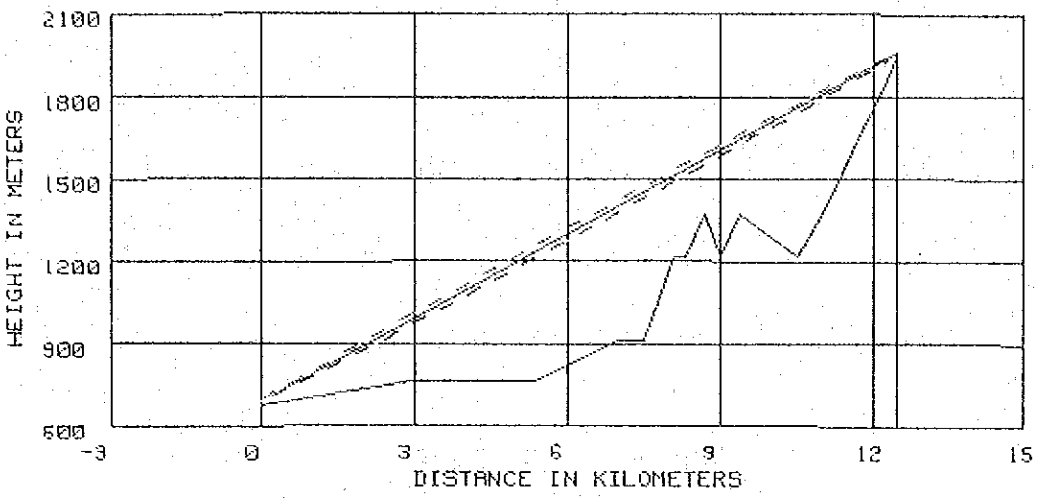
SITE 1 : RS(2400F)
GROUND ELEVATION: 731.5 m
ANTENNA HEIGHT: 20.0 m

SITE 2 : KOILABAS
GROUND ELEVATION: 220.6 m
ANTENNA HEIGHT: 20.0 m

TULBAL (08-19)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 12.5 km

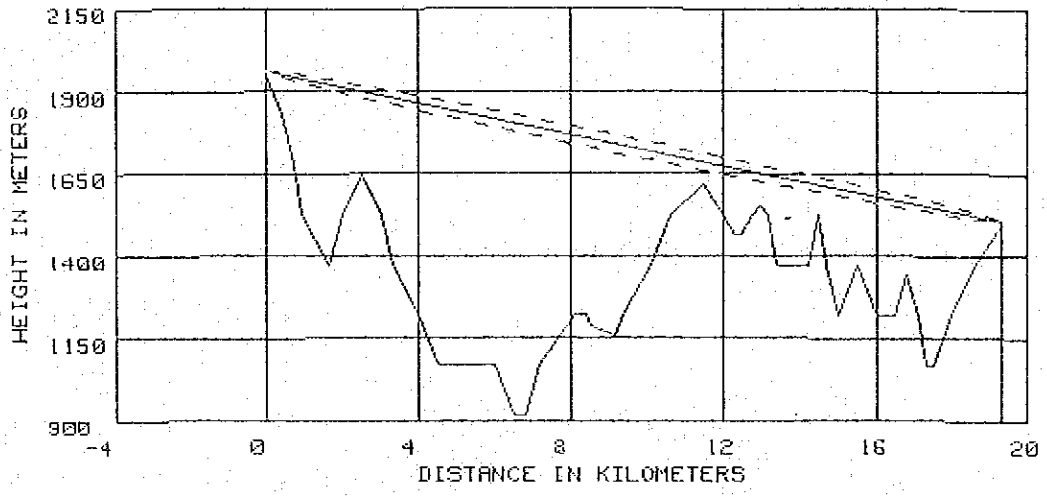
SITE 1 : TULSIPUR
GROUND ELEVATION: 671.0 m
ANTENNA HEIGHT: 20.0 m

SITE 2 : BALLE
GROUND ELEVATION: 1950.7 m
ANTENNA HEIGHT: 10.0 m

BALSAL (08-20)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 19.3 km

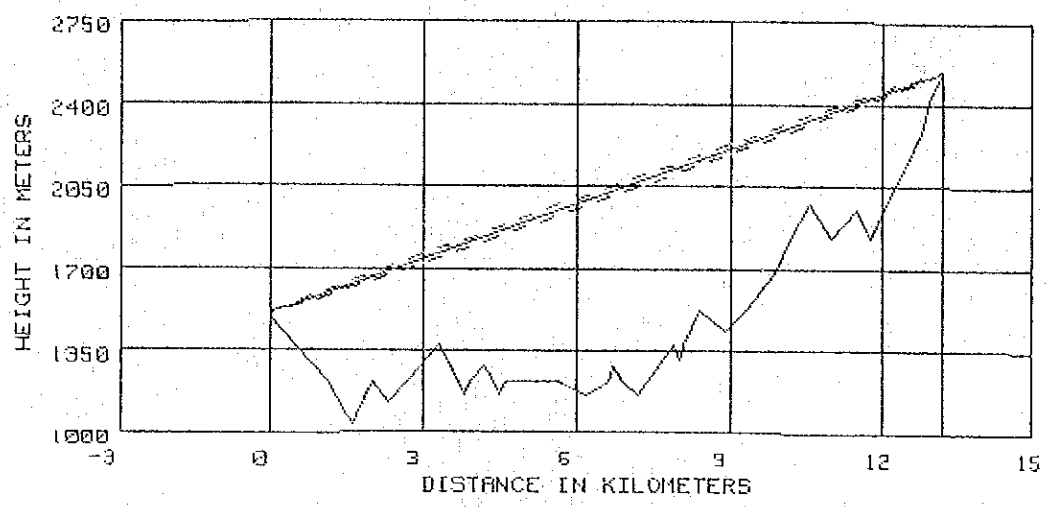
SITE 1 : BALLE
GROUND ELEVATION: 1950.7 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : SALYAN
GROUND ELEVATION: 1493.5 m
ANTENNA HEIGHT: 15.0 m

SALKUM (08-21)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 13.2 km

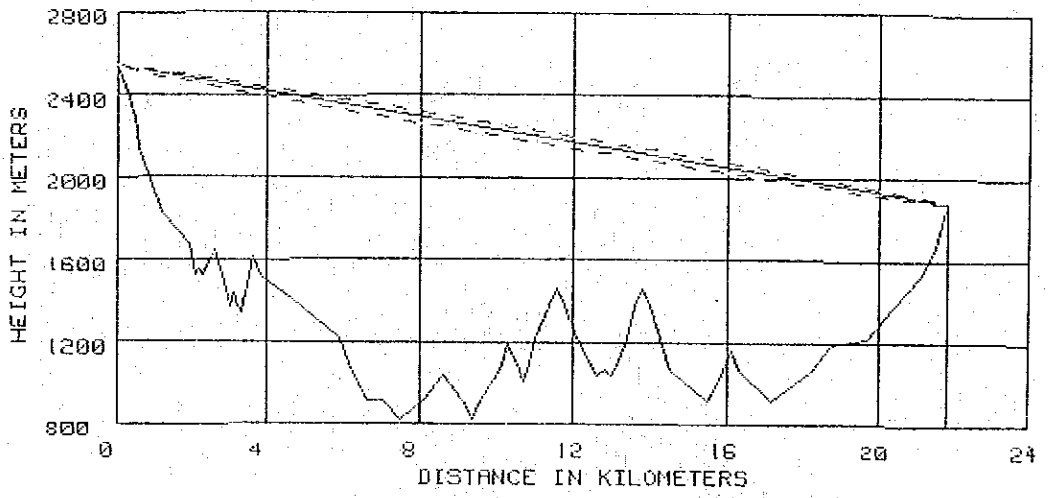
SITE 1 : SALYAN
GROUND ELEVATION: 1493.5 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : KUMAR
GROUND ELEVATION: 2529.8 m
ANTENNA HEIGHT: 10.0 m

KUMKHA (08-22)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 21.8 km

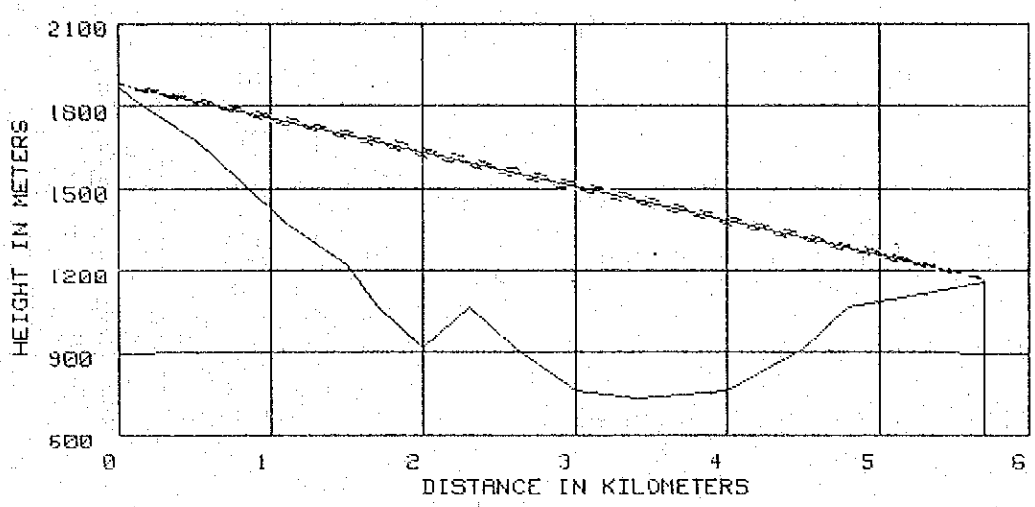
SITE 1 : KUMAR
GROUND ELEVATION: 2529.8 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : KHAGO
GROUND ELEVATION: 1871.5 m
ANTENNA HEIGHT: 10.0 m

KHAJAJ (08-23)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 5.7 km

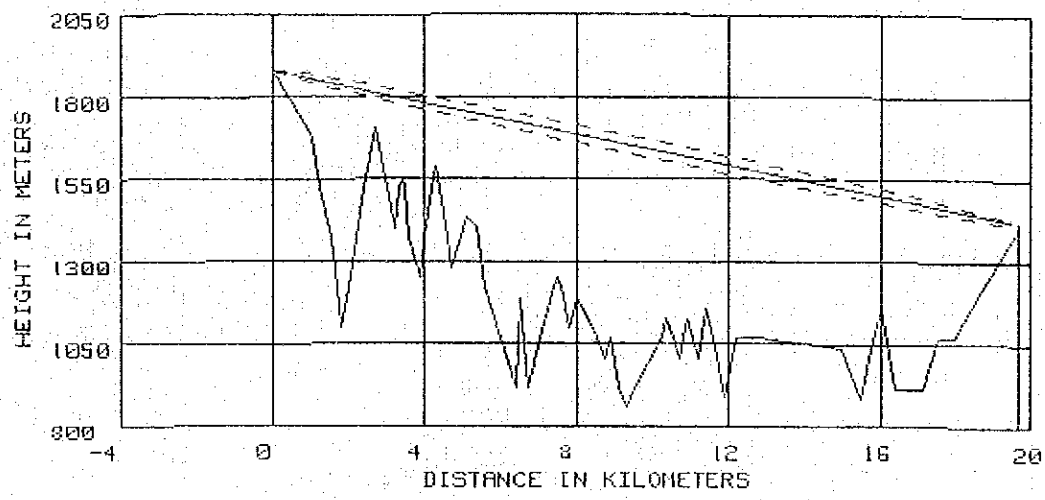
SITE 1 : KHAGO
GROUND ELEVATION: 1871.5 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : JAJARKOT
GROUND ELEVATION: 1158.2 m
ANTENNA HEIGHT: 15.0 m

KHAMUS (08-24)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 13.7 km

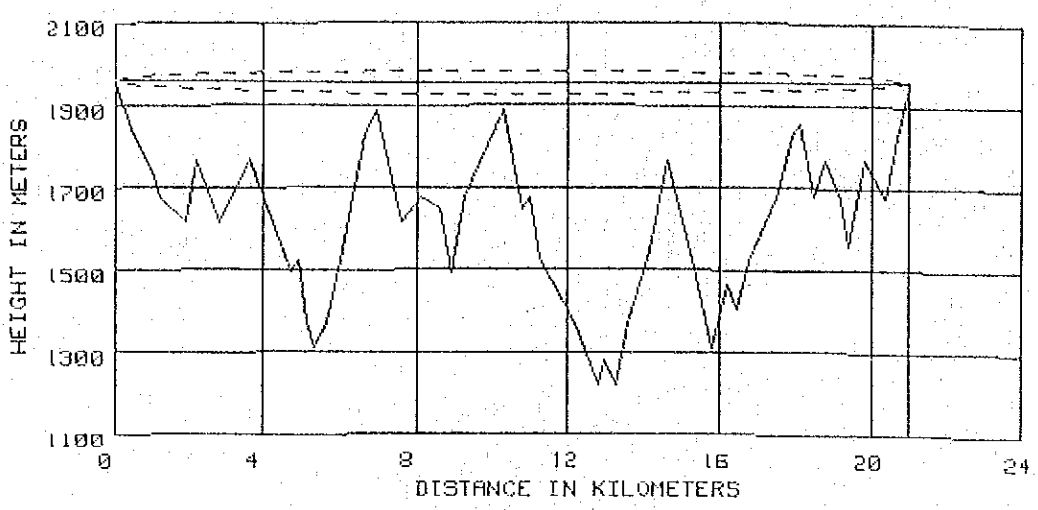
SITE 1 : KHAGO
GROUND ELEVATION: 1871.5 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : MUSIKOT
GROUND ELEVATION: 1402.1 m
ANTENNA HEIGHT: 15.0 m

BALSAN (08-25)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 21 km

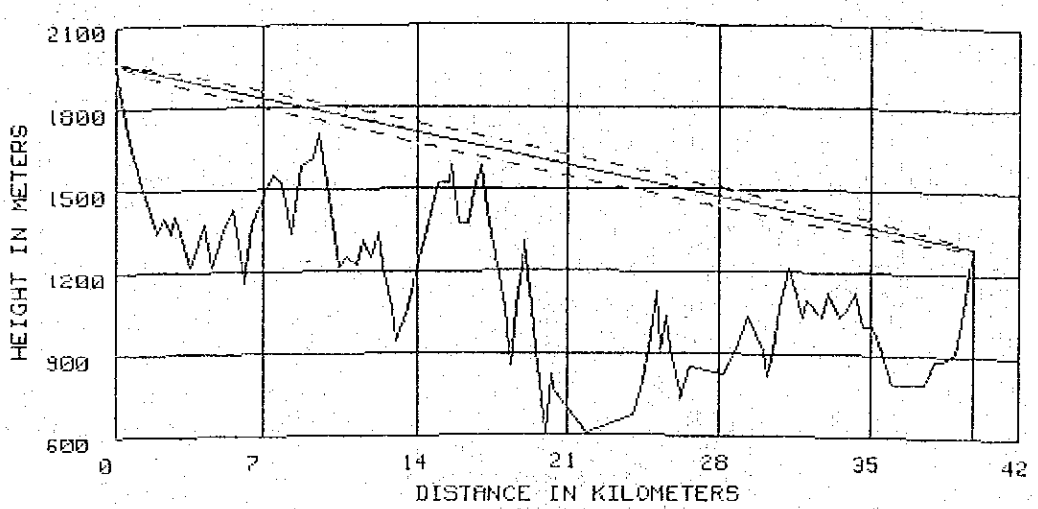
SITE 1 : BALLE
GROUND ELEVATION: 1950.7 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : SAMRI
GROUND ELEVATION: 1950.7 m
ANTENNA HEIGHT: 10.0 m

SAMPYU (08-26)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 39.8 km

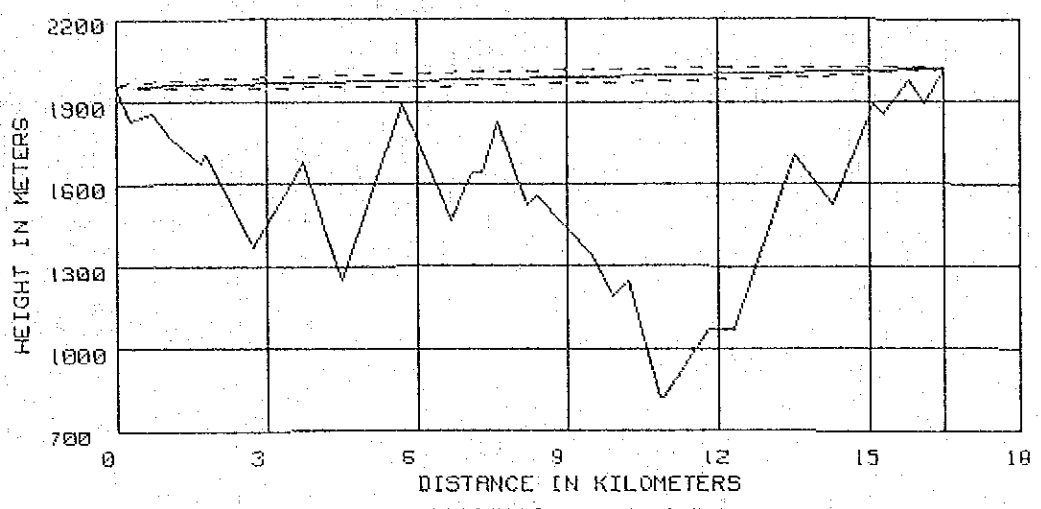
SITE 1 : SAMRI
GROUND ELEVATION: 1950.7 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : PYUTHAN
GROUND ELEVATION: 1280.2 m
ANTENNA HEIGHT: 15.0 m

SANDHA (08-27)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 16.5 km

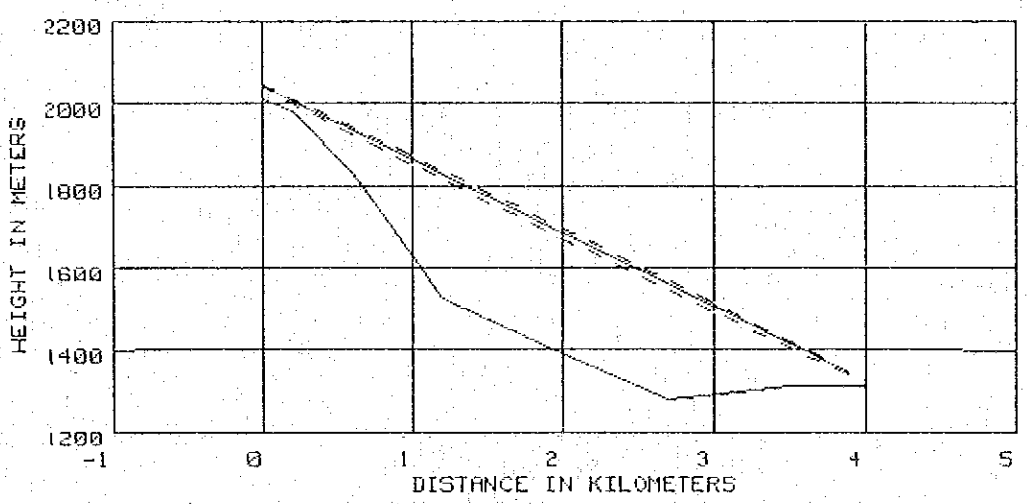
SITE 1 : SAMRI
GROUND ELEVATION:1951.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : DHARBAN
GROUND ELEVATION:2012.0 m
ANTENNA HEIGHT: 10.0 m

DHALIB (08-28)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 4 km

SITE 1 : DHARBAN
GROUND ELEVATION:2011.7 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : LIBNGGAON
GROUND ELEVATION:1910.6 m
ANTENNA HEIGHT: 15.0 m

Elevation and Coordinates of Station Site (09 Area)

No.	Site Name	Elevation (m)	Coordinates	
			Longitude	Latitude
1	DANGADHI	183	80°36′00"E	28°42′00"N
2	BURETOLA	1189	80°34′47"E	28°55′23"N
3	KAPHALI	2560	80°35′14"E	29°13′25"N
4	DANDELDHURA	1829	80°35′23"E	29°17′52"N
5	DHANGA	2530	80°25′12"E	29°29′03"N
6	BAITADI	1524	80°26′01"E	29°33′14"N
7	BALCHKHARKA	1920	80°27′02"E	29°46′28"N
8	DARCHULA	914	80°32′42"E	29°50′38"N
9	KADO	2012	80°57′20"E	29°26′30"N
10	PANIKHA	1707	81°11′06"E	29°31′35"N
11	CHAINPUR	1326	81°12′03"E	29°33′06"N
12	S.DOTI & DIPAYAL	1280	80°59′02"E	29°16′01"N
13	SEMRI	1978	81°07′10"E	29°09′21"N
14	MANGALSEN	1326	81°15′20"E	29°08′26"N
15	MARTADI	1585	81°28′44"E	29°27′29"N
16	BHAJANI	152	80°58′12"E	28°29′40"N
17	TIKAPUR	152	81°08′04"E	28°30′07"N

Path Profile Maps (09 Area)

1	Buretola	-	Dangadhi
2	Kaphali	-	Buretola
3	Dandeldhura	-	Kaphali
4	Dandeldhura	-	Dhanga
5	Dhanga	-	Baitadi
6	Baitadi	-	Balchkharka
7	Balchkharka	-	Darchula
8	Dandeldhura	-	Kado
9	Kado	-	Panikha
10	Panikha	-	Chainpur
11	Dandeldhura	-	S. Doti
12	S. Doti	-	Semri
13	Semri	-	Mangalsen
14	Semri	-	Martadi
15	Dangadhi	-	Bhajani
16	Bhajani	-	Tikapur

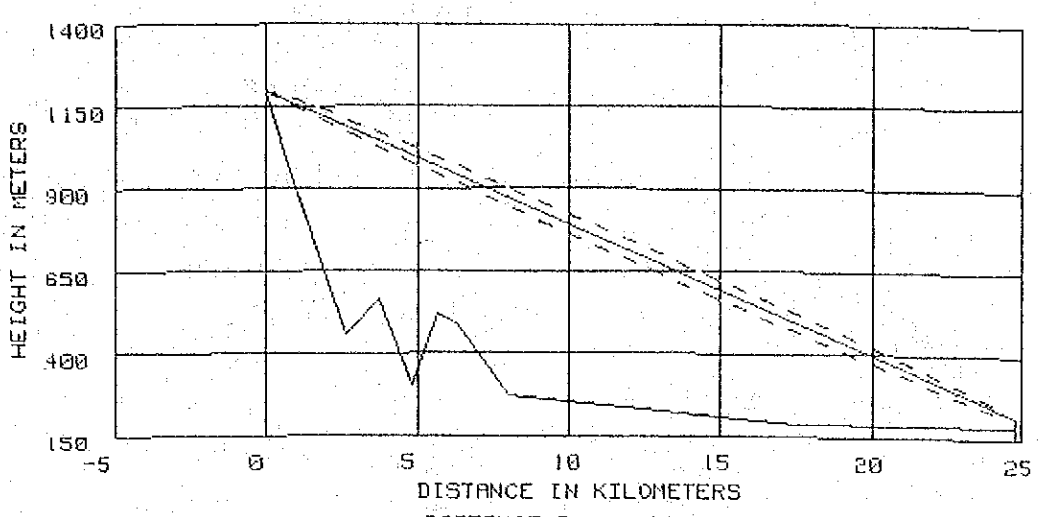
Path Profile Map (08 - 09 Area)

1 Rajapur - Tikapur

BURDHA (09-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 24.8 km

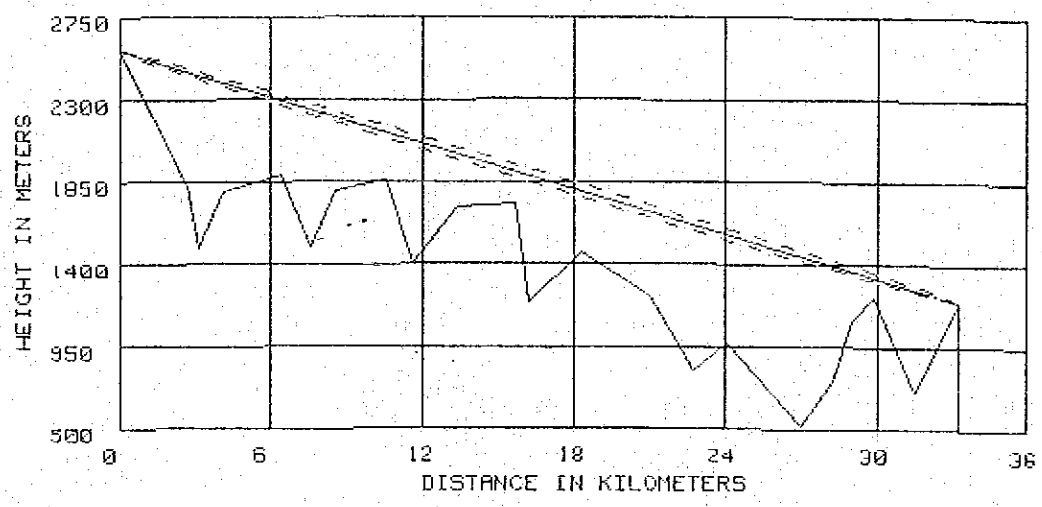
SITE 1 : BURETOLA
GROUND ELEVATION: 1189.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : DANGADHI
GROUND ELEVATION: 183.0 m
ANTENNA HEIGHT: 30.0 m

KAPBUR (09-2)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 33.3 km

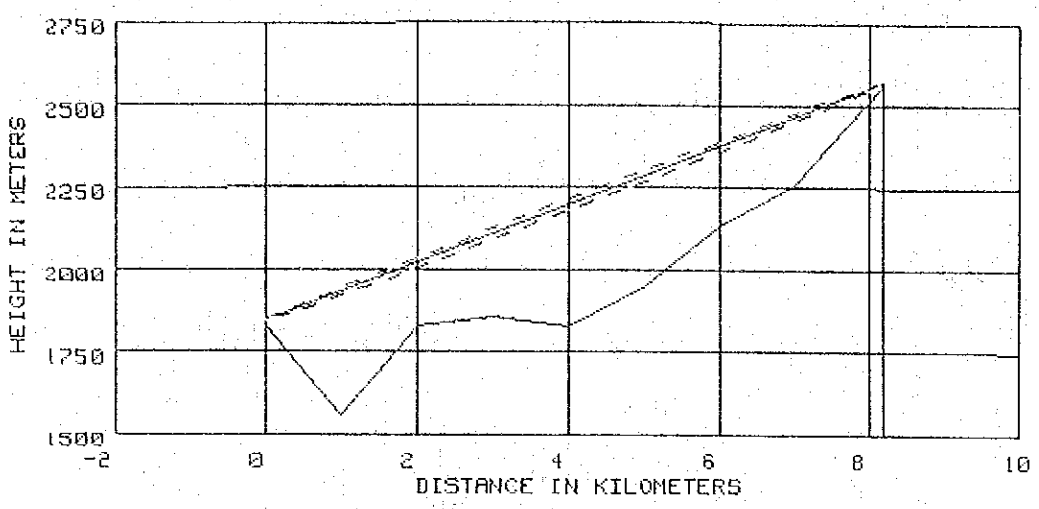
SITE 1 : KAPHALI
GROUND ELEVATION: 2560.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BURETOLA
GROUND ELEVATION: 1189.0 m
ANTENNA HEIGHT: 10.0 m

DANKAP (09-3)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 8.2 km

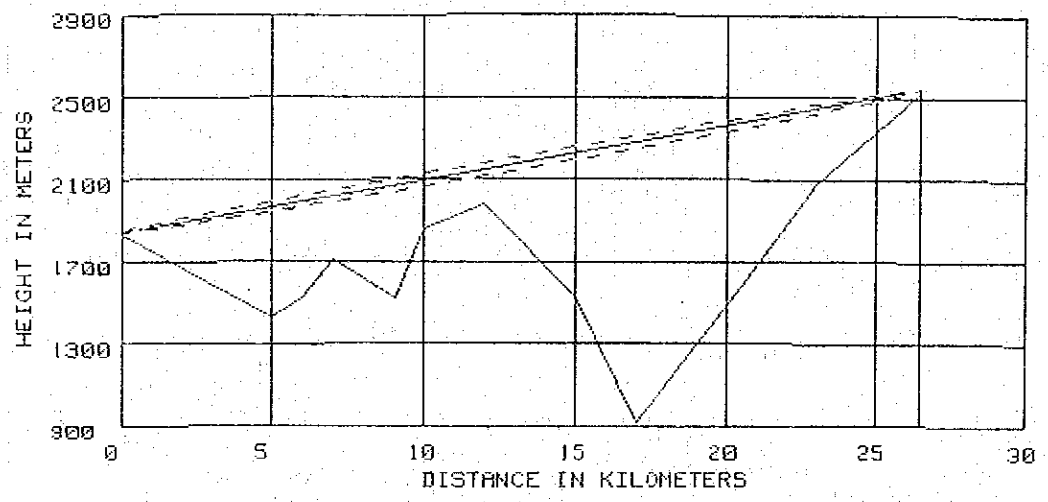
SITE 1 : DANDELDHURA
GROUND ELEVATION:1829.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : KAPHALI
GROUND ELEVATION:2560.0 m
ANTENNA HEIGHT: 10.0 m

DANDHA (09-4)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 26.5 km

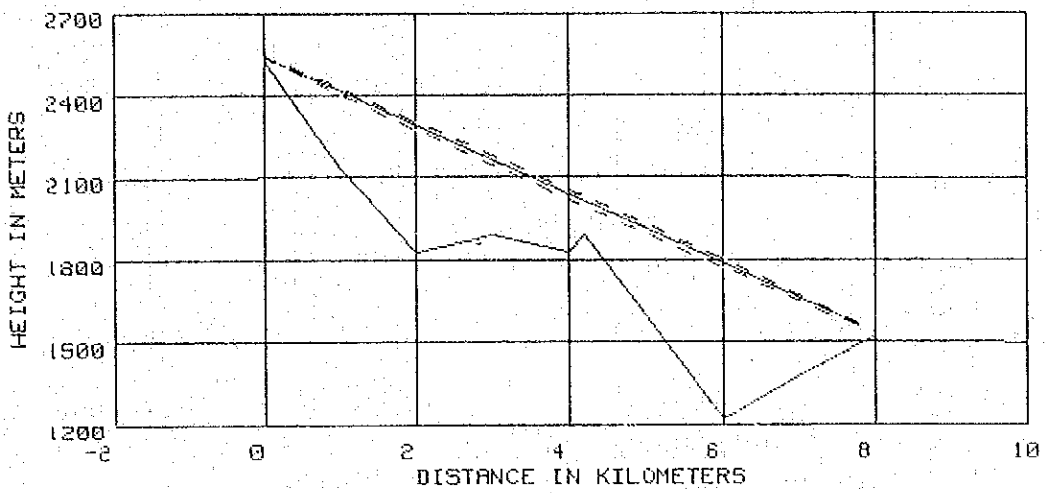
SITE 1 : DANDELDHURA
GROUND ELEVATION:1829.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : DHANGA
GROUND ELEVATION:2530.0 m
ANTENNA HEIGHT: 10.0 m

DHABAI (09-5)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 8 km

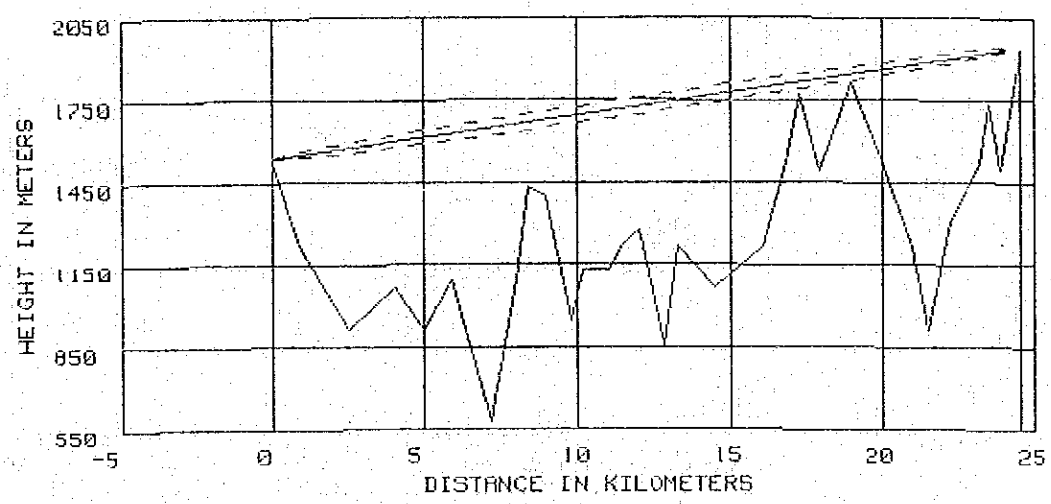
SITE 1 : DHANGA
GROUND ELEVATION: 2530.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : BAITADI
GROUND ELEVATION: 1524.0 m
ANTENNA HEIGHT: 15.0 m

BAIBAL (09-6)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 24.5 km

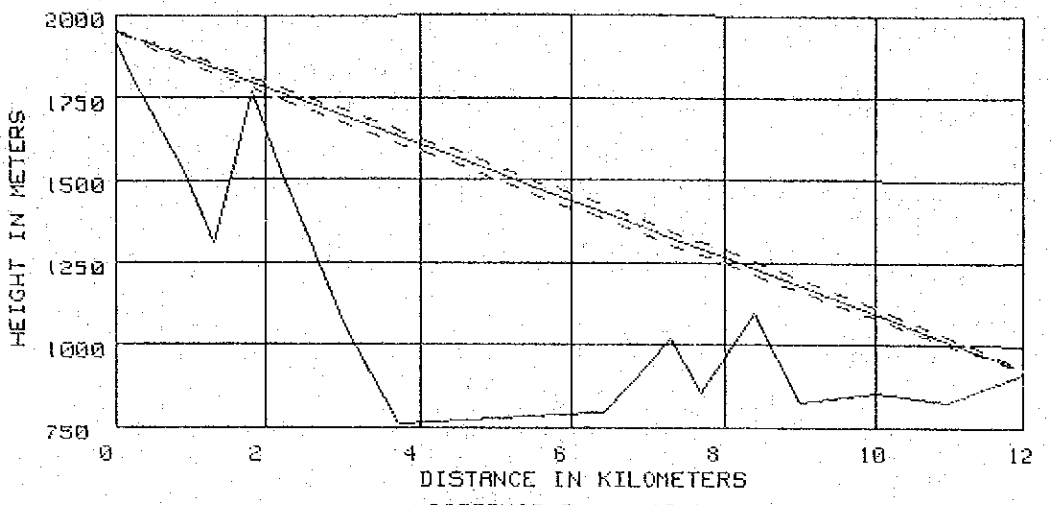
SITE 1 : BAITADI
GROUND ELEVATION: 1524.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : BALCHKHARKA
GROUND ELEVATION: 1920.0 m
ANTENNA HEIGHT: 25.0 m

BALDAR (09-7)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 12 km

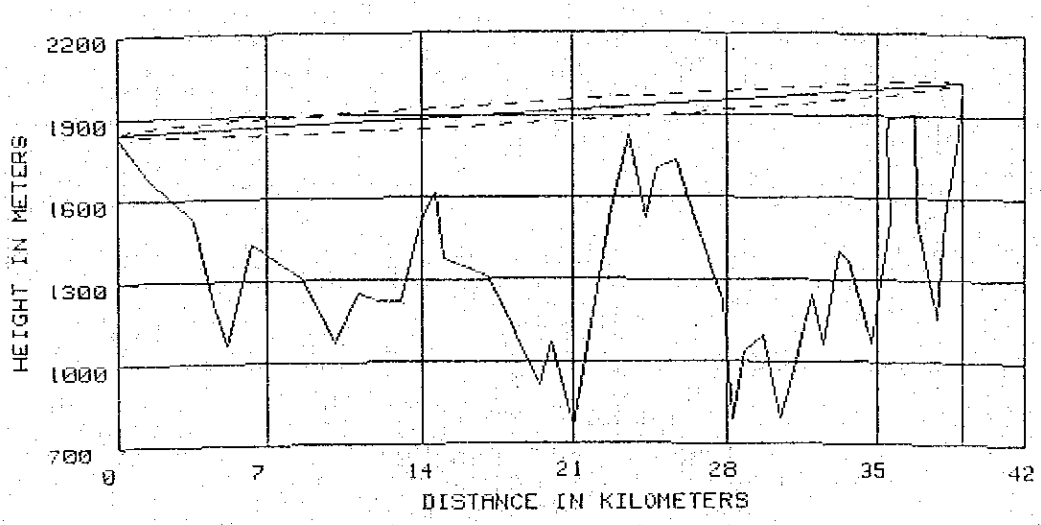
SITE 1 : BALCHKHARKA
GROUND ELEVATION: 1920.0 m
ANTENNA HEIGHT: 30.0 m

SITE 2 : DARCHULA
GROUND ELEVATION: 914.0 m
ANTENNA HEIGHT: 15.0 m

DANKAD (09-8)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 39.1 km

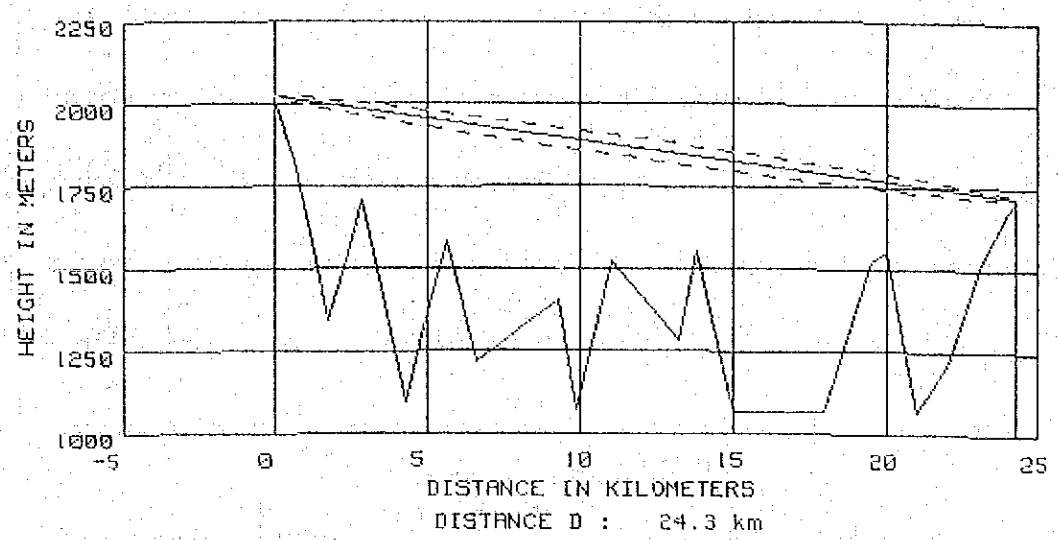
SITE 1 : DANDELDHURA
GROUND ELEVATION: 1829.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : KADO
GROUND ELEVATION: 2012.0 m
ANTENNA HEIGHT: 10.0 m

KADPAN (09-9)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 24.3 km

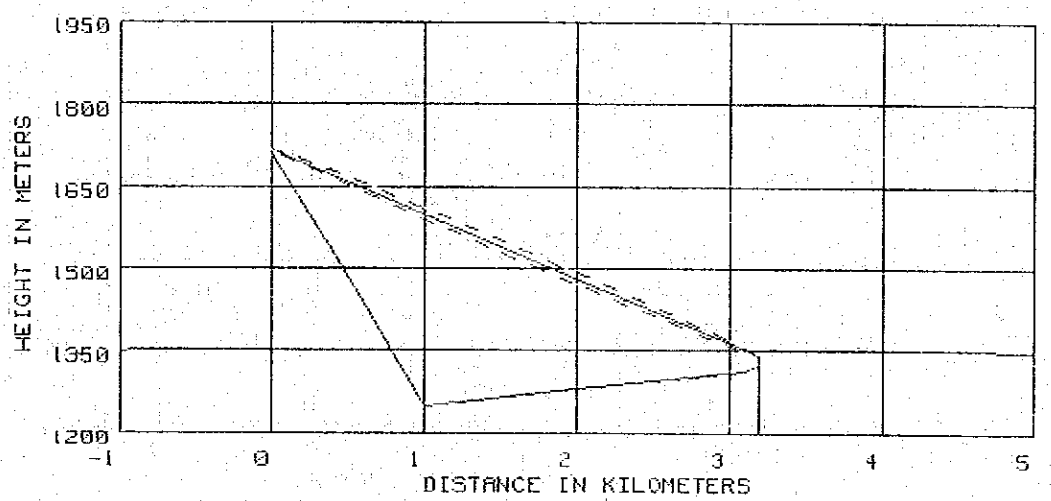
SITE 1 : KADO
GROUND ELEVATION: 2012.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : PANIKHA
GROUND ELEVATION: 1707.0 m
ANTENNA HEIGHT: 10.0 m

PANCHA (09-10)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 3.2 km

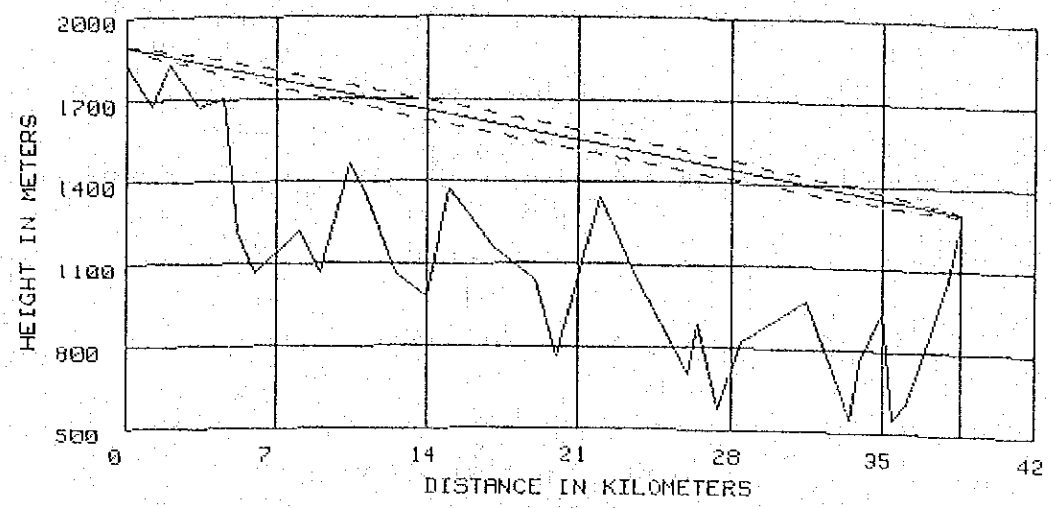
SITE 1 : PANIKHA
GROUND ELEVATION: 1707.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : CHAINPUR
GROUND ELEVATION: 1326.0 m
ANTENNA HEIGHT: 15.0 m

DANS.D (09-11)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 38.6 km

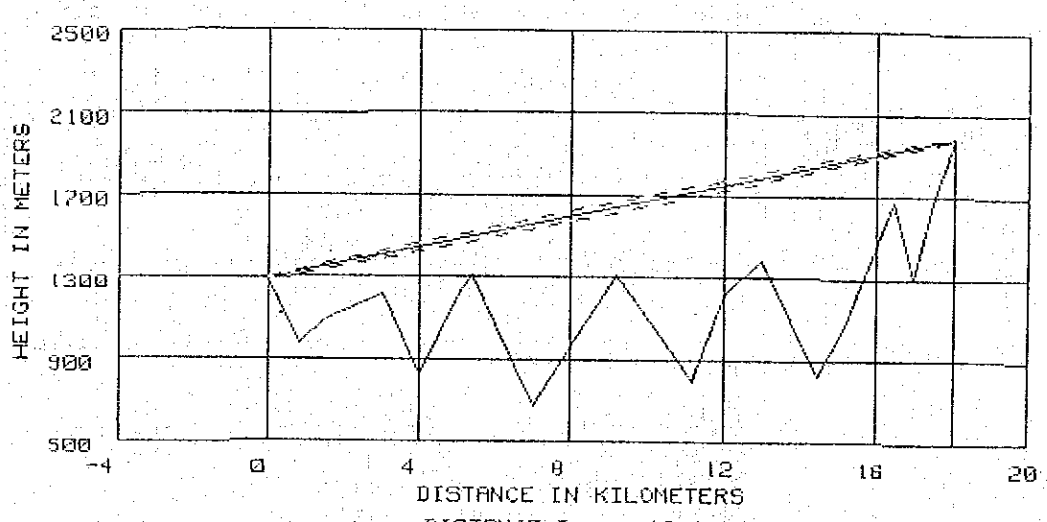
SITE 1 : DHANDELDHURA
GROUND ELEVATION: 1829.0 m
ANTENNA HEIGHT: 65.0 m

SITE 2 : S.DOTI
GROUND ELEVATION: 1280.0 m
ANTENNA HEIGHT: 25.0 m

S.DSEM (09-12)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 18.1 km

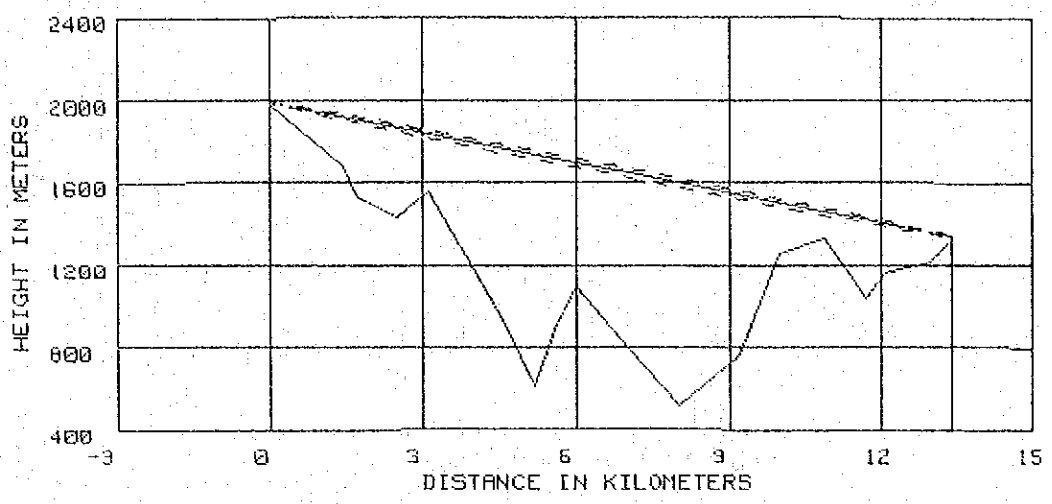
SITE 1 : S.DOTI
GROUND ELEVATION: 1280.0 m
ANTENNA HEIGHT: 15.0 m

SITE 2 : SEMRI
GROUND ELEVATION: 1978.0 m
ANTENNA HEIGHT: 10.0 m

SENMAN (09-13)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 13.4 km

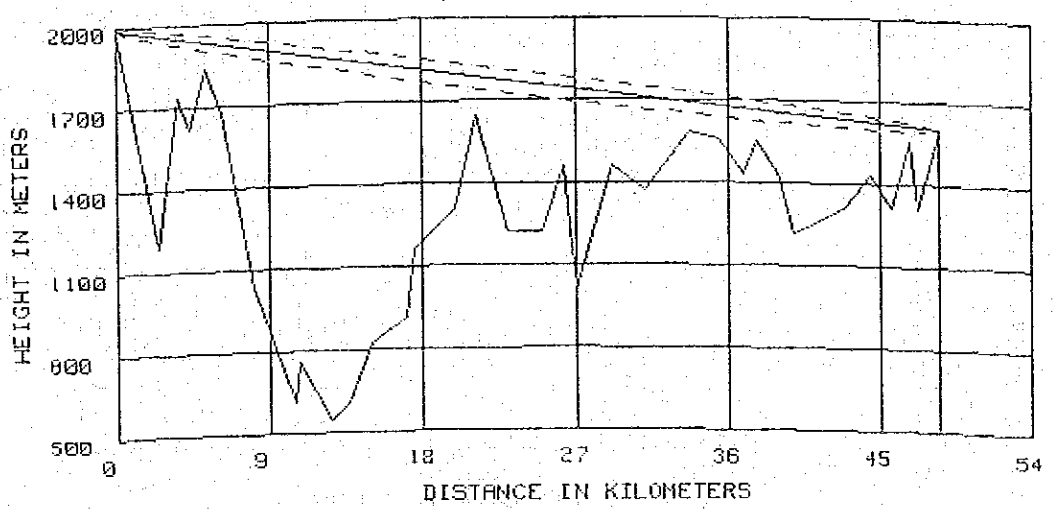
SITE 1 : SEMRI
GROUND ELEVATION: 1970.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : MANGALSEN
GROUND ELEVATION: 1326.0 m
ANTENNA HEIGHT: 15.0 m

SENMAR (09-14)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 48.5 km

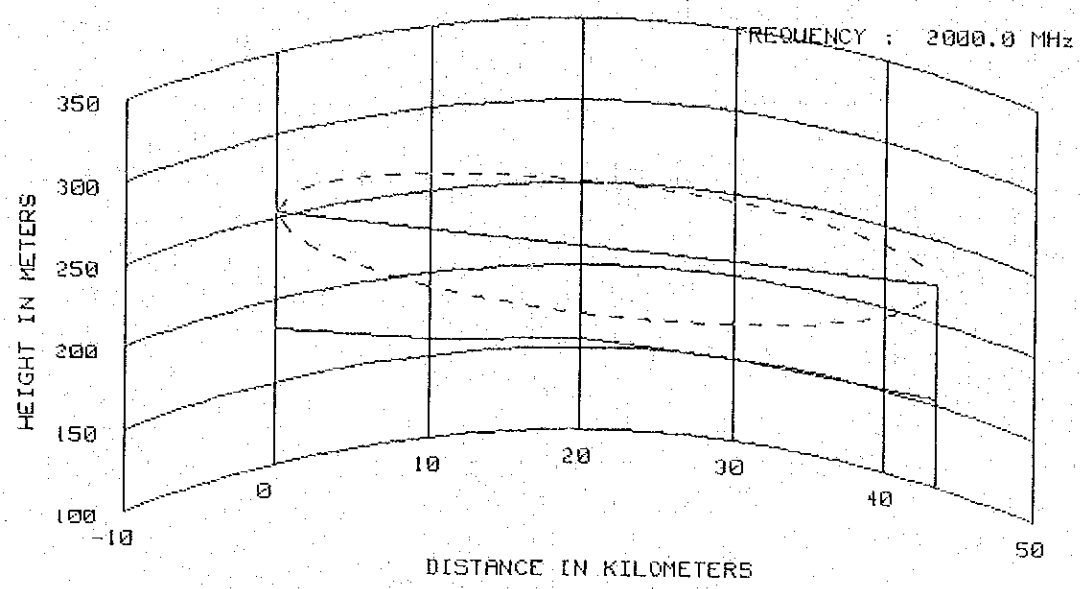
SITE 1 : SEMRI
GROUND ELEVATION: 1970.0 m
ANTENNA HEIGHT: 10.0 m

SITE 2 : MARTADI
GROUND ELEVATION: 1585.0 m
ANTENNA HEIGHT: 15.0 m

DHABHA (09-15)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 43.5 km

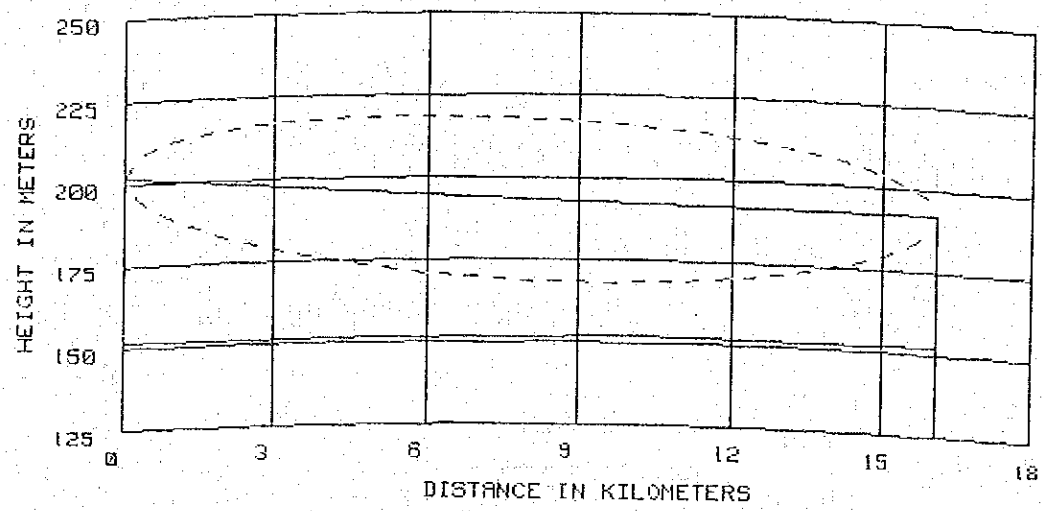
SITE 1 : DANGADHI
GROUND ELEVATION: 183.0 m
ANTENNA HEIGHT: 70.0 m

SITE 2 : BHAJANI
GROUND ELEVATION: 152.0 m
ANTENNA HEIGHT: 70.0 m

BHATIK (09-16)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 16.1 km

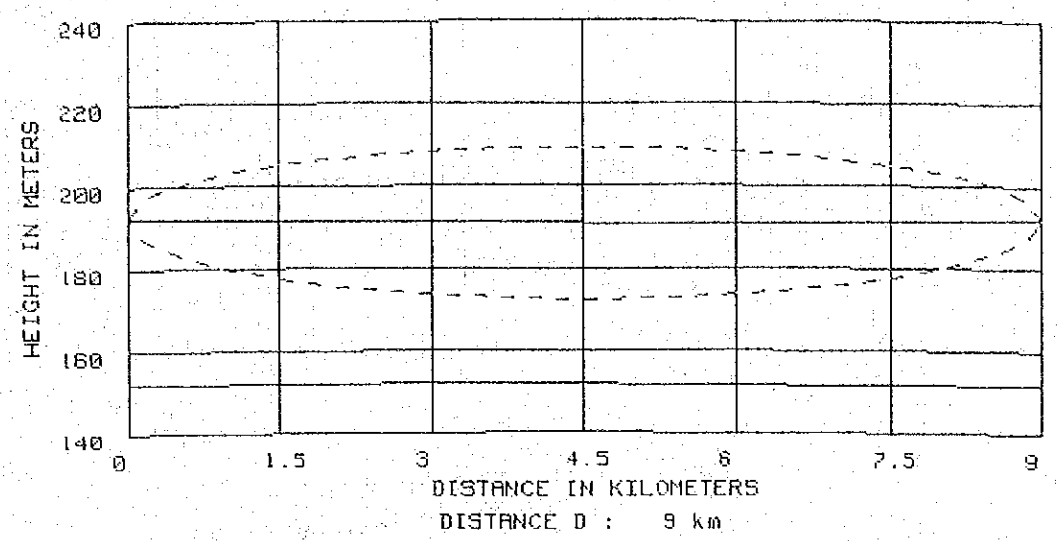
SITE 1 : BHAJANI
GROUND ELEVATION: 152.0 m
ANTENNA HEIGHT: 50.0 m

SITE 2 : TIKAPUR
GROUND ELEVATION: 152.0 m
ANTENNA HEIGHT: 40.0 m

RAJTIK (08, 09-1)

PATH PROFILE (4/3 RADIUS)

FREQUENCY : 2000.0 MHz



DISTANCE D : 9 km

SITE 1 : RAJAPUR	SITE 2 : TIKAPUR
GROUND ELEVATION: 152.0 m	GROUND ELEVATION: 152.0 m
ANTENNA HEIGHT: 40.0 m	ANTENNA HEIGHT: 40.0 m

付属資料 B

付 属 資 料 B

ファクシミリ端末装置について

（将来本格的に導入する場合の参考）

a）機種選定

CCITTではファクシミリ端末機としてG－1，G－Ⅱそして G－Ⅲの3種類の機種を勧告しているが，以下の理由からG－Ⅱ機の導入が望ましい。

－G－1機はすでに旧式の機種となりつつある。

－G－Ⅲ機はデータ処理能力がA4版1枚当り1分とG－Ⅱ機の3分に比し速いが，伝送系，交換系の伝送品質に対する要求がG－Ⅱ機に比し厳しい。

－G－Ⅲ機は文書の暗号化等各種の機能が付加できるが，このために，G－Ⅱより高価となる。（G－Ⅱの1.5倍程度）

また，これらの機能は特定のユーザが専用に利用する場合には効果的であるが，一般公衆用に限って利用する場合あまりメリットはない。

－ファクシミリの実用寿命は平均5～6年程度であるので，当面G－Ⅱ機を導入しておき，その更新時期に，ファクシミリ機器のコスト動向，サービスに対する需要動向等を見て導入機器の再検討を行なうことで充分対応できる。

－対象局所の大半は，いまだ商用電力が整備されていないため，太陽電池方式等の自立電源方式によらざるをえないが，この場合，消費電力がG－Ⅲ機のそれに比し40～50％と少ないG－Ⅱ機の方が電源方式の経済化を図れる。

b）G－Ⅱ機のデータ処理能力

前項で選定したG－Ⅱ機のデータ処理能力は，回線設定時間（ダイヤル時間，接続時間，両端末相互間の送受手順の設定時間等）を40秒，機器使用能率を85％とすれば，A4サイズの標準原稿で1台1時間当り約14通となる。

通話取扱所のファクシミリ端末機の1日当りの運用時間を現在の短波回線の運用時間と同様，朝7時から夜7時までの12時間とすれば，G－Ⅱ機で処理可能な1日最大通数はA4版で約168通となる。

電報1通当りの紙面サイズは普通A4版以下であると想定されるから，実際の処理可能通数は上記以上となろう。

いま仮に，電報１通当りの紙面サイズをＡ４版の半分，文書１通当りのそれをＡ４版とし，両者の需要が半々であったとすれば，処理可能通数は約２００通となる。

以後の検討は，しかしながら，余裕を見て，Ｇ－Ⅱ機のデータ処理能力を１日当り１６８通として行なうこととした。

c）設備数の検討

本文で述べたとおり，電報・文書伝送サービスに対する将来の需要動向を予測することは困難であること，また，ファクシミリ端末機の実用寿命が５～６年程度であること，更に，需要変動が交換系・伝送系の設備容量の設定に大きな影響を与えることはないこと等から，現時点で計画期末におけるファクシミリ端末所要数を推定してもあまり意味がない。このため，ファクシミリ端末設備数は，サービス開始から５年後，すなわち，１９９０年の需要見合いでその所要数を推定した。本文４－１－２項で予測した電報・文書サービスの需要見通し，ならびに，前項で求めたＧ－Ⅱ機のデータ処理能力とから，１９９０年度における通話取扱所，交換局，集中親局それぞれの設備数を推定すれば以下のとおりとなる。

i）通話取扱所

１９９０年の１日１局当り総通数は６８通と推定される。これはＧ－Ⅱ機の１日当りデータ処理能力１６８通以下であることから，設備数は１台となる。

ii）交　換　局

交換局の需要は通話取扱所のそれを上廻るものと推定される。しかしながら，それが今仮に２倍となったとしても，Ｇ－Ⅱ機１台で充分処理可能であるので，設備数は１台で充分である。

iii）集中親局（Kathmanduを除く）

集中親局には所属通話取扱所からのトラヒックと，他地域の通話取扱所からのトラヒックとが集中する。データの不足から，後者のトラヒック量の予測が困難であるが，前者のトラヒック量の６０％程度を見込めば充分であると推定される。

以上により，１９９０年度のファクシミリ端末所要数を求めると，所属通話取扱所3.7局当り１台となる。

以上に基づいて推定した集中親局の設備台数は各局別に次のとおりである。

集中親局	設備台数 現用	設備台数 予備	所属通話取扱所数
Biratnagar	1	1	4
Bhadrapur	2	1	5
Rajbiraj	2	1	6
Janakpur	1	1	3
Birganj	1	1	3（交換局Kalaiyaを含む）
Hitauda	1	1	1
Pokhara	3	1	10
Bhairahwa	1	1	4
Nepalgunj	4	1	14（交換局Tulsipur，Ghorahiを含む）
Dangadhi	3	1	9（交換局S. Dotiを含む）

なお，現在すでに電話交換局が設備されている都市に対しても同様のファクシミリ・サービスを実施するものと考えられるから，これらの局も対象とすれば，集中親局の必要設備数は上記を上廻ることになるが，これらの局は本調査の対象外であるので除外した。同様に集中親局相互間のファクシミリ・サービス用の台数も対象外として除外した。

iv) Kathmandu

Kathmanduに対しては，所属通話取扱所８ケ所と，他地域の通話取扱所５９ケ所（本調査の対象とした交換局４ケ所を含む）からの全トラヒックが集中する。本文4－1－2項の検討によれば，１９９０年度においてKathmanduに集中するこれらトラヒックの平均通数は１ケ所当り２８通と推定される。したがって，ファクシミリ端末機必要台数は１３台となる。設備台数はこれに予備機４台を加えれば，合計１７台となる。

JICA