

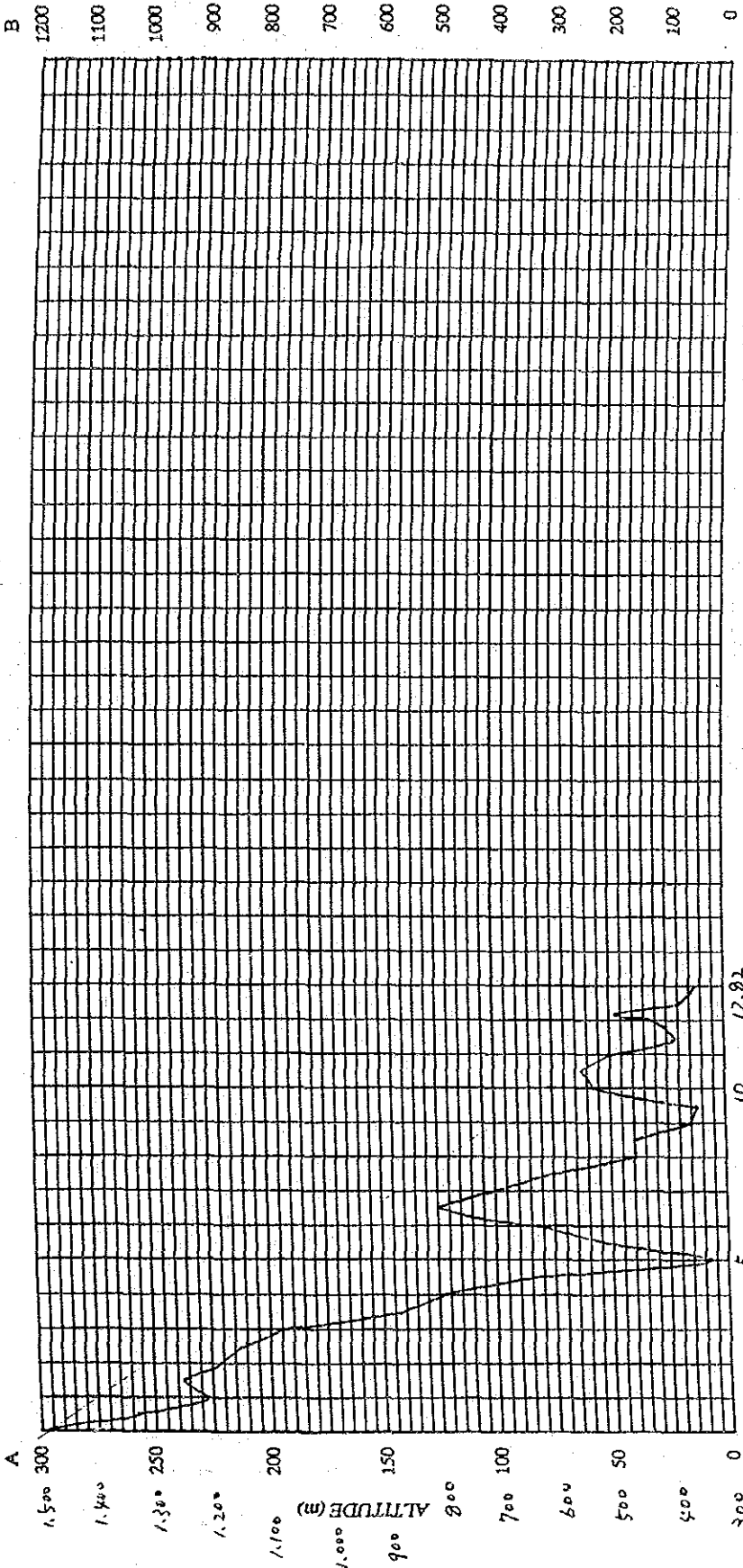
4. Terrain Profile for Simplex Radio Link

3-3

TERRAIN PROFILE

k=4/3

MAP No. M35-d4, d1



STATION NAME	KARLIK T.	1806	(W.L)
ALTITUDE	1.490 ^m	350 ^m	
ANTENNA HEIGHT			
LOCATION	N	37° 33' 08"	37° 30' 00"
	E	35° 33' 44"	35° 34' 54"
DISTANCE		12.82 Km	

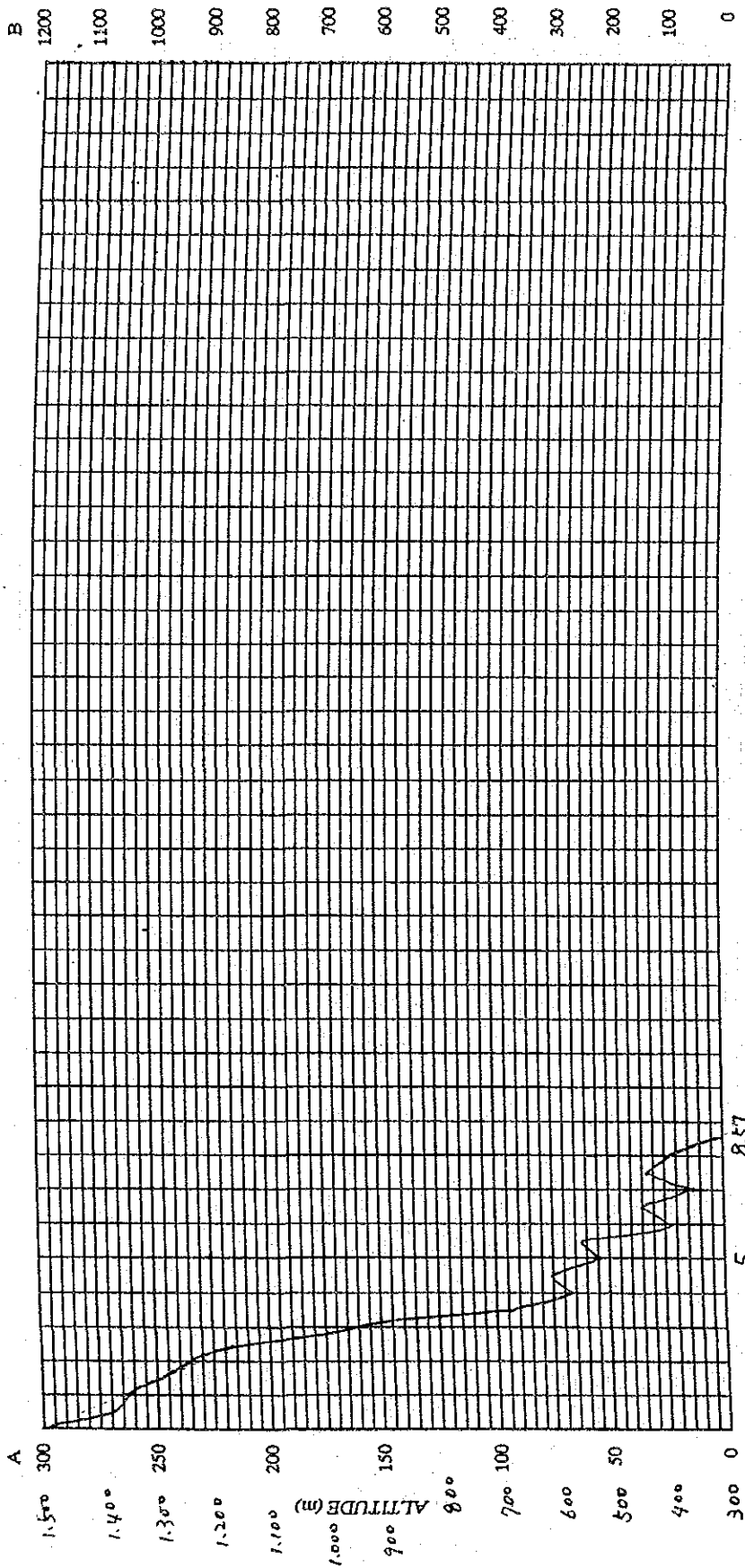
SCALE:
A = 20km
B = 40km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

MAP No. M35-d1

k=4/3



SCALE:
A = 20km
V B = 40km

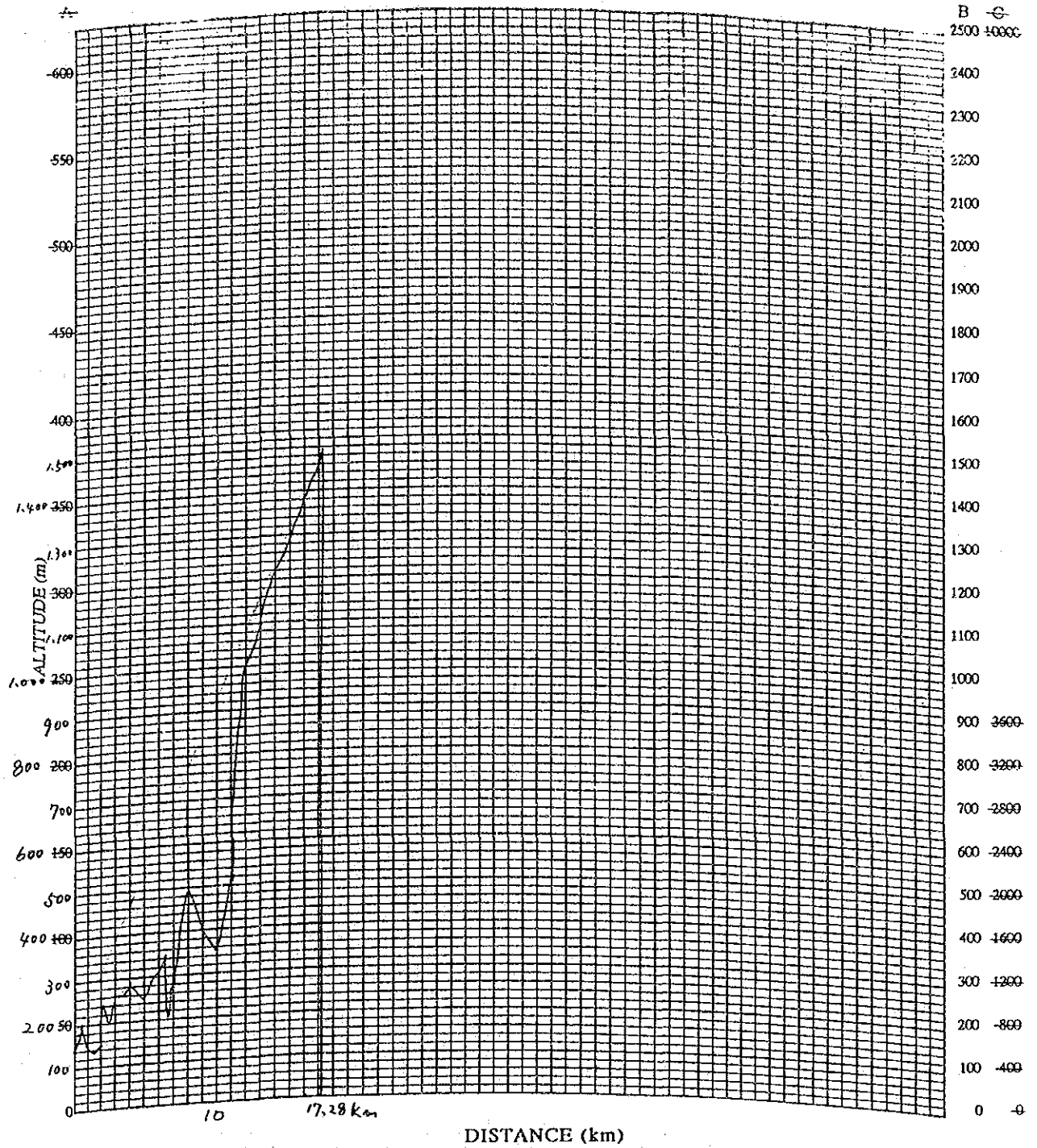
STATION NAME	KARLIK T.	1805 (WL)
ALTITUDE	1,490m	310m
ANTENNA HEIGHT		
LOCATION	N E	37° 33' 08" 35° 36' 44"
DISTANCE		8.57 km

DENSETSU ENGINEERING CORPORATION

k=1/3

TERRAIN PROFILE

N34-b2
N35-a1
MAP No. M35-d4



SCALE:
A = 30km
B = 60km
C = 120km

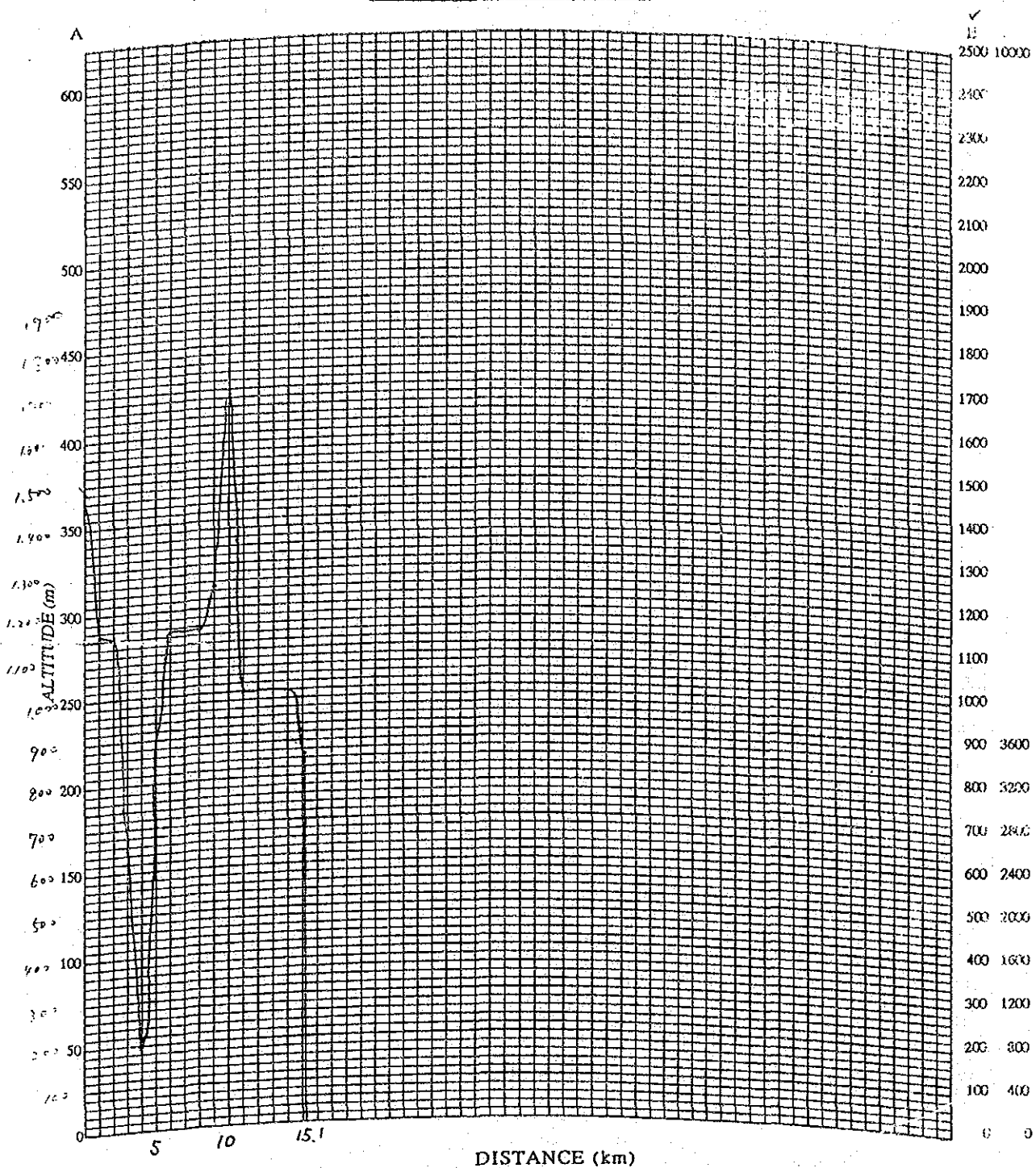
STATION NAME		1818 WL (EGNER)	KARLIK T.
ALTITUDE		150m	1.490 m
ANTENNA HEIGHT			
LOCATION	N	37° 25' 22"	37° 33' 08"
	E	35° 27' 13"	35° 33' 44"
DISTANCE		17.28 km	

DENSETSU ENGINEERING CORPORATION

$k=4/3$

TERRAIN PROFILE

MAP No. M34, M35



SCALE:
 A = 30km
 ✓ B = 60km
 C = 120km

STATION NAME		KARLIK T.	KARSANTI (RG)
ALTITUDE		1.490 m	850m
ANTENNA HEIGHT			
LOCATION	N	37° 33' 08"	37° 32' 58"
	E	35° 33' 44"	35° 23' 29"
DISTANCE		15.1 km	

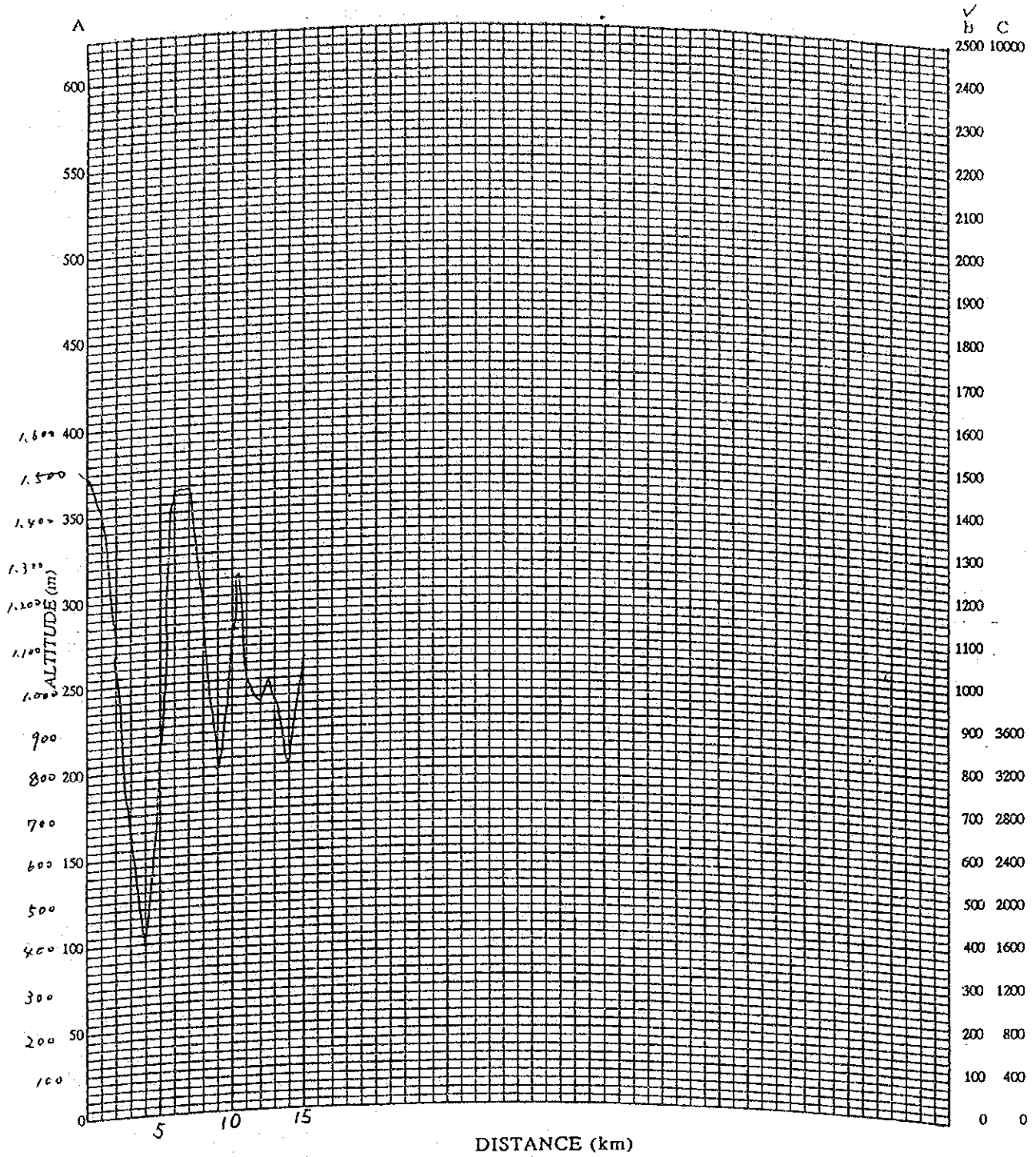
DENSETSU ENGINEERING CORPORATION

3-4

k=4/3

TERRAIN PROFILE

M35-d4
MAP No. 1134



SCALE:
A=30km
√ B=60km
C=120km

3-5

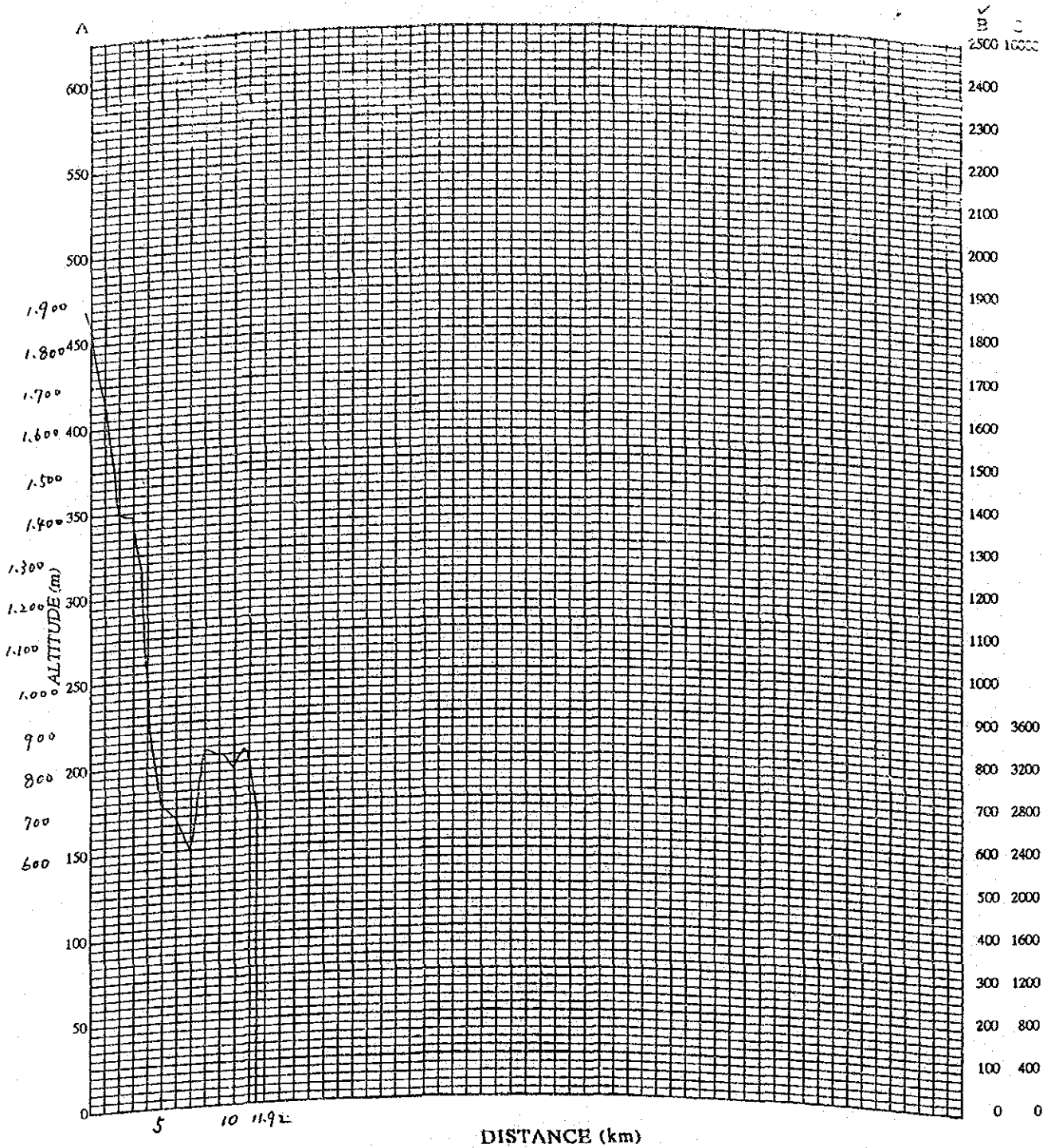
STATION NAME		KARLIK T.	HASANDEDE (Alternative point)
ALTITUDE		1,490 m	1,050 m
ANTENNA HEIGHT			
LOCATION	N	37° 33' 08"	37° 30' 45"
	E	35° 33' 44"	35° 24' 00"
DISTANCE		15.0 km	

DENSETSU ENGINEERING CORPORATION

$k=4/3$

TERRAIN PROFILE

M35-b2
" -b3
MAP No. H 36-24



SCALE:
 A= 30km
 √B= 60km
 C= 120km

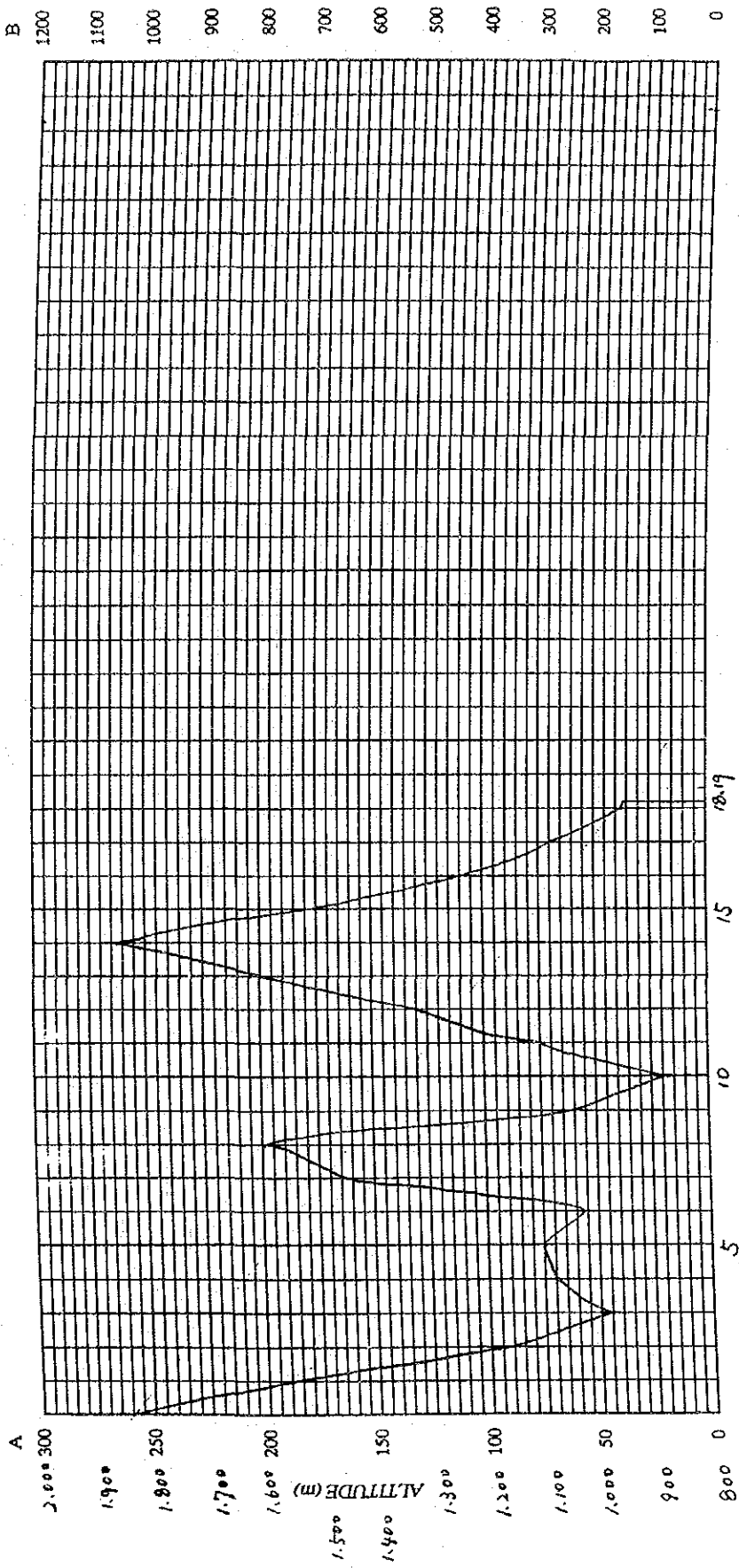
STATION NAME		FEKE DAG	1801 WL
ALTITUDE		1838 m	680 m
ANTENNA HEIGHT			
LOCATION	N	37° 52' 55"	37° 52' 02"
	E	35° 55' 44"	36° 03' 47"
DISTANCE		11.92 km	

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

M35-62
MAP No. M36-01

k=4/3



SCALE:
A = 20km
v B = 40km

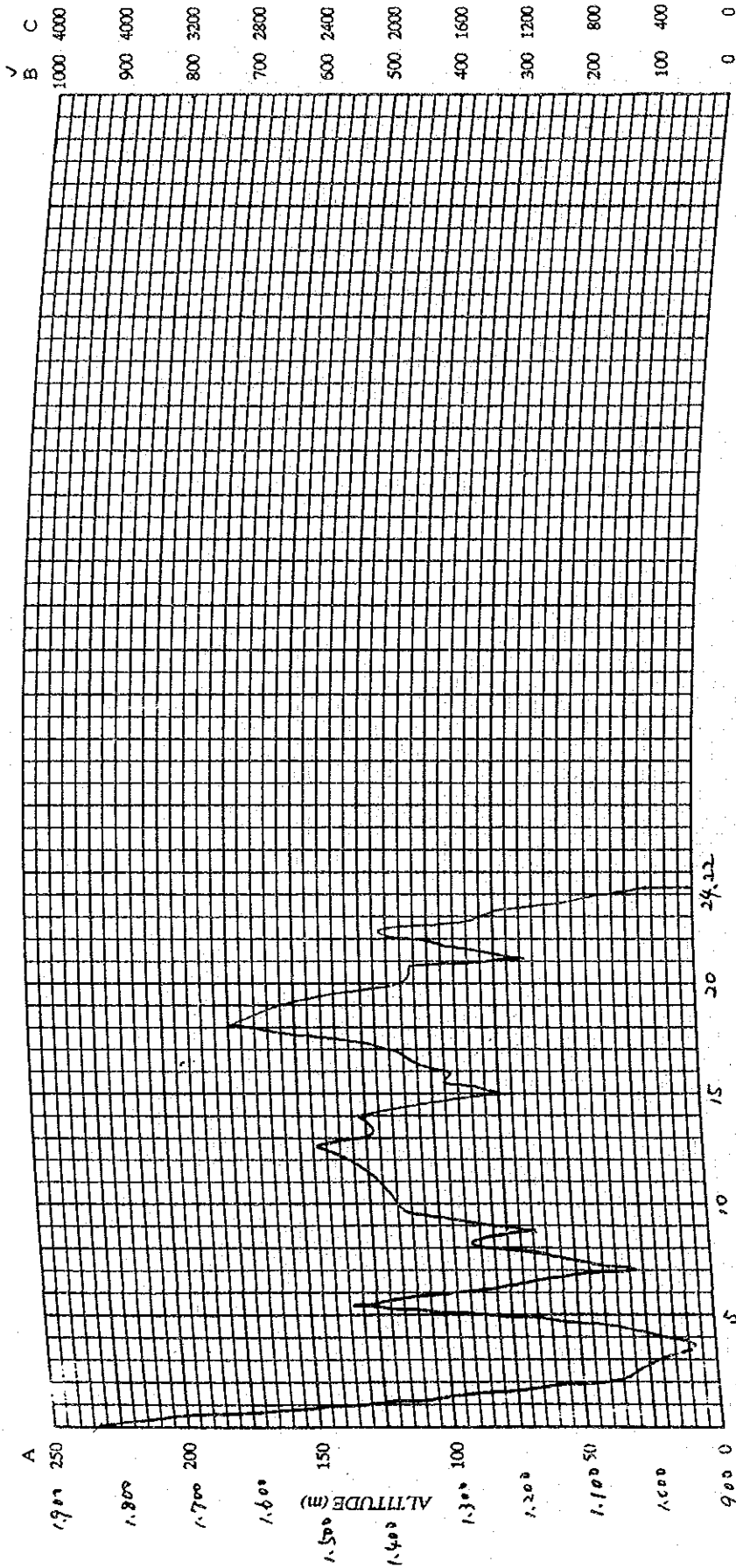
STATION NAME	FEKE DAĞI	SAMBEYLİ
ALTITUDE	1.838 m	920 m
ANTENNA HEIGHT		
LOCATION	N 37° 52' 55"	E 37° 59' 12"
DISTANCE	E 35° 55' 44"	18.19 km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

M35-62
b1
b2
b3
MAP No. _____

k=4/3



DISTANCE (km)

STATION NAME	FEKE DAĞI	MANSURLU
ALTITUDE	1.838 m	970 m
ANTENNA HEIGHT		
LOCATION	N 37° 52' 55"	37° 51' 31"
	E 35° 55' 44"	35° 39' 20"
DISTANCE	24.22 km	

SCALE:
A=30km
√ B=60km
C=120km

DENSETSU ENGINEERING CORPORATION

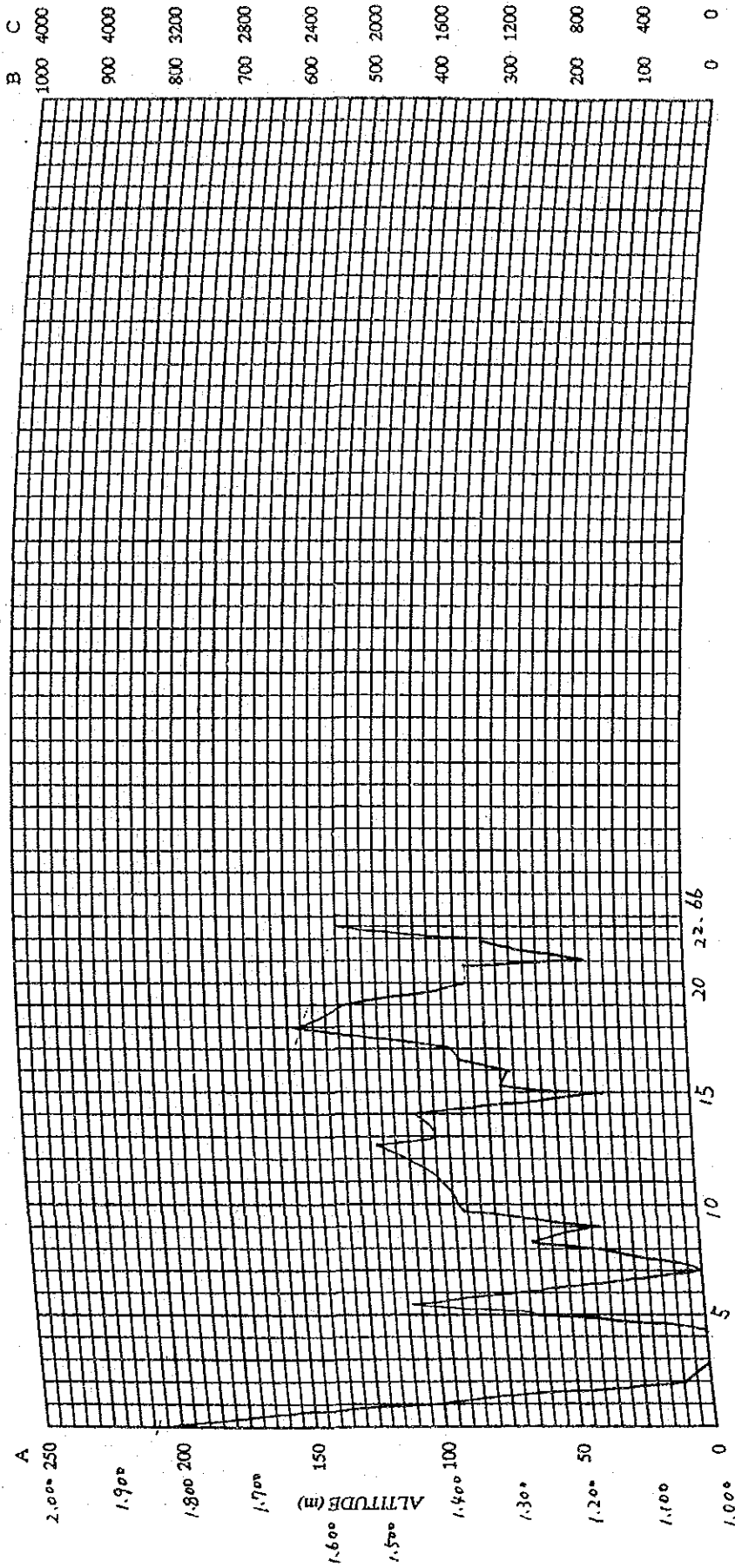
7-2

M35- 62
61
64
63

MAP No.

TERRAIN PROFILE

k=4/3



SCALE:
A=30km
√ B=60km
C=120km

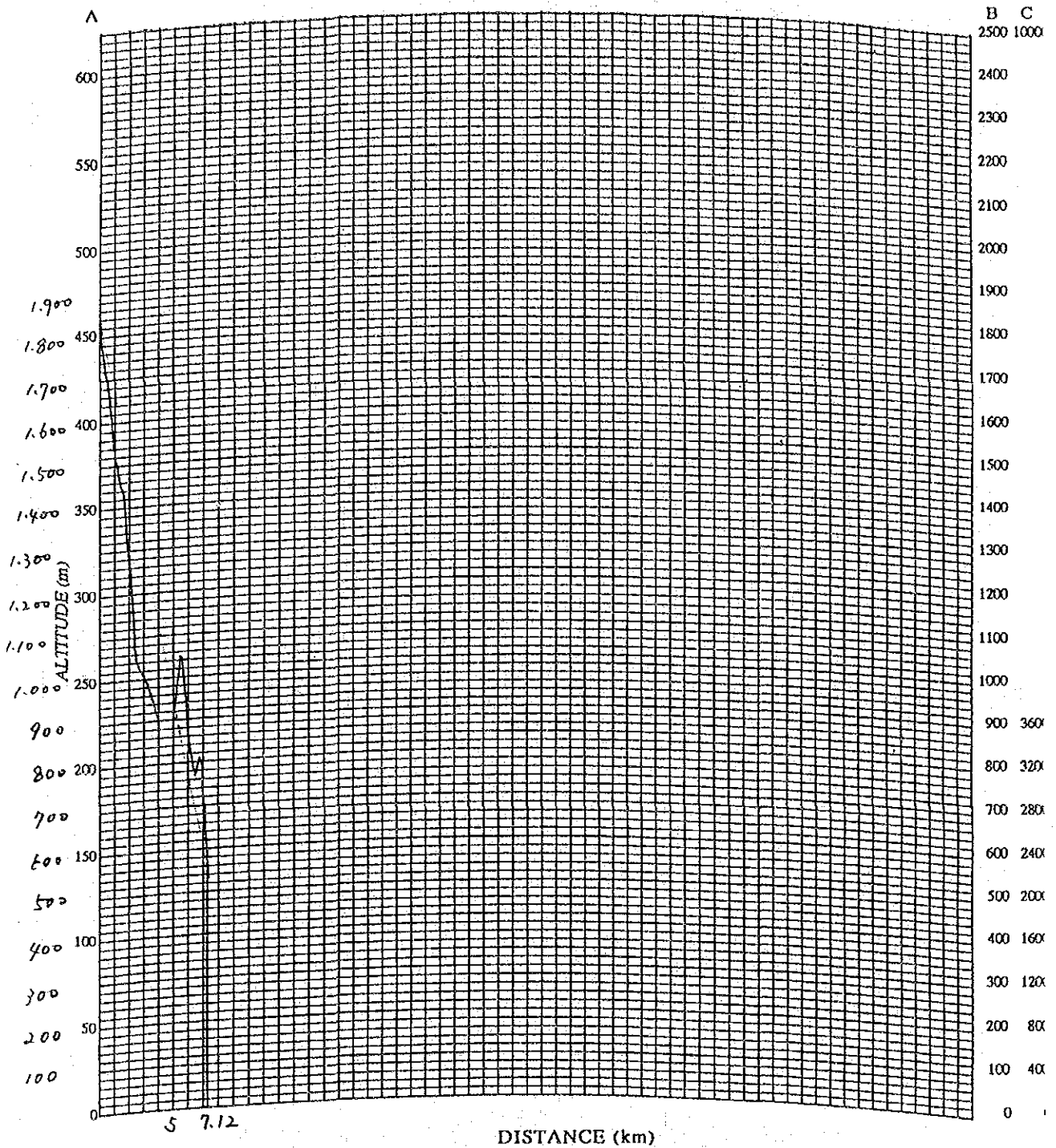
STATION NAME	FEKE DAĞI	KARATAŞ T.
ALTITUDE	1.838m	1.520m
ANTENNA HEIGHT		
LOCATION	N 37° 52' 55"	37° 51' 38"
	E 35° 55' 44"	35° 40' 22"
DISTANCE	22.66 km	

DENSETSU ENGINEERING CORPORATION

k=4/3

TERRAIN PROFILE

MAP No. M35-b2.b3



SCALE:
 A = 30km
 ✓ B = 60km
 C = 120km

STATION NAME	FEKE DAĞI	FEKE (RG)
ALTITUDE	1.838m	560m
ANTENNA HEIGHT		
LOCATION	N 37° 52' 55"	37° 49' 07"
	E 35° 55' 44"	35° 54' 57"
DISTANCE	7.13 km	

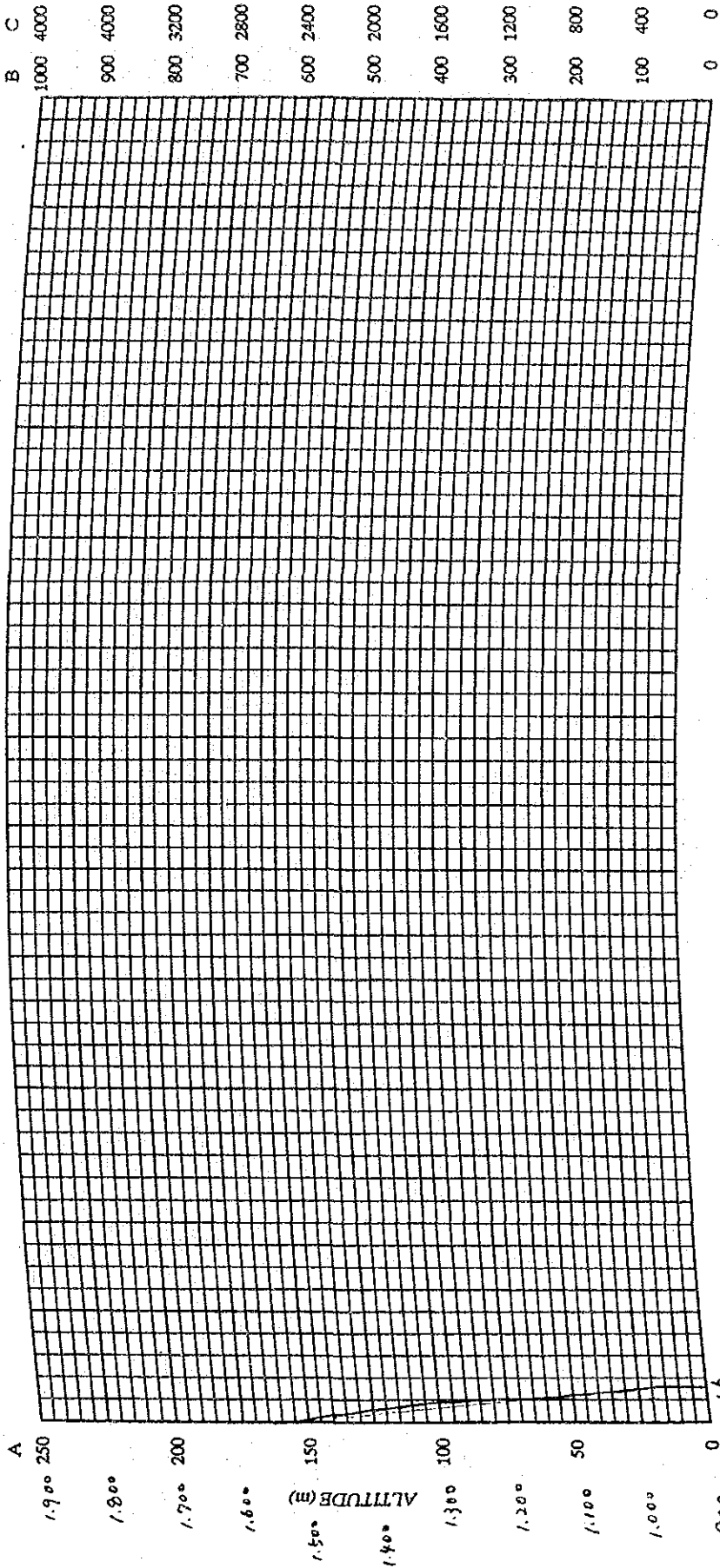
DENSETSU ENGINEERING CORPORATION

8-1

TERRAIN PROFILE

MAP No. M35-a3

$k=4/3$



B C
1000 4000
500 4000
800 3200
700 2800
600 2400
500 2000
400 1600
300 1200
200 800
100 400
0 0

A
1900 250
1800
1700 200
1600
1500
1400
1300 100
1200
1100 50
1000
900 0

SCALE:
A = 30km
B = 60km
C = 120km

DISTANCE (km)

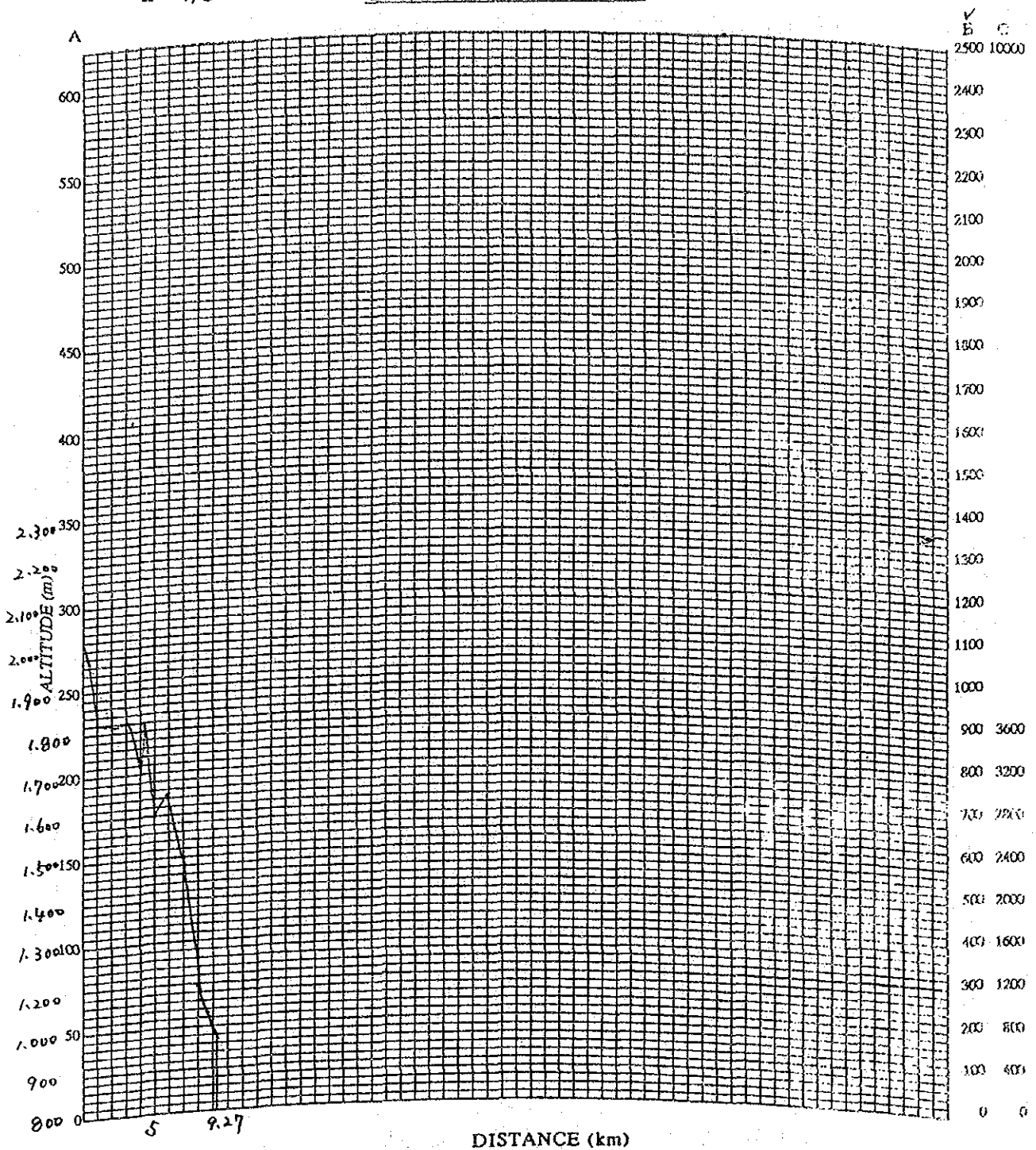
STATION NAME	KARATA S. T.	MANJURLU (RG)
ALTITUDE	1520 m	970 m
ANTENNA HEIGHT		
LOCATION	N 37° 51' 21"	37° 51' 21"
	E 35° 40' 22"	35° 39' 20"
DISTANCE		1.6 km

DENSETSU ENGINEERING CORPORATION

k=4/3

TERRAIN PROFILE

MAP No. 136. M36



SCALE:
 A = 30km
 B = 60km
 C = 120km

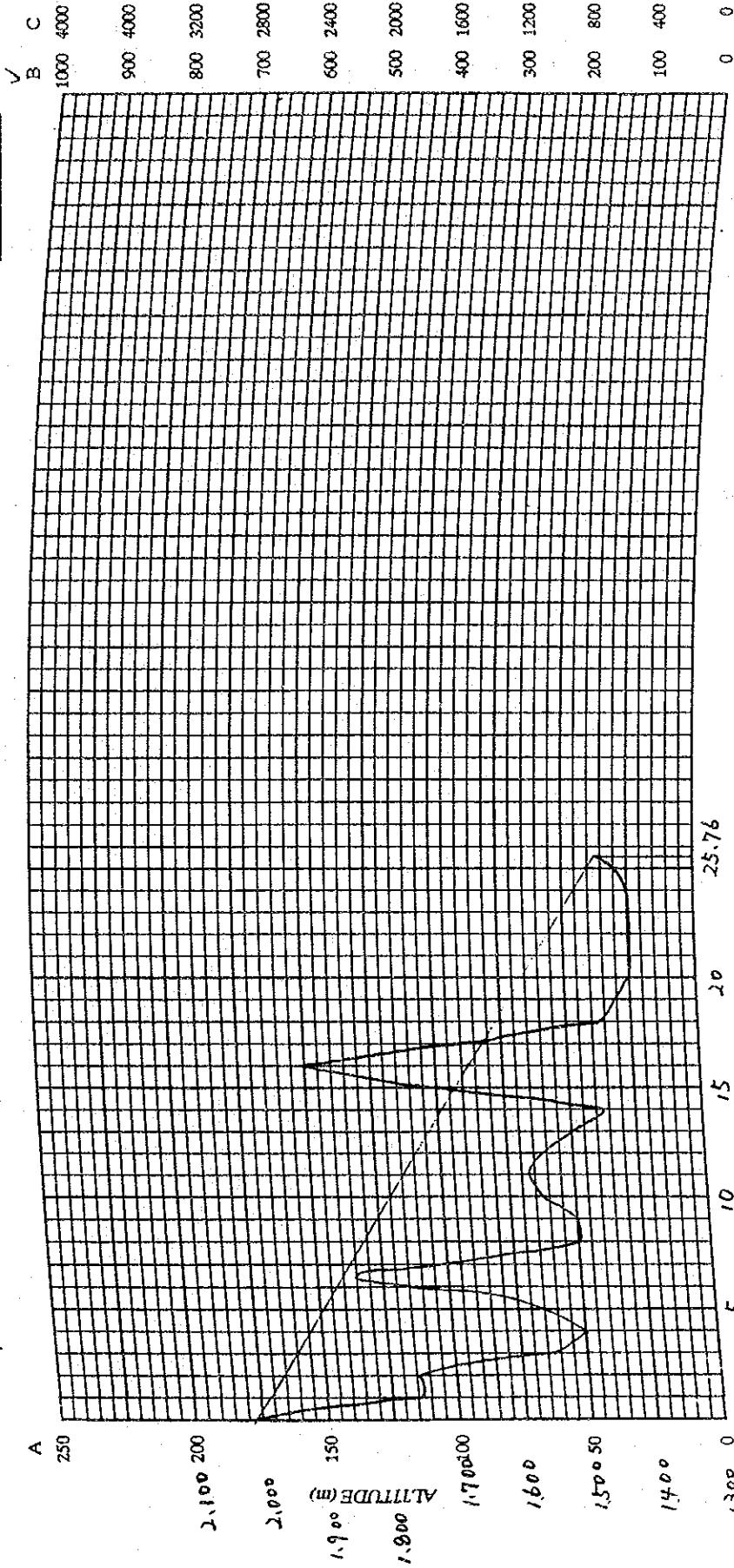
STATION NAME		SÜT TEPE	SAIMBEYLİ
ALTITUDE		2.013 m	980 m
ANTENNA HEIGHT			
LOCATION	N	38° 02' 09"	37° 59' 12"
	E	36° 10' 24"	36° 05' 17"
DISTANCE		9.27 km	

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

k=4/3

MAP No. L36



SCALE:

- A=30km
- ✓ B=60km
- C=120km

DISTANCE (km)

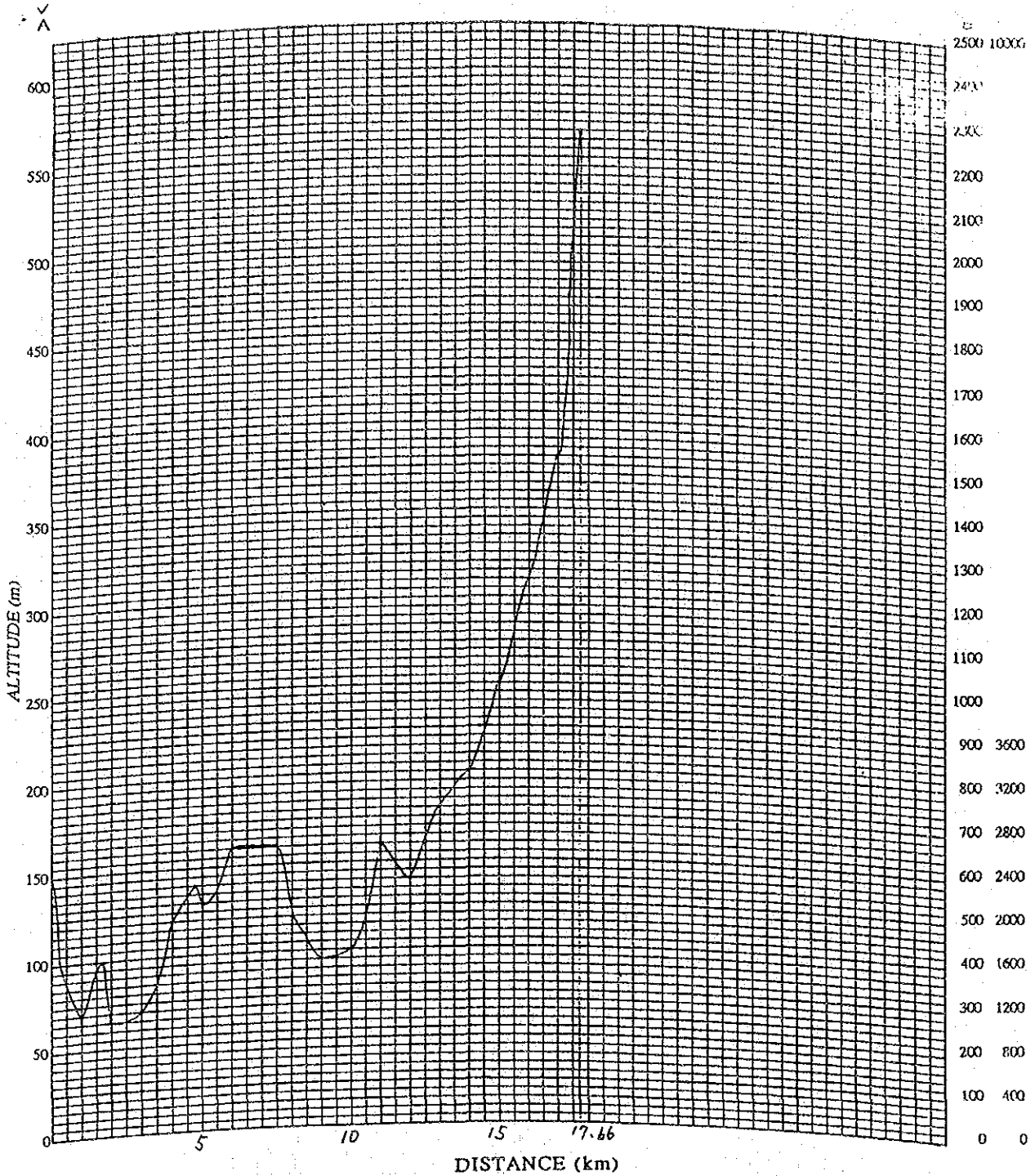
STATION NAME	SÜT TEPE	TUFANBEYLİ
ALTITUDE	2,013 m	1,450 m
ANTENNA HEIGHT		
LOCATION	N 38° 02' 09"	38° 16' 00"
	E 36° 10' 24"	36° 12' 17"
DISTANCE		25.76 Km

DENSETSU ENGINEERING CORPORATION

$k=4/3$

TERRAIN PROFILE

MAP No. N34-C1
d2
a3



SCALE:

- ✓ A = 30km
- B = 60km
- C = 120km

STATION NAME		CATALAN DAM	SALLANGAC T.
ALTITUDE		150 m	559 m
ANTENNA HEIGHT			
LOCATION	N	37° 11' 50"	37° 19' 41"
	E	35° 17' 19"	35° 10' 31"
DISTANCE		17.66 Km	

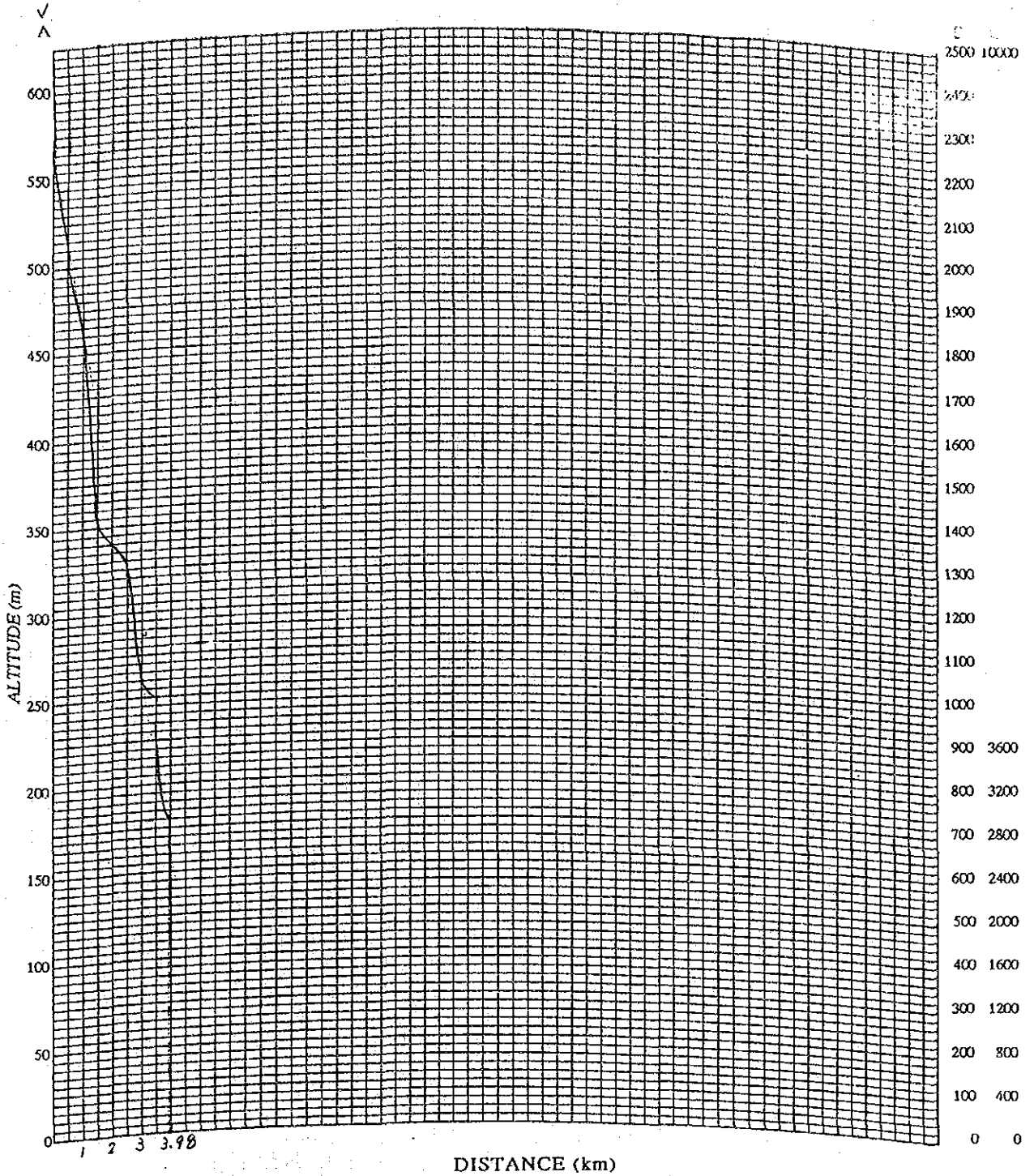
DENSETSU ENGINEERING CORPORATION

2-5

$k=4/3$

TERRAIN PROFILE

MAP No. N34-a3



SCALE:
 $\sqrt{A} = 30\text{km}$
 $B = 60\text{km}$
 $C = 120\text{km}$

24-3

STATION NAME		SALLANGAC T.	1820 (WL)
ALTITUDE		559 m	180 m
ANTENNA HEIGHT			
LOCATION	N	37° 19' 41"	37° 17' 48"
	E	35° 10' 31"	35° 9' 13"
DISTANCE		3.98 km	

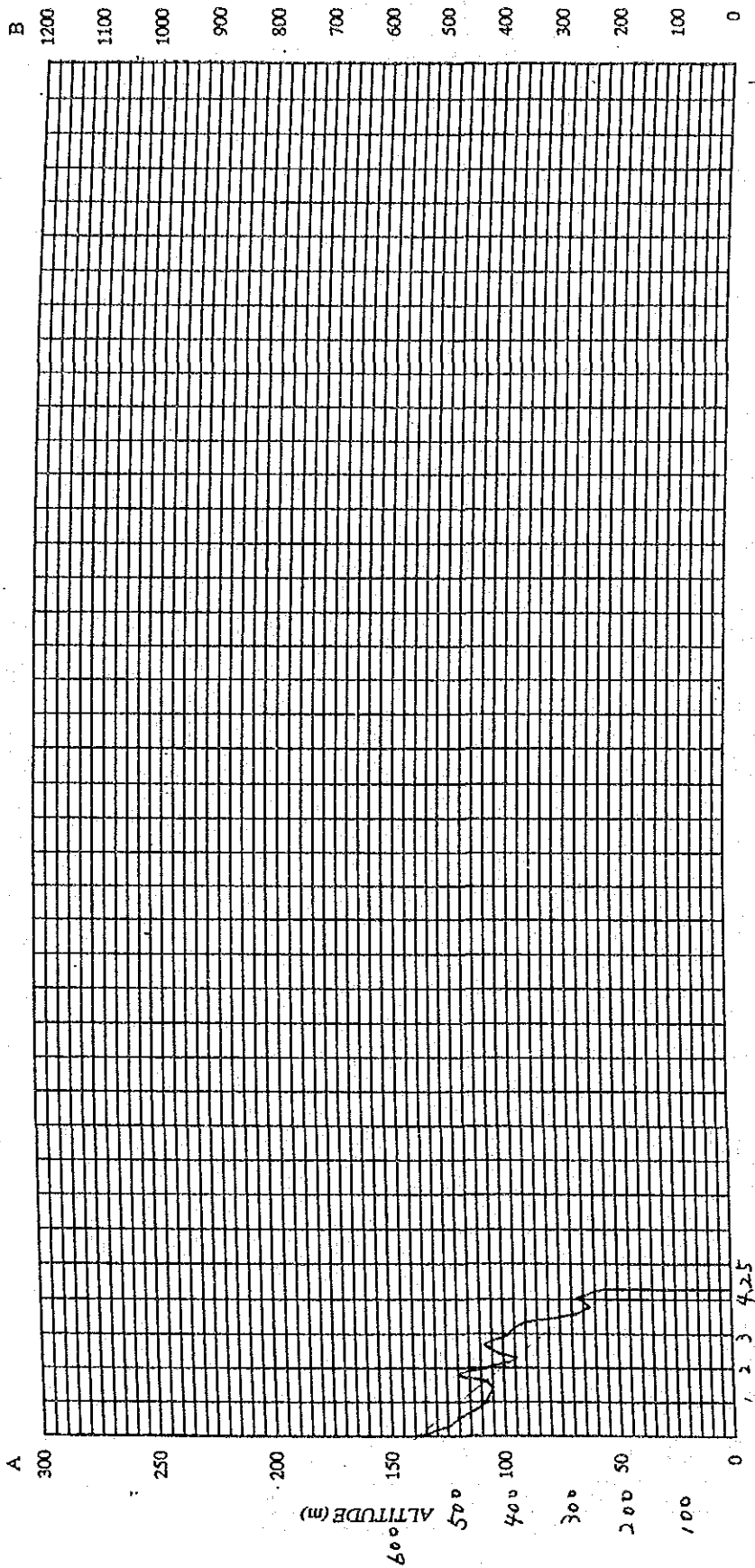
DENSETSU ENGINEERING CORPORATION

24-2

$k=4/3$

TERRAIN PROFILE

MAP No. N34 - 0.3



SCALE:
A = 20km
V B = 40km

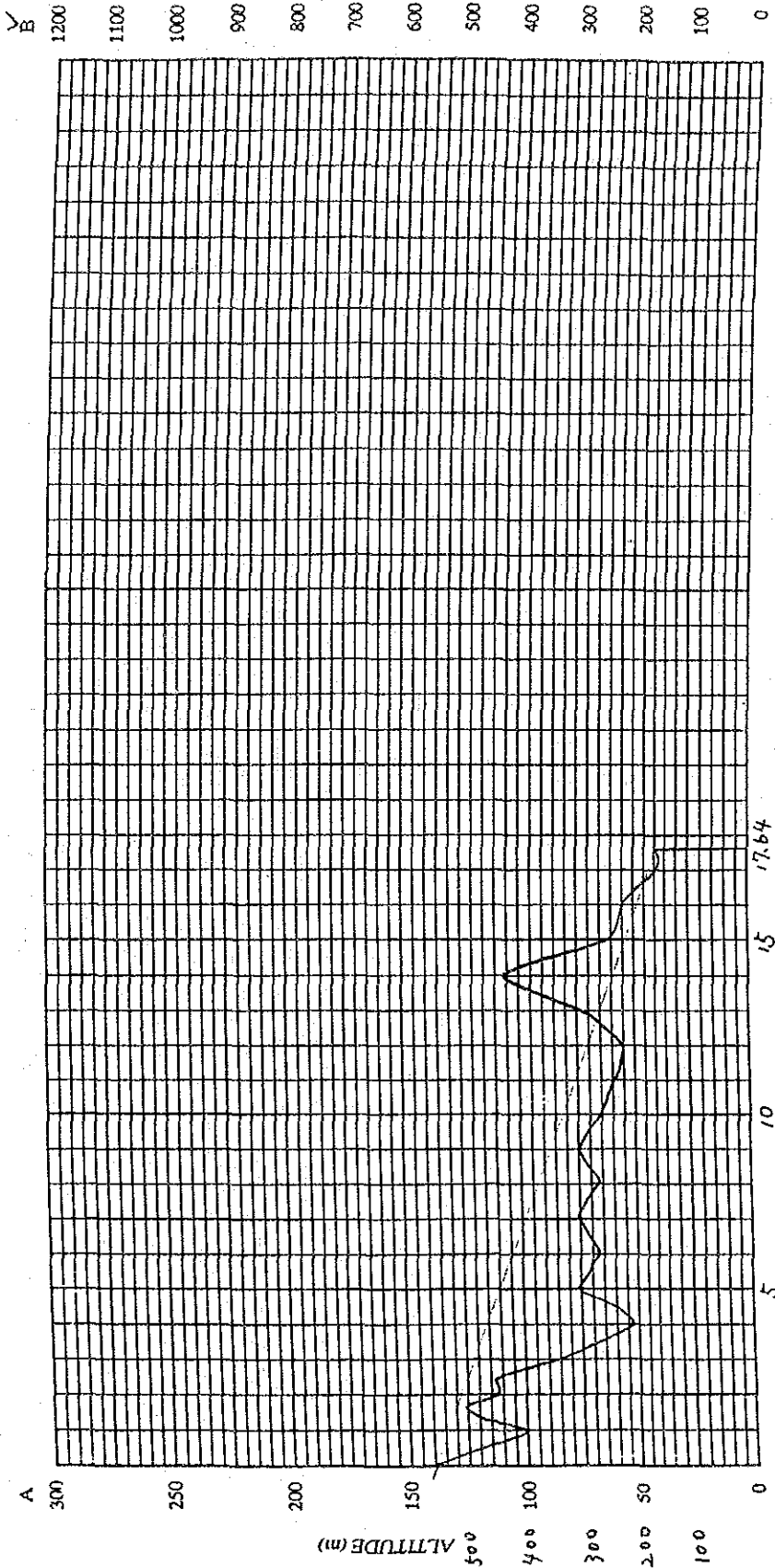
STATION NAME	SALLANGAC T.	1825 (WL)
ALTITUDE	559 m	230 m
ANTENNA HEIGHT		
LOCATION	N 37° 19' 41"	37° 21' 48"
	E 35° 10' 34"	35° 11' 30"
DISTANCE		4.25 km

DENSETSU ENGINEERING CORPORATION

N34-23
" " 94
MAP No. " 21

TERRAIN PROFILE

k = 4/3



STATION NAME	SALLANGAC T	18 17 WL
ALTITUDE	559 m	160 m
ANTENNA HEIGHT		
LOCATION	N E	37° 19' 41" 35° 10' 31"
DISTANCE		17.64 km

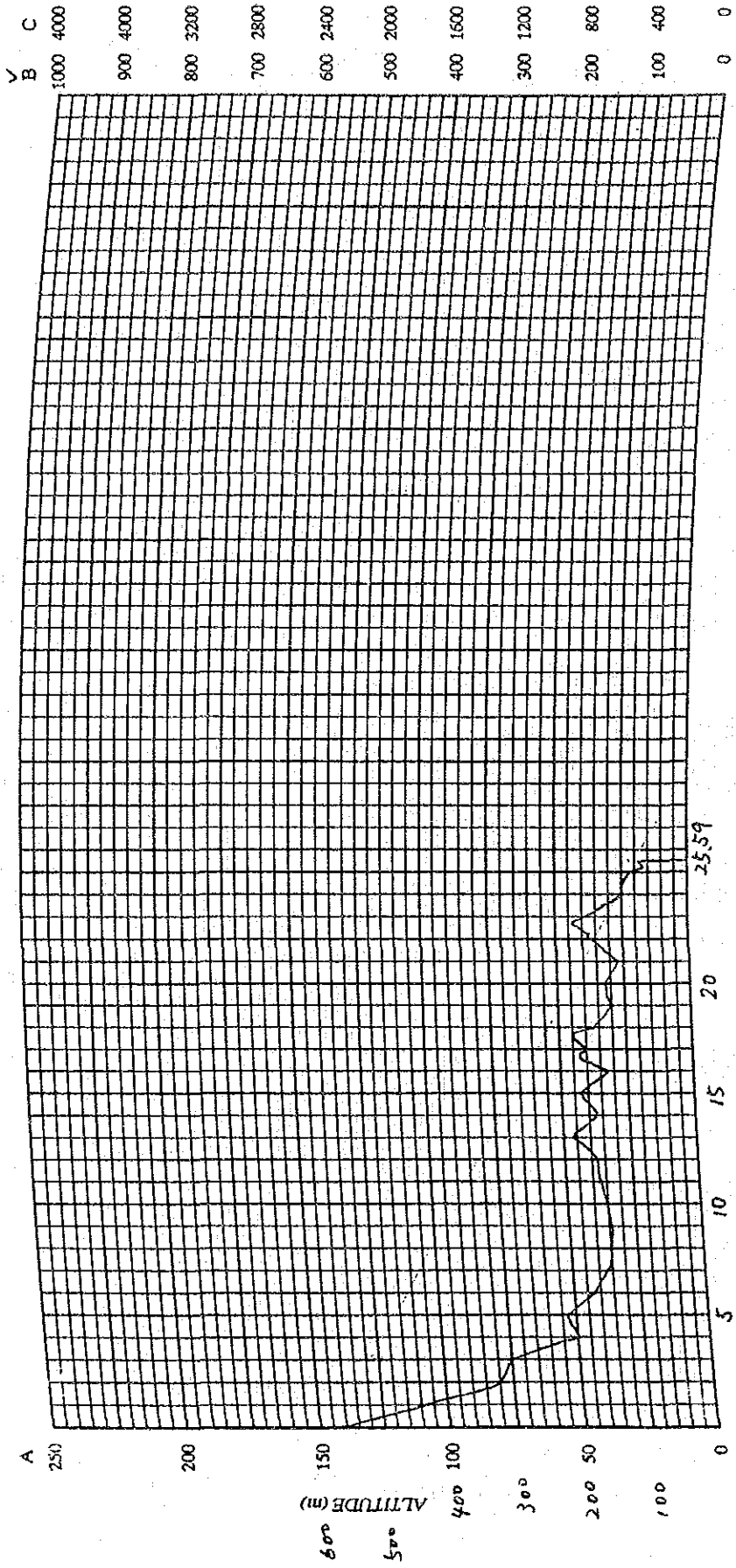
SCALE:
A = 20km
V B = 40km

DENSETSU ENGINEERING CORPORATION

N34 - 03
d2
d1
d4

TERRAIN PROFILE

k = 4/3



DISTANCE (km)

SCALE:
A = 30km
B = 60km
C = 120km

STATION NAME	SALLANGAÇ T	18 28 WL
ALTITUDE	559 m	78 m
ANTENNA HEIGHT		
LOCATION	N 37° 19' 41"	37° 6' 14"
	E 35° 10' 31"	35° 6' 29"
DISTANCE		25.59 km

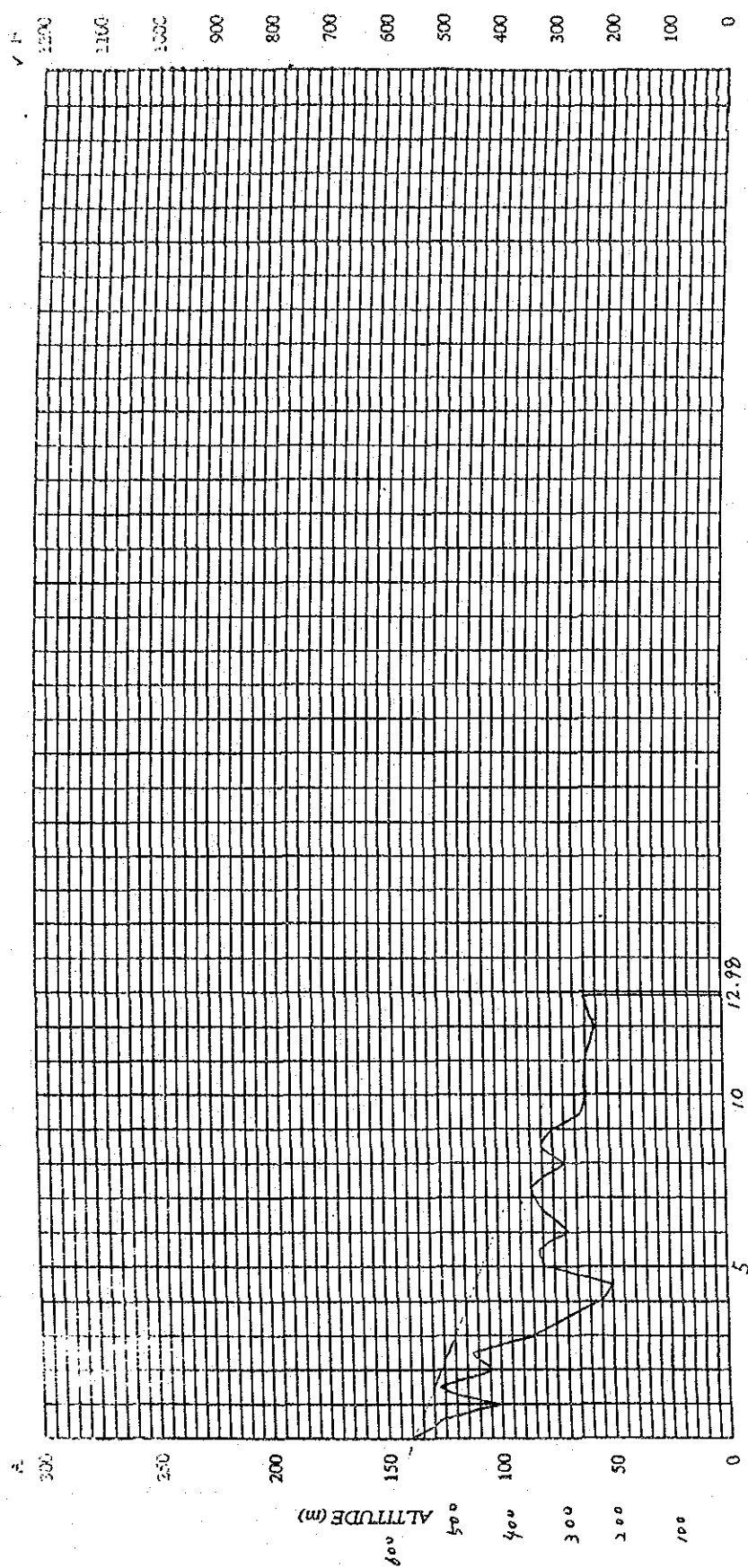
DENSETSU ENGINEERING CORPORATION

4-22

k=4/3

TERRAIN PROFILE

MAP No. 134-03, 04



SCALE:
A = 20km
V B = 40km

DISTANCE (km)

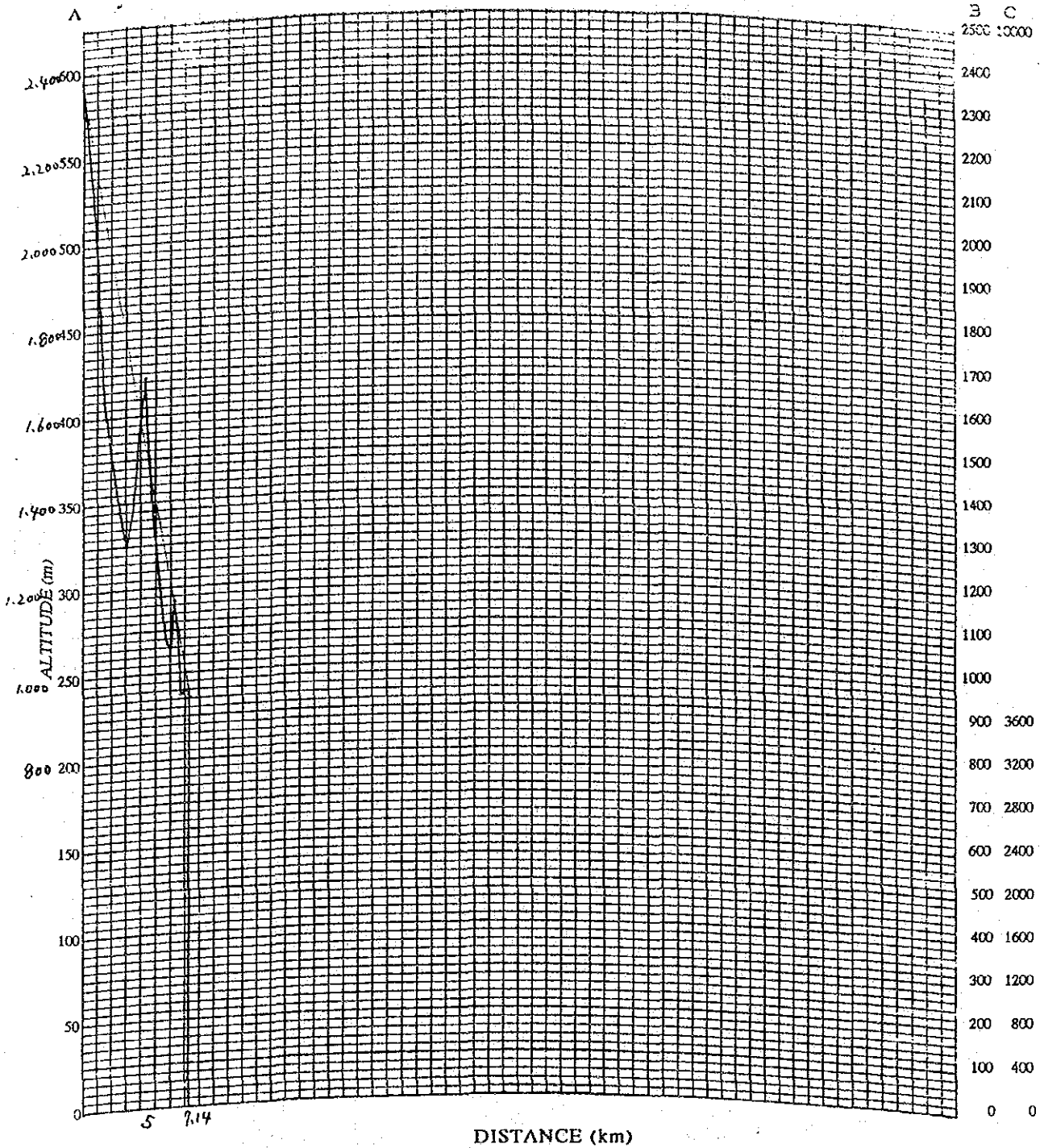
STATION NAME	SALLANGAC T.	KARAI SALI (Rg)
ALTITUDE	559 m	241 m
ANTENNA HEIGHT		
LOCATION	N 37° 19' 41"	37° 15' 34"
	E 35° 10' 31"	35° 03' 24"
DISTANCE	12.98 km	

DENSETSU ENGINEERING CORPORATION

k=4/3

TERRAIN PROFILE

N33-61
MAP No. M33-C4



SCALE:
A = 30km
B = 60km
C = 120km

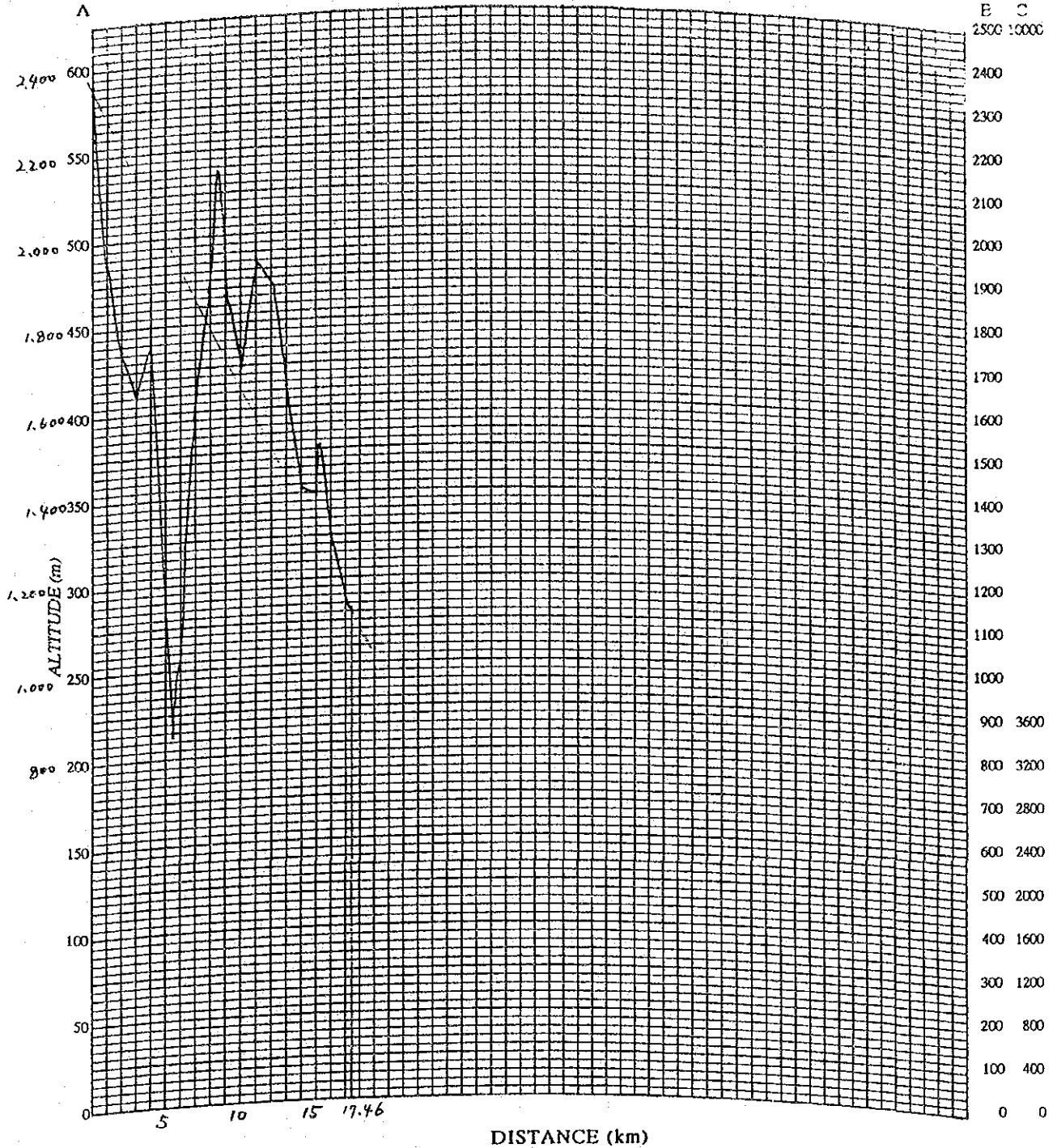
STATION NAME		BİLEGE T.	ÇİFTEHAN
ALTITUDE		2.350 m	960 m
ANTENNA HEIGHT			
LOCATION	N	37° 27' 09"	37° 30' 47"
	E	34° 48' 04"	34° 46' 26"
DISTANCE		7.14 km	

DENSETSU ENGINEERING CORPORATION

$k=4/3$

TERRAIN PROFILE

N33-61
M33-C4
MAP No. " C3



SCALE:
A = 30km
✓ B = 60km
C = 120km

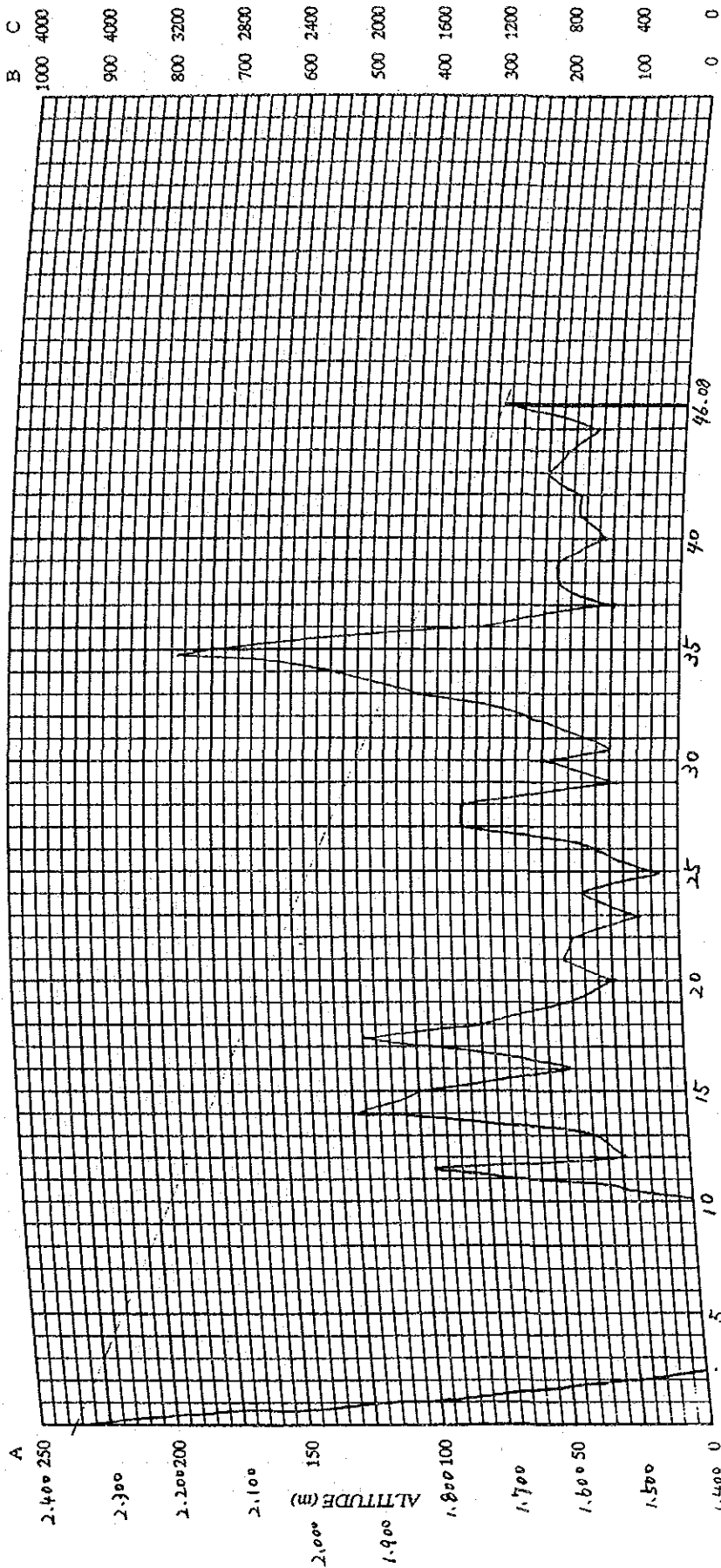
STATION NAME	BILEGE T.		KAMISLI
ALTITUDE	2.350 m		1.130 m
ANTENNA HEIGHT			
LOCATION	N	37° 27' 09"	37° 33' 21"
	E	34° 48' 04"	34° 57' 00"
DISTANCE	17.46 km		

DENSETSU ENGINEERING CORPORATION

N33-b1
M33-C4
7 C3
MAP No. : 93

TERRAIN PROFILE

k=4/3



DISTANCE (km)

SCALE:
A = 30km
B = 60km
C = 120km

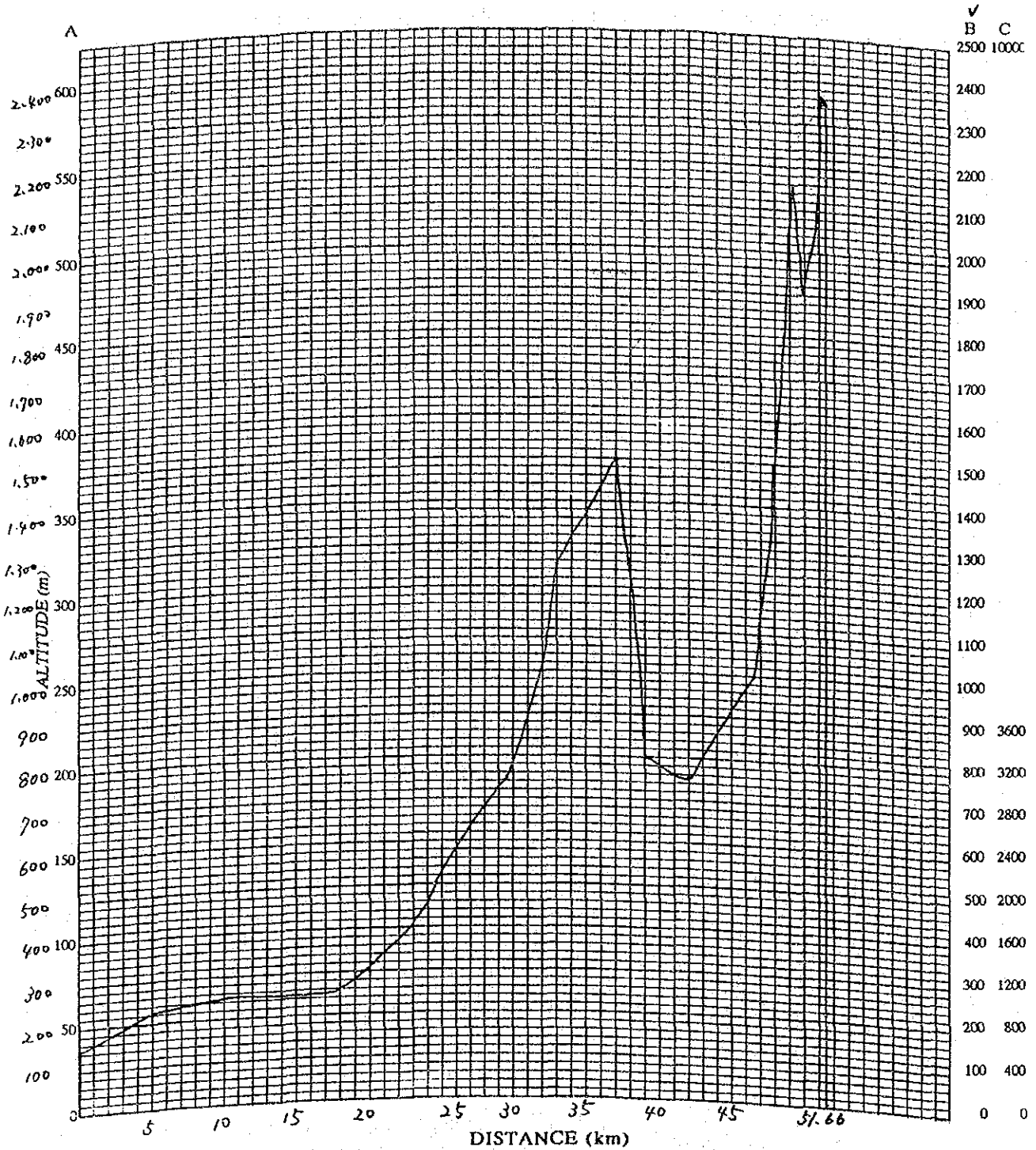
STATION NAME	BILEGE T.	CAMARDI (ALTERNATIVE)
ALTITUDE	2,350 m	1,670 m
ANTENNA HEIGHT		
LOCATION	N 37° 27' 09"	37° 50' 30"
	E 34° 48' 04"	34° 59' 00"
DISTANCE		46.08 km

DENSETSU ENGINEERING CORPORATION

$k=4/3$

TERRAIN PROFILE

MAP No. N34, N33



SCALE:
 A = 30km
 V B = 60km
 C = 120km

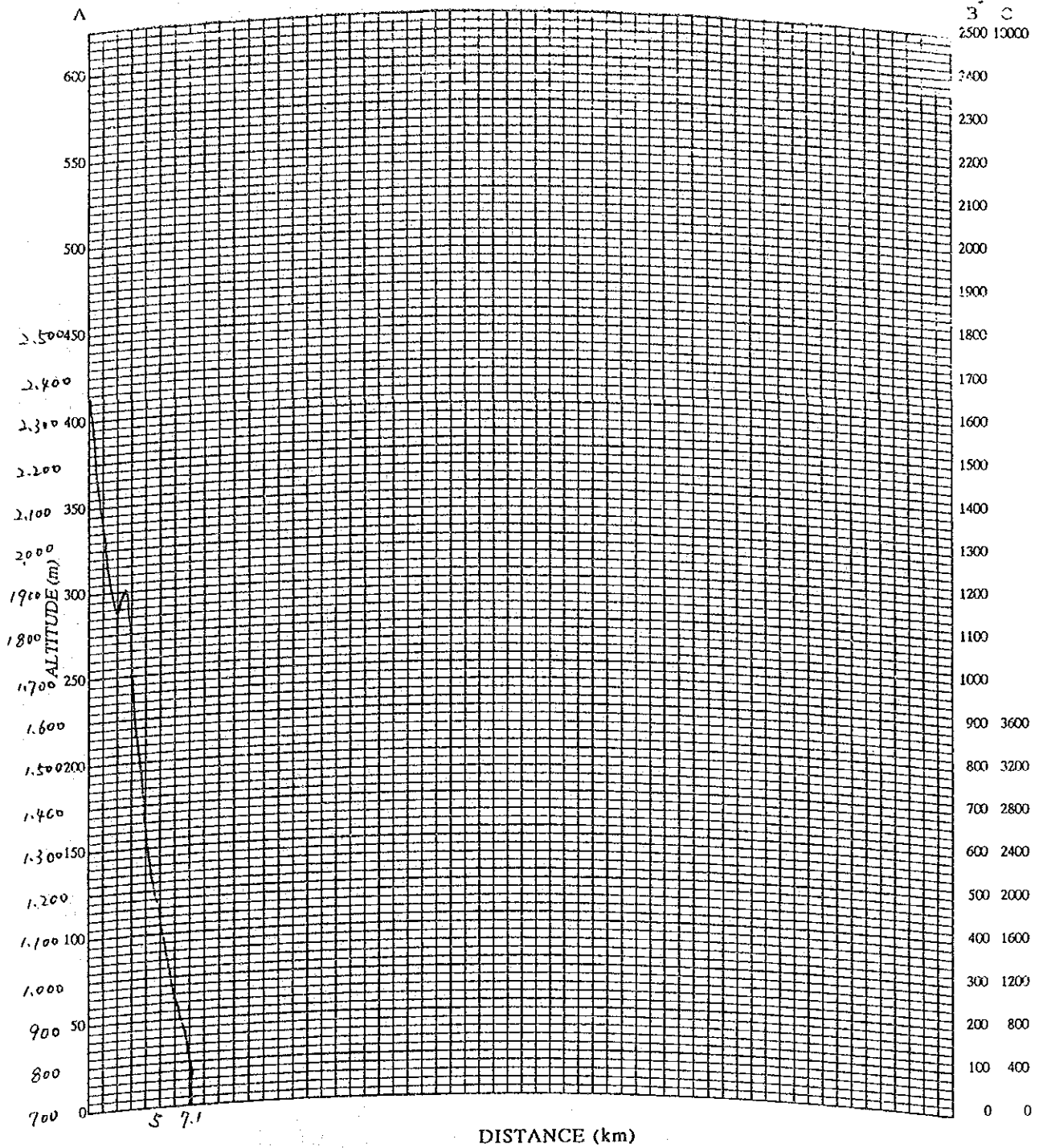
STATION NAME		CATALAN DAM	BILEGE T.
ALTITUDE		150 m	2.350 m
ANTENNA HEIGHT			
LOCATION	N	37° 11' 50"	37° 27' 09"
	E	35° 17' 19"	34° 48' 04"
DISTANCE		51.66 Km	

DENSETSU ENGINEERING CORPORATION

$k=4/3$

TERRAIN PROFILE

MAP No. N33



SCALE:
 A = 30km
 v B = 60km
 C = 120km

STATION NAME		BILEGE T.	POZANTI
ALTITUDE		2.350 m	780m
ANTENNA HEIGHT			
LOCATION	N	37° 27' 09"	37° 25' 24"
	E	34° 48' 04"	34° 52' 21"
DISTANCE		7.1 km	

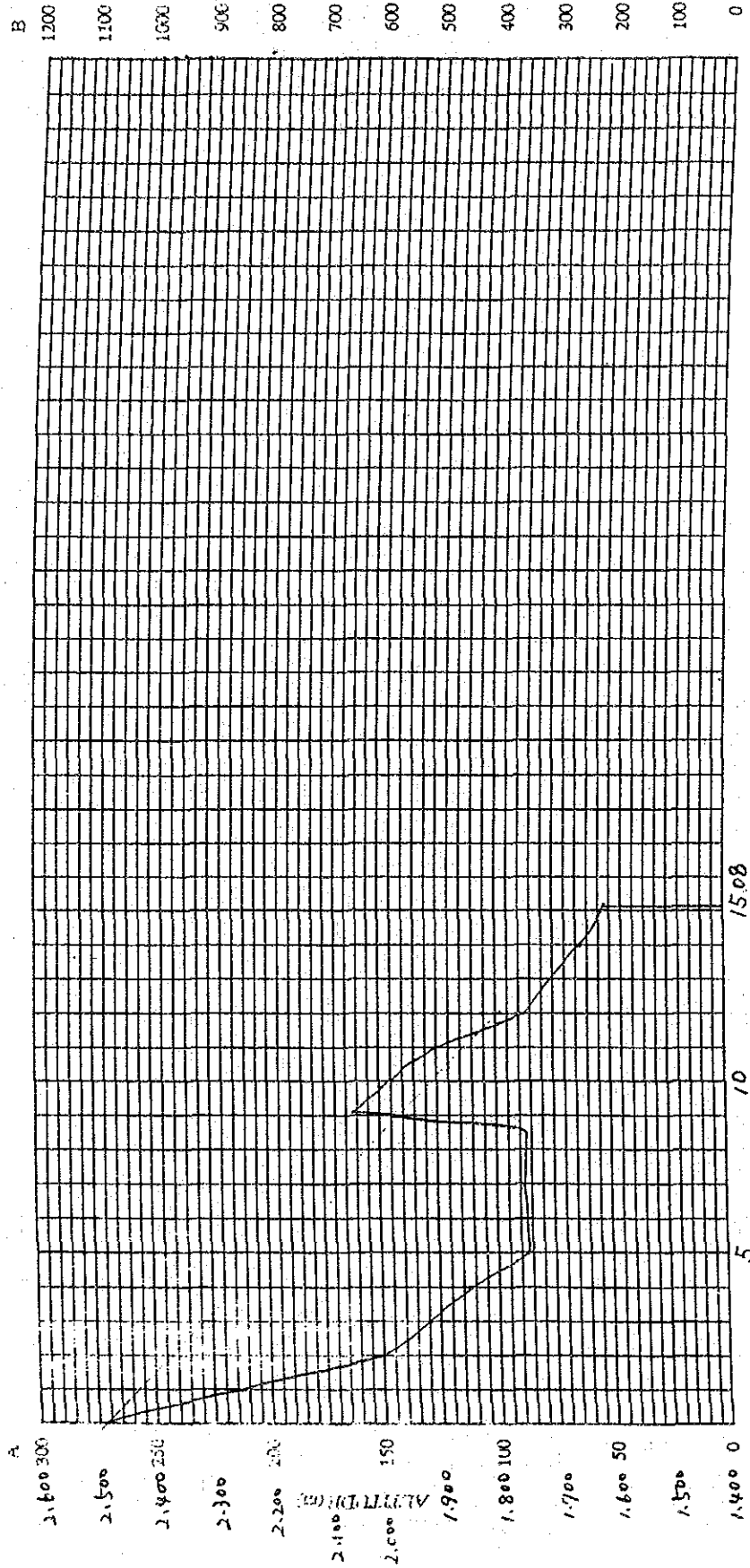
DENSETSU ENGINEERING CORPORATION

11-1

TERRAIN PROFILE

k = 4/3

MAP No. L36



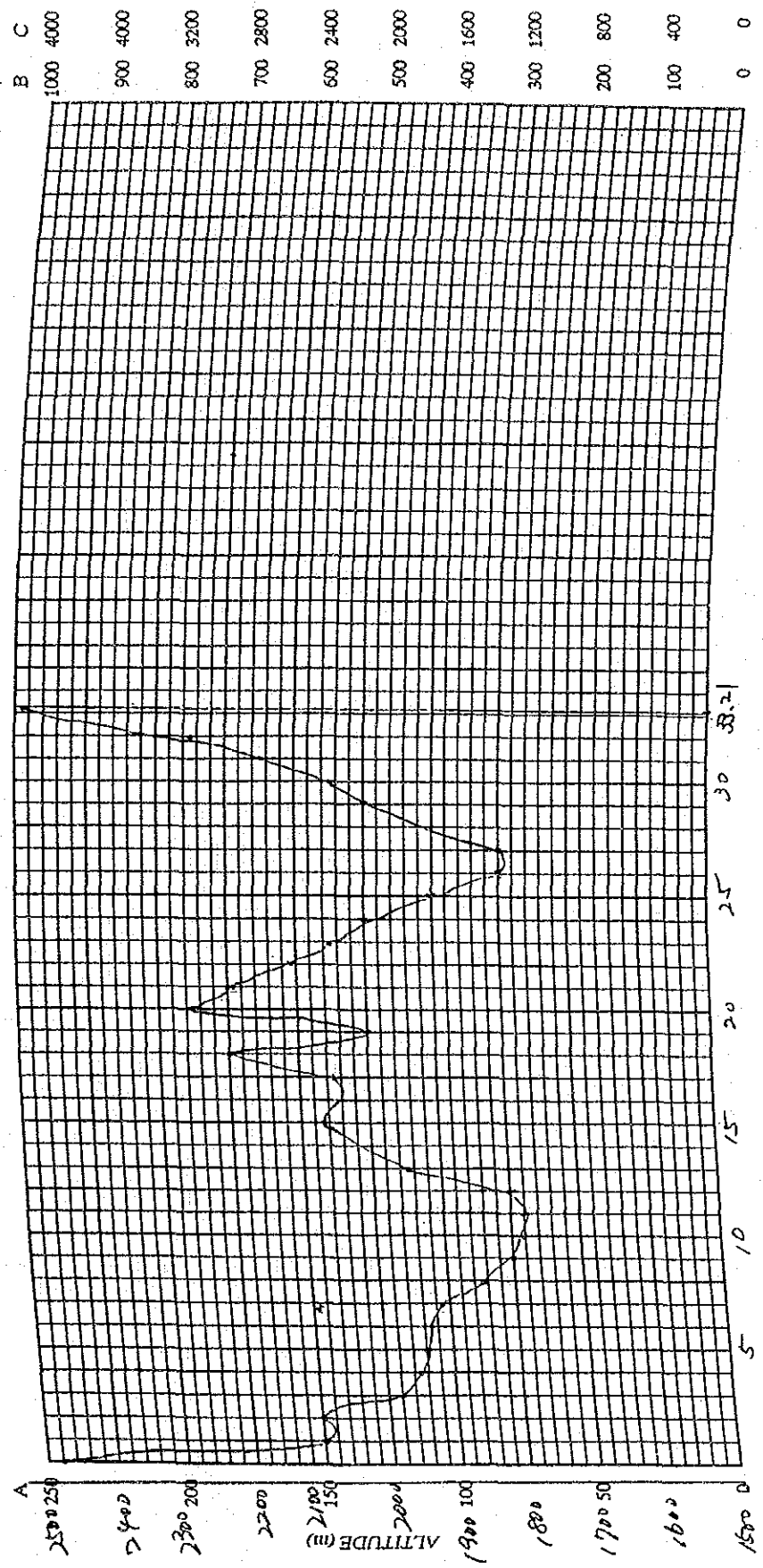
STATION NAME	KILKOYAK T.	SARIZ (Rg)
ALTITUDE	2,485m	1,615m
ANTENNA HEIGHT		
LOCATION	N.....38° 23' 21"38° 29' 35"
	E.....36° 21' 26"36° 28' 07"
DISTANCE		15.08km

SCALE:
A = 20km
B = 40km

TERRAIN PROFILE

MAP No. 4-36 K36

k=4/3



DISTANCE (km)

SCALE:
 A = 30km
 B = 60km
 C = 120km

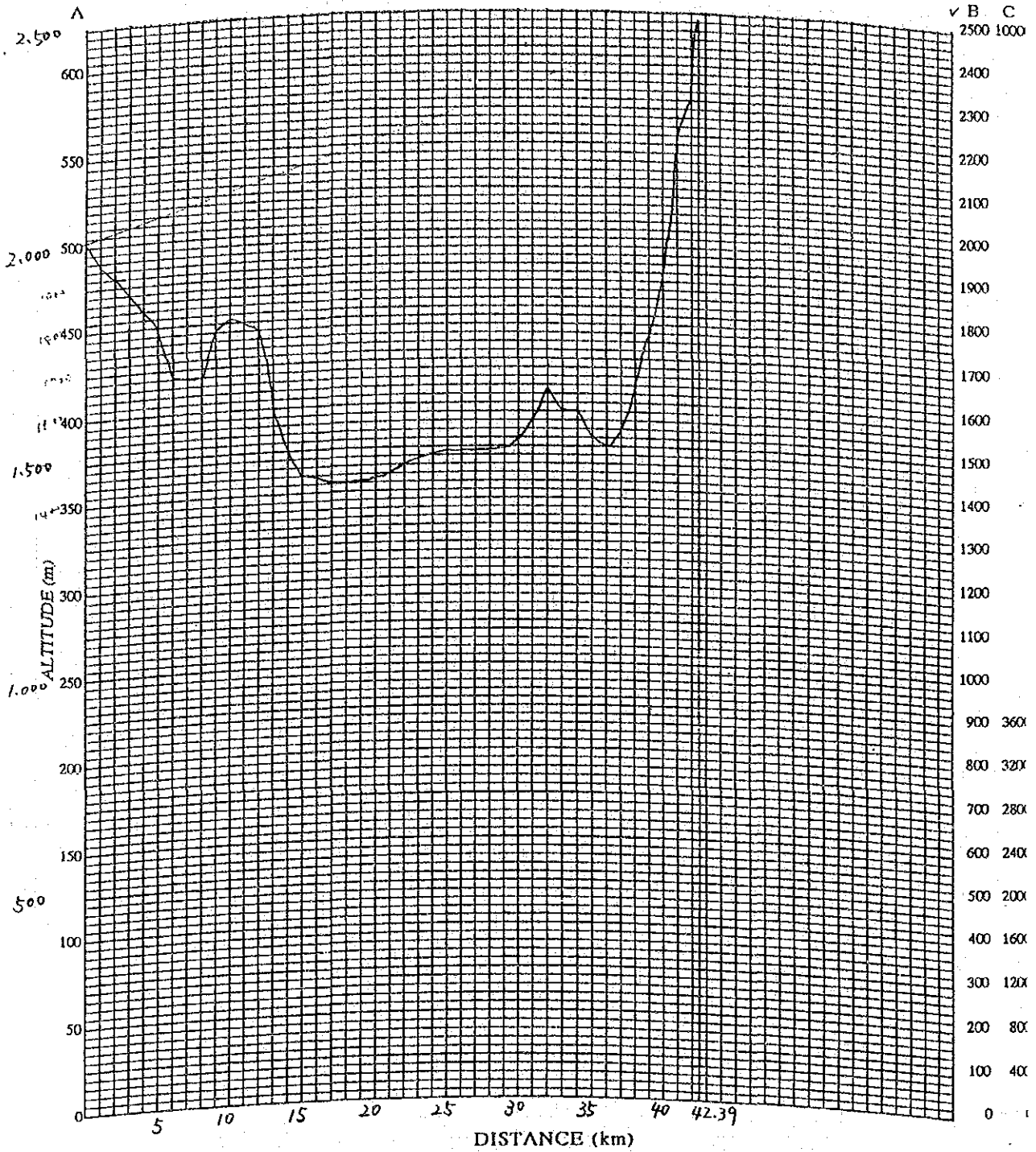
STATION NAME	KILKODYAK.7	SIRVAN DAĞI
ALTITUDE	2485 m	2300
ANTENNA HEIGHT		
LOCATION	N 38° 23' 21"	38° 41' 08"
	E 36° 21' 26"	36° 24' 33"
DISTANCE		33.21 Km

DENSETSU ENGINEERING CORPORATION

$k=4/3$

TERRAIN PROFILE

MAP No. 136



SCALE:
 A= 30km
 ✓ B= 60km
 C= 120km

STATION NAME		SUT TEPE	KILKOYAK T.
ALTITUDE		2.013m	2.485m
ANTENNA HEIGHT			
LOCATION	N	38° 02' 09"	38° 23' 21"
	E	36° 10' 24"	36° 21' 26"
DISTANCE		42.39 km	

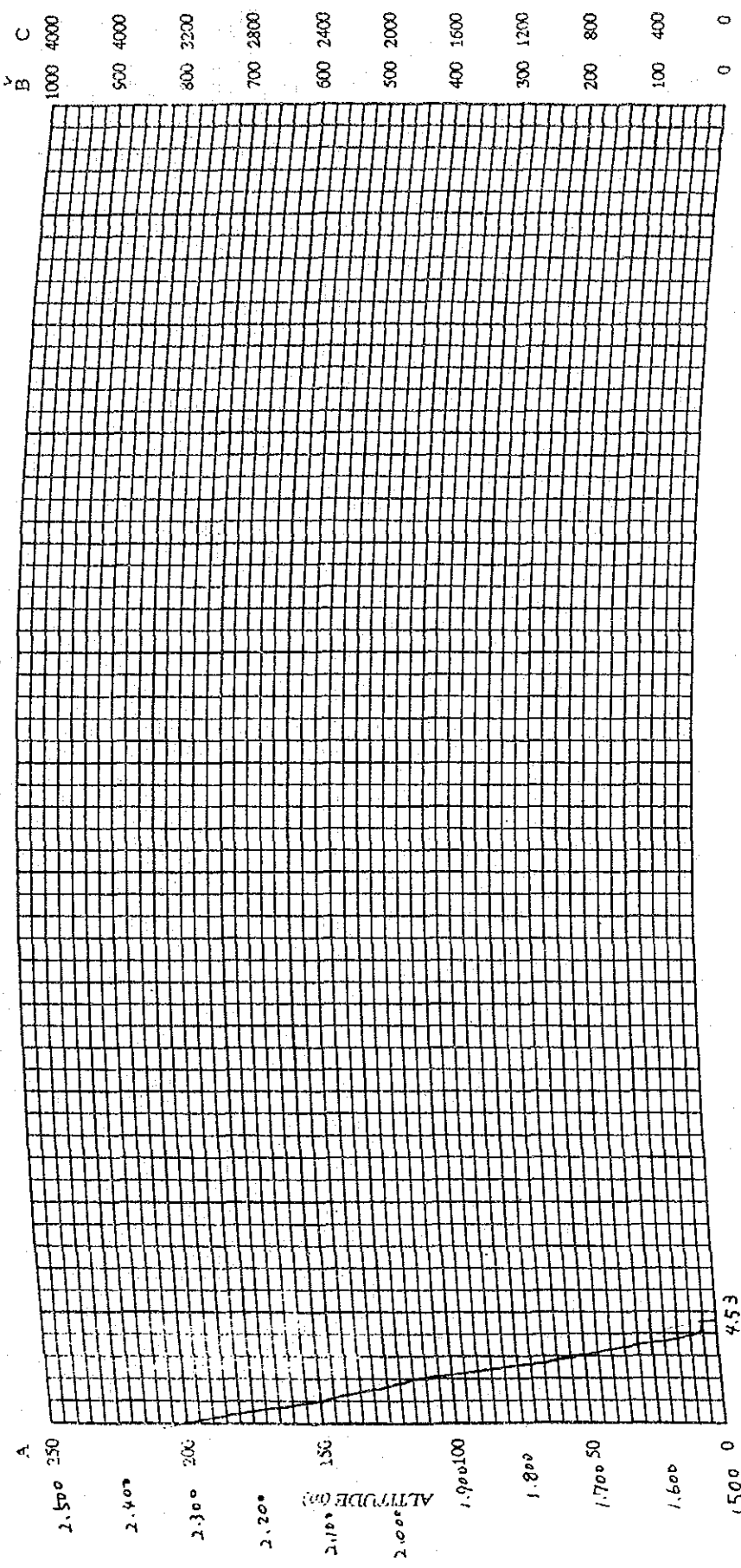
DENSETSU ENGINEERING CORPORATION

13-2

TERRAIN PROFILE

MAP No. K 36

$k=4/3$



B C
1000 4000
500 4000
800 3200
700 2800
600 2400
500 2000
400 1600
300 1200
200 800
100 400
0 0

A
2,500 250
2,400
2,300 200
2,200
2,100 150
2,000
1,900 100
1,800
1,700 50
1,600
1,500 0

SCALE:
A = 30km
√ B = 60km
C = 120km

DISTANCE (km)

STATION NAME	SIRVAN DAGI	PINARBA SI (RG)
ALTITUDE	2.300 m	1.525 m
ANTENNA HEIGHT		
LOCATION	N 38° 41' 08"	38° 43' 30"
	E 36° 24' 33"	36° 23' 45"
DISTANCE	4.53 km	

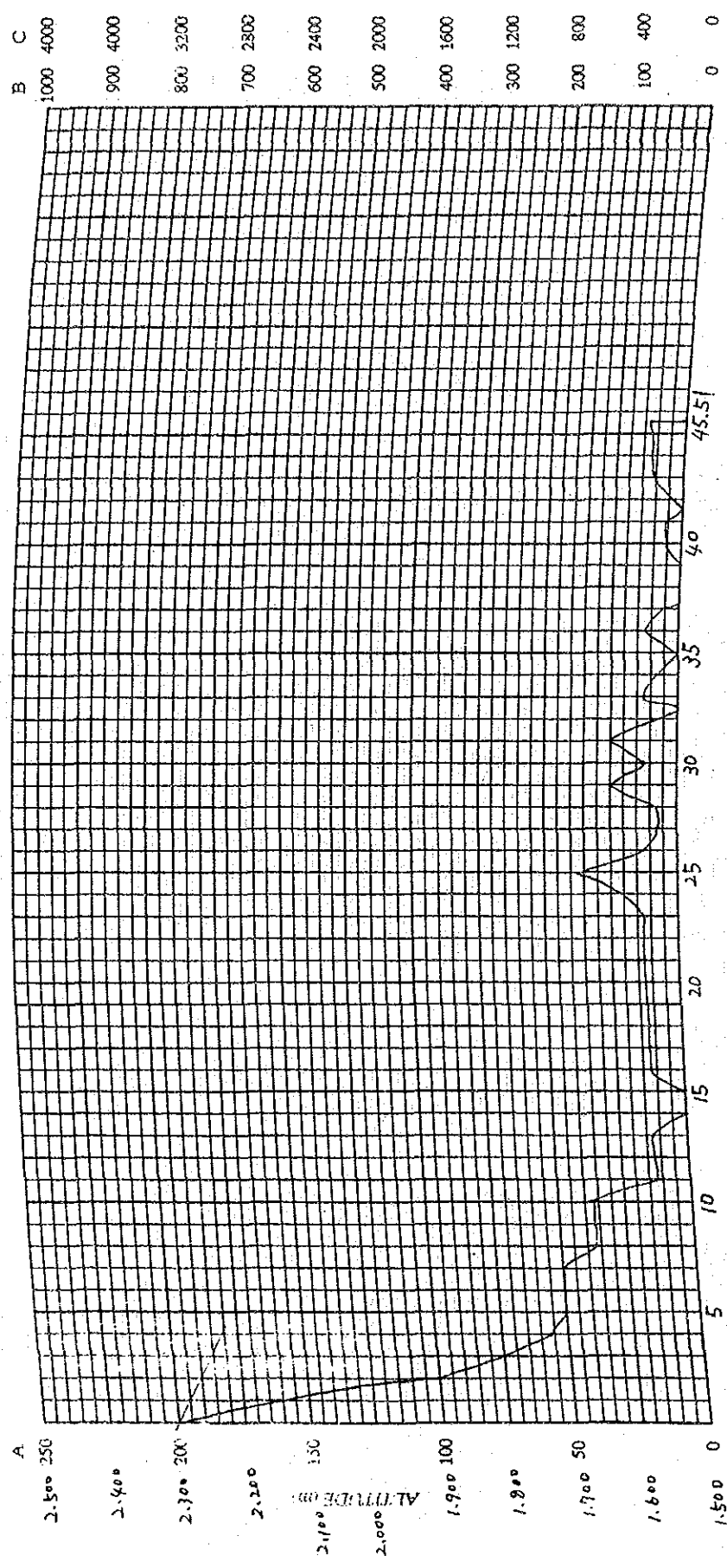
DENSETSU ENGINEERING CORPORATION

13-5

$k=4/3$

TERRAIN PROFILE

MAP No. K36, L36



SCALE:
 A = 30km
 V B = 60km
 C = 120km

STATION NAME	SIRVAN DAĞI	TO KLAR (RG)
ALTITUDE	2.300 m	1.550 m
ANTENNA HEIGHT		
LOCATION	N 38° 41' 09"	E 38° 25' 09"
	E 36° 24' 33"	E 36° 00' 44"
DISTANCE	45.51 km	

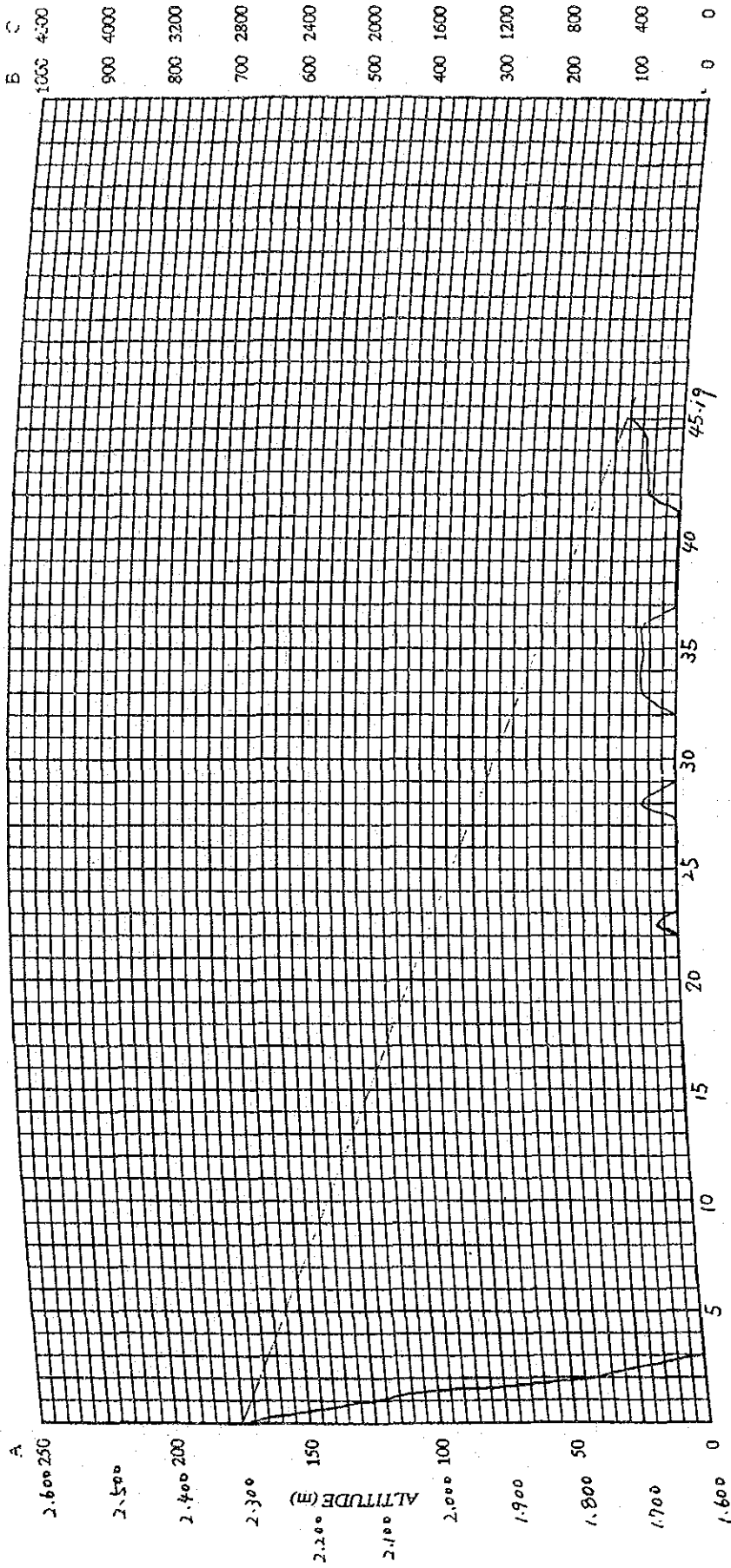
DENSETSU ENGINEERING CORPORATION

13-1

$k = 4/3$

TERRAIN PROFILE

MAP No. K36. K37. J37



DISTANCE (km)

SCALE:
 A = 30km
 v B = 60km
 C = 120km

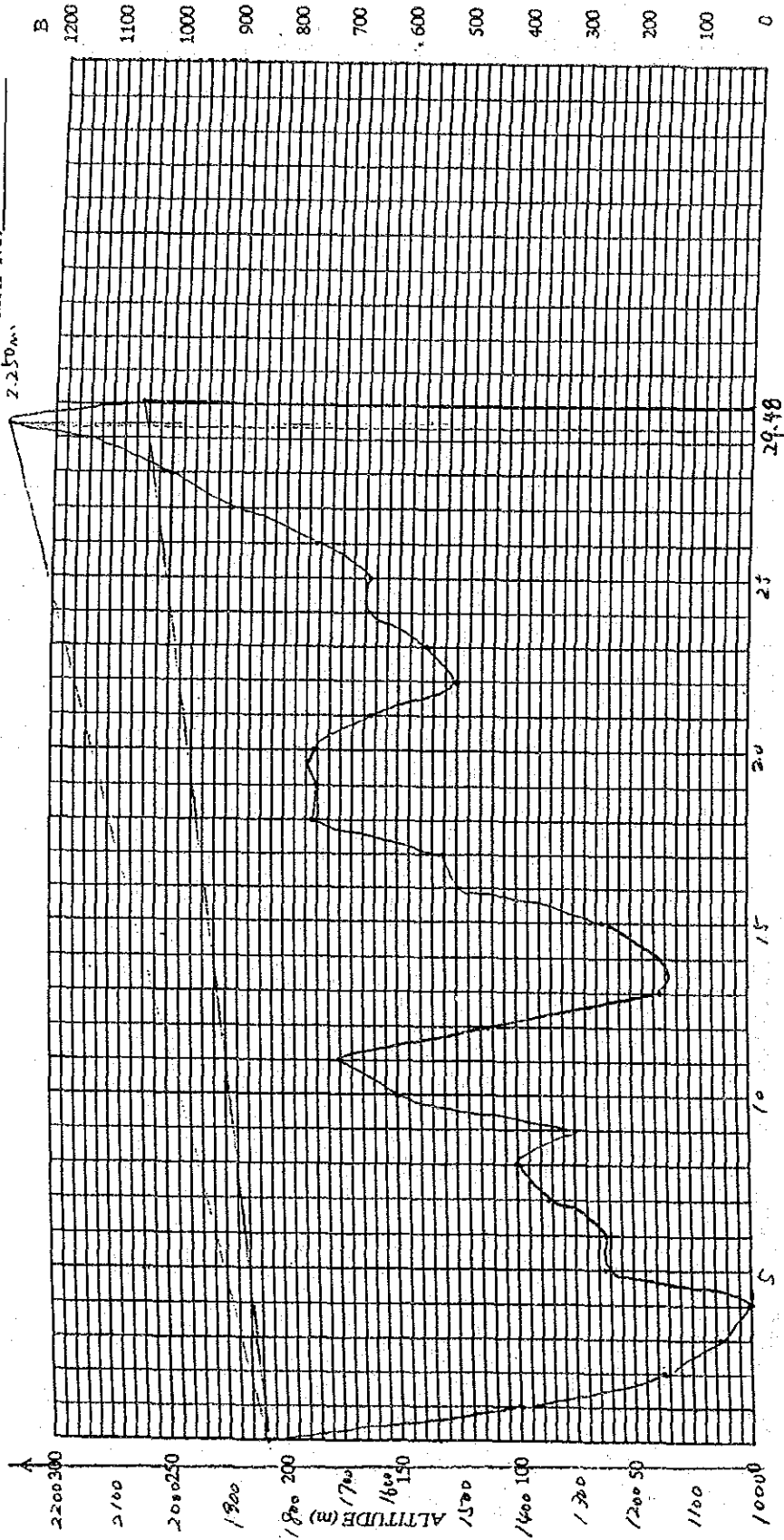
STATION NAME	SIRVAN DAĞI	KAZANCIK (R9)
ALTITUDE	2.300 m	1.687 m
ANTENNA HEIGHT		
LOCATION	N 39° 41' 08"	39° 04' 29"
	E 36° 24' 33"	36° 33' 45"
DISTANCE	45.19 km	

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

k=4/3

MAP No. L35, M35



SCALE:

A = 20km

✓ B = 40km

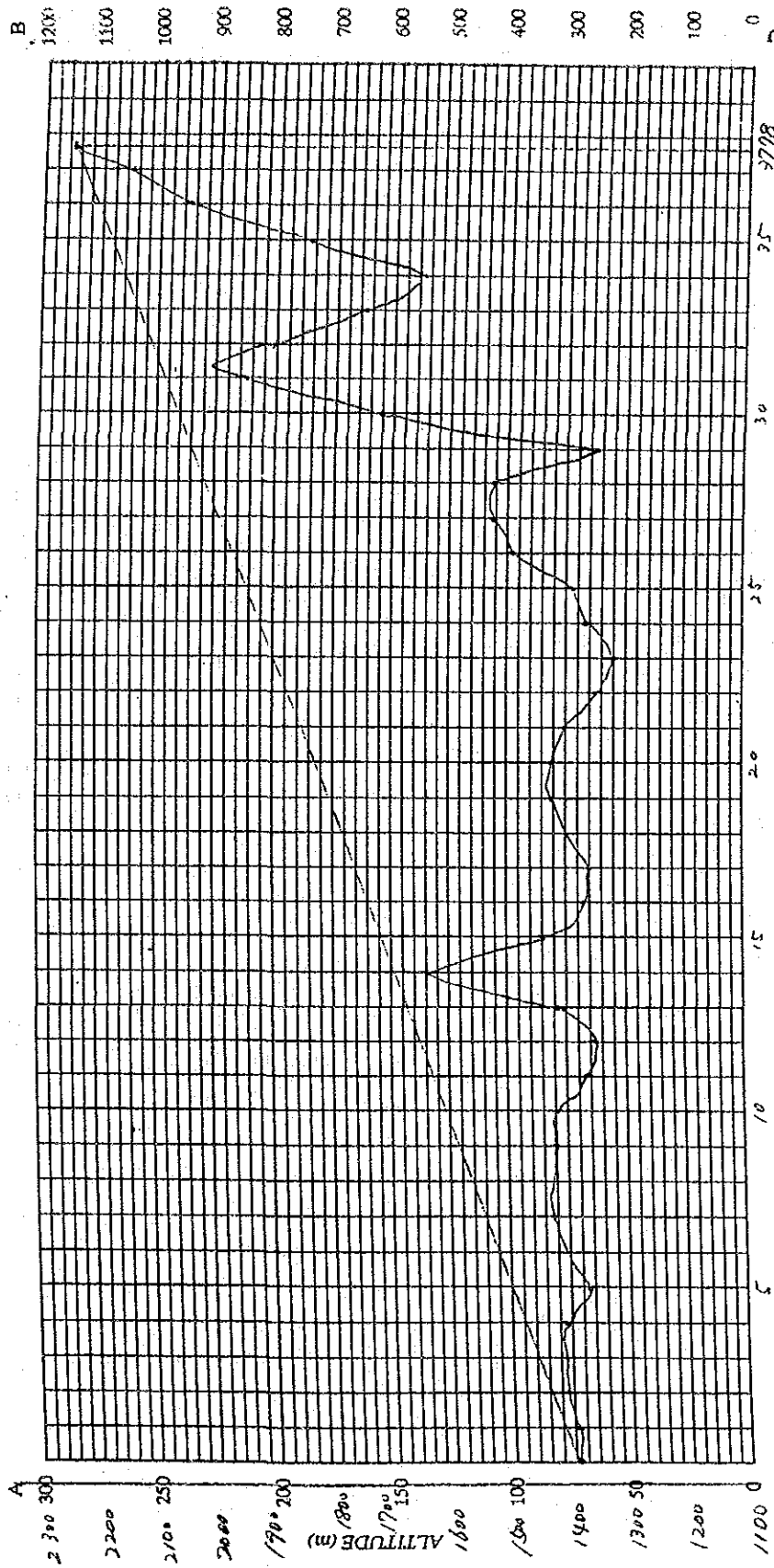
STATION NAME	FEKE DAĞI	ALAYLI (ZIYARET I.)
ALTITUDE	1838m	2250 m.
ANTENNA HEIGHT		
LOCATION	N 37° 52' 55"	38° 08' 39"
	E 35° 35' 44"	35° 48' 57"
DISTANCE		29.48km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

MAP No. 235

$k=4/3$



DISTANCE (km)

SCALE:

A = 20km

B = 40km

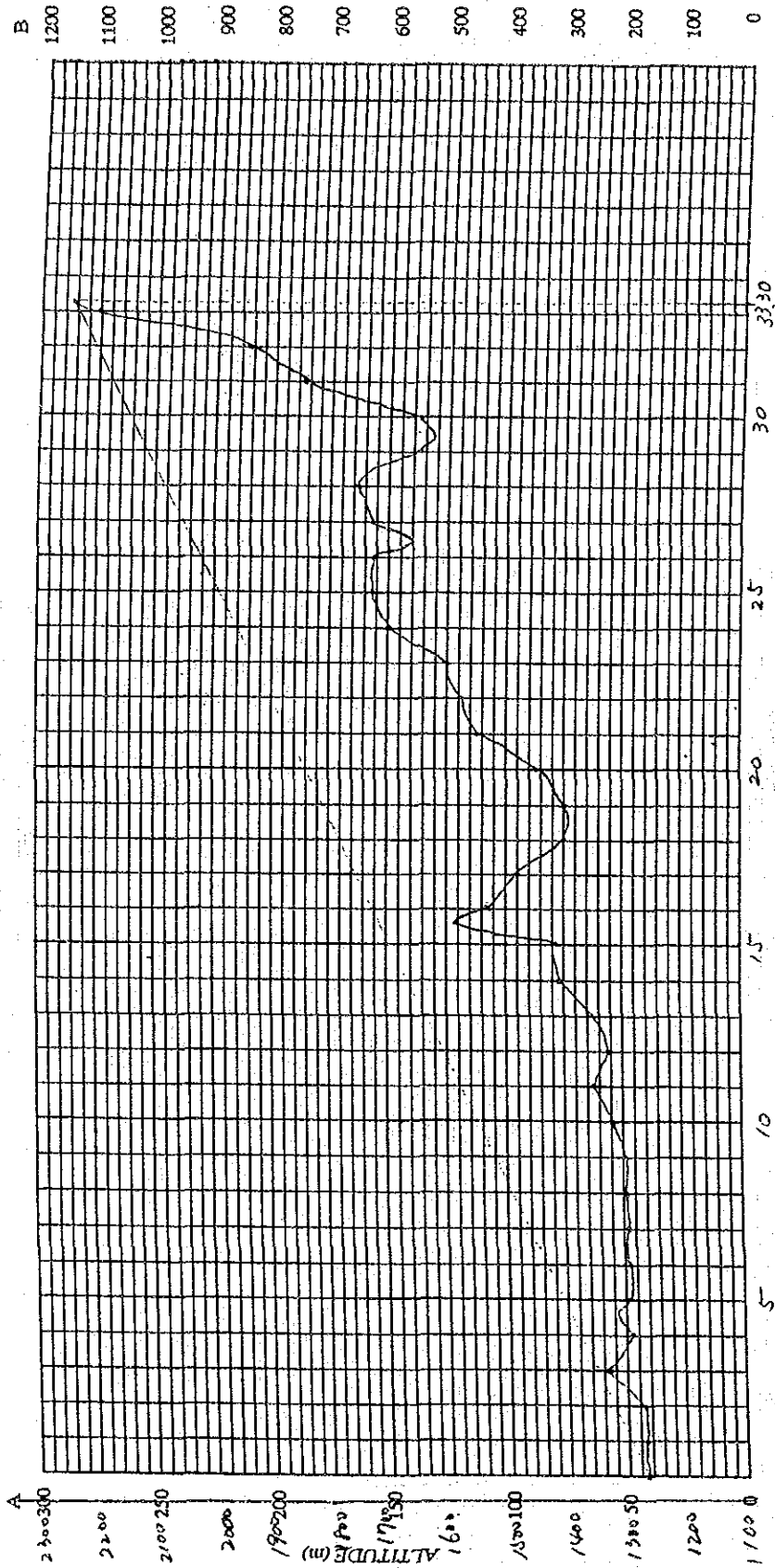
STATION NAME	TO MAR ZA	ALAYLI (ZIYARET)
ALTITUDE	1390 m	2250 m
ANTENNA HEIGHT		
LOCATION	N 38° 26' 59"	38° 08' 39"
	E 35° 49' 31"	35° 58' 47"
DISTANCE		37.78 km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

k = 4/3

MAP No. 235



SCALE:

A = 20km
V B = 40km

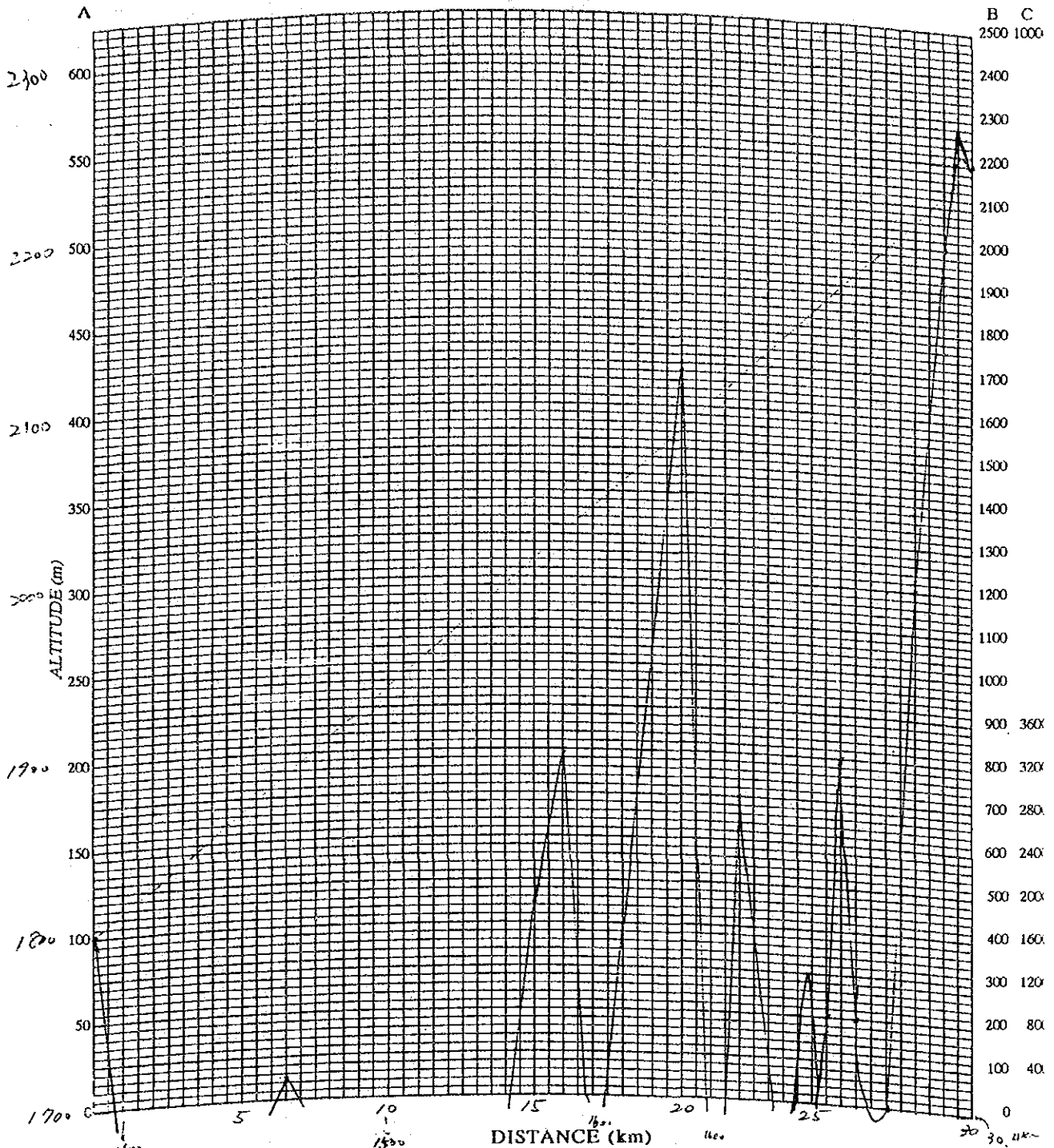
STATION NAME	18 22 (W.L.)	ALAYLI (ZIYARET T.)
ALTITUDE	1270 m	2250 m
ANTENNA HEIGHT		
LOCATION	N 38°16' 45"	38°08' 39"
	E 35°37' 29"	35°58' 57"
DISTANCE		33.30

DENSETSU ENGINEERING CORPORATION

k=4/3

TERRAIN PROFILE

MAP No. L35
(1:50,000)



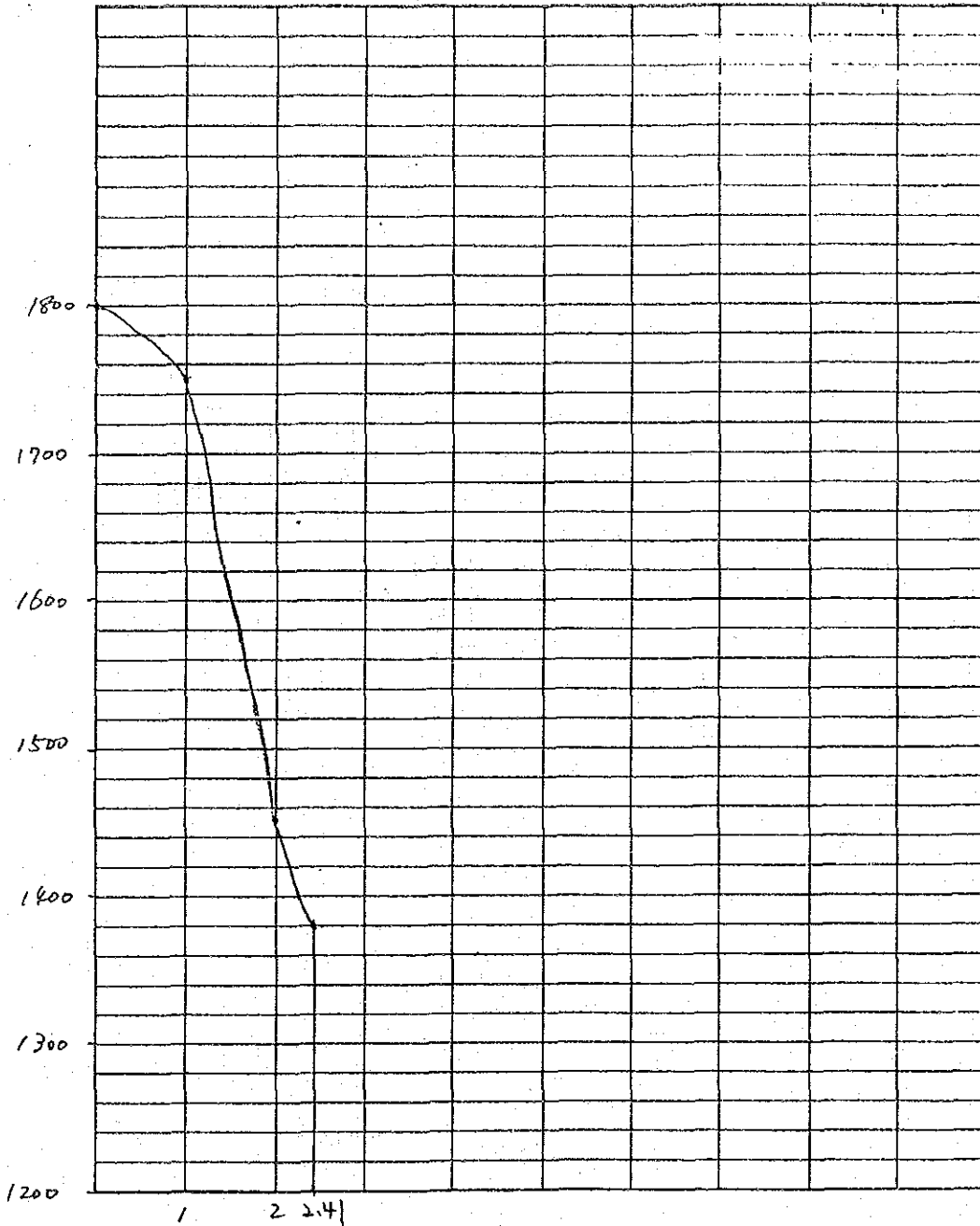
SCALE:
 A = 30km
 B = 60km
 C = 120km

STATION NAME	Kuzören T	Alayli (Ziyaret T)
ALTITUDE	1800m	2250m
ANTENNA HEIGHT		
LOCATION	N 38° 06' 52"	38° 08' 39"
	E 35° 38' 24"	35° 58' 17"
DISTANCE	30.21km	

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

M.F. No. 235
(1:100,000)



DISTANCE (km)

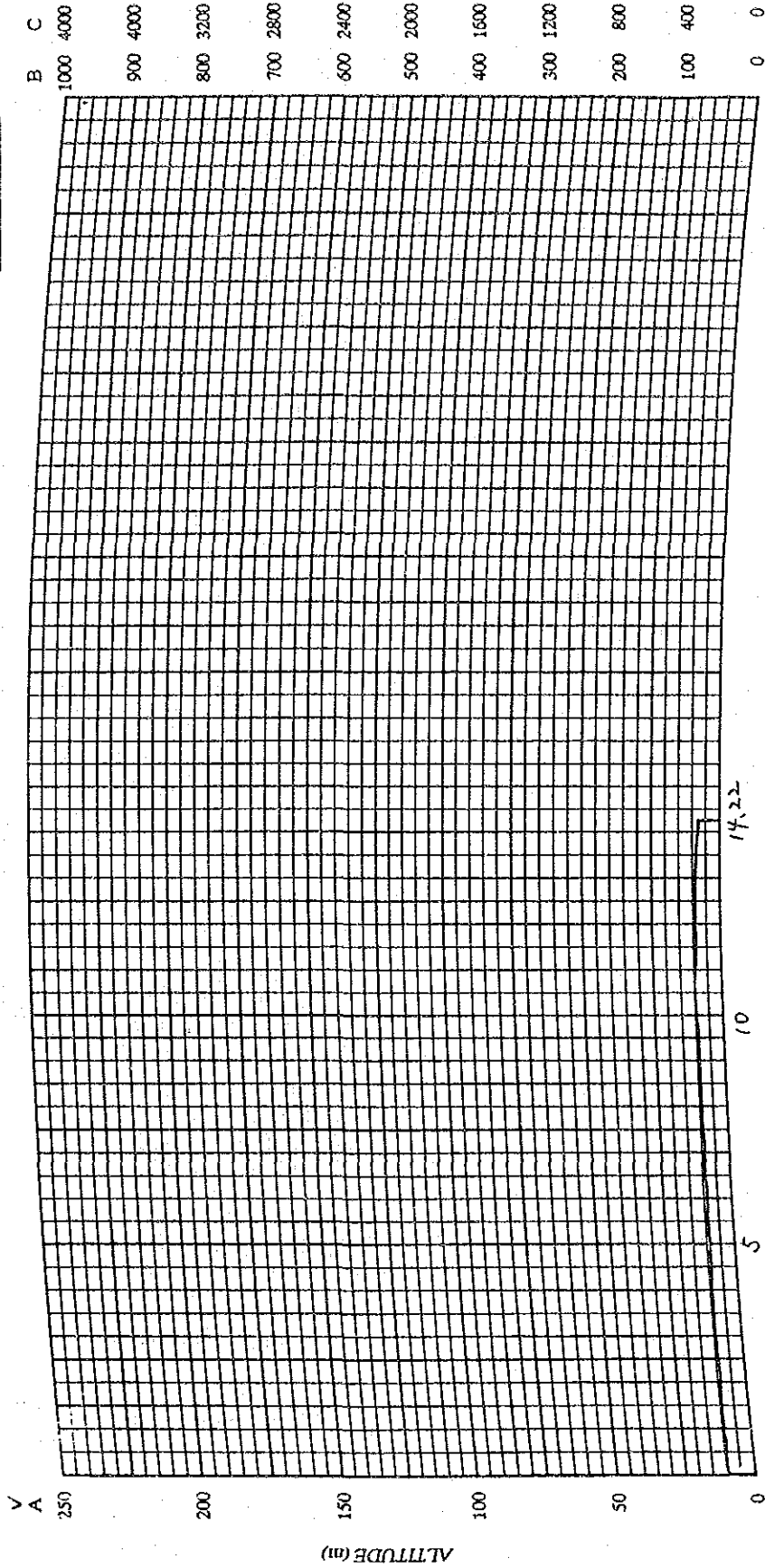
STATION NAME		Kuzören T	Seyhli (Sihli)
ALTITUDE		1800m	1380m
ANTENNA HEIGHT			
LOCATION	N	38°06'52"	38°05'36"
	E	35°38'24"	35°38'01"
(WITHIN 10km)	DISTANCE		2.41 Km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

k=4/3

MAP No. 034



SCALE:
 V/A = 30km
 B = 60km
 C = 120km

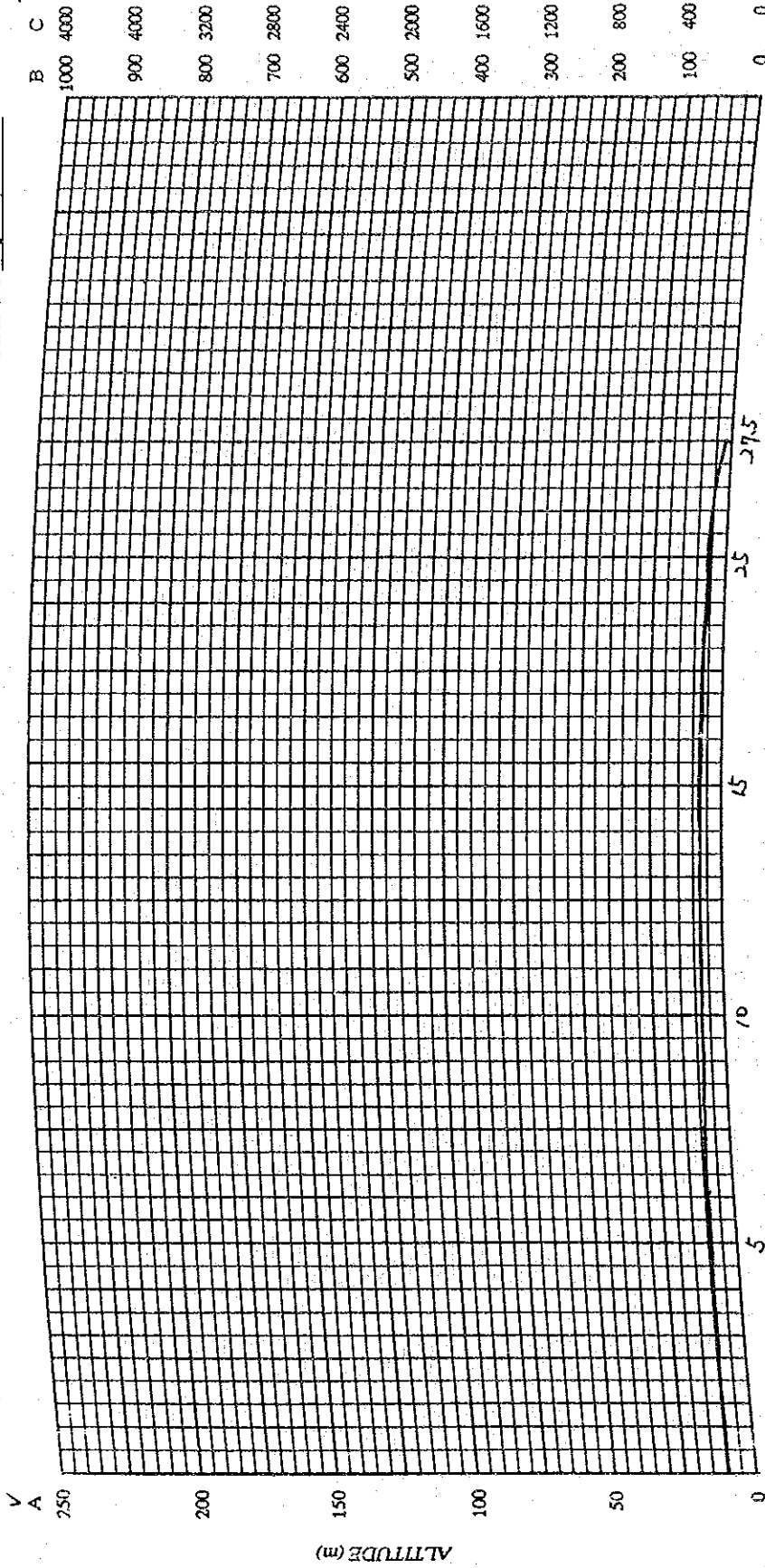
STATION NAME	DSI ADANA	TASCI
ALTITUDE	20 m	16 m
ANTENNA HEIGHT		
LOCATION	N 37° 00' 10"	36° 52' 37"
	E 35° 19' 54"	35° 19' 29"
DISTANCE		14.22 km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

$\lambda = 4/3$

MAP No. 034



DISTANCE (km)

SCALE:
 ✓ A = 30km
 B = 60km
 C = 120km

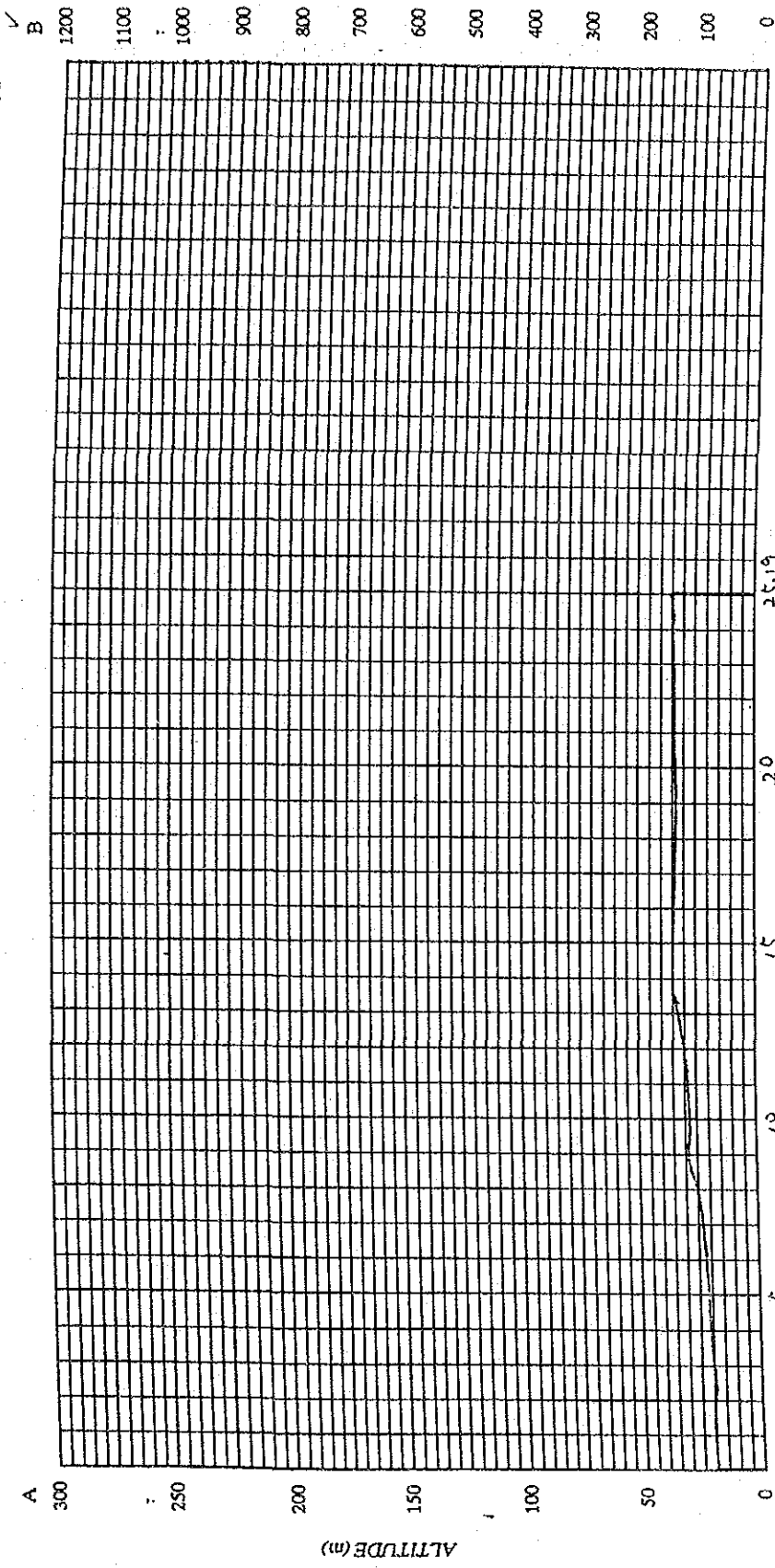
STATION NAME	DSI ADANA	KURANSA
ALTITUDE	20 m	5 m
ANTENNA HEIGHT		
LOCATION	N 37° 00' 18"	36° 47' 37"
	E 35° 19' 54"	35° 10' 14"
DISTANCE		27.5 km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

$k=4/3$

MAP No. N34, 034



SCALE:
 A = 20km
 V B = 40km

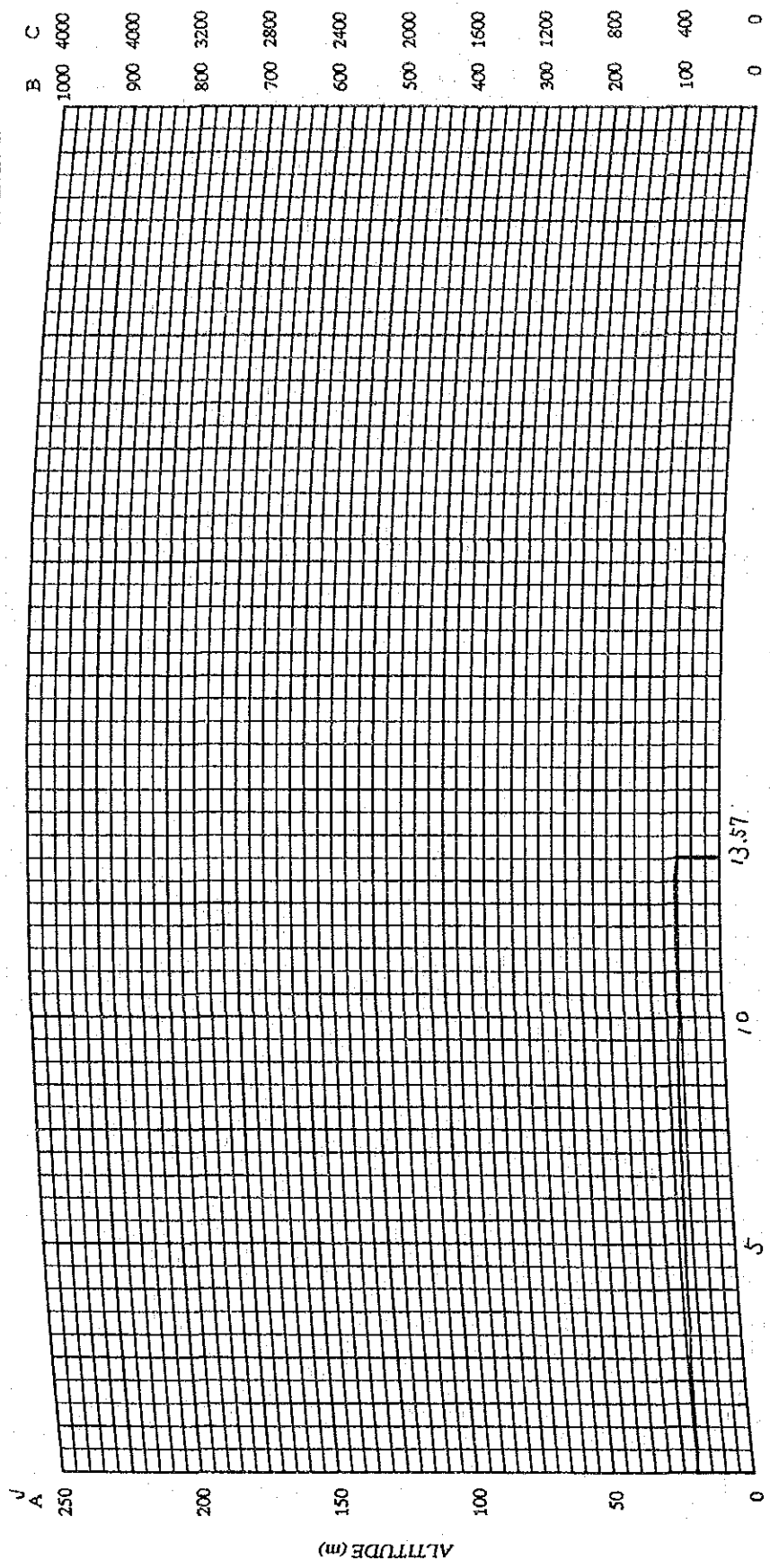
STATION NAME	DSI ADANA	YENICE
ALTITUDE	20 m	30 m
ANTENNA HEIGHT		
LOCATION	N 37° 00' 18"	36° 59'
	E 35 19' 54"	35° 03'
DISTANCE		25.19 km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

MAP No. N34.034

k=4/3



STATION NAME	PSI ADANA	DOĞANKENT
ALTITUDE	20 m	16 m
ANTENNA HEIGHT		
LOCATION	N 37° 00' 12" 38° 53'
	E 35° 19' 54" 35° 19'
DISTANCE		13.57 km

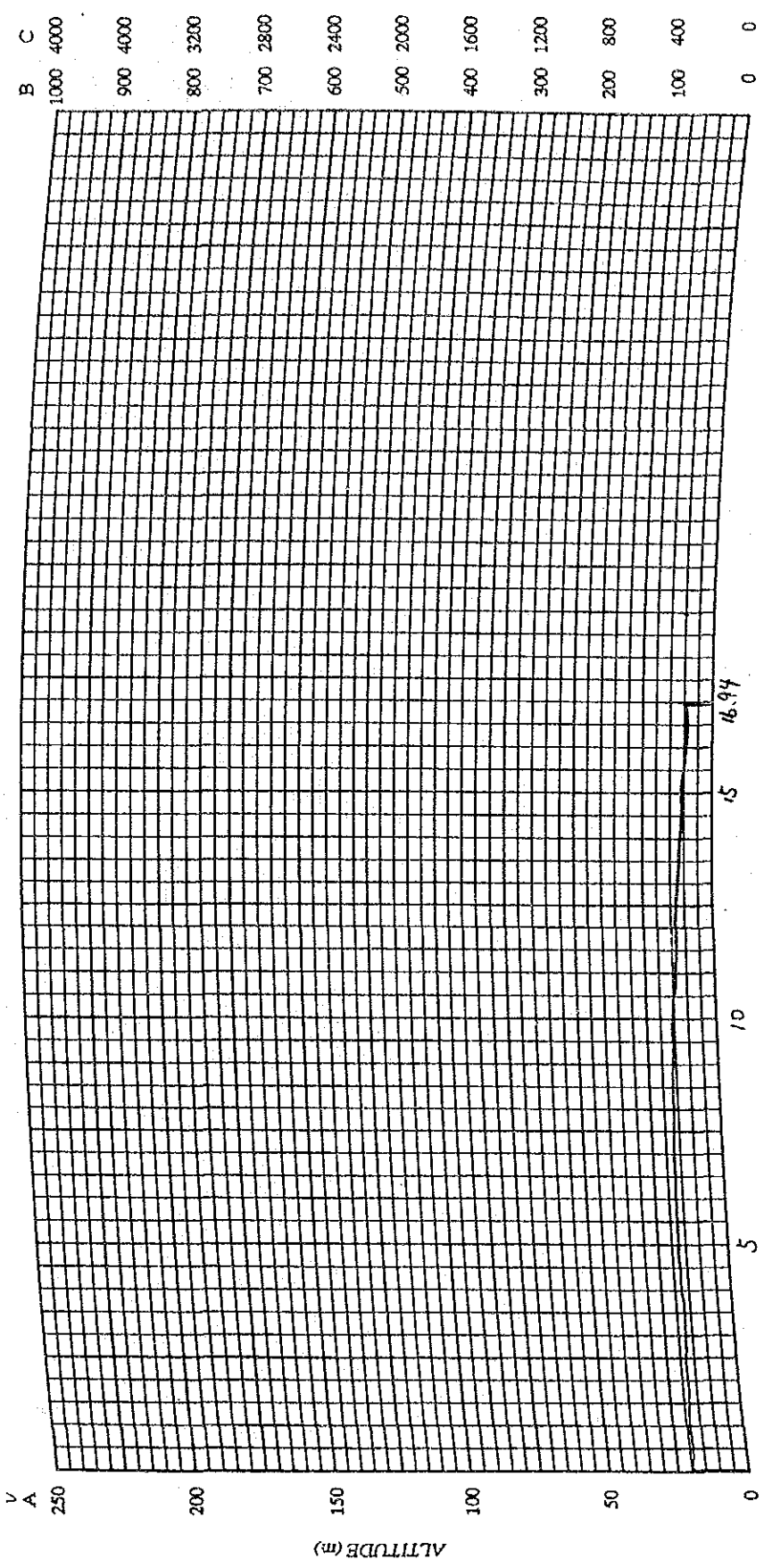
SCALE:
 V A = 30km
 B = 60km
 C = 120km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

MAP No. 134 034

$k=4/3$



SCALE:
 V A = 30km
 B = 60km
 C = 120km

DISTANCE (km)

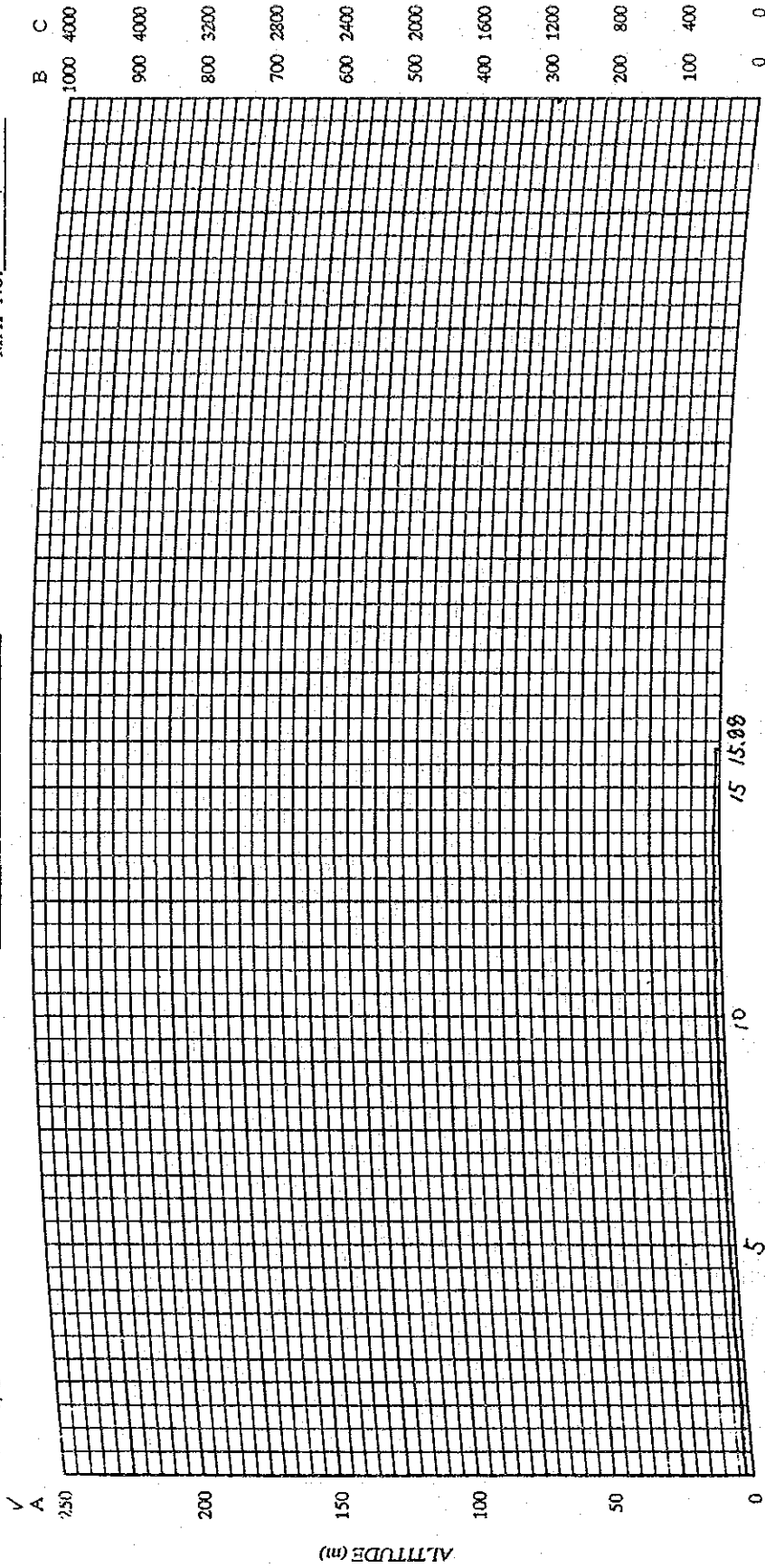
STATION NAME	DS I ADANA	KARAYUSUFLU
ALTITUDE	20 m	10 m
ANTENNA HEIGHT		
LOCATION	N 37° 00' 18" 36° 52' 13"	
	E 35° 19' 54" 35° 14' 32"	
DISTANCE		16.94 km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

MAP No. D 34

$k = 4/3$



STATION NAME	KURANŞA	TABAKLAR
ALTITUDE	5 m	3 m
ANTENNA HEIGHT		
LOCATION	N 36° 47' 37"	36° 45' 00"
	E 35° 10' 14"	35° 00' 04"
DISTANCE		15.88 km

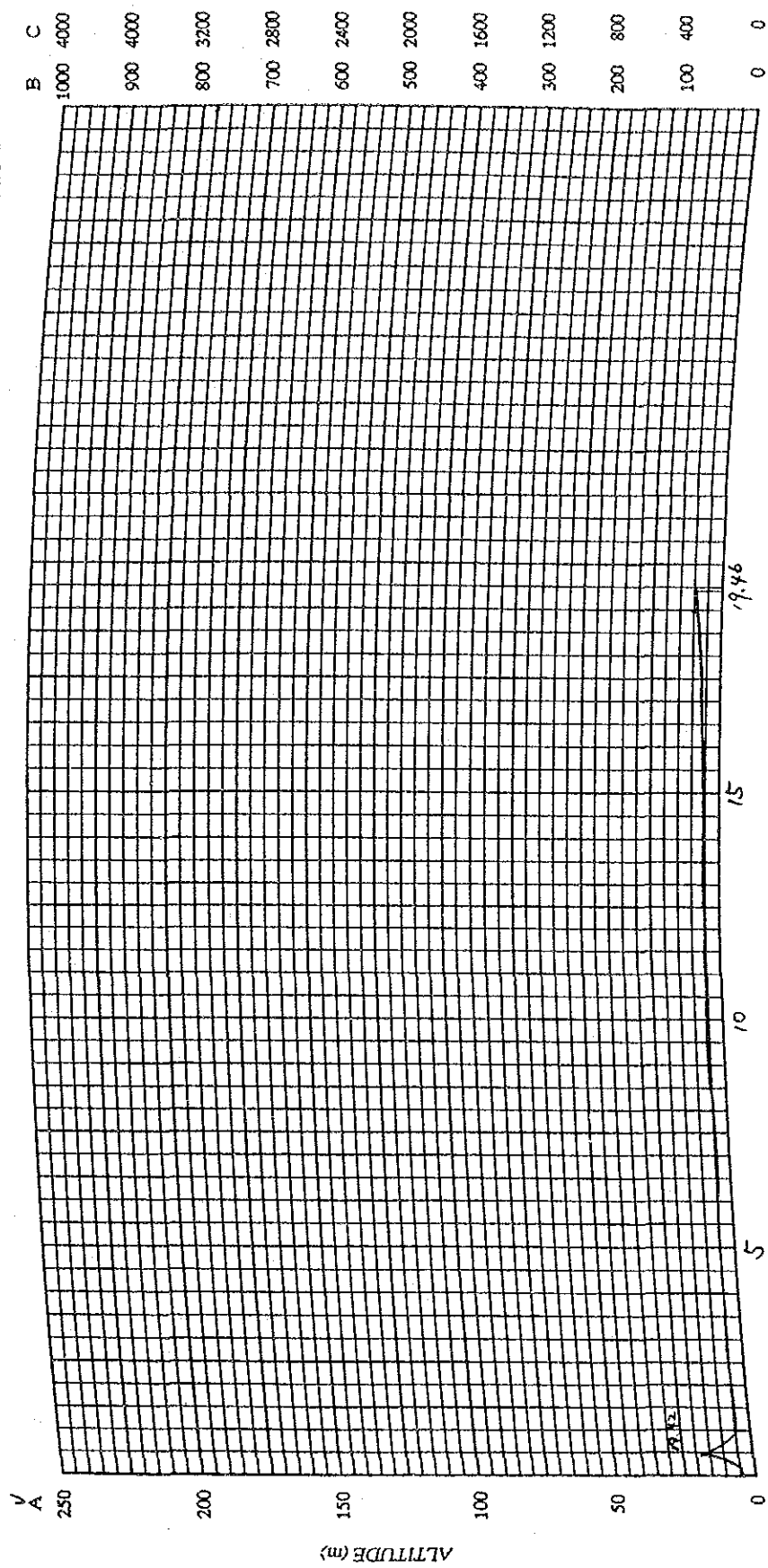
SCALE:
 V A = 30 km
 B = 60 km
 C = 120 km

DENSETSU ENGINEERING CORPORATION

TERRAIN PROFILE

MAP No. 034, 033

$k = 4/3$



SCALE:
 $V_A = 30\text{km}$
 $B = 60\text{km}$
 $C = 120\text{km}$

DISTANCE (km)

STATION NAME	KURANSA	BAHARLI
ALTITUDE	5 m	10 m
ANTENNA HEIGHT		
LOCATION	N 36° 47' 37"	38° 45' 47"
	E 35° 10' 14"	34° 57' 21"
DISTANCE		19.46 km

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