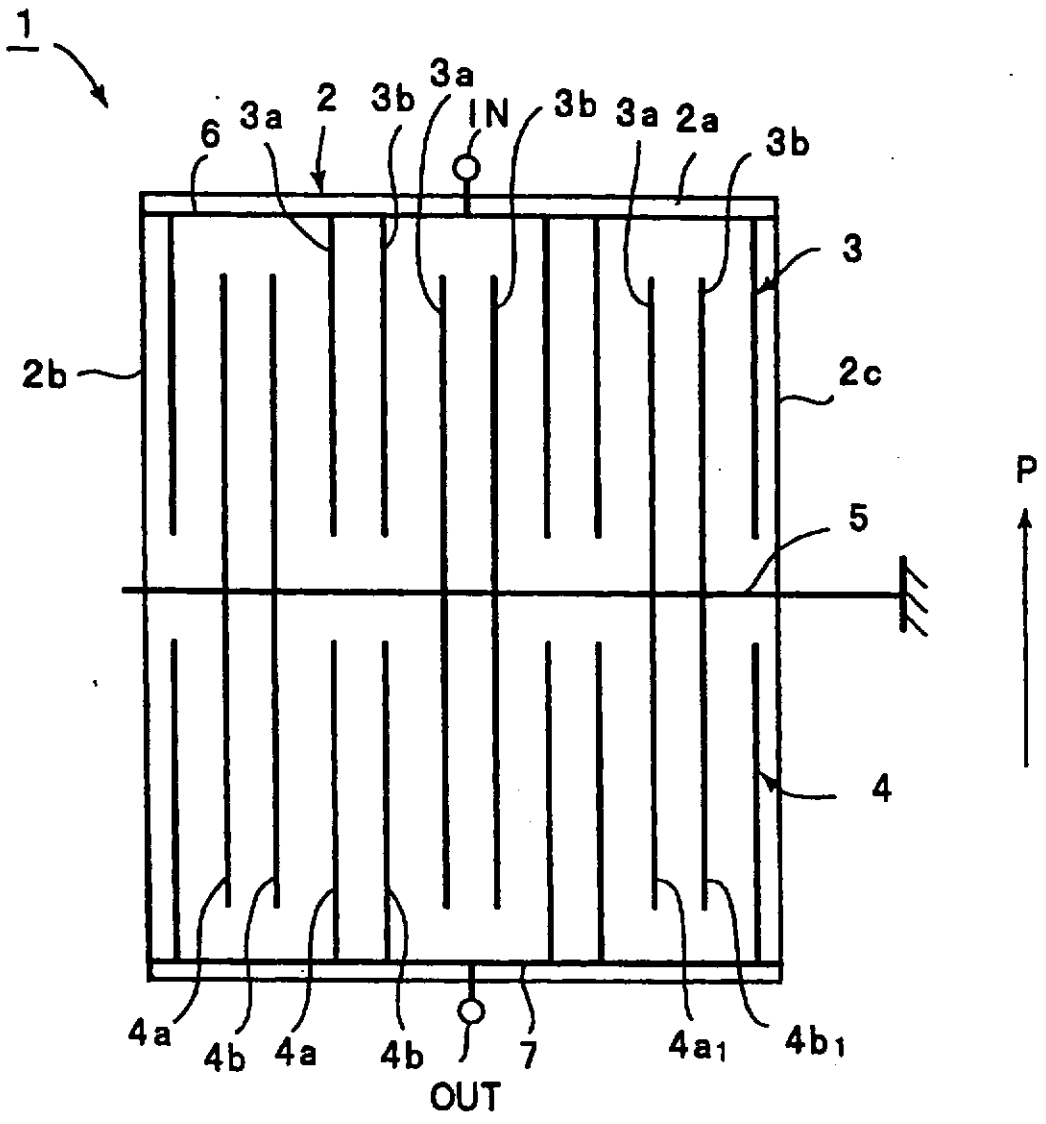
FIG. 1



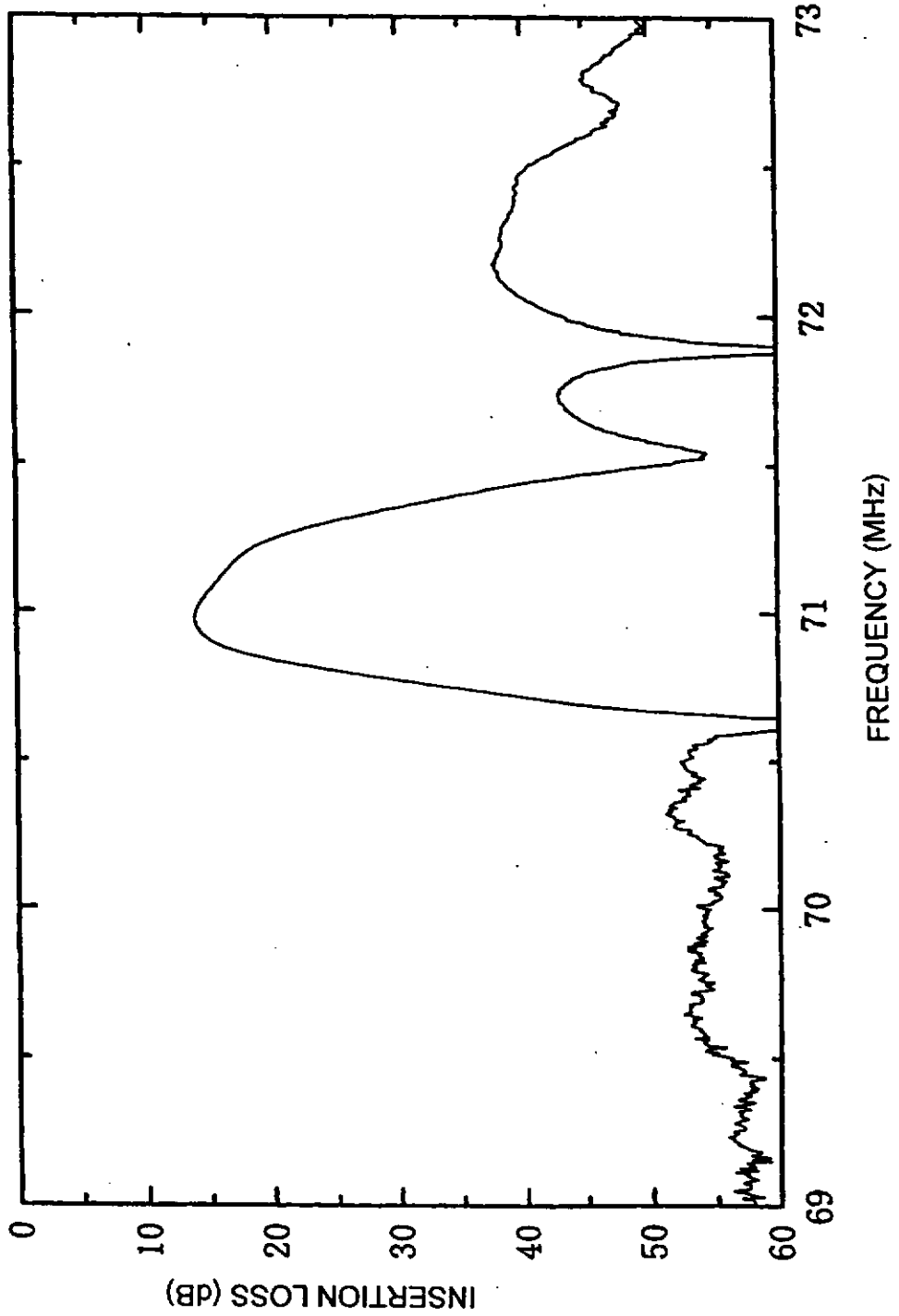
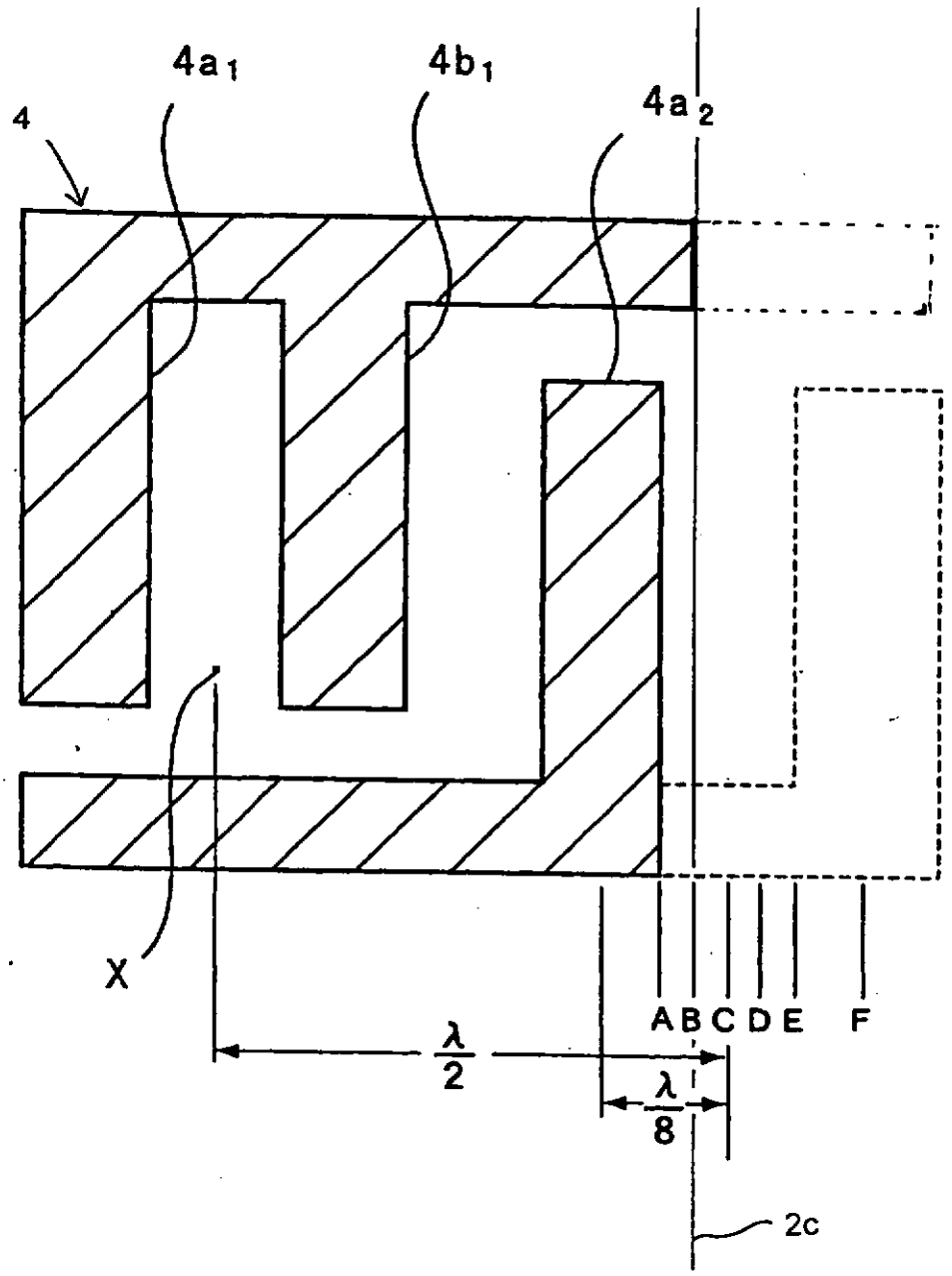

INSERTION LOSS (dB)
0
10
20
30
40
50
60
69
70
71
72
73
FREQUENCY (MHz)

FIG. 2

FIG. 3



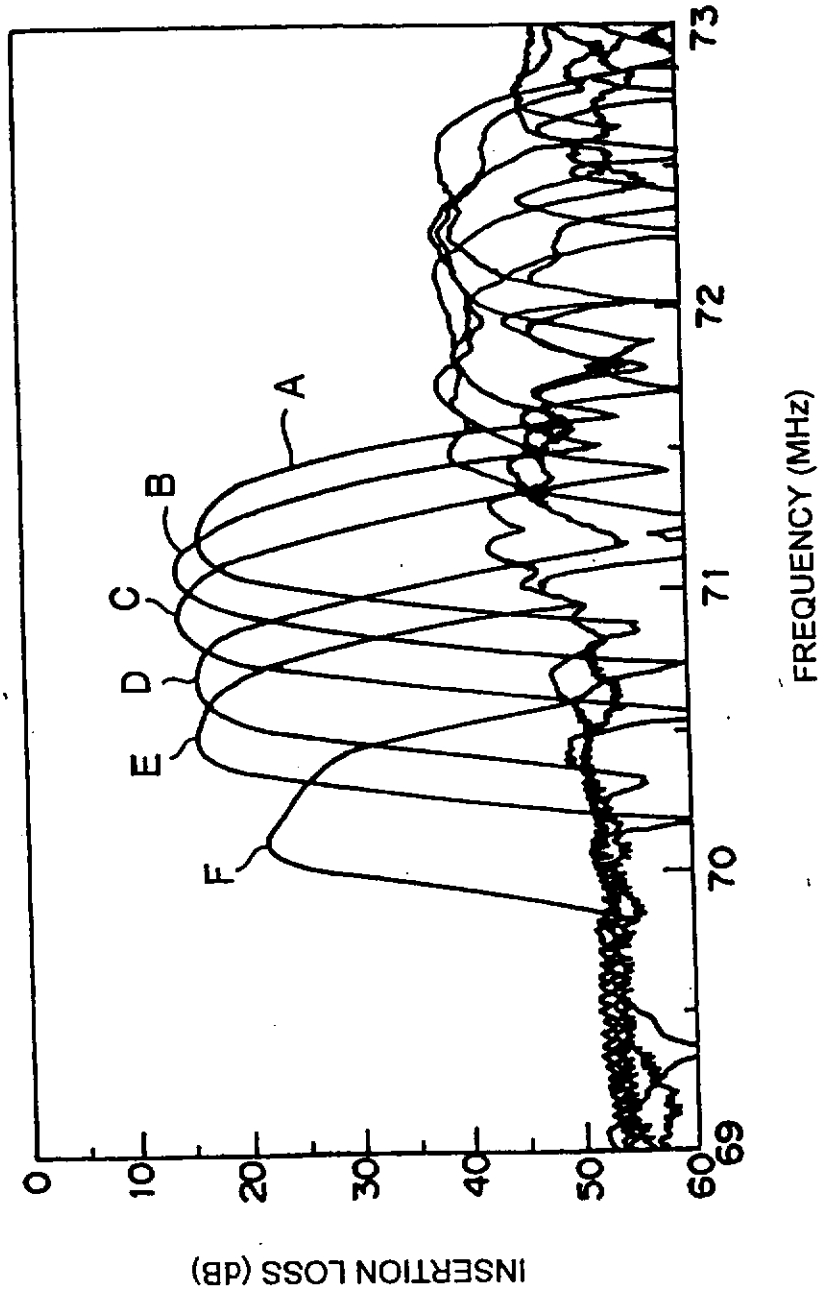

INSERTION LOSS (dB)
0
10
20
30
40
50
60
69
70
71
72
73
FREQUENCY (MHz)
A
B
C
D
E
F

FIG. 4

FIG. 5

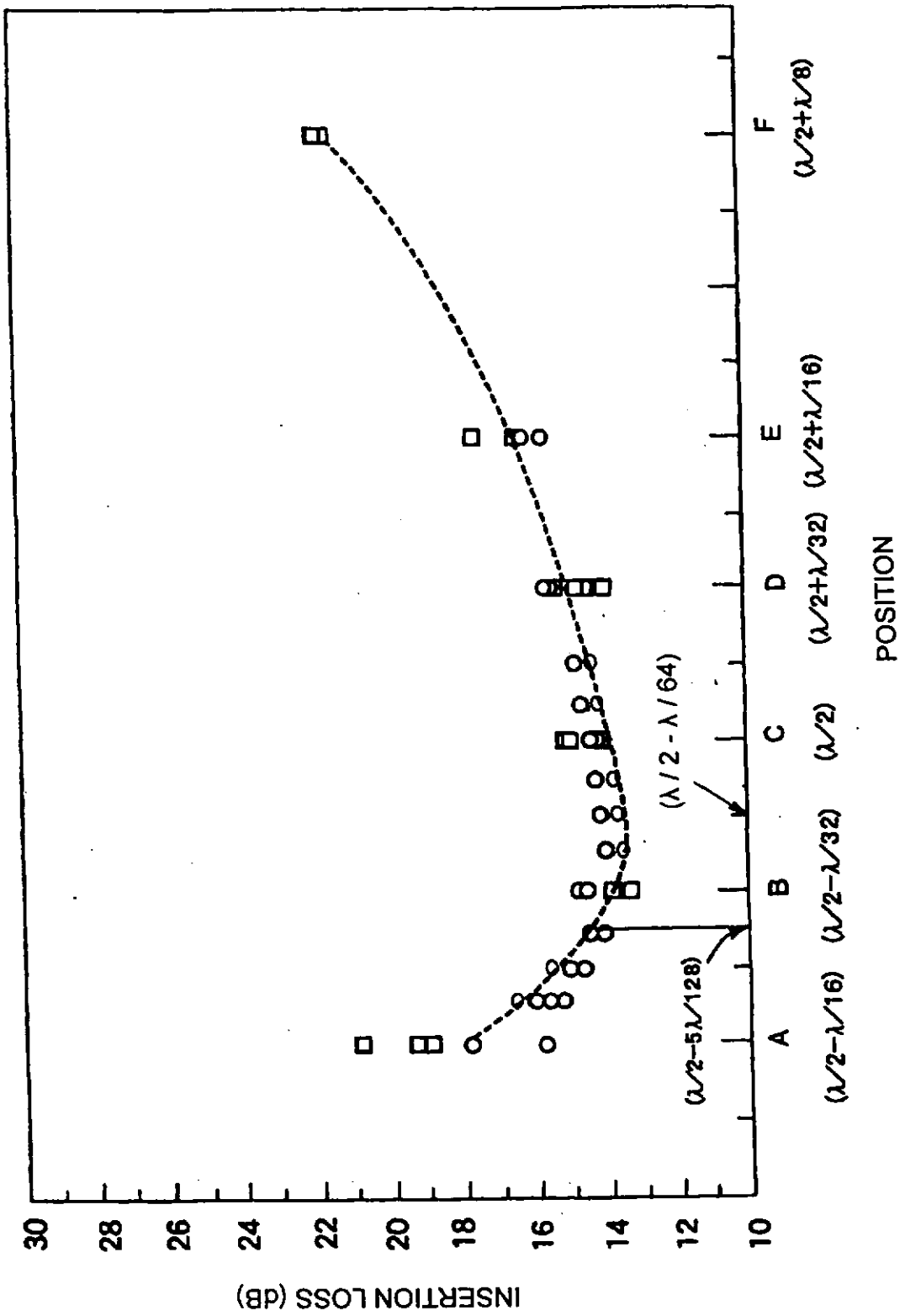

INSERTION LOSS (dB)
30
28
26
24
22
20
18
16
14
12
10
POSITION
A
B
C
D
E
F
(λ/2-λ/16)
(λ/2-λ/32)
(λ/2)
(λ/2+λ/32)
(λ/2+λ/16)
(λ/2+λ/8)
(λ/2-5λ/128)
(λ/2-λ/64)

FIG. 6

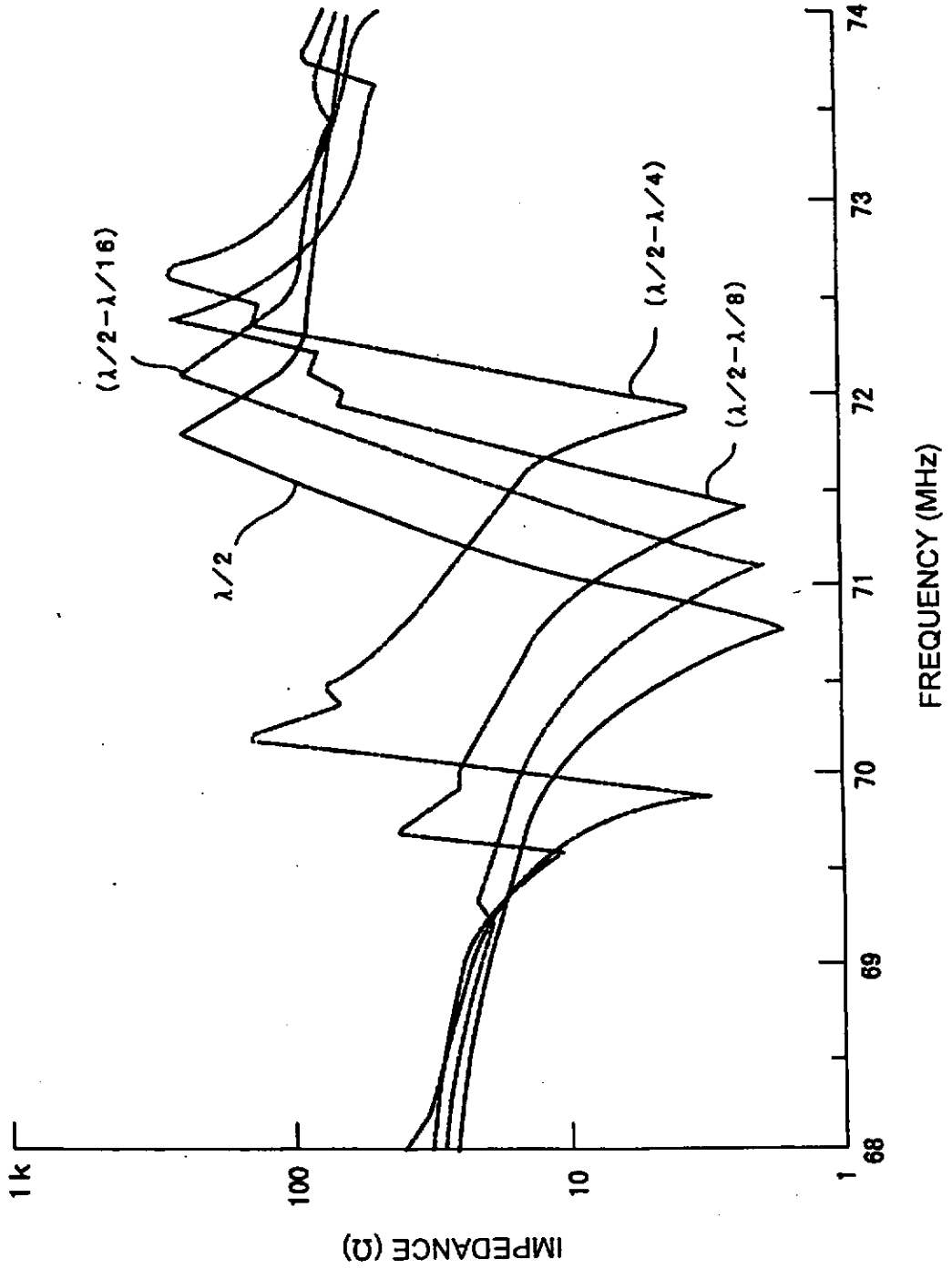

IMPEDANCE (Ω)
1k
100
10
1
FREQUENCY (MHz)
68
69
70
71
72
73
74
λ/2
(λ/2−λ/16)
(λ/2−λ/8)
(λ/2−λ/4)

FIG. 7

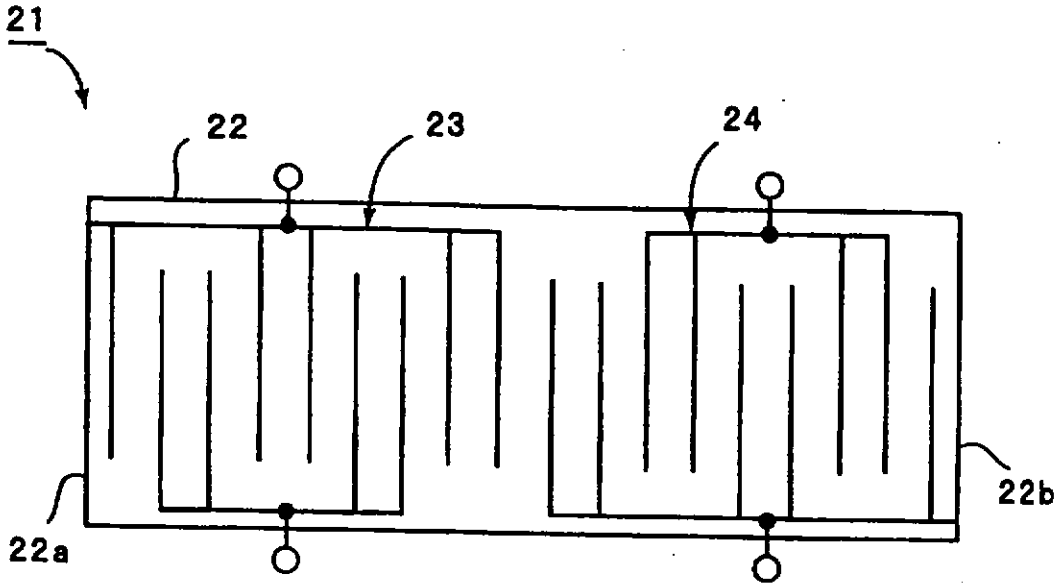

21
22
23
24
22a
22b

FIG. 8

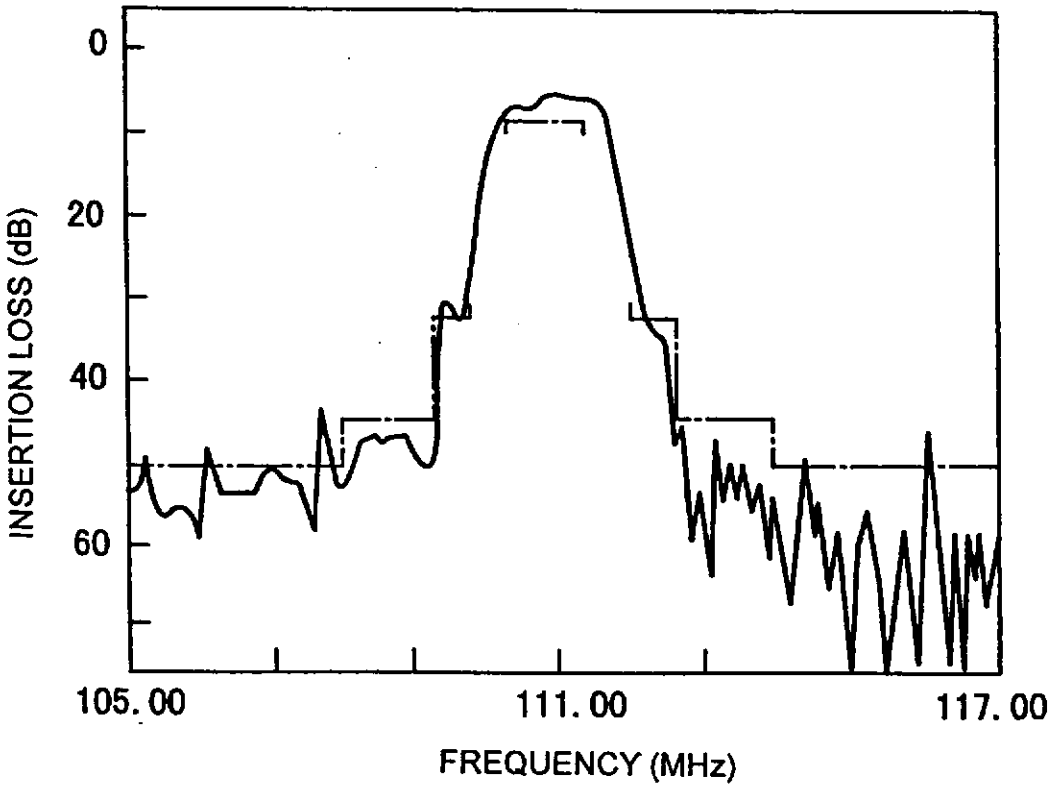
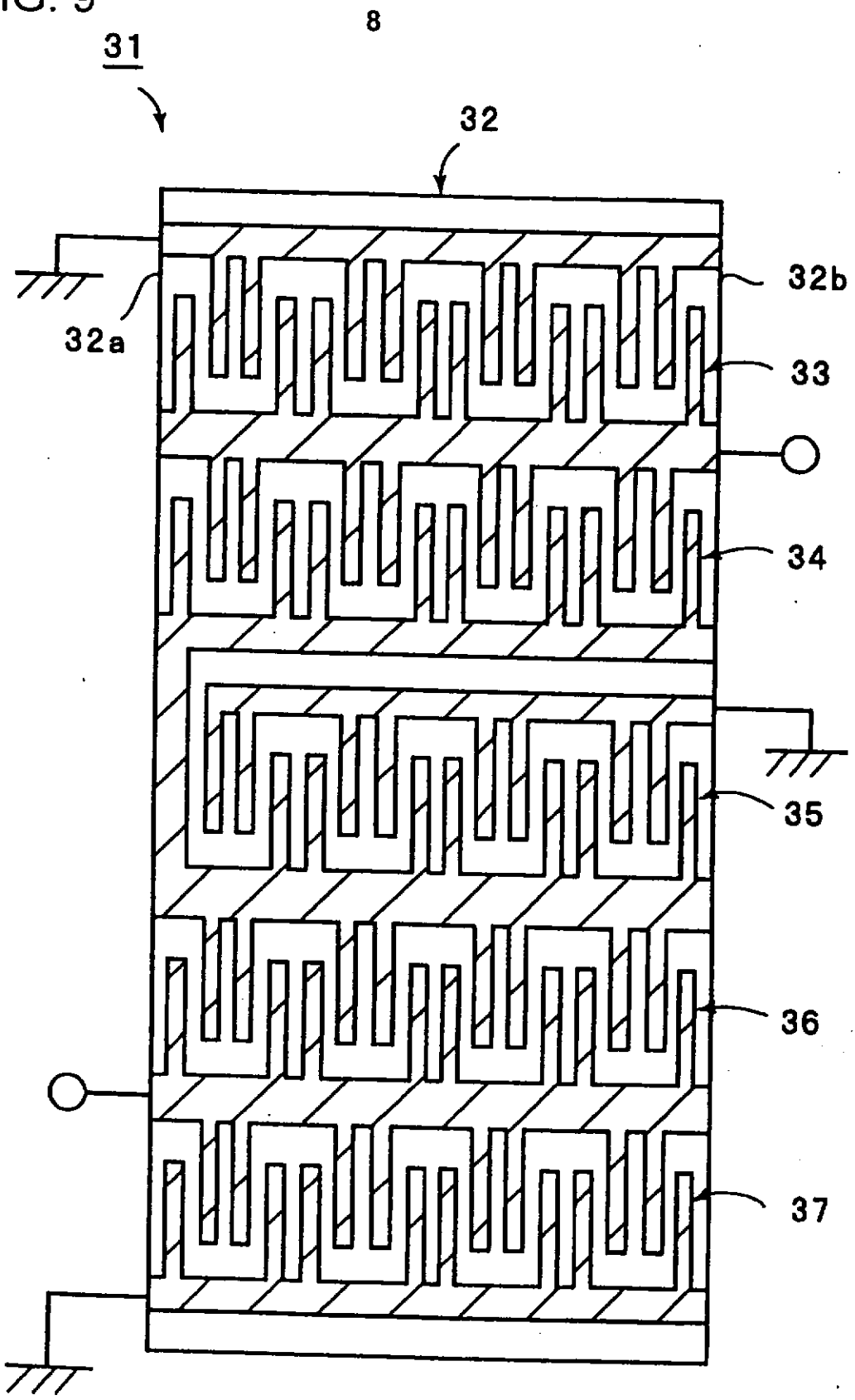

0
20
40
60
INSERTION LOSS (dB)
105.00
111.00
117.00
FREQUENCY (MHz)

FIG. 9



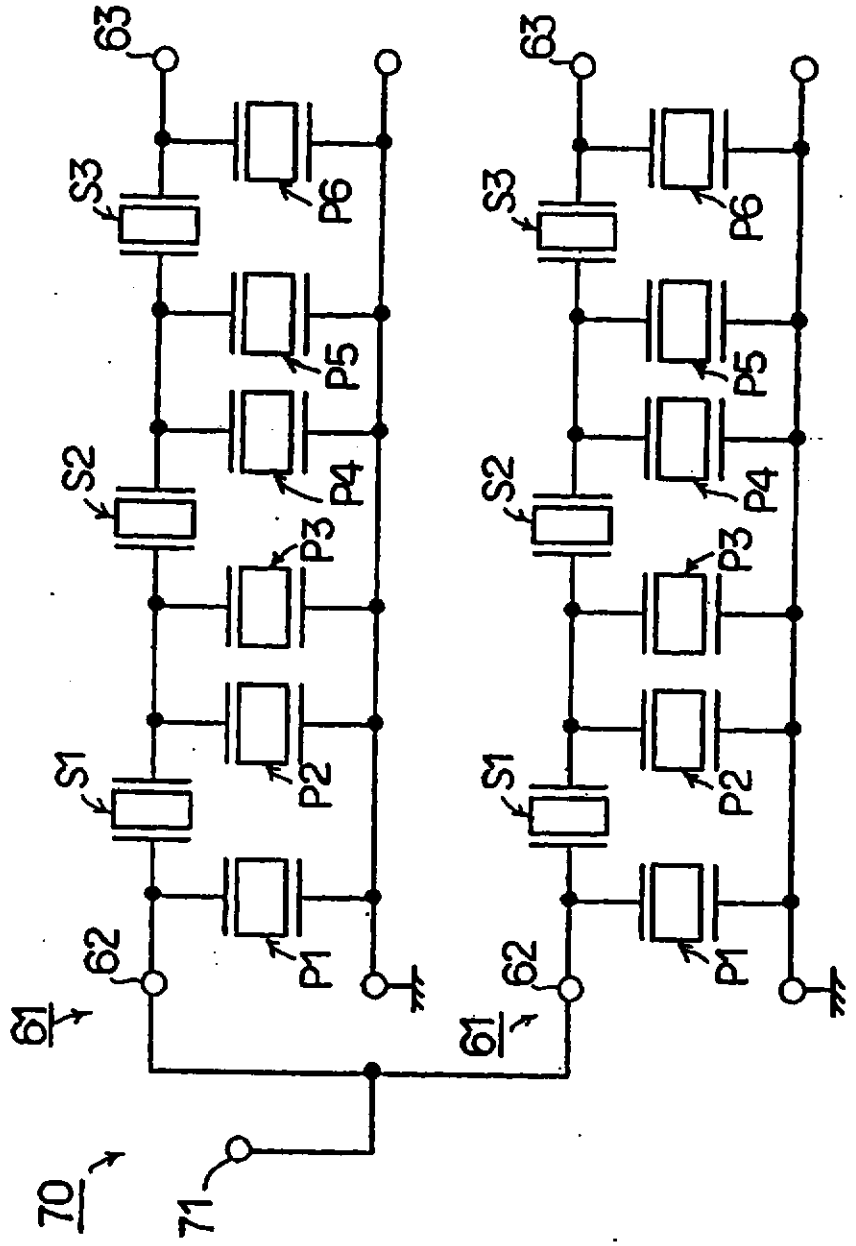


FIG. 10

FIG. 11

