

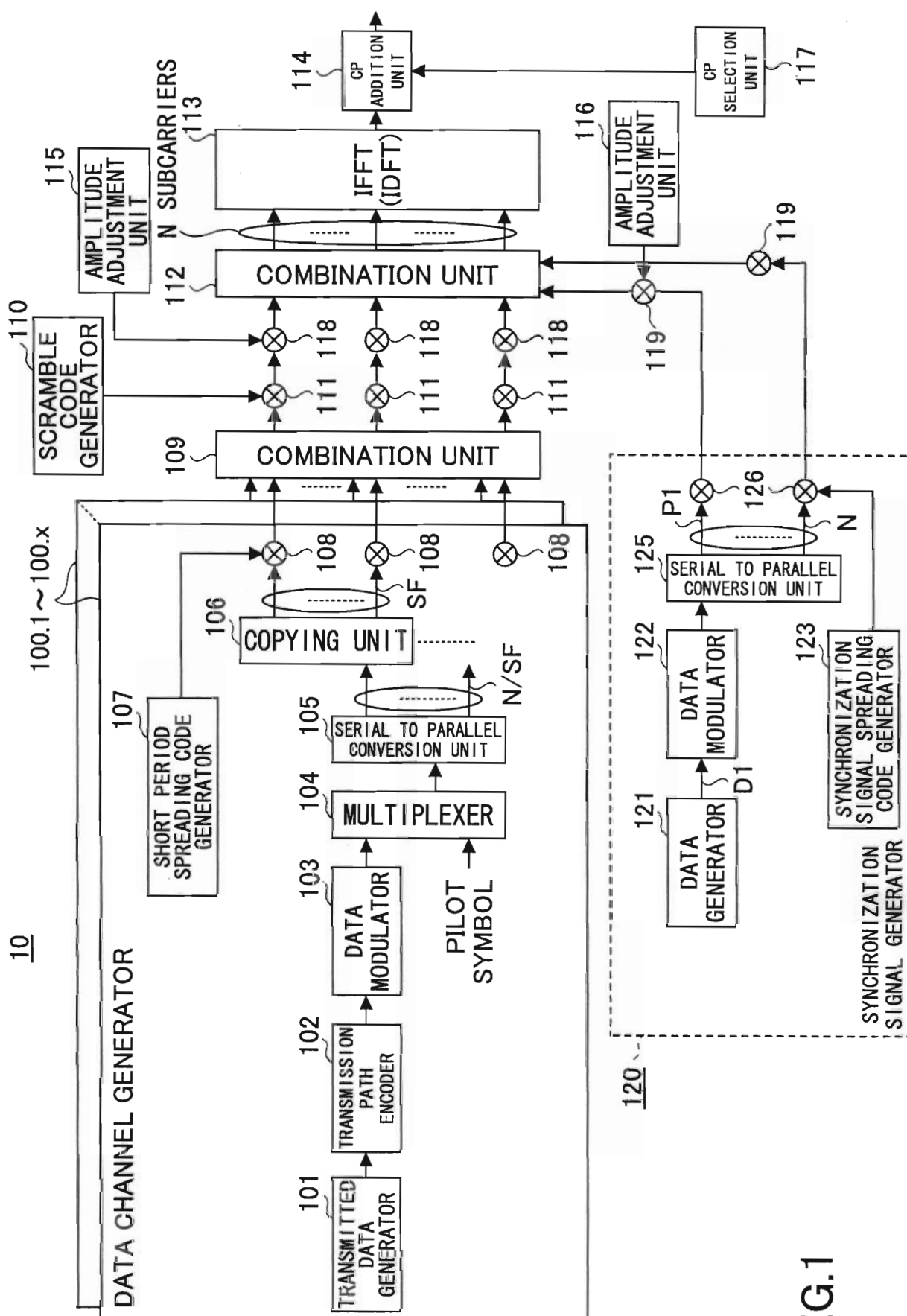


FIG.1

FIG.2A

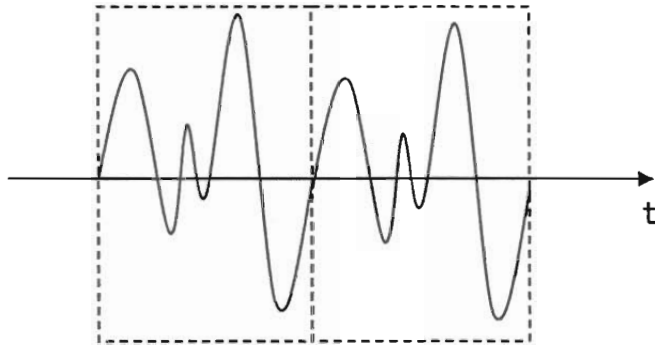


FIG.2B

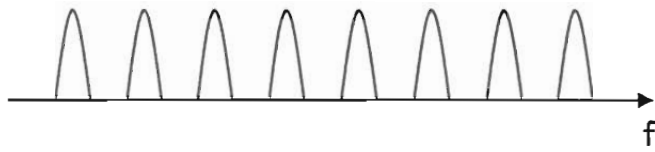


FIG.3

SCH CODE NUMBERS	SCRAMBLE CODE GROUP NUMBERS
C(1)	#1
C(2)	#2
C(3)	#3
C(4)	#4
⋮	⋮
$C(N_{grp})$	$\#N_{grp}$

FIG.4A

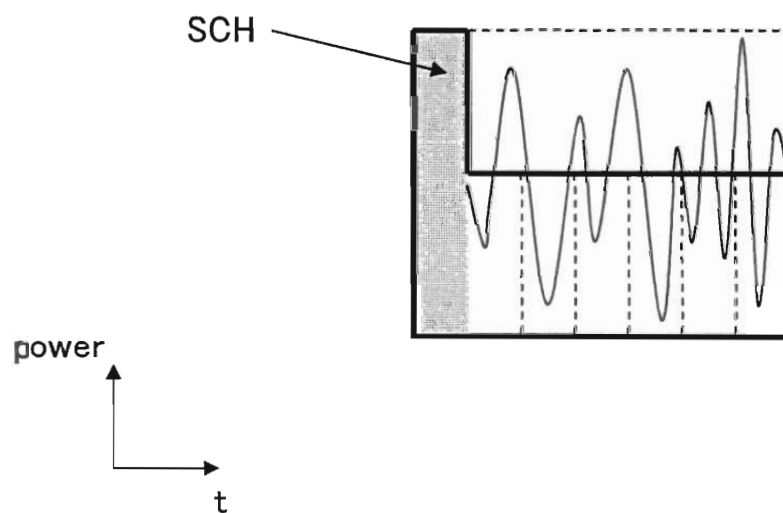


FIG.4B

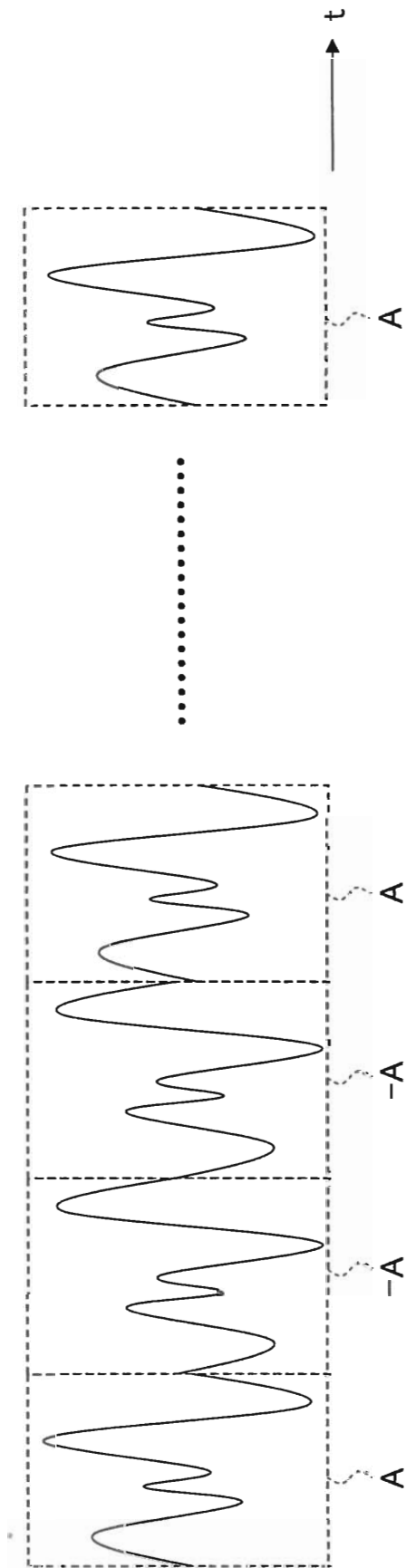


FIG.4C

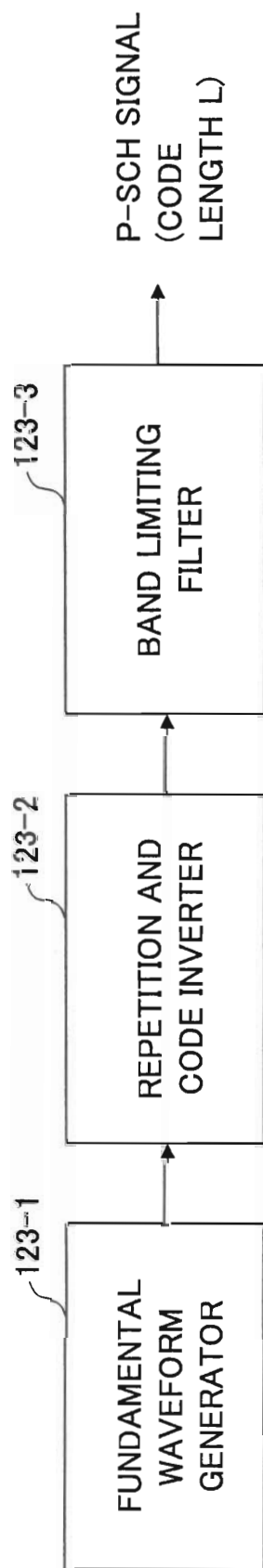


FIG. 5A

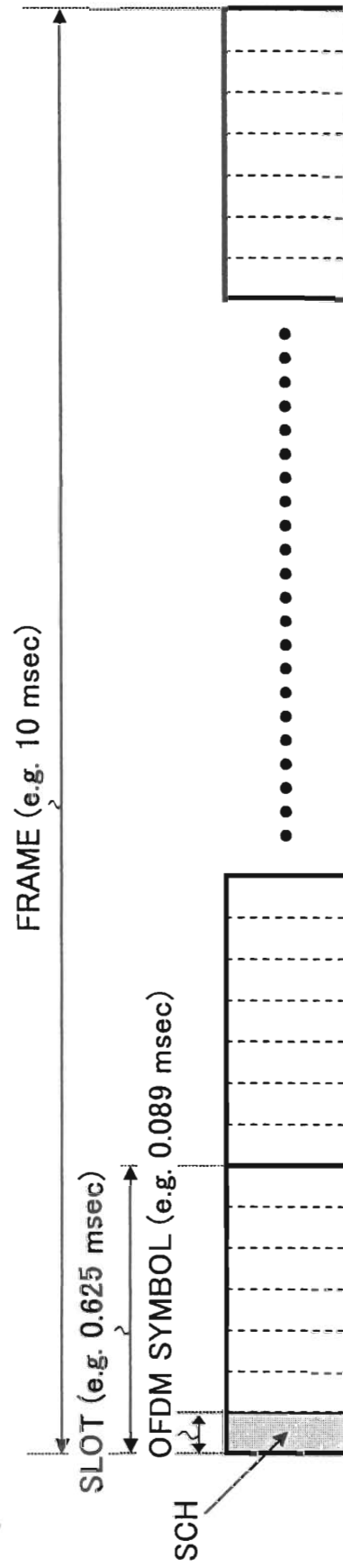


FIG.5B

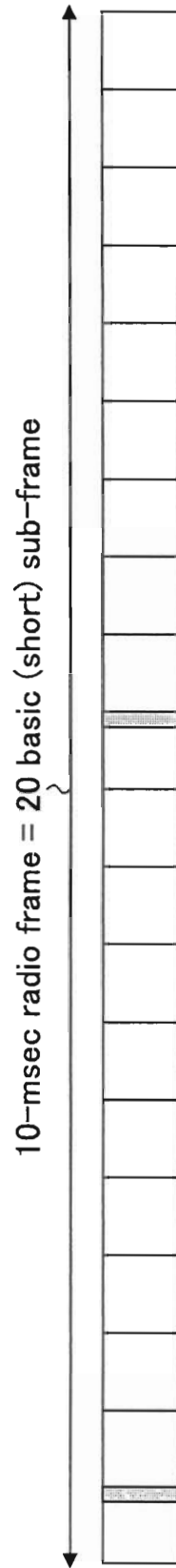


FIG.5C

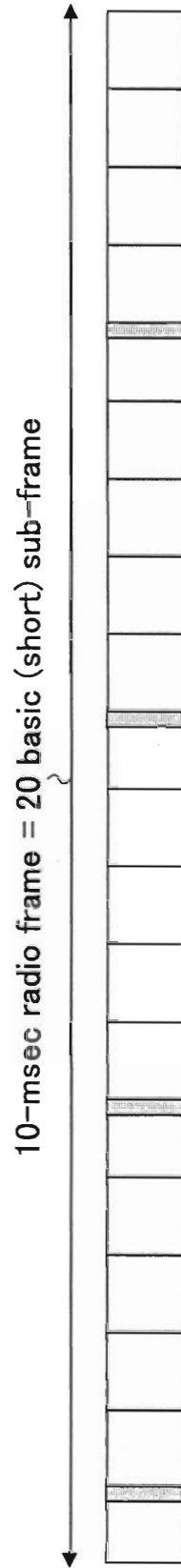


FIG.5D

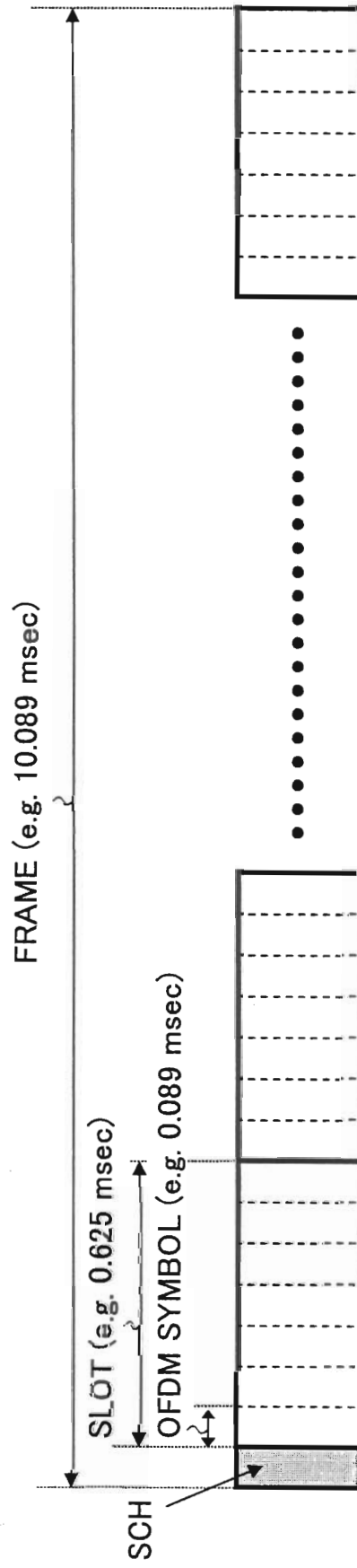


FIG.6A

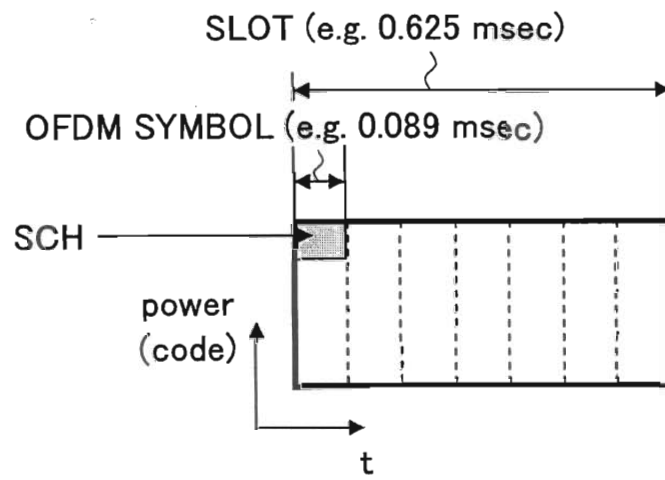


FIG.6B

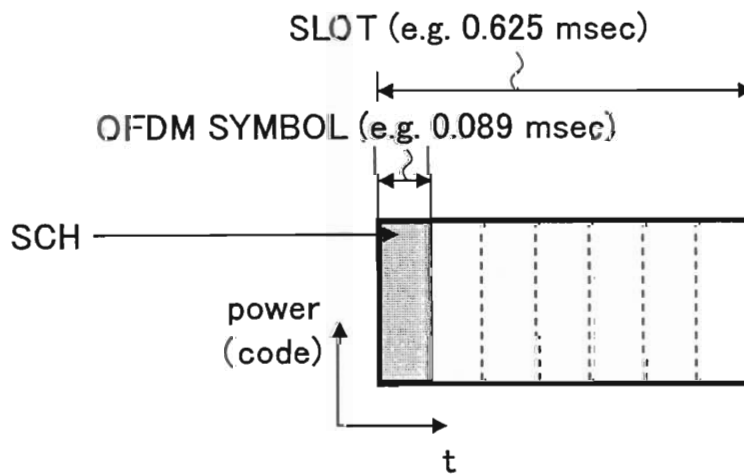


FIG.7

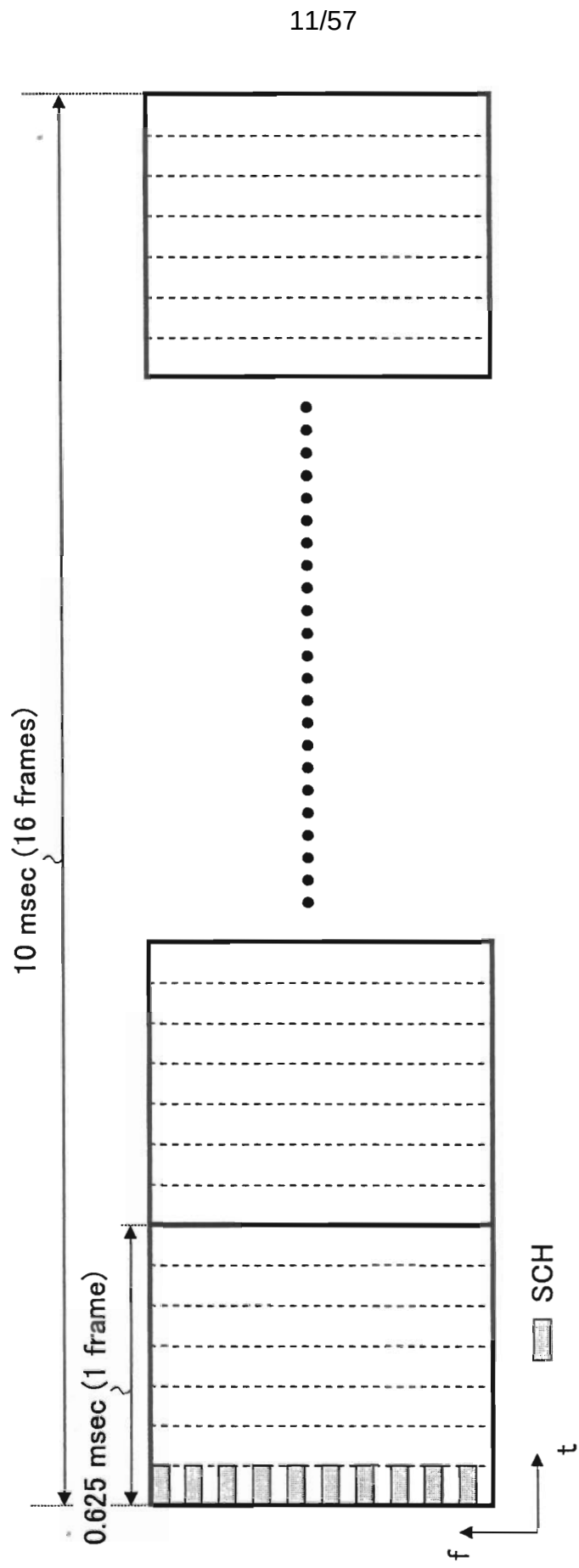


FIG.8

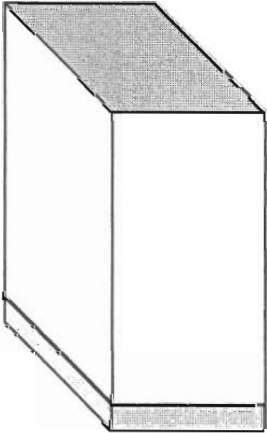
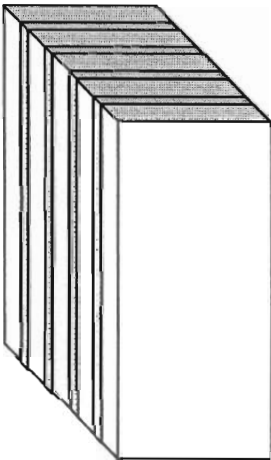
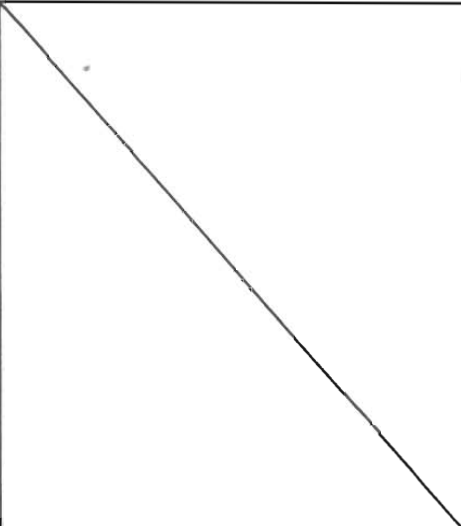
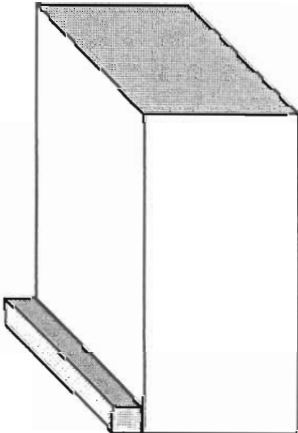
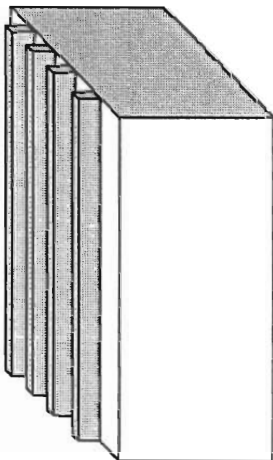
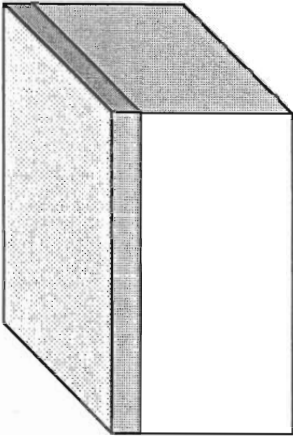
	TDM	FDM	CDM
ORTHOGONAL MULTIPLEXING TYPE	 A 3D rectangular block representing a time-division multiplexed signal. The block is divided into two horizontal layers, with the top layer shaded gray and the bottom layer white, indicating two distinct time slots.	 A 3D rectangular block representing a frequency-division multiplexed signal. The block is divided into several vertical slices, with the leftmost slice shaded gray and the others white, indicating multiple distinct frequency channels.	 A 3D rectangular block representing a code-division multiplexed signal. The block is divided into several vertical slices, with the leftmost slice shaded gray and the others white, indicating multiple distinct codes.
NON- ORTHOGONAL MULTIPLEXING TYPE	 A 3D rectangular block representing a non-orthogonal time-division multiplexed signal. The block is divided into two horizontal layers, with the top layer shaded gray and the bottom layer white, indicating two distinct time slots.	 A 3D rectangular block representing a non-orthogonal frequency-division multiplexed signal. The block is divided into several vertical slices, with the leftmost slice shaded gray and the others white, indicating multiple distinct frequency channels.	 A 3D rectangular block representing a non-orthogonal code-division multiplexed signal. The block is divided into several vertical slices, with the leftmost slice shaded gray and the others white, indicating multiple distinct codes.

FIG.9

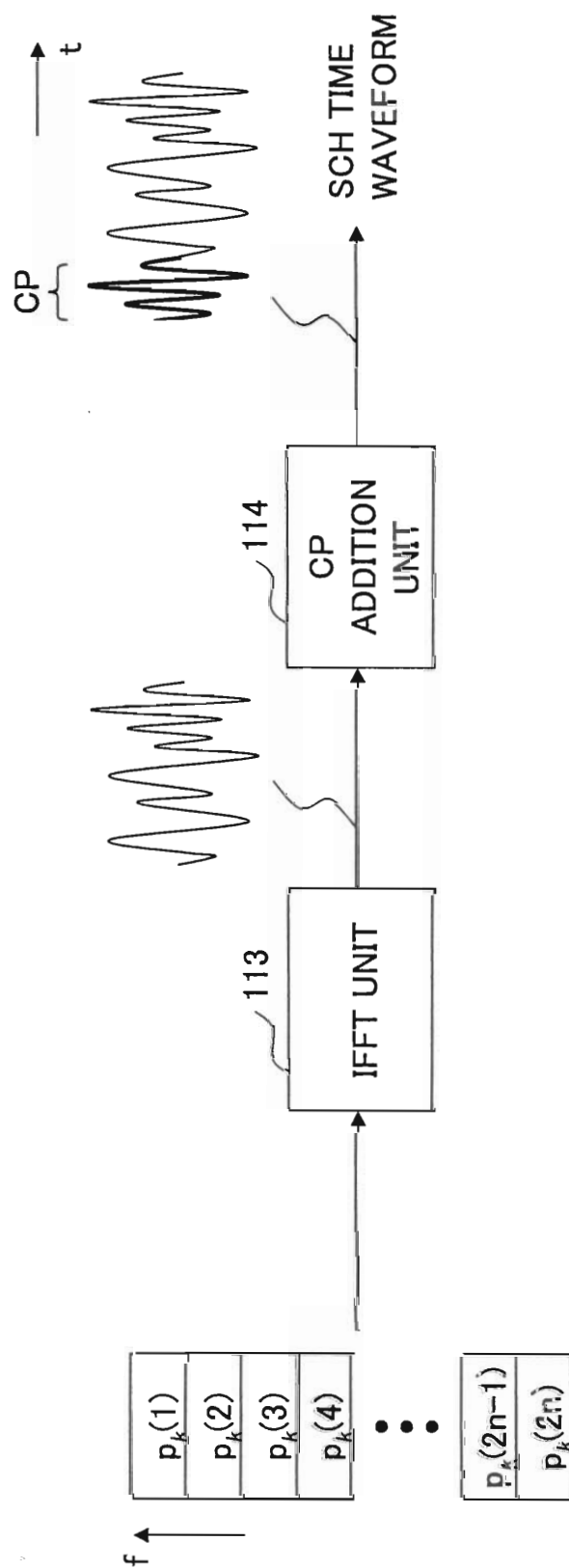


FIG.10A

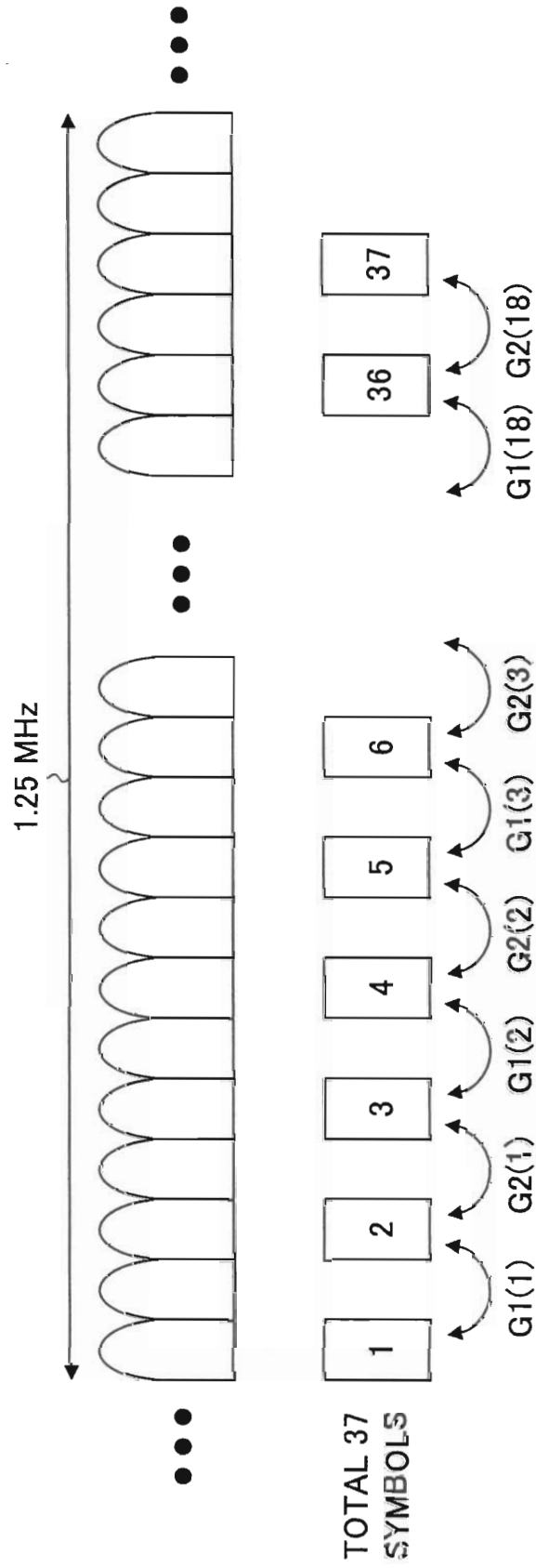


FIG.10B

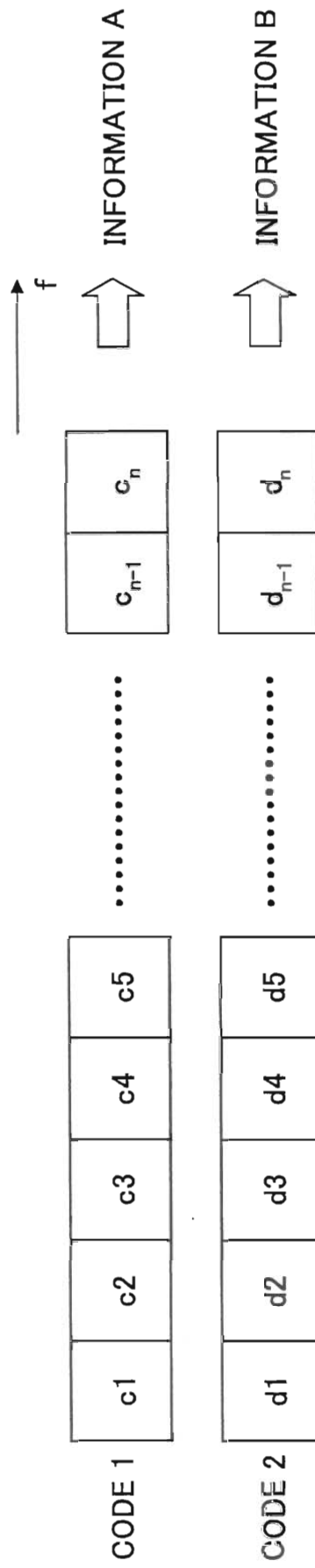


FIG.10C

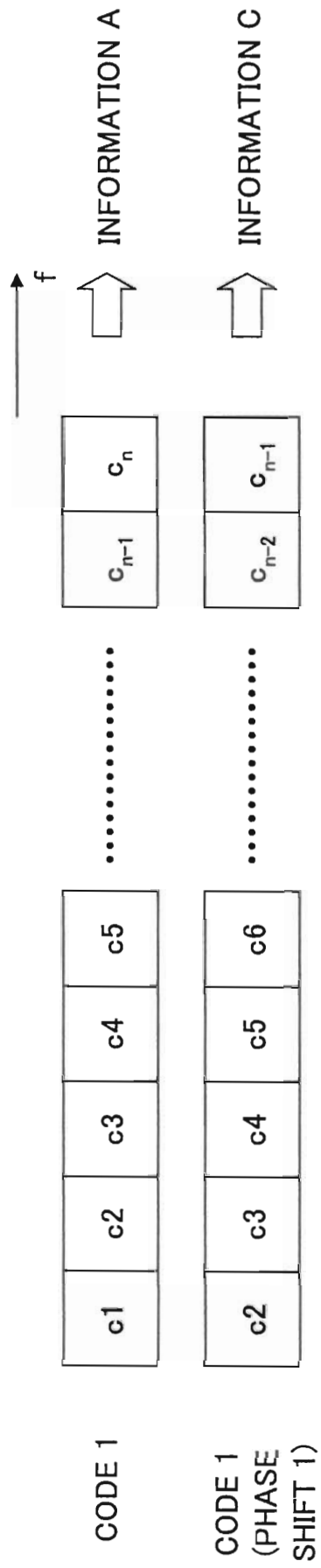


FIG.11A

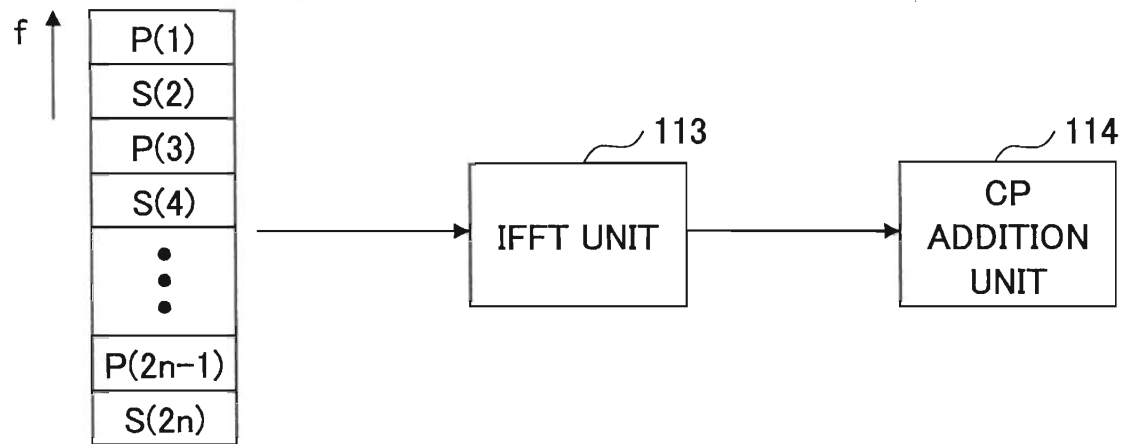


FIG.11B

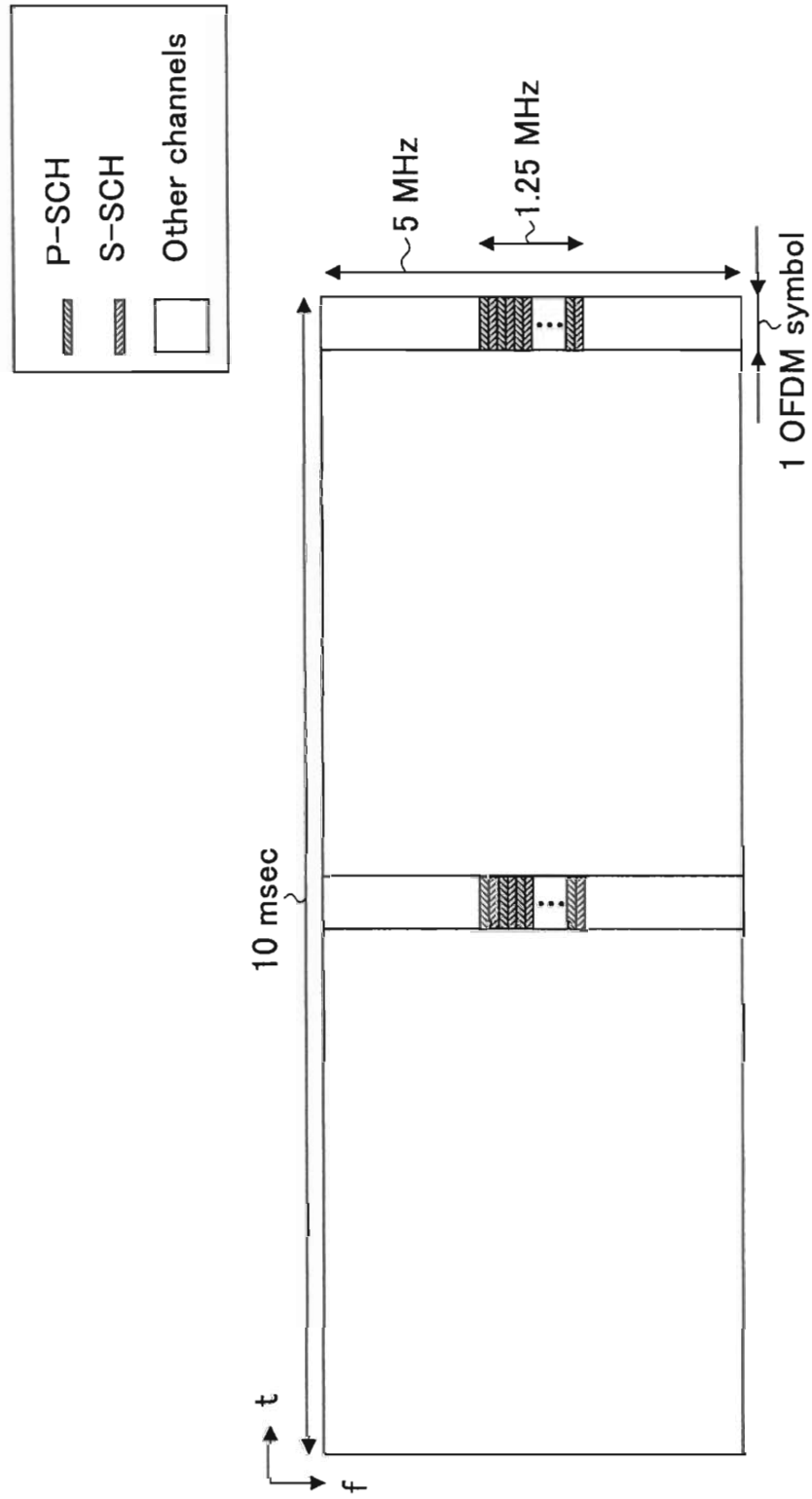


FIG.12

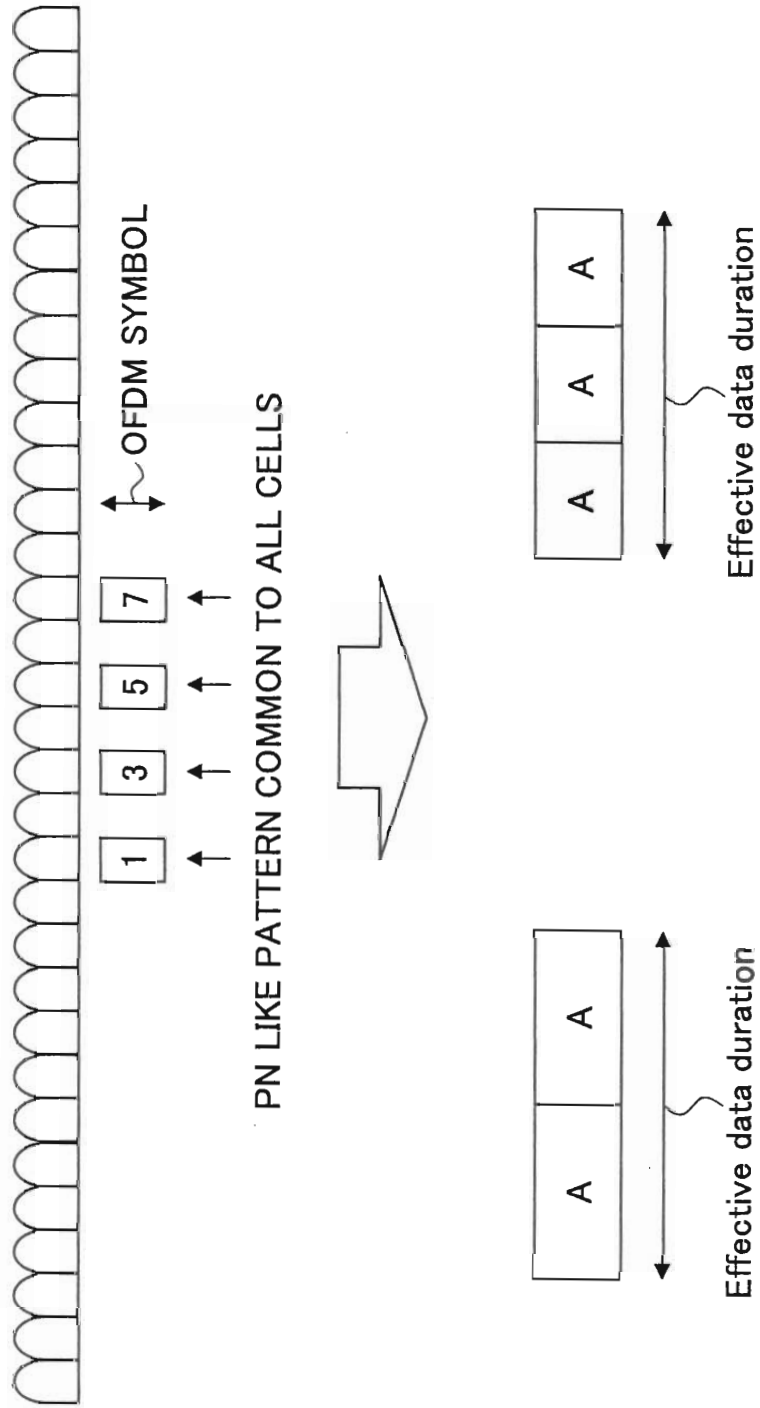
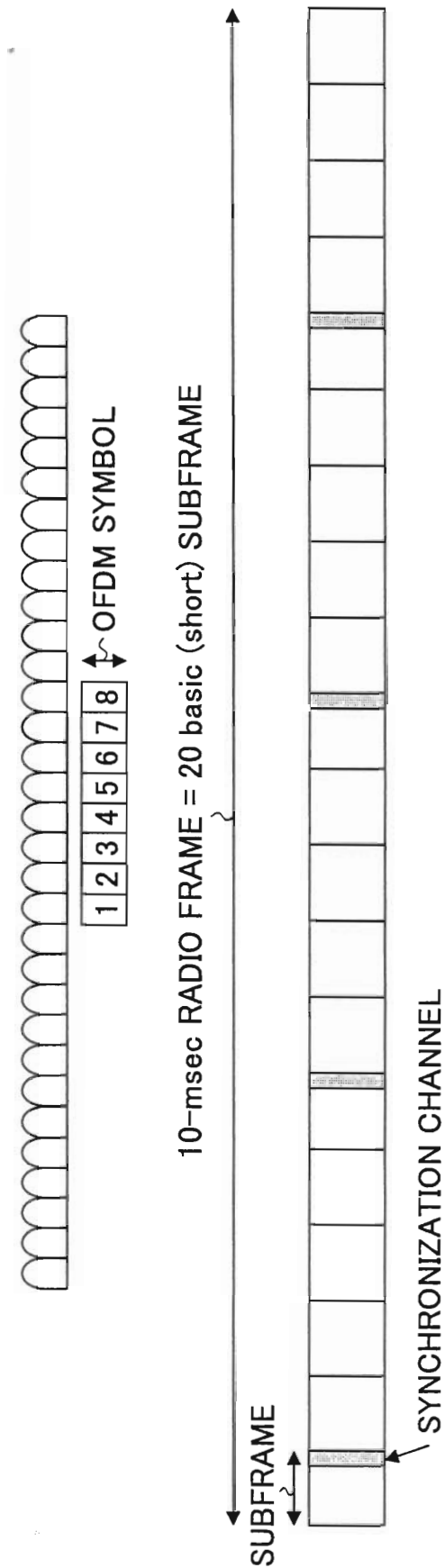


FIG.13A



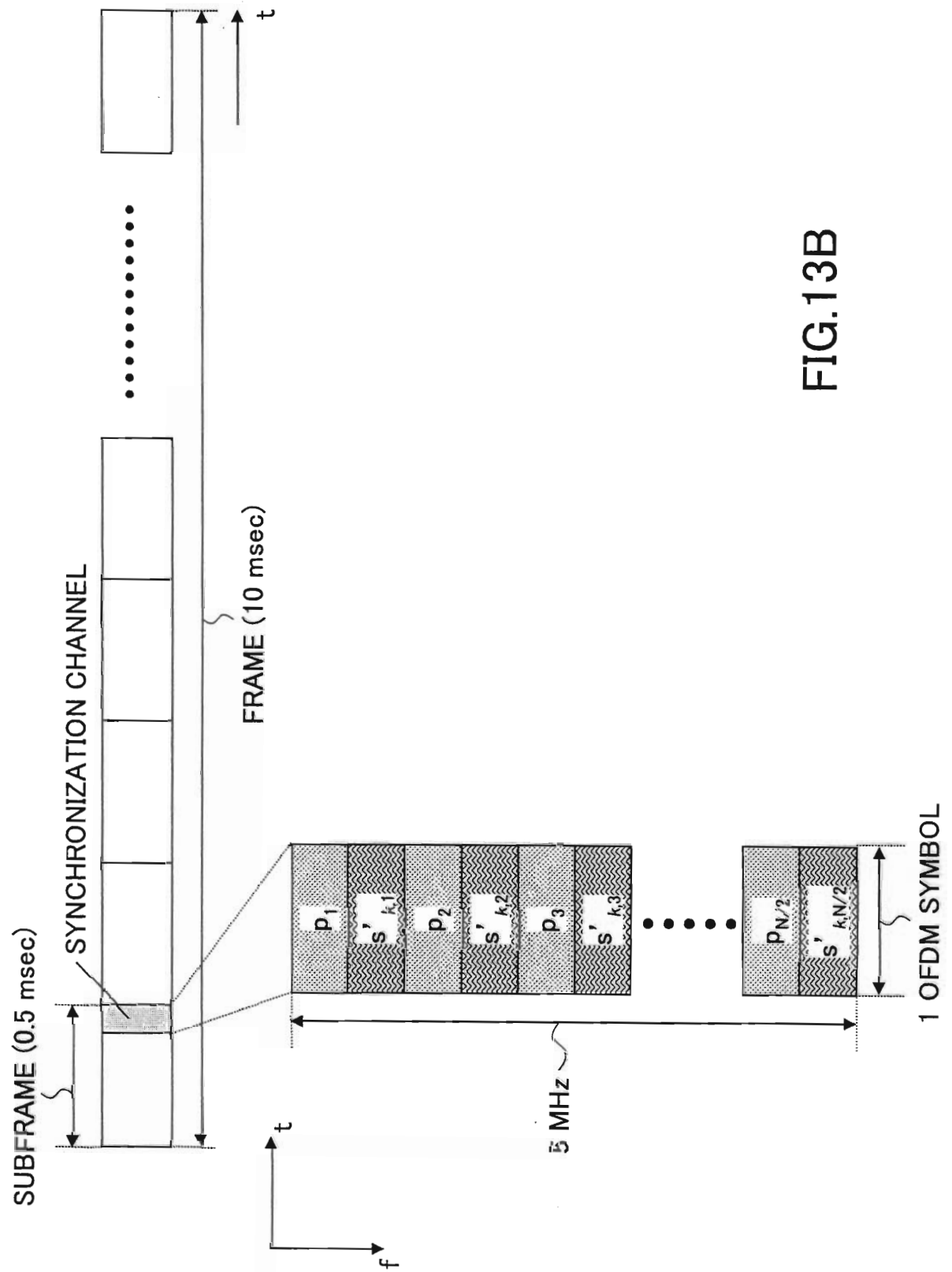


FIG.13B

FIG.13C

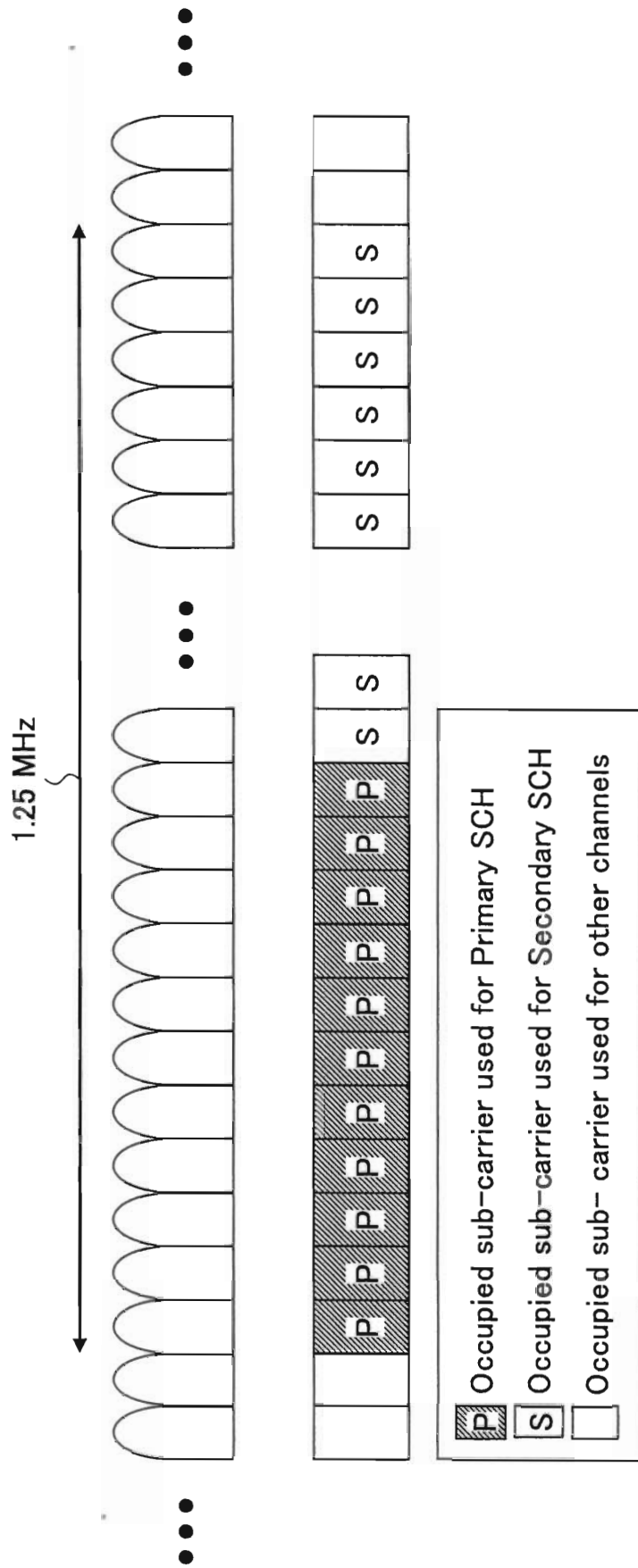


FIG.13E

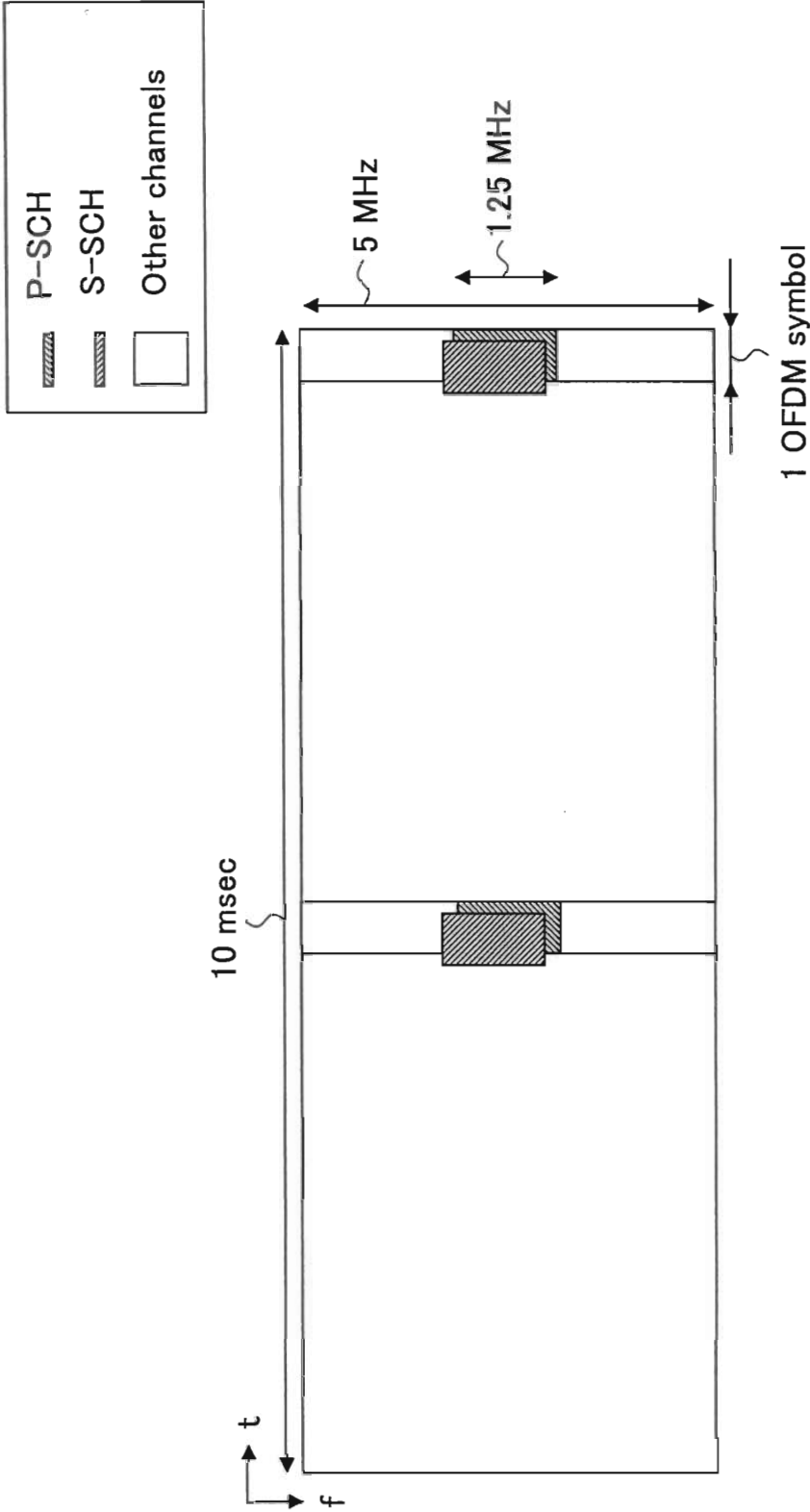


FIG.13F

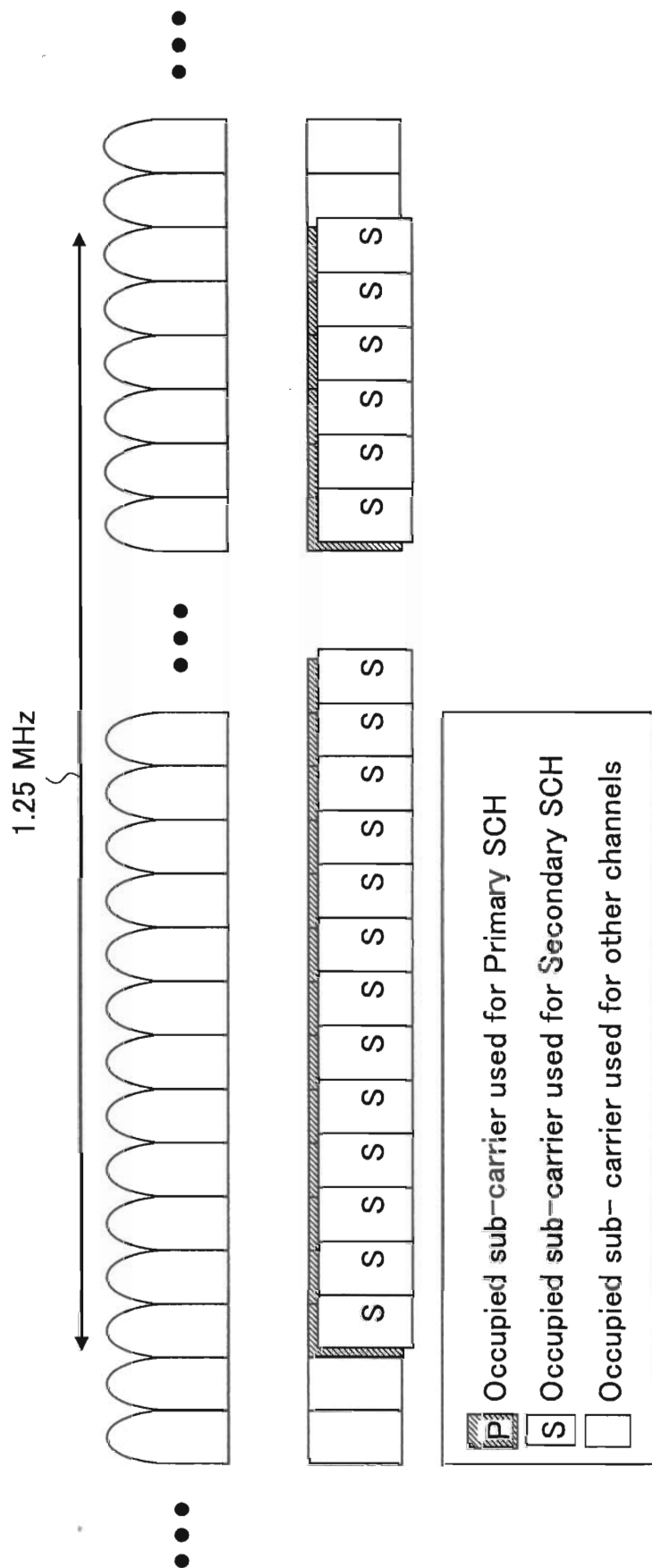


FIG.13G

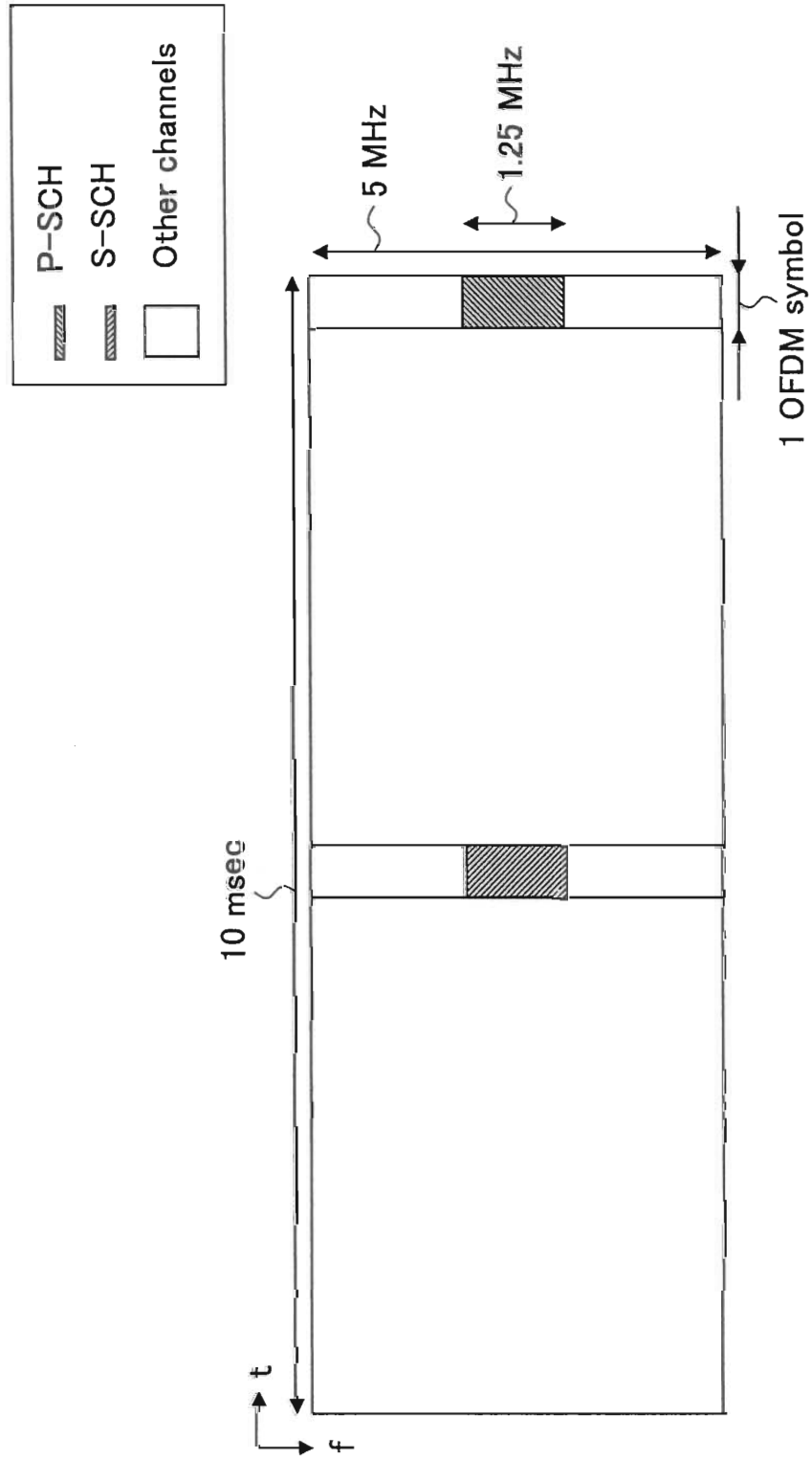


FIG.13H

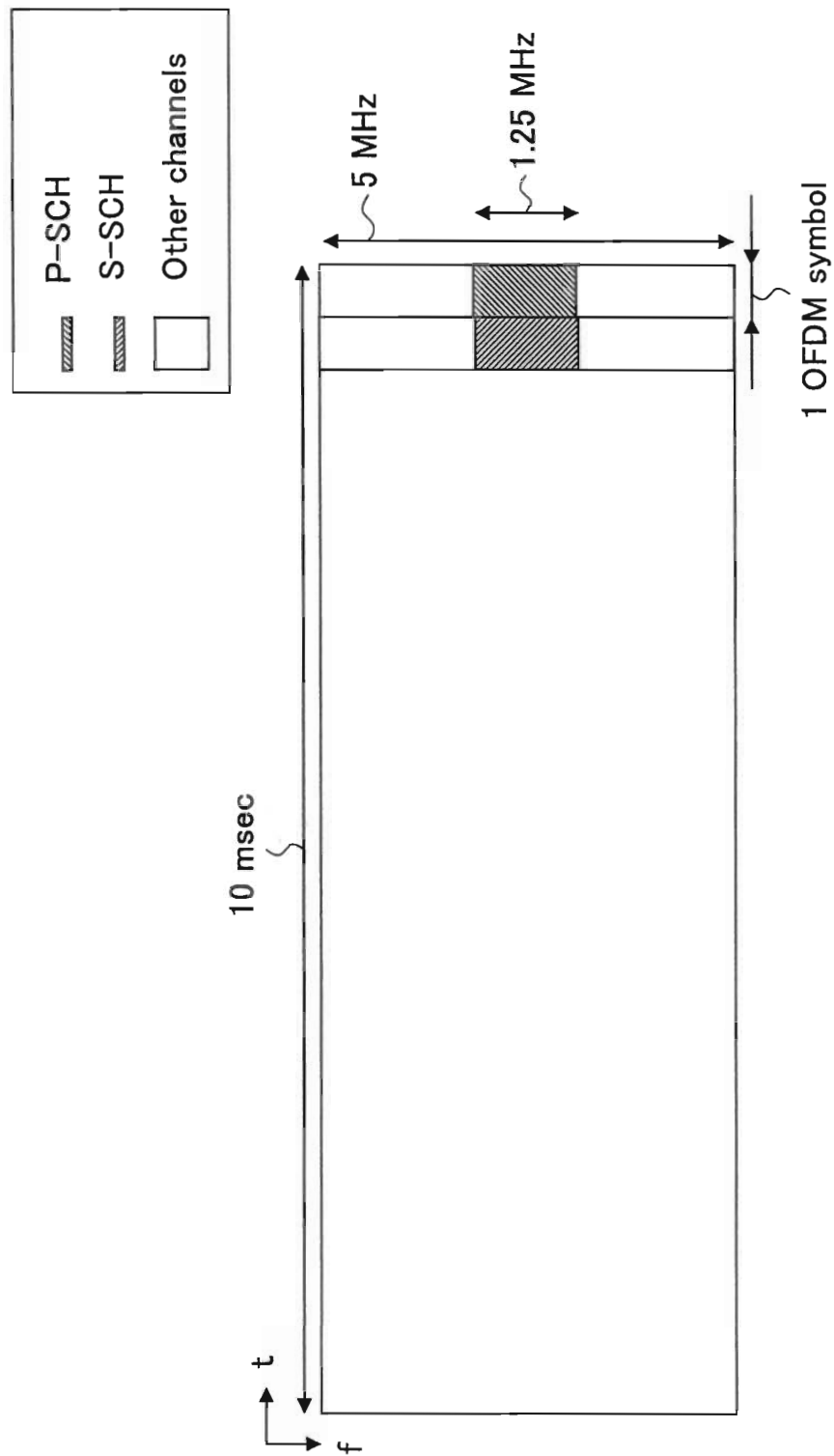


FIG.14

SCH CODE NUMBERS	CP LENGTH
C(1)	L_1
C(2)	L_2
C(3)	L_3
C(4)	L_4
• • • • • • •	• • • • • • •
$C(N_{CP})$	L_{NCP}

FIG.15

SCH CODE NUMBERS	SCRAMBLE CODE GROUP NUMBERS	CP LENGTH
C(1)	#1	L_1
C(2)	#1	L_2
C(3)	#2	L_1
C(4)	#2	L_2
• • • • • • •	• • • • • • •	• • • • • • •
$C(2N_{grp}-1)$	$\#N_{grp}$	L_1
$C(2N_{grp})$	$\#N_{grp}$	L_2

FIG.16

SCH CODE NUMBERS	SCRAMBLE CODE GROUP NUMBERS
C(1)	#1
C(2)	#2
C(3)	#3
• • • • • • •	• • • • • • •
$C(N_{ETD})$	$\#N_{ETD}$

FIG.17A

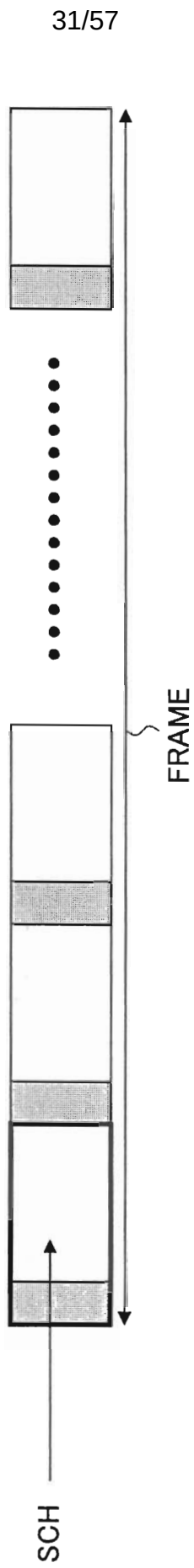


FIG.17B

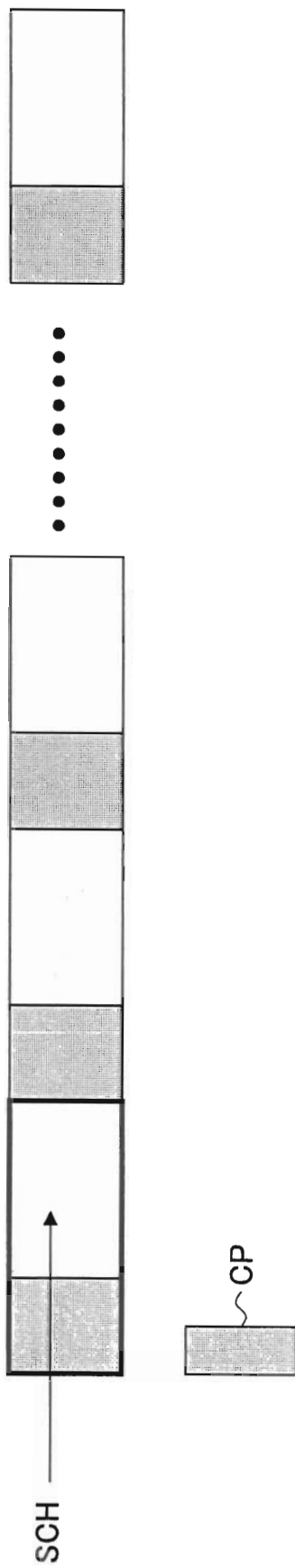


FIG.18A

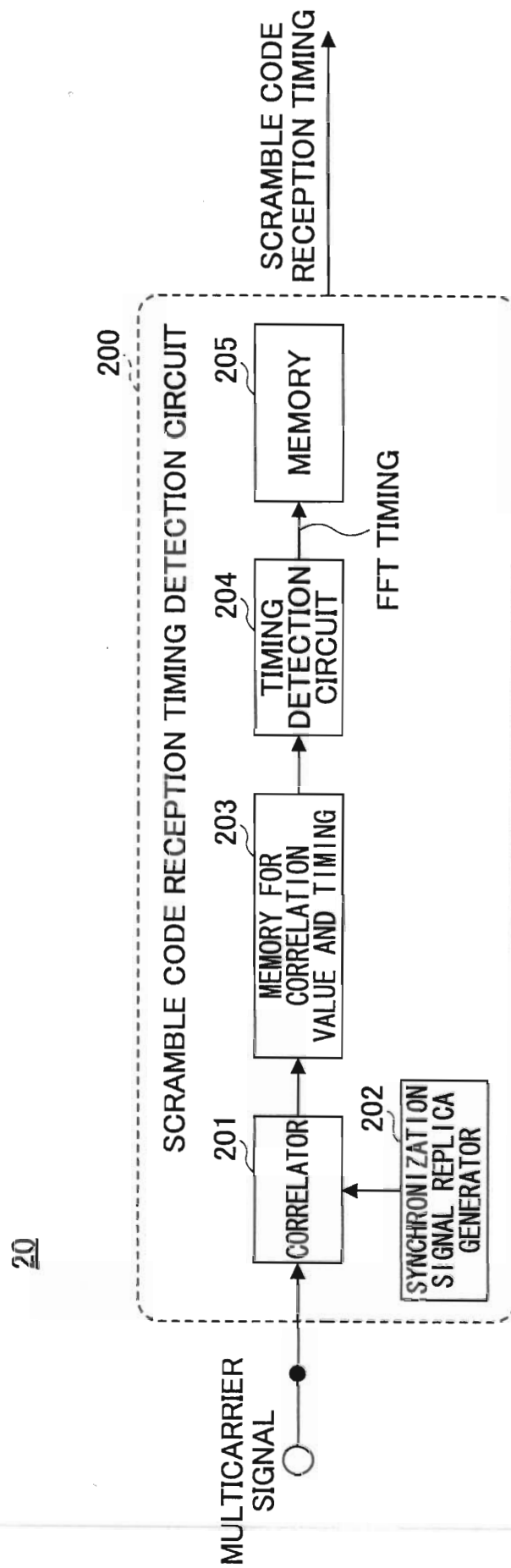


FIG.18B

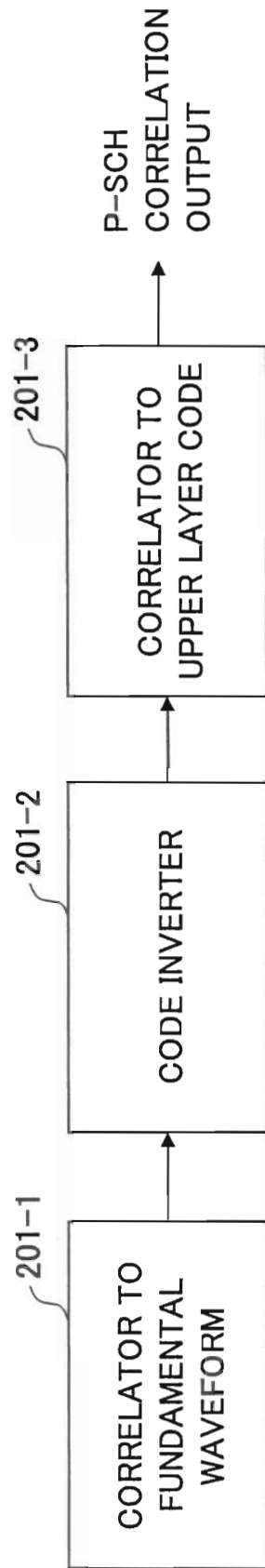


FIG.19A

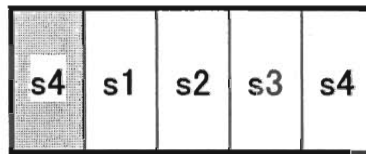


FIG.19B

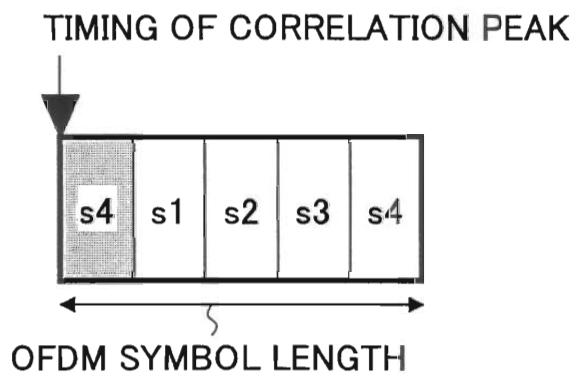


FIG.19C

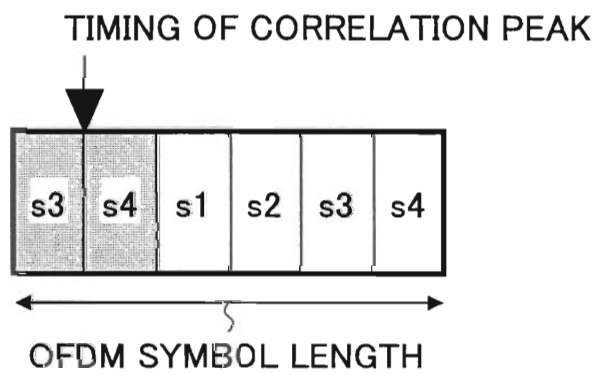


FIG.20

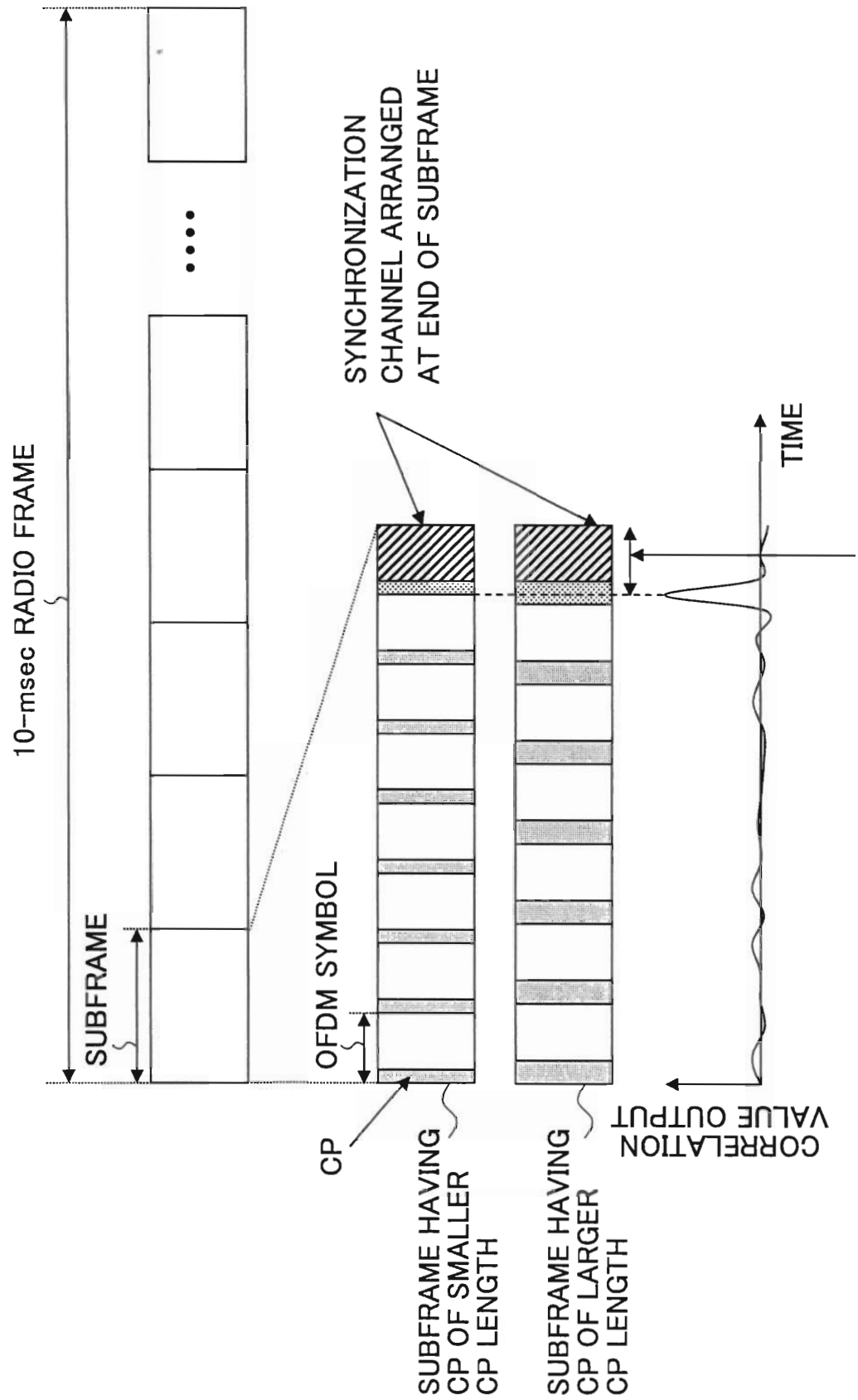
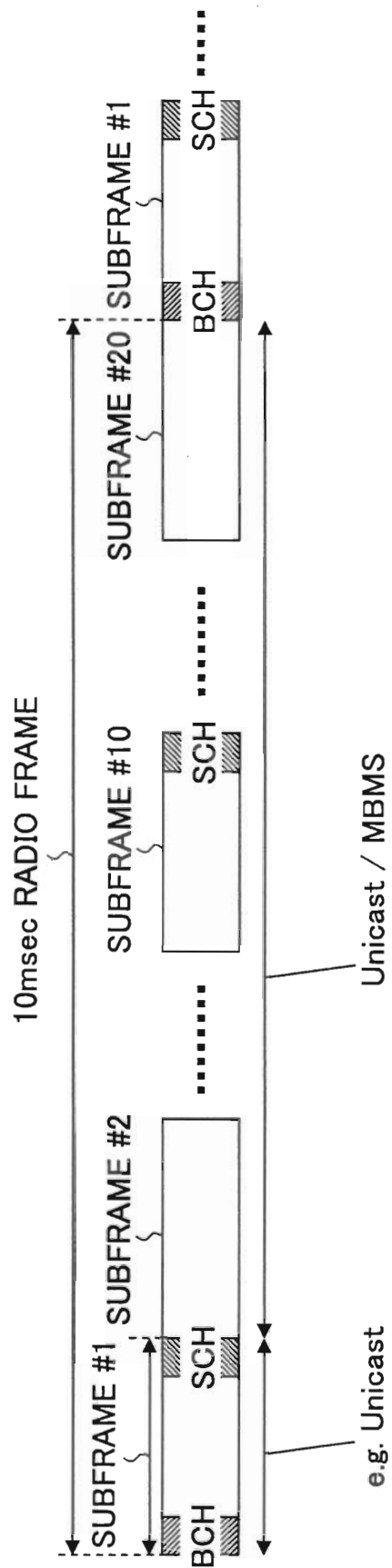


FIG.21



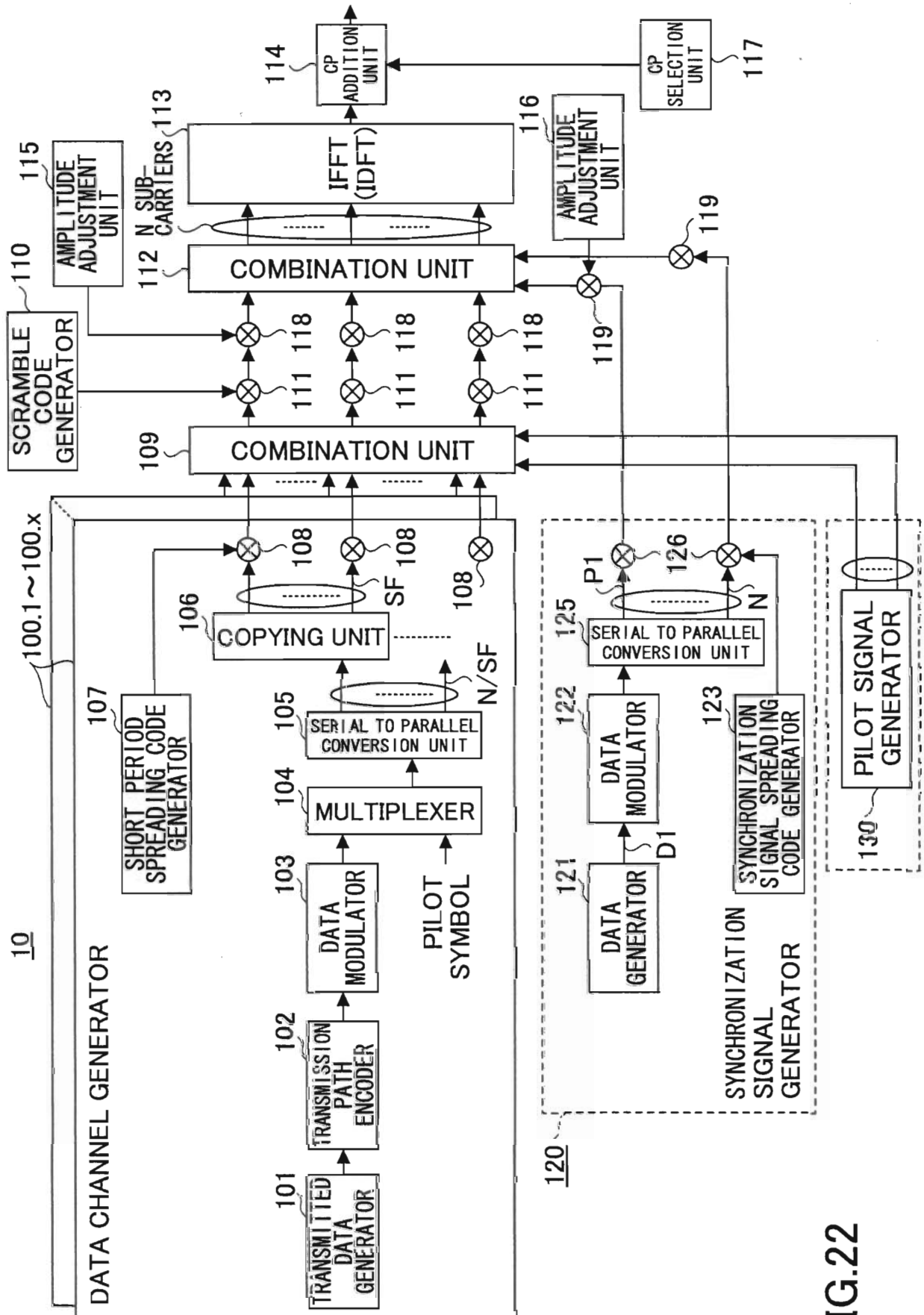


FIG.22

FIG.23



FIG. 24A

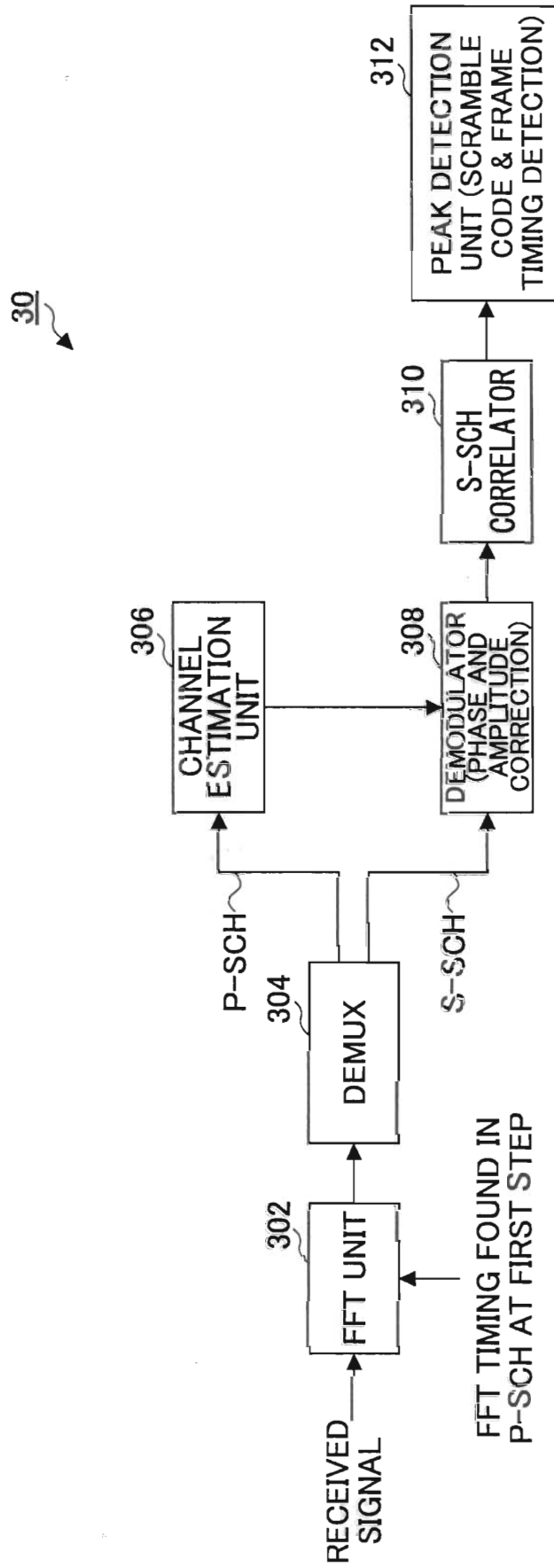


FIG.24B

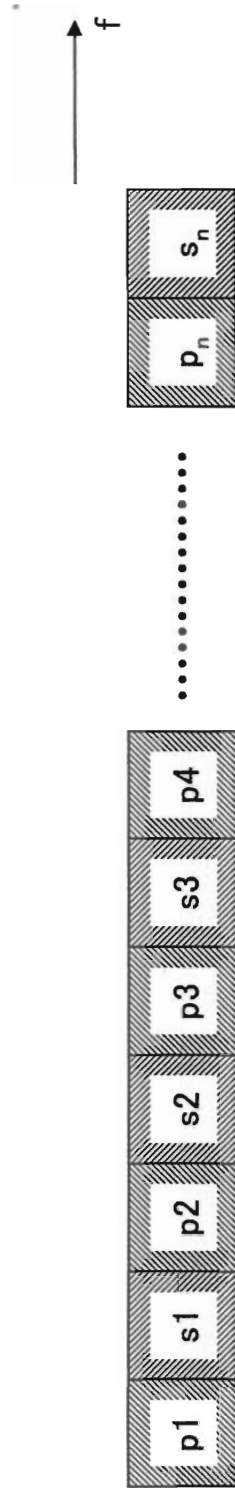


FIG.24C

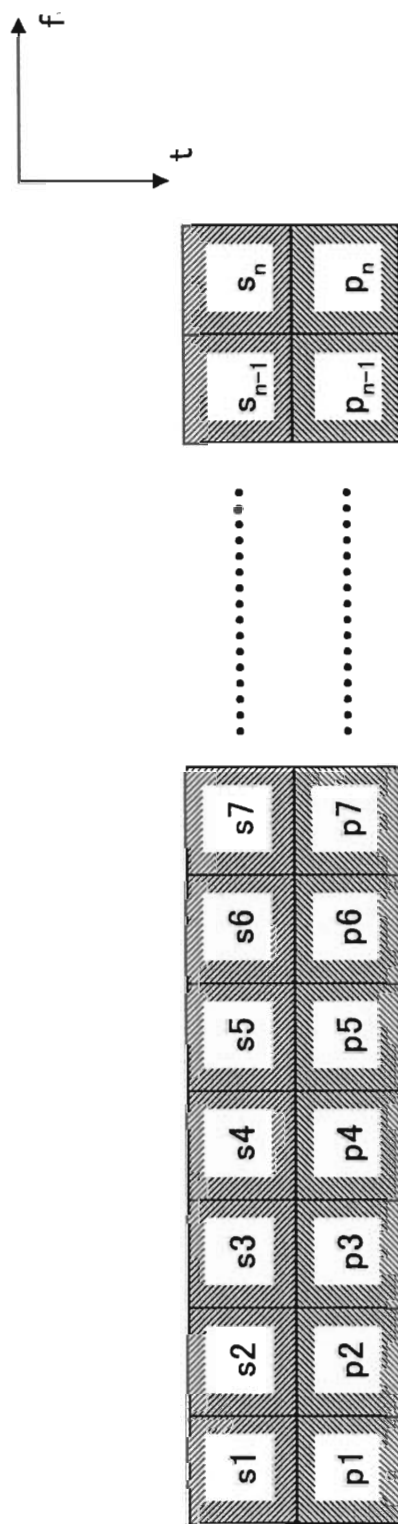


FIG.24D

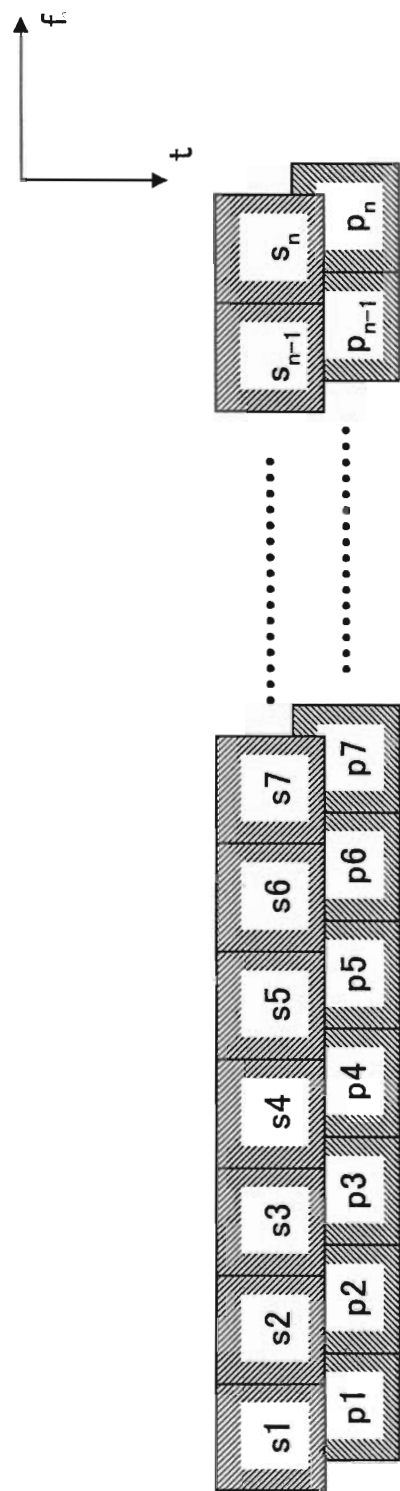


FIG.25A

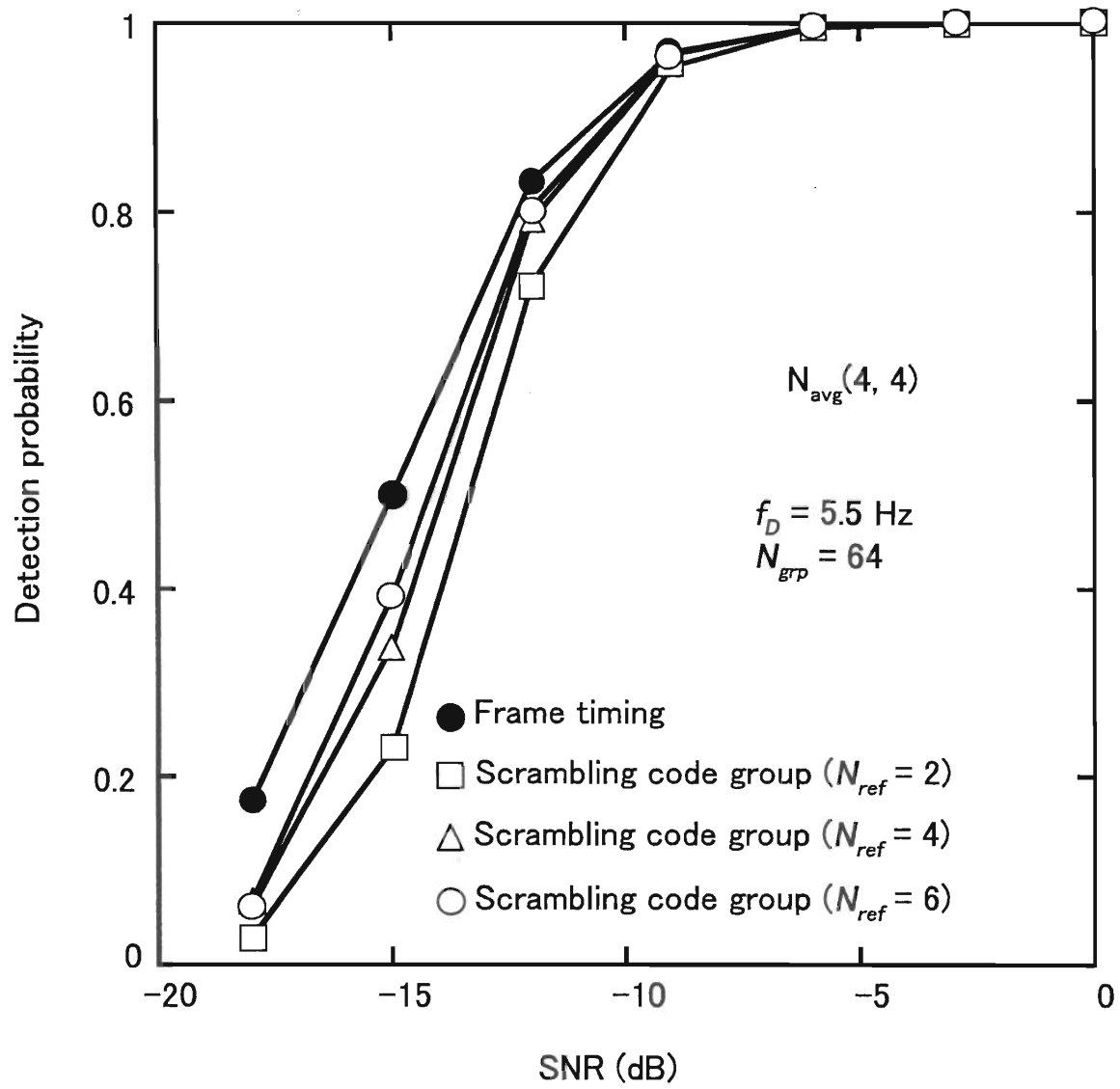


FIG.25B

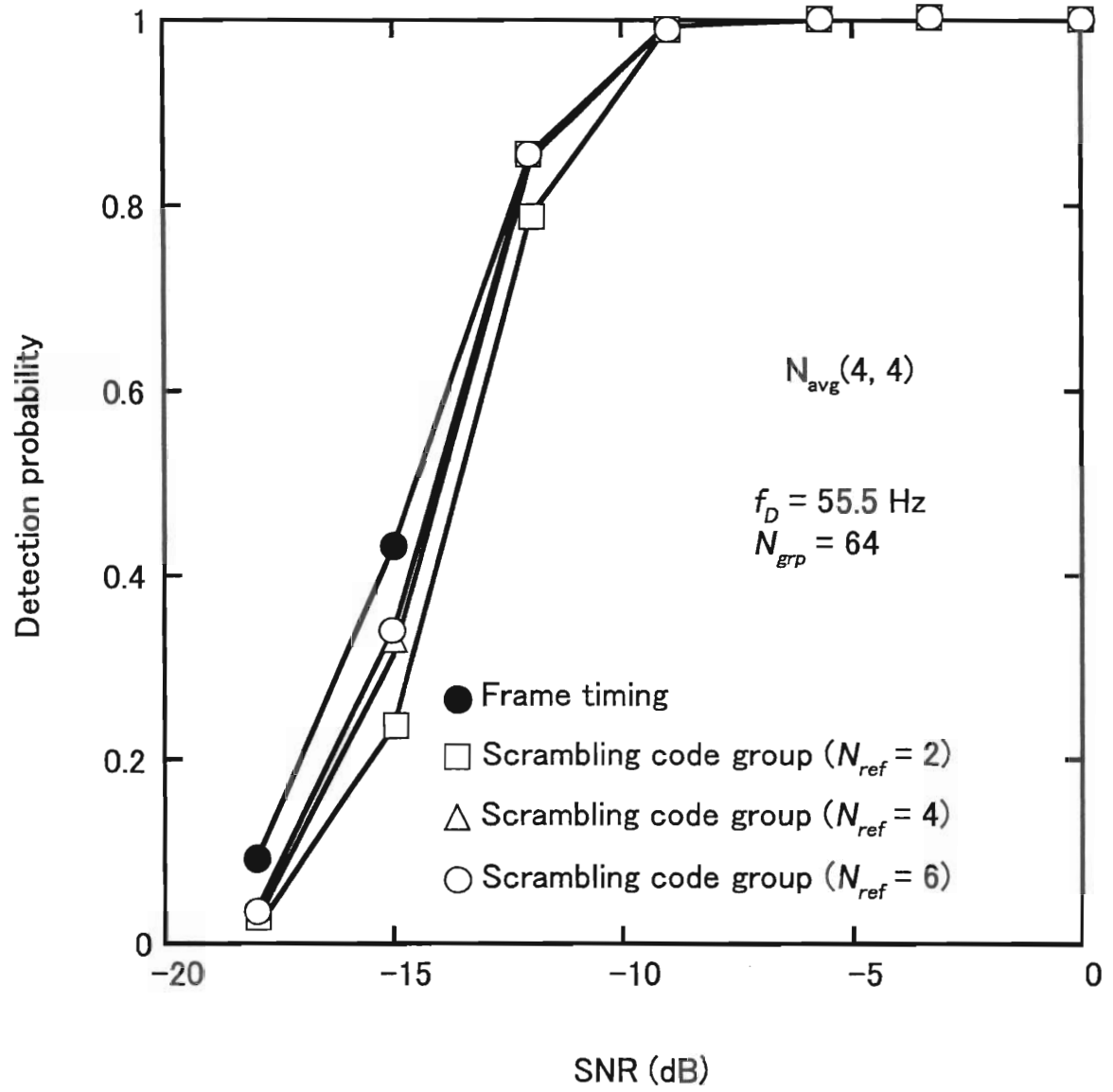


FIG.26

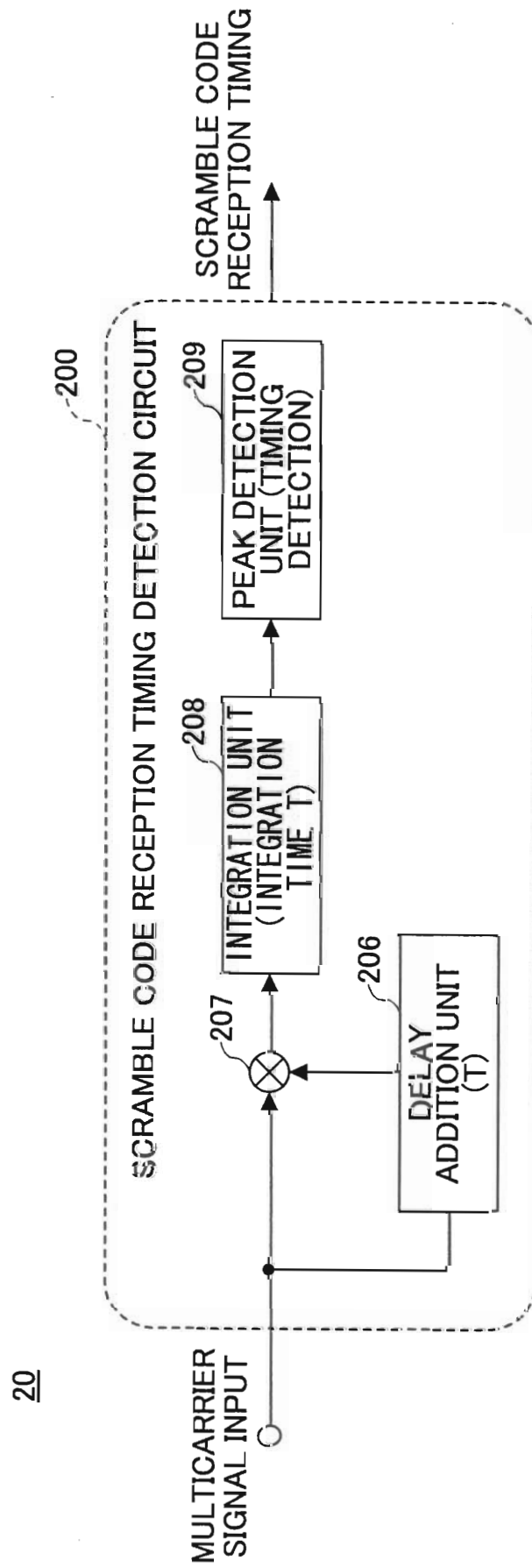


FIG.27A

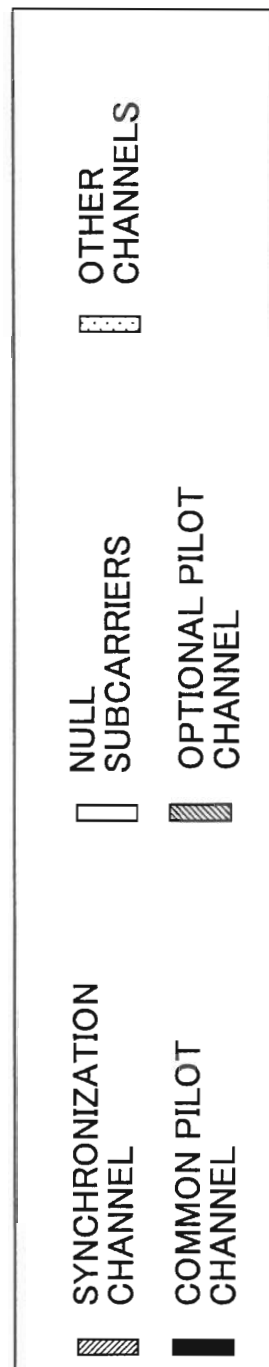
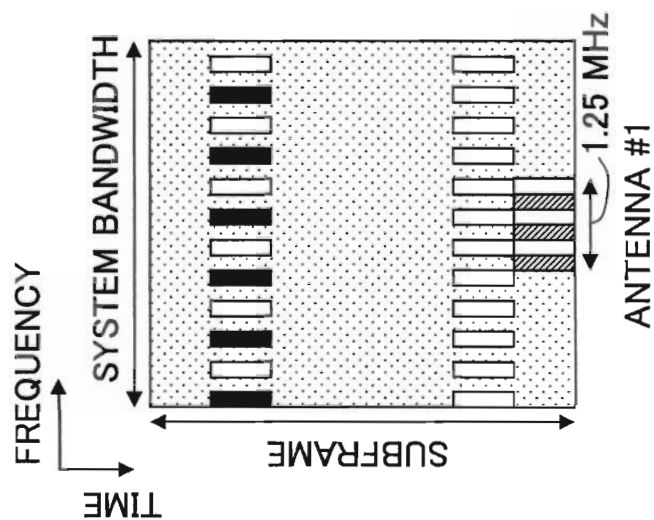


FIG.27B

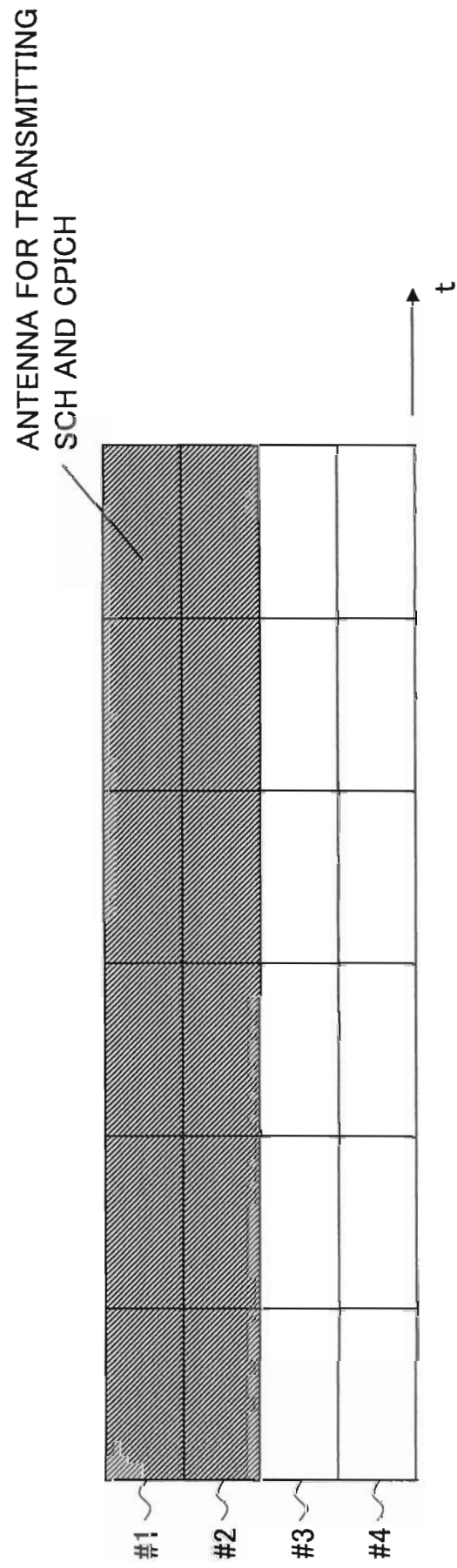


FIG.27C

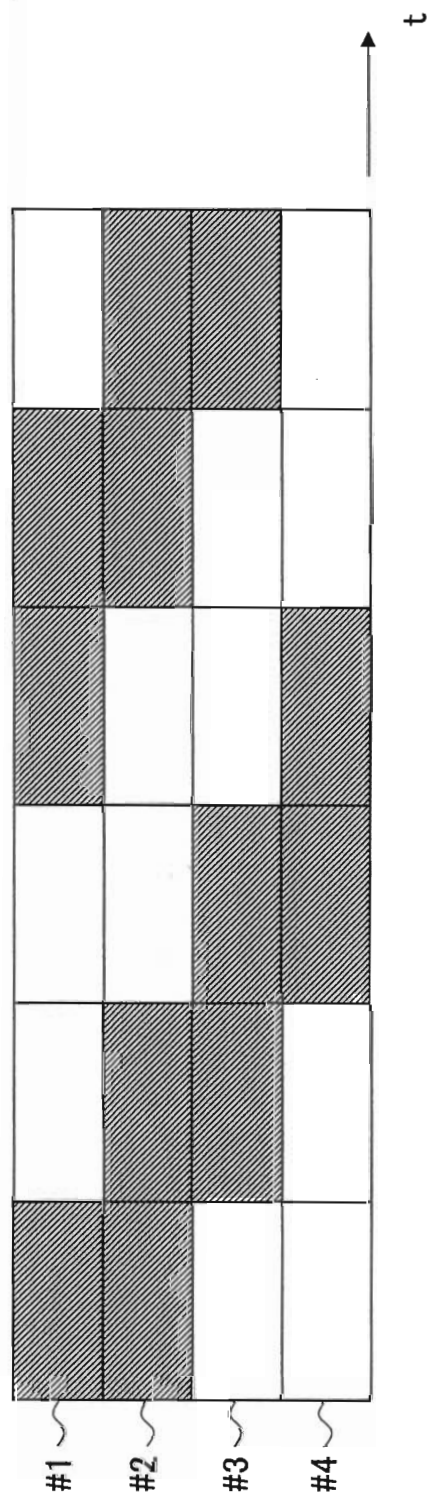


FIG.28

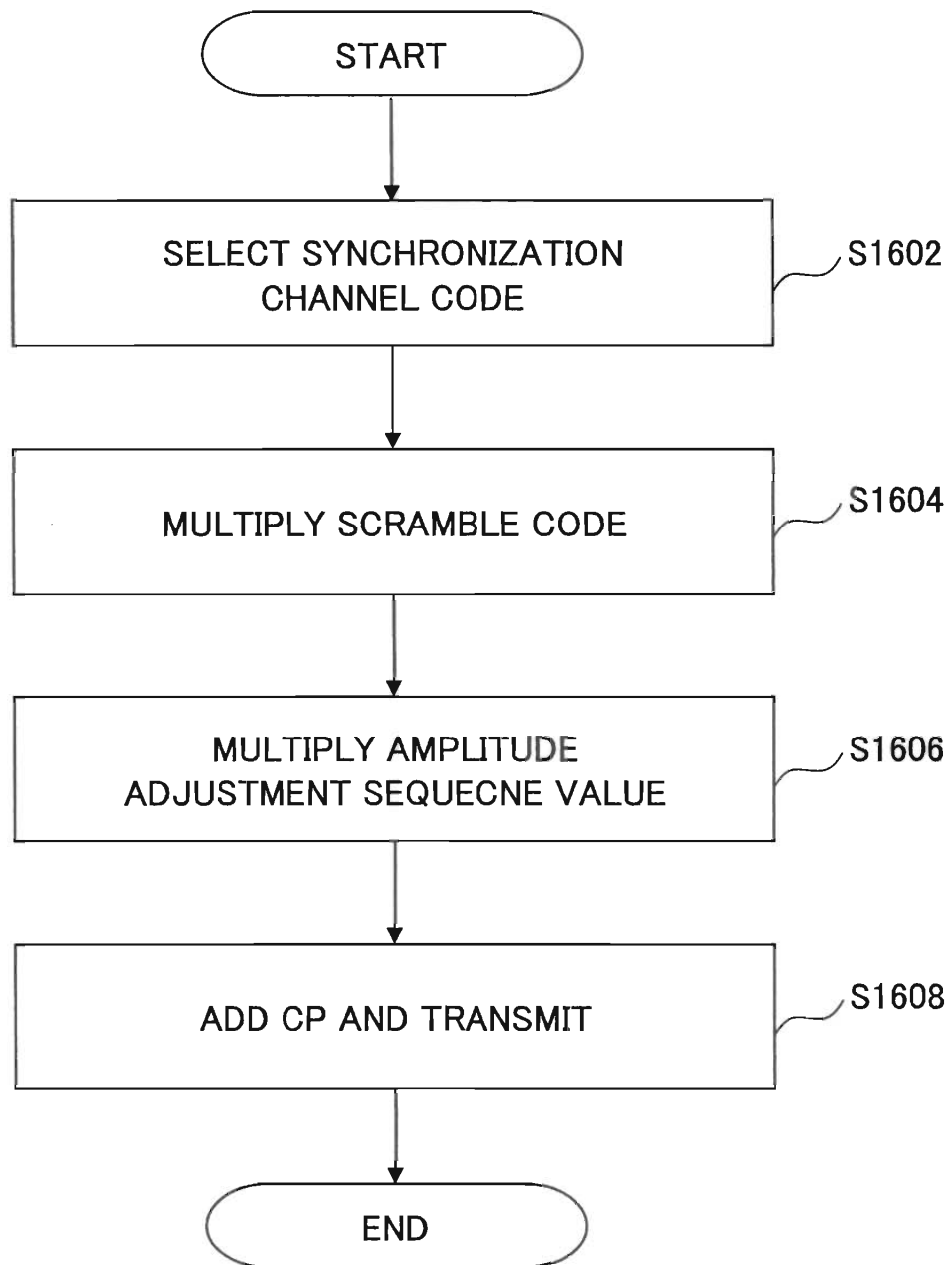


FIG.29A

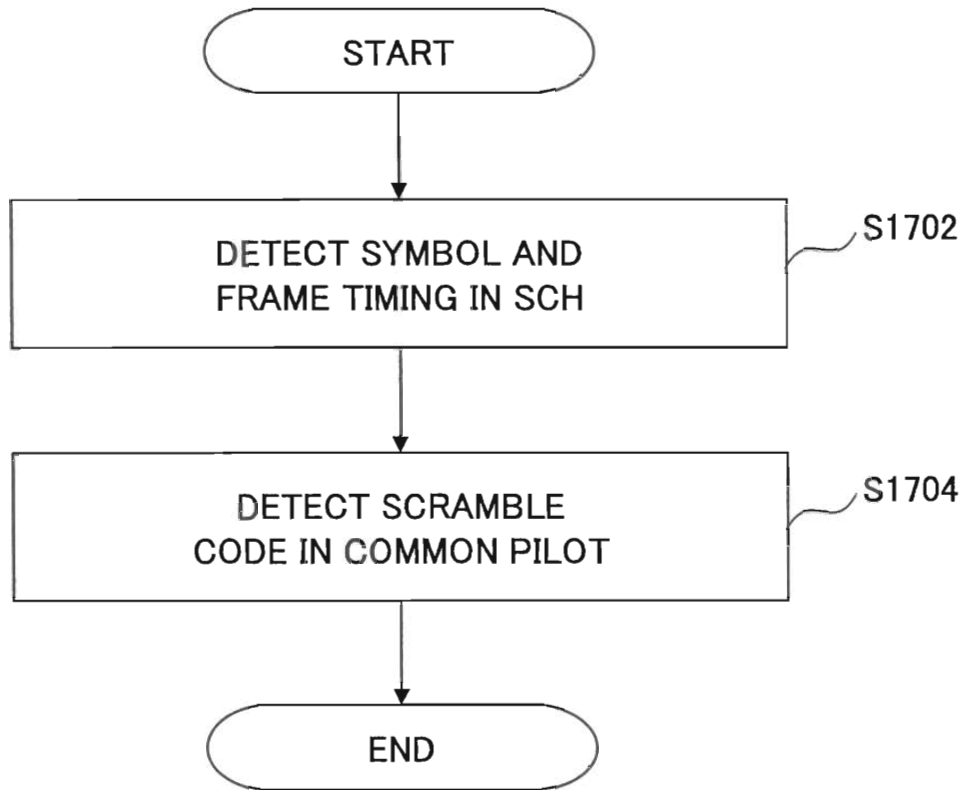


FIG.29B

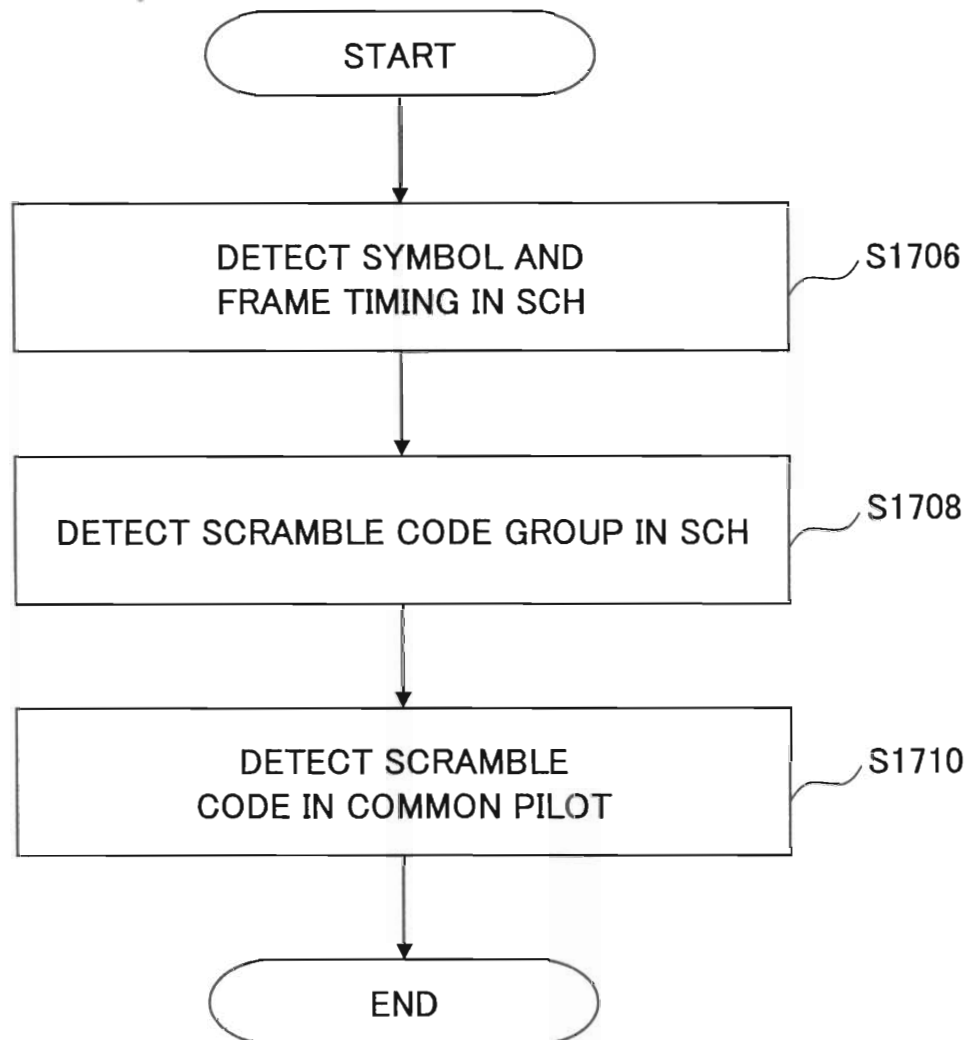


FIG.29C

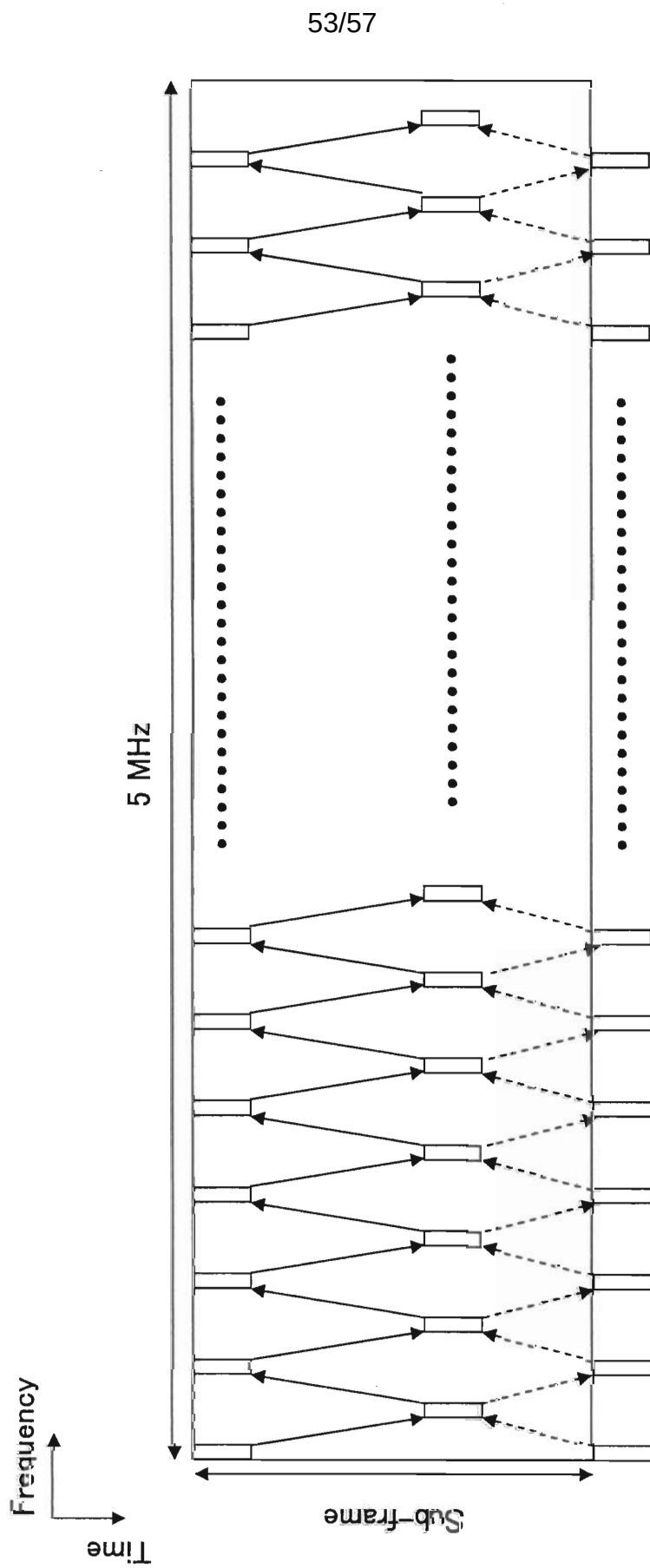


FIG.29D

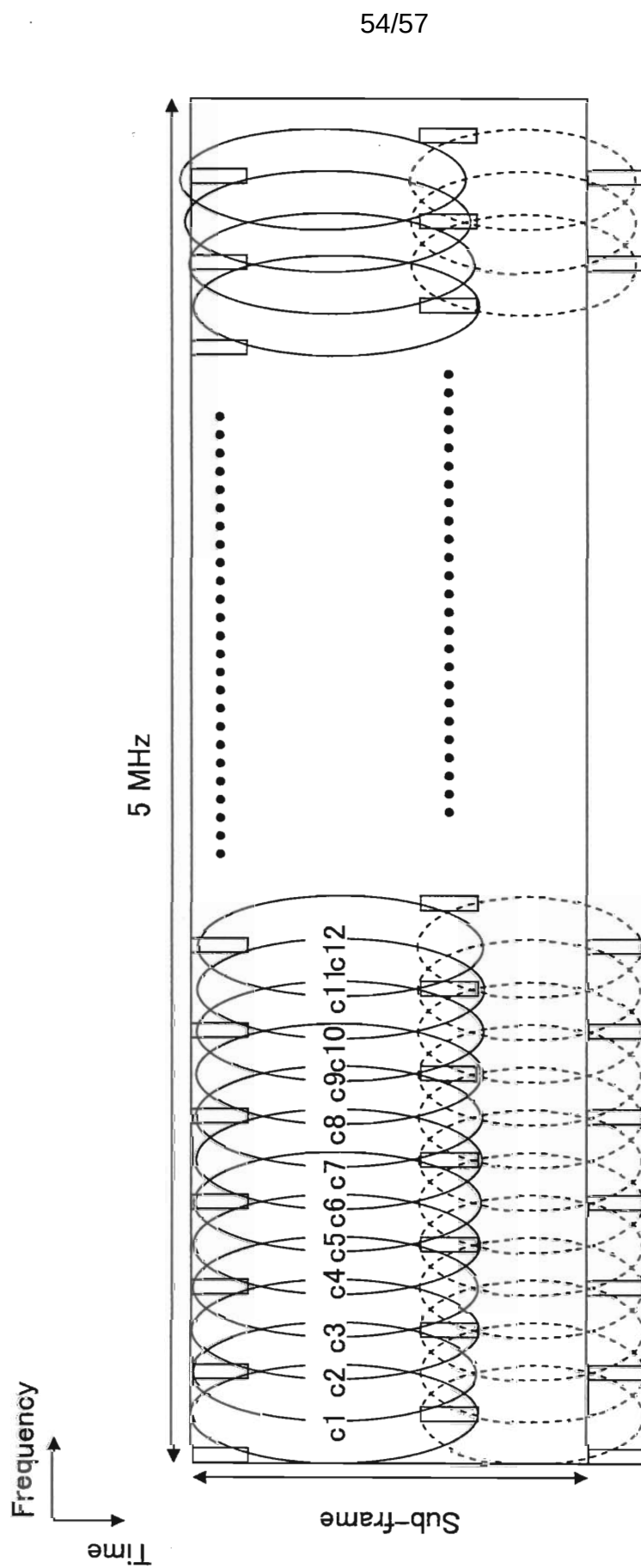


FIG.29E

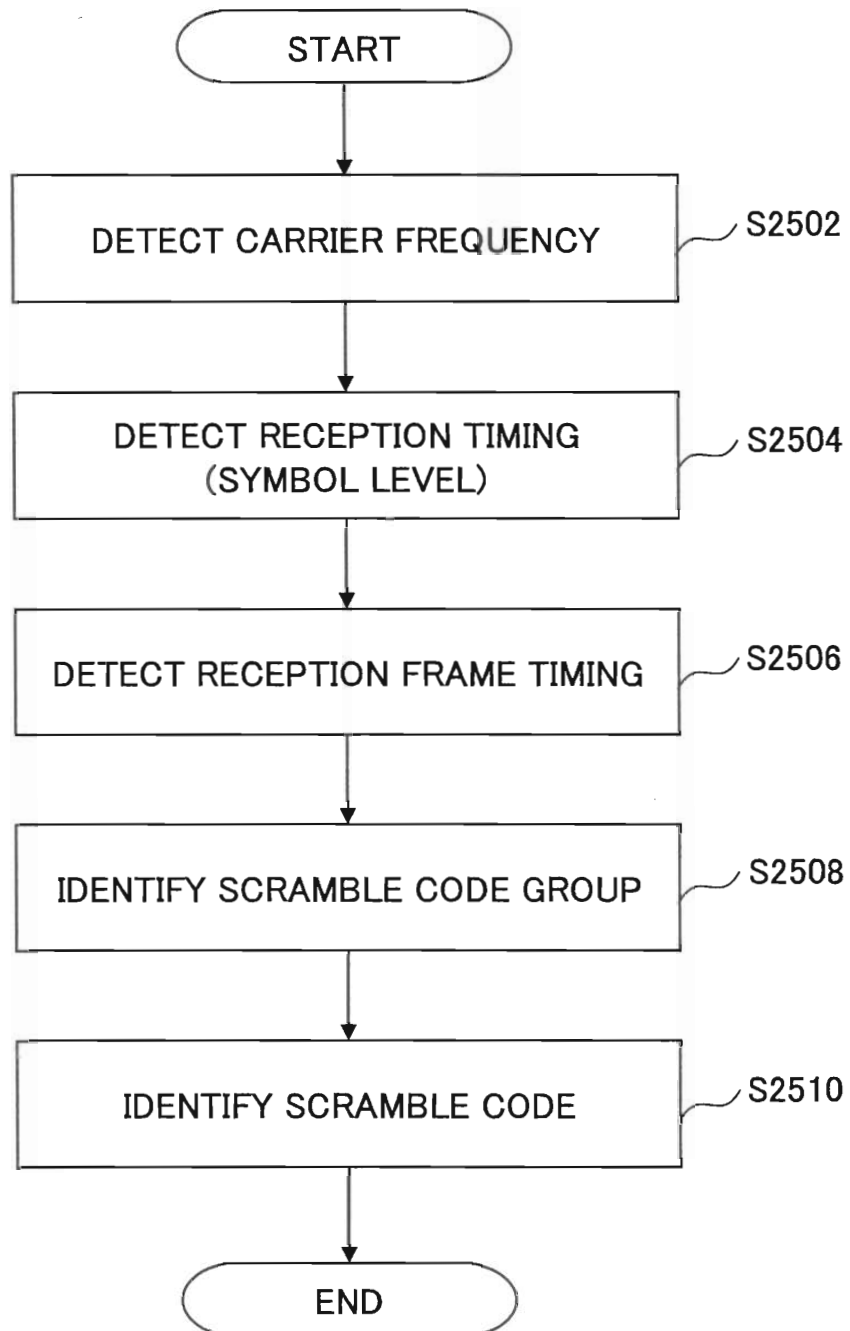


FIG.29F

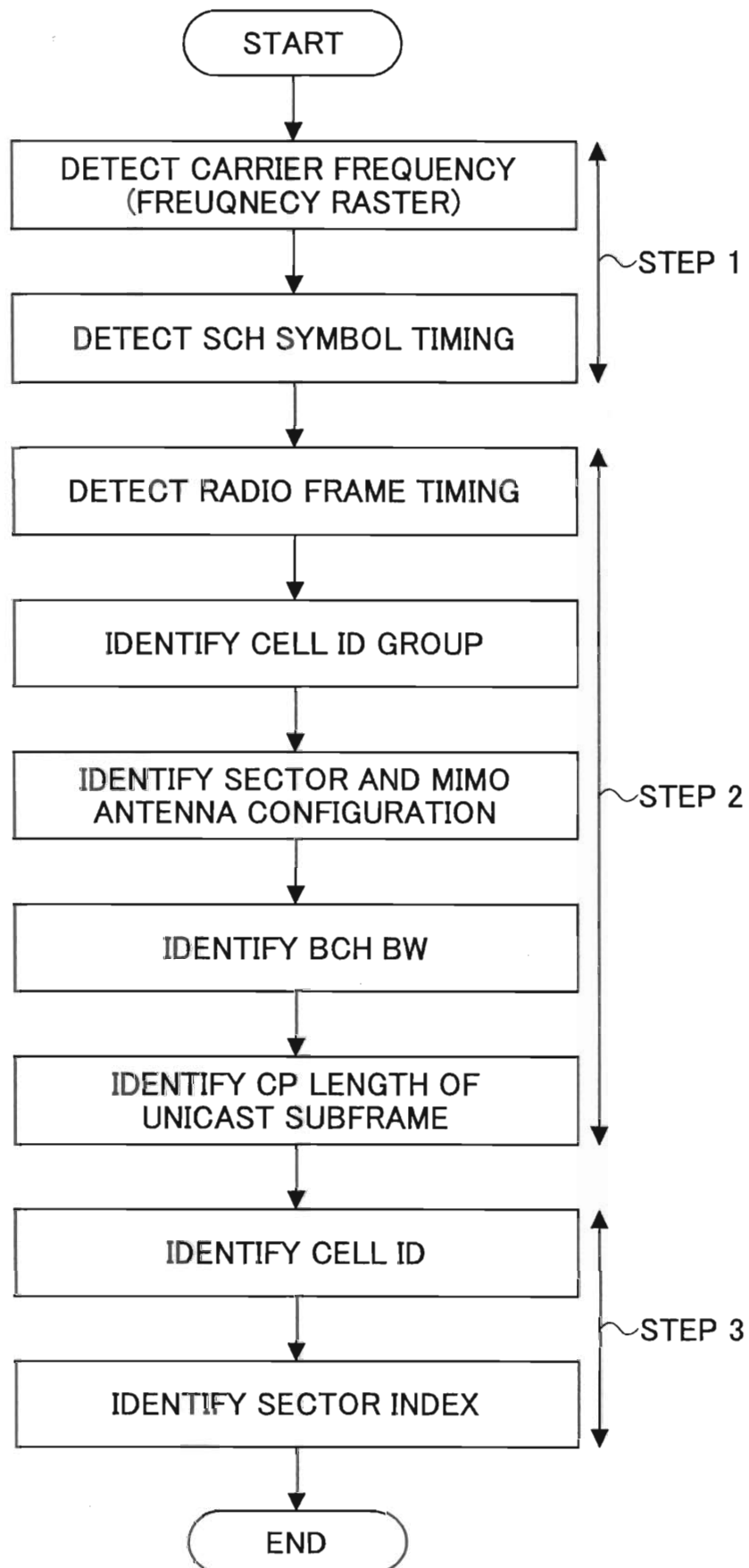


FIG.30

