

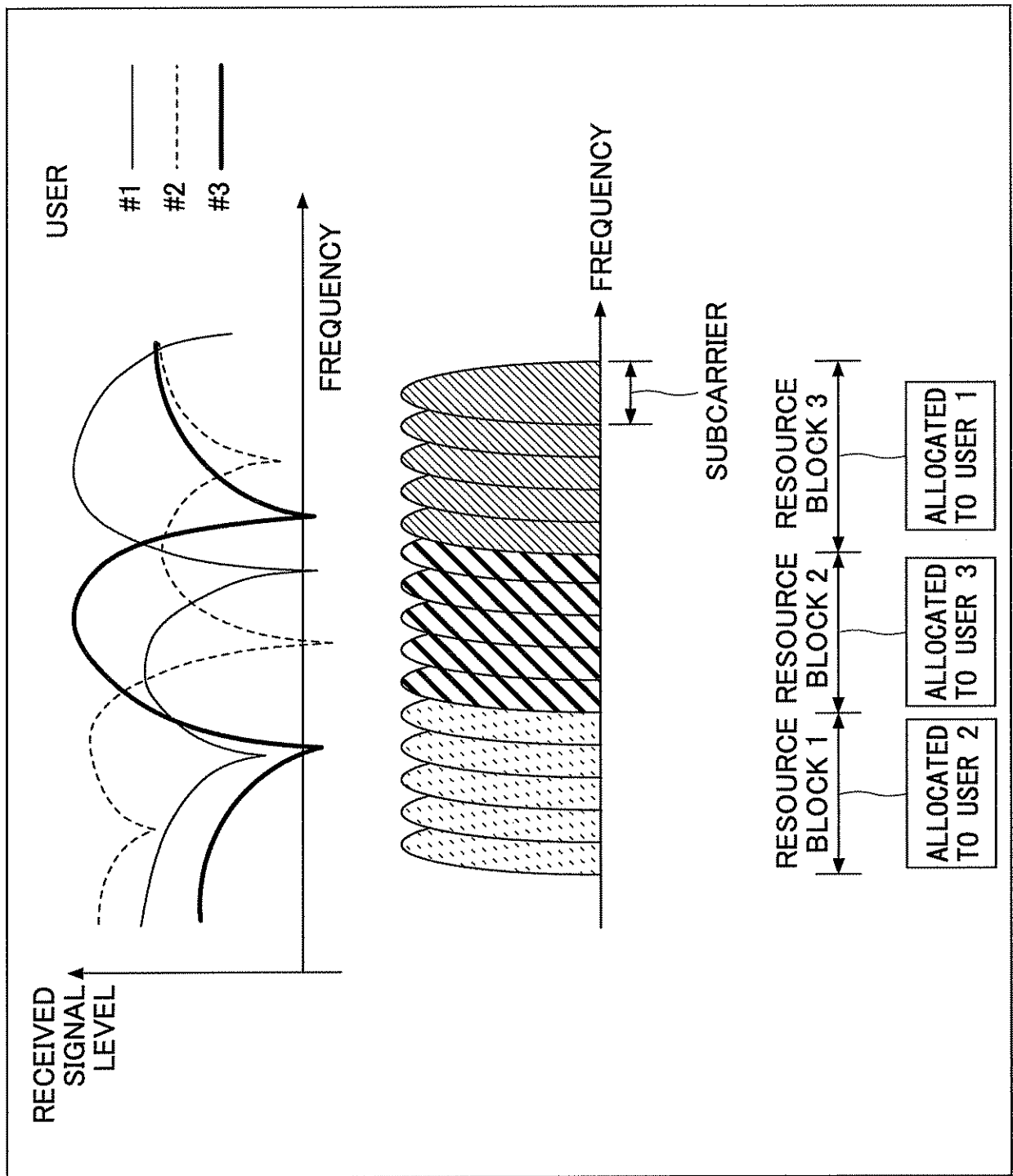
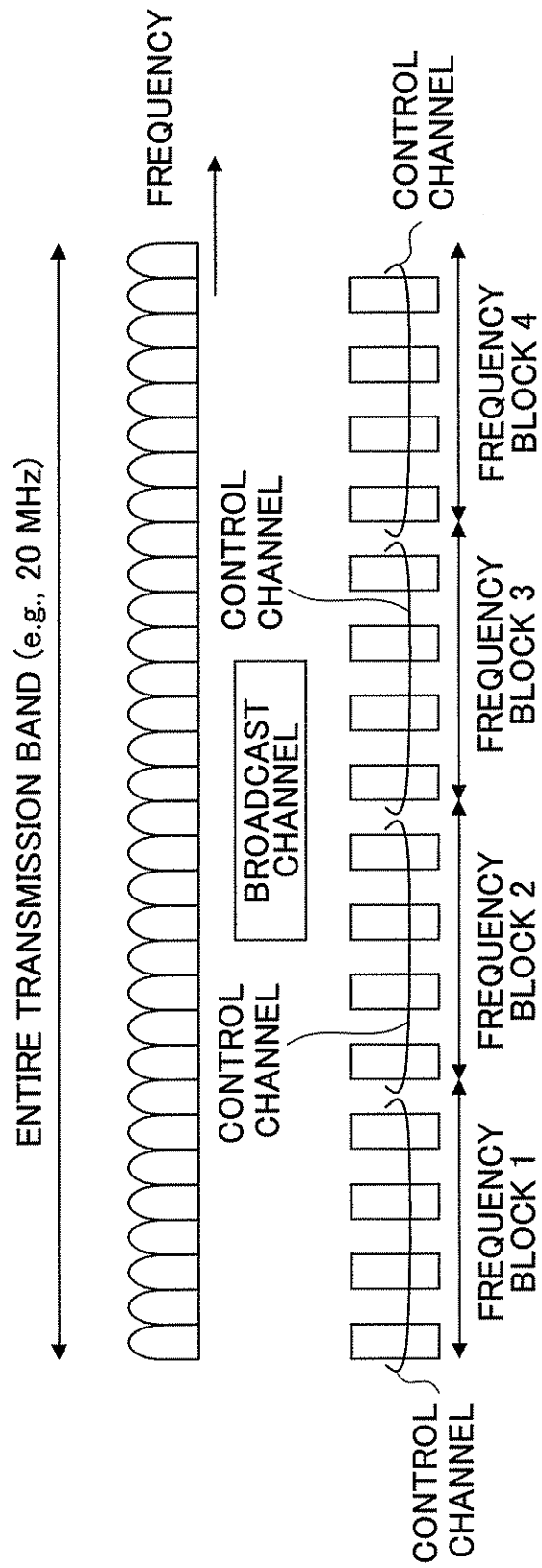


FIG.2



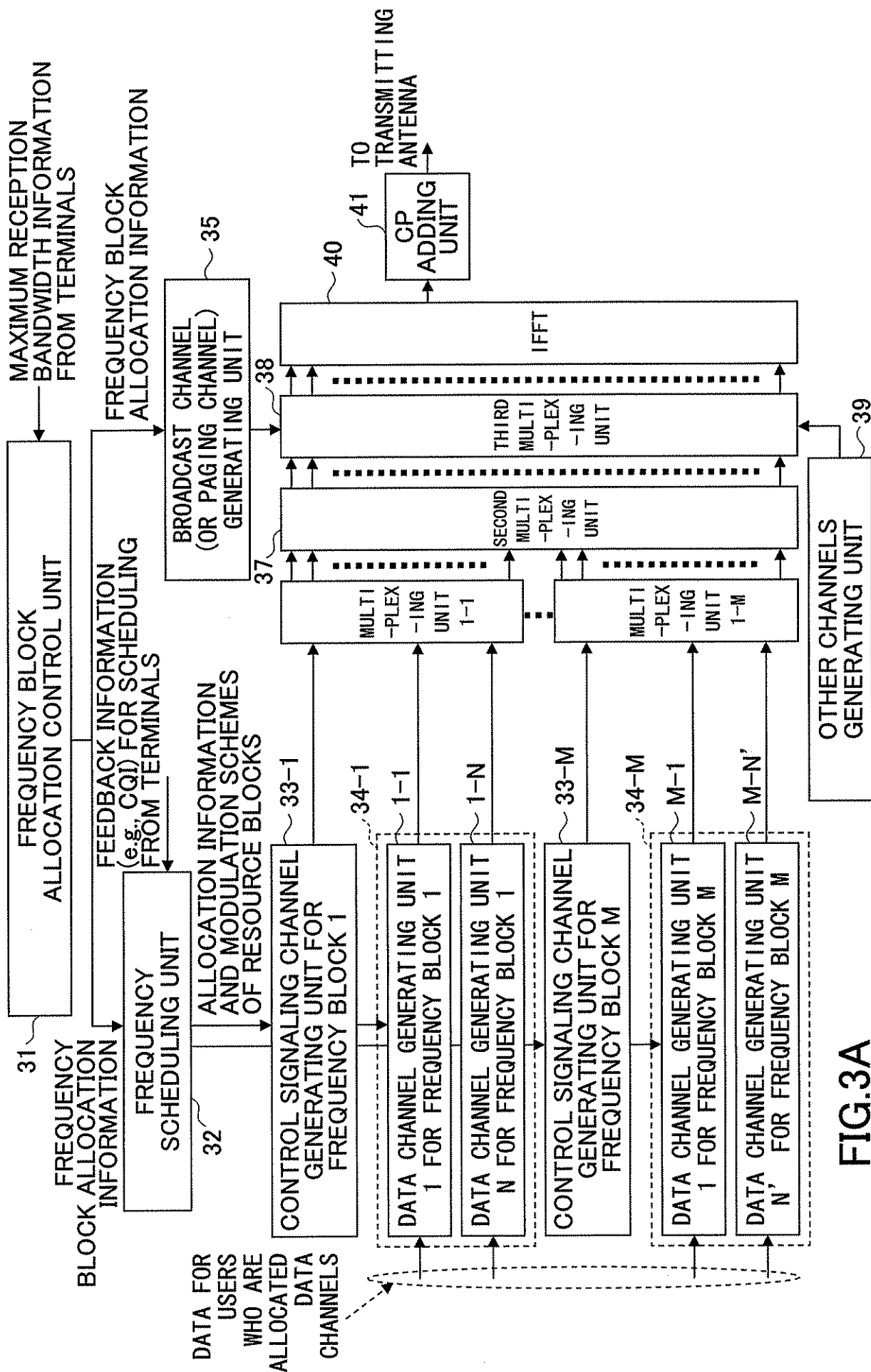
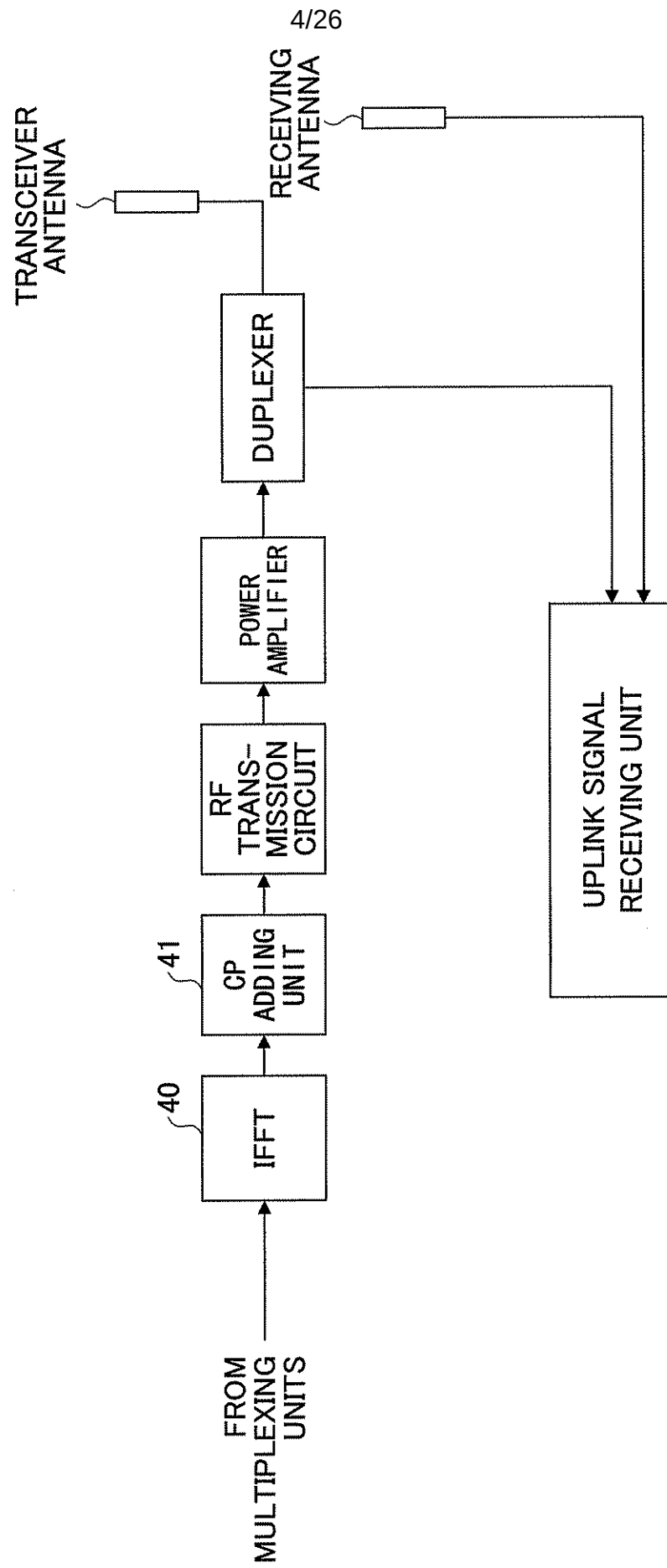


FIG.3B



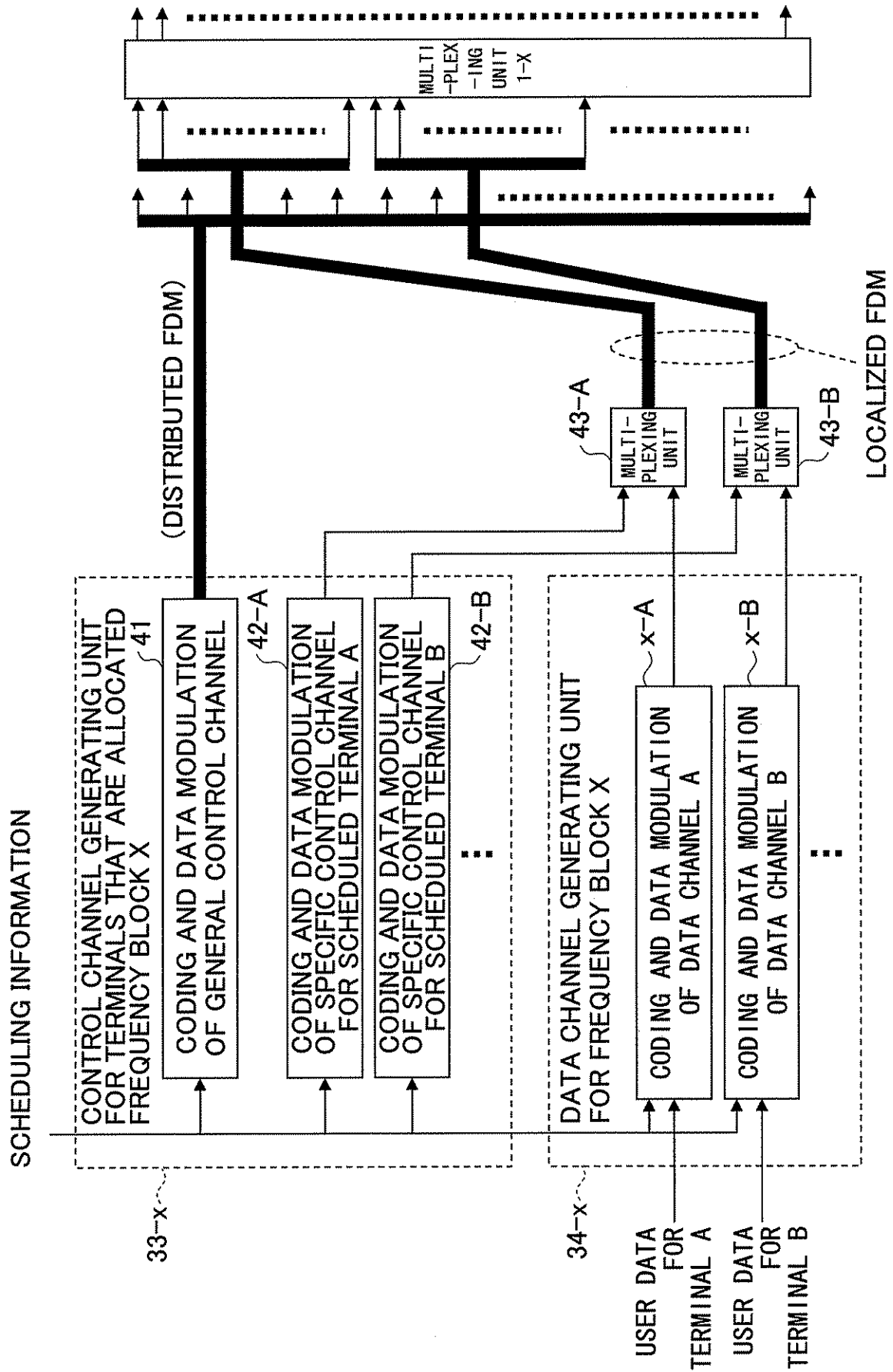


FIG.4A

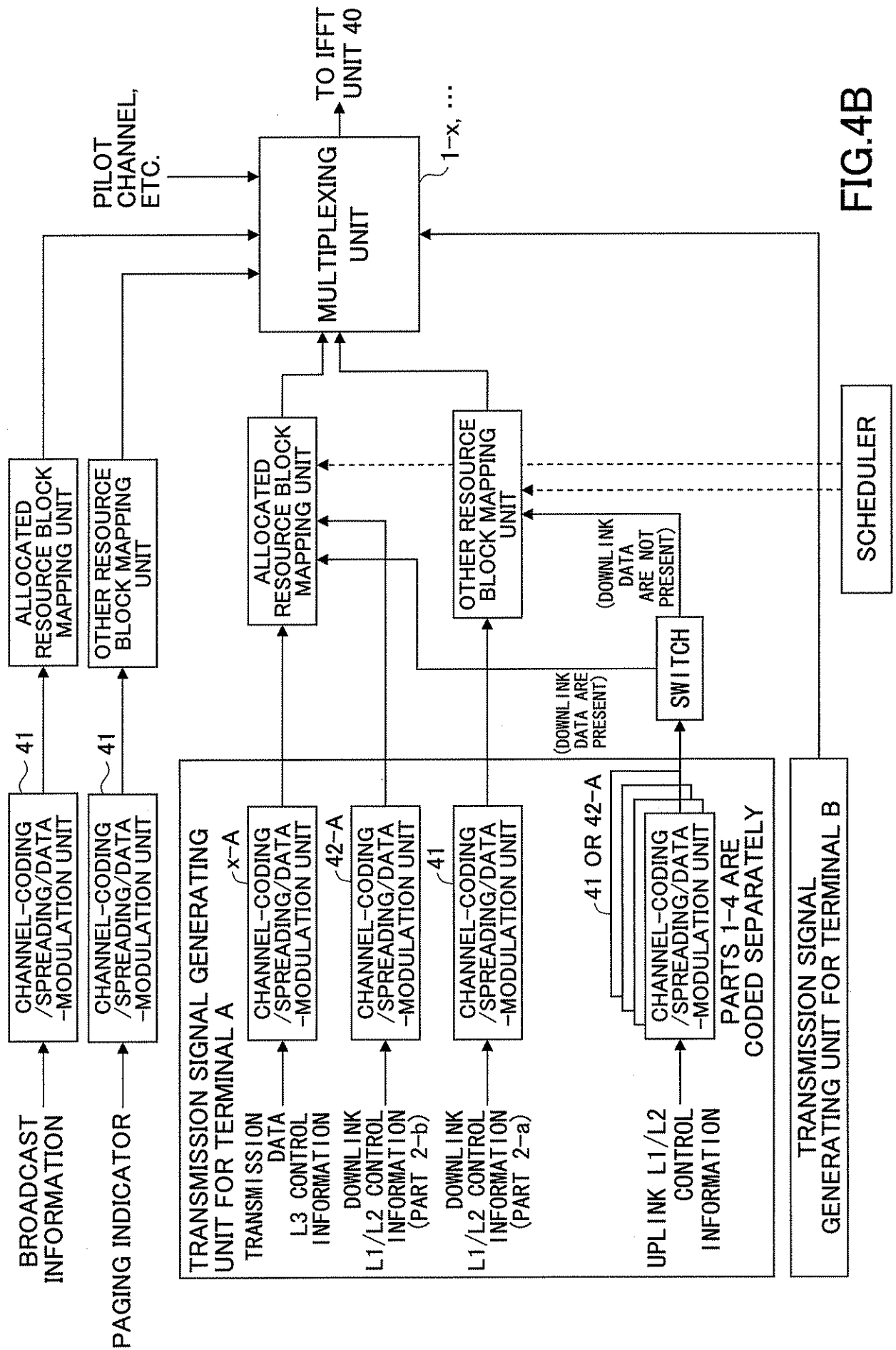


FIG.4B

CHANNEL TYPE		INFORMATION ITEM	
BROADCAST CHANNEL		TRANSPORT FORMAT OF L1/L2 CONTROL CHANNEL MAXIMUM NUMBER OF MULTIPLEXED USERS RESOURCE BLOCK ARRANGEMENT MIMO SCHEME	
DEDICATED L3 SIGNALING CHANNEL		TYPE OF FDM SCHEME PERSISTENT SCHEDULING INFORMATION	
L1/L2 CONTROL CHANNEL	PART 1	PAGING INDICATOR	
	PART 2a	DOWNLINK RESOURCE ALLOCATION ALLOCATION INTERVAL MIMO INFORMATION (NO. OF STREAMS, ETC.)	
	PART 2b	MIMO PRECODING INFORMATION MODULATION SCHEME PAYLOAD SIZE HARQ INFORMATION CRC INFORMATION	
	PART 1	ACK/NACK	
	PART 2	UPLINK RESOURCE ALLOCATION MODULATION SCHEME PAYLOAD SIZE TRANSMISSION POWER CRC INFORMATION	
	PART 3	TRANSMISSION TIMING CONTROL BITS	
PART 4	TRANSMISSION POWER CONTROL BIT		
		SPECIFIC OR GENERAL CONTROL CHANNEL	

FIG.5A

FIG.5B

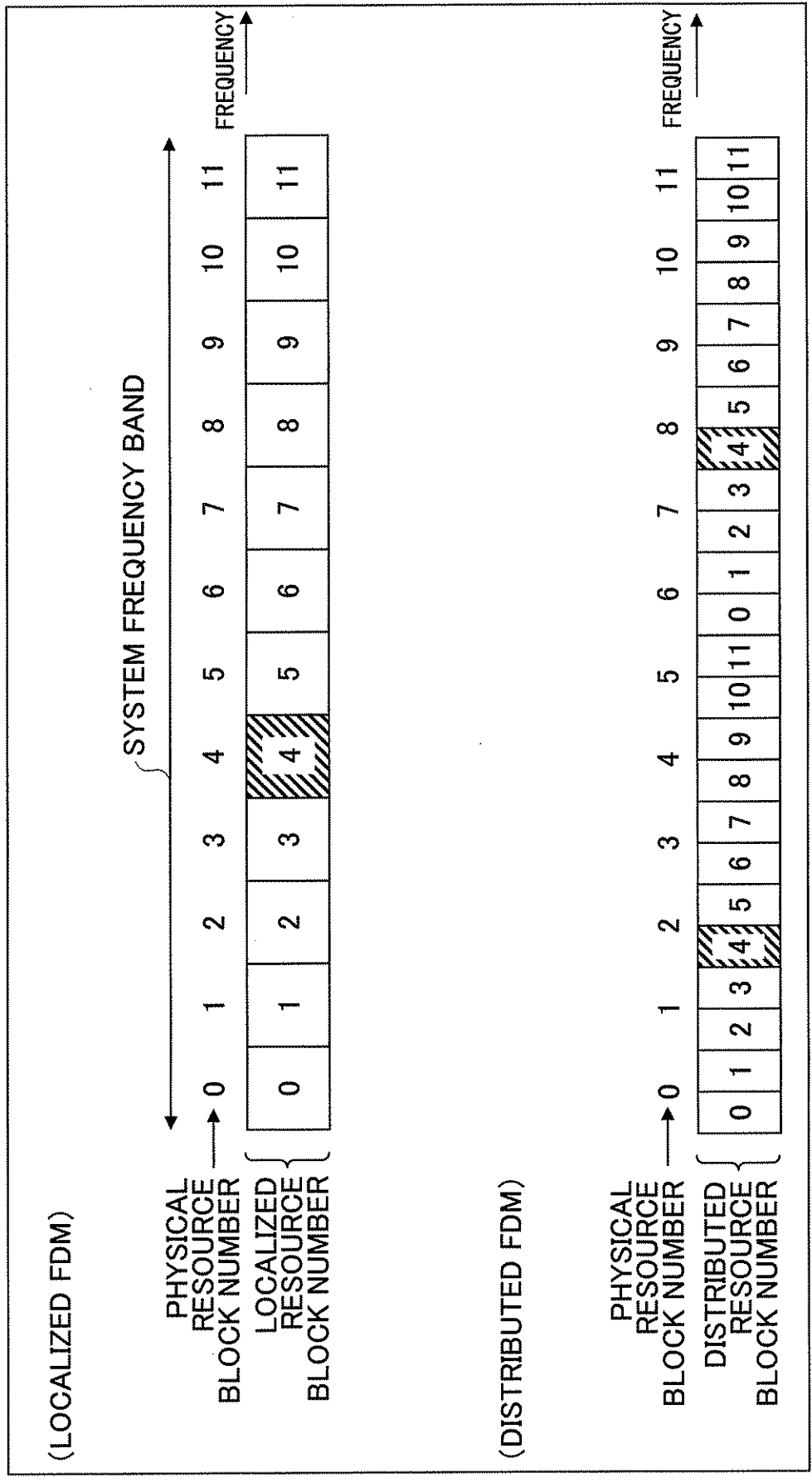


FIG.6

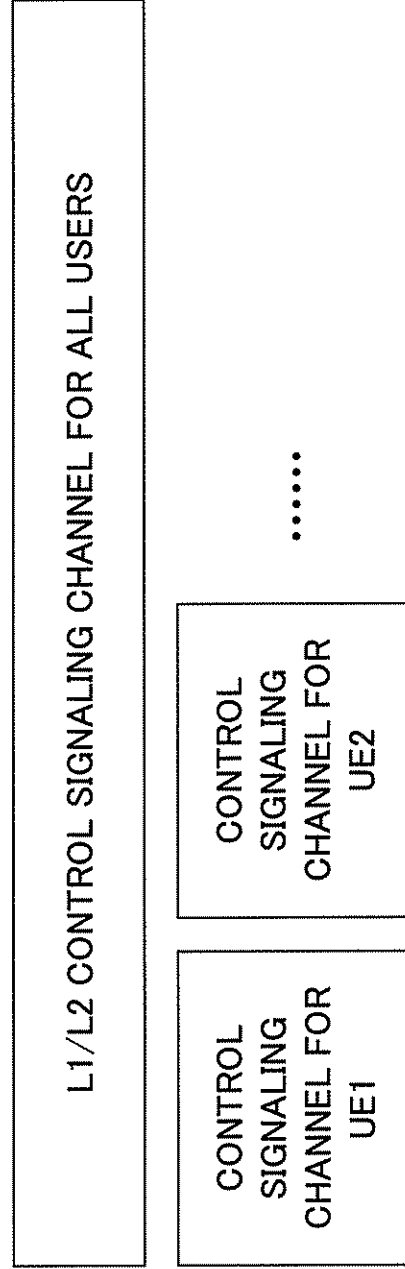


FIG. 7A

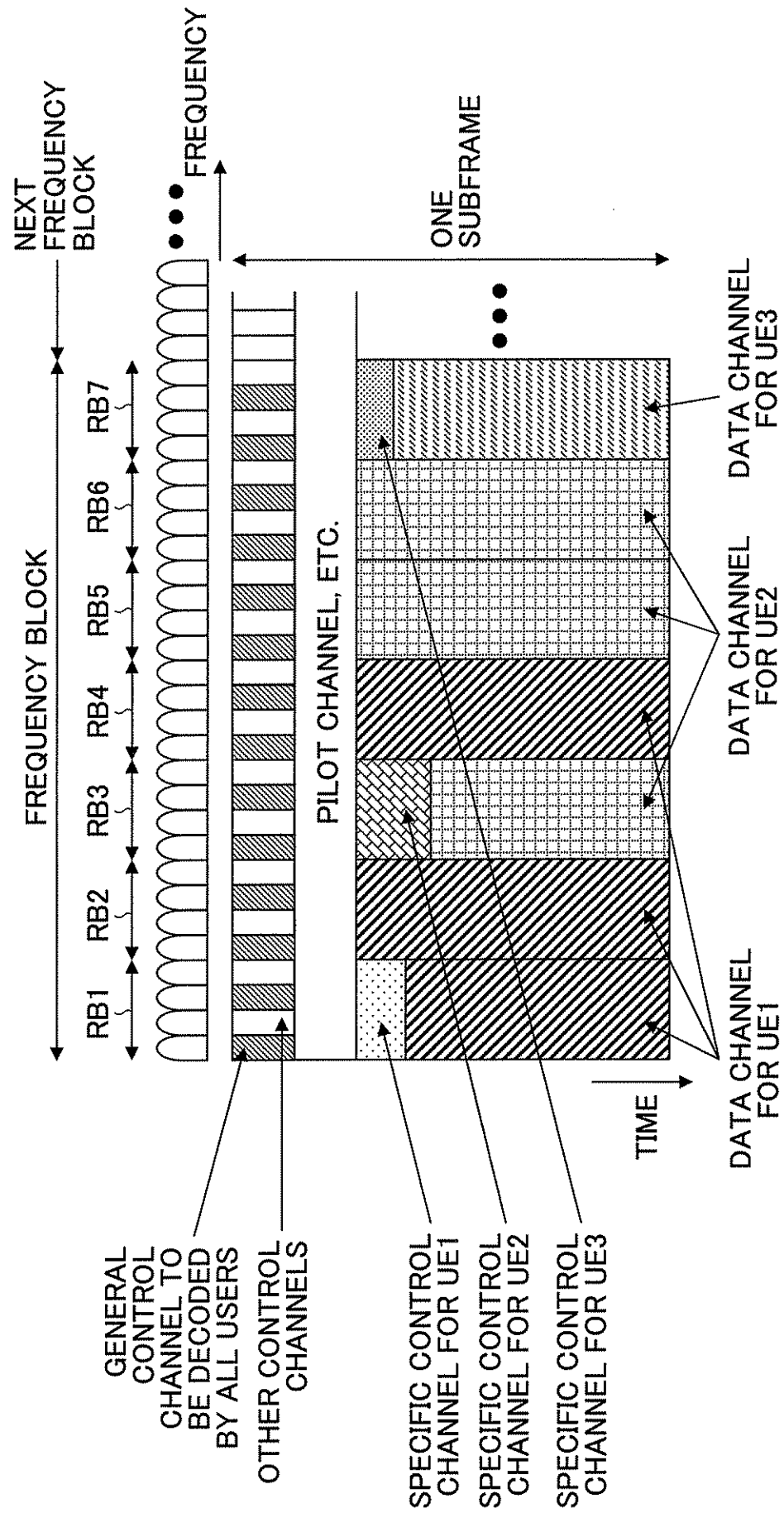


FIG. 7B

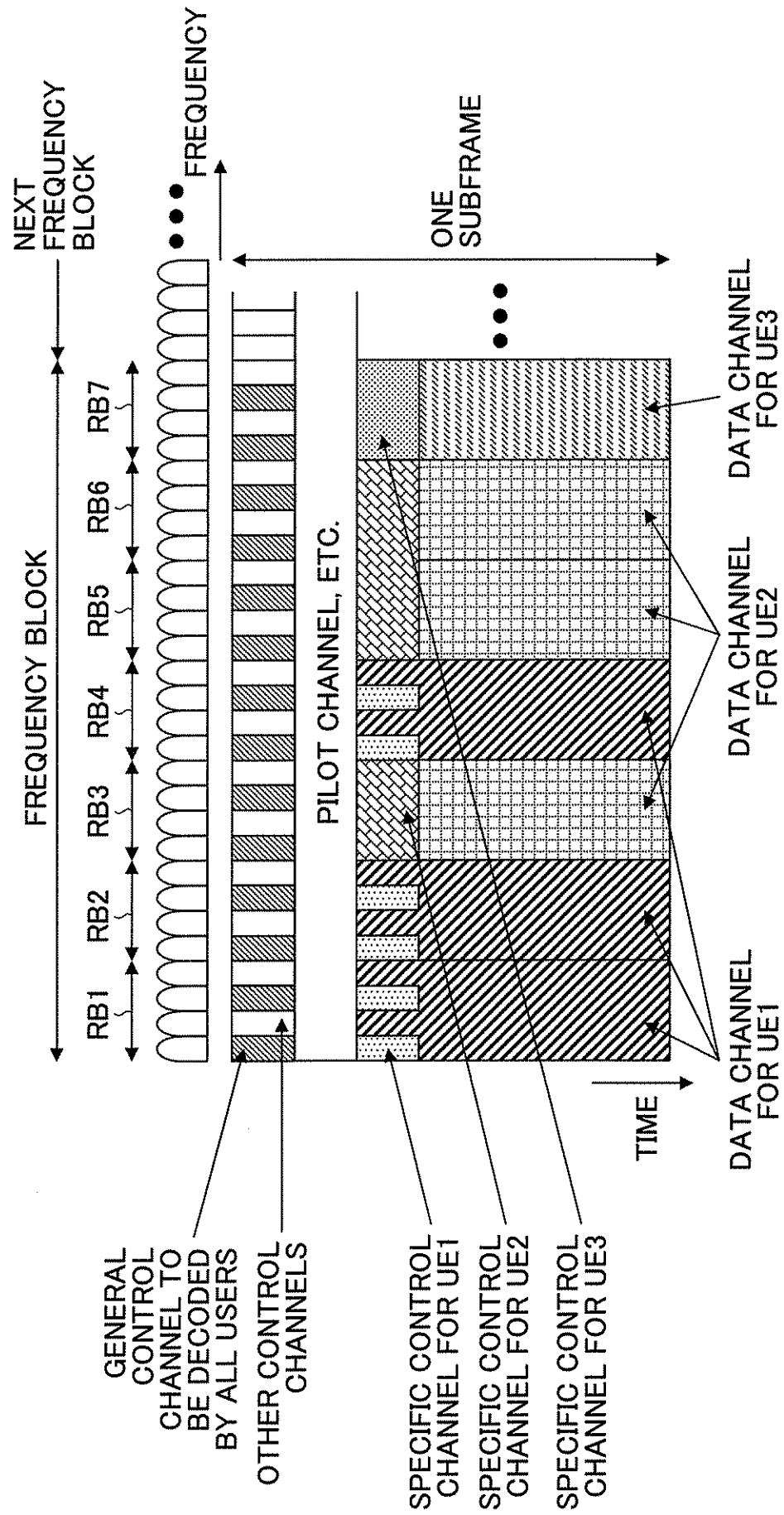


FIG.7C

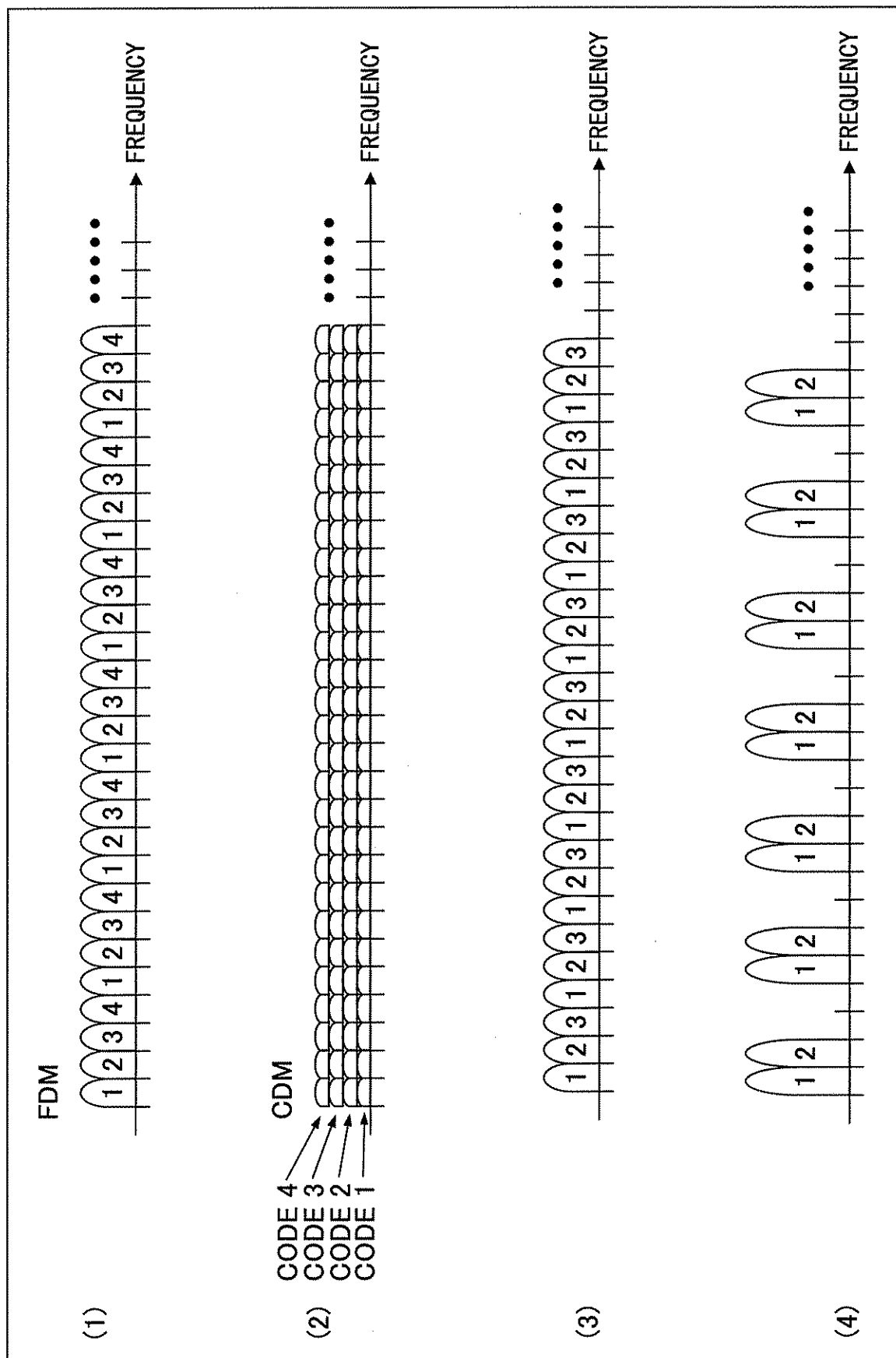
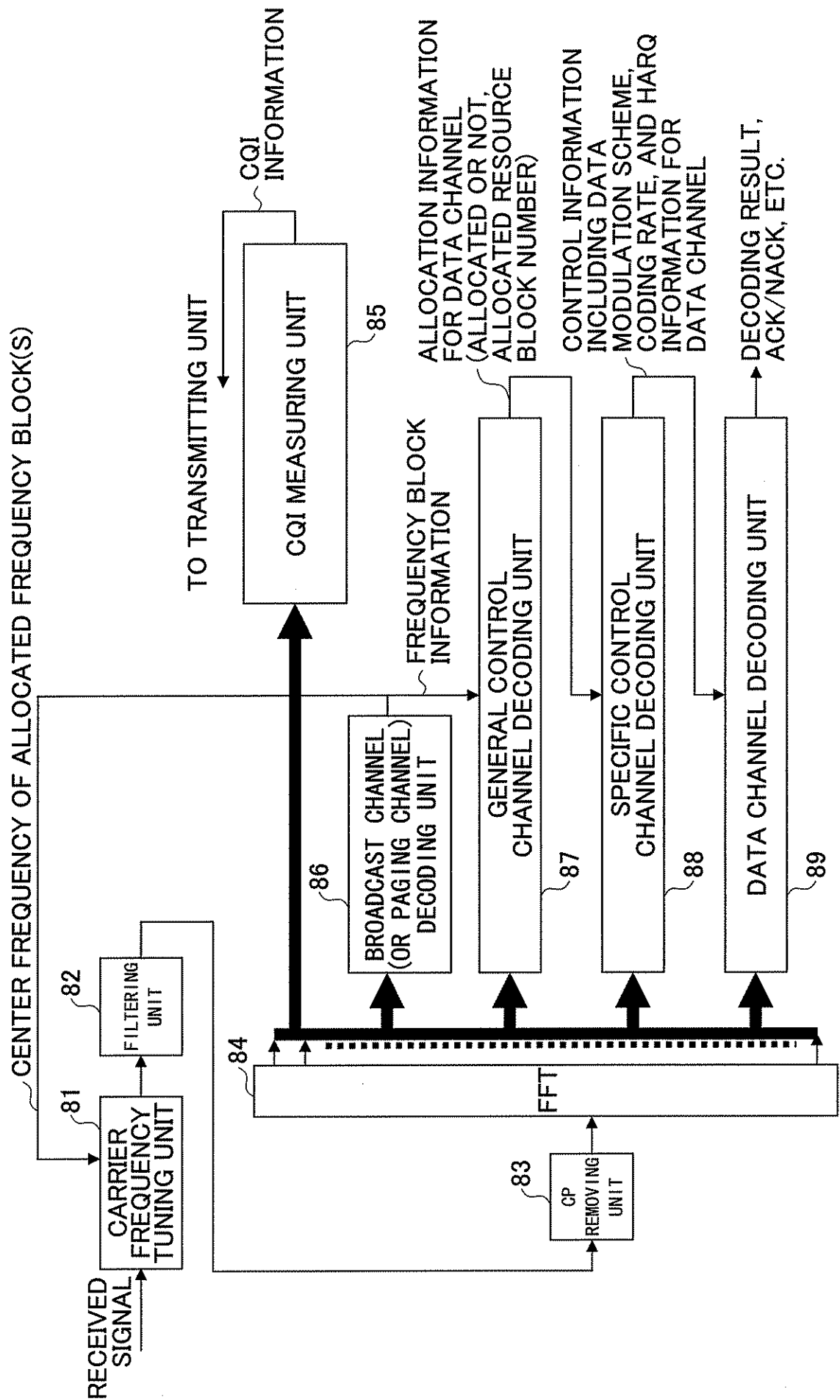


FIG.8A



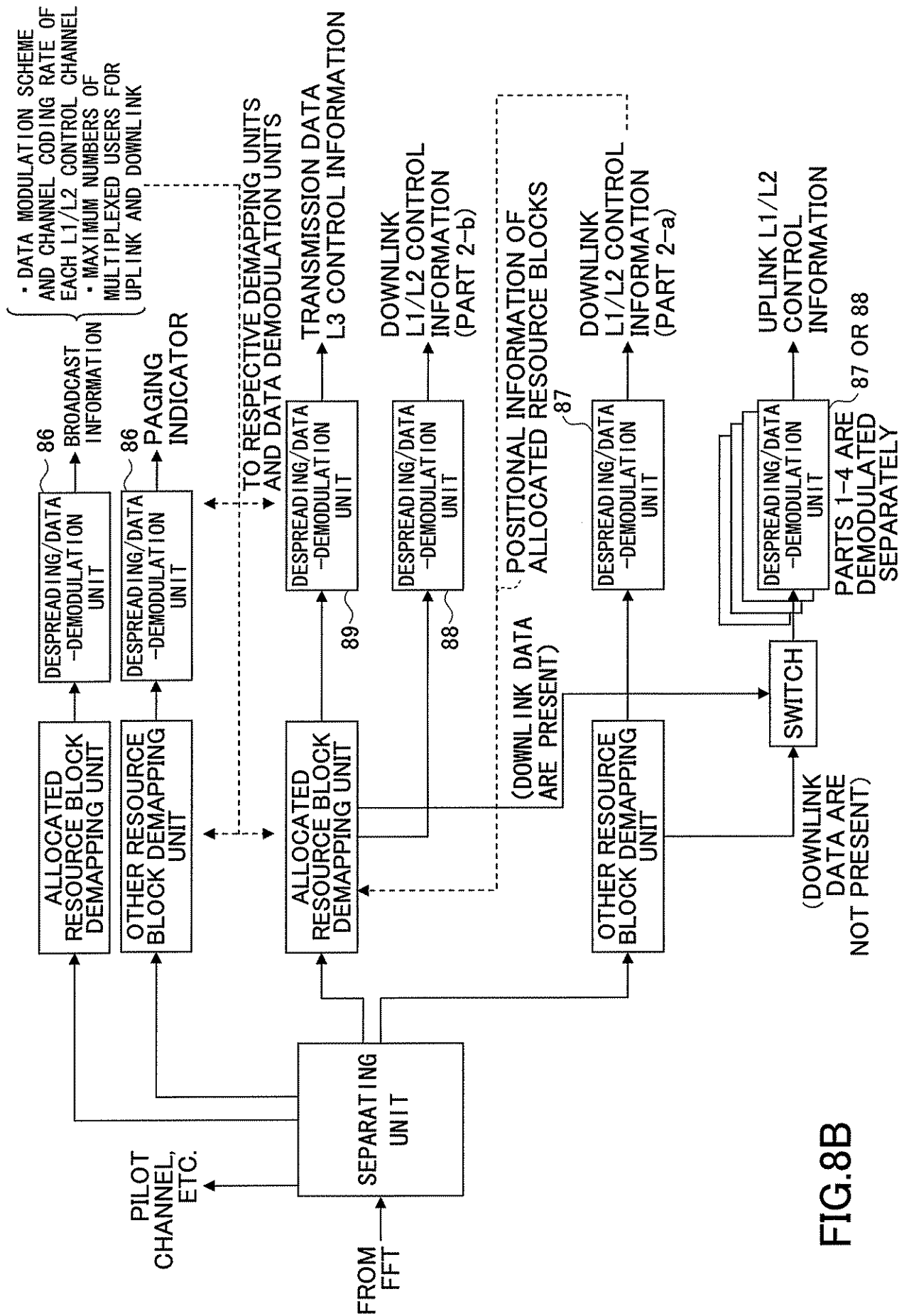


FIG. 8B

FIG.8C

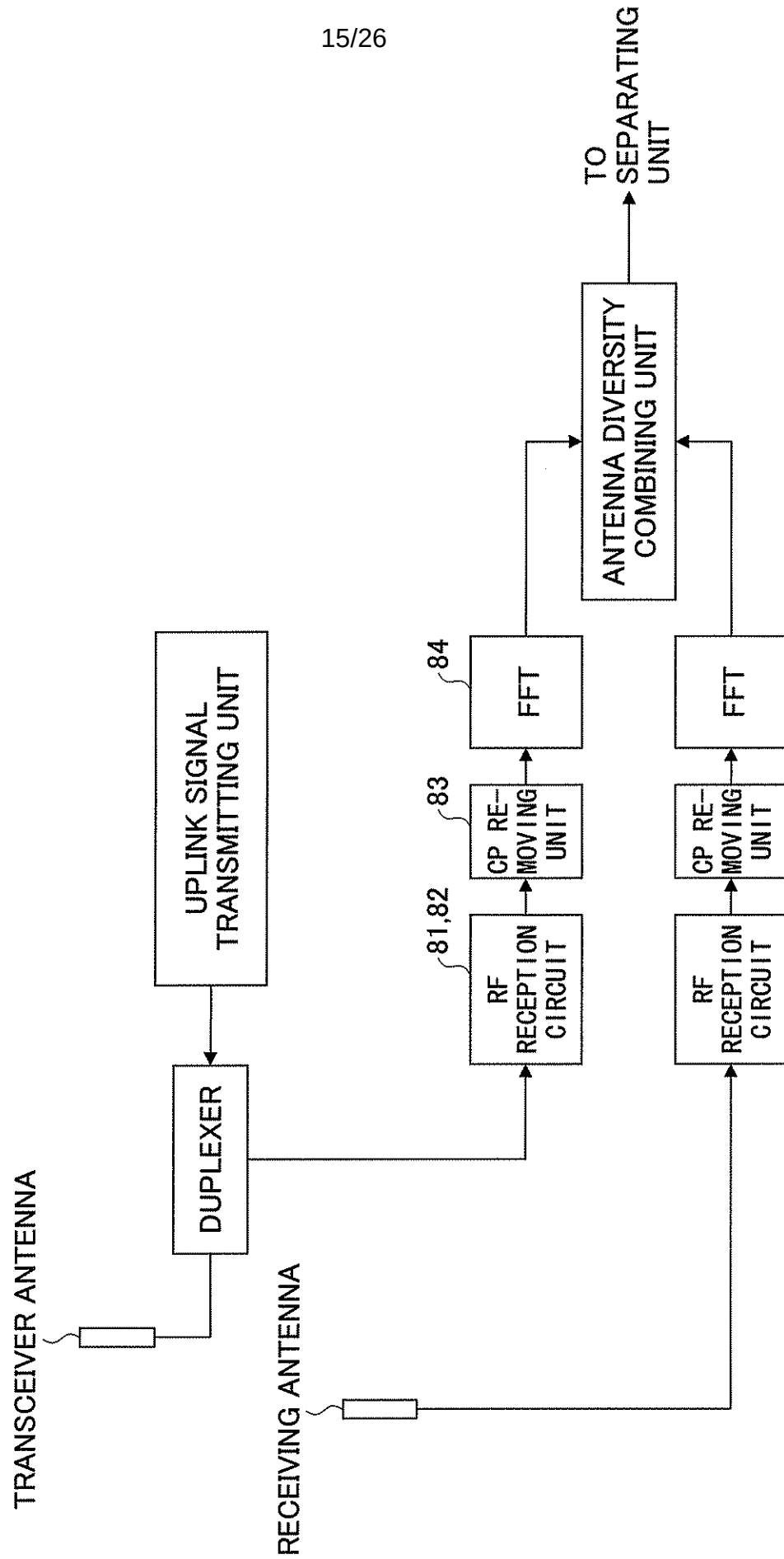


FIG.9A

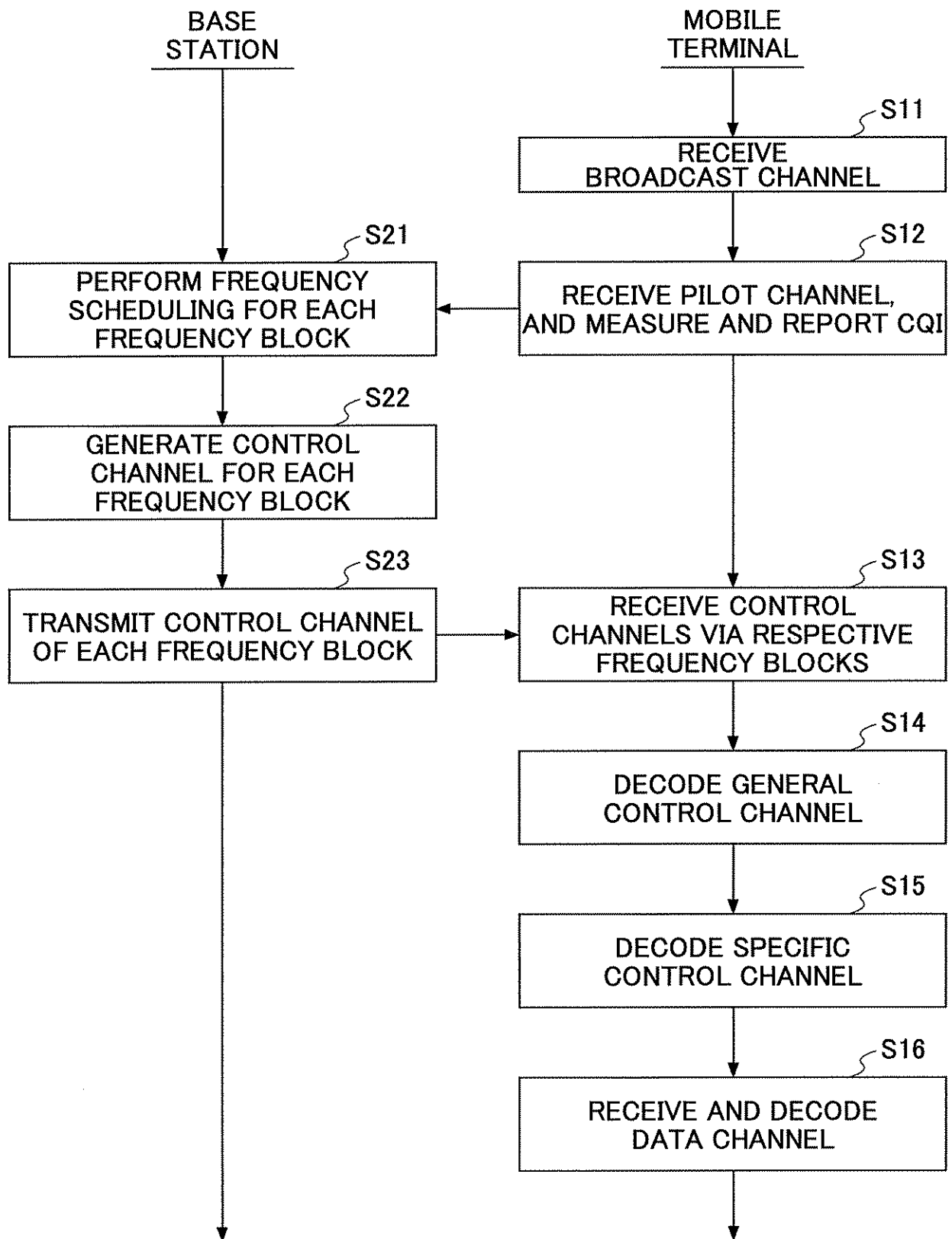
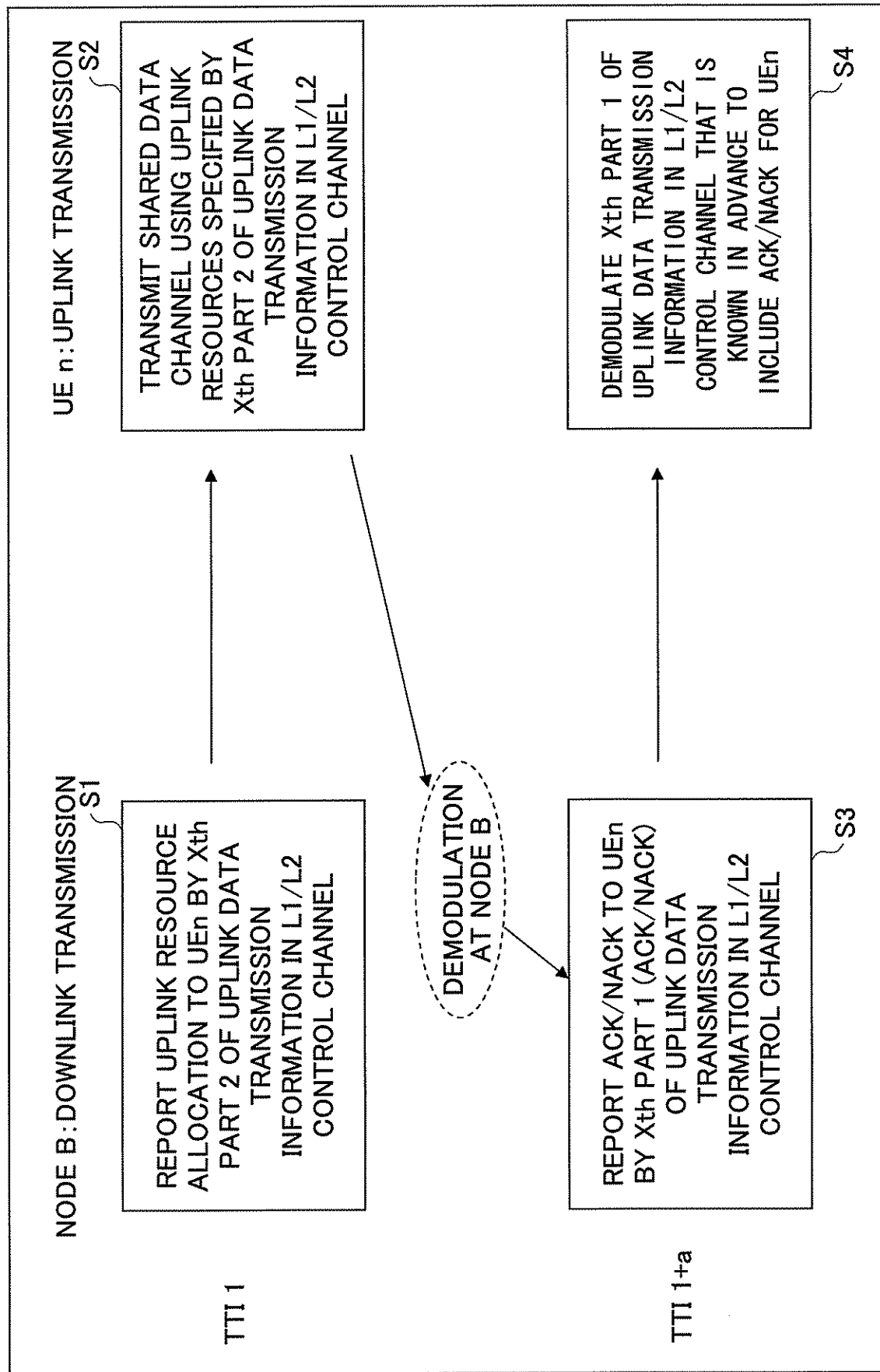


FIG.9B



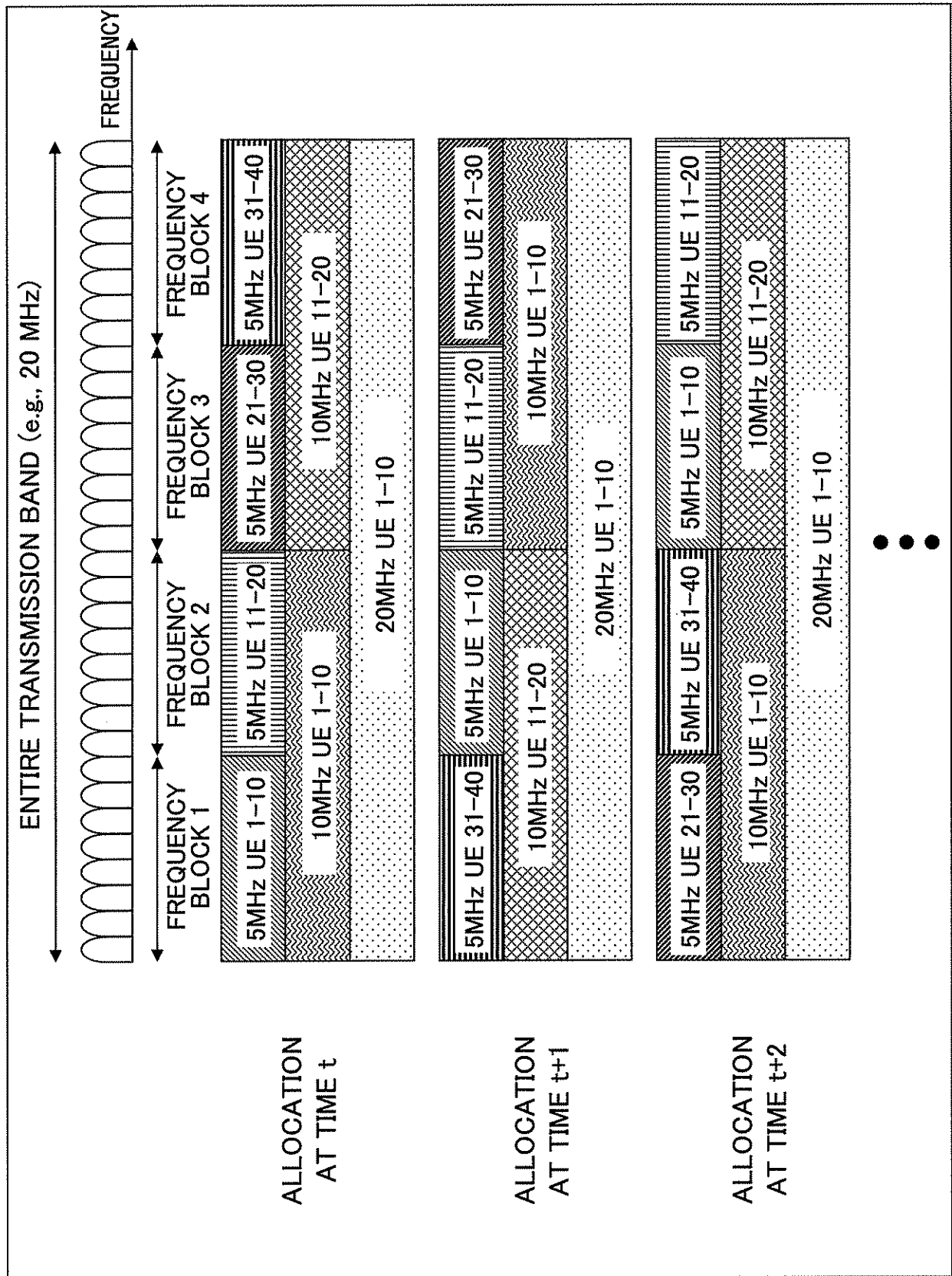


FIG.10

FIG.11

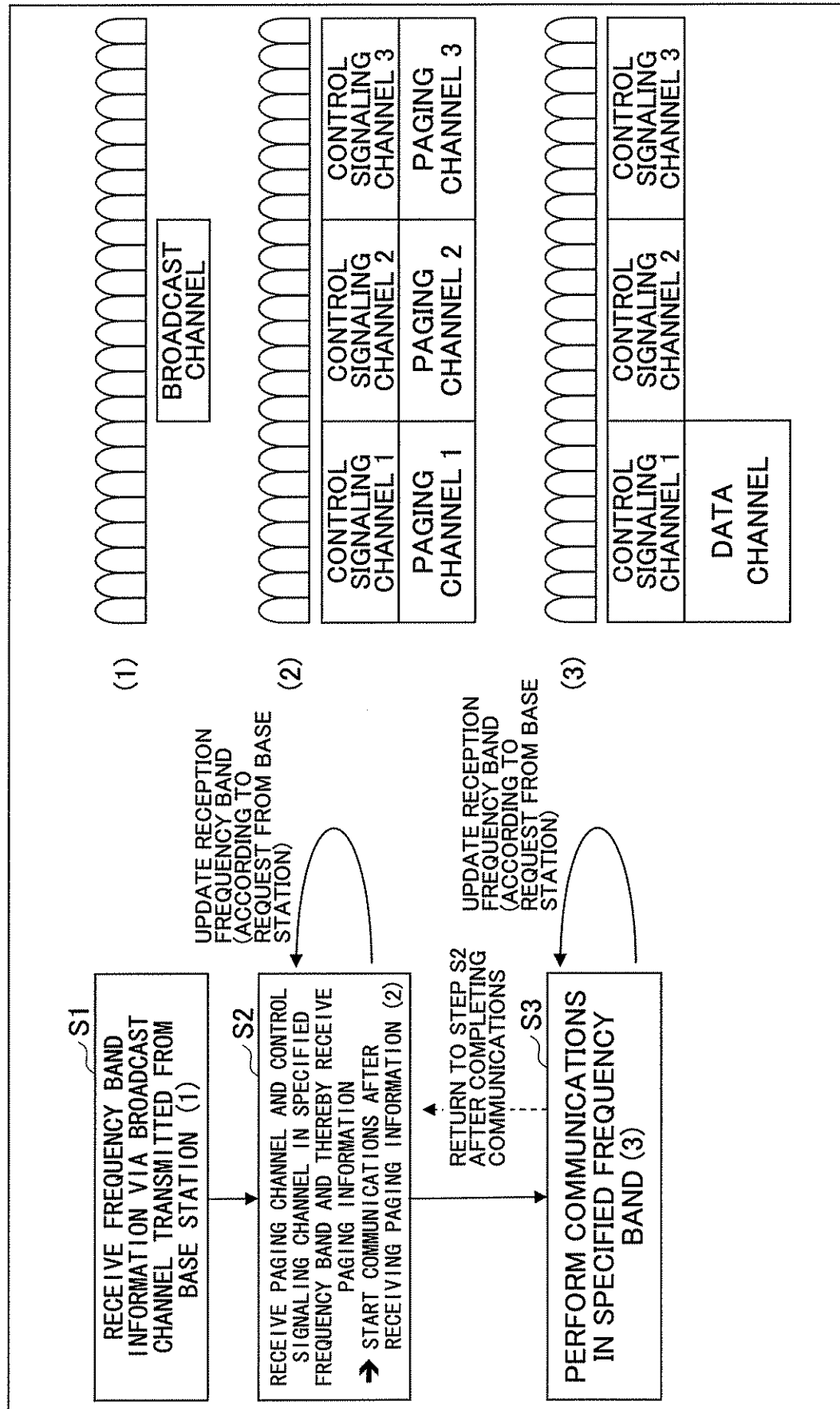


FIG.13

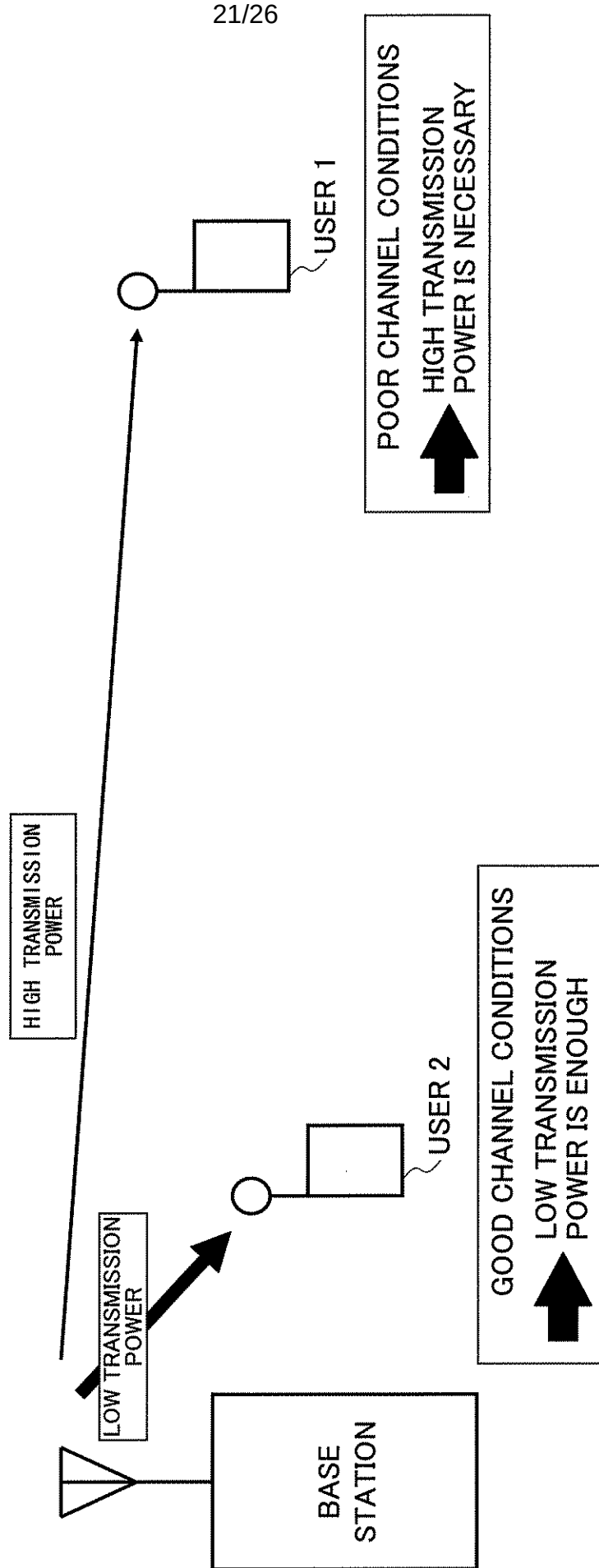


FIG.14

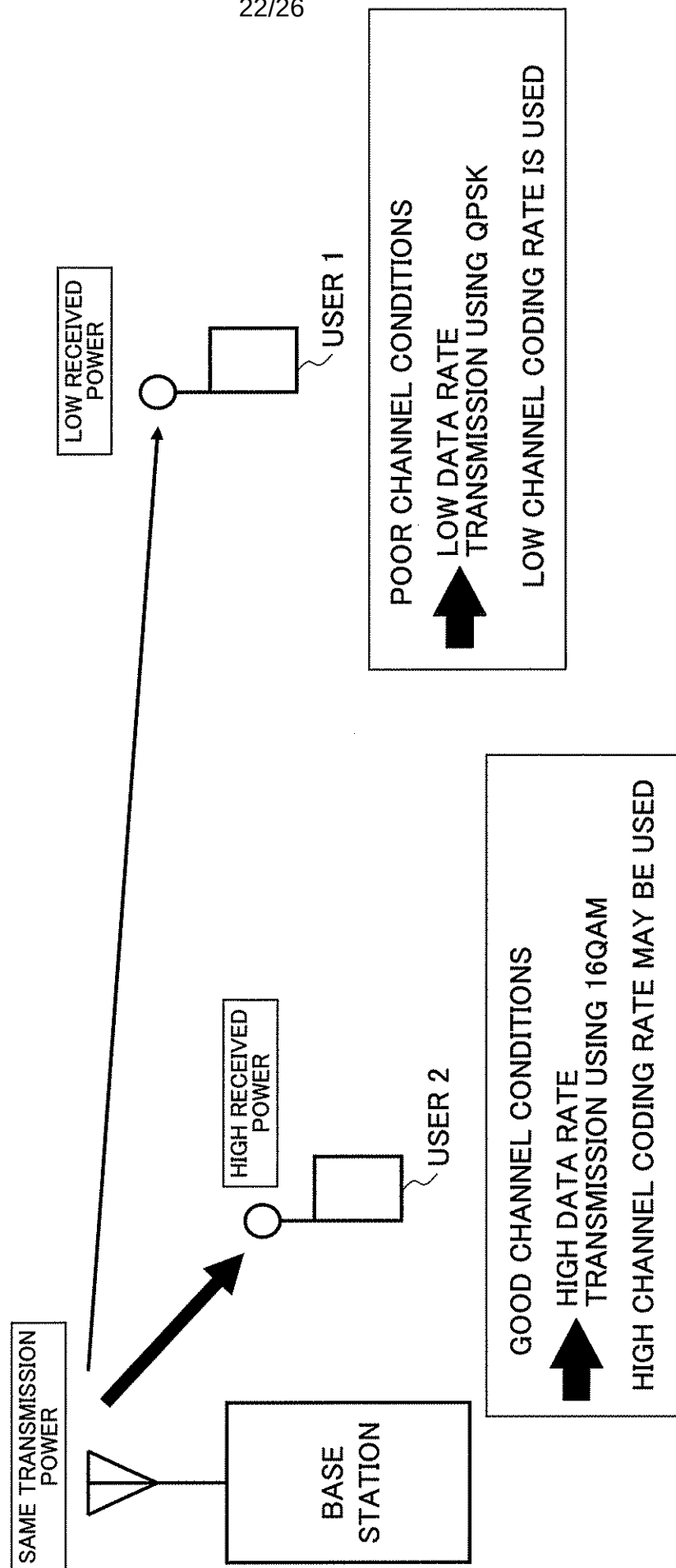


FIG.15

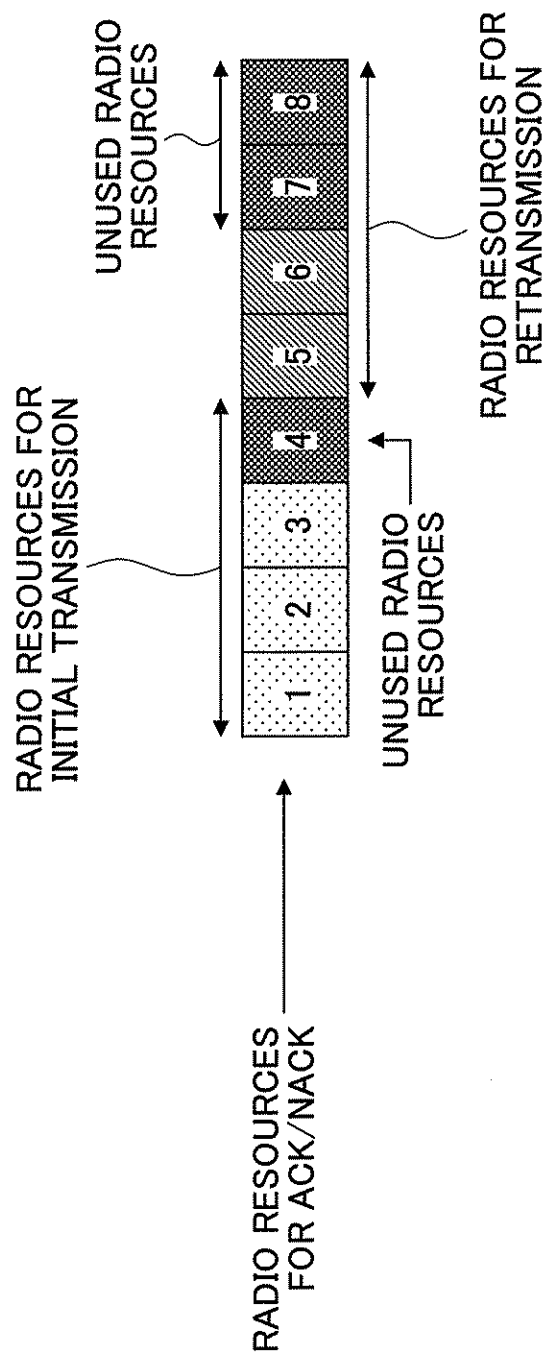


FIG. 16

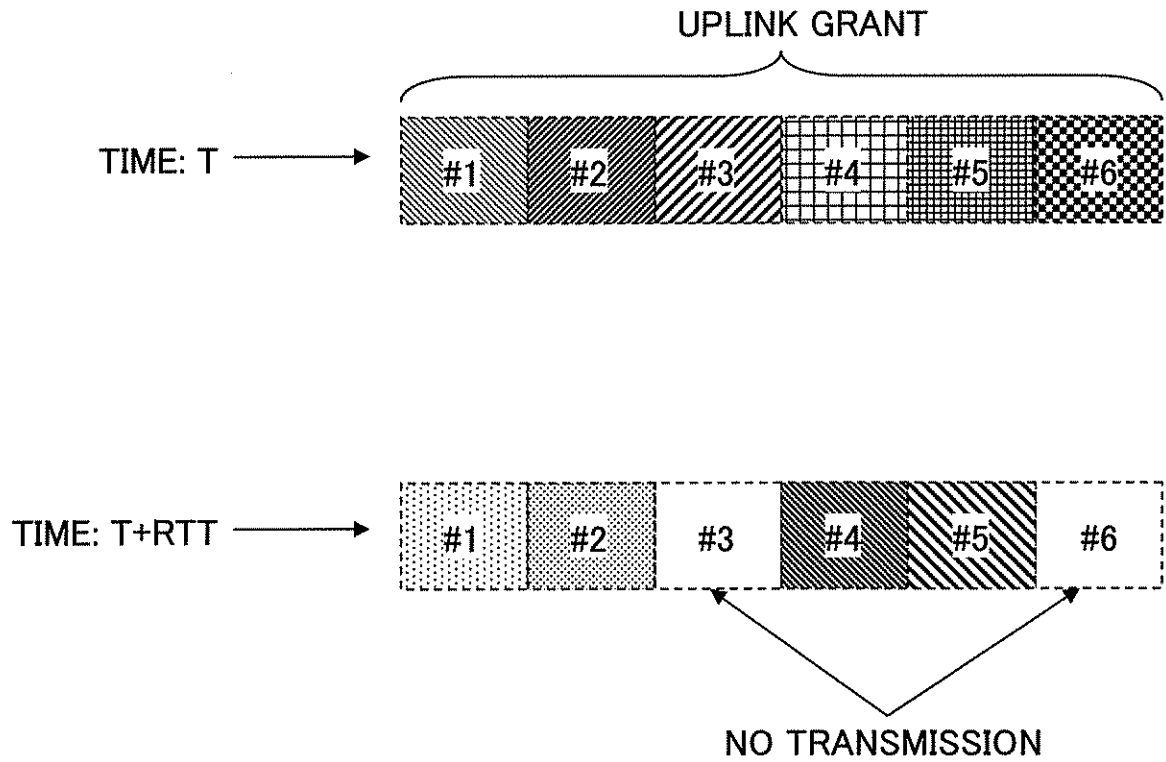


FIG.17

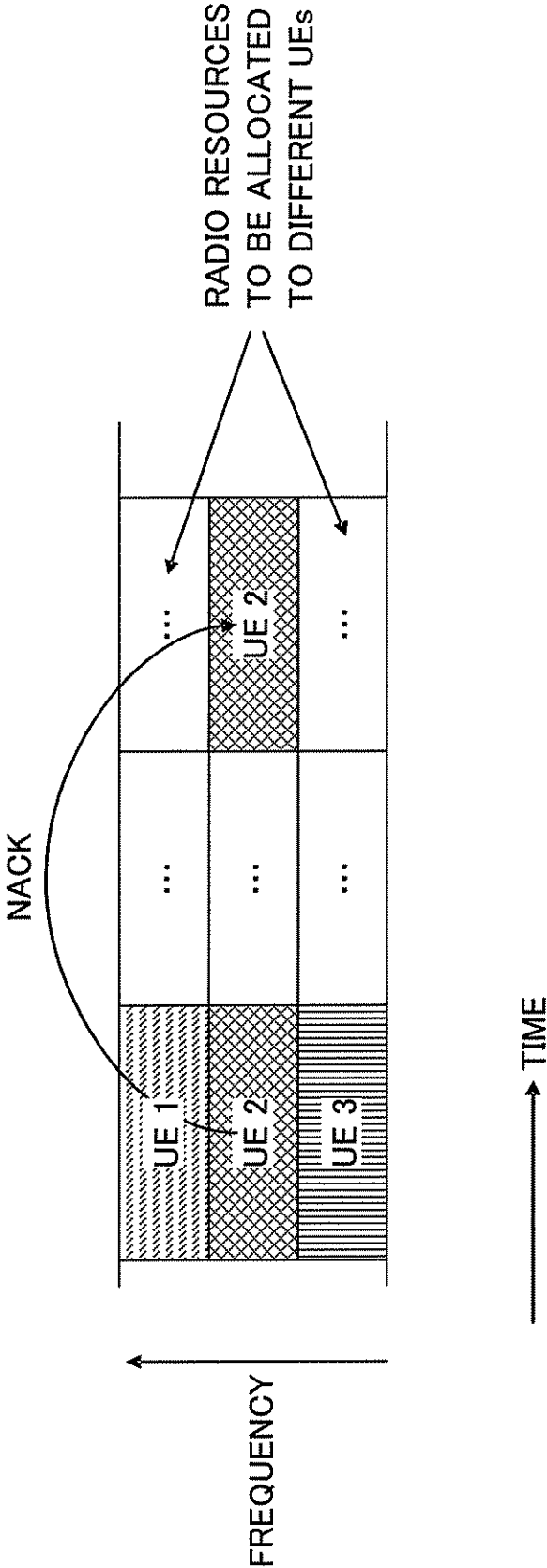


FIG.18

CONTROL SIGNALING INFORMATION	NUMBER OF BITS	NOTES
UPLINK RB ALLOCATION INFORMATION	$\log_2(N_{RB}(N_{RB} + 1)/2)$	NECESSARY
UE ID	16	NECESSARY
TRANSPORT FORMAT INFORMATION	8	NOT NECESSARY
TRANSMISSION POWER	[1-4]	NOT NECESSARY
DEMODULATION REFERENCE SIGNAL FORMAT	[2]	