

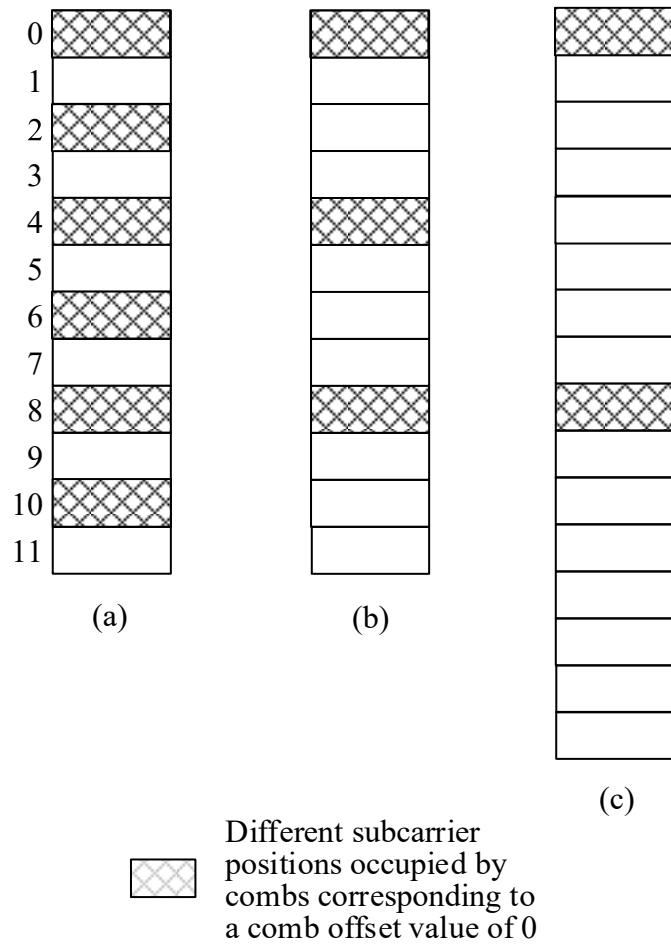


FIG. 1

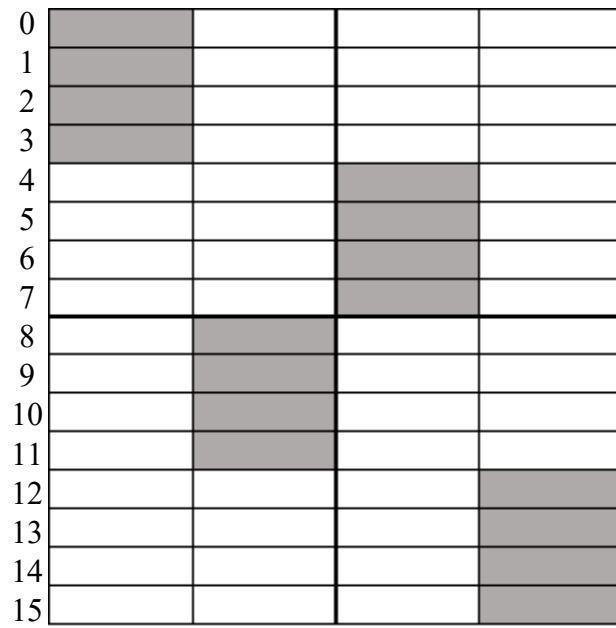


FIG. 2

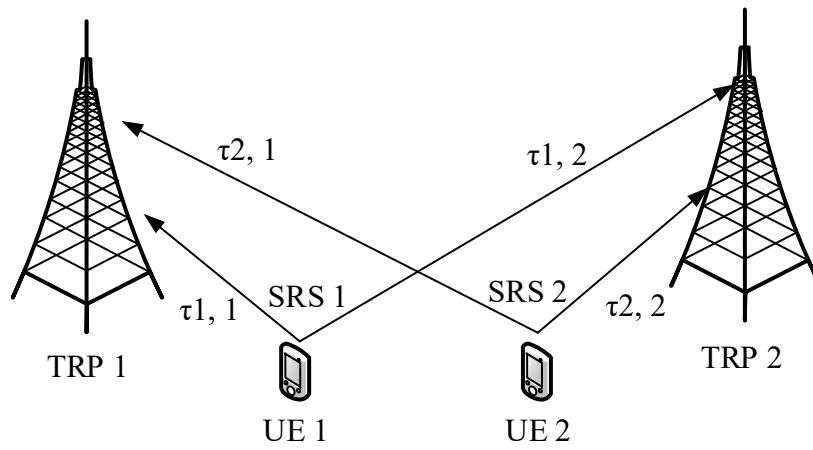


FIG. 3

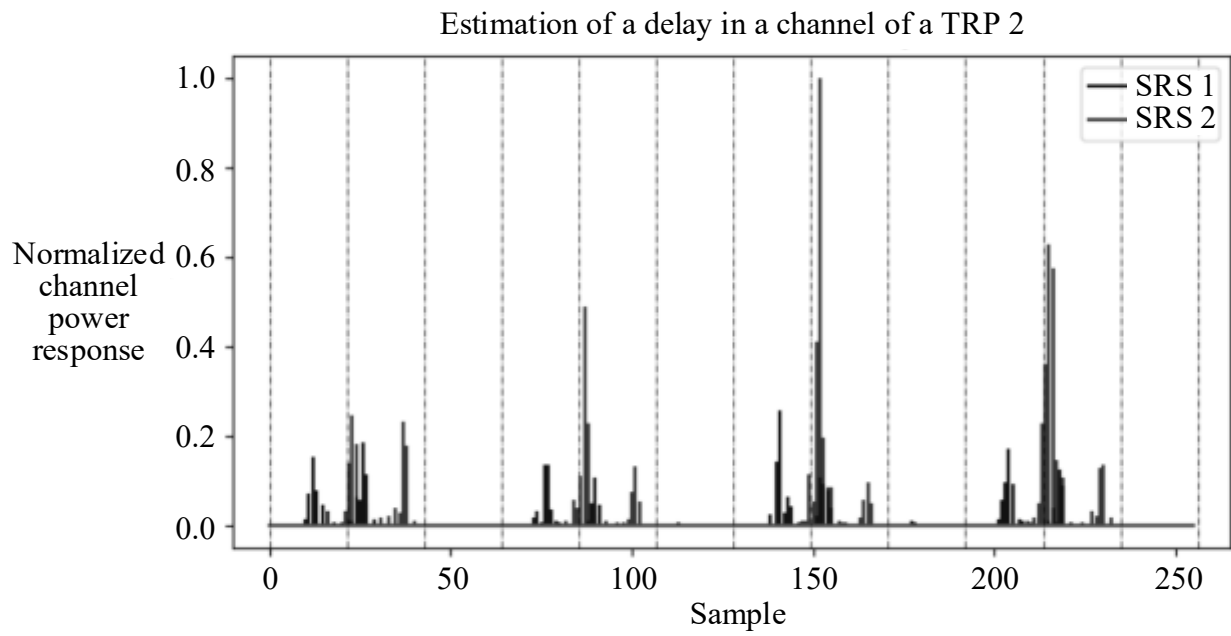


FIG. 4

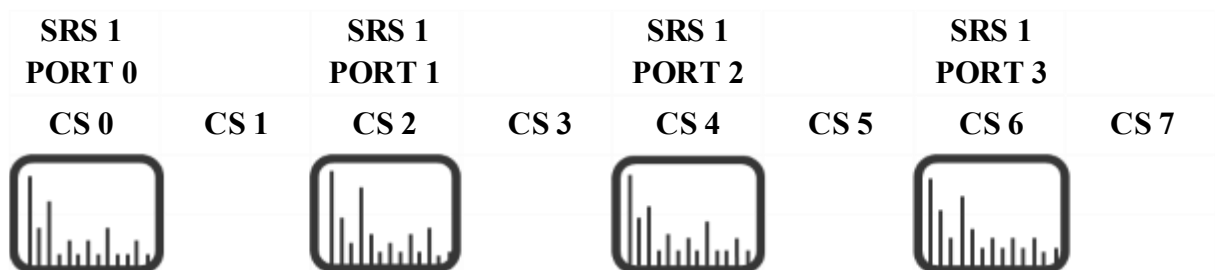


FIG. 5

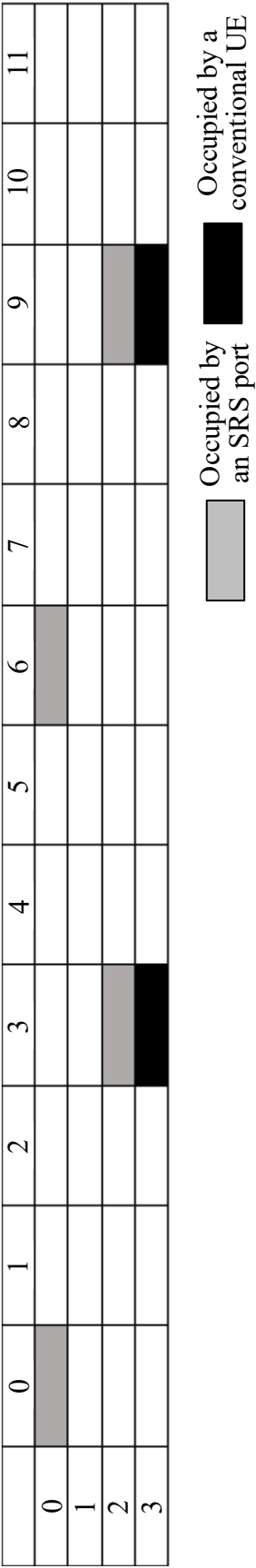


FIG. 6

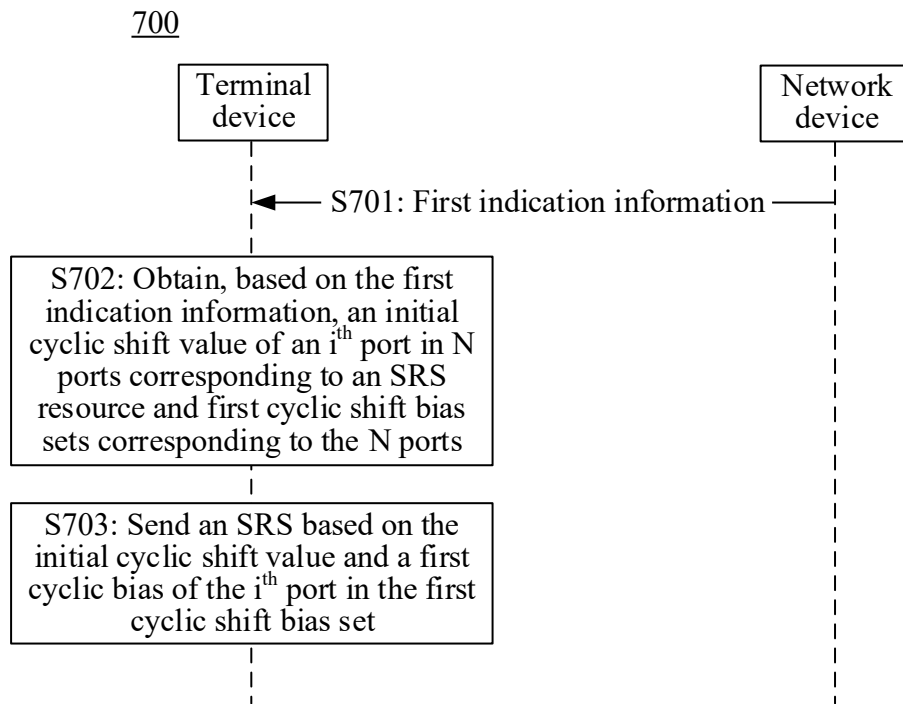


FIG. 7

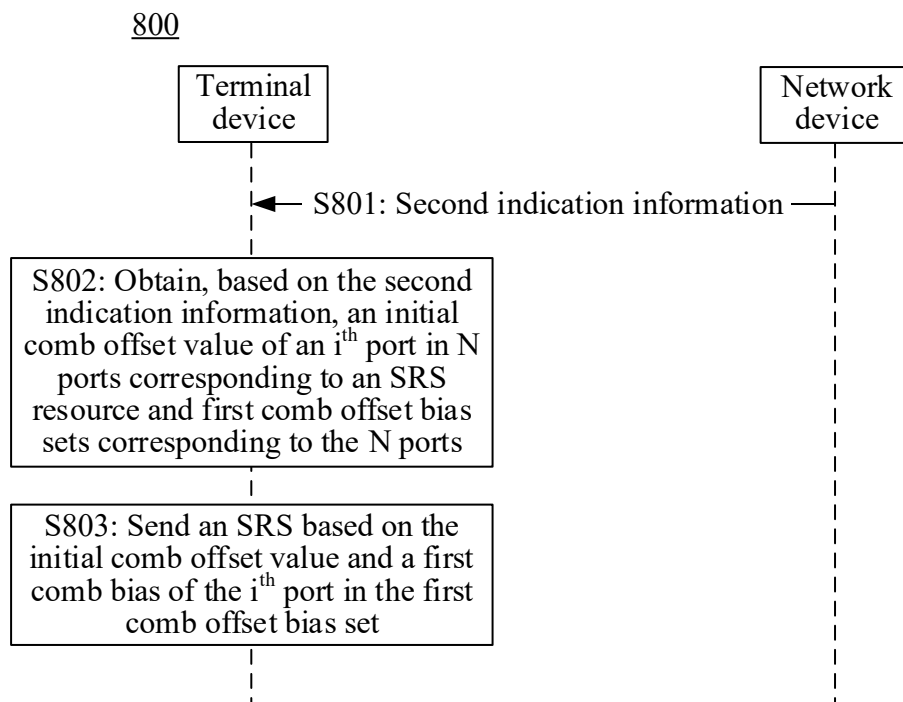


FIG. 8

	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
Comb 0	Port 0	Conventional UE	Conventional UE	Conventional Port 1	Conventional UE	Conventional Port 2	Conventional UE	Conventional Port 3	Conventional UE	Conventional Port 3	Conventional UE	Conventional UE
Comb 1												
Comb 2												
Comb 3												

FIG. 9

Example 1 Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
	Port 0	Conventional Port UE 1			Conventional Port UE 2		Conventional Port UE 3		Conventional Port UE 3		Conventional UE	
Example 2 Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
	Port Conventional UE 0			Port Conventional UE 1		Port Conventional UE 2		Port Conventional UE 3		Port Conventional UE		
Example 3 Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
	Port Conventional Port UE 0			Conventional Port UE 1		Conventional Port UE 2		Conventional UE		Conventional UE		
Example 4 Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
	Port Conventional UE 3			Port Conventional UE 0		Port Conventional UE 1		Port Conventional UE 2		Port Conventional UE		
Example 5 Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
	Port Conventional Port UE 2			Conventional Port UE 3		Conventional Port UE 0		Conventional Port UE 1		Conventional UE		
Example 6 Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
	Port Conventional UE 2			Port Conventional UE 3		Port Conventional UE 0		Port Conventional UE 1		Port Conventional UE		
Example 7 Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
	Port Conventional Port UE 1			Conventional Port UE 2		Conventional Port UE 3		Conventional Port UE 0		Conventional UE		
Example 8 Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
	Port Conventional UE 1			Port Conventional UE 2		Port Conventional UE 3		Port Conventional UE 0		Port Conventional UE		

FIG. 10

	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5
Comb 0	Port 0			Port 2		
Comb 1						
Comb 2						
Comb 3	Conventional UE			Conventional UE		
Comb 4	Port 1			Port 3		
Comb 5						
Comb 6						
Comb 7	Conventional UE			Conventional UE		

FIG. 11

Comb 0	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5
Comb 1	Port 0			Port 2			Port 1			Port 3		
Comb 2												
Comb 3	Conventional UE			Conventional UE			Conventional UE			Conventional UE		
Comb 4	Port 1			Port 3			Port 0			Port 2		
Comb 5												
Comb 6												
Comb 7	Conventional UE			Conventional UE			Conventional UE			Conventional UE		
	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5
Comb 0												
Comb 1	Port 0			Port 2			Port 1			Port 3		
Comb 2												
Comb 3	Conventional UE			Conventional UE			Conventional UE			Conventional UE		
Comb 4												
Comb 5	Port 1			Port 3			Port 0			Port 2		
Comb 6												
Comb 7	Conventional UE			Conventional UE			Conventional UE			Conventional UE		
	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5
Comb 0												
Comb 1												
Comb 2	Port 0			Port 2			Port 1			Port 3		
Comb 3	Conventional UE			Conventional UE			Conventional UE			Conventional UE		
Comb 4												
Comb 5												
Comb 6	Port 1			Port 3			Port 0			Port 2		
Comb 7	Conventional UE			Conventional UE			Conventional UE			Conventional UE		
	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5
Comb 0												
Comb 1												
Comb 2	Port 0			Port 2			Port 1			Port 3		
Comb 3	Conventional UE			Conventional UE			Conventional UE			Conventional UE		
Comb 4												
Comb 5												
Comb 6	Port 1			Port 3			Port 0			Port 2		
Comb 7	Conventional UE			Conventional UE			Conventional UE			Conventional UE		

FIG. 12

	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
Comb 0	Port 0			Port 1			Port 2			Port 3		
Comb 1												
Comb 2												
Comb 3												

OFDM symbol 1

	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
Comb 0	Port 4			Port 5			Port 6			Port 7		
Comb 1												
Comb 2												
Comb 3												

OFDM symbol 2

FIG. 13

	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
Comb 0	Ports 0 and 4			Ports 1 and 5								
Comb 1												
Comb 2												
Comb 3												

Symbol 1

	CS 0	CS 1	CS 2	CS 3	CS 4	CS 5	CS 6	CS 7	CS 8	CS 9	CS 10	CS 11
Comb 0							Ports 2 and 6			Ports 3 and 7		
Comb 1												
Comb 2												
Comb 3												

Symbol 2

FIG. 14

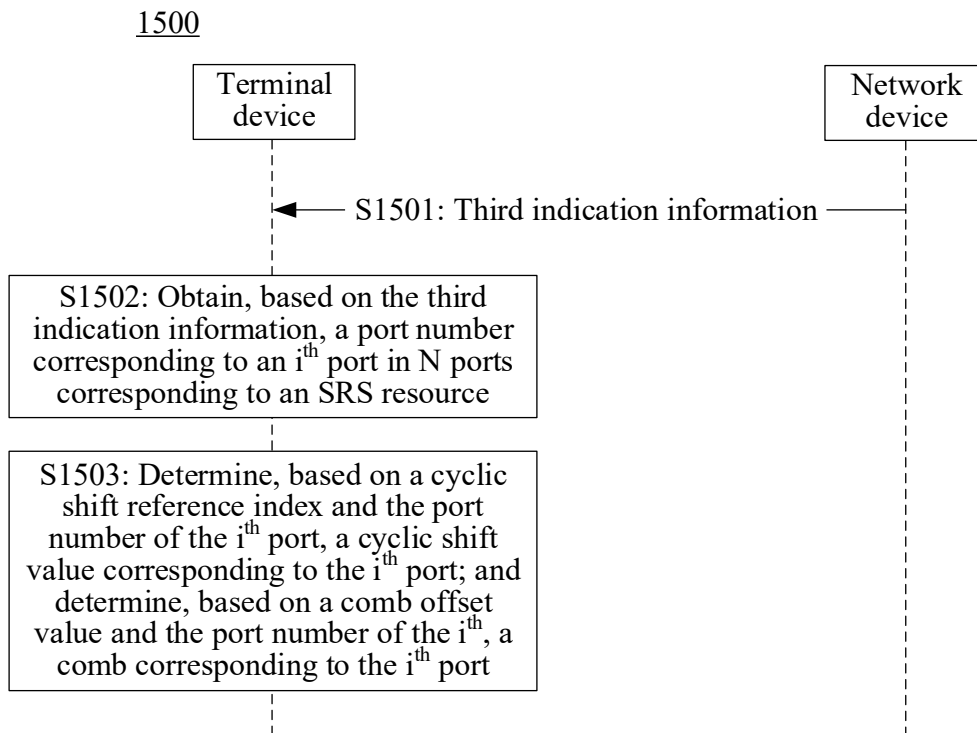


FIG. 15

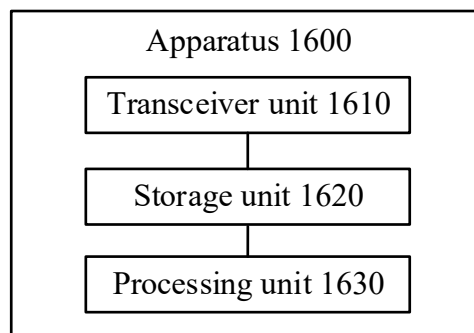


FIG. 16

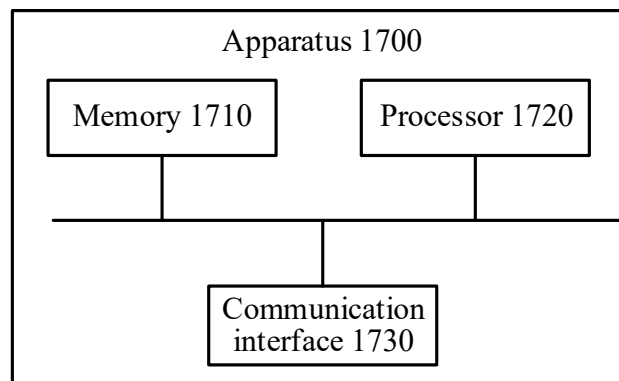


FIG. 17