

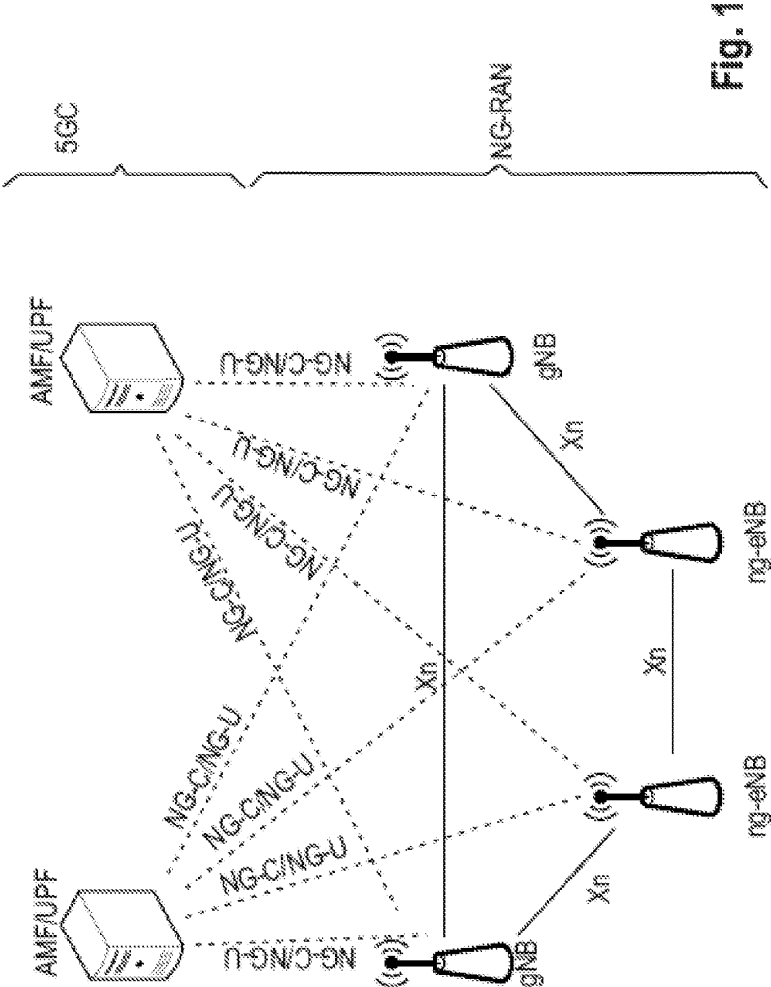


Fig. 1

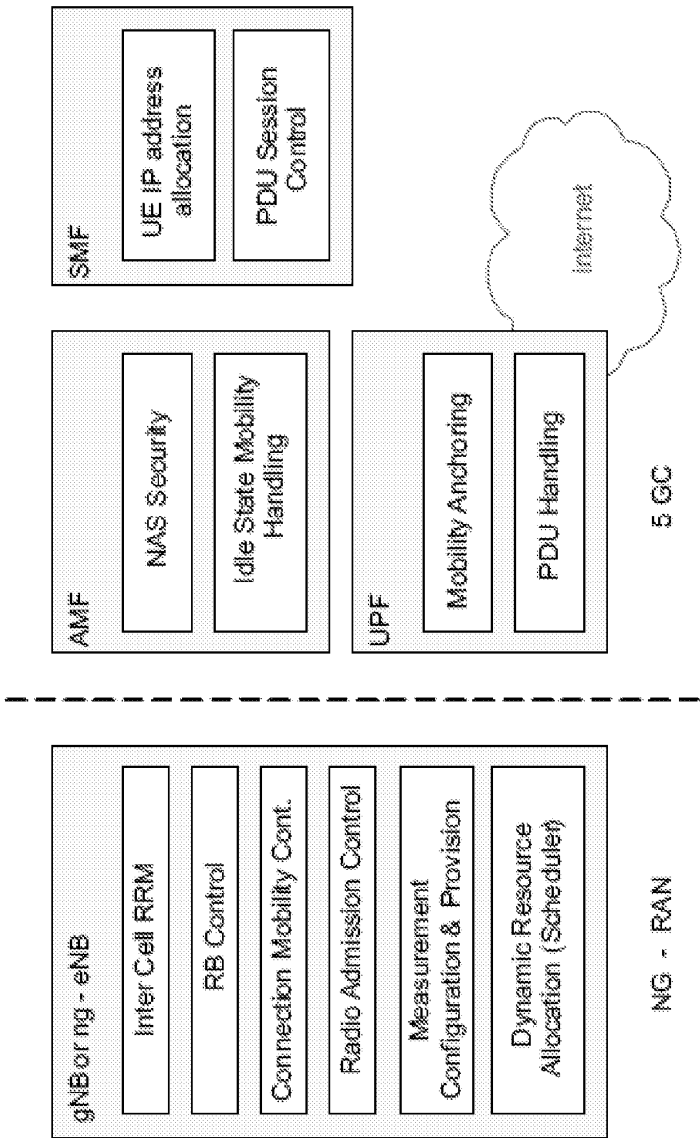


Fig. 2

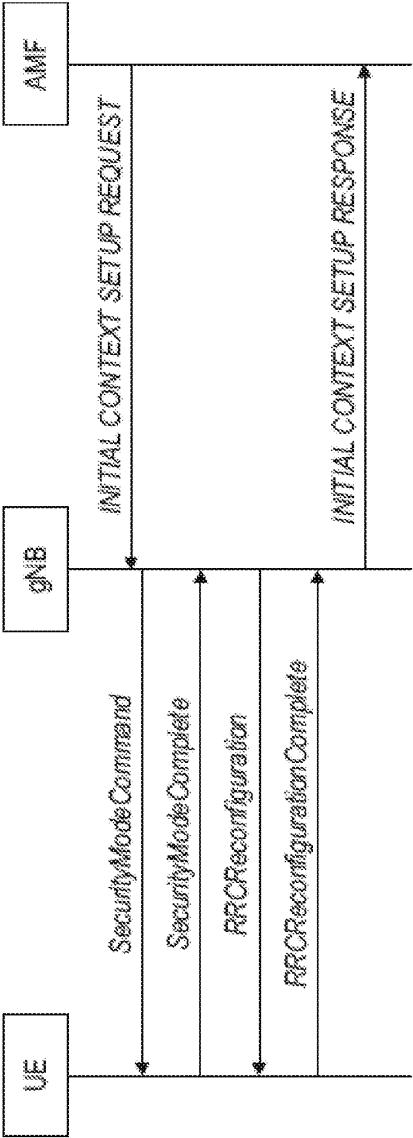


Fig. 3

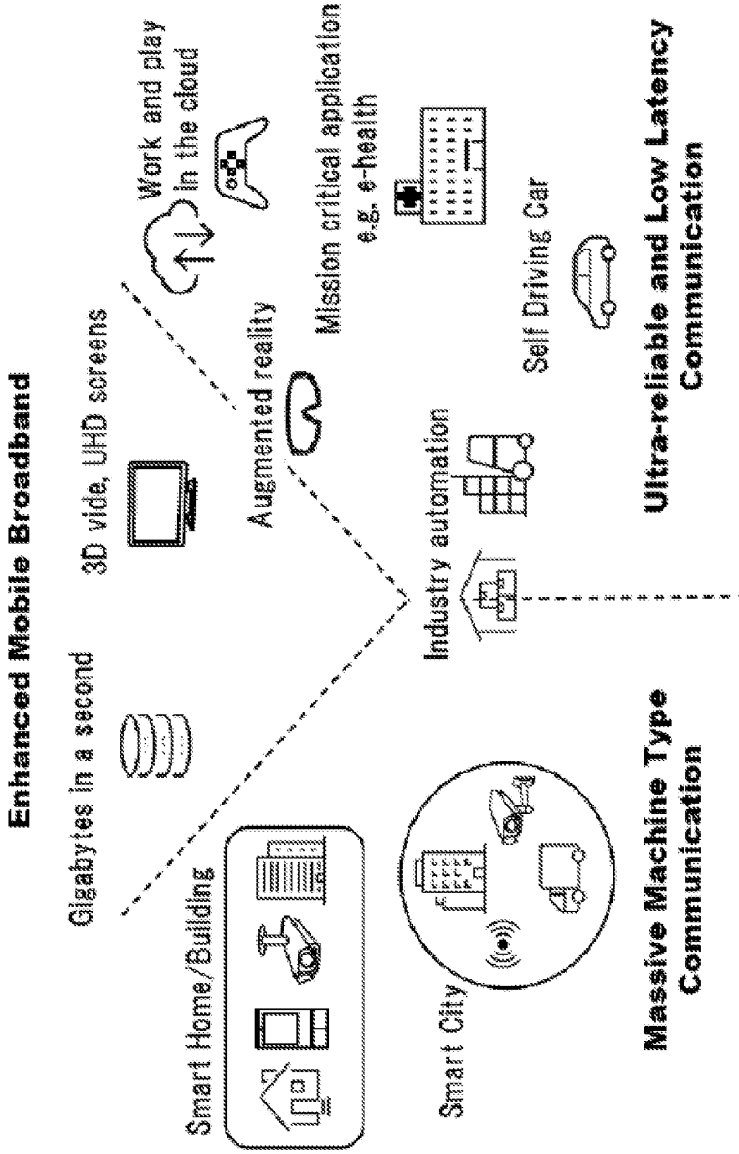


Fig. 4

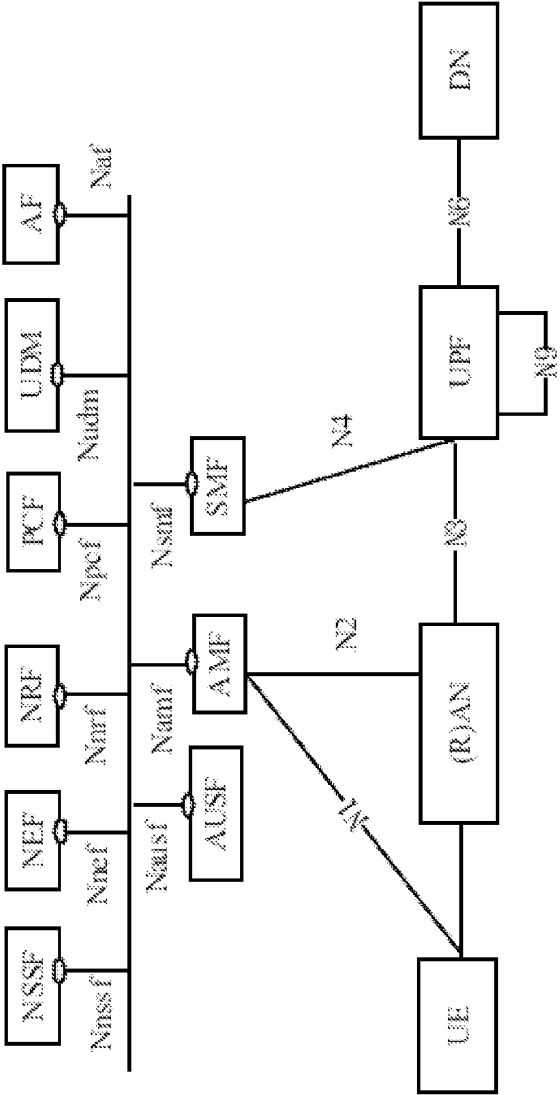
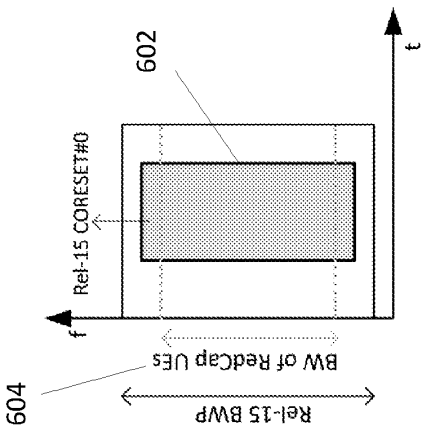
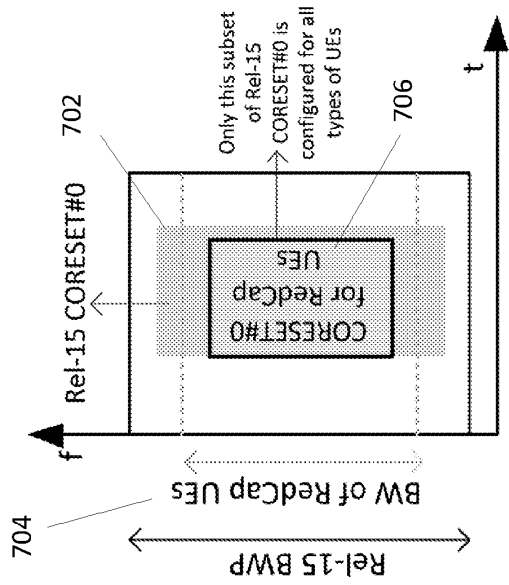


Fig. 5



600

Fig. 6



700

Fig. 7

Index	SSB and CORESET multiplexing pattern	Number of RBs $N_{RB}^{CORESET}$	Number of Symbols $N_{Symb}^{CORESET}$	Offset (RBs)
0	1	24	2	0
1	1	24	2	2
2	1	24	2	4
3	1	24	3	0
4	1	24	3	2
5	1	24	3	4
6	Reserved			
7	Reserved			
8	Reserved			
9	Reserved			
10	Reserved			
11	Reserved			
12	Reserved			
13	Reserved			
14	Reserved			
15	Reserved			

800

Fig. 8A

Index	SSB and CORESET multiplexing pattern	Number of RBs $N_{RB}^{CORESET}$	Number of Symbols $N_{symb}^{CORESET}$	Offset (RBs)
0	1	24	2	0
1	1	24	2	2
2	1	24	2	4
3	1	24	3	0
4	1	24	3	2
5	1	24	3	4
6	1	48	1	12
7	1	48	1	16
8	1	48	2	12
9	1	48	2	16
10	1	48	3	12
11	1	48	3	16
12	Reserved			
13	Reserved			
14	Reserved			
15	Reserved			

Fig. 8B

802

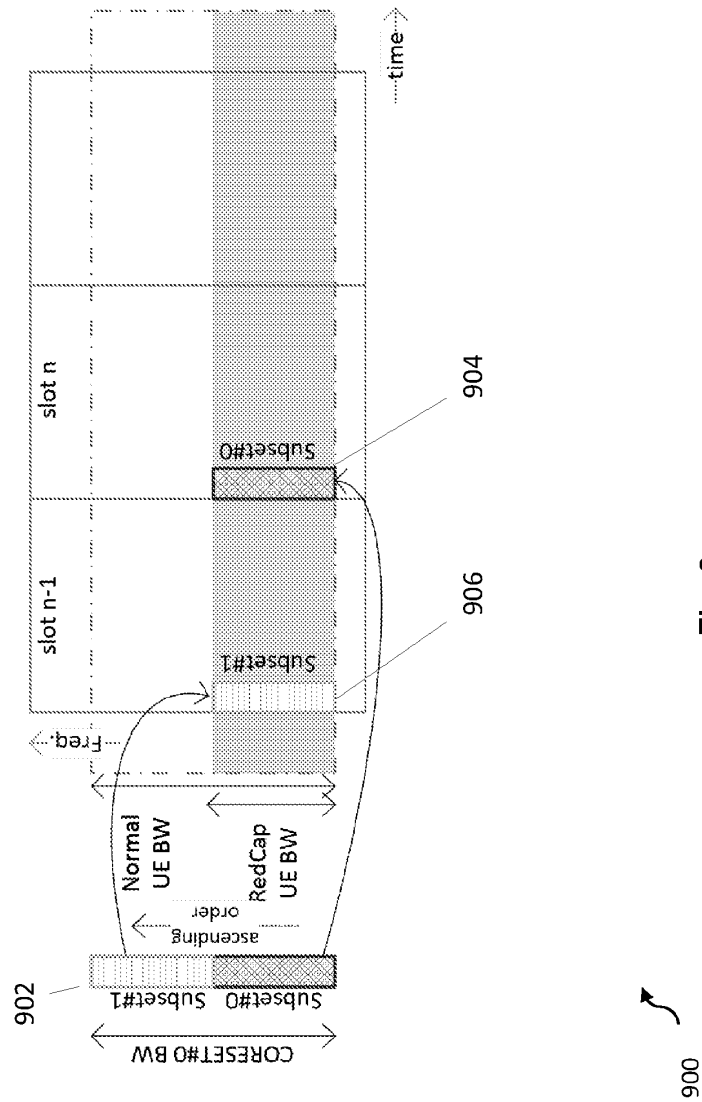


Fig. 9

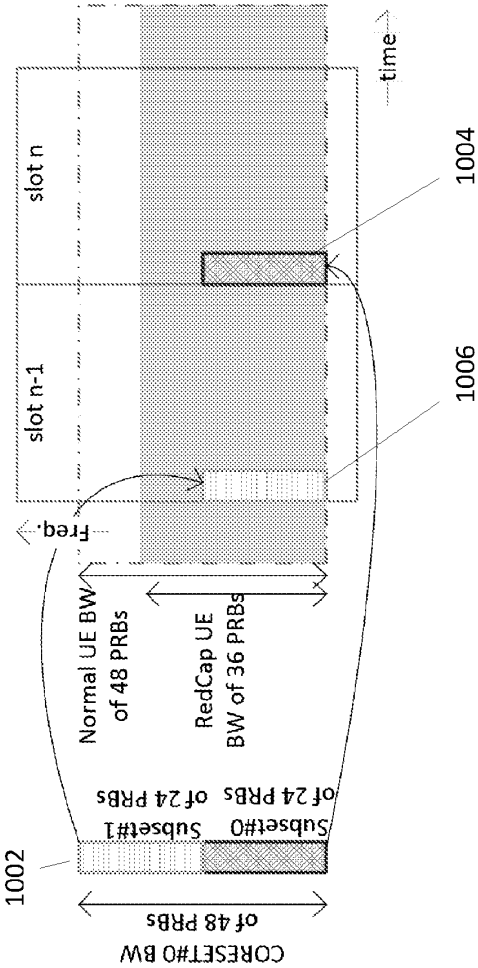
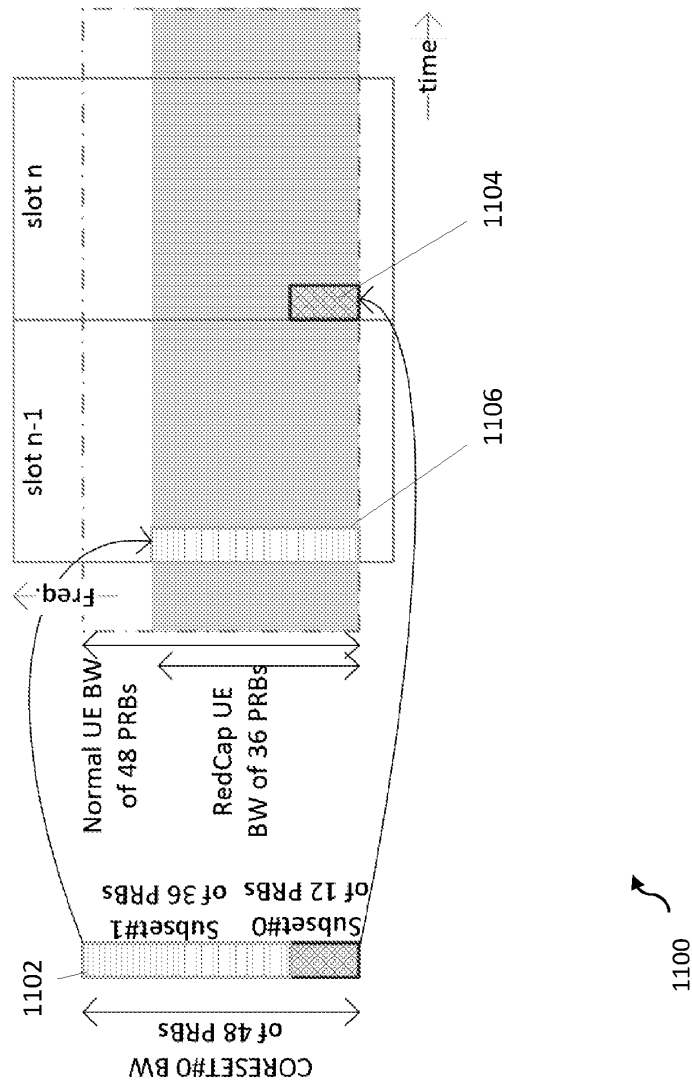


Fig. 10



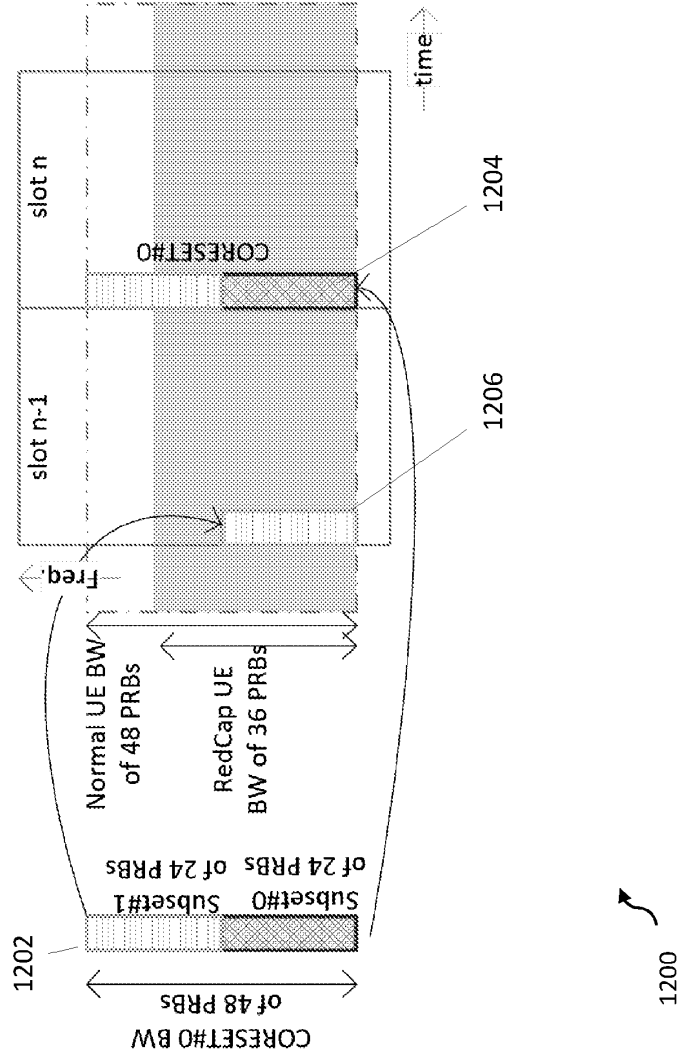
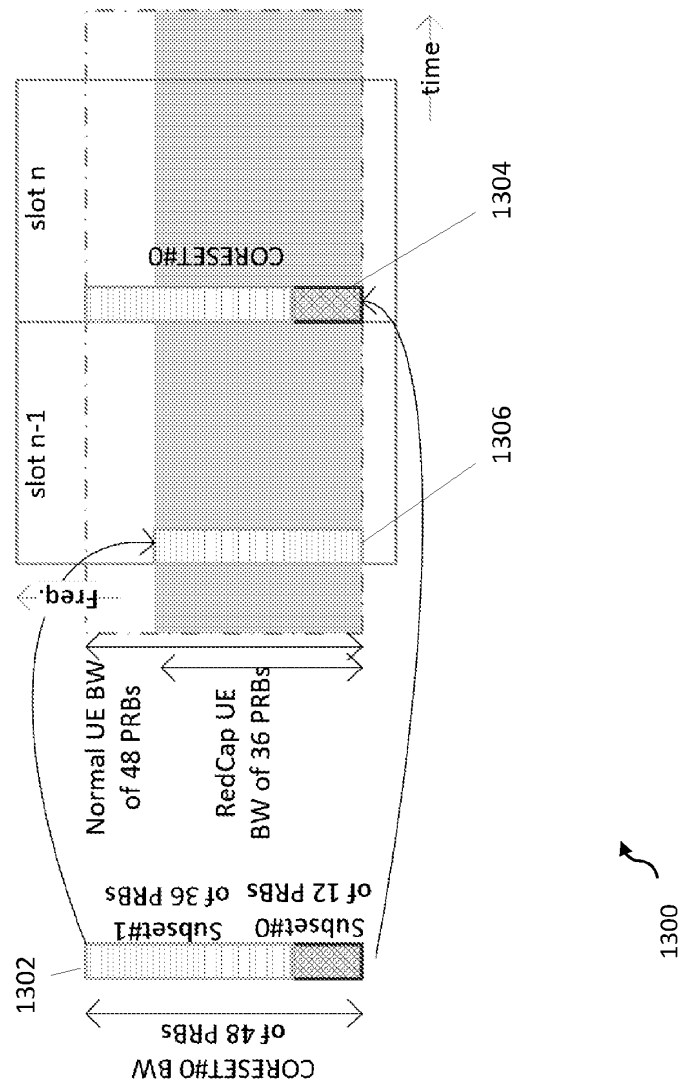


Fig. 12



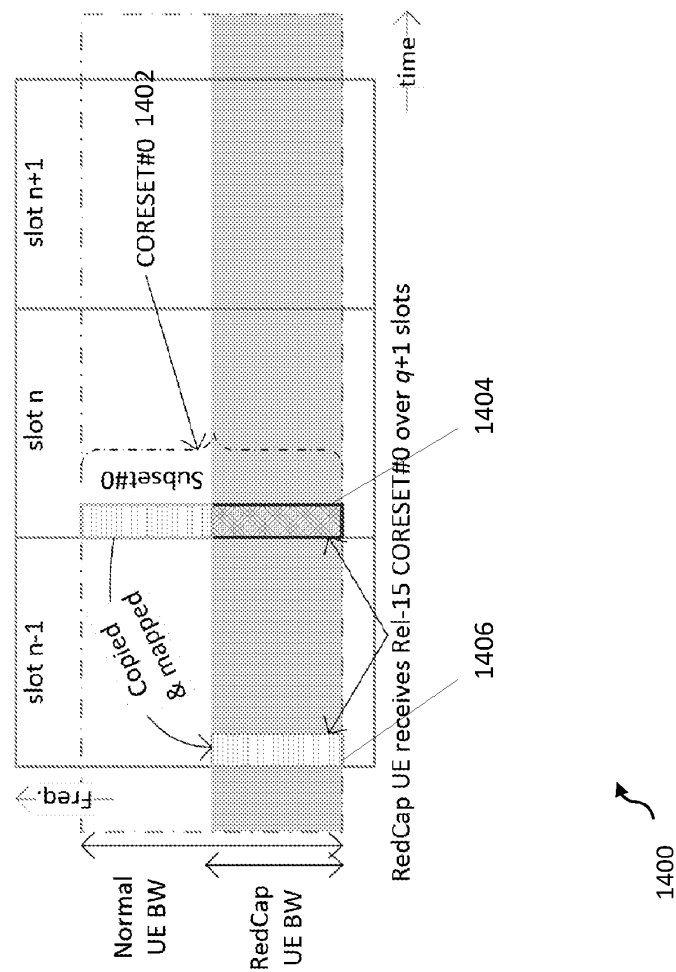


Fig. 14

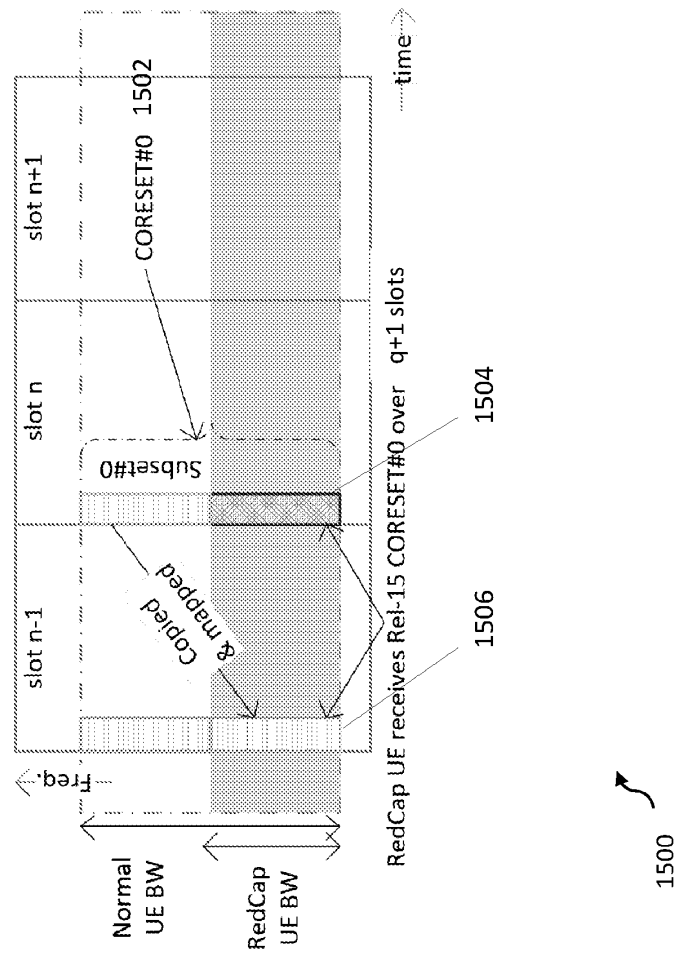


Fig. 15

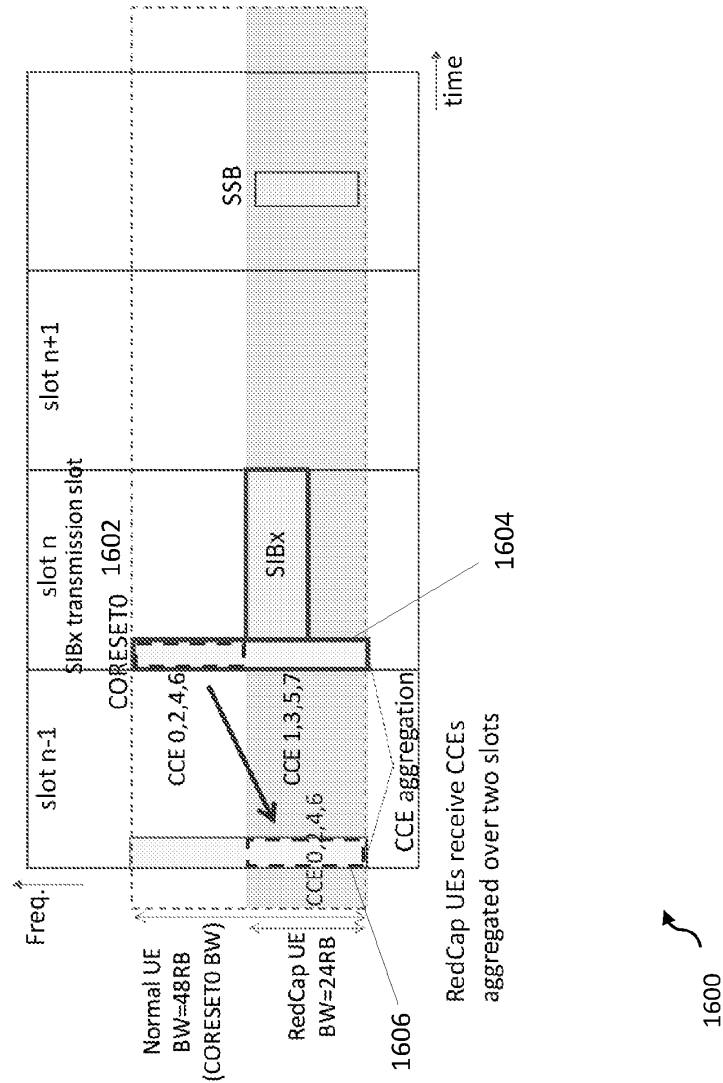


Fig. 16

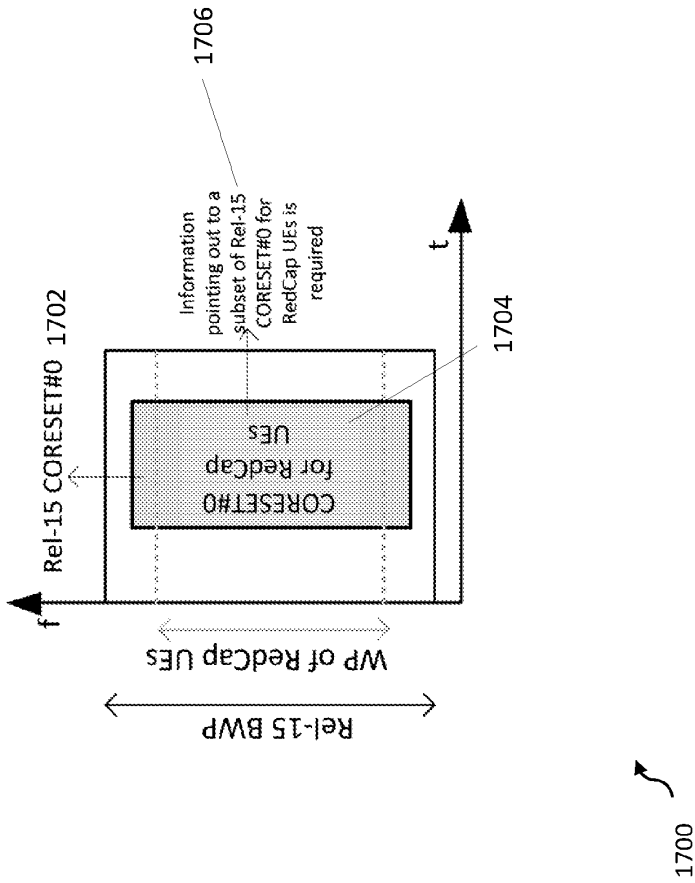
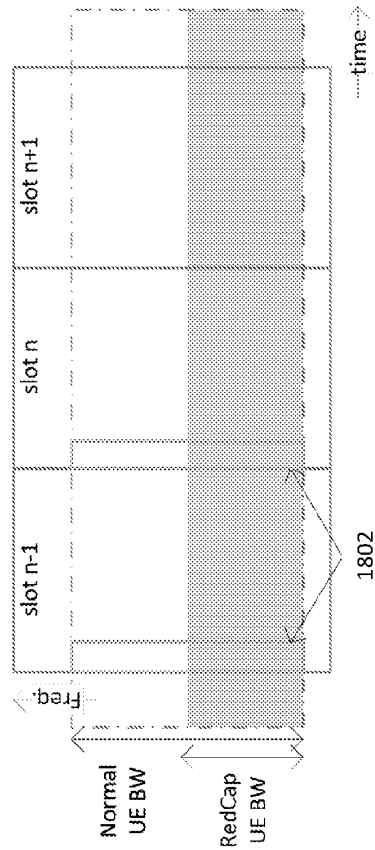


Fig. 17



1800 ↗

Fig. 18

Index	For normal UEs					For RedCap UEs			
	SS/PBCH block and CORESET multiplexing pattern	Number of RBs $N_{RB}^{CORESET}$	Number of Symbols $N_{sym}^{CORESET}$	Offset (RBs)	Offset (RBs)	Number of RBs $N_{RB}^{CORESET}$	Number of Symbols $N_{sym}^{CORESET}$	Offset (RBs)	Offset (RBs)
0	1	24	2	0	0	24	2	0	0
1	1	24	2	2	2	24	2	2	2
2	1	24	2	4	4	24	2	4	4
3	1	24	3	0	0	24	3	0	0
4	1	24	3	2	2	24	3	2	2
5	1	24	3	4	4	24	3	4	4
6	1	48	1	12	12	24	1	0	0
7	1	48	1	16	16	24	1	2	2
8	1	48	2	12	12	24	2	0	0
9	1	48	2	16	16	24	2	2	2
10	1	48	3	12	12	24	3	0	0
11	1	48	3	16	16	24	3	2	2
12	1	96	1	38	38	24	1	0	0
13	1	96	2	38	38	24	2	0	0
14	1	96	3	38	38	24	3	0	0
15	Reserved								

1900

1902

1904

Fig. 19

		For RedCap UEs		
Index	SS/PBCH block and CORESET multiplexing pattern	Number of RBs $N_{RB}^{CORESET}$	Number of Symbols $N_{Symbol}^{CORESET}$	Offset (RBs)
0	1	24	2	0
1	1	24	2	2
2	1	24	2	4
3	1	24	3	0
4	1	24	3	2
5	1	24	3	4
6	1	24	1	0
7	1	24	1	2
8	1	24	2	0
9	1	24	2	2
10	1	24	3	0
11	1	24	3	2
12	1	24	1	0
13	1	24	2	0
14	1	24	3	0
15	Reserved			

2000

Fig. 20

		For normal UEs						For RedCap UEs			
	SS/PBCH block and CORESET multiplexing pattern	N_{RB}	Number of RBs CORESET	N_{SYMB}	Number of Symbols CORESET	Offset (RBs) N_{RB}	Number of RBs CORESET	N_{SYMB}	Number of Symbols CORESET	Offset (RBs)	
0	1	24	24	2	0	0	24	2	0	2102	
1	1	24	24	2	2	2	24	2	2		
2	1	24	24	2	4	4	24	2	4		
3	1	24	24	3	0	0	24	3	0		
4	1	24	24	3	2	2	24	3	2		
5	1	24	24	3	4	4	24	3	4		
6	1	48	48	1	12	12	NA	NA	NA		
7	1	48	48	1	16	16	NA	NA	NA		
8	1	48	48	2	12	12	NA	NA	NA		
9	1	48	48	2	16	16	NA	NA	NA		
10	1	48	48	3	12	12	NA	NA	NA		
11	1	48	48	3	16	16	NA	NA	NA		
12	1	96	96	1	38	38	NA	NA	NA		
13	1	96	96	2	38	38	NA	NA	NA		
14	1	96	96	3	38	38	NA	NA	NA		2104
15	Reserved										

2100

Fig. 21

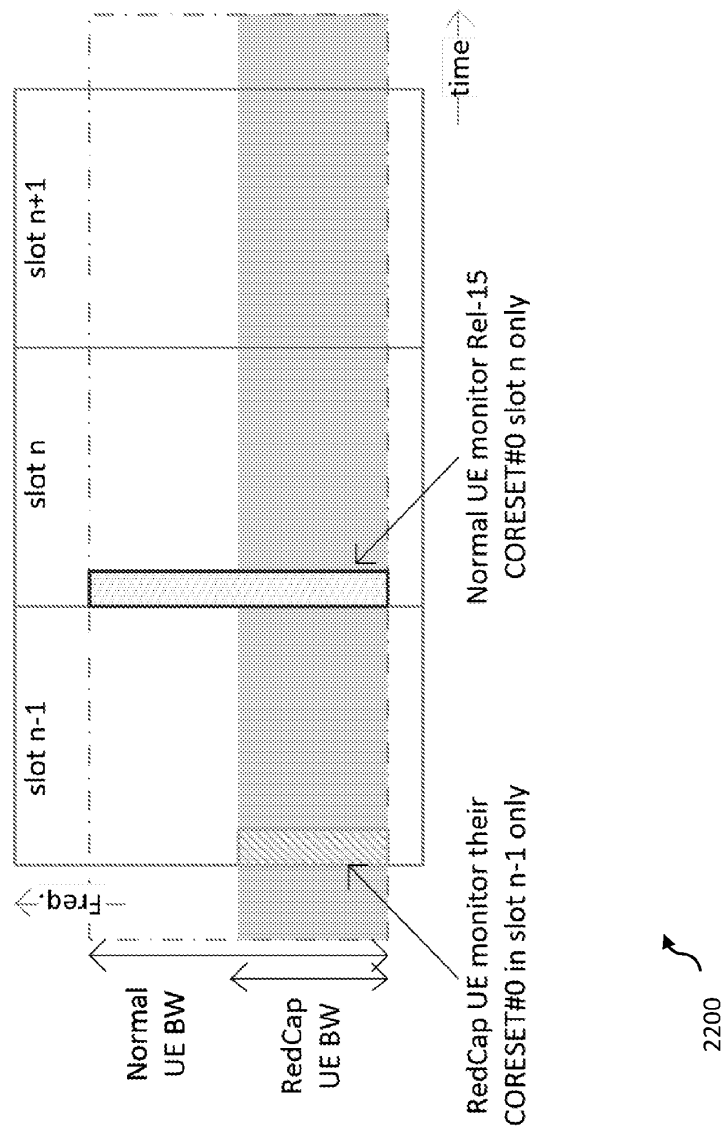


Fig. 22

Index	O	Number of SS sets per slot	M	First symbol Index	Index p for RedCap UE CORESET #0
0	0	1	1	0	0
1	0	2	1/2	{0, if i is even}, $\{N_{\text{CORESET}}, \text{if } i \text{ is odd}\}$	0
2	2	1	1	0	1
3	2	2	1/2	{0, if i is even}, $\{N_{\text{CORESET}}, \text{if } i \text{ is odd}\}$	0
4	5	1	1	0	1
5	5	2	1/2	{0, if i is even}, $\{N_{\text{CORESET}}, \text{if } i \text{ is odd}\}$	0
6	7	1	1	0	0
7	7	2	1/2	{0, if i is even}, $\{N_{\text{CORESET}}, \text{if } i \text{ is odd}\}$	0
8	0	1	2	0	0
9	5	1	2	0	0
10	0	1	1	1	1
11	0	1	1	2	1
12	2	1	1	1	1
13	2	1	1	2	1
14	5	1	1	1	1
15	5	1	1	2	0

Fig. 23

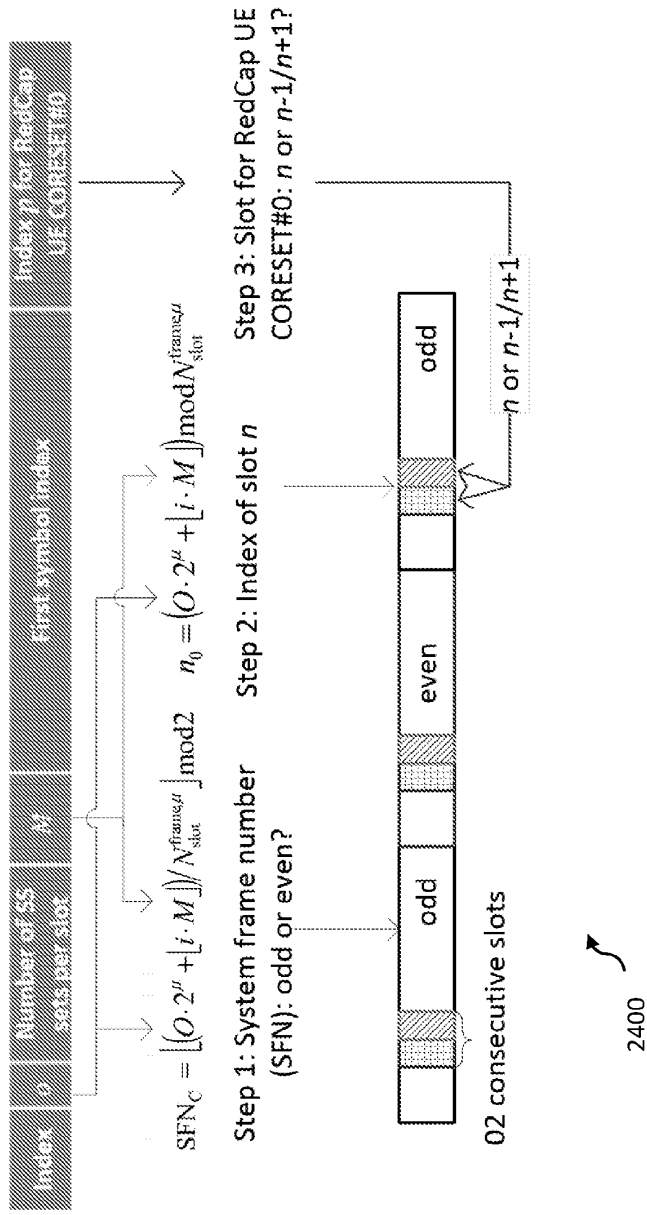


Fig. 24

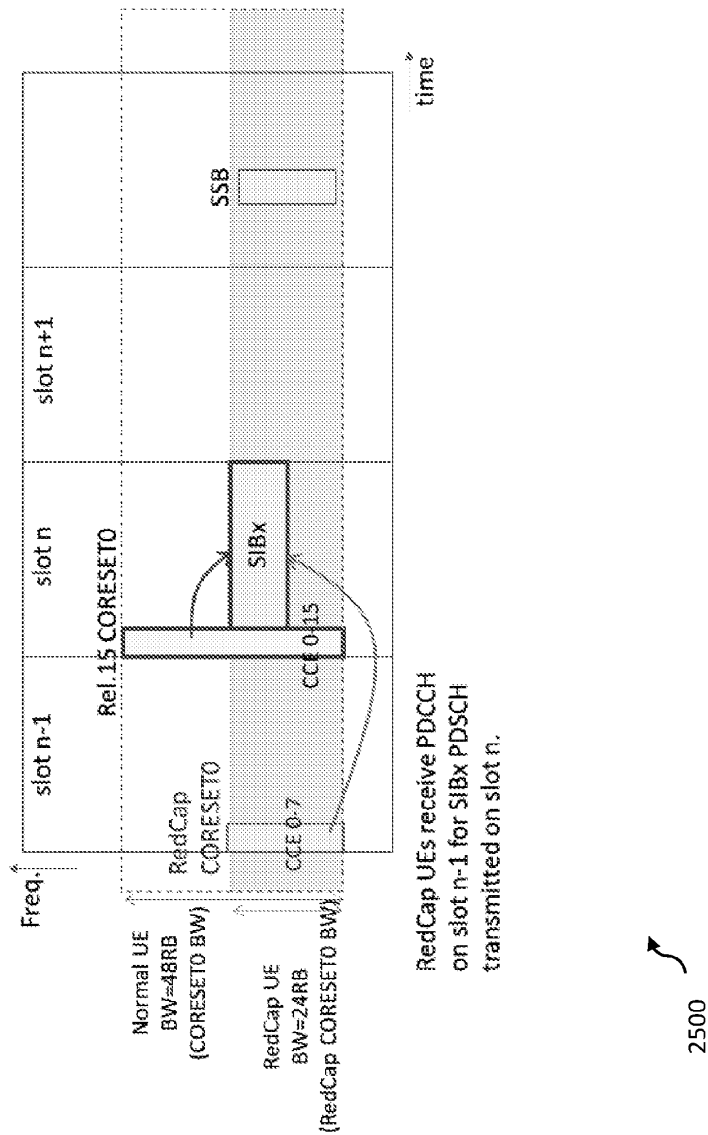


Fig. 25

Index	SS/PBCH block and CORESET multiplexing pattern	For normal UEs				For RedCap UEs			
		Number of RBs $N_{RB}^{CORESET}$	Number of Symbols $N_{Symbol}^{CORESET}$	Offset (RBs)	Number of Symbols $N_{Symbol}^{CORESET}$	Number of RBs $N_{RB}^{CORESET}$	Number of Symbols $N_{Symbol}^{CORESET}$	Offset (RBs)	Number of Repetitions
0	1	24	2	0	2	24	2	0	1
1	1	24	2	2	2	24	2	2	2
2	1	24	2	4	2	24	2	4	1
3	1	24	3	0	3	24	3	0	2
4	1	24	3	2	3	24	3	2	1
5	1	24	3	4	3	24	3	4	2
6	1	48	1	12	1	24	1	0	1
7	1	48	1	16	1	24	1	2	2
8	1	48	2	12	2	24	2	0	4
9	1	48	2	16	2	24	2	2	4
10	1	48	3	12	3	24	3	0	2
11	1	48	3	16	3	24	3	2	2
12	1	96	1	38	1	24	1	0	2
13	1	96	2	38	2	24	2	0	2
14	1	96	3	38	3	24	3	0	2
15	Reserved								

2600

2602

Fig. 26

Index	O	Number of SS sets per slot	M	First symbol index	Number of Repetition for RedCap UE
0	0	1	1	0	1
1	0	2	1/2	$\{0, \text{if } i \text{ is even}\}, \{N_{\text{symb}}^{\text{CORESET}}, \text{if } i \text{ is odd}\}$	2
2	2	1	1	0	1
3	2	2	1/2	$\{0, \text{if } i \text{ is even}\}, \{N_{\text{symb}}^{\text{CORESET}}, \text{if } i \text{ is odd}\}$	2
4	5	1	1	0	1
5	5	2	1/2	$\{0, \text{if } i \text{ is even}\}, \{N_{\text{symb}}^{\text{CORESET}}, \text{if } i \text{ is odd}\}$	2
6	7	1	1	0	1
7	7	2	1/2	$\{0, \text{if } i \text{ is even}\}, \{N_{\text{symb}}^{\text{CORESET}}, \text{if } i \text{ is odd}\}$	2
8	0	1	2	0	4
9	5	1	2	0	4
10	0	1	1	1	2
11	0	1	1	2	2
12	2	1	1	1	2
13	2	1	1	2	2
14	5	1	1	1	2
15	5	1	1	2	2

2700

Fig. 27

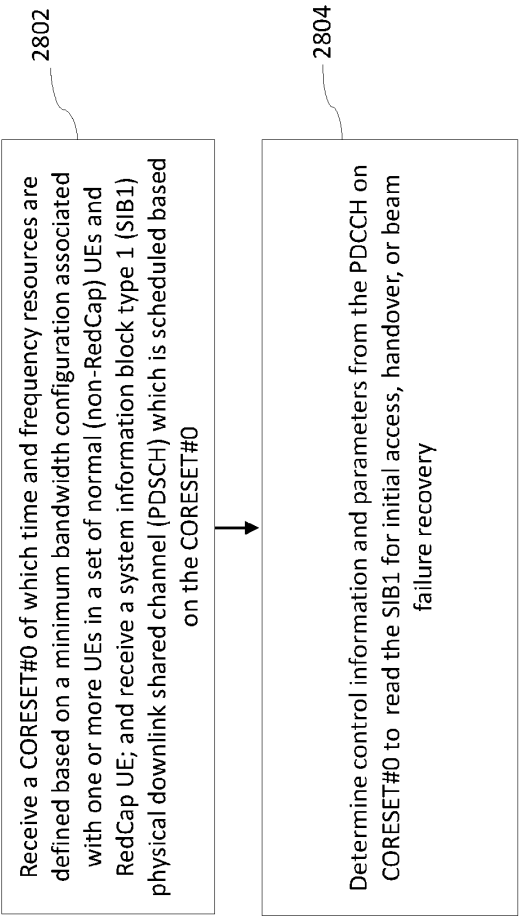


Fig. 28

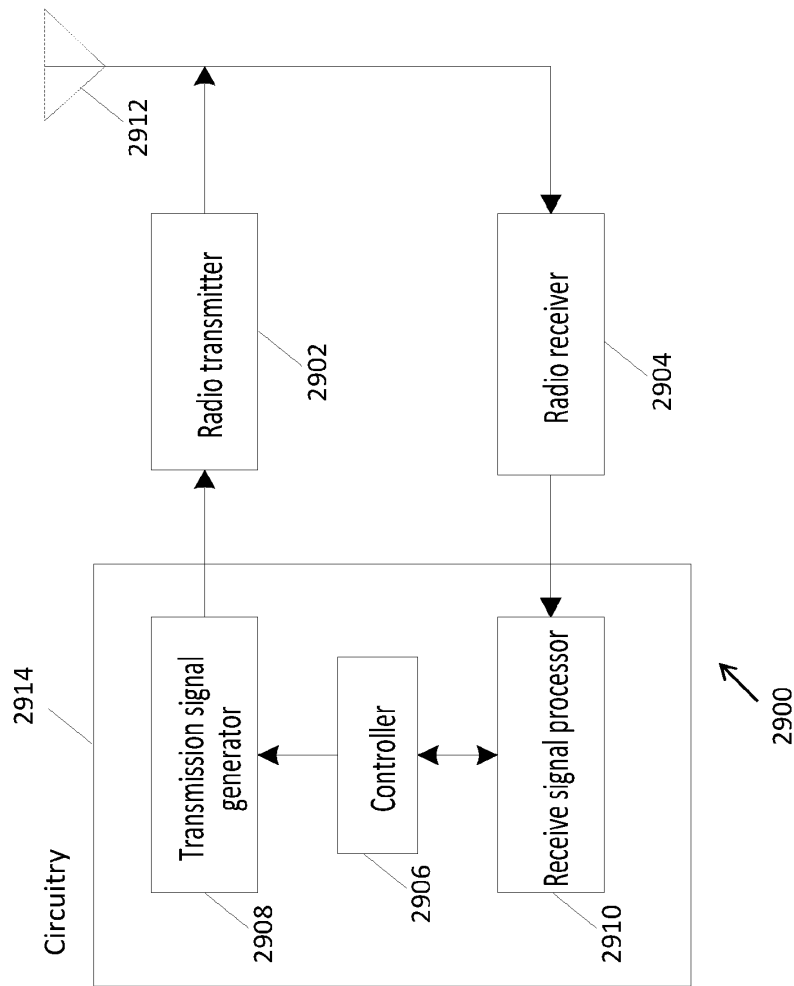


Fig. 29