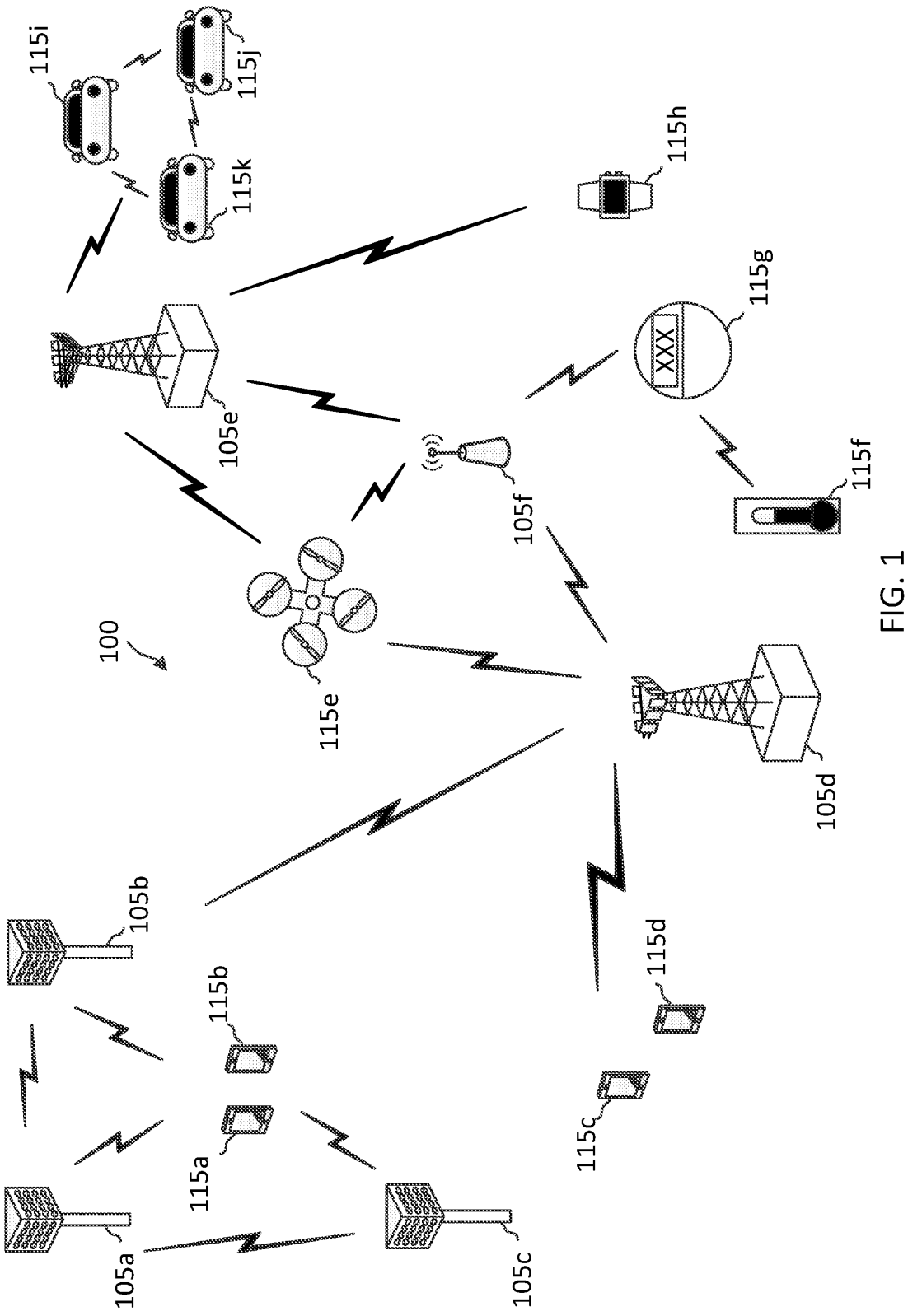
115i
115j
115k
115h
115g
XXX
105e
105f
115f
100
115e
105d
105b
115b
115d
115a
115c
105a
105c

FIG. 1

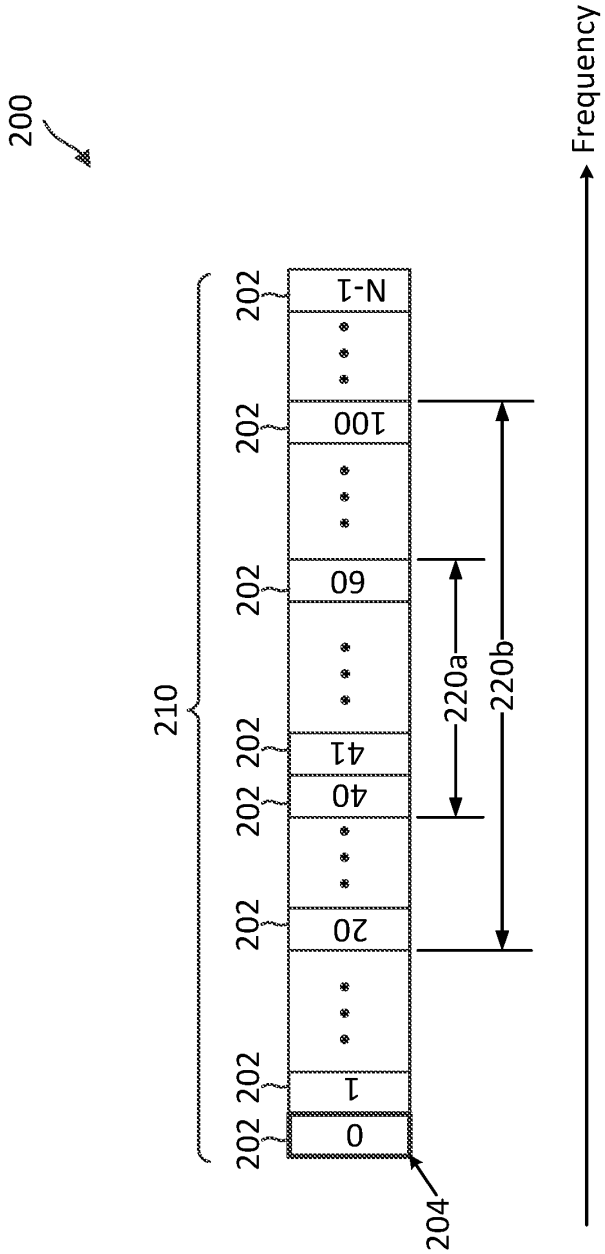

FIG. 2

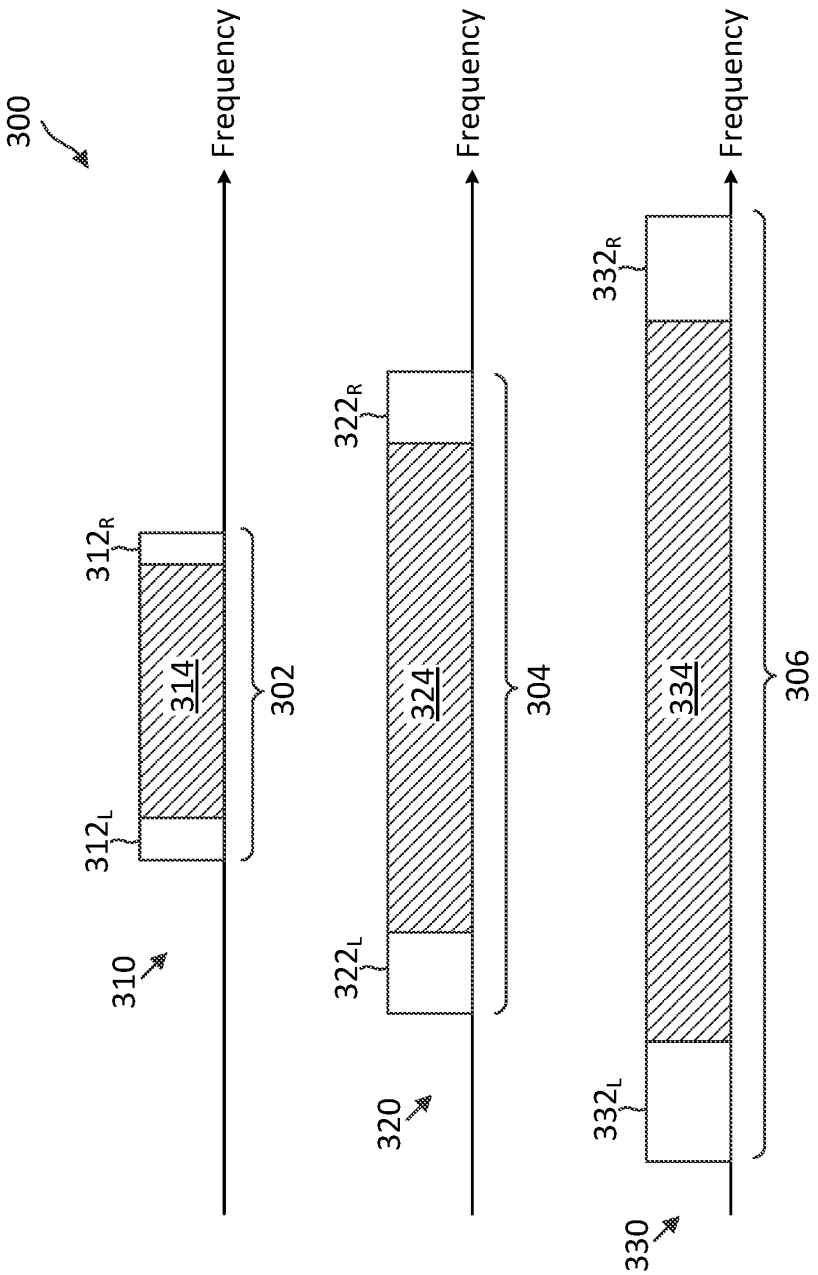
300
Frequency
312R
314
312L
302
310
Frequency
322R
324
322L
304
320
Frequency
332R
334
332L
306
330

FIG. 3

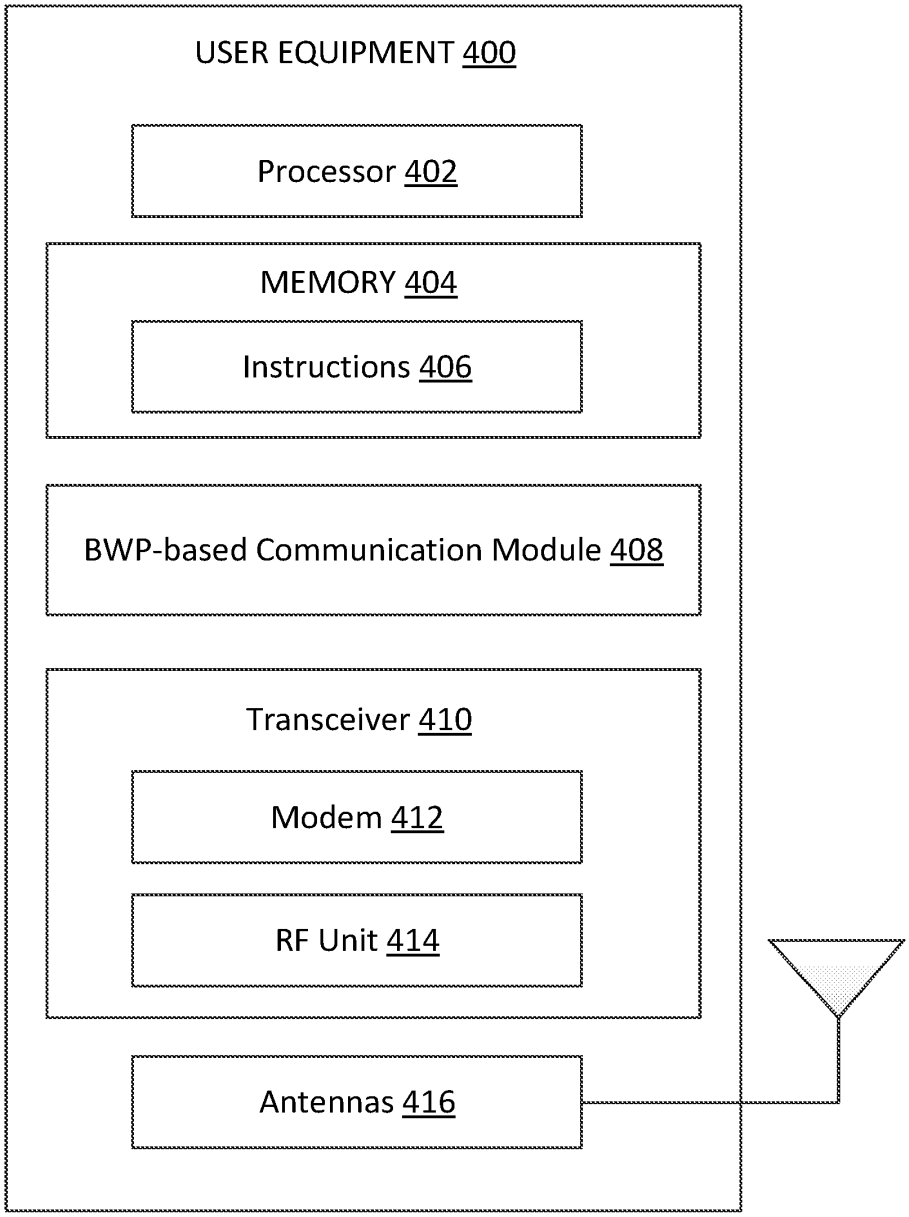
USER EQUIPMENT 400
Processor 402
MEMORY 404
Instructions 406
BWP-based Communication Module 408
Transceiver 410
Modem 412
RF Unit 414
Antennas 416

FIG. 4

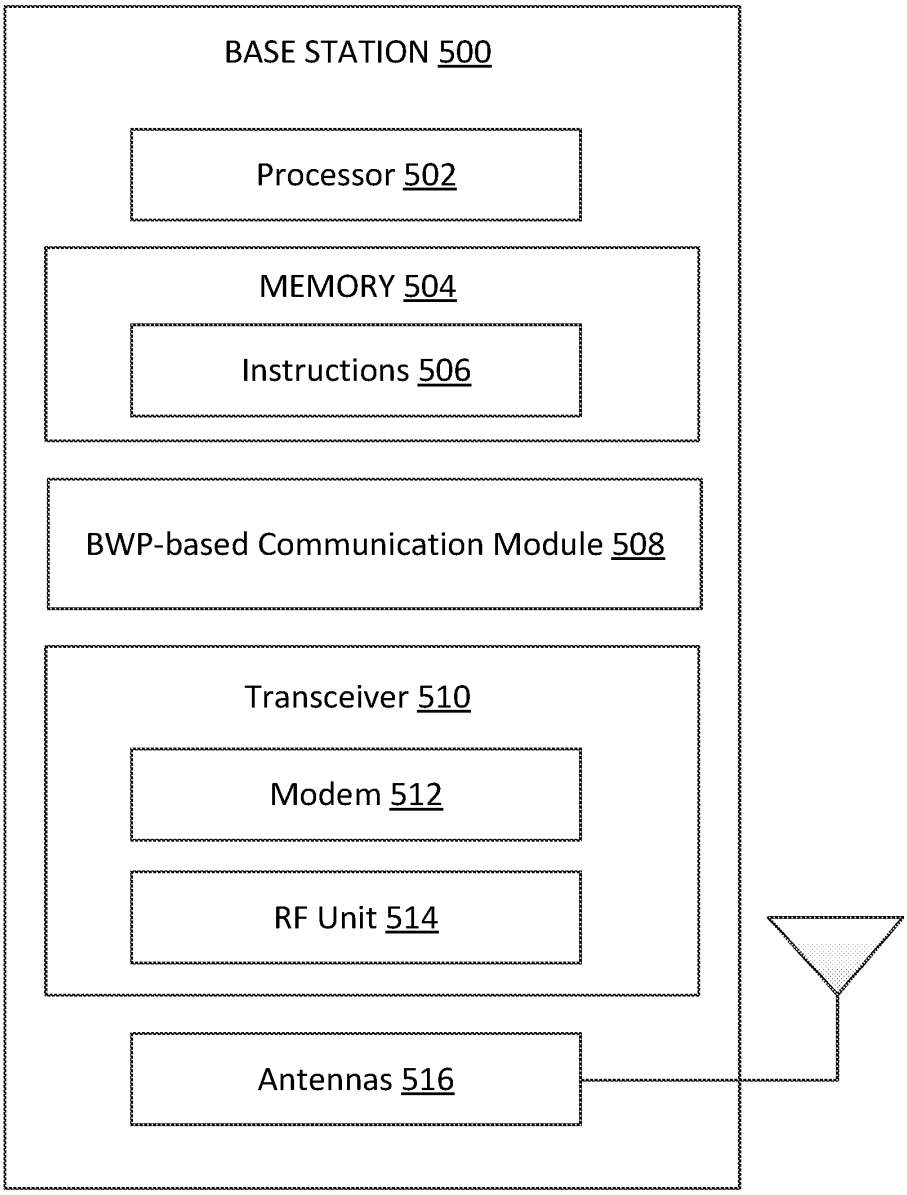
BASE STATION 500
Processor 502
MEMORY 504
Instructions 506
BWP-based Communication Module 508
Transceiver 510
Modem 512
RF Unit 514
Antennas 516

FIG. 5

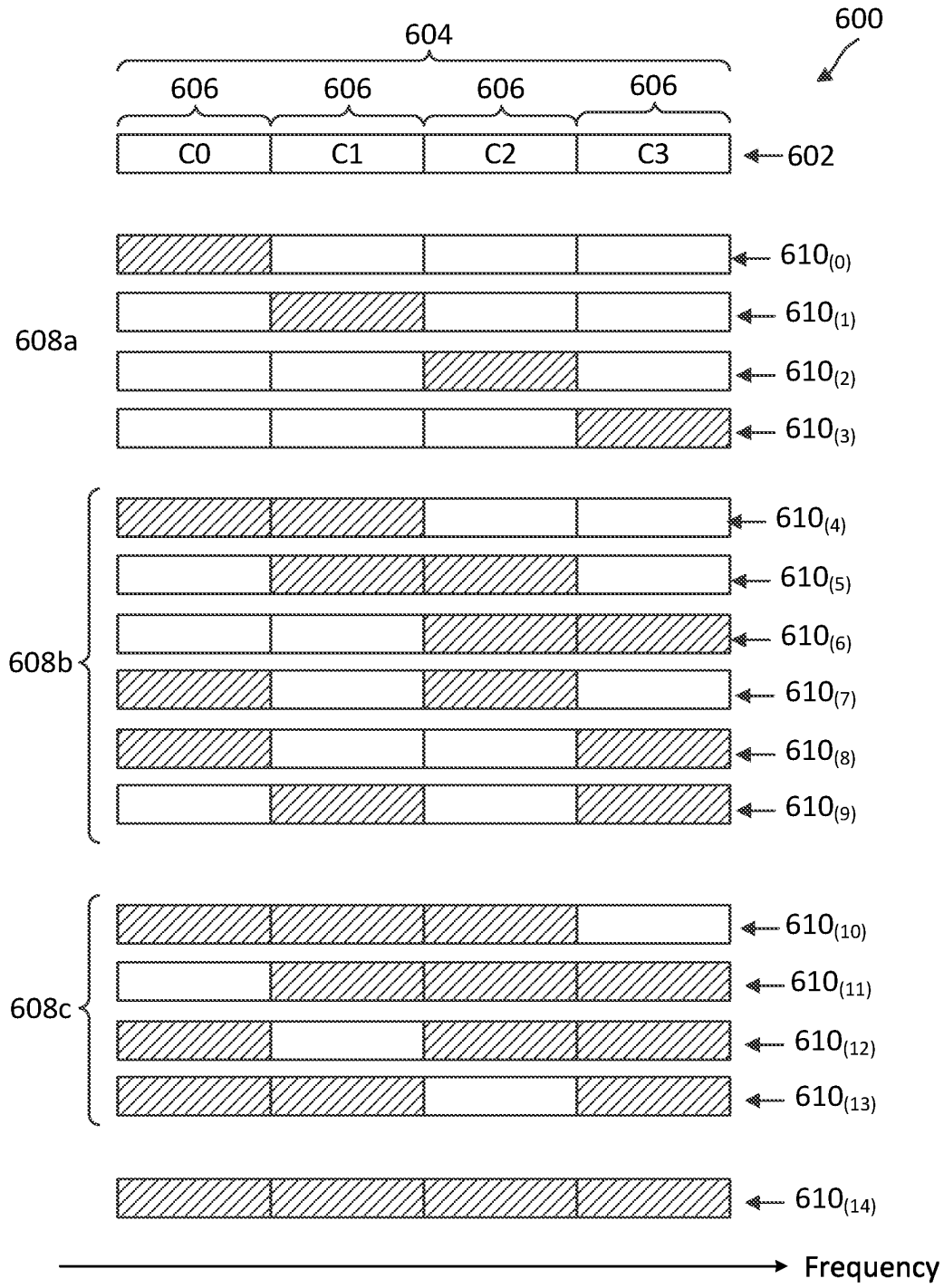
600
604
606
606
606
606
C0
C1
C2
C3
602
608a
610(0)
610(1)
610(2)
610(3)
608b
610(4)
610(5)
610(6)
610(7)
610(8)
610(9)
608c
610(10)
610(11)
610(12)
610(13)
610(14)
Frequency

FIG. 6

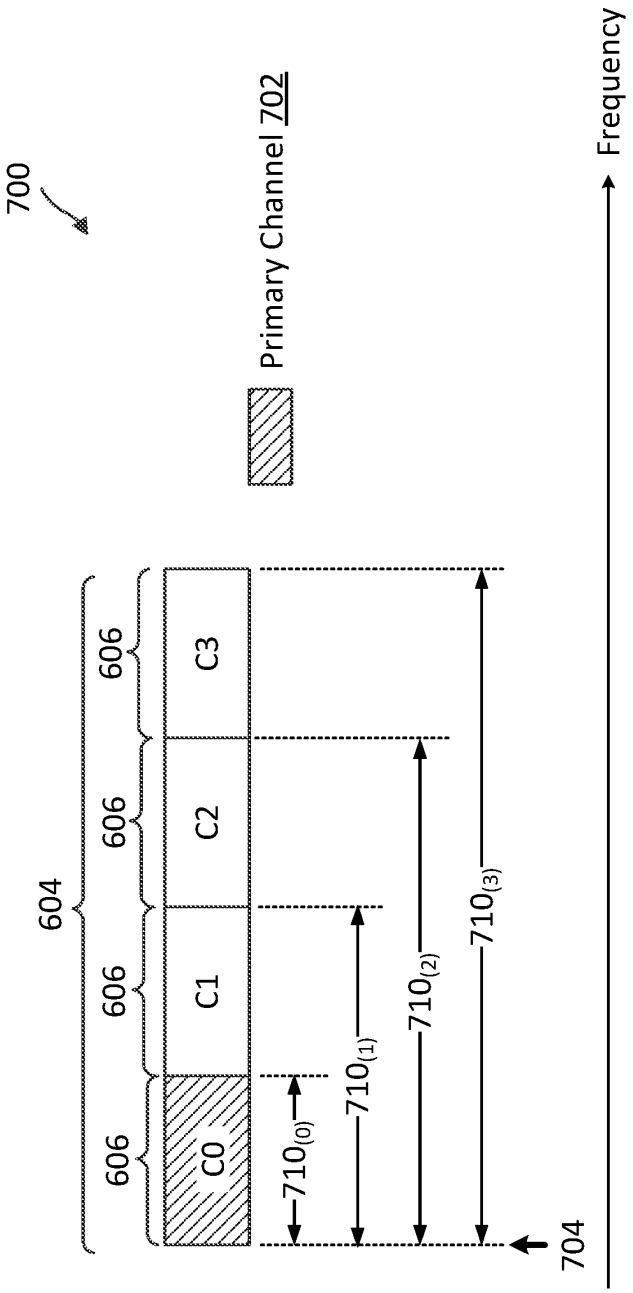
700
Primary Channel 702
Frequency
604
606
606
606
606
C0
C1
C2
C3
$710_{(0)}$
$710_{(1)}$
$710_{(2)}$
$710_{(3)}$
704

FIG. 7

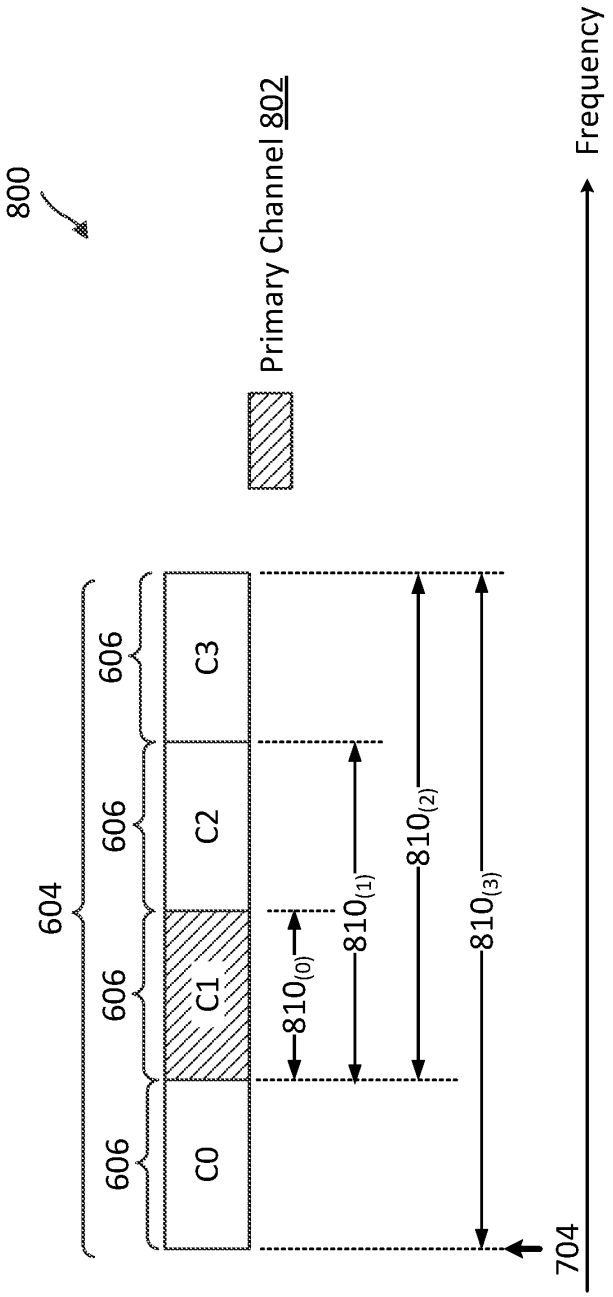
800
Primary Channel 802
Frequency
604
606
606
606
606
C3
C2
C1
C0
$810_{(0)}$
$810_{(1)}$
$810_{(2)}$
$810_{(3)}$
704

FIG. 8

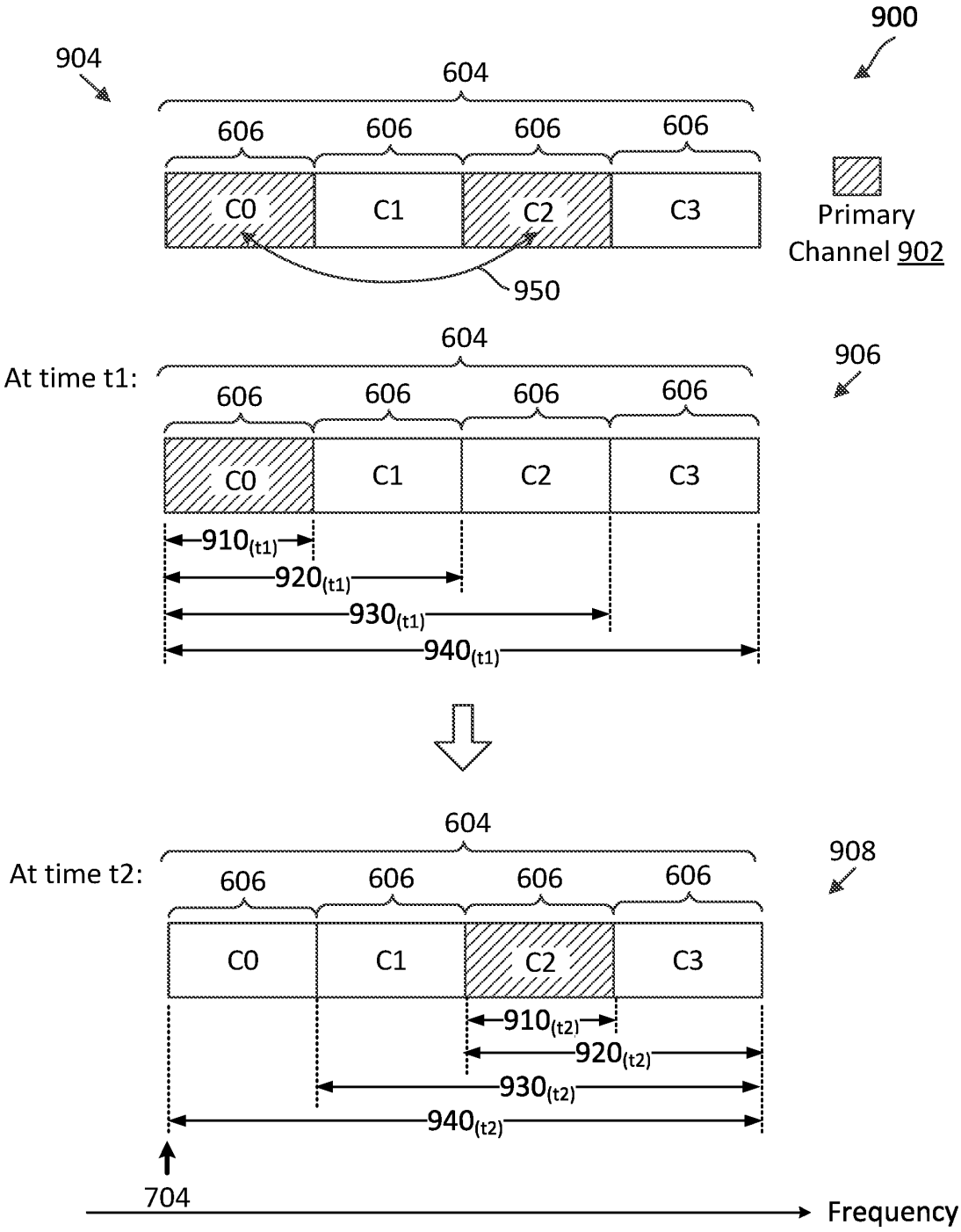
900
904
604
606
606
606
606
C0
C1
C2
C3
Primary Channel 902
950
At time t1:
906
910(t1)
920(t1)
930(t1)
940(t1)
At time t2:
908
910(t2)
920(t2)
930(t2)
940(t2)
704
Frequency

FIG. 9

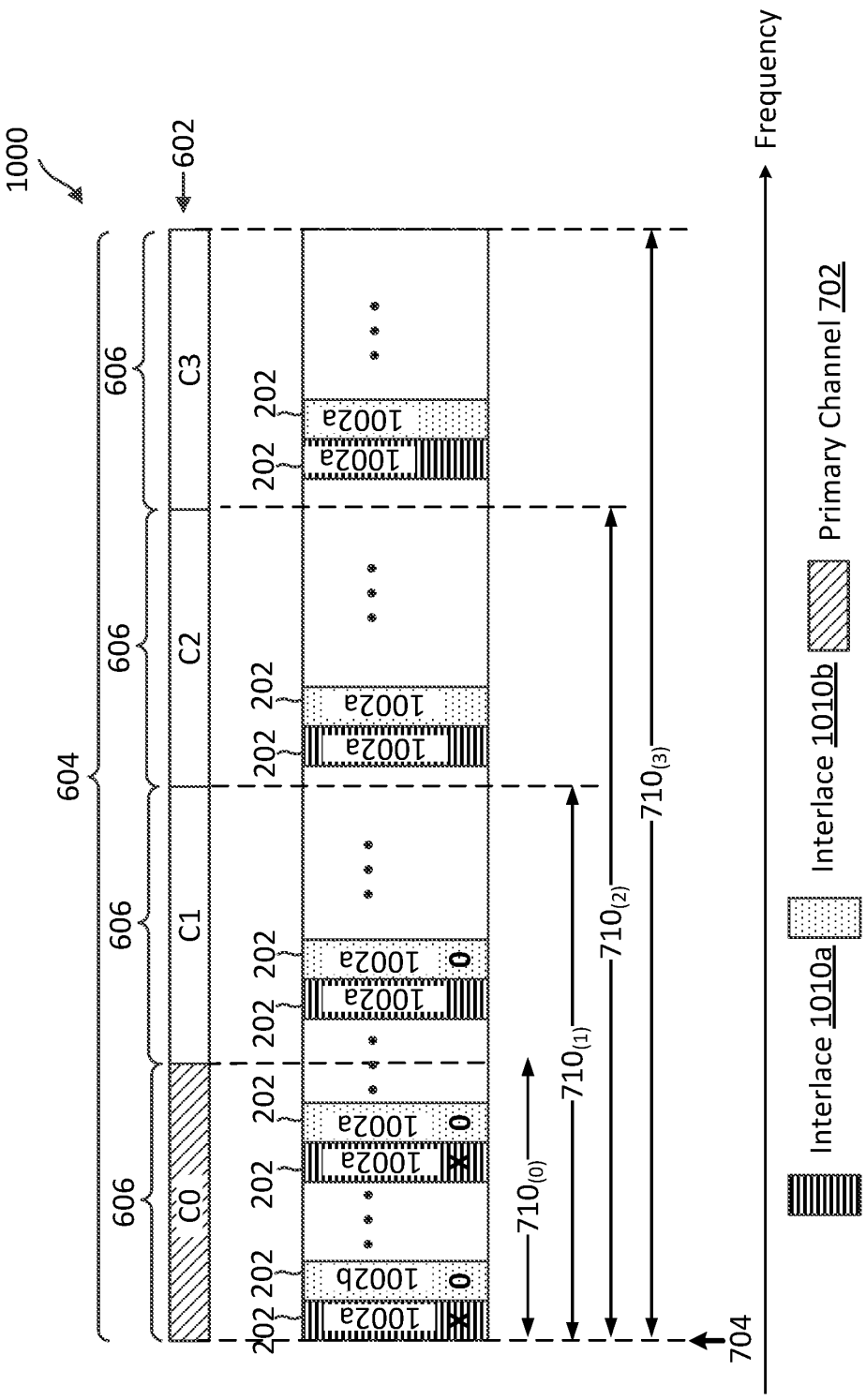
1000
602
Frequency
604
606
C3
C2
C1
C0
202
1002a
1002b
704
$710_{(0)}$
$710_{(1)}$
$710_{(2)}$
$710_{(3)}$
Interlace 1010a
Interlace 1010b
Primary Channel 702

FIG. 10

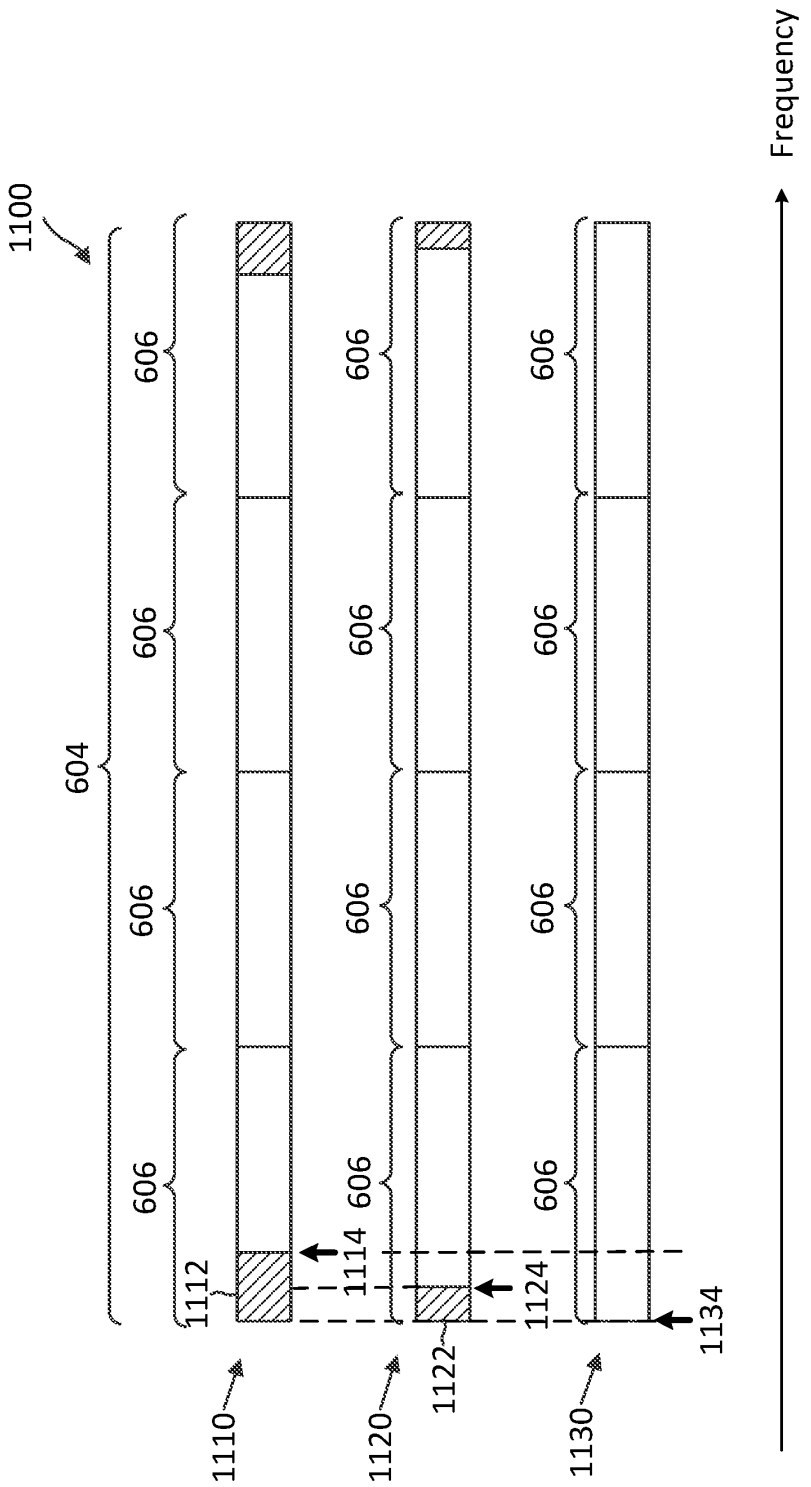
Frequency
1100
604
606
606
606
606
606
606
606
606
606
606
606
606
606
606
606
1112
1114
1122
1124
1134
1110
1120
1130

FIG. 11

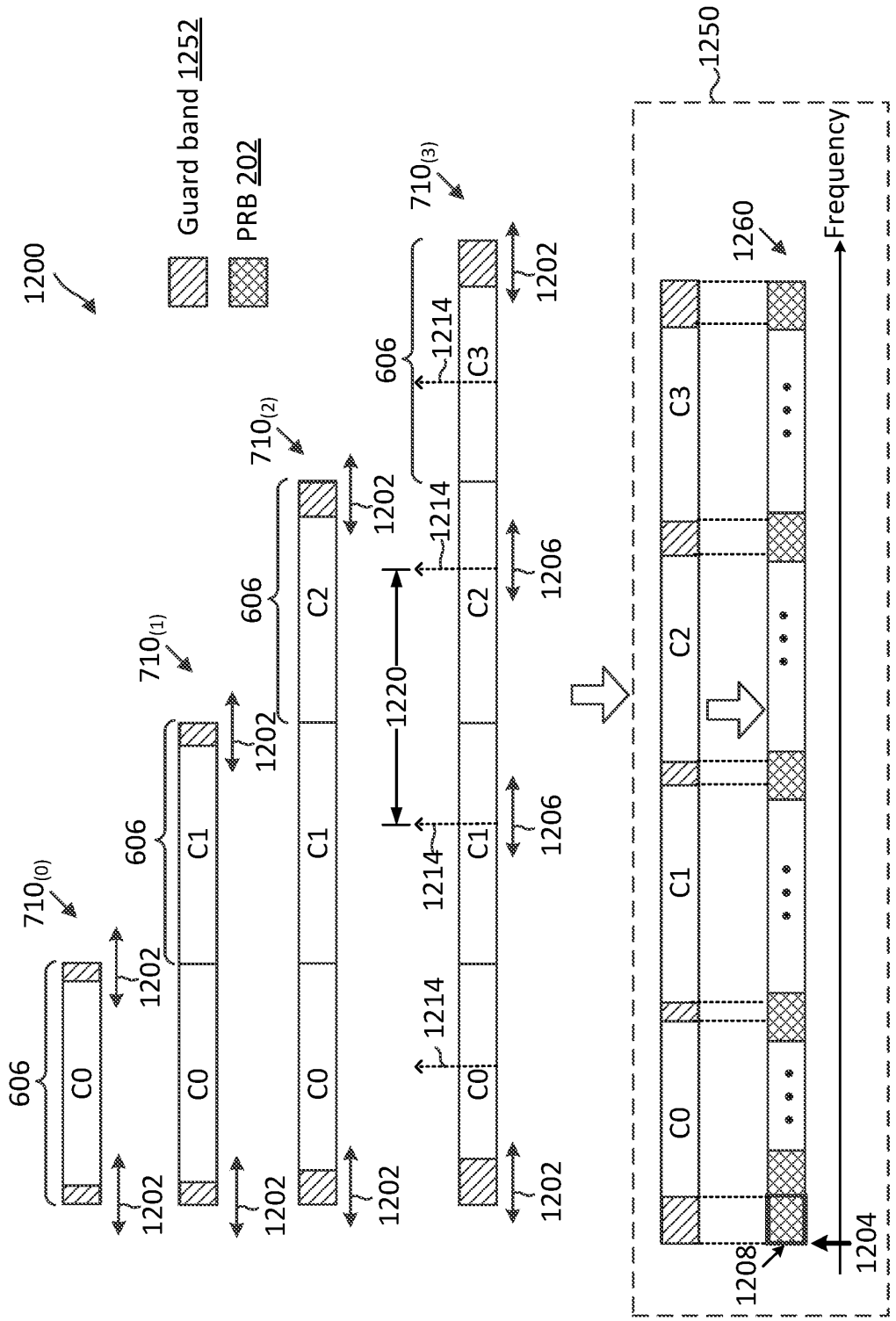
1200
Guard band 1252
PRB 202
1250
Frequency
1260
$710_{(0)}$
$710_{(1)}$
$710_{(2)}$
$710_{(3)}$
606
1202
1214
1206
1220
1204
1208
C0
C1
C2
C3

FIG. 12

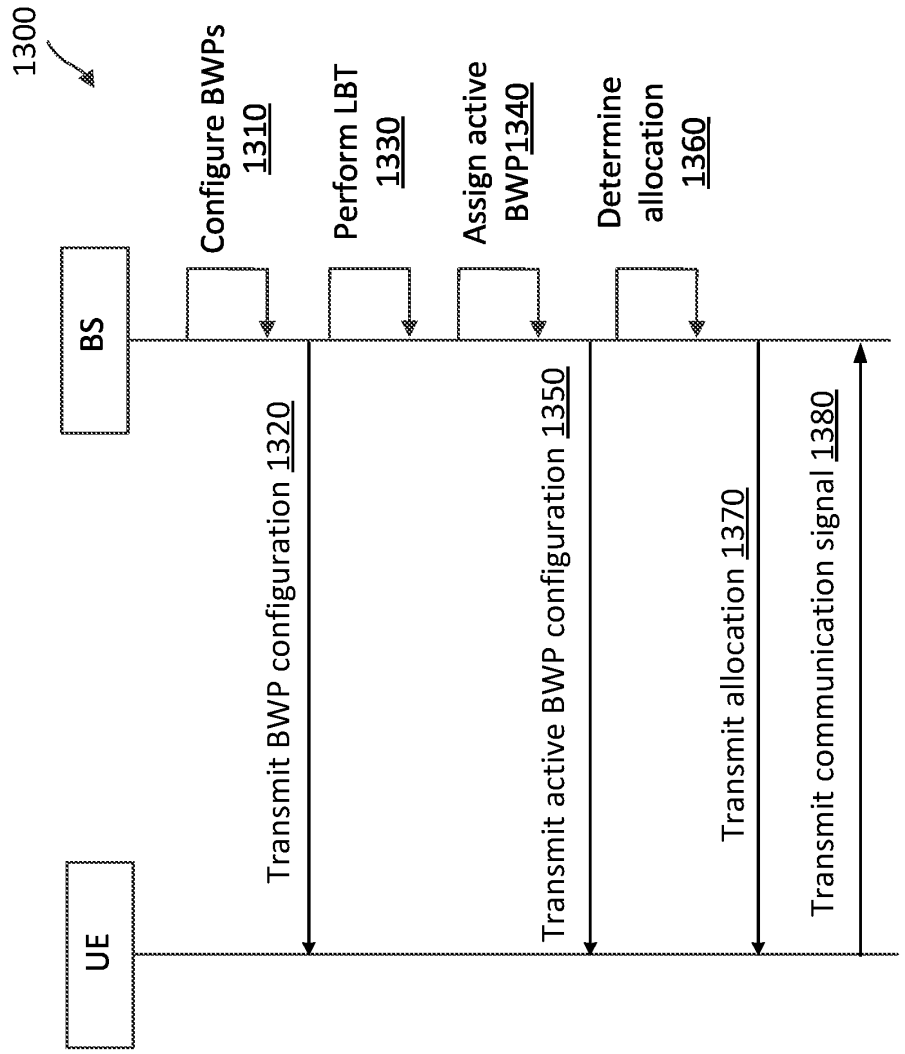
1300
BS
UE
Configure BWPs 1310
Perform LBT 1330
Assign active BWP1340
Determine allocation 1360
Transmit BWP configuration 1320
Transmit active BWP configuration 1350
Transmit allocation 1370
Transmit communication signal 1380

FIG. 13

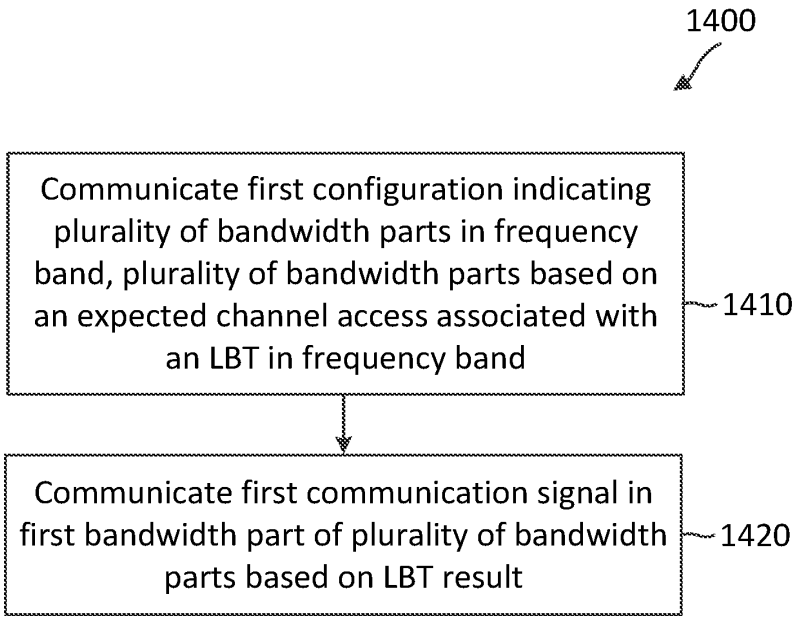
1400
Communicate first configuration indicating plurality of bandwidth parts in frequency band, plurality of bandwidth parts based on an expected channel access associated with an LBT in frequency band
1410
Communicate first communication signal in first bandwidth part of plurality of bandwidth parts based on LBT result
1420

FIG. 14