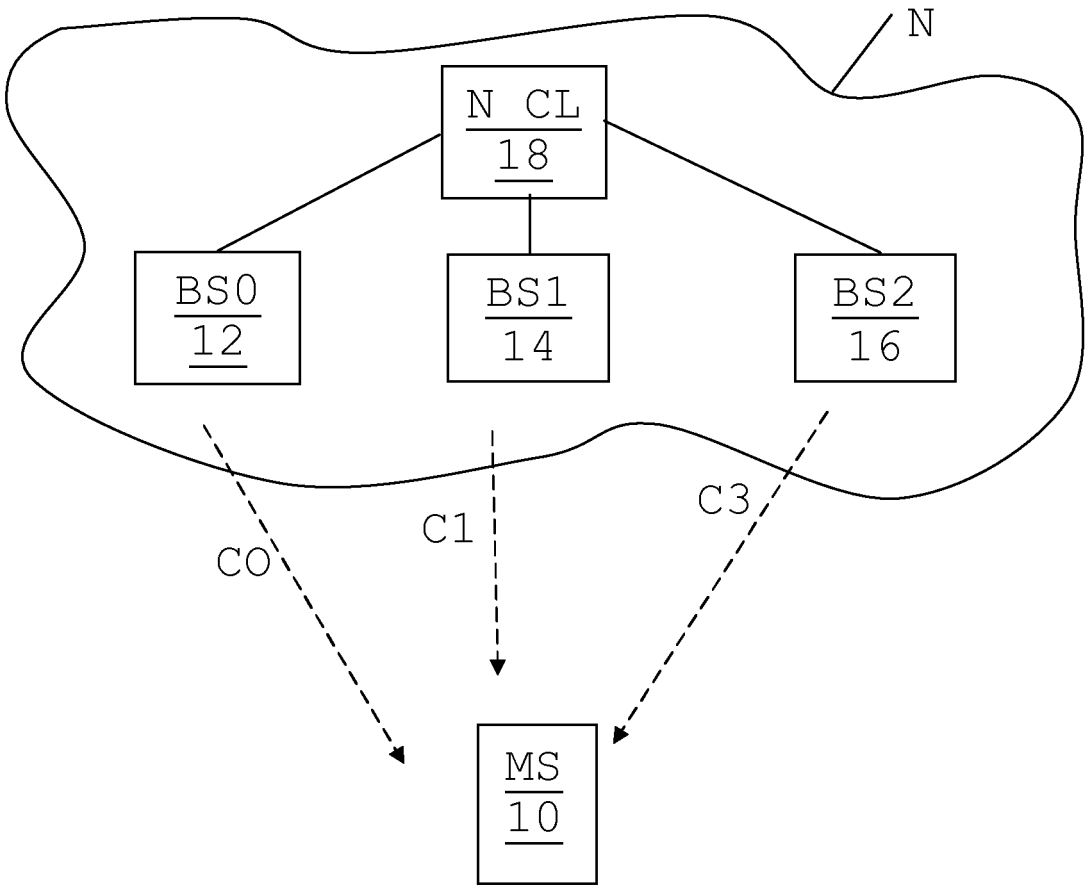


FIG. 1

DTX SCHEME

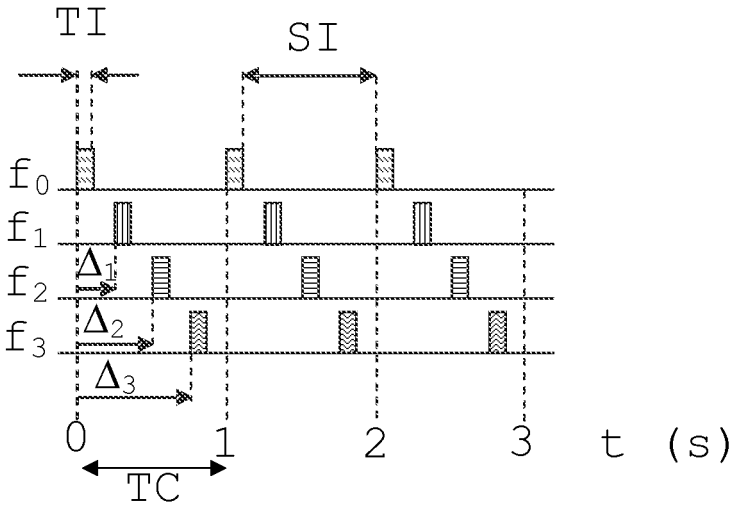


FIG. 2

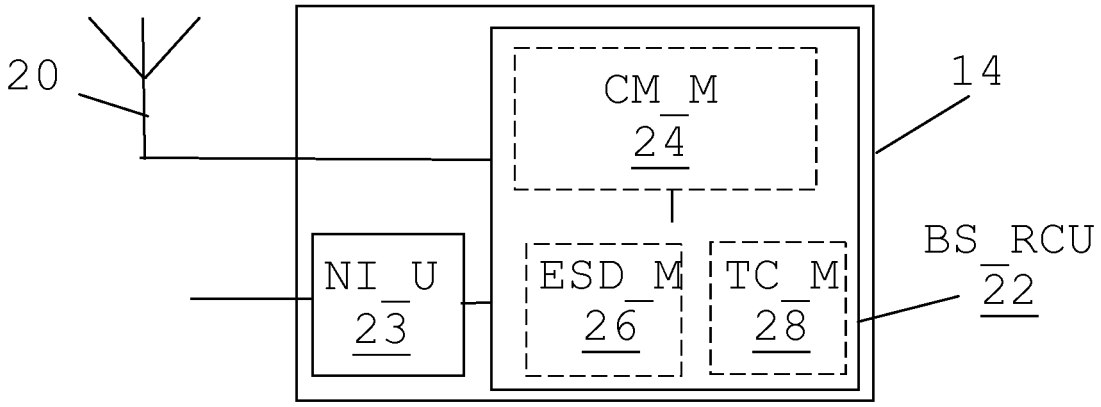

20
14
CM_M
24
NI_U
23
ESD_M
26
TC_M
28
BS_RCU
22

FIG. 3

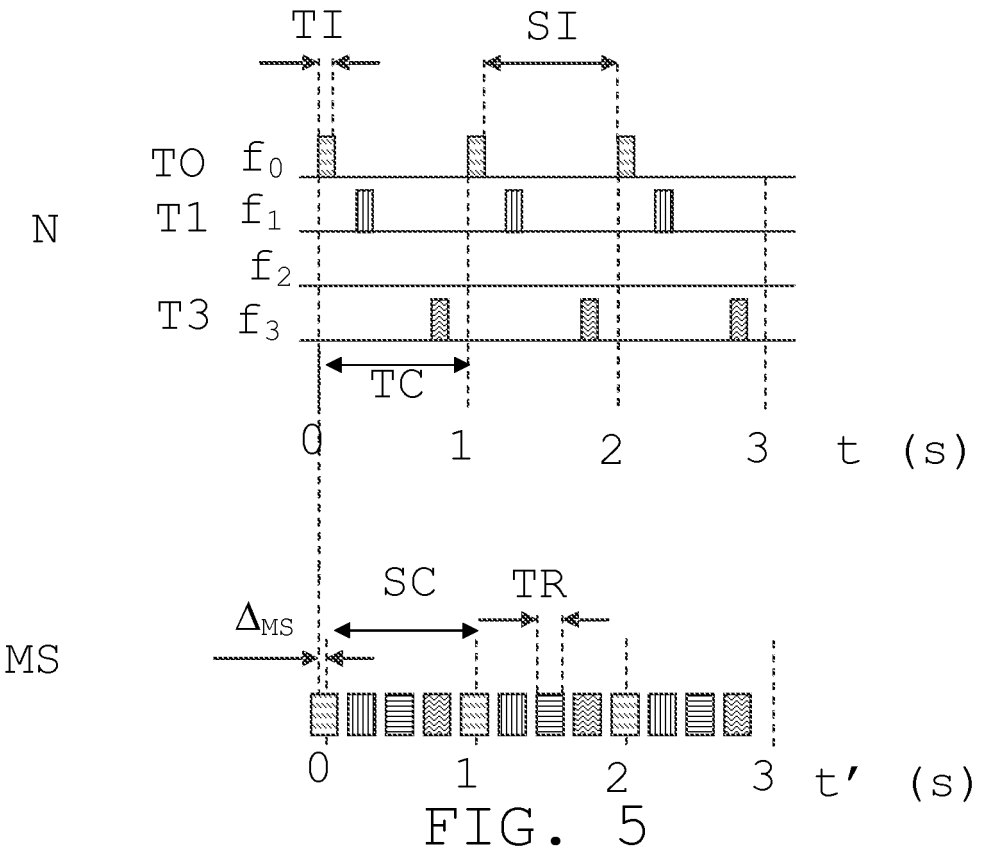

TI
SI
TO
T1
T3
N
f_0
f_1
f_2
f_3
TC
0
1
2
3
t (s)
SC
TR
Δ_{MS}
MS
0
1
2
3
t' (s)

FIG. 5

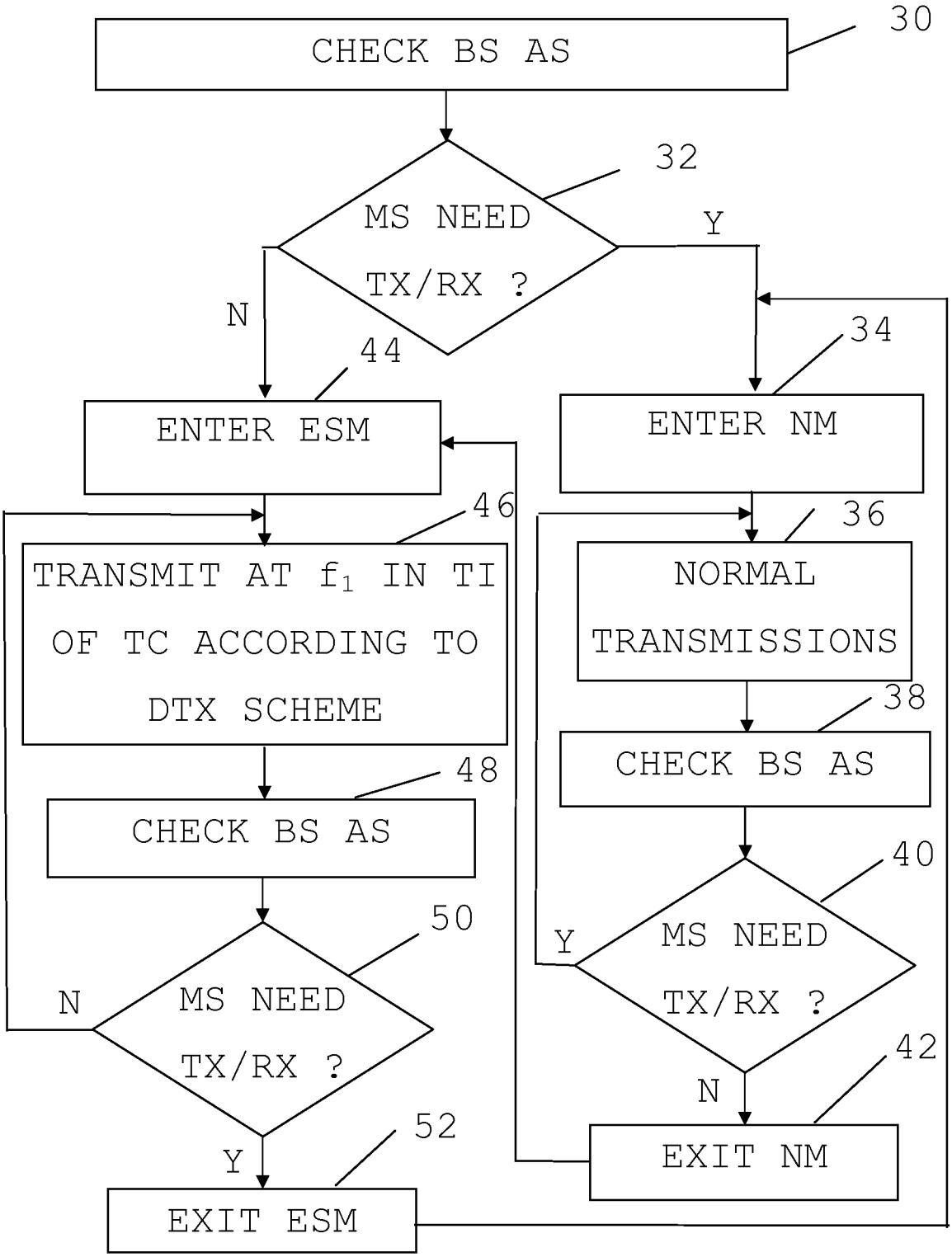

CHECK BS AS
30
MS NEED TX/RX ?
32
Y
N
ENTER ESM
44
ENTER NM
34
TRANSMIT AT f_1 IN TI OF TC ACCORDING TO DTX SCHEME
46
NORMAL TRANSMISSIONS
36
CHECK BS AS
48
CHECK BS AS
38
MS NEED TX/RX ?
50
MS NEED TX/RX ?
40
Y
N
EXIT NM
42
EXIT ESM
52

FIG. 4

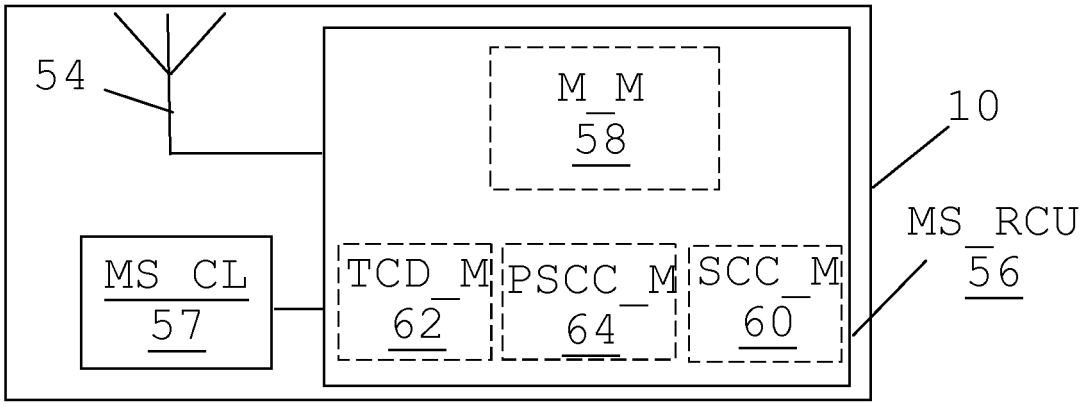


FIG. 6

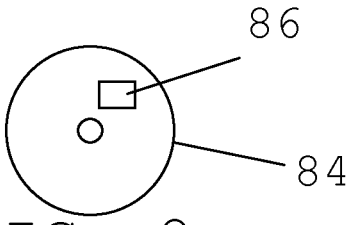


FIG. 8

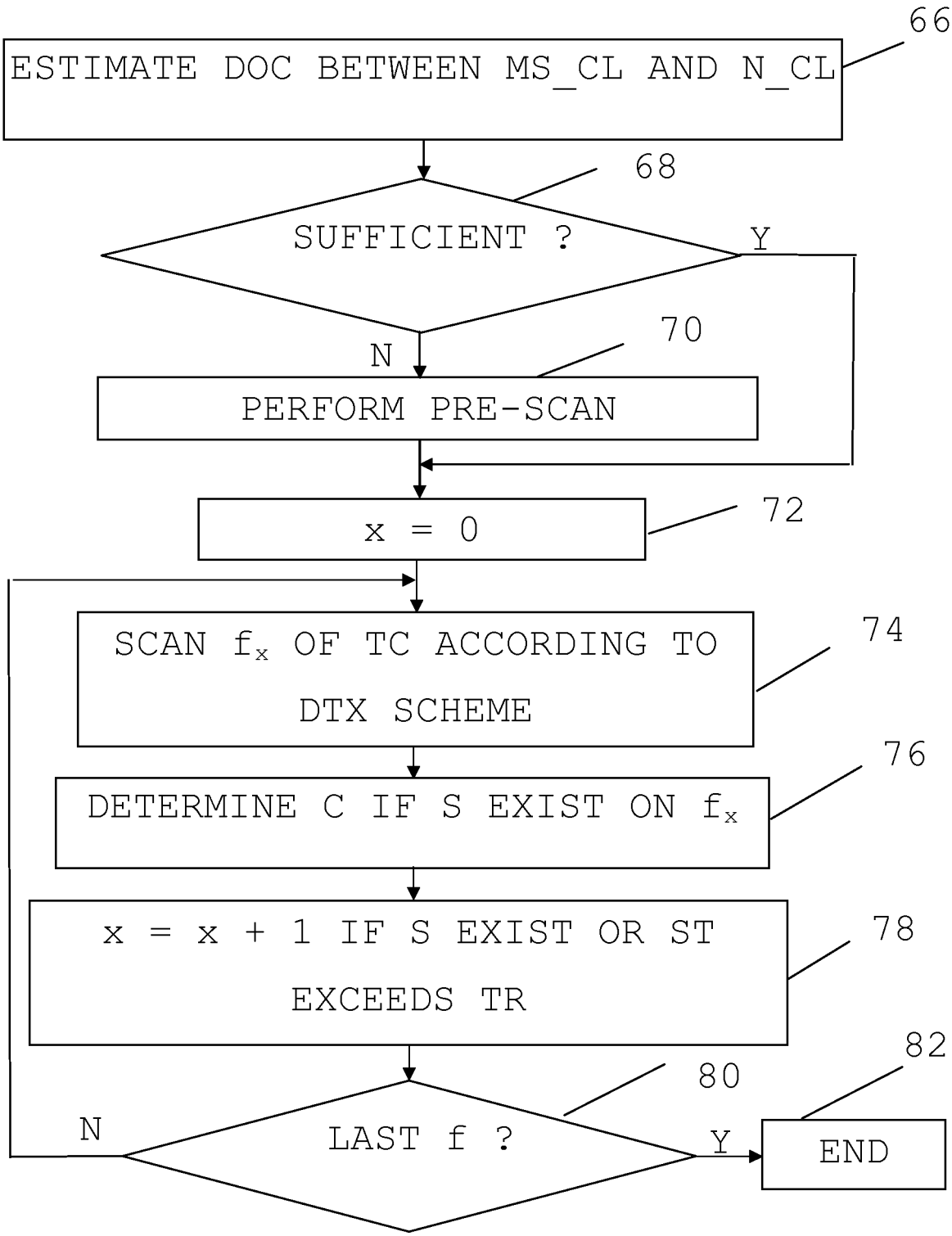

66
ESTIMATE DOC BETWEEN MS_CL AND N_CL
68
SUFFICIENT ?
Y
N
70
PERFORM PRE-SCAN
72
x = 0
74
SCAN f_x OF TC ACCORDING TO DTX SCHEME
76
DETERMINE C IF S EXIST ON f_x
78
x = x + 1 IF S EXIST OR ST EXCEEDS TR
80
LAST f ?
N
Y
82
END

FIG. 7