

FIG. 1

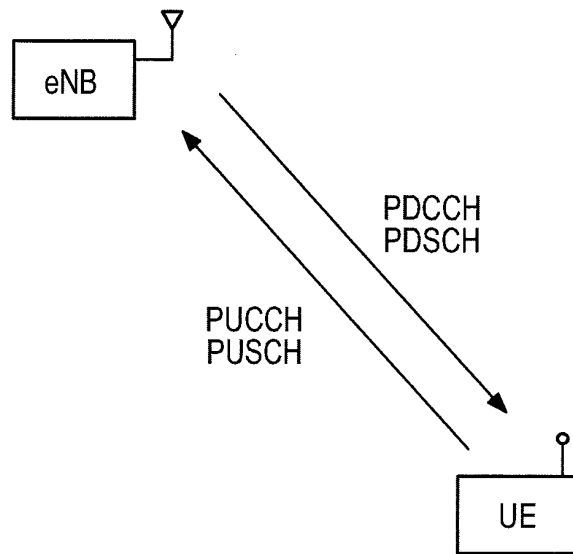
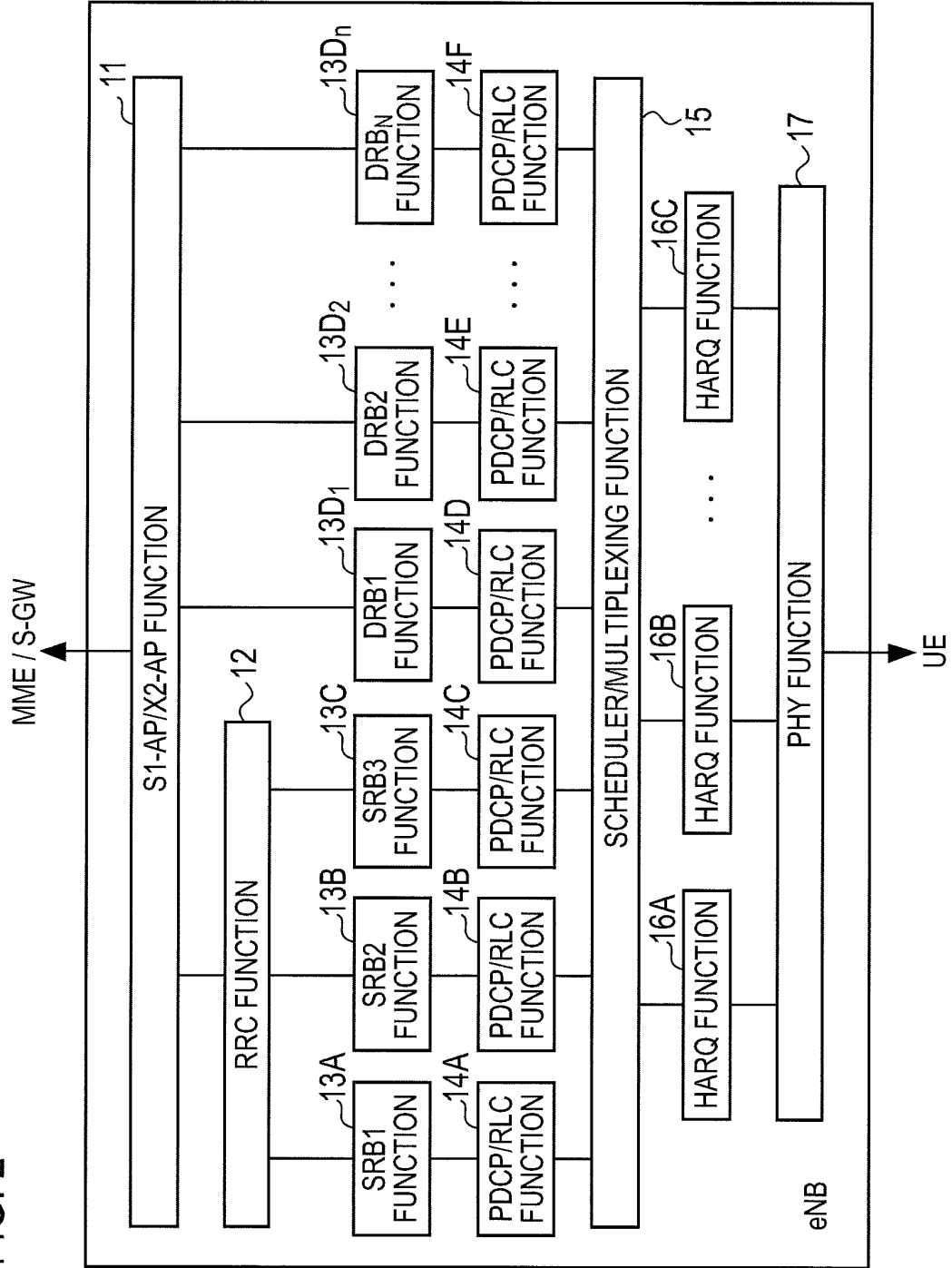


FIG. 2



ReportConfigEUTRA

The IE *ReportConfigEUTRA* specifies criteria for triggering of an E-UTRA measurement reporting event. The E-UTRA measurement reporting events are labelled AN with *N* equal to 1, 2 and so on.

- Event A1: Serving becomes better than absolute threshold;
- Event A2: Serving becomes worse than absolute threshold;
- Event A3: Neighbour becomes amount of offset better than serving;
- Event A4: Neighbour becomes better than absolute threshold;
- Event A5: Serving becomes worse than absolute threshold1 AND Neighbour becomes better than another absolute threshold2.

ReportConfigEUTRA information element

```
-- ASN1START

ReportConfigEUTRA ::=
    triggerType
    event
        eventId
            eventA1
                a1-Threshold
            },
            eventA2
                a2-Threshold
            },
            eventA3
                a3-Offset
                reportOnLeave
            },
            eventA4
                a4-Threshold
            },
            eventA5
                a5-Threshold1
                a5-Threshold2
            },
            ...
        },
        hysteresis
        timeToTrigger
    },
    periodical
    purpose

    },
    triggerQuantity
    reportQuantity
    maxReportCells
    reportInterval
    reportAmount
    ...,
    [[ si-RequestForHO-r9
reportCGI
    ue-RxTxTimeDiffPeriodical-r9
OR
    ]]
    mdt-Configuration-r10
MDT-Configuration-r10 ::=
    srbToUse
    ...
}

ThresholdEUTRA ::=
    threshold-RSRP
    threshold-RSRQ
}

-- ASN1STOP
```

```
SEQUENCE {
    CHOICE {
        SEQUENCE {
            CHOICE {
                SEQUENCE {
                    ThresholdEUTRA
                }
                SEQUENCE {
                    ThresholdEUTRA
                }
                SEQUENCE {
                    INTEGER (-30..30),
                    BOOLEAN
                }
                SEQUENCE {
                    ThresholdEUTRA
                }
                SEQUENCE {
                    ThresholdEUTRA,
                    ThresholdEUTRA
                }
            }
        }
        Hysteresis,
        TimeToTrigger
    }
    SEQUENCE {
        ENUMERATED {
            reportStrongestCells, reportCGI
        }
    }
    ENUMERATED {rsrp, rsrq},
    ENUMERATED {sameAsTriggerQuantity, both},
    INTEGER (1..maxCellReport),
    ReportInterval,
    ENUMERATED {d1, r2, r4, r8, r16, r32, r64, infinity}
    ENUMERATED {setup} OPTIONAL, -- Cond
    ENUMERATED {setup} OPTIONAL -- Need
}
MDT-Configuration-r10 MDT-Configuration-r10 OPTIONAL -- Need OR}

SEQUENCE {
    ENUMERATED {srb1, srb3}
}

CHOICE{
    RSRP-Range,
    RSRQ-Range
}
```

FIG. 4

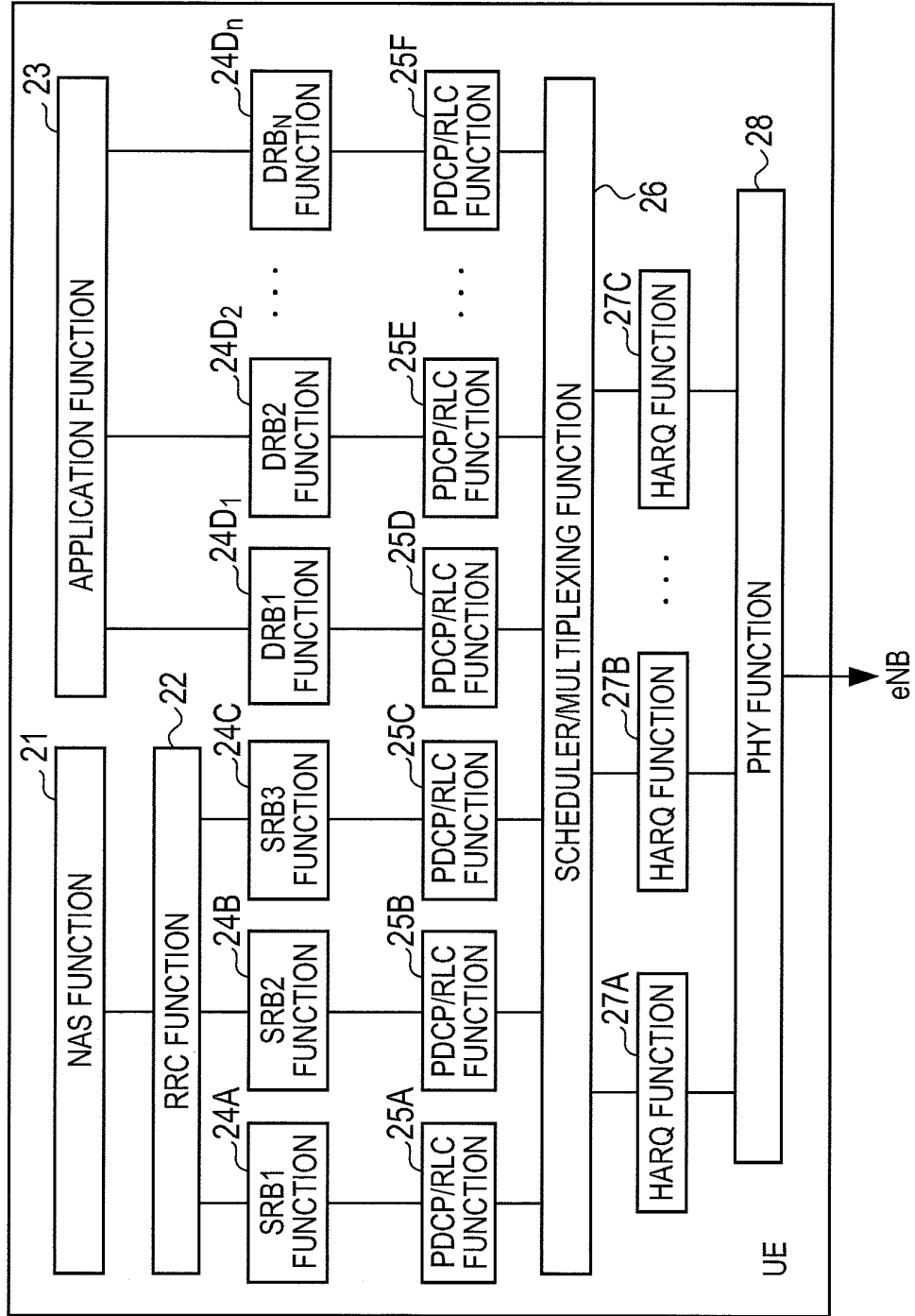


FIG. 5

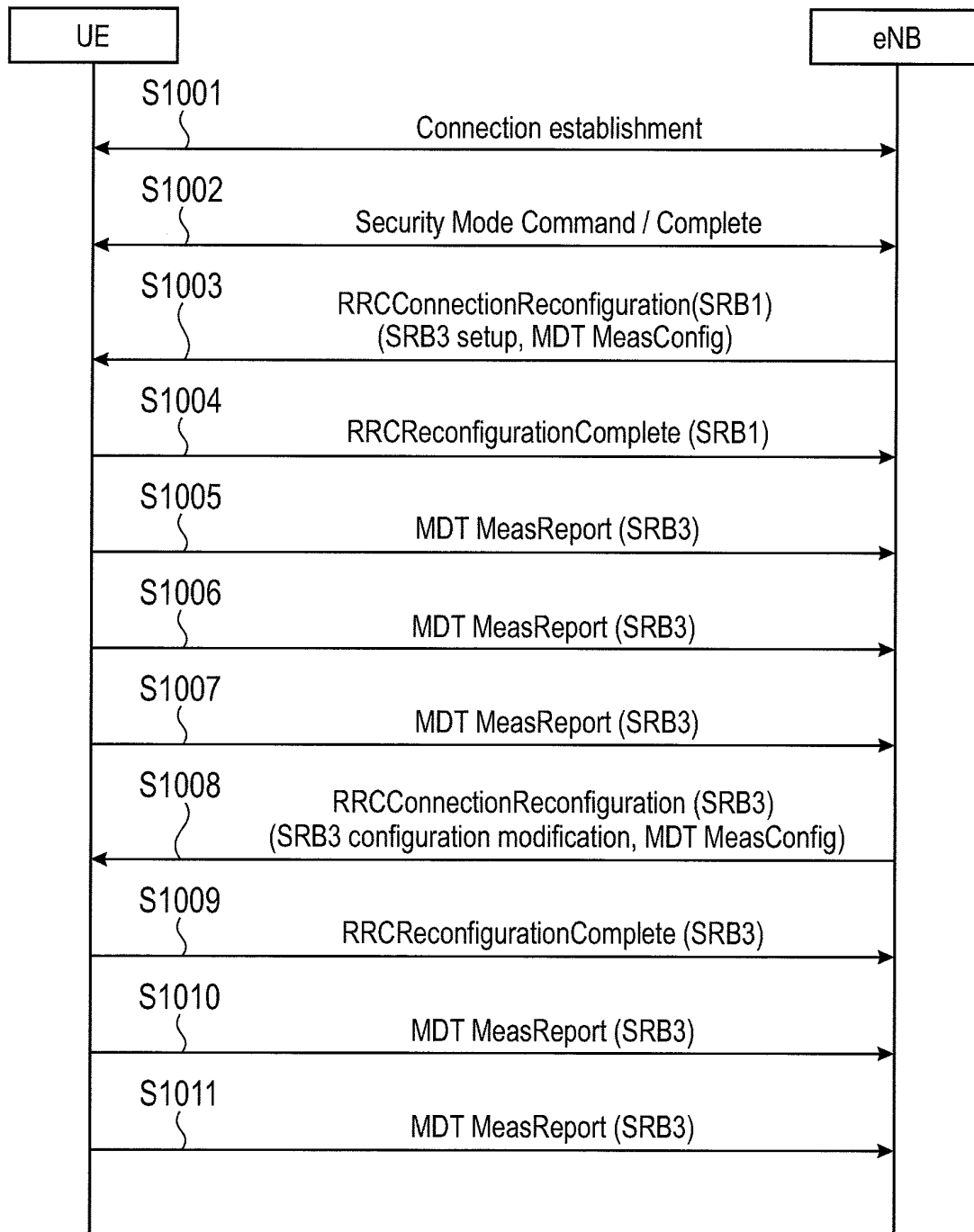


FIG. 6

