

[Feature Group Indicators] :

pc_FeatrGrp_1 : not support

- Intra-subframe frequency hopping for PUSCH scheduled by UL grant
- DCI format 3a (TPC commands for PUCCH and PUSCH with single bit power adjustments)
- PDSCH transmission mode 5
- Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-0 - UE selected subband CQI without PMI
- Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-2 - UE selected subband CQI with multiple PMI

pc_FeatrGrp_2 : not support

- Simultaneous CQI and ACK/NACK on PUCCH, i.e. PUCCH format 2a and 2b
- Absolute TPC command for PUSCH
- Resource allocation type 1 for PDSCH
- Periodic CQI/PMI/RI reporting on PUCCH: Mode 2-0 - UE selected subband CQI without PMI
- Periodic CQI/PMI/RI reporting on PUCCH: Mode 2-1 - UE selected subband CQI with single PMI

pc_FeatrGrp_3 : support

- 5bit RLC UM SN
- 7bit PDCP SN

pc_FeatrGrp_4 : not support

- Short DRX cycle

pc_FeatrGrp_5 : support

- Long DRX cycle
- DRX command MAC control element

pc_FeatrGrp_6 : support

- Prioritised bit rate

pc_FeatrGrp_7 : support

- RLC UM

pc_FeatrGrp_8 : support

- EUTRA RRC_CONNECTED to UTRA CELL_DCH PS handover

pc_FeatrGrp_9 : support

- EUTRA RRC_CONNECTED to GERAN GSM_Dedicated handover

pc_FeatrGrp_10 : not support

- EUTRA RRC_CONNECTED to GERAN (Packet_) Idle by Cell Change Order

- EUTRA RRC_CONNECTED to GERAN (Packet_) Idle by Cell Change Order with NACC (Network Assisted Cell Change)

pc_FeatrGrp_11 : not support

- EUTRA RRC_CONNECTED to CDMA2000 1xRTT CS Active handover

pc_FeatrGrp_12 : not support

- EUTRA RRC_CONNECTED to CDMA2000 HRPD Active handover

pc_FeatrGrp_13 : support

- Inter-frequency handover (within FDD or TDD)

pc_FeatrGrp_14 : support

- Measurement reporting event: Event A4 - Neighbour > threshold

- Measurement reporting event: Event A5 - Serving < threshold1 & Neighbour > threshold2

pc_FeatrGrp_15 : support

- Measurement reporting event: Event B1 - Neighbour > threshold

pc_FeatrGrp_16 : support

- non-ANR related intra-frequency periodical measurement reporting

- non-ANR related inter-frequency periodical measurement reporting, if the UE has set bit number 25 to 1; and

- non-ANR related inter-RAT periodical measurement reporting for UTRAN, GERAN, 1xRTT or HRPD, if the UE has set bit number 22, 23, 24 or 26 to 1, respectively.

pc_FeatrGrp_17 : support

- Periodical measurement reporting for SON / ANR

- ANR related intra-frequency measurement reporting events

pc_FeatrGrp_18 : support

- ANR related inter-frequency measurement reporting events

pc_FeatrGrp_19 : support

- ANR related inter-RAT measurement reporting events

pc_FeatrGrp_20 : support

If bit number 7 is set to 0:

- SRB1 and SRB2 for DCCH + 8x AM DRB

If bit number 7 is set to 1:

- SRB1 and SRB2 for DCCH + 8x AM DRB

- SRB1 and SRB2 for DCCH + 5x AM DRB + 3x UM DRB

pc_FeatrGrp_21 : not support

- Predefined intra- and inter-subframe frequency hopping for PUSCH with $N_{sb} > 1$

- Predefined inter-subframe frequency hopping for PUSCH with $N_{sb} > 1$

pc_FeatrGrp_22 : support

- UTRAN measurements, reporting and measurement reporting event B2 in E-UTRA connected mode

pc_FeatrGrp_23 : support

- GERAN measurements, reporting and measurement reporting event B2 in E-UTRA connected mode

pc_FeatrGrp_24 : not support

- 1xRTT measurements, reporting and measurement reporting event B2 in E-UTRA connected mode

pc_FeatrGrp_25 : support

- Inter-frequency measurements and reporting in E-UTRA connected mode

pc_FeatrGrp_26 : not support

- HRPD measurements, reporting and measurement reporting event B2 in E-UTRA connected mode

pc_FeatrGrp_27 : support

- E-UTRA RRC_CONNECTED to UTRA CELL_DCH CS handover

pc_FeatrGrp_28 : support

- TTI bundling

pc_FeatrGrp_29 : support

- Semi-Persistent Scheduling

pc_FeatrGrp_30 : support

- Handover between FDD and TDD

pc_FeatrGrp_31 : not support

- Multi Frequency Band Information (MFBI)

[Feature Group Indicators Rel9 Add] :

pc_FeatrGrp_33 : not support

Inter-RAT ANR features for UTRAN FDD including:

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportStrongestCellsForSON

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportCGI

pc_FeatrGrp_34 : not support

Inter-RAT ANR features for GERAN including:

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportStrongestCells

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportCGI

pc_FeatrGrp_35 : support

Inter-RAT ANR features for 1xRTT including:

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportStrongestCellsForSON

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportCGI

pc_FeatrGrp_36 : support

Inter-RAT ANR features for HRPD including:

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportStrongestCellsForSON

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportCGI

pc_FeatrGrp_37 : not support

Inter-RAT ANR features for UTRAN TDD including:

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportStrongestCellsForSON

- Inter-RAT periodical measurement reporting where triggerType is set to periodical and purpose is set to reportCGI

pc_FeatrGrp_38 : not support

- EUTRA RRC_CONNECTED to UTRA TDD CELL_DCH PS handover, if the UE supports both UTRAN FDD and UTRAN TDD

pc_FeatrGrp_39 : not support

- UTRAN TDD measurements, reporting and measurement reporting event B2 in E-UTRA connected mode, if the UE supports both UTRAN FDD and UTRAN TDD

pc_FeatrGrp_40 : not support

- EUTRA RRC_CONNECTED to UTRA TDD CELL_DCH CS handover, if the UE supports both UTRAN FDD and UTRAN TDD

pc_FeatrGrp_41 : not support

Measurement reporting event: Event B1 Neighbour > threshold for UTRAN FDD, if the UE supports UTRAN FDD and has set bit number 22 to 1

pc_FeatrGrp_42 : not support

- DCI format 3a (TPC commands for PUCCH and PUSCH with single bit power adjustments)

[Feature Group Indicators Rel10 Add] :

pc_FeatrGrp_101 : not support

- DMRS with OCC (orthogonal cover code) and SGH (sequence group hopping) disabling

pc_FeatrGrp_102 : not support

- Trigger type 1 SRS (aperiodic SRS) transmission (Up to X ports)

NOTE: X = number of supported layers on given band

pc_FeatrGrp_103 : not support

- PDSCH transmission mode 9 when up to 4 CSI reference signal ports are configured

pc_FeatrGrp_104 : not support

- PDSCH transmission mode 9 for TDD when 8 CSI reference signal ports are configured

pc_FeatrGrp_105 : not support

- Periodic CQI/PMI/RI reporting on PUCCH: Mode 2-0

UE selected subband CQI without PMI, when PDSCH transmission mode 9 is configured

- Periodic CQI/PMI/RI reporting on PUCCH: Mode 2-1

UE selected subband CQI with single PMI, when PDSCH transmission mode 9 and up to 4 CSI reference signal ports are configured

pc_FeatrGrp_106 : not support

- Periodic CQI/PMI/RI/PTI reporting on PUCCH: Mode 2-1

UE selected subband CQI with single PMI, when PDSCH transmission mode 9 and 8 CSI reference signal ports are configured

pc_FeatrGrp_107 : not support

- Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-0

UE selected subband CQI without PMI, when PDSCH transmission mode 9 is configured

- Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-2

UE selected subband CQI with multiple PMI, when PDSCH transmission mode 9 and up to 4 CSI reference signal ports are configured

pc_FeatrGrp_108 : not support

- Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-2

UE selected subband CQI with multiple PMI, when PDSCH transmission mode 9 and 8 CSI reference signal ports are configured

pc_FeatrGrp_109 : not support

- Periodic CQI/PMI/RI reporting on PUCCH Mode 1-1, submode 1

pc_FeatrGrp_110 : not support

- Periodic CQI/PMI/RI reporting on PUCCH Mode 1-1, submode 2

pc_FeatrGrp_111 : not support

- Measurement reporting trigger Event A6

pc_FeatrGrp_112 : not support

- SCell addition within the Handover to EUTRA procedure

pc_FeatrGrp_113 : not support

- Trigger type 0 SRS (periodic SRS) transmission on X Serving Cells

NOTE: X = number of supported component carriers in a given band combination

pc_FeatrGrp_114 : support

- Reporting of both UTRA CPICH RSCP and E_c/N_0 in a Measurement Report

pc_FeatrGrp_115 : not support

- time domain ICIC RLM/RRM measurement subframe restriction for the serving cell
- time domain ICIC RRM measurement subframe restriction for neighbour cells
- time domain ICIC CSI measurement subframe restriction

pc_FeatrGrp_116 : not support