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Universal Mobile Telecommunications System (UMTS);
Typical examples of Radio Access Bearers (RABs)
and Radio Bearers (RBs) supported
by Universal Terrestrial Radio Access (UTRA)
(*3GPP TR 25.993 version 14.0.0 Release 14*)

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7.4.14 RB for Streaming / unknown / UL:16 DL: [max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + RB for Interactive or background / UL:128 DL:[max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 272
7.4.15 RB for Streaming / unknown / UL:64 DL: [max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + RB for Interactive or background / UL:128 DL: [max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 274
7.4.16 RB for Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + RB for Streaming / unknown / UL:16 DL: [max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + RB for Interactive or background / UL:128 DL: [max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 276
7.4.16a RB for Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + RB for Streaming / unknown / UL:16 DL: [max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + RB for Interactive or background / UL:128 DL: [max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 279
7.4.17 RB for Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + RB for Streaming / unknown / UL:128 DL: [max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + RB for Interactive or background / UL:128 DL: [max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 280
7.4.17a RB for Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + RB for Streaming / unknown / UL:128 DL: [max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + RB for Interactive or background / UL:128 DL: [max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 285
7.4.18 RB for Streaming / unknown / UL:64 DL: [max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 286
7.4.19 RB for Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + RB for Interactive or background / UL:64 DL:[max bit rate depending on the UE category & RAB max. bitrate] / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH 287
7.4.20 RB for Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + RB for Interactive or background / UL:64 DL:[max bit rate depending on the UE category & RAB max. bitrate] / PS RAB + RB for Interactive or background / UL:64 DL:[max bit rate depending on the UE category & RAB max. bitrate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 288

7.4.21 RB for Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + RB for Interactive or background / UL:64 DL:[max bit rate depending on the UE category & RAB max. bitrate] / PS RAB + RB for Interactive or background / UL:64 DL:[max bit rate depending on the UE category & RAB max. bitrate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 289
7.4.22 Conversational / unknown / UL:38.8 kbps DL:[max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + interactive / background UL: 16 kbps DL:[max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + interactive / background UL: 16 kbps DL:[max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. 290
7.4.23 Conversational / unknown / UL:16.8 kbps DL:[max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + interactive / background UL: 16 kbps DL:[max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + interactive / background UL: 16 kbps DL:[max bit rate depending on UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. 292
7.4.24 Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Interactive or Background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH 294
7.4.25 RB for Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Interactive or Background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH 295
7.4.26 RB for Interactive or background / UL:64 DL:[Bit rate depending on the UE category & RAB maximum bit rate] / PS RAB + UL:6.8 DL:6.8 kbps SRBs for DCCH 296
7.4.27 RB for Interactive or background / UL:384 DL:[Bit rate depending on the UE category & RAB maximum bit rate] / PS RAB + UL:6.8 DL:6.8 kbps SRBs for DCCH 296
7.4.28 RB for Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + RB for Interactive or Background / UL:64 DL:[Bit rate depending on the UE category & RAB maximum bit rate] / PS RAB + RB for Interactive or Background / UL:64 DL:[Bit rate depending on the UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH 297
7.4.29 RB for Interactive or background / UL:128 DL:[Bit rate depending on the UE category & RAB maximum bit rate] / PS RAB + RB for Interactive or background / UL:128 DL:[Bit rate depending on the UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 301
7.4.30 RB for Interactive or background / UL:16 DL:[Bit rate depending on the UE category & RAB maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 301
7.4.31 RB for Streaming MBMS PTP / unkown / UL:16 DL:[max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 302
7.4.32 RB for Streaming MBMS PTP / unkown / UL:16 DL:[max bit rate depending on UE category & RAB guaranteed/maximum bit rate] / PS RAB + RB for Interactive or background / UL:64 DL:[max bit rate depending on UE category & RAB maximum bitrate] / PS RAB + RB for Interactive or background / UL:64 DL:[max bit rate depending on UE category & RAB maximum bitrate] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 303
7.4.33 RB for Conversational / speech / UL: (EVS 8 7.2 5.9 – AMR-WB IO 6.6) DL: (EVS 8 7.2 5.9 – AMR-WB IO 6.6) kbps / CS RAB + Interactive or background / UL:8 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 304
7.4.33.1 Uplink 304
7.4.33.2 Downlink 304
7.4.33.2.1 Transport channel parameters 304
7.4.33.2.2 Physical channel parameters 304
7.4.34 RB for Conversational / speech / UL: (EVS 13.2 9.6 – AMR-WB IO 12.65 8.85 6.6) DL: (EVS 13.2 9.6 – AMR-WB IO 12.65 8.85 6.6) kbps / CS RAB + Interactive or background / UL:8 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 304
7.4.34.1 Uplink 304
7.4.34.2 Downlink 305
7.4.34.2.1 Transport channel parameters 305
7.4.34.2.2 Physical channel parameters 305
7.4.35 RB for Conversational / speech / UL: (EVS 13.2 9.6 8 7.2 5.9 – AMR-WB IO 12.65 8.85 6.6) DL: (EVS 13.2 9.6 8 7.2 5.9 – AMR-WB IO 12.65 8.85 6.6) kbps / CS RAB + Interactive or background / UL:8 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 305
7.4.35.1 Uplink 305
7.4.35.1.1 Transport channel parameters for Interactive or background / UL:8 kbps / PS RAB 305
7.4.35.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH 305

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7.4.35.2 Downlink 306
7.4.35.2.1 Transport channel parameters 306
7.4.35.2.2 Physical channel parameters 306
7.4.36 RB for Conversational / speech / UL: (EVS 24.4 16.4 13.2 9.6 8 7.2 5.9 – AMR-WB IO 12.65 8.85 6.6) DL: (EVS 24.4 16.4 13.2 9.6 8 7.2 5.9 – AMR-WB IO 12.65 8.85 6.6) kbps / CS RAB + Interactive or background / UL:8 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 307
7.4.36.1 Uplink 307
7.4.36.2 Downlink 307
7.4.36.2.1 Transport channel parameters 307
7.4.36.2.2 Physical channel parameters 307
7.4.37 RB for Conversational / speech / UL: (EVS 8 7.2 5.9 – AMR-WB IO 6.6) DL: (EVS 8 7.2 5.9 – AMR-WB IO 6.6) kbps / CS RAB + Interactive or background / UL:16 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 307
7.4.37.1 Uplink 307
7.4.37.1.1 Transport channel parameters 307
7.4.37.1.1.4 TFCS 308
7.4.37.1.2 Physical channel parameters 308
7.4.37.2 Downlink 308
7.4.37.2.1 Transport channel parameters 308
7.4.37.2.2 Physical channel parameters 308
7.4.38 RB for Conversational / speech / UL: (EVS 13.2 9.6 – AMR-WB IO 12.65 8.85 6.6) DL: (EVS 13.2 9.6 – AMR-WB IO 12.65 8.85 6.6) kbps / CS RAB + Interactive or background / UL:16 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 309
7.4.38.1 Uplink 309
7.4.38.1.1 Transport channel parameters 309
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7.4.38.2 Downlink 310
7.4.38.2.1 Transport channel parameters 310
7.4.38.2.2 Physical channel parameters 310
7.4.39 RB for Conversational / speech / UL: (EVS 13.2 9.6 8 7.2 5.9 – AMR-WB IO 12.65 8.85 6.6) DL: (EVS 13.2 9.6 8 7.2 5.9 – AMR-WB IO 12.65 8.85 6.6) kbps / CS RAB + Interactive or background / UL:16 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 310
7.4.39.1 Uplink 310
7.4.39.1.1 Transport channel parameters 310
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7.4.39.2 Downlink 311
7.4.39.2.1 Transport channel parameters 311
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7.4.40 RB for Conversational / speech / UL: (EVS 24.4 16.4 13.2 9.6 8 7.2 5.9 – AMR-WB IO 12.65 8.85 6.6) DL: (EVS 24.4 16.4 13.2 9.6 8 7.2 5.9 – AMR-WB IO 12.65 8.85 6.6) kbps / CS RAB + Interactive or background / UL:16 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 312
7.4.40.1 Uplink 312
7.4.40.1.1 Transport channel parameters 312
7.4.40.1.2 Physical channel parameters 313
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7.4.40.2.1 Transport channel parameters 313
7.4.40.2.2 Physical channel parameters 313
7.5 Radio Bearer and Radio Bearer Combinations on E-DPDCH and HS-PDSCH 313
7.5.1 RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 313
7.5.2 RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL on DCH 314
7.5.3 RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH 315

7.5.4 RB for Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 316
7.5.5 Streaming / unknown / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH 316
7.5.6 Streaming / unknown / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 317
7.5.7 Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH + DL:0.15 kbps SRB#5 for DCCH 318
7.5.8 Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 319
7.5.9 Conversational / speech / UL:(5.9, 4.75) DL:(5.9, 4.75) kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 320
7.5.10 UL: [max bit rate depending on UE category and TTI] on E-DCH DL : [max bit rate depending on UE category] on HS-DSCH SRBs for DCCH 320
7.5.11 RB for interactive or background / UL: [max bitrate depending on UE category and TTI] on E-DCH DL: [max bitrate depending on UE category] on HS-DSCH / PS RAB + UL: [max bitrate depending on UE category and TTI] on E-DCH DL : [max bit rate depending on UE category] on HS-DSCH SRBs for DCCH 322
7.5.12 RB for Conversational / unknown UL: [max bitrate depending on UE category and TTI] on E-DCH DL: [max bitrate depending on UE category] on HS-DSCH / PS RAB + RB for interactive or background / UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bitrate depending on UE category] on HS-DSCH / PS RAB + RB for interactive or background / UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bitrate depending on UE category] on HS-DSCH / PS RAB + UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bit rate depending on UE category] on HS-DSCH SRBs for DCCH 323
7.5.13 RB for Conversational / Unknown UL: [max bitrate depending on UE category and TTI] on E-DCH DL: [max bitrate depending on UE category] on HS-DSCH / PS RAB + RB for interactive or background / UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bitrate depending on UE category] on HS-DSCH / PS RAB + UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bit rate depending on UE category] on HS-DSCH SRBs for DCCH 324
7.5.14 RB for Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 325
7.5.14a RB for Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 326
7.5.15 RB for Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH + DL:0.15 kbps SRB#5 for DCCH 327
7.5.16 RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 328

7.5.17 RB for Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + RB for Streaming / unknown / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 329
7.5.17a RB for Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + RB for Streaming / unknown / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 330
7.5.18 RB for Conversational / Speech UL: [max bitrate depending on UE category and TTI] on E-DCH DL: [max bitrate depending on UE category] on HS-DSCH / PS RAB + RB for Conversational / Unknown UL: [max bitrate depending on UE category and TTI] on E-DCH DL: [max bitrate depending on UE category] on HS-DSCH / PS RAB + RB for interactive or background / UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bitrate depending on UE category] on HS-DSCH / PS RAB + RB for interactive or background / UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bitrate depending on UE category] on HS-DSCH / PS RAB + UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bit rate depending on UE category] on HS-DSCH SRBs for DCCH 331
7.5.19 RB for Conversational / Speech UL: [max bitrate depending on UE category and TTI] on E-DCH DL: [max bitrate depending on UE category] on HS-DSCH / PS RAB + RB for Conversational / Unknown UL: [max bitrate depending on UE category and TTI] on E-DCH DL: [max bitrate depending on UE category] on HS-DSCH / PS RAB + RB for interactive or background / UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bitrate depending on UE category] on HS-DSCH / PS RAB + UL : [max bitrate depending on UE category and TTI] on E-DCH DL : [max bit rate depending on UE category] on HS-DSCH SRBs for DCCH 332
7.5.20 RB for Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 333
7.5.21 RB for Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 334
7.5.22 RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 335
7.5.23 RB for Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 336
7.5.23a RB for Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 337
7.5.24 RB for Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 338

7.5.25 RB for Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + RB for Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH 339
7.5.26 UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH + DCH 3.4kbps..... 340
7.5.27 Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:13.6 DL:13.6kbps SRBs for DCCH on DCH..... 342
7.5.28 Conversational / speech / UL: 12.2 kbps DL: 12.2 kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH..... 342
7.5.29 Conversational / speech / UL:(5.9, 4.75) kbps DL: (5.9, 4.75) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH..... 344
7.5.30 Conversational / speech / UL:(12.2, 7.95, 5.9, 4.75) kbps DL: (12.2, 7.95, 5.9, 4.75) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH 346
7.5.30a Conversational / speech / UL:(12.2, 7.4, 5.9, 4.75) kbps DL: (12.2, 7.4, 5.9, 4.75) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH 348
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Foreword

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1 Scope

The present document provides a list of examples of RABs and RAB combinations which are supported by UTRA with examples of radio interface mapping for these RABs onto Radio Bearers and Signalling Radio Bearers.

This list of examples describes typical parameters, and should only be understood as possible configurations i.e. any other configuration supported by the Core Specifications and consistent with a given UE capability shall also be supported by this UE.

The present document addresses the FDD mode as well as the TDD mode.

This report is a release independent report. This means that the latest release applicable to 3GPP is the reference that this TR is defined upon, and contains information on all previous releases. Actual release where a given example applies is indicated in the relevant section.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TS 34.108: "Common Test Environments for User Equipment (UE) Conformance Testing"

[2] 3GPP TS 23.107: "Quality of Service (QoS) concept and architecture".

[3] 3GPP TS 25.212: "Multiplexing and channel coding (FDD)".

[4] 3GPP TS 25.322: "RLC Protocol Specification".

[5] 3GPP TS 25.323: "PDCP Protocol Specification".

[6] 3GPP TS 25.331: "Radio Resource Control (RRC); protocol specification".

[7] IETF RFC 2507: "IP Header Compression".

[8] 3GPP TS 25.306: "UE Radio Access Capabilities"

[9] IETF RFC 3095: "RObust Header Compression (ROHC): Framework and four profiles: RTP, UDP, ESP, and uncompressed".

[10] 3GPP TS 26.236: "Packet switched conversational multimedia applications; Transport protocols"

[11] 3GPP TS 26.234: "Transparent end-to-end packet switched streaming service (PSS); Protocols and codecs"

[12] IETF RFC1889: "RTP: A Transport Protocol for Real-Time Applications"

[13] IETF RFC3267: "Real-Time Transport Protocol (RTP) Payload Format and File Storage Format for the Adaptive Multi-Rate (AMR) and Adaptive Multi-Rate Wideband (AMR-WB) Audio Codecs"

[14] 3GPP TR 26.937: "Transparent end-to-end packet switched streaming service (PSS); RTP usage model"

[15] 3GPP TS 26.235: "Packet switched conversational multimedia applications; Default codecs"