Session key: pdcp-bearer::0x4601|1 (pdcp-bearer)

📱 UE	📡 gNB

📁 **moto_edge_30_pro.pcap**

🔼 UL PDCP SN=0

🆔 RNTI	0x4601
📡 PHR Type2 other-cell	False
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🛡️ MAC-I	0x00000000 [Matches calculated result]
📊 BSR LCG0 idx	0
📶 PHR	-8 dB <= PH < -7 dB [idx 25]
🔋 Pcmax	11 dBm <= Pcmax,f,c < 12 dBm [idx 41]

💡 [Frame 3] UL PDCP PDU — UE→gNB on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=0

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🛡️ MAC-I	0xc3008ee7 (but calculated 0x00000000!)
❌ MAC-I check	wrong (calc=00000000, got=c3008ee7)

💡 [Frame 5] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔼 UL PDCP SN=1

🆔 RNTI	0x4601
📡 PHR Type2 other-cell	False
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	1
🔁 Prev frame	3
🛡️ MAC-I	0xa193b8dd
📊 BSR LCG0 idx	0
📶 PHR	-2 dB <= PH < -1 dB [idx 31]
🔋 Pcmax	11 dBm <= Pcmax,f,c < 12 dBm [idx 41]

💡 [Frame 6] UL PDCP PDU — UE→gNB on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=1

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	1
🔁 Prev frame	5
🛡️ MAC-I	0x99b63be3

💡 [Frame 8] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔼 UL PDCP SN=2

🆔 RNTI	0x4601
📡 PHR Type2 other-cell	False
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	2
🔁 Prev frame	6
🛡️ MAC-I	0x25e758da
📊 BSR LCG0 idx	0
📶 PHR	-2 dB <= PH < -1 dB [idx 31]
🔋 Pcmax	11 dBm <= Pcmax,f,c < 12 dBm [idx 41]

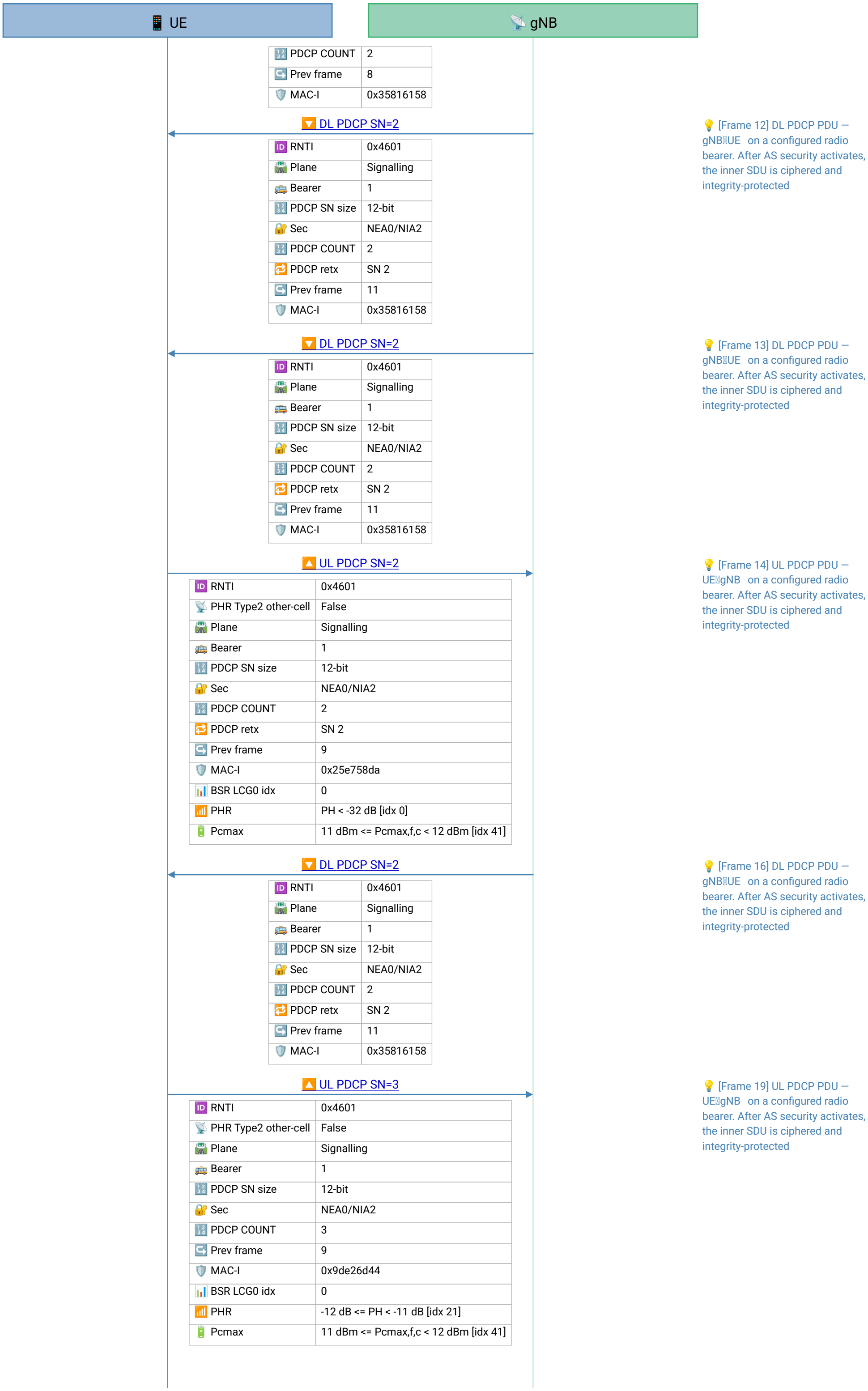
💡 [Frame 9] UL PDCP PDU — UE→gNB on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=2

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2

💡 [Frame 11] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

Session key: pdcp-bearer::0x4601|1 (pdcp-bearer)



Session key: pdcp-bearer::0x4601|1 (pdcp-bearer)

📱 UE	📡 gNB

🔽 DL PDCP SN=3

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	3
🔁 Prev frame	11
🛡️ MAC-I	0xa45bc352

💡 [Frame 21] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=3

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	3
🔂 PDCP retx	SN 3
🔁 Prev frame	21
🛡️ MAC-I	0xa45bc352

💡 [Frame 22] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔼 UL PDCP SN=4

🆔 RNTI	0x4601
📡 PHR Type2 other-cell	False
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	4
🔁 Prev frame	19
🛡️ MAC-I	0xdeb75303

💡 [Frame 24] UL PDCP PDU — UE→gNB on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=4

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	4
🔁 Prev frame	21
🛡️ MAC-I	0x2a0c3526

💡 [Frame 26] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=4

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	4
🔂 PDCP retx	SN 4
🔁 Prev frame	26
🛡️ MAC-I	0x2a0c3526

💡 [Frame 29] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔼 UL PDCP SN=5

🆔 RNTI	0x4601
📡 PHR Type2 other-cell	False
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	5
🔁 Prev frame	24
🛡️ MAC-I	0xa431438d
📊 BSR LCG0 idx	0
📶 PHR	-2 dB <= PH < -1 dB [idx 31]
🔋 Pcmax	11 dBm <= Pcmax,f,c < 12 dBm [idx 41]

💡 [Frame 30] UL PDCP PDU — UE→gNB on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

Session key: pdcp-bearer::0x4601|1 (pdcp-bearer)

📱 UE	📡 gNB

🔼 UL PDCP SN=6

🆔 RNTI	0x4601
📡 PHR Type2 other-cell	False
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	6
↪️ Prev frame	30
🛡️ MAC-I	0xf39b29d2
📊 BSR LCG0 idx	0
📶 PHR	-6 dB <= PH < -5 dB [idx 27]
🔋 Pcmax	11 dBm <= Pcmax,f,c < 12 dBm [idx 41]

💡 [Frame 53] UL PDCP PDU — UE→gNB on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=5

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	5
↪️ Prev frame	26
🛡️ MAC-I	0x503139b2

💡 [Frame 55] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔼 UL PDCP SN=7

🆔 RNTI	0x4601
📡 PHR Type2 other-cell	False
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	7
↪️ Prev frame	53
🛡️ MAC-I	0xe91a8d1b
📊 BSR LCG0 idx	0
📶 PHR	-6 dB <= PH < -5 dB [idx 27]
🔋 Pcmax	11 dBm <= Pcmax,f,c < 12 dBm [idx 41]

💡 [Frame 56] UL PDCP PDU — UE→gNB on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=6

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	6
↪️ Prev frame	55
🛡️ MAC-I	0xeacb8577

💡 [Frame 58] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=6

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	6
🔁 PDCP retx	SN 6
↪️ Prev frame	58
🛡️ MAC-I	0xeacb8577

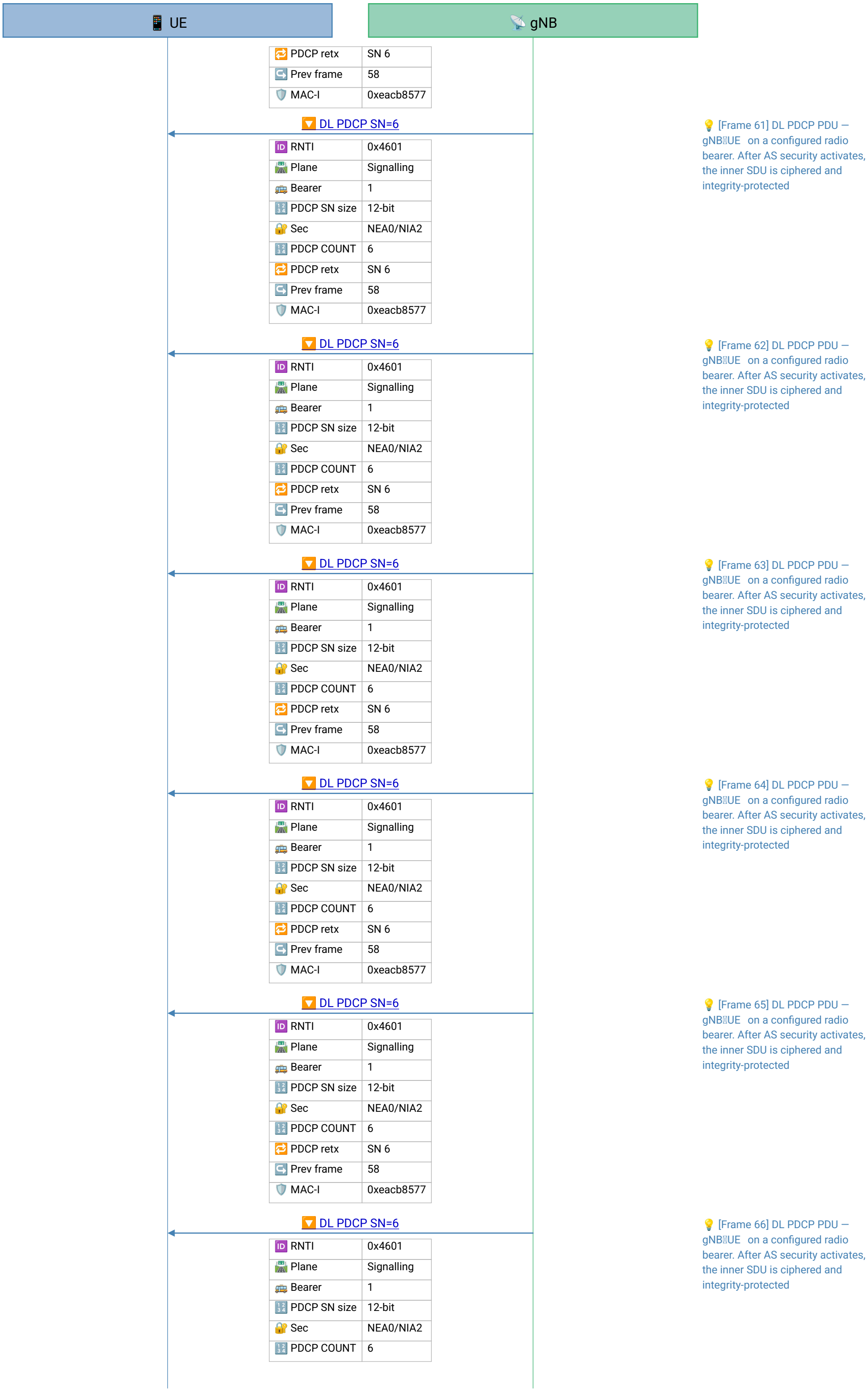
💡 [Frame 59] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

🔽 DL PDCP SN=6

🆔 RNTI	0x4601
🛣️ Plane	Signalling
🚌 Bearer	1
🔢 PDCP SN size	12-bit
🔐 Sec	NEA0/NIA2
🔢 PDCP COUNT	6

💡 [Frame 60] DL PDCP PDU — gNB→UE on a configured radio bearer. After AS security activates, the inner SDU is ciphered and integrity-protected

Session key: pdcp-bearer::0x4601|1 (pdcp-bearer)



Session key: pdcp-bearer::0x4601|1 (pdcp-bearer)

Session Result: incomplete - mid-capture (duration: 5.453s)