Baseband (BB)

***Bluetooth*® Implementation Conformance Statement (ICS) Proforma**

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1 General principles

1.1 Implementation Under Test (IUT) identification

Using the Bluetooth SIG qualification tool, the implementer is expected to declare details about what will be implemented.

1.2 Enforcement of inter-layer dependencies

This ICS includes one or more tables with inter-layer dependencies (ILDs). ILDs are used for specification requirements that are dependent on other supporting specifications. ILDs can refer to an individual ICS item in a separate layer (individual ILD), or it can refer to the full layer (full-layer ILD).

ILDs residing in an X2Core layer will be enforced from the Bluetooth SIG qualification tool in the following conditions, depending on where the referred ILD is residing:

Referred ILD resides in	Individual ILD	Full-layer ILD
Controller layer	Core-Complete configuration, or Referred layer is supported	N/A
Lower HCI layer	HCI is supported	N/A
Upper HCI layer	Core-Host configuration, or UHCI is supported	N/A
Host layer	Core-Host configuration, or Core-Complete configuration, or Referred layer is supported	N/A
X2Core layer	Core-Host configuration, or Core-Complete configuration, or Referred layer is supported	Core-Host configuration, or Core-Complete configuration

Table 1.1: Enforcement of an ILD within the Bluetooth SIG qualification tool

2 ICS declarations

2.1 Capability Statement

2.1.1 Physical Channel

Table 1: Physical Channel

Item	Capability	Reference	Status
1	Frequency band and 79 RF channels	[1] 2.1	M
2	Adaptive Frequency Hopping Kernel	[1] 2.6	M

Table 1a: Modulation

Item	Capability	Reference	Status	Inter-Layer Dependency
1	GFSK modulation	[2] 3.1	M	[5] RF 1/9
2	π/4-DQPSK modulation	[2] 3.2	O	[5] RF 1/10
3	8DPSK modulation	[2] 3.2	C.2	[5] RF 1/11

C.1: No longer used.

C.2: Optional IF BB 1a/2 “π/4-DQPSK modulation”, otherwise not defined.

2.1.2 Physical Links

Table 2: Link Types

Item	Capability	Reference	Status	Inter-Layer Dependency
1	ACL link	[1] 5.2	M	N/A
2	SCO link	[1] 5.4	O	N/A
3	eSCO link	[1] 4.3	O	N/A
4	Enhanced Data Rate ACL links	[1] 6.5.4	O	N/A
4a	Enhanced Data Rate ACL links (multi-slot)	[1] 6.5.4	C.1	N/A
5	Enhanced Data Rate eSCO links	[1] 6.5.3	C.2	N/A
6	Profile Broadcast Data Link	[1] 5.7	O	N/A
7	ACL with AES-CCM and MIC	[1] 5.2, 6.5.4	C.4	N/A
7a	AES-CCM encryption	[1] 6.5.4	C.6	[6] SEC 2/2
8	eSCO with AES-CCM	[1] 4.3, 6.5.4	C.5	N/A

C.1: Optional IF BB 2/4 “Enhanced Data Rate ACL links”, otherwise Excluded.

C.2: Optional IF BB 2/3 “eSCO link”, otherwise Excluded.

C.3: No longer used.

C.4: Mandatory IF BB 2/7a “AES-CCM encryption”, otherwise Excluded.

C.5: Mandatory IF BB 2/7a “AES-CCM encryption” AND BB 2/3 “eSCO link”, otherwise Excluded.

C.6: (Reverse ILD) Mandatory IF SEC 2/2 “AES-CCM encryption”, otherwise Excluded.

Table 3: SCO and eSCO Link Support

Item	Capability	Reference	Status
1	SCO links to same Peripheral	[1] 4.3	C.1
2	SCO links to different Peripherals	[1] 4.3	C.3
3	SCO links from same Central	[1] 4.3	C.1
4	SCO links from different Centrals	[1] 4.3	C.3
5	eSCO links to same Peripheral	[1] 4.2	C.2
6	eSCO links to different Peripherals	[1] 4.2	C.4
7	eSCO links from same Central	[1] 4.2	C.2
8	eSCO links from different Centrals	[1] 4.2	C.4

C.1: Mandatory to support at least one IF BB 2/2 “SCO link”, otherwise Excluded.

C.2: Mandatory to support at least one IF BB 2/3 “eSCO link”, otherwise Excluded.

C.3: Optional IF BB 2/2 “SCO link”, otherwise Excluded.

C.4: Optional IF BB 2/3 “eSCO link”, otherwise Excluded.

Table 3a: Profile Broadcast Data Link Support

Prerequisite: BB 2/6 “Profile Broadcast Data Link”

Item	Capability	Reference	Status
1	Connectionless Peripheral Broadcast Transmitter	[1] 8.10.1, [2] 3.3, Table 3.4, Item 128	C.1
2	Connectionless Peripheral Broadcast Receiver	[1] 6.5.1, 6.5.1.2	C.1

C.1: Mandatory to support at least one.

2.1.3 Packet Types

Table 4: Common Packet Types

Item	Capability	Reference	Status
1	ID packet type	[1] 6.5.1, 6.5.1.1	M
2	NULL packet type	[1] 6.5.1, 6.5.1.2	M
3	POLL packet type	[1] 6.5.1, 6.5.1.3	M
4	FHS packet type	[1] 6.5.1, 6.5.1.4	M
5	DM1 packet type	[1] 6.5.1, 6.5.1.5, 6.5.4, 6.5.4.1	M

Table 5: ACL Packet Types

Item	Capability	Reference	Status
1	DH1 packet type	[1] 6.5.4, 6.5.4.2	M
2	DM3 packet type	[1] 6.5.4, 6.5.4.3	C.1
3	DH3 packet type	[1] 6.5.4, 6.5.4.4	O
4	DM5 packet type	[1] 6.5.4, 6.5.4.5	O

Item	Capability	Reference	Status
5	DH5 packet type	[1] 6.5.4, 6.5.4.6	O
6	AUX1 packet type	[1] 6.5.4, 6.5.4.7	O

C.1: Mandatory IF BB 9c/1 “Synchronization Train” OR BB 9c/2 “Synchronization Scan”, otherwise Optional.

Table 5a: Enhanced Data Rate ACL Packet Types

Prerequisite: BB 2/4 “Enhanced Data Rate ACL links”

Item	Capability	Reference	Status
1	2-DH1 packet type	[1] 6.5.4.8	C.1
2	2-DH3 packet type	[1] 6.5.4.9	C.2
3	2-DH5 packet type	[1] 6.5.4.10	C.6
4	3-DH1 packet type	[1] 6.5.4.11	C.3
5	3-DH3 packet type	[1] 6.5.4.12	C.4
6	3-DH5 packet type	[1] 6.5.4.13	C.5

C.1: Optional IF BB 1a/2 “π/4-DQPSK modulation”, otherwise Excluded.

C.2: Mandatory IF BB 2/4a “Enhanced Data Rate ACL links (multi-slot)”, otherwise Optional IF BB 5a/1 “2-DH1 packet type”, otherwise Excluded.

C.3: Optional IF BB 1a/3 “8DPSK modulation”, otherwise Excluded.

C.4: Mandatory IF BB 2/4a “Enhanced Data Rate ACL links (multi-slot)”, otherwise Optional IF BB 5a/2 “2-DH3 packet type” AND BB 5a/4 “3-DH1 packet type”, otherwise Excluded.

C.5: Mandatory IF BB 2/4a “Enhanced Data Rate ACL links (multi-slot)”, otherwise Optional IF BB 5a/3 “2-DH5 packet type” AND BB 5a/5 “3-DH3 packet type”, otherwise Excluded.

C.6: Mandatory IF BB 2/4a “Enhanced Data Rate ACL links (multi-slot)”, otherwise Optional IF BB 5a/2 “2-DH3 packet type”, otherwise Excluded.

Table 6: SCO and eSCO Packet Types

Item	Capability	Reference	Status
1	HV1 packet type	[1] 6.5.2, 6.5.2.1	C.1
2	HV2 packet type	[1] 6.5.2, 6.5.2.2	C.2
3	HV3 packet type	[1] 6.5.2, 6.5.2.3	C.2
4	DV packet type	[1] 6.5.2, 6.5.2.4	C.1
5	EV3 packet type	[1] 6.5.3, 6.5.3.1	C.3
6	EV4 packet type	[1] 6.5.3, 6.5.3.2	C.4
7	EV5 packet type	[1] 6.5.3, 6.5.3.3	C.4

C.1: Mandatory IF BB 2/2 “SCO link”, otherwise Excluded.

C.2: Optional IF BB 2/2 “SCO link”, otherwise Excluded.

C.3: Mandatory IF BB 2/3 “eSCO link”, otherwise Excluded.

C.4: Optional IF BB 2/3 “eSCO link”, otherwise Excluded.

Table 6a: Enhanced Data Rate eSCO Packet Types

Prerequisite: BB 2/5 "Enhanced Data Rate eSCO links"

Item	Capability	Reference	Status
1	2-EV3 packet type	[1] 6.5.3.4	C.1
2	2-EV5 packet type	[1] 6.5.3.5	C.2
3	3-EV3 packet type	[1] 6.5.3.6	C.3
4	3-EV5 packet type	[1] 6.5.3.7	C.4

C.1: Optional IF BB 1a/2 "π/4-DQPSK modulation", otherwise Excluded.

C.2: Optional IF BB 6a/1 "2-EV3 packet type", otherwise Excluded.

C.3: Optional IF BB 1a/3 "8DPSK modulation" AND BB 6a/1 "2-EV3 packet type", otherwise Excluded.

C.4: Optional IF BB 6a/3 "3-EV3 packet type", otherwise Excluded.

2.1.4 Access Procedures

Table 7: Page Procedures

Item	Capability	Reference	Status
1	Paging	[1] 8.3.2	M
2	Page Scan	[1] 8.3.1	M
3–4	No longer used	N/A	N/A
5	Interlaced Scan during Page Scan	[1] 2.4	O
6	Truncated Paging	[1] 8.3.3	C.1
7	Page Response Timeout Detection	[1] 8.3	C.2
8	Train Nudging During Page	[1] 8.3.2	C.3
9	Generalized Interlaced Page Scan	[1] 8.3.1	C.4

C.1: Mandatory IF BB 3a/2 "Connectionless Peripheral Broadcast Receiver", otherwise Optional.

C.2: Mandatory IF BB 3a/1 "Connectionless Peripheral Broadcast Transmitter", otherwise Optional.

C.3: Mandatory IF BB 10/8 "Train Nudging During Inquiry", otherwise Optional.

C.4: Mandatory IF BB 10/9 "Generalized Interlaced Inquiry Scan", otherwise Optional.

Table 8: Paging Schemes

Item	Capability	Reference	Status
1	Mandatory Scan Mode	[1] 8.3, Table 6.5	M

Table 9: Paging Modes

Item	Capability	Reference	Status
1	paging mode R0	[1] 8.3.1, Table 8.1	C.1
2	paging mode R1	[1] 8.3.1, Table 8.1	C.1
3	paging mode R2	[1] 8.3.1, Table 8.1	C.1

C.1: Mandatory to support at least one.

Table 9b: Paging Train Repetition

Item	Capability	Reference	Status
1	Npage >= 1	[1] 8.3.2, Table 8.2	O
2	Npage >= 128	[1] 8.3.2, Table 8.2	O
3	Npage >= 256	[1] 8.3.2, Table 8.2	M

Table 9c: Synchronization Modes Support

Item	Capability	Reference	Status
1	Synchronization Train	[1] 8.3.5, [2] 3.3, Table 3.4, Item 130	C.1
2	Synchronization Scan	[1] 8.3.4 [2] 3.3, Table 3.4, Item 131	C.2

C.1: Mandatory IF BB 3a/1 “Connectionless Peripheral Broadcast Transmitter” OR BB 18/1 “Coarse Clock Adjustment”, otherwise Excluded.

C.2: Mandatory IF BB 3a/2 “Connectionless Peripheral Broadcast Receiver” OR BB 18/1 “Coarse Clock Adjustment”, otherwise Excluded.

Table 10: Inquiry Procedures

Item	Capability	Reference	Status
1	Inquiry	[1] 8.4.2	O
2	Inquiry Scan with first FHS	[1] 8.4.2	O
3–4	No longer used	N/A	N/A
5	Dedicated Inquiry Access Code	[1] 6.3.1	O
6	Interlaced Scan during Inquiry Scan	[1] 2.5	O
7	Extended Inquiry Response	[1] 8.4.2, 8.4.3	O
8	Train Nudging During Inquiry	[1] 8.4.2	C.2
9	Generalized Interlaced Inquiry Scan	[1] 8.4.1	C.3

C.1: No longer used.

C.2: Mandatory IF BB 7/8 “Train Nudging During Page” AND BB 10/1 “Inquiry”, otherwise Excluded.

C.3: Mandatory IF BB 7/9 “Generalized Interlaced Page Scan” AND BB 10/2 “Inquiry Scan with first FHS”, otherwise Excluded.

2.1.5 Networking Capabilities

Table 11: Piconet Capabilities

Item	Capability	Reference	Status
1	Broadcast Messages	[1] 7.6.5	M
2	Point-to-multipoint Connections	[1] 1	M

Table 12: Scatternet Capabilities

Item	Capability	Reference	Status
1	Act as Central in one piconet and as Peripheral in another piconet	[1] 1	O
2	Act as Peripheral in more than one piconet	[1] 1	O

2.1.6 Synchronous Data Formats

Table 13: Synchronous Coding Schemes

Prerequisite: BB 2/2 "SCO link" OR BB 2/3 "eSCO link"

Item	Capability	Reference	Status
1	A-law	[1] 9.1	C.1
2	μ-law	[1] 9.1	C.1
3	CVSD	[1] 9.2	C.1
4	Transparent Synchronous Data	[1] 5.4, 5.5	C.1

C.1: Mandatory to support at least one.

2.1.7 Erroneous Data Reporting

Table 14: Erroneous Data Reporting

Item	Capability	Reference	Status
1	Erroneous Data Reporting for SCO	[1] 7.7	C.1
2	Erroneous Data Reporting for eSCO	[1] 7.7	C.2

C.1: Excluded IF NOT HCI 9/6 "SCO data via HCI" OR NOT BB 2/2 "SCO link", otherwise Mandatory IF BB 14/2 "Erroneous Data Reporting for eSCO", otherwise Optional.

C.2: Excluded IF NOT HCI 9/7 "eSCO data via HCI" OR NOT BB 2/3 "eSCO link", otherwise Mandatory IF BB 14/1 "Erroneous Data Reporting for SCO", otherwise Optional.

2.1.8 Non-flushable Packet Boundary Flag

Table 16: Non-flushable Packet Boundary Flag

Item	Capability	Reference	Status
1	Non-flushable Packet Boundary Flag	[1] 7.6.3	C.1

C.1: Mandatory IF HCI 12/10 "Enhanced Flush command", otherwise Optional.

2.1.9 Connection States

Table 17: Connection States

Item	Capability	Reference	Status
1	Sniff Subrating mode	[3] 4.5.3.3	C.1
2	Sniff mode	[3] 4.5.3.3	O

C.1: Mandatory IF BB 17/2 "Sniff mode", otherwise Optional.

2.1.10 Piconet Clock Adjust

Table 18: Coarse Clock Adjust

Item	Capability	Reference	Status
1	Coarse Clock Adjustment	[1] 8.6.10.1	O

2.1.11 Slot Availability Mask

Table 19: Slot Availability Mask

Item	Capability	Reference	Status
1	Slot Availability Mask	[4] 8.6.11	C.1

C.1: Optional IF CORE 1a/50 “Controller Core v5.0 or later”, otherwise Excluded.

3 References

[1] Specification of the Bluetooth System, Volume 2, Part B (Baseband)

[2] Specification of the Bluetooth System, Volume 2, Part A (Architecture)

[3] Specification of the Bluetooth System, Volume 2, Part C (Link Manager Protocol)

[4] Bluetooth Core Specification, Volume 2, Part B (Baseband), Version 5.0 or later

[5] ICS Proforma for Radio Frequency (RF)

[6] ICS Proforma for BR/EDR Security (SEC)

4 Bridge mapping between BB ICS and LMP ICS (informational)

Table 4.1 provides the mapping between BB ICS items, which had part of other ICS documents in past TCRL releases. An implementation, qualified under an older TCRL release, will use the bridge mapping to indicate support of the new BB ICS item, which was missing from the old TCRL release. The mapping can change depending on the older TCRL release. For example, an ICS item in the SUM ICS might be used instead of an ICS item in the LMP ICS. For newer TCRL releases, the bridge mapping table is not applicable.

BB ICS	Description	Mapping
2/4a	Enhanced Data Rate ACL links (multi-slot)	• ≥ TCRL pkg101: Not applicable • ≤ TCRL pkg100: LMP 2b/2 • ≤ TCRL 2023-2: SUM ICS 22/2
2/7a	AES-CCM encryption	• ≥ TCRL pkg101: Not applicable • ≤ TCRL pkg100: SEC 2/2 • ≤ TCRL 2023-2: LMP 2/26
17/2	Sniff mode	• ≥ TCRL pkg101: Not applicable • ≤ TCRL pkg100: LMP 2/8

Table 4.1: Bridge mapping between BB ICS and LMP ICS (informational)

5 Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
	1.2.1	2004-03-29	Changed document number and revision number to conform to legacy system. Added Disclaimer and Copyright Notice.
	2.0.E.0 Draft	2004-10-22	Incorporate Enhanced Data Rate Changes, affecting Tables 1a, 2, 5a, 6a, and latest Compliance requirements.
10	2.0.E.0	2004-11-04	First version for 1.2/2.0/2.0 + EDR available for qualification.
	2.0.E.8r0	2006-11	Add Tables 14, 15, 16, 17 for 2.1 + EDR features Add line 7 to Table 10 for EIR Add new Erroneous Data table Add new Packet Boundary Flag table Add new Persistent Sniff table Add new Connection States table
	2.1.E.0r1	2006-12-14	Change document number for new spec release v2.1 Incorporate reviewer's comments for M/O 2.1 changes.
	2.1.E.0r2	2006-12-20	Change Connection States Table number from Table 16 to Table 17
11	2.1.E.0	2006-12-27	Prepare for publication.
12	2.1.E.1	2007-09-04	TSE 2082:Add Core 2.1 conditionals to Table 1A TSE 2083: Add Core 2.1 conditionals to Table 2 TSE 2084: Remove Table 15
	2.1.E.2r0	2008-08-27	TSE 2641; Table 15 renumbered Table16, Table 16 renumbered Table 17. TSE 2653: C.3 for Table 6a.
13	2.1.E.2	2008-12-12	Prepare for publication.
	2.1.E.2a	2008-04-21	Update conditionals to reflect the addition of Core Specification 3.0/3.0+HS
	4.0.0r0	2012-05-12	TSE 4597: Table 1a Footnotes C.1 and C.2
14	4.0.0	2012-07-24	Prepare for publication.
	4.0.1r1	2012-12-21	Connectionless Broadcast Change Request
	4.0.1r2	2013-01-02	Connectionless Broadcast Review: Changed Table 5 Item 2 from "O" to "C.1"
	4.0.1r3	2013-01-17	Connectionless Broadcast Review (Magnus) Added C.1 and C.2 for item 6 and 7 in Table 7.
	4.0.1r4	2013-01-17	Connectionless Broadcast Review (Farooq) Table 2 C.3 edited to read "Supported"
	4.0.1r5	2013-01-18	Connectionless Broadcast Review (Magnus & Jason) Edited C.3 for Table 2, item 6.
	4.0.1r6	2013-01-22	Connectionless Broadcast Review (Jason) Added "…or later" after CSA4 in conditionals.

Publication Number	Revision Number	Date	Comments
	4.0.1r7	2013-01-24	Connectionless Broadcast Review (Jason, Alicia, Meagan) Editorial Review Edited for consistent language and syntax for conditionals. Update Table 3a, C.1.
	4.0.1r8	2013-01-28	Approved by BTI
	4.0.1r8	2013-02-12	Approved by BQRB
15	4.0.1	2013-02-19	Prepare for Publication
	4.0.2rT	2013-07-26	Template Conversion Reworded Conditionals to match current conventions
	4.0.2rTr3	2013-09-06	Resolution of Template Conversion Comments
	4.1.0r01	2013-09-25	BR/EDR Secure Connections CR
	4.1.0r02	2013-09-25	Train Nudging and Generalized Interlaced Scan CR
	4.1.0r03	2013-09-26	TSE 5316: Updated C.1 in Table 7 to read “Mandatory if 3a/2 is supported, otherwise Optional."
	4.1.0r04	2013-10-09	Piconet Clock Adjust CR
	4.1.0r07	2013-11-06	Comment resolution
16	4.1.0	2013-12-03	Prepare for Publication
	4.2.0	2014-11-20	Version for 4.2 impact
17	4.2.0	2014-12-03	Prepare for TCRL 2014-2 publication
	5.0.0r00	2016-08-16	TSE 7082: Updated conditional C.2 for Table 2.
	5.0.0r01	2016-11-08	Updated Template. Removed unnecessary parentheses.
	5.0.0r02	2016-11-11	Issue 7884: Global edit. Added support in conditionals for Core Spec version 5.0.
18	5.0.0	2015-12-13	Approved by BTI. Prepared for TCRL 2016-2 publication.
	5.0.1r00	2017-07-19	TSE 7436: In C.1 for Table 1a: Modulation, changed “Excluded” to “Optional. In C.2 for Table 1a: Modulation, changed mapping from SUM ICS 22/4 to BB 1a/2.
19	5.0.1	2017-12-07	Approved by BTI. Prepared for TCRL 2017-2 publication.
	5.0.2r00-01	2018-02-15 – 2018-05-11	TSE 10012 (rating 1): Deleted “Support(s)” from Section 1.2 (Capability Statement). TSE 10611 (rating 2): Some conditionals incorrectly included SUM ICS references for BT core v5.0. Revised Conditional C.2 in Table 2. Revised Conditional C.3 in Table 7. Revised Conditionals C.1 and C.2 in Table 10. Revised Conditionals C.1 and C.2 in Table 14. Revised Conditional C.1 in Table 16. Revised Conditional C.1 in Table 17.

Publication Number	Revision Number	Date	Comments
			TSE 10612 (rating 2): Added conditional C.1 to Table 18 and changed status of item 18/1 from O to C.1. TSE 10617 (rating 2): Added new section “Slot Availability Mask” and added new reference [5].
20	5.0.2	2018-07-02	Approved by BTI. Prepared for TCRL 2018-1 publication.
	5.1.0r00	2018-11-13	Updated revision number to 5.1.0 to align with the adoption of Core Specification version 5.1
21	5.1.0	2018-12-07	Approved by BTI. Prepared for TCRL 2018-2 publication.
	p22r00–r02	2019-10-04 – 2019-12-03	TSE 12608 (rating 1): Removed references to deprecated and/or withdrawn core specs by updating C.1 and C.2 for Table 1a, updating item 6 and C.1 – C.3 for Table 2, updating C.1 and C.3 for Table 6a, updating items 8 and 9 and C.3 for Table 7, updating items 8 and 9 and C.1 and C.2 for Table 10, removing Values column from Table 11, updating C.1 and C.2 for Table 14, updating C.1 for Table 16, updating C.1 for Table 17, updating item 1 and C.1 for Table 18, and updating C.1 for Table 19. Revised document numbering convention, setting last release publication of 5.1.0 as p21; added Publication Number column to Revision History. Added names to Contributors list.
22	p22	2020-01-07	Approved by BTI on 2019-12-22. Prepared for TCRL 2019-2 publication.
	p23r00–r03	2020-09-15 – 2021-06-11	TSE 14933 (rating 2): Updated conditionals C.2–C.4 of Table 6a. TSE 14938 (rating 2): Updated conditionals C.1 and C.2 of Table 14. TSE 14941 (rating 2): Added conditionals C.3 and C.4 to Table 7 and updated Status column for items 8 and 9 accordingly; added conditionals C.2 and C.3 to Table 10 and updated Status column for items 8 and 9 accordingly. TSE 15446 (rating 1): Editorials to address Erratum 15352, globally change “Master” to “Central” and “Slave” to “Peripheral”. TSE 16044 (rating 2): Updated status of items in Table 11 to Mandatory and updated the reference for item 1. Template-based and consistency checker editorials.
23	p23	2021-07-13	Approved by BTI on 2021-06-27. Prepared for TCRL 2021-1 publication.
	p24r00	2021-08-12	TSE 16945 (rating 2): To address an issue with SCO/eSCO in Table 13, updated the prerequisite and the status column for all items and added conditional C.1. Performed template-related fixes. Updated the copyright page to align with v2 of the DNMD.

Publication Number	Revision Number	Date	Comments
24	p24	2022-01-25	Approved by BTI on 2021-12-27. Prepared for TCRL 2021-2 publication.
	p24ed2 r00–r01	2022-02-18 – 2022-03-07	TSE 18358 (rating 1): Updated “is/not supported” language in conditionals globally to align with new conventions. Consistency checker editorials.
	p24, edition 2	2022-03-07	Approved by BTI on 2022-03-07. Prepared for edition 2 publication.
	p25r00	2022-03-30	TSE 18511 (rating 2): Deleted the prerequisite and updated C1 and C2 for Table 9c. Deleted C1 from Table 18.
25	p25	2022-06-28	Approved by BTI on 2022-05-31. Prepared for TCRL 2022-1 publication.
	p26r00–r01	2023-09-12 – 2023-10-23	TSE 24069 (rating 2): To replace SUM.ICS with Core.ICS references, revised descriptions and added ILDs for 1a/1, 1a/2, and 1a/3 and deleted C.1 and revised C.2, changing the status of 1a/2 accordingly. Revised Table 2 conditionals C.1 and C.2. Revised Table 5a conditionals C.1–C.5. Revised Table 19 conditional C.1. Updated the document to align with the latest standards.
26	p26	2024-07-01	Approved by BTI on 2024-05-22. Prepared for TCRL 2024-1 publication.
	p27r00–r02	2024-07-22 – 2024-07-24	TSE 25849 (rating 1): Updated BB ICS item 1a/2 “Support for p/4-DQPSK modulation” to “π/4-DQPSK” and corrected in conditionals throughout. Performed consistency checker editorial updates.
27	p27	2024-09-04	Approved by BTI on 2024-08-14. Prepared for TCRL 2024-2 publication.
	p28r00–r04	2025-08-08 – 2025-09-04	TSE 26825 (rating 1): Updated the status value for Item 10/7. Marked condition C.1 for Table 10 as no longer used. TSE 27061 (rating 1): In Table 2, updated the status for Item 2/4; updated the reference for Items 2/7 and 2/8; added Items 4a and 7a; added an ILD column; updated conditions C.1, C.2, C.4, and C.5; and added C.6. In Table 5a, updated the status for Item 5a/3, updated all existing conditions, and added condition C.6. Added Section 3, Bridge mapping between BB ICS and LMP ICS (informational). Replaced all cross-references to reference [4] with cross-references to [1]. Updated the references list including the addition of a new reference [6]. TSE 27209 (rating 1): Updated language per the current ICS template in Items 1a/1 – 1a/3 and condition C.2 in Table 1a; C.1 and C.3 in Table 5a; and C.1 and C.3 in Table 6a. Incorporated editorials to align the document with the current template, including updates to Section 1 and

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