• Updated Launch Studio Terms of Use go into effect on 15 November 2022. Changes clarify Declaration ID validity period. Learn more (https://support.bluetooth.com/hc/enus/articles/360054636252)

A Back to Bluetooth.com (https://www.bluetooth.com)

ICS Details



Consistency Check -

Core Specification

4.0HCI (4.0 Host Controlle

BB (Baseband Conformar

HCI (Host Controller Interf

LL (Low Energy Link Layer

LMP (Link Manager)

PROD (Product Type)

RF (Radio)

RFPHY (Low Energy RF PI

SUM ICS (Summary ICS)

GATT Profiles and Ser LE Audio Specification

Mesh Specifications

Traditional Profiles

Link Manager

Capability Statement

Table 1: Response Messages

Support	Item	Capability	Reference	Status	Comment
✓	1/1	Accept message	[1] 2.7	М	
✓	1/2	Reject message	[1] 2.7	М	

Capability Statement

Table 2: Supported Features

Support	Item	Capability	Reference	Status	Comment
	2/1	3-slot packets	[1] 3.3, 4.1.10	C.11	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.
	2/2	5-slot packets	[1] 3.3, 4.1.10	C.11	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.
✓	2/3	Encryption	[1] 3.3, 4.2.5	C.5	C.5: Excluded IF LMP 2/21 "BR/EDR Not Supported" is supported, otherwise Mandatory.

2/4 Slot offset [1] 3.3, 4.4.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported, otherwise Optional. 2/5 Timing accuracy [1] 3.3, 4.3.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/6 Role switch (Master/Slave) 4.4.2 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/7 Hold mode [1] 3.3, 4.5.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/8 Sniff mode [1] 3.3, 4.5.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/10 Power [1] 3.3, 4.1.3 C.1 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/11 Channel (1] 3.3, 4.1.7 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/12 SCO link [1] 3.3, 4.6.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.			Eddilon of	adio 100 Botai	.0	
accuracy 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/6 Role switch (I] 3.3, C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/7 Hold mode [I] 3.3, 4.5.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported) is supported is supported is supported is supported of is supported is supported is supported; otherwise Optional. 2/8 Sniff mode [I] 3.3, 4.5.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported; otherwise Optional. 2/10 Power (I] 3.3, 4.1.3 C.1 C.1: Mandatory IF RF I/1 "Power Class I" is supported; Excluded IF LMP 2/21 "BR/EDR Not Supported" is supported; Excluded IF LMP 2/21 "BR/EDR Not Supported" is supported, otherwise Optional. 2/11 Channel quality driven data rate 2/12 SCO link [I] 3.3, 4.6.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/13 RSSI [I] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.		2/4	Slot offset	[1] 3.3, 4.4.1	C.11	2/21 (BR/EDR Not Supported) is supported, otherwise
(Master/Slave) 4.4.2 Z/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/7 Hold mode [1] 3.3, 4.5.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/8 Sniff mode [1] 3.3, 4.5.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/10 Power [1] 3.3, 4.1.3 C.1 C.1: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported; excluded IF LMP 2/21 "BR/EDR Not Supported" is supported; excluded IF LMP 2/21 "BR/EDR Not Supported, otherwise Optional. 2/11 Channel quality driven data rate 2/12 SCO link [1] 3.3, 4.1.7 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/12 SCO link [1] 3.3, 4.6.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.		2/5		[1] 3.3, 4.3.1	C.11	2/21 (BR/EDR Not Supported) is supported, otherwise
2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/8 Sniff mode [1] 3.3, 4.5.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/10 Power [1] 3.3, 4.1.3 C.1 C.1: Mandatory IF RF 1/1 "Power Class 1" is supported; Excluded IF LMP 2/21 "BR/EDR Not Supported; Excluded IF LMP 2/21 "BR/EDR Not Supported" is supported" is supported is supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	✓	2/6			C.11	2/21 (BR/EDR Not Supported) is supported, otherwise
2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/10 Power [1] 3.3, 4.1.3 C.1 C.1: Mandatory IF RF 1/1 "Power Class 1" is supported; Excluded IF LMP 2/21 "BR/EDR Not Supported" is supported, otherwise Optional. 2/11 Channel quality driven data rate 2/12 SCO link [1] 3.3, 4.1.7 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/12 SCO link [1] 3.3, 4.6.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.		2/7	Hold mode	[1] 3.3, 4.5.1	C.11	2/21 (BR/EDR Not Supported) is supported, otherwise
Control [2] 3 "Power Class 1" is supported; Excluded IF LMP 2/21 "BR/EDR Not Supported, otherwise Optional. 2/11 Channel quality driven data rate 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/12 SCO link [1] 3.3, 4.6.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.		2/8	Sniff mode	[1] 3.3, 4.5.3	C.11	2/21 (BR/EDR Not Supported) is supported, otherwise
quality driven data rate 2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/12 SCO link [1] 3.3, 4.6.1 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.		2/10			C.1	"Power Class 1" is supported; Excluded IF LMP 2/21 "BR/EDR Not Supported" is supported, otherwise
2/21 (BR/EDR Not Supported) is supported, otherwise Optional. 2/13 RSSI [1] 3.3 C.11 C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise		2/11	quality driven	[1] 3.3, 4.1.7	C.11	2/21 (BR/EDR Not Supported) is supported, otherwise
2/21 (BR/EDR Not Supported) is supported, otherwise		2/12	SCO link	[1] 3.3, 4.6.1	C.11	2/21 (BR/EDR Not Supported) is supported, otherwise
		2/13	RSSI	[1] 3.3	C.11	2/21 (BR/EDR Not Supported) is supported, otherwise

	Laurich	ludio - ICS Dela	115	
2/14	Broadcast encryption	[1] 3.3, 4.2.5	C.11	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.
2/15	eSCO link	[1] 4.6.2	C.11	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.
2/16	Adaptive frequency hopping	[1] 4.1.4	C.11	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.
2/17	Enhanced Data Rate ACL	[3] 6.5.4 [1] 3.3	C.2	C.2: Mandatory IF (SUM ICS 22/1 "EDR for asynchronous transports (single slot)" OR SUM ICS 22/2 "EDR for asynchronous transports (multi-slot)") is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported; Excluded IF LMP 2/21 "BR/EDR Not Supported" is supported, otherwise Optional.
2/18	Enhanced Data Rate eSCO	[3] 6.5.3 [1] 3.3	C.3	C.3: Mandatory IF SUM ICS 22/4 "EDR for synchronous transports, CSA1 and 3.0 + HS or later" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported; Excluded IF LMP 2/21 "BR/EDR Not Supported" is supported" is supported, otherwise Optional.
2/19	Simple Pairing (Host Support)	[1] 4.2.7	C.4	C.4: Mandatory IF LMP 2/21 "BR/EDR Not Supported" is NOT supported, otherwise Excluded.
2/19a	Simple Pairing Updates	[6] [7] 4.2.7.4	C.16	C.16: Mandatory IF LMP 2/19 "Simple Pairing" is supported, otherwise Excluded.

Connections (Controller Supported" is NOT Supported, otherwise Excluded. 2/26a Secure [1] 3.3 C.17 C.17: Optional IF LMP Connections (Host Support) Support) AND LMP 2/26 "Secure			Eddilon of	adio 100 Dota		
Supported 2/22 LE Supported (Controller) 2/21 "BR/EDR Not Supported, otherwise Optional. 2/23 LE and BR/EDR to BR/EDR Not Supported (Controller) Same device capable (Controller) 2/24 LE Supported (Controller) 2/24 LE Supported (I] 3.3 C.7 C.7: Optional IF LMP 2/21 "BR/EDR Not Supported, otherwise Excluded. 2/24 LE Supported (I] 3.3 C.7 C.7: Optional IF LMP 2/22 "LE Supported (Controller)" is supported, otherwise Excluded. 2/26 Secure [4] 3.3 C.9 C.9: Optional IF LMP 2/22 "BR/EDR Not Supported" is NOT supported, otherwise Excluded. 2/26 Secure [1] 3.3 C.9 C.9: Optional IF LMP 2/2 "BR/EDR Not Supported" is NOT supported, otherwise Excluded. 2/26 Secure [1] 3.3 C.17 C.17: Optional IF LMP 2/2 "BR/EDR Not Supported" is NOT supported, otherwise Excluded. 2/26 Secure [1] 3.3 C.17 C.17: Optional IF LMP 2/2 "BR/EDR Not Supported" is NOT supported, otherwise Excluded. 2/26 Secure Connections (Controller Support)" are supported, otherwise Excluded. 2/27 Ping [4] 3.3, C.10 C.10: Mandatory IF LMP 2/26 "Secure Connections" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported" is NOT supported, otherwise		2/20	Power		C.6	2/21 "BR/EDR Not Supported" is supported, Optional IF LMP 2/10 "Power Control" AND LMP 2/13
(Controller) 2/21 "BR/EDR Not Supported, otherwise Optional. 2/23 LE and [1] 3.3 C.12 C.12: Optional IF LMP BR/EDR to same device capable (Controller) (Controller) 2/24 LE Supported [1] 3.3 C.7 C.7: Optional IF LMP 2/22 "LE Supported (Controller)" is supported, otherwise Excluded. 2/26 Secure [4] 3.3 C.9 C.9: Optional IF LMP 2/22 "LE Supported (Controller)" is supported, otherwise Excluded. 2/26 Secure [4] 3.3 C.9 C.9: Optional IF LMP 2/2 "BR/EDR Not Supported (Controller)" is supported, otherwise Excluded. 2/26 Secure [1] 3.3 C.9 C.9: Optional IF LMP 2/2 "BR/EDR Not Supported" is NOT supported, otherwise Excluded. 2/26a Secure [1] 3.3 C.17 C.17: Optional IF LMP 2/9 "Secure Simple Pairing (Host Support)" AND LMP 2/26 "Secure Connections (Controller Support)" are supported, otherwise Excluded. 2/27 Ping [4] 3.3, C.10 C.10: Mandatory IF LMP 2/26 "Secure Connections" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported" is NOT supported, otherwise		2/21		[1] 3.3	0	
BR/EDR to same device capable (Controller) (Controller) 2/21 "BR/EDR Not Supported AND LMP 2/21 "BR/EDR Not Supported, otherwise Excluded. 2/22 "LE Supported (Controller)" is supported, otherwise Excluded. 2/26 Secure [4] 3.3 C.9 C.9: Optional IF LMP 2/2 "BR/EDR Not Supported, otherwise Excluded. 2/26 Secure [4] 3.3 C.9 C.9: Optional IF LMP 2/2 "BR/EDR Not Supported, otherwise Excluded. 2/26 Secure [1] 3.3 C.17 C.17: Optional IF LMP 2/2 "BR/EDR Not Supported, otherwise Excluded. 2/26 Secure [1] 3.3 C.17 C.17: Optional IF LMP 2/2 "Br/EDR Not Supported, otherwise Excluded. 2/26 Secure [1] 3.3 C.17 C.17: Optional IF LMP 2/19 "Secure Simple Pairing (Host Support)" AND LMP 2/26 "Secure Connections (Controller Support)" are supported, otherwise Excluded. 2/27 Ping [4] 3.3, C.10 C.10: Mandatory IF LMP 2/26 "Secure Connections" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported, otherwise Explored is NOT supported, otherwise		2/22		[1] 3.3	C.8	2/21 "BR/EDR Not Supported" is supported, otherwise
(Host) (Host) (Controller)" is supported, otherwise Excluded. 2/26 Secure [4] 3.3 C.9 C.9: Optional IF LMP 2/2 "BR/EDR Not Supported" is NOT supported, otherwise Excluded. 2/26a Secure [1] 3.3 C.17 C.17: Optional IF LMP Connections (Host Pairing (Host Support)" AND LMP 2/26 "Secure Connections (Controller Support)" are supported, otherwise Excluded. 2/27 Ping [4] 3.3, C.10 C.10: Mandatory IF LMP 2/26 "Secure Connections" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported, otherwise Excluded.		2/23	BR/EDR to same device capable	[1] 3.3	C.12	2/22 "LE Supported (Controller)" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported, otherwise
Connections (Controller Support) 2/26a Secure (I] 3.3 C.17 C.17: Optional IF LMP Connections (Host Support) Support) AND LMP 2/26 "Secure Connections (Controller Support)" are supported, otherwise Excluded. 2/27 Ping [4] 3.3, C.10 C.10: Mandatory IF LMP 4.1.13 2/26 "Secure Connections" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported, otherwise	✓	2/24		[1] 3.3	C.7	2/22 "LE Supported (Controller)" is supported, otherwise
Connections (Host Support) Support) AND LMP 2/26 "Secure Connections (Controller Support)" are supported, otherwise Excluded. 2/27 Ping [4] 3.3, C.10 C.10: Mandatory IF LMP 4.1.13 2/26 "Secure Connections" is supported AND LMP 2/21 "BR/EDR Not Supported, otherwise		2/26	Connections (Controller	[4] 3.3	C.9	Supported" is NOT supported, otherwise
4.1.13 2/26 "Secure Connections" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported, otherwise		2/26a	Connections (Host	[1] 3.3	C.17	2/19 "Secure Simple Pairing (Host Support)" AND LMP 2/26 "Secure Connections (Controller Support)" are supported, otherwise
		2/27	Ping		C.10	2/26 "Secure Connections" is supported AND LMP 2/21 "BR/EDR Not Supported" is NOT supported, otherwise

2/28	Coarse Clock Adjustment	[1] 4.1.14.1	C.15	C.15: Mandatory IF BB 18/1 "Coarse Clock Adjustment" is supported, otherwise Excluded.
2/29	Slot Availability Mask	[5] 4.1.15	C.14	C.14: Mandatory IF BB 19/1 "Slot Availability Mask" is supported, otherwise Excluded.

Table 3: Authentication

Support	Item	Capability	Reference	Status Comment
✓	3/1	Initiate authentication before connection completed	[1] 4.2.1	0
\checkmark	3/2	Initiate authentication after connection completed	[1] 4.2.1	0
✓	3/3	Respond to authentication request	[1] 4.2.1	М

Capability Statement

Table 4: Pairing

Support	Item	Capability	Reference	Status	Comment
✓	4/1	Initiate pairing before connection completed	[1] 4.4.2	0	
~	4/2	Initiate pairing after connection completed	[1] 4.4.2	0	
~	4/3	Respond to pairing request	[1] 4.2.2.1, 4.2.2.3	М	
	4/4	Use fixed PIN and request responder to initiator switch	[1] 4.2.2.2	C.1	C.1: Mandatory to support at least one of LMP 4/4 "Use fixed PIN and request responder to initiator switch" OR LMP 4/5 "Use variable PIN".

4/5	Use variable PIN	[1] 4.2.2.2	C.1	C.1: Mandatory to support at least one of LMP 4/4 "Use fixed PIN and request responder to initiator switch" OR LMP 4/5 "Use variable PIN".
4/6	Accept initiator to responder switch	[1] 4.2.2.2	C.2	C.2: Mandatory IF LMP 4/5 "Use variable PIN" AND (LMP 4/1 "Initiate pairing before connection completed" OR LMP 4/2 "Initiate pairing after connection completed") is supported.
4/7	TSPC_Change_of_IO_Capabilities	[1] 4.2.7.3.4	М	

Table 5: Link Keys

Support	Item	Capability	Reference	Status	Comment
\checkmark	5/2	Creation of link key - Combination Key	[1] 4.2.2.4	М	
✓	5/3	Initiate change of link key	[1] 4.2.3	0	
\checkmark	5/4	Accept change of link key	[1] 4.2.3	М	

Capability Statement

Table 6: Encryption

Prerequisite: LMP 2/3 "Encryption supported"

Support	Item	Capability	Reference	Status	Comment
V	6/1	Initiate encryption	[1] 4.2.5.1	М	
✓	6/2	Accept encryption requests	[1] 4.2.5.1	М	
\checkmark	6/5	Key size negotiation	[1] 4.2.5.2	М	
✓	6/6	Start encryption, as master	[1] 4.2.5.3	М	
\checkmark	6/7	Accept start of encryption	[1] 4.2.5.3	М	
✓	6/8	Stop encryption , as master	[1] 4.2.5.4	М	
✓	6/9	Accept stop of encryption	[1] 4.2.5.4	М	
✓	6/10	Encryption Pause/Resume	[1] 4.2.5.3	М	
	6/11	AES CCM Encryption	[4] 4.2.5	C.3	C.3: Mandatory IF 2/26 (Secure Connections) is supported, otherwise Excluded.

Table 7: Clock Offset Information

Support	Item	Capability	Reference	Status	Comment
/	7/1	Request clock offset information	[1] 4.3.2	0	
✓	7/2	Respond to clock offset requests	[1] 4.3.2	М	

Capability Statement

Table 8: Slot Offset Information

Prerequisite: LMP 2/4 "Slot offset"

Support	Item	Capability	Reference	Status	Comment
V	8/1	Send slot offset information	[1] 4.4.1	C.1	C.1: Mandatory IF LMP 13/1 "Request Master/Slave switch" is supported, otherwise Optional.

Capability Statement

Table 9: Timing Accuracy Information

Prerequisite: LMP 2/5 "Timing Accuracy"

Support	Item	Capability	Reference	Status	Comment
✓	9/1	Request timing accuracy information	[1] 4.3.1	0	
✓	9/2	Respond to timing accuracy information requests	[1] 4.3.1	М	

Capability Statement

Table 10: LM Version Information

Support	Item	Capability	Reference	Status	Comment
✓	10/1	Request LM version information	[1] 4.3.3	0	
✓	10/2	Respond to LM version information requests	[1] 4.3.3	М	

Capability Statement

Table 11: Feature Support

Support	Item	Capability	Reference	Status	Comment
	11/1	Request supported features	[1] 4.3.4	C.1	C.1: Mandatory IF any of the Optional features in LMP 2/1 "3-slot packets", LMP 2/2 "5-slot packets", LMP 2/3 "Encryption", LMP 2/5 "Timing accuracy", LMP 2/7 "Hold mode", LMP 2/8 "Sniff mode", LMP 2/9 "Park mode", LMP 2/10 "Power Control", LMP 2/10 "Power Control", LMP 2/11 "Channel quality driven data rate", LMP 2/12 "SCO link", LMP 2/14 "Broadcast encryption", LMP 2/15 "eSCO link", LMP 2/16 "Adaptive Frequency Hopping" OR LMP 26/1 "Support of AFH switch as master" is supported, otherwise Optional.
	11/2	Respond to supported features requests	[1] 4.3.4	М	

	11/3	Request extended features mask	[1] 4.3.4	C.2	C.2: Mandatory if a feature requiring another features page is supported, otherwise Optional.
✓	11/4	Respond to extended features Request	[1] 4.3.4	C.2	C.2: Mandatory if a feature requiring another features page is supported, otherwise Optional.

Table 12: Name Information

Support	Item	Capability	Reference	Status	Comment
✓	12/1	Request name information	[1] 4.3.5	0	
✓	12/2	Respond to name requests	[1] 4.3.5	М	

Capability Statement

Table 13: Role Switch

Prerequisite: LMP 2/6 "Role switch"

Suppor	t Item	Capability	Reference	Status	Comment	
\checkmark	13/1	Request Master Slave switch	[1] 4.4.2	0		
V	13/2	Accept Master Slave switch requests	[1] 4.4.2	М		

Capability Statement

Table 14: Detach

Support	Item	Capability	Reference	Status	Comment
~	14/1	Detach connection	[1] 4.1.2	М	

Capability Statement

Table 14a: Setting Up and Removing Enhanced Data Rate ACL Connection

Support	Item	Capability	Reference	Status	Comment
	14a/1	Enter Enhanced Data Rate	[1] 4.1.11	C.1	C.1: Mandatory IF LMP 2/17 "Enhanced Data Rate ACL" is supported, otherwise Excluded.

14a/2 Exit [1] 4.1.11 C.1 C.1: Mandatory IF LMP 2/17
Enhanced "Enhanced Data Rate ACL"
Data Rate is supported, otherwise
Excluded.

Capability Statement

Table 14b: Setting Up and Removing Enhanced Data Rate eSCO Connection

Support	Item	Capability	Reference	Status	Comment
	14b/1	Enter and Exit eSCO Using Enhanced Data Rate Packets	[1] 4.6.2	C.1	C.1: Mandatory IF LMP 2/18 "Enhanced Data Rate eSCO" is supported, otherwise Excluded.

Capability Statement

Table 15: Hold Mode

Prerequisite: LMP 2/7 "Hold mode"

Support	Item	Capability	Reference	Status	Comment
✓	15/1	Force hold mode	[1] 4.5.1, 4.5.1.2	0	
✓	15/2	Request hold mode	[1] 4.5.1, 4.5.1.3	C.1	C.1: Mandatory IF LMP 15/1 "Force hold mode" is supported, otherwise Optional.
V	15/3	Respond to hold mode requests	[1] 4.5.1, 4.5.1.3	М	
✓	15/4	Accept forced hold mode	[1] 4.5.1, 4.5.1.2	М	

Capability Statement

Table 16: Sniff Mode

Prerequisite: LMP 2/8 "Sniff mode"

Support	Item	Capability	Reference	Status	Comment
✓	16/2	Request sniff mode	[1] 4.5.3, 4.5.3.2	0	
	16/3	Respond to sniff mode requests (renegotiate or reject)	[1] 4.5.3.2	М	

✓	16/5	Request un-sniff	[1] 4.5.3.2	C.1	C.1: Mandatory IF LMP 16/2 "Request sniff mode" is supported, otherwise Optional.
✓	16/6	Accept un-sniff requests	[1] 4.5.3.2	М	
✓	16/7	Sniff Subrating Mode	[1] 4.5.3.2	М	

Table 18: Power Control

Support	Item	Capability	Reference	Status	Comment
✓	18/1	Request to increase power	[1] 4.1.3	C.1	C.1: Mandatory IF LMP 2/13 "RSSI" is Supported, otherwise Excluded.
✓	18/2	Request to decrease power	[1] 4.1.3	C.1	C.1: Mandatory IF LMP 2/13 "RSSI" is Supported, otherwise Excluded.
✓	18/3	Respond when max power reached	[1] 4.1.3	C.2	C.2: Mandatory IF LMP 2/10 "Power Control" is Supported, otherwise Excluded.
✓	18/4	Respond when min power reached	[1] 4.1.3	C.2	C.2: Mandatory IF LMP 2/10 "Power Control" is Supported, otherwise Excluded.
	18/5	Request to increment power a single step	[1] 4.1.3.1.1	C.3	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control" is Supported, otherwise Excluded.
	18/6	Request to decrease power a single step	[1] 4.1.3.1.1	C.3	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control" is Supported, otherwise Excluded.
	18/7	Request to go to max power	[1] 4.1.3.1.1	C.4	C.4: Optional IF LMP 2/20 "Enhanced Power Control" is Supported, otherwise Excluded.
	18/8	Respond to increment power a single step	[1] 4.1.3.1.2	C.3	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control" is Supported, otherwise Excluded.

✓	18/9	Respond to decrease power a single step	[1] 4.1.3.1.2	C.3	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control" is Supported, otherwise Excluded.
V	18/10	Respond to go to max power	[1] 4.1.3.1.2	C.3	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control" is Supported, otherwise Excluded.

Table 19: Link Supervision Timeout

Support	Item	Capability	Reference	Status	Comment
✓	19/1	Set link supervision timeout value	[1] 4.1.6	0	
\checkmark	19/2	Accept link supervision timeout setting	[1] 4.1.6	М	

Capability Statement

Table 20: Quality of Service

Support	Item	Capability	Reference	Status	Comment
	20/1	Channel quality driven change between DM and DH packet type	[1] 4.1.7	C.1	C.1: Mandatory IF LMP 2/11 "Channel quality driven data rate" is supported, otherwise Optional.
✓	20/2	Force/Request change of Quality of Service	[1] 4.1.8, 4.1.8.1	М	
✓	20/3	Request Change of Quality of Service	[1] 4.1.8, 4.1.8.2	М	

Capability Statement

Table 21: SCO Links

Prerequisite: LMP 2/12 "SCO link"

Support	Item	Capability	Reference	Status	Comment
/	21/1	Initiate SCO links, as Master		0	
✓	21/2	Initiate SCO links, as Slave		0	

✓	21/3	Accept SCO links	[1] 4.6.1, 4.6.1.1, 4.6.1.2	0	
V	21/4	Remove SCO links, as Master	[1] 4.6.1, 4.6.1.5	C.1	C.1: Mandatory IF LMP 21/1 "Initiating SCO links, as Master" is supported, otherwise Optional.
V	21/5	Remove SCO links, as Slave	[1] 4.6.1, 4.6.1.5	C.2	C.2: Mandatory IF LMP 21/2 "Initiating SCO links, as Slave" is supported, otherwise Optional.
	21/6	Negotiate SCO link parameters, as Master	[1] 4.6.1, 4.6.1.3	C.3	C.3: Mandatory IF (LMP 21/1 "Initiating SCO links, as Master" OR LMP 21/3 "Accept SCO links") is supported, otherwise Optional.
	21/7	Negotiate SCO link parameters, as Slave	[1] 4.6.1, 4.6.1.4	C.4	C.4: Mandatory IF (LMP 21/2 "Initiating SCO links, as Slave" OR LMP 21/3 "Accept SCO links") is supported, otherwise Optional.

Table 22: Multi-Slot Packets

Support	Item	Capability	Reference	Status	Comment
	22/1	Accept maximum allowed number of slots to be used	[1] 4.1.10	C.1	C.1: Mandatory IF LMP 2/1 "3-slot packets" OR LMP 2/2 "5-slot packets" are supported, otherwise Optional.
	22/2	Request maximum number of slots to be used	[1] 4.1.10	C.1	C.1: Mandatory IF LMP 2/1 "3-slot packets" OR LMP 2/2 "5-slot packets" are supported, otherwise Optional.
	22/3	Accept request of maximum number of slots to be used	[1] 4.1.10	C.1	C.1: Mandatory IF LMP 2/1 "3-slot packets" OR LMP 2/2 "5-slot packets" are supported, otherwise Optional.

Capability Statement

Table 23: Paging Scheme

Support	Item	Capability	Reference	Status	Comment
~	23/1	Request page mode to use	[1] 4.1.9, 4.1.9.1	0	
~	23/2	Accept suggested page mode	[1] 4.1.9, 4.1.9.1	0	
✓	23/3	Request page scan mode to use	[1] 4.1.9, 4.1.9.2	0	
\checkmark	23/4	Accept suggested page scan mode	[1] 4.1.9, 4.1.9.2	0	

Table 24: Connection Establishment

9	Support	Item	Capability	Reference	Status	Comment
	/	24/1	Create connection for higher layers	[1] 4.1.1	М	
	/	24/2	Respond to requests to establish connections for higher layers	[1] 4.1.1	М	
	/	24/3	Indicate that link set-up is complete	[1] 4.1.1	М	

Capability Statement

Table 25: Test Mode

Support	Item	Capability	Reference	Status	Comment
✓	25/1	Activate test mode	[1] 4.7.1	0	
V	25/2	Ability to reject activation of test mode if test mode is disabled	[1] 4.7.1	М	
\checkmark	25/3	Control test mode	[1] 4.7.2	0	
✓	25/4	Ability to reject est mode control commands if test mode is disabled.	[1] 4.7.2	М	

Capability Statement

Table 26: Adaptive Frequency Hopping

Prerequisite: LMP 2/16 "AFH"

Support	Item	Capability	Reference	Status	Comment
/	26/1	Support of AFH switch as master	[1] 4.1.4	0	

✓	26/2	Support of AFH switch as slave	[1] 4.1.4	М	
	26/3	Support of Channel Classification reporting - post Role Switch (as Slave)	[1] 4.1.5	C.1	C.1: Optional IF LMP 26/6 "Support of Channel Classification" is supported, otherwise Excluded.
	26/4	Support of Channel Classification reporting as slave	[1] 4.1.5	C.2	C.2: Mandatory IF LMP 26/6 "Support of Channel Classification" is supported, otherwise Excluded.
	26/5	Support channel classification from host	[1] 4.1.5	C.3	C.3: Mandatory IF LMP 26/1 "Support of AFH switch as master" OR LMP 26/4 "Support of Channel Classification reporting as slave" is supported, otherwise Optional.
✓	26/6	Support of Channel Classification	[1] 4.1.5	0	

Table 27: Ping

Prerequisite: LMP 2/27 "Ping"

Support	Item	Capability	Reference	Status	Comment
	27/1	Initiate LMP Ping	[4] 4.1.13	0	
	27/2	Respond to LMP Ping	[4] 4.1.13	М	

Capability Statement

Table 28: Coarse Clock Adjustment

Prerequisite: LMP 2/28 "Support of Coarse Clock Adjustment"

Support	Item	Capability	Reference	Status	Comment
	28/1	Receive Request for Coarse Clock Adjustment	[1] 4.1.14.1	0	
	28/2	Send Request for Coarse Clock Adjustment	[1] 4.1.14.1	0	

Capability Statement

Table 29: Slot Availability Mask

Prerequisite: LMP 2/29 "Slot Availability Mask"

	Support	Item	Capability	Reference	Status	Comment	
		29/1	Initiate SAM negotiations	[5] 4.1.15	0		
		29/2	Respond to SAM negotiations	[5] 4.1.15	М		
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