

Host Controller Interface

Bluetooth® Document

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The HCI Version

Parameter Name	Assigned Values	Reference
HCI_Version	0	Bluetooth® Core Specification 1.0b (Withdrawn)
	1	Bluetooth Core Specification 1.1 (Withdrawn)
	2	Bluetooth Core Specification 1.2 (Withdrawn)
	3	Bluetooth Core Specification 2.0 + EDR (Withdrawn)
	4	Bluetooth Core Specification 2.1 + EDR (Withdrawn)
	5	Bluetooth Core Specification 3.0 + HS (Withdrawn)
	6	Bluetooth Core Specification 4.0
	7	Bluetooth Core Specification 4.1
	8	Bluetooth Core Specification 4.2
	9	Bluetooth Core Specification 5.0
	10	Bluetooth Core Specification 5.1
	11	Bluetooth Core Specification 5.2
	12	Bluetooth Core Specification 5.3
	All other values	Reserved

Coding Format (1 Octet)

Assigned Number	Meaning	Note
0x00	u-law log	
0x01	A-law log	
0x02	CVSD	
0x03	Transparent	Indicates that the controller does not do any transcoding or resampling. See the command description for restrictions on the use of this value. This is also used for test mode.
0x04	Linear PCM	
0x05	mSBC	
0x06	LC3	
0x07	G.729A	This is a draft allocation associated with draft specifications and is subject to change.
0xFF	Vendor Specific	The codec is vendor-specific, as defined by the following 4 octets in the full coding format.



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PCM Data Format (1 Octet)

Assigned Number	Meaning	Note
0x00	N/A	This value does not apply to the coding format in use.
0x01	1's complement	
0x02	2's complement	
0x03	Sign-magnitude	
0x04	Unsigned	

Transport Layer (1 Octet)

Assigned Number	Meaning	Note
0x00	Disabled	
0x01	WCI-1 Transport	
0x02	WCI-2 Transport	

MWS Channel Type (1 Octet)

Assigned Number	Meaning	Note
0x00	TDD	
0x01	FDD	

