

Constant Tone Extension Service (CTES)

Bluetooth® Implementation Conformance Statement (ICS) Proforma

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1 Identification of the implementation

1.1 Implementation Under Test (IUT) identification

Identification of the Implementation Under Test (IUT) is to be filled in to provide as much detail as possible regarding version numbers and configuration options.

An ICS contact person to respond to queries regarding information supplied in this ICS proforma is named in the Declaration of Compliance: Summary of Selected Specifications in Implementation.

1.2 Versions

Table 0: X.Y Versions

Item	Version	Reference	Status
1	CTES v1.0	[1]	M

1.3 Transports

Table 1: Transport Requirements

Item	Transport	Reference	Status
1	Service supported over BR/EDR	[1] 1.5	C.1
2	Service supported over LE	[1] 1.5	M

C.1: Excluded for this Service.

1.4 Service requirements

Table 2: Service Requirements

Item	Capability	Reference	Status
1	Constant Tone Extension Service	[1] 2	M
2	Constant Tone Extension Enable Characteristic	[1] 3.1	M
3	Advertising Constant Tone Extension Minimum Length Characteristic	[1] 3.2	C.1
4	Advertising Constant Tone Extension Minimum Transmit Count Characteristic	[1] 3.3	C.1
5	Advertising Constant Tone Extension Transmit Duration Characteristic	[1] 3.4	C.1
6	Advertising Constant Tone Extension Interval Characteristic	[1] 3.5	C.1
7	Advertising Constant Tone Extension PHY Characteristic	[1] 3.6	C.1

C.1: Mandatory IF CTES 3/1 "CTE on Advertising Channels", otherwise Excluded.

Table 2a: Constant Tone Extension Enable

Item	Capability	Reference	Status
1	Enable AoA Constant Tone Extension on the ACL connection with the client	[1] 3.1.1.1	O
2	Enable AoD Constant Tone Extension in advertising packets	[1] 3.1.1.1	O

Table 3: Advertising Requirements

Item	Capability	Reference	Status
1	CTE on Advertising Channels	[1] 3	O

1.5 GATT requirements

Table 4: GATT Requirements

Item	Capability	Reference	Status	Inter-Layer Dependency
1	GATT Server over LE	[1] 1.4	M	[2] GATT 1a/3
2	Write Characteristic Value	[1] 1.4	M	[2] GATT 4/14

2 References

- [1] Constant Tone Extension Service Specification, Version 1.0
- [2] ICS Proforma for Generic Attribute Profile (GATT)

3 Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
0	p0	2021-01-19	Approved by BTI on 2020-12-06. CTES v1.0 adopted by BoD on 2021-01-12. Prepared for publication.
	p1r00–r01	2021-09-30 – 2021-12-03	TSE 17477 (rating 3): Added a new ICS table (Table 2a) for Constant Tone Extension Enable characteristic feature support. Incorporated minor consistency checker editorials. Performed template-related fixes. Updated copyright page to align with v2 of the DNMD.
1	p1	2022-01-25	Approved by BTI on 2022-01-06. Prepared for TCRL 2021-2 publication.
	p2r00	2023-09-12	TSE 23951 (rating 1): Resolved GATT inter-layer dependencies with updates to the Capability and ILD values in Table 4. Made editorial edits to align the document with the latest ICS template. Deleted draft revision history comments prior to p0.
2	p2	2024-07-01	Approved by BTI on 2024-04-21. Prepared for TCRL 2024-1 publication.

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