

Tx Power Service (TPS)

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: Major Versions (X.Y)

Item	Version	Reference	Status
1	TPS 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	Tx Power Service	[1] 2.1	M
2	Tx Power Level Characteristic	[1] 3.1	M
3	Tx Power Level Characteristic, Read	[1] 3.1.1	M
4	No longer used	N/A	N/A
5	No longer used	N/A	N/A
6	No longer used	N/A	N/A

1.5 GATT Requirements

Table 3: GATT Requirements

Item	Capability	Reference	Status	Inter-Layer Dependency
1	Generic Attribute Profile (GATT) Server	[1] 1.4	M	[2] GATT 1/2
2	No longer used	N/A	N/A	N/A
3	No longer used	N/A	N/A	N/A
4	No longer used	N/A	N/A	N/A

2 References

- [1] Tx Power 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	1.0.0	2011-06-27	Prepare for publication.
	1.0.1r0	2011-12-15	TSE 4635: Update Table 1 to reference GAP 0/3 to align with other GATT based services
1	1.0.1	2012-03-30	Prepare for publication.
	1.0.2r0	2012-05-21	TSE 4721: Table 2/4: Change status, add C.2 TSE 4745: Remove Item 2/5 (leave blank)
2	1.0.2	2012-07-24	Prepare for publication.
	1.0.3r00	2016-11-01	TSE 8023: Added Table 0. Updated References section. Editorial updates to table endnotes throughout (Tables 2 and 3). Updated template.
3	1.0.3	2016-12-13	Approved by BTI. Prepared for TCRL 2016-2 publication.
	1.0.3 edition 2r00	2018-11-26	Editorial changes only. Template updated. Revision History and contributors moved to the end of the document.
	1.0.3 edition 2	2020-01-10	Updated copyright page and confidentiality markings to support new Documentation Marking Requirements, performed minor formatting updates, and accepted all tracked changes to prepare for edition 2 publication.
	p4r00	2022-10-05 – 2022-10-06	TSE 19223 (rating 1): Updated to align with current ICS conventions/template. Removed Support columns and added an Inter-Layer Dependency column where appropriate. Replaced the Bluetooth logo in footers and updated the copyright page to align with v2 of the DNMD. Updated references. Removed the SDP table since BR/EDR is not supported for TPS. Removed GATT Notification and Write Characteristic since Service characteristic is READ only. Performed additional template-related formatting fixes. Added a Publication Number column to the Revision History. Revised the document numbering convention, setting the last release publication of 1.0.3 as p3.
4	p4	2023-02-07	Approved by BTI on 2022-12-28. Prepared for TCRL 2022-2 publication.

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