



BLUETOOTH PROFILE-CONFORMANCE TESTING

Report No: SRTC2018-9004(S)-18061502(C)

Product Name: BX2400 Bluetooth Component

Product Model: BX2400

Applicant: BlueX Microelectronics (Hefei) Co., Ltd.

Manufacturer: BlueX Microelectronics (Hefei) Co., Ltd.

Specification: Bluetooth Profile Test Suite Structure and Test Purposes

The State Radio_monitoring_center Testing Center (SRTC)

15th Building, No.30 Shixing Street, Shijingshan District, Beijing, China

Tel: 86-10-57996123 Fax: 86-10-57996388

Contents

1 GENERAL INFORMATION	2
1.1 Notes of the test report	2
1.2 Information about the testing laboratory	2
1.3 Applicant's details	2
1.4 Manufacturer's details	2
1.5 Test Environment	3
2 DESCRIPTION OF THE EQUIPMENT UNDER TEST	4
3 REFERENCE SPECIFICATION	5
4 KEY TO NOTES AND RESULT CODES	6
5 RESULTS SUMMARY	7
6 TEST RESULTS	8
6.1 GAP (Version: 10.2.1.10)	8
6.2 GATT (Version: 7.2.1.10)	9
6.3 L2CAP (Version: 10.2.1.10)	13
6.4 SM (Version: 10.2.1.10)	14
7 TEST EQUIPMENTS	15
Annex A–Protocol Implementation Conformance Staement(PICS)	16
GAP_PICS	16
GATT_PICS	22
L2CAP_PICS	30
SM_PICS	32
Annex B–Protocol Implementation Extra Information For Testing(PIXIT)	33
GAP_PIXIT	33
GATT_PIXIT	35
L2CAP_PIXIT	36
SM_PIXIT	37
Annex C –EUT Photograph	41

1 GENERAL INFORMATION

1.1 Notes of the test report

The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written permission of The State Radio_monitoring_center Testing Center (SRTC).

The test results relate only to individual items of the samples which have been tested.

1.2 Information about the testing laboratory

Company:	The State Radio_monitoring_center Testing Center (SRTC)
Address:	15th Building, No.30 Shixing Street, Shijingshan District
City:	Beijing
Country or Region:	P.R.China
Contacted person:	Peng Zhen
Tel:	+86 10 57996123
Fax:	+86 10 57996388
Email:	pengzhen@srtc.org.cn

1.3 Applicant's details

Company:	BlueX Microelectronics (Hefei) Co., Ltd.
Address:	Phase 2 Building F1, Suite 2107 No. 500 Wangjiang Rd., Hefei, Anhui, P.R. China
City:	Hefei
Country or Region:	P.R.China
Contacted person:	Zhou Ming
Tel:	+8613671862872
Fax:	+886-3-6670727
Email:	mingzhou@bluexmicro.com

1.4 Manufacturer's details

Company:	BlueX Microelectronics (Hefei) Co., Ltd.
Address:	Phase 2 Building F1, Suite 2107 No. 500 Wangjiang Rd., Hefei, Anhui, P.R. China
City:	Hefei
Country or Region:	P.R.China
Contacted person:	Zhou Ming
Tel:	+8613671862872
Fax:	+886-3-6670727
Email:	mingzhou@bluexmicro.com

1.5 Test Environment

Date of Receipt of test sample at SRTC:	2018.06.01
Testing Start Date:	2018.06.15
Testing End Date:	2018.06.15
Relative humidity(%):	45
Air pressure (kPa) :	101.1
Normal Temperature (°C):	24
PIXIT:	See annex B
Conformance log reference:	Refer to LOG documents
Retention date for log reference:	5 years

2 DESCRIPTION OF THE EQUIPMENT UNDER TEST

Product Name:	BX2400 Bluetooth Component
Product Model:	BX2400
Software Revision:	V01
Hardware Revision:	V01
Bluetooth Address:	66554433AAAA
PICS:	See Annex A
Description of EUT:	The BX2400, integrated with ARM Cortex-M0+, is a single-chip solution for Bluetooth Low Energy specification Core 5.0 and is compatible with Bluetooth V4.2. BX2400 provides ultra-low power solution for BLE connections. Rich digital and analog peripheral interfaces are integrated for external control which includes GPIO, SPI, UART, IIC, PWM and ADC.
Sampling Method:	Sample Delivered

3 REFERENCE SPECIFICATION

Specification	Version	Title
GAP	5.0.2	Generic Access Profile
GATT	5.0.2	Generic Attribute Profile
L2CAP	5.0.2	Logical Link Control and Adaptation Protocol
SM	5.0.2	Security Manager Protocol

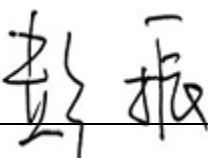
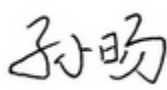

4 KEY TO NOTES AND RESULT CODES

Code	Meaning
PASS	Test result shows that the requirements of the relevant specification have been met.
FAIL	Test result shows that the requirements of the relevant specification have not been met.
N/A	Test case is not applicable.

5 RESULTS SUMMARY

The following table summarises the test results obtained.

PASS	156
FAIL	0
N/A	0
Total	156

This Test Report Is Issued by: Mr. Peng Zhen 	Checked by: Mr. Sun Yang 
Tested by: Ms. Shang Yangmei 	Issued date: 20180627

6 TEST RESULTS

6.1 GAP (Version: 10.2.1.10)

No.	Test Case Id	Verdict	Observations
1.	TP/DISC/NONM/BV-01-C	PASS	TestSetup1
2.	TP/DISC/NONM/BV-02-C	PASS	TestSetup1
3.	TP/CONN/UCON/BV-01-C	PASS	TestSetup1
4.	TP/IDLE/NAMP/BV-02-C	PASS	TestSetup1
5.	TP/BOND/NBON/BV-01-C	PASS	TestSetup1
6.	TP/BOND/NBON/BV-02-C	PASS	TestSetup1
7.	TP/BOND/NBON/BV-03-C	PASS	TestSetup1
8.	TP/BROB/BCST/BV-01-C	PASS	TestSetup1
9.	TP/ADV/BV-03-C	PASS	TestSetup1
10.	TP/BROB/OBSV/BV-01-C	PASS	TestSetup1
11.	TP/BROB/OBSV/BV-02-C	PASS	TestSetup1
12.	TP/CONN/CPUP/BV-04-C	PASS	TestSetup1
13.	TP/CONN/CPUP/BV-05-C	PASS	TestSetup1
14.	TP/CONN/CPUP/BV-06-C	PASS	TestSetup1
15.	TP/CONN/DCEP/BV-01-C	PASS	TestSetup1
16.	TP/CONN/DCEP/BV-03-C	PASS	TestSetup1
17.	TP/CONN/GCEP/BV-01-C	PASS	TestSetup1
18.	TP/CONN/GCEP/BV-02-C	PASS	TestSetup1
19.	TP/CONN/NCON/BV-01-C	PASS	TestSetup1
20.	TP/CONN/NCON/BV-03-C	PASS	TestSetup1
21.	TP/CONN/TERM/BV-01-C	PASS	TestSetup1
22.	TP/CONN/UCON/BV-02-C	PASS	TestSetup1
23.	TP/CONN/UCON/BV-03-C	PASS	TestSetup1
24.	TP/DISC/GENM/BV-04-C	PASS	TestSetup1

No.	Test Case Id	Verdict	Observations
25.	TP/DISC/GENP/BV-01-C	PASS	TestSetup1
26.	TP/DISC/GENP/BV-02-C	PASS	TestSetup1
27.	TP/DISC/GENP/BV-03-C	PASS	TestSetup1
28.	TP/DISC/GENP/BV-04-C	PASS	TestSetup1
29.	TP/DISC/GENP/BV-05-C	PASS	TestSetup1
30.	TP/DISC/LIMM/BV-04-C	PASS	TestSetup1

6.2 GATT (Version: 7.2.1.10)

No.	Test Case Id	Verdict	Observations
1.	GATT/SR/GAR/BV-01-C	PASS	TestSetup1
2.	GATT/SR/GAR/BI-01-C	PASS	TestSetup1
3.	GATT/SR/GAR/BI-02-C	PASS	TestSetup1
4.	GATT/SR/GAR/BV-03-C	PASS	TestSetup1
5.	GATT/SR/GAR/BI-06-C	PASS	TestSetup1
6.	GATT/SR/GAR/BI-07-C	PASS	TestSetup1
7.	GATT/SR/GAR/BI-08-C	PASS	TestSetup1
8.	GATT/CL/GAD/BV-03-C	PASS	TestSetup1
9.	GATT/SR/GAR/BV-04-C	PASS	TestSetup1
10.	GATT/SR/GAR/BV-08-C	PASS	TestSetup1
11.	GATT/SR/GAR/BI-12-C	PASS	TestSetup1
12.	GATT/SR/GAR/BI-13-C	PASS	TestSetup1
13.	GATT/SR/GAR/BI-14-C	PASS	TestSetup1
14.	GATT/SR/GAR/BV-05-C	PASS	TestSetup1
15.	GATT/SR/GAR/BI-18-C	PASS	TestSetup1
16.	GATT/SR/GAR/BI-19-C	PASS	TestSetup1
17.	GATT/SR/GAR/BV-06-C	PASS	TestSetup1
18.	GATT/SR/GAR/BV-07-C	PASS	TestSetup1

No.	Test Case Id	Verdict	Observations
19.	GATT/CL/GAS/BV-01-C	PASS	TestSetup1
20.	GATT/SR/GAS/BV-01-C	PASS	TestSetup1
21.	GATT/CL/GAT/BV-01-C	PASS	TestSetup1
22.	GATT/CL/GAR/BI-01-C	PASS	TestSetup1
23.	GATT/CL/GAR/BI-02-C	PASS	TestSetup1
24.	GATT/CL/GAR/BV-01-C	PASS	TestSetup1
25.	GATT/CL/GAT/BV-02-C	PASS	TestSetup1
26.	GATT/CL/GAW/BI-02-C	PASS	TestSetup1
27.	GATT/CL/GAW/BI-03-C	PASS	TestSetup1
28.	GATT/CL/GAW/BI-33-C	PASS	TestSetup1
29.	GATT/CL/GAW/BV-03-C	PASS	TestSetup1
30.	GATT/SR/GAT/BV-01-C	PASS	TestSetup1
31.	GATT/SR/GAI/BV-01-C	PASS	TestSetup1
32.	GATT/CL/GAW/BI-07-C	PASS	TestSetup1
33.	GATT/CL/GAW/BI-08-C	PASS	TestSetup1
34.	GATT/CL/GAW/BI-09-C	PASS	TestSetup1
35.	GATT/CL/GAW/BV-05-C	PASS	TestSetup1
36.	GATT/CL/GAD/BV-04-C	PASS	TestSetup1
37.	GATT/CL/GAW/BI-32-C	PASS	TestSetup1
38.	GATT/CL/GAW/BV-06-C	PASS	TestSetup1
39.	GATT/CL/GAD/BV-05-C	PASS	TestSetup1
40.	GATT/CL/GAW/BI-34-C	PASS	TestSetup1
41.	GATT/CL/GAW/BV-01-C	PASS	TestSetup1
42.	GATT/CL/GAW/BV-02-C	PASS	TestSetup1
43.	GATT/CL/GAW/BV-08-C	PASS	TestSetup1
44.	GATT/CL/GAW/BV-09-C	PASS	TestSetup1
45.	GATT/SR/GAW/BI-01-C	PASS	TestSetup1

No.	Test Case Id	Verdict	Observations
46.	GATT/SR/GAW/BV-02-C	PASS	TestSetup1
47.	GATT/SR/GAW/BI-02-C	PASS	TestSetup1
48.	GATT/SR/GAW/BI-03-C	PASS	TestSetup1
49.	GATT/SR/GAW/BI-32-C	PASS	TestSetup1
50.	GATT/SR/GAW/BV-03-C	PASS	TestSetup1
51.	GATT/SR/GAW/BI-07-C	PASS	TestSetup1
52.	GATT/SR/GAW/BI-08-C	PASS	TestSetup1
53.	GATT/SR/GAW/BI-09-C	PASS	TestSetup1
54.	GATT/SR/GAW/BV-05-C	PASS	TestSetup1
55.	GATT/CL/GAD/BV-06-C	PASS	TestSetup1
56.	GATT/SR/GAW/BI-33-C	PASS	TestSetup1
57.	GATT/SR/GAW/BV-01-C	PASS	TestSetup1
58.	GATT/SR/GAW/BV-06-C	PASS	TestSetup1
59.	GATT/SR/GAW/BV-07-C	PASS	TestSetup1
60.	GATT/SR/GAW/BV-10-C	PASS	TestSetup1
61.	GATT/SR/GAW/BV-08-C	PASS	TestSetup1
62.	GATT/SR/GAW/BV-11-C	PASS	TestSetup1
63.	GATT/SR/GAW/BV-09-C	PASS	TestSetup1
64.	GATT/CL/GPA/BV-01-C	PASS	TestSetup1
65.	GATT/CL/GPA/BV-02-C	PASS	TestSetup1
66.	GATT/CL/GPA/BV-03-C	PASS	TestSetup1
67.	GATT/CL/GPA/BV-04-C	PASS	TestSetup1
68.	GATT/CL/GPA/BV-05-C	PASS	TestSetup1
69.	GATT/CL/GPA/BV-06-C	PASS	TestSetup1
70.	GATT/CL/GPA/BV-07-C	PASS	TestSetup1
71.	GATT/CL/GPA/BV-08-C	PASS	TestSetup1
72.	GATT/SR/GAD/BV-01-C	PASS	TestSetup1

No.	Test Case Id	Verdict	Observations
73.	GATT/CL/GPA/BV-11-C	PASS	TestSetup1
74.	GATT/CL/GPA/BV-12-C	PASS	TestSetup1
75.	GATT/CL/GPA/BV-12-C	PASS	TestSetup1
76.	GATT/CL/GPA/BV-12-C	PASS	TestSetup1
77.	GATT/CL/GPA/BV-12-C	PASS	TestSetup1
78.	GATT/CL/GPA/BV-12-C	PASS	TestSetup1
79.	GATT/SR/GPA/BV-01-C	PASS	TestSetup1
80.	GATT/SR/GPA/BV-02-C	PASS	TestSetup1
81.	GATT/SR/GPA/BV-03-C	PASS	TestSetup1
82.	GATT/SR/GPA/BV-04-C	PASS	TestSetup1
83.	GATT/SR/GPA/BV-05-C	PASS	TestSetup1
84.	GATT/SR/GPA/BV-06-C	PASS	TestSetup1
85.	GATT/SR/GAD/BV-02-C	PASS	TestSetup1
86.	GATT/SR/GPA/BV-07-C	PASS	TestSetup1
87.	GATT/SR/GPA/BV-08-C	PASS	TestSetup1
88.	GATT/SR/GPA/BV-11-C	PASS	TestSetup1
89.	GATT/SR/GPA/BV-12-C	PASS	TestSetup1
90.	GATT/SR/GPA/BV-12-C	PASS	TestSetup1
91.	GATT/SR/GPA/BV-12-C	PASS	TestSetup1
92.	GATT/SR/GPA/BV-12-C	PASS	TestSetup1
93.	GATT/SR/GPA/BV-12-C	PASS	TestSetup1
94.	GATT/SR/GAD/BV-03-C	PASS	TestSetup1
95.	GATT/SR/GAD/BV-04-C	PASS	TestSetup1
96.	GATT/SR/GAD/BV-05-C	PASS	TestSetup1
97.	GATT/SR/GAD/BV-06-C	PASS	TestSetup1
98.	GATT/CL/GAI/BV-01-C	PASS	TestSetup1
99.	GATT/SR/UNS/BI-01-C	PASS	TestSetup1

No.	Test Case Id	Verdict	Observations
100.	GATT/SR/UNS/BI-02-C	PASS	TestSetup1
101.	GATT/CL/GAN/BV-01-C	PASS	TestSetup1
102.	GATT/SR/GAN/BV-01-C	PASS	TestSetup1
103.	GATT/CL/GAR/BI-06-C	PASS	TestSetup1
104.	GATT/CL/GAR/BI-07-C	PASS	TestSetup1
105.	GATT/CL/GAR/BV-03-C	PASS	TestSetup1
106.	GATT/CL/GAR/BI-12-C	PASS	TestSetup1
107.	GATT/CL/GAR/BI-13-C	PASS	TestSetup1
108.	GATT/CL/GAR/BI-14-C	PASS	TestSetup1
109.	GATT/CL/GAR/BV-04-C	PASS	TestSetup1
110.	GATT/CL/GAR/BI-18-C	PASS	TestSetup1
111.	GATT/CL/GAR/BI-19-C	PASS	TestSetup1
112.	GATT/CL/GAR/BV-05-C	PASS	TestSetup1
113.	GATT/CL/GAC/BV-01-C	PASS	TestSetup1
114.	GATT/SR/GAC/BV-01-C	PASS	TestSetup1
115.	GATT/CL/GAR/BI-35-C	PASS	TestSetup1
116.	GATT/CL/GAD/BV-01-C	PASS	TestSetup1
117.	GATT/CL/GAR/BV-06-C	PASS	TestSetup1
118.	GATT/CL/GAR/BV-07-C	PASS	TestSetup1
119.	GATT/CL/GAD/BV-02-C	PASS	TestSetup1

6.3 L2CAP (Version: 10.2.1.10)

No.	Test Case Id	Verdict	Observations
1.	TP/LE/CFC/BV-17-C	PASS	TestSetup1
2.	TP/LE/CPU/BI-01-C	PASS	TestSetup1
3.	TP/LE/CPU/BV-02-C	PASS	TestSetup1
4.	TP/LE/REJ/BI-01-C	PASS	TestSetup1

6.4 SM (Version: 10.2.1.10)

No.	Test Case Id	Verdict	Observations
1.	TP/PROT/BV-01-C	PASS	TestSetup1
2.	TP/PROT/BV-02-C	PASS	TestSetup1
3.	TP/SIP/BV-02-C	PASS	TestSetup1

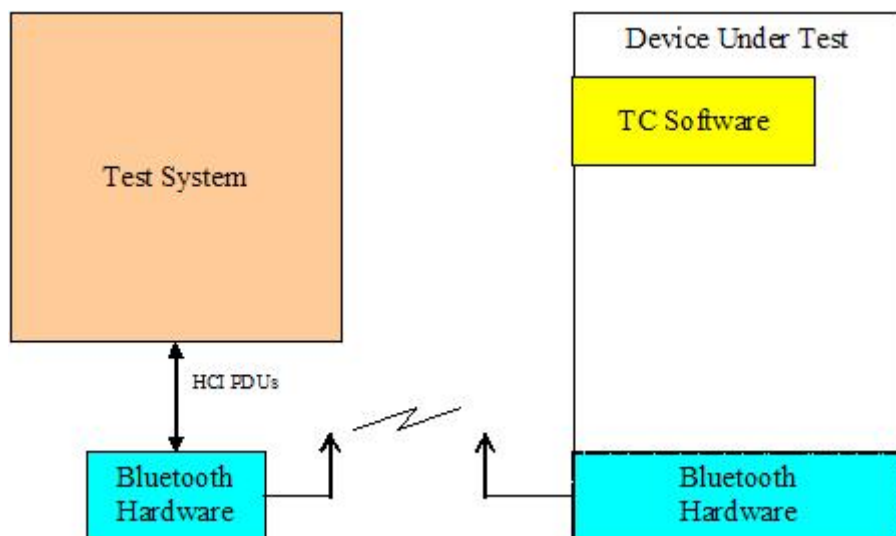
7 TEST EQUIPMENTS

Conformance testing was performed using test equipment calibrated in accordance with CNAS accreditation requirements. Calibration, configuration records and equipment details used for conformance testing are available for inspection at SRTC if required.

Software:	Bluetooth Profile Test Software PTS– v7.2.1
Hardware	CSR NANOSTRA dongle
Auxiliary:	Lenovo T440 laptop

Observations: The Test Setup used for the testing was the following:

TestSetup1:



The Test System PTS for Bluetooth is running on a PC System. The test system communicates with the Bluetooth Hardware via an HCI connection.

Annex A–Protocol Implementation Conformance Staement(PICS)

GAP_PICS

Item	Description	Values
1.	0_1:BR/EDR (See Spec)	FALSE
2.	0_2:LE (See Spec)	TRUE
3.	0_3:BR/EDR/LE (See Spec)	FALSE
4.	0a_1:Core Specification Addendum 3 (CSA3), GAP Connection Parameters Changes, Authentication and Lost Bond Changes, Private Addressing Changes, Dual Mode Addressing Changes, Adopted 24 July 2012 (See Spec)	FALSE
5.	0a_2:Core Specification Addendum 4 (CSA4)	FALSE
6.	0a_4: Core Spec version 4.2 (Core v4.2), Adopted 02 December 2014	FALSE
7.	0a_5: Core Spec version 5.0 (Core v5.0), Adopted 06 December 2016	TRUE
8.	5_1: Broadcaster	TRUE
9.	5_2: Observer	TRUE
10.	5_3: Peripheral	TRUE
11.	5_4: Central	TRUE
12.	6_1:Broadcaster: Transmitter (M)	TRUE
13.	6_2:Broadcaster: Receiver (O)	TRUE
14.	7_1:Broadcaster: Standby (M)	TRUE
15.	7_2:Broadcaster: Advertising (M)	TRUE
16.	8_1:Broadcaster: Non-Connectable Undirected Event (M)	TRUE
17.	8_2:Broadcaster: Scannable Undirected Event (O)	FALSE
18.	8a_1:AD Type-Service UUID (O)	FALSE
19.	8a_2:AD Type-Local Name (O)	FALSE
20.	8a_3:AD Type-Flags (O)	TRUE

Item	Description	Values
21.	8a_4:AD Type-Manufacturer Specific Data (O)	FALSE
22.	8a_5:AD Type-TX Power Level (O)	FALSE
23.	8a_6:AD Type-Security Manager Out of Band (OOB) (O)	FALSE
24.	8a_7:AD Type-Security manager TK Value (O)	FALSE
25.	8a_8:AD Type-Slave Connection Interval Range (O)	FALSE
26.	8a_9:AD Type-Service Solicitation (O)	FALSE
27.	8a_10:AD Type-Service Data (O)	FALSE
28.	9_1:Broadcaster: Non-Connectable Mode (M)	TRUE
29.	10_1:Broadcaster: Broadcast Mode (M)	TRUE
30.	11_1: Privacy Feature	FALSE
31.	11_2: Resolvable Private Address Generation Procedure	FALSE
32.	12_1: Receiver	TRUE
33.	12_2: Transmitter	TRUE
34.	13_1: Standby	TRUE
35.	13_2: Scanning	TRUE
36.	14_1: Passive Scanning	TRUE
37.	14_2: Active Scanning	TRUE
38.	15_1:Non-Connectable Modes	TRUE
39.	16_1: Observation Procedure	TRUE
40.	17_1: Privacy Feature	FALSE
41.	17_2: Non-Resolvable Private Address Generation Procedure	FALSE
42.	17_3: Resolvable Private Address Resolution Procedure	FALSE
43.	17_4: Resolvable Private Address Generation Procedure	FALSE
44.	18_1:Peripheral: Transmitter (M)	TRUE
45.	18_2:Peripheral: Receiver (See Spec)	TRUE
46.	19_1:Peripheral: Standby (See Spec)	TRUE
47.	19_2:Peripheral: Advertising (See Spec)	TRUE

Item	Description	Values
48.	19_3:Peripheral: Connection, Slave Role (See Spec)	TRUE
49.	20_1:Peripheral: Connectable Undirected Event (See Spec)	TRUE
50.	20_2:Peripheral: Connectable Directed Event (See Spec)	TRUE
51.	20_2A:Peripheral: Low Duty Directed Advertising (See Spec)	FALSE
52.	20_3:Peripheral: Non-Connectable Undirected Event (O)	FALSE
53.	20_4:Peripheral: Scannable Undirected Event (O)	FALSE
54.	20A_1:AD Type-Service UUID (C.1)	FALSE
55.	20A_2:AD Type-Local Name (C.1)	FALSE
56.	20A_3:AD Type-Flags (C.2)	TRUE
57.	20A_4:AD Type-Manufacturer Specific Data (C.1)	TRUE
58.	20A_5:AD Type-TX Power Level (C.1)	FALSE
59.	20A_7: AD Type – Security Manager TK Value	FALSE
60.	20A_8: AD Type – Slave Connection Interval Range	FALSE
61.	20A_9: AD Type - Service Solicitation	FALSE
62.	20A_10: AD Type – Service Data	FALSE
63.	21_1:Peripheral: Connection Update Procedure (C.1)	TRUE
64.	21_2:Peripheral: Channel Map Update Procedure (C.1)	TRUE
65.	21_3:Peripheral: Encryption Procedure (C.2)	FALSE
66.	21_4:Peripheral: Master Initiated Feature Exchange Procedure (C.1)	TRUE
67.	21_5:Peripheral: Version Exchange Procedure (C.1)	TRUE
68.	21_6:Peripheral: Termination Procedure (C.1)	TRUE
69.	21_8: Slave Initiated Feature Exchange Procedure	TRUE
70.	22_1:Peripheral: Non-Discoverable Mode (C.1)	TRUE
71.	22_2:Peripheral: Limited Discoverable Mode (C.2)	TRUE
72.	22_3:Peripheral: General Discoverable Mode (C.3)	TRUE
73.	22_4:Peripheral: Name Discovery Procedure (C.4)	FALSE

Item	Description	Values
74.	23_1:Peripheral: Non-Connectable Mode (M)	TRUE
75.	23_2:Peripheral: Directed Connectable Mode (C.1)	FALSE
76.	23_3:Peripheral: Undirected Connectable Mode (C.2)	TRUE
77.	23_4:Peripheral: Connection Parameter Update Procedure (C.2)	FALSE
78.	23_5:Peripheral: Terminate Connection Procedure (C.2)	TRUE
79.	24_1:Peripheral: Non-Bondable Mode (M)	TRUE
80.	24_2:Peripheral: Bondable Mode (C.1)	FALSE
81.	24_3:Peripheral: Bonding Procedure (C.1)	FALSE
82.	24_4:Peripheral: Multiple Bonds (C.2)	FALSE
83.	25_1:Peripheral: Security Mode 1 (O)	FALSE
84.	25_2:Peripheral: Security Mode 2 (O)	FALSE
85.	25_3:Peripheral: Authentication Procedure (O)	FALSE
86.	25_4:Peripheral: Authorization Procedure (O)	FALSE
87.	25_5:Peripheral: Connection Data Signing Procedure (O)	FALSE
88.	26_1: Privacy Feature	FALSE
89.	26_2: Non-Resolvable Private Address Generation Procedure	FALSE
90.	26_3: Resolvable Private Address Generation Procedure	FALSE
91.	26_4: Resolvable Private Address Resolution Procedure	FALSE
92.	27_1:Peripheral: Device Name (M)	TRUE
93.	27_2:Peripheral: Appearance (M)	TRUE
94.	27_3:Peripheral: Peripheral Privacy Flag (See Spec)	FALSE
95.	27_4:Peripheral: Reconnection Address (See Spec)	FALSE
96.	27_5:Peripheral: Peripheral Preferred Connection Parameters (O)	FALSE
97.	27_6:Peripheral: Writeable Device Name (O)	FALSE
98.	27_7:Peripheral: Writeable Appearance (O)	FALSE
99.	27_8:Peripheral: Writeable Peripheral Privacy Flag (O)	FALSE

Item	Description	Values
100.	28_1: Transmitter	TRUE
101.	28_2: Receiver	TRUE
102.	29_1: Standby	TRUE
103.	29_2: Scanning	TRUE
104.	29_3: Initiating	TRUE
105.	29_4: Connection, Master Role	TRUE
106.	30_1: Passive Scanning	TRUE
107.	30_2: Active Scanning	TRUE
108.	31_1: Connection Update Procedure	TRUE
109.	31_2: Channel Map Update Procedure	TRUE
110.	31_3: Encryption Procedure	FALSE
111.	31_4: Feature Exchange Procedure	TRUE
112.	31_5: Version Exchange Procedure	TRUE
113.	31_6: Termination Procedure	TRUE
114.	32_1: Limited Discovery Procedure	FALSE
115.	32_2: General Discovery Procedure	TRUE
116.	32_3: Name Discovery Procedure	FALSE
117.	33_1: Auto Connection Establishment Procedure	FALSE
118.	33_2: General Connection Establishment	TRUE
119.	33_3: Selective Connection Establishment	FALSE
120.	33_4: Direct Connection Establishment	TRUE
121.	33_5: Connection Parameter Update Procedure	TRUE
122.	33_6: Terminate Connection Procedure	TRUE
123.	34_1: Non-Bondable Mode	TRUE
124.	34_2: Bondable Mode	FALSE
125.	34_3: Bonding Procedure	FALSE
126.	35_1: Security Mode 1	FALSE

Item	Description	Values
127.	35_2: Security Mode 2	FALSE
128.	35_3: Authentication Procedure	FALSE
129.	35_4: Authorization Procedure	FALSE
130.	35_5: Connection Data Signing Procedure	FALSE
131.	35_6: Authenticate Signed Data Procedure	FALSE
132.	35_7: Authenticated Pairing (LE security mode 1 level 3)	FALSE
133.	35_8: Unauthenticated Pairing (LE security mode1 level2)	FALSE
134.	36_1: Privacy Feature	FALSE
135.	36_2: Non-Resolvable Private Address Generation Procedure	FALSE
136.	36_3: Resolvable Private Address Resolution Procedure	FALSE
137.	36_5: Resolvable Private Address Generation Procedure	FALSE
138.	37_1: Device Name	TRUE
139.	37_2: Appearance	TRUE
140.	38_1: Broadcaster	FALSE
141.	38_2: Observer	FALSE
142.	38_3: Peripheral	FALSE
143.	38_4: Central	FALSE
144.	41_1: Security Aspects	FALSE
145.	42_1: Non-Discoverable Mode	FALSE
146.	42_2: Discoverable Mode	FALSE
147.	42_3: Non-Connectable Mode	FALSE
148.	42_4: Connectable Mode	FALSE
149.	42_5: Non-Bondable Mode	FALSE
150.	42_6: Bondable Mode	FALSE
151.	43_1: Security Aspects	FALSE

GATT_PICS

Item	Description	Values
1.	1_1:Generic Attribute Profile Client	TRUE
2.	1_2:Generic Attribute Profile Server	TRUE
3.	1_3:Complete GATT client	TRUE
4.	1_4:Complete GATT server	TRUE
5.	2_1:Attribute Protocol Supported over BR/EDR (L2CAP fixed channel support) (C1)	FALSE
6.	2_2:Attribute Protocol Supported over LE (C1)	TRUE
7.	3_1:Exchange MTU	TRUE
8.	3_2:Discover All Primary Services	TRUE
9.	3_3:Discover Primary Services by Service UUID	TRUE
10.	3_4:Find Included Services	TRUE
11.	3_5:Discover All characteristics of a Service	TRUE
12.	3_6:Discover Characteristics by UUID	TRUE
13.	3_7:Discover All Characteristic Descriptors	TRUE
14.	3_8:Read Characteristic Value	TRUE
15.	3_9:Read Using Characteristic UUID	TRUE
16.	3_10:Read Long Characteristic Values	TRUE
17.	3_11:Read Multiple Characteristic Values	TRUE
18.	3_12:Write without Response	TRUE
19.	3_13:Signed Write Without Response	TRUE
20.	3_14:Write Characteristic Value	TRUE
21.	3_15:Write Long Characteristic Values	TRUE
22.	3_16:Characteristic Value Reliable Writes	TRUE
23.	3_17:Notifications	TRUE
24.	3_18:Indications	TRUE
25.	3_19:Read Characteristic Descriptors	TRUE

Item	Description	Values
26.	3_20:Read Long Characteristic Descriptors	TRUE
27.	3_21:Write Characteristic Descriptors	TRUE
28.	3_22:Write Long Characteristic Descriptors	TRUE
29.	3_23:Service Changed Characteristic	TRUE
30.	3_24:Configured Broadcast	TRUE
31.	3B_1:Primary Service Declaration	TRUE
32.	3B_2:Secondary Service Declaration	TRUE
33.	3B_3:Include Declaration	TRUE
34.	3B_4:Characteristic Declaration	TRUE
35.	3B_5:Characteristic Value Declaration	TRUE
36.	3B_6:Characteristic Extended Properties	TRUE
37.	3B_7:Characteristic User Description Descriptor	TRUE
38.	3B_8:Client Characteristic Configuration Descriptor	TRUE
39.	3B_9:Server Characteristic Configuration Descriptor	TRUE
40.	3B_10:Characteristic Format Descriptor	TRUE
41.	3B_11:Characteristic Aggregate Format Descriptor	TRUE
42.	3B_12:Characteristic Format: Boolean	TRUE
43.	3B_13:Characteristic Format: 2Bit	TRUE
44.	3B_14:Characteristic Format: nibble	TRUE
45.	3B_15:Characteristic Format: UInt8	TRUE
46.	3B_16:Characteristic Format: UInt12	TRUE
47.	3B_17:Characteristic Format: UInt16	TRUE
48.	3B_18:Characteristic Format: UInt24	TRUE
49.	3B_19:Characteristic Format: UInt32	TRUE
50.	3B_20:Characteristic Format: UInt48	TRUE
51.	3B_21:Characteristic Format: UInt64	TRUE
52.	3B_22:Characteristic Format: UInt128	TRUE

Item	Description	Values
53.	3B_23:Characteristic Format: Sint8	TRUE
54.	3B_24:Characteristic Format: Sint12	TRUE
55.	3B_25:Characteristic Format: Sint16	TRUE
56.	3B_26:Characteristic Format: Sint24	TRUE
57.	3B_27:Characteristic Format: Sint32	TRUE
58.	3B_28:Characteristic Format: Sint48	TRUE
59.	3B_29:Characteristic Format: Sint64	TRUE
60.	3B_30:Characteristic Format: Sint128	TRUE
61.	3B_31:Characteristic Format: Float32	TRUE
62.	3B_32:Characteristic Format: Float64	TRUE
63.	3B_33:Characteristic Format: SFLOAT	TRUE
64.	3B_34:Characteristic Format: FLOAT	TRUE
65.	3B_35:Characteristic Format: Duint16	TRUE
66.	3B_36:Characteristic Format: utf8s	TRUE
67.	3B_37:Characteristic Format: utf16s	TRUE
68.	3B_38:Characteristic Format: struct	TRUE
69.	4_1:Exchange MTU	TRUE
70.	4_2:Discover All Primary Services	TRUE
71.	4_3:Discover Primary Services by Service UUID	TRUE
72.	4_4:Find Included Services	TRUE
73.	4_5:Discover All characteristics of a Service	TRUE
74.	4_6:Discover Characteristics by UUID	TRUE
75.	4_7:Discover All Characteristic Descriptors	TRUE
76.	4_8:Read Characteristic Value	TRUE
77.	4_9:Read Using Characteristic UUID	TRUE
78.	4_10:Read Long Characteristic Values	TRUE
79.	4_11:Read Multiple Characteristic Values	TRUE

Item	Description	Values
80.	4_12:Write without Response	TRUE
81.	4_13:Signed Write Without Response	TRUE
82.	4_14:Write Characteristic Value	TRUE
83.	4_15:Write Long Characteristic Values	TRUE
84.	4_16:Characteristic Value Reliable Writes	TRUE
85.	4_17:Notifications	TRUE
86.	4_18:Indications	TRUE
87.	4_19:Read Characteristic Descriptors	TRUE
88.	4_20:Read Long Characteristic Descriptors	TRUE
89.	4_21:Write Characteristic Descriptors	TRUE
90.	4_22:Write Long Characteristic Descriptors	TRUE
91.	4_23:Service Changed Characteristic	TRUE
92.	4_24:Configured Broadcast	FALSE
93.	4_25:Execute Write Request with empty queue	TRUE
94.	4B_1:Primary Service Declaration	TRUE
95.	4B_2:Secondary Service Declaration	TRUE
96.	4B_3:Include Declaration	TRUE
97.	4B_4:Characteristic Declaration	TRUE
98.	4B_5:Characteristic Value Declaration	TRUE
99.	4B_6:Characteristic Extended Properties	TRUE
100.	4B_7:Characteristic User Description Descriptor	TRUE
101.	4B_8:Client Characteristic Configuration Descriptor	TRUE
102.	4B_9:Server Characteristic Configuration Descriptor	TRUE
103.	4B_10:Characteristic Format Descriptor	TRUE
104.	4B_11:Characteristic Aggregate Format Descriptor	TRUE
105.	4B_12:Characteristic Format: Boolean	TRUE
106.	4B_13:Characteristic Format: 2Bit	TRUE

Item	Description	Values
107.	4B_14:Characteristic Format: nibble	TRUE
108.	4B_15:Characteristic Format: Uint8	TRUE
109.	4B_16:Characteristic Format: Uint12	TRUE
110.	4B_17:Characteristic Format: Uint16	TRUE
111.	4B_18:Characteristic Format: Uint24	TRUE
112.	4B_19:Characteristic Format: Uint32	TRUE
113.	4B_20:Characteristic Format: Uint48	TRUE
114.	4B_21:Characteristic Format: Uint64	TRUE
115.	4B_22:Characteristic Format: Uint128	TRUE
116.	4B_23:Characteristic Format: Sint8	TRUE
117.	4B_24:Characteristic Format: Sint12	TRUE
118.	4B_25:Characteristic Format: Sint16	TRUE
119.	4B_26:Characteristic Format: Sint24	TRUE
120.	4B_27:Characteristic Format: Sint32	TRUE
121.	4B_28:Characteristic Format: Sint48	TRUE
122.	4B_29:Characteristic Format: Sint64	TRUE
123.	4B_30:Characteristic Format: Sint128	TRUE
124.	4B_31:Characteristic Format: Float32	TRUE
125.	4B_32:Characteristic Format: Float64	TRUE
126.	4B_33:Characteristic Format: SFLOAT	TRUE
127.	4B_34:Characteristic Format: FLOAT	TRUE
128.	4B_35:Characteristic Format: Duint16	TRUE
129.	4B_36:Characteristic Format: utf8s	TRUE
130.	4B_37:Characteristic Format: utf16s	TRUE
131.	4B_38:Characteristic Format: struct	TRUE
132.	6_2: Discover GATT Services using Service Discovery Profile	FALSE
133.	6_3: Publish SDP record for GATT services support via BR/EDR	FALSE

Item	Description	Values
134.	7_1: Security Mode 4 (O)	FALSE
135.	7_2:LE Security Mode 1 (O)	FALSE
136.	7_3:LE Security Mode 2 (O)	FALSE
137.	7_4:LE Authentication Procedure (O)	FALSE
138.	7_5:LE connection data signing procedure (O)	FALSE
139.	7_6:LE Authenticate signed data procedure (O)	FALSE
140.	7_7:LE Authorization Procedure (O)	FALSE
141.	1_1: Attribute Protocol Client	FALSE
142.	1_2: Attribute Protocol Server	FALSE
143.	2_1: Attribute Protocol Supported over BR/EDR (L2CAP fixed channel support)	FALSE
144.	2_2: Attribute Protocol Supported over LE	FALSE
145.	3_1:Attribute Error Response	FALSE
146.	3_2:Exchange MTU Request	FALSE
147.	3_3:Exchange MTU Response	FALSE
148.	3_4:Find Information Request	FALSE
149.	3_5:Find Information Response	FALSE
150.	3_6:Find by Type Value Request	FALSE
151.	3_7:Find by Type Value Response	FALSE
152.	3_8:Read by Type Request	FALSE
153.	3_9:Read by Type Response	FALSE
154.	3_10:Read Request	FALSE
155.	3_11:Read Response	FALSE
156.	3_12:Read Blob Request	FALSE
157.	3_13:Read Blob Response	FALSE
158.	3_14:Read Multiple Request	FALSE
159.	3_15:Read Multiple Response	FALSE

Item	Description	Values
160.	3_16:Read by Group Type Request	FALSE
161.	3_17:Read by Group Type Response	FALSE
162.	3_18:Write Request	FALSE
163.	3_19:Write Response	FALSE
164.	3_20:Write Command	FALSE
165.	3_21:Signed Write Command	FALSE
166.	3_22:Prepare Write Request	FALSE
167.	3_23:Prepare Write Response	FALSE
168.	3_24:Execute Write Request	FALSE
169.	3_25:Execute Write Response	FALSE
170.	3_26:Handle Value Notification	FALSE
171.	3_27:Handle-Value Indication	FALSE
172.	3_28:Handle Value Confirmation	FALSE
173.	3_29:Client Timeout	FALSE
174.	4_1:Attribute Error Response	FALSE
175.	4_2:Exchange MTU Request	FALSE
176.	4_3:Exchange MTU Response	FALSE
177.	4_4:Find Information Request	FALSE
178.	4_5:Find Information Response	FALSE
179.	4_6:Find by Type Value Request	FALSE
180.	4_7:Find by Type Value Response	FALSE
181.	4_8:Read by Type Request	FALSE
182.	4_9:Read by Type Response	FALSE
183.	4_10:Read Request	FALSE
184.	4_11:Read Response	FALSE
185.	4_12:Read Blob Request	FALSE
186.	4_13:Read Blob Response	FALSE

Item	Description	Values
187.	4_14:Read Multiple Request	FALSE
188.	4_15:Read Multiple Response	FALSE
189.	4_16:Read by Group Type Request	FALSE
190.	4_17:Read by Group Type Response	FALSE
191.	4_18:Write Request	FALSE
192.	4_19:Write Response	FALSE
193.	4_20:Write Command	FALSE
194.	4_21:Signed Write Command	FALSE
195.	4_22:Prepare Write Request	FALSE
196.	4_23:Prepare Write Response	FALSE
197.	4_24:Execute Write Request	FALSE
198.	4_25:Execute Write Response	FALSE
199.	4_26:Handle Value Notification	FALSE
200.	4_27:Handle-Value Indication	FALSE
201.	4_28:Handle Value Confirmation	FALSE
202.	4_29:Server Timeout	FALSE
203.	5_1: Security Mode 4	FALSE
204.	5_2: LE Security Mode 1	FALSE
205.	5_3: LE Security Mode 2	FALSE
206.	5_4: LE Authentication Procedure	FALSE
207.	5_5: LE connection data signing procedur	FALSE
208.	5_6: LE Authenticate signed data procedure	FALSE
209.	5_7: LE Authorization Procedure	FALSE

L2CAP_PICS

Item	Description	Values
1.	0_2: Bluetooth low energy only	TRUE
2.	1_1: Data Channel Initiator.	FALSE
3.	1_2: Data Channel Acceptor.	FALSE
4.	1_3: LE Master.	TRUE
5.	1_4: LE Slave.	TRUE
6.	1_5: LE Data Channel Initiator.	FALSE
7.	1_6: LE Data Channel Acceptor.	TRUE
8.	2_1: Support of L2CAP signalling channel	FALSE
9.	2_2: Support of configuration process	FALSE
10.	2_3: Support of connection oriented data channel	FALSE
11.	2_4: Support of command echo request	FALSE
12.	2_5: Support of command echo response	FALSE
13.	2_6: Support of command information request	FALSE
14.	2_7: Support of command information response	FALSE
15.	2_12: Enhanced Retransmission Mode	FALSE
16.	2_13: Streaming Mode	FALSE
17.	2_14: FCS Option	FALSE
18.	2_15: Generate Local Busy Condition	FALSE
19.	2_16: Send Reject	FALSE
20.	2_17: Send Selective Reject	FALSE
21.	2_20: Optional use of ERTM	FALSE
22.	2_21: Optional use of Streaming Mode	FALSE
23.	2_22: Send data using SAR in ERTM	FALSE
24.	2_23: Send data using SAR in Streaming Mode	FALSE
25.	2_25: Supports performing L2CAP channel mode configuration fallback from SM to ERTM	FALSE

Item	Description	Values
26.	2_27: Supports sending more than three unacknowledged I-Frame when operating in ERTM	FALSE
27.	2_28: Supports configuring the peer TxWindow greater than 1.	FALSE
28.	2_30: Fixed Channel Support	FALSE
29.	2_35: Unicast Connectionless Data, Reception	FALSE
30.	2_40: Support of Low Energy signaling channel	TRUE
31.	2_41: Support of command reject	TRUE
32.	2_42: Send Connection Parameter Update Request	FALSE
33.	2_43: Send Connection Parameter Update Response	TRUE
34.	2_47: Support for LE Data Channel	FALSE
35.	3_1: Support of RTX timer. (M)	TRUE
36.	3_2: Support of ERTX timer. (C4)	FALSE
37.	3_3: Support minimum MTU size 48 octets. (C4)	FALSE
38.	3_4: Support MTU size larger than 48 octets. (C5)	FALSE
39.	3_5: Support of flush timeout value for reliable channel. (C4)	FALSE
40.	3_6: Support of flush timeout value for unreliable channel. (C5)	FALSE
41.	3_7: Support of bi-directional quality of service (QoS) option field. (C1)	FALSE
42.	3_8: Negotiate QoS service type. (C5)	FALSE
43.	3_9: Negotiate and support service type No traffic?(C2)	FALSE
44.	3_10: Negotiate and support service type Best effort?(C3)	FALSE
45.	3_11: Negotiate and support service type Guaranteed?(C2)	FALSE
46.	3_12: Support minimum MTU size 23 octets. (C6)	TRUE
47.	3_16: Support Multiple Simultaneous LE Data Channels	FALSE

SM_PICS

Item	Description	Values
1.	1_1: Role : Master (C.1 : see test spec)	TRUE
2.	1_2: Role : Slave (C.2 : see test spec)	TRUE
3.	2_1: Authenticated MITM protection (C.1 : see test spec)	FALSE
4.	2_2: Unauthenticated no MITM protection (C.2 : see test spec)	FALSE
5.	2_3: No security requirements (M)	TRUE
6.	2_4: OOB supported (O)	FALSE
7.	3_1: Encryption Key Size Negotiation (M)	FALSE
8.	4_1: Just Works (O)	FALSE
9.	4_2: Passkey Entry (C1 : see test spec)	FALSE
10.	4_3: Out of Band (C1 : see test spec)	FALSE
11.	5_1: Encryption Setup using STK (M)	FALSE
12.	5_2: Encryption Setup using LTK (O)	FALSE
13.	5_3: Slave Initiated Security (C1 : see test spec)	FALSE
14.	5_4: Slave Initiated Security - Master response (C2 : see test spec)	TRUE
15.	6_1: Signing Algorithm - Generation (O)	FALSE
16.	6_2: Signing Algorithm - Resolving (O)	FALSE
17.	7_1: Key Distribution - Encryption Key (C1 : see test spec)	FALSE
18.	7_2: Key Distribution - Identity Key (C2 : see test spec)	FALSE
19.	7_3: Key Distribution - Signing Key (C3 : see test spec)	FALSE

Annex B—Protocol Implementation Extra Information For Testing(PIXIT)

GAP_PIXIT

Item	Parameter name	Type	Value
1.	TSPX_bd_addr_iut	OCTETSTRING	66554433AAAA
2.	TSPX_bd_addr_PTS	OCTETSTRING	C000DEADBEEF
3.	TSPX_broadcaster_class_of_device	OCTETSTRING	100104
4.	TSPX_observer_class_of_device	OCTETSTRING	100104
5.	TSPX_peripheral_class_of_device	OCTETSTRING	100104
6.	TSPX_central_class_of_device	OCTETSTRING	100104
7.	TSPX_security_enabled	BOOLEAN	TRUE
8.	TSPX_delete_link_key	BOOLEAN	FALSE
9.	TSPX_pin_code	IA5STRING	0000
10.	TSPX_time_guard	INTEGER	300000
11.	TSPX_use_implicit_send	BOOLEAN	TRUE
12.	TSPX_use_dynamic_pin	BOOLEAN	FALSE
13.	TSPX_secure_simple_pairing_pass_key_confirmation	BOOLEAN	FALSE
14.	TSPX_using_public_device_address	BOOLEAN	TRUE
15.	TSPX_using_random_device_address	BOOLEAN	FALSE
16.	TSPX_lim_adv_timeout	INTEGER	30720
17.	TSPX_gen_disc_adv_min	INTEGER	30720
18.	TSPX_lim_disc_scan_min	INTEGER	10240
19.	TSPX_gen_disc_scan_min	INTEGER	10240
20.	TSPX_database_file	IA5STRING	Database-GAP.sig
21.	TSPX_iut_rx_mtu	INTEGER	23
22.	TSPX_iut_private_address_interval	INTEGER	5000

Item	Parameter name	Type	Value
23.	TSPX_iut_privacy_enabled	BOOLEAN	FALSE
24.	TSPX_psm	OCTETSTRING	1001
25.	TSPX_iut_valid_connection_interval_min	OCTETSTRING	00C8
26.	TSPX_iut_valid_conneciton_interval_max	OCTETSTRING	03C0
27.	TSPX_iut_valid_connection_latency	OCTETSTRING	0006
28.	TSPX_iut_valid_timeout_multiplier	OCTETSTRING	0962
29.	TSPX_iut_connection_parameter_timeout	INTEGER	30000
30.	TSPX_iut_invalid_connection_interval_min	OCTETSTRING	0000
31.	TSPX_iut_invalid_conneciton_interval_max	OCTETSTRING	0000
32.	TSPX_iut_invalid_connection_latency	OCTETSTRING	0000
33.	TSPX_iut_invalid_timeout_multiplier	OCTETSTRING	0000
34.	TSPX_LE_scan_interval	OCTETSTRING	0010
35.	TSPX_LE_scan_window	OCTETSTRING	0010
36.	TSPX_con_interval_min	OCTETSTRING	0032
37.	TSPX_con_interval_max	OCTETSTRING	0046
38.	TSPX_con_latency	OCTETSTRING	0000
39.	TSPX_supervision_timeout	OCTETSTRING	07D0
40.	TSPX_minimum_ce_length	OCTETSTRING	0000
41.	TSPX_maximum_ce_length	OCTETSTRING	0000
42.	TSPX_pairing_before_service_request	BOOLEAN	FALSE
43.	TSPX_iut_mandates_mitm	BOOLEAN	FALSE
44.	TSPX_encryption_before_service_request	BOOLEAN	FALSE
45.	TSPX_tester_appearance	OCTETSTRING	0000

Item	Parameter name	Type	Value
46.	TSPX_iut_adverting_data_in_broadcasting_mode	OCTETSTRING	0201060503180018010D095054532D4741502D3036423803190000
47.	TSPX_iut_device_IRK_for_resolvable_privacy_address_generation_procedure	OCTETSTRING	00000000000000000000000000000000000000
48.	TSPX_tester_device_IRK_for_resolvable_privacy_address_generation_procedure	OCTETSTRING	0123456789ABCDEF0123456789ABCDEF
49.	TSPX_iut_device_name_in_adv_packet_for_random_address	IA5STRING	PTS-66DE

GATT_PIXIT

Item	Parameter name	Type	Value
1.	TSPX_bd_addr_iut	OCTETSTRING	66554433AAAA
2.	TSPX_security_enabled	BOOLEAN	FALSE
3.	TSPX_delete_link_key	BOOLEAN	TRUE
4.	TSPX_time_guard	INTEGER	180000
5.	TSPX_selected_handle	OCTETSTRING	0012
6.	TSPX_use_implicit_send	BOOLEAN	TRUE
7.	TSPX_secure_simple_pairing_passkey_confirmation	BOOLEAN	FALSE
8.	TSPX_iut_use_dynamic_bd_addr	BOOLEAN	FALSE
9.	TSPX_iut_setup_att_over_br_edr	BOOLEAN	FALSE
10.	TSPX_tester_database_file	IA5STRING	C:\Program Files\Bluetooth SIG\Bluetooth PTS\Data\SIGDatabase\GATT_Qualification_Test_Databases.xml
11.	TSPX_iut_is_client_peripheral	BOOLEAN	FALSE
12.	TSPX_iut_is_server_central	BOOLEAN	FALSE
13.	TSPX_mtu_size	INTEGER	23

Item	Parameter name	Type	Value
14.	TSPX_pin_code	IA5STRING	0000
15.	TSPX_use_dynamic_pin	BOOLEAN	FALSE
16.	TSPX_delete_ltk	BOOLEAN	FALSE
17.	TSPX_characteristic_readable	BOOLEAN	FALSE
18.	TSPX_tester_appearance	OCTETSTRING	0000
19.	TSPX_iut_use_resolvable_random_address	BOOLEAN	FALSE

L2CAP_PIXIT

Item	Parameter name	Type	Value
1.	TSPX_bd_addr_iut	OCTETSTRING	66554433AAAA
2.	TSPX_client_class_of_device	OCTETSTRING	100104
3.	TSPX_server_class_of_device	OCTETSTRING	100104
4.	TSPX_security_enabled	BOOLEAN	FALSE
5.	TSPX_delete_link_key	BOOLEAN	FALSE
6.	TSPX_pin_code	IA5STRING	0000
7.	TSPX_flush_to	OCTETSTRING	FFFF
8.	TSPX_in_mtu	OCTETSTRING	02A0
9.	TSPX_no_fail_verdicts	BOOLEAN	FALSE
10.	TSPX_out_mtu	OCTETSTRING	02A0
11.	TSPX_tester_mps	OCTETSTRING	0017
12.	TSPX_tester_mtu	OCTETSTRING	02A0
13.	TSPX_iut_role_initiator	BOOLEAN	FALSE
14.	TSPX_le_psm	OCTETSTRING	0025
15.	TSPX_psm	OCTETSTRING	0001
16.	TSPX_psm_unsupported	OCTETSTRING	00F1
17.	TSPX_psm_authentication_required	OCTETSTRING	00F2

Item	Parameter name	Type	Value
18.	TSPX_psm_authorization_required	OCTETSTRING	00F3
19.	TSPX_psm_encryption_key_size_required	OCTETSTRING	00F4
20.	TSPX_time_guard	INTEGER	180000
21.	TSPX_timer_ertx	INTEGER	120000
22.	TSPX_timer_ertx_max	INTEGER	300000
23.	TSPX_timer_ertx_min	INTEGER	60000
24.	TSPX_timer_rtx	INTEGER	10000
25.	TSPX_timer_rtx_max	INTEGER	60000
26.	TSPX_timer_rtx_min	INTEGER	1000
27.	TSPX_rfc_mode_tx_window_size	OCTETSTRING	08
28.	TSPX_rfc_mode_max_transmit	OCTETSTRING	03
29.	TSPX_rfc_mode_retransmission_timeout	OCTETSTRING	07D0
30.	TSPX_rfc_mode_monitor_timeout	OCTETSTRING	2EE0
31.	TSPX_rfc_mode_maximum_pdu_size	OCTETSTRING	02A0
32.	TSPX_extended_window_size	OCTETSTRING	0012
33.	TSPX_use_implicit_send	BOOLEAN	TRUE
34.	TSPX_use_dynamic_pin	BOOLEAN	FALSE
35.	TSPX_iut_SDU_size_in_bytes	INTEGER	144
36.	TSPX_secure_simple_pairing_pass_key_confirmation	BOOLEAN	FALSE
37.	TSPX_iut_address_type_random	BOOLEAN	FALSE

SM_PIXIT

Item	Parameter name	Type	Value
1.	TSPX_bd_addr_iut	OCTETSTRING	66554433AAAA
2.	TSPX_SMP_pin_code	INTEGER	111111

Item	Parameter name	Type	Value
3.	TSPX_OOB_Data	OCTETSTRING	0000000000000000FE12036E5A889F4D
4.	TSPX_peer_addr_type	OCTETSTRING	00
5.	TSPX_own_addr_type	OCTETSTRING	00
6.	TSPX_conn_interval_min	OCTETSTRING	0190
7.	TSPX_conn_interval_max	OCTETSTRING	0190
8.	TSPX_conn_latency	OCTETSTRING	0000
9.	TSPX_client_class_of_device	OCTETSTRING	100104
10.	TSPX_server_class_of_device	OCTETSTRING	100104
11.	TSPX_security_enabled	BOOLEAN	TRUE
12.	TSPX_delete_link_key	BOOLEAN	TRUE
13.	TSPX_pin_code	IA5STRING	1234
14.	TSPX_ATTR_HANDLE	OCTETSTRING	0000
15.	TSPX_ATTR_VALUE	OCTETSTRING	0000000000000000
16.	TSPX_delay_variation_in	OCTETSTRING	FFFFFFFF
17.	TSPX_delay_variation_out	OCTETSTRING	FFFFFFFF
18.	TSPX_flushto	OCTETSTRING	FFFF
19.	TSPX_inmtu	OCTETSTRING	02A0
20.	TSPX_inquiry_length	OCTETSTRING	17
21.	TSPX_latency_in	OCTETSTRING	FFFFFFFF
22.	TSPX_latency_out	OCTETSTRING	FFFFFFFF
23.	TSPX_linkto	OCTETSTRING	3000
24.	TSPX_max_nbr_retransmissions	INTEGER	10
25.	TSPX_no_fail_verdicts	BOOLEAN	FALSE
26.	TSPX_outmtu	OCTETSTRING	02A0
27.	TSPX_tester_role_optional	IA5STRING	L2CAP_ROLE_INITIATOR
28.	TSPX_page_scan_mode	OCTETSTRING	00

Item	Parameter name	Type	Value
29.	TSPX_page_scan_repetition_mode	OCTETSTRING	00
30.	TSPX_peak_bandwidth_in	OCTETSTRING	00000000
31.	TSPX_peak_bandwidth_out	OCTETSTRING	00000000
32.	TSPX_psm	OCTETSTRING	0011
33.	TSPX_service_type_in	OCTETSTRING	01
34.	TSPX_service_type_out	OCTETSTRING	01
35.	TSPX_support_retransmissions	BOOLEAN	TRUE
36.	TSPX_time_guard	INTEGER	180000
37.	TSPX_timer_ertx	INTEGER	120000
38.	TSPX_timer_ertx_max	INTEGER	300000
39.	TSPX_timer_ertx_min	INTEGER	60000
40.	TSPX_timer_rtx	INTEGER	10000
41.	TSPX_timer_rtx_max	INTEGER	60000
42.	TSPX_timer_rtx_min	INTEGER	1000
43.	TSPX_token_bucket_size_in	OCTETSTRING	00000000
44.	TSPX_token_bucket_size_out	OCTETSTRING	00000000
45.	TSPX_token_rate_in	OCTETSTRING	00000000
46.	TSPX_token_rate_out	OCTETSTRING	00000000
47.	TSPX_rfc_mode_mode	OCTETSTRING	03
48.	TSPX_rfc_mode_tx_window_size	OCTETSTRING	08
49.	TSPX_rfc_mode_max_transmit	OCTETSTRING	03
50.	TSPX_rfc_mode_retransmission_timeout	OCTETSTRING	07D0
51.	TSPX_rfc_mode_monitor_timeout	OCTETSTRING	2EE0
52.	TSPX_rfc_mode_maximum_pdu_size	OCTETSTRING	02A0
53.	TSPX_extended_window_size	OCTETSTRING	0012
54.	TSPX_use_implicit_send	BOOLEAN	TRUE

Item	Parameter name	Type	Value
55.	TSPX_use_dynamic_pin	BOOLEAN	FALSE
56.	TSPX_iut_SDU_size_in_bytes	INTEGER	144
57.	TSPX_secure_simple_pairing_pass_key_confirmation	BOOLEAN	FALSE
58.	TSPX_Min_Encryption_Key_Length	OCTETSTRING	07
59.	TSPX_Bonding_Flags	OCTETSTRING	00

Annex C –EUT Photograph

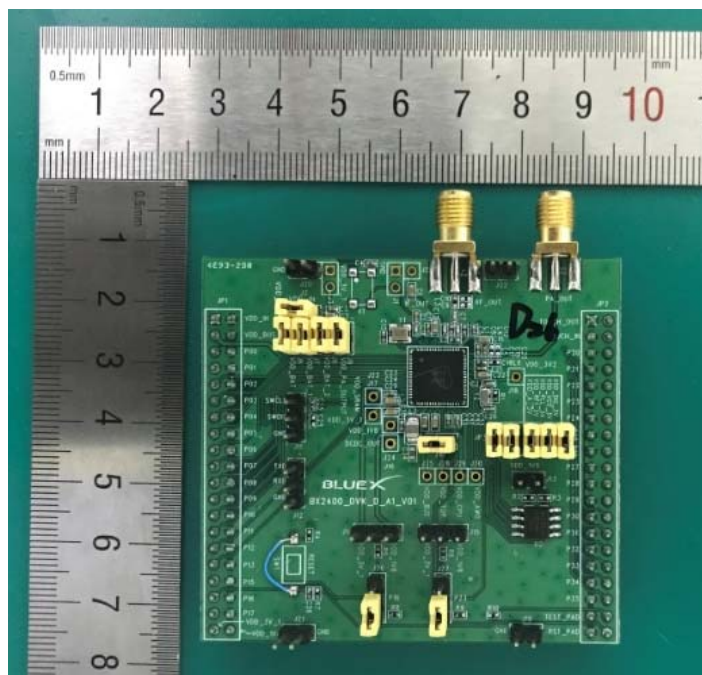


Photo1:The front view of EUT

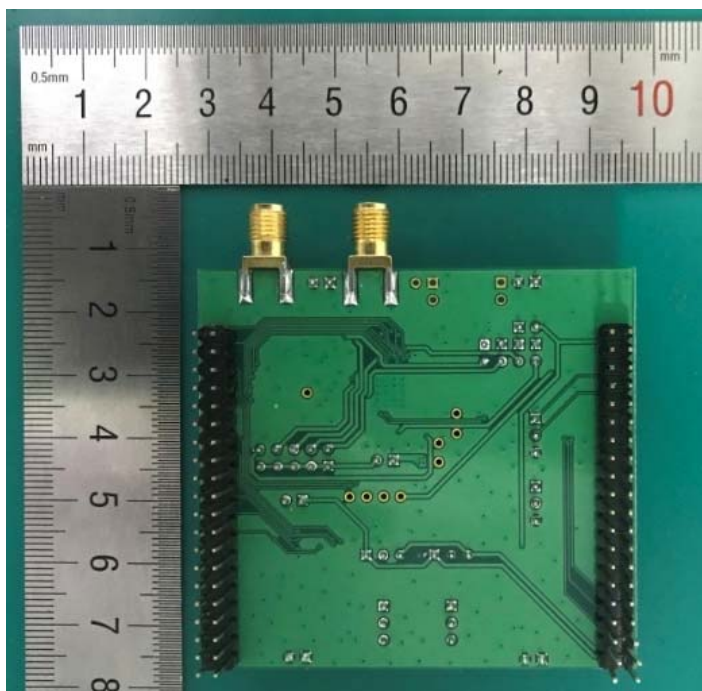


Photo2:The back view of EUT

---End of Test Report---