Test Report

Report No.: CQASZ170401373E-04

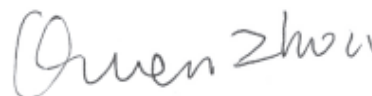|	
Test Description:	**Bluetooth Profile Interoperability Test Report for AVRCP**
Product/Design Name:	**BLUETOOTH® HEADSET**
Product/Design ID:	**S570, Sxy0(x=5~6,y=0~9), Kx,(x=1~30), S530PLUS , S8xy,(x=0~3,y=0~9), Xy,(y=6~30), S520-TWS，S530PLUS-TWS, S560-TWS, S570-TWS, S590-TWS, Xz-TWS,(z=5~20), EW-BE002, EW-BE010, EW-BE011, EW-BE013, EW-ZR030**
Trademark:	
Applicant:	**Shenzhen KeYueDuo Intelligent Electronics Co., Ltd.**
Manufacturer:	**Shenzhen KeYueDuo Intelligent Electronics Co., Ltd.**
Test Specification:	**Bluetooth Profile Specification Version 1.3– Audio/Video Remote Control Profile** **Bluetooth Audio/Video Remote Control Profile Test Specification: AVRCP.TS.1.6.1**

Test Report Prepared by..

Name Aaron Wu

Test Report Reviewed by..

Name Owen Zhou

Bluetooth® Profile Interoperability Test Report

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1   General Information

1.1   General

1.1.1 Administrative data of Test Facility

Test Facility   Shenzhen Centre Quality Accreditation Technology Co., Ltd.

Test Facility Address   1 F., Block B of Complex Building, Baisha Logistics Park, No. 3011 Shahe West Road, Nanshan District, Shenzhen, China

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Contact Person   Mr. Owen Zhou

1.1.2 Administrative data of Applicant

Applicant: Shenzhen KeYueDuo Intelligent Electronics Co., Ltd.

Applicant Address: F-4, Bldg.A, LiJiaFa Ind. Garden, XinTang Ind. Area, BaiShiXia E., FuYong Sub-dist., Bao'an Dist., Shenzhen, Guangdong, China

Responsible Person: Ruizhi Yang

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Email : john.yang@keyueduo.com

1.1.3 Administrative data of EUT Manufacturer

EUT Manufacturer: Shenzhen KeYueDuo Intelligent Electronics Co., Ltd.

Manufacturer Address: F-4, Bldg.A, LiJiaFa Ind. Garden, XinTang Ind. Area, BaiShiXia E., FuYong Sub-dist., Bao'an Dist., Shenzhen, Guangdong, China

Responsible Person: Ruizhi Yang

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Email : john.yang@keyueduo.com

1.2 Description of EUT

Product name: BLUETOOTH® HEADSET

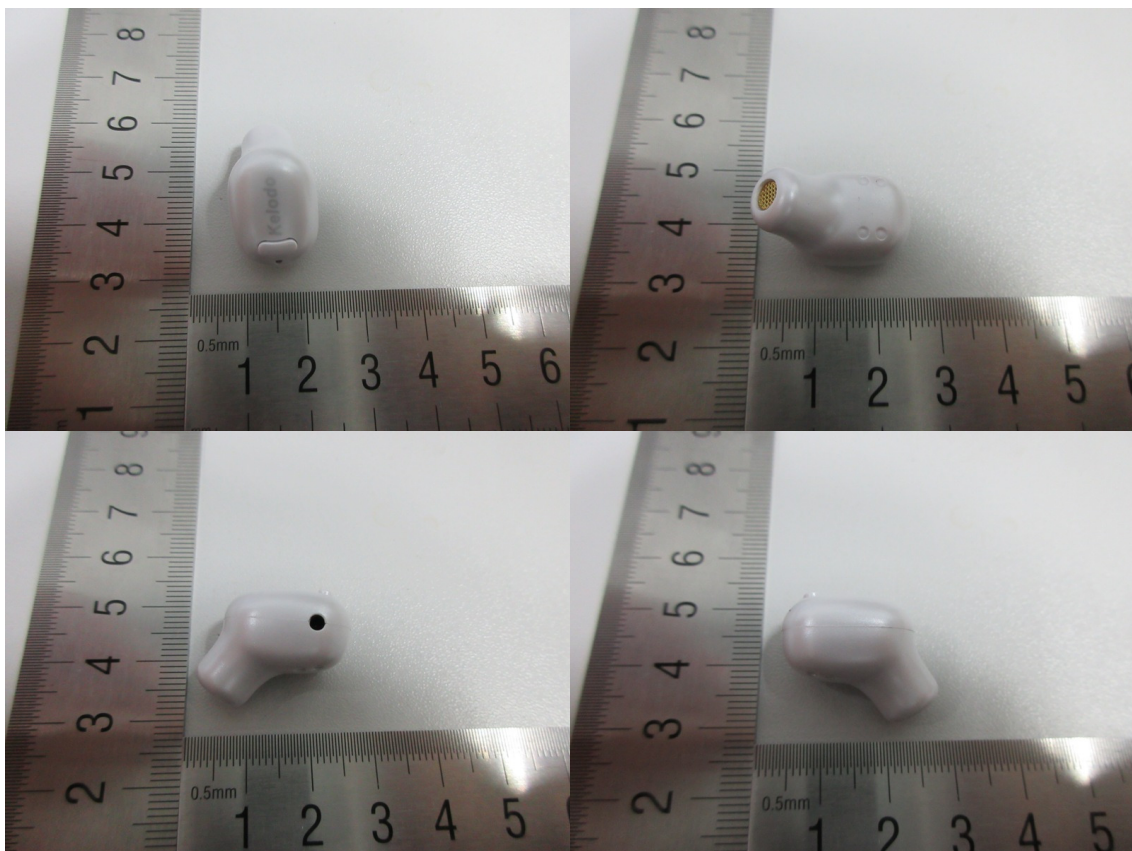**Product description:**   BLUETOOTH® HEADSET

Product ID/Model: S570, Sxy0(x=5~6,y=0~9), Kx,(x=1~30), S530PLUS ,
S8xy,(x=0~3,y=0~9), Xy,(y=6~30), S520-TWS，S530PLUS-TWS,
S560-TWS, S570-TWS, S590-TWS, Xz-TWS,(z=5~20), EW-BE002,
EW-BE010, EW-BE011, EW-BE013, EW-ZR030

Hardware Version: V1.1

Software Version: V1.1

Photos of Product:

2 Summary List of All Test Cases

Controller Role

	Audio Video Remote Control Profile			
No	**TC identifier**	**Description**	**Verdict**	**Comments**
1	TP/CEC/BV-01-I	Connection establishment -CT	Pass	Refer to PTS
2	TP/CEC/BV-02-I	Connection establishment -TG	Pass	Refer to PTS
3	TP/CRC/BV-01-I	Connection release-CT	Pass	Refer to PTS
4	TP/CRC/BV-02-I	Connection release-TG	Pass	Refer to PTS
5	TP/ICC/BV-01-I	Information collection by UNIT INFO command	N/A	
6	TP/ICC/BV-02-I	Information collection by SUBUNIT INFO command	N/A	
7	TP/PTT/BV-01-I	PASS THROUGH command transfer-category 1	Pass	Refer to PTS
8	TP/PTT/BV-02-I	PASS THROUGH command transfer-category 2	N/A	
9	TP/PTT/BV-03-I	PASS THROUGH command transfer-category 3	N/A	
10	TP/PTT/BV-04-I	PASS THROUGH command transfer-category 4	N/A	
11	TP/PTT/BV-05-I	PASS THROUGH command transfer-press and hold	N/A	
12	TP/CFG/BV-01-C	Get capabilities - CT	N/A	
13	TP/CFG/BV-02-C	Get capabilities response - TG	N/A	
14	TP/CFG/BI-01-C	Get capabilities invalid behavior response - TG	N/A	
15	TP/PAS/BV-01-C	List Player Application Setting Attributes - CT	N/A	
16	TP/PAS/BV-02-C	List Player Application Setting Attributes - TG	N/A	
17	TP/PAS/BV-03-C	Get Player Application Setting Attribute Text - CT	N/A	
18	TP/PAS/BV-04-C	Get Player Application Setting Attribute Text - TG	N/A	
19	TP/PAS/BV-05-C	List Player Application Setting Values - CT	N/A	
20	TP/PAS/BV-06-C	List Player Application Setting Values - TG	N/A	
21	TP/PAS/BV-07-C	Get Player Application Setting Value Text - CT	N/A	
22	TP/PAS/BV-08-C	Get Player Application Setting Value Text - TG	N/A	
23	TP/PAS/BV-09-C	Get Current Player Application Setting Value - CT	N/A	
24	TP/PAS/BV-10-C	Get Current Player Application Setting Value - TG	N/A	
25	TP/PAS/BV-11-C	Set Player Application Setting Value - CT	N/A	
26	TP/PAS/BI-01-C	Get Player Application Settings Attribute Text Invalid Behavior - TG	N/A	
27	TP/PAS/BI-02-C	List Player Application Setting Values Invalid Behavior - TG	N/A	
28	TP/PAS/BI-03-C	Get Player Application Setting Value Text Invalid Behavior - TG	N/A	
29	TP/PAS/BI-04-C	Get Current Player Application Setting Value Invalid Behavior - TG	N/A	

No	TC identifier	Description	Verdict	Comments
		Audio Video Remote Control Profile		
30	TP/PAS/BI-05-C	Set Player Application Setting Value Invalid Behavior - TG	N/A	
31	TP/MDI/BV-01-C	Get play status - CT	N/A	
32	TP/MDI/BV-02-C	Get play status - TG	N/A	
33	TP/MDI/BV-03-C	Get element attributes - CT	N/A	
34	TP/MDI/BV-04-C	Get all element attributes - TG	N/A	
35	TP/MDI/BV-05-C	Get selected element attributes - TG	N/A	
36	TP/NFY/BV-01-C	Register Notification - CT	Pass	Refer to PTS
37	TP/NFY/BV-03-C	Register Notification: Event player application setting changed: TG	N/A	
38	TP/NFY/BV-02-C	Register Notification - TG	N/A	
39	TP/NFY/BV-04-C	Track Changed - No Selected Track - TG	N/A	
40	TP/NFY/BV-05-C	Track Changed - Playing Track - TG	N/A	
41	TP/NFY/BV-06-C	Track Changed - Playing Track in NowPlaying- TG	N/A	
42	TP/NFY/BV-07-C	Track Changed - Changing Track in NowPlaying- TG	N/A	
43	TP/NFY/BV-08-C	Track Changed - Selected Track - TG	N/A	
44	TP/NFY/BI-01-C	Register for events invalid behavior - TG	N/A	
45	TP/INV/BI-01-C	Invalid PDU ID - TG	N/A	
46	TP/INV/BI-02-C	General Reject - TG	N/A	
47	TP/BGN/BV-01-I	Next Group Command Transfer	N/A	
48	TP/BGN/BV-02-I	Previous Group Command Transfer	N/A	
49	TP/CON/BV-01-C	Connection establishment for browsing - CT	N/A	
50	TP/CON/BV-02-C	Connection establishment for browsing - TG	N/A	
51	TP/CON/BV-05-C	Connection establishment for browsing - TG initiates control channel and CT initiates browsing channel	N/A	
52	TP/CON/BV-03-C	Connection release for browsing - CT	N/A	
53	TP/CON/BV-04-C	Connection release for browsing - TG	N/A	
54	TP/MPS/BV-01-C	SetAddressedPlayer - CT	N/A	
55	TP/MPS/BV-02-C	SetAddressedPlayer - TG	N/A	
56	TP/MPS/BI-01-C	SetAddressedPlayer - TG	N/A	
57	TP/MPS/BV-03-C	SetBrowsedPlayer - CT	N/A	
58	TP/MPS/BV-04-C	SetBrowsedPlayer - TG	N/A	
59	TP/MPS/BI-02-C	SetBrowsedPlayer - TG	N/A	
60	TP/MPS/BV-05-C	AddressedPlayerChanged Notification - TG	N/A	
61	TP/MPS/BV-06-C	PlayerFeatureBitmask - TG	N/A	
62	TP/MPS/BV-07-C	AvailablePlayersChanged Notification - TG	N/A	
63	TP/MPS/BV-08-C	GetFolderItems - CT	N/A	
64	TP/MPS/BV-09-C	GetFolderItems - TG	N/A	
65	TP/MPS/BV-10-C	DefaultAddressedPlayer - TG	N/A	
66	TP/MCN/CB/BV-01-C	GetFolderItems - CT	N/A	
67	TP/MCN/CB/BV-02-C	GetFolderItems - TG	N/A	
68	TP/MCN/CB/BI-01-C	GetFolderItems - TG	N/A	
69	TP/MCN/CB/BV-03-C	GetFolderItems - TG	N/A	
70	TP/MCN/CB/BV-04-C	ChangePath - CT	N/A	
71	TP/MCN/CB/BV-05-C	ChangePath - TG	N/A	
72	TP/MCN/CB/BI-02-C	[GetFolderItems - TG]	N/A	
73	TP/MCN/CB/BV-06-C	ChangePath - TG	N/A	
74	TP/MCN/CB/BV-07-C	GetItemAttributes - CT	N/A	
75	TP/MCN/CB/BV-08-C	GetItemAttributes - TG	N/A	
76	TP/MCN/CB/BV-09-C	UIDcounter - TG	N/A	

Audio Video Remote Control Profile

No	TC identifier	Description	Verdict	Comments
77	TP/MCN/CB/BV-10-C	UIDcounter - TG	N/A	
78	TP/MCN/CB/BV-11-C	UIDcounter - TG	N/A	
79	TP/MCN/CB/BI-05-C	UIDcounter - TG	N/A	
80	TP/MCN/CB/BI-03-C	[GetFolderItems - TG]	N/A	
81	TP/MCN/SRC/BV-01-C	Search - CT	N/A	
82	TP/MCN/SRC/BV-02-C	Search - TG	N/A	
83	TP/MCN/SRC/BV-03-C	GetFolderItems - CT	N/A	
84	TP/MCN/SRC/BV-04-C	GetFolderItems - TG	N/A	
85	TP/MCN/SRC/BV-05-C	GetItemAttributes - CT	N/A	
86	TP/MCN/SRC/BV-06-C	GetItemAttributes - TG	N/A	
87	TP/MCN/NP/BV-01-C	PlayItem - CT	N/A	
88	TP/MCN/NP/BV-02-C	PlayItem - TG	N/A	
89	TP/MCN/NP/BI-01-C	PlayItem_Invalid - TG	N/A	
90	TP/MCN/NP/BV-03-C	AddToNowPlaying - CT	N/A	
91	TP/MCN/NP/BV-04-C	AddToNowPlaying - TG	N/A	
92	TP/MCN/NP/BI-02-C	AddToNowPlaying_Invalid - TG	N/A	
93	TP/MCN/NP/BV-05-C	GetFolderItems - CT	N/A	
94	TP/MCN/NP/BV-06-C	GetFolderItems - TG	N/A	
95	TP/MCN/NP/BV-07-C	NowPlayingContentChanged Notification - TG	N/A	
96	TP/MCN/NP/BV-08-C	GetItemAttributes - CT	N/A	
97	TP/MCN/NP/BV-09-C	GetItemAttributes - TG	N/A	
98	TP/VLH/BV-01-C	Set Absolute Volume - CT	N/A	
99	TP/VLH/BV-02-C	Set Absolute Volume - TG	N/A	
100	TP/VLH/BI-01-C	Set Absolute Volume invalid behavior TG	N/A	
101	TP/VLH/BI-02-C	Set Absolute Volume invalid behavior TG	N/A	
102	TP/VLH/BI-03-C	Set Absolute Volume invalid behavior CT	N/A	
103	TP/VLH/BI-04-C	Set Absolute Volume invalid behavior CT	N/A	
104	TP/VLH/BV-03-C	NotifyVolumeChange - CT	N/A	
105	TP/VLH/BV-04-C	NotifyVolumeChange - TG	N/A	
106	TP/MPS/BV-01-I	Listing of Available Media Players	N/A	
107	TP/MPS/BV-02-I	Availability of Media Players	N/A	
108	TP/MPS/BV-03-I	PASSTHROUGH functionality of Media Players	N/A	
109	TP/MCN/CB/BV-01-I	Browsing of the Current Folder	N/A	
110	TP/MCN/CB/BV-02-I	Browsing Up	N/A	
111	TP/MCN/CB/BV-03-I	Browsing Down	N/A	
112	TP/MCN/CB/BV-04-I	Playing of a track from the Media Player Virtual Filesystem	N/A	
113	TP/MCN/CB/BI-04-C	ChangePath - TG	N/A	
114	TP/MCN/CB/BV-05-I	Change in Media Database	N/A	
115	TP/MCN/CB/BV-06-I	Metadata from Virtual Filesystem	N/A	
116	TP/MCN/CB/BV-07-I	Browsing of a Folder if the Player is not Addressed	N/A	
117	TP/MCN/SRC/BV-01-I	Search Request	N/A	
118	TP/MCN/SRC/BV-02-I	Browsing of the Search Results	N/A	
119	TP/MCN/SRC/BV-03-I	Play from Search Results	N/A	
120	TP/MCN/SRC/BV-04-I	Metadata from Search Results	N/A	
121	TP/MCN/NP/BV-01-I	Playing of a track from the NowPlaying folder	N/A	
122	TP/MCN/NP/BV-02-I	Adding a Filesystem track to NowPlaying list	N/A	
123	TP/MCN/NP/BV-03-I	Adding a Search Result track to NowPlaying list	N/A	

	Audio Video Remote Control Profile			
No	**TC identifier**	**Description**	**Verdict**	**Comments**
124	TP/MCN/NP/BV-04-I	Local change of NowPlaying list on TG	N/A	
125	TP/MCN/NP/BV-05-I	Metadata from NowPlayingList	N/A	
126	TP/MCN/NP/BV-06-I	Browsing the NowPlayingFolder	N/A	
127	TP/MCN/NP/BV-07-I	Adding a Playable Folder to NowPlaying list	N/A	
128	TP/VLH/BV-01-I	Monitoring the TG Volume on the CT	N/A	
129	TP/VLH/BV-02-I	Changing the Volume	N/A	
130	TP/RCR/BV-01-C	Request continuing response - CT	N/A	
131	TP/RCR/BV-02-C	Request continuing response - TG	N/A	
132	TP/RCR/BV-03-C	Abort continuing response - CT	N/A	
133	TP/RCR/BV-04-C	Abort continuing response - TG	N/A	
134	TP/PTH/BV-01-C	Press and Release - CT	Pass	Refer to PTS
135	TP/PTH/BV-02-C	Press and Hold - CT	N/A	

Target Role

	Audio Video Remote Control Profile			
No	**TC identifier**	**Description**	**Verdict**	**Comments**
1	TP/CEC/BV-01-I	Connection establishment -CT	Pass	Refer to PTS
2	TP/CEC/BV-02-I	Connection establishment -TG	N/A	
3	TP/CRC/BV-01-I	Connection release-CT	Pass	Refer to PTS
4	TP/CRC/BV-02-I	Connection release-TG	Pass	Refer to PTS
5	TP/ICC/BV-01-I	Information collection by UNIT INFO command	Pass	Refer to PTS
6	TP/ICC/BV-02-I	Information collection by SUBUNIT INFO command	Pass	Refer to PTS
7	TP/PTT/BV-01-I	PASS THROUGH command transfer-category 1	N/A	
8	TP/PTT/BV-02-I	PASS THROUGH command transfer-category 2	Pass	Refer to PTS
9	TP/PTT/BV-03-I	PASS THROUGH command transfer-category 3	N/A	
10	TP/PTT/BV-04-I	PASS THROUGH command transfer-category 4	N/A	
11	TP/PTT/BV-05-I	PASS THROUGH command transfer-press and hold	N/A	
12	TP/CFG/BV-01-C	Get capabilities - CT	Pass	Refer to PTS
13	TP/CFG/BV-02-C	Get capabilities response - TG	Pass	Refer to PTS
14	TP/CFG/BI-01-C	Get capabilities invalid behavior response - TG	N/A	
15	TP/PAS/BV-01-C	List Player Application Setting Attributes - CT	N/A	
16	TP/PAS/BV-02-C	List Player Application Setting Attributes - TG	N/A	
17	TP/PAS/BV-03-C	Get Player Application Setting Attribute Text - CT	N/A	
18	TP/PAS/BV-04-C	Get Player Application Setting Attribute Text - TG	N/A	
19	TP/PAS/BV-05-C	List Player Application Setting Values - CT	N/A	
20	TP/PAS/BV-06-C	List Player Application Setting Values - TG	N/A	
21	TP/PAS/BV-07-C	Get Player Application Setting Value Text - CT	N/A	
22	TP/PAS/BV-08-C	Get Player Application Setting Value Text - TG	N/A	
23	TP/PAS/BV-09-C	Get Current Player Application Setting Value - CT	N/A	
24	TP/PAS/BV-10-C	Get Current Player Application Setting Value - TG	N/A	
25	TP/PAS/BV-11-C	Set Player Application Setting Value - CT	N/A	
26	TP/PAS/BI-01-C	Get Player Application Settings Attribute Text Invalid Behavior - TG	N/A	
27	TP/PAS/BI-02-C	List Player Application Setting Values Invalid Behavior - TG	N/A	
28	TP/PAS/BI-03-C	Get Player Application Setting Value Text Invalid Behavior - TG	N/A	
29	TP/PAS/BI-04-C	Get Current Player Application Setting Value Invalid Behavior - TG	N/A	
30	TP/PAS/BI-05-C	Set Player Application Setting Value Invalid	N/A	

No	TC identifier	Description	Verdict	Comments
		Behavior - TG		
31	TP/MDI/BV-01-C	Get play status - CT	N/A	
32	TP/MDI/BV-02-C	Get play status - TG	N/A	
33	TP/MDI/BV-03-C	Get element attributes - CT	N/A	
34	TP/MDI/BV-04-C	Get all element attributes - TG	N/A	
35	TP/MDI/BV-05-C	Get selected element attributes - TG	N/A	
36	TP/NFY/BV-01-C	Register Notification - CT	N/A	
37	TP/NFY/BV-03-C	Register Notification: Event player application setting changed: TG	N/A	
38	TP/NFY/BV-02-C	Register Notification - TG	N/A	
39	TP/NFY/BV-04-C	Track Changed - No Selected Track - TG	N/A	
40	TP/NFY/BV-05-C	Track Changed - Playing Track - TG	N/A	
41	TP/NFY/BV-06-C	Track Changed - Playing Track in NowPlaying- TG	N/A	
42	TP/NFY/BV-07-C	Track Changed - Changing Track in NowPlaying- TG	N/A	
43	TP/NFY/BV-08-C	Track Changed - Selected Track - TG	N/A	
44	TP/NFY/BI-01-C	Register for events invalid behavior - TG	Pass	Refer to PTS
45	TP/INV/BI-01-C	Invalid PDU ID - TG	N/A	
46	TP/INV/BI-02-C	General Reject - TG	N/A	
47	TP/BGN/BV-01-I	Next Group Command Transfer	N/A	
48	TP/BGN/BV-02-I	Previous Group Command Transfer	N/A	
49	TP/CON/BV-01-C	Connection establishment for browsing - CT	N/A	
50	TP/CON/BV-02-C	Connection establishment for browsing - TG	N/A	
51	TP/CON/BV-05-C	Connection establishment for browsing - TG initiates control channel and CT initiates browsing channel	N/A	
52	TP/CON/BV-03-C	Connection release for browsing - CT	N/A	
53	TP/CON/BV-04-C	Connection release for browsing - TG	N/A	
54	TP/MPS/BV-01-C	SetAddressedPlayer - CT	N/A	
55	TP/MPS/BV-02-C	SetAddressedPlayer - TG	N/A	
56	TP/MPS/BI-01-C	SetAddressedPlayer - TG	N/A	
57	TP/MPS/BV-03-C	SetBrowsedPlayer - CT	N/A	
58	TP/MPS/BV-04-C	SetBrowsedPlayer - TG	N/A	
59	TP/MPS/BI-02-C	SetBrowsedPlayer - TG	N/A	
60	TP/MPS/BV-05-C	AddressedPlayerChanged Notification - TG	N/A	
61	TP/MPS/BV-06-C	PlayerFeatureBitmask - TG	N/A	
62	TP/MPS/BV-07-C	AvailablePlayersChanged Notification - TG	N/A	
63	TP/MPS/BV-08-C	GetFolderItems - CT	N/A	
64	TP/MPS/BV-09-C	GetFolderItems - TG	N/A	
65	TP/MPS/BV-10-C	DefaultAddressedPlayer - TG	N/A	
66	TP/MCN/CB/BV-01-C	GetFolderItems - CT	N/A	
67	TP/MCN/CB/BV-02-C	GetFolderItems - TG	N/A	
68	TP/MCN/CB/BI-01-C	GetFolderItems - TG	N/A	
69	TP/MCN/CB/BV-03-C	GetFolderItems - TG	N/A	
70	TP/MCN/CB/BV-04-C	ChangePath - CT	N/A	
71	TP/MCN/CB/BV-05-C	ChangePath - TG	N/A	
72	TP/MCN/CB/BI-02-C	[GetFolderItems - TG]	N/A	
73	TP/MCN/CB/BV-06-C	ChangePath - TG	N/A	
74	TP/MCN/CB/BV-07-C	GetItemAttributes - CT	N/A	
75	TP/MCN/CB/BV-08-C	GetItemAttributes - TG	N/A	
76	TP/MCN/CB/BV-09-C	UIDcounter - TG	N/A	
77	TP/MCN/CB/BV-10-C	UIDcounter - TG	N/A	

**Audio Video Remote Control Profile**
No	**TC identifier**	**Description**	**Verdict**	**Comments**
78	TP/MCN/CB/BV-11-C	UIDcounter - TG	N/A	
79	TP/MCN/CB/BI-05-C	UIDcounter - TG	N/A	
80	TP/MCN/CB/BI-03-C	[GetFolderItems - TG]	N/A	
81	TP/MCN/SRC/BV-01-C	Search - CT	N/A	
82	TP/MCN/SRC/BV-02-C	Search - TG	N/A	
83	TP/MCN/SRC/BV-03-C	GetFolderItems - CT	N/A	
84	TP/MCN/SRC/BV-04-C	GetFolderItems - TG	N/A	
85	TP/MCN/SRC/BV-05-C	GetItemAttributes - CT	N/A	
86	TP/MCN/SRC/BV-06-C	GetItemAttributes - TG	N/A	
87	TP/MCN/NP/BV-01-C	PlayItem - CT	N/A	
88	TP/MCN/NP/BV-02-C	PlayItem - TG	N/A	
89	TP/MCN/NP/BI-01-C	PlayItem_Invalid - TG	N/A	
90	TP/MCN/NP/BV-03-C	AddToNowPlaying - CT	N/A	
91	TP/MCN/NP/BV-04-C	AddToNowPlaying - TG	N/A	
92	TP/MCN/NP/BI-02-C	AddToNowPlaying_Invalid - TG	N/A	
93	TP/MCN/NP/BV-05-C	GetFolderItems - CT	N/A	
94	TP/MCN/NP/BV-06-C	GetFolderItems - TG	N/A	
95	TP/MCN/NP/BV-07-C	NowPlayingContentChanged Notification - TG	N/A	
96	TP/MCN/NP/BV-08-C	GetItemAttributes - CT	N/A	
97	TP/MCN/NP/BV-09-C	GetItemAttributes - TG	N/A	
98	TP/VLH/BV-01-C	Set Absolute Volume - CT	N/A	
99	TP/VLH/BV-02-C	Set Absolute Volume - TG	N/A	
100	TP/VLH/BI-01-C	Set Absolute Volume invalid behavior TG	N/A	
101	TP/VLH/BI-02-C	Set Absolute Volume invalid behavior TG	N/A	
102	TP/VLH/BI-03-C	Set Absolute Volume invalid behavior CT	N/A	
103	TP/VLH/BI-04-C	Set Absolute Volume invalid behavior CT	N/A	
104	TP/VLH/BV-03-C	NotifyVolumeChange - CT	N/A	
105	TP/VLH/BV-04-C	NotifyVolumeChange - TG	N/A	
106	TP/MPS/BV-01-I	Listing of Available Media Players	N/A	
107	TP/MPS/BV-02-I	Availability of Media Players	N/A	
108	TP/MPS/BV-03-I	PASSTHROUGH functionality of Media Players	N/A	
109	TP/MCN/CB/BV-01-I	Browsing of the Current Folder	N/A	
110	TP/MCN/CB/BV-02-I	Browsing Up	N/A	
111	TP/MCN/CB/BV-03-I	Browsing Down	N/A	
112	TP/MCN/CB/BV-04-I	Playing of a track from the Media Player Virtual Filesystem	N/A	
113	TP/MCN/CB/BI-04-C	ChangePath - TG	N/A	
114	TP/MCN/CB/BV-05-I	Change in Media Database	N/A	
115	TP/MCN/CB/BV-06-I	Metadata from Virtual Filesystem	N/A	
116	TP/MCN/CB/BV-07-I	Browsing of a Folder if the Player is not Addressed	N/A	
117	TP/MCN/SRC/BV-01-I	Search Request	N/A	
118	TP/MCN/SRC/BV-02-I	Browsing of the Search Results	N/A	
119	TP/MCN/SRC/BV-03-I	Play from Search Results	N/A	
120	TP/MCN/SRC/BV-04-I	Metadata from Search Results	N/A	
121	TP/MCN/NP/BV-01-I	Playing of a track from the NowPlaying folder	N/A	
122	TP/MCN/NP/BV-02-I	Adding a Filesystem track to NowPlaying list	N/A	
123	TP/MCN/NP/BV-03-I	Adding a Search Result track to NowPlaying list	N/A	
124	TP/MCN/NP/BV-04-I	Local change of NowPlaying list on TG	N/A	

No	TC identifier	Description	Verdict	Comments
	Audio Video Remote Control Profile			
125	TP/MCN/NP/BV-05-I	Metadata from NowPlayingList	N/A	
126	TP/MCN/NP/BV-06-I	Browsing the NowPlayingFolder	N/A	
127	TP/MCN/NP/BV-07-I	Adding a Playable Folder to NowPlaying list	N/A	
128	TP/VLH/BV-01-I	Monitoring the TG Volume on the CT	N/A	
129	TP/VLH/BV-02-I	Changing the Volume	N/A	
130	TP/RCR/BV-01-C	Request continuing response - CT	N/A	
131	TP/RCR/BV-02-C	Request continuing response - TG	N/A	
132	TP/RCR/BV-03-C	Abort continuing response - CT	N/A	
133	TP/RCR/BV-04-C	Abort continuing response - TG	N/A	
134	TP/PTH/BV-01-C	Press and Release - CT	N/A	
135	TP/PTH/BV-02-C	Press and Hold - CT	N/A	

3 Profile Testing

3.1 Description of Test Set-up
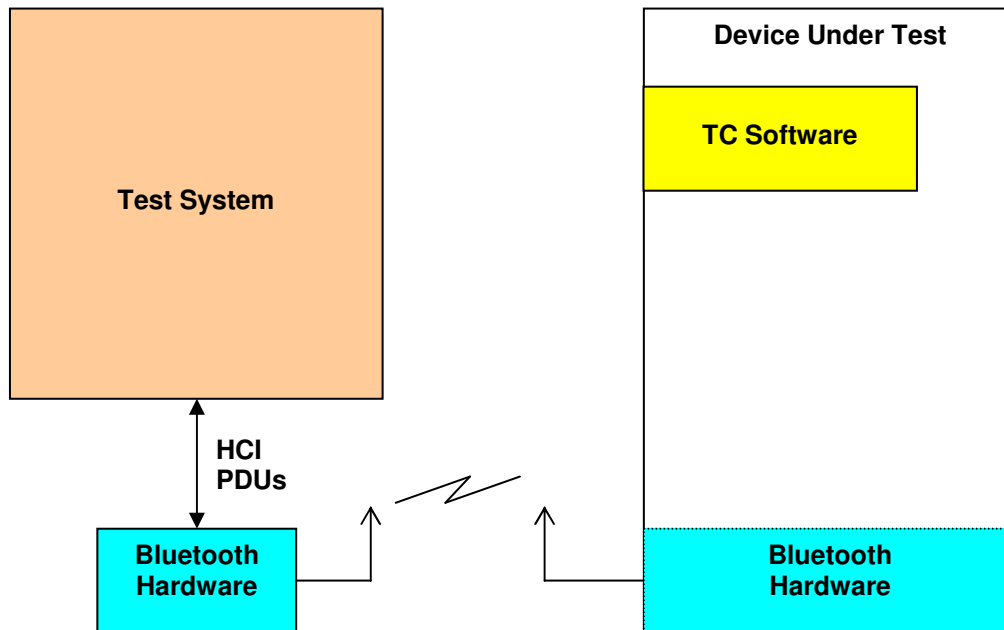
The Test System PTS for Bluetooth is running on a PC System.

The test system communicates with the Bluetooth Hardware via an HCI connection.

The tests are performed as remote tests and all communication between the Test System and the DUT is done via the radio interface.

3.2　List of Performed Test Cases

Profile: AVRCP　　　**Role:** ☒ Controller

TC-Identifier	Final Verdict	Date of Test
TP/CEC/BV-01-I	Pass	2017-05-09
TP/CEC/BV-02-I	Pass	2017-05-09
TP/CRC/BV-01-I	Pass	2017-05-09
TP/CRC/BV-02-I	Pass	2017-05-09
TP/PTH/BV-01-C	Pass	2017-05-09
TP/PTT/BV-01-I	Pass	2017-05-09
TP/NFY/BV-01-C	Pass	2017-05-09

Profile: AVRCP　　　**Role:** ☒ Target

TC-Identifier	Final Verdict	Date of Test
TP/CEC/BV-01-I	Pass	2017-05-09
TP/CFG/BI-01-C	Pass	2017-05-09
TP/CFG/BV-02-C	Pass	2017-05-09
TP/CRC/BV-01-I	Pass	2017-05-09
TP/CRC/BV-02-I	Pass	2017-05-09
TP/ICC/BV-01-I	Pass	2017-05-09
TP/ICC/BV-02-I	Pass	2017-05-09
TP/NFY/BI-01-C	Pass	2017-05-09
TP/PTT/BV-02-I	Pass	2017-05-09

3.3   Referenced Documents

Document Name	Version	Issue Date
Audio/Video Remote Control Profile	V1.3	16 Apr 2007
Audio/Video Remote Control Profile 1.0-1.6 Test Specification	AVRCP.TS.1.6.1.2	13 Dec 2016
Audio/Video Remote Control Profile 1.0-1.6 Implementation Conformance Statement (ICS) Proforma	AVRCP.ICS.1.6.1.1	14 Jul 2016
Test Case Reference List	2016-2	13 Dec 2016

3.4   Additional Information

The test results presented in this test report apply only to the particular implementation under test (IUT) Declared in clause 1.2 of this report, for the functionality described in the relevant Protocol Implementation Statement (PICS), as presented for test on the date(s) declared in the relevant Protocol Implementation Extra Information for testing (PIXIT).

This test report does not constitute or imply, by its own, to be an approval of the product by Qualification Bodies, Certification Bodies or competent Authorities.

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Abbreviations in this report: OK, Pass, P   =   passed
F   =   failed
N/A   =   not applicable
NT   =   not tested
EUT   =   equipment under test

Explanation of model designation:

The applicant declared that models S570, Sxy0(x=5~6,y=0~9), Kx,(x=1~30), S530PLUS ,
S8xy,(x=0~3,y=0~9), Xy,(y=6~30), S520-TWS，S530PLUS-TWS, S560-TWS, S570-TWS, S590-TWS,
Xz-TWS,(z=5~20), EW-BE002, EW-BE010, EW-BE011, EW-BE013 and EW-ZR030 are identical in
both design and implementation and differ only by non-functional characteristics. Tested model is S570.

3.5   Test Sample Information
The following sample was used for testing.

Sample No	Serial No/BT address	Date Of Reception
SZCR170508-01	0011671165DC	2017-05-08

3.6   List of Test Equipments

Profile Tuning Suite: PTS v. 7.0.0
AVRCP-ETS v. 10.0.0.70

EZURIO 4.0 PTS Dongle

Annex 1 Profile Implementation Conformance Statement

Profile Version and Role Declaration [top]

Table 0: No Longer Used

See Tables 2b and 7b for Profile Version Declaration

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	*(Intentionally left blank)*			○	◉
2	*(Intentionally left blank)*			○	◉
3	*(Intentionally left blank)*			○	◉

Table 1: Roles

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	Controller ⑦	2.2	C.1	◉	○
2	Target ⑦	2.2	C.1	◉	○

C.1: Mandatory to support at least one of the defined roles.

Table 2b: Controller Major Profile Version (X.Y)

Prerequisite 1/1

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	AVRCP v1.0 ?	AVRCP v1.0	C.1	○	◉
2	AVRCP v1.3 ?	AVRCP v1.3	C.1	◉	○
3	AVRCP v1.4 Deprecated Specification - New Qualifications marked as (Deprecated) by the system are subject to the $25K Deprecation Fee ?	AVRCP v1.4	C.1	○	◉
4	AVRCP v1.5 ?	AVRCP v1.5	C,1	○	◉
5	AVRCP v1.6 ?	AVRCP v1.6	C.1	○	◉

C.1: It is mandatory to support one of the profile versions.

Table 7b: Target Major Profile Version (X.Y)

Prerequisite: 1/2

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	AVRCP v1.0 ?	AVRCP v1.0	C.1	○	◉
2	AVRCP v1.3 ?	AVRCP v1.3	C.1	◉	○
3	AVRCP v1.4 Deprecated Specification - New Qualifications marked as (Deprecated) by the system are subject to the $25K Deprecation Fee ?	AVRCP v1.4	C.1	○	◉
4	AVRCP v1.5 ?	AVRCP v1.5	C.1	○	◉
5	AVRCP v1.6 ?	AVRCP v1.6	C.1	○	◉

C.1: Mandatory to support only one Profile Version.

Table 2: Controller Features

Prerequisite: 1/1
Prerequisite: Items 1-10 and 53 are applicable for AVRCP 1.0 and later versions.
Prerequisite: Items 11-26 are applicable for AVRCP 1.3 and later versions.
Prerequisite: Items 27-52 are applicable only for AVRCP 1.4 and later versions.
Prerequisite: Items 29b, 35b, 41b, 44b and 54-57 are applicable only for AVRCP 1.6 and later versions.

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	Initiating connection establishment for control	4.1.1	M	●	○
2	Accepting connection establishment for control initiated by TG	4.1.1	M	●	○
3	Initiating connection release for control	4.1.2	M	●	○
4	Accepting connection release for control initiated by TG	4.1.2	M	●	○
5	Sending UNIT INFO command	4.1.3	O	○	●
6	Sending SUBUNIT INFO command	4.1.3	O	○	●
7	Sending PASS THROUGH command in category 1 ?	4.1.3	C.1	●	○
8	Sending PASS THROUGH command in category 2 ?	4.1.3	C.1	○	●
9	Sending PASS THROUGH command in category 3 ?	4.1.3	C.1	○	●
10	Sending PASS THROUGH command in category 4 ?	4.1.3	C.1	○	●
11	Get Capabilities	AVRCP 1.3 - 5.1.1	O	○	●
12	List Player Application Setting Attributes	AVRCP 1.3 - 5.2.1	C.9	○	●
13	List Player Application Setting Values ?	AVRCP 1.3 - 5.2.2	O	○	●
14	Get Current Player Application Setting ?	AVRCP 1.3 - 5.2.3	C.10	○	●

15	Set Player Application Setting Value ⑦	AVRCP 1.3 - 5.2.4	C.10	○	◉
16	Get Player Application Setting Attribute Text	AVRCP 1.3 - 5.2.5	O	○	◉
17	Get Player Application Setting Value Text	AVRCP 1.3 - 5.2.6	O	○	◉
18	Inform Displayable Character Set	AVRCP 1.3 - 5.2.7	O	○	◉
19	Inform Battery Status of CT	AVRCP 1.3 - 5.2.8	O	○	◉
20	Get Element Attributes ⑦	AVRCP 1.3 - 5.3.1	O	○	◉
21	Get Play Status	AVRCP 1.3 - 5.4.1	O	○	◉
22	Register Notification	AVRCP 1.3 - 5.4.2	C.11	◉	○
23	Request Continuing Response	AVRCP 1.3 - 5.5.1	C.2	○	◉
24	Abort Continuing Response	AVRCP 1.3 - 5.5.2	C.2	○	◉
25	Next Group	AVRCP 1.3 - 5.6.1	C.12	○	◉
26	Previous Group	AVRCP 1.3 - 5.6.2	C.12	○	◉
27	Media Player Selection ⑦	AVRCP 1.4 - 6.9	O	○	◉
28	SetAddressedPlayer	AVRCP 1.4 - 6.9.1	O	○	◉
29	GetFolderItems(MediaPlayerList)	AVRCP 1.4 - 6.10.4.2	C.5	○	◉

29b	GetTotalNumberOfItems(MediaPlayerList)	AVRCP 1.6 - 6.10.4.4	O	○	◉
30	EVENT_AVAILABLE_PLAYERS_CHANED	AVRCP 1.4 - 6.9.4	O	○	◉
31	EVENT_ADDRESSED_PLAYER_CHANED	AVRCP 1.4 - 6.9.2	O	○	◉
32	Browsing ⑦	AVRCP 1.4 - 6.10	O	○	◉
33	SetBrowsedPlayer	AVRCP 1.4 - 6.9.3	C.4	○	◉
34	ChangePath	AVRCP 1.4 - 6.10.4.1	C.4	○	◉
35	GetFolderItems(Filesystem)	AVRCP 1.4 - 6.10.4.2	C.4	○	◉
35b	GetTotalNumberOfItems(Filesystem)	AVRCP 1.6 - 6.10.4.4	O	○	◉
36	GetItemAttributes	AVRCP 1.4 - 6.10.4.3	O	○	◉
37	PlayItem(Filesystem)	AVRCP 1.4 - 6.12.1	C.4	○	◉
38	EVENT_UIDS_CHANGED	AVRCP 1.4 - 6.10.3.3	O	○	◉
39	Searching ⑦	AVRCP 1.4 - 6.11	O	○	◉
40	Search	AVRCP 1.4 - 6.11	C.7	○	◉
41	GetFolderItems(Search Results)	AVRCP 1.4 - 6.10.4.2	C.7	○	◉
41b	GetTotalNumberOfItems(Search Results)	AVRCP 1.6 - 6.10.4.4	O	○	◉

42	PlayItem(SearchResultList)	AVRCP 1.4 - 6.12.1	C.7	○	◉
43	NowPlaying	AVRCP 1.4 - 6.10.1	C.8	○	◉
44	GetFolderItems(NowPlayingList)	AVRCP 1.4 - 6.10.4.2	C.8	○	◉
44b	GetTotalNumberOfItems(NowPlayingList)	AVRCP 1.6 - 6.10.4.4	O	○	◉
45	PlayItem(NowPlayingList)	AVRCP 1.4 - 6.12.1	C.8	○	◉
46	AddToNowPlaying	AVRCP 1.4 - 6.12.2	O	○	◉
47	EVENT_NOW_PLAYING_CONTENT_CHANGED	AVRCP 1.4 - 6.9.5	O	○	◉
48	Playable Folders	AVRCP 1.4 - 6.10.2.2	O	○	◉
49	Absolute Volume ?	AVRCP 1.4 - 6.13	C.3	○	◉
50	SetAbsoluteVolume	AVRCP 1.4 - 6.13.1	C.3	○	◉
51	NotifyVolumeChange	AVRCP 1.4 - 6.13.2	C.3	○	◉
52	Discoverable Mode	AVRCP 1.4 - 12.1	M	○	◉
53	PASSTHROUGH operation supporting Press and Hold	4.1.3	O	○	◉
54	Cover Art ?	AVRCP 1.6 - 5.14	O	○	◉
55	GetImageProperties	AVRCP 1.6 - 5.14	C.14	○	◉
56	GetImage	AVRCP 1.6 - 5.14	C.13	○	◉
57	GetLinkedThumbnail	AVRCP 1.6 - 5.14	C.13	○	◉

C.1: Mandatory to support at least one of the defined categories (2/7 through 2/10).
C.2: Mandatory to support at least one of 2/23 or 2/24 if 2/20 is supported, otherwise Excluded
C.3: Mandatory if 2/8 is supported, otherwise Excluded.
C.4: Mandatory if 2/32 is supported, otherwise Excluded.
C.5: Mandatory if 2/27 is supported, otherwise Excluded.
C.8: Mandatory if 2/32 is supported, otherwise Excluded.
C.9: Mandatory to support if Player Application Settings feature is supported. If any item 2/13 through 2/15 is supported it is required to claim support for this feature in accordance with Player Application Settings support requirements, otherwise Optional.
C.10: Mandatory to support either Get or Set Player Application Settings (2/14 or 2/15) if List Player Application Setting Attributes (2/12) is supported. Either 2/14 or 2/15 must be supported if Player Application Settings feature is supported, in accordance with Player Application Settings support requirements.
C.11: Mandatory if 2/20 or 2/49 is supported, otherwise Optional.
C.12: Mandatory if Basic Group Navigation Feature supported. If any item 2/25 or 2/26 is supported it is mandatory to support both, in accordance with Basic Group Navigation support requirements, otherwise Excluded.
C.13: Mandatory to support at least one of the functions if 2/54 (Cover Art) is supported, otherwise Excluded.
C.14: Optional if 2/54 (Cover Art) is supported, otherwise Excluded.
C.7: Mandatory if item 2/39 (Searching) is supported, otherwise Excluded.

Table 3: Operation_id of Category 1 for CT

Prerequisite: 2/7
Reference for AVRCP 1.0 is 4.7.6.
Reference for AVRCP 1.3 is 4.8.6.

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	0	See Comments	C.1	○	⦿
2	1	See Comments	C.1	○	⦿
3	2	See Comments	C.1	○	⦿
4	3	See Comments	C.1	○	⦿
5	4	See Comments	C.1	○	⦿
6	5	See Comments	C.1	○	⦿
7	6	See Comments	C.1	○	⦿
8	7	See Comments	C.1	○	⦿
9	8	See Comments	C.1	○	⦿
10	9	See Comments	C.1	○	⦿
11	dot	See Comments	C.1	○	⦿
12	enter	See Comments	C.1	○	⦿
13	clear	See Comments	C.1	○	⦿
14	sound select	See Comments	C.1	○	⦿
15	input select	See Comments	C.1	○	⦿
16	display information	See Comments	C.1	○	⦿
17	help	See Comments	C.1	○	⦿
18	power	See Comments	C.1	○	⦿
19	play	See Comments	C.1	⦿	○
20	stop	See Comments	C.1	○	⦿
21	pause	See Comments	C.1	⦿	○
22	record	See Comments	C.1	○	⦿
23	rewind	See Comments	C.1	○	⦿
24	fast forward	See Comments	C.1	○	⦿
25	eject	See Comments	C.1	○	⦿
26	forward	See Comments	C.1	⦿	○
27	backward	See Comments	C.1	⦿	○
28	angle	See Comments	C.1	○	⦿
29	subpicture	See Comments	C.1	○	⦿
30	F1	See Comments	C.1	○	⦿
31	F2	See Comments	C.1	○	⦿
32	F3	See Comments	C.1	○	⦿
33	F4	See Comments	C.1	○	⦿
34	vendor unique	See Comments	C.1	○	⦿

C.1: Mandatory to support at least one if 2/7 is supported.

Table 7: Target Features

Prerequisite: 1/2
Prerequisite: Items 1-10 and 66 are applicable for AVRCP 1.0 and later versions.
Prerequisite: Items 11-35 in this table are applicable for AVRCP 1.3 and later versions.
Prerequisite: Items 36-65 in this table are applicable only for AVRCP 1.4 and later versions.
Prerequisite: Items 38b, 45b, 52b and 67-70 are applicable only for AVRCP 1.6 and later versions.

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	Initiating Connection Establishment for Control	4.1.1	O	○	◉
2	Accepting Connection Establishment for Conrol Initiated by CT	4.1.1	M	◉	○
3	Initiating Connection Release for Control	4.1.2	M	◉	○
4	Accepting Connection Release for Control Initiated by CT	4.1.2	M	◉	○
5	Receiving UNIT INFO Command	4.1.3	M	◉	○
6	Receiving SUBUNIT INFO	4.1.3	M	◉	○
7	Receiving PASS THROUGH Command in category 1 ⑦	4.1.3	C.1	○	◉
8	Receiving PASS THROUGH Command in category 2 ⑦	4.1.3	C.1	◉	○
9	Receiving PASS THROUGH Command in category 3 ⑦	4.1.3	C.1	○	◉
10	Receiving PASS THROUGH Command in category 4 ⑦	4.1.3	C.1	○	◉
11	Get Capabilities Response	AVRCP 1.3 - 5.1.1	C.3	◉	○
12	List Player Application Settings Attributes Response ⑦	AVRCP 1.3 - 5.2.1	C.14	○	◉
13	List Player Application Setting Values Response ⑦	AVRCP 1.3 - 5.2.2	C.14	○	◉
14	Get Current Player Application Settings Value Response ⑦	AVRCP 1.3 - 5.2.3	C.14	○	◉

15	Set Player Application Setting Value Response ⓘ	AVRCP 1.3 - 5.2.4	C.14	◯	◉
16	Get Player Application Setting Attribute Text Response	AVRCP 1.3 - 5.2.5	O	◯	◉
17	Get Player Application Setting Value Text Response	AVRCP 1.3 - 5.2.6	O	◯	◉
18	Inform Displayable Character Set Response	AVRCP 1.3 - 5.2.7	O	◯	◉
19	Inform Battery Status Of CT Response	AVRCP 1.3 - 5.2.8	O	◯	◉
20	Get Element Attributes Response ⓘ	AVRCP 1.3 - 5.3.1	C.3	◯	◉
21	Get Play Status Response	AVRCP 1.3 - 5.4.1	C.2	◯	◉
22	Register Notification Response ⓘ	AVRCP 1.3 - 5.4.2	C.12	◉	◯
23	Notify Event Response: PLAYBACK_STATUS_CHANGED	AVRCP 1.3 - 5.4.2	C.4	◯	◉
24	Notify Event Response: TRACK_CHANGED	AVRCP 1.3 - 5.4.2	C.4	◯	◉
25	Notify Event Response: TRACK_REACHED_END	AVRCP 1.3 - 5.4.2	O	◯	◉
26	Notify Event Response: TRACK_REACHED_START	AVRCP 1.3 - 5.4.2	O	◯	◉
27	Notify Event Response: TRACK_POS_CHANGED	AVRCP 1.3 - 5.4.2	O	◯	◉
28	Notify Event Response: BATT_STATUS_CHANGED	AVRCP 1.3 - 5.4.2	O	◯	◉
29	Notify Event Response: SYSTEM_STATUS_CHANGED	AVRCP 1.3 - 5.4.2	O	◯	◉

30	Notify Event Response: PLAYER_APPLICATION_SETTING_CHANGED	AVRCP 1.3 - 5.4.2	O	○	◉
31	Request Continuing Response	AVRCP 1.3 - 5.5.1	C.2	○	◉
32	Abort ContinuingResponse Response	AVRCP 1.3 - 5.5.2	C.2	○	◉
33	*(Intentionally left blank)*			○	◉
34	Next Group ?	5.6.1	C.15	○	◉
35	Previous Group ?	5.6.2	C.15	○	◉
36	Media Player Selection	AVRCP 1.4 - 6.9	C.8	○	◉
37	SetAddressedPlayer	AVRCP 1.4 - 6.9.1	C.8	○	◉
38	GetFolderItems(MediaPlayerList)	AVRCP 1.4 - 6.9.1	C.8	○	◉
38b	GetTotalNumberOfItems(MediaPlayerList)	AVRCP 1.6 - 6.10.4.4	C.8	○	◉
39	EVENT_AVAILABLE_PLAYERS_CHAN	AVRCP 1.4 - 6.9.4	C.8	○	◉
40	EVENT_ADDRESSED_PLAYER_CHAN	AVRCP 1.4 - 6.9.2	C.8	○	◉
41	Supports Multiple Players	AVRCP 1.4 - 6.9	O	○	◉
42	Browsing ?	AVRCP 1.4 - 6.10	O	○	◉
42a	Initiating connection establishment for browsing channel	4.1.1	O	○	◉
43	SetBrowsedPlayer	AVRCP 1.4 - 6.9.3	C.6	○	◉
44	ChangePath	AVRCP 1.4 - 6.10.4.1	C.6	○	◉
45	GetFolderItems(Filesystem)	AVRCP 1.4 - 6.10.4.2	C.6	○	◉

45b	GetTotalNumberOfItems(Filesystem)	AVRCP 1.6 - 6.10.4.4	C.6	○	◉
46	GetItemAttributes	AVRCP 1.4 - 6.10.4.3	C.6	○	◉
47	PlayItem(Filesystem)	AVRCP 1.4 - 6.12.1	C.6	○	◉
48	EVENT_UIDS_CHANGED	AVRCP 1.4 - 6.10.3.3	C.9	○	◉
49	Database Aware Players ⑦	AVRCP 1.4 - 6.10.3.2	O	○	◉
50	Searching ⑦	AVRCP 1.4 - 6.11	O	○	◉
51	Search	AVRCP 1.4 - 6.11	C.10	○	◉
52	GetFolderItems(Search Results)	AVRCP 1.4 - 6.10.4.2	C.10	○	◉
52b	GetTotalNumberOfItems(SearchResults)	AVRCP 1.6 - 6.10.4.4	C.10	○	◉
53	PlayItem(SearchResultList)	AVRCP 1.4 - 6.12.1	C.10	○	◉
54	NowPlaying	AVRCP 1.4 - 6.10.1	C.11	○	◉
55	GetFolderItems(NowPlayingList)	AVRCP 1.4 - 6.10.4.2	C.11	○	◉
55b	GetTotalNumberOfItems(NowPlayingList)	AVRCP 1.6 - 6.10.4.4	C.11	○	◉
56	PlayItem(NowPlayingList)	AVRCP 1.4 - 6.12.1	C.11	○	◉
57	AddToNowPlaying	AVRCP 1.4 - 6.12.2	O	○	◉

58	EVENT_NOW_PLAYING_CONTENT_CHANGED	AVRCP 1.4 - 6.9.5	C.11	○	◉
59	Playable Folders	AVRCP 1.4 - 6.10.2.2	O	○	◉
60	Absolute Volume ⑦	AVRCP 1.4 - 6.13	C.5	○	◉
61	SetAbsoluteVolume	AVRCP 1.4 - 6.13.1	C.5	○	◉
62	NotifyVolumeChange	AVRCP 1.4 - 6.13.2	C.5	○	◉
63	Error Response	AVRCP 1.4 - 6.15	O	○	◉
64	General Reject	AVRCP 1.4 - 6.15.2.1	C.13	○	◉
65	Discoverable Mode	AVRCP 1.4 - 12.1	M	○	◉
66	PASSTHROUGH operation supporting Press and Hold	AVRCP 4.1.3	O	○	◉
67	Cover Art ⑦	AVRCP 1.6 - 5.14	O	○	◉
68	GetImageProperties	AVRCP 1.6 - 5.14	C.16	○	◉
69	GetImage	AVRCP 1.6 - 5.14	C.16	○	◉
70	GetLinkedThumbnail	AVRCP 1.6 - 5.14	C.16	○	◉

C.1: Mandatory to support at least one of the categories. Supported operation_id's are shown in Table 8 to Table 11.
C.2: Mandatory if 7/20 is supported, otherwise Optional.
C.3: Mandatory if 7/7 is supported, otherwise Optional.
C.4: Mandatory if 7/22 and 7/20 is supported, otherwise Optional.
C.5: Mandatory if 7/8 is supported, otherwise Excluded.
C.6: Mandatory if 7/42 is supported, otherwise Excluded.
C.7: Mandatory if 7/36 is supported, otherwise Excluded.
C.8: Mandatory if (7/7 or 7/9) is supported, otherwise Excluded.
C.9: Mandatory if 7/49 is supported, otherwise Optional.
C.10: Mandatory if 7/50 is supported, otherwise Excluded.
C.11: Mandatory if 7/42 is supported, otherwise Optional.
C.12: Mandatory if 7/7 or (7/8 AND 7/60) or 7/9 is supported, otherwise Optional.
C.13: Mandatory if 7/7 or 7/9 or 7/42 is supported, otherwise Optional.
C.14: Mandatory if Player Application Settings Feature supported. If any item 7/12 – 7/15 is supported, all items 7/12 – 7/15 shall be supported, in accordance with Player Application Settings Feature support requirements, otherwise Excluded.
C.15: Mandatory if Basic Group Navigation Feature supported. If any item 7/34 or 7/35 is supported it is mandatory to support both, in accordance with Basic Group Navigation support requirements, otherwise Excluded.
C.16: Mandatory if 7/67 (Cover Art) is supported, otherwise Excluded.

Table 9: Operation_id of category 2 for TG

Prerequisite: (7/8)
Reference for AVRCP 1.0 is 4.7.5.
Reference for AVRCP 1.3 is 4.8.5.

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	0	See Comments	O	○	◉
2	1	See Comments	O	○	◉
3	2	See Comments	O	○	◉
4	3	See Comments	O	○	◉
5	4	See Comments	O	○	◉
6	5	See Comments	O	○	◉
7	6	See Comments	O	○	◉
8	7	See Comments	O	○	◉
9	8	See Comments	O	○	◉
10	9	See Comments	O	○	◉
11	dot	See Comments	O	○	◉
12	enter	See Comments	O	○	◉
13	clear	See Comments	O	○	◉
14	sound select	See Comments	O	○	◉
15	input select	See Comments	O	○	◉
16	display information	See Comments	O	○	◉
17	help	See Comments	O	○	◉
18	power	See Comments	O	○	◉
19	volume up	See Comments	M	◉	○
20	volume down	See Comments	M	◉	○
21	mute	See Comments	O	○	◉
22	(Intentionally left blank)			○	◉
23	(Intentionally left blank)			○	◉
24	F1	See Comments	O	○	◉
25	F2	See Comments	O	○	◉
26	F3	See Comments	O	○	◉
27	F4	See Comments	O	○	◉
27a	F5	See Comments	O	○	◉
28	vendor unique	See Comments	O	○	◉

Annex 2 Test plan generated by TPG

Test Cases for AVRCP			
TP/CEC/BV-01-I	Connection establishment -CT	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:A
TP/CFG/BI-01-C	Get capabilities invalid behavior response - TG	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:N/A
TP/CFG/BV-02-C	Get capabilities response - TG	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:N/A
TP/CRC/BV-01-I	Connection release–CT	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:A
TP/CRC/BV-02-I	Connection release–TG	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:A
TP/ICC/BV-01-I	Information collection by UNIT INFO command	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:B
TP/ICC/BV-02-I	Information collection by SUBUNIT INFO command	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:B
TP/NFY/BI-01-C	Register for events invalid behavior - TG	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:N/A
TP/PTT/BV-02-I	PASS THROUGH command transfer-category 2	AVRCP.TS.1.6.1.2	TG IUT:B;CT IUT:B
Test Cases for AVRCP Controller Role			
TP/CEC/BV-01-I	Connection establishment -CT	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:A
TP/CEC/BV-02-I	Connection establishment -TG	AVRCP.TS.1.6.1.2	TG IUT:B;CT IUT:A
TP/CRC/BV-01-I	Connection release–CT	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:A
TP/CRC/BV-02-I	Connection release–TG	AVRCP.TS.1.6.1.2	TG IUT:A;CT IUT:A
TP/NFY/BV-01-C	Register Notification - CT	AVRCP.TS.1.6.1.2	TG IUT:N/A;CT IUT:A
TP/PTH/BV-01-C	Press and Release - CT	AVRCP.TS.1.6.1.2	TG IUT:;CT IUT:B
TP/PTT/BV-01-I	PASS THROUGH command transfer-category 1	AVRCP.TS.1.6.1.2	TG IUT:B;CT IUT:B