TEST REPORT

Application No.:	SZCR2502000437WM
Applicant:	Honor Device Co., Ltd.
Address of Applicant:	Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No. 8089, Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, Guangdong 518040, People's Republic of China
Manufacturer:	Honor Device Co., Ltd.
Address of Manufacturer:	Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No. 8089, Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, Guangdong 518040, People's Republic of China
Equipment Under Test (EUT):	
EUT Name:	Mobile Phone
Model No.:	PTP-N49
Standard(s) :	EN 301 549 V3.2.1 (2021-03)
	EN 301 549 V4.1.1c (2025-04) - V.0.0.13
Date of Receipt:	2025-02-07
Date of Test:	2025-02-07 to 2025-04-14
Date of Issue:	2025-06-25
Test Result:	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

Keny Xu
EMC Laboratory Manager

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Laboratory.

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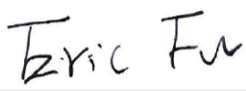
Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
01		2025-06-25		Original

Authorized for issue by:				
		Ryan Yang/Project Engineer		
		 **Eric Fu/Reviewer**		

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2 Test Summary

Item	Standard	Method	Result
Generic requirements	EN 301 549 V4.1.1c (2025-04) - V.0.0.13 Clause 5 Generic requirements	EN 301 549 V4.1.1c (2025-04) - V.0.0.13	Pass
ICT supporting real-time bidirectional communication	EN 301 549 V4.1.1c (2025-04) - V.0.0.13 Clause 6 ICT supporting real-time bidirectional communication		Pass
ICT with video capabilities	EN 301 549 V4.1.1c (2025-04) - V.0.0.13 Clause 7 ICT with video capabilities		Pass
Hardware	EN 301 549 V4.1.1c (2025-04) - V.0.0.13 Clause 8 Hardware		Pass
Software	EN 301 549 V4.1.1c (2025-04) - V.0.0.13 Clause 11 Software	EN 301 549 V4.1.1c (2025-04) - V.0.0.13 WCAG 2.2	Pass

Remark:

1. The test content of EN 301 549 V4.1.1c can cover EN 301 549 V3.2.1. Therefore, only all the test cases of EN 301 549 V4.1.1c are listed here to simultaneously prove that the product complies with both the content of EN 301 549 V4.1.1c and EN 301 549 V3.2.1.
2. Web Content Accessibility Guidelines (WCAG): Web Content Accessibility Guidelines (WCAG) 2.1 covers a wide range of recommendations for making Web content more accessible. WCAG 2.2 extends Web Content Accessibility Guidelines 2.1 (WCAG2.1), which was published as a W3C Recommendation June 2018.

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3 Contents

Page

1 Cover Page 1

2 Test Summary 3

3 Contents 4

4 General Information 5

4.1 Details of E.U.T. 5
4.2 Support Unit 5
4.3 Measurement Uncertainty 6
4.4 Test Location 6
4.5 Test Facility 7
4.6 Deviation from Standards 7
4.7 Abnormalities from Standard Conditions 7

5 Equipment List 8

6 Test Results 9

6.1 Generic Requirements 9
6.2 ICT supporting continuous bidirectional communication 12
6.3 ICT with video capabilities 22
6.4 Hardware 23
6.5 Software 23

7 Test Setup Photo 31

7.1 Test setup photo of Speaker volume 31

8 EUT Constructional Details (EUT Photos) 32

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4 General Information

4.1 Details of E.U.T.

Description	EUT situation
OS Version	Magic OS 9.0
Android Version	V15
Build number	9.0.0.191(SP72C431E5R4P1log), 9.0.0.x(SPxxC431ExRxPxlog) Note: The x in the version number represents a digit and indicates upward compatibility. Software updates will be released by the manufacturer to fix some bugs or enhance some functions after launch on the market. All versions released by the manufacturer do not introduce changes to accessibility features.
Baseband version	00034,00034
Kernel version	6.6.30-android15-8-g0261dbe3cf7e-a b12786384-4k kleaf@build-host #1 Wed Dec 11 19:16:38 UTC 2024
Product is a fixed device	No
Product has Claiming visual distance	No
Product has screen reading function	Yes
Product has non-web software that supports screen reading function	Yes
The transaction process supports automatic detection of erroneous inputs	Yes
Product has RTT function	Yes
Electronic format product files are provided with the product	No
Product has two-way video communication function	Yes
Operational space/functional range for consumer	The operation and settings of this product are all supported by the device itself.

Remark:

The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Support Unit

Equipment	Manufacturer	Model No.
Bluetooth Keyboard	Logitech	K865
Bluetooth Mouse	Logitech	M650M

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4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Coverage Factor k = 2, when measurement result is ≥1cd/m2	± 3.47%
Coverage Factor k = 2, when measurement result is <1cd/m2	± 4.45%
Colour unit (CIE 1976)	± 0.003
PULSE Analysis system	0.2dB
Acoustic Calibrator	0.1dB
Anechoic Chamber	0.6dB
Low Noise Microphone	0.24dB
Steel Ruler	0.9mm

Remark:
The U_{lab} (lab Uncertainty) is less than $U_{cispr/ETSI}$ (CISPR/ETSI Uncertainty), so the test results
– compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
– non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

4.4 Test Location

All tests except for the RTT tests of clause 6 were performed at:
SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.
Tel: +86 755 2601 2053 Fax: +86 755 2671 0594
RTT tests of clause 6 were sub-contracted:
Fabryczna 11/203, 31-553 Kraków Poland
Tel: +48 45 325 56 15
Stresemannstraße 47 40210 Dusseldorf
Tel: 015206530881

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4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC –Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

• Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

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SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center EEC Laboratory.

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5 Equipment List

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
PULSE Analysis system	B&K	3160-A-042	SZE029-2-2	2024-10-09	2025-10-08
Acoustic Calibrator	B&K	4231	SZE029-2-3	2024-10-18	2025-10-17
Anechoic Chamber	QUNFENG	4.0m*3.6m*2.7m	SZE029-3	2023-06-27	2028-06-26
Low Noise Microphone	B&K	4955	SZE029-7	2024-10-18	2025-10-17
Steel Ruler	SU ZHOU	3M	SZE078-1	2023-12-12	2026-12-11

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6 Test Results

6.1 Generic Requirements

Applies to EN 301 549 Criteria			
Test Item		**Procedure**	**Result**
Clause 5.1 Closed functionality			
5.1.2 General	5.1.2.2 Assistive technology	1. Determine the functionality of the ICT that is closed. 2. Check that the tests C.5.1.3 to C.5.1.6 can be carried out without the attachment or installation of any assistive technology except personal headsets or inductive loops.	Pass
5.1.3 Non-visual access	5.1.3.1 Audio output of visual information	1. Determine the functionality of the ICT that is closed. 2. Check that they are all operable using audio output access.	Pass
	5.1.3.2 Auditory output delivery including speech	1. Check that the auditory output is delivered by a mechanism included in or provided with the ICT. 2. Check that the auditory output is delivered by a personal headset that can be connected through a 3,5 mm audio jack without requiring the use of vision.	Pass
	5.1.3.4 Speech output user control	1. Check that the speech output is capable of being interrupted when requested by the user. 2. Check that the speech output is capable of being repeated when requested by the user.	Pass
	5.1.3.5 Speech output automatic interruption	1. Determine the closed functions of the ICT. 2. Check that the speech output for each single function is interrupted on a user action. 3. Check that the speech output for each single function is interrupted when new speech output begins.	Pass
	5.1.3.6 Speech output for non-text content	1. Check that speech output is provided as an alternative for non-text content. 2. Check that the non-text content is not pure decoration. 3. Check that the non-text content is not used only for visual formatting. 4. Check that the speech output follows the guidance for "text alternative" described in WCAG 2.2 Success Criterion 1.1.1.	Pass
	5.1.3.7 Speech output for video information	1. Check that the speech output presents equivalent information for the pre-recorded video content.	Not applicable

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	5.1.3.8 Masked entry	1. Check that the auditory output is not a spoken version of the characters entered. 2. Check that the auditory output is known to be delivered only to a mechanism for private listening.	Pass
	5.1.3.9 Private access to personal data	1. Check that the auditory output is only delivered through a mechanism for private listening. 2. Check that the mechanism for private listening can be connected without requiring the use of vision. 3. Check that the auditory output is delivered through all user-selectable mechanisms.	Pass
	5.1.3.10 Non-interfering audio output	1. Check that the interfering audible output lasts no longer than three seconds.	Not applicable
	5.1.3.11 Private listening volume	1. Check that there is at least one non-visual mode of operation for controlling the volume.	Pass
	5.1.3.12 Speaker volume	1. Check that a non-visual incremental volume control is provided. 2. Check that output amplification up to a level of at least 65 dBA (-29 dBPaA) is available.	Pass
	5.1.3.13 Volume reset	1. Check that a function is provided to automatically reset the volume to be at a level of 65 dBA or less after every use.	Not applicable
	5.1.3.14 Spoken languages	1. Check that the speech output is in the same human language of the displayed content provided.	Pass
	5.1.3.15 Non-visual error identification	1. Check that speech output identifies the item that is in error. 2. Check that the speech output describes the item that is in error.	Pass
	5.1.3.16 Receipts, tickets and transactional outputs	1. Check that speech output is provided which includes, all information necessary to complete or verify the transaction.	Pass
5.1.4 Functionality closed to text enlargement		1. Measure the height of a capital letter H. 2. Check that it subtends an angle of at least 0,7 degrees at the specified viewing distance.	Not applicable
5.1.5 Visual output for auditory information		1. Check that the visual information is equivalent to the pre-recorded auditory output.	Pass
5.1.6 Operation without keyboard interface	5.1.6.1 Closed functionality	1. Check that all functionality is operable without vision.	Not applicable
	5.1.6.2 Input focus	1. Check that it is possible to move the input focus away from that element using the same mechanism.	Not applicable
5.1.7 Access without speech		1. Check that the closed functions can be enabled by an alternative input mechanism that does not require speech.	Pass

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5.1.8 Identify input purpose (closed functionality)		1.For each input field that collects information about a user check that it serves a purpose identified in the Input Purposes for User Interface Components section of WCAG 2.2. 2.Check that there is auditory output that conforms to clause 5.1.3.2. 3.Check that the auditory output describes the input purpose.	Pass
Clause 5.2 Activation of accessibility features			
5.2 Activation of accessibility features		1. Check that it is possible to activate those accessibility features without relying on a method that does not support that need.	Pass
Clause 5.3 Biometrics			
5.3 Biometrics	Testing 1	1.Check that means can be used for user identification.	Pass
	Testing 2	1. Check that another means can be used for control of ICT.	Pass
Clause 5.4 Preservation of accessibility information during conversion			
5.4 Preservation of accessibility information during conversion		1. Check that the non-proprietary information provided for accessibility is preserved when the ICT converts information or communication.	Not applicable
Clause 5.5 Control using tactilely discernible operable parts			
5.5 Control using tactilely discernible operable parts		1. Check that there is a mode of operation that allows all the functionality of the ICT that requires manual operation and control to be controlled without requiring vision using only tactilely discernible operable parts.	Pass
Clause 5.6 Locking or toggle controls			
5.6.1 Tactile or auditory status		1. Check that there is at least one mode of operation where the status of all locking or toggle controls can be determined through touch without operating the control. 2. Check that there is at least one mode of operation where the status of all locking or toggle controls can be determined through sound without operating the control.	Pass
5.6.2 Visual status		1. Check that there is at least one mode of operation where the status of all locking or toggle controls can be visually determined when the control is presented.	Pass

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6.2 ICT supporting continuous bidirectional communication

Applies to EN 301 549 Criteria		
Test Item	**Procedure**	**Result**
Clause 6.1 Audio bandwidth for voice communication		
6.1 Audio bandwidth for voice communication	1. Check that the ICT can encode and decode audio with a frequency range with an upper limit of at least 7 000 Hz.	Pass[1)]
Clause 6.2 Real-Time Text (RTT)		
6.2.1.1 RTT Functionality	1. A communication session is established between two communication clients. (for emergency communication the PSAP is considered as communication client 2 in this test) 2. Text is entered into communication client 1 in a steady flow without pauses for 10 seconds without send or return. 3. Check that the text received by Communication client 2 is presented without any pause longer than 1 second. 4. Text is entered into the communication client 2 in a steady flow without pauses for 10 seconds without send or return. 5. Check that the text received by communication client 1 is presented without any pause longer than 1 second.	Pass
6.2.1.2 Concurrent voice and text	1. Initiation: A communication session is established from communication client 1 to communication client 2 (and a communication client 3 if multiparty voice communication is supported) (for emergency communication the PSAP is considered as communication client 2 in this test). 2. C1 Activates RTT: Communication client 1 turns on RTT if not on by default. 3. 10 seconds typing out: Text is entered on Communication client 1 in a -steady human-like flow continuously for 10 seconds without any return or send key, while the communicator is also speaking the text aloud. (If multiparty then communication client 3 should speak instead.) 4.Check that while the text is entered on communication client 1 characters appears on communication client 2. 5.Check that the communicator could be clearly heard simultaneous with text appearing. 6. 10 seconds typing back: Text is entered on Communication client 2 in a steady human-like	Pass

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	flow continuously for 10 seconds without any return or send key, while the communicator on Communication client 2 is also speaking the text aloud. (If multiparty – Communication client 3 should be talking and typing). 7.Check that while the text is entered on communication client 1 characters appears on communication client 2. 8.Check that the communicator could be clearly heard simultaneous with text appearing.	
6.2.1.3 Single-user operations	1.Initiation: A communication session is established from communication client 1 to communication client 2 including a request to get RTT all available media included in the communication(for emergency communication the PSAP is considered as communication client 2 in this test). 2.add a communication client 3 to the communication also with RTT, and also video if video is supported by the ICT, and if multiparty voice communication is supported. 3. Check that all requested media were activated by the same single user operation. 4. Check that all media requested and supported by communication client 3 was activated by the same single user operation. 5. Disconnect the communication from communication client device 1. 6. Check that all enabled media were disconnected by the same single user operation. 7. Call back from communication client device 2 to communication client device 1. 8. Check: that the call back is received and can be answered and that the same media as were provided in the initial communication are provided.	Pass
6.2.2.1 Distinguishable display	1.Initiation: A communication session is established from communication client device 1 to communication clients 2 (and a communication client 3 if multiparty voice communication is supported)(for emergency communication the PSAP is considered as communication client 2 in this test). 2.C1 Activates RTT: Communication client 1 turns on RTT if not on be default. 3.10 seconds typing out: Text is entered into communication client 1 in a steady human-like flow continuously for 10 seconds without any return or send key. 4.10 seconds typing back: Text is entered into	Pass

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	communication client 2 in a steady human-like flow continuously for 10 seconds without any return or send key. 5.(If multiparty – text should also be entered into Communication client 3.) 6.Check that all text streams are separate from each other and the source is indicated. 7.All parties generate a send or return and enter text for 5 seconds. 8.Check that all past utterances and current text streams are separate from each other and the source is indicated.	
6.2.2.2 Active communicator indication	1. Initiation: A communication session is established from communication client 1 to communication clients 2 (If multiparty – a communication client 3 should also be included)(for emergency communication the PSAP is considered as communication client 2 in this test). 2. C1 Activates RTT: Communication client 1 turns on RTT if not on be default. 3. C2 Speaks: text and speech are sent from communication client 2 intermittently both separately and simultaneously. 4. C3 Speaks: If multiparty speech is supported then C3 should take turns sending speech as well). 5.Check that any time that C2 or C3 are speaking there is an indication of audio activity on the line.	Pass
6.2.2.3 Indicator of audio with RTT	1.Initiation: A communication session is established from communication client 1 to communication client 2 (If multiparty – a communication client 3 should also be included)(for emergency communication the PSAP is considered as communication client 2 in this test). 2.C1 Activates RTT: Communication client 1 turns on RTT if not on by default. 3.C2 Speaks: text and speech are sent from communication client 2 intermittently both separately and simultaneously. 4.C3 Speaks: If multiparty speech is supported then C3 should take turns sending speech as well). 5.Check that any time that C2 or C3 are speaking there is a visual indication of audio activity on the line.	Pass
6.2.2.4 Presentation of relative time order	1.Initiation: A communication session is	Pass

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	established from communication client device C1 to communication client C2 including RTT (and a communication client C3 if multiparty voice communication is supported)(for emergency communication the PSAP is considered as communication client 2 in this test) 2.Text is entered on the Communication clients simultaneously in natural human communication style with occasional commas, full stops and returns or new line keys for 30 seconds. 3. Check that the sent and received text are displayed collected in readable blocks and positioned separated so that a relative order can be perceived. 4. Each communication client sends text again simultaneously for 10 characters or more and a return or new line key is hit first on C1 and later on C2 and typing continues for a few seconds on the clients. 5. Check that on C1 the order of the entered new lines is visually indicated to be earlier from C1 than from C2 (and C3).	
6.2.2.5 Review of RTT communication contents	1. Initiation: A communication session is established from communication client device C1 to communication client(s) C2 (and a communication client C3 if multiparty voice communication is supported). (for emergency communication the PSAP is considered as communication client 2 in this test) 2. C1 Activates RTT: Communication client C1 turns on RTT if not on by default. 3. Text sent from all clients until scroll: Text is entered real-timely on Communication clients C1 and C2 typing real sentences and sometimes pressing Enter or Return until the text on C1 scrolls. (If multiparty – a communication client C3 should included and be typing too). 4. C2 Continue typing while C1 views: Once enough text is sent to cause the display to scroll on C1, C2 (can C3 if one is involved) continues to send text while C1 makes user interface actions needed to view what has been scrolled off screen (usually a page-up request or some other command for scroll back). 5. Check that C1 can view text that has been scrolled off screen and with the approximate time order presented. 6. Check that the presentation view of earlier text is stable even as new text arrives.	Pass

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	7. Restart typing: Type a sentence on C1. 8. Check that the display on C1 changes to show the latest received text as well as the latest text sent, and that real-time presentation of new incoming text is re-gained. 9. End communication session: Terminate the current communication. 10. Check that the RTT text communication in the latest session can be reviewed after the communication is terminated.	
6.2.3 DTMF touch-tone generation during RTT operations	1.Initiation: A communication session is established from communication client 1 to communication client 2(for emergency communication the PSAP is considered as communication client 2 in this test) 2.C1 Activates RTT: Communication client 1 turns on RTT if not on by default 3.C2 next to decoder: Communication client 2's speaker is put next to microphone on device running touchtone decoder app. 4.Tones sent: Touch-Tones are sent from C1 while in RTT mode. 5.Text is entered on Communication client 1 in a steady human-like flow continuously for 10 seconds without any return or send key, while the communicator is also speaking the text aloud. (If multiparty then communication client 3 should speak instead.) 6.Check That the tones are successfully sent and received on Communication client 2 with enough clarity to properly decode them.	Pass
6.2.4 RTT responsiveness	OPTION 1 – Preferred Testing Method 1. Setup: Arrange test equipment to measure the time between when a key is pressed and when the character is transmitted from the device. NOTE: In case of encrypted communication, it may be sufficient to observe when the first packet likely containing the character is sent. 2. Initiate call: A communication session is established from communication client 1 to communication client 2. 3. 5 seconds typing: Text is entered on Communication client 1 in a steady humanlike flow for 5 seconds to ensure RTT is working. 4. 5 seconds pause: Wait 5 seconds to make it easy to identify the first packet containing the character entered in step 5. 5. Type 1 character: Enter one character on	Pass

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	communication client 1. 6. Check Using the test equipment, check that the time between when the character was entered on communication client 1 and when the character was transmitted from the communication client 1 device to the network is not more than 500 msec. OPTION 2 – Indirect Test when Method 1 is not easily carried out 1. Initiation: A communication session is established from communication client 1 to communication clients 2 (for emergency communication the PSAP is considered as communication client 2 in this test). 2. 10 seconds typing: Text is entered on Communication client 1 in a steady humanlike flow for 10 seconds without any return or send key. 3. Check if while the text is entered on communication client 1 each character appears on communication client 2 within 1 second of when it was entered on communication client 1. NOTE: One method for doing this would be by recording a side-by-side video of communication clients 1 and 2 adjacent to a clock with 1/10ths second display to analyze the time difference between characters appearing on the communication clients.	
6.2.5 Erasure of previous character in RTT	1.Initiation: A communication session is established from communication client 1 to communication client 2(for emergency communication the PSAP is considered as communication client 2 in this test). 2.C1 Activates RTT: Communication client 1 turns on RTT if not on by default. 3.10 numbers sent – 5 deleted: The characters 0 through 7 are entered on Communication client 2. Then the enter key is typed, then the characters 8 & 9 key are typed, then the delete key is pressed 6 times (the return is counted as one character). 4.Check that the 10 characters appear on communication client 1 (8 in one message and 2 in a second message and then all disappear except for 01234. 5.10 numbers back – 5 deleted: The characters 0 through 7 are entered on Communication client 2. Then the enter key is typed, then the characters 8 & 9 key are typed, then the delete key is pressed 6 times (the return is counted as one character). 6.(if multiparty – Communication client 3 does the	Pass

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	same simultaneously) 7.Check that the 10 characters appear on communication client 1 (8 in one message and 2 in a second message and then all disappear except for 01234. 8.Delete all sent - Press the delete key on Communication client 1 a sufficient number of times to delete not only the 5 numerals in the last sequence, but also all of the characters entered in the original 10 seconds of typing. 9.Check that all characters entered from communication client 1 are deleted including both the latter numerals and all of the text from the original 10 seconds of typing. The screen on communication client 2 should be clear of all text entered on communication client 1. 10.All Received deleted - Press the delete key on Communication client 2 a sufficient number of times to delete all of the text entered on communication client 2 up to this point. 11.Check that all of the text from communication client 2 is now missing from communication client 1.	
6.2.6 Processing rate	1.90 CPS test: connect Communication client 1 with three communication clients (possibly including test software operating the user interface of the terminal) through a bridge in a three-party communication (for emergency communication the PSAP is considered as communication client 2 in this test) 2.Send text simultaneously – have each of the 3 software communication clients send a sustained 30 CPS stream of text to Communication client 1 at the same time for ten seconds. NOTE: This can be done by test software applied to a communication client, or possibly, but less reliably, by copy-paste of 300 characters of test text. 3.Check that the text is received and displayed as sent.	Not applicable 2)
6.2.7 Character representation	1.Initiation: A communication session is established from communication client 1 to communication client 2(for emergency communication the PSAP is considered as communication client 2 in this test). 2.Character test: a block of test text is sent that includes 50 different characters from the Latin-1 part of the ISO/IEC 10646 that represent the variety of characters in the set including those	Pass

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	with diacritical marks: A similar sample representing the writing direction(s) and the characters for the languages of the regions in which the ICT is intended to be used and 15 emojis characters supported by the underlying platform of the receiving Communication client(s) and 5 instances of a character that is not a recognized character such as HEX:2140. NOTE: if receiving communication client does not support emojis, then any emojis can be sent and the “replacement character” should show in their place on the receiving communication client 3.Check: that the received and displayed text matches the sent text except that the last 5 characters should be 5 instances of the ISO10646 “replacement character” (Code HEX: FFFD. 4.Disconnect 5.Initiation: A communication session is established from communication client 2 to communication client 1 6. Character test: a block of test text is sent that includes 50 different characters from the Latin-1 part of the ISO/IEC 10646 that represent the variety of characters in the set including those with diacritical marks: A similar sample representing the writing direction(s) and the characters for the languages of the regions in which the ICT is intended to be used and 15 emojis characters supported by the underlying platform of the receiving Communication client(s) and 5 instances of a character that is not a recognized character such as HEX:2140. NOTE: if receiving communication client does not support emojis, then any emojis can be sent and the “replacement character” should show in their place on the receiving communication client. 7.Check that the received and displayed text matches the sent text except that the last 5 characters should be 5 instances of the ISO10646 “replacement character” (Code HEX: FFFD.	
6.2.8 RTT Input Methods	1.Initiation: A communication session is established from communication client 1 to communication client 2(for emergency communication the PSAP is considered as communication client 2 in this test). 2.Try all input options: Each option for generating text available on the device is tried (e.g. physical	Pass

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	or on-screen keyboard, speech, alternate keyboards, keyboards attached via connector, WIFI, Bluetooth, etc.) 3.Check that each mode of character input results in text being entered into the RTT function and sent to the other terminal device.	
6.2.9 RTT activation	1.Initiation: A communication session is established from communication client 1 to communication client 2 (and a communication client 3 if multiparty voice communication is supported) (for emergency communication the PSAP is considered as communication client 2 in this test). 2.Speech from Communication client 2: Speech is sent from Communication client 2 (and 3 if multiparty supported). 3.C1 Activates RTT: Communication client 1 turns on RTT if not on by default. 4.10 seconds typing out: Text is entered on Communication client 1 in a steady human-like flow continuously for 10 seconds without any return or send key, while the communicator is also speaking the text aloud. (If multiparty then communication client 3 should speak instead.) 5.Check if while the text is entered on communication client 1 each character appears on communication client 2 within 1 second of when it was entered on communication client 1. 6.New Outgoing Communication: Communication is terminated and Communication client 1 initiates a communication session with Communication client 2 again. (for emergency communication the PSAP is considered as communication client 2 in this test) 7.C1 talks: Speech is sent from T1. 8.C2 Activates RTT: Communication client 2 turns on RTT. 9.10 seconds typing in: Text is entered on Communication client 2 in a normal fashion. 10.Check that text is appearing on Communication client 1. 11.New incoming Communication: Communication is terminated and Communication client 2 initiates a communication session with Communication client 1. 12.C2 talks: Speech is sent from T2. 13.C1 Activates RTT: Communication client 1 turns on RTT.	Pass

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	14.10 seconds typing in: Text is entered on Communication client 2 in a normal fashion. 15.Check that text is appearing on Communication client 1. 16.New incoming Communication: Communication is terminated and Communication client 2 initiates a communications session with Communication client 1. 17.C1 talks: Speech is sent from T1. 18.C2 Activates RTT: Communication client 2 turns on RTT. 19.10 seconds typing in: Text is entered on Communication client 2 in a normal fashion. 20.Check that text is appearing on Communication client 1.	
6.2.10 RTT interoperability	1. Check that the set of specifications documented for the ICT under test to be used for RTT interoperability in the scenario used for testing matches the set of specifications to be used for RTT interoperability documented for the other ICT used in the scenario for testing. 2. Check that the set of specifications documented for the ICT under test to be used for RTT interoperability is ITU-T Recommendation T.140 [i.38] for functions including coding and presentation and RFC 4103 [i.13] updated by RFC 9071 [i.54] for other aspects of RTT communication.	Pass
Clause 6.3 Caller ID		
6.3 Caller ID	1. Check that the information delivered by each function is available in text form. 2. Check that the information delivered by each function is programmatically determinable.	Pass
Clause 6.4 Alternatives to voice-based services		
6.4 Alternatives to voice-based services	1. Check that the ICT offers users a means to access the information without the use of hearing or speech. 2. Check that a user can carry out the tasks provided by the system without the use of hearing or speech.	Pass
Clause 6.5 Video communication		
6.5.2 Resolution	1. Check that the video communication resolution is QVGA resolution or better.	Pass
6.5.3 Frame rate	1. Check that the video communication frame rate is equal to or higher than 20 frames per second.	Pass
6.5.4 Synchronization between audio and video	1. Check that audio is presented within 100 ms before video and 100 ms after video.	Pass

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6.5.5 Visual indicator of audio with video	1. ICT under test is connected to another ICT providing continuous bidirectional voice communication that is compatible with the voice communication on the ICT under test. 2. A person speaks into the other ICT. 3. Check by observation whether there is a real-time visual indicator of audio activity.	Pass
6.5.6 Speaker identification with video (sign language) communication	1. The ICT under test is connected to a compatible ICT that supports video and a person communicates in sign language. 2. Check by observation whether the ICT under test provides a means for speaker identification for the sign language users once the start of signing has been indicated.	Pass
Clause 6.7 Total conversation provision		
6.7 Total conversation provision	1. Check that the result of all checks in C.6.1, C.6.2 and C.6.5 did pass.	Pass
[1]: The highest detectable frequency exceeds 7kHz. [2]: The device does not support three-party communication.		

6.3 ICT with video capabilities

Applies to EN 301 549 Criteria		
Test Item	**Procedure**	**Result**
Clause 7.1 Subtitle processing technology		
7.1.1 Subtitle playback	1. Check that there is a mode of operation that allows the available subtitles to be displayed. 1. Or check that there is a mechanism that provides an ability to choose to display the subtitles.	Pass
7.1.2 Subtitling synchronization	1. Check that the mechanism to display the subtitles preserves the synchronization between the audio and corresponding subtitles within a tenth of a second of the time stamp of the subtitle, or the availability of the subtitle to the player if a live subtitle.	Pass
7.1.3 Preservation of subtitling	1. Check that the ICT preserves subtitle data such that it can be displayed in a manner consistent with clauses 7.1.1 and 7.1.2.	Pass
7.1.4 Subtitles characteristics	1. Check that the ICT provides a way for the user to adapt the displayed characteristics of subtitles to their individual requirements.	Pass
7.1.5 Spoken interlingual subtitles	1. Check that there is a mode of operation to provide a spoken output of the available interlingual subtitles.	Pass
Clause 7.2 Audio description technology		
7.2.1 Audio description playback	1. Check that there is an explicit and separate mechanism for audio description.	Pass

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	2. Check that there is a mechanism to select and play the audio description to the default audio channel. 3. Check that the ICT enables the user to select and play several audio tracks.	
7.2.2 Audio description synchronization	1. Check that the synchronization between the audio/visual content and the corresponding audio description is preserved.	Pass
7.2.3 Preservation of audio description	1. Check that the ICT preserves audio description data such that it can be played in a manner consistent with clauses 7.2.1 and 7.2.2.	Pass
Clause 7.3 User controls for captions and audio description		
7.3 User controls for captions and audio description	1. Check that there is at least one shortcut method to activate and deactivate the presentation of those subtitles and audio description that meets the requirements of the present document.	Pass

6.4 Hardware

Applies to EN 301 549 Criteria			
Test Item		**Procedure**	**Result**
Clause 8.1 General			
8.1.2 Standard connections		1. Check that one type of connection conforms to an industry standard non-proprietary format. 2. Check that one type of connection conforms to an industry standard non-proprietary format through the use of commercially available adapters.	Pass
8.1.3 Colour		1. Check that an alternative form of visual coding is provided.	Pass
Clause 8.4 Operable parts			
8.4.1 Numeric keys		1. Check that the number five key is tactilely distinct from the other keys of the keypad.	Not applicable
8.4.2 Operation of operable parts	8.4.2.2 Force of operation of operable parts	1. Check that an accessible alternative means of operation is provided that requires a force less than or equal to 22,2 N.	Not applicable

6.5 Software

Applies to EN 301 549 Criteria			
Test Item		**Procedure**	**Result**
Clause 11.1 Perceivable			
11.1.1 Text alternatives	11.1.1.1 Non-text content	1. Check that the functionality that is not closed does not fail WCAG 2.2 Success Criterion 1.1.1 Non-text Content.	Pass
11.1.2 Time-	11.1.2.1 Audio-only and video-only (pre-	1. Check that functionality that is not closed does not fail WCAG 2.2 Success Criterion 1.2.1 Audio-	Pass

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based media	recorded)	only and Video-only (Prerecorded).	
	11.1.2.2 Captions (pre-recorded)	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.2.2 Captions (Prerecorded).	Pass
	11.1.2.3 Audio description or media alternative (pre-recorded)	1. Check that functionality that is not closed does not fail WCAG 2.2 Success Criterion 1.2.3 Audio Description or Media Alternative (Prerecorded).	Pass
	11.1.2.4 Captions (live)	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.2.4 Captions (Live).	Not applicable
	11.1.2.5 Audio description (pre-recorded)	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.2.5 Audio Description (Prerecorded).	Pass
11.1.3 Adaptable	11.1.3.1 Info and relationships	1. Check that the functionality that is not closed does not fail WCAG 2.2 Success Criterion 1.3.1 Info and Relationships.	Pass
	11.1.3.2 Meaningful sequence	1. Check that functionality that is not closed does not fail WCAG 2.2 Success Criterion 1.3.2 Meaningful Sequence.	Pass
	11.1.3.3 Sensory characteristics	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.3.3 Sensory Characteristics.	Pass
	11.1.3.4 Orientation	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.3.4 Orientation.	Pass[1)]
	11.1.3.5 Identify input purpose	1. Check that the functionality that is not closed does not fail WCAG 2.2 Success Criterion 1.3.5 Identify Input Purpose.	Pass
11.1.4 Distinguishable	11.1.4.1 Use of colour	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.4.1 Use of Colour.	Pass
	11.1.4.2 Audio control	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.4.2 Audio Control.	Pass
	11.1.4.3 Contrast (minimum)	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.4.3 Contrast (Minimum).	Pass[2)]
	11.1.4.4 Resize text	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.4.4 Resize text.	Pass
	11.1.4.5 Images of text	1. Check that the functionality that is not closed does not fail WCAG 2.2 Success Criterion 1.4.5 Images of Text.	Pass
	11.1.4.10 Reflow	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.4.10 Reflow.	Pass
	11.1.4.11 Non-text contrast	1. Check that the software does not fail the Success Criterion WCAG 2.2 Success Criterion 1.4.11 Non-text Contrast.	Pass[2)]
	11.1.4.12 Text spacing	1. Check that the software does not fail the Success Criterion WCAG 2.2 Success Criterion 1.4.12 Text spacing.	Not applicable
	11.1.4.13 Content on hover or focus	1. Check that the software does not fail WCAG 2.2 Success Criterion 1.4.13 Content on hover or focus.	Pass

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Clause 11.2 Operable			
11.2.1 Keyboard accessible	11.2.1.1 Keyboard	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.1.1 Keyboard.	Pass
	11.2.1.2 No keyboard trap	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.1.2 No Keyboard Trap.	Pass
	11.2.1.4 Character key shortcuts	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.1.4 Character Key Shortcuts.	Not applicable
11.2.2 Enough time	11.2.2.1 Timing adjustable	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.2.1 Timing Adjustable.	Pass
	11.2.2.2 Pause, stop, hide	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.2.2 Pause, Stop, Hide.	Pass
11.2.3 Seizures and physical reactions	11.2.3.1 Three flashes or below threshold	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.3.1 Three Flashes or Below Threshold.	Pass
11.2.4 Navigable	11.2.4.3 Focus order	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.4.3 Focus Order.	Pass
	11.2.4.4 Link purpose (in context)	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.4.4 Link Purpose (In Context).	Pass
	11.2.4.6 Headings and labels	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.4.6 Headings and Labels.	Pass
	11.2.4.7 Focus visible	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.4.7 Focus Visible.	Pass
	11.2.4.11 Focus not obscured (minimum)	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.4.11 Focus not obscured (minimum).	Pass
11.2.5 Input modalities	11.2.5.1 Pointer gestures	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.5.1 Pointer Gestures.	Pass
	11.2.5.2 Pointer cancellation	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.5.2 Pointer Cancellation.	Pass
	11.2.5.3 Label in name	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.5.3 Label in Name.	Pass
	11.2.5.4 Motion actuation	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.5.4 Motion Actuation.	Pass
	11.2.5.7 Dragging movements	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.5.7 Dragging movements.	Pass
	11.2.5.8 Target size (minimum)	1. Check that the software does not fail WCAG 2.2 Success Criterion 2.5.8 Target size (minimum).	Pass
Clause 11.3 Understandable			
11.3.1 Readable	11.3.1.1 Language of software	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.1.1 Language of software.	Pass
11.3.2 Predictable	11.3.2.1 On focus	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.2.1 On Focus.	Pass
	11.3.2.2 On input	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.2.2 On Input.	Pass
	11.3.2.4 Consistent	1. Check that components that have the same	Pass

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	identification	functionality within the non-web software are identified consistently. 2. Where inconsistent identification of components is detected, check that this is because the inconsistency is essential to the function of the software.	
11.3.3 Input assistance	11.3.3.1 Error identification	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.3.1 Error Identification.	Pass
	11.3.3.2 Labels or instructions	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.3.2 Labels or Instructions.	Pass
	11.3.3.3 Error suggestion	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.3.3 Error Suggestion.	Pass
	11.3.3.4 Error prevention (legal, financial, data)	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.3.4 Error Prevention (Legal, Financial, Data).	Pass
	11.3.3.7 Redundant entry	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.3.7 Redundant Entry.	Pass
	11.3.3.8 Accessible authentication (minimum)	1. Check that the software does not fail WCAG 2.2 Success Criterion 3.3.8 Accessible Authentication (Minimum).	Pass
Clause 11.4 Robust			
11.4.1 Compatible	11.4.1.2 Name, role, value	1. Check that the software does not fail WCAG 2.2 Success Criterion 4.1.2 Name, Role, Value.	Pass
	11.4.1.3 Status messages	1. Check that the software does not fail WCAG 2.2 Success Criterion 4.1.3 Status messages.	Pass
Clause 11.5 Interoperability with assistive technology			
11.5.1 Closed functionality		1. Check that the closed functionality conforms to clause 5.1.	Pass
11.5.2 Accessibility services	11.5.2.1 Platform interoperability with assistive technologies	1. Check that the platform provides a set of documented platform accessibility. 2. For each user interface concept corresponding to the clauses 11.5.2.5 to 11.5.2.17 supported within the platform software. 2.1 Check that the platform software documentation includes information about platform services that enable assistive technology to interoperate with software running on the platform.	Pass
	11.5.2.3 Use of accessibility services (recommendation)	Clause 11.5.2.3 is informative only and contains no testable requirements.	Pass
	11.5.2.4 Assistive technology	1. Check that the assistive technology uses the documented platform accessibility services.	Pass
	11.5.2.5 Object information	Using an appropriate accessibility inspection tool for platforms: 1. Check that the user interface element's role is programmatically determinable. 2. Check that the user interface element's state(s) is programmatically determinable.	Pass

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		3. Check that the user interface element's boundary is programmatically. 4. Check that the user interface element's name is programmatically determinable. 5. Check that the user interface element's description is programmatically determinable.	
	11.5.2.6 Row, column, and headers	Using an appropriate accessibility inspection tool for platforms: 1. Select a data table in which the tests are to be performed. 2. Check that each cell's row is programmatically determinable by the tool. 3. Check that each cell's column is programmatically determinable by the tool. 4. Check that each cell's row header, if the row header exists, is programmatically determinable by the tool. 5. Check that each cell's column header, if the column header exists, is programmatically determinable by the tool.	Pass
	11.5.2.7 Values	Using an appropriate accessibility inspection tool for platforms: 1. Select a user interface element that can have a value. 2. Check that the current value is programmatically determinable by the tool. 3. If the user interface element conveys information about a range of values, check that the minimum value is programmatically determinable by the tool. 4. If the user interface element conveys information about a range of values, check that the maximum value is programmatically determinable by the tool.	Pass
	11.5.2.8 Label relationships	Using an appropriate accessibility inspection tool for platforms: 1. Obtain the information of each user interface element. 2. Check that the user interface element's information includes the relationship with the user interface element that is its label, if the current user interface element has a label, and that this relationship is programmatically determinable by the tool. 3. Check that the user interface element's information includes the relationship with the user interface element that it is labelling, if the current user interface element is a label, and that this relationship is programmatically determinable by the tool.	Pass
	11.5.2.9 Parent-child relationships	Using an appropriate accessibility inspection tool for platforms:	Pass

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		1. For user interface elements that have a parent, check that the user interface element's information includes the relationship with the user interface element that is its parent. 2. Check that the user interface elements that are parents of the user interface element selected in check 1, include the relationship with the user interface elements that are its children in their information, and that this relationship is programmatically determinable by the tool. 3. For user interface elements that are a parent of other user interface elements, check that the user interface element's information includes the relationship with the user interface elements that are its children, and that this relationship is programmatically determinable by the tool. 4. Check that the user interface elements that are a child of the user interface element selected in check 3, include the relationship with the user interface elements that are its parents in their information, and that this relationship is programmatically determinable by the tool.	
	11.5.2.10 Text	Using an appropriate accessibility inspection tool for platforms: 1. For instances of text rendered to the screen, check that the text's information includes its text content, and that this information is programmatically determinable by the tool. 2. For instances of text rendered to the screen, check that the text's information includes its attributes, and that this information is programmatically determinable by the tool. 3. For instances of text rendered to the screen, check that the text's information includes its boundary, and that this information is programmatically determinable by the tool.	Pass
	11.5.2.11 List of available actions	Using an appropriate accessibility inspection tool for platforms: 1. For all user interface elements that have executable actions. 1.1 Check that the list of actions of the user interface element is programmatically determinable by the tool.	Pass
	11.5.2.12 Execution of available actions	Using an appropriate accessibility inspection tool for platforms: 1. Check that the user interface element's information includes the list of actions that can be executed by assistive technologies according to 11.5.2.11. 2. Check that all the actions in the list can successfully be executed by the tool.	Pass
	11.5.2.13 Tracking of	Using an appropriate accessibility inspection tool	Pass

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	focus and selection attributes	for platforms: 1. Check that the user interface element's information includes mechanisms to track focus, text insertion point and selection attributes. 2. Check that this information is programmatically determinable by the tool. 3. Activate those tracking mechanisms using the tool. 4. As a user, use the text editing functionality in the evaluated software product. 5. Check that the tracking of focus, text insertion point and selection attributes work.	
	11.5.2.14 Modification of focus and selection attributes	Using an appropriate accessibility inspection tool for platforms: 1. For user interface elements that can receive focus and where the focus can be modified by a user without the use of assistive technology, check that the focus can be programmatically modified by the tool. 2. For user interface elements that enable text editing by a user without the use of assistive technology, check that the position of the text insertion point can be programmatically modified by the tool. 3. For user interface elements that enable text editing, check that the selection attributes can be programmatically modified by the tool where they can be modified by user without the use of assistive technology.	Pass
	11.5.2.15 Change notification	Using an appropriate accessibility inspection tool for platforms: 1. Activate notifications of changes in the user interface elements. 2. Check that notifications about changes in object information (role, state, boundary, name and description) are sent to the tool, if this information changes in the software user interface. 3. Check that notifications about changes in row, column and headers of data tables are sent to the tool, if this information changes in the software. 4. Check that notifications about changes in values (current value, minimum value and maximum value) are sent to the tool, if this information changes in the software. 5. Check that notifications about changes in label relationships are sent to the tool, if this information changes in the software. 6. Check that notifications about changes in parent-child relationships are sent to the tool, if this information changes in the software. 7. Check notifications about changes in text (text contents, text attributes and the boundary of text	Pass

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		rendered to the screen) are sent to the tool, if this information changes in the software. 8. Check that notifications about changes in the list of available actions are sent to the tool, if this information changes in the software. 9. Check that notifications about changes in focus, text insertion point and selection attributes are sent to the tool, if this information changes in the software.	
	11.5.2.16 Modifications of states and properties	Using an appropriate accessibility inspection tool for platforms: 1. Check that the state of user interface elements, whose state can be modified by a user without the use of assistive technology, can be programmatically modified using the tool. 2. Check the properties of user interface elements, whose properties can be modified by a user without the use of assistive technologies, can be programmatically modified using the tool.	Pass
	11.5.2.17 Modifications of values and text	Using an appropriate accessibility inspection tool for platforms: 1. Check that the values of user interface elements, whose values can be modified by a user without the use of assistive technology, can be modified by the tool using the input methods of the platform. 2. Check that the text of user interface elements, whose text can be modified by a user without the use of assistive technology, can be modified by the tool using the input methods of the platform.	Pass
Clause 11.6 Documented accessibility usage			
11.6.1 User control of accessibility features		1. Check that sufficient modes of operation exist where user control over platform features, that are defined in the platform documentation as accessibility features intended for users, is possible.	Pass
11.6.2 No disruption of accessibility features		1. Check if software that provides a user interface disrupts normal operation of platform accessibility features. 2. Check if the disruption was specifically requested or confirmed by the user.	Pass
Clause 11.7 User preferences			
11.7 User preferences		1. Check that the software provides a mode of operation that follows the platform settings.	Pass
[1] According to the technical documentation, some apps may not rotate to all orientations, as a specific display orientation is essential. [2] High contrast is enabled by default during Setup Wizard, and testing is conducted based on this condition.			
Note: The “Pass” results marked in this Clause are only applicable to the testing of the Applications (APPs) that are related to the corresponding regulations.			

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7 Test Setup Photo

7.1 Test setup photo of Speaker volume

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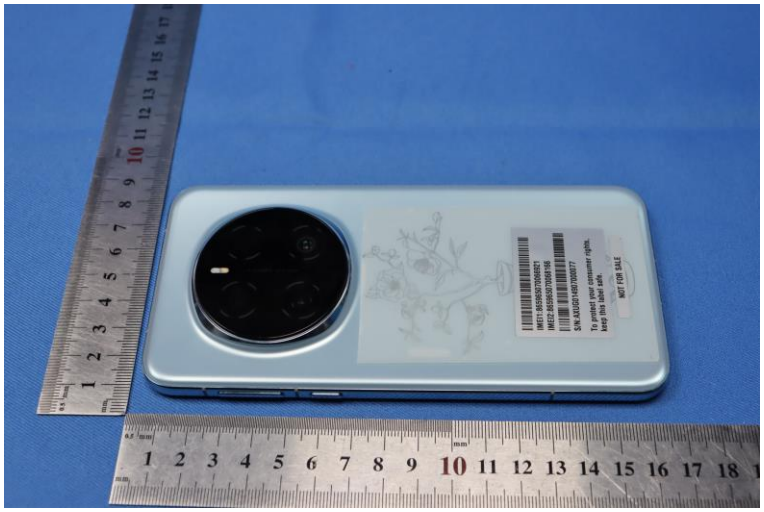
8 EUT Constructional Details (EUT Photos)



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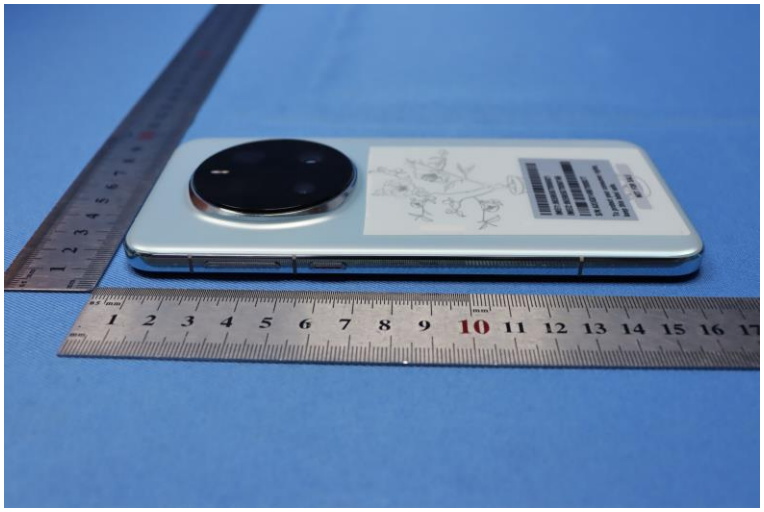

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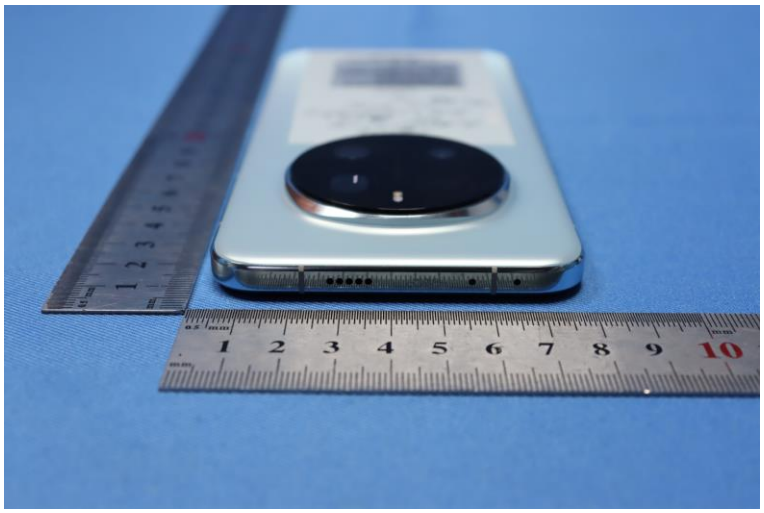

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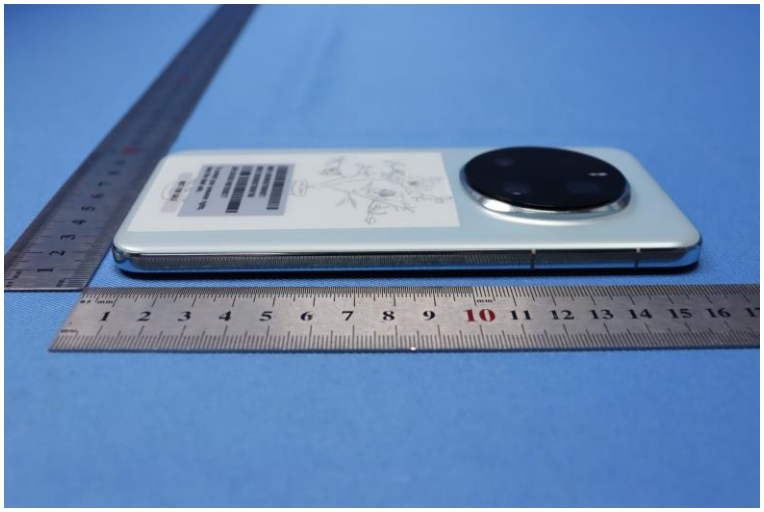

- End of the Report -

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