N° 1-6736
Scope available
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CERTIFICATE #3478.01

TEST REPORT

EUT Description	**Convertible PC**
Brand Name	**HP**
Model Name	**HSN-I61C**
FCC ID	**PD9BE201NG**
ISED ID	**1000M-BE201NG**
Date of Test Start/End	**2024-09-27 / 2024-10-10**
Features	**IEEE 802.11a/b/g/n/ac/ax/be** (see section 5)

Applicant	**Intel Corporation SAS**
Address	**425 Rue de Goa – Le Cargo B6 – 06600 Antibes, FRANCE**
Contact Person	**Benjamin Lavenant**
Email	**Benjamin.lavenant@intel.com**

Reference Standards	**FCC 47 CFR Part §2.1093** **RSS 102, issue 6** (see section 1)

Test Report identification	**240813-01.TR07**
Revision Control	**Rev. 00** **This test report revision replaces any previous test report revision** (see section 8)

The test results relate only to the samples tested.
Reference to accreditation shall be used only by full reproduction of test report

Reviewed by

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Table of Contents

1. Standards, reference documents and applicable test methods

FCC	1. FCC Title 47 CFR Part §2.1093 – Radiofrequency radiation exposure evaluation: portable devices. 2022-10-01 Edition 2. KDB 388624 D02 Pre-Approval Guidance List v18, PRE-APPROVAL GUIDANCE LIST 3. FCC Presentations TCB Workshop November 2019, RF exposure procedures.
ISED	1. RSS 102 Issue 6 - Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)

2. General conditions, competences and guarantees

- ✓ Tests performed under FCC standards identified in section 1 are covered by A2LA accreditation.
- ✓ Tests performed under ISED standards identified in section 1 are covered by Cofrac accreditation.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2017 laboratory accredited by the American Association for Laboratory Accreditation (A2LA) with the certificate number 3478.01.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an Accredited Test Firm recognized by the FCC, with Designation Number FR0011.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2017 testing laboratory accredited by the French Committee for Accreditation (Cofrac) with the certificate number 1-6736.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is a Registered Test Site listed by ISED, with ISED company number 1000Y and CAB identifier FR0005.
- ✓ Intel WRF Lab only provides testing services and is committed to providing reliable, unbiased test results and interpretations.
- ✓ Intel WRF Lab is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.
- ✓ Intel WRF Lab has developed calibration and proficiency programs for its measurement equipment to ensure correlated and reliable results to its customers.
- ✓ This report is only referred to the item that has undergone the test.
- ✓ This report does not imply an approval of the product by the Certification Bodies or competent Authorities.

3. Environmental Conditions

- ✓ At the site where the measurements were performed the following limits were not exceeded during the tests:

Temperature	23.2ºC ± 1ºC
Humidity	38.9% ± 5%

4. Test Sample

Sample	ID #	Description	Model	Serial #	Note
#1	240813-01.S06	convertible PC	HSN-I61C	0004770B4J	DUT#6 (Device mode)

5. EUT Features

The herein information is provided by the customer.

Intel WRF Lab declines any responsibility for the accuracy of the stated customer provided information, especially if it has any impact on the correctness of test results presented in this report.

Brand Name	HP
Model Name	HSN-I61C
Software Version	ANT 0.1832.23.60.0
Driver Version	23.60.5.14
Prototype / Production	Pre - Production
Host Identification	HSN-I61C
Supported Radios	802.11b/g/n/ax/be 2.4GHz (2400.0 – 2483.5 MHz) 802.11a/n/ac/ax/be 5.2GHz (5150.0 – 5250.0 MHz) 5.3GHz (5250.0 – 5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5895.0 MHz) 802.11ax/be 6.0GHz (5925.0 – 7125.0 MHz) Bluetooth 2.4GHz (2400.0 – 2483.5 MHz)

6. Remarks and comments

1. The test report is a validation of the G sensor functionality

7. Test Results summary

The statement of conformity to applicable standards in the table below are based on the measured values, without considering the measurement uncertainties.

7.1. WLAN Tx Power Table Summary

Device Mode	Lid Angle range	LCD Direction	2.4GHz-CH6 802.11b - 1Mbps				5GHz-CH120 802.11a - 6Mbps			
			Target Power (dBm)		Measured Power (dBm)		Target Power (dBm)		Measured Power (dBm)	
			Ant AUX (1)	Ant MAIN (2)	Ant AUX (1)	Ant MAIN (2)	Ant AUX (1)	Ant MAIN (2)	Ant AUX (1)	Ant MAIN (2)
Lid Close	0° ≤ φ < 30°	-	standby	standby	standby	standby	standby	standby	standby	standby
Laptop	30° ≤ φ < 130°	0°	22.25	18.50	20.4	17.5	20.50	20.50	19.6	19.5
Tablet	130°≤ φ < 200° 200°≤ φ < 340° 340°≤ φ ≤ 360°	90°, 270°	14.00	17.50	13.2	16.1	13.00	14.00	12.1	12.7
Tent	200°≤ φ ≤ 340°	180°	14.00	17.50	13.2	16.1	13.00	14.00	12.1	12.7
Stand	200°≤ φ < 340°	0°	22.25	18.50	20.4	17.5	20.50	20.50	19.6	19.5

8. Document Revision History

Revision #	Modified by	Revision Details
Rev.00	Cheiel In	First Issue

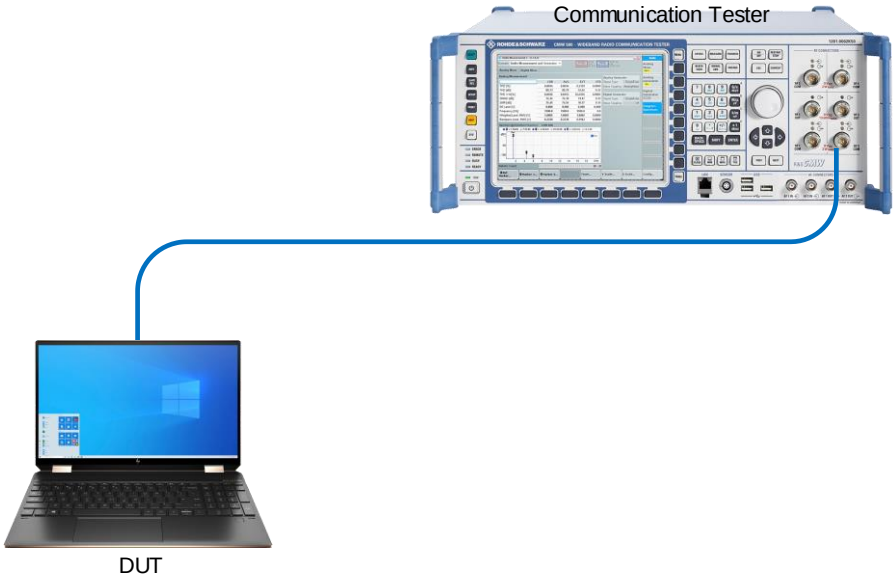
Annex A. Test & System description

A.1 Test setup

The conducted power measurement test setup is described in the following and illustrated in Figure 1.

- The DUT is convertible PC from *HP* model *HSN-I61C.* A BE201NGW connectivity module is installed inside
- Uplink signal power is measured with the access point.
- Path loss in the power measurement setup from the wireless module antenna port to the access point is compensated
- ANT tool version 0.1739.23.50 is used on the DUT to query the power table index and sensor status

Figure.1 – Power measurement test setup.



A.2 Procedure

The following additional guidance applies only to convertible laptops whose screen rotates around one axis, from 0 degrees to 360 degrees, in a clamshell style, i.e., from closed mode to open mode, to “tent” mode, and finally, to tablet mode. This process must be followed to determine the lid angle where a power reduction occurs, by taking power measurements at each step, as indicated in the step listed here below:

1. From the lid in closed mode (0 degrees), open the screen in 10-degree steps until laptop mode is obtained
2. Lower the screen by 5 degrees increments to verify that the “closed mode” is triggered
3. From the position of the previous step, open the screen in 1-degree increments until laptop mode is triggered again
4. Continue opening the screen in 1-degree increments until at least 5 degrees past where “laptop mode” was obtained, then continue opening the screen in 10-degree steps until the device switches to tablet mode
5. Reverse the previous procedure to go from tablet mode back down to closed mode

A.3 Test Equipment List

Equipment and accessories used for the conducted power measurement test setup are listed below. The Test Platform (DUT), test setup and associated equipment are shown in A.1.3.

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
125-000	Communication Tester	CMW500	129337	Rohde & Schwartz	2023-04-20	2025-04-20
022-003 022-004	RF path (RF cable + Adapters)	-	-	-	RF path loss was verified before usage	

A.4 Measurement Uncertainty Evaluation

The system uncertainty evaluation is shown in the table below with a coverage factor of k = 2 to indicate a 95% level of confidence:

Measurement type	Uncertainty	Unit
Power level	±1	dB

Annex B. Test Results

The herein test results were performed by:

Test case measurement	Test Personnel
G sensor functionality	Cheiel In

B.1 Trigger lid angle detection and power verification 2.4GHz

B.1.1 LCD direction 0°

The lid is rotating from 0° to 360°. The screen is horizontal, LCD direction is 0°

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
Lid close	0	standby	standby
Lid close	10	standby	standby
Lid close	20	standby	standby
Laptop	30	20.4	17.5
Lid close	25	standby	standby
Lid close	26	standby	standby
Lid close	27	standby	standby
Lid close	28	standby	standby
Lid close	29	standby	standby
Laptop	30	20.4	17.5
Laptop	31	20.4	17.5
Laptop	32	20.4	17.5
Laptop	33	20.4	17.5
Laptop	34	20.4	17.5
Laptop	35	20.4	17.5
Laptop	40	20.4	17.5
Laptop	50	20.4	17.5
Laptop	60	20.4	17.5
Laptop	70	20.4	17.5
Laptop	80	20.4	17.5
Laptop	90	20.4	17.5
Laptop	100	20.4	17.5
Laptop	110	20.4	17.5
Laptop	120	20.4	17.5
Laptop	130	20.4	17.5
Tablet	140	13.2	16.1
Laptop	135	20.4	17.5
Tablet	136	13.2	16.1
Tablet	137	13.2	16.1
Tablet	138	13.2	16.1
Tablet	139	13.2	16.1
Tablet	140	13.2	16.1
Tablet	150	13.2	16.1

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
Tablet	160	13.2	16.1
Tablet	170	13.2	16.1
Tablet	180	13.2	16.1
Tablet	190	13.2	16.1
Tablet	200	13.2	16.1
Stand	210	20.4	17.5
Tablet	205	13.2	16.1
Stand	206	20.4	17.5
Stand	207	20.4	17.5
Stand	208	20.4	17.5
Stand	209	20.4	17.5
Stand	210	20.4	17.5
Stand	220	20.4	17.5
Stand	230	20.4	17.5
Stand	240	20.4	17.5
Stand	250	20.4	17.5
Stand	260	20.4	17.5
Stand	270	20.4	17.5
Stand	280	20.4	17.5
Stand	290	20.4	17.5
Stand	300	20.4	17.5
Stand	310	20.4	17.5
Stand	320	20.4	17.5
Stand	330	20.4	17.5
Stand	340	20.4	17.5
Tablet	350	13.2	16.1
Stand	345	20.4	17.5
Tablet	346	13.2	16.1
Tablet	347	13.2	16.1
Tablet	348	13.2	16.1
Tablet	349	13.2	16.1
Tablet	350	13.2	16.1
Tablet	351	13.2	16.1
Tablet	360	13.2	16.1

The lid is rotating from 360° to 0°. The screen is horizontal, LCD direction to 0°.

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
Tablet	360	13.2	16.1
Tablet	350	13.2	16.1
Tablet	340	13.2	16.1
Stand	330	20.4	17.5
Tablet	335	13.2	16.1
Stand	334	20.4	17.5
Stand	333	20.4	17.5
Stand	332	20.4	17.5
Stand	331	20.4	17.5
Stand	330	20.4	17.5
Stand	329	20.4	17.5
Stand	320	20.4	17.5
Stand	310	20.4	17.5
Stand	300	20.4	17.5
Stand	290	20.4	17.5
Stand	280	20.4	17.5
Stand	270	20.4	17.5
Stand	260	20.4	17.5
Stand	250	20.4	17.5
Stand	240	20.4	17.5
Stand	230	20.4	17.5
Stand	220	20.4	17.5
Stand	210	20.4	17.5
Stand	200	20.4	17.5
Tablet	190	13.2	16.1
Stand	195	20.4	17.5
Tablet	194	13.2	16.1
Tablet	193	13.2	16.1
Tablet	192	13.2	16.1
Tablet	191	13.2	16.1
Tablet	190	13.2	16.1

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
Tablet	180	13.2	16.1
Tablet	170	13.2	16.1
Tablet	160	13.2	16.1
Tablet	150	13.2	16.1
Tablet	140	13.2	16.1
Tablet	130	13.2	16.1
Laptop	120	20.4	17.5
Tablet	125	13.2	16.1
Laptop	124	20.4	17.5
Laptop	123	20.4	17.5
Laptop	122	20.4	17.5
Laptop	121	20.4	17.5
Laptop	120	20.4	17.5
Laptop	110	20.4	17.5
Laptop	100	20.4	17.5
Laptop	90	20.4	17.5
Laptop	80	20.4	17.5
Laptop	70	20.4	17.5
Laptop	60	20.4	17.5
Laptop	50	20.4	17.5
Laptop	40	20.4	17.5
Laptop	30	20.4	17.5
Lid close	20	standby	standby
Laptop	25	20.4	17.5
Lid close	24	standby	standby
Lid close	23	standby	standby
Lid close	22	standby	standby
Lid close	21	standby	standby
Lid close	20	standby	standby
Lid close	10	standby	standby
Lid close	0	standby	standby

B.1.2 LCD direction 90°, 270°

The lid is rotating from 0° to 360°. The screen is vertical, LCD direction to 90°or 270°.

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Channel 6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Channel 6 Main (2) Ant.
Lid close	0	standby	standby
Lid close	10	standby	standby
Lid close	20	standby	standby
Book	30	13.2	16.1
Lid close	25	standby	standby
Lid close	26	standby	standby
Lid close	27	standby	standby
Lid close	28	standby	standby
Lid close	29	standby	standby
Book	30	13.2	16.1
Book	31	13.2	16.1
Book	32	13.2	16.1
Book	33	13.2	16.1
Book	34	13.2	16.1
Book	35	13.2	16.1
Book	40	13.2	16.1
Book	50	13.2	16.1
Book	60	13.2	16.1
Book	70	13.2	16.1
Book	80	13.2	16.1
Book	90	13.2	16.1
Book	100	13.2	16.1
Book	110	13.2	16.1
Book	120	13.2	16.1
Book	130	13.2	16.1
Book	140	13.2	16.1
Book	150	13.2	16.1
Book	160	13.2	16.1
Book	170	13.2	16.1
Book	180	13.2	16.1
Book	190	13.2	16.1
Book	200	13.2	16.1
Tablet	210	13.2	16.1
Book	205	13.2	16.1
Tablet	206	13.2	16.1
Tablet	207	13.2	16.1
Tablet	208	13.2	16.1
Tablet	209	13.2	16.1
Tablet	210	13.2	16.1
Tablet	220	13.2	16.1
Tablet	230	13.2	16.1
Tablet	240	13.2	16.1
Tablet	250	13.2	16.1
Tablet	260	13.2	16.1
Tablet	270	13.2	16.1
Tablet	280	13.2	16.1
Tablet	290	13.2	16.1
Tablet	300	13.2	16.1
Tablet	310	13.2	16.1
Tablet	320	13.2	16.1
Tablet	330	13.2	16.1
Tablet	340	13.2	16.1
Tablet	350	13.2	16.1
Tablet	360	13.2	16.1

The lid is rotating from 360° to 0°. The screen is vertical, LCD direction to 90°or 270°.

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Channel 6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Channel 6 Main (2) Ant.
Tablet	360	13.2	16.1
Tablet	350	13.2	16.1
Tablet	340	13.2	16.1
Tablet	330	13.2	16.1
Tablet	320	13.2	16.1
Tablet	310	13.2	16.1
Tablet	300	13.2	16.1
Tablet	290	13.2	16.1
Tablet	280	13.2	16.1
Tablet	270	13.2	16.1
Tablet	260	13.2	16.1
Tablet	250	13.2	16.1
Tablet	240	13.2	16.1
Tablet	230	13.2	16.1
Tablet	220	13.2	16.1
Tablet	210	13.2	16.1
Tablet	200	13.2	16.1
Book	190	13.2	16.1
Tablet	195	13.2	16.1
Book	194	13.2	16.1
Book	193	13.2	16.1
Book	192	13.2	16.1
Book	191	13.2	16.1
Book	190	13.2	16.1
Book	180	13.2	16.1
Book	170	13.2	16.1
Book	160	13.2	16.1
Book	150	13.2	16.1
Book	140	13.2	16.1
Book	130	13.2	16.1
Book	120	13.2	16.1
Book	110	13.2	16.1
Book	100	13.2	16.1
Book	90	13.2	16.1
Book	80	13.2	16.1
Book	70	13.2	16.1
Book	60	13.2	16.1
Book	50	13.2	16.1
Book	40	13.2	16.1
Book	30	13.2	16.1
Lid close	20	standby	standby
Book	25	13.2	16.1
Lid close	24	standby	standby
Lid close	23	standby	standby
Lid close	22	standby	standby
Lid close	21	standby	standby
Lid close	20	standby	standby
Lid close	10	standby	standby
Lid close	0	standby	standby

B.1.3 LCD direction 180°

The lid is rotating from 360 degrees to 180 degrees. The screen is vertical, LCD direction to 180 degrees

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Channel 6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Channel 6 Main (2) Ant.
Tablet	360	13.2	16.1
Tablet	350	13.2	16.1
Tablet	340	13.2	16.1
Tent	330	13.2	16.1
Tablet	335	13.2	16.1
Tent	334	13.2	16.1
Tent	333	13.2	16.1
Tent	332	13.2	16.1
Tent	331	13.2	16.1
Tent	330	13.2	16.1
Tent	320	13.2	16.1
Tent	310	13.2	16.1
Tent	300	13.2	16.1
Tent	290	13.2	16.1
Tent	280	13.2	16.1
Tent	270	13.2	16.1
Tent	260	13.2	16.1
Tent	250	13.2	16.1
Tent	240	13.2	16.1
Tent	230	13.2	16.1
Tent	220	13.2	16.1
Tent	210	13.2	16.1
Tent	200	13.2	16.1
Tablet	190	13.2	16.1
Tent	195	13.2	16.1
Tablet	194	13.2	16.1
Tablet	193	13.2	16.1
Tablet	192	13.2	16.1
Tablet	191	13.2	16.1
Tablet	190	13.2	16.1
Tablet	180	13.2	16.1

The lid is rotating from 180 degrees to 360 degrees. The screen is vertical, LCD direction to 180 degrees.

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Channel 6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Channel 6 Main (2) Ant.
Tablet	180	13.2	16.1
Tablet	190	13.2	16.1
Tent	200	13.2	16.1
Tablet	195	13.2	16.1
Tent	196	13.2	16.1
Tent	197	13.2	16.1
Tent	198	13.2	16.1
Tent	199	13.2	16.1
Tent	200	13.2	16.1
Tent	210	13.2	16.1
Tent	220	13.2	16.1
Tent	230	13.2	16.1
Tent	240	13.2	16.1
Tent	250	13.2	16.1
Tent	260	13.2	16.1
Tent	270	13.2	16.1
Tent	280	13.2	16.1
Tent	290	13.2	16.1
Tent	300	13.2	16.1
Tent	310	13.2	16.1
Tent	320	13.2	16.1
Tent	330	13.2	16.1
Tablet	340	13.2	16.1
Tent	335	13.2	16.1
Tent	336	13.2	16.1
Tent	337	13.2	16.1
Tent	338	13.2	16.1
Tent	339	13.2	16.1
Tablet	340	13.2	16.1
Tablet	350	13.2	16.1
Tablet	360	13.2	16.1

B.2 Trigger lid angle detection and power verification 5GHz

B.2.1 LCD direction 0°

The lid is rotating from 0° to 360°. The screen is horizontal, LCD direction is 0°

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Lid close	0	standby	standby
Lid close	10	standby	standby
Lid close	20	standby	standby
Laptop	30	19.6	19.5
Lid close	25	standby	standby
Lid close	26	standby	standby
Lid close	27	standby	standby
Lid close	28	standby	standby
Lid close	29	standby	standby
Laptop	30	19.6	19.5
Laptop	31	19.6	19.5
Laptop	32	19.6	19.5
Laptop	33	19.6	19.5
Laptop	34	19.6	19.5
Laptop	35	19.6	19.5
Laptop	40	19.6	19.5
Laptop	50	19.6	19.5
Laptop	60	19.6	19.5
Laptop	70	19.6	19.5
Laptop	80	19.6	19.5
Laptop	90	19.6	19.5
Laptop	100	19.6	19.5
Laptop	110	19.6	19.5
Laptop	120	19.6	19.5
Laptop	130	19.6	19.5
Tablet	140	12.1	12.7
Laptop	135	19.6	19.5
Tablet	136	12.1	12.7
Tablet	137	12.1	12.7
Tablet	138	12.1	12.7
Tablet	139	12.1	12.7
Tablet	140	12.1	12.7
Tablet	150	12.1	12.7

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Tablet	160	12.1	12.7
Tablet	170	12.1	12.7
Tablet	180	12.1	12.7
Tablet	190	12.1	12.7
Tablet	200	12.1	12.7
Stand	210	19.6	19.5
Tablet	205	12.1	12.7
Stand	206	19.6	19.5
Stand	207	19.6	19.5
Stand	208	19.6	19.5
Stand	209	19.6	19.5
Stand	210	19.6	19.5
Stand	220	19.6	19.5
Stand	230	19.6	19.5
Stand	240	19.6	19.5
Stand	250	19.6	19.5
Stand	260	19.6	19.5
Stand	270	19.6	19.5
Stand	280	19.6	19.5
Stand	290	19.6	19.5
Stand	300	19.6	19.5
Stand	310	19.6	19.5
Stand	320	19.6	19.5
Stand	330	19.6	19.5
Stand	340	19.6	19.5
Tablet	350	12.1	12.7
Stand	345	19.6	19.5
Tablet	346	12.1	12.7
Tablet	347	12.1	12.7
Tablet	348	12.1	12.7
Tablet	349	12.1	12.7
Tablet	350	12.1	12.7
Tablet	351	12.1	12.7
Tablet	360	12.1	12.7

The lid is rotating from 360° to 0°. The screen is horizontal, LCD direction to 0°.

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Tablet	360	12.1	12.7
Tablet	350	12.1	12.7
Tablet	340	12.1	12.7
Stand	330	19.6	19.5
Tablet	335	12.1	12.7
Stand	334	19.6	19.5
Stand	333	19.6	19.5
Stand	332	19.6	19.5
Stand	331	19.6	19.5
Stand	330	19.6	19.5
Stand	329	19.6	19.5
Stand	320	19.6	19.5
Stand	310	19.6	19.5
Stand	300	19.6	19.5
Stand	290	19.6	19.5
Stand	280	19.6	19.5
Stand	270	19.6	19.5
Stand	260	19.6	19.5
Stand	250	19.6	19.5
Stand	240	19.6	19.5
Stand	230	19.6	19.5
Stand	220	19.6	19.5
Stand	210	19.6	19.5
Stand	200	19.6	19.5
Tablet	190	12.1	12.7
Stand	195	19.6	19.5
Tablet	194	12.1	12.7
Tablet	193	12.1	12.7
Tablet	192	12.1	12.7
Tablet	191	12.1	12.7
Tablet	190	12.1	12.7

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Tablet	180	12.1	12.7
Tablet	170	12.1	12.7
Tablet	160	12.1	12.7
Tablet	150	12.1	12.7
Tablet	140	12.1	12.7
Tablet	130	12.1	12.7
Laptop	120	19.6	19.5
Tablet	125	12.1	12.7
Laptop	124	19.6	19.5
Laptop	123	19.6	19.5
Laptop	122	19.6	19.5
Laptop	121	19.6	19.5
Laptop	120	19.6	19.5
Laptop	110	19.6	19.5
Laptop	100	19.6	19.5
Laptop	90	19.6	19.5
Laptop	80	19.6	19.5
Laptop	70	19.6	19.5
Laptop	60	19.6	19.5
Laptop	50	19.6	19.5
Laptop	40	19.6	19.5
Laptop	30	19.6	19.5
Lid close	20	standby	standby
Laptop	25	19.6	19.5
Lid close	24	standby	standby
Lid close	23	standby	standby
Lid close	22	standby	standby
Lid close	21	standby	standby
Lid close	20	standby	standby
Lid close	10	standby	standby
Lid close	0	standby	standby

B.2.2 LCD direction 90°, 270°

The lid is rotating from 0° to 360°. The screen is vertical, LCD direction to 90°or 270°.

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Lid close	0	standby	standby
Lid close	10	standby	standby
Lid close	20	standby	standby
	30	12.1	12.7
Lid close	25	standby	standby
Lid close	26	standby	standby
Lid close	27	standby	standby
Lid close	28	standby	standby
Lid close	29	standby	standby
	30	12.1	12.7
	31	12.1	12.7
	32	12.1	12.7
	33	12.1	12.7
	34	12.1	12.7
	35	12.1	12.7
	40	12.1	12.7
	50	12.1	12.7
	60	12.1	12.7
	70	12.1	12.7
	80	12.1	12.7
	90	12.1	12.7
	100	12.1	12.7
	110	12.1	12.7
	120	12.1	12.7
	130	12.1	12.7
	140	12.1	12.7
	150	12.1	12.7
	160	12.1	12.7
	170	12.1	12.7
	180	12.1	12.7
	190	12.1	12.7
	200	12.1	12.7
Tablet	210	12.1	12.7
	205	12.1	12.7
Tablet	206	12.1	12.7
Tablet	207	12.1	12.7
Tablet	208	12.1	12.7
Tablet	209	12.1	12.7
Tablet	210	12.1	12.7
Tablet	220	12.1	12.7
Tablet	230	12.1	12.7
Tablet	240	12.1	12.7
Tablet	250	12.1	12.7
Tablet	260	12.1	12.7
Tablet	270	12.1	12.7
Tablet	280	12.1	12.7
Tablet	290	12.1	12.7
Tablet	300	12.1	12.7
Tablet	310	12.1	12.7
Tablet	320	12.1	12.7
Tablet	330	12.1	12.7
Tablet	340	12.1	12.7
Tablet	350	12.1	12.7
Tablet	360	12.1	12.7

The lid is rotating from 360° to 0°. The screen is vertical, LCD direction to 90°or 270°.

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Tablet	360	12.1	12.7
Tablet	350	12.1	12.7
Tablet	340	12.1	12.7
Tablet	330	12.1	12.7
Tablet	320	12.1	12.7
Tablet	310	12.1	12.7
Tablet	300	12.1	12.7
Tablet	290	12.1	12.7
Tablet	280	12.1	12.7
Tablet	270	12.1	12.7
Tablet	260	12.1	12.7
Tablet	250	12.1	12.7
Tablet	240	12.1	12.7
Tablet	230	12.1	12.7
Tablet	220	12.1	12.7
Tablet	210	12.1	12.7
Tablet	200	12.1	12.7
	190	12.1	12.7
Tablet	195	12.1	12.7
	194	12.1	12.7
	193	12.1	12.7
	192	12.1	12.7
	191	12.1	12.7
	190	12.1	12.7
	180	12.1	12.7
	170	12.1	12.7
	160	12.1	12.7
	150	12.1	12.7
	140	12.1	12.7
	130	12.1	12.7
	120	12.1	12.7
	110	12.1	12.7
	100	12.1	12.7
	90	12.1	12.7
	80	12.1	12.7
	70	12.1	12.7
	60	12.1	12.7
	50	12.1	12.7
	40	12.1	12.7
	30	12.1	12.7
Lid close	20	standby	standby
	25	12.1	12.7
Lid close	24	standby	standby
Lid close	23	standby	standby
Lid close	22	standby	standby
Lid close	21	standby	standby
Lid close	20	standby	standby
Lid close	10	standby	standby
Lid close	0	standby	standby

B.2.3 LCD direction 180°

The lid is rotating from 360 degrees to 180 degrees. The screen is vertical, LCD direction to 180 degrees

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Tablet	360	12.1	12.7
Tablet	350	12.1	12.7
Tablet	340	12.1	12.7
Tent	330	12.1	12.7
Tablet	335	12.1	12.7
Tent	334	12.1	12.7
Tent	333	12.1	12.7
Tent	332	12.1	12.7
Tent	331	12.1	12.7
Tent	330	12.1	12.7
Tent	320	12.1	12.7
Tent	310	12.1	12.7
Tent	300	12.1	12.7
Tent	290	12.1	12.7
Tent	280	12.1	12.7
Tent	270	12.1	12.7
Tent	260	12.1	12.7
Tent	250	12.1	12.7
Tent	240	12.1	12.7
Tent	230	12.1	12.7
Tent	220	12.1	12.7
Tent	210	12.1	12.7
Tent	200	12.1	12.7
Tablet	190	12.1	12.7
Tent	195	12.1	12.7
Tablet	194	12.1	12.7
Tablet	193	12.1	12.7
Tablet	192	12.1	12.7
Tablet	191	12.1	12.7
Tablet	190	12.1	12.7
Tablet	180	12.1	12.7

The lid is rotating from 180 degrees to 360 degrees. The screen is vertical, LCD direction to 180 degrees.

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Tablet	180	12.1	12.7
Tablet	190	12.1	12.7
Tent	200	12.1	12.7
Tablet	195	12.1	12.7
Tent	196	12.1	12.7
Tent	197	12.1	12.7
Tent	198	12.1	12.7
Tent	199	12.1	12.7
Tent	200	12.1	12.7
Tent	210	12.1	12.7
Tent	220	12.1	12.7
Tent	230	12.1	12.7
Tent	240	12.1	12.7
Tent	250	12.1	12.7
Tent	260	12.1	12.7
Tent	270	12.1	12.7
Tent	280	12.1	12.7
Tent	290	12.1	12.7
Tent	300	12.1	12.7
Tent	310	12.1	12.7
Tent	320	12.1	12.7
Tent	330	12.1	12.7
Tablet	340	12.1	12.7
Tent	335	12.1	12.7
Tent	336	12.1	12.7
Tent	337	12.1	12.7
Tent	338	12.1	12.7
Tent	339	12.1	12.7
Tablet	340	12.1	12.7
Tablet	350	12.1	12.7
Tablet	360	12.1	12.7

End of the report

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