TEST REPORT

EUT Description	**Convertible PC**
Brand Name	**HP**
Model Name	**TPN-W155**
FCC ID	**PD9AX201NG**
ISED ID	**1000M-AX201NG**
Date of Test Start/End	**2024-02-29 / 2024-02-29**
Features	**IEEE 802.11a/b/g/n/ac/ax**

Applicant	**Intel Corporation SAS**
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Test Report identification	**240130-01.TR01**
Revision Control	**Rev. 02** **This test report replaces any previous versions of this test report** (see Section 8)

The test results relate only to the samples tested.

Reviewed by

Digitally signed by Chei el IN
Date: 2024.03.21 09:57:37 +01'00'

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1. Standards, reference documents and applicable test methods

a. KDB 388624 D02 Pre-Approval Guidance List v18, PRE-APPROVAL GUIDANCE LIST

b. FCC Presentations TCB Workshop November 2019, RF exposure procedures.

2. General conditions, competences and guarantees

- ✓ 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	21.7ºC ± 1ºC
Humidity	41.7% ± 5%

4. Test Sample

Sample	ID #	Description	Model	Serial #	Note
#1	240130-01.S08	Convertible PC	TPN-W155	2023102604257	-

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	TPN-W155
Prototype / Production	Pre - Production
Host Identification	Convertible PC

6. Remarks and comments

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

7. Test Results summary

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 < 35°	-	Standby	Standby	Standby	Standby	Standby	Standby	Standby	Standby
Notebook	35° ≤ φ < 130°	0°	20.5	20.5	19.9	19.7	20.5	20.5	19.5	19.6
Stand	201°≤ φ <340°	0°	20.5	20.5	19.9	19.7	20.5	20.5	19.5	19.6
Tent	201° ≤ φ ≤ 340°	180°	18.5	18.5	17.8	17.7	16.5	16.5	15.8	15.6
Tablet	340°< φ ≤ 360°	0°	18.5	18.5	17.8	17.7	16.5	16.5	15.8	15.6
Book	35°≤ φ <130°	90°	18.5	18.5	17.8	17.7	16.5	16.5	15.8	15.6

8. Document Revision History

Revision #	Modified by	Revision Details
Rev.00	Cheiel In	First release
Rev.01	Cheiel In	Correction of the model name on the front page upon customer request
Rev. 02	Cheiel In	Correction of the lid close angle on section 7.1 based on comments from the notified body

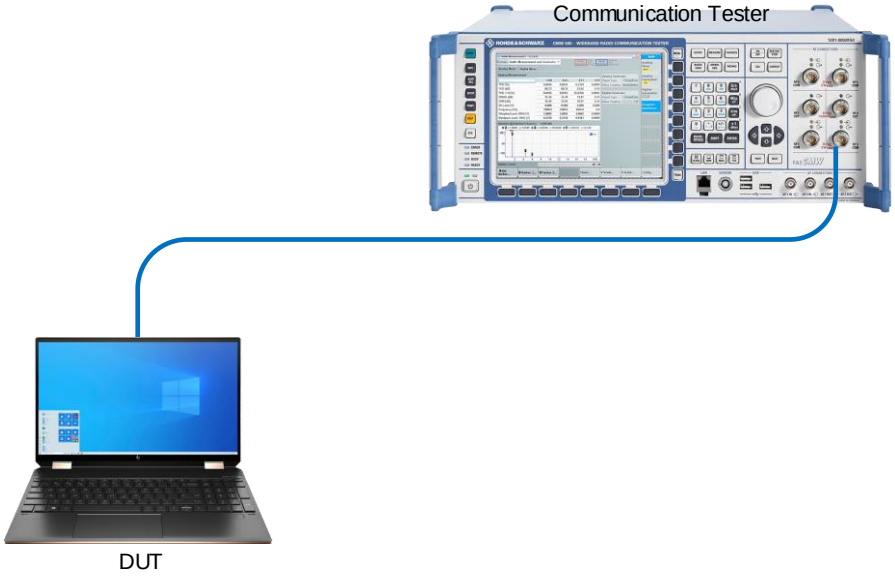
Annex A. Test & System description

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 *TPN-W155.* An *AX201NGW* connectivity module is installed inside
- The call box is used as an access point to manage the uplink and downlink data traffic.
- 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 .01433.23.10.0 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.

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
125-000	Communication Tester	CMW500	129337	Rohde & Schwartz	2023-04-12	2025-04-12
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

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 vertical, 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
Lid close	30	Standby	Standby
Notebook	40	19.9	19.7
Lid close	35	Standby	Standby
Notebook	36	19.9	19.7
Notebook	37	19.9	19.7
Notebook	38	19.9	19.7
Notebook	39	19.9	19.7
Notebook	40	19.9	19.7
Notebook	50	19.9	19.7
Notebook	60	19.9	19.7
Notebook	70	19.9	19.7
Notebook	80	19.9	19.7
Notebook	90	19.9	19.7
Notebook	100	19.9	19.7
Notebook	110	19.9	19.7
Notebook	120	19.9	19.7
Notebook	130	19.9	19.7
	140	17.8	17.7
Notebook	135	19.9	19.7
Notebook	130	19.9	19.7
Notebook	131	19.9	19.7
Notebook	132	19.9	19.7
Notebook	133	19.9	19.7
Notebook	134	19.9	19.7
Notebook	135	19.9	19.7
	136	17.8	17.7
	137	17.8	17.7
	138	17.8	17.7
	138	17.8	17.7
	140	17.8	17.7
	150	17.8	17.7
	160	17.8	17.7
	180	17.8	17.7
	190	17.8	17.7
	200	17.8	17.7

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
Stand	210	19.9	19.7
	205	17.8	17.7
	200	17.8	17.7
	201	17.8	17.7
	202	17.8	17.7
	203	17.8	17.7
	204	17.8	17.7
	205	17.8	17.7
Stand	206	19.9	19.7
Stand	207	19.9	19.7
Stand	208	19.9	19.7
Stand	209	19.9	19.7
Stand	210	19.9	19.7
Stand	211	19.9	19.7
Stand	220	19.9	19.7
Stand	230	19.9	19.7
Stand	240	19.9	19.7
Stand	250	19.9	19.7
Stand	260	19.9	19.7
Stand	270	19.9	19.7
Stand	280	19.9	19.7
Stand	290	19.9	19.7
Stand	300	19.9	19.7
Stand	310	19.9	19.7
Stand	320	19.9	19.7
Stand	330	19.9	19.7
Stand	340	19.9	19.7
Tablet	350	17.8	17.7
Stand	345	19.9	19.7
Stand	340	19.9	19.7
Stand	341	19.9	19.7
Stand	342	19.9	19.7
Stand	343	19.9	19.7
Stand	344	19.9	19.7
Stand	345	19.9	19.7
Tablet	346	17.8	17.7
Tablet	347	17.8	17.7
Tablet	348	17.8	17.7
Tablet	349	17.8	17.7
Tablet	350	17.8	17.7
Tablet	360	17.8	17.7

The lid is rotating from 360° to 0°. The screen is vertical, 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	17.8	17.7
Tablet	350	17.8	17.7
Tablet	340	17.8	17.7
Stand	330	19.9	19.7
Tablet	335	17.8	17.7
Tablet	340	17.8	17.7
Tablet	339	17.8	17.7
Tablet	338	17.8	17.7
Tablet	337	17.8	17.7
Tablet	336	17.8	17.7
Stand	335	19.9	19.7
Stand	334	19.9	19.7
Stand	333	19.9	19.7
Stand	332	19.9	19.7
Stand	331	19.9	19.7
Stand	330	19.9	19.7
Stand	320	19.9	19.7
Stand	310	19.9	19.7
Stand	300	19.9	19.7
Stand	290	19.9	19.7
Stand	280	19.9	19.7
Stand	270	19.9	19.7
Stand	260	19.9	19.7
Stand	250	19.9	19.7
Stand	240	19.9	19.7
Stand	230	19.9	19.7
Stand	220	19.9	19.7
Stand	210	19.9	19.7
Stand	200	19.9	19.7
	190	17.8	17.7
	195	17.8	17.7
Stand	200	19.9	19.7
Stand	199	19.9	19.7
Stand	198	19.9	19.7
Stand	197	19.9	19.7
Stand	196	19.9	19.7
	195	17.8	17.7
	194	17.8	17.7
	193	17.8	17.7
	192	17.8	17.7
	191	17.8	17.7
	190	17.8	17.7

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
	180	17.8	17.7
	170	17.8	17.7
	160	17.8	17.7
	150	17.8	17.7
	140	17.8	17.7
	130	17.8	17.7
Notebook	120	19.9	19.7
Notebook	125	19.9	19.7
	130	17.8	17.7
	129	17.8	17.7
	128	17.8	17.7
	127	17.8	17.7
	126	17.8	17.7
Notebook	125	19.9	19.7
Notebook	124	19.9	19.7
Notebook	123	19.9	19.7
Notebook	121	19.9	19.7
Notebook	120	19.9	19.7
Notebook	110	19.9	19.7
Notebook	100	19.9	19.7
Notebook	90	19.9	19.7
Notebook	80	19.9	19.7
Notebook	70	19.9	19.7
Notebook	60	19.9	19.7
Notebook	50	19.9	19.7
Notebook	40	19.9	19.7
Notebook	30	19.9	19.7
Lid close	20	17.8	17.7
Lid close	25	17.8	17.7
Notebook	30	19.9	19.7
Notebook	29	19.9	19.7
Notebook	28	19.9	19.7
Notebook	27	19.9	19.7
Notebook	26	19.9	19.7
Lid close	25	17.8	17.7
Lid close	24	17.8	17.7
Lid close	23	17.8	17.7
Lid close	22	17.8	17.7
Lid close	21	17.8	17.7
Lid close	20	17.8	17.7
Lid close	10	17.8	17.7
Lid close	0	17.8	17.7

B.1.2 LCD direction 180°

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

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
	180	17.8	17.7
	190	17.8	17.7
	200	17.8	17.7
Tent	210	17.8	17.7
	205	17.8	17.7
	200	17.8	17.7
	201	17.8	17.7
	202	17.8	17.7
	203	17.8	17.7
	204	17.8	17.7
	205	17.8	17.7
Tent	206	17.8	17.7
Tent	207	17.8	17.7
Tent	208	17.8	17.7
Tent	209	17.8	17.7
Tent	210	17.8	17.7
Tent	220	17.8	17.7
Tent	230	17.8	17.7
Tent	240	17.8	17.7
Tent	250	17.8	17.7
Tent	260	17.8	17.7
Tent	270	17.8	17.7
Tent	280	17.8	17.7
Tent	290	17.8	17.7
Tent	300	17.8	17.7
Tent	310	17.8	17.7
Tent	320	17.8	17.7
Tent	330	17.8	17.7
Tent	340	17.8	17.7
Tablet	350	17.8	17.7
Tablet	345	17.8	17.7
Tent	340	17.8	17.7
Tent	341	17.8	17.7
Tent	342	17.8	17.7
Tent	343	17.8	17.7
Tent	344	17.8	17.7
Tablet	345	17.8	17.7
Tablet	346	17.8	17.7
Tablet	347	17.8	17.7
Tablet	348	17.8	17.7
Tablet	349	17.8	17.7
Tablet	350	17.8	17.7
Tablet	360	17.8	17.7

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

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
Tablet	360	17.8	17.7
Tablet	350	17.8	17.7
Tablet	340	17.8	17.7
Tent	330	17.8	17.7
Tent	335	17.8	17.7
Tablet	340	17.8	17.7
Tablet	339	17.8	17.7
Tablet	338	17.8	17.7
Tablet	337	17.8	17.7
Tablet	336	17.8	17.7
Tent	335	17.8	17.7
Tent	334	17.8	17.7
Tent	333	17.8	17.7
Tent	332	17.8	17.7
Tent	331	17.8	17.7
Tent	330	17.8	17.7
Tent	320	17.8	17.7
Tent	310	17.8	17.7
Tent	300	17.8	17.7
Tent	290	17.8	17.7
Tent	280	17.8	17.7
Tent	270	17.8	17.7
Tent	260	17.8	17.7
Tent	250	17.8	17.7
Tent	240	17.8	17.7
Tent	230	17.8	17.7
Tent	220	17.8	17.7
Tent	210	17.8	17.7
Tent	200	17.8	17.7
	190	17.8	17.7
	195	17.8	17.7
Tent	200	17.8	17.7
Tent	199	17.8	17.7
Tent	198	17.8	17.7
Tent	197	17.8	17.7
Tent	196	17.8	17.7
	195	17.8	17.7
	194	17.8	17.7
	193	17.8	17.7
	192	17.8	17.7
	191	17.8	17.7
	190	17.8	17.7
	180	17.8	17.7

B.1.3 LCD direction 90°

The lid is rotating from 0° to 130°. The screen is vertical, LCD direction to 90°.

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
Lid close	30	Standby	Standby
Book	40	17.8	17.7
Book	35	17.8	17.7
Lid close	30	Standby	Standby
Lid close	31	Standby	Standby
Lid close	32	Standby	Standby
Lid close	33	Standby	Standby
Lid close	34	Standby	Standby
Book	35	17.8	17.7
Book	36	17.8	17.7
Book	37	17.8	17.7
Book	38	17.8	17.7
Book	39	17.8	17.7
Book	40	17.8	17.7
Book	50	17.8	17.7
Book	60	17.8	17.7
Book	70	17.8	17.7
Book	80	17.8	17.7
Book	90	17.8	17.7
Book	100	17.8	17.7
Book	110	17.8	17.7
Book	120	17.8	17.7
Book	130	17.8	17.7

The lid is rotating from 130° to 0°. The screen is vertical, LCD direction to 90°.

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Channel 6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Channel 6 Main (2) Ant.
Book	130	17.8	17.7
Book	120	17.8	17.7
Book	110	17.8	17.7
Book	100	17.8	17.7
Book	90	17.8	17.7
Book	80	17.8	17.7
Book	70	17.8	17.7
Book	60	17.8	17.7
Book	50	17.8	17.7
Book	40	17.8	17.7
Lid close	30	Standby	Standby
Book	35	17.8	17.7
Book	40	17.8	17.7
Book	39	17.8	17.7
Book	38	17.8	17.7
Book	37	17.8	17.7
Book	36	17.8	17.7
Book	35	17.8	17.7
Lid close	34	Standby	Standby
Lid close	32	Standby	Standby
Lid close	31	Standby	Standby
Lid close	30	Standby	Standby
Lid close	29	Standby	Standby
Lid close	20	Standby	Standby
Lid close	10	Standby	Standby
Lid close	0	Standby	Standby

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 vertical, 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
Lid close	30	Standby	Standby
Notebook	40	19.5	19.6
Lid close	35	Standby	Standby
Notebook	36	19.5	19.6
Notebook	37	19.5	19.6
Notebook	38	19.5	19.6
Notebook	39	19.5	19.6
Notebook	40	19.5	19.6
Notebook	50	19.5	19.6
Notebook	60	19.5	19.6
Notebook	70	19.5	19.6
Notebook	80	19.5	19.6
Notebook	90	19.5	19.6
Notebook	100	19.5	19.6
Notebook	110	19.5	19.6
Notebook	120	19.5	19.6
Notebook	130	19.5	19.6
low power	140	19.5	19.6
Notebook	135	19.5	19.6
Notebook	130	19.5	19.6
Notebook	131	19.5	19.6
Notebook	132	19.5	19.6
Notebook	133	19.5	19.6
Notebook	134	19.5	19.6
Notebook	135	19.5	19.6
	136	15.8	15.6
	137	15.8	15.6
	138	15.8	15.6
	138	15.8	15.6
	140	15.8	15.6
	150	15.8	15.6
	160	15.8	15.6
	180	15.8	15.6
	190	15.8	15.6
	200	15.8	15.6

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Stand	210	19.5	19.6
	205	15.8	15.6
	200	15.8	15.6
	201	15.8	15.6
	202	15.8	15.6
	203	15.8	15.6
	204	15.8	15.6
	205	15.8	15.6
Stand	206	19.5	19.6
Stand	207	19.5	19.6
Stand	208	19.5	19.6
Stand	209	19.5	19.6
Stand	210	19.5	19.6
Stand	211	19.5	19.6
Stand	220	19.5	19.6
Stand	230	19.5	19.6
Stand	240	19.5	19.6
Stand	250	19.5	19.6
Stand	260	19.5	19.6
Stand	270	19.5	19.6
Stand	280	19.5	19.6
Stand	290	19.5	19.6
Stand	300	19.5	19.6
Stand	310	19.5	19.6
Stand	320	19.5	19.6
Stand	330	19.5	19.6
Stand	340	19.5	19.6
Tablet	350	15.8	15.6
Stand	345	19.5	19.6
Stand	340	19.5	19.6
Stand	341	19.5	19.6
Stand	342	19.5	19.6
Stand	343	19.5	19.6
Stand	344	19.5	19.6
Stand	345	19.5	19.6
Tablet	346	15.8	15.6
Tablet	347	15.8	15.6
Tablet	348	15.8	15.6
Tablet	349	15.8	15.6
Tablet	350	15.8	15.6
Tablet	360	15.8	15.6

The lid is rotating from 360° to 0°. The screen is vertical, 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	15.8	15.6
Tablet	350	15.8	15.6
Tablet	340	15.8	15.6
Stand	330	15.8	15.6
Tablet	335	15.8	15.6
Tablet	340	15.8	15.6
Tablet	339	15.8	15.6
Tablet	338	15.8	15.6
Tablet	337	15.8	15.6
Tablet	336	15.8	15.6
Stand	335	19.5	19.6
Stand	334	19.5	19.6
Stand	333	19.5	19.6
Stand	332	19.5	19.6
Stand	331	19.5	19.6
Stand	330	19.5	19.6
Stand	320	19.5	19.6
Stand	310	19.5	19.6
Stand	300	19.5	19.6
Stand	290	19.5	19.6
Stand	280	19.5	19.6
Stand	270	19.5	19.6
Stand	260	19.5	19.6
Stand	250	19.5	19.6
Stand	240	19.5	19.6
Stand	230	19.5	19.6
Stand	220	19.5	19.6
Stand	210	19.5	19.6
Stand	200	19.5	19.6
	190	15.8	15.6
	195	15.8	15.6
Stand	200	19.5	19.6
Stand	199	19.5	19.6
Stand	198	19.5	19.6
Stand	197	19.5	19.6
Stand	196	19.5	19.6
	195	15.8	15.6
	194	15.8	15.6
	193	15.8	15.6
	192	15.8	15.6
	191	15.8	15.6
	190	15.8	15.6

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
	180	15.8	15.6
	170	15.8	15.6
	160	15.8	15.6
	150	15.8	15.6
	140	15.8	15.6
	130	15.8	15.6
Notebook	120	19.5	19.6
Notebook	125	19.5	19.6
	130	15.8	15.6
	129	15.8	15.6
	128	15.8	15.6
	127	15.8	15.6
	126	15.8	15.6
Notebook	125	19.5	19.6
Notebook	124	19.5	19.6
Notebook	123	19.5	19.6
Notebook	121	19.5	19.6
Notebook	120	19.5	19.6
Notebook	110	19.5	19.6
Notebook	100	19.5	19.6
Notebook	90	19.5	19.6
Notebook	80	19.5	19.6
Notebook	70	19.5	19.6
Notebook	60	19.5	19.6
Notebook	50	19.5	19.6
Notebook	40	19.5	19.6
Notebook	30	19.5	19.6
Lid close	20	Standby	Standby
Lid close	25	Standby	Standby
Notebook	30	19.5	19.6
Notebook	29	19.5	19.6
Notebook	28	19.5	19.6
Notebook	27	19.5	19.6
Notebook	26	19.5	19.6
Lid close	25	Standby	Standby
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 180°

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

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
	180	15.8	15.6
	190	15.8	15.6
	200	15.8	15.6
Tent	210	15.8	15.6
	205	15.8	15.6
	200	15.8	15.6
	201	15.8	15.6
	202	15.8	15.6
	203	15.8	15.6
	204	15.8	15.6
	205	15.8	15.6
Tent	206	15.8	15.6
Tent	207	15.8	15.6
Tent	208	15.8	15.6
Tent	209	15.8	15.6
Tent	210	15.8	15.6
Tent	220	15.8	15.6
Tent	230	15.8	15.6
Tent	240	15.8	15.6
Tent	250	15.8	15.6
Tent	260	15.8	15.6
Tent	270	15.8	15.6
Tent	280	15.8	15.6
Tent	290	15.8	15.6
Tent	300	15.8	15.6
Tent	310	15.8	15.6
Tent	320	15.8	15.6
Tent	330	15.8	15.6
Tent	340	15.8	15.6
Tablet	350	15.8	15.6
Tablet	345	15.8	15.6
Tent	340	15.8	15.6
Tent	341	15.8	15.6
Tent	342	15.8	15.6
Tent	343	15.8	15.6
Tent	344	15.8	15.6
Tablet	345	15.8	15.6
Tablet	346	15.8	15.6
Tablet	347	15.8	15.6
Tablet	348	15.8	15.6
Tablet	349	15.8	15.6
Tablet	350	15.8	15.6
Tablet	360	15.8	15.6

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

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Tablet	360	15.8	15.6
Tablet	350	15.8	15.6
Tablet	340	15.8	15.6
Tent	330	15.8	15.6
Tent	335	15.8	15.6
Tablet	340	15.8	15.6
Tablet	339	15.8	15.6
Tablet	338	15.8	15.6
Tablet	337	15.8	15.6
Tablet	336	15.8	15.6
Tent	335	15.8	15.6
Tent	334	15.8	15.6
Tent	333	15.8	15.6
Tent	332	15.8	15.6
Tent	331	15.8	15.6
Tent	330	15.8	15.6
Tent	320	15.8	15.6
Tent	310	15.8	15.6
Tent	300	15.8	15.6
Tent	290	15.8	15.6
Tent	280	15.8	15.6
Tent	270	15.8	15.6
Tent	260	15.8	15.6
Tent	250	15.8	15.6
Tent	240	15.8	15.6
Tent	230	15.8	15.6
Tent	220	15.8	15.6
Tent	210	15.8	15.6
Tent	200	15.8	15.6
	190	15.8	15.6
	195	15.8	15.6
Tent	200	15.8	15.6
Tent	199	15.8	15.6
Tent	198	15.8	15.6
Tent	197	15.8	15.6
Tent	196	15.8	15.6
	195	15.8	15.6
	194	15.8	15.6
	193	15.8	15.6
	192	15.8	15.6
	191	15.8	15.6
	190	15.8	15.6
	180	15.8	15.6

B.2.3 LCD direction 90°

The lid is rotating from 0° to 130°. The screen is vertical, LCD direction to 90°.

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
Lid close	30	Standby	Standby
Book	40	15.8	15.6
Book	35	15.8	15.6
Lid close	30	Standby	Standby
Lid close	31	Standby	Standby
Lid close	32	Standby	Standby
Lid close	33	Standby	Standby
Lid close	34	Standby	Standby
Book	35	15.8	15.6
Book	36	15.8	15.6
Book	37	15.8	15.6
Book	38	15.8	15.6
Book	39	15.8	15.6
Book	40	15.8	15.6
Book	50	15.8	15.6
Book	60	15.8	15.6
Book	70	15.8	15.6
Book	80	15.8	15.6
Book	90	15.8	15.6
Book	100	15.8	15.6
Book	110	15.8	15.6
Book	120	15.8	15.6
Book	130	15.8	15.6

The lid is rotating from 130° to 0°. The screen is vertical, LCD direction to 90°.

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Book	130	15.8	15.6
Book	120	15.8	15.6
Book	110	15.8	15.6
Book	100	15.8	15.6
Book	90	15.8	15.6
Book	80	15.8	15.6
Book	70	15.8	15.6
Book	60	15.8	15.6
Book	50	15.8	15.6
Book	40	15.8	15.6
Lid close	30	Standby	Standby
Book	35	15.8	15.6
Book	40	15.8	15.6
Book	39	15.8	15.6
Book	38	15.8	15.6
Book	37	15.8	15.6
Book	36	15.8	15.6
Book	35	15.8	15.6
Lid close	34	Standby	Standby
Lid close	32	Standby	Standby
Lid close	31	Standby	Standby
Lid close	30	Standby	Standby
Lid close	29	Standby	Standby
Lid close	20	Standby	Standby
Lid close	10	Standby	Standby
Lid close	0	Standby	Standby