

TEST REPORT

EUT Description	Convertible PC
Brand Name	HP
Model Name	TPN-W169
FCC ID	PD9AX211NG
ISED ID	1000M-AX211NG
Date of Test Start/End	2025-01-08 / 2025-01-09
Features	2x2 Wi-Fi- Bluetooth® (see section 5)

Applicant	Intel Corporation SAS
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Reference Standards	FCC 47 CFR Part §2.1093 RSS 102, issue 6 (see section 1)
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Test Report identification	240926-01.TR06
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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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	AVG: 21,15°C Min: 20,94°C Max: 21,36°C
Humidity	AVG: 45.96%rh Min: 43,71%rh Max: 48,22%rh

4. Test Sample

Sample	ID #	Description	Model	Serial #	Note
#1	240926-01.S08	Convertible PC	TPN-W169	ABC44201B4	-

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-W169	
Prototype / Production	Production	
Host Identification	Convertible PC	
Supported Radios	802.11b/g/n/ax	2.4GHz (2400.0 – 2483.5 MHz)
	802.11a/n/ac/ax	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	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	$0^{\circ} \leq \varphi \leq 30^{\circ}$	-	Standby	Standby	Standby	Standby	Standby	Standby	Standby	Standby
Notebook	$30^{\circ} \leq \varphi \leq 130^{\circ}$	0°	20.50	20.50	19.48	19.85	20.50	20.50	19.35	19.41
Stand	$200^{\circ} \leq \varphi \leq 340^{\circ}$	0°	20.50	20.50	19.48	19.85	20.50	20.50	19.35	19.41
Tent	$200^{\circ} \leq \varphi \leq 340^{\circ}$	180°	17.00	17.00	16.46	16.66	16.00	16.00	15.01	14.80
Tablet	$130^{\circ} \leq - < 200^{\circ}$ $200^{\circ} \leq - < 340^{\circ}$ $340^{\circ} \leq - < 360^{\circ}$	0° 90° or 270°	17.00	17.00	16.46	16.66	16.00	16.00	15.01	14.80
Book	$30^{\circ} \leq \varphi \leq 200^{\circ}$	90° or 270°	17.00	17.00	16.46	16.66	16.00	16.00	15.01	14.80

8. Document Revision History

Revision #	Modified by	Revision Details
Rev.00	Axel AZIZE G.	-

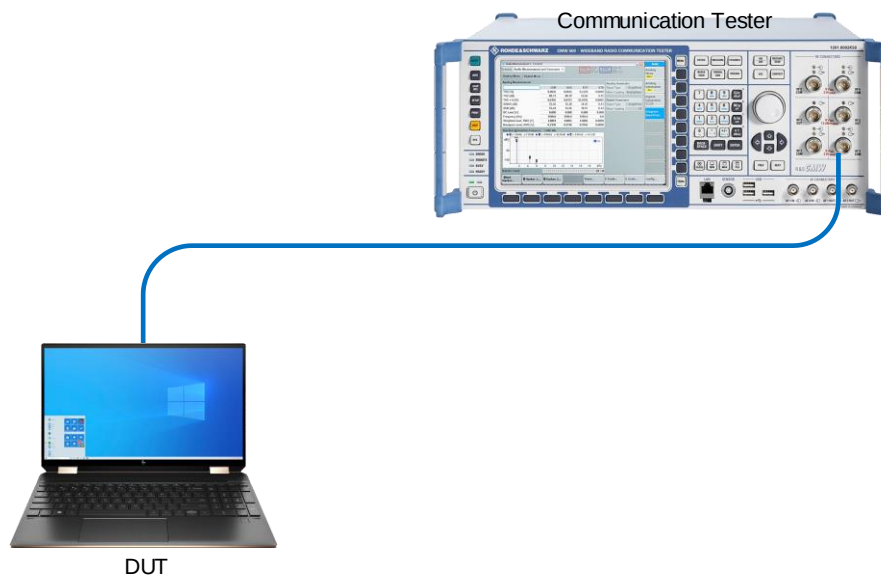
Annex A. Test & System description

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-W169. An AX211NGW 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 01908.23.70.0 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.1.3.

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	± 2	dB

Annex B. Test Results

The herein test results were performed by:

Test case measurement	Test Personnel
G-Sensor functionality	Axel AZIZE G.

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.	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	Stand	230	19.48	19.85
Lid close	10	Standby	Standby	Stand	240	19.48	19.85
Lid close	20	Standby	Standby	Stand	260	19.48	19.85
Notebook	30	19.48	19.85	Stand	270	19.48	19.85
Lid close	25	Standby	Standby	Stand	280	19.48	19.85
Lid close	26	Standby	Standby	Stand	290	19.48	19.85
Lid close	27	Standby	Standby	Stand	300	19.48	19.85
Lid close	28	Standby	Standby	Stand	310	19.48	19.85
Lid close	29	Standby	Standby	Stand	320	19.48	19.85
Notebook	30	19.48	19.85	Stand	330	19.48	19.85
Notebook	31	19.48	19.85	Stand	340	19.48	19.85
Notebook	32	19.48	19.85	Tablet	350	16.46	16.66
Notebook	33	19.48	19.85	Stand	345	19.48	19.85
Notebook	34	19.48	19.85	Tablet	346	16.46	16.66
Notebook	35	19.48	19.85	Tablet	347	16.46	16.66
Notebook	40	19.48	19.85	Tablet	348	16.46	16.66
Notebook	50	19.48	19.85	Tablet	349	16.46	16.66
Notebook	60	19.48	19.85	Tablet	350	16.46	16.66
Notebook	70	19.48	19.85	Tablet	360	16.46	16.66
Notebook	80	19.48	19.85				
Notebook	90	19.48	19.85				
Notebook	100	19.48	19.85				
Notebook	110	19.48	19.85				
Notebook	120	19.48	19.85				
Notebook	130	19.48	19.85				
Tablet	140	16.46	16.66				
Notebook	135	19.48	19.85				
Tablet	136	16.46	16.66				
Tablet	137	16.46	16.66				
Tablet	138	16.46	16.66				
Tablet	139	16.46	16.66				
Tablet	140	16.46	16.66				
Tablet	150	16.46	16.66				
Tablet	160	16.46	16.66				
Tablet	170	16.46	16.66				
Tablet	180	16.46	16.66				
Tablet	190	16.46	16.66				
Tablet	200	16.46	16.66				
Stand	210	19.48	19.85				
Tablet	205	16.46	16.66				
Stand	206	19.48	19.85				
Stand	207	19.48	19.85				
Stand	208	19.48	19.85				
Stand	209	19.48	19.85				
Stand	210	19.48	19.85				
Stand	220	19.48	19.85				

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	16.46	16.66
Tablet	350	16.46	16.66
Tablet	340	16.46	16.66
Stand	330	19.48	19.85
Tablet	335	16.46	16.66
Stand	334	19.48	19.85
Stand	333	19.48	19.85
Stand	332	19.48	19.85
Stand	331	19.48	19.85
Stand	330	19.48	19.85
Stand	320	19.48	19.85
Stand	310	19.48	19.85
Stand	300	19.48	19.85
Stand	290	19.48	19.85
Stand	280	19.48	19.85
Stand	270	19.48	19.85
Stand	260	19.48	19.85
Stand	250	19.48	19.85
Stand	240	19.48	19.85
Stand	230	19.48	19.85
Stand	220	19.48	19.85
Stand	210	19.48	19.85
Stand	200	19.48	19.85
Tablet	190	16.46	16.66
Stand	195	19.48	19.85
Tablet	194	16.46	16.66
Tablet	193	16.46	16.66
Tablet	192	16.46	16.66
Tablet	191	16.46	16.66
Tablet	190	16.46	16.66
Tablet	180	16.46	16.66
Tablet	170	16.46	16.66
Tablet	160	16.46	16.66
Tablet	150	16.46	16.66
Tablet	140	16.46	16.66
Tablet	130	16.46	16.66
Notebook	120	19.48	19.85
Tablet	125	16.46	16.66
Notebook	124	19.48	19.85
Notebook	123	19.48	19.85
Notebook	122	19.48	19.85
Notebook	121	19.48	19.85
Notebook	120	19.48	19.85

Device Mode	Angle (°)	Meas. Power (dBm) 2.4GHz Ch6 Aux (1) Ant.	Meas. Power (dBm) 2.4GHz Ch6 Main (2) Ant.
Notebook	110	19.48	19.85
Notebook	100	19.48	19.85
Notebook	90	19.48	19.85
Notebook	80	19.48	19.85
Notebook	70	19.48	19.85
Notebook	60	19.48	19.85
Notebook	50	19.48	19.85
Notebook	40	19.48	19.85
Notebook	30	19.48	19.85
Lid close	20	Standby	Standby
Notebook	25	19.48	19.85
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 180°

The lid is rotating from 200° 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.
Tablet	200	16.46	16.66
Tent	210	16.46	16.66
Tent	205	16.46	16.66
Tablet	200	16.46	16.66
Tent	201	16.46	16.66
Tent	202	16.46	16.66
Tent	203	16.46	16.66
Tent	204	16.46	16.66
Tent	205	16.46	16.66
Tent	206	16.46	16.66
Tent	207	16.46	16.66
Tent	208	16.46	16.66
Tent	209	16.46	16.66
Tent	210	16.46	16.66
Tent	220	16.46	16.66
Tent	230	16.46	16.66
Tent	240	16.46	16.66
Tent	250	16.46	16.66
Tent	260	16.46	16.66
Tent	270	16.46	16.66
Tent	280	16.46	16.66
Tent	290	16.46	16.66
Tent	300	16.46	16.66
Tent	310	16.46	16.66
Tent	320	16.46	16.66
Tent	330	16.46	16.66
Tent	340	16.46	16.66
Tablet	350	16.46	16.66
Tablet	345	16.46	16.66
Tent	340	16.46	16.66
Tablet	341	16.46	16.66
Tablet	342	16.46	16.66
Tablet	343	16.46	16.66
Tablet	344	16.46	16.66
Tablet	345	16.46	16.66
Tablet	346	16.46	16.66
Tablet	347	16.46	16.66
Tablet	348	16.46	16.66
Tablet	349	16.46	16.66
Tablet	350	16.46	16.66
Tablet	360	16.46	16.66

The lid is rotating from 360° to 200°. 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	16.46	16.66
Tablet	350	16.46	16.66
Tent	340	16.46	16.66
Tablet	345	16.46	16.66
Tent	340	16.46	16.66
Tablet	349	16.46	16.66
Tablet	348	16.46	16.66
Tablet	347	16.46	16.66
Tablet	346	16.46	16.66
Tablet	345	16.46	16.66
Tablet	344	16.46	16.66
Tablet	343	16.46	16.66
Tablet	342	16.46	16.66
Tablet	341	16.46	16.66
Tent	340	16.46	16.66
Tent	330	16.46	16.66
Tent	320	16.46	16.66
Tent	310	16.46	16.66
Tent	300	16.46	16.66
Tent	290	16.46	16.66
Tent	280	16.46	16.66
Tent	270	16.46	16.66
Tent	260	16.46	16.66
Tent	250	16.46	16.66
Tent	240	16.46	16.66
Tent	230	16.46	16.66
Tent	220	16.46	16.66
Tent	210	16.46	16.66
Tablet	200	16.46	16.66
Tent	205	16.46	16.66
Tent	204	16.46	16.66
Tent	203	16.46	16.66
Tent	202	16.46	16.66
Tent	201	16.46	16.66
Tablet	200	16.46	16.66

B.1.3 LCD direction 90° or 270°

The lid is rotating from 0° to 200°. 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	16.46	16.66
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	16.46	16.66
Book	31	16.46	16.66
Book	32	16.46	16.66
Book	33	16.46	16.66
Book	34	16.46	16.66
Book	35	16.46	16.66
Book	40	16.46	16.66
Book	50	16.46	16.66
Book	60	16.46	16.66
Book	70	16.46	16.66
Book	80	16.46	16.66
Book	90	16.46	16.66
Book	100	16.46	16.66
Book	110	16.46	16.66
Book	120	16.46	16.66
Book	130	16.46	16.66
Book	140	16.46	16.66
Book	150	16.46	16.66
Book	160	16.46	16.66
Book	170	16.46	16.66
Book	180	16.46	16.66
Book	190	16.46	16.66
Book	200	16.46	16.66
Tablet	210	16.46	16.66
Book	205	16.46	16.66
Tablet	206	16.46	16.66
Book	207	16.46	16.66
Book	208	16.46	16.66
Tablet	209	16.46	16.66
Tablet	210	16.46	16.66
Tablet	220	16.46	16.66
Tablet	230	16.46	16.66
Tablet	240	16.46	16.66
Tablet	260	16.46	16.66
Tablet	270	16.46	16.66
Tablet	280	16.46	16.66
Tablet	290	16.46	16.66
Tablet	300	16.46	16.66
Tablet	310	16.46	16.66
Tablet	320	16.46	16.66
Tablet	340	16.46	16.66
Tablet	350	16.46	16.66
Tablet	360	16.46	16.66

The lid is rotating from 200° 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	16.46	16.66
Tablet	350	16.46	16.66
Tablet	340	16.46	16.66
Tablet	320	16.46	16.66
Tablet	310	16.46	16.66
Tablet	300	16.46	16.66
Tablet	290	16.46	16.66
Tablet	280	16.46	16.66
Tablet	270	16.46	16.66
Tablet	260	16.46	16.66
Tablet	240	16.46	16.66
Tablet	230	16.46	16.66
Tablet	220	16.46	16.66
Tablet	210	16.46	16.66
Tablet	200	16.46	16.66
Book	190	16.46	16.66
Tablet	195	16.46	16.66
Book	194	16.46	16.66
Book	193	16.46	16.66
Book	192	16.46	16.66
Book	191	16.46	16.66
Book	190	16.46	16.66
Book	180	16.46	16.66
Book	170	16.46	16.66
Book	160	16.46	16.66
Book	150	16.46	16.66
Book	140	16.46	16.66
Book	130	16.46	16.66
Book	120	16.46	16.66
Book	110	16.46	16.66
Book	100	16.46	16.66
Book	90	16.46	16.66
Book	80	16.46	16.66
Book	70	16.46	16.66
Book	60	16.46	16.66
Book	50	16.46	16.66
Book	40	16.46	16.66
Book	30	16.46	16.66
Lid close	20	Standby	Standby
Book	25	16.46	16.66
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 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
Notebook	30	19.35	19.41
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
Notebook	30	19.35	19.41
Notebook	31	19.35	19.41
Notebook	32	19.35	19.41
Notebook	33	19.35	19.41
Notebook	34	19.35	19.41
Notebook	35	19.35	19.41
Notebook	40	19.35	19.41
Notebook	50	19.35	19.41
Notebook	60	19.35	19.41
Notebook	70	19.35	19.41
Notebook	80	19.35	19.41
Notebook	90	19.35	19.41
Notebook	100	19.35	19.41
Notebook	110	19.35	19.41
Notebook	120	19.35	19.41
Notebook	130	19.35	19.41
Tablet	140	15.01	14.80
Notebook	135	19.35	19.41
Tablet	136	15.01	14.80
Tablet	137	15.01	14.80
Tablet	138	15.01	14.80
Tablet	139	15.01	14.80
Tablet	140	15.01	14.80
Tablet	150	15.01	14.80
Tablet	160	15.01	14.80
Tablet	170	15.01	14.80
Tablet	180	15.01	14.80
Tablet	190	15.01	14.80
Tablet	200	15.01	14.80
Stand	210	19.35	19.41
Tablet	205	15.01	14.80
Stand	206	19.35	19.41
Stand	207	19.35	19.41
Stand	208	19.35	19.41
Stand	209	19.35	19.41
Stand	210	19.35	19.41
Stand	220	19.35	19.41

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Stand	230	19.35	19.41
Stand	240	19.35	19.41
Stand	260	19.35	19.41
Stand	270	19.35	19.41
Stand	280	19.35	19.41
Stand	290	19.35	19.41
Stand	300	19.35	19.41
Stand	310	19.35	19.41
Stand	320	19.35	19.41
Stand	330	19.35	19.41
Stand	340	19.35	19.41
Tablet	350	15.01	14.80
Stand	345	19.35	19.41
Tablet	346	15.01	14.80
Tablet	347	15.01	14.80
Tablet	348	15.01	14.80
Tablet	349	15.01	14.80
Tablet	350	15.01	14.80
Tablet	360	15.01	14.80

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	15.01	14.80
Tablet	350	15.01	14.80
Tablet	340	15.01	14.80
Stand	330	19.35	19.41
Tablet	335	15.01	14.80
Stand	334	19.35	19.41
Stand	333	19.35	19.41
Stand	332	19.35	19.41
Stand	331	19.35	19.41
Stand	330	19.35	19.41
Stand	320	19.35	19.41
Stand	310	19.35	19.41
Stand	300	19.35	19.41
Stand	290	19.35	19.41
Stand	280	19.35	19.41
Stand	270	19.35	19.41
Stand	260	19.35	19.41
Stand	250	19.35	19.41
Stand	240	19.35	19.41
Stand	230	19.35	19.41
Stand	220	19.35	19.41
Stand	210	19.35	19.41
Stand	200	19.35	19.41
Tablet	190	15.01	14.80
Stand	195	19.35	19.41
Tablet	194	15.01	14.80
Tablet	193	15.01	14.80
Tablet	192	15.01	14.80
Tablet	191	15.01	14.80
Tablet	190	15.01	14.80
Tablet	180	15.01	14.80
Tablet	170	15.01	14.80
Tablet	160	15.01	14.80
Tablet	150	15.01	14.80
Tablet	140	15.01	14.80
Tablet	130	15.01	14.80
Notebook	120	19.35	19.41
Tablet	125	15.01	14.80
Notebook	124	19.35	19.41
Notebook	123	19.35	19.41
Notebook	122	19.35	19.41
Notebook	121	19.35	19.41
Notebook	120	19.35	19.41

Device Mode	Angle (°)	Meas. Power (dBm) 5GHz Ch120 Aux (1) Ant.	Meas. Power (dBm) 5GHz Ch120 Main (2) Ant.
Notebook	110	19.35	19.41
Notebook	100	19.35	19.41
Notebook	90	19.35	19.41
Notebook	80	19.35	19.41
Notebook	70	19.35	19.41
Notebook	60	19.35	19.41
Notebook	50	19.35	19.41
Notebook	40	19.35	19.41
Notebook	30	19.35	19.41
Lid close	20	Standby	Standby
Notebook	25	19.35	19.41
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 200° 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.
Tablet	200	15.01	14.80
Tent	210	15.01	14.80
Tent	205	15.01	14.80
Tablet	200	15.01	14.80
Tent	201	15.01	14.80
Tent	202	15.01	14.80
Tent	203	15.01	14.80
Tent	204	15.01	14.80
Tent	205	15.01	14.80
Tent	206	15.01	14.80
Tent	207	15.01	14.80
Tent	208	15.01	14.80
Tent	209	15.01	14.80
Tent	210	15.01	14.80
Tent	220	15.01	14.80
Tent	230	15.01	14.80
Tent	240	15.01	14.80
Tent	250	15.01	14.80
Tent	260	15.01	14.80
Tent	270	15.01	14.80
Tent	280	15.01	14.80
Tent	290	15.01	14.80
Tent	300	15.01	14.80
Tent	310	15.01	14.80
Tent	320	15.01	14.80
Tent	330	15.01	14.80
Tent	340	15.01	14.80
Tablet	350	15.01	14.80
Tablet	345	15.01	14.80
Tent	340	15.01	14.80
Tablet	341	15.01	14.80
Tablet	342	15.01	14.80
Tablet	343	15.01	14.80
Tablet	344	15.01	14.80
Tablet	345	15.01	14.80
Tablet	346	15.01	14.80
Tablet	347	15.01	14.80
Tablet	348	15.01	14.80
Tablet	349	15.01	14.80
Tablet	350	15.01	14.80
Tablet	360	15.01	14.80

The lid is rotating from 360° to 200°. 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	15.01	14.80
Tablet	350	15.01	14.80
Tent	340	15.01	14.80
Tablet	345	15.01	14.80
Tent	340	15.01	14.80
Tablet	349	15.01	14.80
Tablet	348	15.01	14.80
Tablet	347	15.01	14.80
Tablet	346	15.01	14.80
Tablet	345	15.01	14.80
Tablet	344	15.01	14.80
Tablet	343	15.01	14.80
Tablet	342	15.01	14.80
Tablet	341	15.01	14.80
Tent	340	15.01	14.80
Tent	330	15.01	14.80
Tent	320	15.01	14.80
Tent	310	15.01	14.80
Tent	300	15.01	14.80
Tent	290	15.01	14.80
Tent	280	15.01	14.80
Tent	270	15.01	14.80
Tent	260	15.01	14.80
Tent	250	15.01	14.80
Tent	240	15.01	14.80
Tent	230	15.01	14.80
Tent	220	15.01	14.80
Tent	210	15.01	14.80
Tablet	200	15.01	14.80
Tent	205	15.01	14.80
Tent	204	15.01	14.80
Tent	203	15.01	14.80
Tent	202	15.01	14.80
Tent	201	15.01	14.80
Tablet	200	15.01	14.80

B.2.3 LCD direction 90° or 270°

The lid is rotating from 0° to 200°. 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
Book	30	15.01	14.80
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	15.01	14.80
Book	31	15.01	14.80
Book	32	15.01	14.80
Book	33	15.01	14.80
Book	34	15.01	14.80
Book	35	15.01	14.80
Book	40	15.01	14.80
Book	50	15.01	14.80
Book	60	15.01	14.80
Book	70	15.01	14.80
Book	80	15.01	14.80
Book	90	15.01	14.80
Book	100	15.01	14.80
Book	110	15.01	14.80
Book	120	15.01	14.80
Book	130	15.01	14.80
Book	140	15.01	14.80
Book	150	15.01	14.80
Book	160	15.01	14.80
Book	170	15.01	14.80
Book	180	15.01	14.80
Book	190	15.01	14.80
Book	200	15.01	14.80
Tablet	210	15.01	14.80
Book	205	15.01	14.80
Tablet	206	15.01	14.80
Book	207	15.01	14.80
Book	208	15.01	14.80
Tablet	209	15.01	14.80
Tablet	210	15.01	14.80
Tablet	220	15.01	14.80
Tablet	230	15.01	14.80
Tablet	240	15.01	14.80
Tablet	260	15.01	14.80
Tablet	270	15.01	14.80
Tablet	280	15.01	14.80
Tablet	290	15.01	14.80
Tablet	300	15.01	14.80
Tablet	310	15.01	14.80
Tablet	320	15.01	14.80
Tablet	340	15.01	14.80
Tablet	350	15.01	14.80
Tablet	360	15.01	14.80

The lid is rotating from 200° 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	15.01	14.80
Tablet	350	15.01	14.80
Tablet	340	15.01	14.80
Tablet	320	15.01	14.80
Tablet	310	15.01	14.80
Tablet	300	15.01	14.80
Tablet	290	15.01	14.80
Tablet	280	15.01	14.80
Tablet	270	15.01	14.80
Tablet	260	15.01	14.80
Tablet	240	15.01	14.80
Tablet	230	15.01	14.80
Tablet	220	15.01	14.80
Tablet	210	15.01	14.80
Tablet	200	15.01	14.80
Book	190	15.01	14.80
Tablet	195	15.01	14.80
Book	194	15.01	14.80
Book	193	15.01	14.80
Book	192	15.01	14.80
Book	191	15.01	14.80
Book	190	15.01	14.80
Book	180	15.01	14.80
Book	170	15.01	14.80
Book	160	15.01	14.80
Book	150	15.01	14.80
Book	140	15.01	14.80
Book	130	15.01	14.80
Book	120	15.01	14.80
Book	110	15.01	14.80
Book	100	15.01	14.80
Book	90	15.01	14.80
Book	80	15.01	14.80
Book	70	15.01	14.80
Book	60	15.01	14.80
Book	50	15.01	14.80
Book	40	15.01	14.80
Book	30	15.01	14.80
Lid close	20	Standby	Standby
Book	25	15.01	14.80
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

End of the report

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