

TEST REPORT

EUT Description	Convertible PC
Brand Name	HP
Model Name	TPN-C161
FCC ID	PD9AX211NG
IC ID	1000M-AX211NG
Date of Test Start/End	2022-05-31 / 2022-06-15
Features	IEEE 802.11a/b/g/n/ac/ax

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Test Report identification	220311-04.TR03
Revision Control	Rev. 02 This test report replaces any previous versions of this test report (see Section 2)

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2. Document Revision History

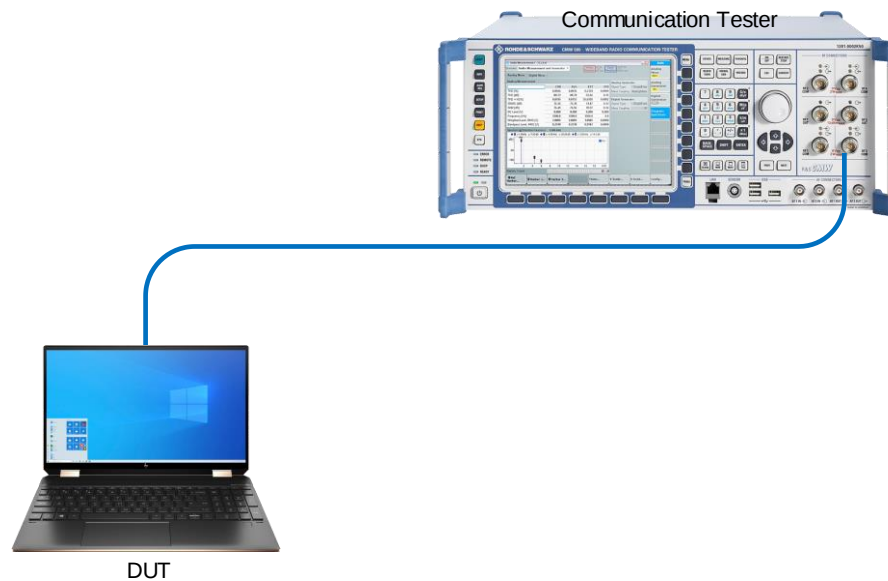
Revision #	Date	Modified by	Revision Details
Rev.00	2022-06-17	Estelle GILLES	First Issue
Rev.01	2022-06-22	Estelle GILLES	IC ID added
Rev.02	2022-06-30	Cheiel IN	Editorial changes Correction of test results

3. Test Setup

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

- The DUT which AX211NGW cellular module is installed inside convertible PC from HP model TPN-C161.
- A control PC is used to configure the Call Box as an access point to manage the uplink and downlink data traffic.
- Uplink signal power is measured with the Call Box.
- Path loss in the power measurement setup from the AX211NGW antenna port to the Call Box.

Figure.1 – Validation using conducted power measurement test setup.



4. Test Sample

Sample	ID #	Description	Model	Serial #	Note
#1	220311-04.S02	Convertible PC	TPN-C161	7330349000019	-

5. 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
144-000	Communication Tester	CMW500	169123	Rohde & Schwartz	2021-05-18	2023-05-18

6. Test Results

6.1. Tx Power Table Summary

Device Mode	Lid Angle	LCD Direction	2.4Ghz-Ch6				5Ghz-Ch120			
			Target Power (dBm)		Measured Power (dBm)		Target Power (dBm)		Measured Power (dBm)	
			Antenna AUX	Antenna MAIN	Antenna AUX	Antenna MAIN	Antenna AUX	Antenna MAIN	Antenna AUX	Antenna MAIN
Lid Close	0° - 29°	-	18.5	18.5	17.8	17.7	16.5	16.5	16.3	16.1
Notebook	30° - 129°	0°	20.5	20.5	19.6	19.5	20.5	20.5	19.8	19.7
Tent	201° - 340°	180°	18.5	18.5	17.8	17.7	16.5	16.5	16.3	16.1
Stand	201° - 340°	0°	20.5	20.5	19.6	19.5	20.5	20.5	19.8	19.7
Tablet	130° - 200°	0°	18.5	18.5	17.8	17.7	16.5	16.5	16.3	16.1
	341° - 360°	-	18.5	18.5	17.8	17.7	16.5	16.5	16.3	16.1
	201° - 340°	90°; 270°	18.5	18.5	17.8	17.7	16.5	16.5	16.3	16.1
Book	30° - 200°	90°; 270°	18.5	18.5	17.8	17.7	16.5	16.5	16.3	16.1

6.2. Trigger lid angle detection and power verification 2.4GHz

6.2.1. LCD direction 0°

The lid is rotating from 0 to 360. The screen is vertical, LCD direction is 0 degree.

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Lid close	0	17.8	17.7
	10	17.8	17.7
	20	17.8	17.7
	25	17.8	17.7
	26	17.8	17.7
	27	17.8	17.7
	28	17.8	17.7
	29	17.8	17.7
Notebook	30	19.6	19.5
	31	19.6	19.5
	32	19.6	19.5
	33	19.6	19.5
	34	19.6	19.5
	35	19.6	19.5
	36	19.6	19.5
	37	19.6	19.5
	38	19.6	19.5
	39	19.6	19.5
	40	19.6	19.5
	50	19.6	19.5
	60	19.6	19.5
	70	19.6	19.5
	80	19.6	19.5
	90	19.6	19.5
	100	19.6	19.5
	110	19.6	19.5
	120	19.6	19.5
	125	19.6	19.5
	126	19.6	19.5
	127	19.6	19.5
	128	19.6	19.5
	129	19.6	19.5
Tablet	130	17.8	17.7
	131	17.8	17.7
	132	17.8	17.7
	133	17.8	17.7
	134	17.8	17.7
	135	17.8	17.7
	140	17.8	17.7
	150	17.8	17.7
	160	17.8	17.7
	170	17.8	17.7
Tablet	180	17.8	17.7
	190	17.8	17.7
	195	17.8	17.7
	196	17.8	17.7
	197	17.8	17.7
	198	17.8	17.7
	199	17.8	17.7
	200	17.8	17.7
	201	19.6	19.5
	202	19.6	19.5
Stand	203	19.6	19.5
	204	19.6	19.5
	205	19.6	19.5
	210	19.6	19.5
	220	19.6	19.5
	230	19.6	19.5
	240	19.6	19.5
	250	19.6	19.5
	260	19.6	19.5
	270	19.6	19.5
	280	19.6	19.5
	290	19.6	19.5
	300	19.6	19.5
	310	19.6	19.5
	320	19.6	19.5
	330	19.6	19.5
	335	19.6	19.5
	336	19.6	19.5
	337	19.6	19.5
	338	19.6	19.5
	339	19.6	19.5
	340	19.6	19.5
Tablet	341	17.8	17.7
	342	17.8	17.7
	343	17.8	17.7
	344	17.8	17.7
	345	17.8	17.7
	350	17.8	17.7
	360	17.8	17.7

The lid is rotating from 360 degrees to 0 degree. The screen is vertical, LCD direction to 0 degree.

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Tablet	360	17.8	17.7
	350	17.8	17.7
	345	17.8	17.7
	344	17.8	17.7
	343	17.8	17.7
	342	17.8	17.7
	341	17.8	17.7
Stand	340	19.6	19.5
	339	19.6	19.5
	338	19.6	19.5
	337	19.6	19.5
	336	19.6	19.5
	335	19.6	19.5
	330	19.6	19.5
	320	19.6	19.5
	320	19.6	19.5
	310	19.6	19.5
	300	19.6	19.5
	290	19.6	19.5
	280	19.6	19.5
	270	19.6	19.5
	260	19.6	19.5
	250	19.6	19.5
	240	19.6	19.5
	230	19.6	19.5
	220	19.6	19.5
	210	19.6	19.5
	205	19.6	19.5
	204	19.6	19.5
	203	19.6	19.5
	202	19.6	19.5
	201	19.6	19.5
Tablet	200	17.8	17.7
	199	17.8	17.7
	198	17.8	17.7
	197	17.8	17.7
	196	17.8	17.7
	195	17.8	17.7
	190	17.8	17.7
	180	17.8	17.7

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Tablet	170	17.8	17.7
	160	17.8	17.7
	150	17.8	17.7
	140	17.8	17.7
	135	17.8	17.7
	134	17.8	17.7
	133	17.8	17.7
	132	17.8	17.7
	131	17.8	17.7
	130	17.8	17.7
	129	19.6	19.5
Notebook	128	19.6	19.5
	127	19.6	19.5
	126	19.6	19.5
	125	19.6	19.5
	120	19.6	19.5
	110	19.6	19.5
	100	19.6	19.5
	90	19.6	19.5
	80	19.6	19.5
	70	19.6	19.5
	60	19.6	19.5
	50	19.6	19.5
	40	19.6	19.5
	35	19.6	19.5
	34	19.6	19.5
	33	19.6	19.5
	32	19.6	19.5
	31	19.6	19.5
	30	19.6	19.5
Lid close	29	17.8	17.7
	28	17.8	17.7
	27	17.8	17.7
	26	17.8	17.7
	25	17.8	17.7
	20	17.8	17.7
	10	17.8	17.7
	0	17.8	17.7

6.2.2. LCD direction 90/270°

The lid is rotating from 0 to 360 degrees. The screen is vertical, LCD direction to 90 degrees.

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Lid close	0	17.8	17.7
	10	17.8	17.7
	20	17.8	17.7
	25	17.8	17.7
	26	17.8	17.7
	27	17.8	17.7
	28	17.8	17.7
	29	17.8	17.7
Book	30	17.8	17.7
	31	17.8	17.7
	32	17.8	17.7
	33	17.8	17.7
	34	17.8	17.7
	35	17.8	17.7
	40	17.8	17.7
	50	17.8	17.7
	60	17.8	17.7
	70	17.8	17.7
	80	17.8	17.7
	90	17.8	17.7
	100	17.8	17.7
	110	17.8	17.7
	120	17.8	17.7
	130	17.8	17.7
	140	17.8	17.7
	150	17.8	17.7
	160	17.8	17.7
	170	17.8	17.7
	180	17.8	17.7

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Book	190	17.8	17.7
	195	17.8	17.7
	196	17.8	17.7
	197	17.8	17.7
	198	17.8	17.7
	199	17.8	17.7
	200	17.8	17.7
	201	17.8	17.7
Tablet	202	17.8	17.7
	203	17.8	17.7
	204	17.8	17.7
	205	17.8	17.7
	210	17.8	17.7
	230	17.8	17.7
	240	17.8	17.7
	250	17.8	17.7
	260	17.8	17.7
	270	17.8	17.7
	280	17.8	17.7
	290	17.8	17.7
	300	17.8	17.7
	310	17.8	17.7
	320	17.8	17.7
	330	17.8	17.7
	340	17.8	17.7
	341	17.8	17.7
	342	17.8	17.7
	343	17.8	17.7
	344	17.8	17.7
	345	17.8	17.7
	346	17.8	17.7
	347	17.8	17.7
	348	17.8	17.7
	349	17.8	17.7
	350	17.8	17.7
	360	17.8	17.7

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

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Tablet	360	17.8	17.7
	350	17.8	17.7
	340	17.8	17.7
	330	17.8	17.7
	320	17.8	17.7
	310	17.8	17.7
	300	17.8	17.7
	290	17.8	17.7
	280	17.8	17.7
	270	17.8	17.7
	260	17.8	17.7
	250	17.8	17.7
	240	17.8	17.7
	230	17.8	17.7
	220	17.8	17.7
	210	17.8	17.7
	205	17.8	17.7
	204	17.8	17.7
	203	17.8	17.7
	202	17.8	17.7
	201	17.8	17.7
Book	200	17.8	17.7
	199	17.8	17.7
	198	17.8	17.7
	197	17.8	17.7
	196	17.8	17.7
	195	17.8	17.7
	190	17.8	17.7
	180	17.8	17.7

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Book	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
	120	17.8	17.7
	110	17.8	17.7
	100	17.8	17.7
	90	17.8	17.7
	80	17.8	17.7
	70	17.8	17.7
	60	17.8	17.7
	50	17.8	17.7
	40	17.8	17.7
	35	17.8	17.7
	34	17.8	17.7
	33	17.8	17.7
	32	17.8	17.7
	31	17.8	17.7
	30	17.8	17.7
Lid close	29	17.8	17.7
	28	17.8	17.7
	27	17.8	17.7
	26	17.8	17.7
	25	17.8	17.7
	20	17.8	17.7
	19	17.8	17.7
	18	17.8	17.7
	17	17.8	17.7
	10	17.8	17.7
	0	17.8	17.7

6.2.3. LCD direction 180°

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

Note: The LCD direction switch to 0 degrees for low angle.

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Tablet	360	17.8	17.7
	350	17.8	17.7
	345	17.8	17.7
	344	17.8	17.7
	343	17.8	17.7
	342	17.8	17.7
	341	17.8	17.7
Tent	340	17.8	17.7
	339	17.8	17.7
	338	17.8	17.7
	337	17.8	17.7
	336	17.8	17.7
	335	17.8	17.7
	330	17.8	17.7
	320	17.8	17.7
	310	17.8	17.7
	300	17.8	17.7
	280	17.8	17.7
	270	17.8	17.7
	260	17.8	17.7
	240	17.8	17.7
	220	17.8	17.7
	210	17.8	17.7
	205	17.8	17.7
	204	17.8	17.7
	203	17.8	17.7
	202	17.8	17.7
	201	17.8	17.7
Tablet (LCD direction is 0 degree)	200	17.8	17.7
	199	17.8	17.7
	198	17.8	17.7
	197	17.8	17.7
	196	17.8	17.7
	195	17.8	17.7
	190	17.8	17.7
	180	17.8	17.7
	170	17.8	17.7

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

Note: The LCD direction switch to 0 degrees for low angle.

Mode	Angle (degrees)	Power measured 2.4Ghz-Ch6 (dBm)	
		AUX	MAIN
Tablet (LCD direction is 0 degree)	170	17.8	17.7
	180	17.8	17.7
	190	17.8	17.7
	195	17.8	17.7
	196	17.8	17.7
	197	17.8	17.7
	198	17.8	17.7
	199	17.8	17.7
	200	17.8	17.7
Tent	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
	210	17.8	17.7
	220	17.8	17.7
	230	17.8	17.7
	240	17.8	17.7
	250	17.8	17.7
	260	17.8	17.7
	270	17.8	17.7
	280	17.8	17.7
	290	17.8	17.7
	300	17.8	17.7
	310	17.8	17.7
	320	17.8	17.7
	330	17.8	17.7
	335	17.8	17.7
	336	17.8	17.7
	337	17.8	17.7
	338	17.8	17.7
	339	17.8	17.7
	340	17.8	17.7
Tablet	341	17.8	17.7
	342	17.8	17.7
	343	17.8	17.7
	344	17.8	17.7
	345	17.8	17.7
	350	17.8	17.7
	360	17.8	17.7

6.3. Trigger lid angle detection and power verification 5Ghz

6.3.1. LCD direction 0°

The lid is rotating from 0 to 360. The screen is vertical, LCD direction is 0 degree.

Mode	Angle (degrees)	Power measured 5Ghz-Ch120 (dBm)	
		AUX	MAIN
Lid close	0	16.3	16.1
	10	16.3	16.1
	20	16.3	16.1
	25	16.3	16.1
	26	16.3	16.1
	27	16.3	16.1
	28	16.3	16.1
	29	16.3	16.1
Notebook	30	19.8	19.7
	31	19.8	19.7
	32	19.8	19.7
	33	19.8	19.7
	34	19.8	19.7
	35	19.8	19.7
	36	19.8	19.7
	37	19.8	19.7
	38	19.8	19.7
	39	19.8	19.7
	40	19.8	19.7
	50	19.8	19.7
	60	19.8	19.7
	70	19.8	19.7
	80	19.8	19.7
	90	19.8	19.7
	100	19.8	19.7
	110	19.8	19.7
	120	19.8	19.7
	125	19.8	19.7
	126	19.8	19.7
	127	19.8	19.7
	128	19.8	19.7
	129	19.8	19.7
Tablet	130	16.3	16.1
	131	16.3	16.1
	132	16.3	16.1
	133	16.3	16.1
	134	16.3	16.1
	135	16.3	16.1
	140	16.3	16.1
	150	16.3	16.1
	160	16.3	16.1
	170	16.3	16.1
Tablet	180	16.3	16.1
	190	16.3	16.1
	195	16.3	16.1
	196	16.3	16.1
	197	16.3	16.1
	198	16.3	16.1
	199	16.3	16.1
	200	16.3	16.1
	201	19.8	19.7
	202	19.8	19.7
	203	19.8	19.7
	204	19.8	19.7
Stand	205	19.8	19.7
	210	19.8	19.7
	220	19.8	19.7
	230	19.8	19.7
	240	19.8	19.7
	250	19.8	19.7
	260	19.8	19.7
	270	19.8	19.7
	280	19.8	19.7
	290	19.8	19.7
	300	19.8	19.7
	310	19.8	19.7
	320	19.8	19.7
	330	19.8	19.7
	335	19.8	19.7
	336	19.8	19.7
	337	19.8	19.7
	338	19.8	19.7
	339	19.8	19.7
	340	19.8	19.7
Tablet	341	16.3	16.1
	342	16.3	16.1
	343	16.3	16.1
	344	16.3	16.1
	345	16.3	16.1
	350	16.3	16.1
	360	16.3	16.1

The lid is rotating from 360 degrees to 0 degree. The screen is vertical, LCD direction to 0 degree.

Mode	Angle (degrees)	Power measured 5Ghz-Ch120 (dBm)	
		AUX	MAIN
Tablet	360	16.3	16.1
	350	16.3	16.1
	345	16.3	16.1
	344	16.3	16.1
	343	16.3	16.1
	342	16.3	16.1
	341	16.3	16.1
Stand	340	19.8	19.7
	339	19.8	19.7
	338	19.8	19.7
	337	19.8	19.7
	336	19.8	19.7
	335	19.8	19.7
	330	19.8	19.7
	320	19.8	19.7
	320	19.8	19.7
	310	19.8	19.7
	300	19.8	19.7
	290	19.8	19.7
	280	19.8	19.7
	270	19.8	19.7
	260	19.8	19.7
	250	19.8	19.7
	240	19.8	19.7
	230	19.8	19.7
	220	19.8	19.7
	210	19.8	19.7
	205	19.8	19.7
	204	19.8	19.7
	203	19.8	19.7
	202	19.8	19.7
	201	19.8	19.7
Tablet	200	16.3	16.1
	199	16.3	16.1
	198	16.3	16.1
	197	16.3	16.1
	196	16.3	16.1
	195	16.3	16.1
	190	16.3	16.1
	180	16.3	16.1
Tablet	170	16.3	16.1
	160	16.3	16.1
	150	16.3	16.1
	140	16.3	16.1
	135	16.3	16.1
	134	16.3	16.1
	133	16.3	16.1
	132	16.3	16.1
	131	16.3	16.1
	130	16.3	16.1
Notebook	129	19.8	19.7
	128	19.8	19.7
	127	19.8	19.7
	126	19.8	19.7
	125	19.8	19.7
	120	19.8	19.7
	110	19.8	19.7
	100	19.8	19.7
	90	19.8	19.7
	80	19.8	19.7
	70	19.8	19.7
	60	19.8	19.7
	50	19.8	19.7
	40	19.8	19.7
	35	19.8	19.7
	34	19.8	19.7
	33	19.8	19.7
	32	19.8	19.7
	31	19.8	19.7
	30	19.8	19.7
Lid close	29	16.3	16.1
	28	16.3	16.1
	27	16.3	16.1
	26	16.3	16.1
	25	16.3	16.1
	20	16.3	16.1
	10	16.3	16.1
	0	16.3	16.1

6.3.1. LCD direction 90/270°

The lid is rotating from 0 to 360 degrees. The screen is vertical, LCD direction to 90 degrees.

Mode	Angle (degrees)	Power measured 5Ghz-Ch120 (dBm)	
		AUX	MAIN
Lid close	0	16.3	16.1
	10	16.3	16.1
	20	16.3	16.1
	25	16.3	16.1
	26	16.3	16.1
	27	16.3	16.1
	28	16.3	16.1
	29	16.3	16.1
Book	30	16.3	16.1
	31	16.3	16.1
	32	16.3	16.1
	33	16.3	16.1
	34	16.3	16.1
	35	16.3	16.1
	40	16.3	16.1
	50	16.3	16.1
	60	16.3	16.1
	70	16.3	16.1
	80	16.3	16.1
	90	16.3	16.1
	100	16.3	16.1
	110	16.3	16.1
	120	16.3	16.1
	130	16.3	16.1
	140	16.3	16.1
	150	16.3	16.1
	160	16.3	16.1
	170	16.3	16.1
	180	16.3	16.1

Mode	Angle (degrees)	Power measured 5Ghz-Ch120 (dBm)	
		AUX	MAIN
Book	190	16.3	16.1
	195	16.3	16.1
	196	16.3	16.1
	197	16.3	16.1
	198	16.3	16.1
	199	16.3	16.1
	200	16.3	16.1
	201	16.3	16.1
Tablet	202	16.3	16.1
	203	16.3	16.1
	204	16.3	16.1
	205	16.3	16.1
	210	16.3	16.1
	230	16.3	16.1
	240	16.3	16.1
	250	16.3	16.1
	260	16.3	16.1
	270	16.3	16.1
	280	16.3	16.1
	290	16.3	16.1
	300	16.3	16.1
	310	16.3	16.1
	320	16.3	16.1
	330	16.3	16.1
	340	16.3	16.1
	341	16.3	16.1
	342	16.3	16.1
	343	16.3	16.1
	344	16.3	16.1
	345	16.3	16.1
	346	16.3	16.1
	347	16.3	16.1
	348	16.3	16.1
	349	16.3	16.1
	350	16.3	16.1
	360	16.3	16.1

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

Mode	Angle (degrees)	Power measured 5Ghz-Ch120 (dBm)	
		AUX	MAIN
Tablet	360	16.3	16.1
	350	16.3	16.1
	340	16.3	16.1
	330	16.3	16.1
	320	16.3	16.1
	310	16.3	16.1
	300	16.3	16.1
	290	16.3	16.1
	280	16.3	16.1
	270	16.3	16.1
	260	16.3	16.1
	250	16.3	16.1
	240	16.3	16.1
	230	16.3	16.1
	220	16.3	16.1
	210	16.3	16.1
	205	16.3	16.1
	204	16.3	16.1
	203	16.3	16.1
	202	16.3	16.1
	201	16.3	16.1
Book	200	16.3	16.1
	199	16.3	16.1
	198	16.3	16.1
	197	16.3	16.1
	196	16.3	16.1
	195	16.3	16.1
	190	16.3	16.1
	180	16.3	16.1

Mode	Angle (degrees)	Power measured 5Ghz-Ch120 (dBm)	
		AUX	MAIN
Book	170	16.3	16.1
	160	16.3	16.1
	150	16.3	16.1
	140	16.3	16.1
	130	16.3	16.1
	120	16.3	16.1
	110	16.3	16.1
	100	16.3	16.1
	90	16.3	16.1
	80	16.3	16.1
	70	16.3	16.1
	60	16.3	16.1
	50	16.3	16.1
	40	16.3	16.1
	35	16.3	16.1
	34	16.3	16.1
	33	16.3	16.1
	32	16.3	16.1
	31	16.3	16.1
	30	16.3	16.1
Lid close	29	16.3	16.1
	28	16.3	16.1
	27	16.3	16.1
	26	16.3	16.1
	25	16.3	16.1
	20	16.3	16.1
	10	16.3	16.1
	0	16.3	16.1

6.3.1. LCD direction 180°

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

Note: The LCD direction switch to 0 degrees for low angle.

Mode	Angle (degrees)	Power measured 5Ghz-Ch120 (dBm)	
		AUX	MAIN
Tablet	360	16.3	16.1
	350	16.3	16.1
	345	16.3	16.1
	344	16.3	16.1
	343	16.3	16.1
	342	16.3	16.1
	341	16.3	16.1
Tent	340	16.3	16.1
	339	16.3	16.1
	338	16.3	16.1
	337	16.3	16.1
	336	16.3	16.1
	335	16.3	16.1
	330	16.3	16.1
	320	16.3	16.1
	310	16.3	16.1
	300	16.3	16.1
	280	16.3	16.1
	270	16.3	16.1
	260	16.3	16.1
	240	16.3	16.1
	220	16.3	16.1
	210	16.3	16.1
	205	16.3	16.1
	204	16.3	16.1
	203	16.3	16.1
	202	16.3	16.1
	201	16.3	16.1
Tablet (LCD direction is 0 degree)	200	16.3	16.1
	199	16.3	16.1
	198	16.3	16.1
	197	16.3	16.1
	196	16.3	16.1
	195	16.3	16.1
	190	16.3	16.1
	180	16.3	16.1
	170	16.3	16.1

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

Note: The LCD direction switch to 0 degrees for low angle.

Mode	Angle (degrees)	Power measured 5Ghz-Ch120 (dBm)	
		AUX	MAIN
Tablet (LCD direction is 0 degree)	170	16.3	16.1
	180	16.3	16.1
	190	16.3	16.1
	195	16.3	16.1
	196	16.3	16.1
	197	16.3	16.1
	198	16.3	16.1
	199	16.3	16.1
	200	16.3	16.1
Tent	201	16.3	16.1
	202	16.3	16.1
	203	16.3	16.1
	204	16.3	16.1
	205	16.3	16.1
	210	16.3	16.1
	220	16.3	16.1
	230	16.3	16.1
	240	16.3	16.1
	250	16.3	16.1
	260	16.3	16.1
	270	16.3	16.1
	280	16.3	16.1
	290	16.3	16.1
	300	16.3	16.1
	310	16.3	16.1
	320	16.3	16.1
	330	16.3	16.1
	335	16.3	16.1
	336	16.3	16.1
	337	16.3	16.1
	338	16.3	16.1
	339	16.3	16.1
	340	16.3	16.1
Tablet	341	16.3	16.1
	342	16.3	16.1
	343	16.3	16.1
	344	16.3	16.1
	345	16.3	16.1
	350	16.3	16.1
	360	16.3	16.1