

# Power Verification Report

**FCC ID** : B94HNI55CPT  
**Equipment** : Notebook Computer  
**Brand Name** : HP  
**Model Name** : HSN-I55C  
**Applicant** : HP Inc.  
1501 Page Mill Road, Palo Alto CA 94304 USA

The product was received on Jun. 15, 2022 and testing was started from Jun. 15, 2022 and completed on Jun. 17, 2022. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample provide by manufacturer and the test data has been evaluated in accordance with the test procedures given in 201911 TCB workshop.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Laboratory, the test report shall not be reproduced except in full.



Approved by: Cona Huang / Deputy Manager



**Sporton International Inc. EMC & Wireless Communications Laboratory**  
No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan



### **1. Equipment Under Test (EUT) Information**

<b>Product Feature &amp; Specification</b>	
<b>Equipment Name</b>	Notebook Computer
<b>Brand Name</b>	HP
<b>Model Name</b>	HSN-I55C
<b>Integrated WWAN Module</b>	Brand Name: Fibocom Model Name: L860-GL-16 Support wireless: UMTS B2/4/5 LTE B2/4/5/7/12/13/14/17/25/26/30/38/41/48/66

### **2. Guidance Applied**

The testing specification, method, and procedure for this device is in accordance with the following standards:

- 201911 TCBC workshop

### **3. Sensor Triggering angle and power verification**

**General Note:**

1. The following guidance should be applied to laptops/tablets that use Hall Effect or gravity sensors to detect lid angle for the purpose of power reduction:

- Step 1: With the lid is in closed mode (0 degrees), open the screen in 10 degree steps until laptop mode is obtained
- Step 2: Lower the screen 5 degrees. Closed mode should be reobtained. If not keep lowering in 5 degree steps
- Step 3: Open the screen in 1 degree steps until laptop mode is reobtained
- Step 4: Continue opening the screen in 1 degree steps until at least 5 degrees past where laptop mode was obtained
- Step 5: Then continue opening the screen in 10 degree steps until tablet mode is obtained
- Step 6: Power measurements should be taken at each step
- Step 7: Reverse this procedure going from tablet mode back down to closed mode



**Fibocom 7560R+ power verification as following:**

Device mode from Lid close to Tablet																						
Lid angle (degree) v.s. power	Display Flip	Wireless			WWAN																	
		Display mode	Device mode	Lid angle	Power table	WCDMA II	WCDMA IV	WCDMA V	LTE Band 2	LTE Band 4	LTE Band 7	LTE Band 12	LTE Band 13	LTE Band 14	LTE Band 17	LTE Band 25	LTE Band 26	LTE Band 30	LTE Band 38	LTE Band 41	LTE Band 46	LTE Band 66
Lid angle (degree) v.s. power	Lid Closed	Tablet power	0	16.99	16.20	23.08	16.54	15.88	14.12	19.72	21.97	21.96	20.69	16.75	22.88	13.52	18.69	14.13	12.28	15.58		
			10	16.98	16.23	23.13	16.46	15.81	14.11	19.74	21.99	21.90	20.66	16.71	22.83	13.60	18.78	14.16	12.24	15.63		
			15	16.96	16.29	23.08	16.46	15.85	14.18	19.80	21.90	21.96	20.65	16.76	22.83	13.55	18.78	14.20	12.28	15.62		
			16	16.99	16.26	23.12	16.52	15.83	14.18	19.80	21.96	21.95	20.65	16.79	22.85	13.58	18.71	14.16	12.23	15.64		
			17	17.02	16.28	23.09	16.45	15.83	14.15	19.75	21.98	21.94	20.72	16.70	22.89	13.50	18.73	14.18	12.23	15.56		
			18	17.00	16.25	23.07	16.54	15.85	14.16	19.78	22.00	21.89	20.72	16.73	22.83	13.56	18.69	14.16	12.26	15.62		
			19	16.97	16.26	23.09	16.46	15.84	14.15	19.74	21.90	21.86	20.70	16.72	22.91	13.52	18.74	14.17	12.23	15.63		
			Laptop	Notebook power	20	19.03	19.89	23.54	19.31	17.68	18.81	24.12	23.81	23.74	24.14	19.32	23.75	20.33	21.84	19.18	15.66	16.55
					21	19.01	19.83	23.50	19.28	17.71	18.85	24.20	23.76	23.72	24.08	19.35	23.80	20.31	21.77	19.17	15.62	16.57
					22	18.96	19.85	23.59	19.28	17.64	18.86	24.11	23.81	23.77	24.13	19.31	23.75	20.39	21.78	19.14	15.67	16.54
					23	19.01	19.87	23.53	19.25	17.69	18.81	24.19	23.74	23.69	24.08	19.40	23.74	20.31	21.81	19.11	15.70	16.53
					24	19.02	19.84	23.52	19.25	17.65	18.82	24.13	23.80	23.69	24.11	19.33	23.84	20.33	21.77	19.19	15.63	16.52
					25	18.97	19.84	23.52	19.28	17.68	18.87	24.15	23.73	23.70	24.10	19.37	23.80	20.31	21.77	19.13	15.61	16.56
					35	18.99	19.85	23.55	19.29	17.70	18.82	24.11	23.78	23.78	24.09	19.33	23.76	20.34	21.83	19.13	15.65	16.59
					45	18.93	19.80	23.51	19.32	17.69	18.80	24.19	23.78	23.73	24.15	19.31	23.75	20.38	21.75	19.16	15.65	16.60
					55	18.97	19.83	23.58	19.32	17.64	18.86	24.13	23.75	23.70	24.16	19.38	23.77	20.30	21.85	19.14	15.70	16.61
					65	18.98	19.83	23.59	19.25	17.68	18.90	24.14	23.82	23.71	24.17	19.35	23.80	20.34	21.85	19.18	15.69	16.61
					75	19.02	19.87	23.55	19.26	17.70	18.85	24.17	23.81	23.75	24.17	19.34	23.74	20.35	21.78	19.20	15.67	16.62
					85	18.97	19.82	23.56	19.30	17.65	18.82	24.12	23.79	23.74	24.12	19.31	23.80	20.37	21.78	19.15	15.65	16.60
					95	19.01	19.86	23.55	19.31	17.70	18.87	24.11	23.77	23.78	24.13	19.31	23.74	20.34	21.76	19.20	15.65	16.62
	105	19.00			19.80	23.52	19.28	17.61	18.86	24.10	23.81	23.74	24.08	19.30	23.82	20.32	21.80	19.16	15.68	16.55		
	115	19.03			19.81	23.53	19.31	17.67	18.88	24.19	23.83	23.73	24.14	19.39	23.75	20.30	21.80	19.14	15.66	16.56		
	125	18.94			19.90	23.51	19.29	17.62	18.82	24.16	23.80	23.72	24.10	19.35	23.78	20.39	21.85	19.16	15.64	16.55		
	135	18.99			19.81	23.58	19.25	17.71	18.86	24.10	23.73	23.74	24.07	19.35	23.83	20.33	21.77	19.15	15.67	16.54		
	136	18.94			19.89	23.57	19.30	17.67	18.81	24.19	23.76	23.78	24.14	19.35	23.77	20.30	21.81	19.10	15.64	16.54		
	137	18.96			19.86	23.54	19.33	17.68	18.88	24.10	23.82	23.76	24.08	19.35	23.79	20.38	21.79	19.14	15.66	16.54		
	138	18.93			19.85	23.50	19.30	17.64	18.85	24.16	23.77	23.68	24.16	19.36	23.84	20.35	21.84	19.19	15.60	16.54		
	139	19.01	19.85	23.53	19.31	17.61	18.84	24.18	23.83	23.77	24.15	19.31	23.76	20.31	21.75	19.14	15.60	16.54				
	140	18.98	19.84	23.55	19.32	17.62	18.82	24.11	23.74	23.78	24.13	19.34	23.83	20.33	21.83	19.14	15.63	16.52				
	Laptop	Notebook power	140	18.99	19.86	23.53	19.31	17.65	18.83	24.13	23.77	23.72	24.14	19.39	23.83	20.34	21.82	19.20	15.60	16.57		
			139	19.01	19.82	23.51	19.29	17.68	18.87	24.14	23.73	23.78	24.13	19.32	23.80	20.32	21.75	19.10	15.70	16.62		
			138	18.99	19.83	23.58	19.28	17.64	18.82	24.16	23.79	23.77	24.17	19.34	23.76	20.32	21.78	19.12	15.68	16.58		
			137	18.93	19.81	23.51	19.25	17.67	18.80	24.18	23.77	23.70	24.10	19.35	23.79	20.31	21.76	19.17	15.65	16.54		
			136	18.99	19.90	23.60	19.25	17.64	18.89	24.11	23.79	23.74	24.07	19.35	23.79	20.37	21.81	19.12	15.64	16.54		
			135	18.96	19.90	23.50	19.30	17.68	18.81	24.12	23.76	23.76	24.13	19.34	23.77	20.37	21.83	19.14	15.67	16.61		
			125	18.96	19.90	23.57	19.28	17.71	18.87	24.17	23.80	23.71	24.09	19.36	23.74	20.32	21.77	19.11	15.68	16.57		
			115	18.93	19.80	23.50	19.27	17.69	18.84	24.18	23.80	23.72	24.16	19.31	23.82	20.31	21.84	19.13	15.66	16.57		
			105	18.98	19.87	23.60	19.32	17.69	18.90	24.12	23.77	23.72	24.10	19.35	23.80	20.35	21.76	19.14	15.67	16.61		
			95	19.00	19.84	23.57	19.30	17.71	18.85	24.10	23.77	23.76	24.14	19.39	23.84	20.38	21.76	19.10	15.60	16.55		
			85	18.99	19.84	23.50	19.32	17.66	18.82	24.17	23.83	23.75	24.13	19.30	23.80	20.32	21.78	19.20	15.67	16.60		
75			18.95	19.87	23.58	19.31	17.61	18.84	24.14	23.81	23.76	24.15	19.34	23.81	20.31	21.83	19.17	15.64	16.62			
65			19.01	19.87	23.56	19.26	17.62	18.90	24.19	23.81	23.68	24.09	19.34	23.81	20.31	21.83	19.17	15.66	16.61			
55			18.97	19.88	23.56	19.35	17.67	18.87	24.14	23.78	23.72	24.09	19.33	23.81	20.30	21.81	19.10	15.60	16.60			
45			19.03	19.84	23.58	19.32	17.62	18.85	24.18	23.75	23.76	24.17	19.35	23.82	20.33	21.84	19.16	15.69	16.54			
35			19.02	19.83	23.56	19.27	17.64	18.86	24.15	23.80	23.70	24.15	19.35	23.81	20.38	21.79	19.19	15.62	16.58			
25			18.99	19.81	23.55	19.32	17.67	18.80	24.18	23.77	23.73	24.09	19.30	23.76	20.30	21.85	19.20	15.67	16.62			
24			18.96	19.90	23.59	19.28	17.68	18.84	24.16	23.73	23.78	24.10	19.34	23.83	20.30	21.80	19.16	15.65	16.59			
23			18.95	19.88	23.52	19.32	17.70	18.80	24.16	23.83	23.70	24.10	19.40	23.81	20.34	21.77	19.18	15.67	16.53			
22			18.98	19.86	23.59	19.26	17.62	18.90	24.10	23.80	23.73	24.13	19.30	23.81	20.37	21.76	19.20	15.65	16.57			
21	19.02	19.86	23.50	19.32	17.68	18.88	24.16	23.77	23.72	24.12	19.35	23.82	20.34	21.78	19.11	15.63	16.59					
20	18.97	19.86	23.57	19.28	17.71	18.83	24.16	23.75	23.71	24.09	19.36	23.75	20.38	21.80	19.20	15.64	16.55					
Lid Closed	Tablet power	19	16.95	16.25	23.06	16.53	15.82	14.11	19.75	21.97	21.90	20.73	16.79	22.84	13.58	18.77	14.10	12.29	15.59			
		18	16.98	16.25	23.15	16.50	15.84	14.12	19.75	21.98	21.92	20.69	16.78	22.81	13.53	18.79	14.19	12.26	15.57			
		17	16.99	16.27	23.10	16.50	15.84	14.20	19.78	21.99	21.92	20.68	16.77	22.90	13.51	18.78	14.13	12.23	15.59			
		16	16.95	16.28	23.13	16.55	15.85	14.17	19.71	21.98	21.90	20.69	16.80	22.91	13.59	18.75	14.20	12.28	15.56			
		15	17.00	16.26	23.07	16.52	15.79	14.13	19.77	21.91	21.96	20.70	16.76	22.81	13.56	18.70	14.16	12.24	15.66			
		10	17.01	16.21	23.05	16.50	15.84	14.14	19.76	22.00	21.95	20.70	16.70	22.87	13.52	18.71	14.10	12.29	15.61			
0	16.95	16.28	23.11	16.52	15.80	14.13	19.75	21.94	21.89	20.68	16.73	22.89	13.59	18.74	14.11	12.23	15.					



# Power Verification Report

Report No. : FA261632-01

Media/Movie	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	
Presentation	90	Notebook power	19.00	19.90	23.55	19.30	17.66	18.89	24.15	23.78	23.73	24.12	19.35	23.79	20.31	21.80	19.19	15.61	16.57	
	90	Notebook power	18.95	19.84	23.50	19.30	17.62	18.84	24.17	23.80	23.72	24.16	19.34	23.83	20.39	21.81	19.15	15.70	16.59	
	89	Notebook power	18.95	19.80	23.54	19.29	17.67	18.83	24.15	23.79	23.73	24.12	19.32	23.74	20.30	21.80	19.20	15.66	16.55	
	88	Notebook power	18.95	19.85	23.60	19.27	17.66	18.81	24.10	23.82	23.69	24.14	19.34	23.75	20.39	21.84	19.14	15.70	16.53	
	87	Notebook power	18.94	19.83	23.59	19.30	17.65	18.82	24.13	23.75	23.69	24.15	19.30	23.83	20.30	21.76	19.10	15.70	16.61	
	86	Notebook power	18.94	19.81	23.59	19.27	17.66	18.80	24.17	23.75	23.74	24.11	19.32	23.82	20.38	21.84	19.11	15.61	16.61	
	85	Notebook power	19.04	19.81	23.55	19.28	17.68	18.90	24.15	23.80	23.76	24.12	19.36	23.76	20.33	21.82	19.13	15.63	16.56	
	75	Notebook power	18.96	19.81	23.52	19.30	17.71	18.81	24.17	23.78	23.76	24.10	19.33	23.80	20.35	21.81	19.18	15.62	16.60	
	65	Notebook power	19.02	19.89	23.59	19.33	17.64	18.90	24.11	23.80	23.75	24.17	19.33	23.78	20.36	21.76	19.16	15.64	16.57	
	55	Notebook power	19.03	19.81	23.51	19.25	17.65	18.82	24.12	23.83	23.68	24.15	19.36	23.76	20.37	21.75	19.18	15.62	16.62	
	45	Notebook power	18.94	19.85	23.51	19.29	17.69	18.83	24.12	23.77	23.77	24.09	19.32	23.75	20.34	21.81	19.19	15.62	16.58	
	35	Notebook power	18.97	19.87	23.51	19.35	17.71	18.87	24.18	23.76	23.70	24.15	19.34	23.76	20.35	21.80	19.14	15.61	16.54	
	25	Notebook power	19.02	19.85	23.52	19.35	17.67	18.80	24.19	23.76	23.70	24.10	19.36	23.77	20.33	21.78	19.17	15.70	16.62	
	24	Notebook power	19.00	19.87	23.52	19.28	17.62	18.87	24.17	23.75	23.76	24.09	19.35	23.78	20.31	21.78	19.17	15.65	16.56	
	23	Notebook power	18.95	19.87	23.60	19.34	17.63	18.80	24.10	23.76	23.75	24.07	19.37	23.76	20.36	21.77	19.18	15.70	16.57	
	22	Notebook power	19.04	19.83	23.52	19.32	17.62	18.94	24.14	23.83	23.73	24.15	19.38	23.80	20.39	21.76	19.12	15.63	16.59	
	21	Notebook power	18.96	19.88	23.60	19.30	17.63	18.86	24.14	23.73	23.73	24.09	19.37	23.84	20.33	21.75	19.20	15.61	16.52	
	20	Notebook power	18.97	19.90	23.52	19.29	17.68	18.90	24.17	23.79	23.74	24.08	19.33	23.81	20.39	21.81	19.13	15.63	16.60	
	Tablet	19	Tablet power	17.04	16.27	23.15	16.55	15.88	14.18	19.72	21.91	21.91	20.71	16.72	22.87	13.58	18.78	14.15	12.20	15.58
		18	Tablet power	17.05	16.27	23.06	16.63	15.85	14.16	19.80	22.00	21.94	20.69	16.70	22.89	13.57	18.78	14.19	12.22	15.58
17		Tablet power	16.99	16.22	23.13	16.59	15.84	14.19	19.80	22.00	21.89	20.73	16.79	22.91	13.58	18.76	14.10	12.23	15.58	
16		Tablet power	17.03	16.26	23.10	16.55	15.88	14.10	19.76	21.95	21.89	20.65	16.78	22.85	13.58	18.77	14.19	12.26	15.57	
15		Tablet power	17.02	16.21	23.11	16.61	15.87	14.10	19.78	21.95	21.90	20.66	16.70	22.89	13.59	18.69	14.18	12.24	15.61	
10		Tablet power	16.95	16.30	23.07	16.62	15.87	14.19	19.70	21.94	21.88	20.73	16.72	22.90	13.51	18.75	14.18	12.30	15.64	
0		Tablet power	16.95	16.21	23.12	16.62	15.83	14.13	19.77	21.96	21.89	20.69	16.73	22.90	13.54	18.76	14.16	12.24	15.58	
0		Tablet power	16.97	16.29	23.14	16.64	15.81	14.10	19.78	21.99	21.92	20.67	16.74	22.87	13.51	18.72	14.19	12.24	15.60	
10		Tablet power	16.98	16.27	23.11	16.56	15.86	14.18	19.75	22.00	21.95	20.74	16.77	22.91	13.52	18.78	14.13	12.28	15.61	
15		Tablet power	16.99	16.22	23.15	16.60	15.81	14.11	19.73	21.91	21.87	20.72	16.73	22.85	13.50	18.75	14.17	12.24	15.59	
Tablet	16	Tablet power	16.96	16.20	23.09	16.57	15.84	14.17	19.72	21.90	21.88	20.74	16.78	22.88	13.60	18.73	14.20	12.27	15.61	
	17	Tablet power	17.02	16.21	23.06	16.60	15.86	14.15	19.80	21.98	21.91	20.71	16.72	22.84	13.56	18.74	14.12	12.29	15.66	
	18	Tablet power	16.98	16.20	23.09	16.64	15.80	14.16	19.78	21.98	21.91	20.68	16.76	22.82	13.53	18.79	14.11	12.28	15.65	
	19	Tablet power	16.96	16.27	23.07	16.58	15.89	14.11	19.77	21.94	21.89	20.69	16.71	22.83	13.59	18.79	14.12	12.30	15.59	
	20	Notebook power	18.96	19.89	23.59	19.34	17.66	18.88	24.13	23.78	23.74	24.13	19.39	23.79	20.32	21.84	19.15	15.61	16.56	
	21	Notebook power	19.00	19.83	23.50	19.33	17.61	18.90	24.10	23.73	23.72	24.15	19.32	23.83	20.34	21.76	19.17	15.69	16.57	
	22	Notebook power	18.97	19.82	23.58	19.33	17.68	18.90	24.17	23.81	23.78	24.15	19.38	23.77	20.38	21.75	19.13	15.63	16.61	
	23	Notebook power	19.00	19.89	23.58	19.28	17.64	18.85	24.16	23.81	23.71	24.12	19.30	23.76	20.33	21.83	19.18	15.63	16.54	
	24	Notebook power	19.02	19.84	23.58	19.28	17.67	18.85	24.20	23.80	23.74	24.12	19.30	23.76	20.35	21.77	19.16	15.70	16.61	
	25	Notebook power	18.97	19.80	23.55	19.29	17.62	18.81	24.10	23.82	23.78	24.12	19.34	23.79	20.37	21.81	19.19	15.62	16.59	
Presentation	35	Notebook power	19.01	19.88	23.51	19.31	17.67	18.85	24.16	23.81	23.73	24.14	19.32	23.74	20.35	21.80	19.10	15.70	16.52	
	45	Notebook power	18.99	19.80	23.50	19.31	17.71	18.88	24.10	23.80	23.68	24.13	19.32	23.84	20.40	21.85	19.13	15.69	16.54	
	55	Notebook power	19.02	19.84	23.53	19.30	17.68	18.81	24.20	23.78	23.76	24.12	19.33	23.75	20.32	21.78	19.10	15.68	16.61	
	65	Notebook power	19.02	19.87	23.50	19.27	17.70	18.90	24.13	23.80	23.76	24.09	19.33	23.76	20.32	21.83	19.18	15.68	16.57	
	75	Notebook power	18.99	19.89	23.59	19.30	17.68	18.80	24.19	23.80	23.72	24.17	19.38	23.77	20.31	21.78	19.15	15.62	16.59	
	85	Notebook power	18.94	19.80	23.50	19.31	17.61	18.89	24.17	23.78	23.72	24.09	19.37	23.79	20.30	21.76	19.12	15.63	16.54	
	86	Notebook power	19.00	19.89	23.54	19.27	17.67	18.86	24.18	23.75	23.73	24.17	19.33	23.76	20.32	21.82	19.18	15.66	16.59	
	87	Notebook power	18.97	19.80	23.56	19.29	17.61	18.86	24.15	23.80	23.70	24.14	19.37	23.82	20.32	21.80	19.11	15.62	16.61	
	88	Notebook power	18.98	19.84	23.50	19.26	17.66	18.90	24.15	23.83	23.68	24.12	19.38	23.80	20.37	21.78	19.11	15.61	16.52	
	89	Notebook power	18.94	19.89	23.56	19.34	17.68	18.80	24.13	23.76	23.68	24.08	19.31	23.79	20.31	21.84	19.13	15.68	16.53	
90	Notebook power	19.02	19.88	23.52	19.28	17.68	18.86	24.15	23.78	23.74	24.08	19.35	23.81	20.34	21.84	19.14	15.65	16.59		