

2014/12/22

This is to justify, and certify that the transmitter output power (BT/BT4.0/802.11a/b/g/n) (please see the pages 2) are dropped in order to enhance the holistic performance while installing to the platform, Model: HSTNH-I508O & HSTNH-I508OC, platform: Tablet, host owner: Hewlett-Packard Company. Power at the originally tested default channel is set lower with professional installation under per-chain condition so as to counter the measurable influence on spurious emission near the restricted band of the frequency (\$15.205).

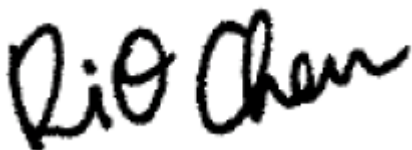
Applicant: HON HAI Precision Ind. Co., Ltd.

FCC IDENTIFIER: MCLT77H462

The Product Name of Radio Equipment: 802.11abgn+BT4.0 module

Platform: Tablet

The owner of the platform: Hewlett-Packard Company.



HON HAI Precision Ind. Co., Ltd.

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Title: Compliance Manager

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Date: Dec. 24, 2014

BT4.0 module
Model T77H462
FCC/IC approved power levels
 Power Levels tuned for T77H462 approvals testing

BT

FCC	<i>by Spectrum</i>		<i>unit: dBm</i>
GFSK	2402	2441	2480
Peak	4.72	5.85	5.54
π4DQPSK	2402	2441	2480
Peak	3.94	4.76	5.10
8DPSK	2402	2441	2480
Peak	4.42	5.34	4.79

BT 4.0

FCC	<i>by power meter</i>		<i>unit: dBm</i>
BT4.0	2402	2442	2480
Peak	4.70	5.45	5.31
Average	4.52	5.14	5.25

Main antenna

802.11 b		Average Power Output (dBm)
CH	Frequency (MHz)	Data Rate (Mbps)
		1
1	2412	16.91
6	2437	16.96
11	2462	16.71

802.11 g		Average Power Output(dBm)
CH	Frequency (MHz)	Data Rate (Mbps)
		6
1	2412	10.46
6	2437	10.48
11	2462	10.35

MIMO antenna

802.11 n (20M)		Average Power Output(dBm)		
CH	Frequency (MHz)	Data Rate (Mbps)		
		HT8		
		ch 0	ch 1	ch 0+1
1	2412	12.42	11.37	14.94
6	2437	12.51	11.15	14.89
11	2462	12.68	10.75	14.83

Aux antenna

802.11 a		Average Power Output(dBm)
5.2/5.3/5.6/5.8G		
CH	Frequency (MHz)	Data Rate (Mbps)
		6
36	5180	12.25
40	5200	12.33
44	5220	12.35
48	5240	12.35
52	5260	12.29
60	5300	12.39
64	5320	12.27
100	5500	12.38
116	5580	12.49
132	5660	12.21
140	5700	12.26
149	5745	12.31
157	5785	12.44
165	5825	12.22

MIMO antenna

802.11 n(20M)		Average Power Output(dBm)		
5.2/5.3/5.6/5.8G		Data Rate (Mbps)		
CH	Frequency (MHz)	HT8		
		ch 0	ch 1	ch 0+1
36	5180	11.94	10.79	14.41
40	5200	11.85	10.66	14.31
44	5220	11.71	10.63	14.21
48	5240	11.91	10.81	14.41
52	5260	11.83	10.98	14.44
60	5300	11.94	10.18	14.16
64	5320	11.40	11.01	14.22
100	5500	11.91	10.67	14.34
116	5580	11.83	10.36	14.17
132	5660	11.88	10.35	14.19
140	5700	11.79	10.48	14.19
149	5745	11.88	10.33	14.18
157	5785	11.88	10.72	14.35
165	5825	11.86	10.87	14.40
802.11 n(40M)		Average Power Output(dBm)		
5.2/5.3/5.6/5.8G		Data Rate (Mbps)		
CH	Frequency (MHz)	HT8		
		ch 0	ch 1	ch 0+1
38	5190	11.87	11.53	14.71
46	5230	11.73	11.30	14.53
54	5270	11.58	11.35	14.48
62	5310	11.91	11.54	14.74
102	5510	11.75	11.30	14.54
110	5550	11.76	11.72	14.75
134	5670	11.50	10.75	14.15
151	5755	11.93	11.24	14.61
159	5795	11.66	11.35	14.52

