

MITSUMI



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DWM-W095A BT Average Power showing the Maximum Rated power Output / Tune-up power tolerance

Mitsumi Declares that due to the limitations of Fujitsu's host operating system and Firmware conditions, the Bluetooth power in all 3 modes (Basic, EDR and BLE) cannot exceed 9dBm under all circumstances. The user will have no means to change this condition.

Conditions:

Broadcom BlueTool: Version 1.7.8.7

Firmware: BCM4324B3_002.004.006.0096.0113.hcd

	Frequency (MHz)	On (us)	On+Off (us)	Duty Cycle (%)	Duty Factor (dB)	Measured Power (dBm)	Average Power (dBm)	Maximum Rated Output Power (dBm)
Basic Data Rate GFSK (DH5)	2402	2880	3750	76.80	1.15	7.03	8.18	9
	2441	2880	3750	76.80	1.15	7.39	8.54	9
	2480	2880	3750	76.80	1.15	7.48	8.63	9
Enhanced Data Rate 8PSK (DH5)	2402	2885	3750	76.93	1.14	4.82	5.96	9
	2441	2885	3750	76.93	1.14	5.63	6.77	9
	2480	2885	3750	76.93	1.14	5.23	6.37	9
BLE	2402	388	625	62.08	2.07	1.96	4.03	7
	2442	388	624	62.18	2.06	3.00	5.06	7
	2480	388	624	62.18	2.06	2.98	5.04	7

Power output of Mitsumi DWM-W095A (WLAN)
FCC ID: EW4DWMW095A

FCC/IC					
Conducted Tx PowerdBm - SINGLE CHAIN					
Ch#	Center Freq (MHz)	11b	11g	HT20	HT40
1	2412	16.0	13.0	13.0	N/A
2	2417	16.0	13.0	13.0	N/A
3	2422	16.0	13.0	13.0	not supported
4	2427	16.0	13.0	13.0	not supported
5	2432	16.0	13.0	13.0	not supported
6	2437	16.0	13.0	13.0	not supported
7	2442	16.0	13.0	13.0	not supported
8	2447	16.0	13.0	13.0	not supported
9	2452	16.0	13.0	13.0	not supported
10	2457	16.0	13.0	13.0	N/A
11	2462	16.0	13.0	13.0	N/A

FCC/IC		
Ch#	Center Freq (MHz)	HT40
38	5190	12.0
46	5230	12.0
54	5270	12.0
62	5310	12.0
102	5510	12.0
	5550	12.0
118	5590	12.0
	5630	12.0
134	5670	12.0
151	5755	12.0
159	5795	12.0

FCC/IC			
Ch#	Center Freq (MHz)	11a	HT20
36	5180	12.0	12.0
40	5200	12.0	12.0
44	5220	12.0	12.0
48	5240	12.0	12.0
52	5260	12.0	12.0
56	5280	12.0	12.0
60	5300	12.0	12.0
64	5320	12.0	12.0
100	5500	12.0	12.0
104	5520	12.0	12.0
108	5540	12.0	12.0
112	5560	12.0	12.0
116	5580	12.0	12.0
120	5600	12.0	12.0
124	5620	12.0	12.0
128	5640	12.0	12.0
132	5660	12.0	12.0
136	5680	12.0	12.0
140	5700	12.0	12.0
149	5745	12.0	12.0
153	5765	12.0	12.0
157	5785	12.0	12.0
161	5805	12.0	12.0
165	5825	12.0	12.0

NOTES:

Simultaneous operation of WLAN and BT is time division transmitting

The target power in power table is maximum power including tune-up tolerance.

The tolerance (difference between maximum value and typical value) of WLAN output power is 2.5dB.

We can set WLAN output power to nearly the target (maximum) power in RF test.

MIMO power will be Chain#1 power + Chain#2 power

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