

FCC 15.407 26dB Bandwidth & Peak Transmit Power

QuieTek Corporation


Applicant :	Moxa	Project Number :	102190R
EUT :	WAPA003	Date of Measurement	2010/6/15
Test Condition :	22 °C / 55%		

802.11a

Channel No	Frequency (MHz)	Peak Power Output (dBm)									Required Limit	Result
		Data Rate (Mbps)										
		6	9	12	18	24	36	48	54			
36	5180	16.48	--	--	--	--	--	--	--	--	<17dBm	Pass
44	5200	16.73	--	--	--	--	--	--	--	--	<17dBm	Pass
48	5240	16.83	--	--	--	--	--	--	--	--	<17dBm	Pass
52	5260	23.01	--	--	--	--	--	--	--	--	<24dBm	Pass
60	5300	23.43	23.37	23.33	23.3	23.27	23.19	23.12	23.07		<24dBm	Pass
64	5320	22.83	--	--	--	--	--	--	--	--	<24dBm	Pass

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
36	5180	25.84	16.48	17	18.12	Pass
44	5200	24.64	16.73	17	17.92	Pass
48	5240	24.88	16.83	17	17.96	Pass
52	5260	25.28	23.01	24	25.03	Pass
60	5300	25.2	23.43	24	25.01	Pass
64	5320	25.04	22.83	24	24.99	Pass

Note: 5150~5250MHz Band : Output Power Limit=50mW(17dBm)or 4dBm+10log(BW)
 5250~5350MHz Band : Output Power Limit=250mW(24dBm)or 11dBm+10log(BW)

Operator Signed: 
 (Engineer / Joe Guo)

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Channel No	Frequency (MHz)	Peak Power Output (dBm)									Required Limit	Result
		Data Rate (Mbps)										
		6	9	12	18	24	36	48	54			
100	5500	22.92	--	--	--	--	--	--	--	--	<24dBm	Pass
120	5580	22.84	--	--	--	--	--	--	--	--	<24dBm	Pass
140	5700	23.17	23.14	23.11	23.06	23.02	22.97	22.92	22.9		<24dBm	Pass

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Output Power Limit		Result
				(dBm)	dBm+10log(BW)	
100	5500	24.88	22.92	24	24.96	Pass
120	5580	28.24	22.84	24	25.51	Pass
140	5700	27.04	23.17	24	25.32	Pass

Note: 5470~5725MHz Band : Output Power Limit=250mW(24dBm)or 11dBm+10log(BW)

Operator Signed: *Joe Guo*
(Engineer / Joe Guo)