

Section 15.247(b) – Power output.

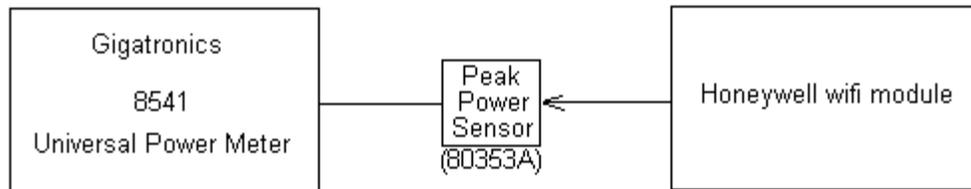
This is an RF conducted test. Use a direct connection between the antenna port of the transmitter and the spectrum analyzer, through suitable attenuation. There are two options- either option can be used for DTS devices. Power Output Option 1 is a peak measurement.

Power Output Option 1:

Set the RBW greater than 6 dB bandwidth of the emission or use a peak power meter.

Note: Since the 6 dB bandwidth of the emission is greater than 18 MHz, and the maximum Spectrum Analyzer RBW is 3 MHz, we will use a peak power meter.

Test Setup:



No:	CHANNEL:	DATA RATE:	
	FREQUENCY:	11M	54M
1	2.412	15.74 dbm	22.09 dbm
6	2.437	14.03 dbm	21.46 dbm
11	2.462	15.12 dbm	21.74 dbm