

Section 15.247(b) – Power output.

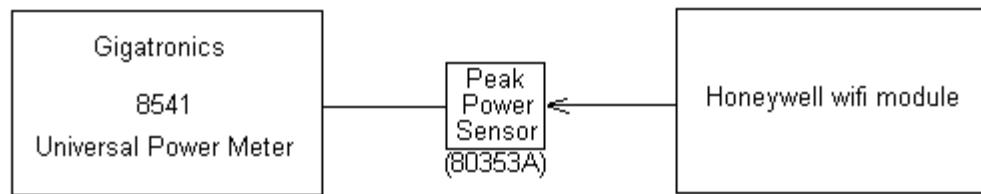
This is an RF conducted test. Use a direct connection between the antenna port of the transmitter and the spectrum analyzer, through suitable attenuation. There are two options- either option can be used for DTS devices. Power Output Option 1 is a peak measurement.

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: FREQUENCY:	DATA RATE:		
		11M	54M	65M
1	2.412	16.44 dbm	16.02 dbm	16.15 dbm
6	2.437	14.77 dbm	14.83 dbm	14.82 dbm
11	2.462	14.01 dbm	14.01 dbm	13.96 dbm