

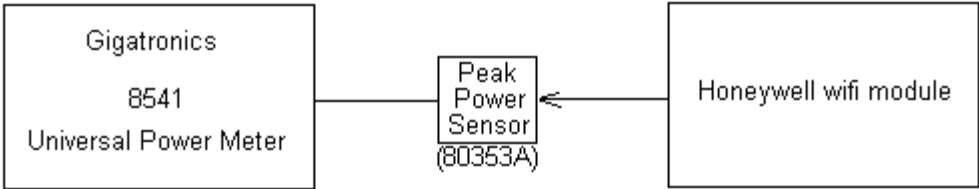
Section 15.247(b) – Power output.

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:



| CHANNEL: | | DATA RATE: | | |
|----------|------------|------------|-----------|-----------|
| No: | FREQUENCY: | 11M | 54M | 65M |
| 1 | 2.412 | 16.45 dbm | 16.46 dbm | 16.58 dbm |
| 6 | 2.437 | 15.20 dbm | 15.34 dbm | 15.61 dbm |
| 11 | 2.462 | 14.78 dbm | 14.83 dbm | 14.92 dbm |