

Power Spectral Density

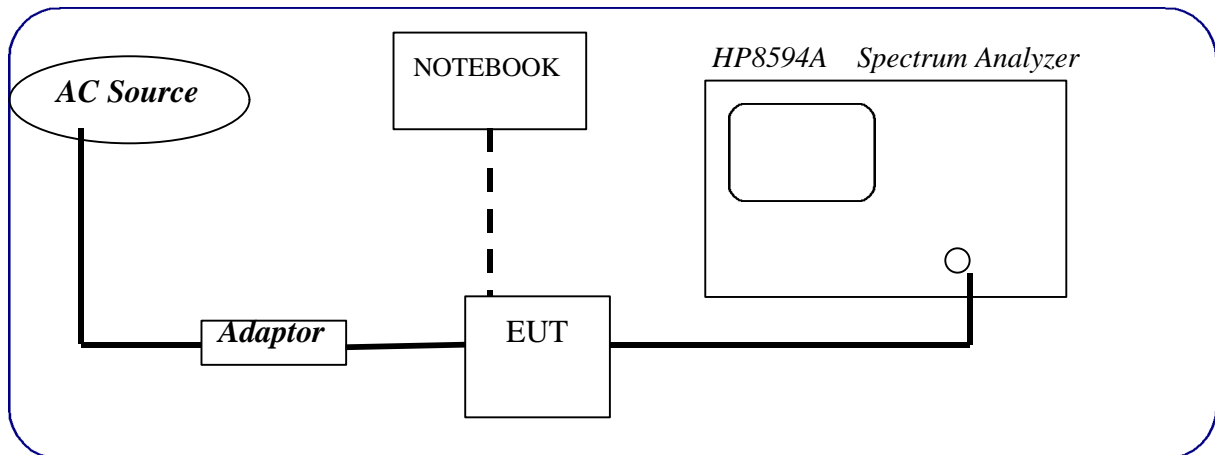


Fig 12. Test Configuration of power spectral density

P.S.COM port to COM port from notebook computer to control the EUT at maximal power output and channel Number.

6.3 List of Test Instruments

| Instrument Name | Model No. | Brand | Serial No. | Last time | Next time |
|--------------------------|-----------|---------------|------------|-----------|-----------|
| <u>Spectrum Analyzer</u> | 8594A | H P | 3710A00279 | 10/18/00 | 10/18/01 |
| Combiner | ZAPD-4 | Mini Circuits | N/A | N/A | N/A |

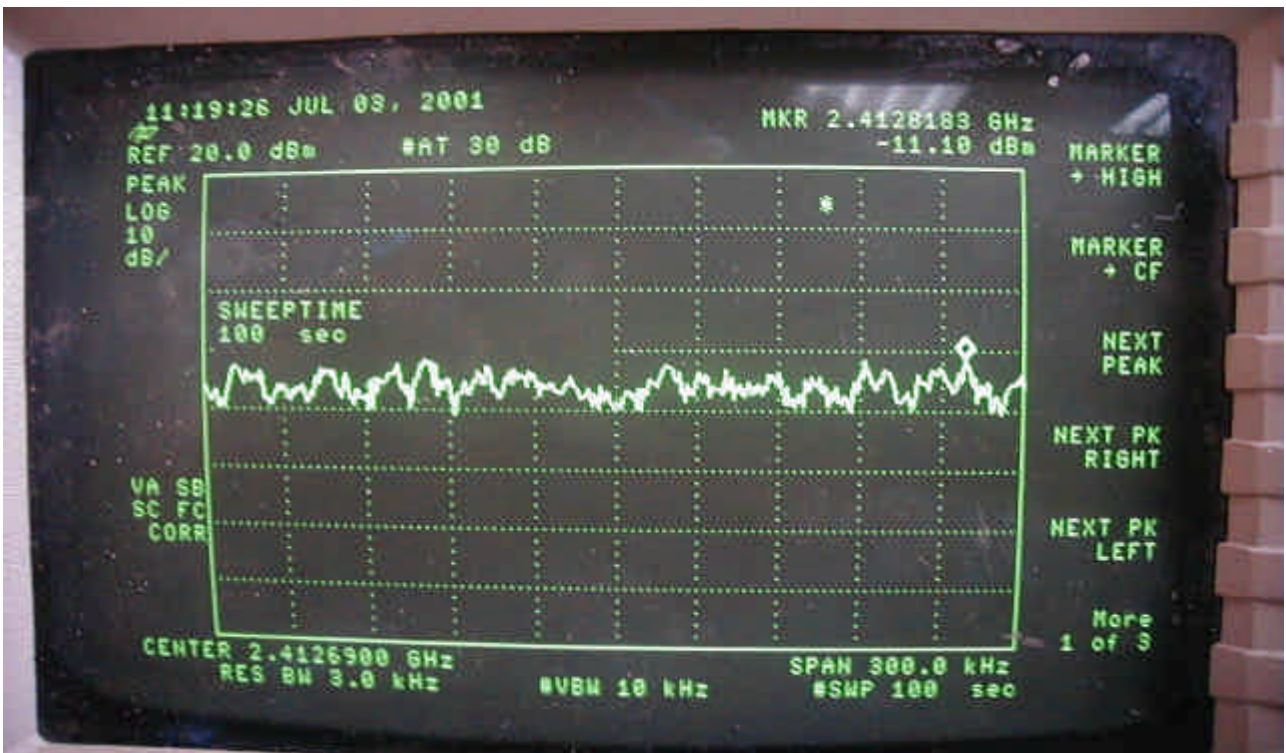
Test Result of Power spectral density

| <i>Channel</i> | <i>Frequency (GHz)</i> | <i>Ppr (dBm)</i> |
|--------------------|----------------------------|----------------------|
| AC/DC Adaptor 01 | 2.410 | -11.10 |
| AC/DC Adaptor 06 | 2.435 | -12.62 |
| AC/DC Adaptor 11 | 2.460 | -9.44 |
| AC Power Source 01 | 2.412 | -11.88 |
| AC Power Source 06 | 2.437 | -12.03 |
| AC Power Source 11 | 2.460 | -10.35 |

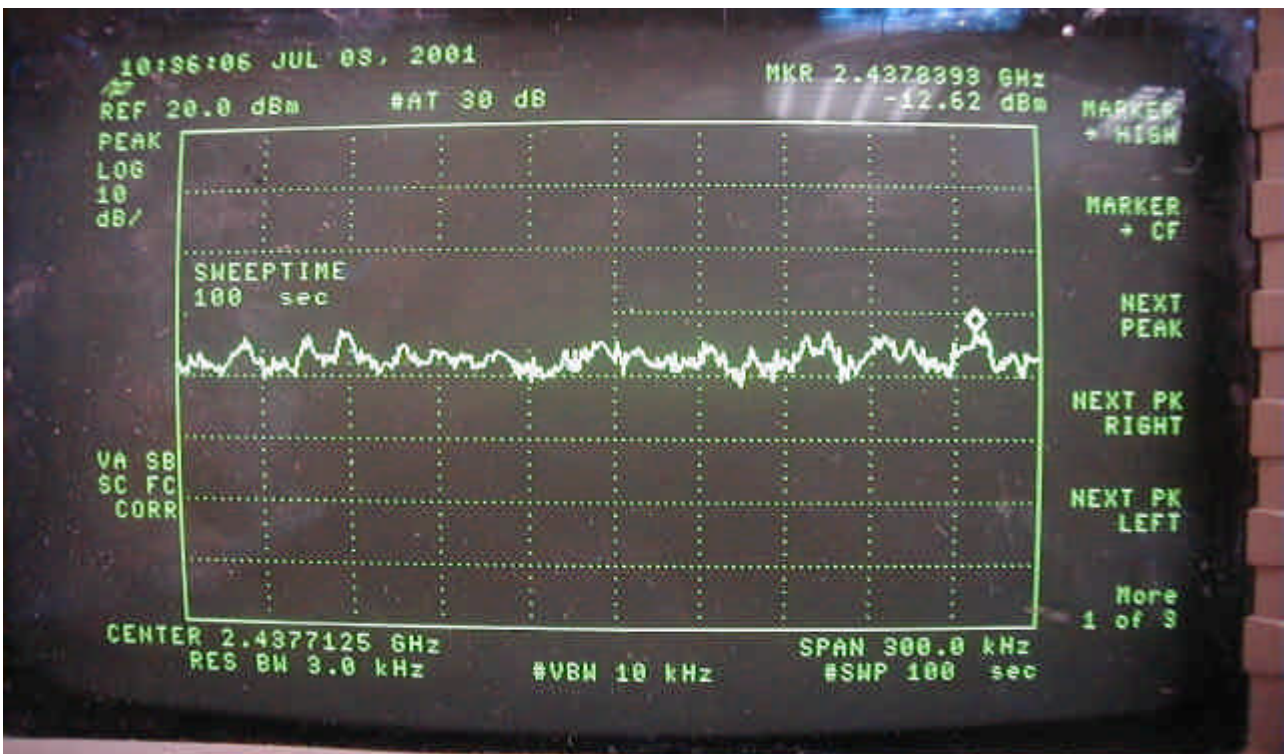
Note:

1. Ppr: spectrum read power density (using peak search mode), Ppq: actual peak power density in the spread spectrum band.

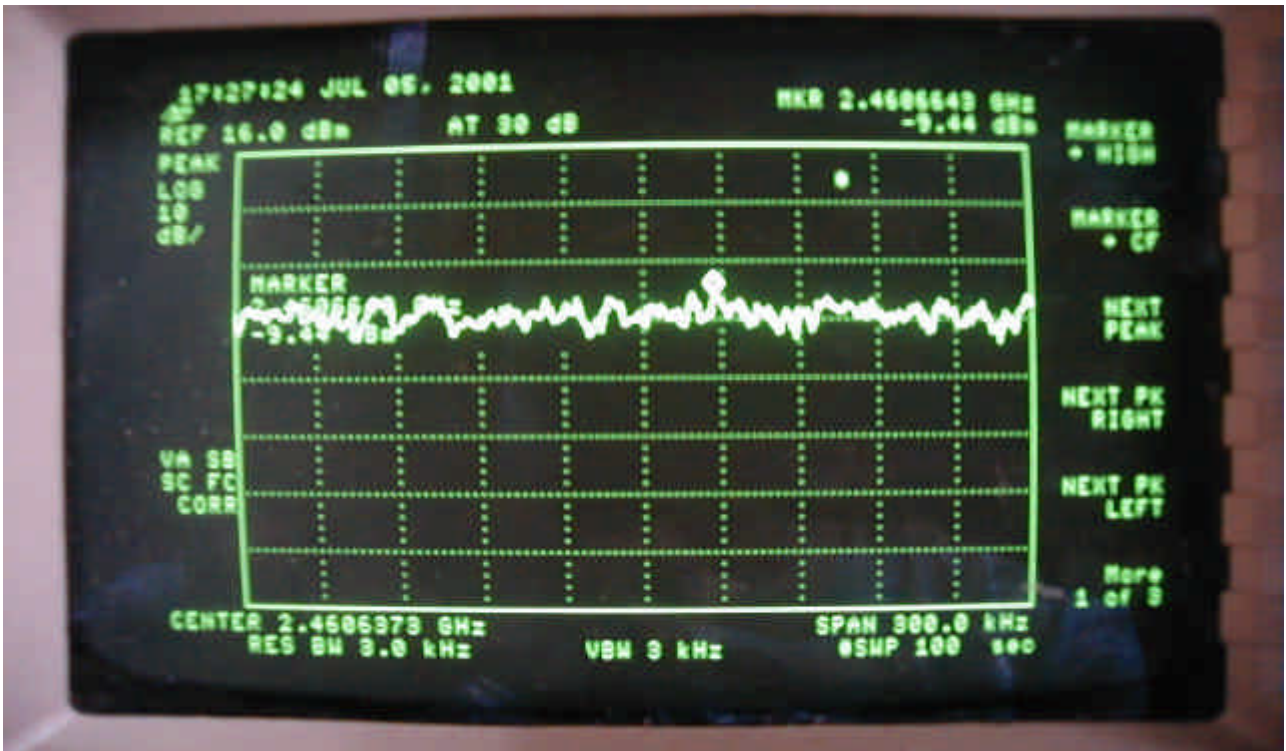
AC/DC Adaptor CH01



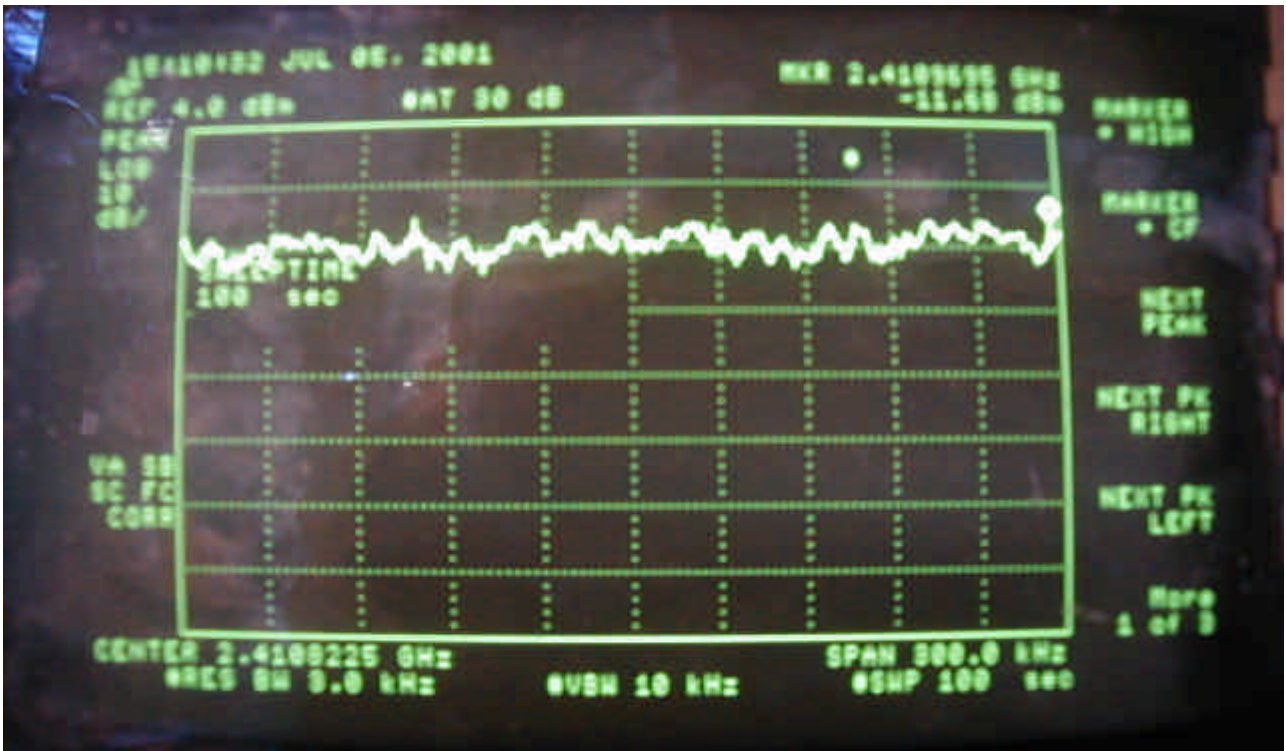
AC/DC Adaptor CH06



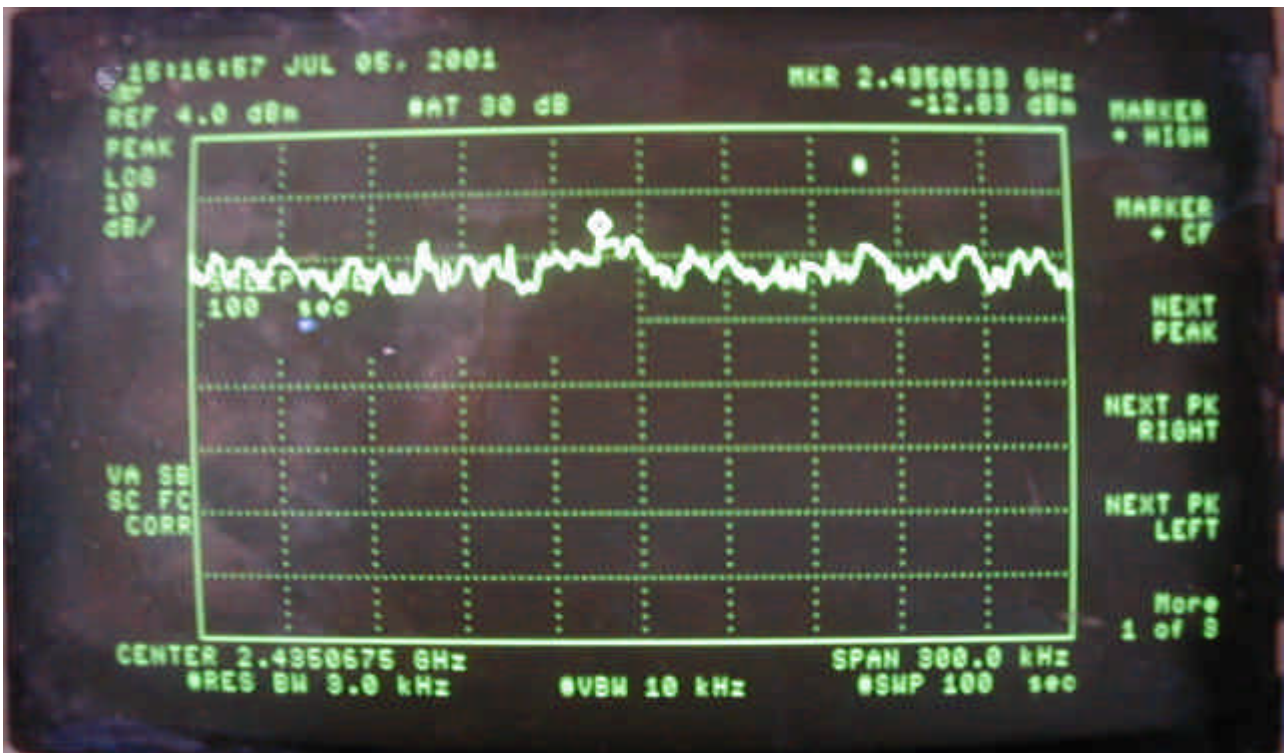
AC/DC Adaptor CH11



AC Adaptor CH1



AC Adaptor CH6



AC Adaptor CH11

