

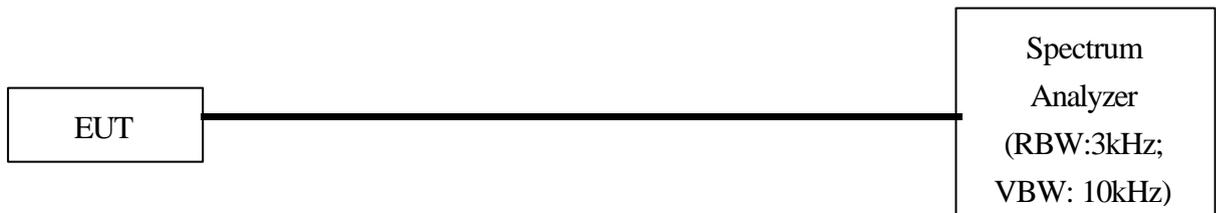
IX. Section 15.247(d): Power Spectral Density

9.1 Test Condition & Setup

The tests below are running with the EUT transmitter set at high power in TDD mode .A LAN port from a notebook computer connect to the EUT. The EUT is needed to force selection of output power level and channel number. While testing, the EUT was set to transmit continuously and to be tested by the contact manner with the spectrum analyzer.

The attachments below show our observation.

9.2 Test Instruments Configuration



Test Configuration of Power Spectral Density

P.S.: Notebook computer to control the EUT at maximal power output and channel Number and set antenna kit

9.3 List of Test Instruments

Instrument Name	Model No.	Brand	Serial No.	Last time	Next time
Spectrum Analyzer	8592A	H P	3003AD1401	01/02/02	01/01/03

9.4 Test Result of Power spectral density

The following table shows a summary of the test results of the Power Spectral Density.

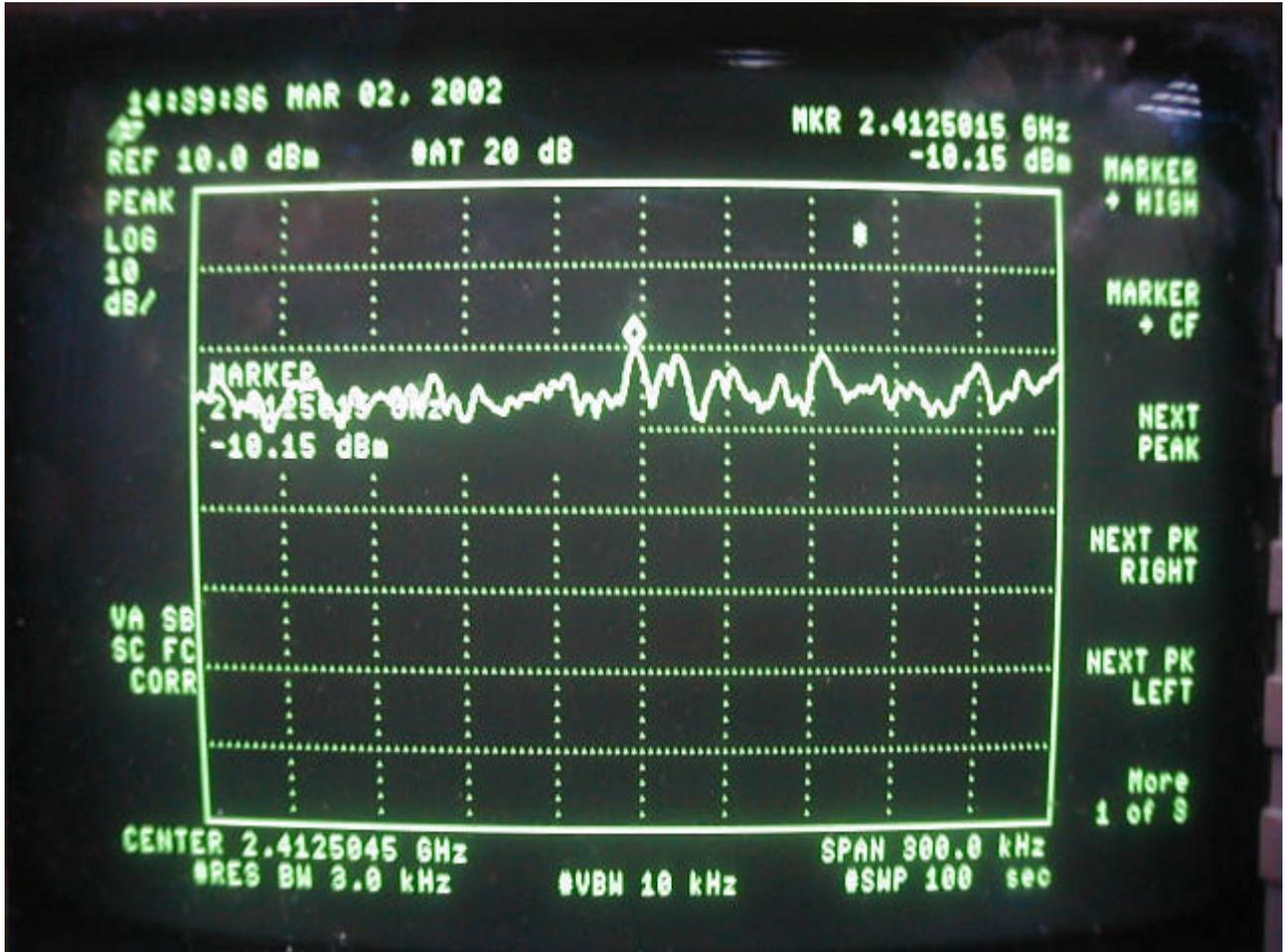
FCC ID : MSQWLCFCWL110

<i>Channel</i>	<i>Frequency (GHz)</i>	<i>Ppr (dBuV)</i>	<i>Cable Loss (dB)</i>	<i>Ppq (dBm)</i>	<i>Limit (dB)</i>	<i>Margin (dB)</i>
CH 01	2.413	-10.15	-1.80	-8.35	8.00	-16.35
CH 06	2.438	-10.16	-1.85	-8.31	8.00	-16.31
CH 11	2.463	-10.18	-1.93	-8.25	8.00	-16.25

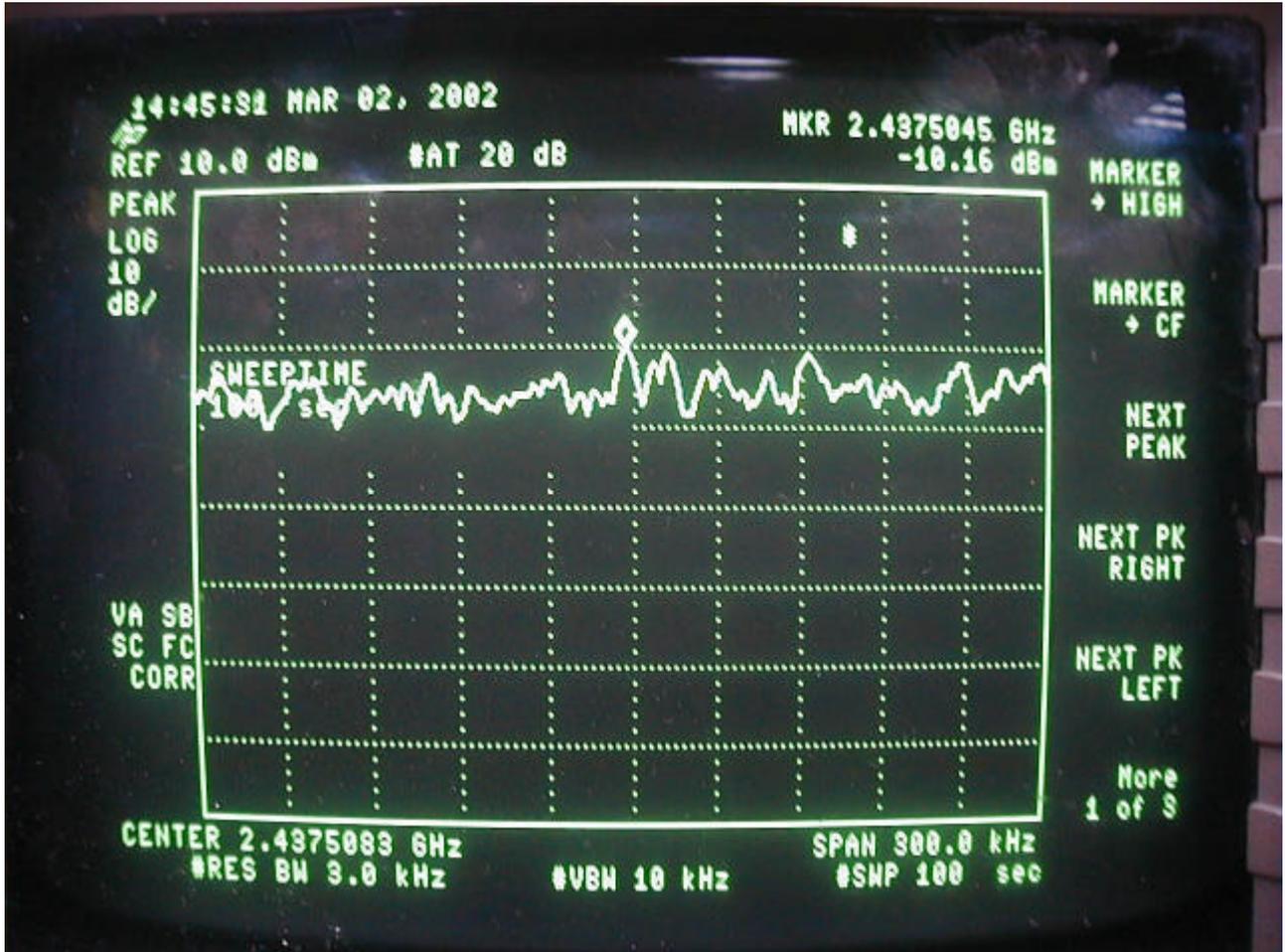
Note:

1. The attachment follow by this page and there is no page number.
2. Ppr: spectrum read power density (using peak search mode),
 Ppq: actual peak power density in the spread spectrum band.
3. $Ppq = Ppr + |Cable Loss|$

Channel 01



Channel 06



Channel 11

