



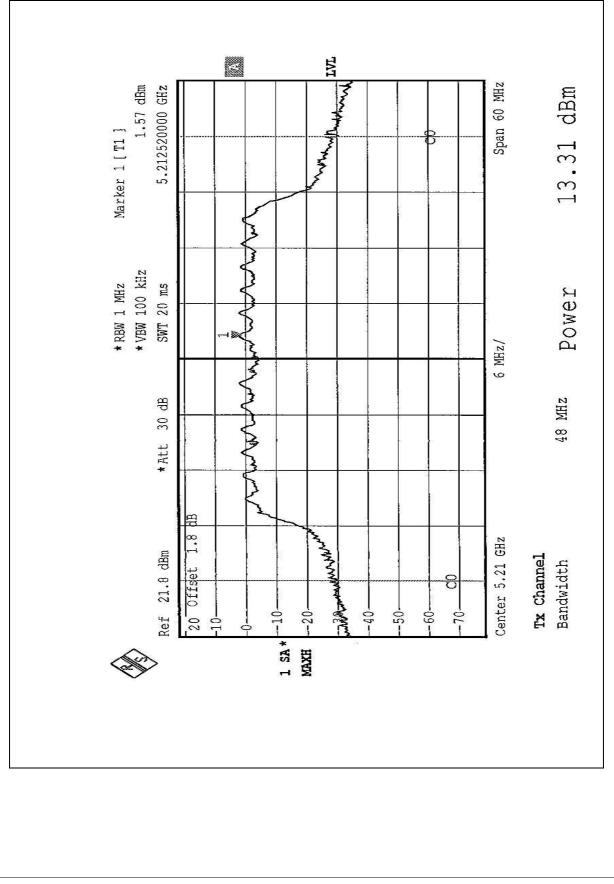
EUT	Dual-Band Wireless Access Point	MODEL	WAP51AB
MODE	Turbo	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	24deg. C, 65%RH, 1005 hPa	TESTED BY	Steven Lu

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5210	13.31	17.00	48.84	PASS
2	5250	13.04	17.00	48.84	PASS
3	5290	12.75	24.00	47.40	PASS

**NOTE:** The 26dBc Occupied Bandwidth plot, please refer to the following pages.

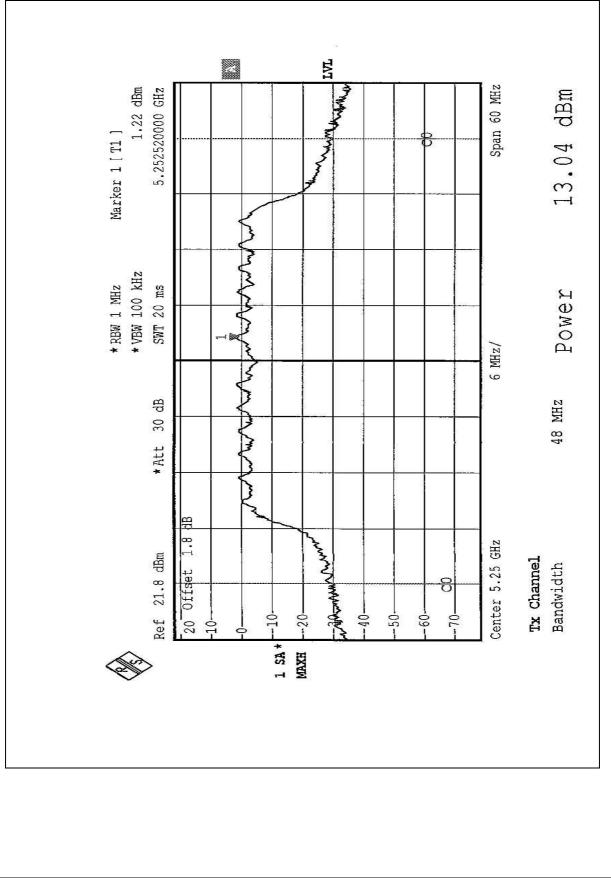


#### CHANNEL 1

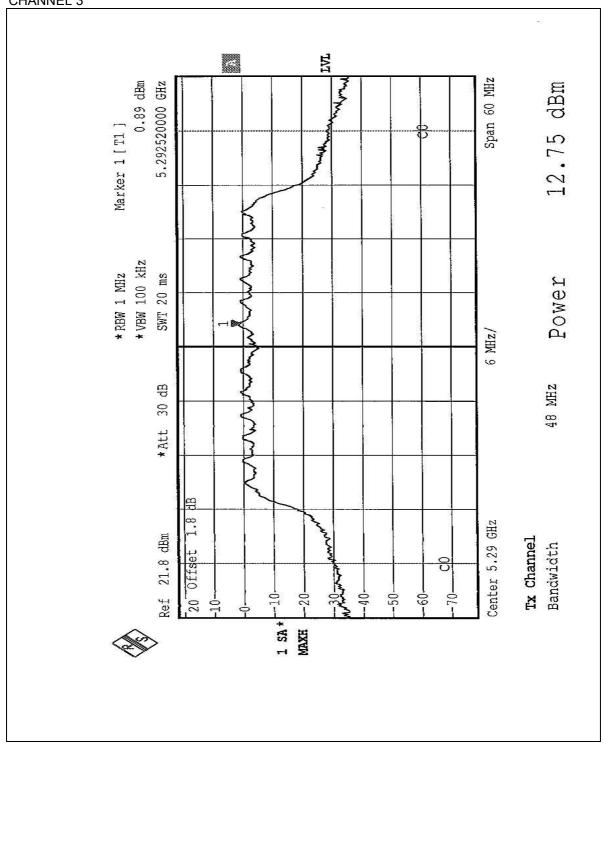


Report No.: RF910808R02A

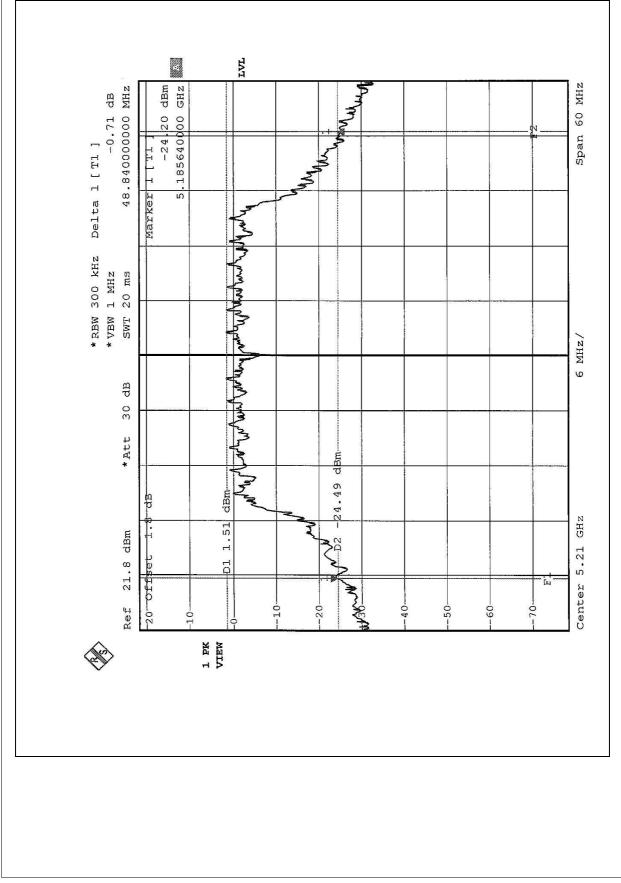




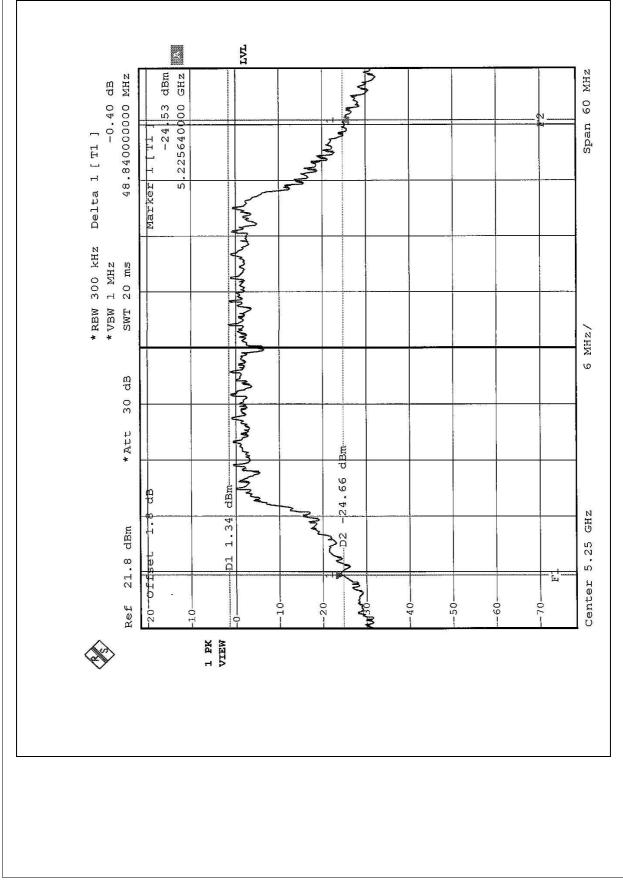




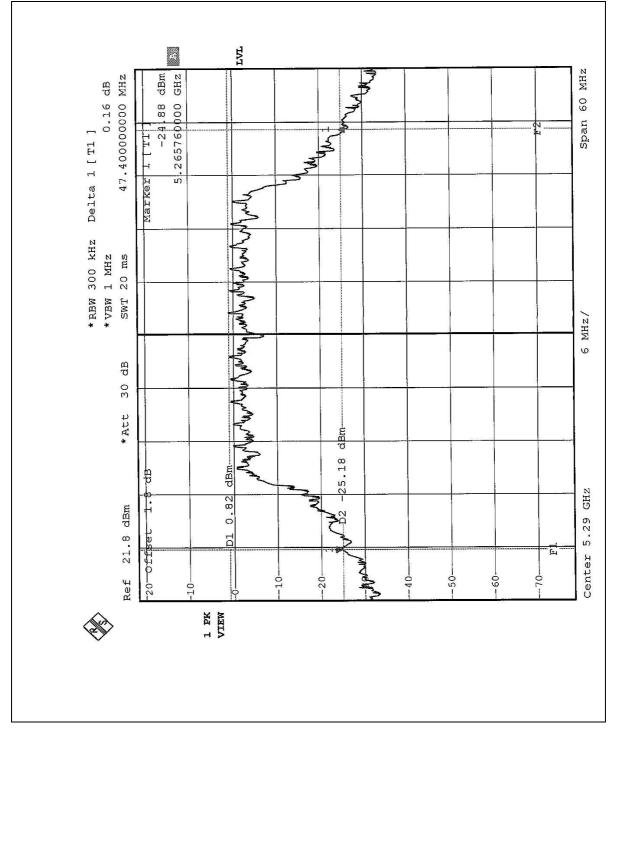














# 5.4 PEAK POWER EXCURSION MEASUREMENT

# 5.4.1 LIMITS OF PEAK POWER EXCURSION MEASUREMENT

Frequency Band	Limit	
5.15 – 5.25 GHz	13dB	
5.25 – 5.35 GHz	13dB	
5.725 – 5.825 GHz	13dB	

# 5.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
ROHDE&SCHWARZ SPECTRUM ANALYZER	FSEK30	100049	July 24, 2003

**NOTE:** The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.



# 5.4.3 TEST PROCEDURE

- 1. The transmitter output was connected to the spectrum analyzer.
- 2. Set the spectrum bandwidth span to view the entire spectrum.
- 3. Using peak detector and Max-hold function for Trace 1 (RB=1MHz, VB=3MHz) and 2 (RB=1MHz, VB=100KHz).
- 4. The largest difference between Trace 1 and Trace 2 in any 1MHz band on any frequency was recorded.

# 5.4.4 DEVIATION FROM TEST STANDARD

No deviation

# 5.4.5 TEST SETUP



# 5.4.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.



# 5.4.7 TEST RESULTS

EUT	Dual-Band Wireless Access Point	MODEL	WAP51AB
MODE	Normal	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	23deg. C, 64%RH, 1005 hPa	TESTED BY	Steven Lu

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER EXCURSION (dB)	PEAK to AVERAGE EXCURSION LIMIT (dB)	PASS/FAIL
1	5180	8.56	13	PASS
4	5240	8.05	13	PASS
5	5260	8.81	13	PASS
8	5320	9.22	13	PASS



