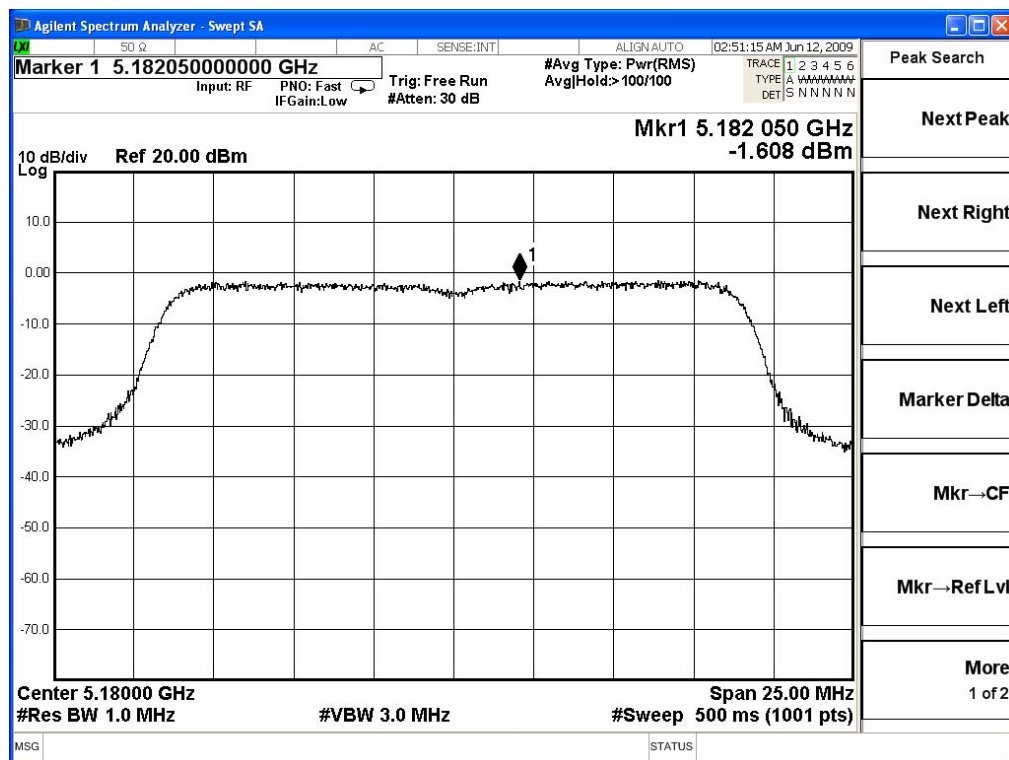


Product : Notebook P.C.
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmitter (802.11n-20BW 13.5Mbps)-Antenna 2

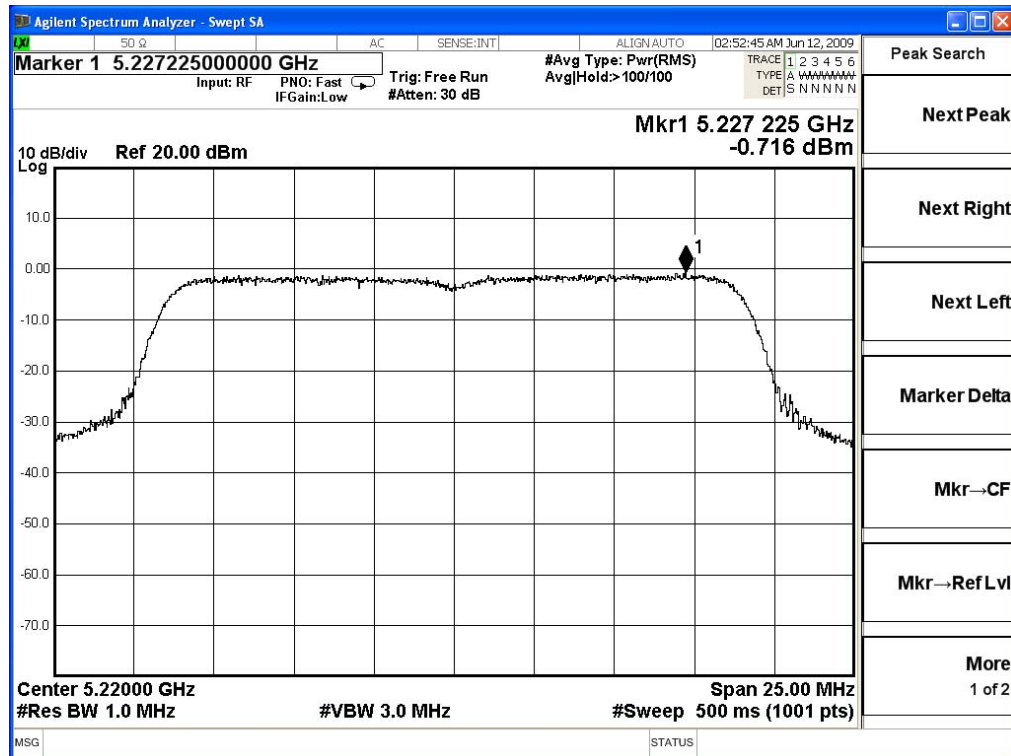
Ant A

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
36	5180	-1.61	<4	Pass
44	5220	-0.72	<4	Pass
48	5240	-0.10	<4	Pass
52	5260	0.27	<11	Pass
60	5300	0.99	<11	Pass
64	5320	1.48	<11	Pass

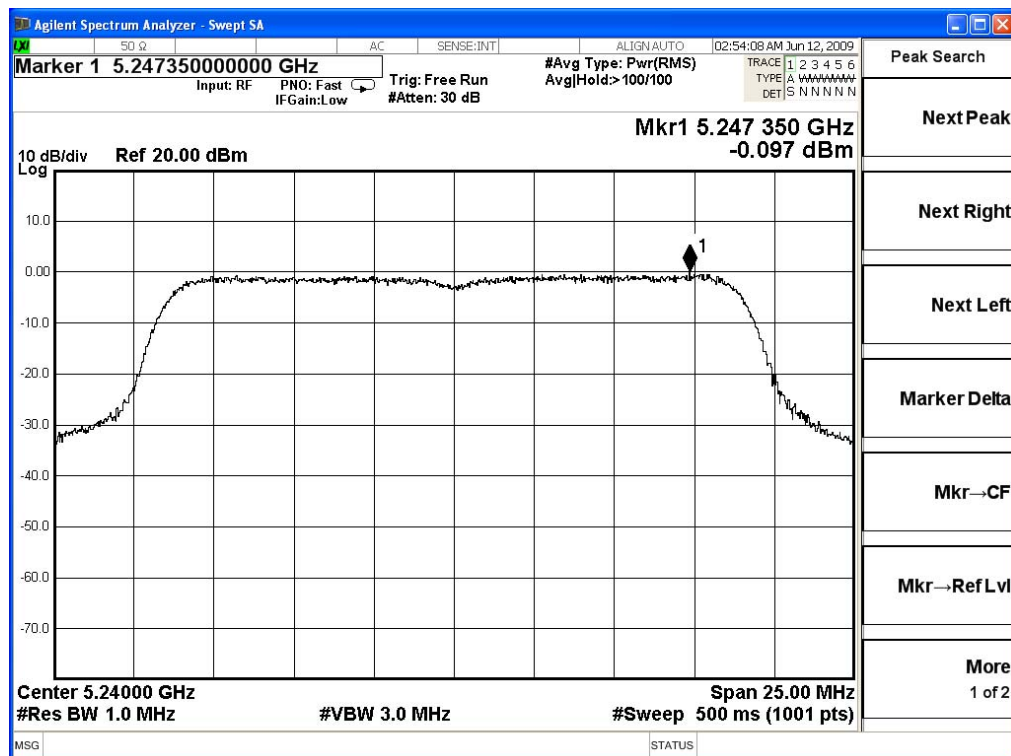
Channel 36:



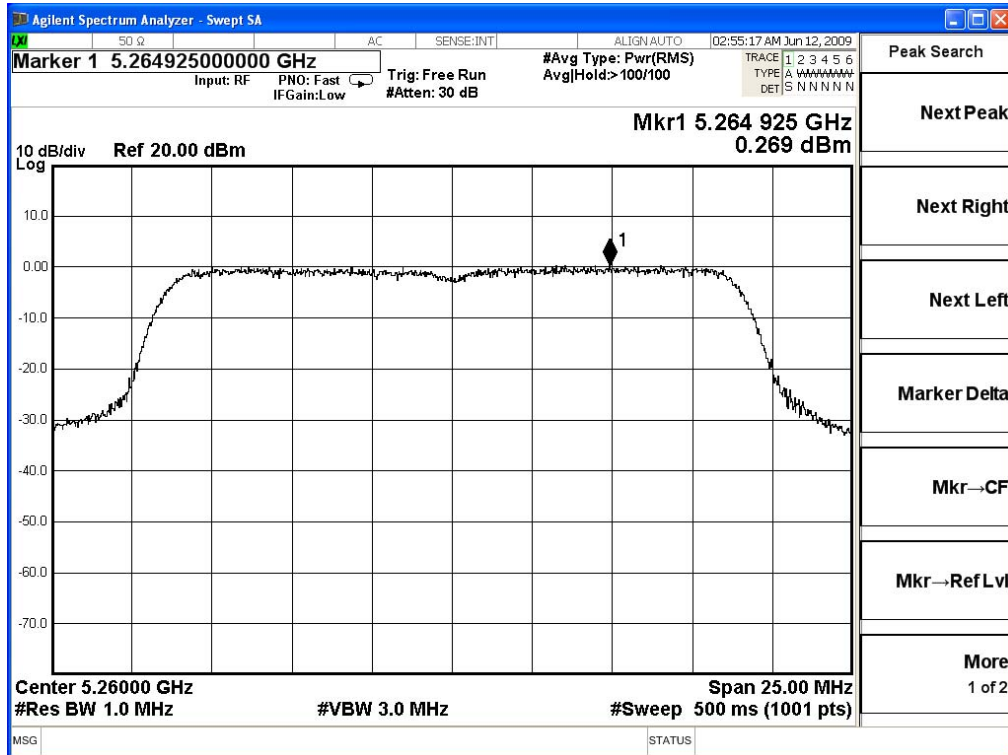
Channel 44:



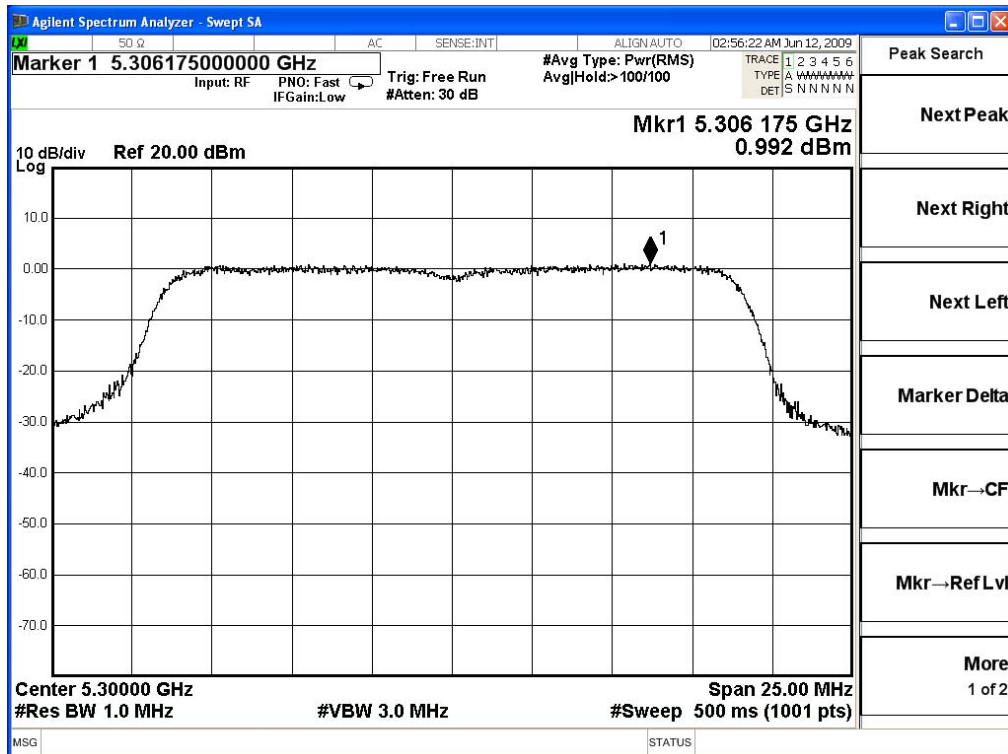
Channel 48:



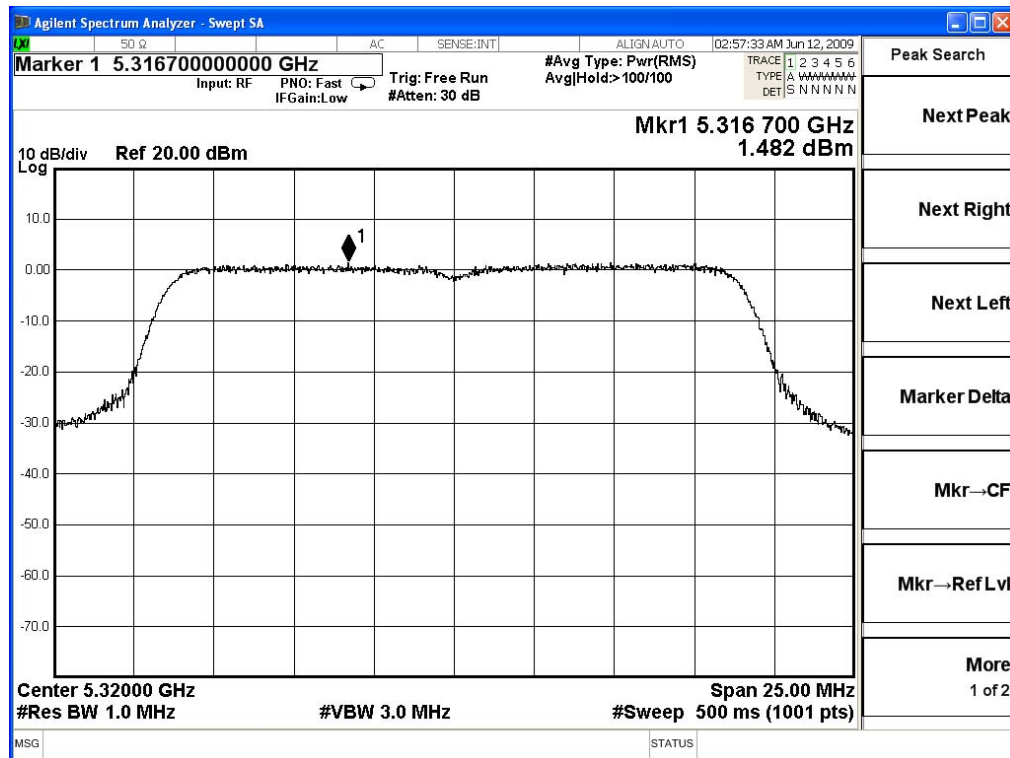
Channel 52:



Channel 60:



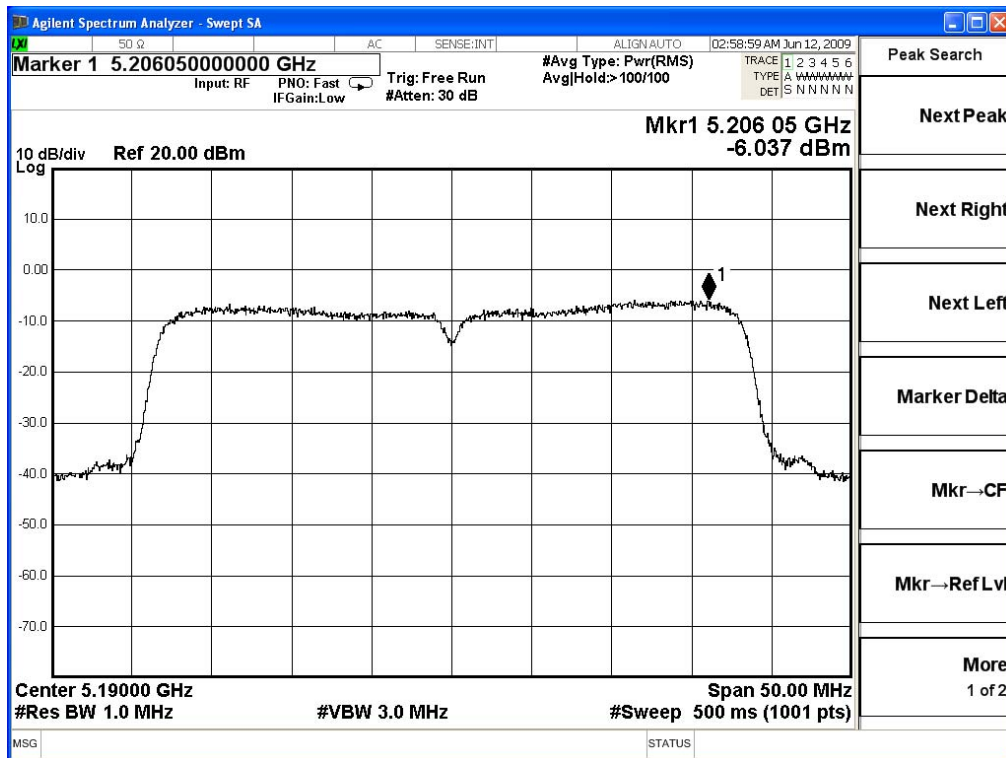
Channel 64:



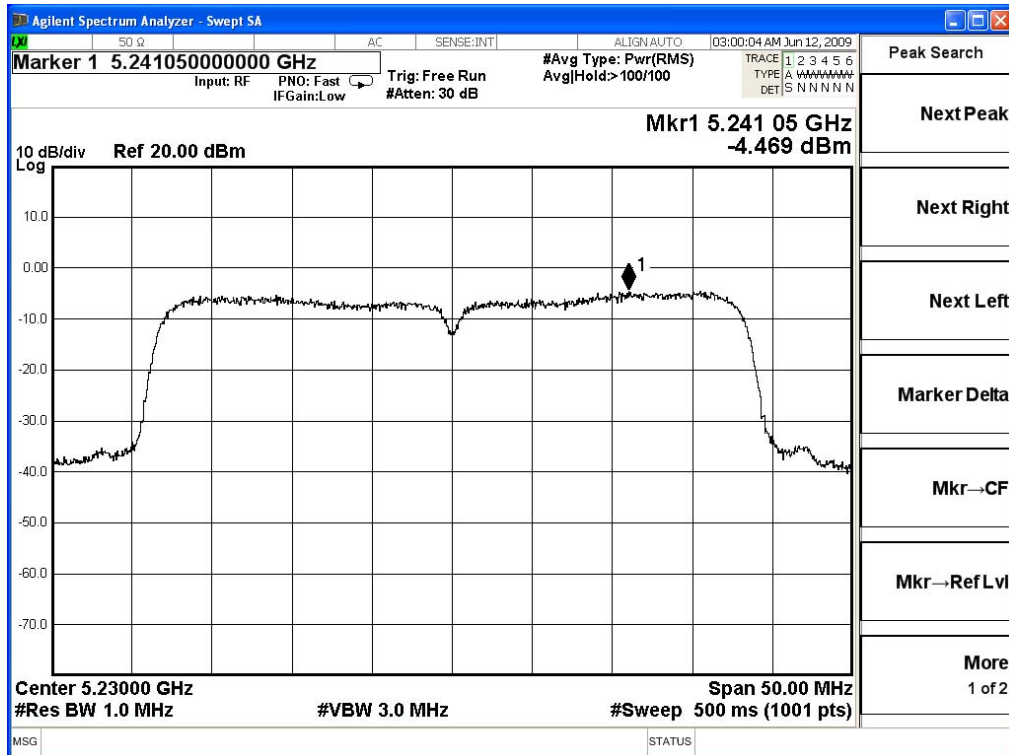
Product : Notebook P.C.
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmitter (802.11n-40BW 27Mbps)-Antenna 2

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
38	5190	-6.04	<4	Pass
46	5230	-4.47	<4	Pass
54	5270	-3.75	<11	Pass
62	5310	-2.72	<11	Pass

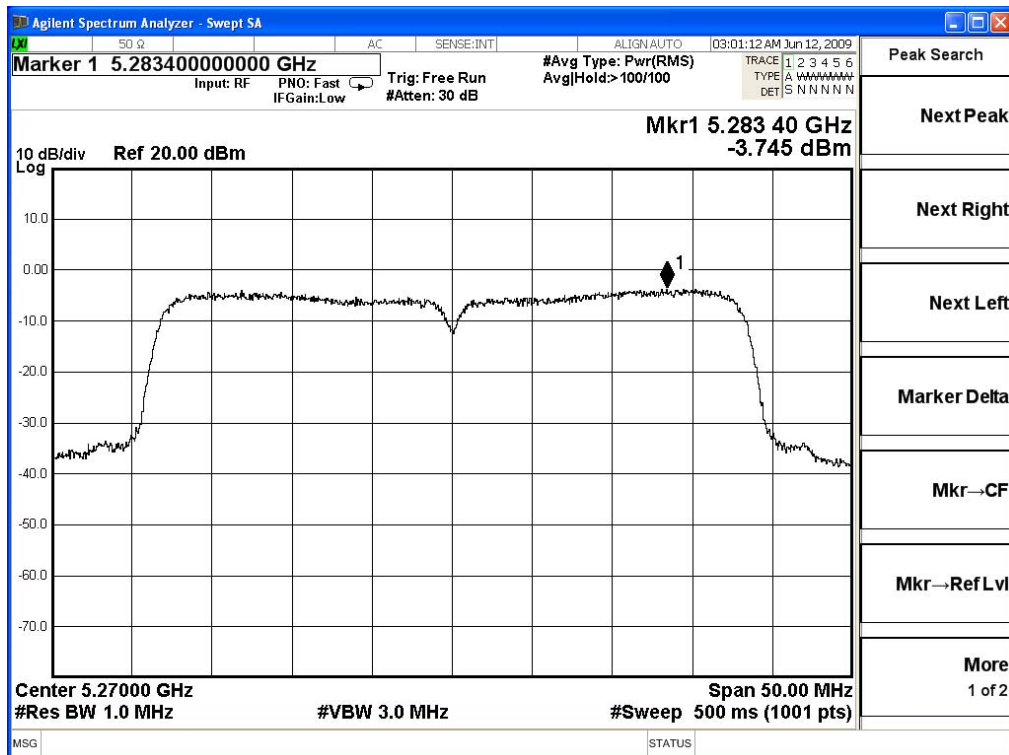
Channel 38:



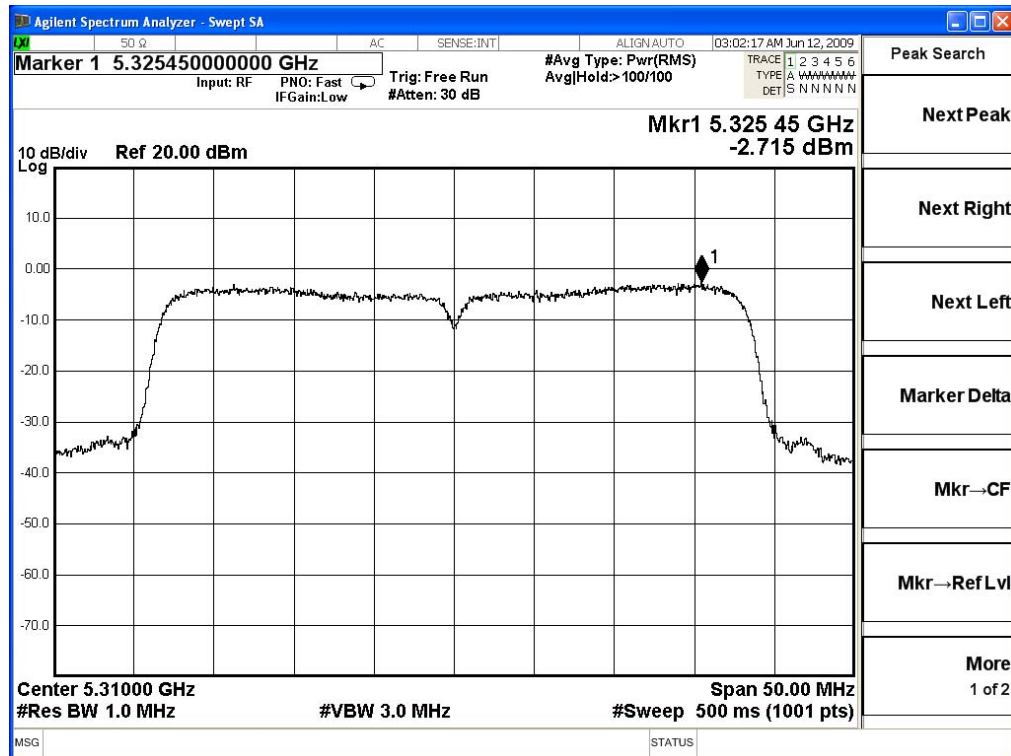
Channel 46:



Channel 54:



Channel 62:



5. Peak Excursion

5.1. Test Equipment

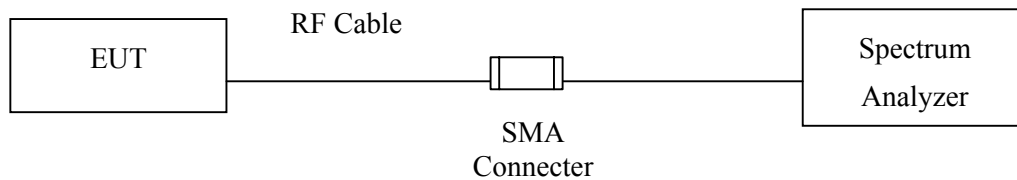
The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2009

Note: 1. All equipments are calibrated every one year.
2. The test instruments marked by “X” are used to measure the final test results.

5.2. Test Setup

Conduction Power Measurement



5.3. Limits

The ratio of the peak excursion of the modulation envelope (measured using a peak hold function) to the peak transmit power (measured as specified above) shall not exceed 13 dB across any 1 MHz bandwidth or the emission bandwidth whichever is less.

5.4. Test Procedure

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Aug 2002 DA 02-2138 for compliance to FCC 47CFR Subpart E requirements.

5.5. Uncertainty

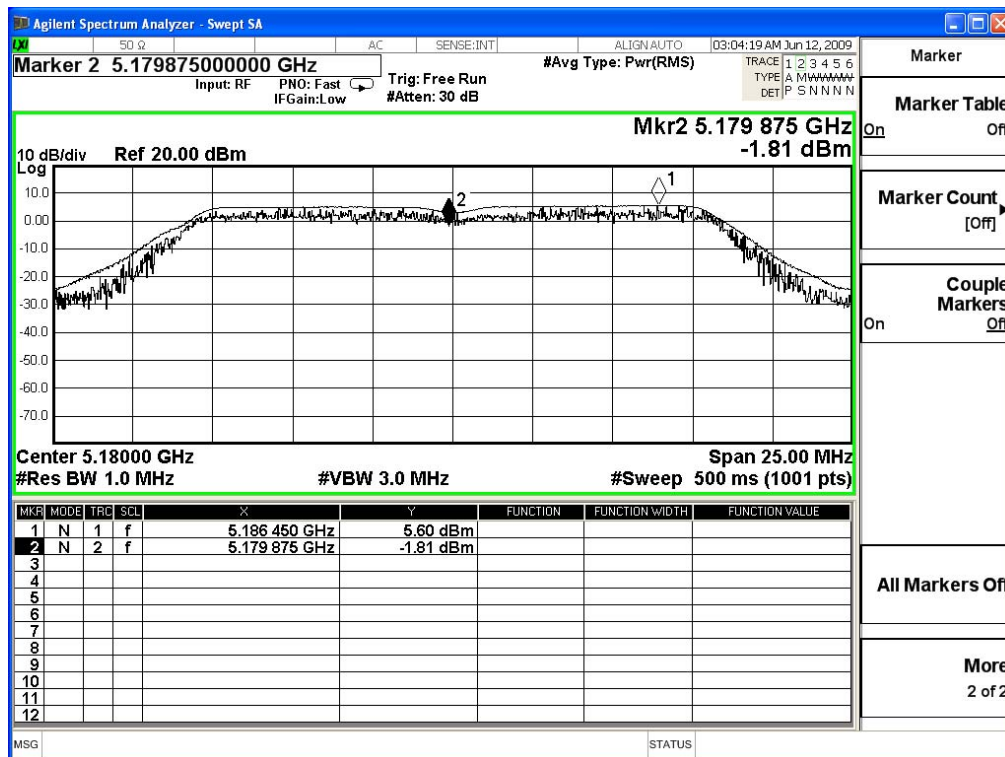
± 1.27 dB

5.6. Test Result of Peak Excursion

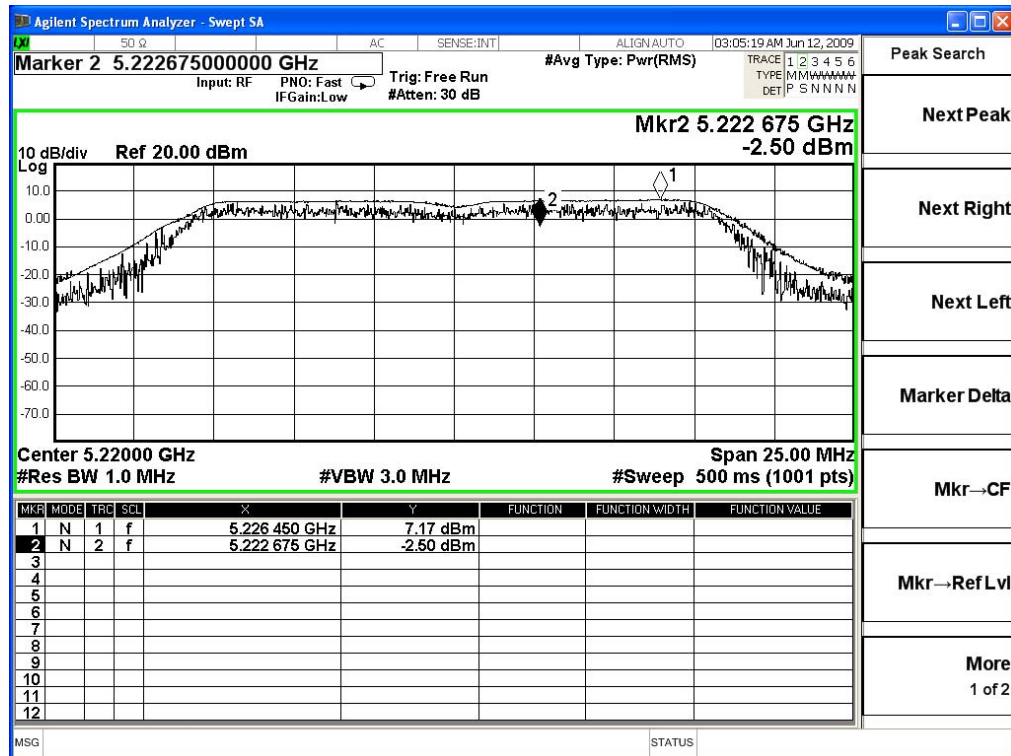
Product : Notebook P.C.
 Test Item : Peak Excursion
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmitter (802.11a-6Mbps)-Antenna 2

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
36	5180	7.41	<13	Pass
44	5220	9.67	<13	Pass
48	5240	7.85	<13	Pass
52	5260	9.02	<13	Pass
60	5300	7.89	<13	Pass
64	5320	8.46	<13	Pass

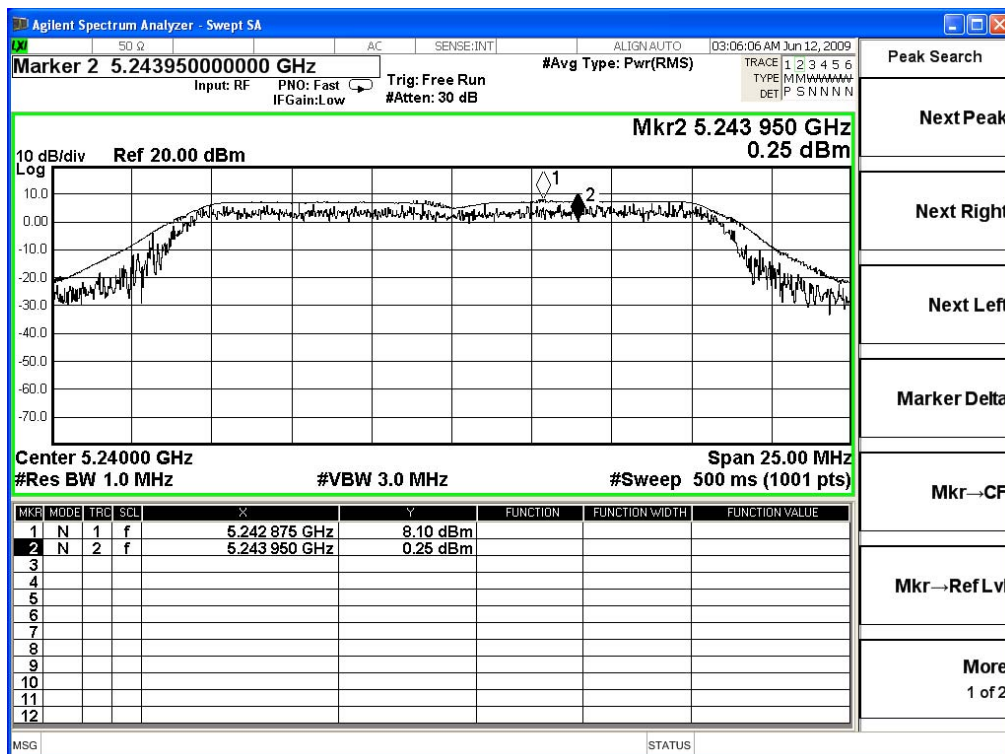
Channel 36:



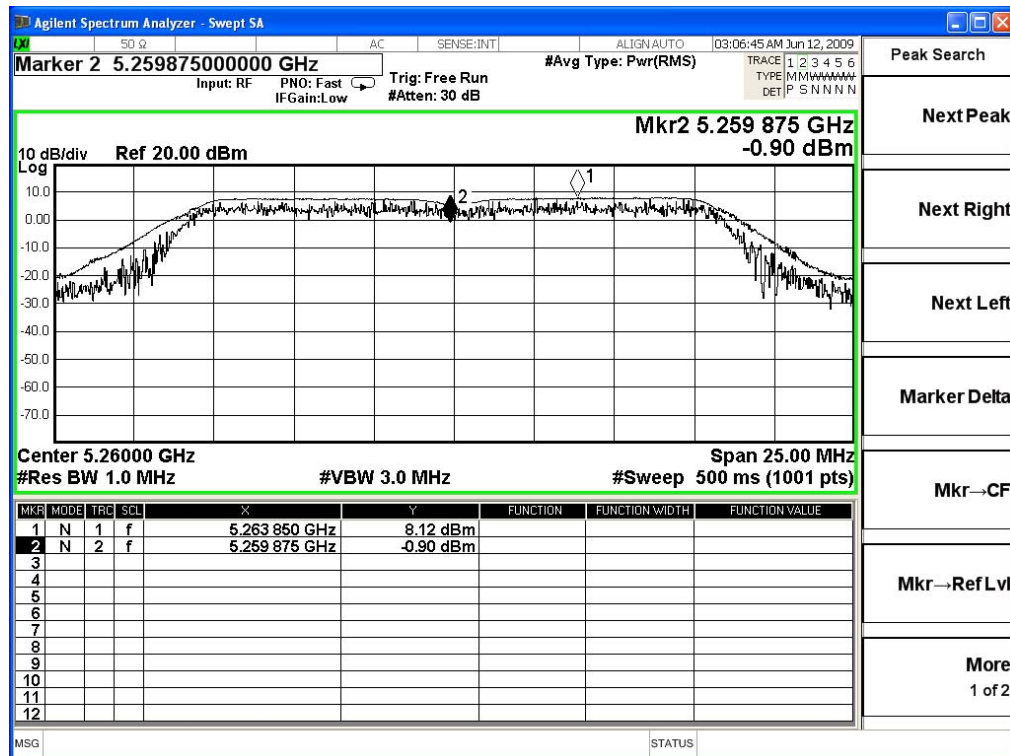
Channel 44:



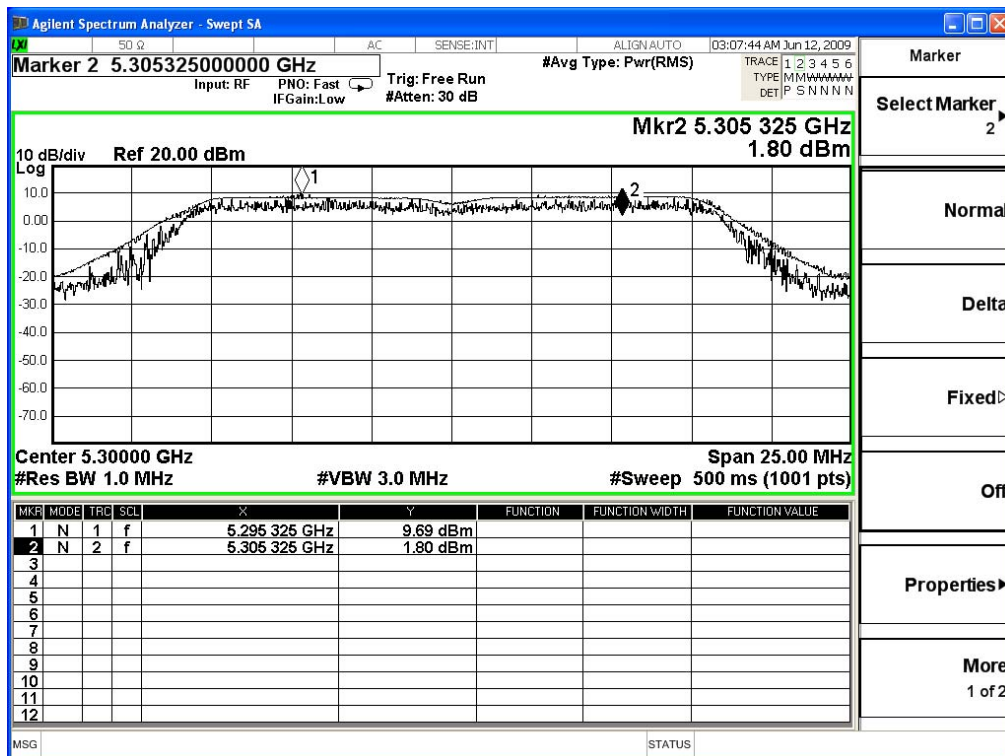
Channel 48:



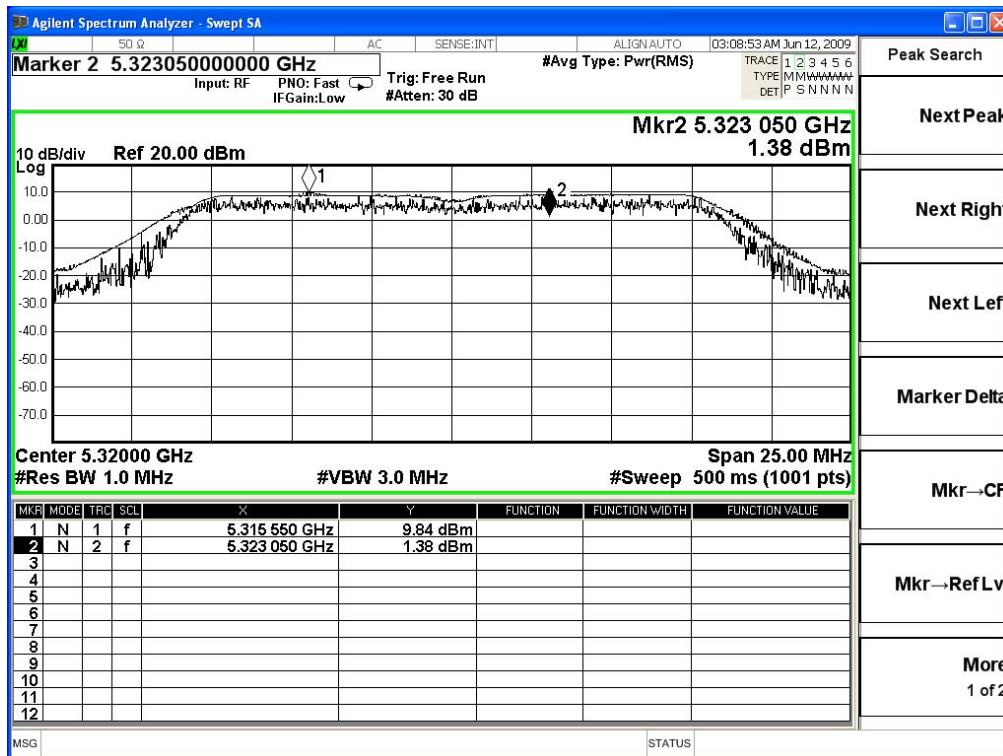
Channel 52:



Channel 60:



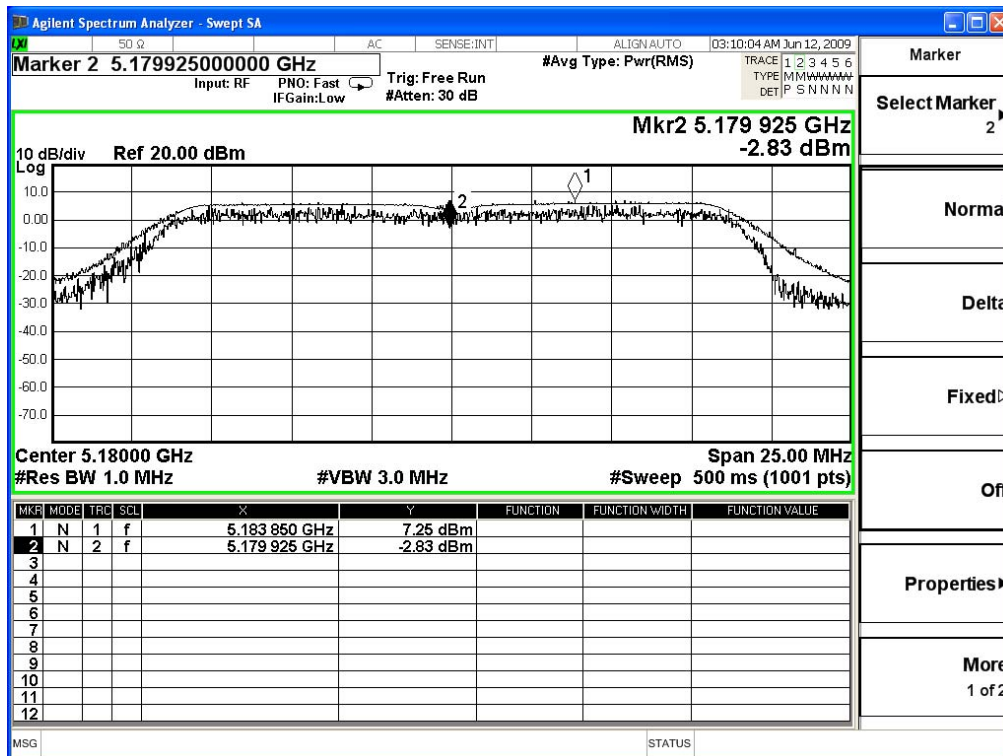
Channel 64:



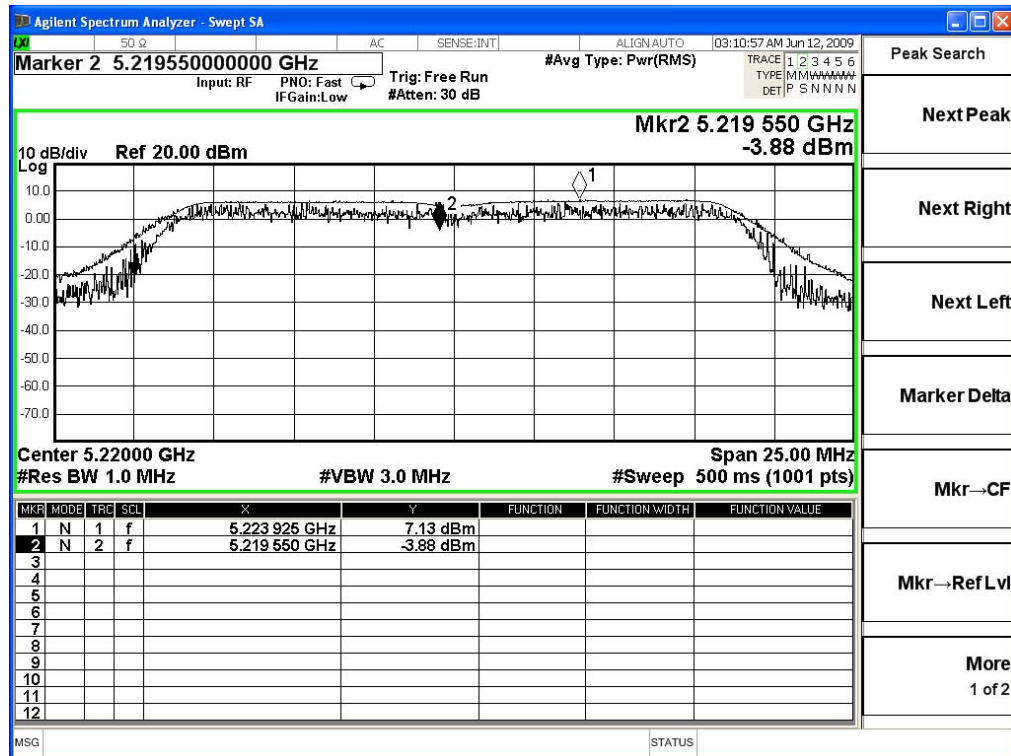
Product : Notebook P.C.
 Test Item : Peak Excursion
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmitter (802.11n-20BW 13.5Mbps)-Antenna 2

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
36	5180	10.08	<13	Pass
44	5220	11.01	<13	Pass
48	5240	11.32	<13	Pass
52	5260	11.84	<13	Pass
60	5300	11.15	<13	Pass
64	5320	11.38	<13	Pass

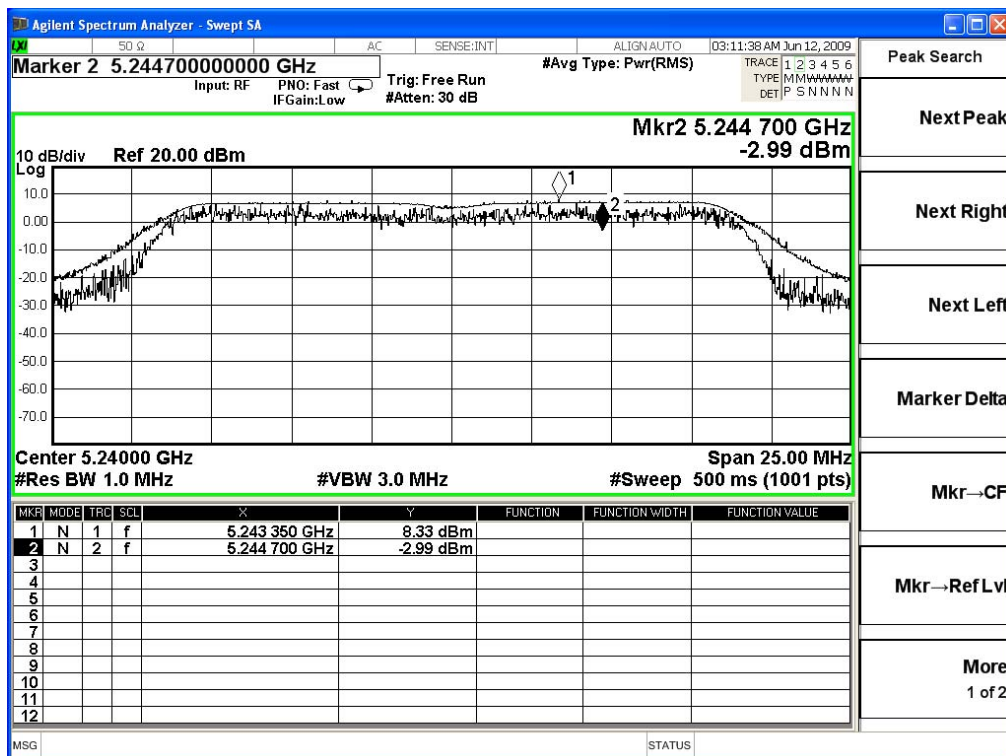
Channel 36:



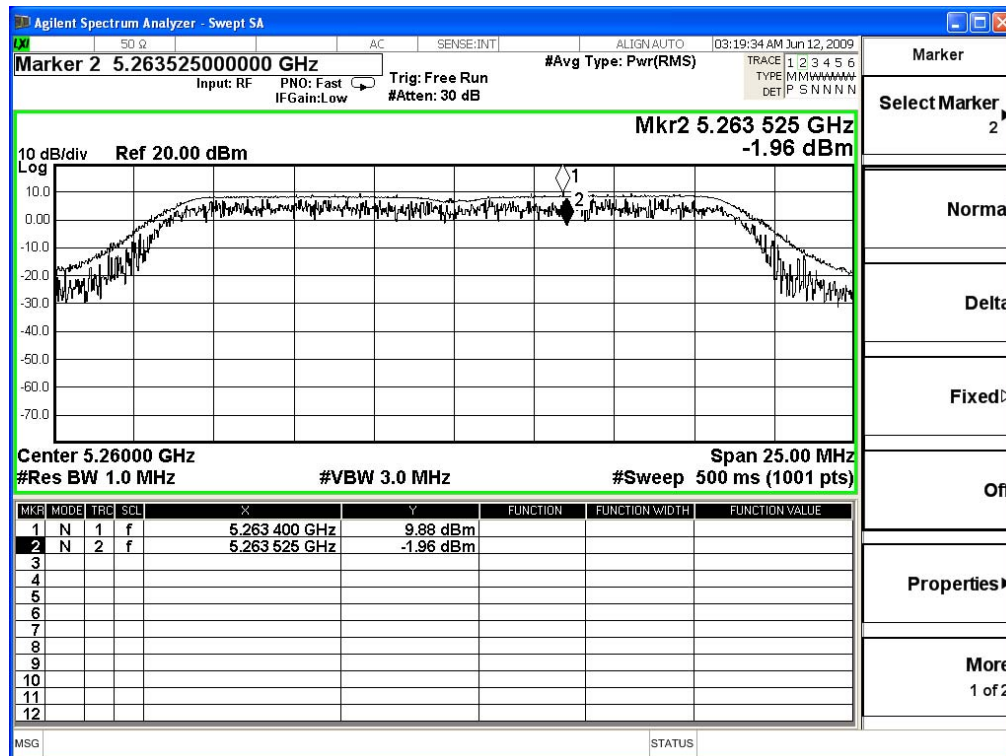
Channel 44:



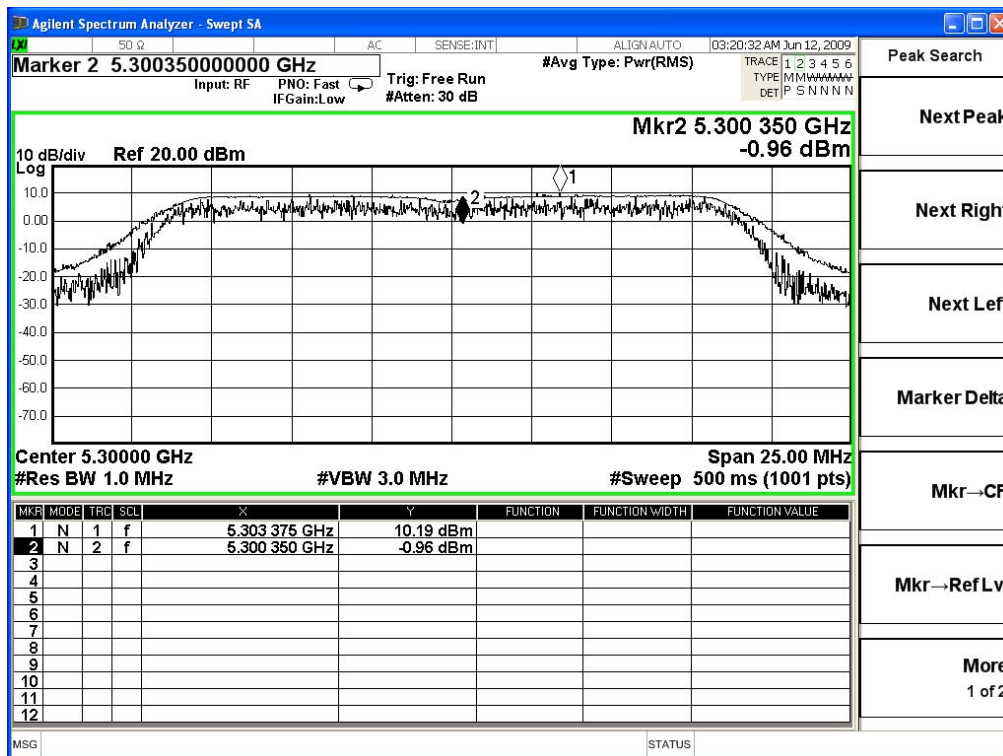
Channel 48:



Channel 52:



Channel 60:



Channel 64:

