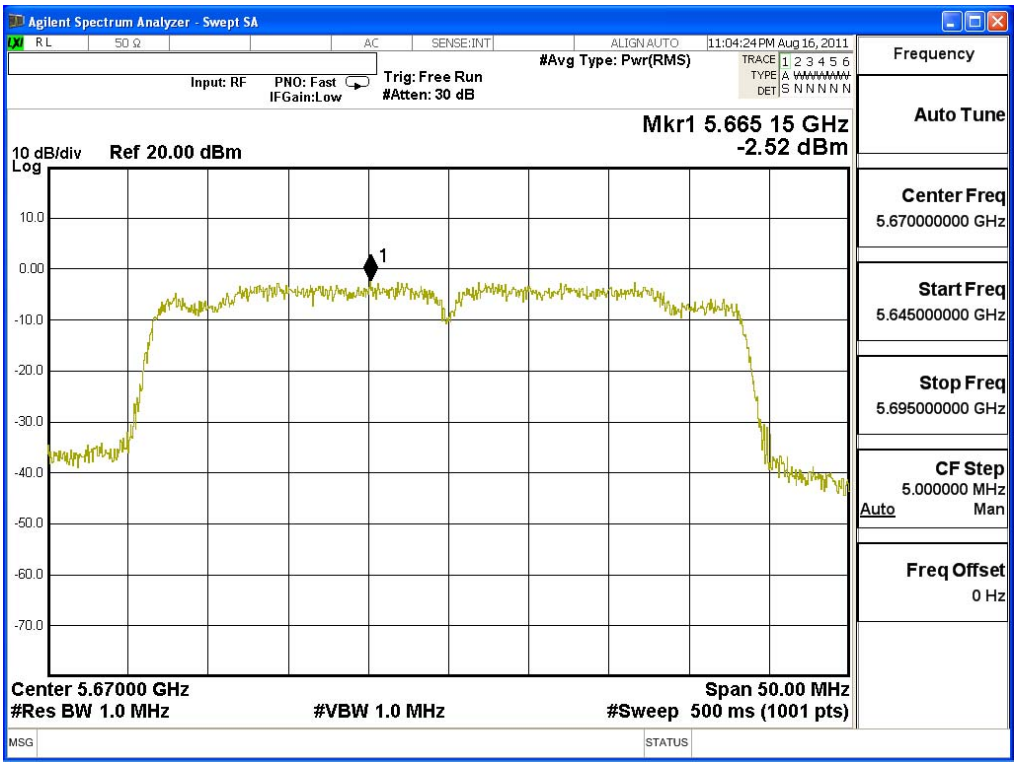
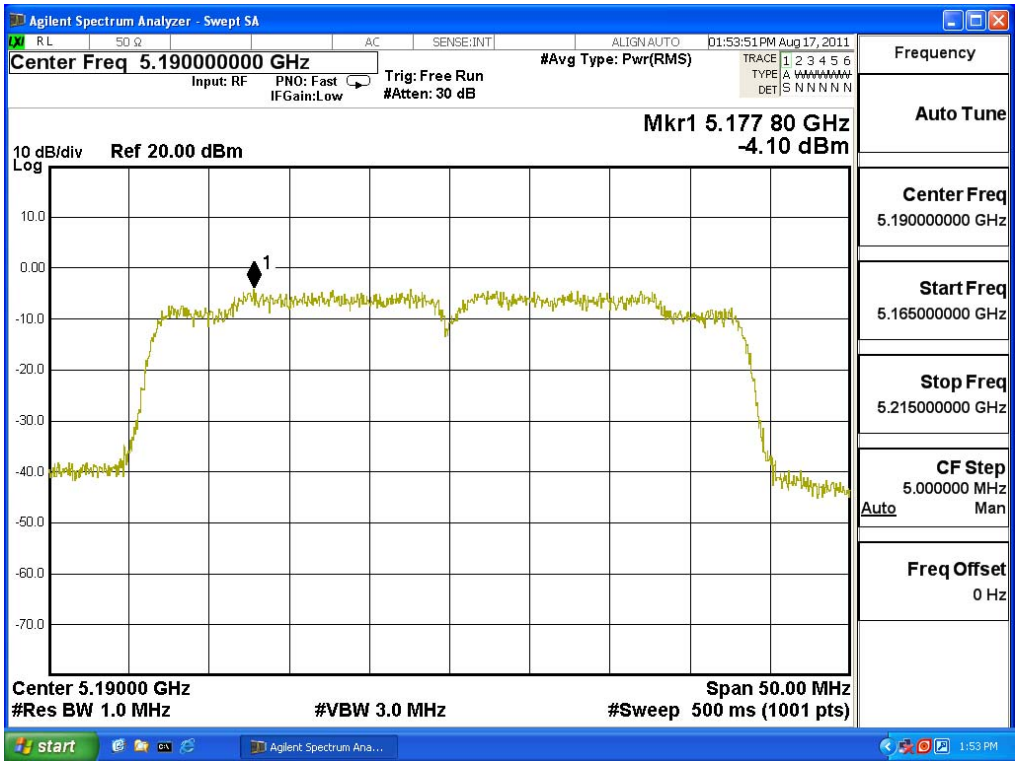
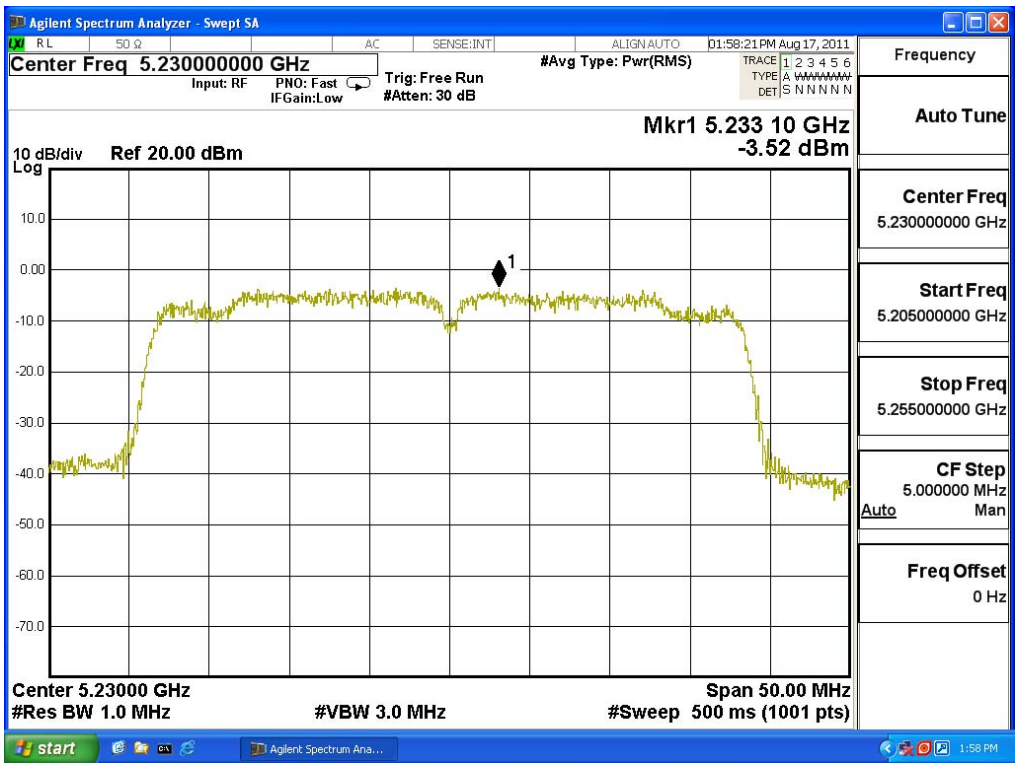
Channel 134 – Chain A



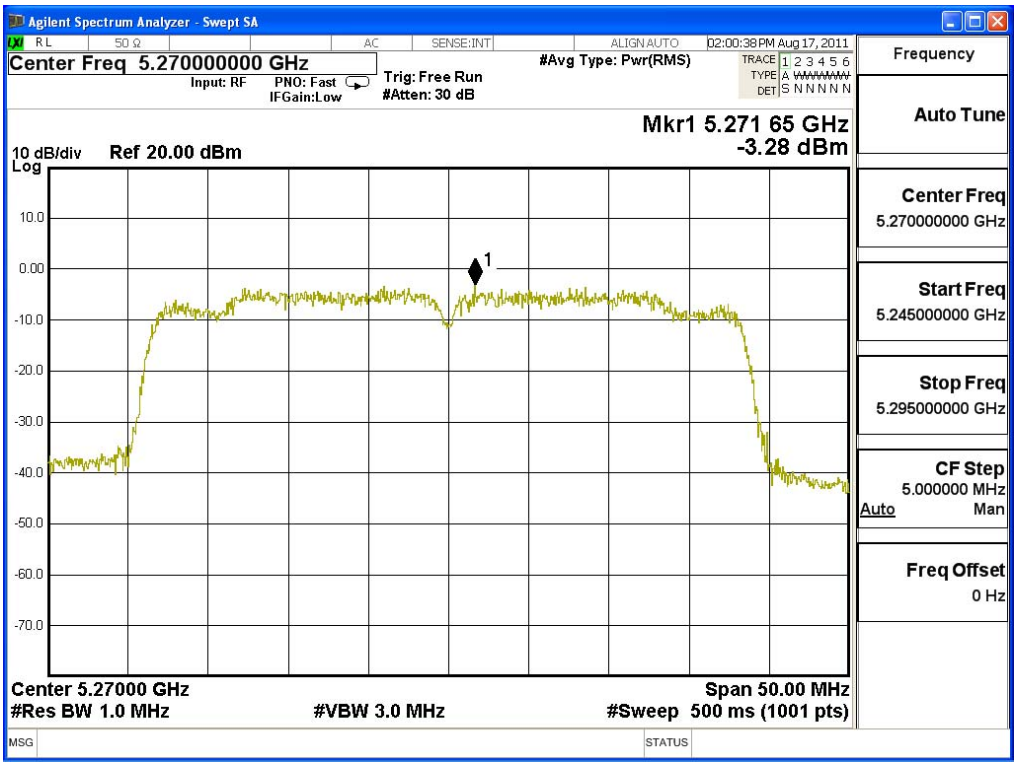
Channel 38 – Chain B



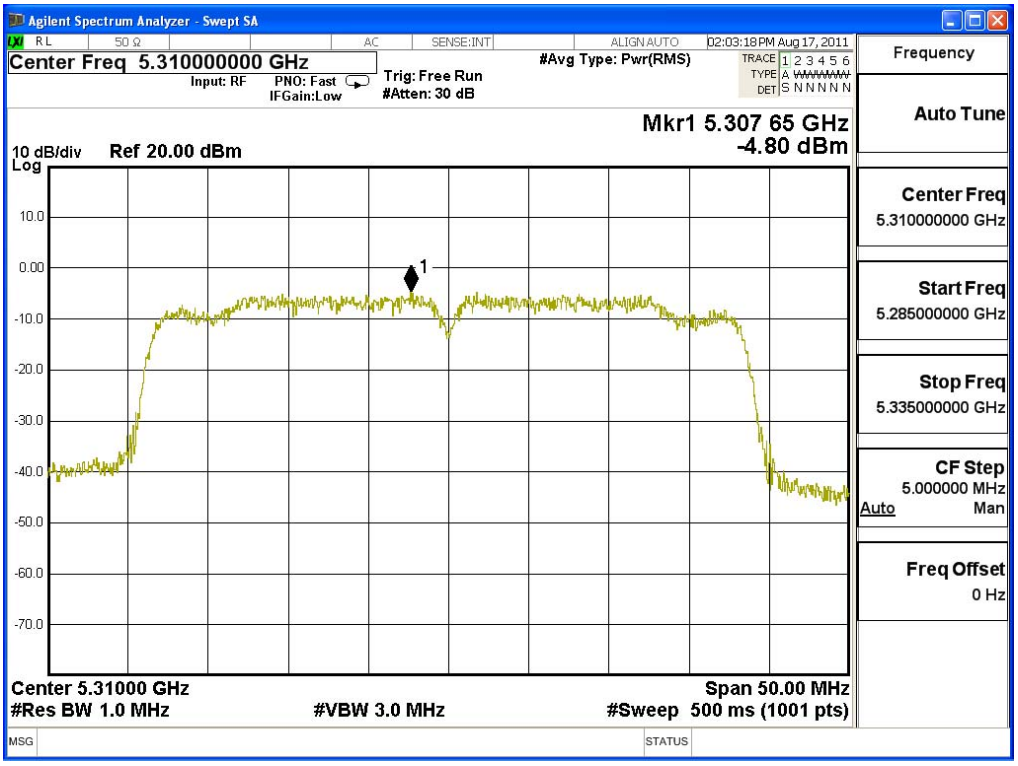
Channel 46 – Chain B



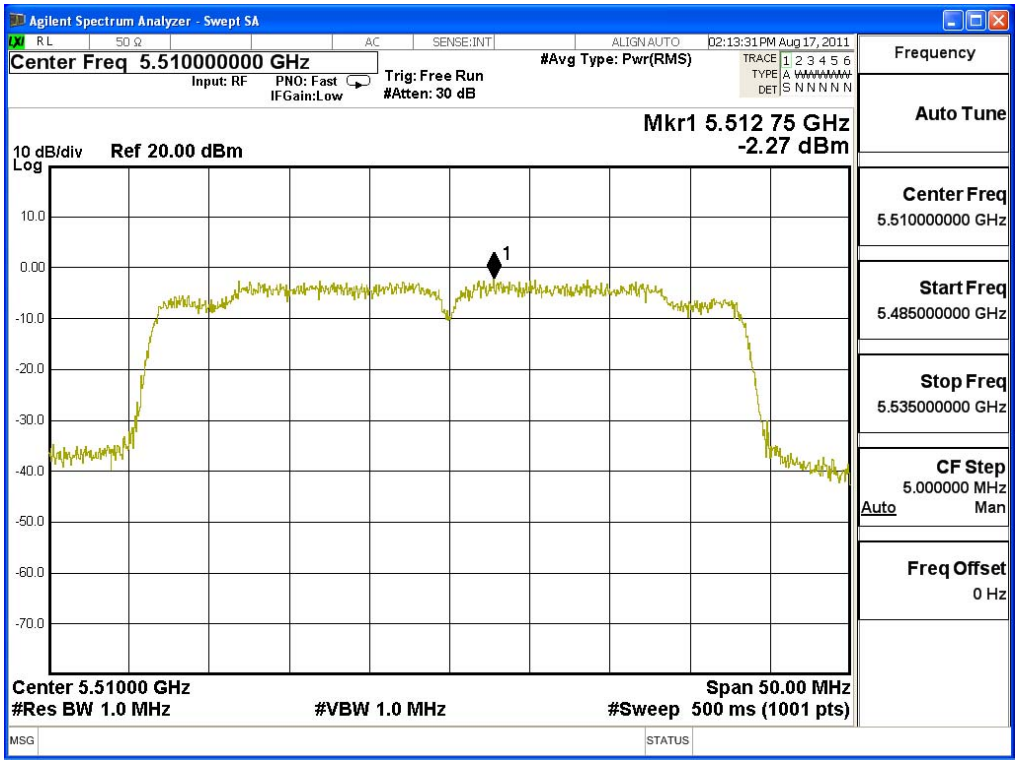
Channel 54 – Chain B



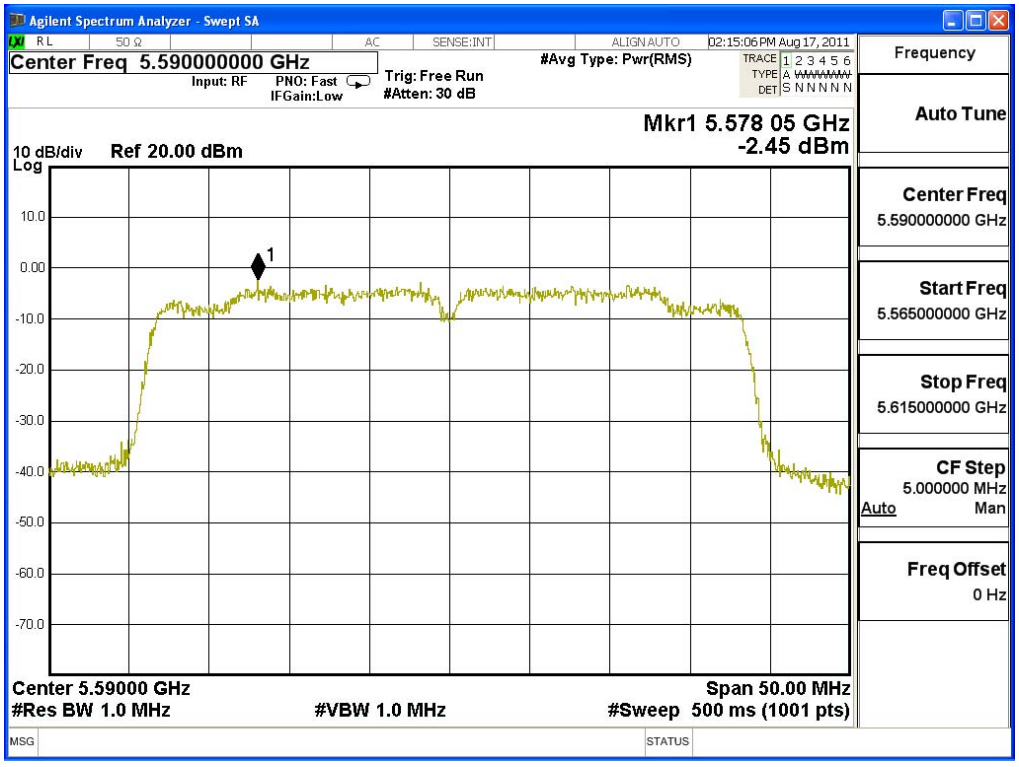
Channel 62 – Chain B



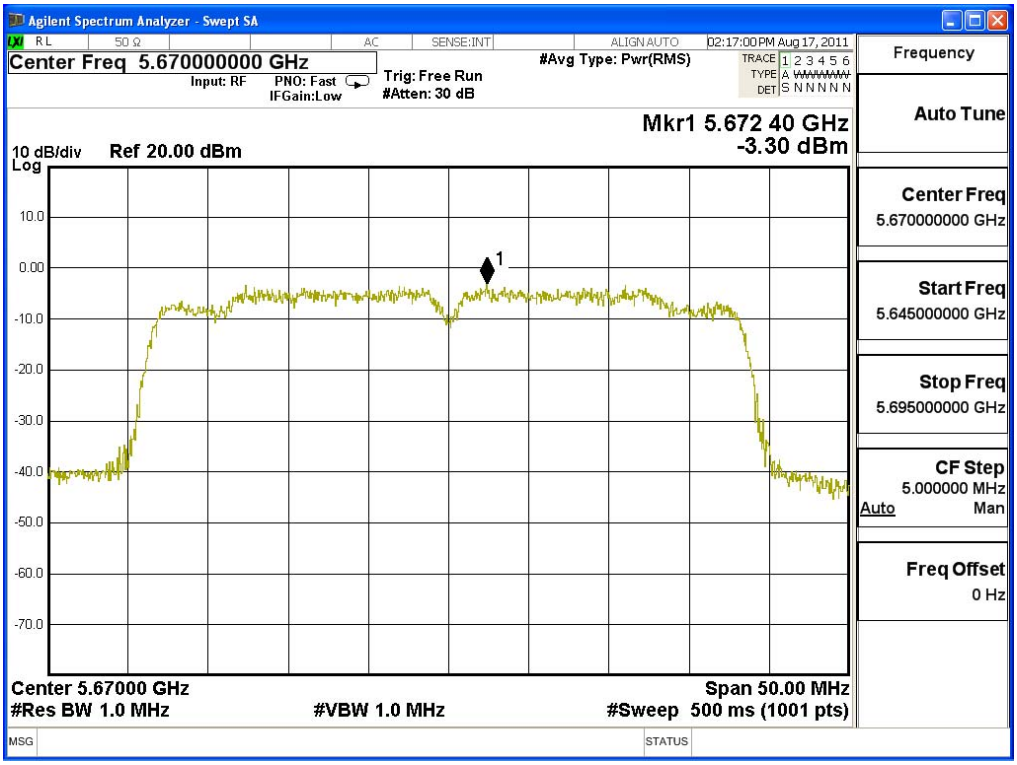
Channel 102 – Chain B



Channel 118 – Chain B



Channel 134 – Chain B



5. Peak Excursion

5.1. Test Equipment

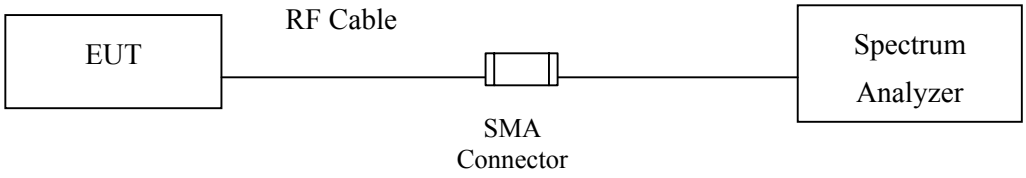
	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2011
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2011
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr.,2011

Note:

1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with "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 suing 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, 2009; tested to DTS test procedure of Aug 2002 DA 02-2138 for compliance to FCC 47CFR Subpart E requirements.

5.5. Uncertainty

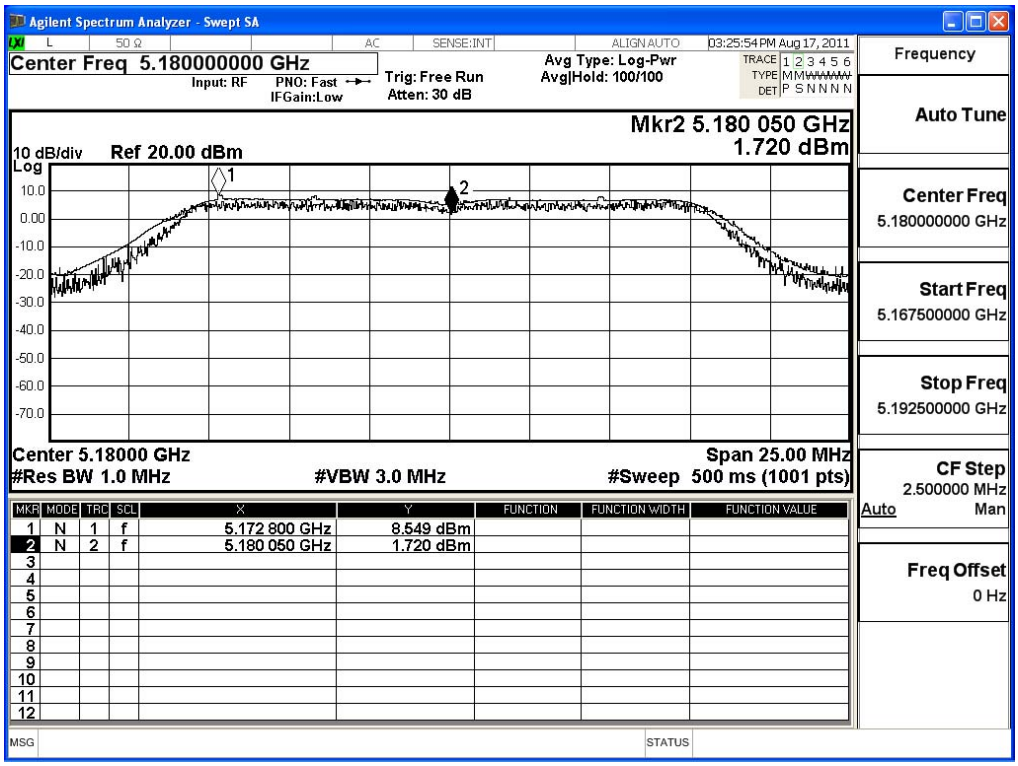
± 1.27 dB

5.6. Test Result of Peak Excursion

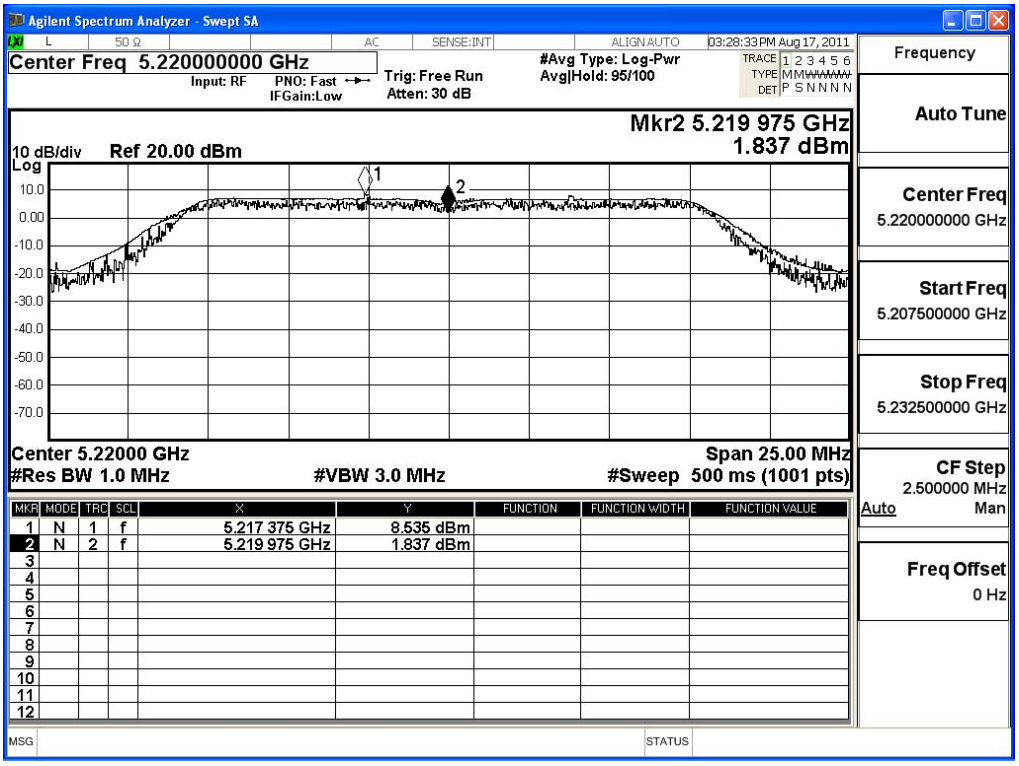
Product : Plug-In PC.
Test Item : Peak Excursion
Test Site : No.3 OATS
Test Mode : Mode 1: Transmitter (802.11a-6Mbps)

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
36	5180	6.829	<13	Pass
44	5220	6.698	<13	Pass
48	5240	6.393	<13	Pass
52	5260	5.843	<13	Pass
60	5300	6.050	<13	Pass
64	5320	6.631	<13	Pass
100	5500	5.341	<13	Pass
120	5600	6.408	<13	Pass
140	5700	5.259	<13	Pass

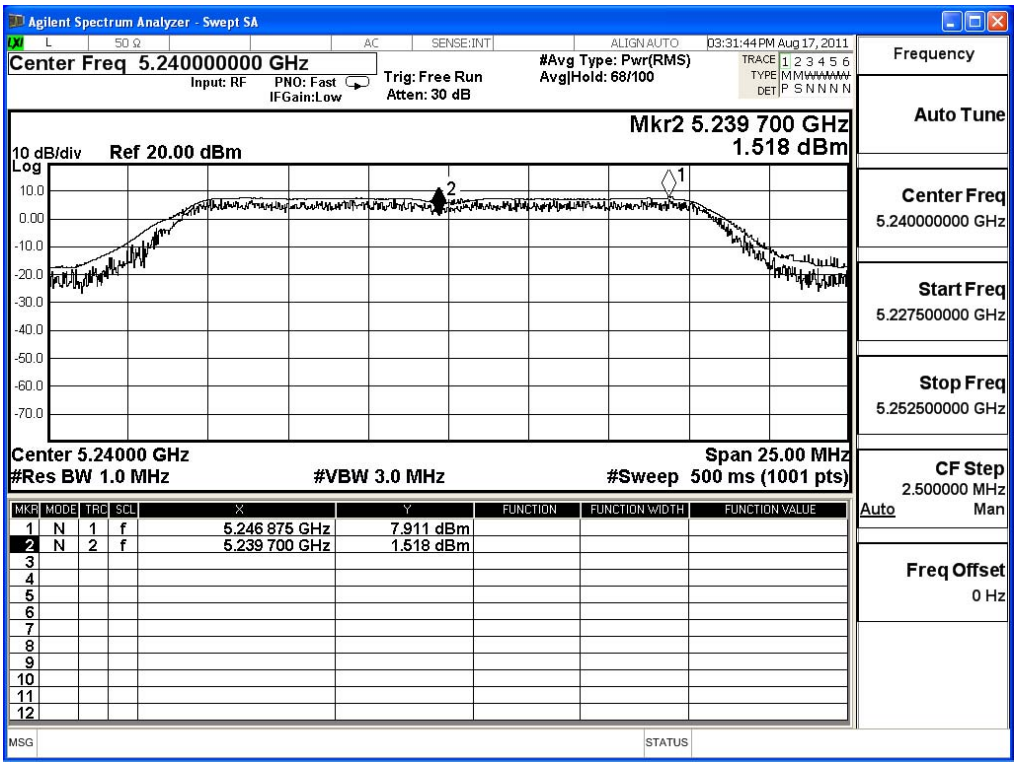
Channel 36:



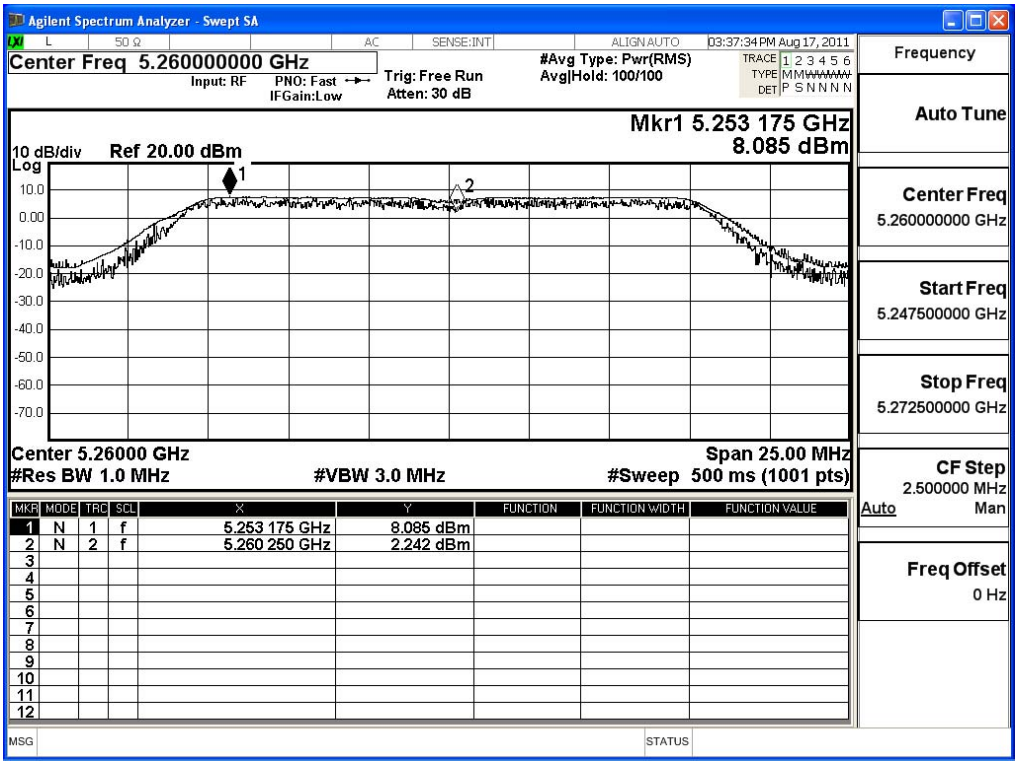
Channel 44:



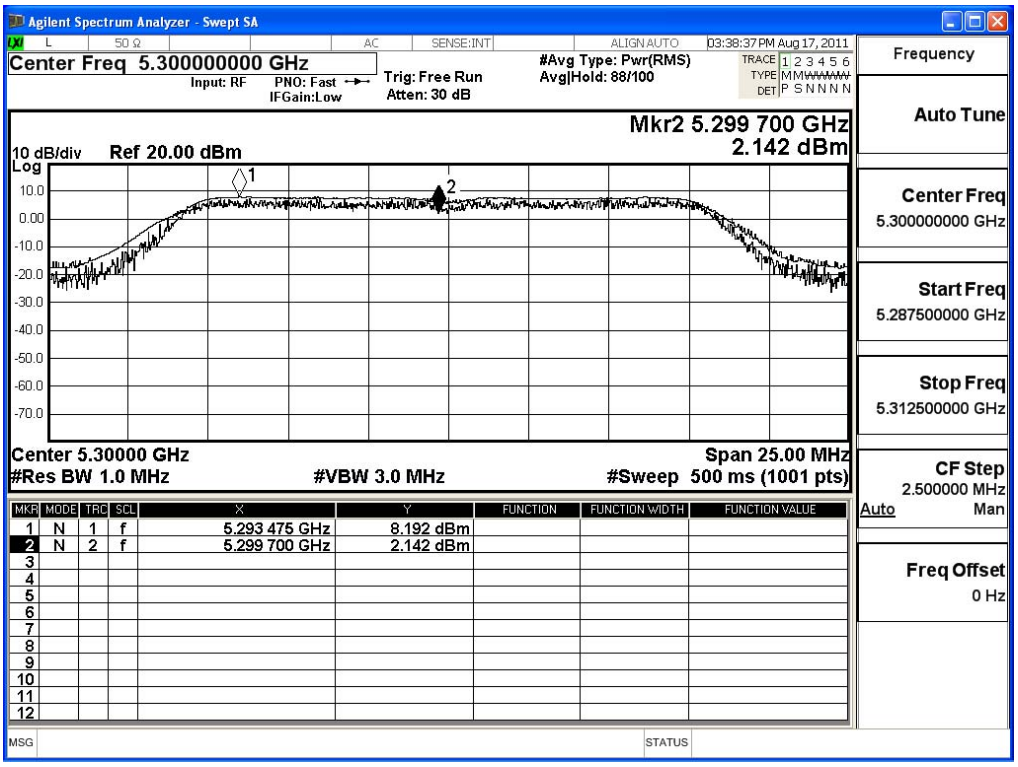
Channel 48:



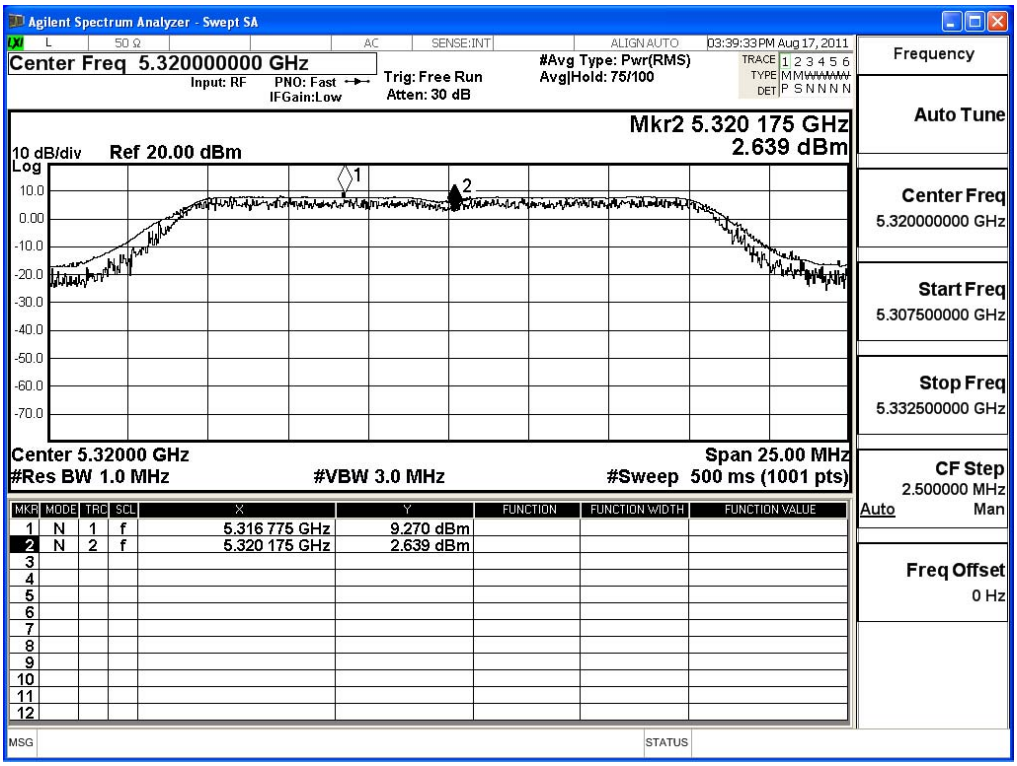
Channel 52:



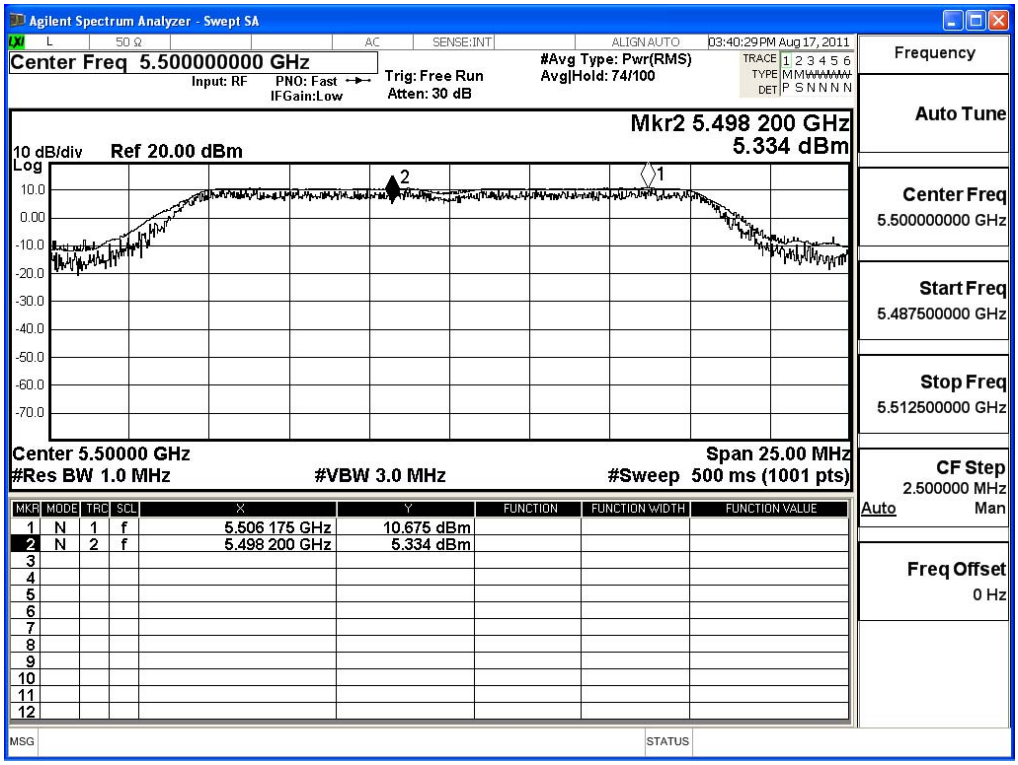
Channel 60:



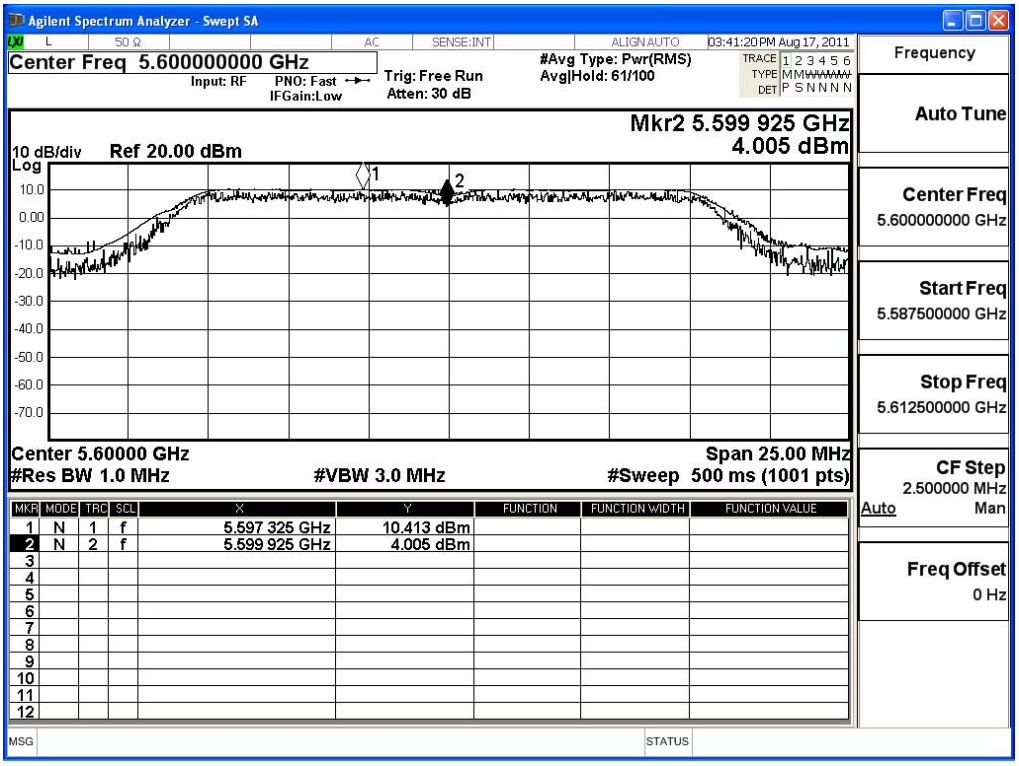
Channel 64:



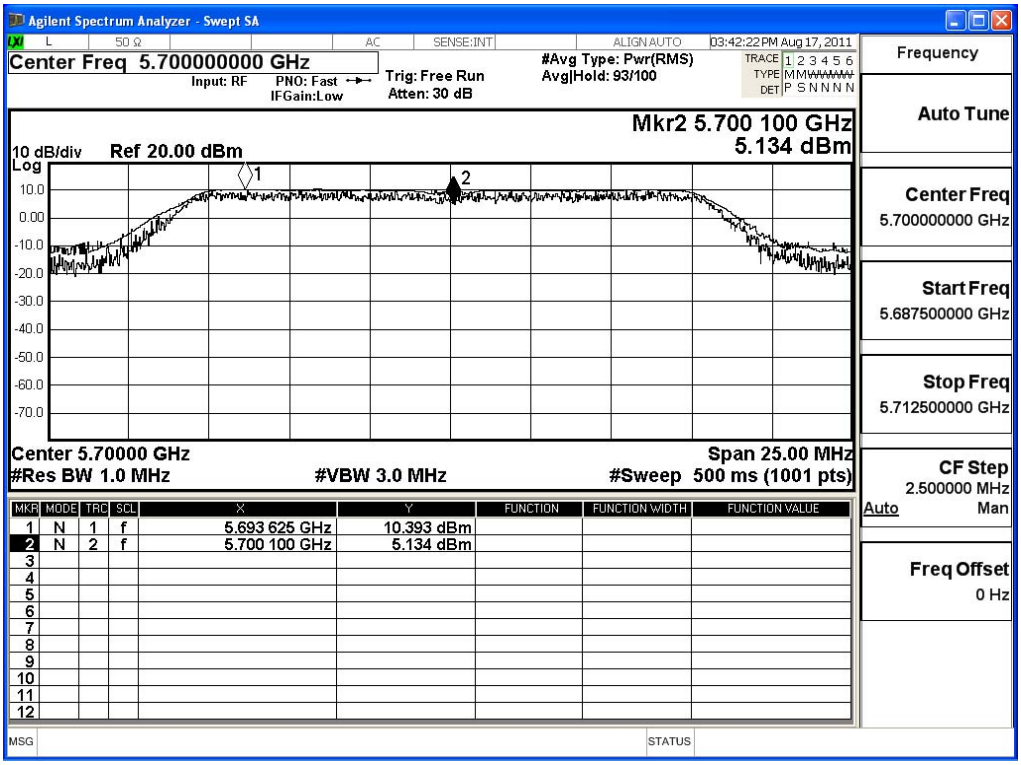
Channel 100:



Channel 120:



Channel 140:

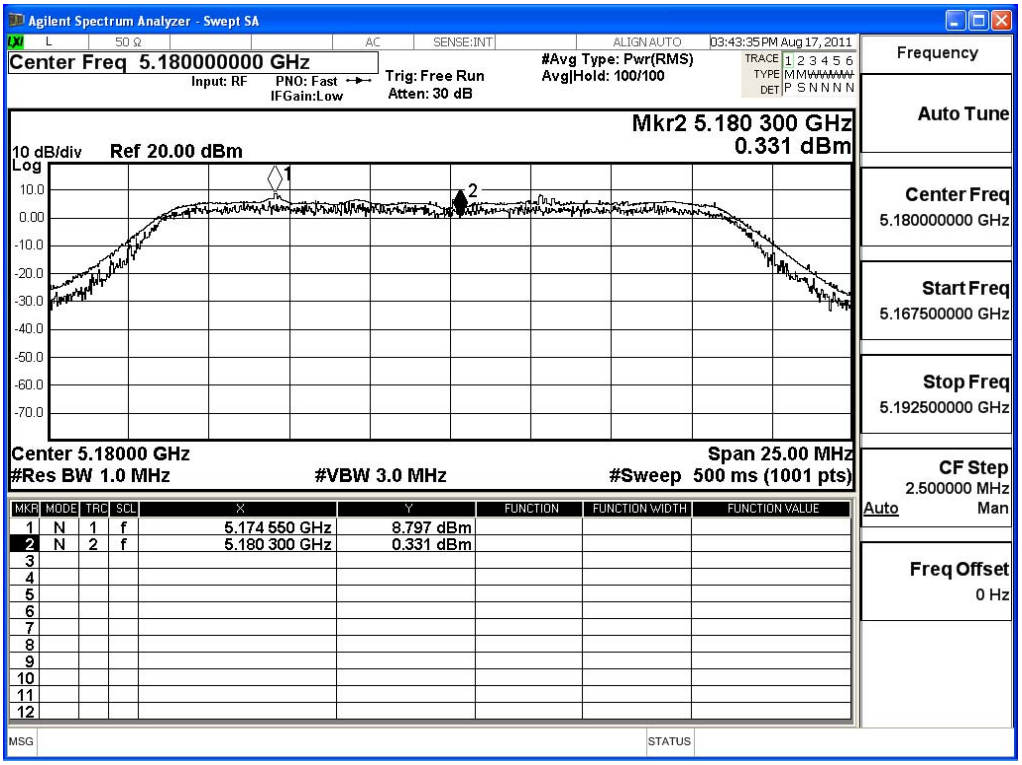


Product : Plug-In PC.
Test Item : Peak Excursion
Test Site : No.3 OATS
Test Mode : Mode 2: Transmitter (802.11n-20BW 14.4Mbps)

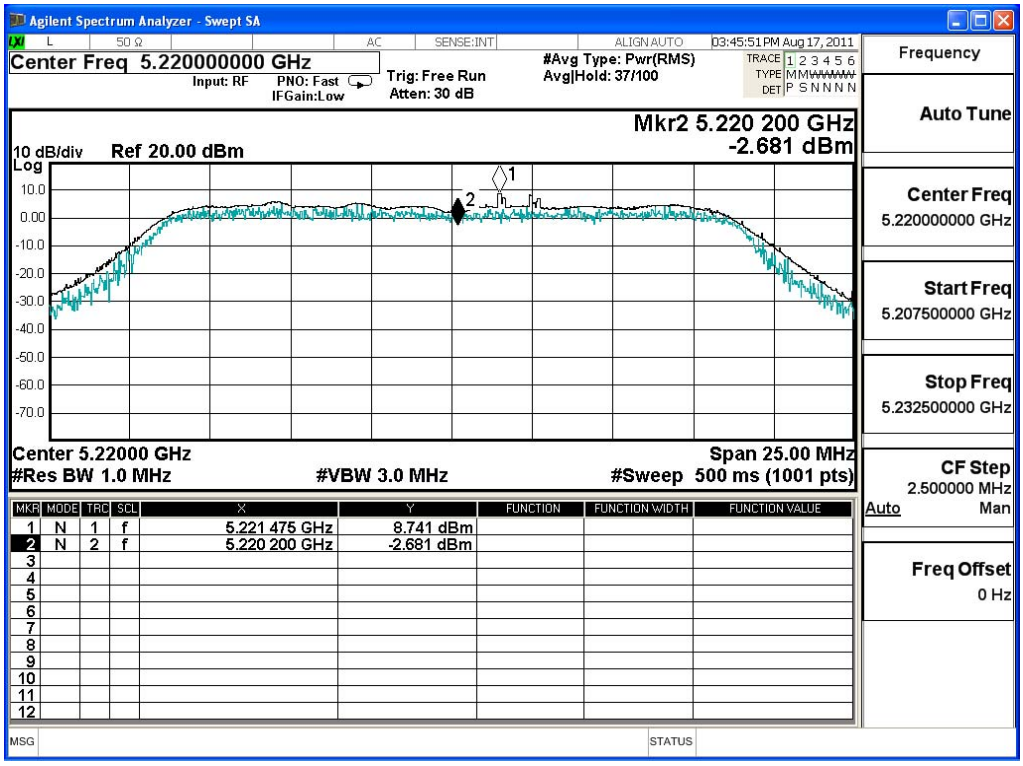
Chain A

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
36	5180	8.466	<13	Pass
44	5220	11.422	<13	Pass
48	5240	12.009	<13	Pass
52	5260	9.014	<13	Pass
60	5300	4.881	<13	Pass
64	5320	8.484	<13	Pass
100	5500	9.446	<13	Pass
120	5600	8.466	<13	Pass
140	5700	8.429	<13	Pass

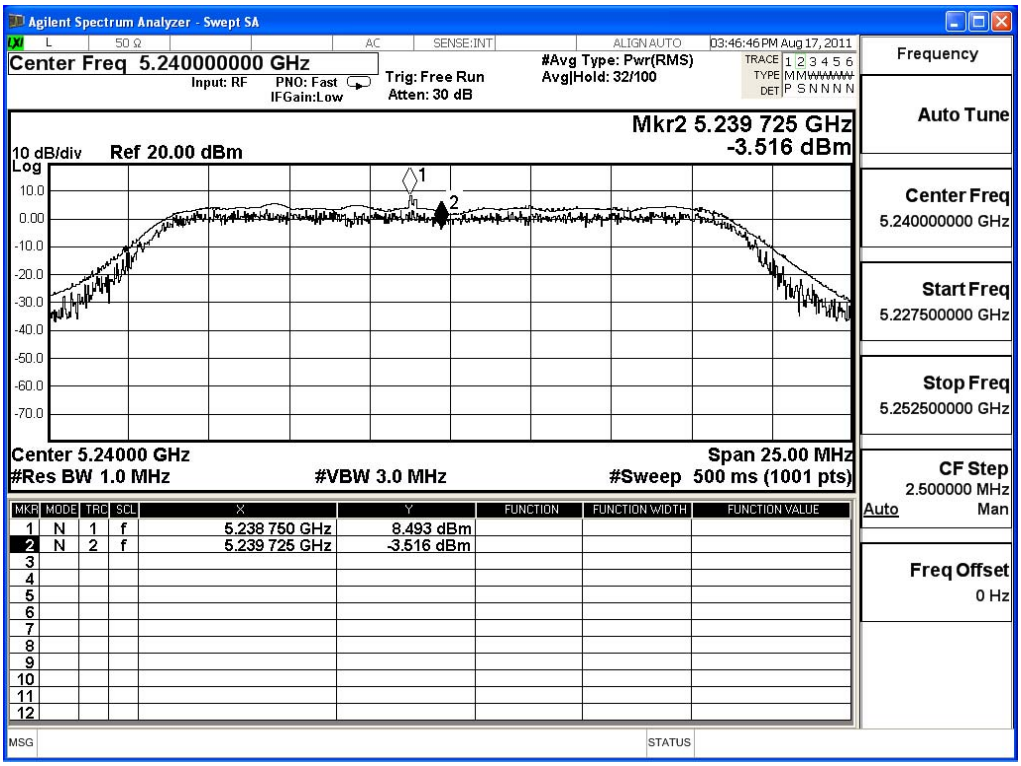
Channel 36:



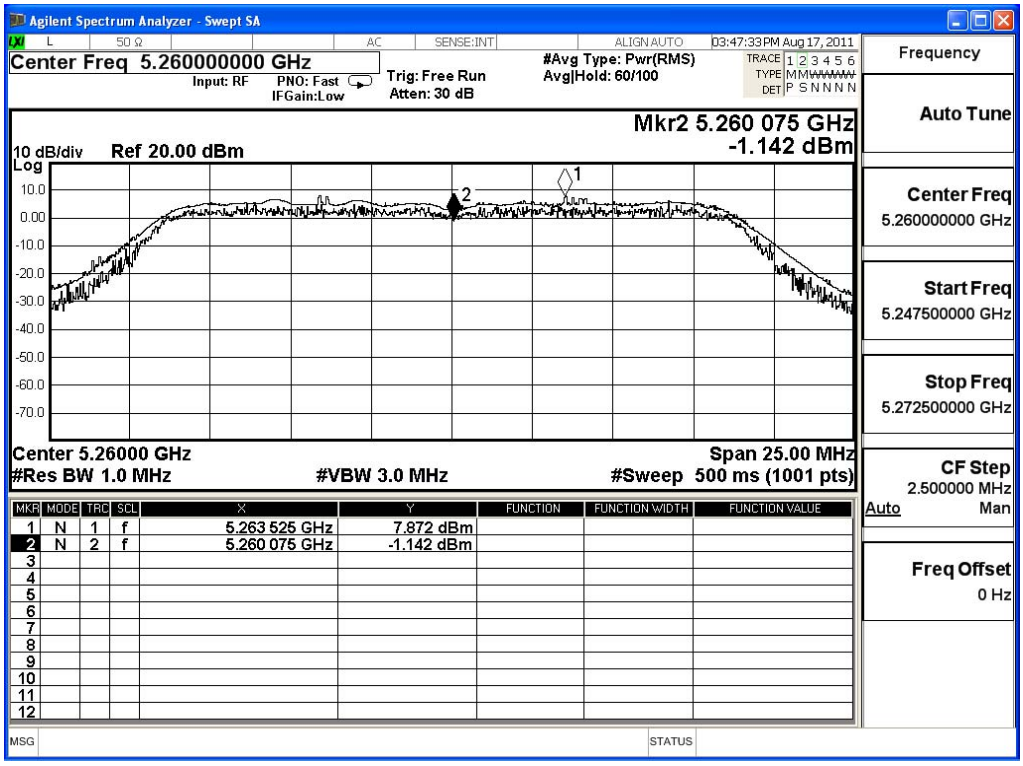
Channel 44:



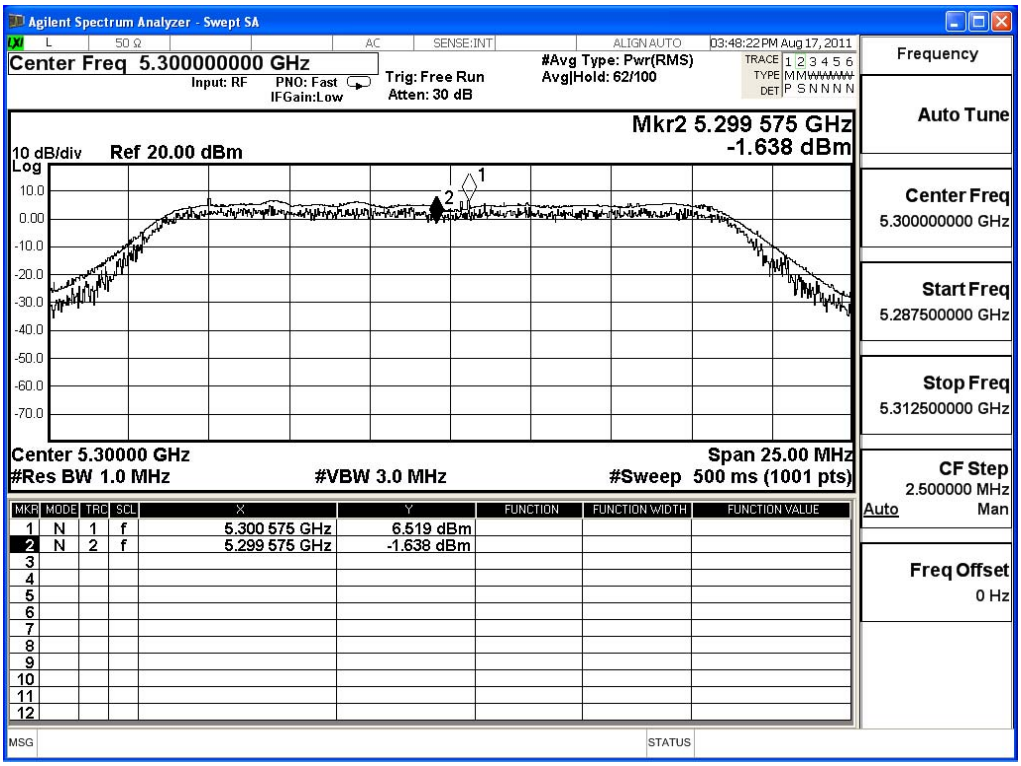
Channel 48:



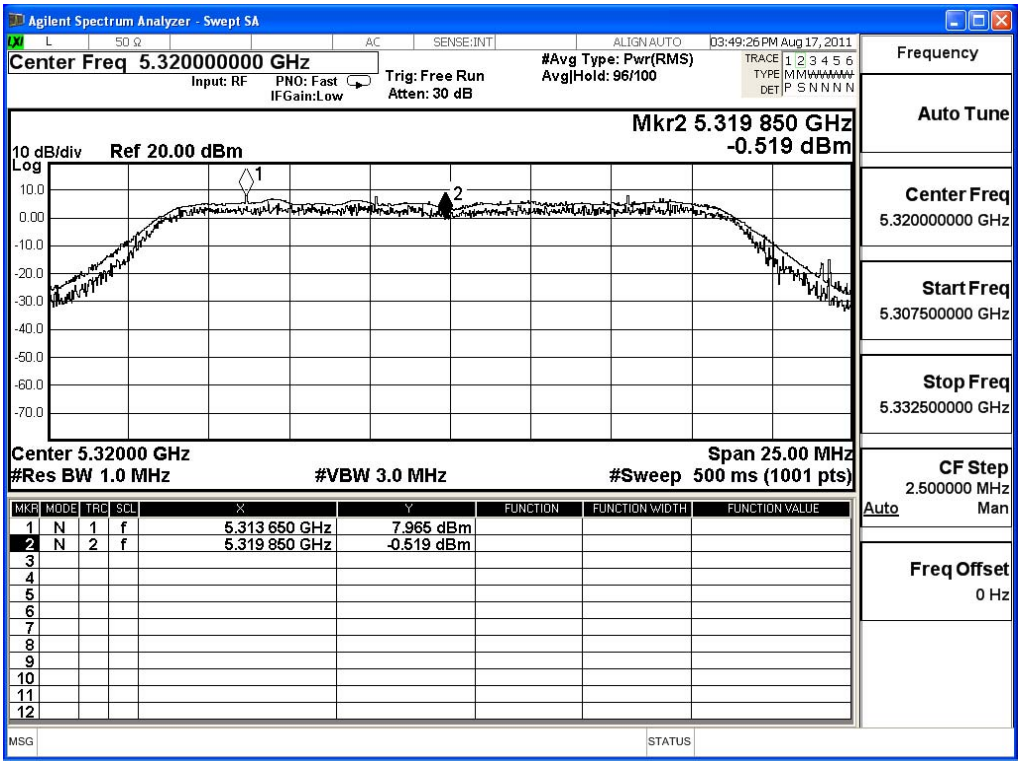
Channel 52:



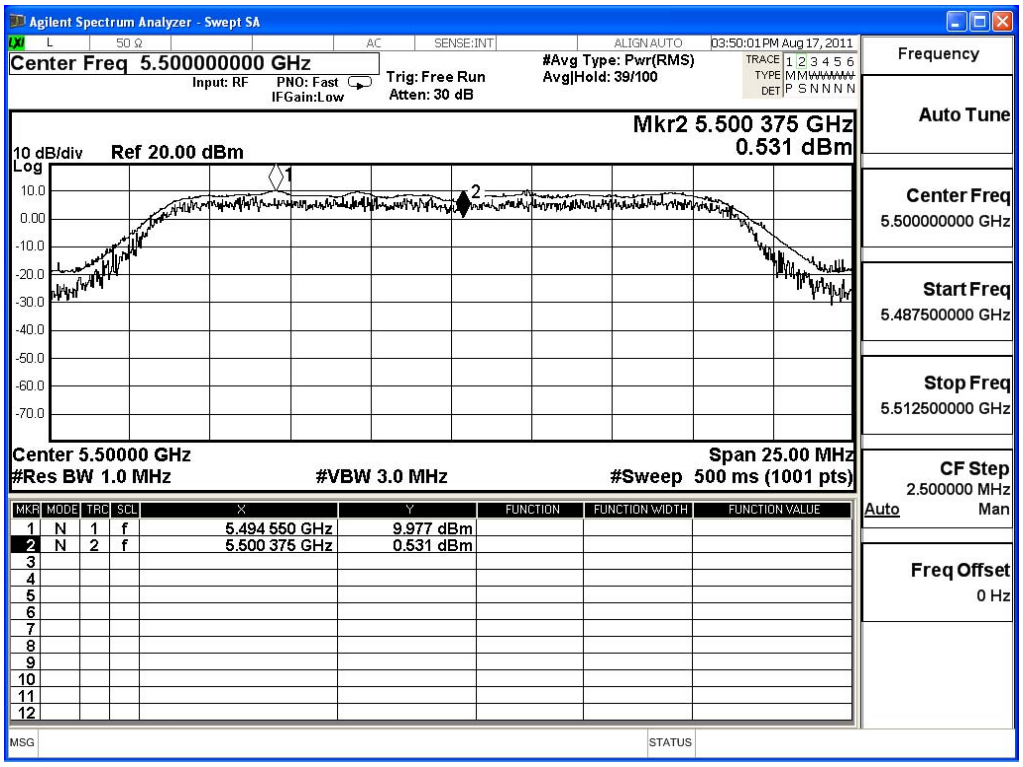
Channel 60:



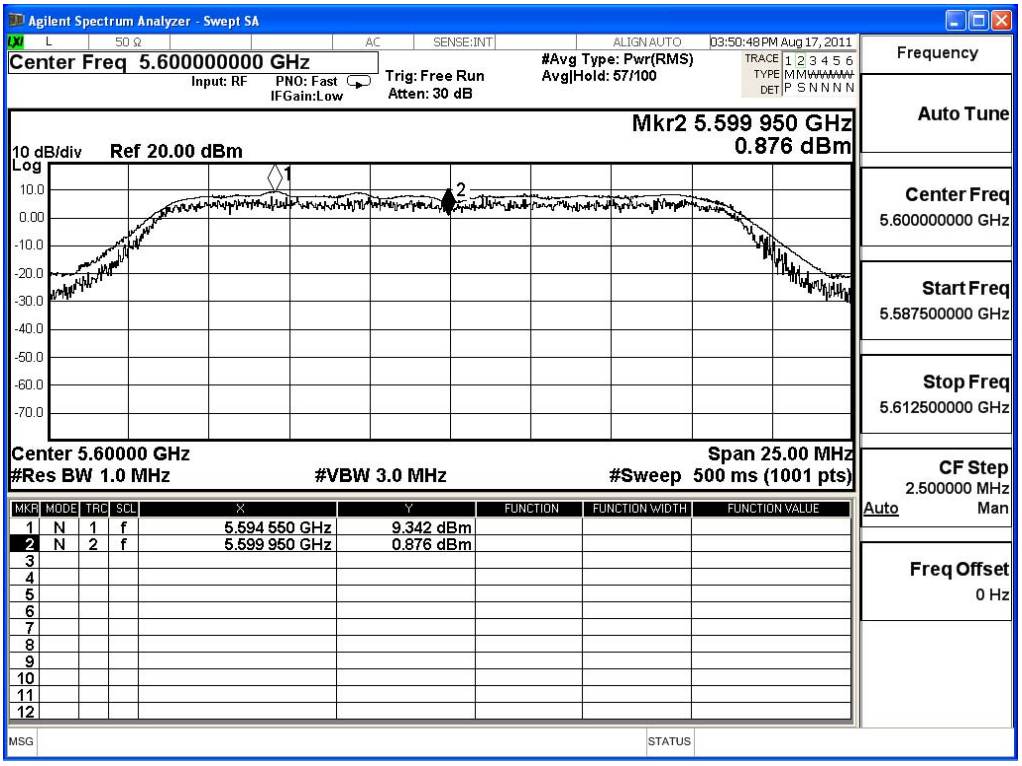
Channel 64:



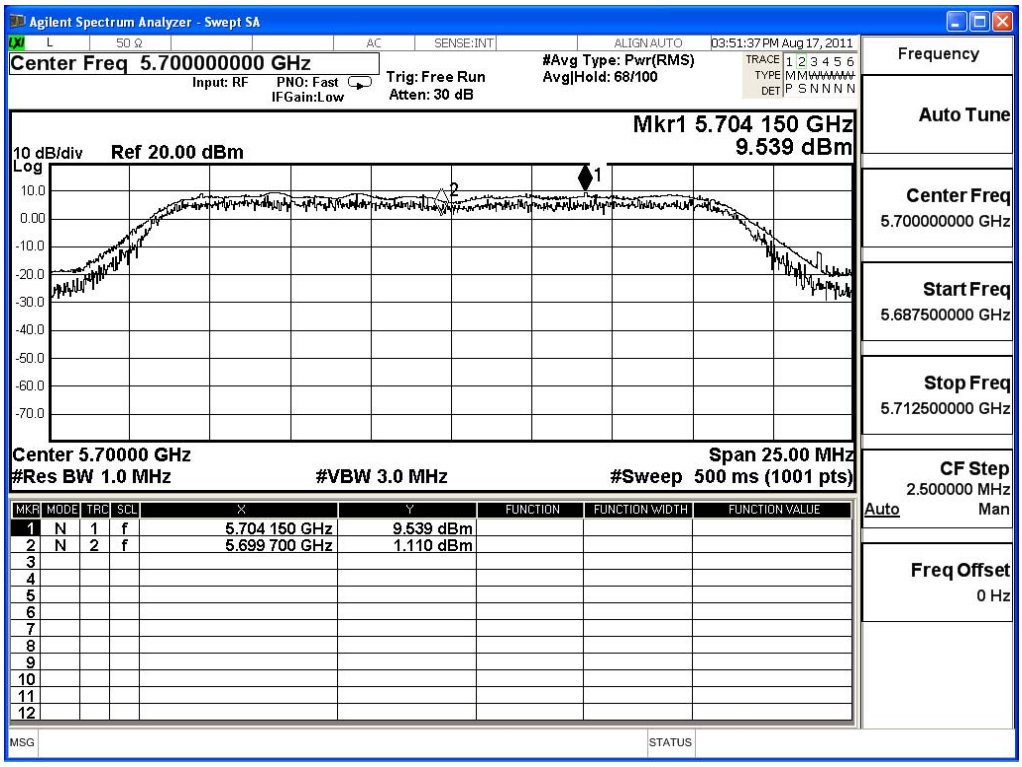
Channel 100:



Channel 120:



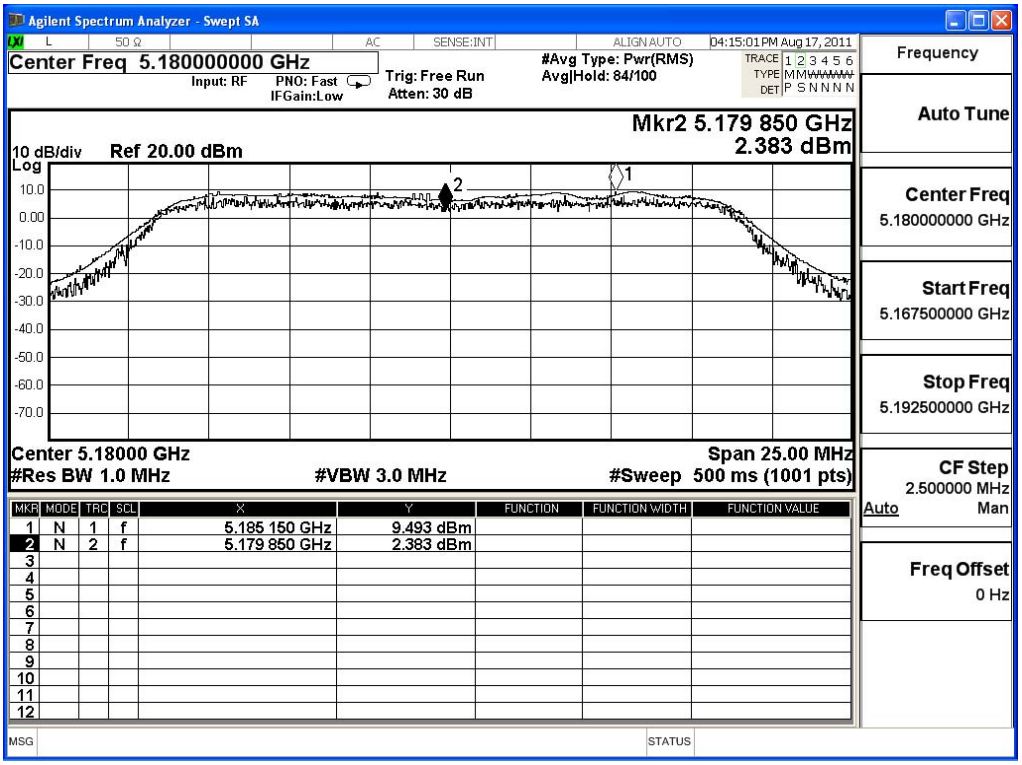
Channel 140:



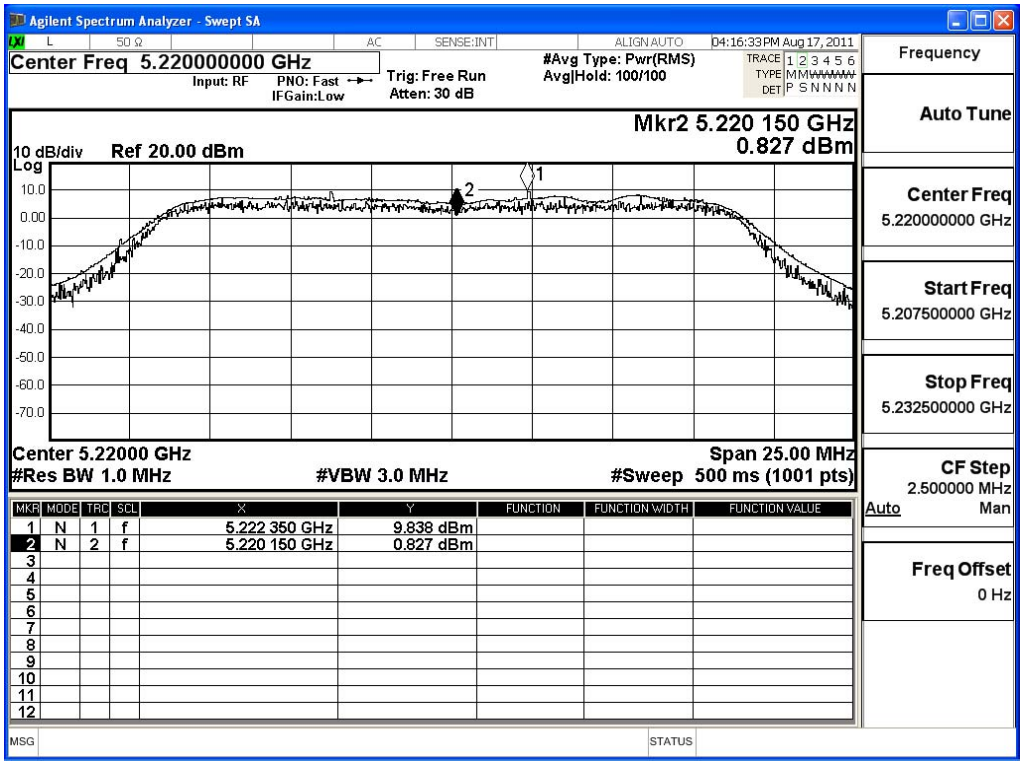
Chain B

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
36	5180	7.110	<13	Pass
44	5220	9.011	<13	Pass
48	5240	9.034	<13	Pass
52	5260	10.412	<13	Pass
60	5300	8.241	<13	Pass
64	5320	8.839	<13	Pass
100	5500	8.603	<13	Pass
120	5600	10.921	<13	Pass
140	5700	10.469	<13	Pass

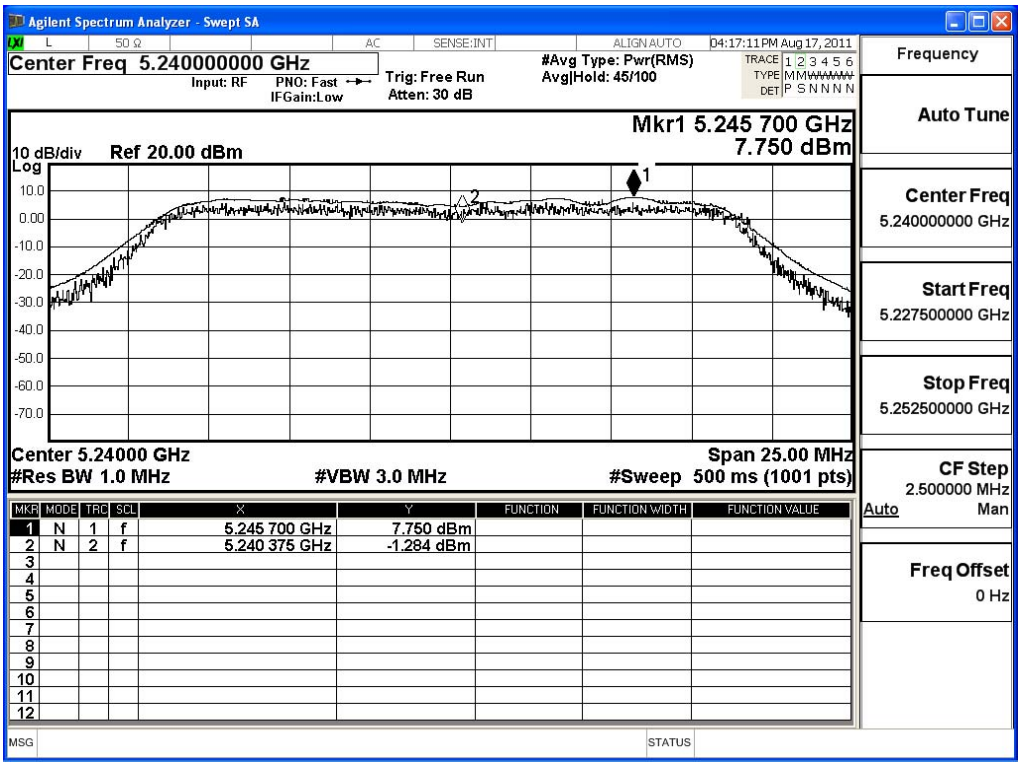
Channel 36:



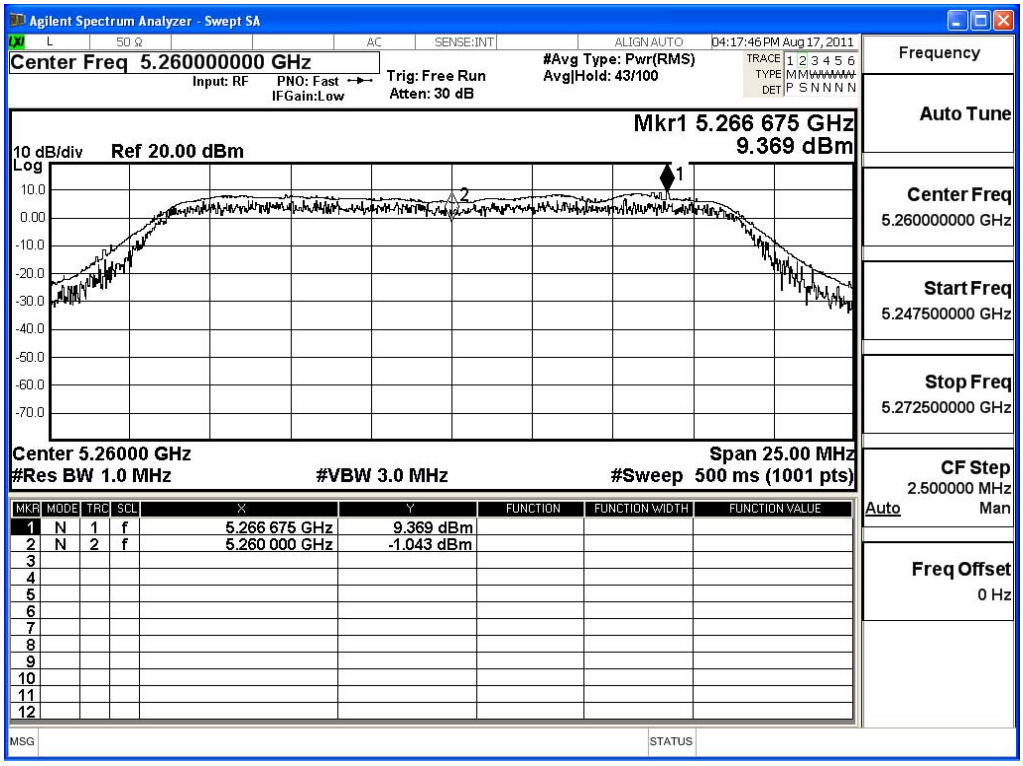
Channel 44:



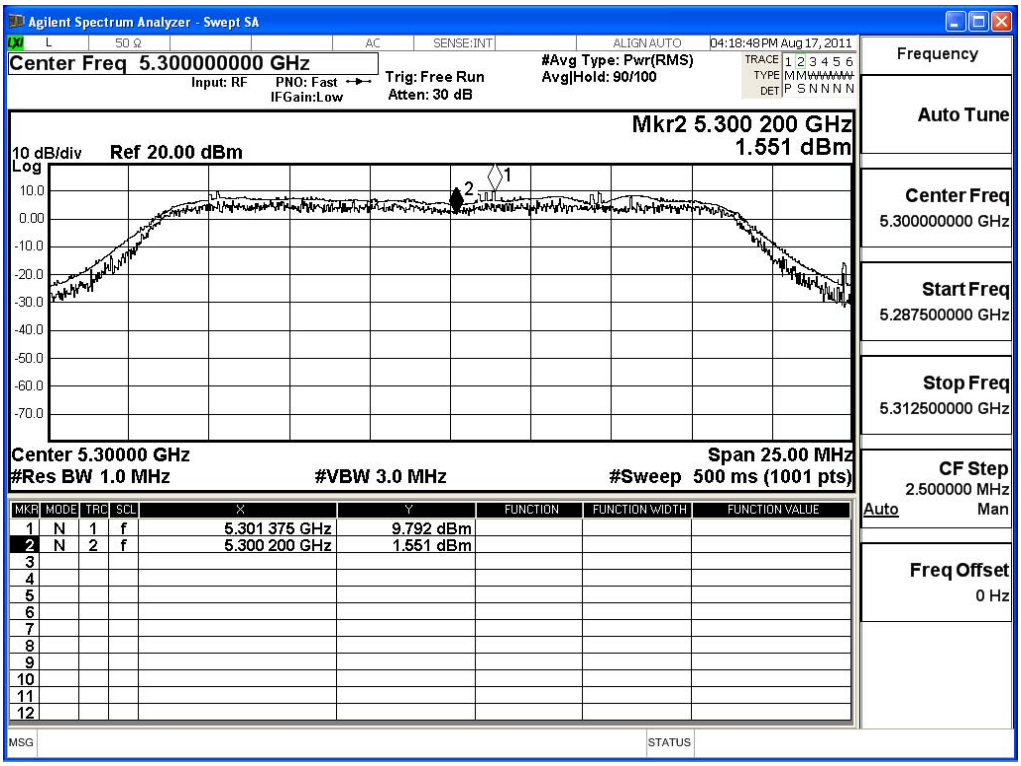
Channel 48:



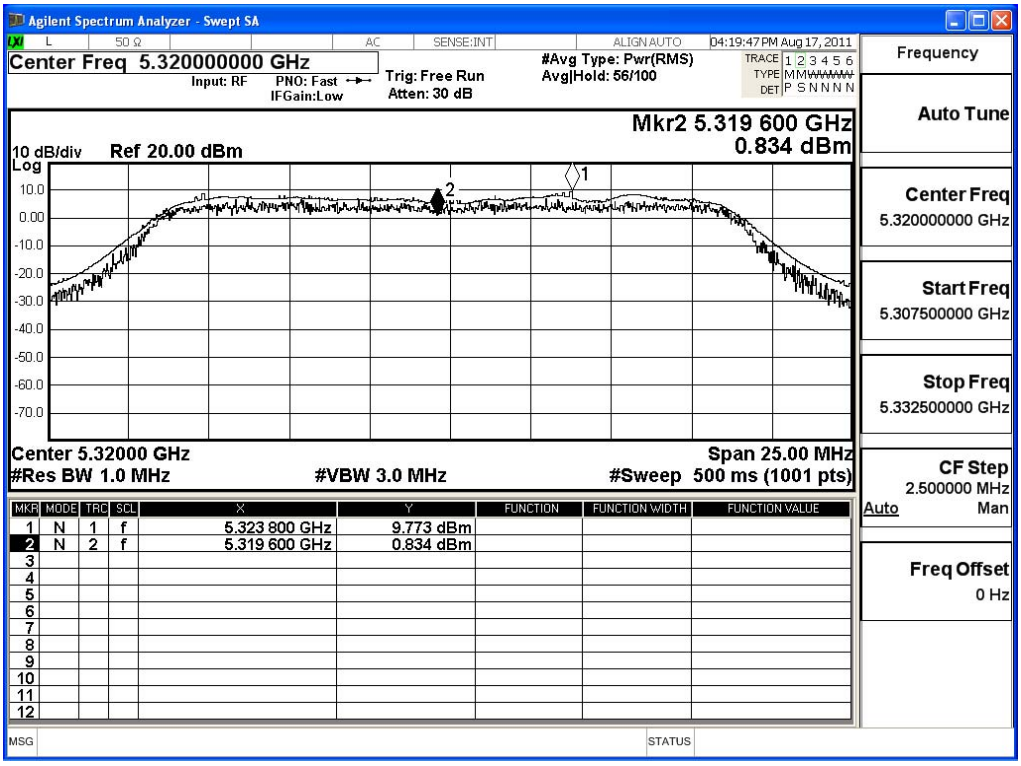
Channel 52:



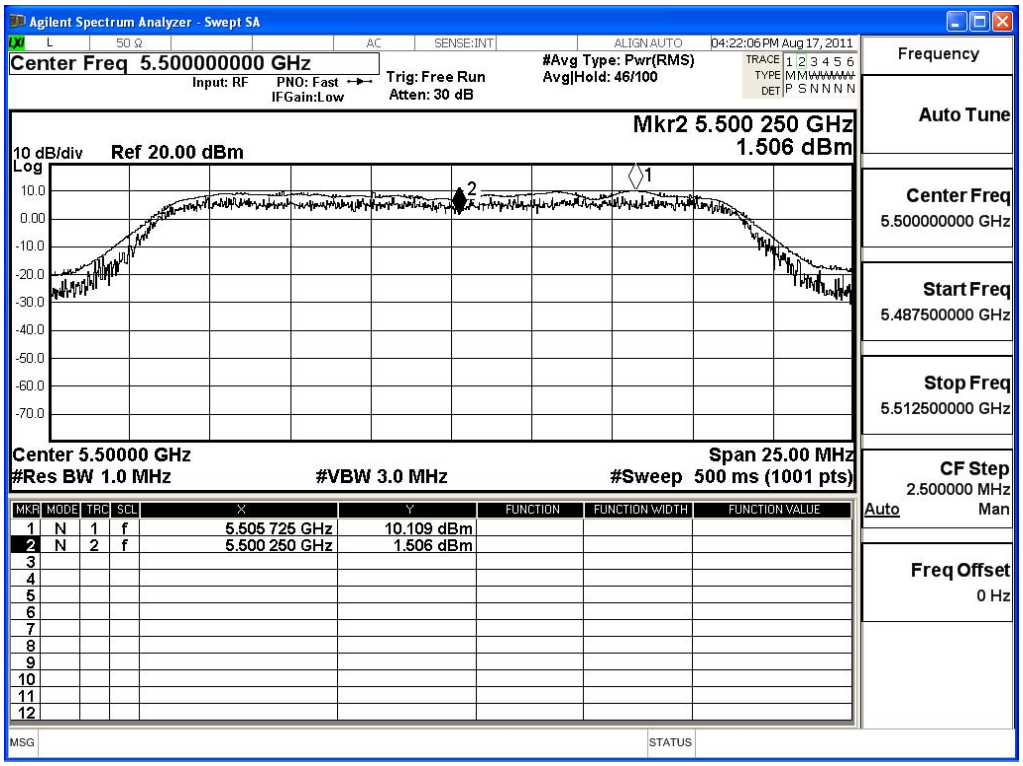
Channel 60:



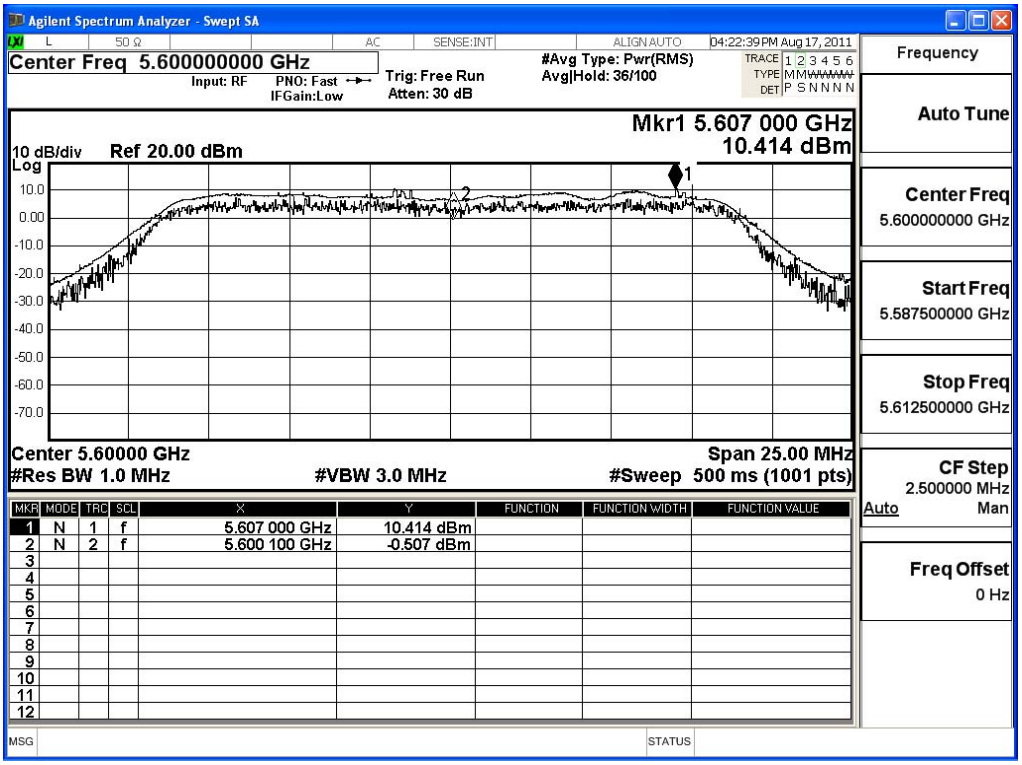
Channel 64:



Channel 100:



Channel 120:



Channel 140: