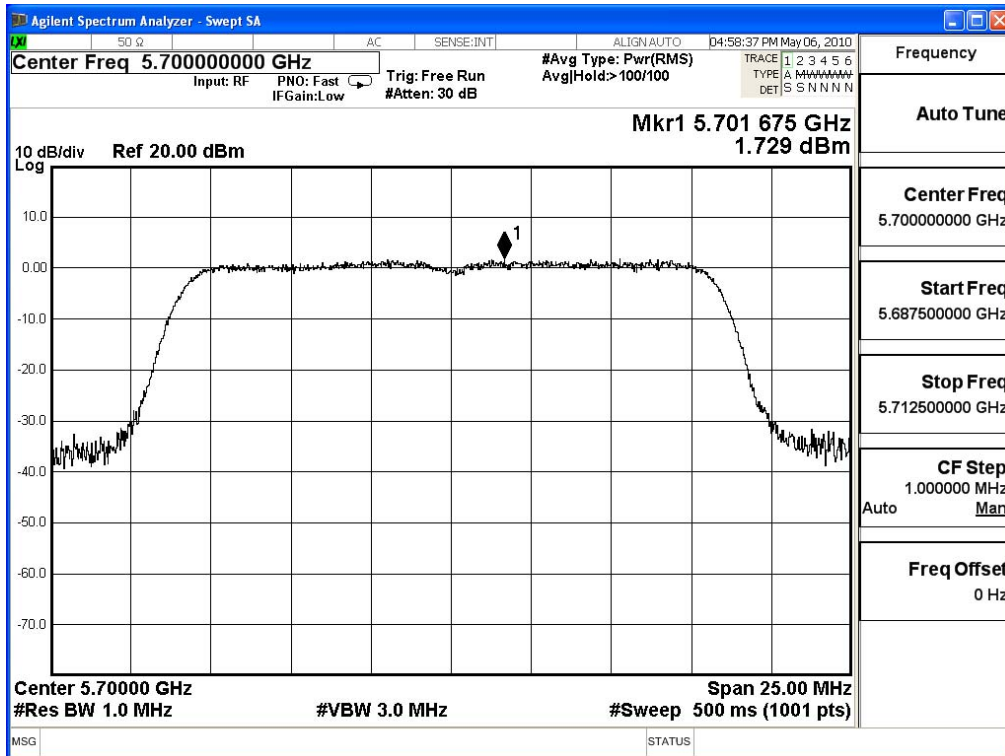


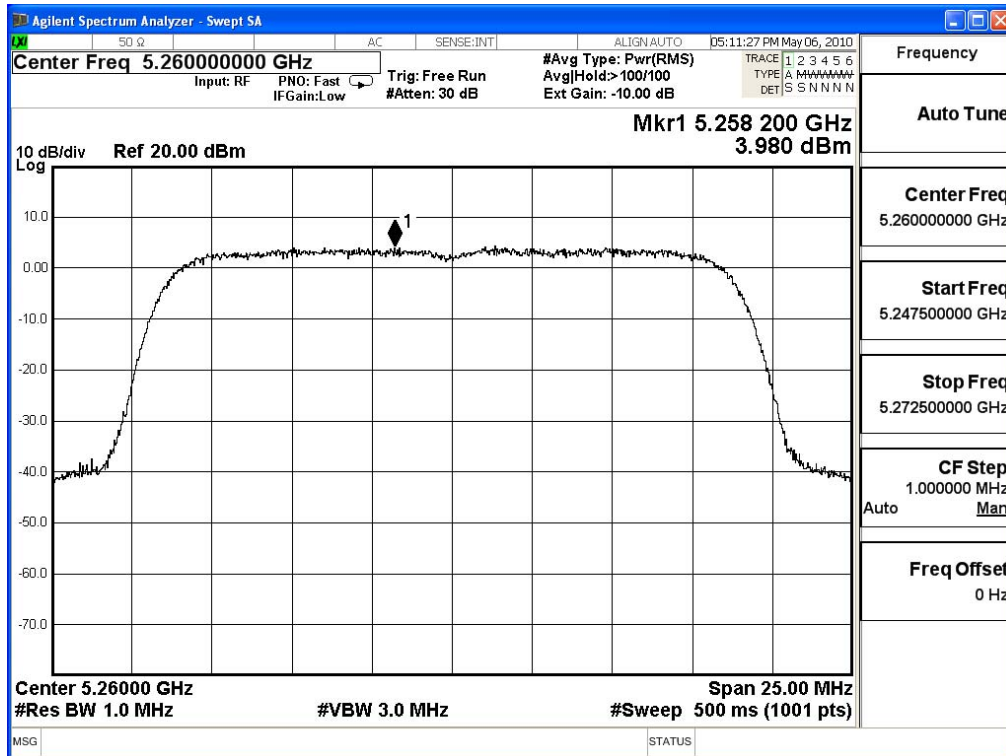
Channel 140:



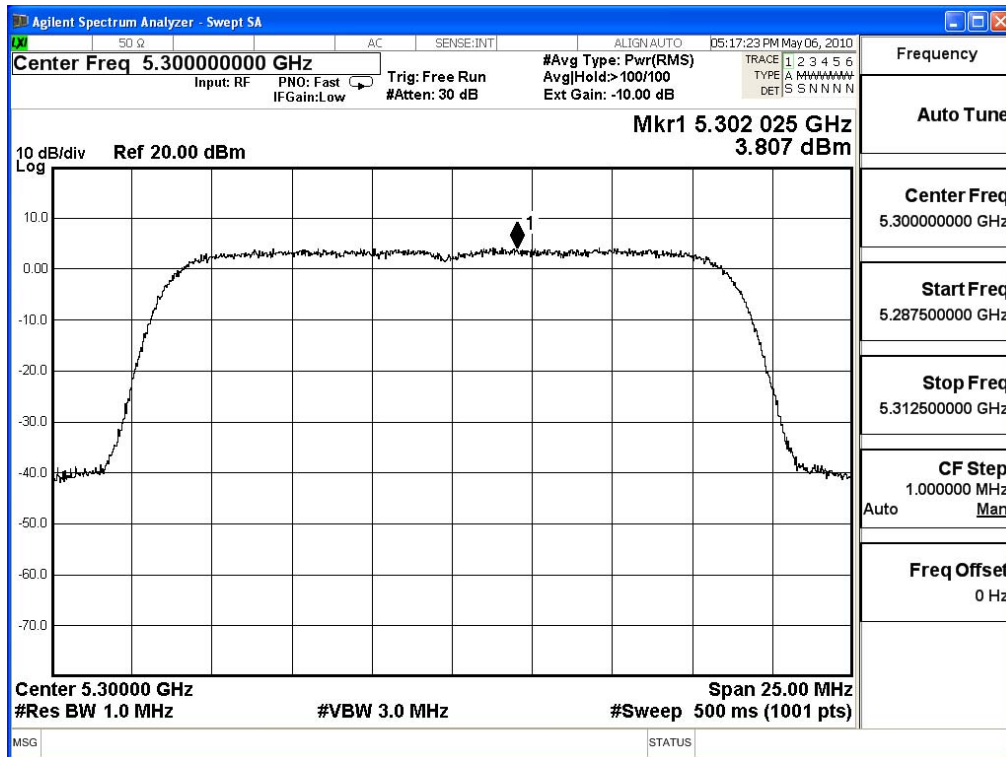
Product : ROS Home Center
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 13Mbps)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
52	5260	3.980	<11	Pass
60	5300	3.807	<11	Pass
64	5320	4.636	<11	Pass
100	5500	3.775	<11	Pass
116	5580	4.943	<11	Pass
140	5700	4.699	<11	Pass

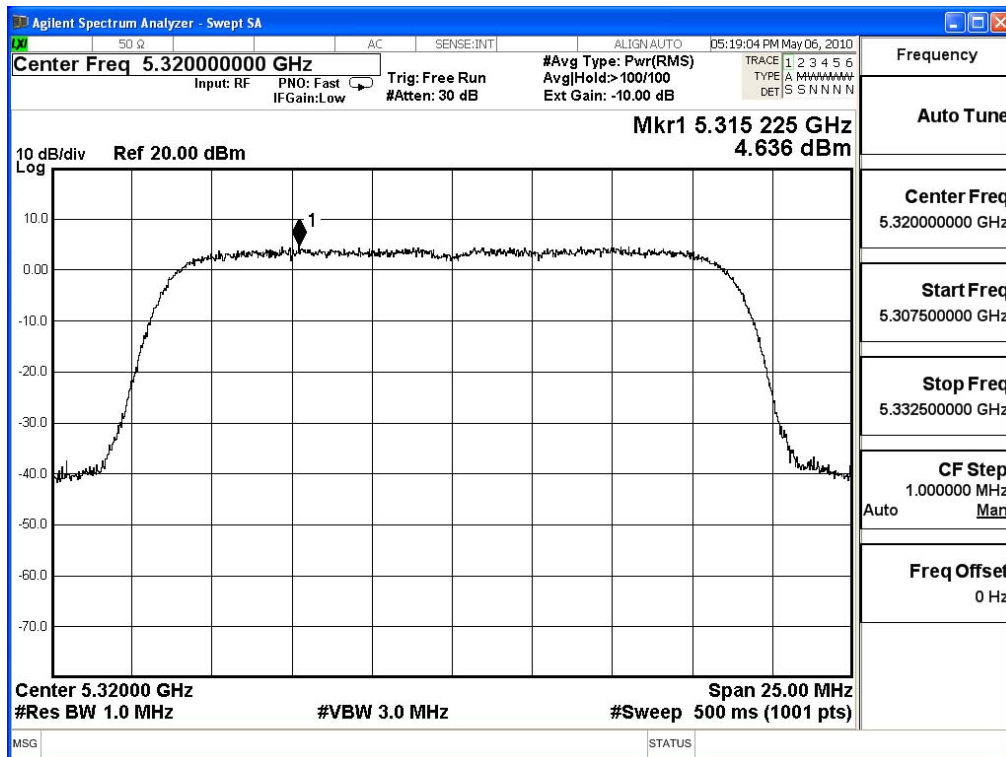
Channel 52:



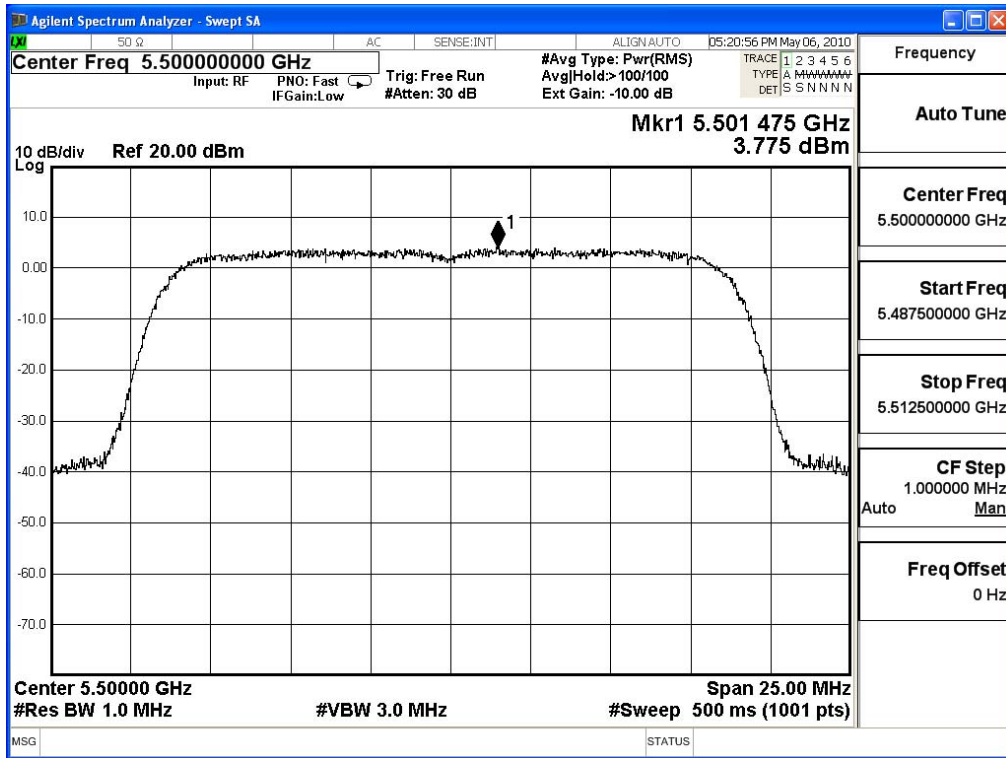
Channel 60:



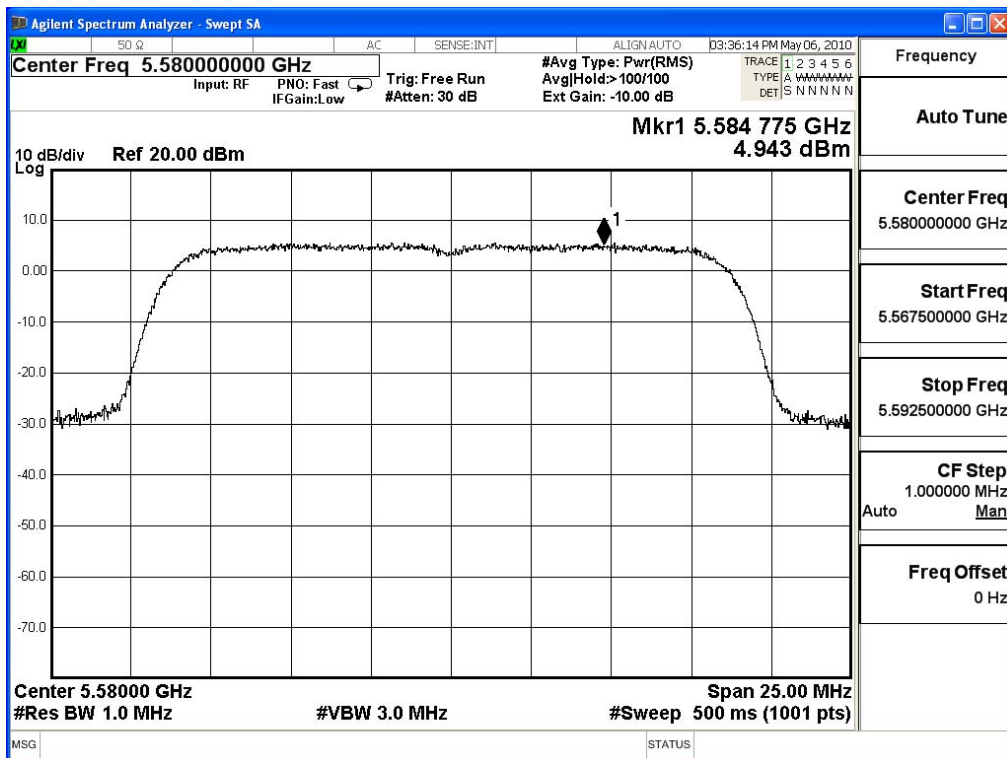
Channel 64:



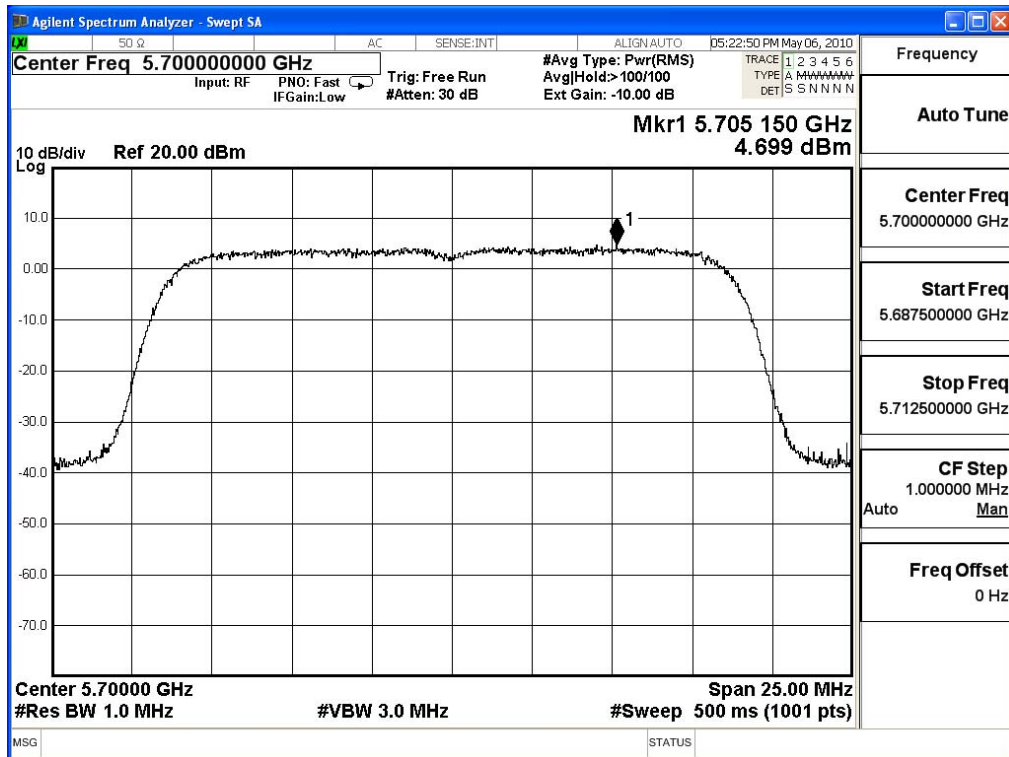
Channel 120:



Channel 116:



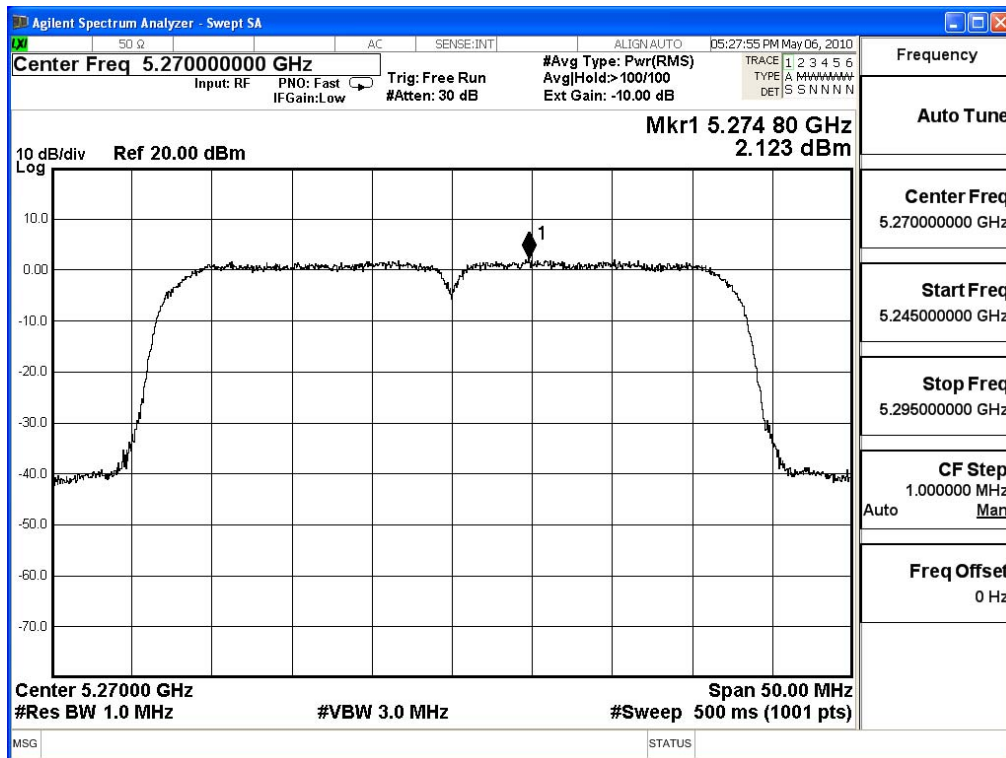
Channel 140:



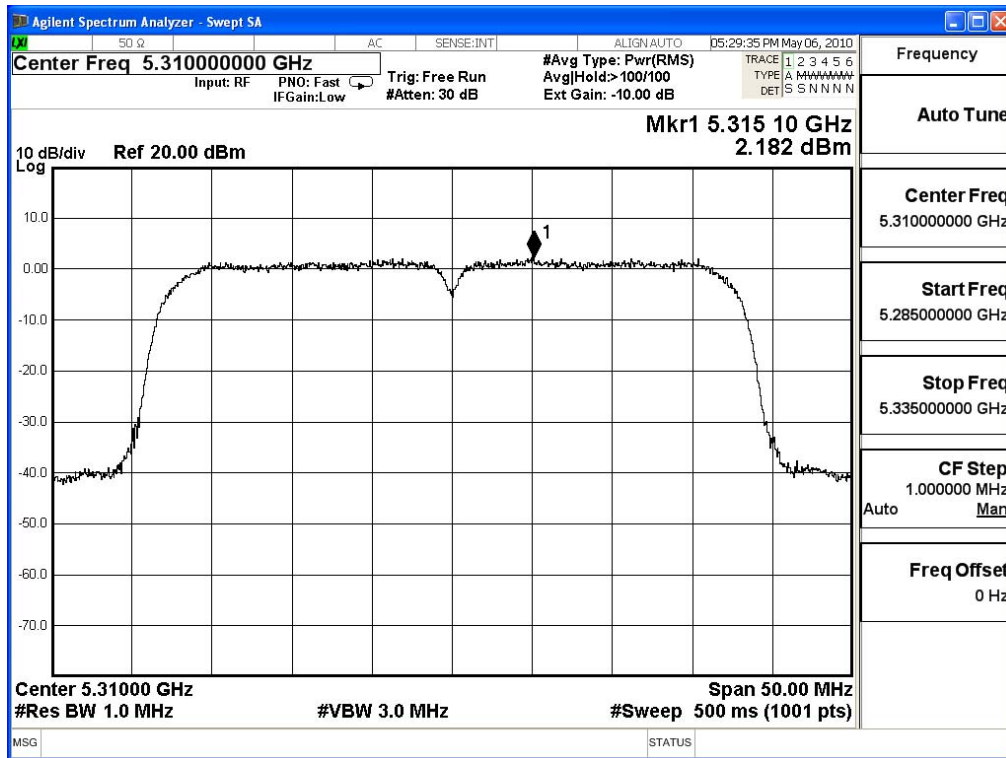
Product : ROS Home Center
 Test Item : Peak Power Spectral Density
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 27Mbps)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
54	5270	2.123	<11	Pass
62	5310	2.182	<11	Pass
102	5510	1.442	<11	Pass
110	5550	0.816	<11	Pass
134	5670	2.230	<11	Pass

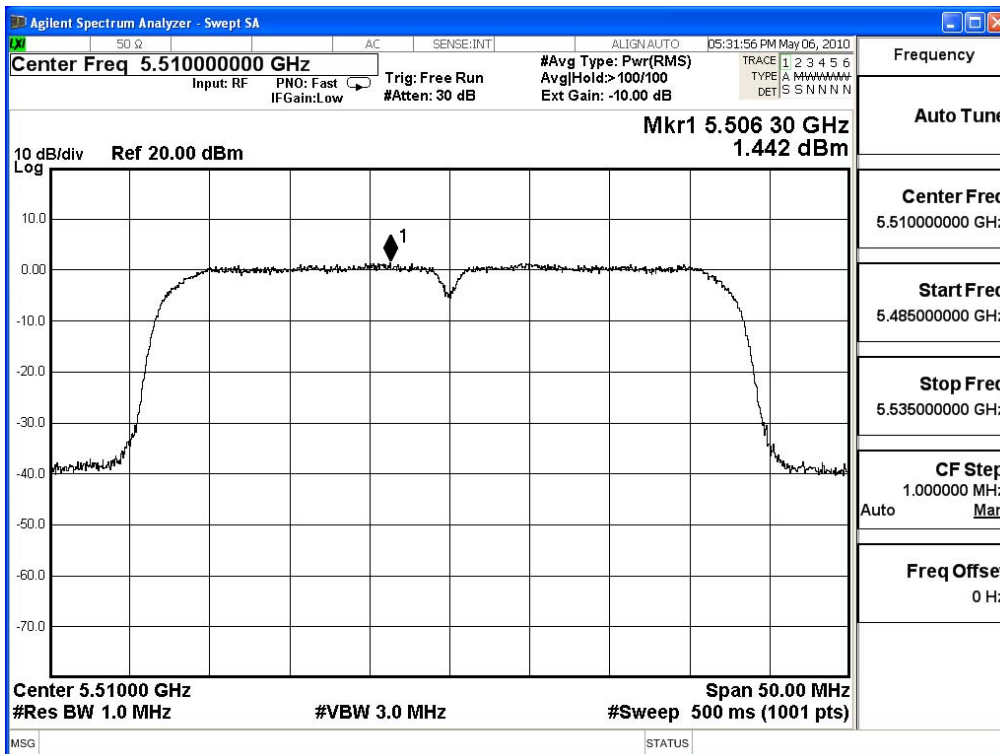
Channel 54:



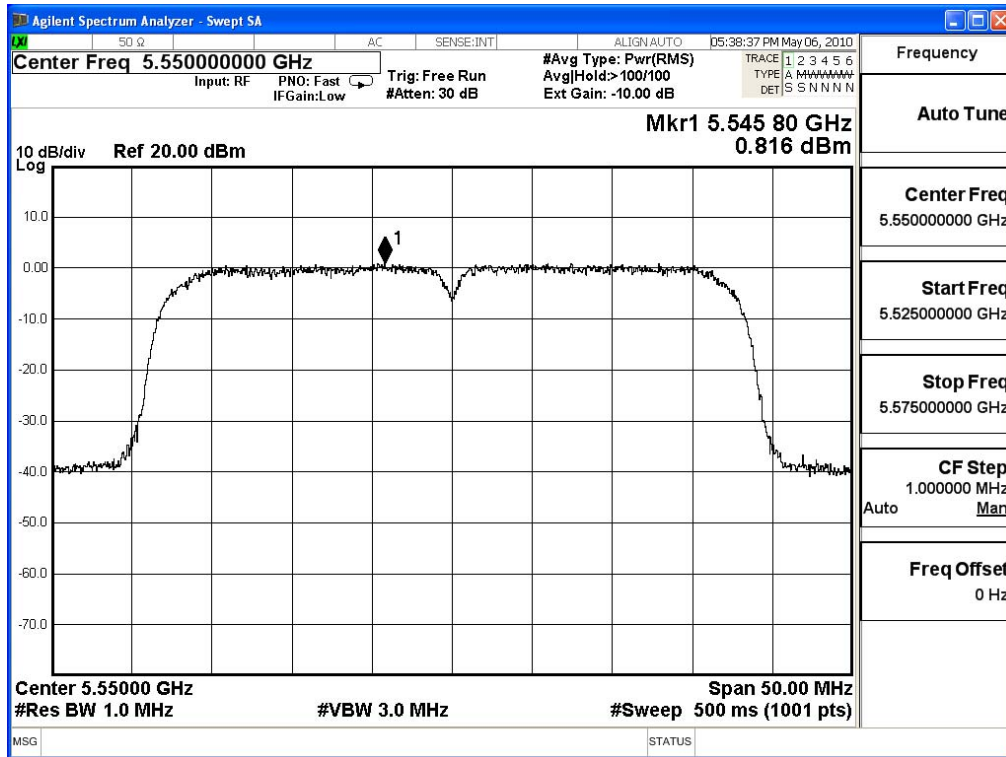
Channel 62:



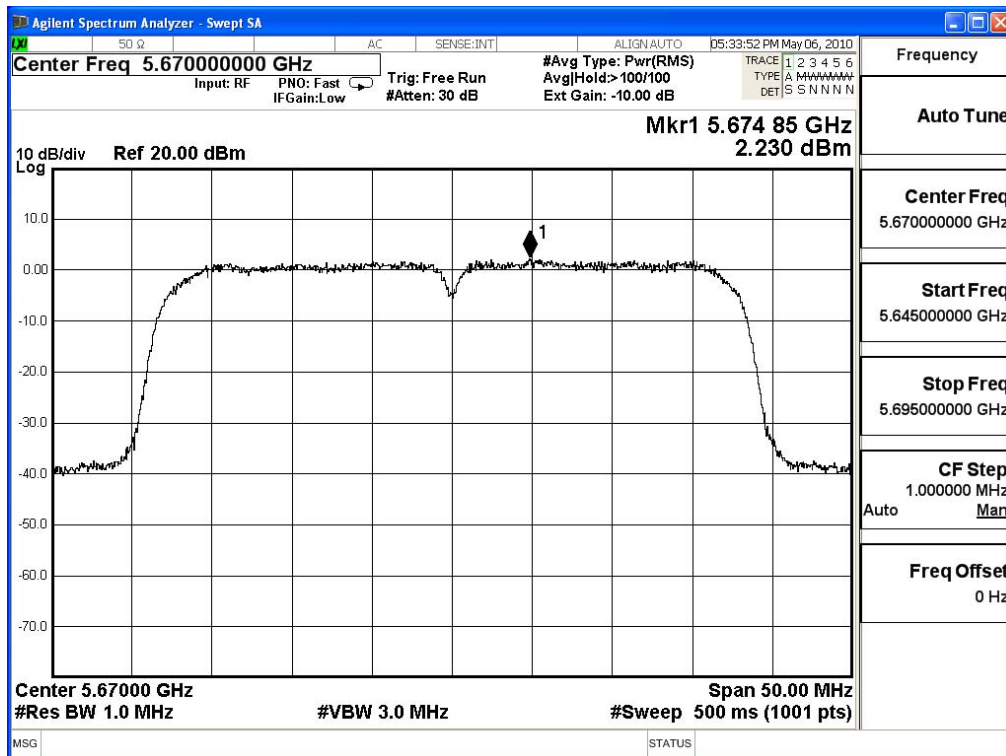
Channel 102:



Channel 110:



Channel 134:



5. Peak Excursion

5.1. Test Equipment

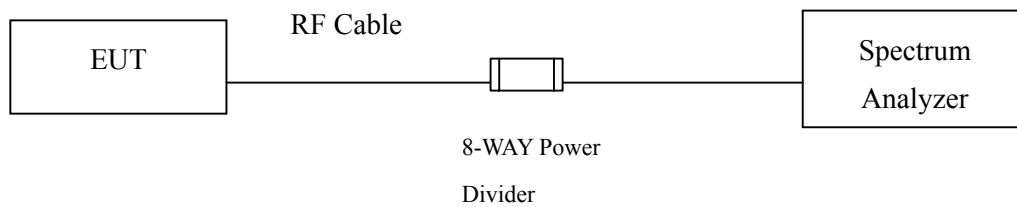
	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2009
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2009
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr.,2010
X	8-WAY Power Divider	JFW	50PD-647 / 526770 0916	Apr., 2010

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.
3. The power combiner is used for measure 11n mode.

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

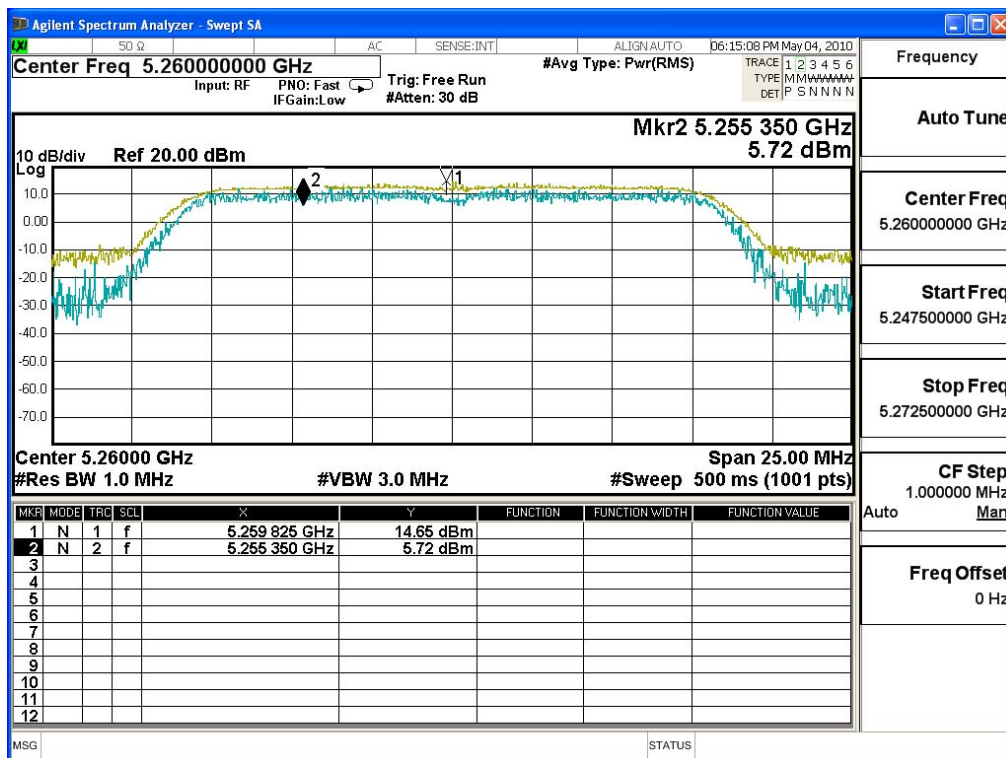
± 1.27 dB

5.6. Test Result of Peak Excursion

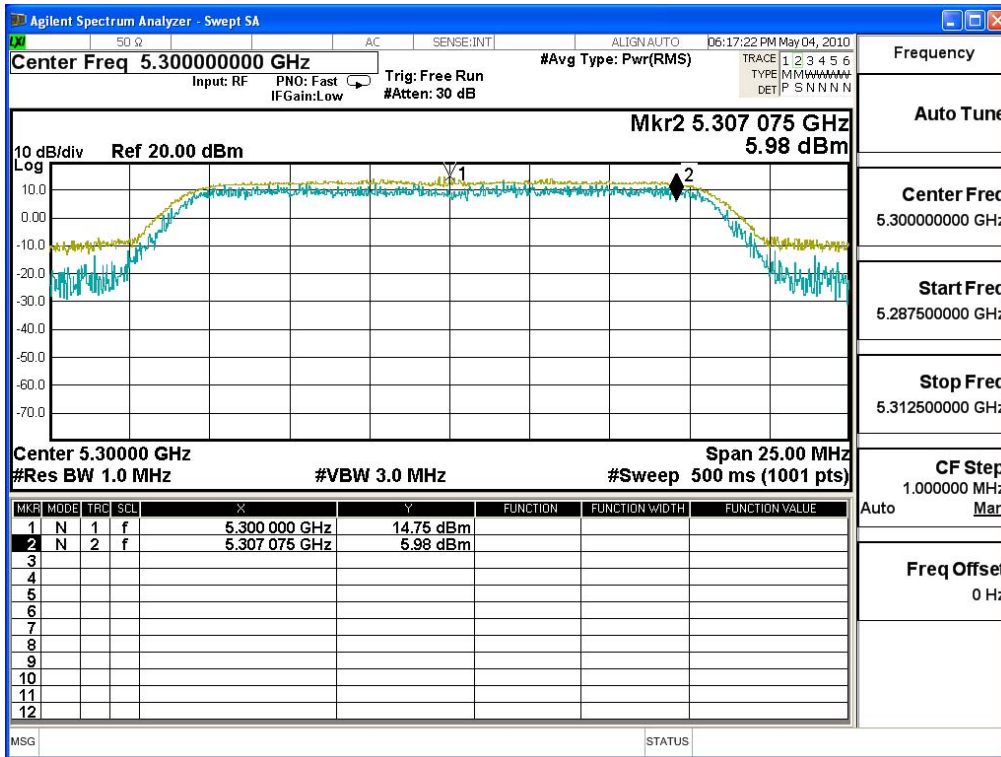
Product : ROS Home Center
 Test Item : Peak Excursion
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
52	5260	8.93	<13	Pass
60	5300	8.77	<13	Pass
64	5320	7.69	<13	Pass
100	5500	8.59	<13	Pass
116	5580	6.94	<13	Pass
140	5700	6.77	<13	Pass

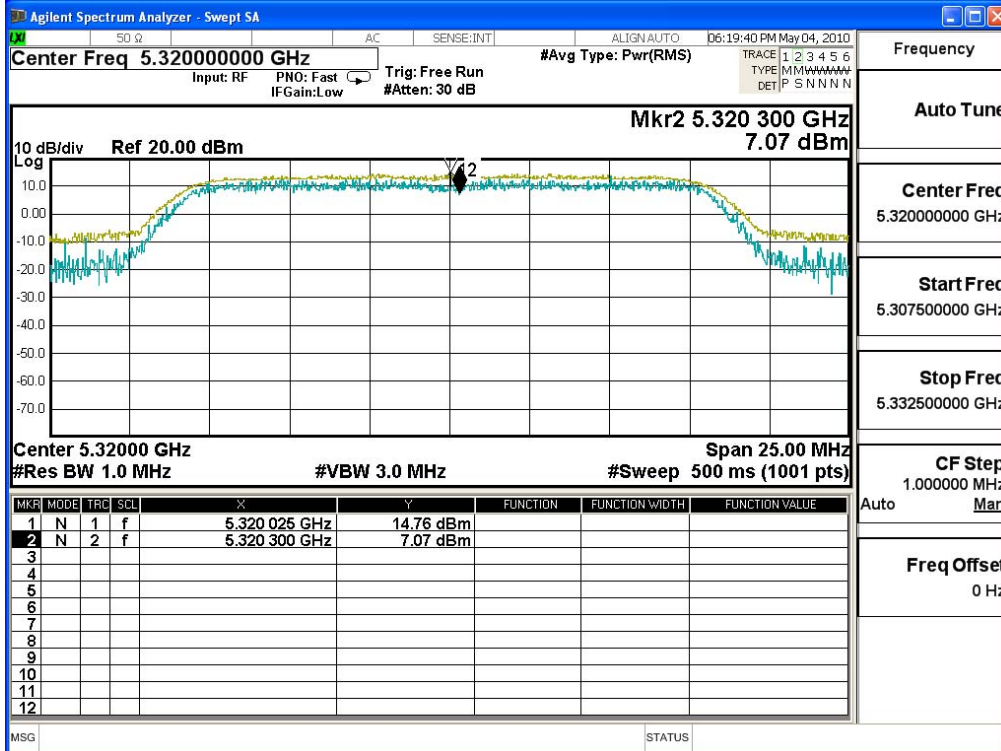
Channel 52:



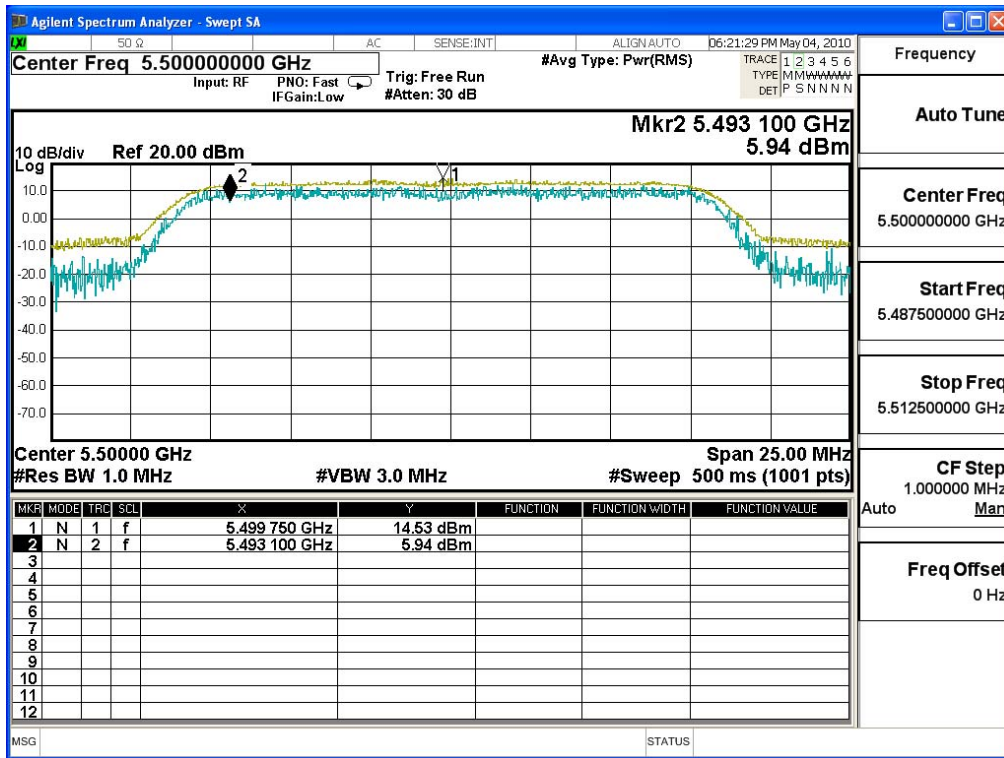
Channel 60:



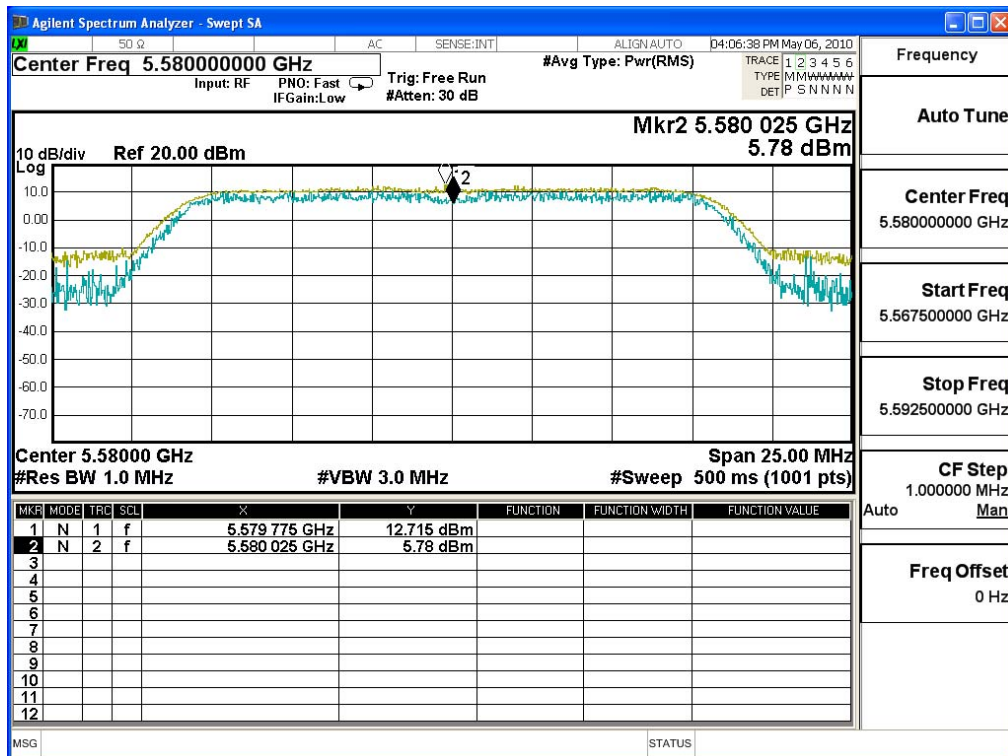
Channel 64:



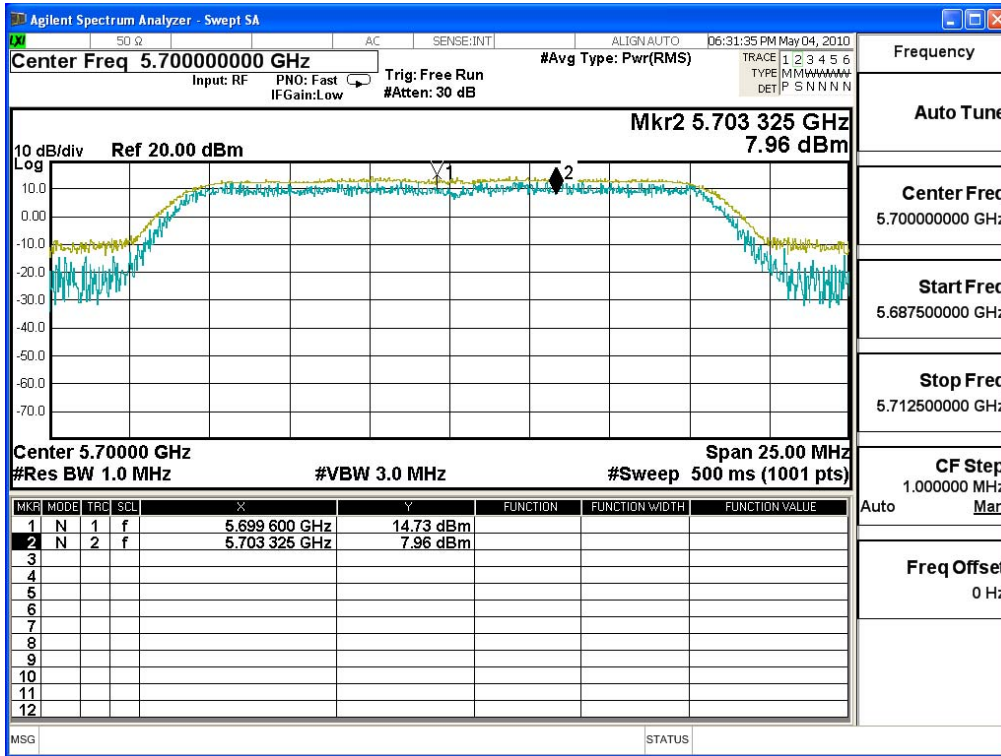
Channel 100:



Channel 116:



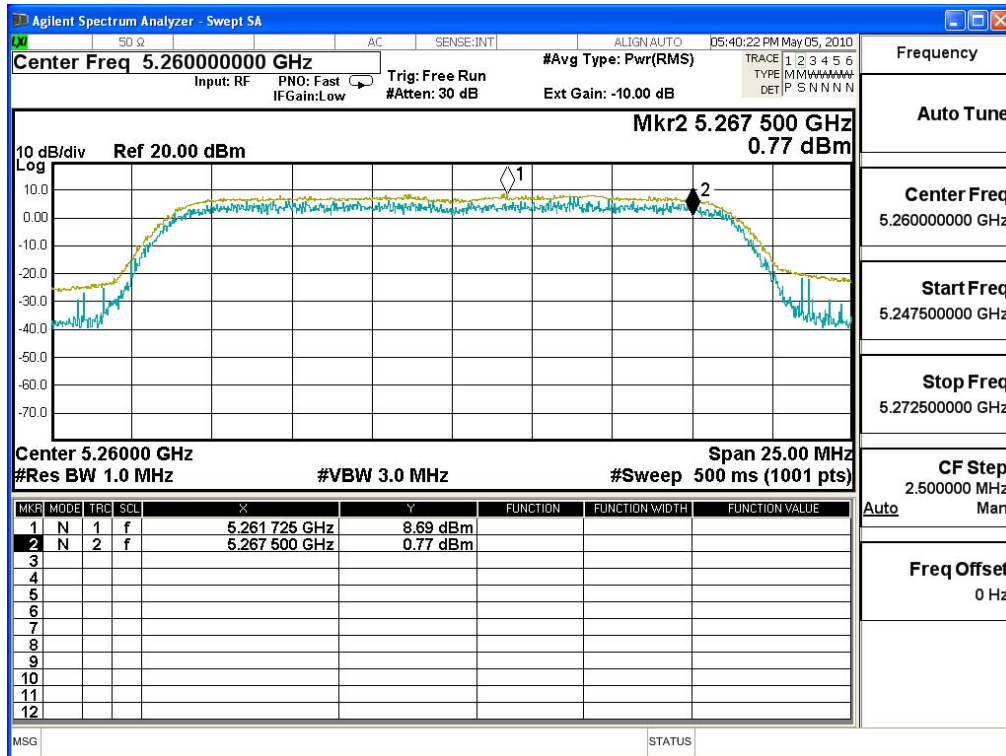
Channel 140:



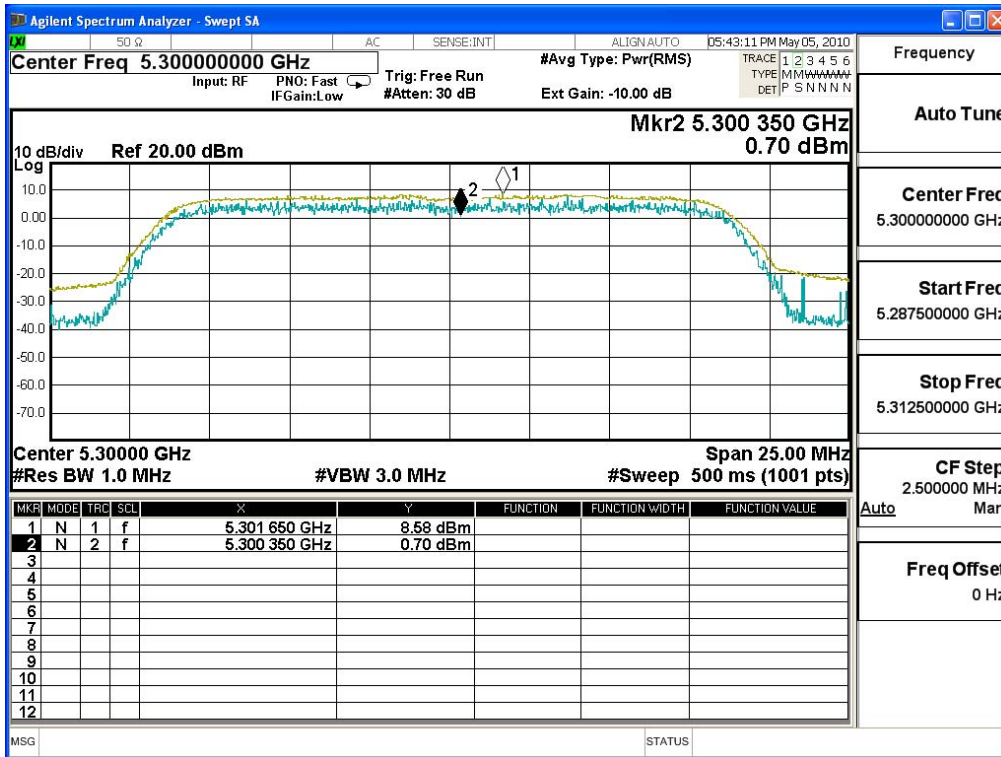
Product : ROS Home Center
 Test Item : Peak Excursion
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 13Mbps)

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
52	5260	7.92	<13	Pass
60	5300	7.88	<13	Pass
64	5320	8.04	<13	Pass
100	5500	7.55	<13	Pass
116	5580	8.73	<13	Pass
140	5700	7.14	<13	Pass

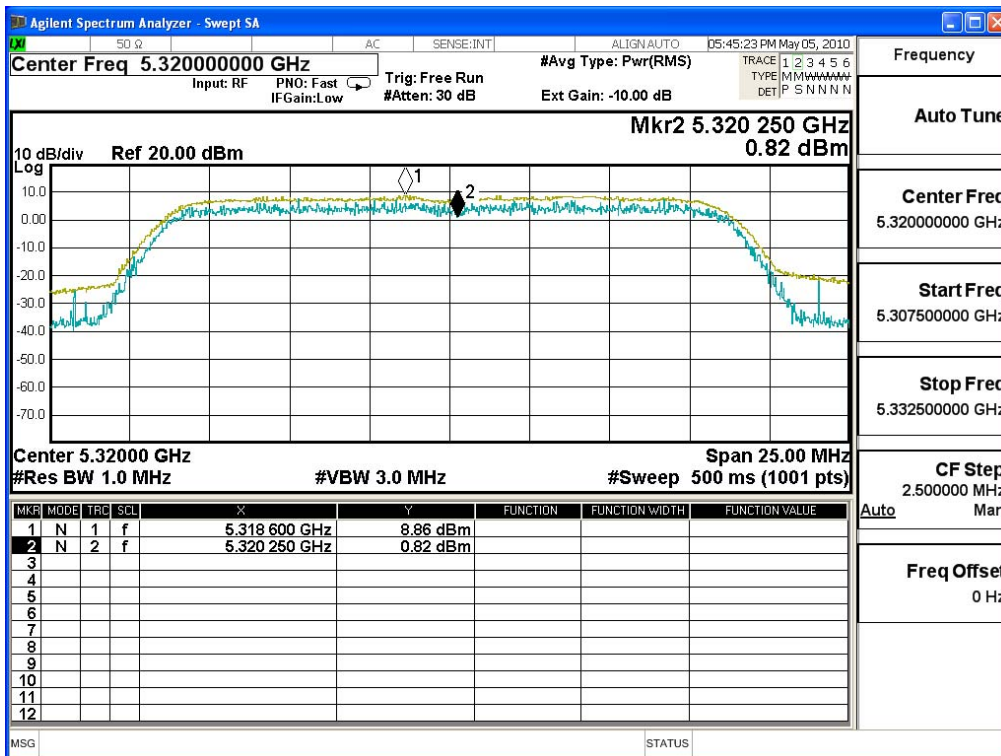
Channel 52:



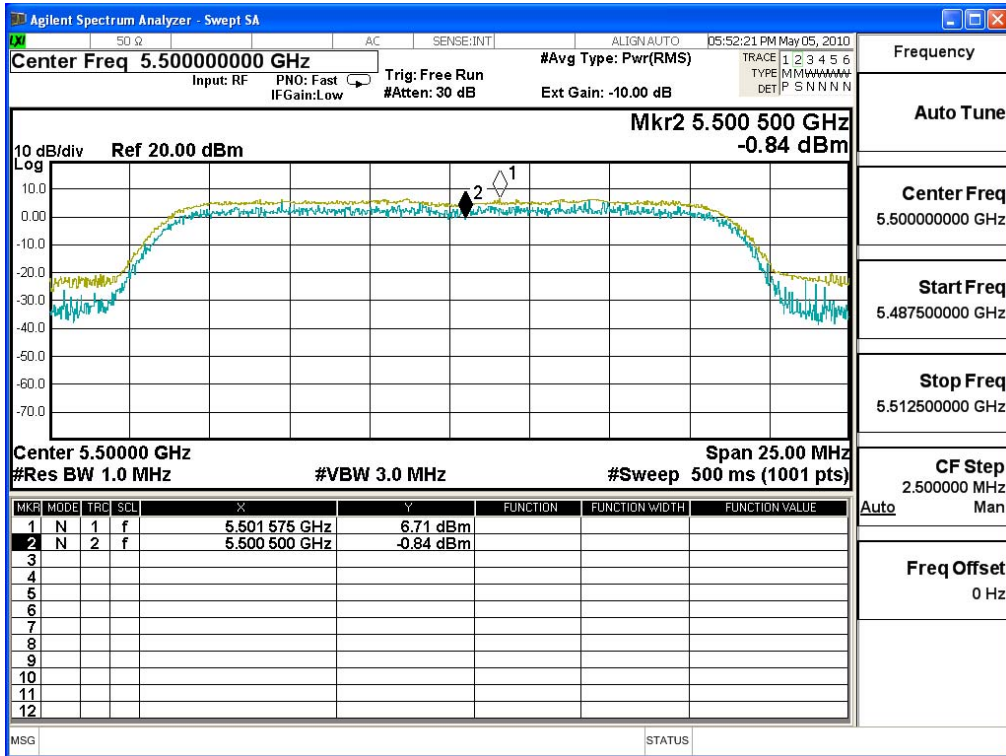
Channel 60:



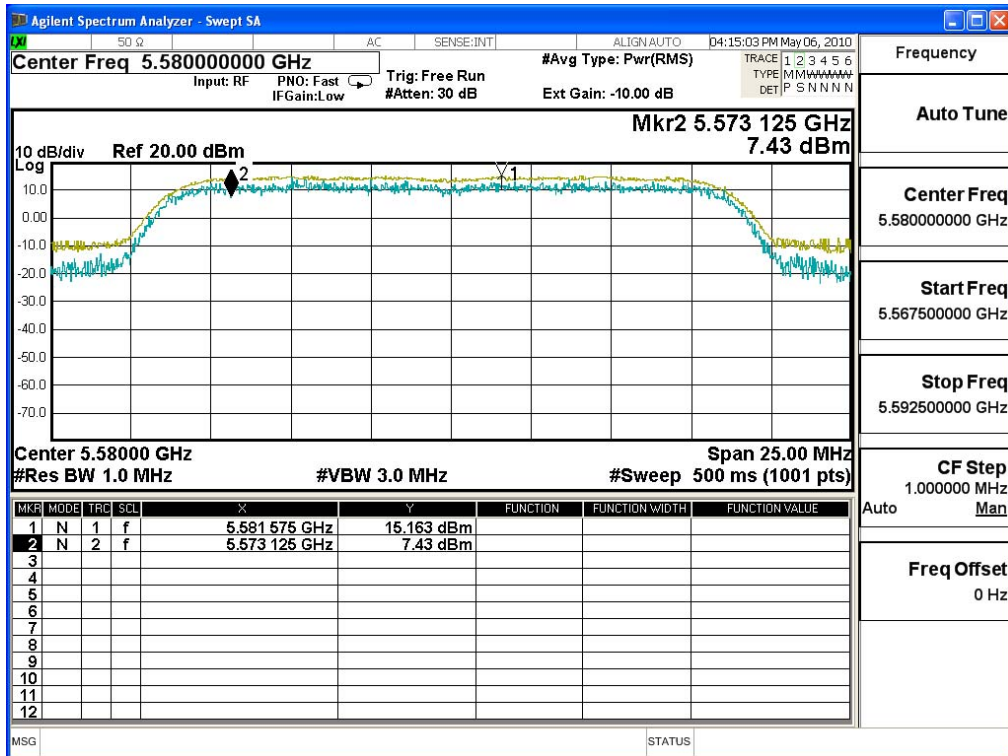
Channel 64:



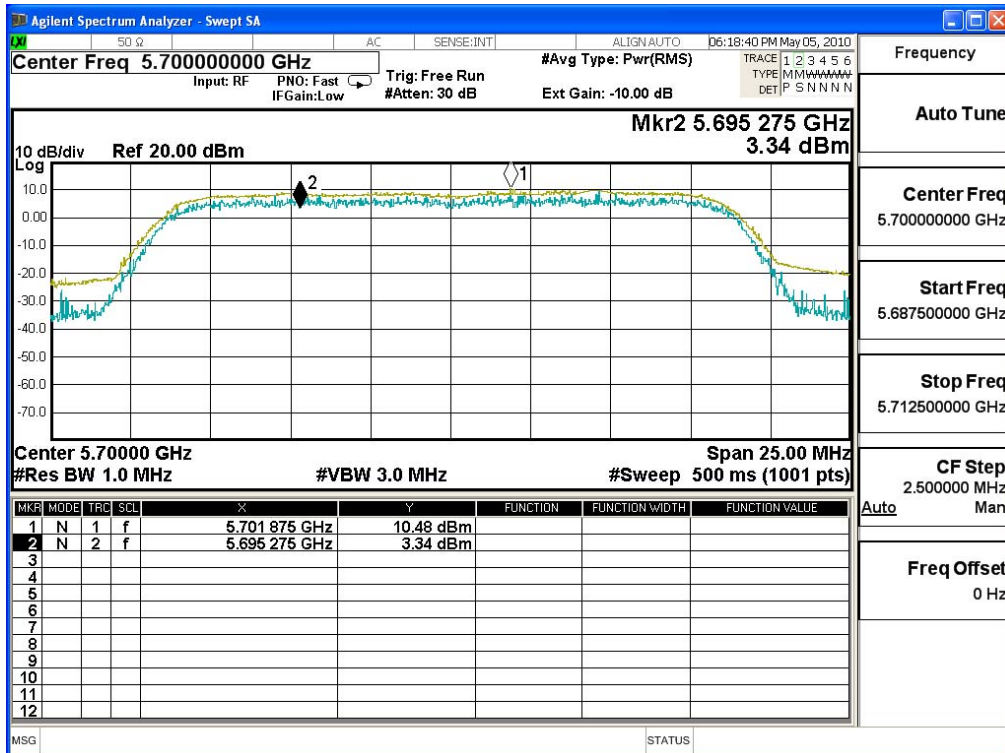
Channel 100:



Channel 116:



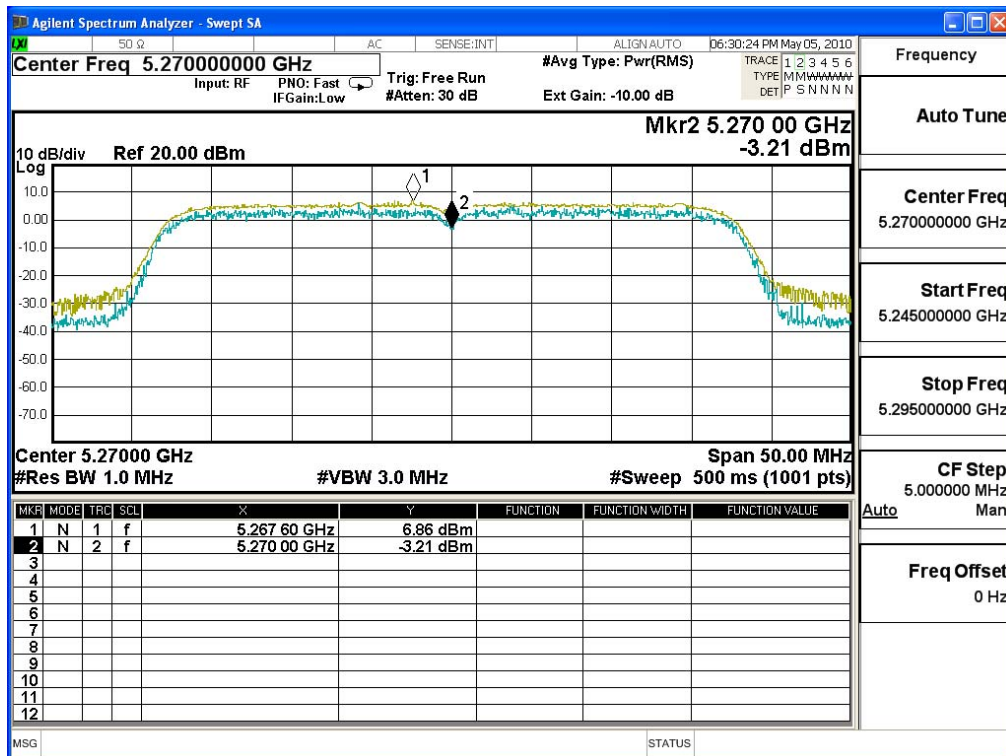
Channel 140:



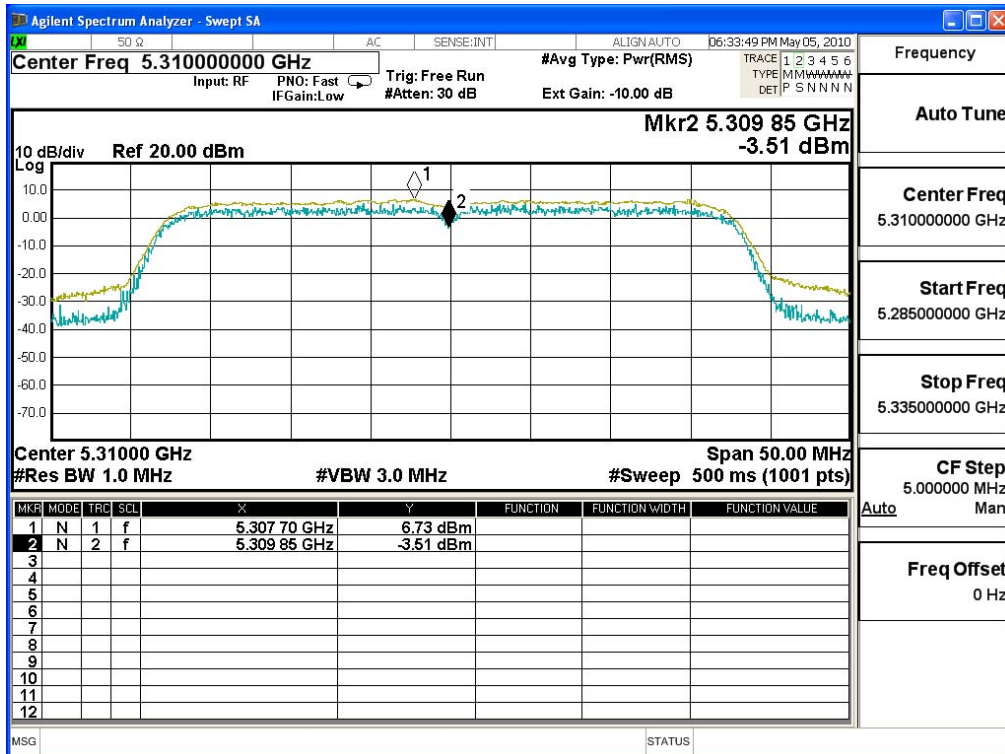
Product : ROS Home Center
 Test Item : Peak Excursion
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 27Mbps)

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
54	5270	10.07	<13	Pass
62	5310	10.24	<13	Pass
102	5510	10.59	<13	Pass
110	5550	9.58	<13	Pass
134	5670	10.94	<13	Pass

Channel 54:



Channel 62:



Channel 102:

