

**26dB EMISSIONS BANDWIDTH**

CLIENT:	Intel Corporation	DATE:	03/28/08
EUT:	Intel WiFi/WiMax Link 5350	PROJECT NUMBER:	INTEL-080114
MODEL NUMBER:	533ANXMMW	TEST ENGINEER:	RC/KN
SERIAL NUMBER:	0016EB01A3A8	SITE #:	2
CONFIGURATION:	Tested installed in an extender board connected to the host laptop's mini PCI slot	TEMPERATURE:	23 deg. C
		HUMIDITY:	46% RH
		TIME:	11:00 AM

Description:	26dB emissions bandwidth in MHz.
Results:	See Data Sheet
Note:	Conducted Emissions Measurements were performed on the EUT with power supply set at the following voltage and frequency. <ul style="list-style-type: none">• 120VAC / 60 Hz.



26dB Emissions Bandwidth (Continued)

802.11a Mode

Test Date	Data	Chain	Test Eng.
03/28/08	5.18 GHz (INTEL-080114)	A	RC
*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 23.08MHz			
CENTER 5.18000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms			
Test Date	Data	Chain	Test Eng.
03/28/08	5.20 GHz (INTEL-080114)	A	RC
*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 23.83MHz			
CENTER 5.20000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms			



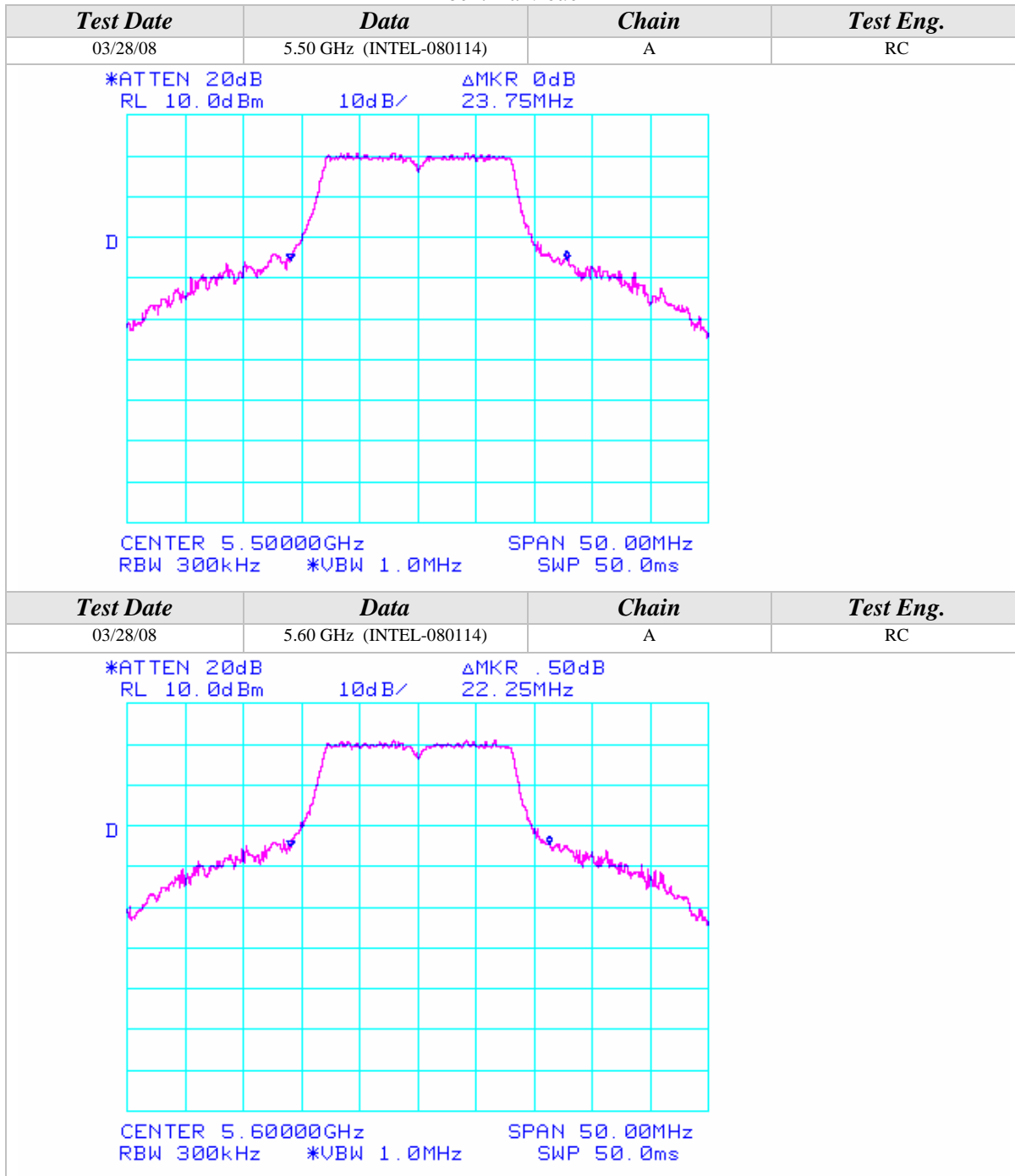
26dB Emissions Bandwidth (Continued)

802.11a Mode

Test Date	Data	Chain	Test Eng.
03/28/08	5.24 GHz (INTEL-080114)	A	RC
<p>*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 23.58MHz</p> <p>CENTER 5.24000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
Test Date	Data	Chain	Test Eng.
03/28/08	5.26 GHz (INTEL-080114)	A	RC
<p>*ATTEN 20dB ΔMKR .33dB RL 10.0dBm 10dB/ 23.25MHz</p> <p>CENTER 5.26000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			

26dB Emissions Bandwidth (Continued)

802.11a Mode





26dB Emissions Bandwidth (Continued)

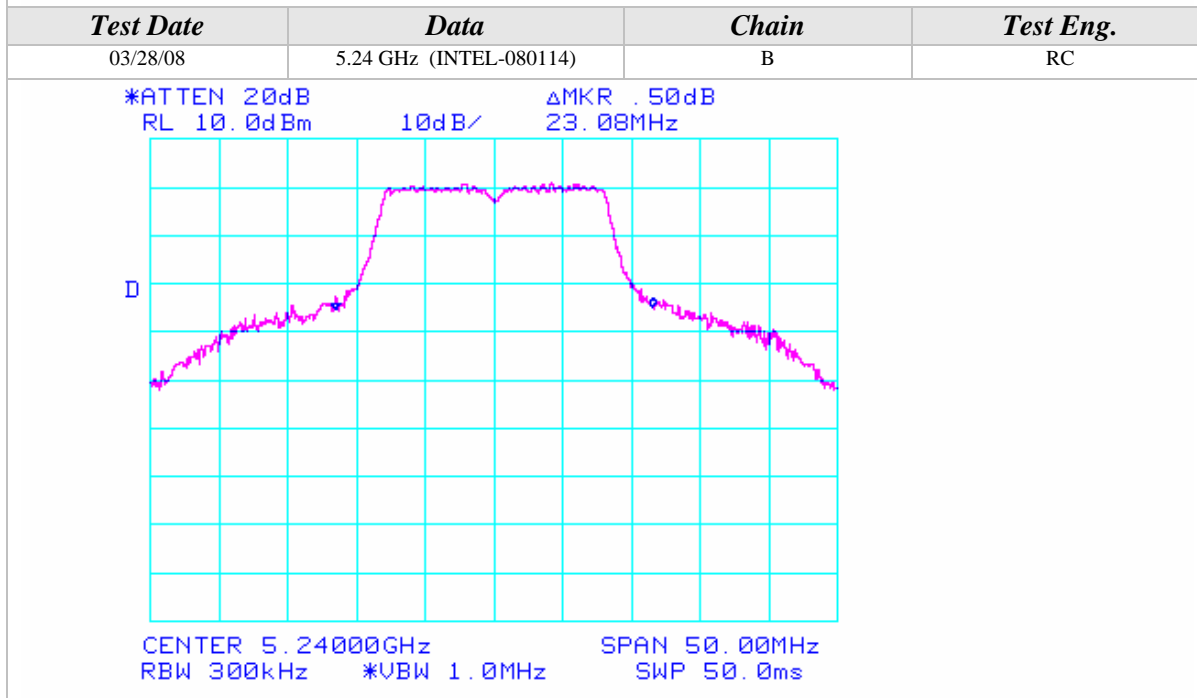
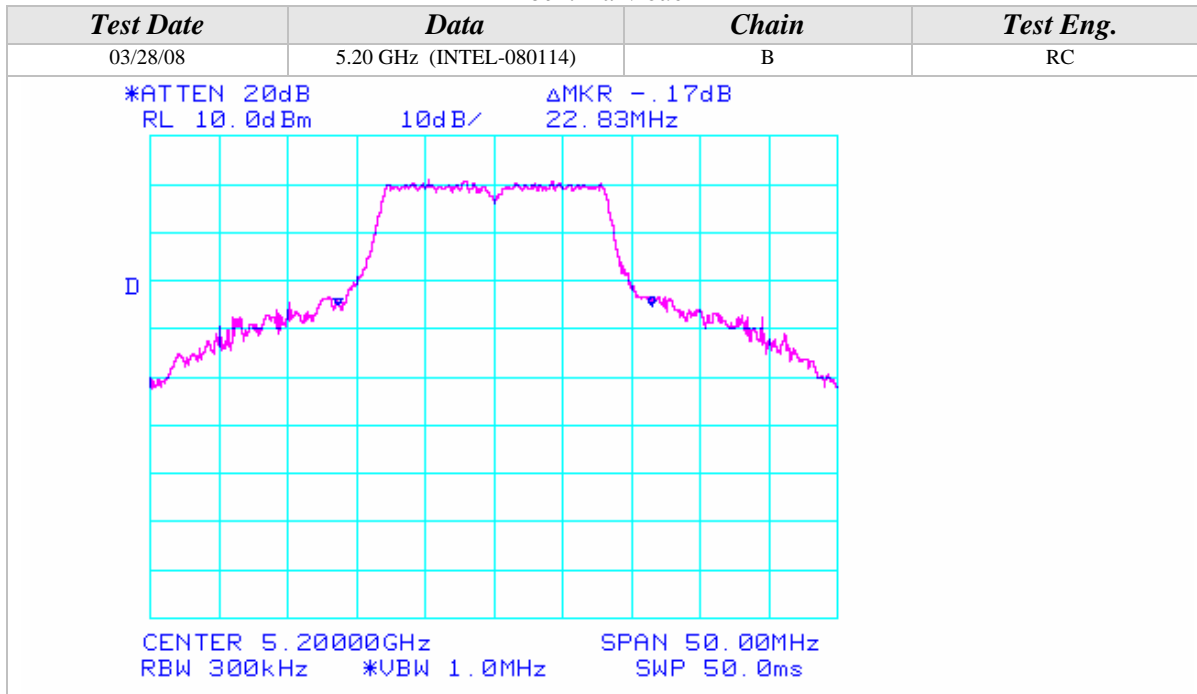
802.11a Mode

Test Date	Data	Chain	Test Eng.
03/28/08	5.70 GHz (INTEL-080114)	A	RC
*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 22.33MHz			
CENTER 5.70000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms			
Test Date	Data	Chain	Test Eng.
03/28/08	5.18 GHz (INTEL-080114)	B	RC
*ATTEN 20dB ΔMKR .66dB RL 10.0dBm 10dB/ 23.25MHz			
CENTER 5.18000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms			



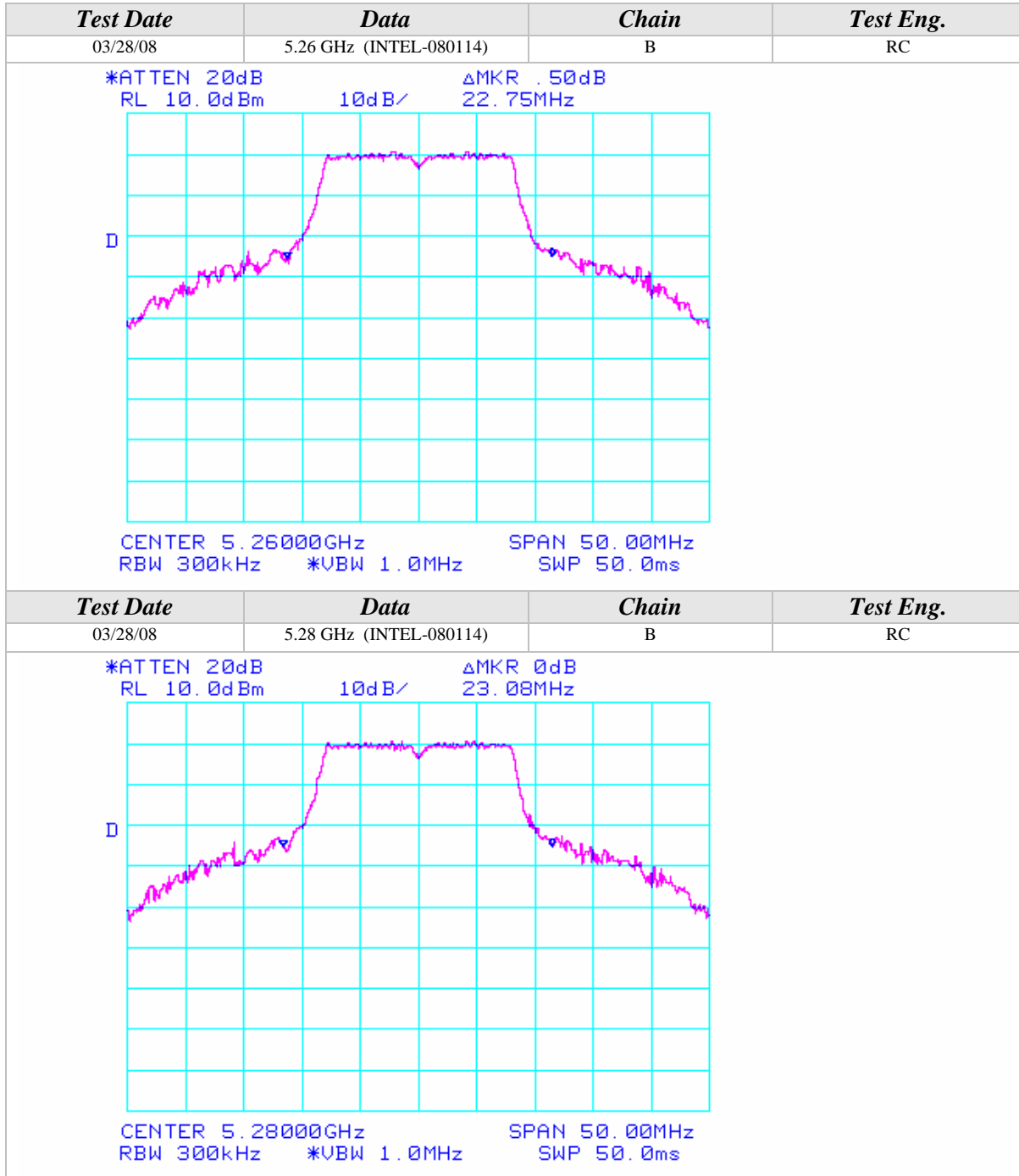
26dB Emissions Bandwidth (Continued)

802.11a Mode



26dB Emissions Bandwidth (Continued)

802.11a Mode



26dB Emissions Bandwidth (Continued)

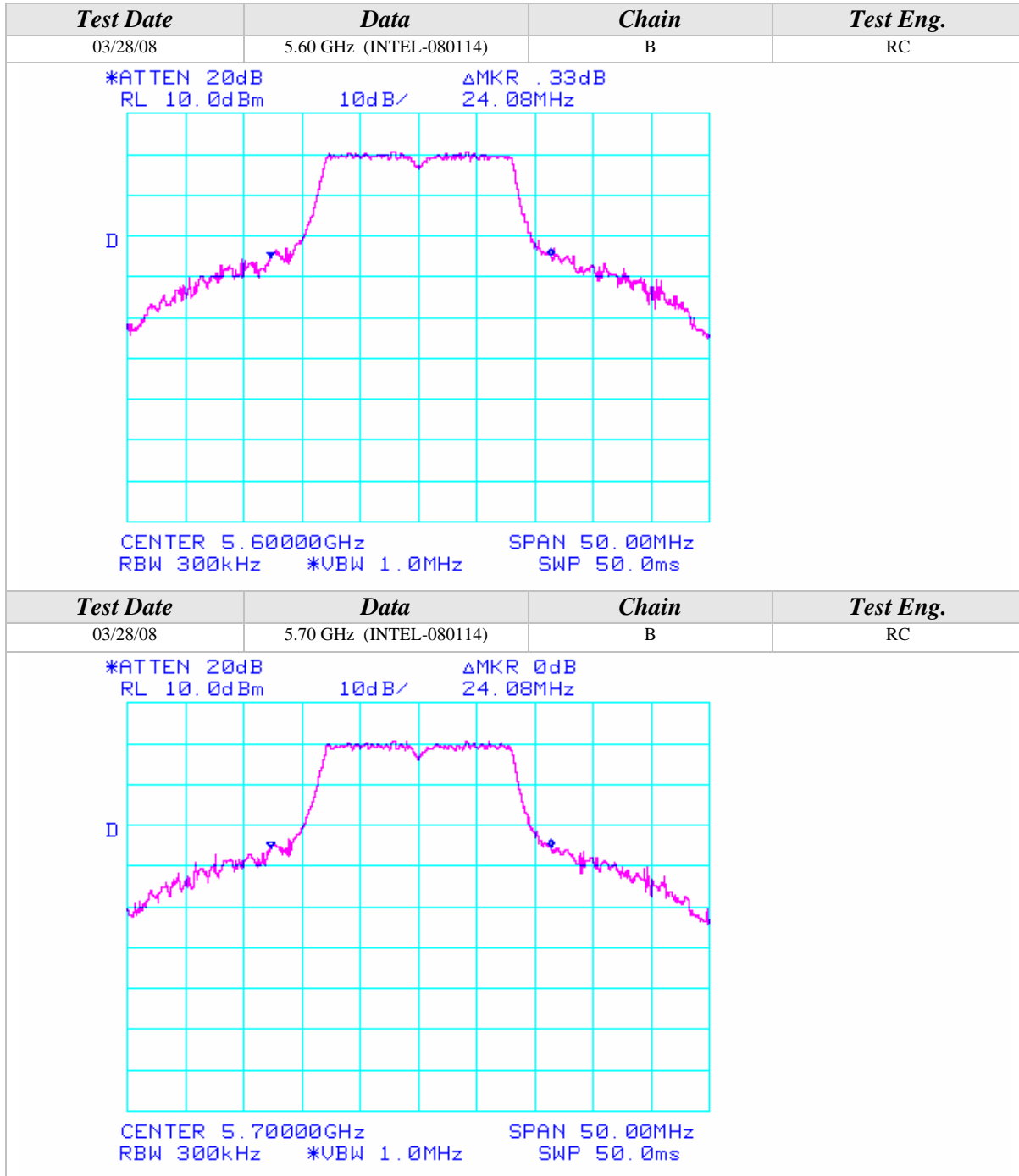
802.11a Mode

Test Date	Data	Chain	Test Eng.
03/28/08	5.32 GHz (INTEL-080114)	B	RC
*ATTEN 20dB RL 10.0dBm 10dB/ ΔMKR .33dB 23.17MHz			
<p>D</p>			
CENTER 5.32000GHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms SPAN 50.00MHz			
Test Date	Data	Chain	Test Eng.
03/28/08	5.50 GHz (INTEL-080114)	B	RC
*ATTEN 20dB RL 10.0dBm 10dB/ ΔMKR 0dB 22.58MHz			
<p>D</p>			
CENTER 5.50000GHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms SPAN 50.00MHz			



26dB Emissions Bandwidth (Continued)

802.11a Mode



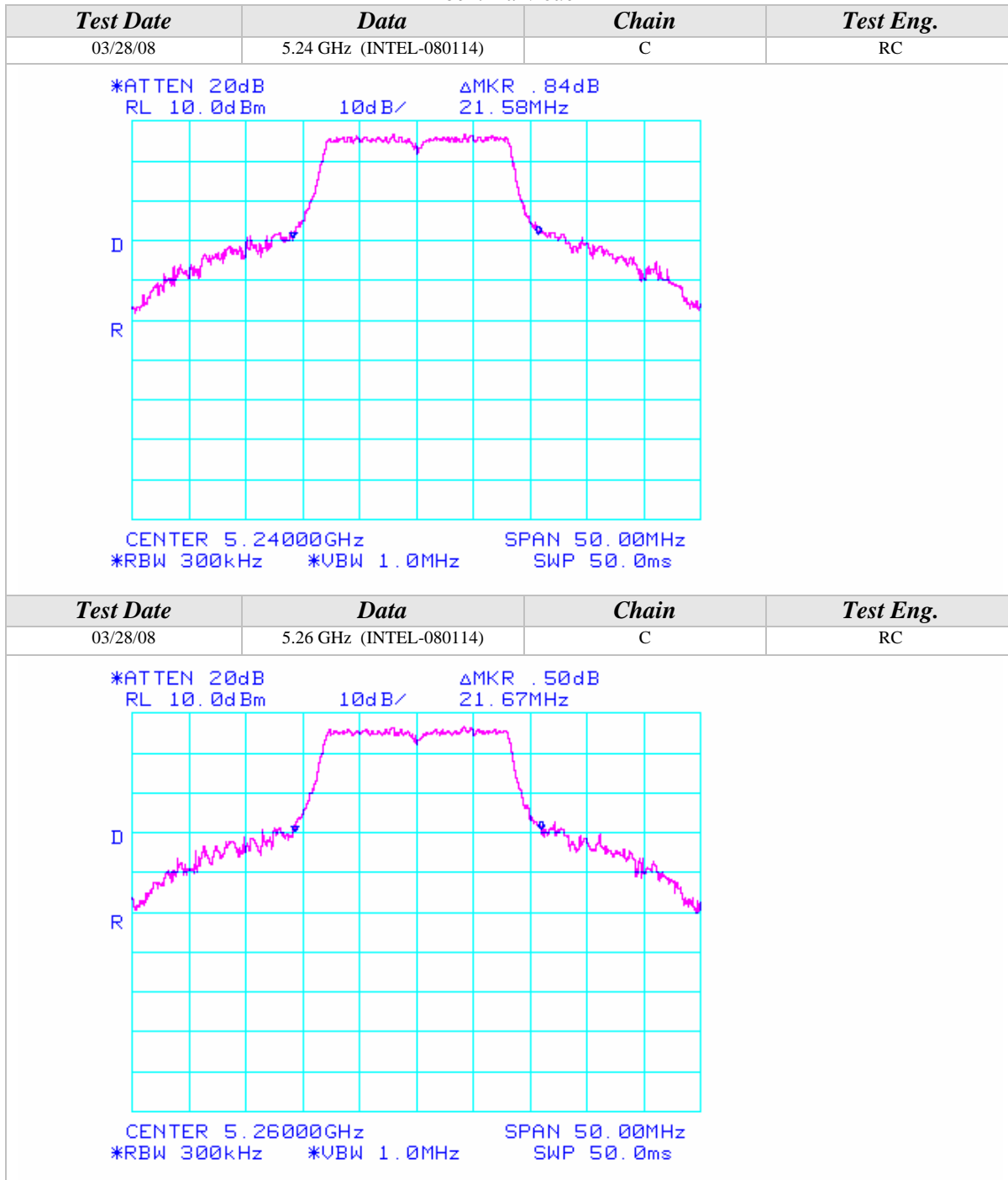
26dB Emissions Bandwidth (Continued)

802.11a Mode

Test Date	Data	Chain	Test Eng.
03/28/08	5.18 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR .50dB RL 10.0dBm 10dB/ 22.33MHz</p> <p>CENTER 5.18000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
Test Date	Data	Chain	Test Eng.
03/28/08	5.20 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR .34dB RL 10.0dBm 10dB/ 22.33MHz</p> <p>CENTER 5.20000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			

26dB Emissions Bandwidth (Continued)

802.11a Mode



26dB Emissions Bandwidth (Continued)

802.11a Mode

Test Date	Data	Chain	Test Eng.
03/28/08	5.28 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR .50dB RL 10.0dBm 10dB/ 22.50MHz</p> <p>CENTER 5.28000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
Test Date	Data	Chain	Test Eng.
03/28/08	5.32 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 22.08MHz</p> <p>CENTER 5.32000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			

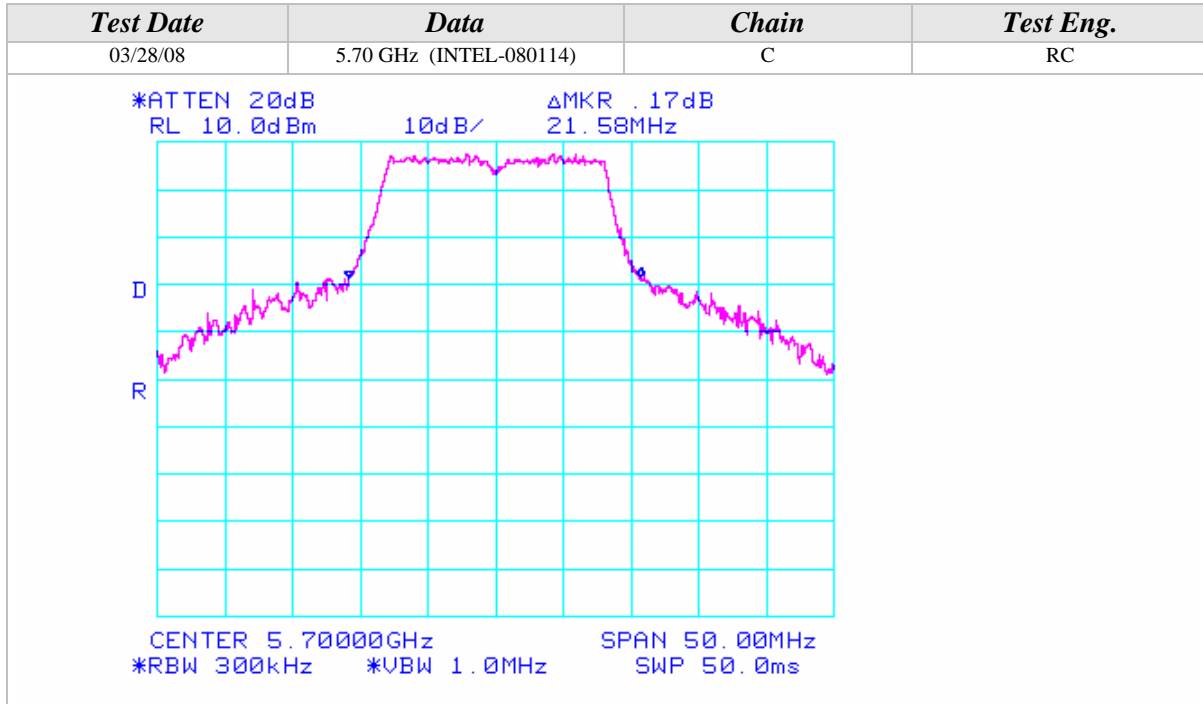
26dB Emissions Bandwidth (Continued)

802.11a Mode

<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.50 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR -.17dB RL 10.0dBm 10dB/ 21.33MHz</p> <p>CENTER 5.50000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.60 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR .50dB RL 10.0dBm 10dB/ 21.00MHz</p> <p>CENTER 5.60000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			

26dB Emissions Bandwidth (Continued)

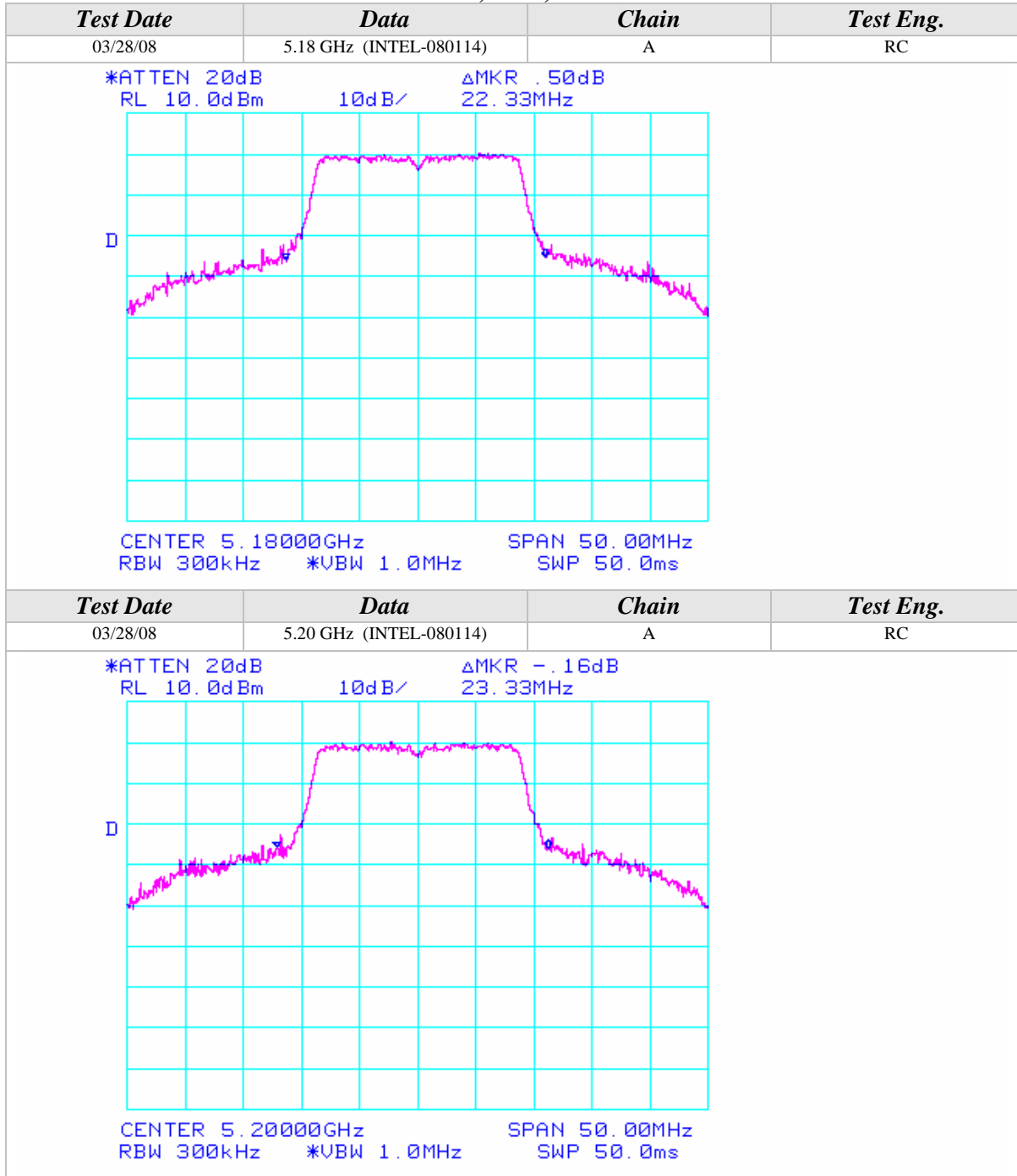
802.11a Mode





26dB Emissions Bandwidth (Continued)

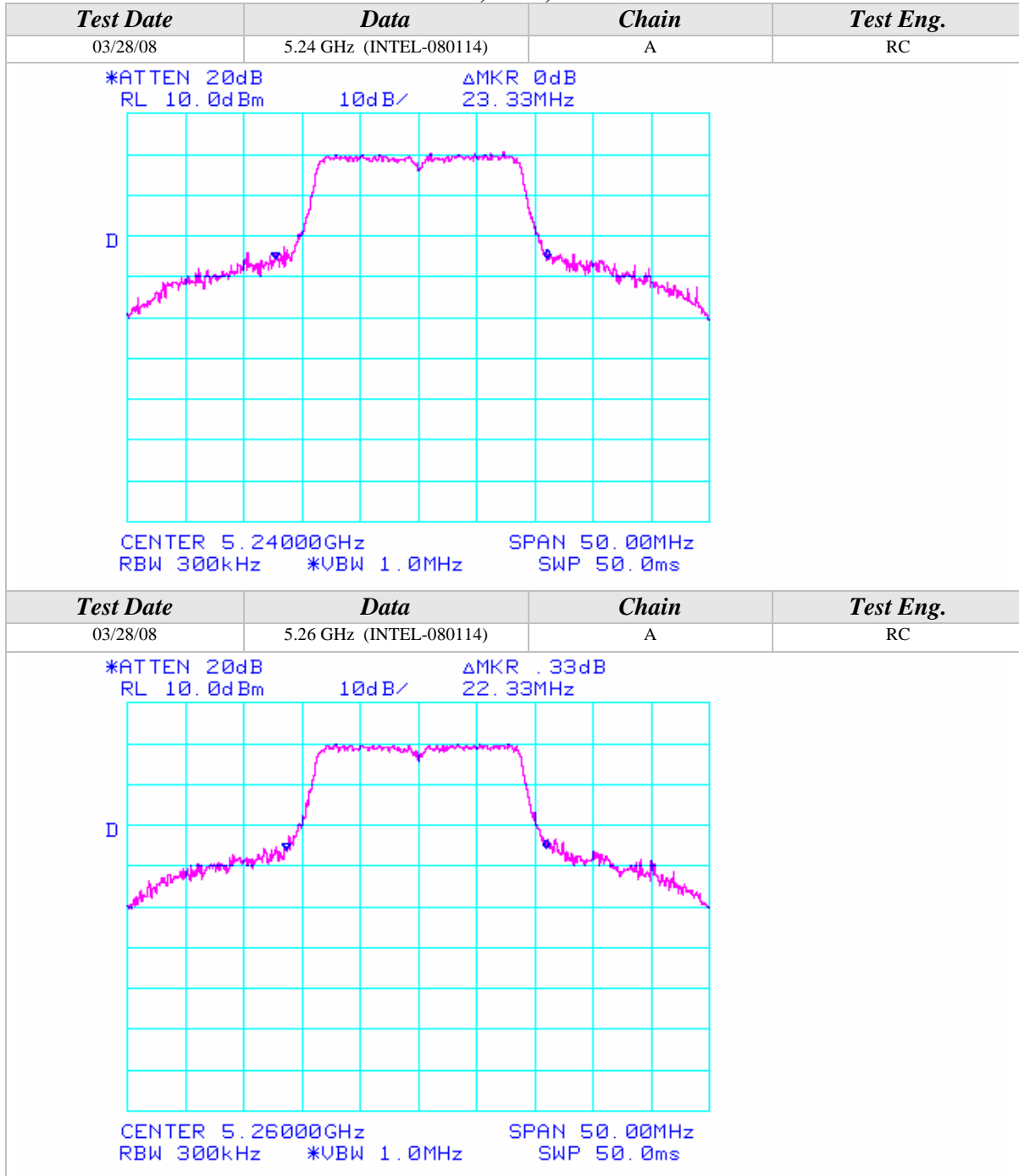
802.11n Mode, 5GHz, 20MHz Wide





26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide





26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide

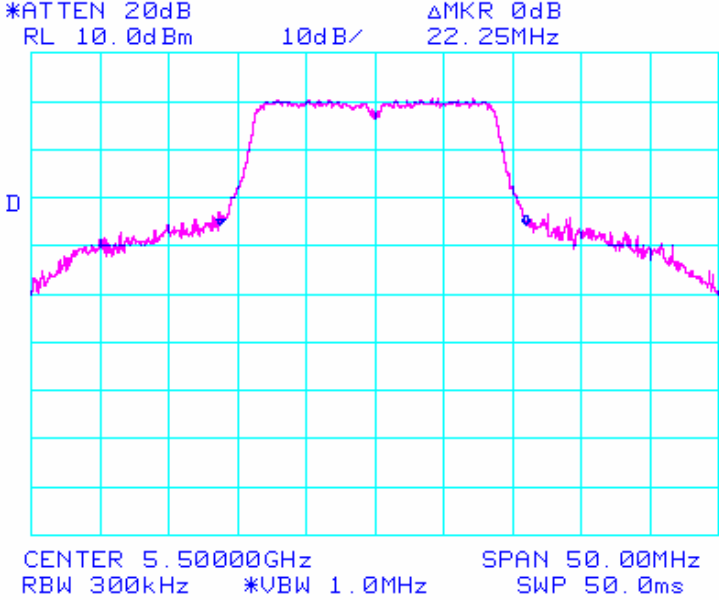
Test Date	Data	Chain	Test Eng.
03/28/08	5.28 GHz (INTEL-080114)	A	RC
<p>*ATTEN 20dB ΔMKR .50dB RL 10.0dBm 10dB/ 24.33MHz</p> <p>CENTER 5.28000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
Test Date	Data	Chain	Test Eng.
03/28/08	5.32 GHz (INTEL-080114)	A	RC
<p>*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 22.83MHz</p> <p>CENTER 5.32000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			



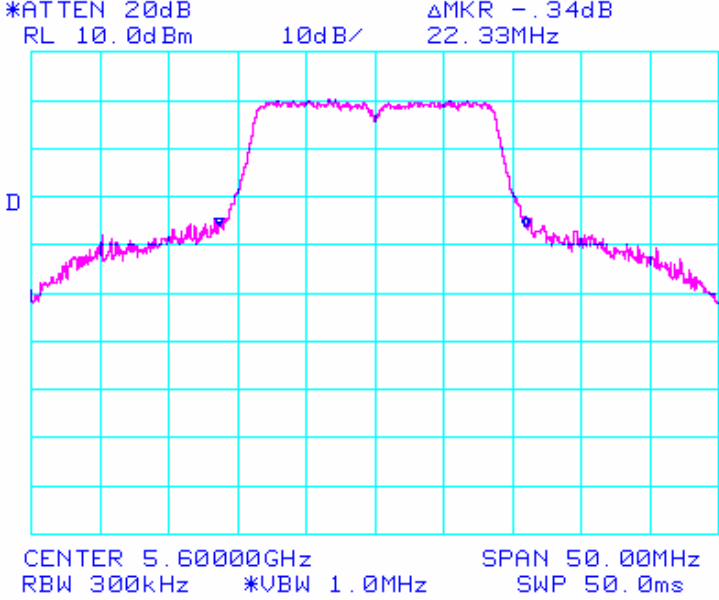
26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide

Test Date	Data	Chain	Test Eng.
03/28/08	5.50 GHz (INTEL-080114)	A	RC



Test Date	Data	Chain	Test Eng.
03/28/08	5.60 GHz (INTEL-080114)	A	RC



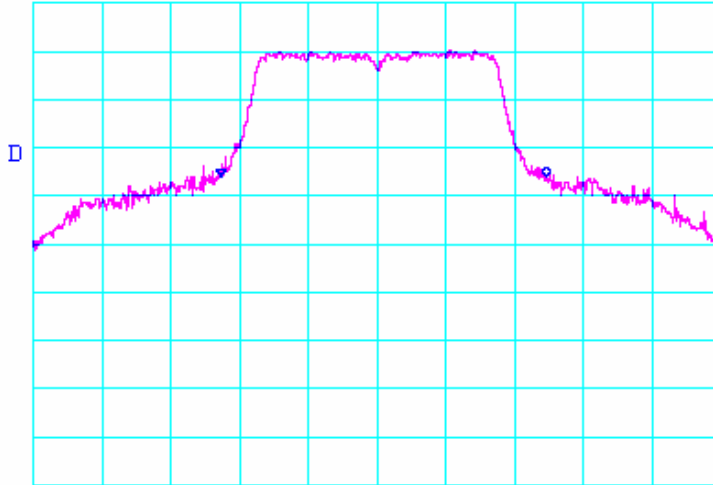


26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide

Test Date	Data	Chain	Test Eng.
03/28/08	5.26 GHz (INTEL-080114)	B	RC

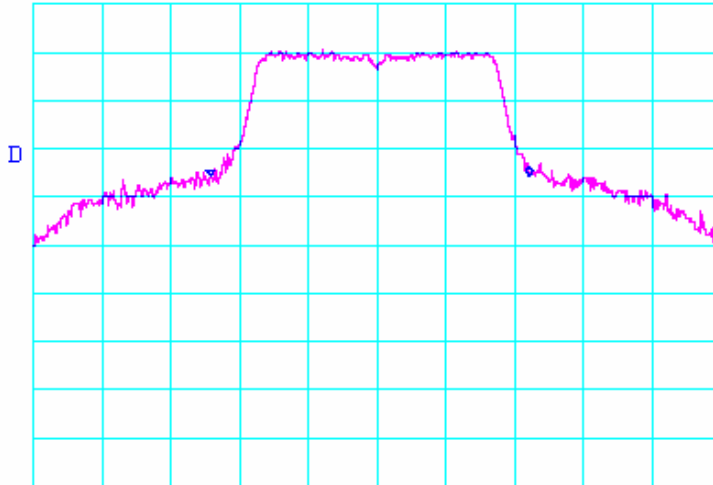
*ATTEN 20dB
RL 10.0dBm 10dB/ ΔMKR 0dB
23.67MHz



CENTER 5.26000GHz SPAN 50.00MHz
RBW 300kHz *VBW 1.0MHz SWP 50.0ms

Test Date	Data	Chain	Test Eng.
03/28/08	5.28 GHz (INTEL-080114)	B	RC

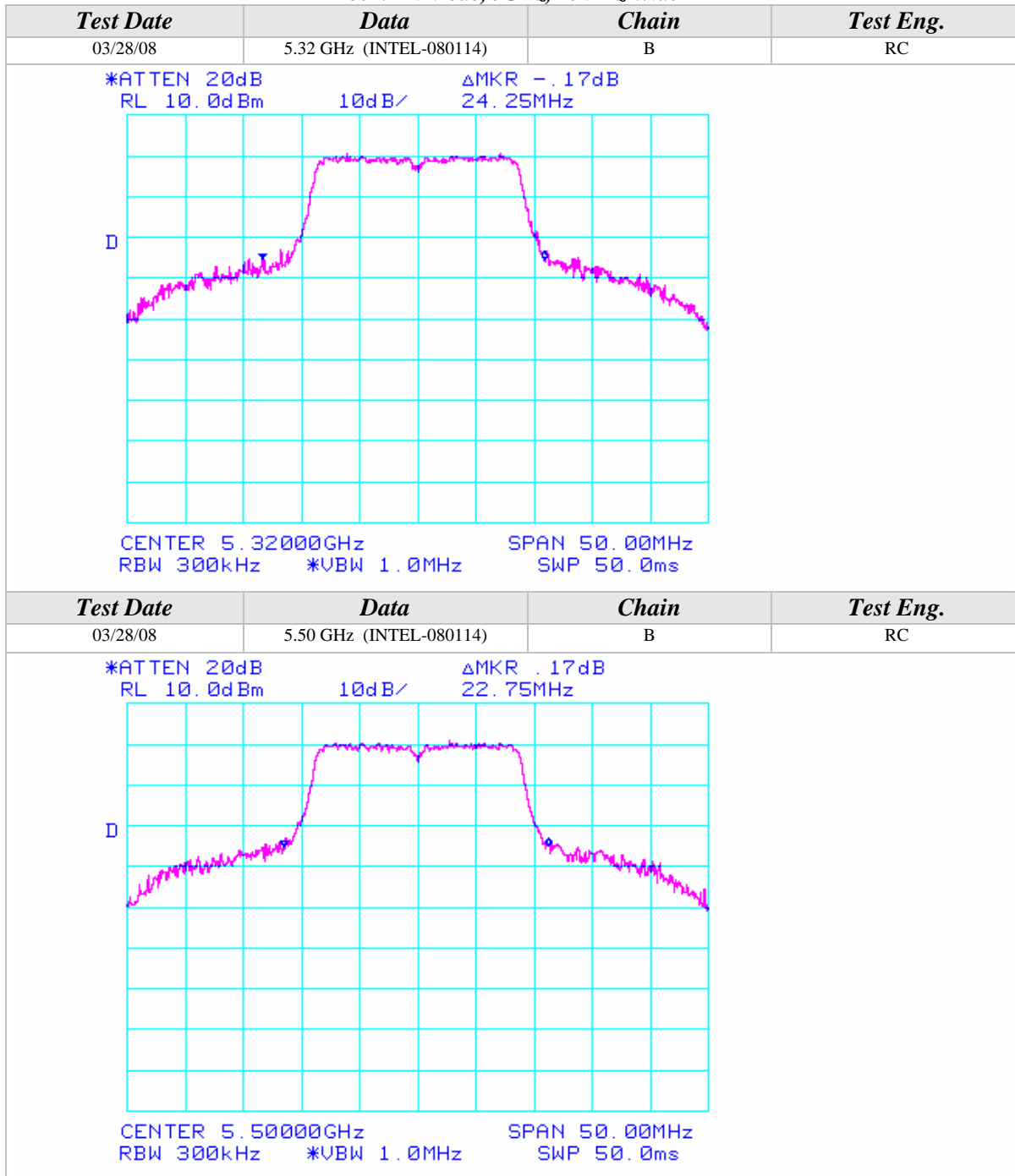
*ATTEN 20dB
RL 10.0dBm 10dB/ ΔMKR 0dB
23.17MHz



CENTER 5.28000GHz SPAN 50.00MHz
RBW 300kHz *VBW 1.0MHz SWP 50.0ms

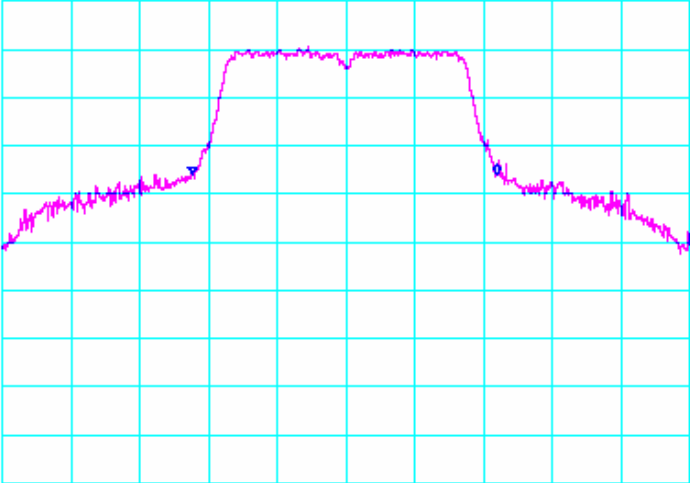
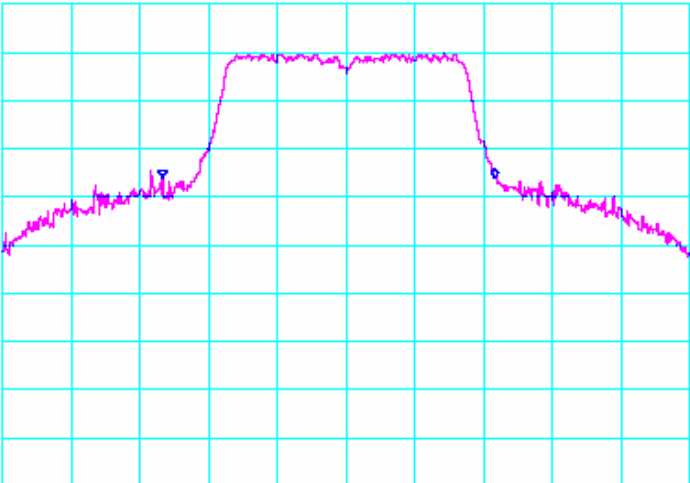
26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide



26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide

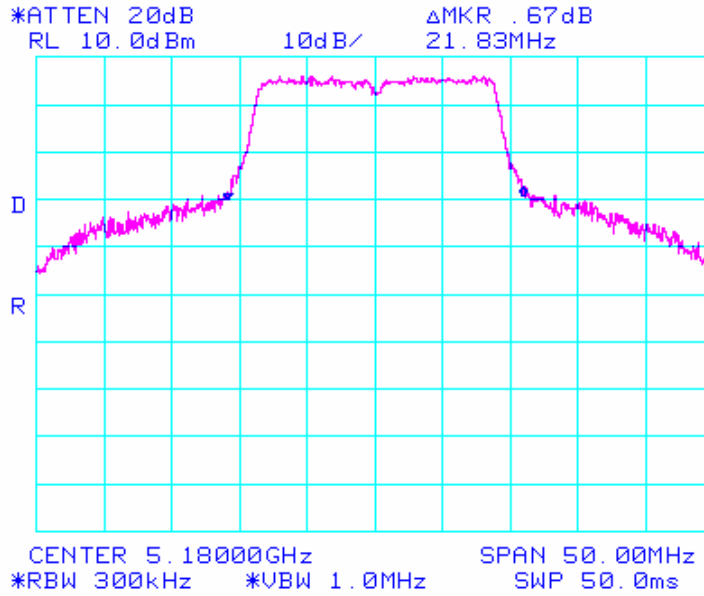
<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.60 GHz (INTEL-080114)	B	RC
<p>*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 22.17MHz</p>  <p>CENTER 5.60000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.70 GHz (INTEL-080114)	B	RC
<p>*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 24.17MHz</p>  <p>CENTER 5.70000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			



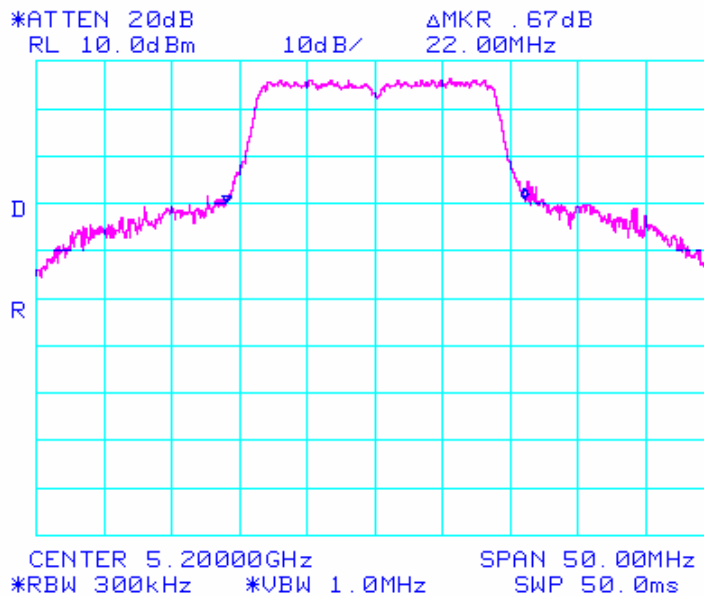
26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide

<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.18 GHz (INTEL-080114)	C	RC



<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.20 GHz (INTEL-080114)	C	RC



26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide

Test Date	Data	Chain	Test Eng.
03/28/08	5.24 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR .83dB RL 10.0dBm 10dB/ 22.08MHz</p> <p>CENTER 5.24000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
Test Date	Data	Chain	Test Eng.
03/28/08	5.26 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR -.33dB RL 10.0dBm 10dB/ 21.75MHz</p> <p>CENTER 5.26000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			



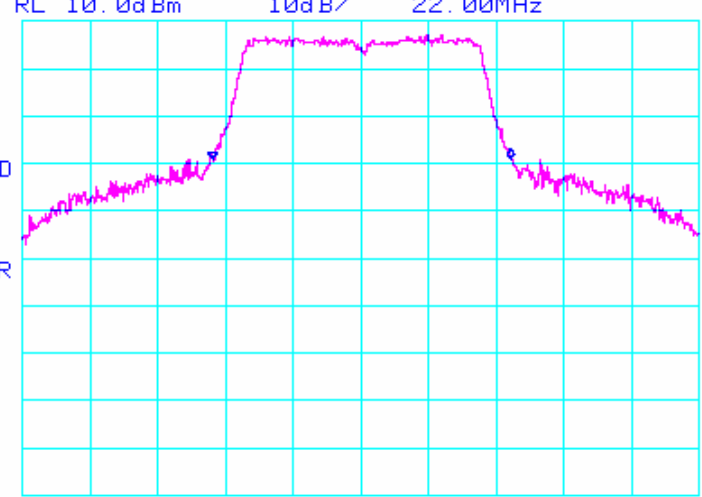
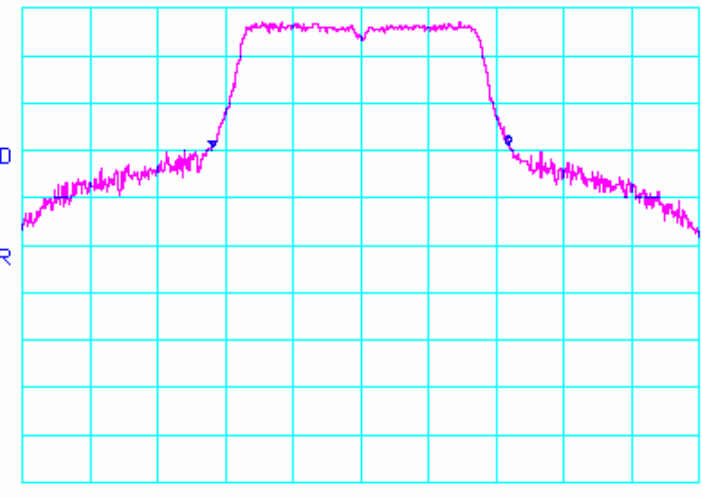
26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide

Test Date	Data	Chain	Test Eng.
03/28/08	5.28 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR -.17dB RL 10.0dBm 10dB/ 22.25MHz</p> <p>CENTER 5.28000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
Test Date	Data	Chain	Test Eng.
03/28/08	5.32 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 21.67MHz</p> <p>CENTER 5.32000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			

26dB Emissions Bandwidth (Continued)

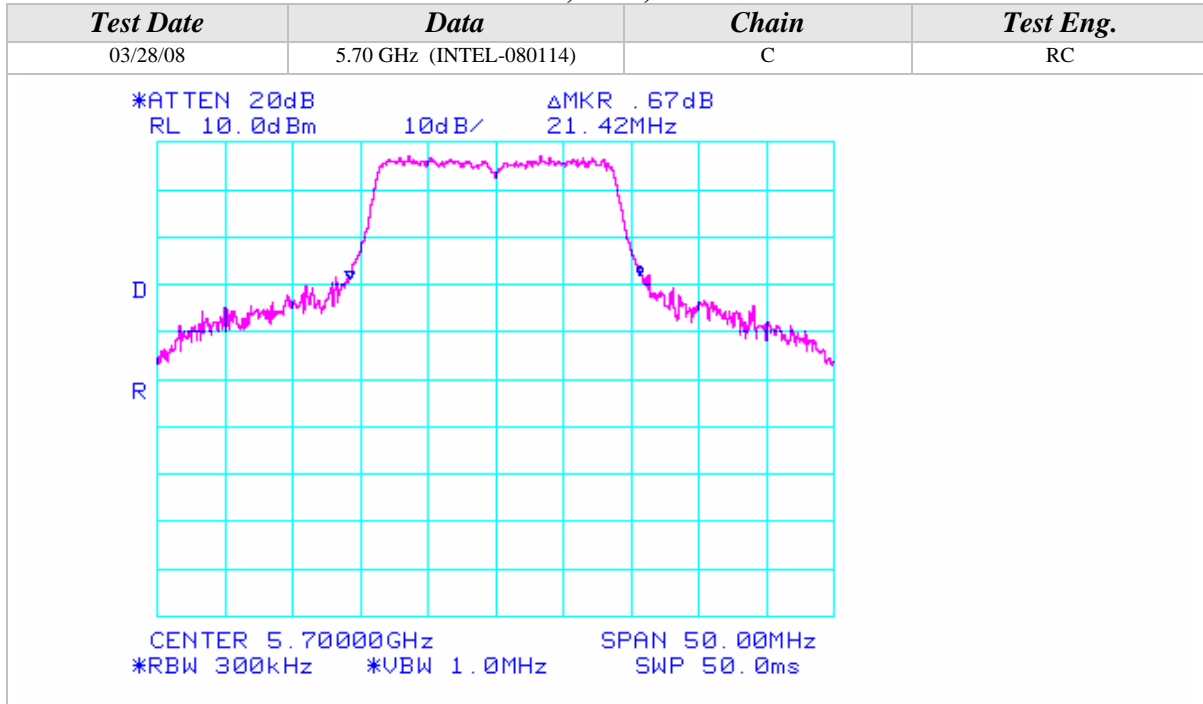
802.11n Mode, 5GHz, 20MHz Wide

Test Date	Data	Chain	Test Eng.
03/28/08	5.50 GHz (INTEL-080114)	C	RC
*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 22.00MHz  CENTER 5.50000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms			
Test Date	Data	Chain	Test Eng.
03/28/08	5.60 GHz (INTEL-080114)	C	RC
*ATTEN 20dB ΔMKR .34dB RL 10.0dBm 10dB/ 21.83MHz  CENTER 5.60000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms			



26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 20MHz Wide





26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide

Test Date	Data	Chain	Test Eng.
03/28/08	5.19 GHz (INTEL-080114)	A	RC
<p>*ATTEN 20dB ΔMKR .17dB RL 10.0dBm 10dB/ 40.67MHz</p> <p>CENTER 5.19000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
Test Date	Data	Chain	Test Eng.
03/28/08	5.23 GHz (INTEL-080114)	A	RC
<p>*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 40.08MHz</p> <p>CENTER 5.23000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			

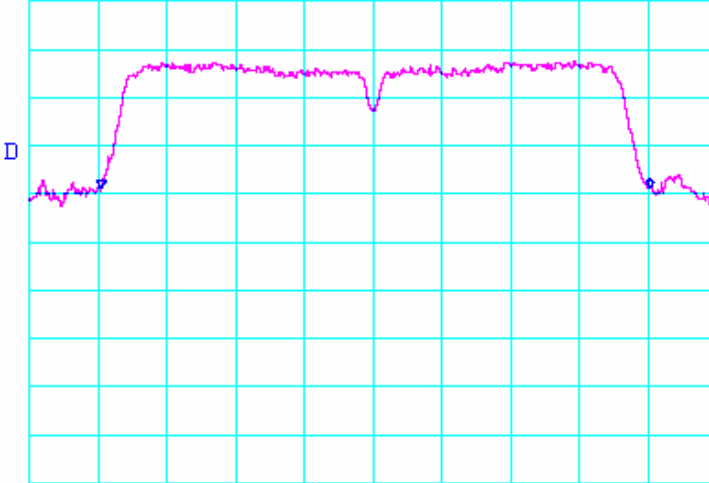


26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide

<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.27 GHz (INTEL-080114)	A	RC

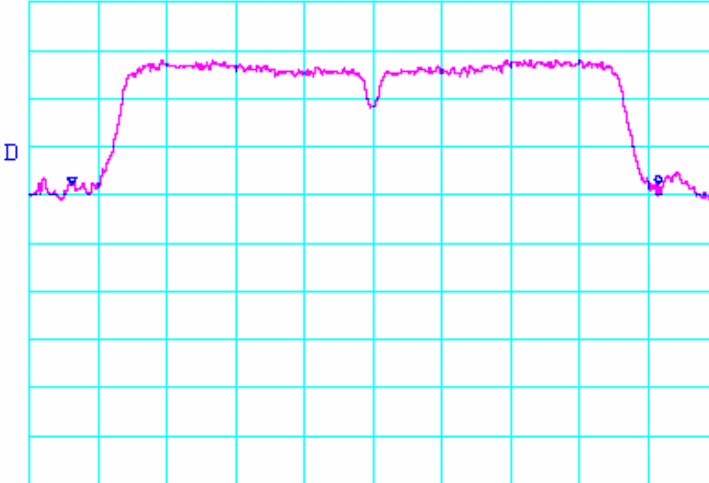
*ATTEN 20dB ΔMKR 0dB
RL 10.0dBm 10dB/ 39.92MHz



CENTER 5.27000GHz SPAN 50.00MHz
RBW 300kHz *VBW 1.0MHz SWP 50.0ms

<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.31 GHz (INTEL-080114)	A	RC

*ATTEN 20dB ΔMKR 0dB
RL 10.0dBm 10dB/ 42.67MHz

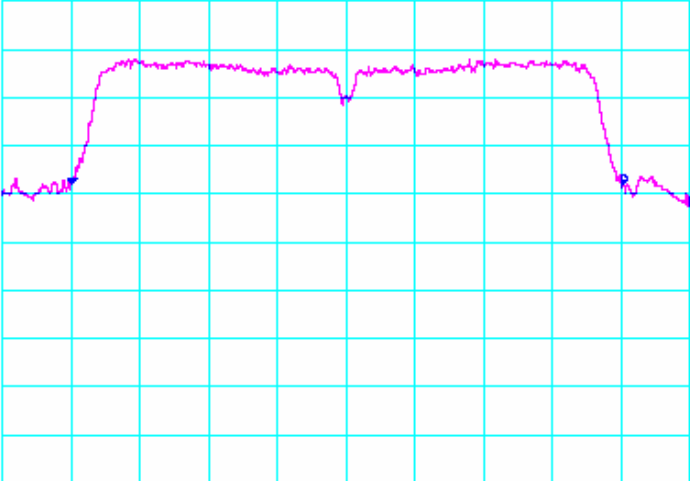
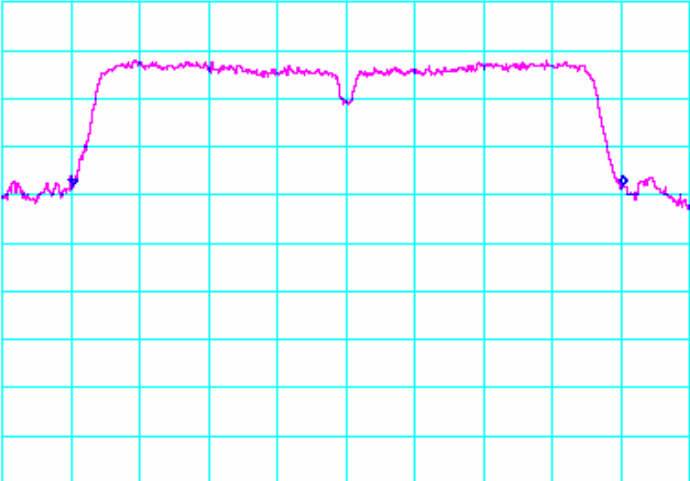


CENTER 5.31000GHz SPAN 50.00MHz
RBW 300kHz *VBW 1.0MHz SWP 50.0ms



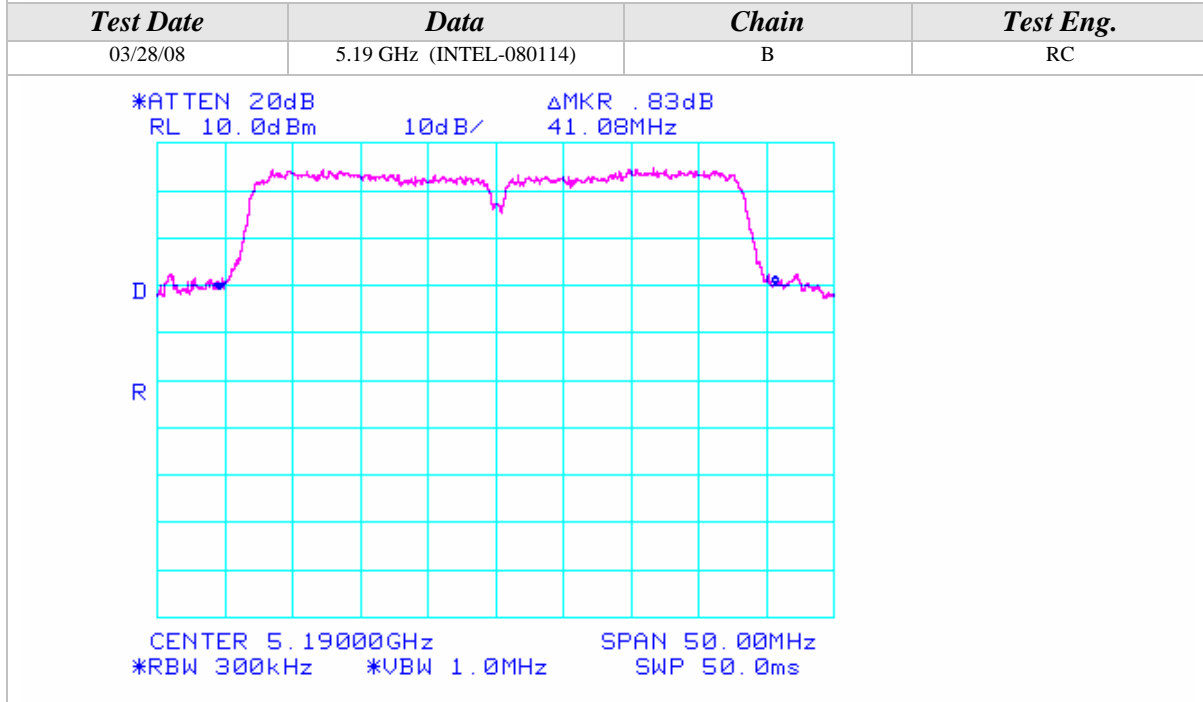
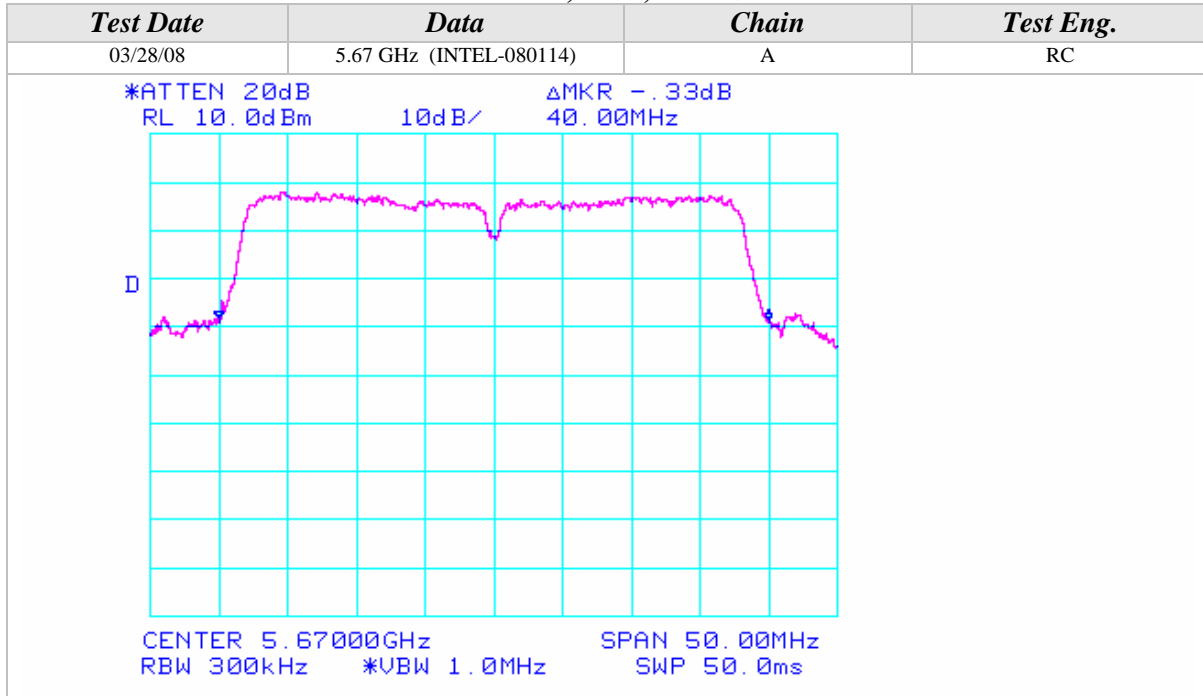
26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide

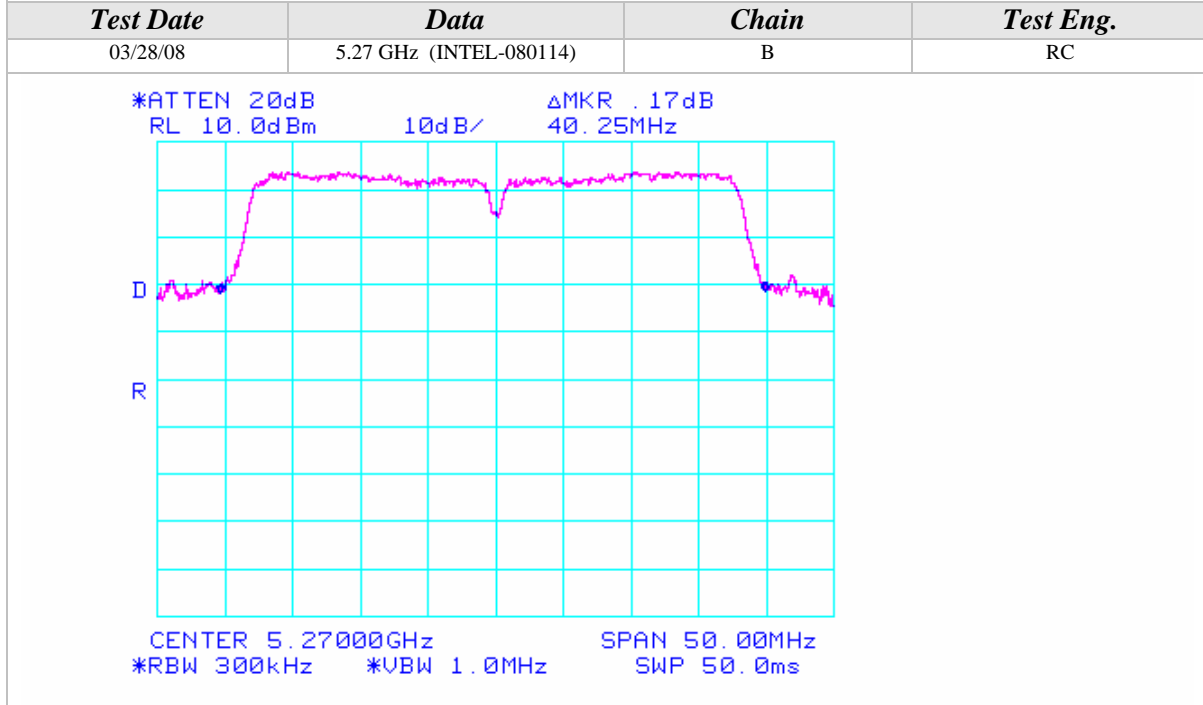
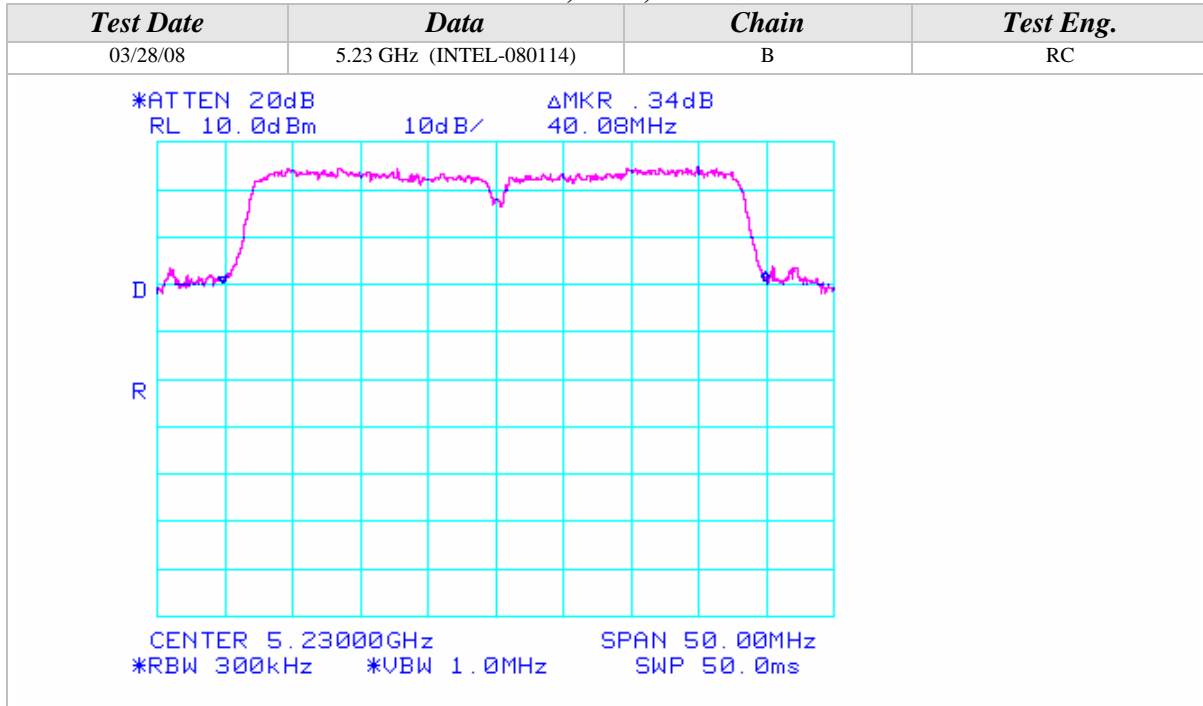
<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.51 GHz (INTEL-080114)	A	RC
*ATTEN 20dB ΔMKR .17dB RL 10.0dBm 10dB/ 40.17MHz			
			
CENTER 5.51000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms			
<i>Test Date</i>	<i>Data</i>	<i>Chain</i>	<i>Test Eng.</i>
03/28/08	5.59 GHz (INTEL-080114)	A	RC
*ATTEN 20dB ΔMKR 0dB RL 10.0dBm 10dB/ 40.00MHz			
			
CENTER 5.59000GHz SPAN 50.00MHz RBW 300kHz *VBW 1.0MHz SWP 50.0ms			

26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide



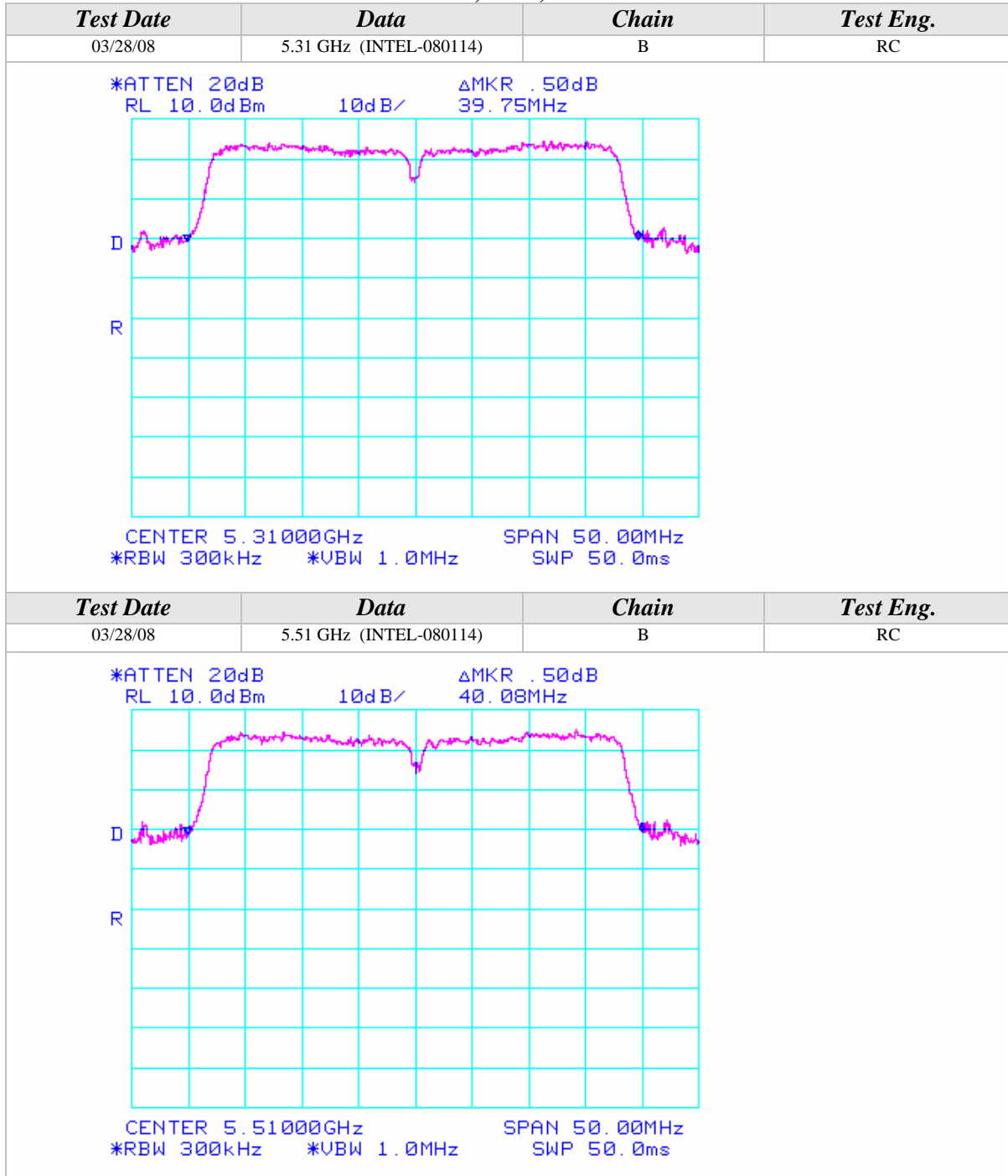
26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide




26dB Emissions Bandwidth (Continued)

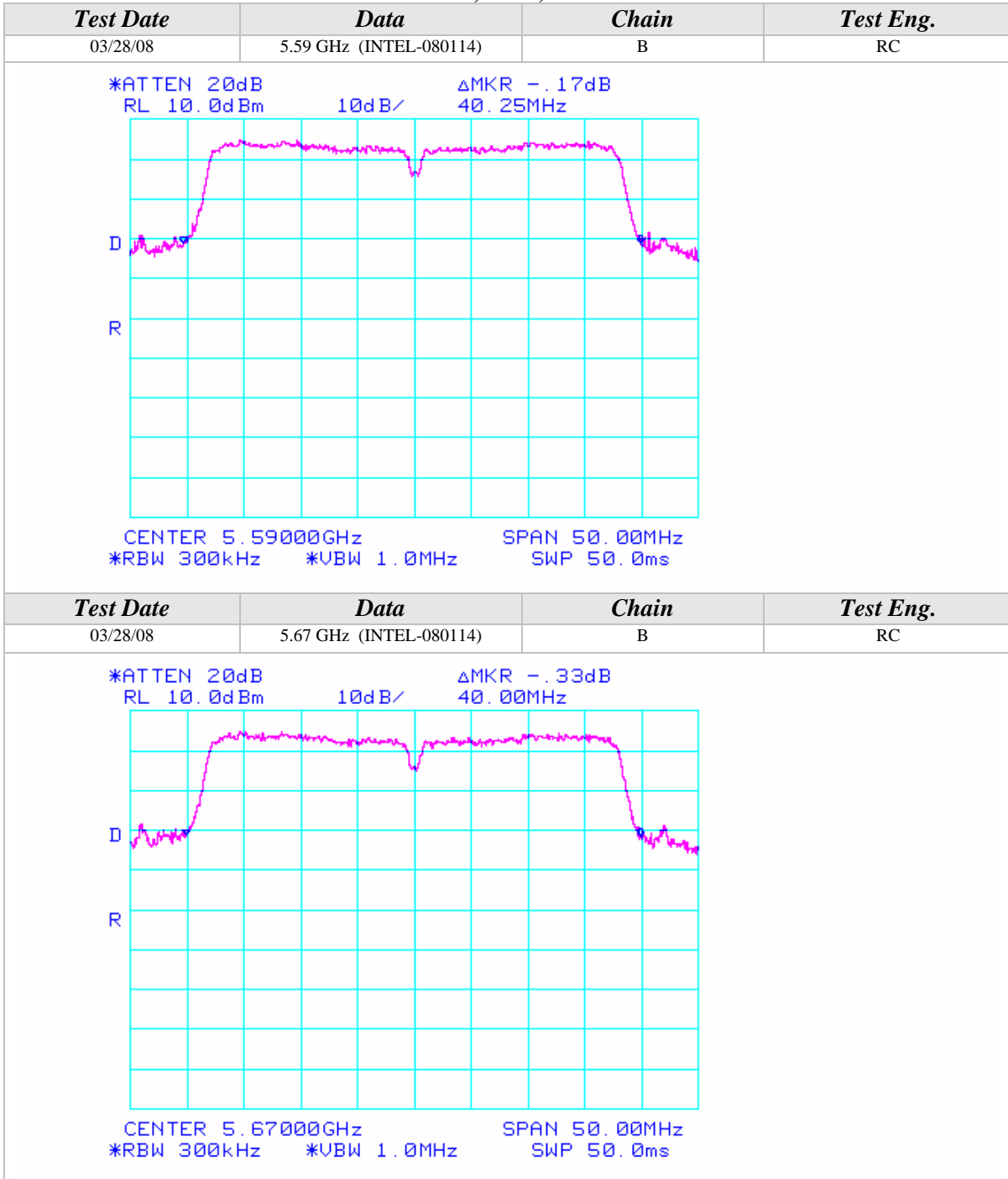
802.11n Mode, 5GHz, 40MHz Wide





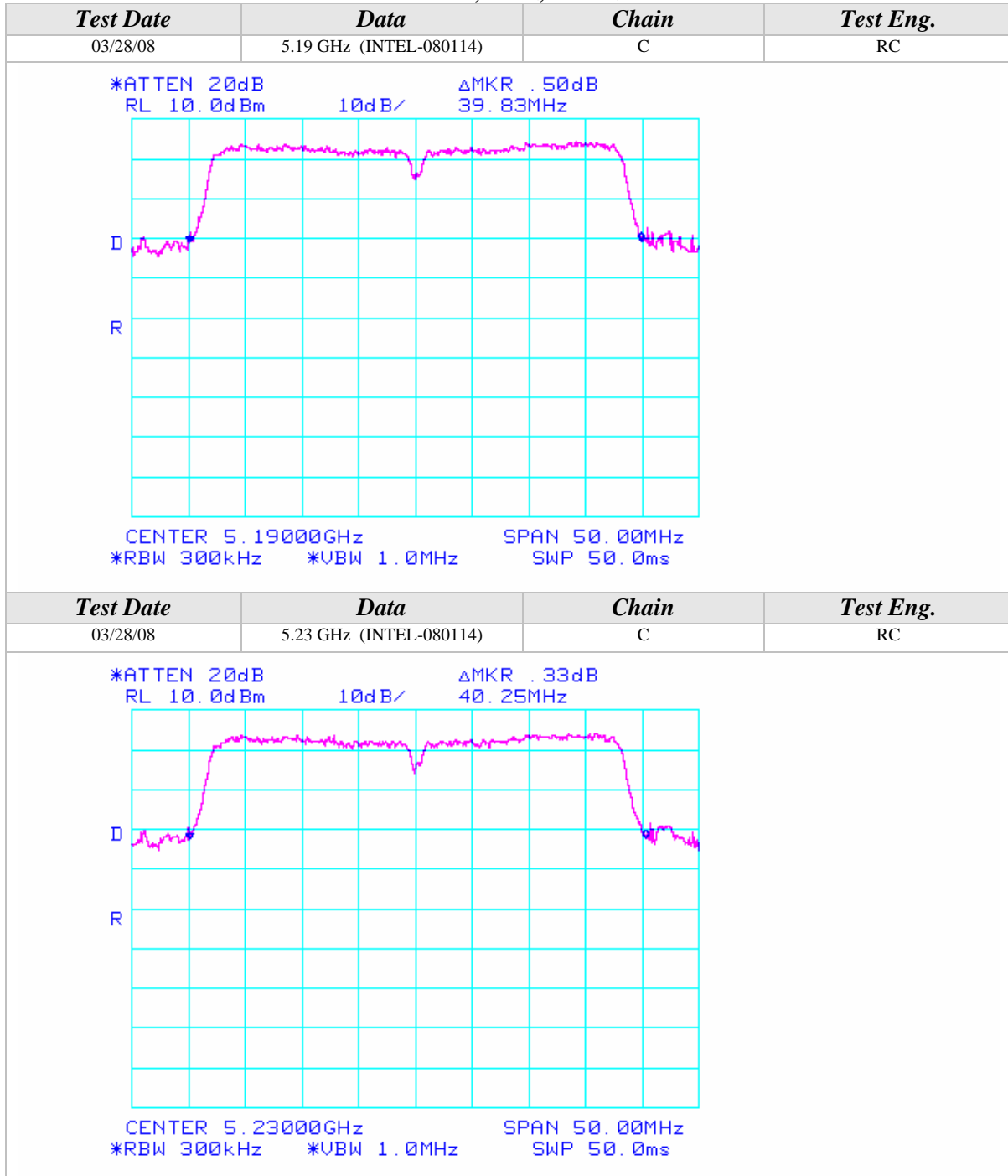
26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide



26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide





26dB Emissions Bandwidth (Continued)

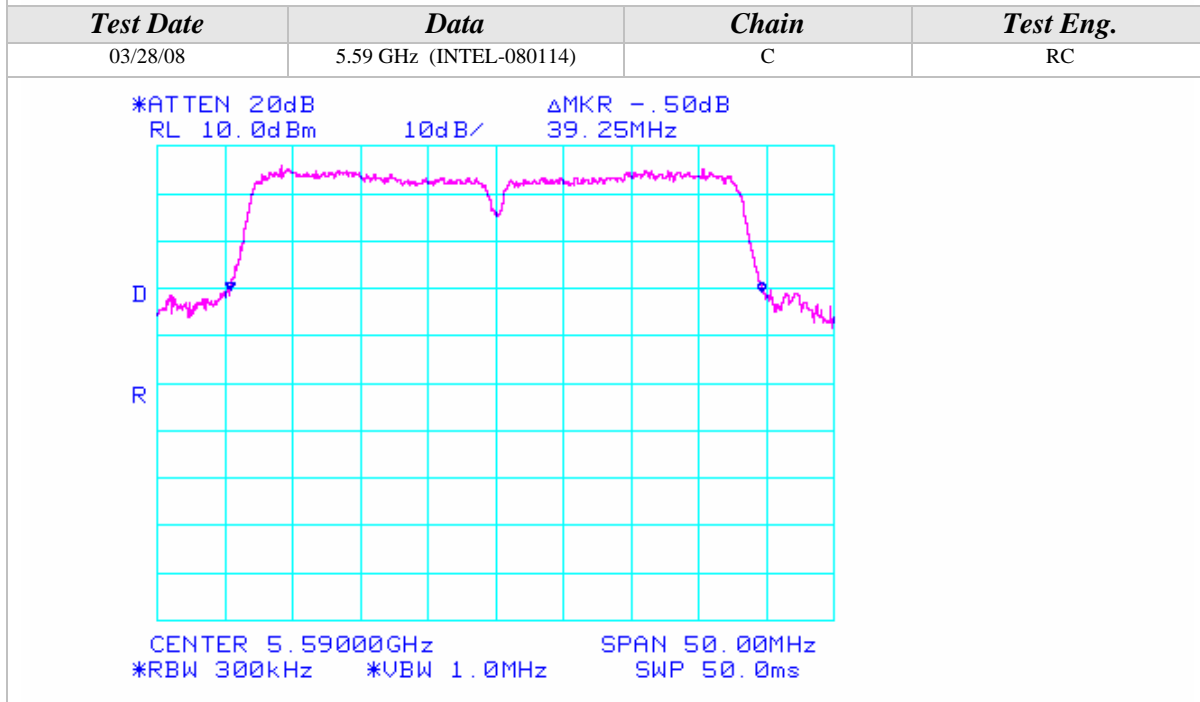
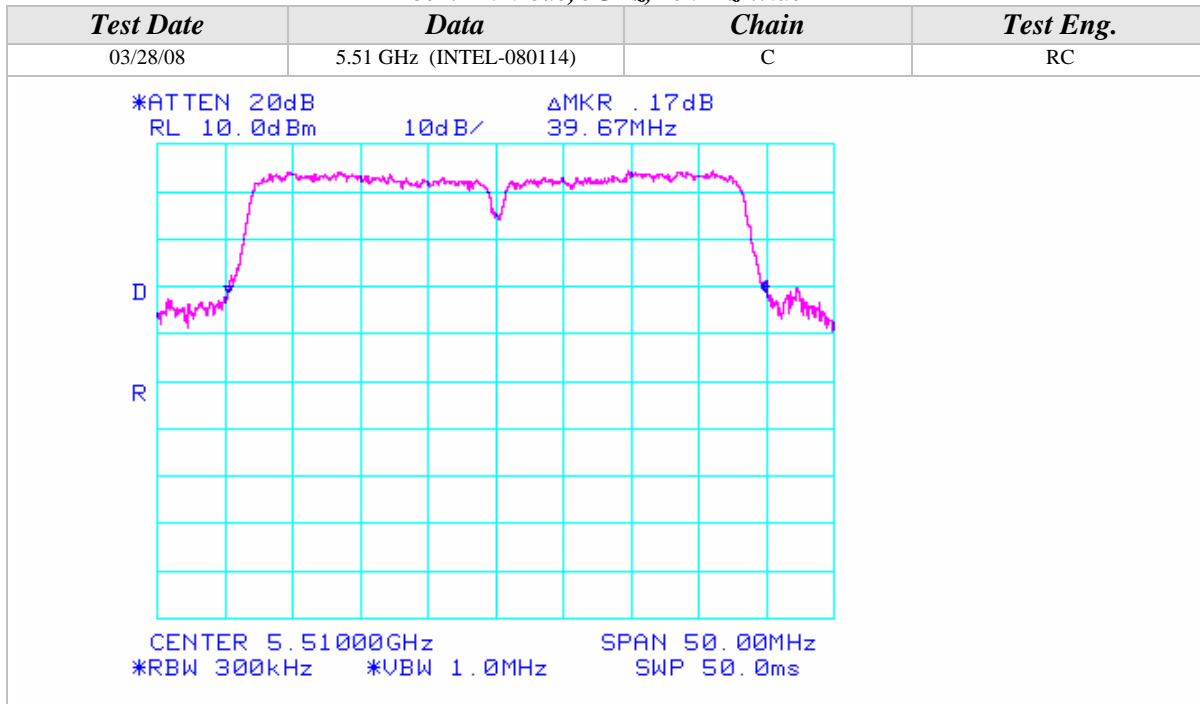
802.11n Mode, 5GHz, 40MHz Wide

Test Date	Data	Chain	Test Eng.
03/28/08	5.27 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR .50dB RL 10.0dBm 10dB/ 39.67MHz</p> <p>CENTER 5.27000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			
Test Date	Data	Chain	Test Eng.
03/28/08	5.31 GHz (INTEL-080114)	C	RC
<p>*ATTEN 20dB ΔMKR .50dB RL 10.0dBm 10dB/ 39.50MHz</p> <p>CENTER 5.31000GHz SPAN 50.00MHz *RBW 300kHz *VBW 1.0MHz SWP 50.0ms</p>			



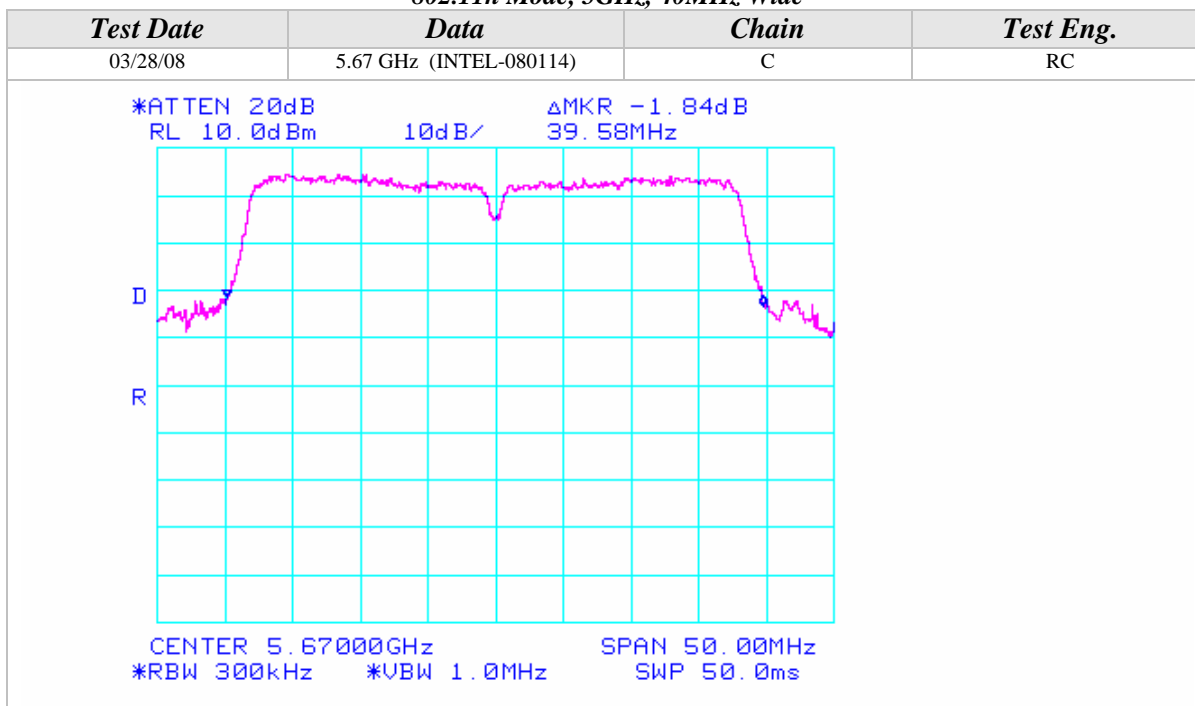
26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide



26dB Emissions Bandwidth (Continued)

802.11n Mode, 5GHz, 40MHz Wide



**PEAK POWER SPECTRAL DENSITY**

CLIENT:	Intel Corporation	DATE:	03/28/08
EUT:	Intel WiFi/WiMax Link 5350	PROJECT NUMBER:	INTEL-080114
MODEL NUMBER:	533ANXMMW	TEST ENGINEER:	RC/KN
SERIAL NUMBER:	0016EB01A3A8	SITE #:	2
CONFIGURATION:	Tested installed in an extender board connected to the host laptop's mini PCI slot	TEMPERATURE:	23 deg. C
		HUMIDITY:	46% RH
		TIME:	11:00 AM

Description:	For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 4 dBm in any 1-MHz band For the band 5.2 5-5.35 GHz & 5.47-5.725, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band
Results:	See Data Sheet
Note:	Conducted Emissions Measurements were performed on the EUT with power supply set at the following voltage and frequency. <ul style="list-style-type: none"> 120VAC / 60 Hz.

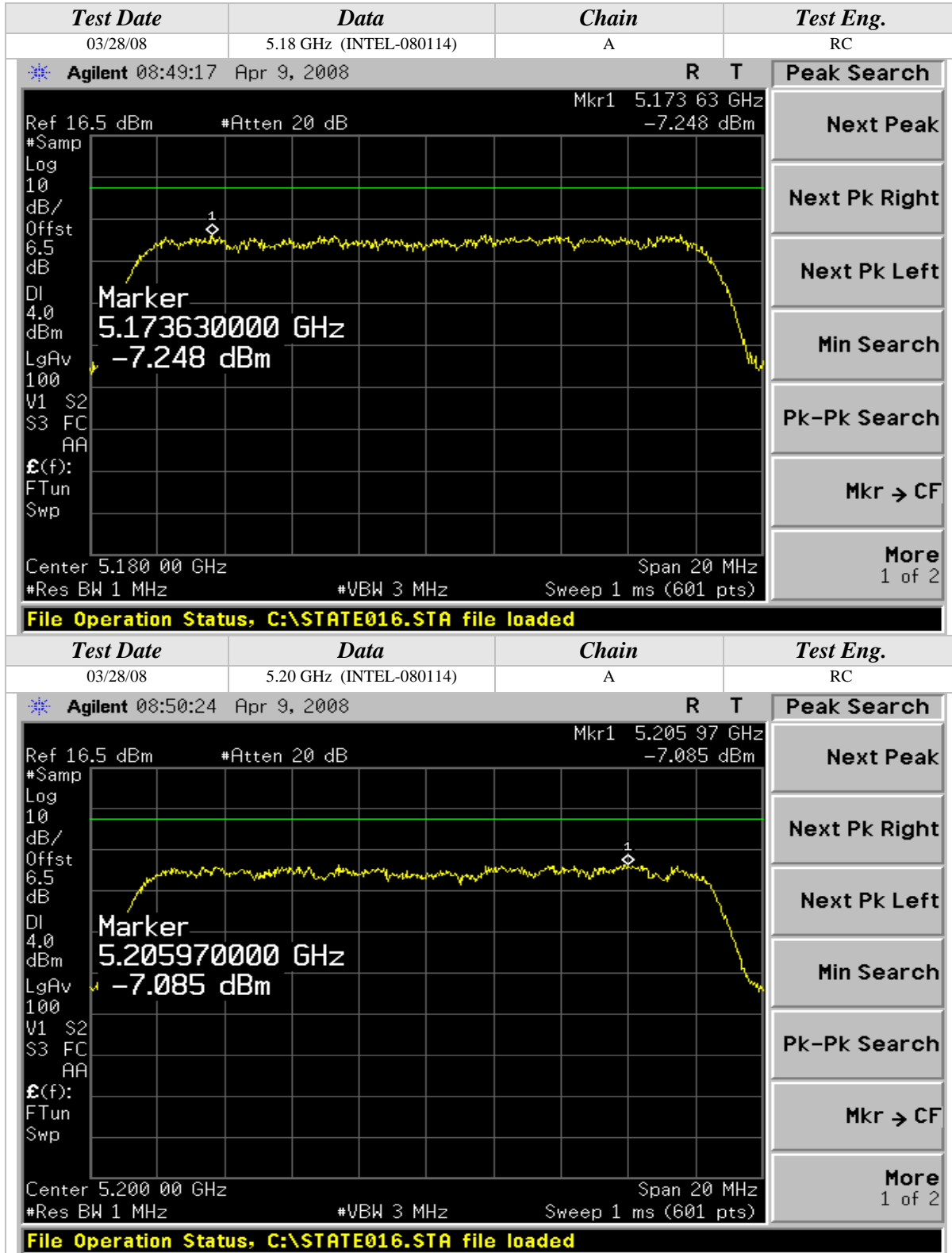
Peak Power Spectral Density Limits	
Frequency (MHz)	Limit (dBm)
5150-5250	4
5250-5350	11
5470-5725	11

Using "Method 2" of the FCC Public Notice (DA 02-2138) for all frequency bands



Peak Power Spectral Density (Continued)

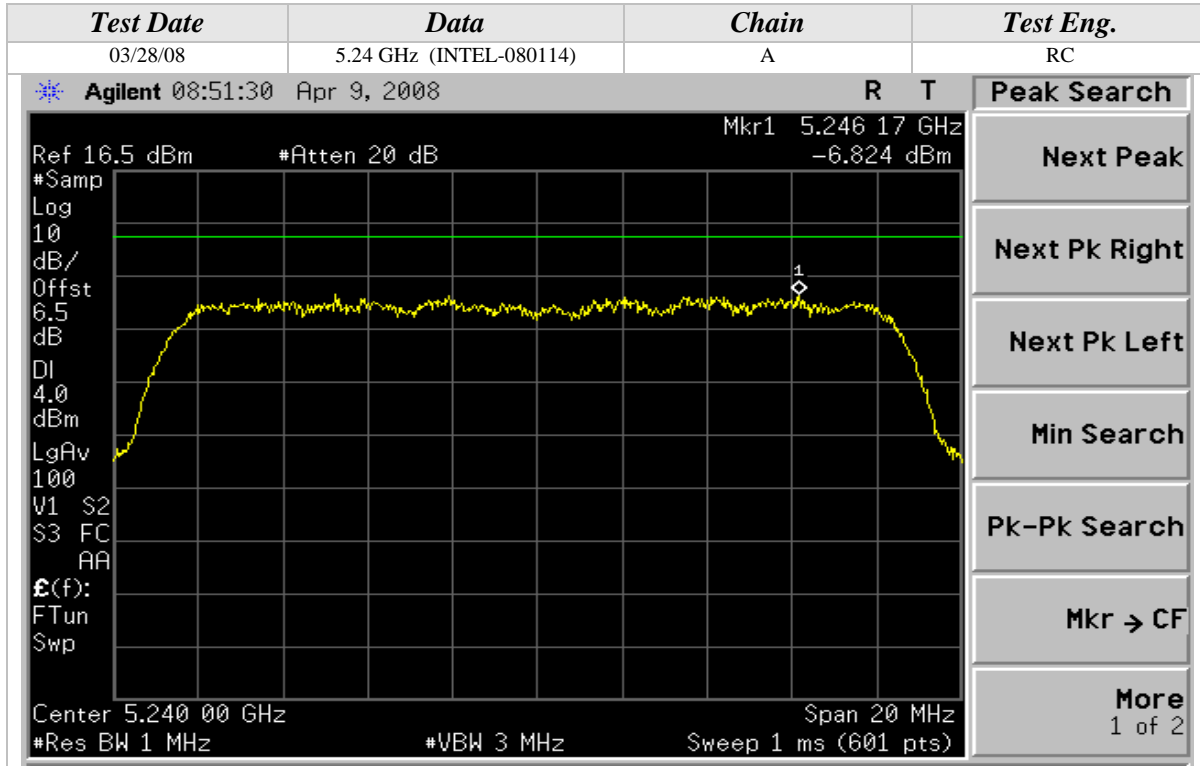
802.11a Mode





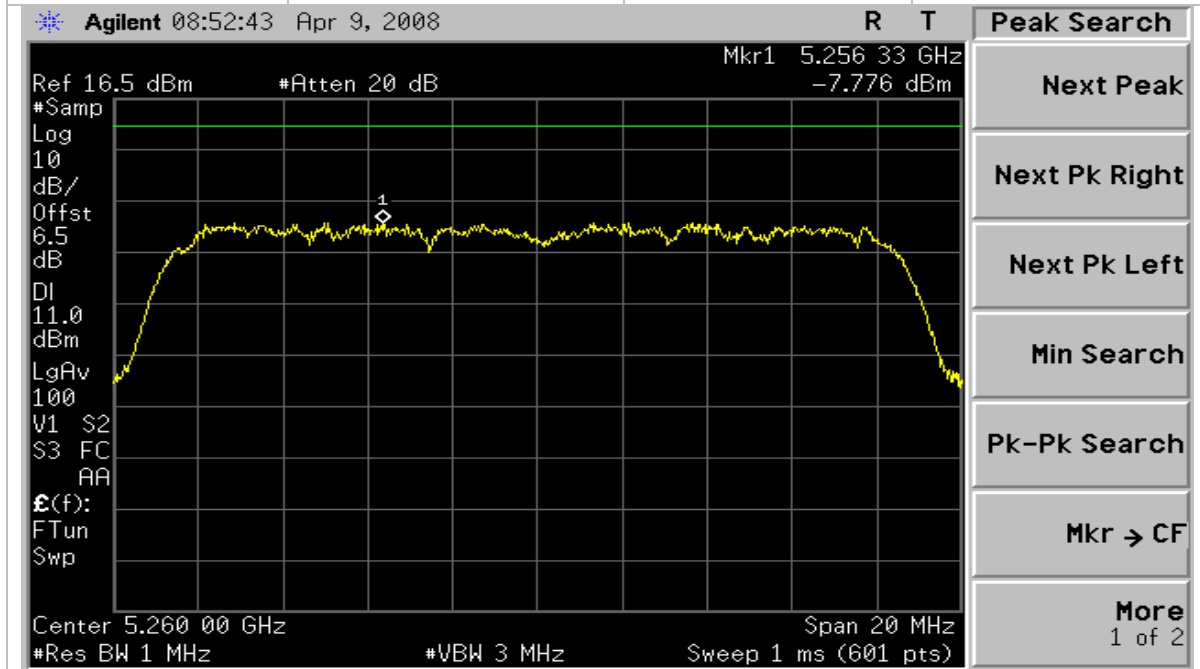
Peak Power Spectral Density (Continued)

802.11a Mode



File Operation Status, C:\STATE016.STA file loaded

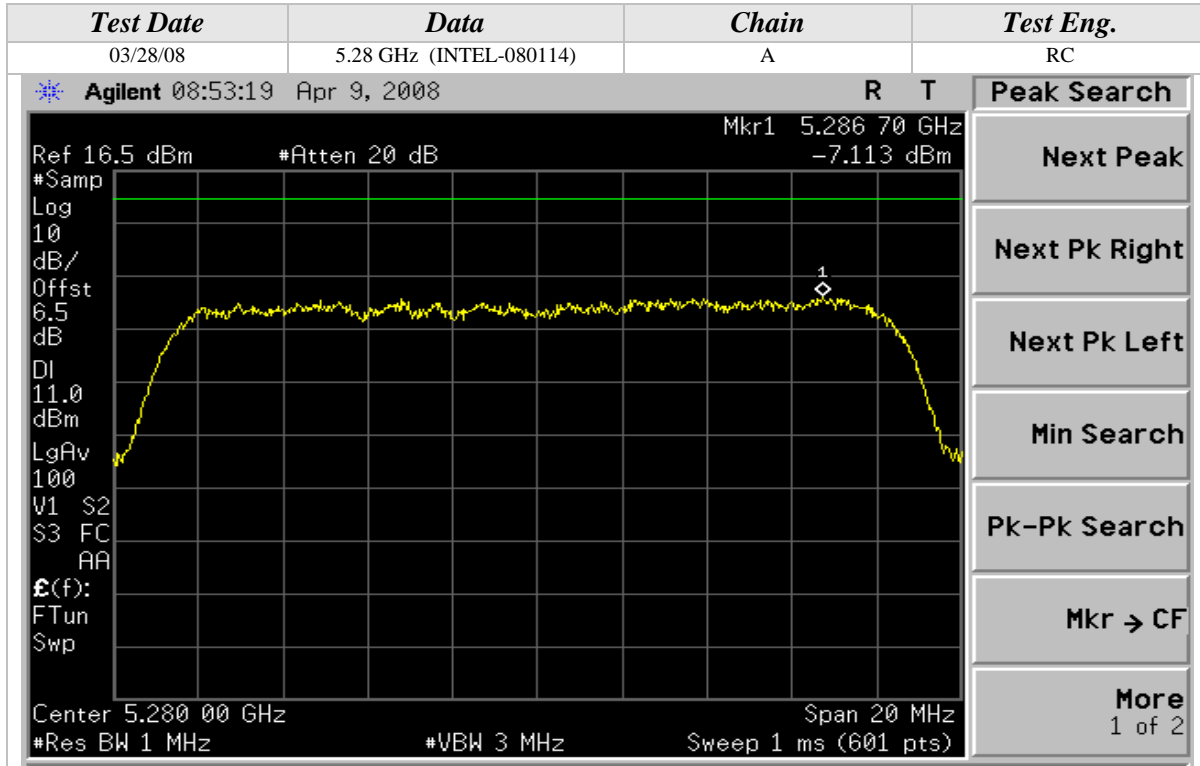
Test Date	Data	Chain	Test Eng.
03/28/08	5.26 GHz (INTEL-080114)	A	RC



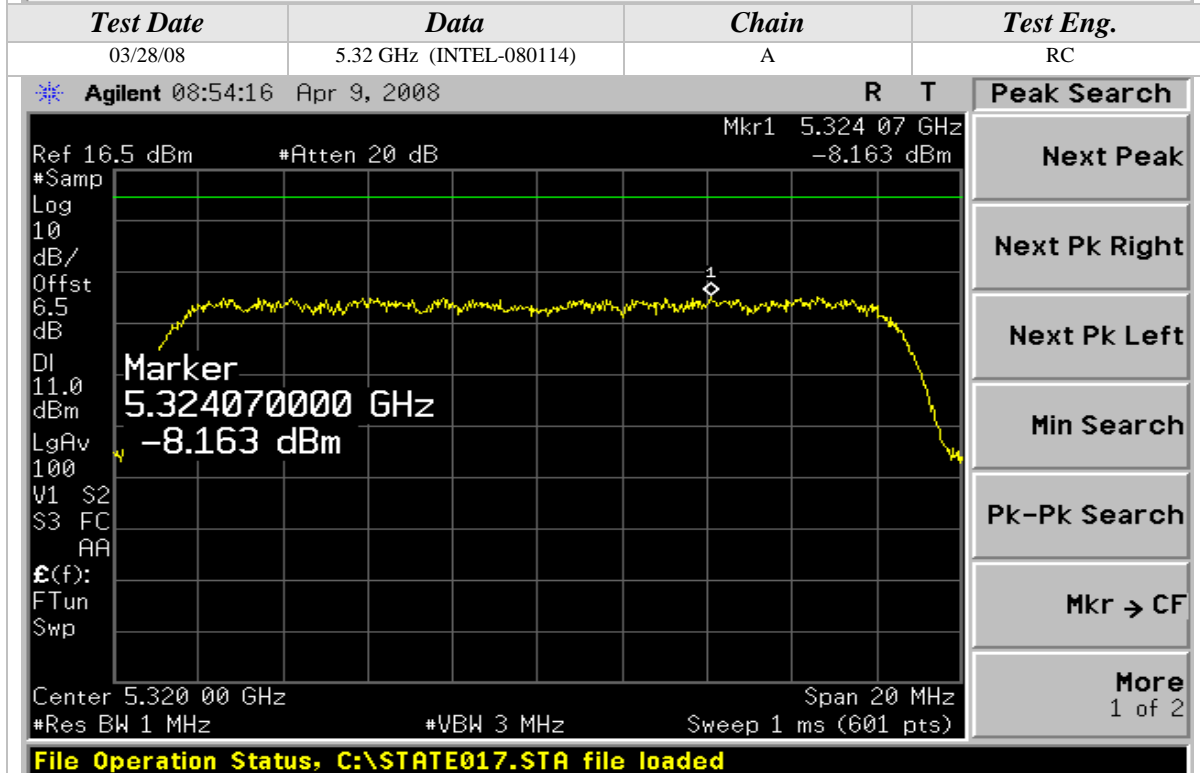
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Peak Power Spectral Density (Continued)

802.11a Mode



File Operation Status, C:\STATE017.STA file loaded

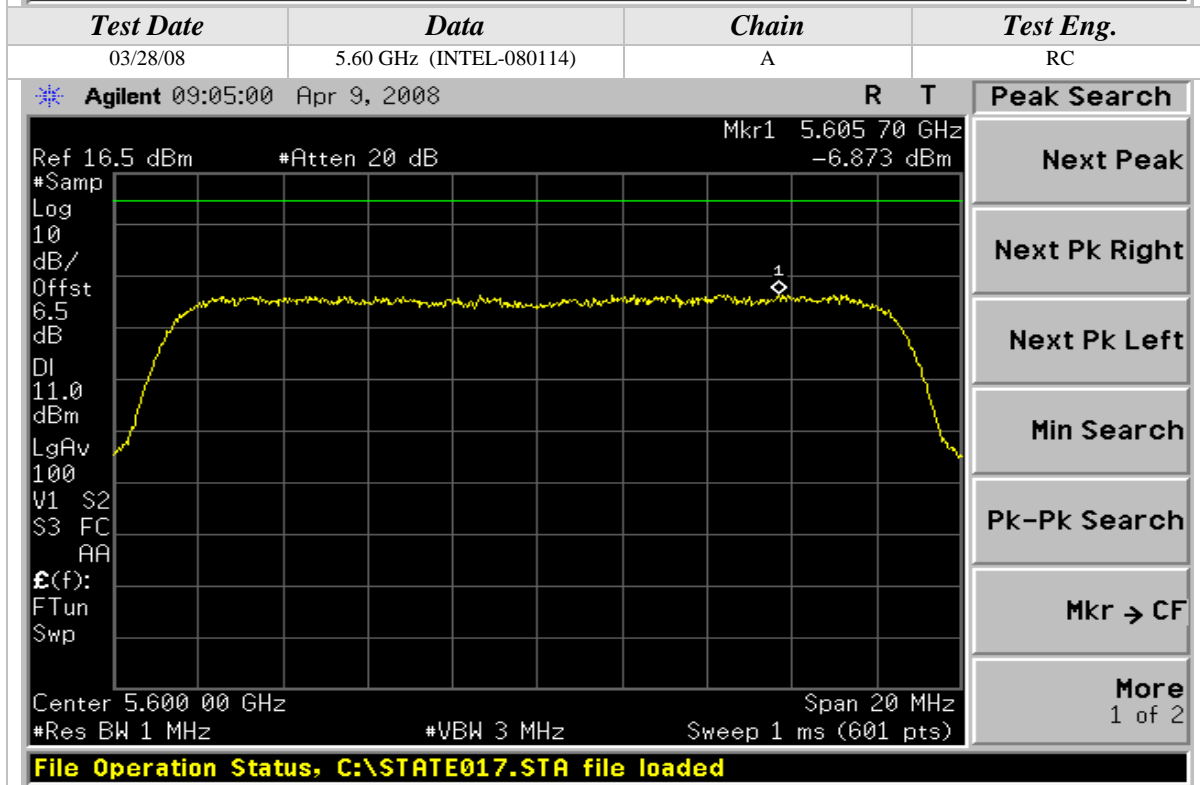
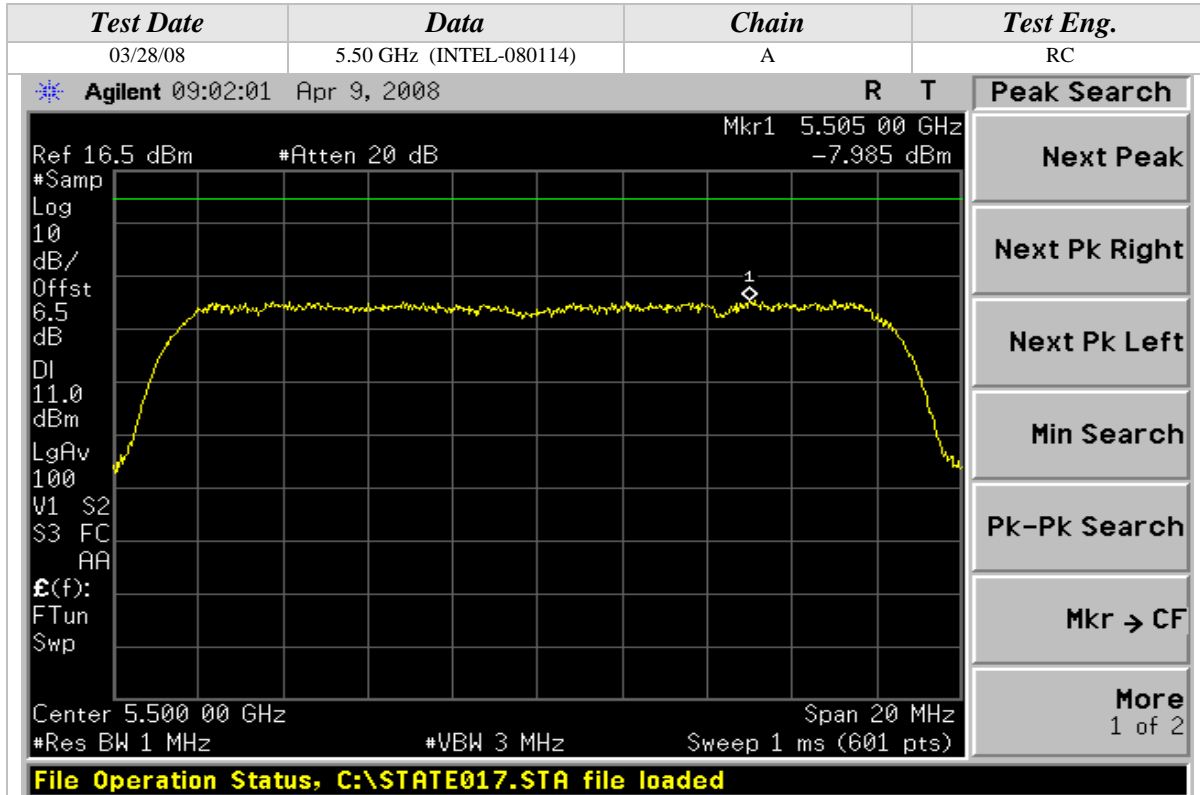


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Peak Power Spectral Density (Continued)

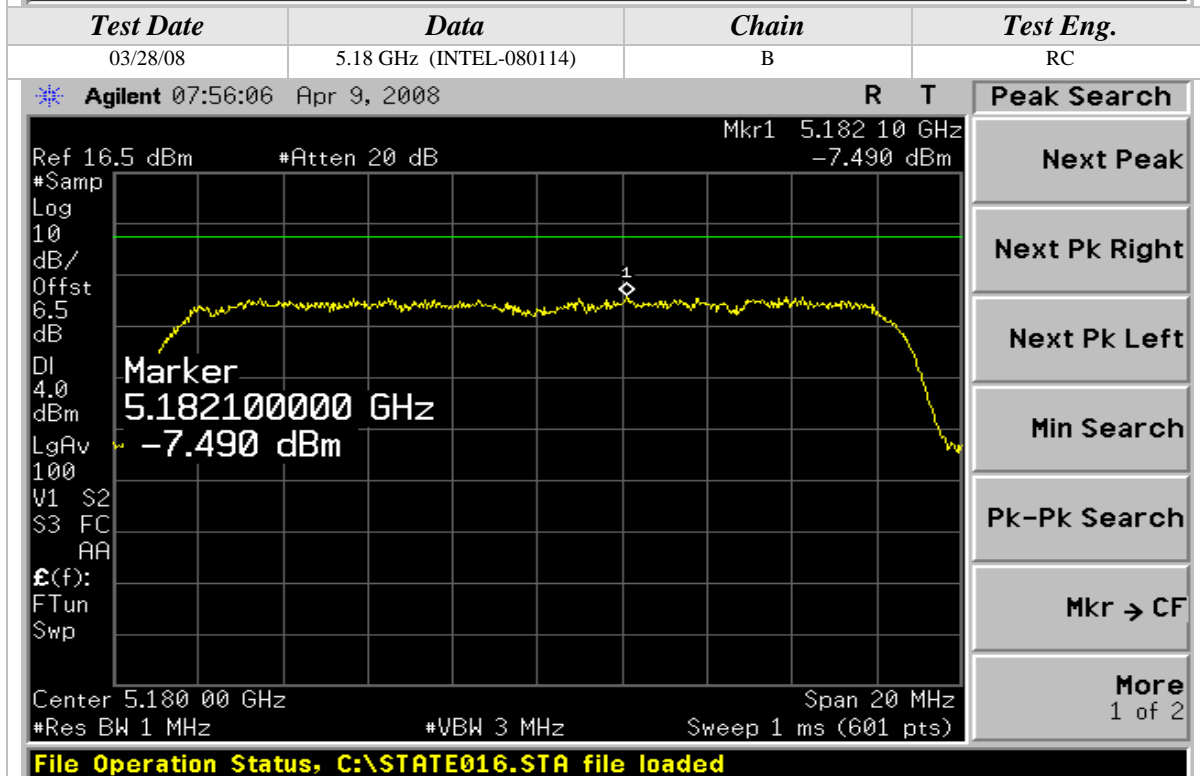
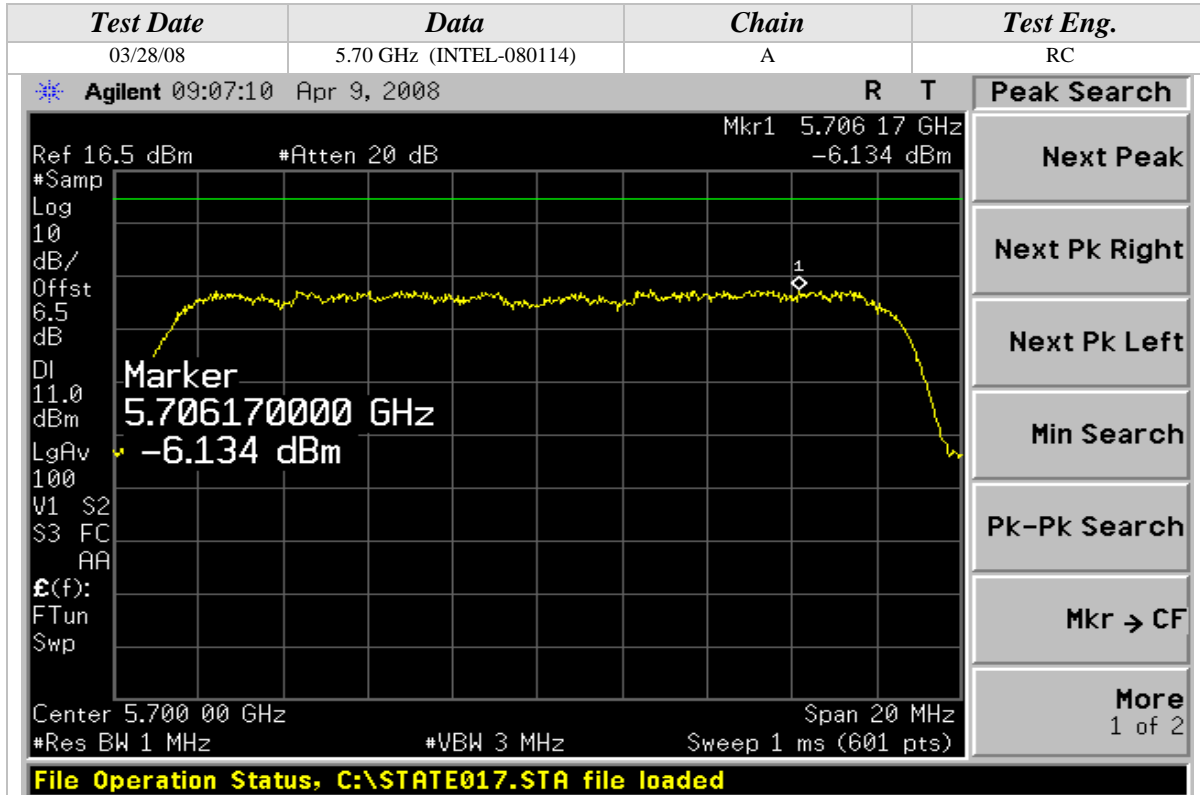
802.11a Mode





Peak Power Spectral Density (Continued)

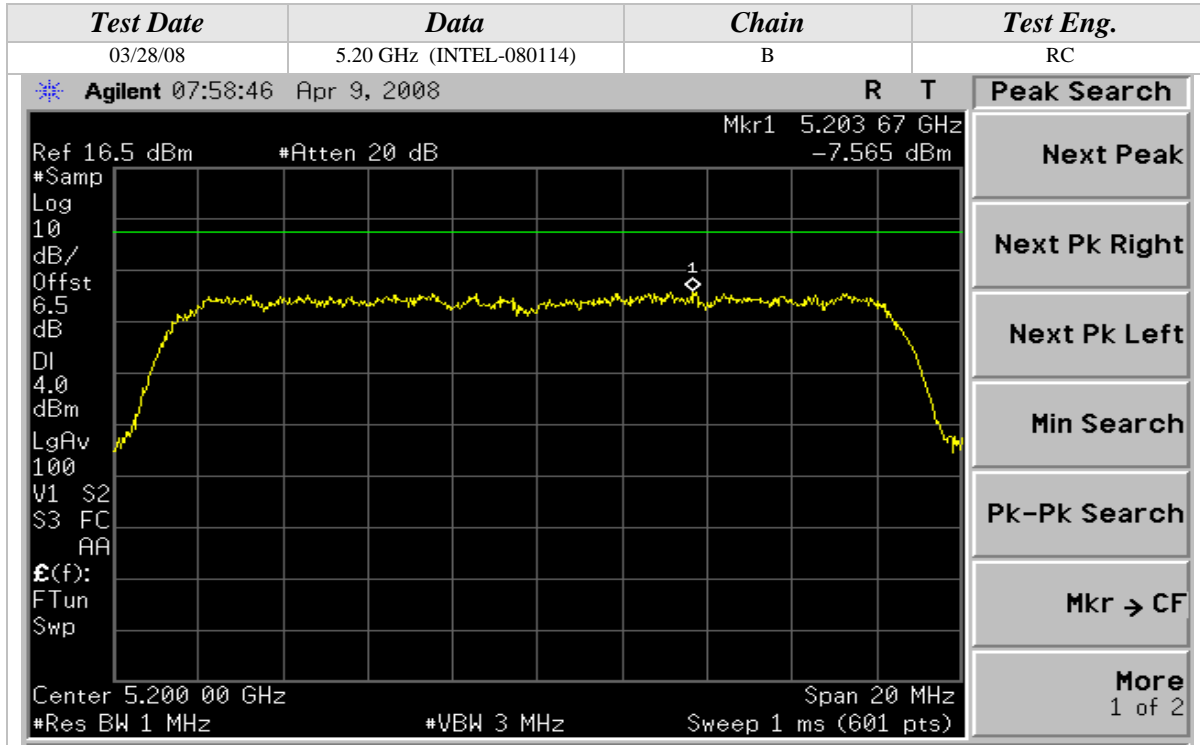
802.11a Mode



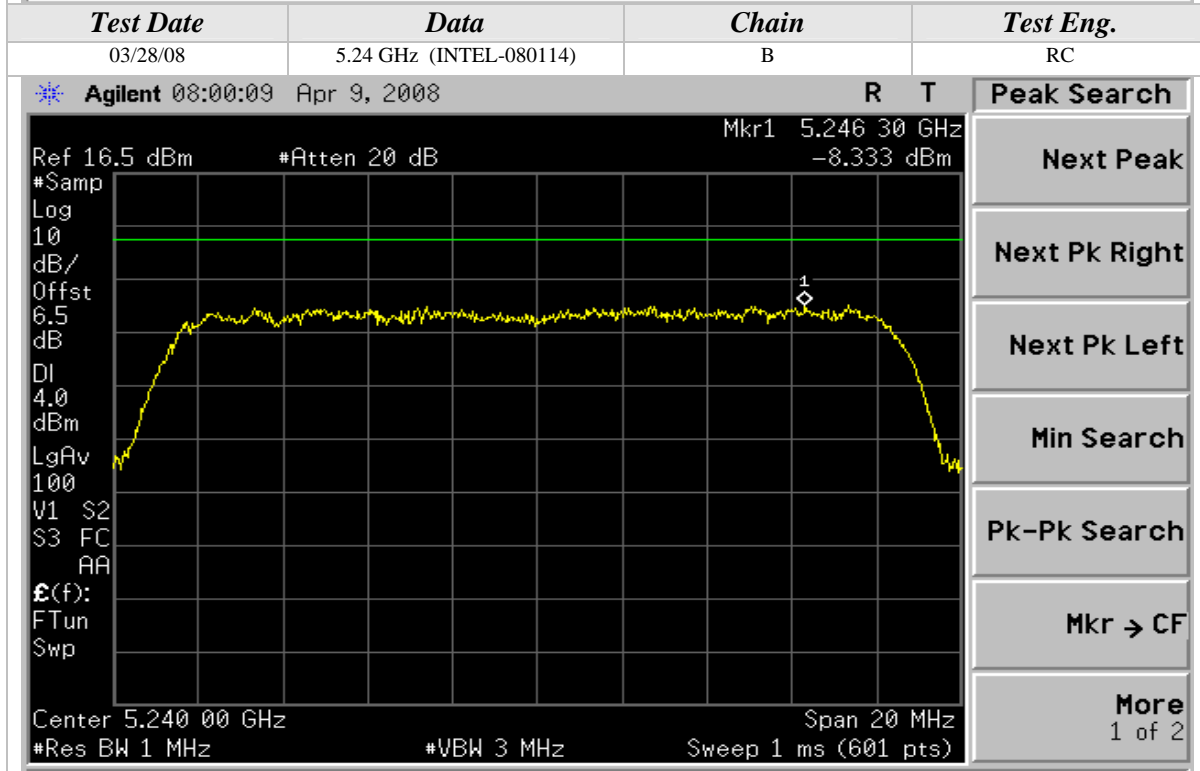


Peak Power Spectral Density (Continued)

802.11a Mode



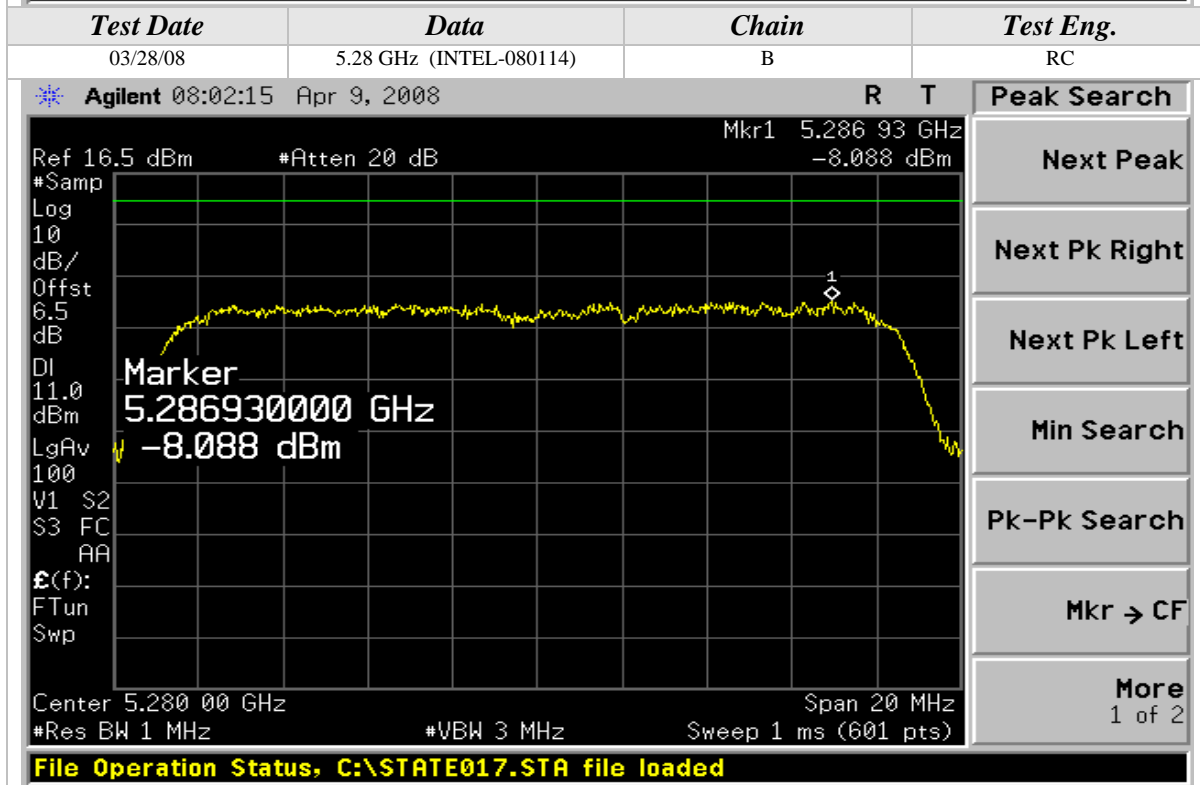
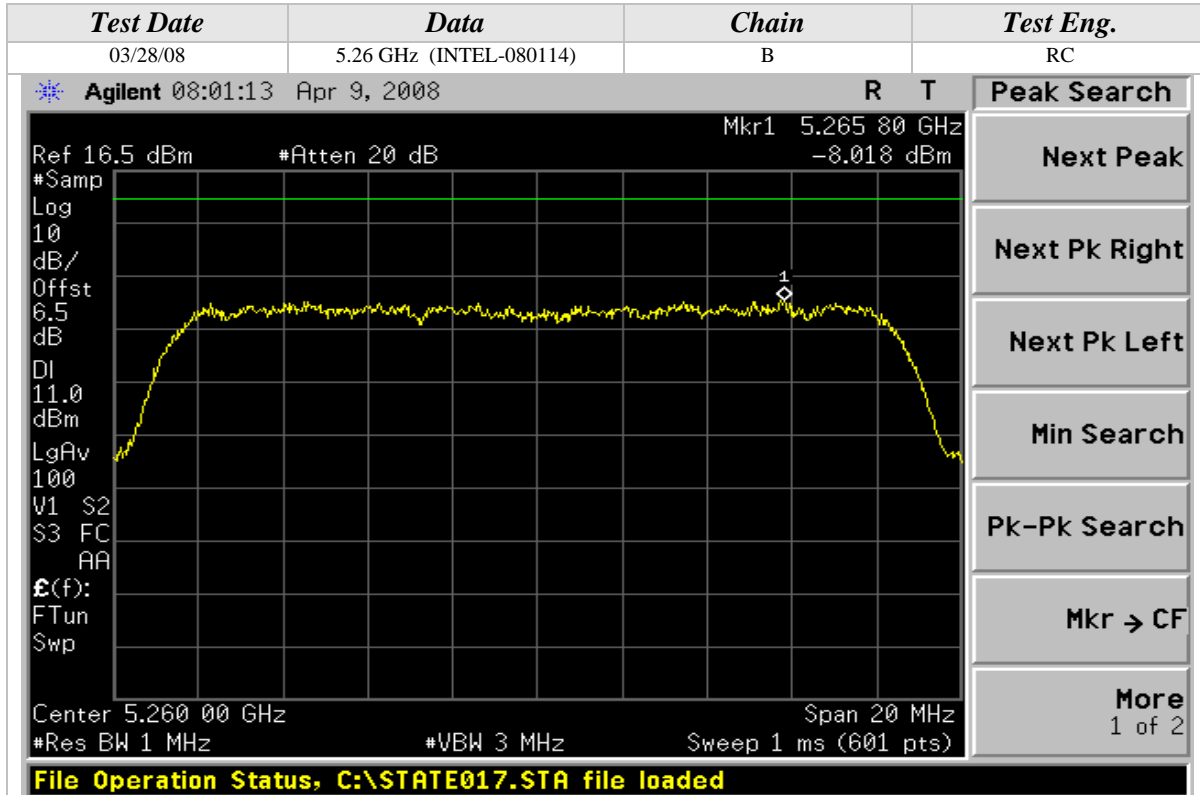
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File Operation Status, C:\STATE016.STA file loaded

Peak Power Spectral Density (Continued)

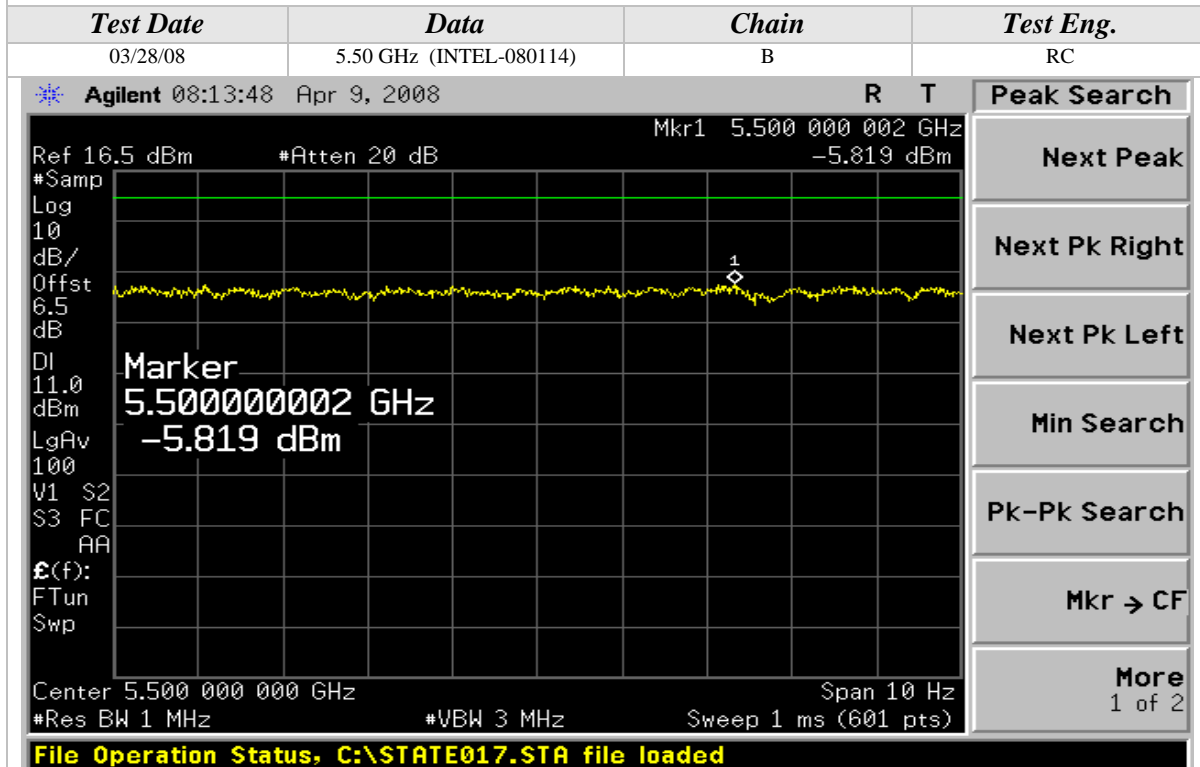
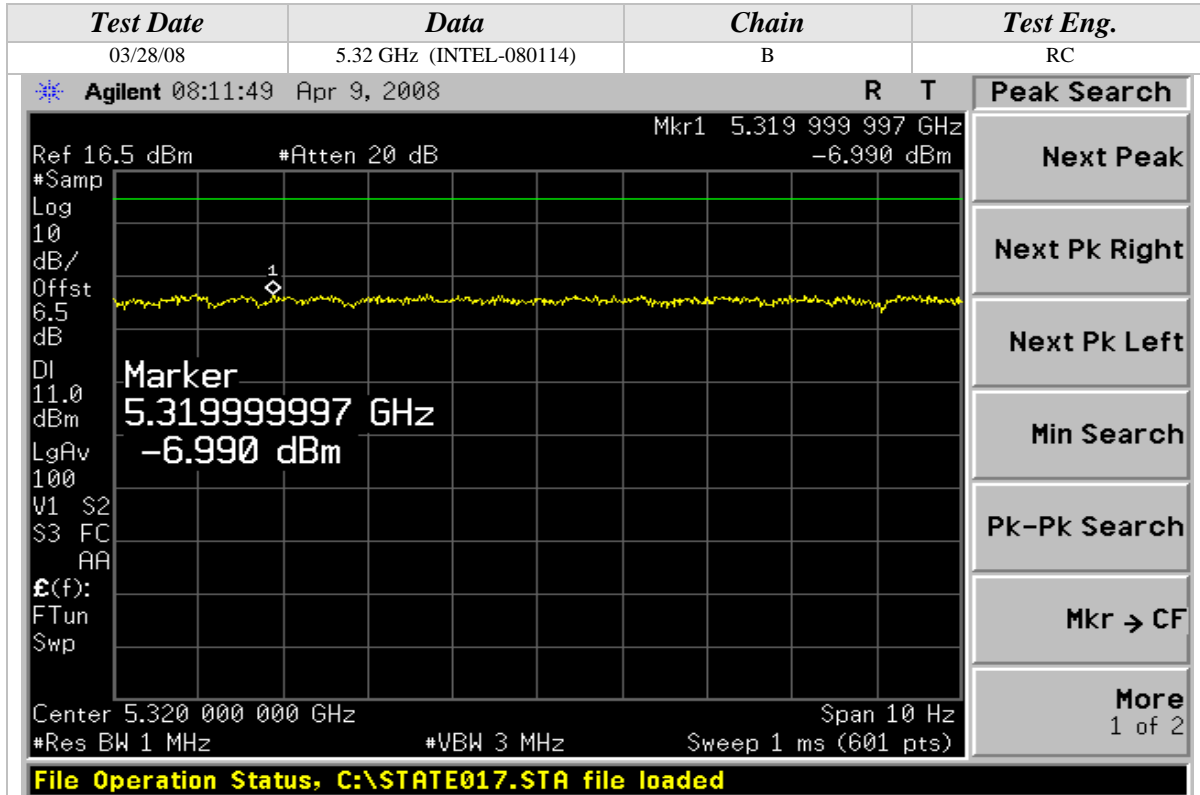
802.11a Mode





Peak Power Spectral Density (Continued)

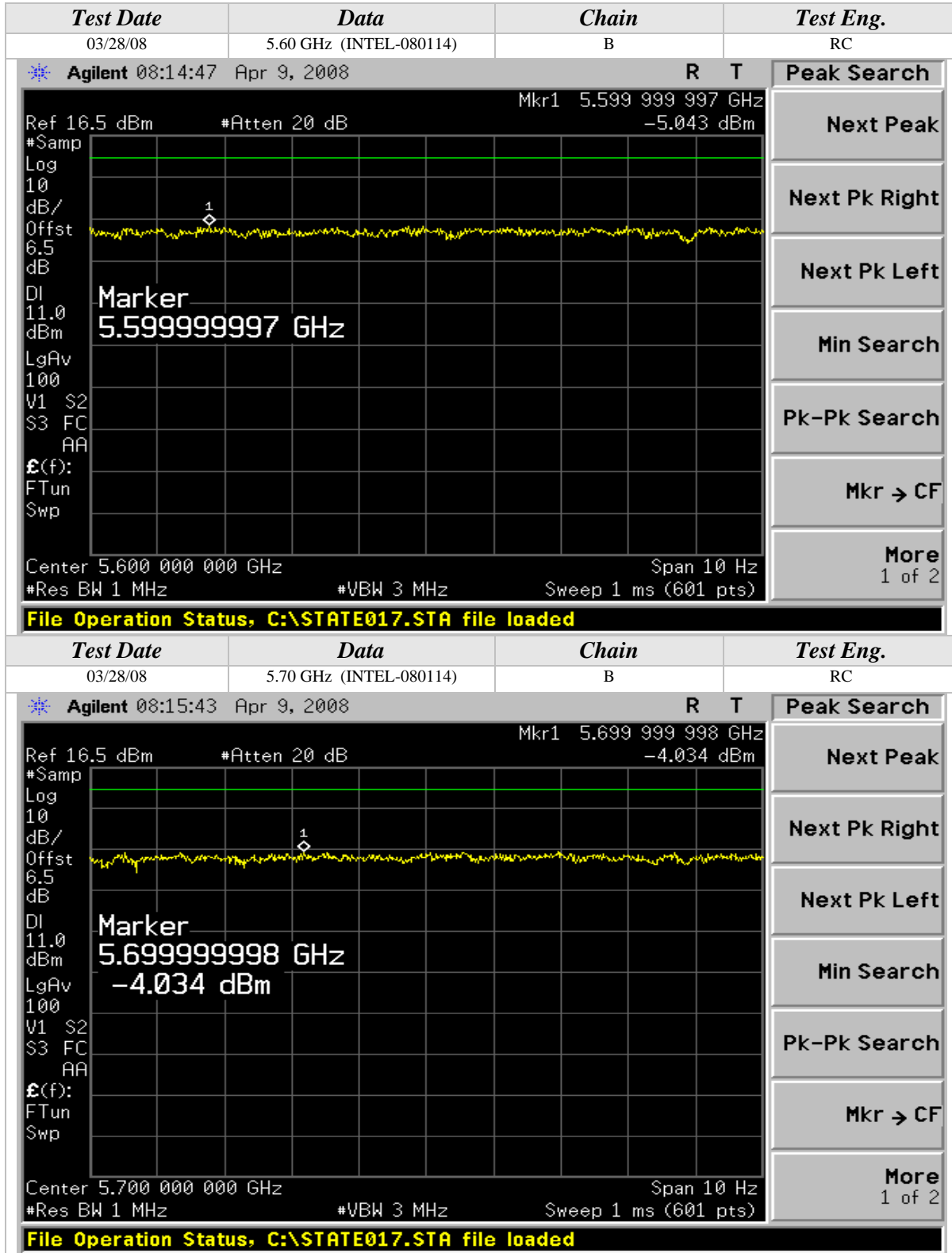
802.11a Mode





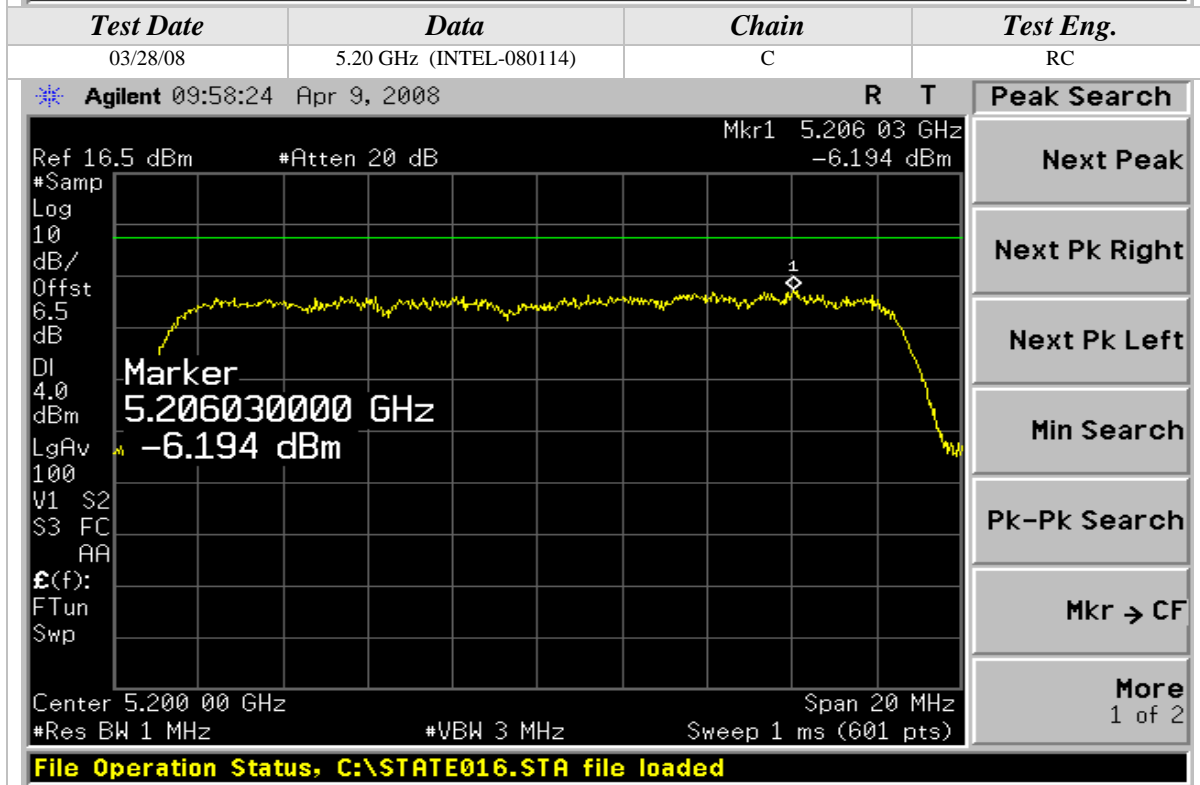
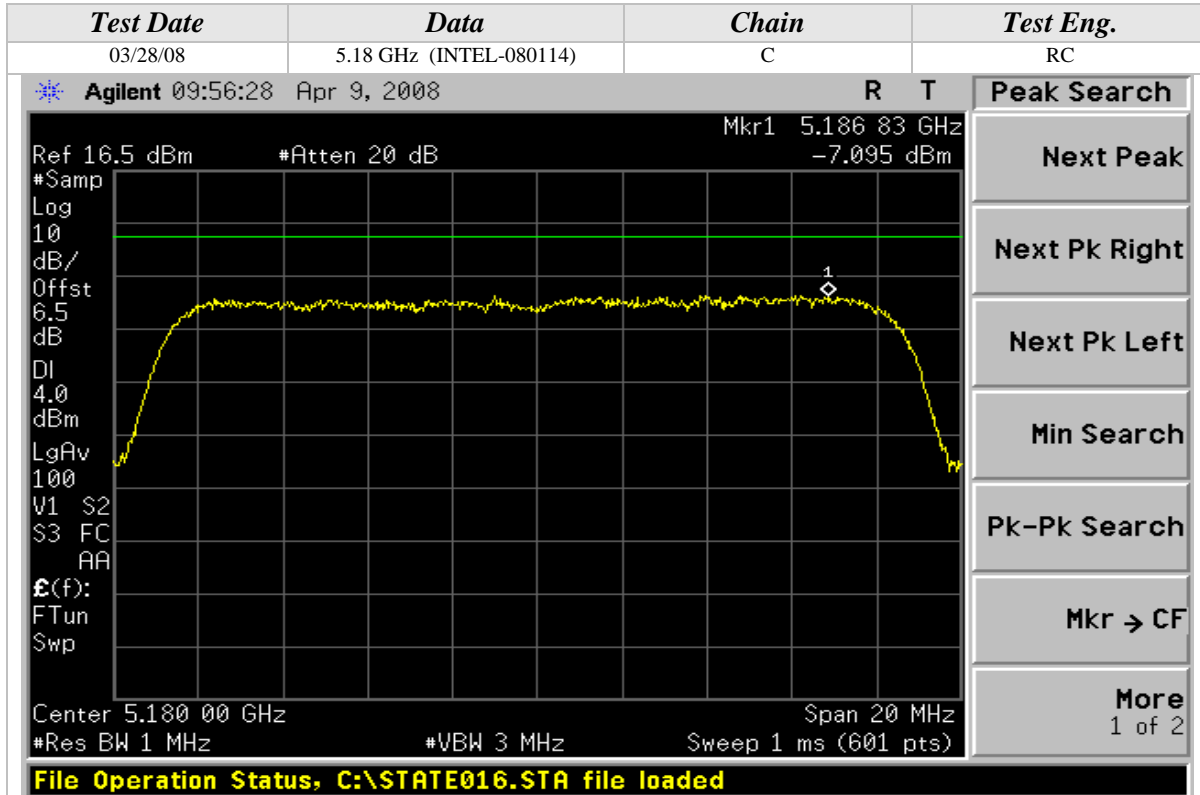
Peak Power Spectral Density (Continued)

802.11a Mode



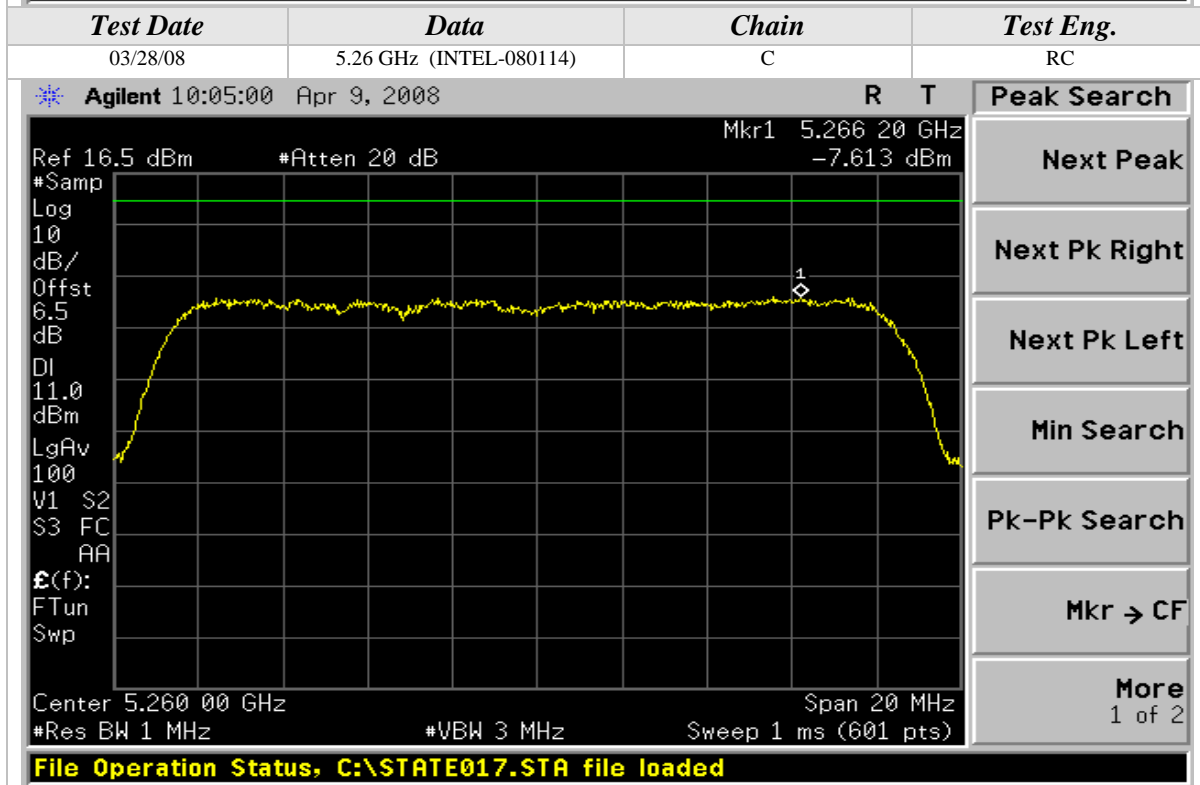
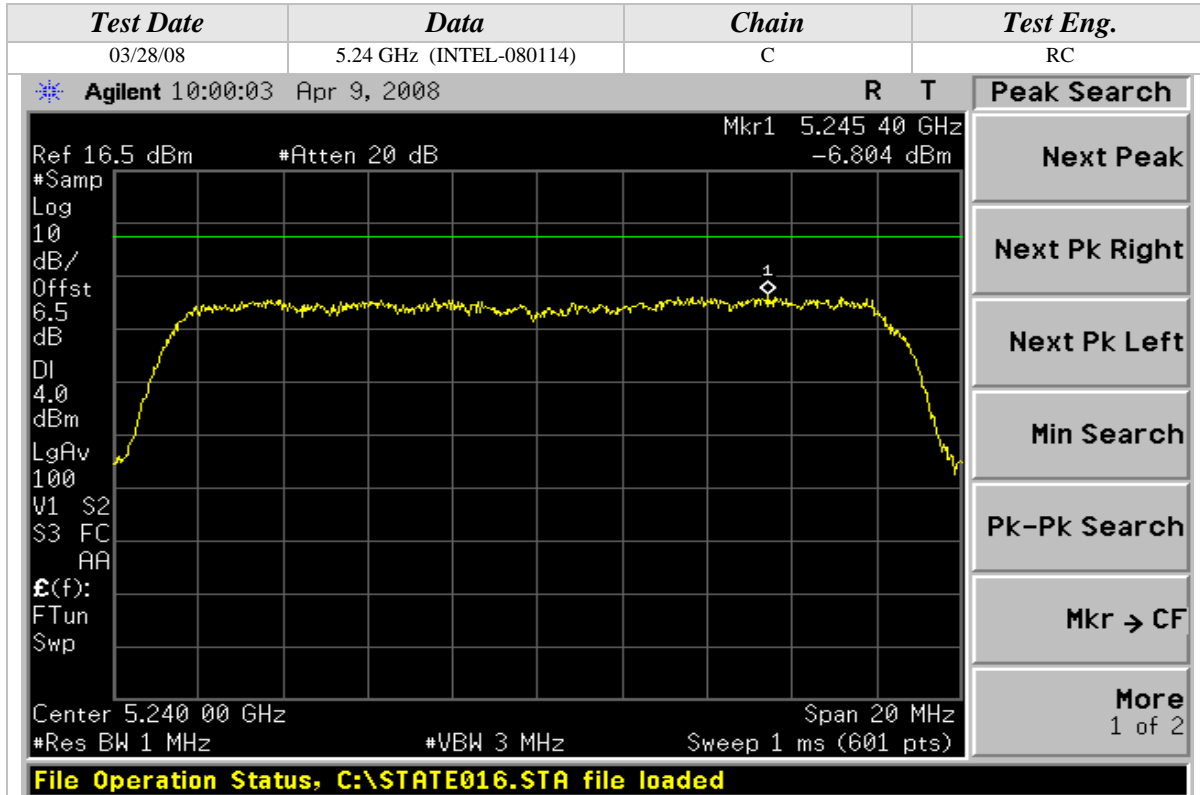
Peak Power Spectral Density (Continued)

802.11a Mode



Peak Power Spectral Density (Continued)

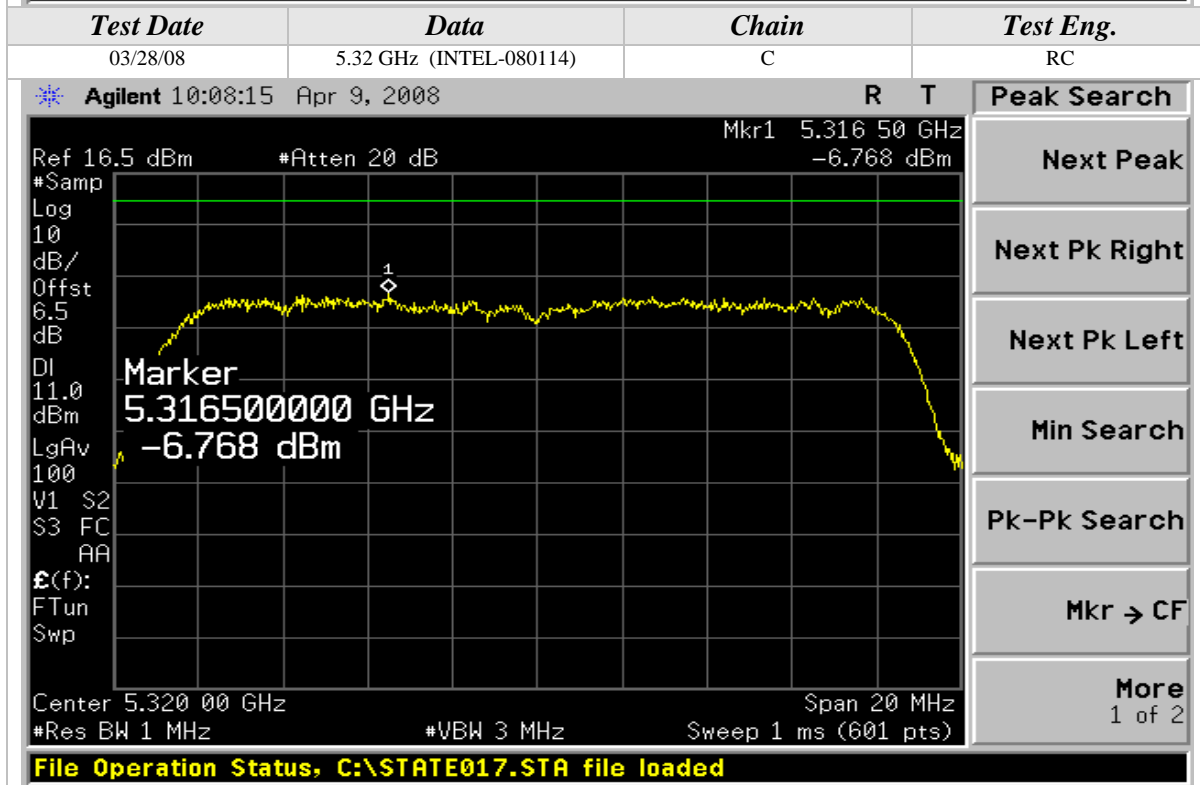
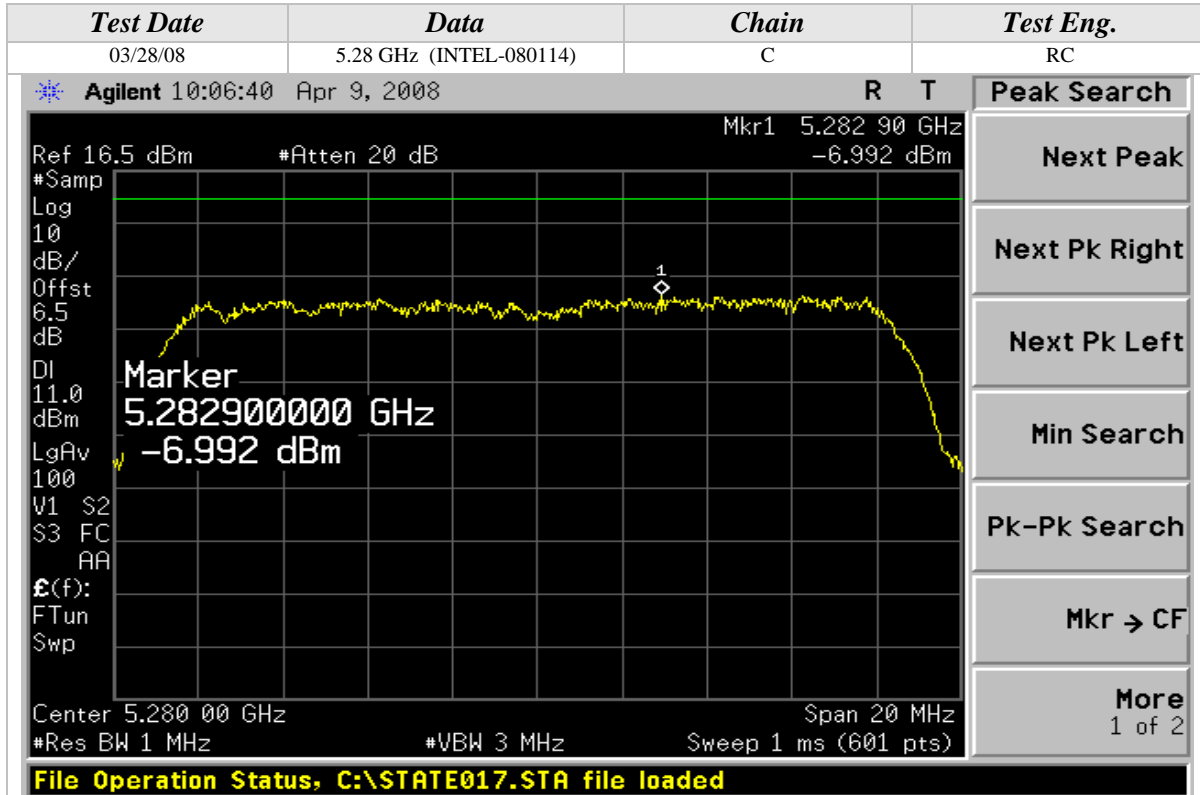
802.11a Mode





Peak Power Spectral Density (Continued)

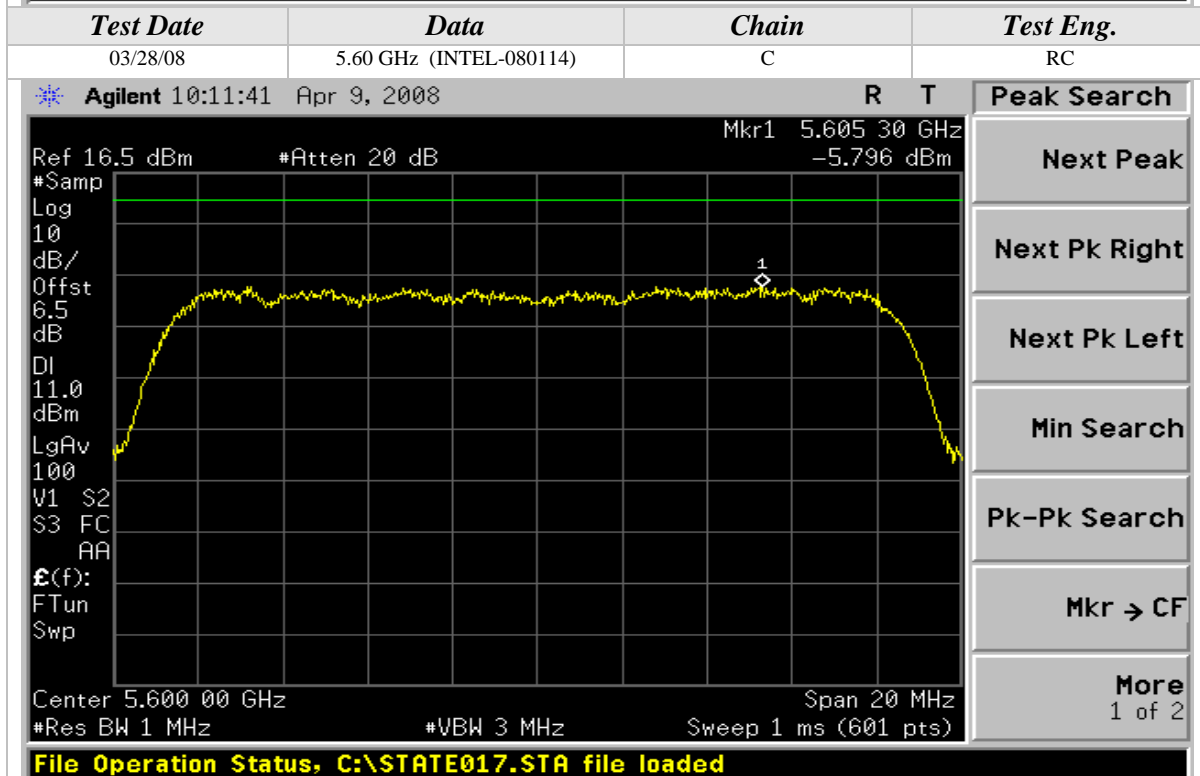
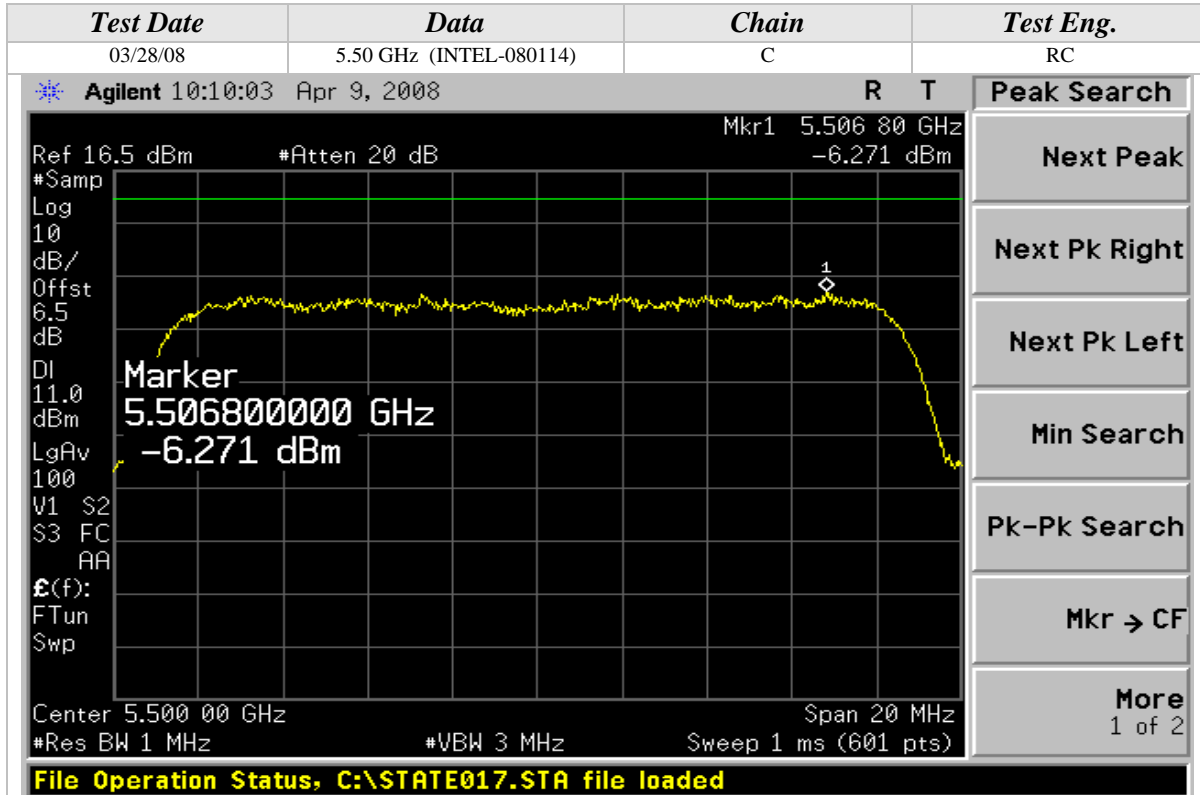
802.11a Mode





Peak Power Spectral Density (Continued)

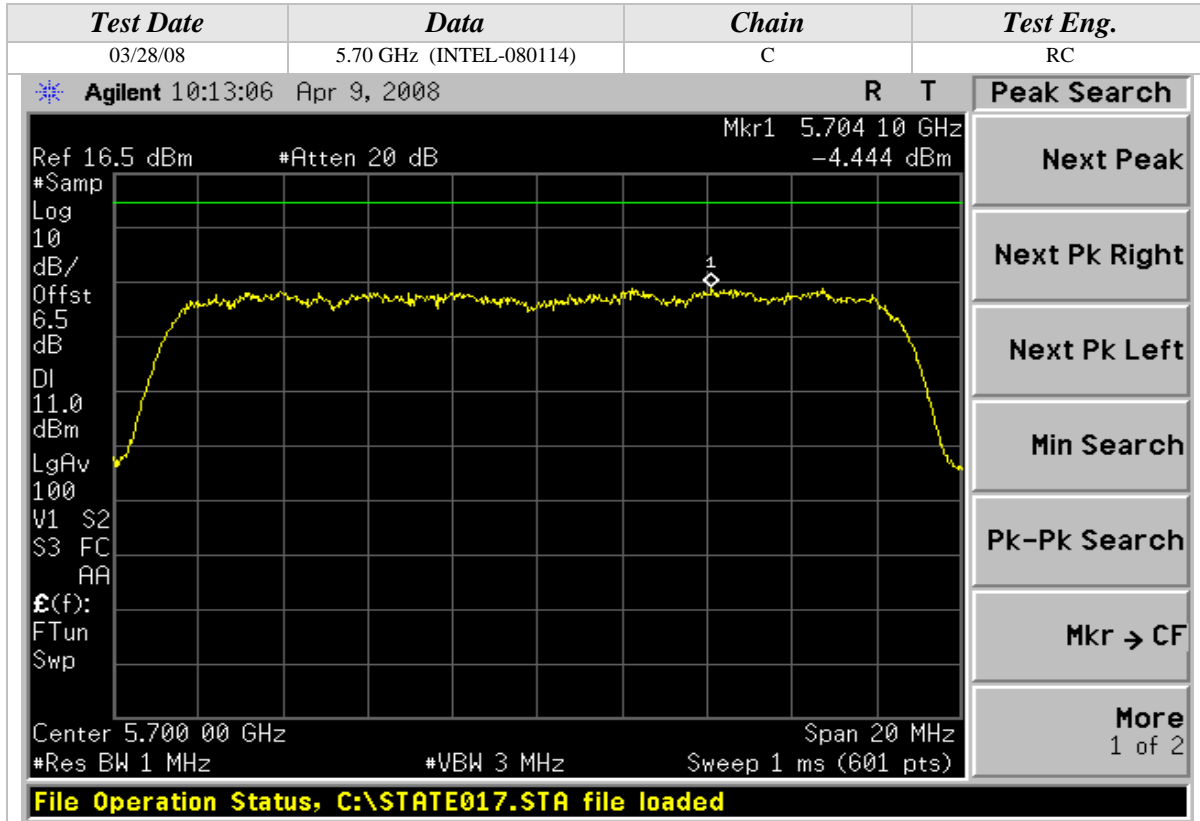
802.11a Mode





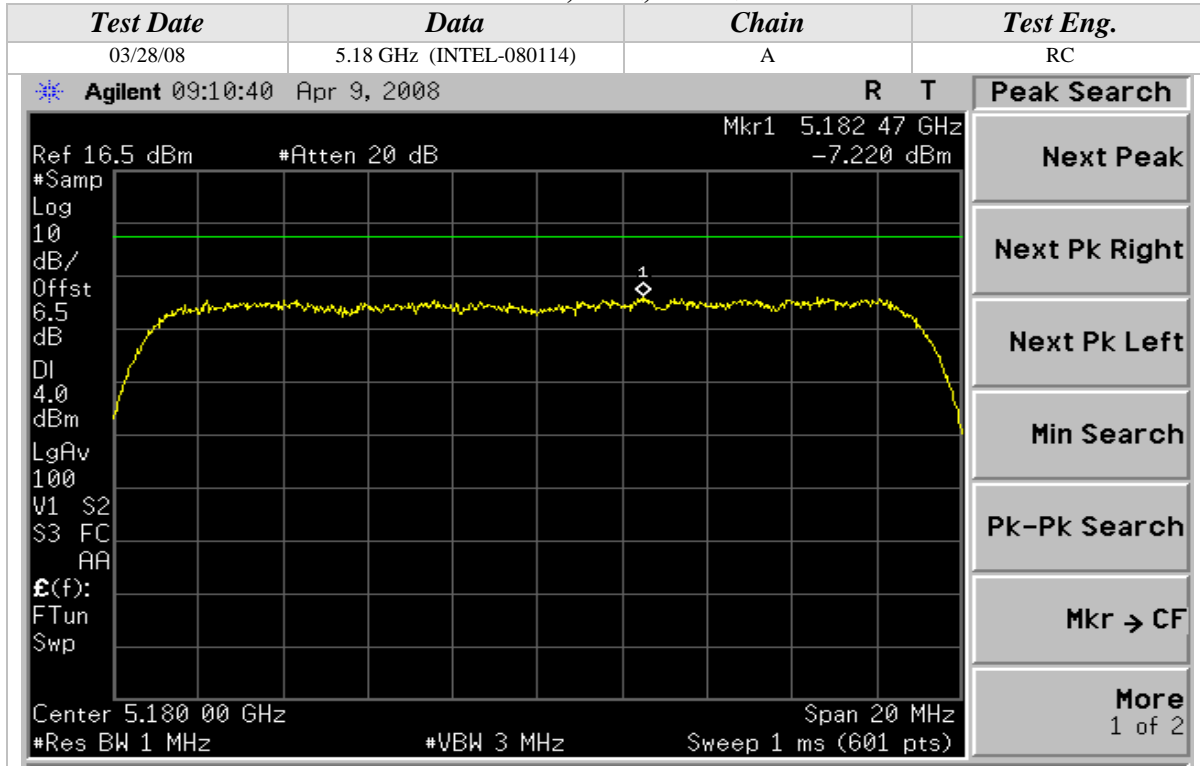
Peak Power Spectral Density (Continued)

802.11a Mode



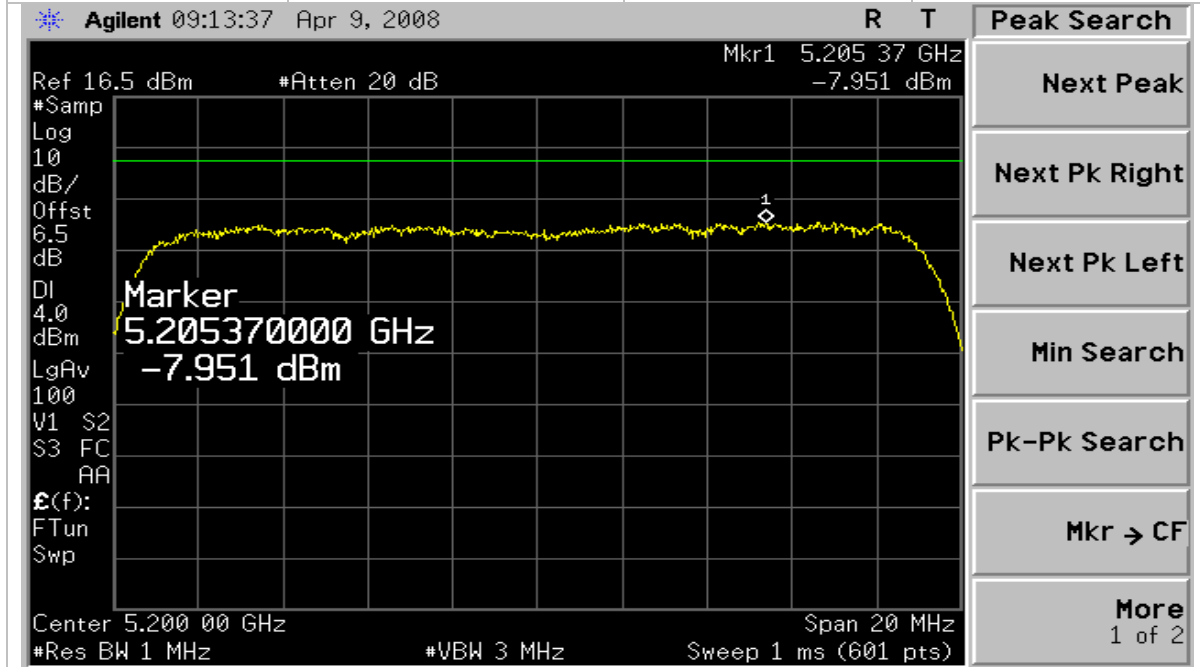
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 20MHz Wide



File Operation Status, C:\STATE016.STA file loaded

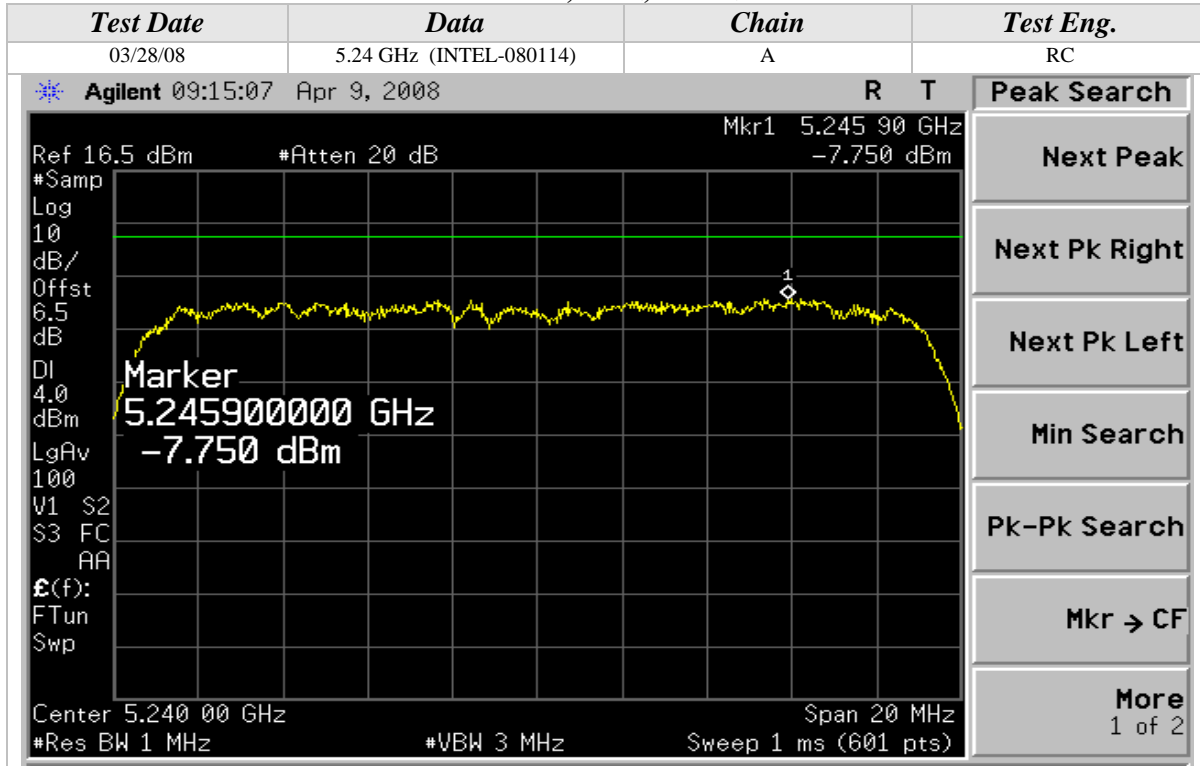
Test Date	Data	Chain	Test Eng.
03/28/08	5.20 GHz (INTEL-080114)	A	RC



File Operation Status, C:\STATE016.STA file loaded

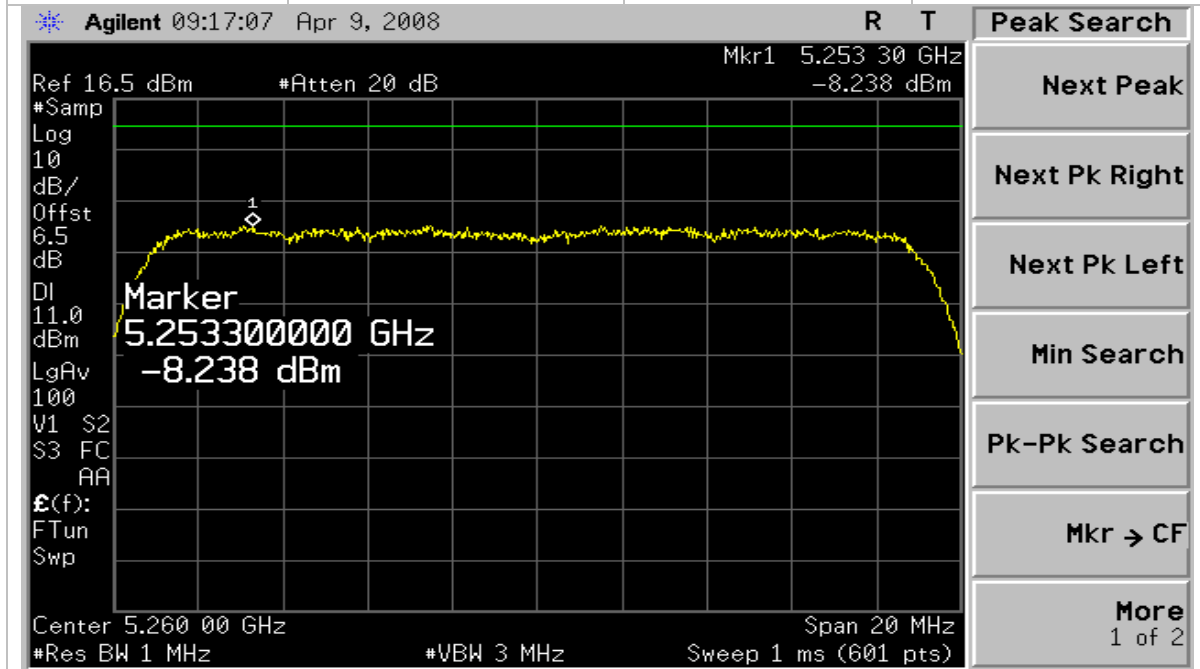
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 20MHz Wide



File Operation Status, C:\STATE016.STA file loaded

Test Date	Data	Chain	Test Eng.
03/28/08	5.26 GHz (INTEL-080114)	A	RC

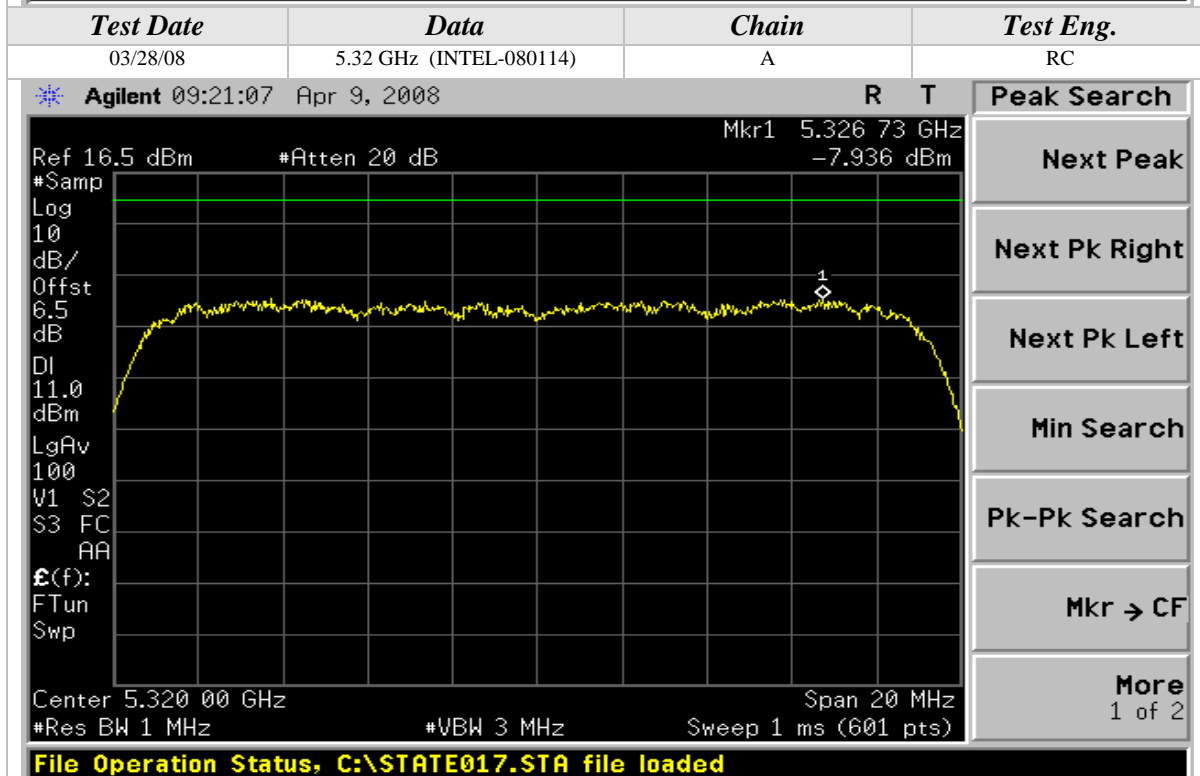
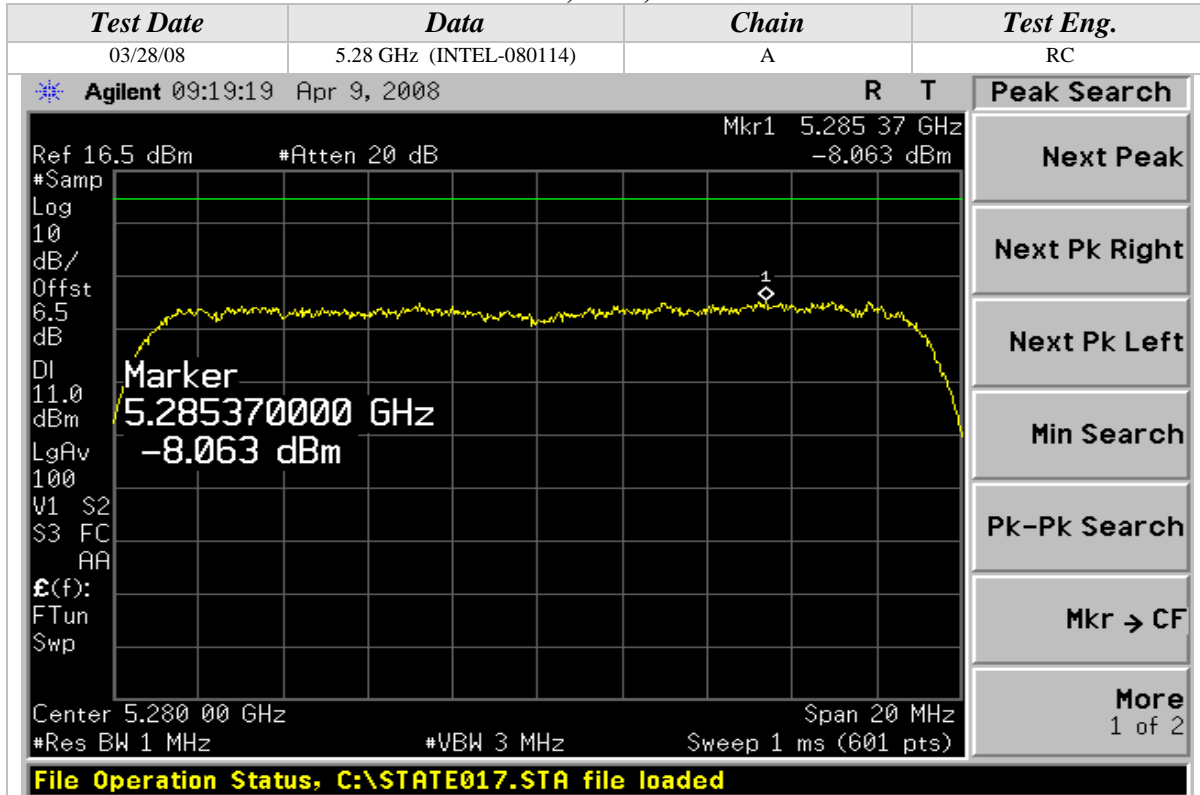


File Operation Status, C:\STATE017.STA file loaded



Peak Power Spectral Density (Continued)

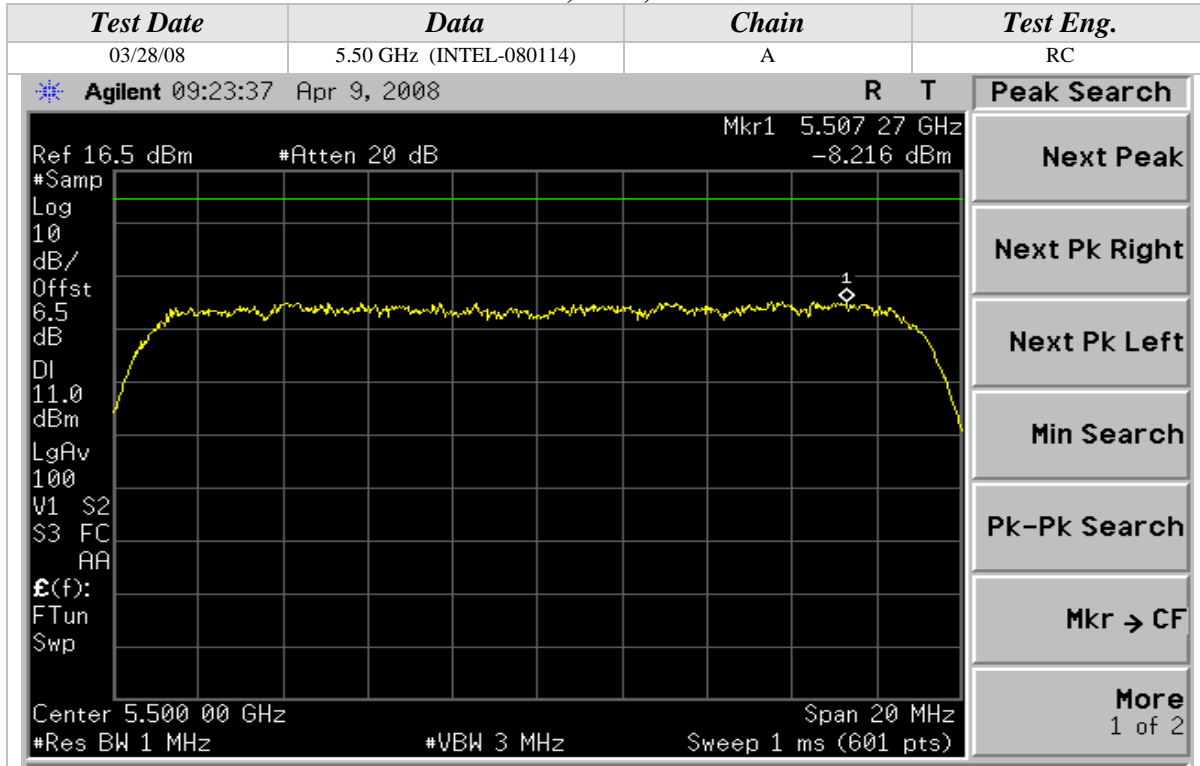
802.11n Mode, 5GHz, 20MHz Wide





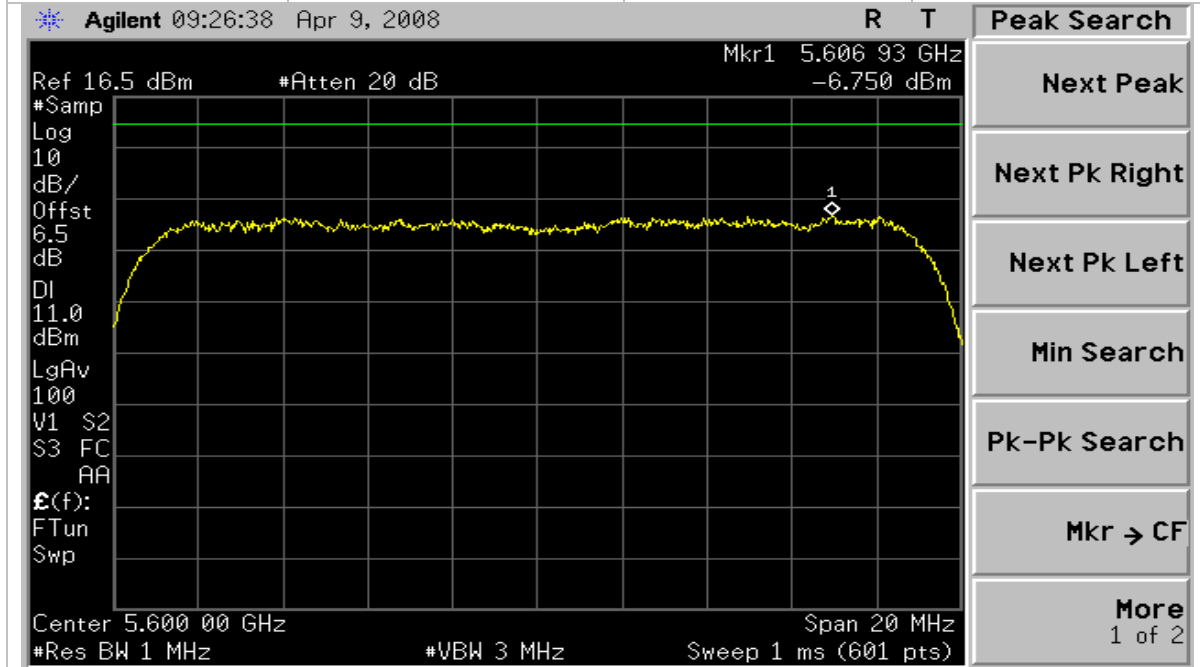
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 20MHz Wide



File Operation Status, C:\STATE017.STA file loaded

Test Date	Data	Chain	Test Eng.
03/28/08	5.60 GHz (INTEL-080114)	A	RC

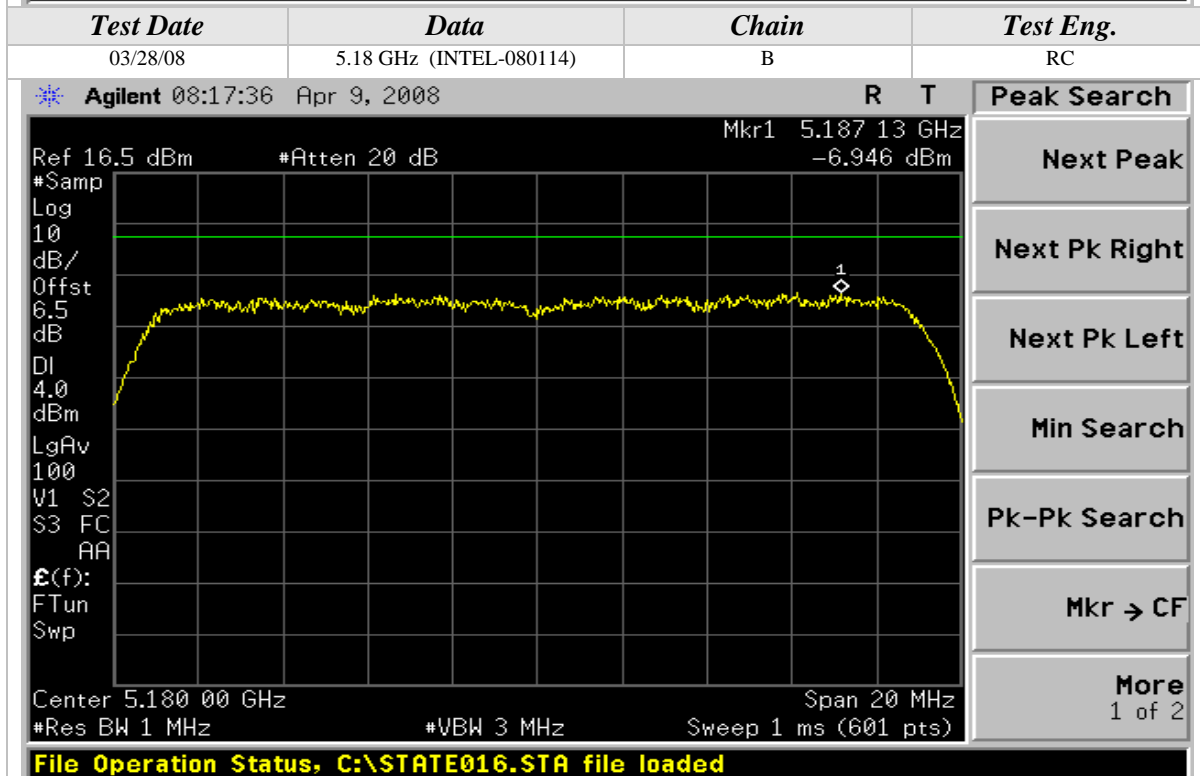
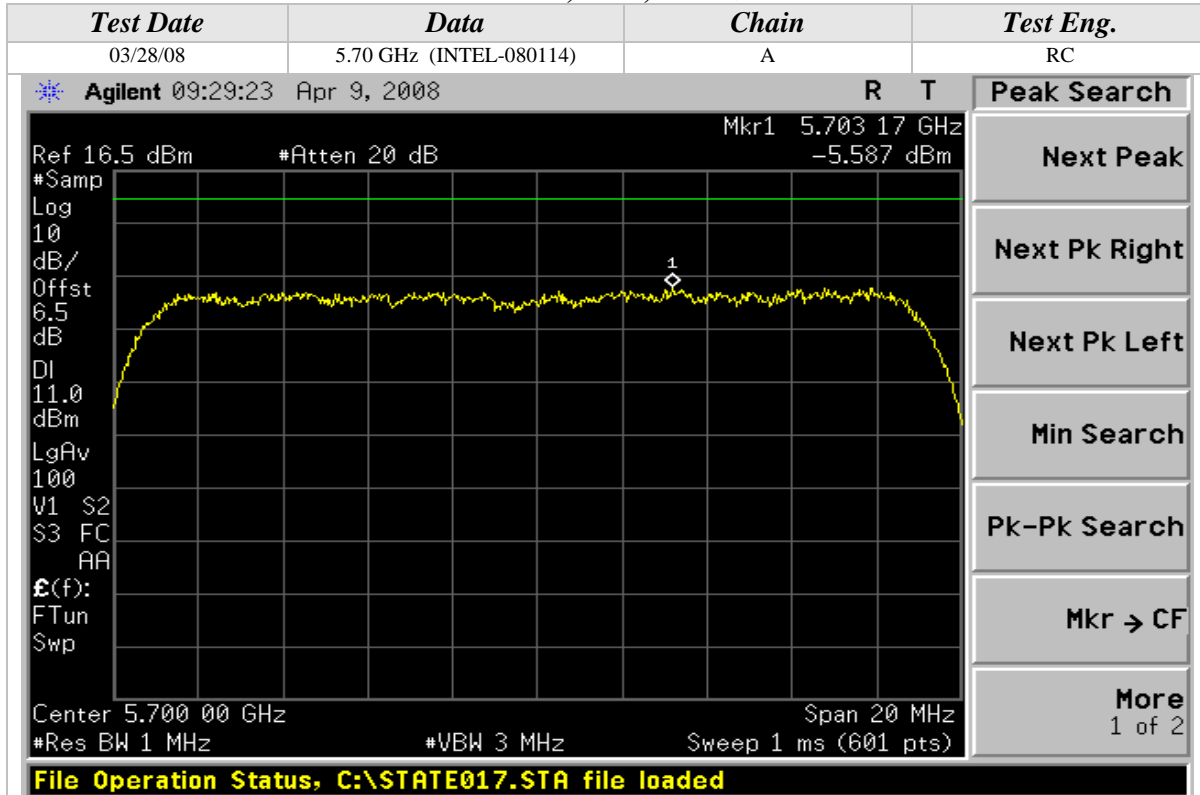


File Operation Status, C:\STATE017.STA file loaded



Peak Power Spectral Density (Continued)

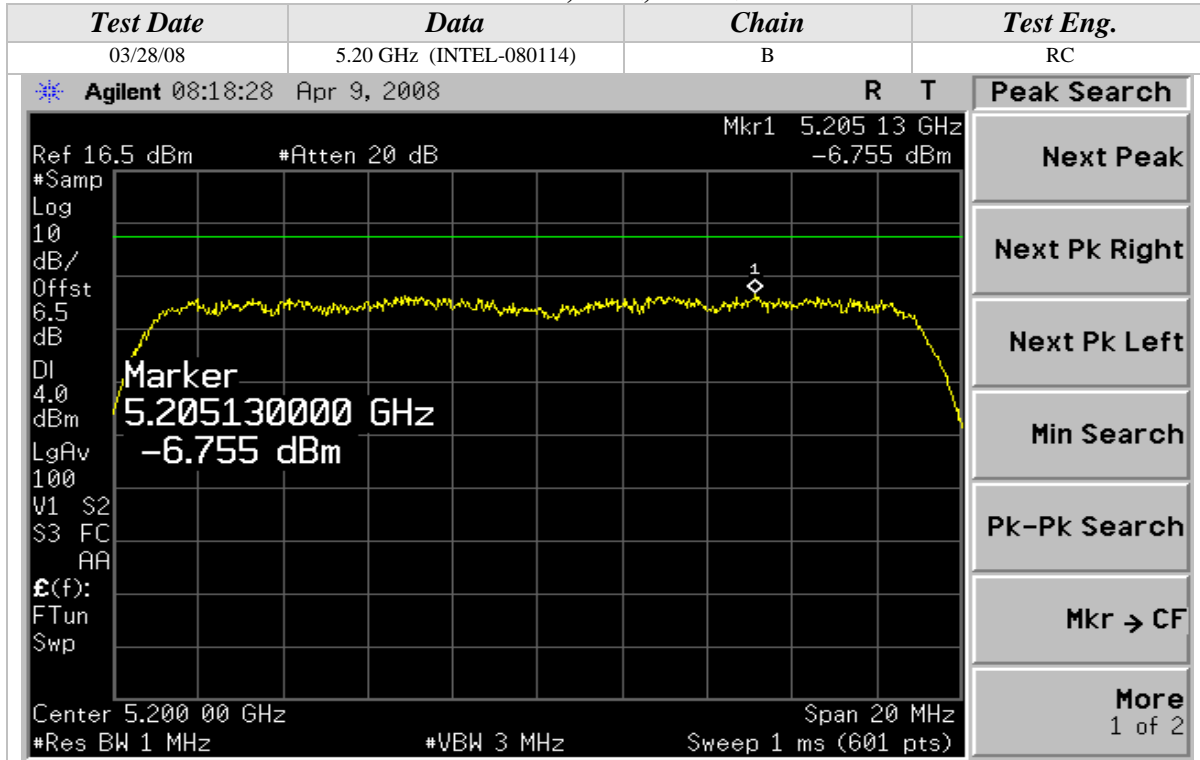
802.11n Mode, 5GHz, 20MHz Wide



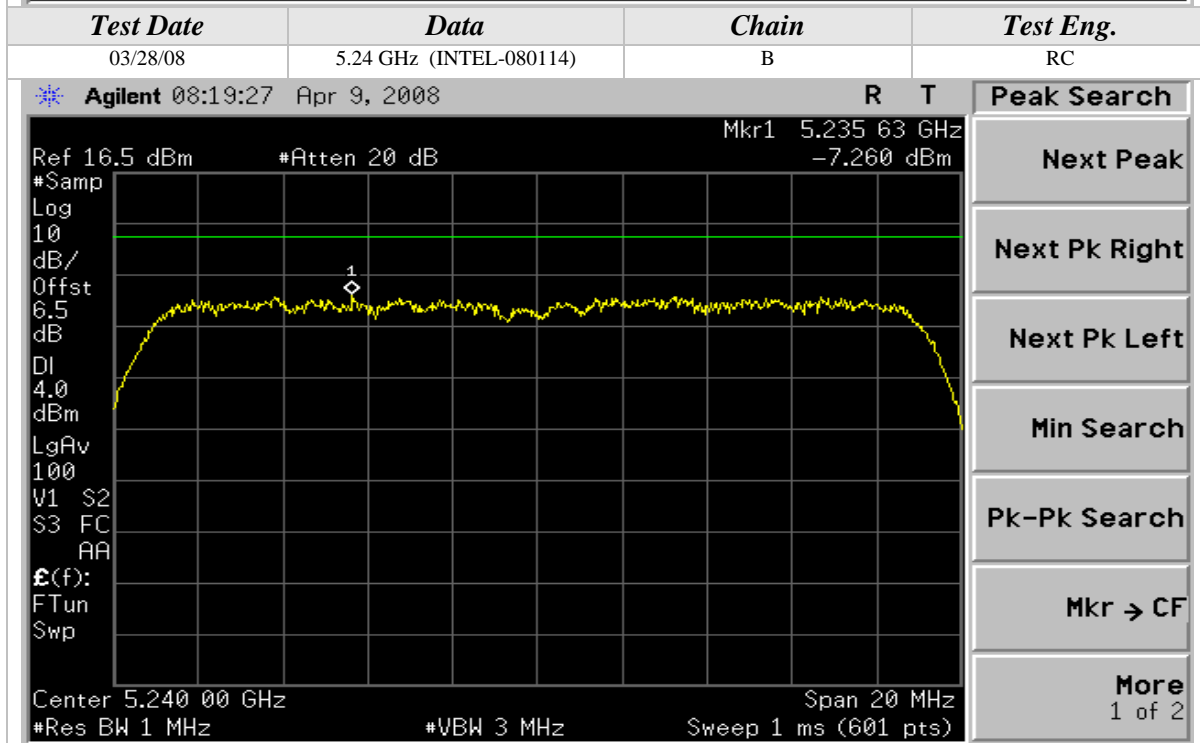


Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 20MHz Wide



File Operation Status, C:\STATE016.STA file loaded

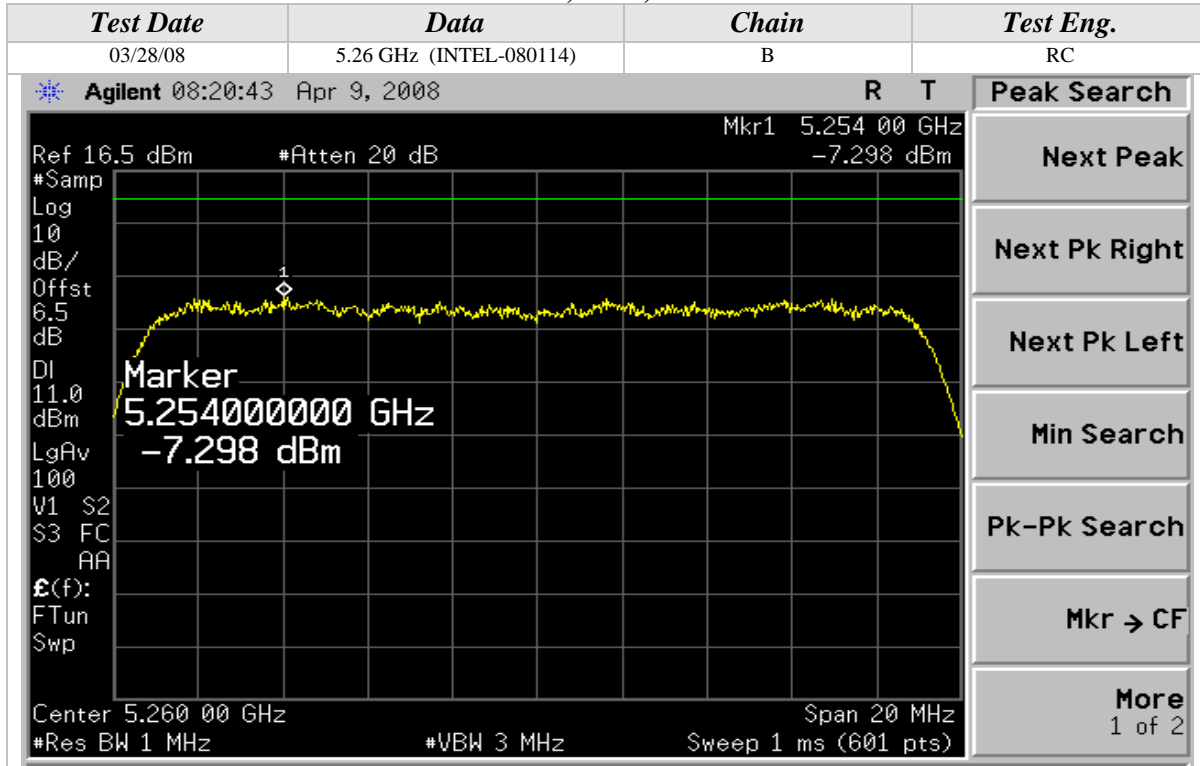


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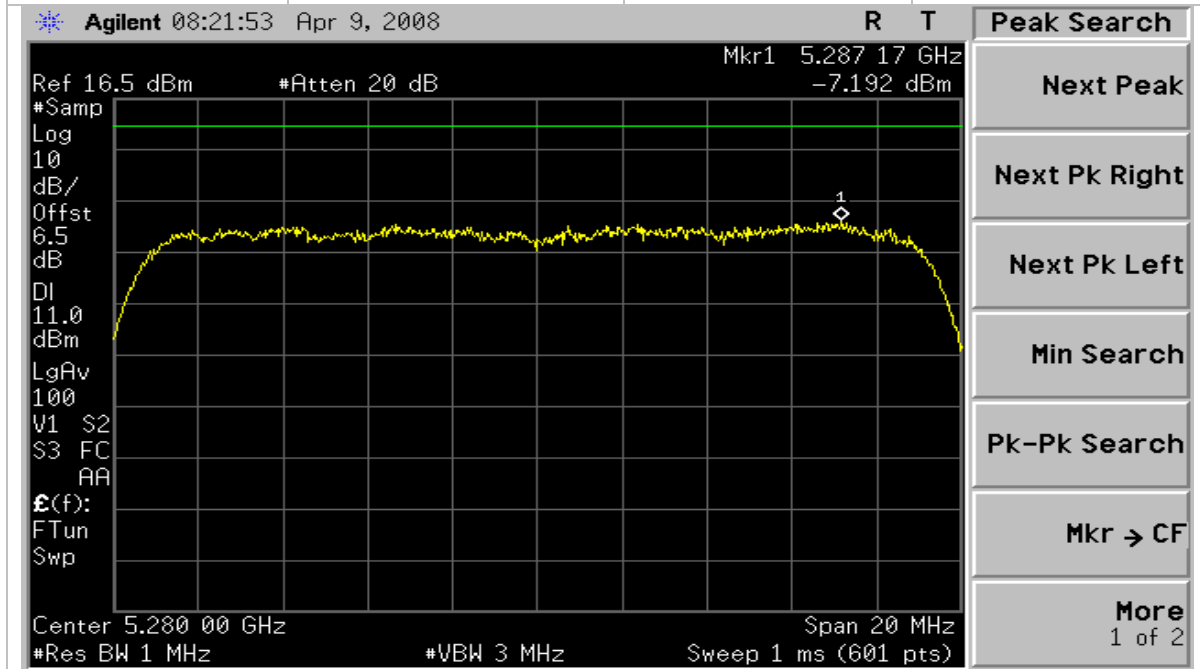
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 20MHz Wide



File Operation Status, C:\STATE017.STA file loaded

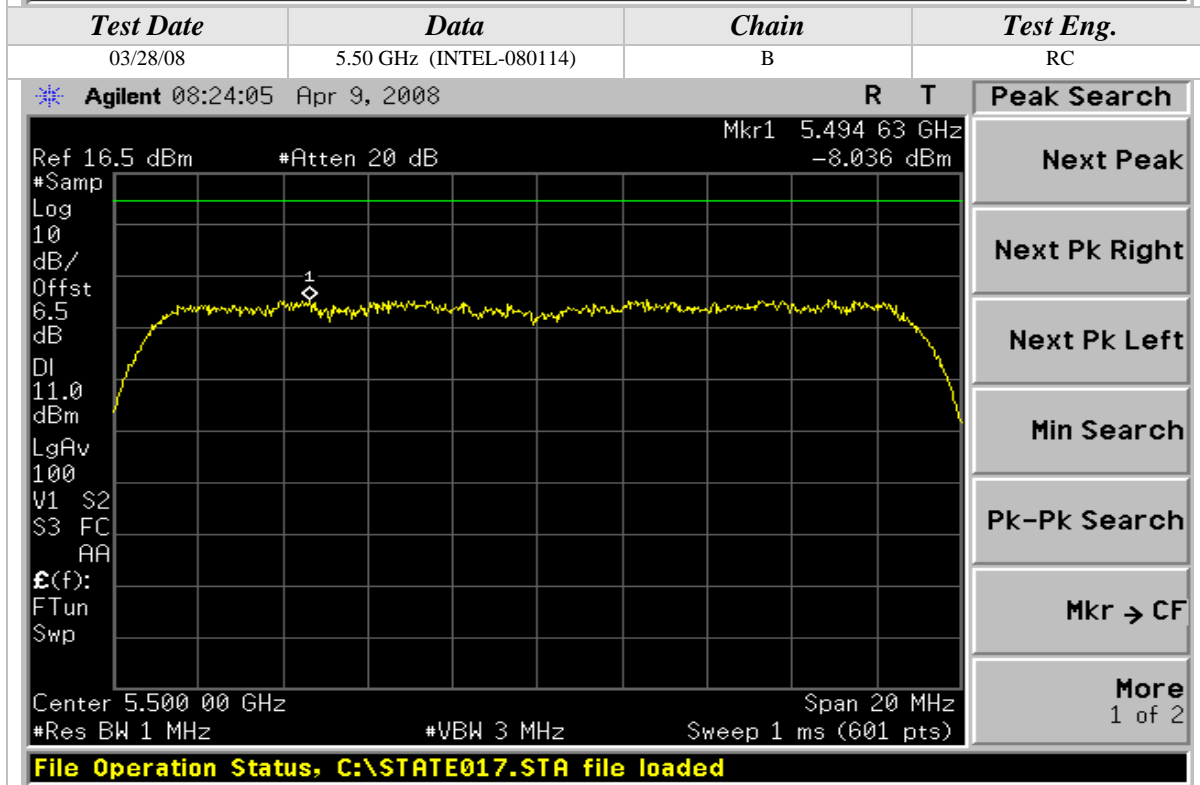
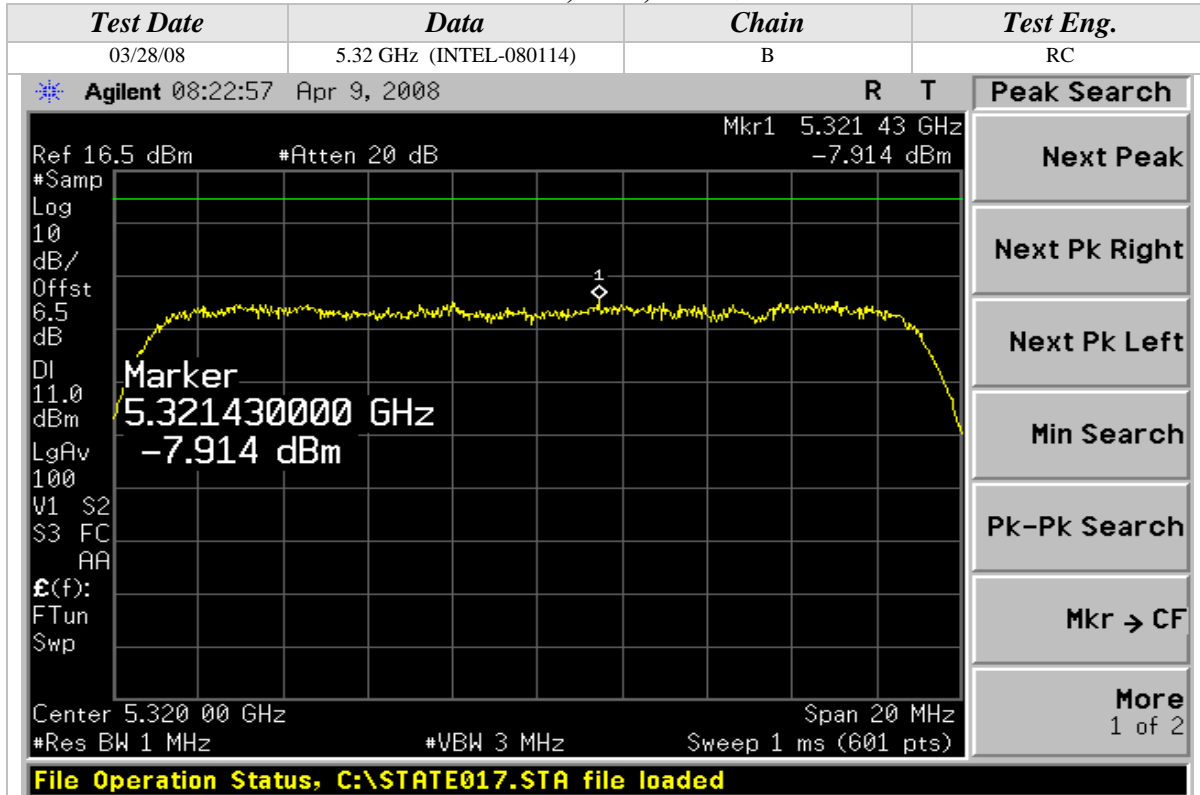
Test Date	Data	Chain	Test Eng.
03/28/08	5.28 GHz (INTEL-080114)	B	RC



File Operation Status, C:\STATE017.STA file loaded

Peak Power Spectral Density (Continued)

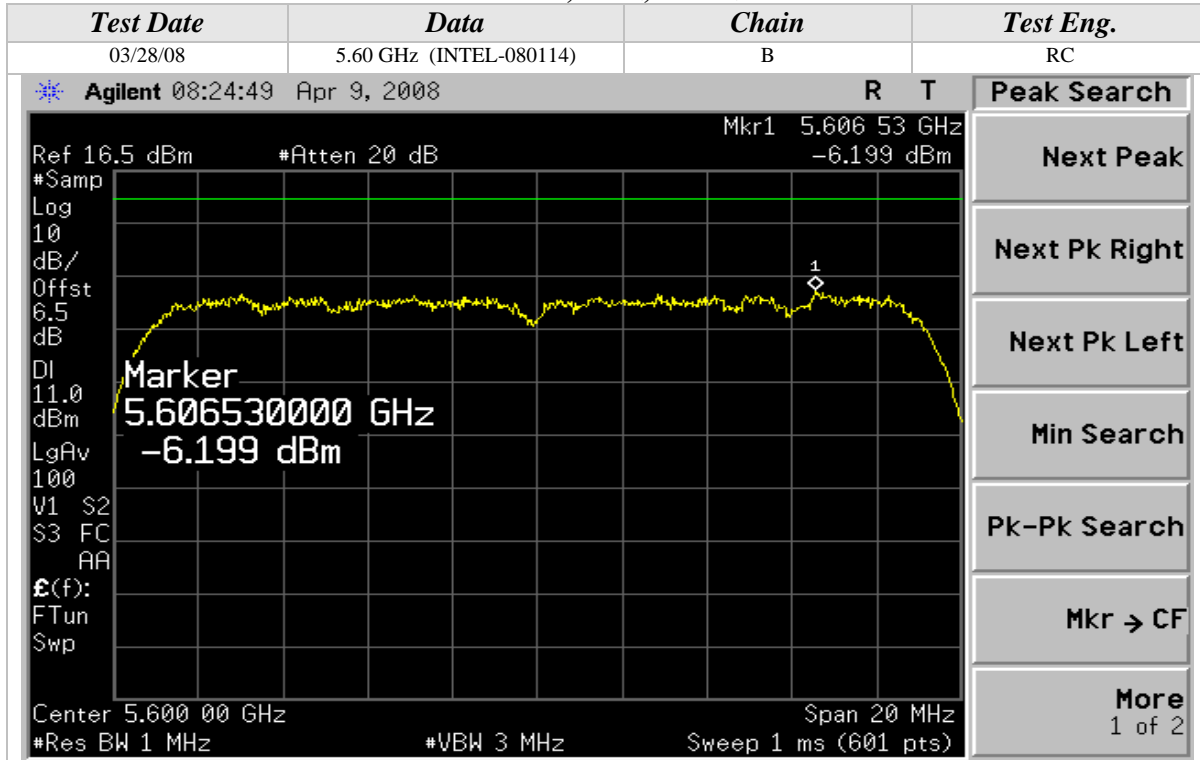
802.11n Mode, 5GHz, 20MHz Wide





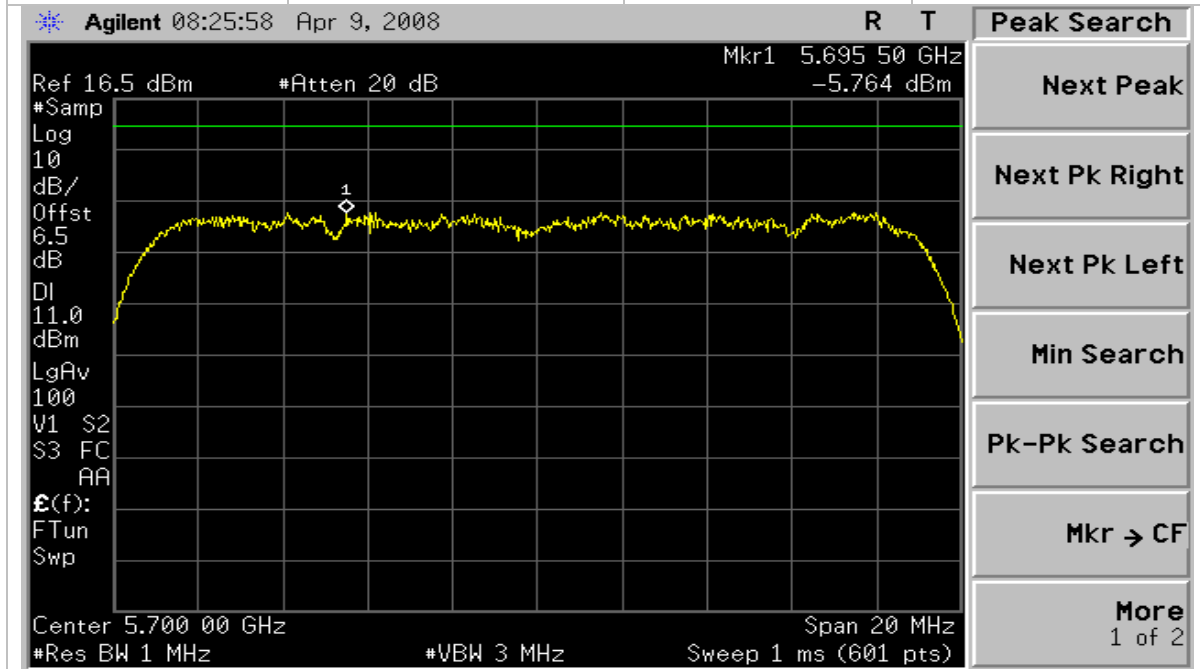
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 20MHz Wide



File Operation Status, C:\STATE017.STA file loaded

Test Date	Data	Chain	Test Eng.
03/28/08	5.70 GHz (INTEL-080114)	B	RC

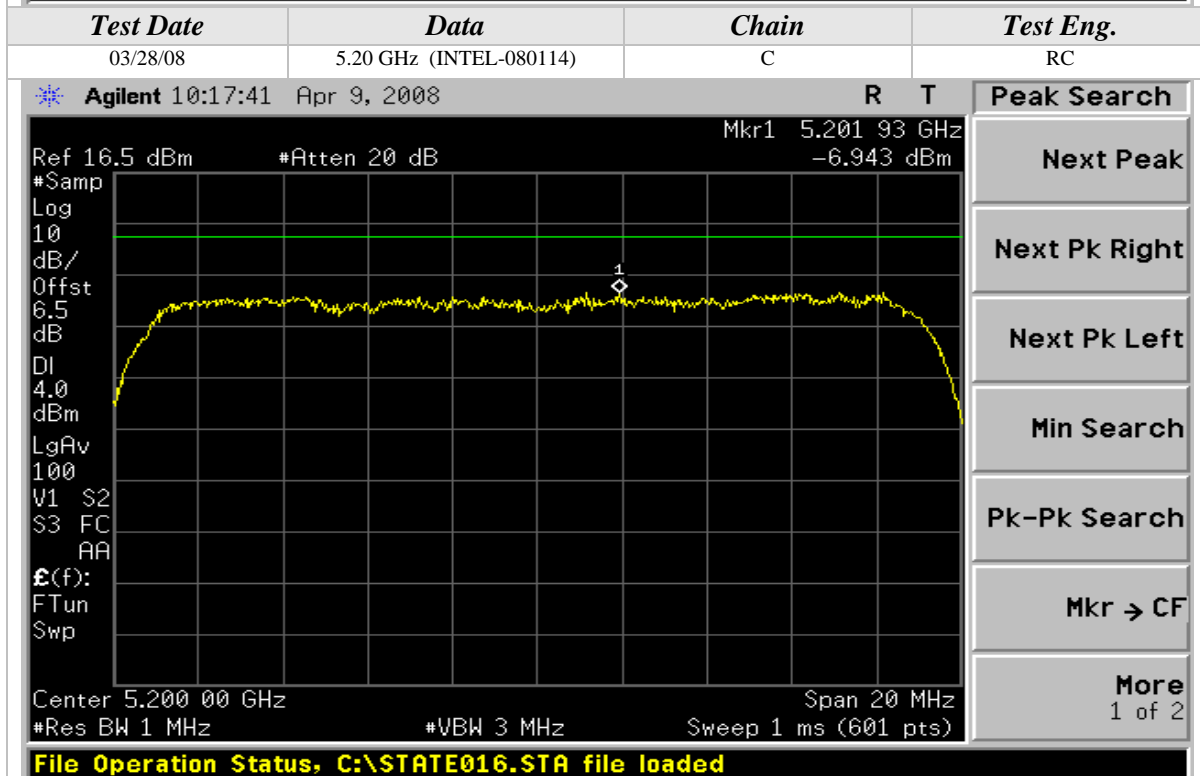
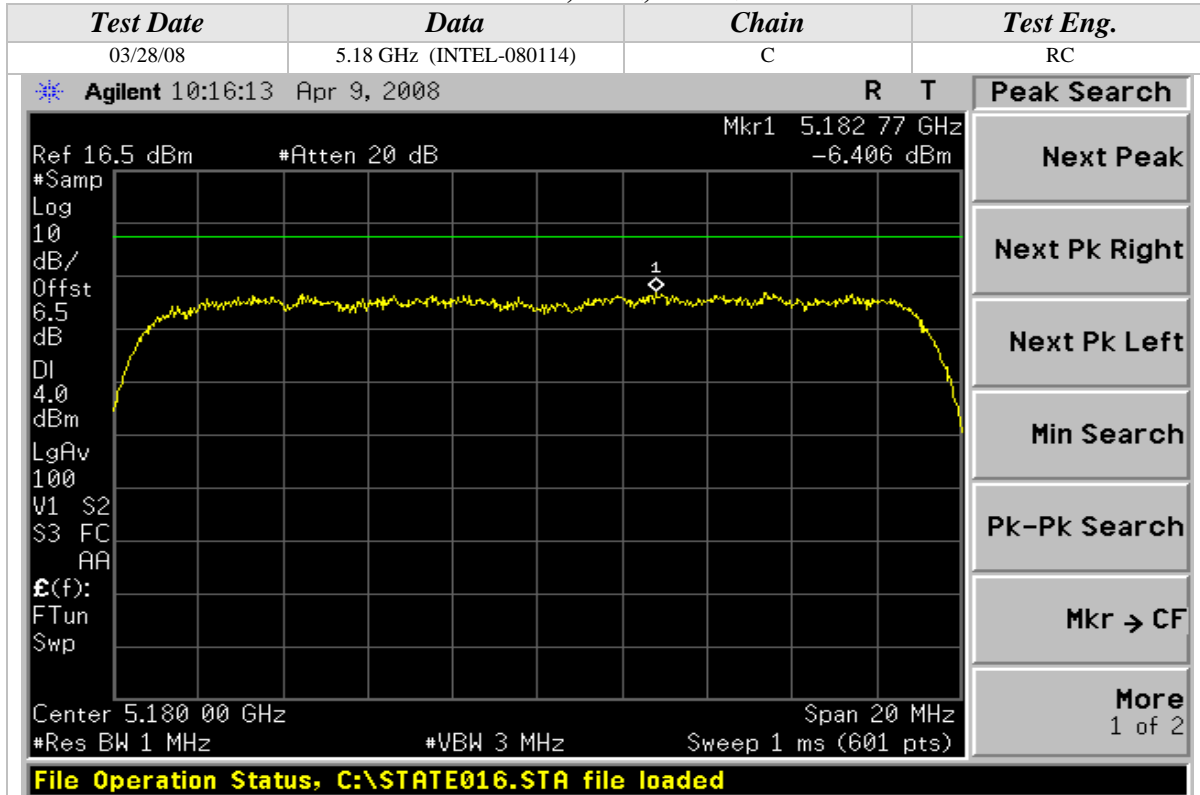


File Operation Status, C:\STATE017.STA file loaded



Peak Power Spectral Density (Continued)

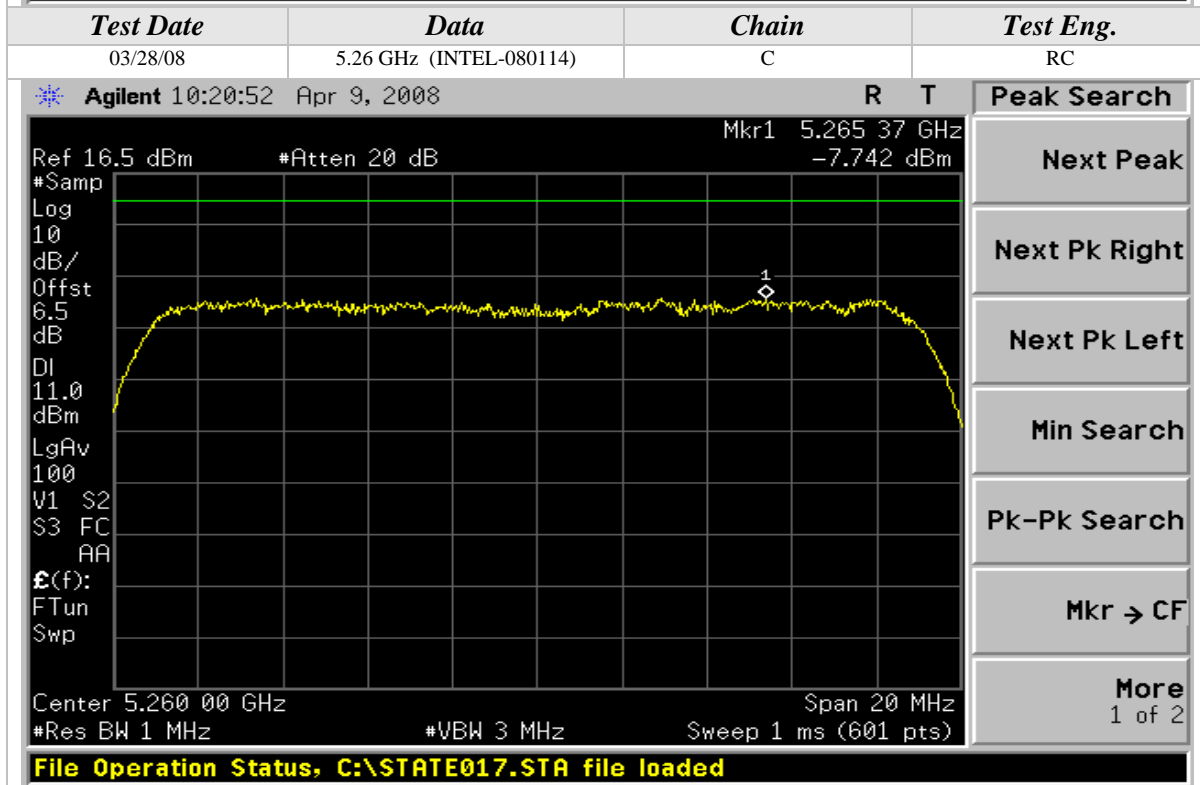
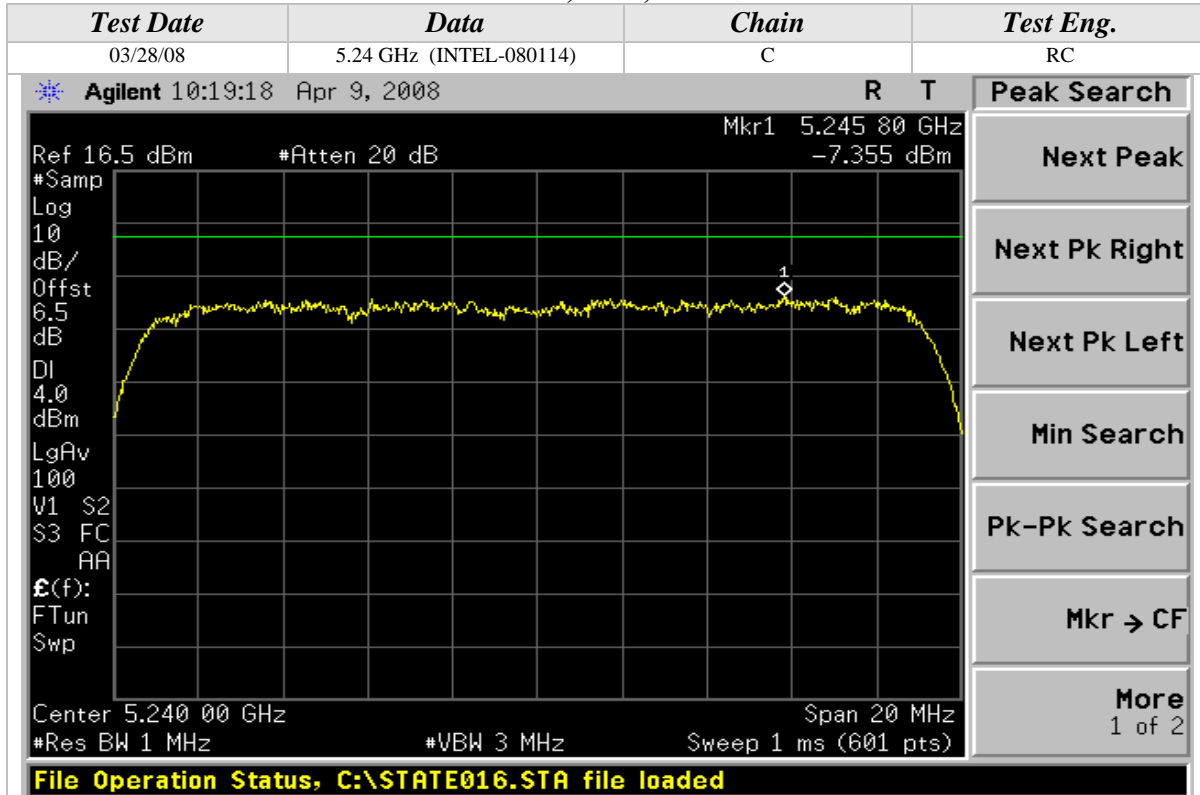
802.11n Mode, 5GHz, 20MHz Wide





Peak Power Spectral Density (Continued)

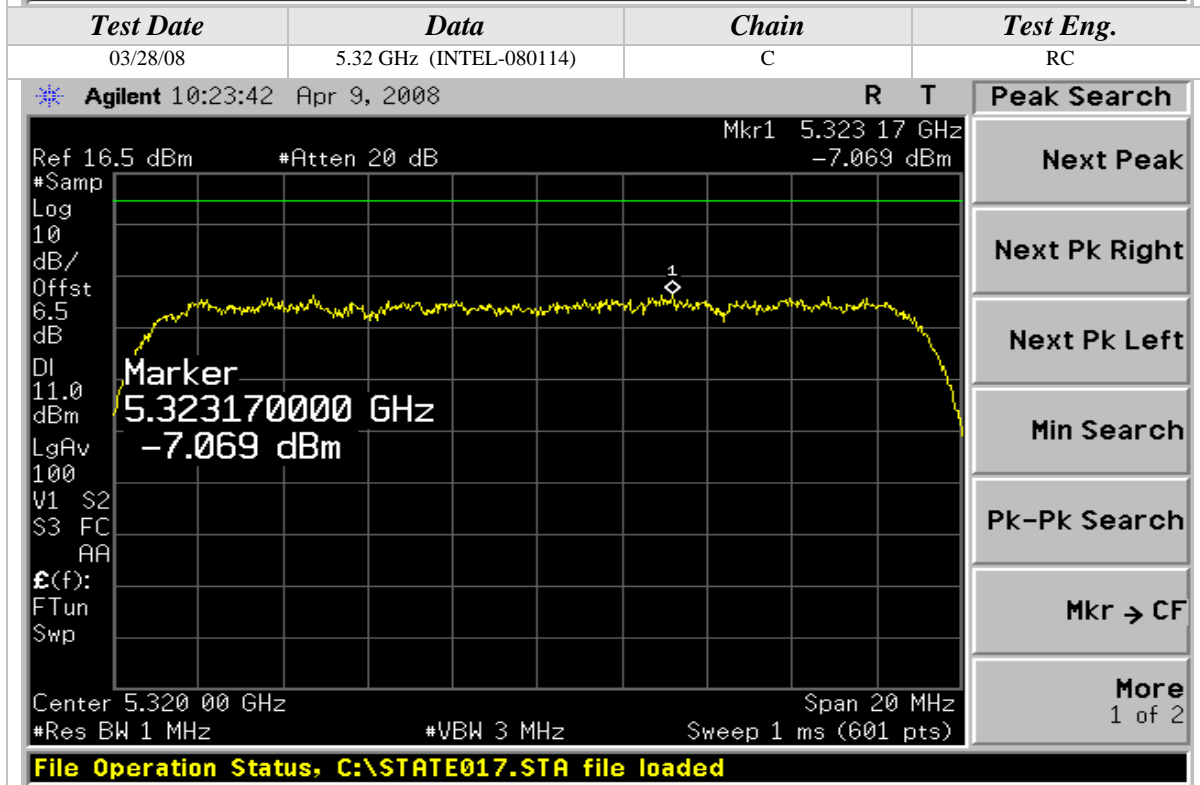
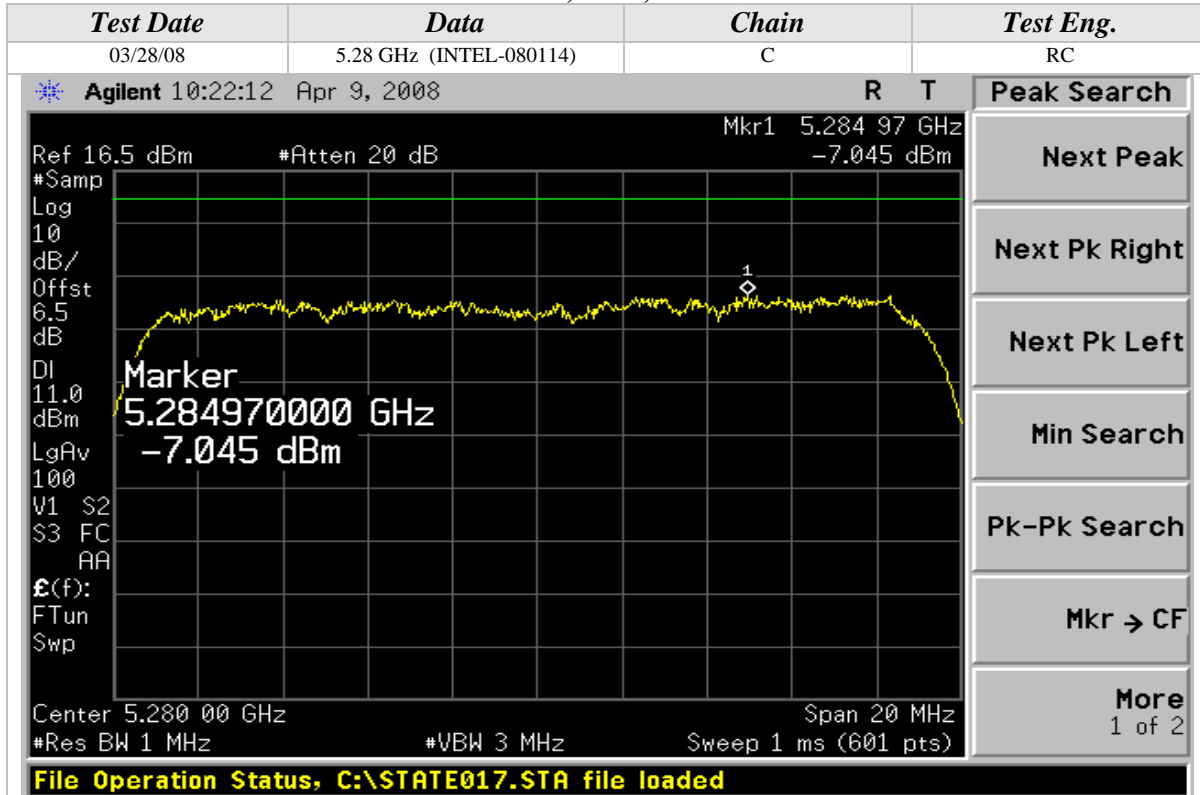
802.11n Mode, 5GHz, 20MHz Wide





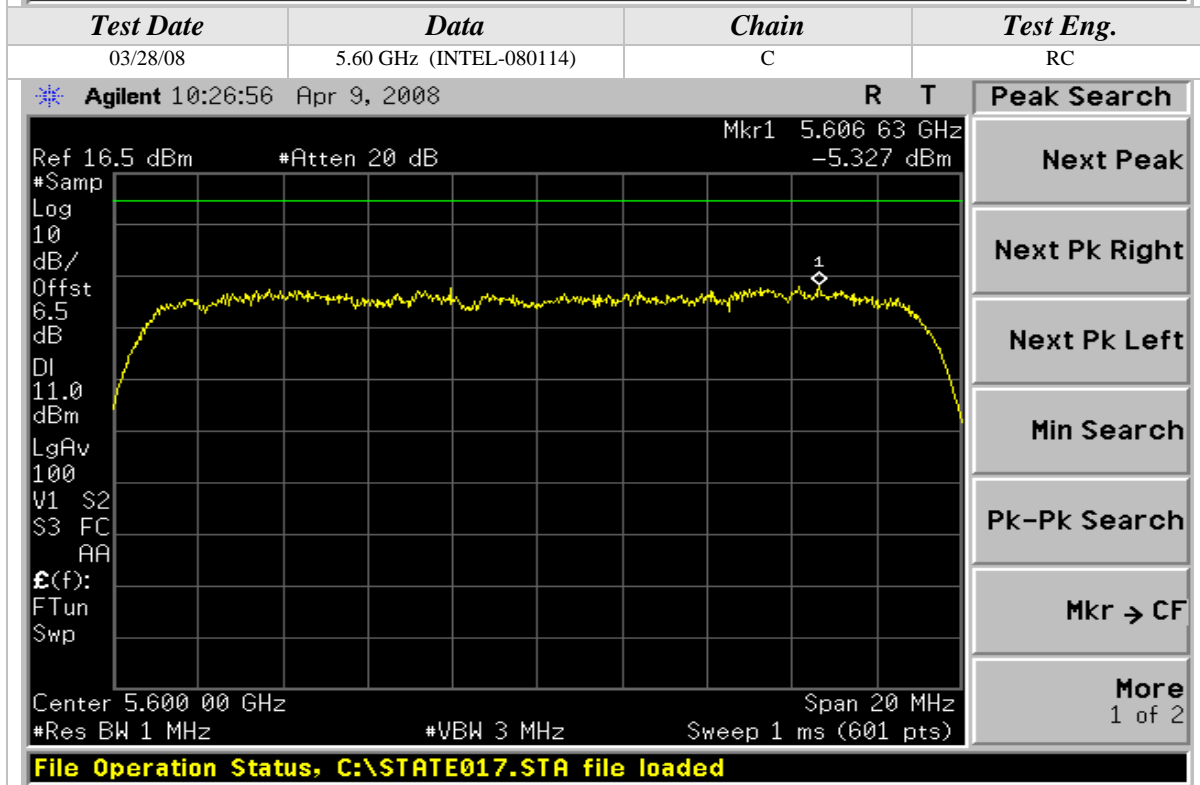
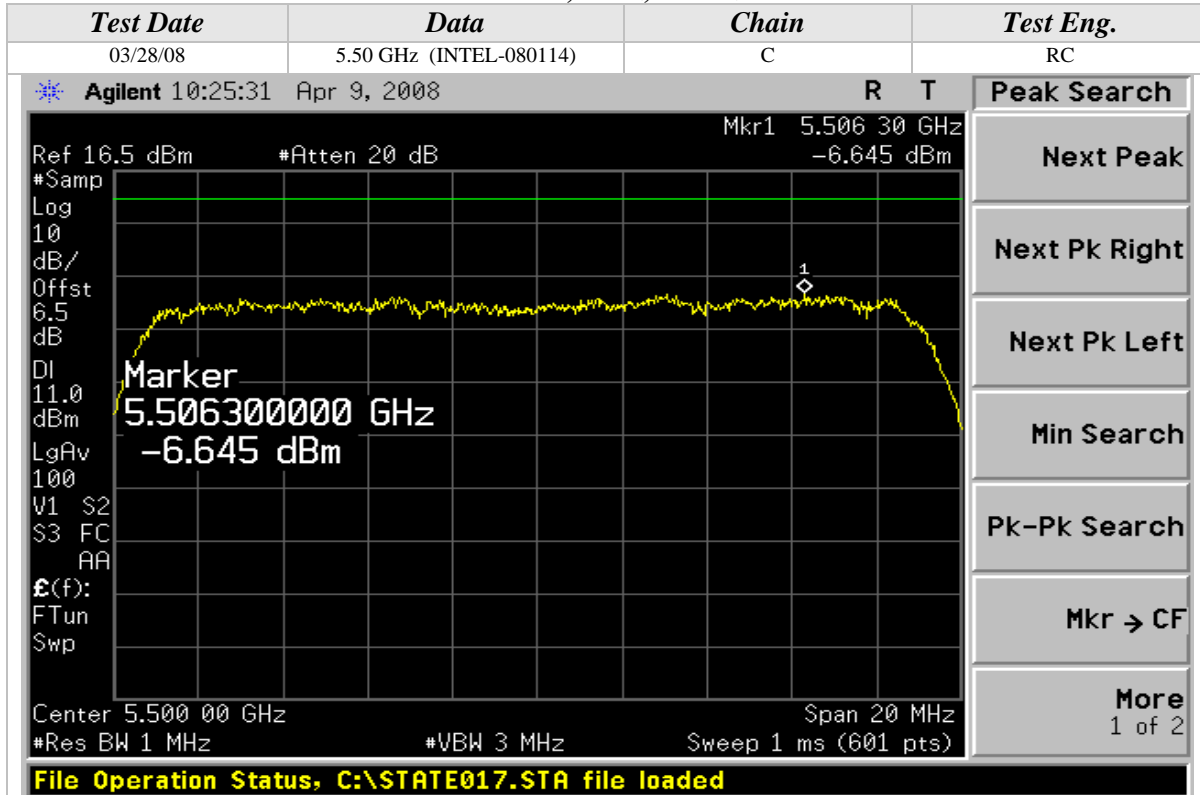
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 20MHz Wide



Peak Power Spectral Density (Continued)

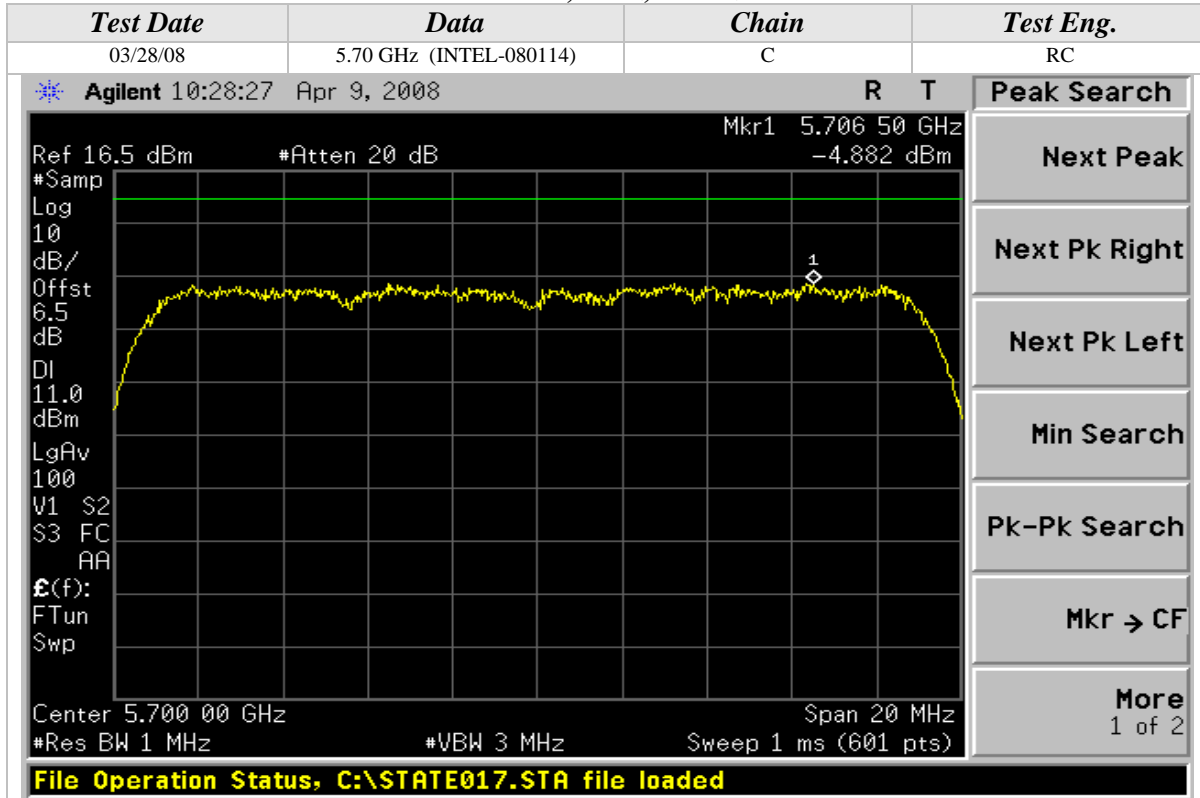
802.11n Mode, 5GHz, 20MHz Wide





Peak Power Spectral Density (Continued)

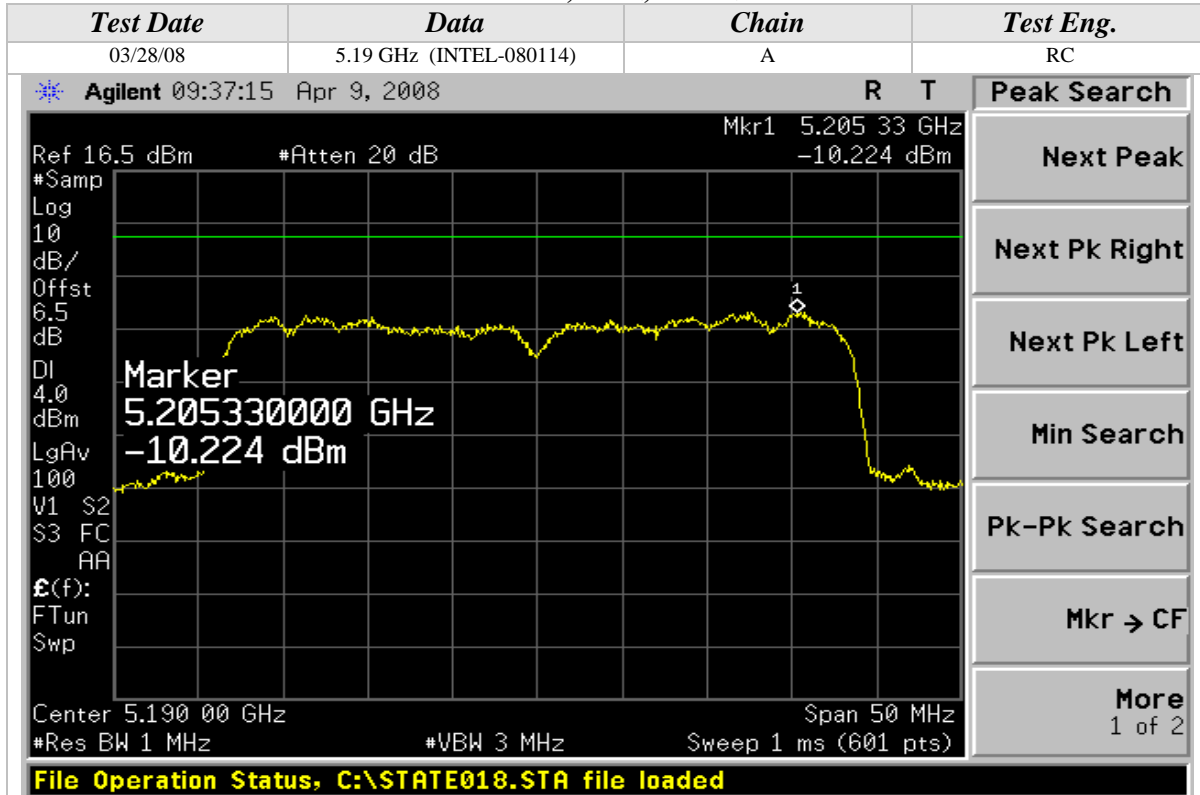
802.11n Mode, 5GHz, 20MHz Wide





Peak Power Spectral Density (Continued)

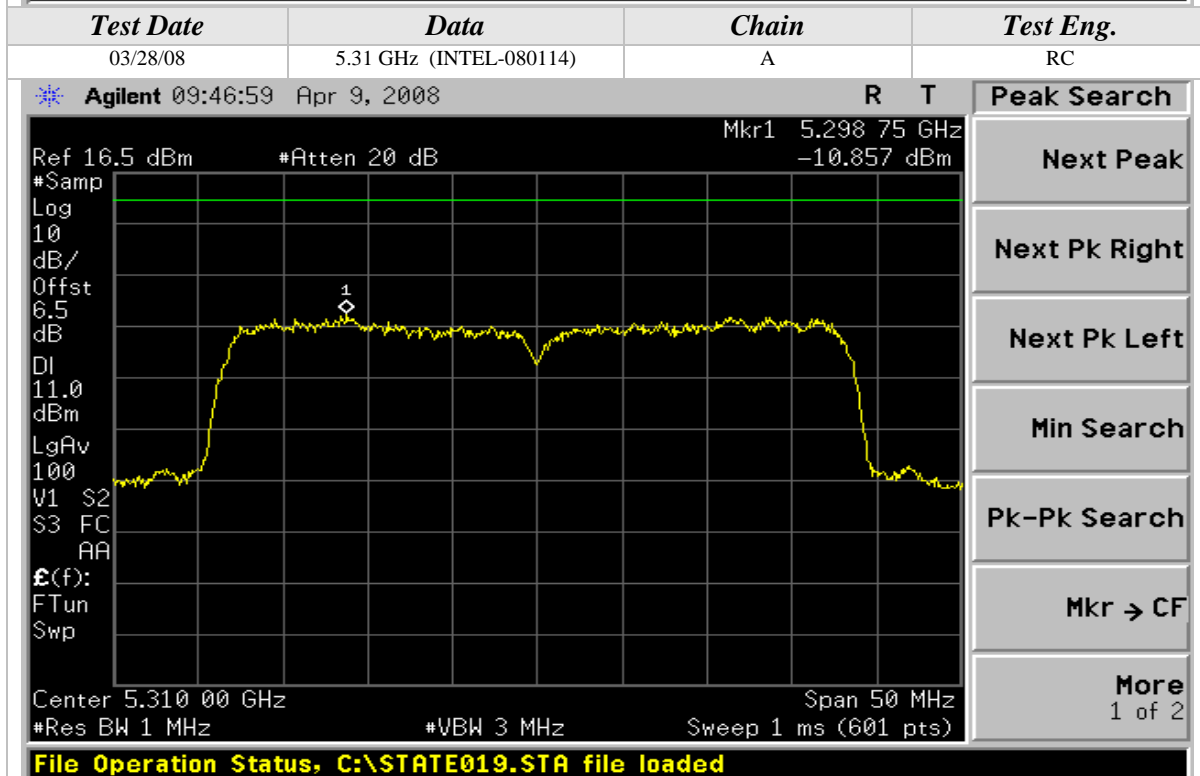
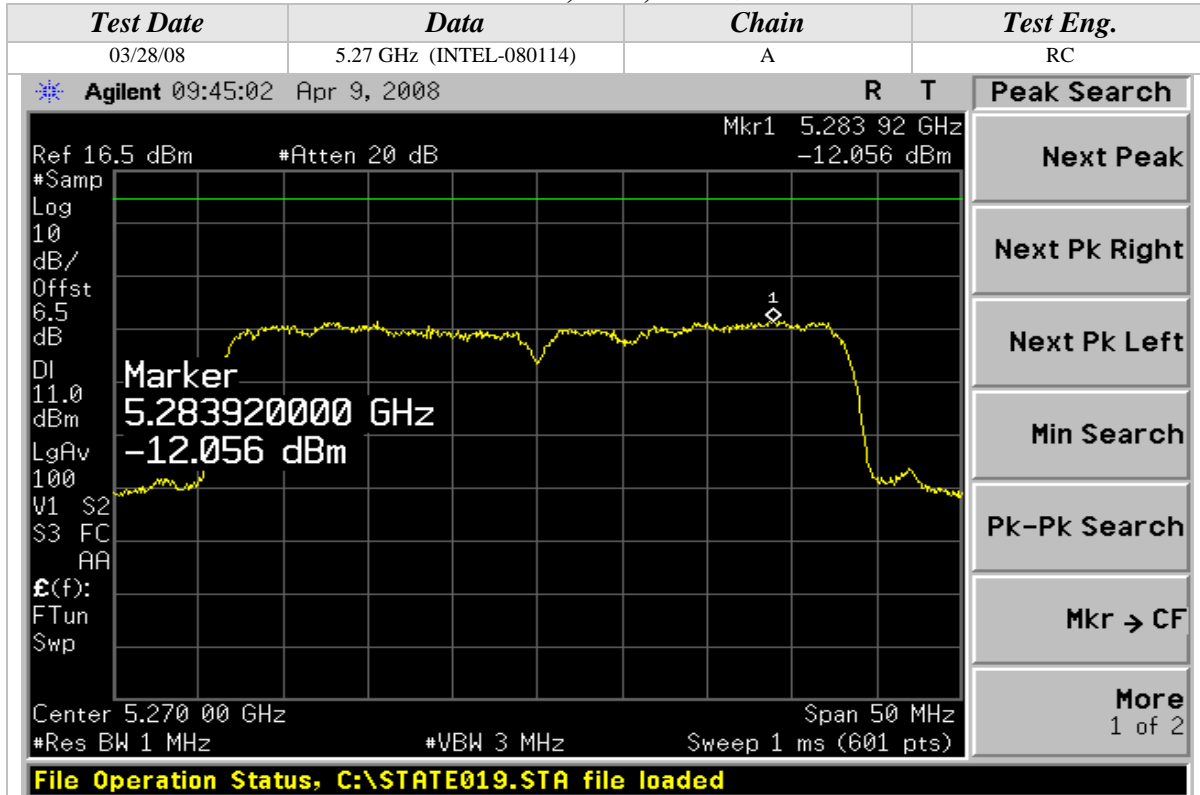
802.11n Mode, 5GHz, 40MHz Wide





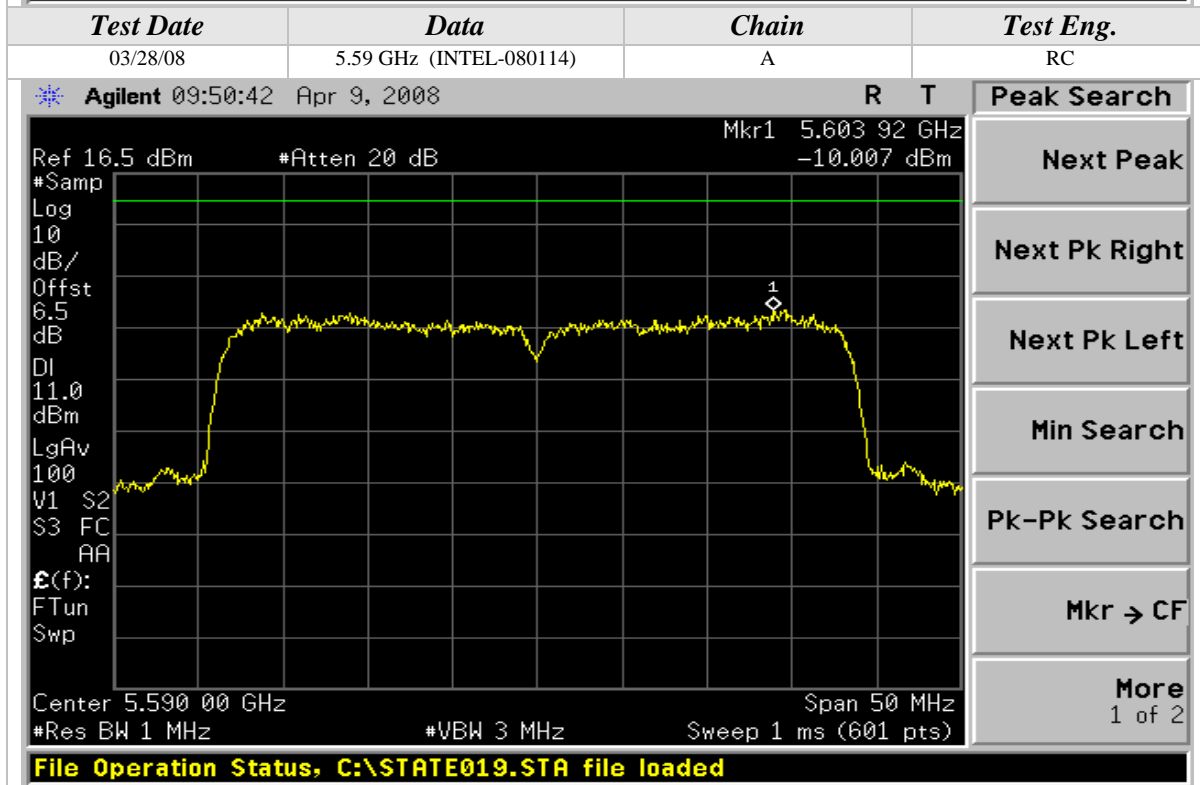
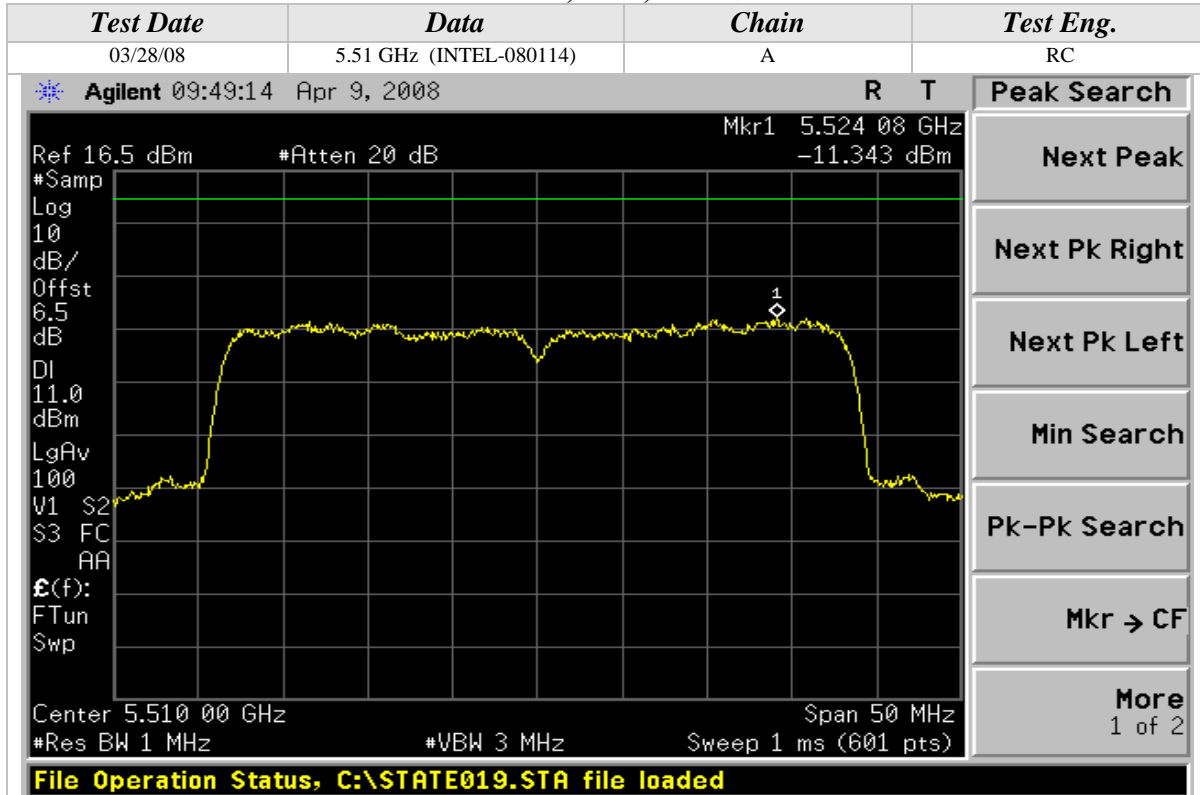
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 40MHz Wide



Peak Power Spectral Density (Continued)

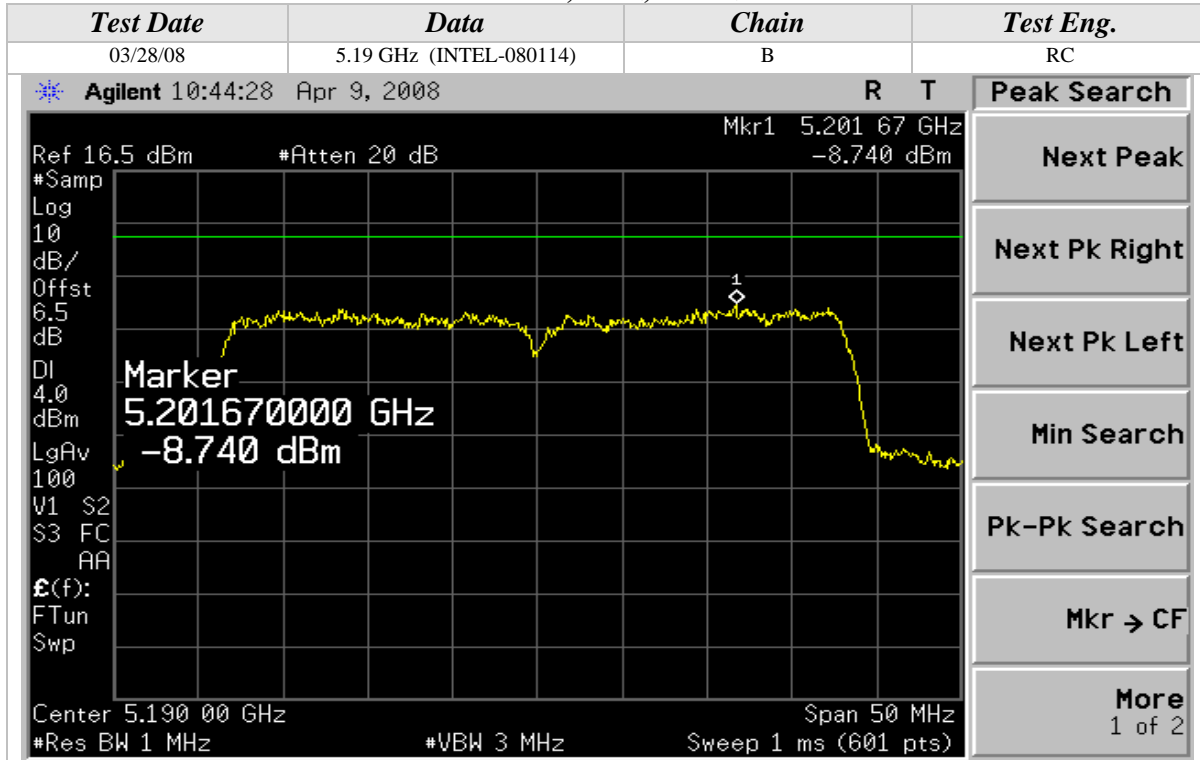
802.11n Mode, 5GHz, 40MHz Wide





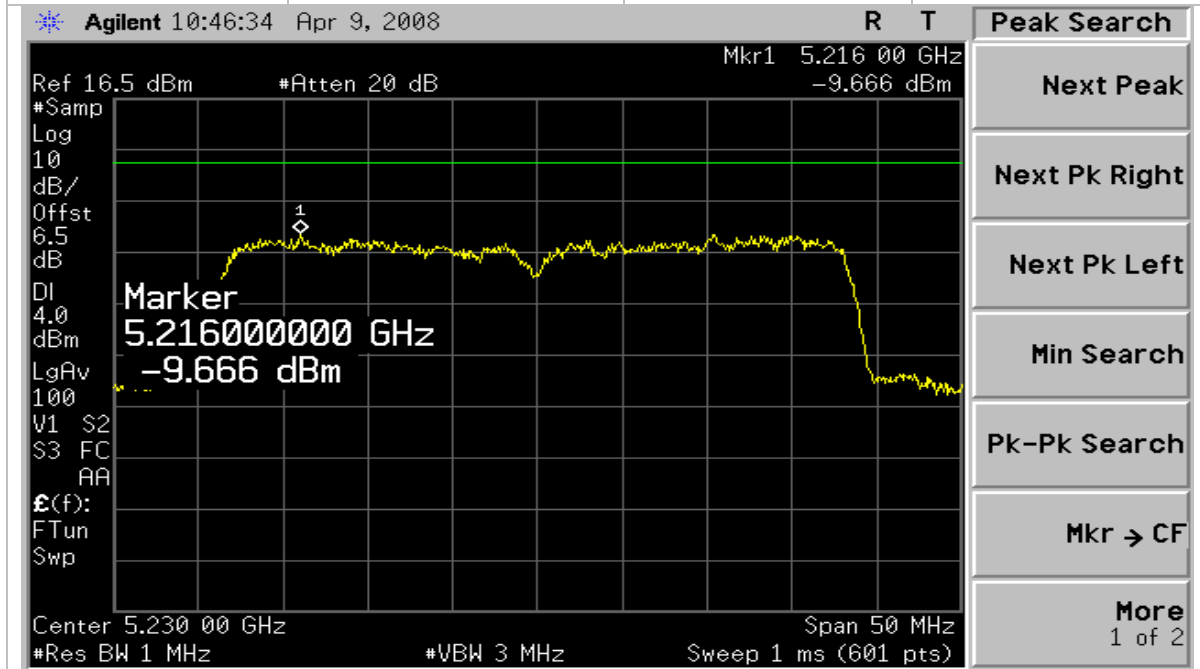
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 40MHz Wide



File Operation Status, C:\STATE018.STA file loaded

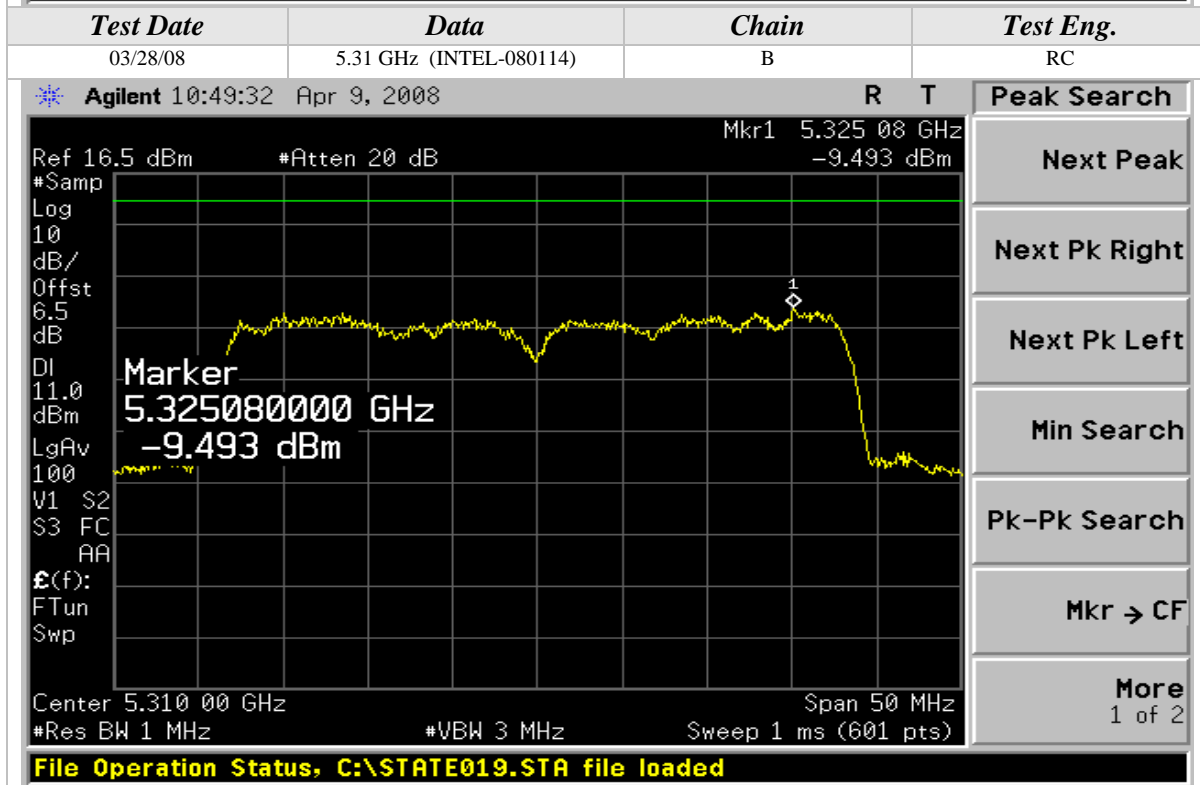
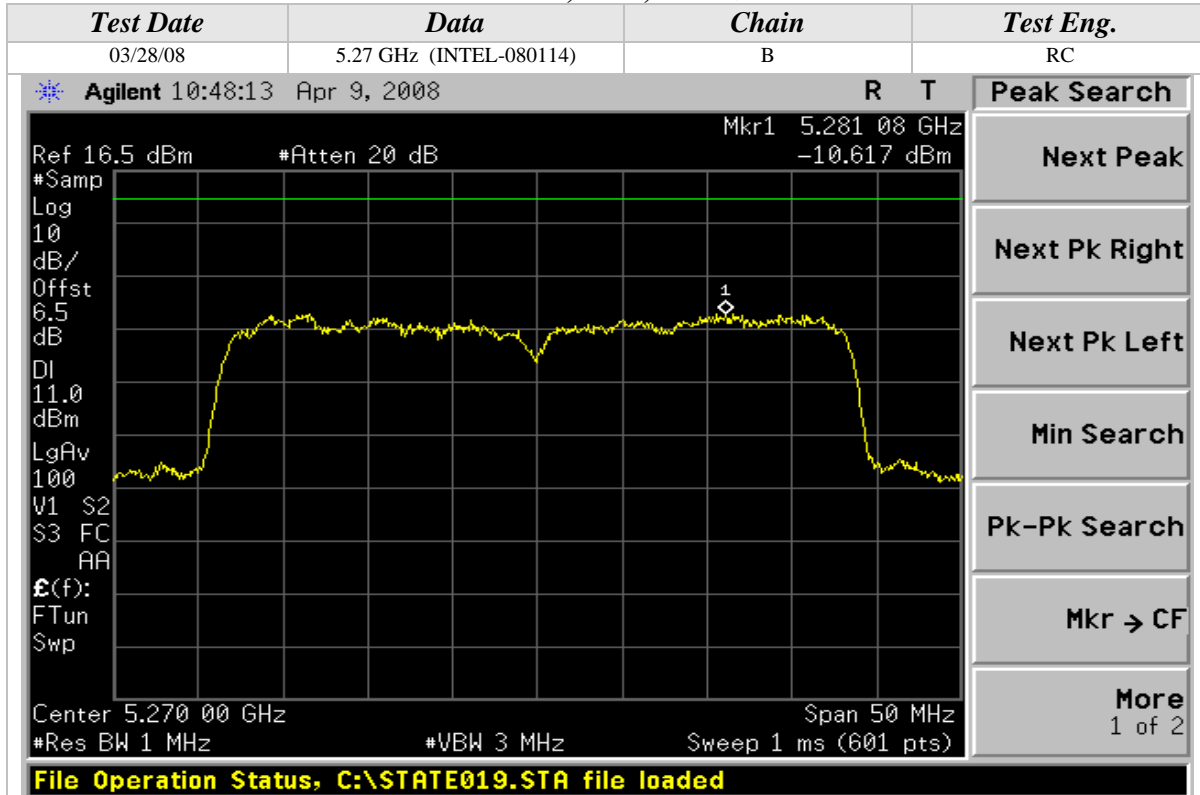
Test Date	Data	Chain	Test Eng.
03/28/08	5.23 GHz (INTEL-080114)	B	RC



File Operation Status, C:\STATE018.STA file loaded

Peak Power Spectral Density (Continued)

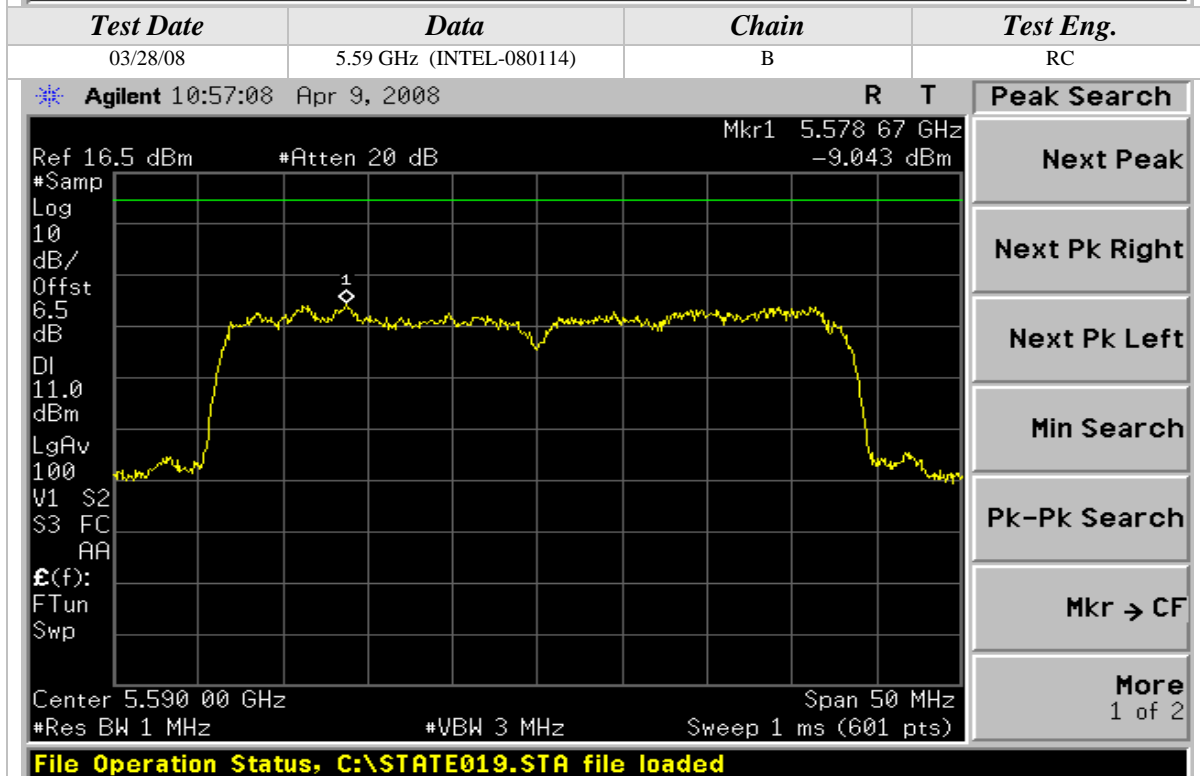
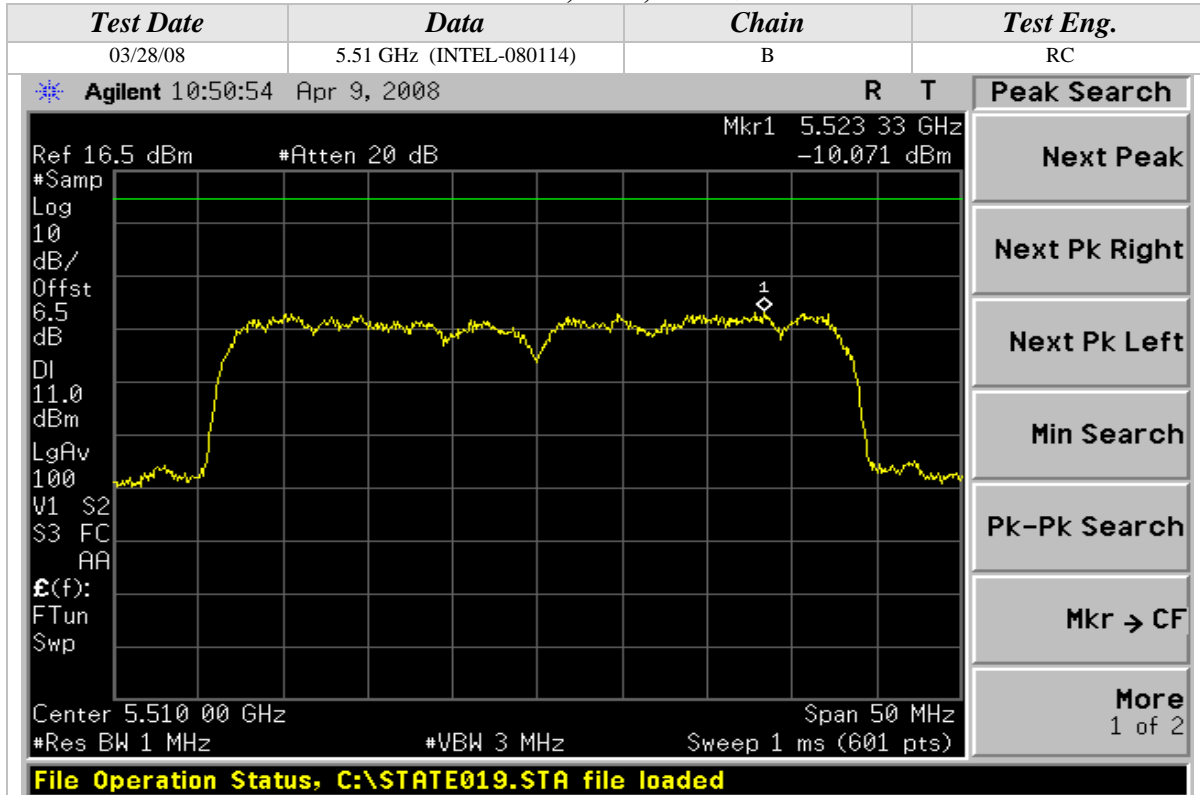
802.11n Mode, 5GHz, 40MHz Wide





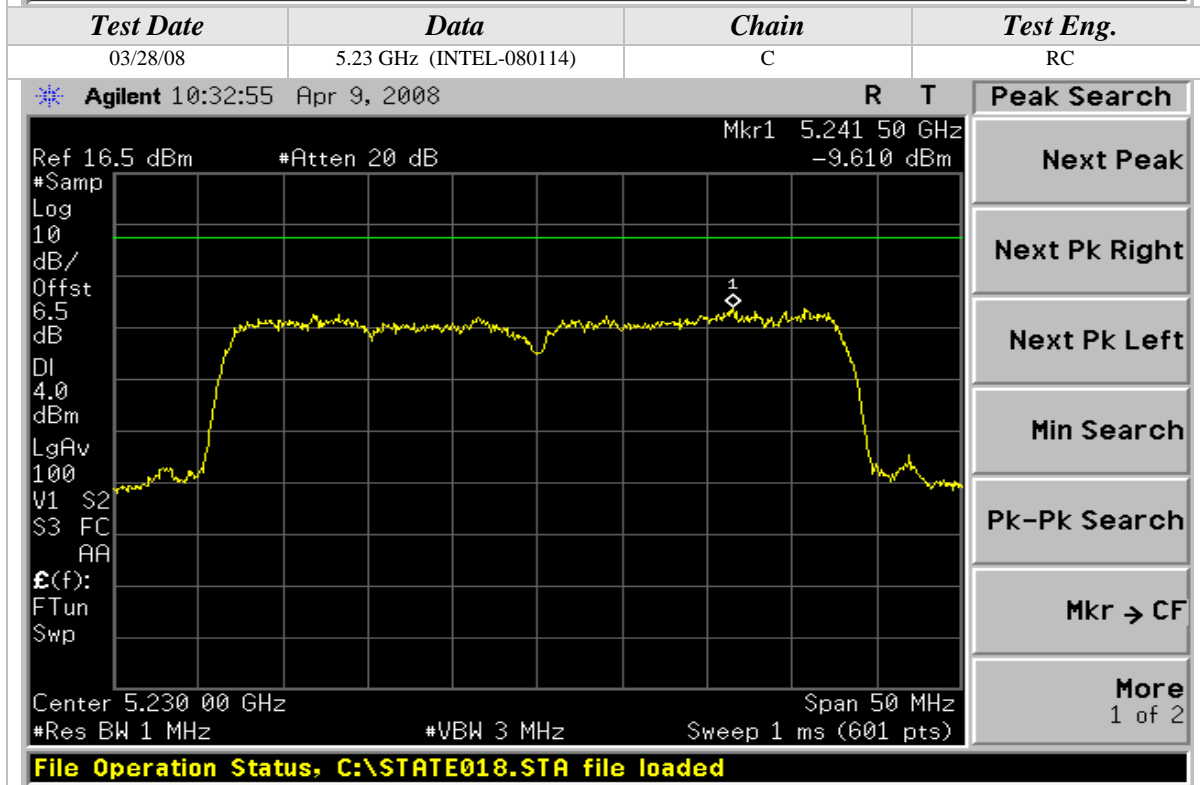
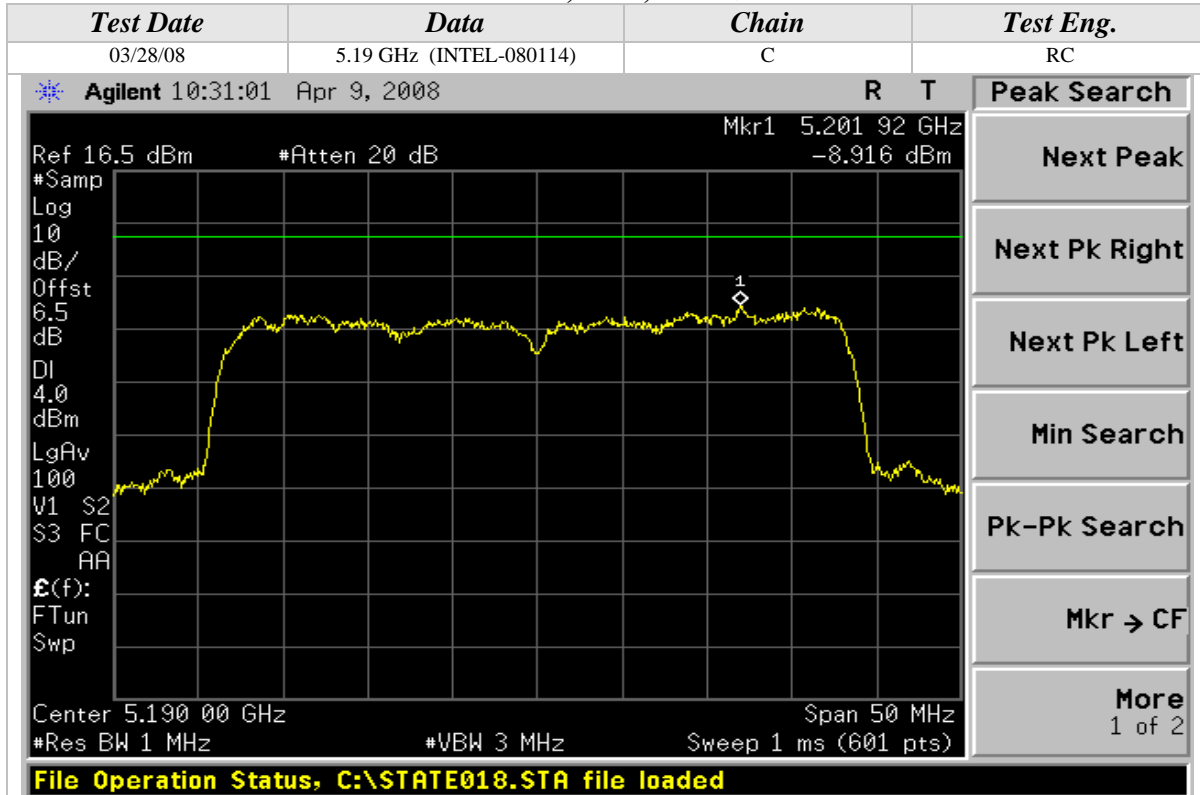
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 40MHz Wide



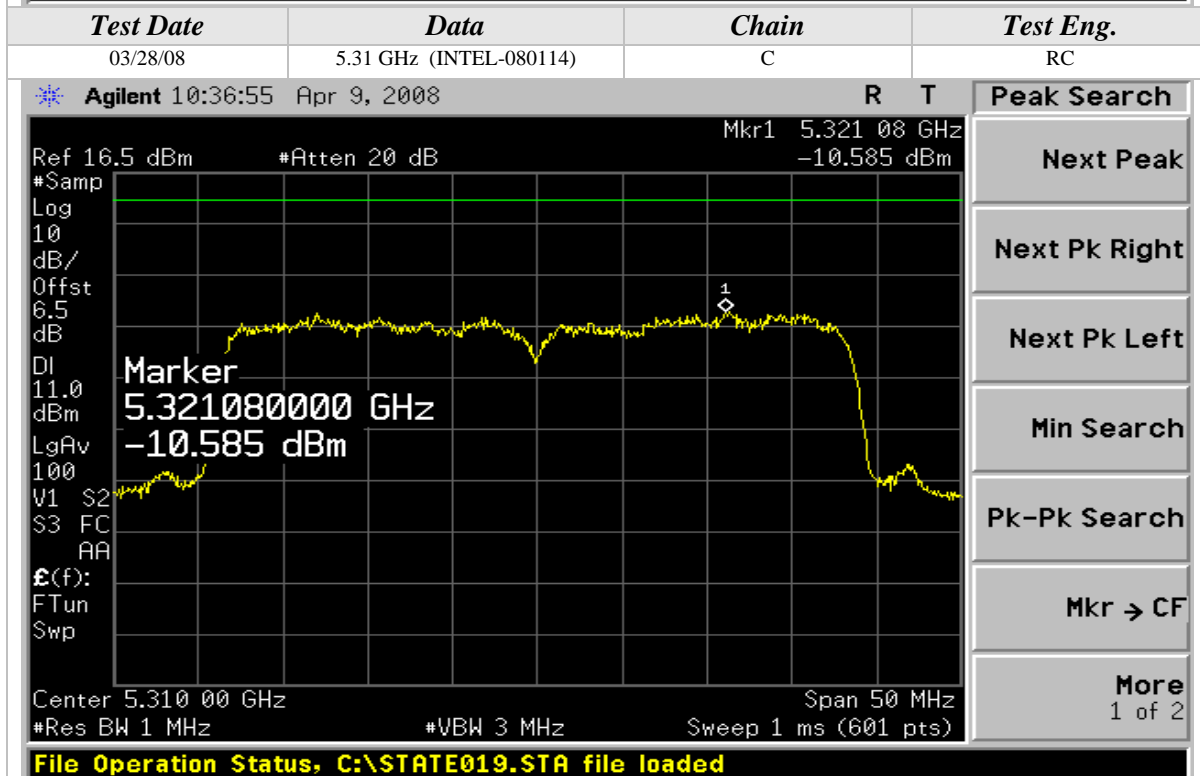
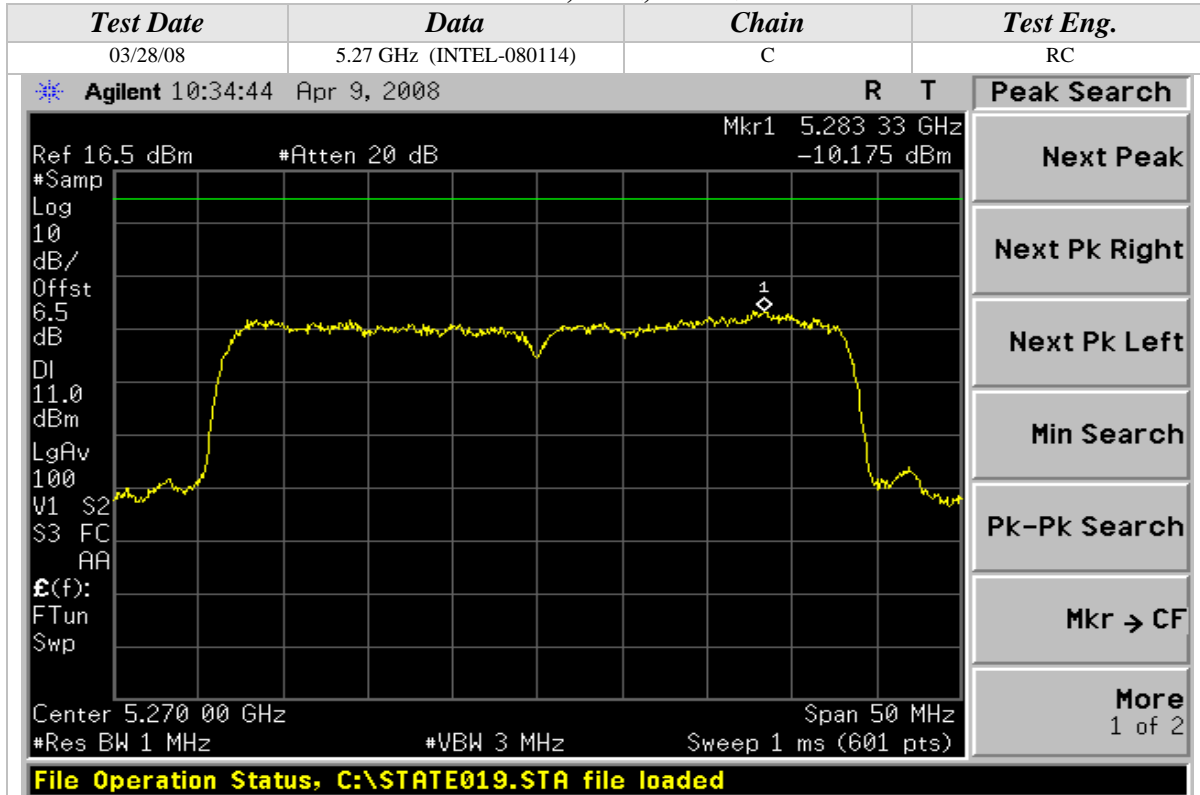
Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 40MHz Wide



Peak Power Spectral Density (Continued)

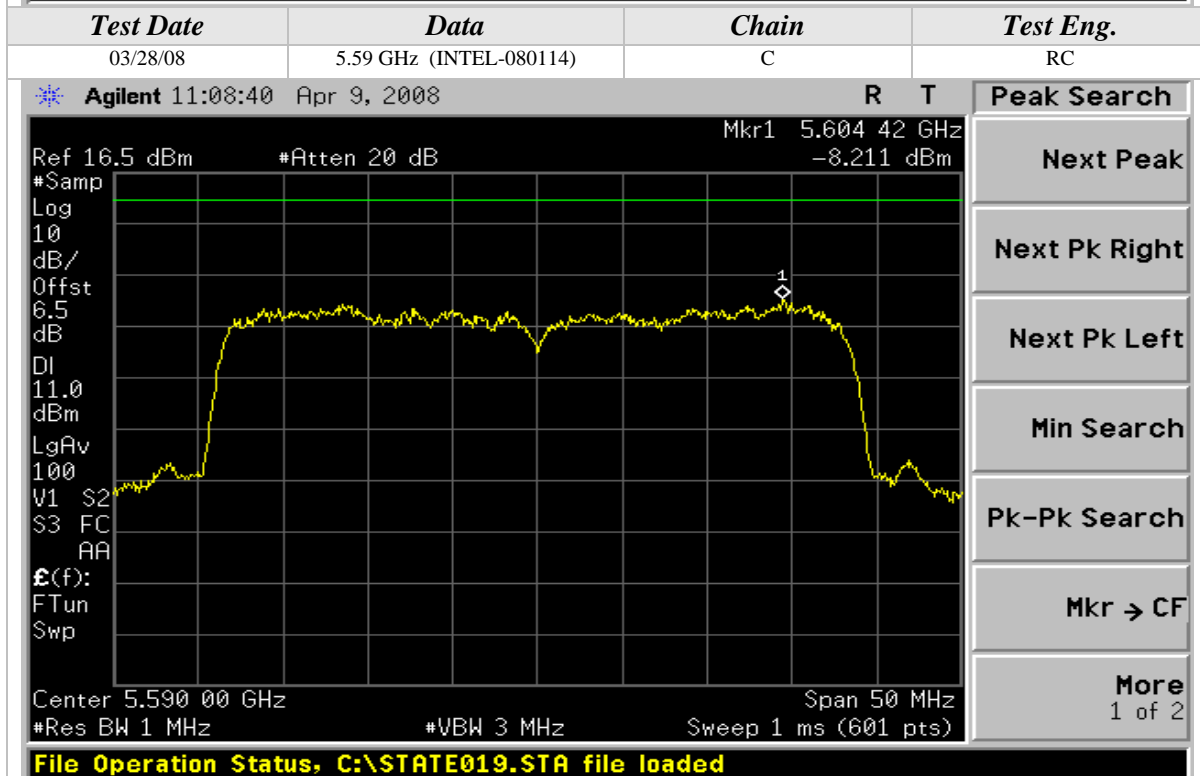
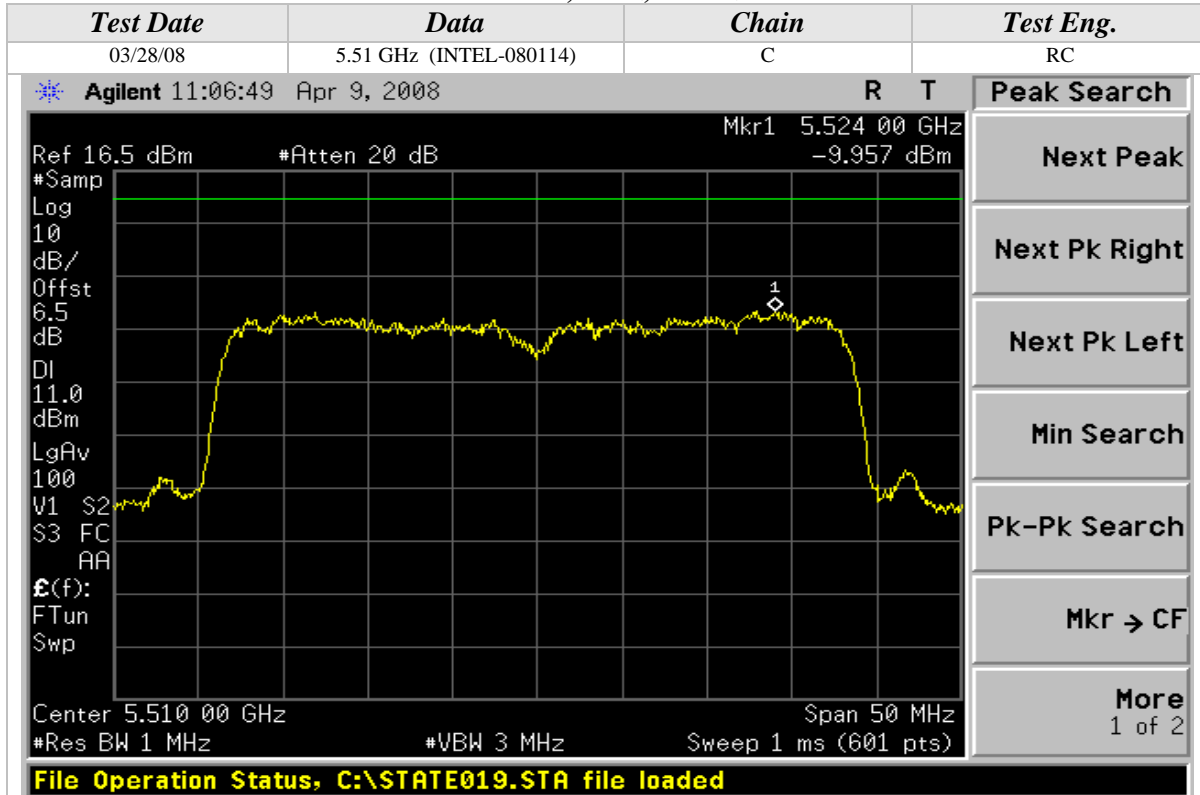
802.11n Mode, 5GHz, 40MHz Wide





Peak Power Spectral Density (Continued)

802.11n Mode, 5GHz, 40MHz Wide



**PEAK EXCURSION**

CLIENT:	Intel Corporation	DATE:	03/28/08
EUT:	Intel WiFi/WiMax Link 5350	PROJECT NUMBER:	INTEL-080114
MODEL NUMBER:	533ANXMMW	TEST ENGINEER:	RC/KN
SERIAL NUMBER:	0016EB01A3A8	SITE #:	2
CONFIGURATION:	Tested installed in an extender board connected to the host laptop's mini PCI slot	TEMPERATURE:	23 deg. C
		HUMIDITY:	46% RH
		TIME:	11:00 AM

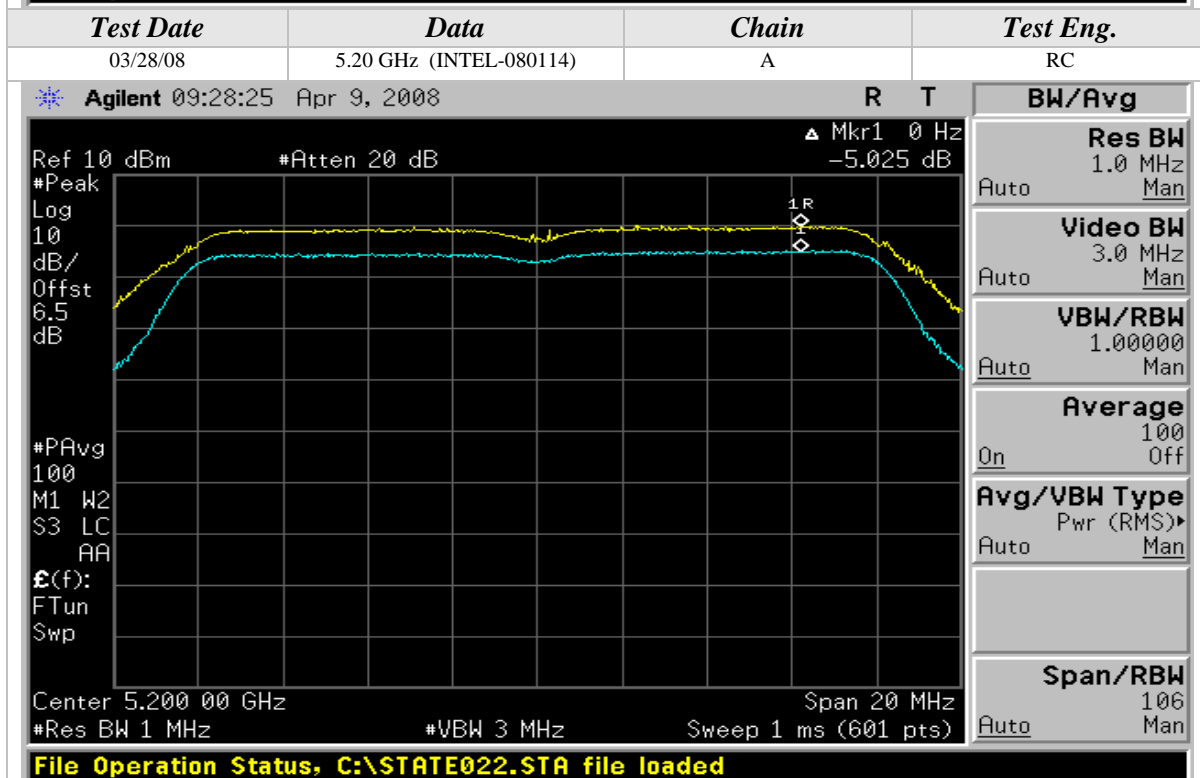
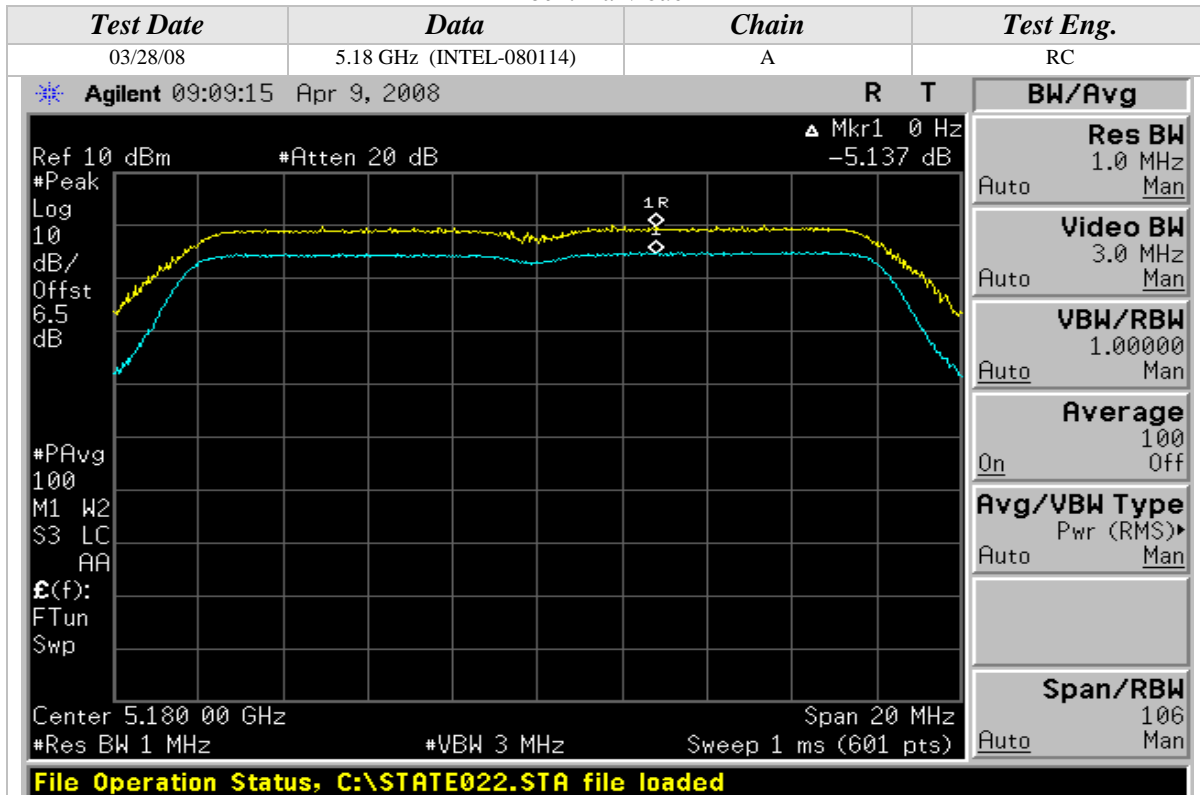
Description:	The ratio of the peak excursion of the modulation envelope to the peak transmit power shall not exceed 13dB across any 1 MHz bandwidth or the emissions bandwidth whichever is less.
Results:	See Data Sheet
Note:	Conducted Emissions Measurements were performed on the EUT with power supply set at the following voltage and frequency. <ul style="list-style-type: none">• 120VAC / 60 Hz.

Peak Power Spectral Density Limits	
Frequency (MHz)	Limit (dBm)
5150-5350	13
5470-5725	13



Peak Excursion (Continued)

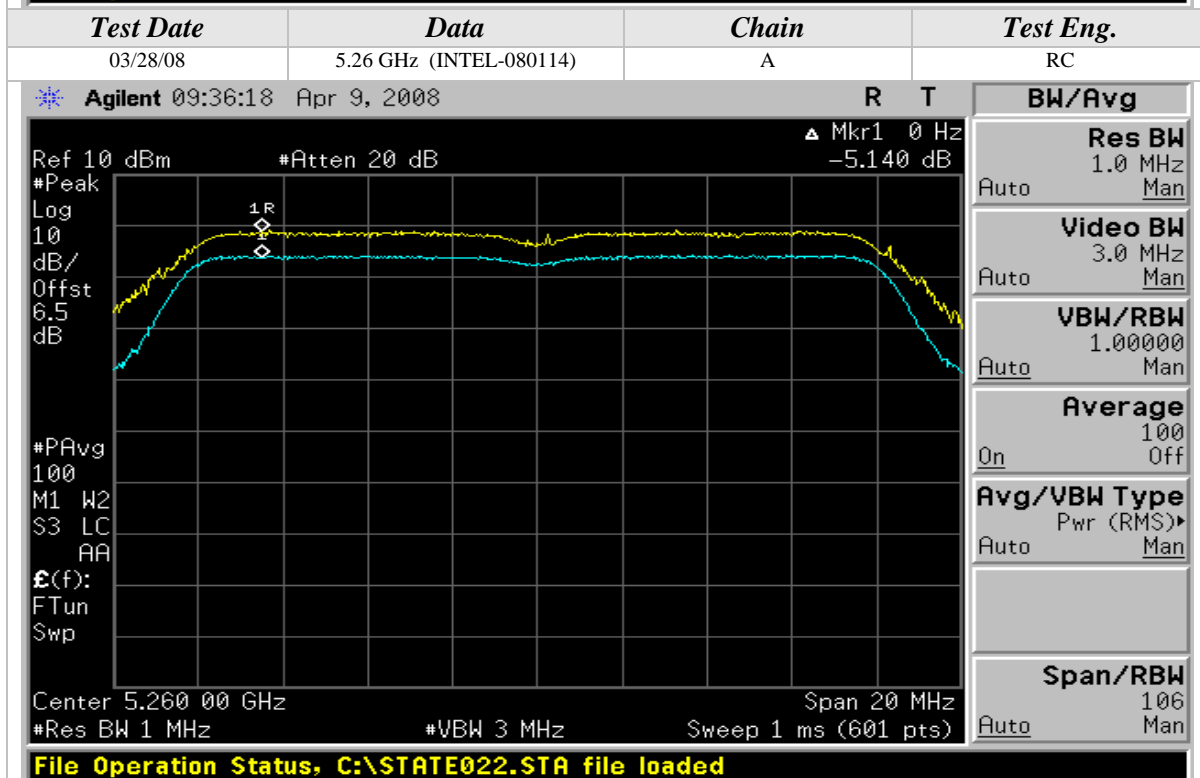
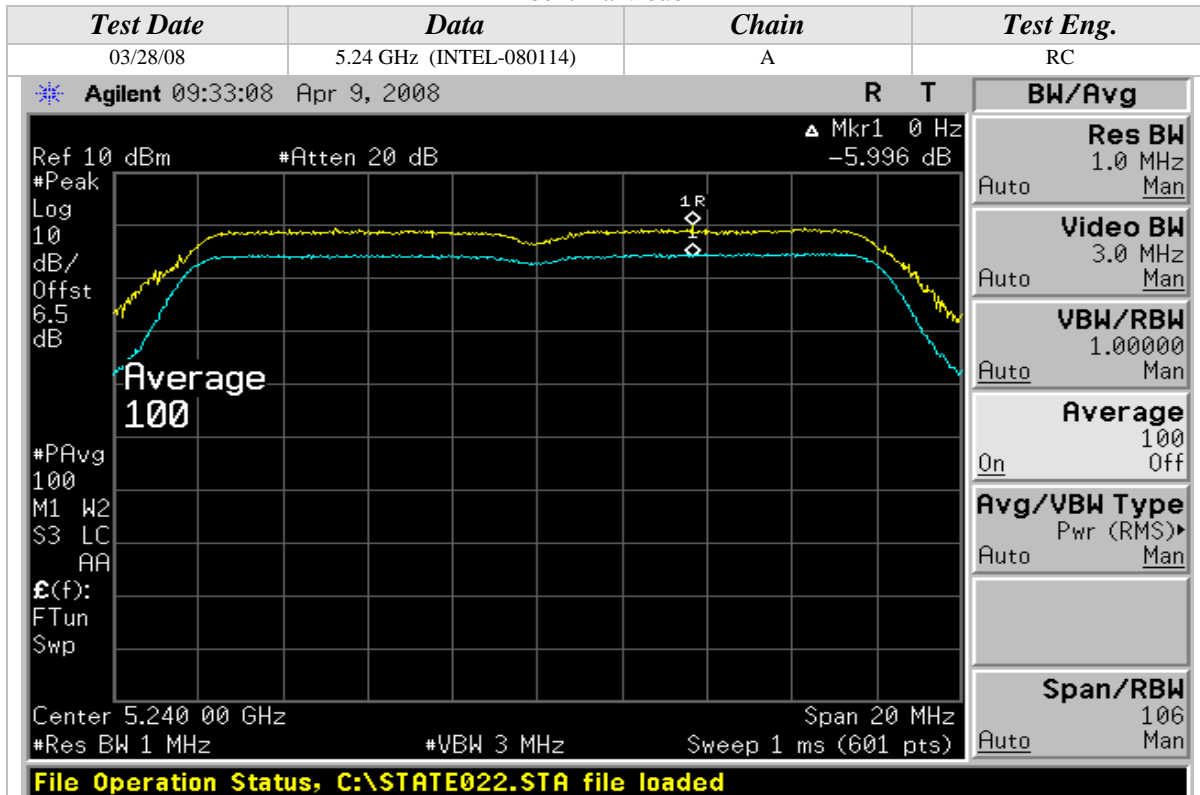
802.11a Mode





Peak Excursion (Continued)

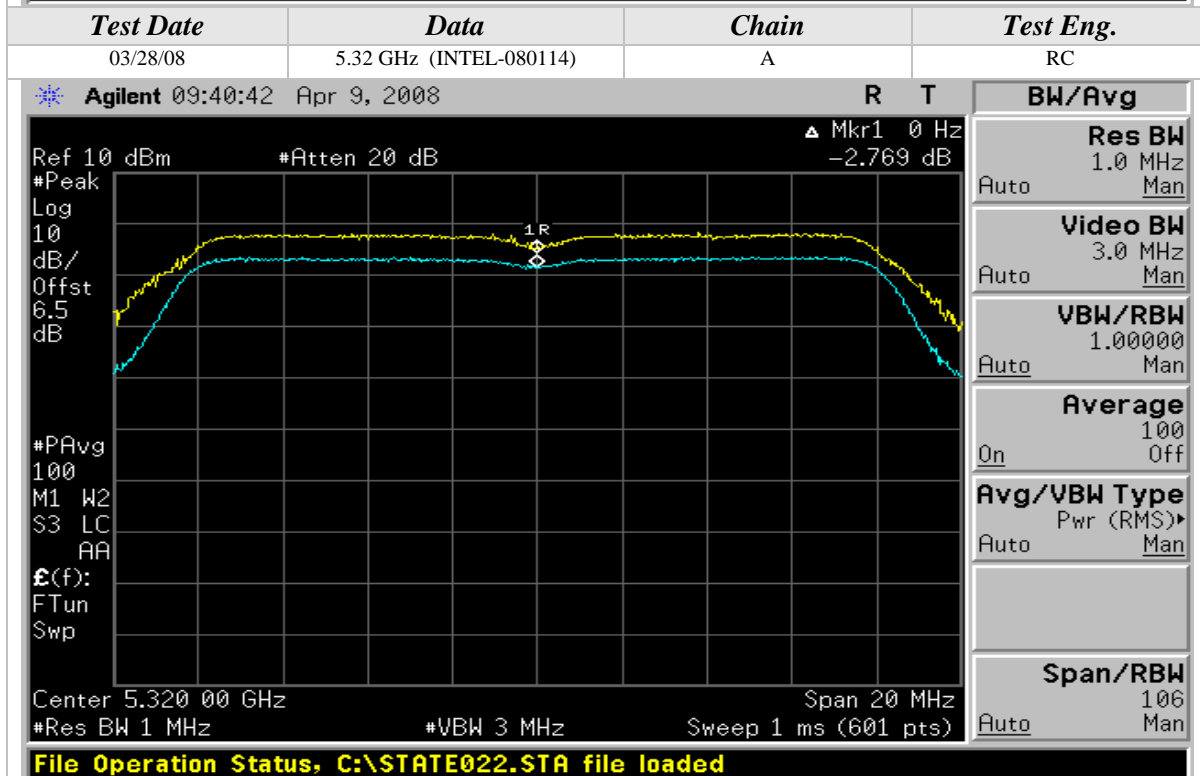
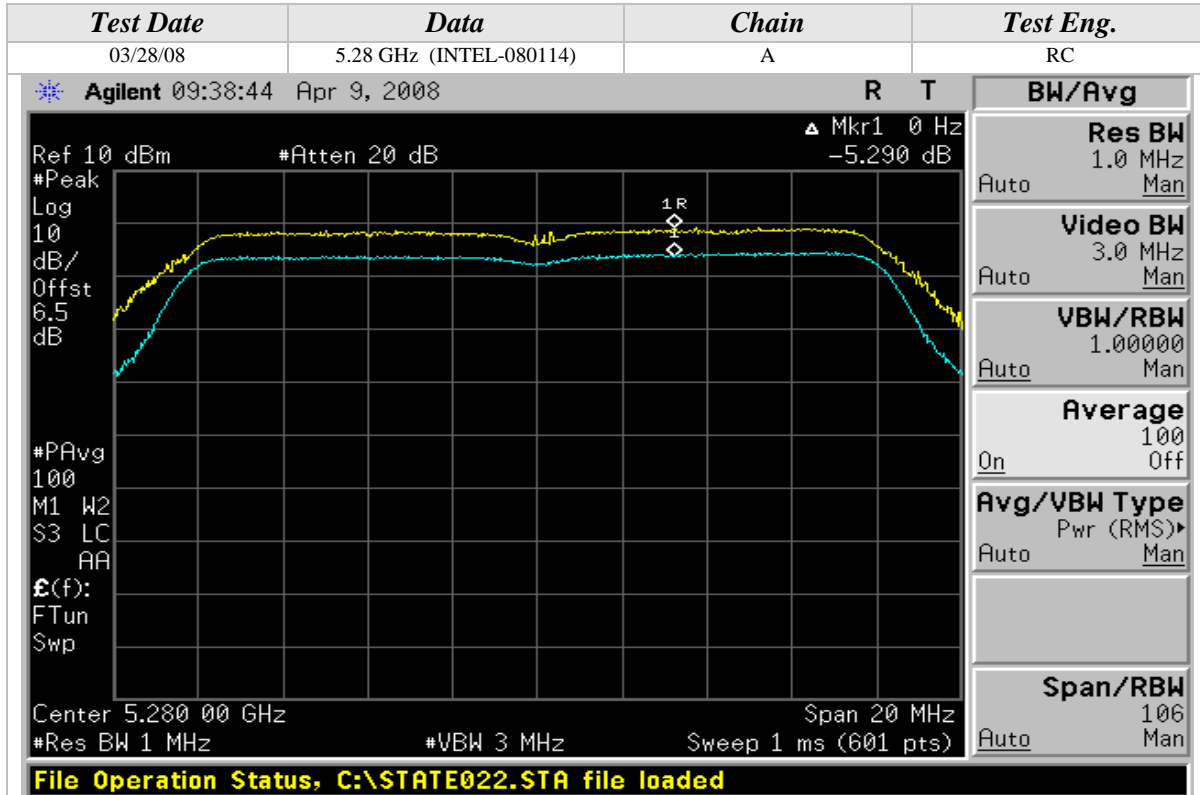
802.11a Mode





Peak Excursion (Continued)

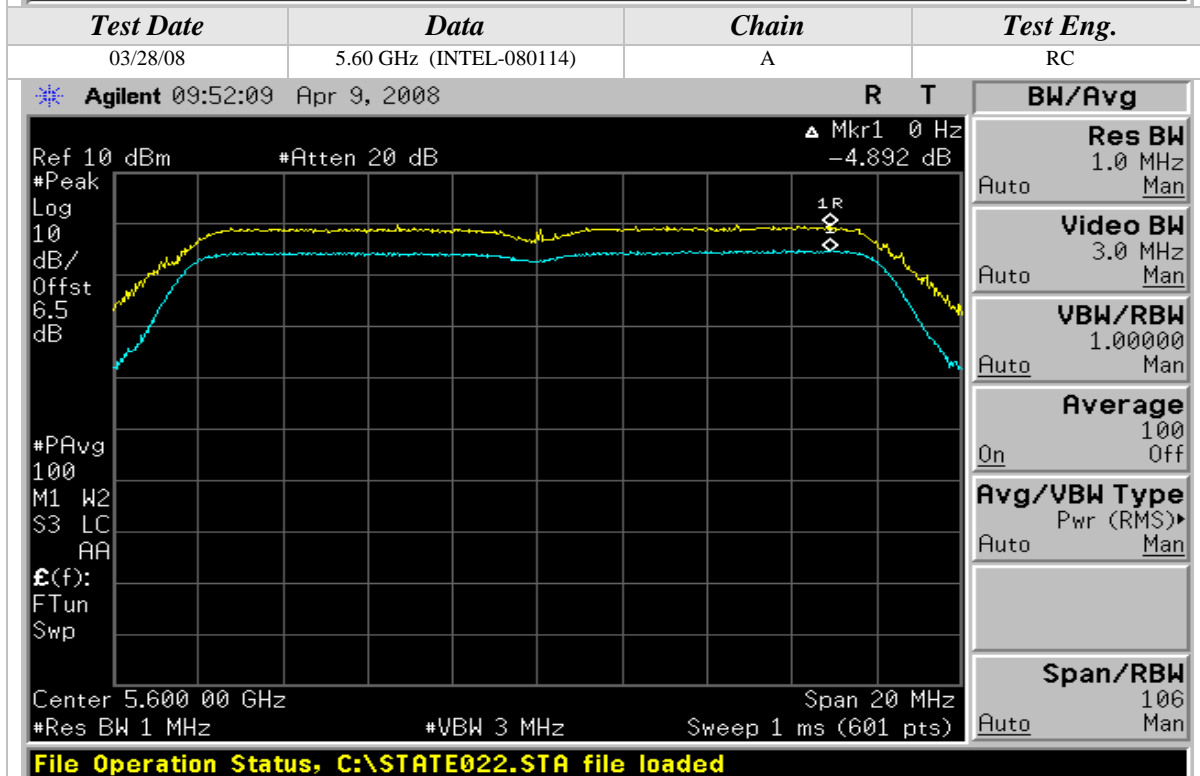
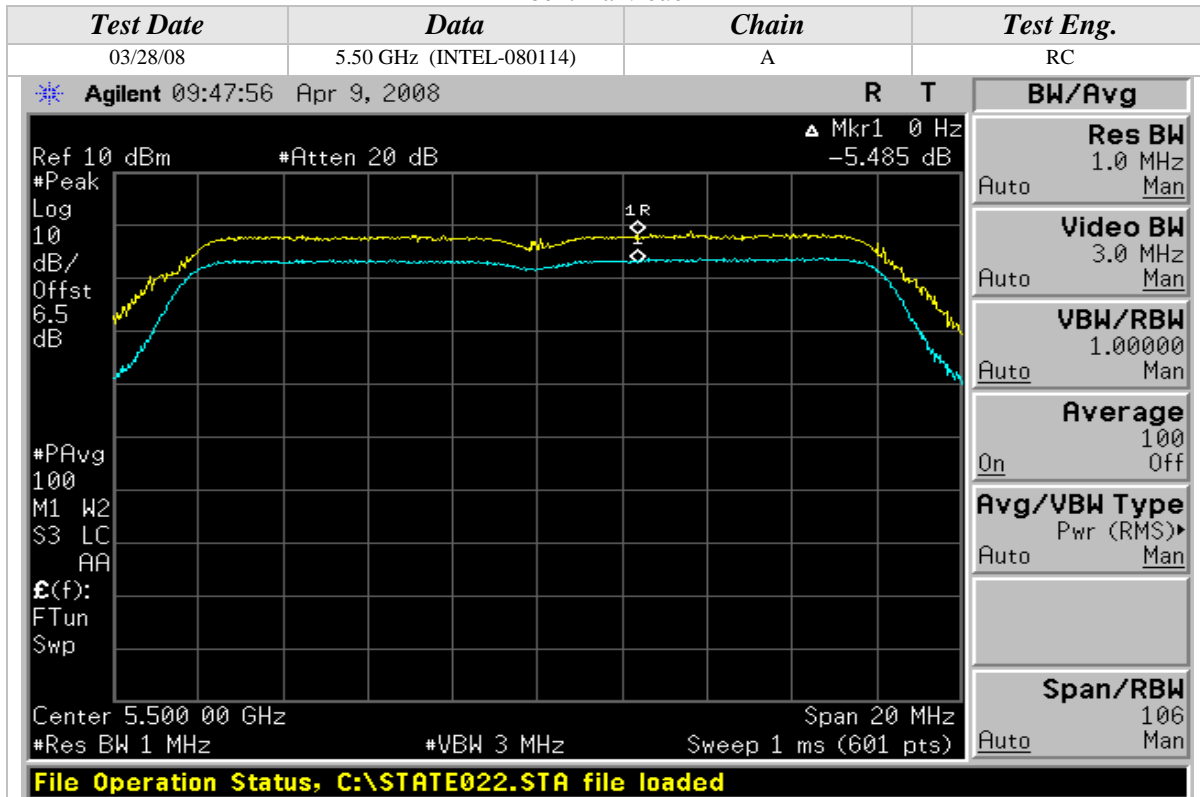
802.11a Mode





Peak Excursion (Continued)

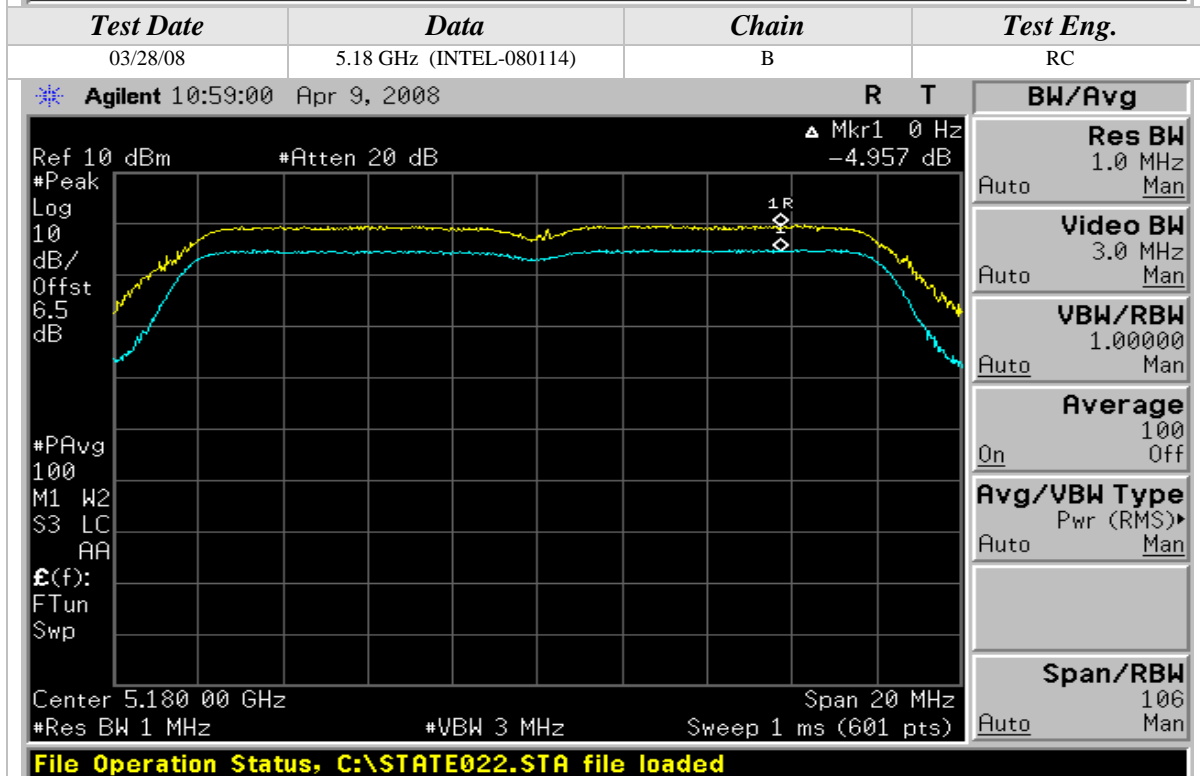
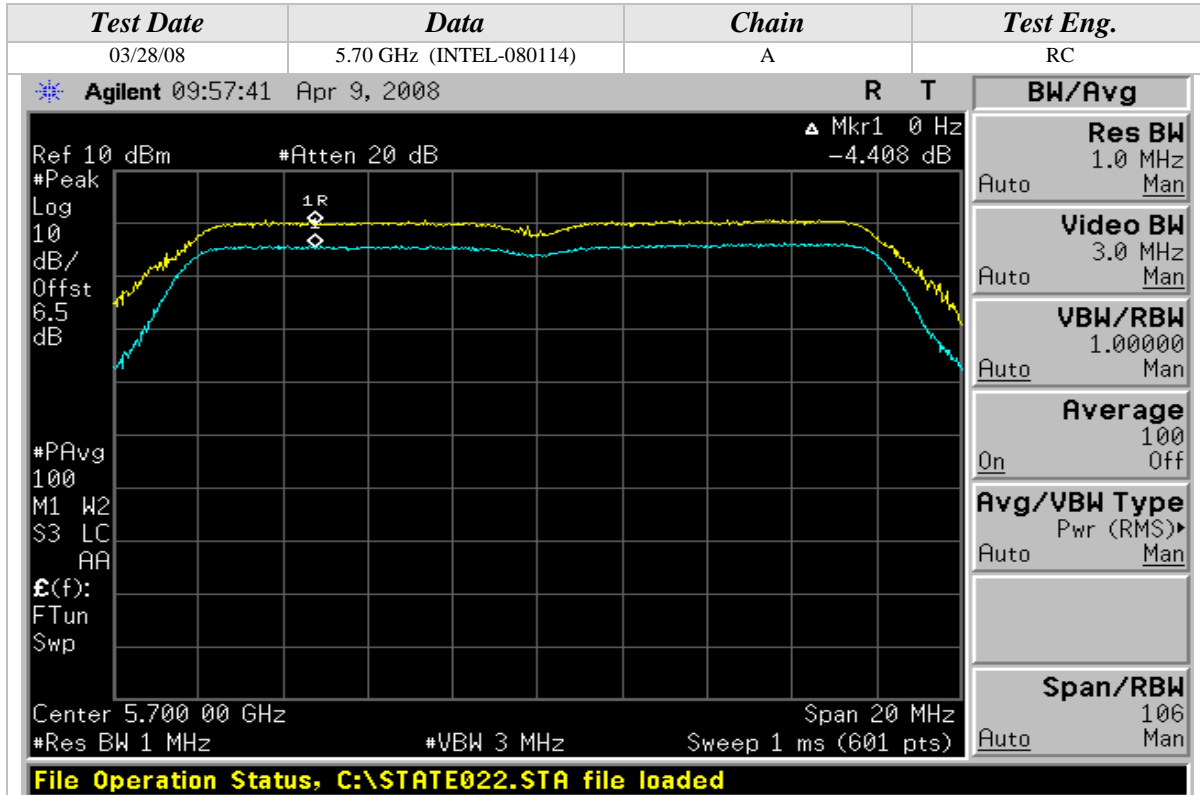
802.11a Mode





Peak Excursion (Continued)

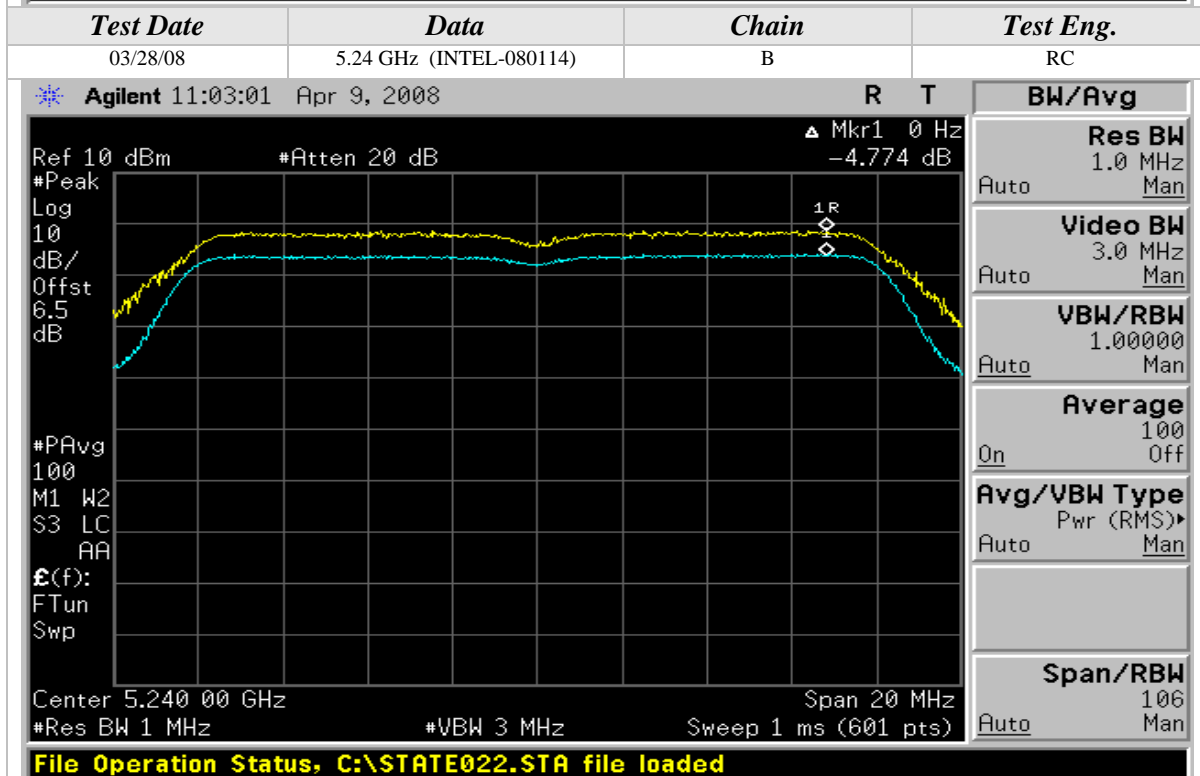
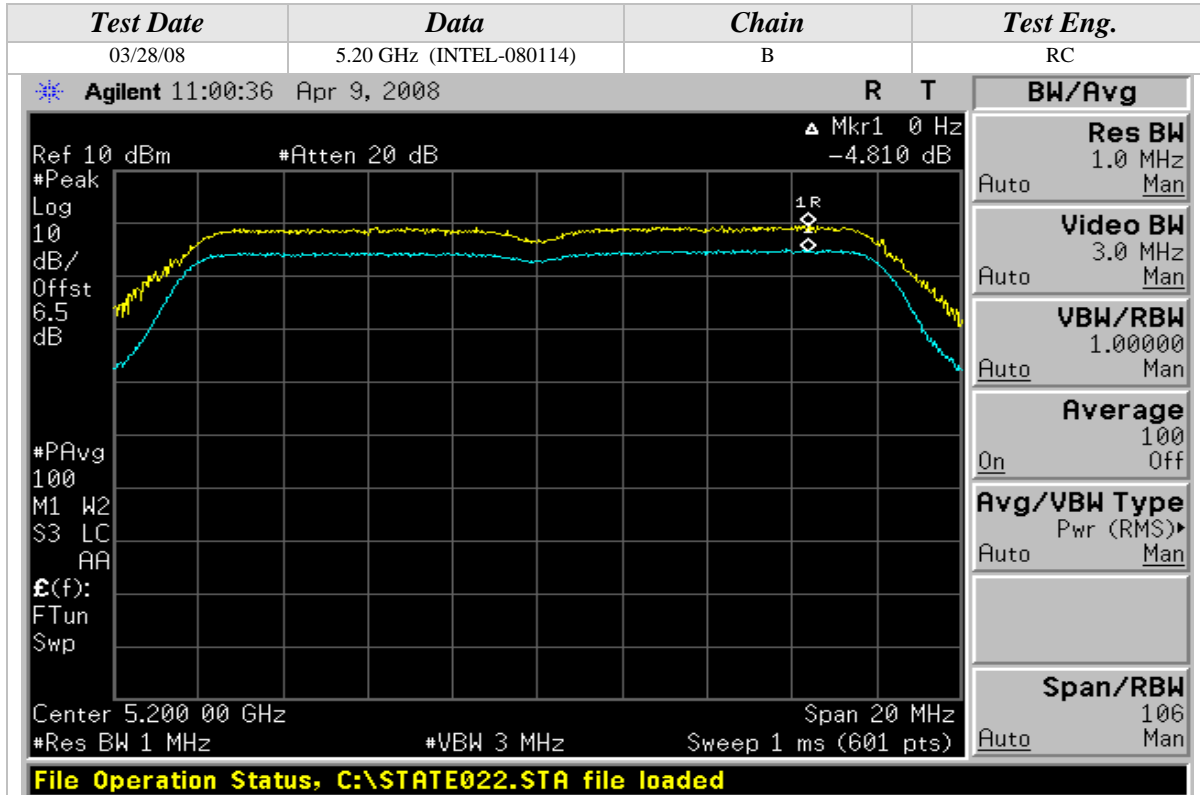
802.11a Mode





Peak Excursion (Continued)

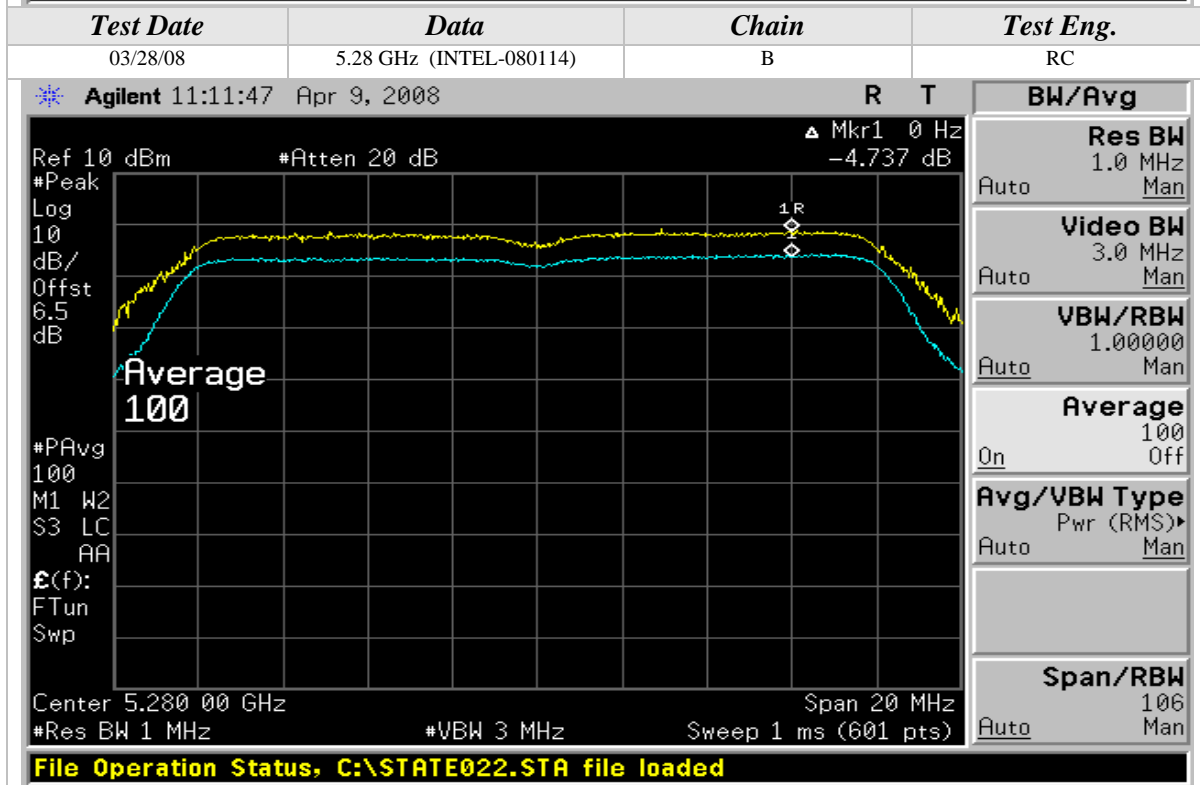
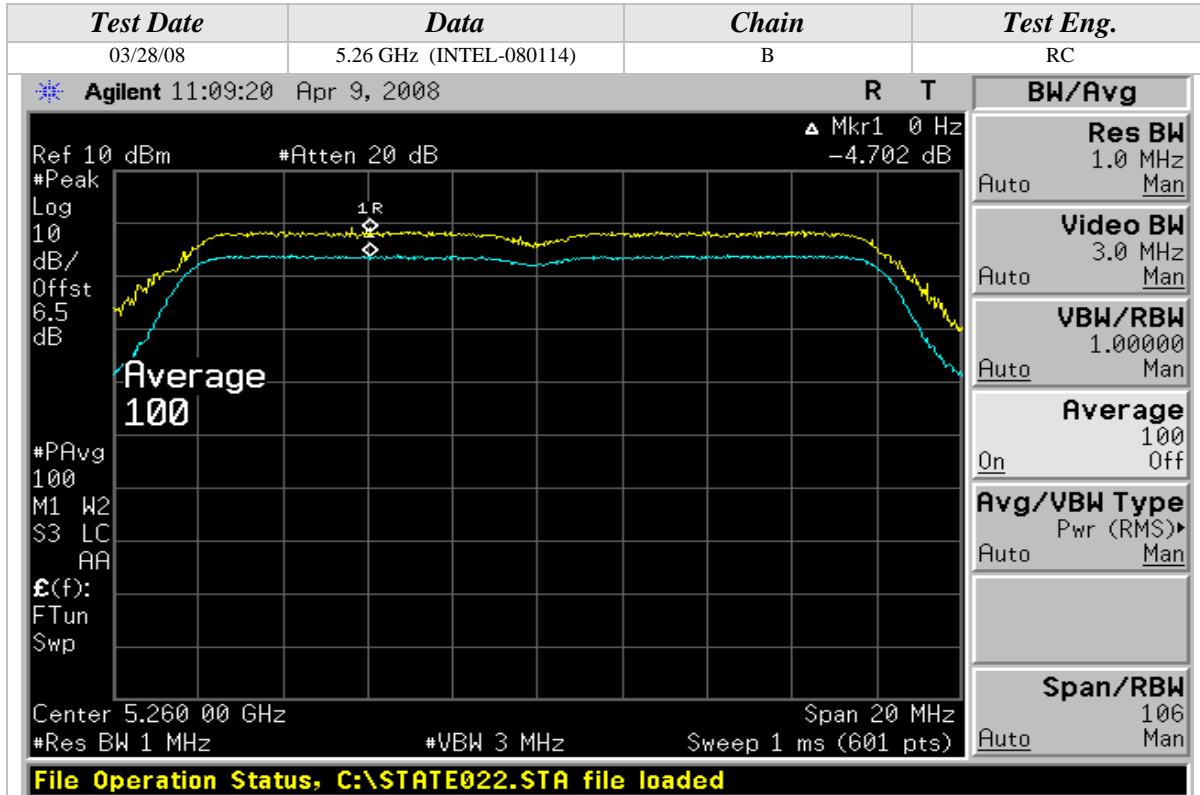
802.11a Mode





Peak Excursion (Continued)

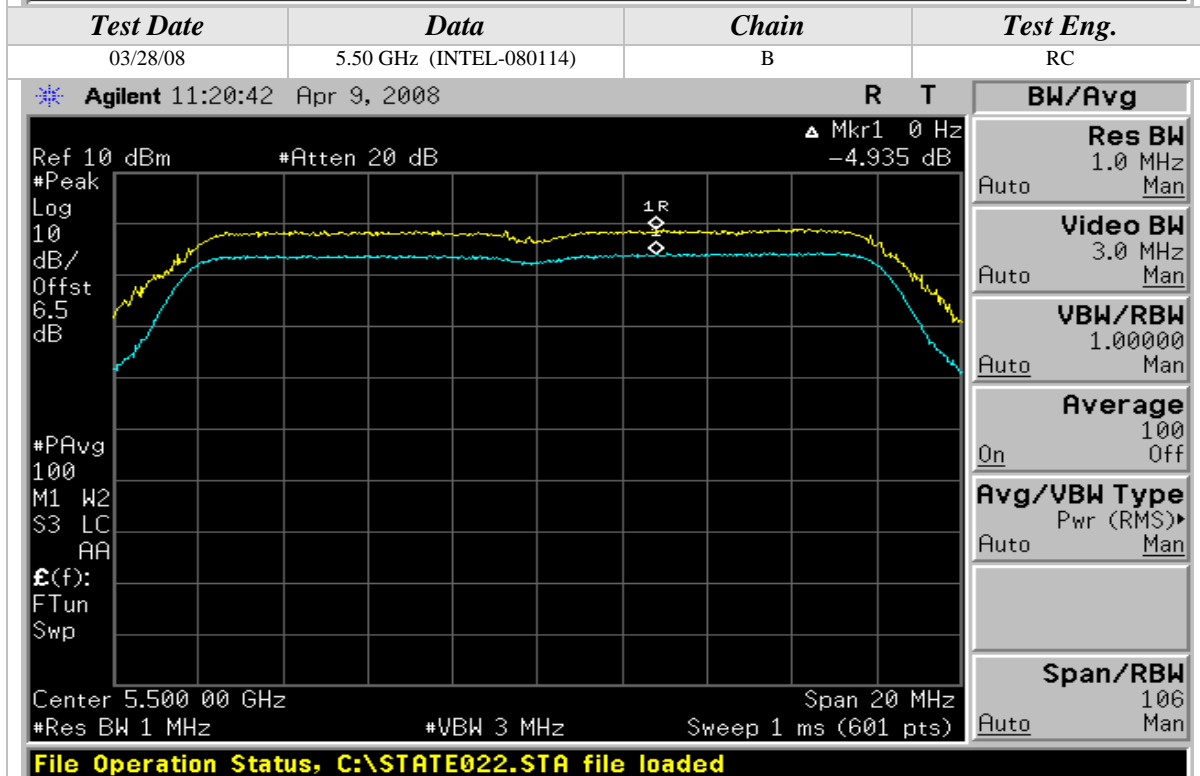
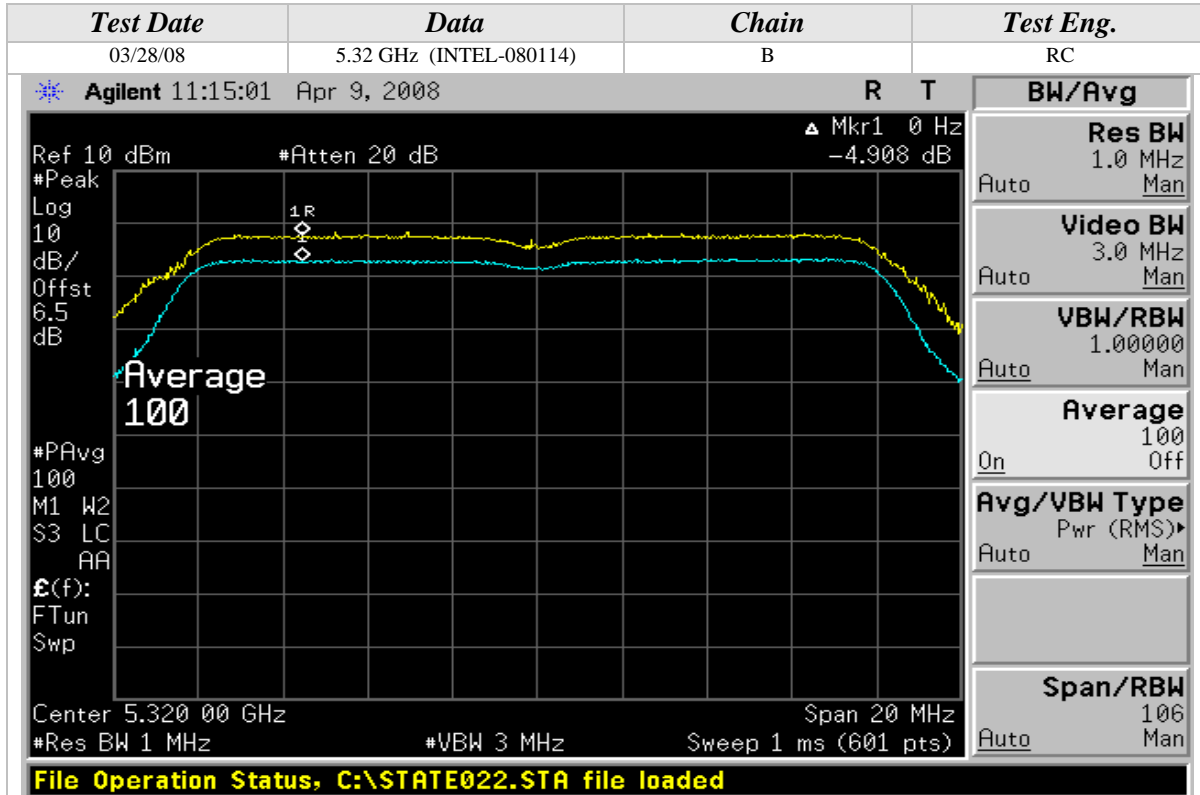
802.11a Mode





Peak Excursion (Continued)

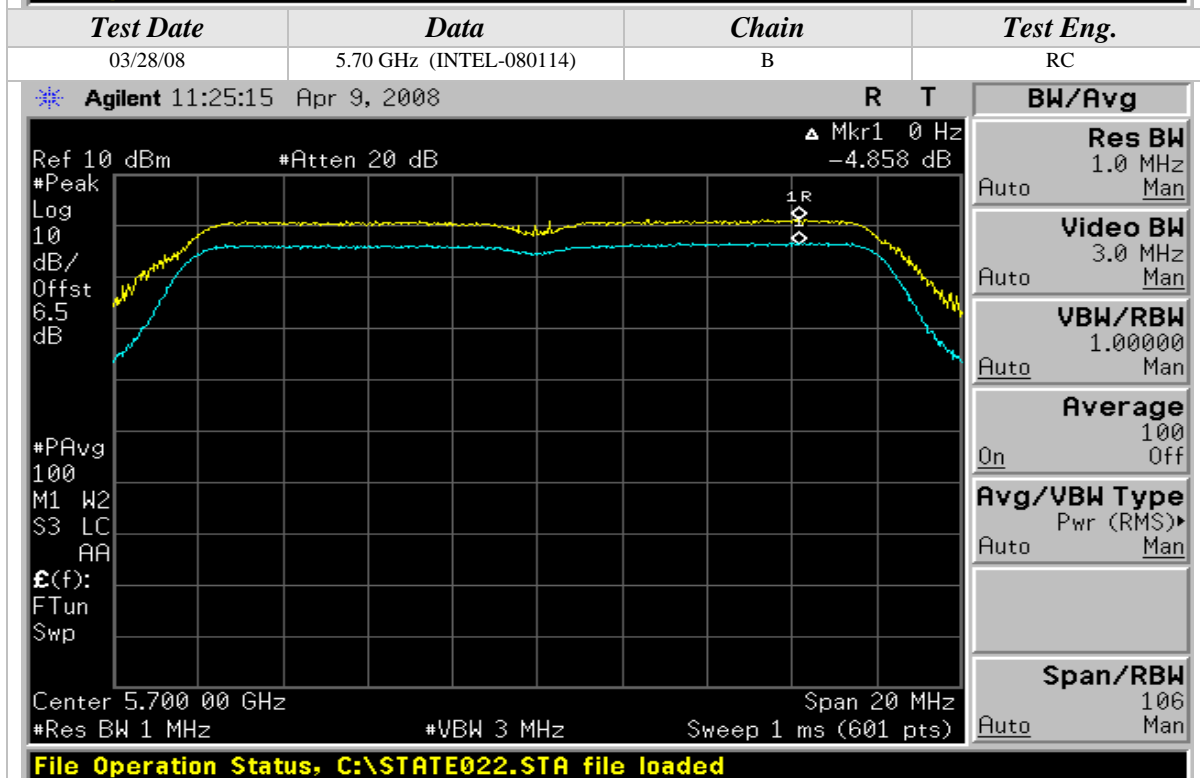
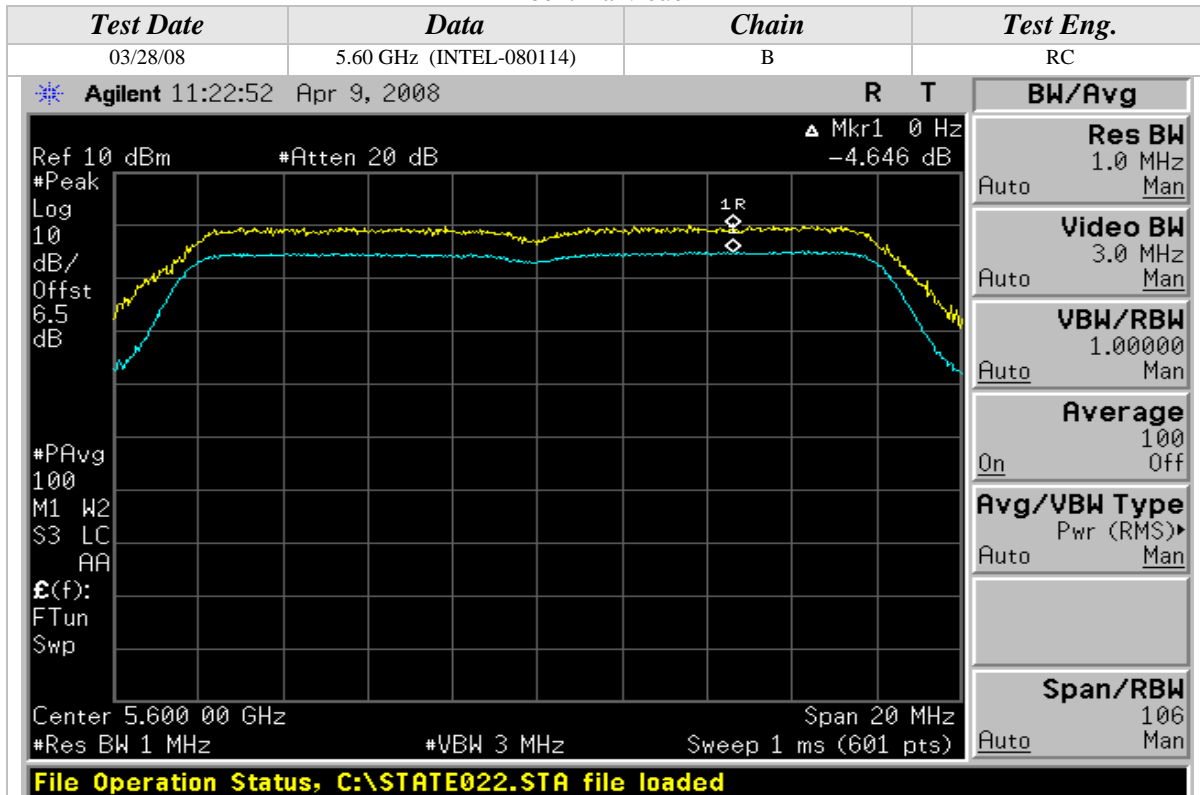
802.11a Mode





Peak Excursion (Continued)

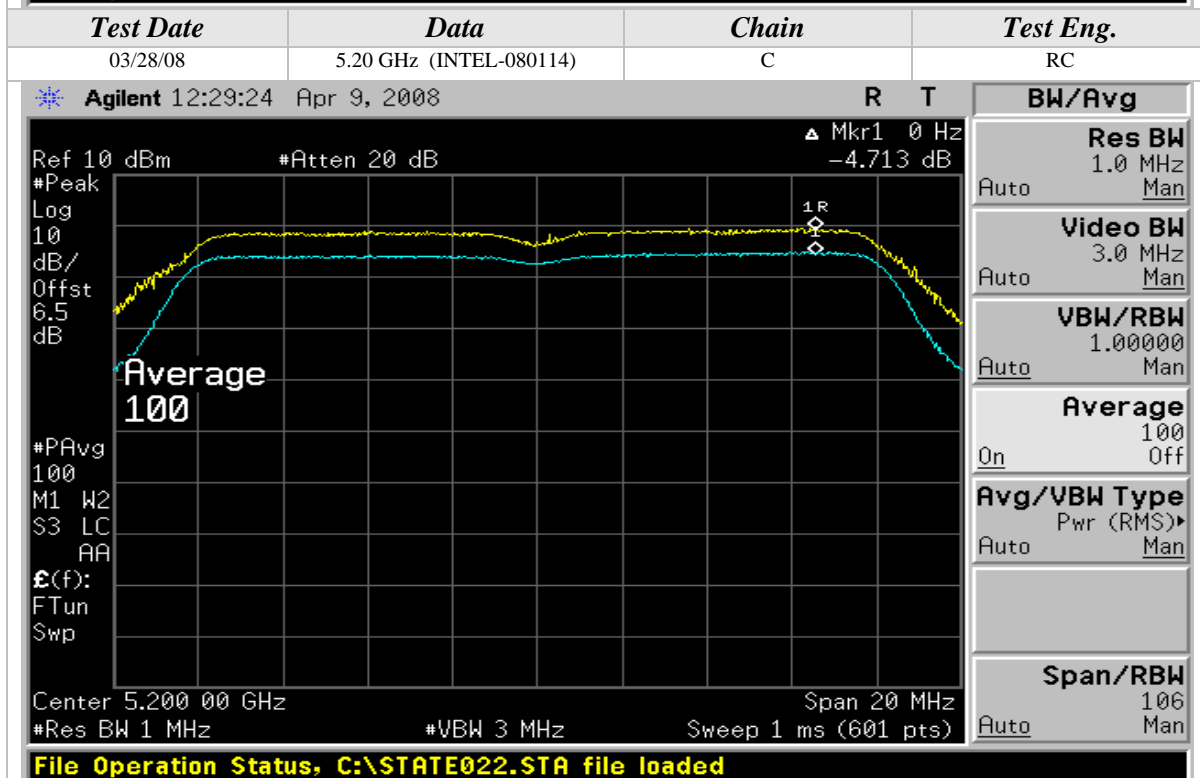
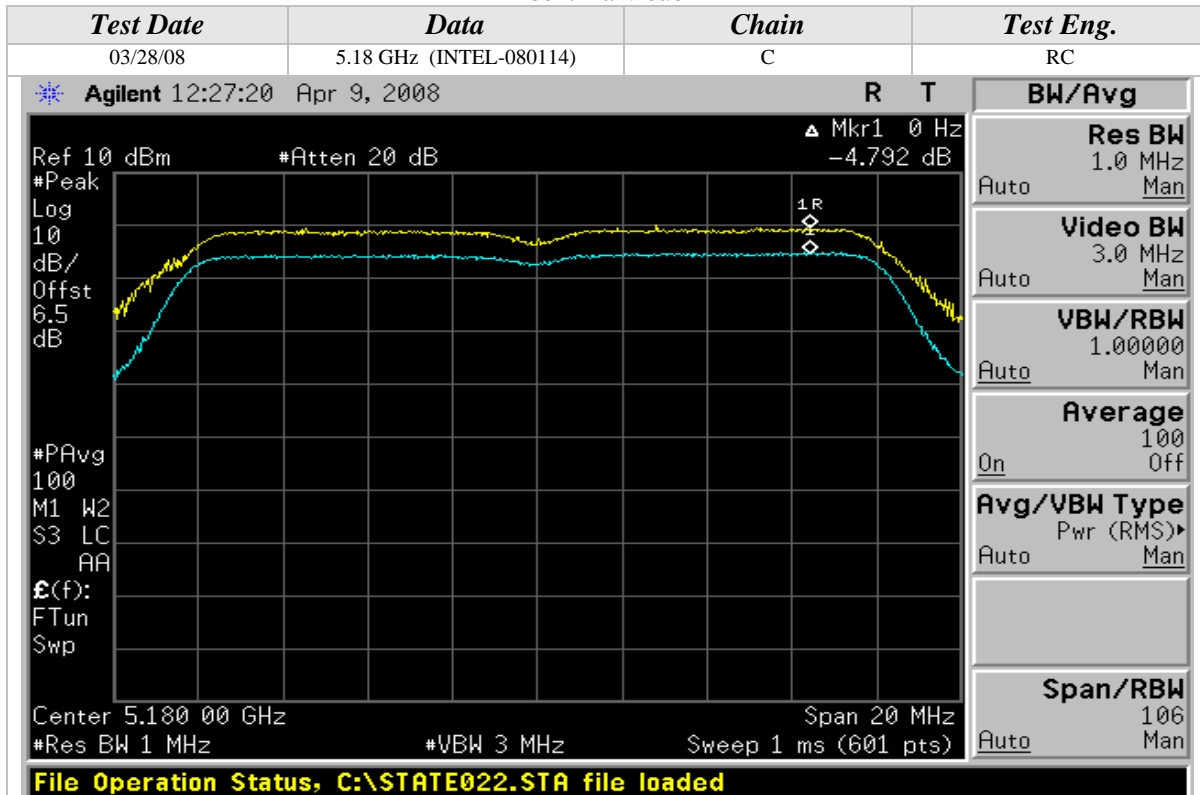
802.11a Mode





Peak Excursion (Continued)

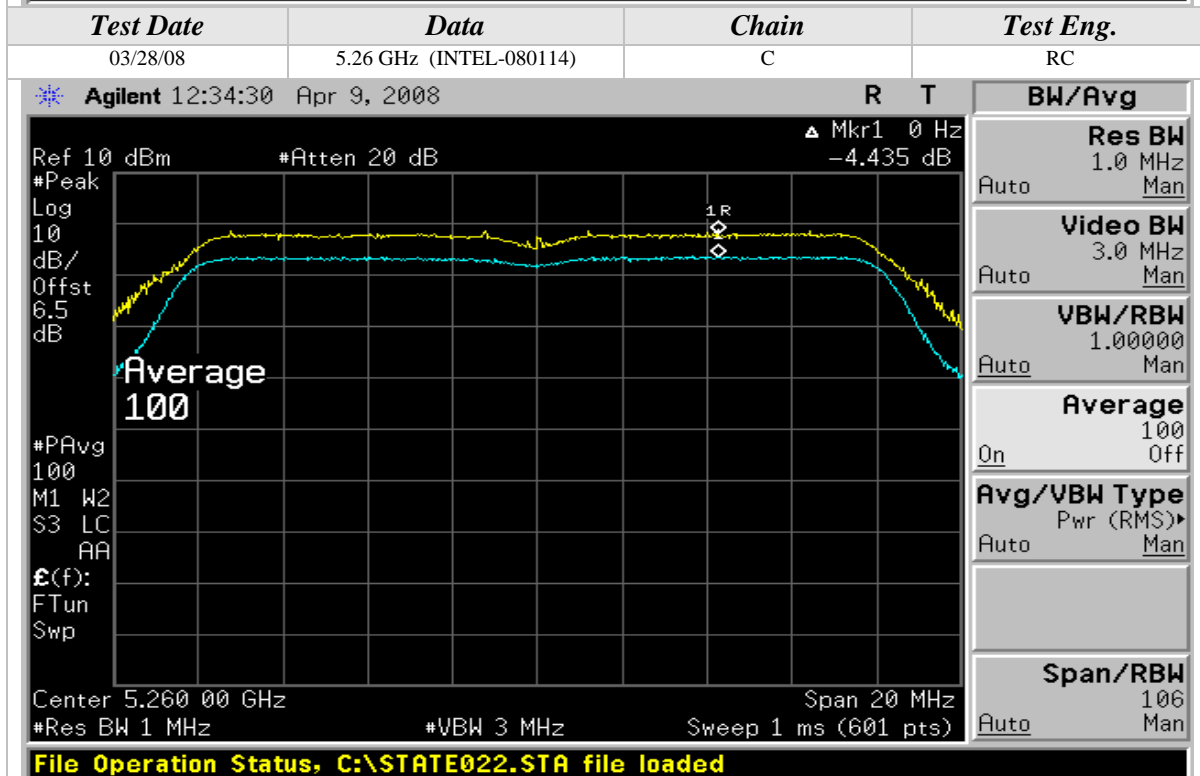
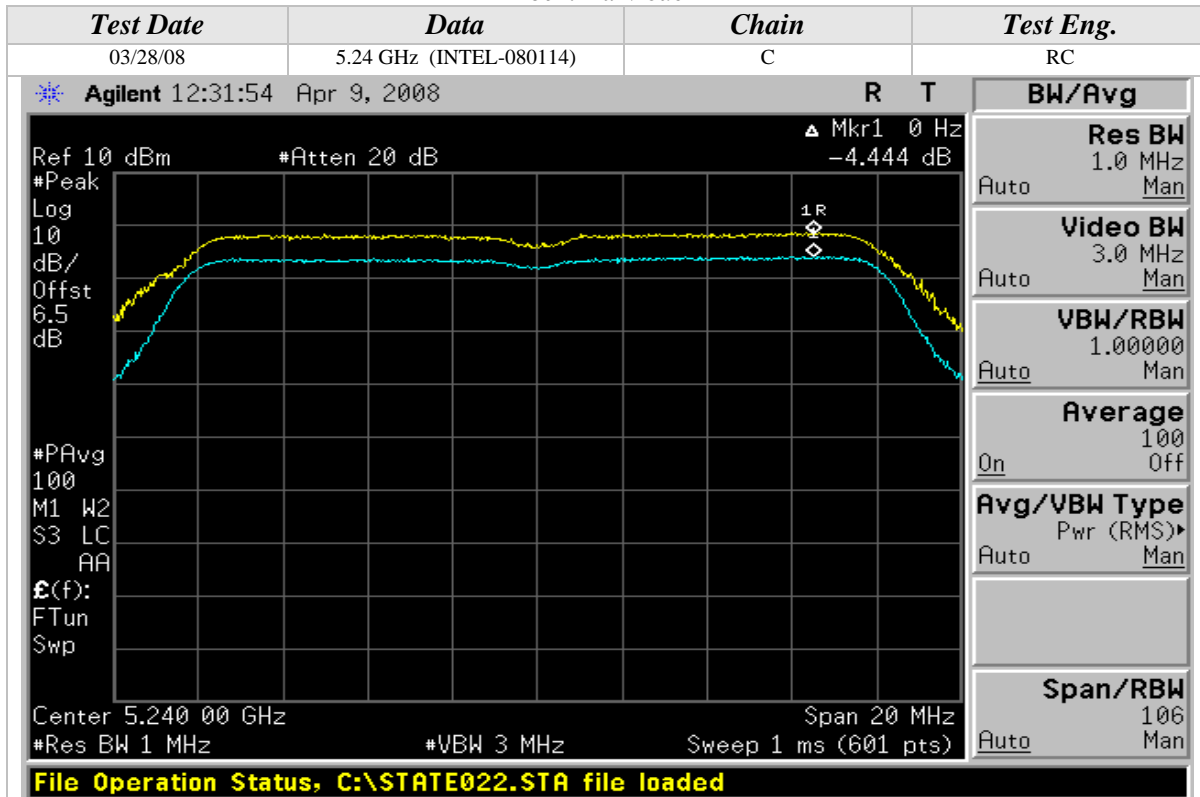
802.11a Mode





Peak Excursion (Continued)

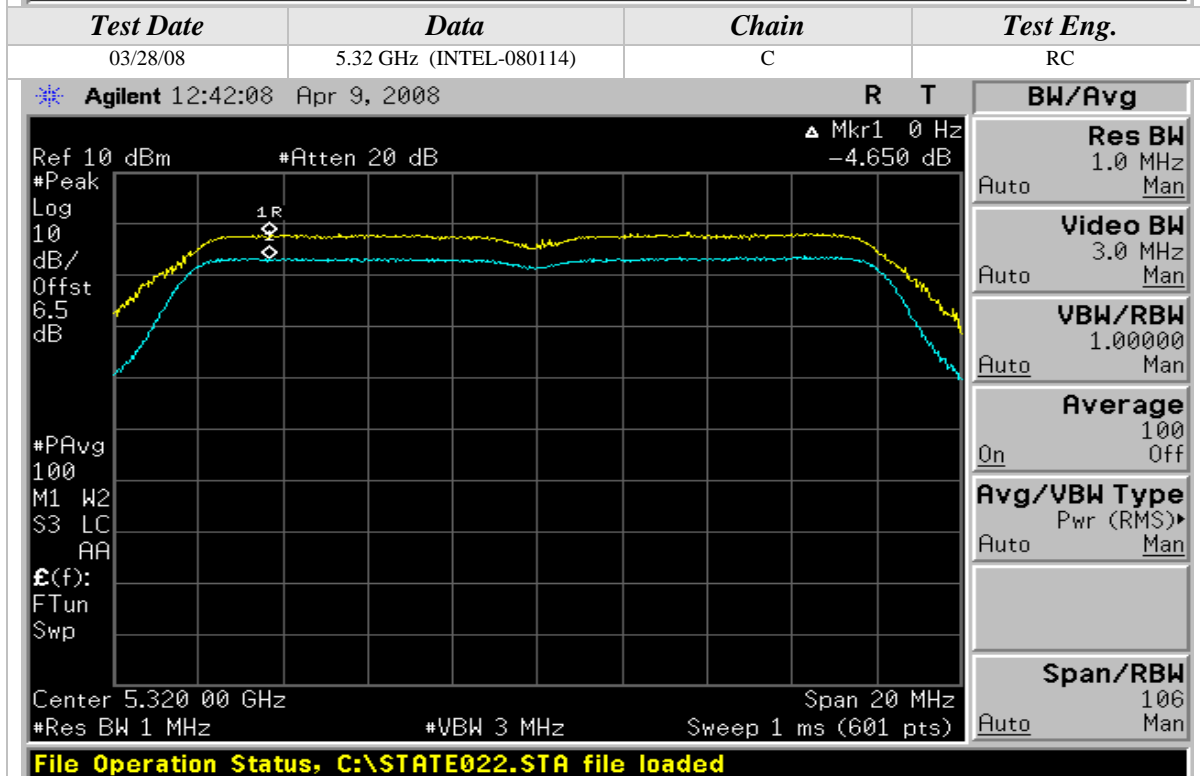
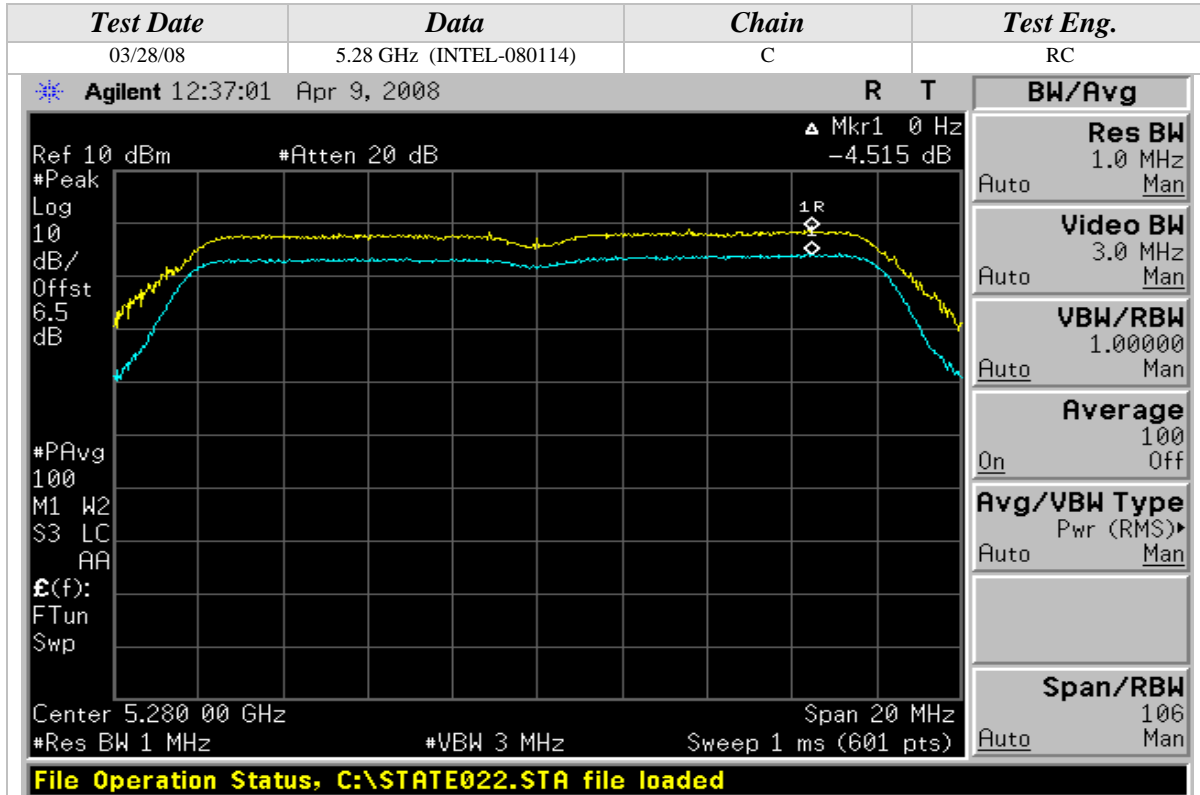
802.11a Mode





Peak Excursion (Continued)

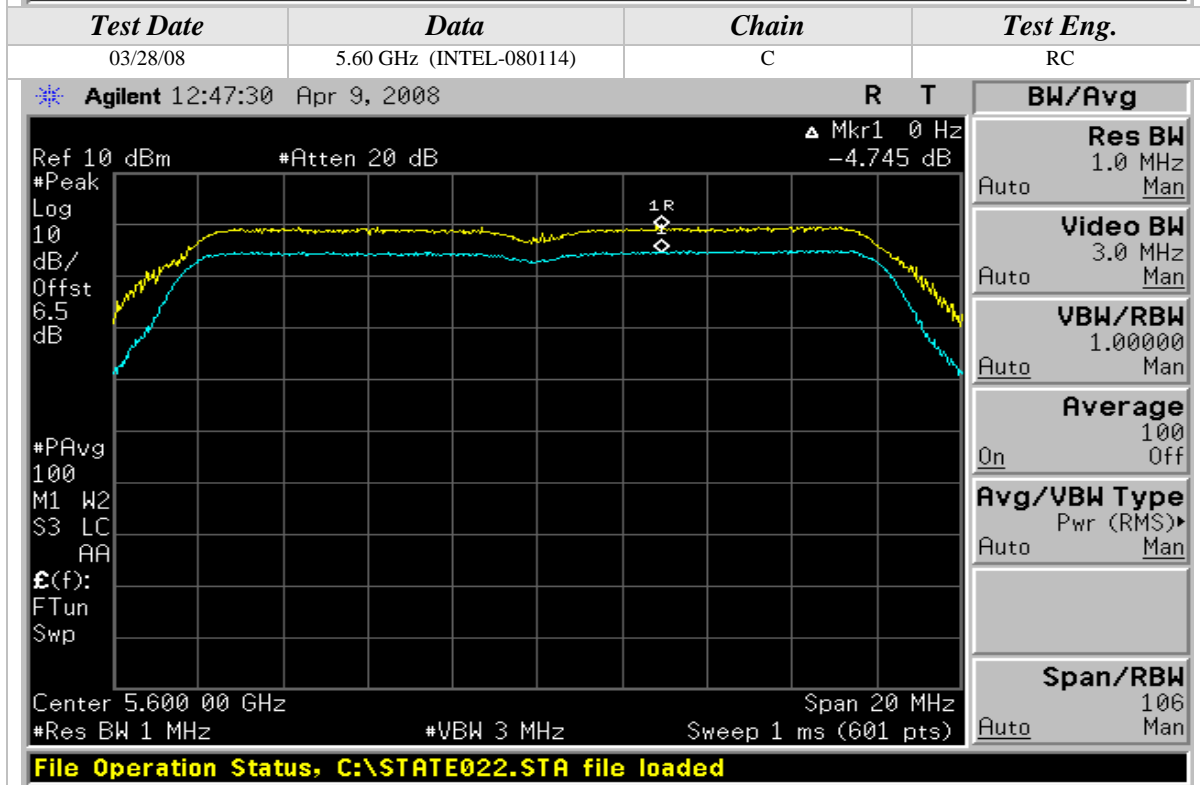
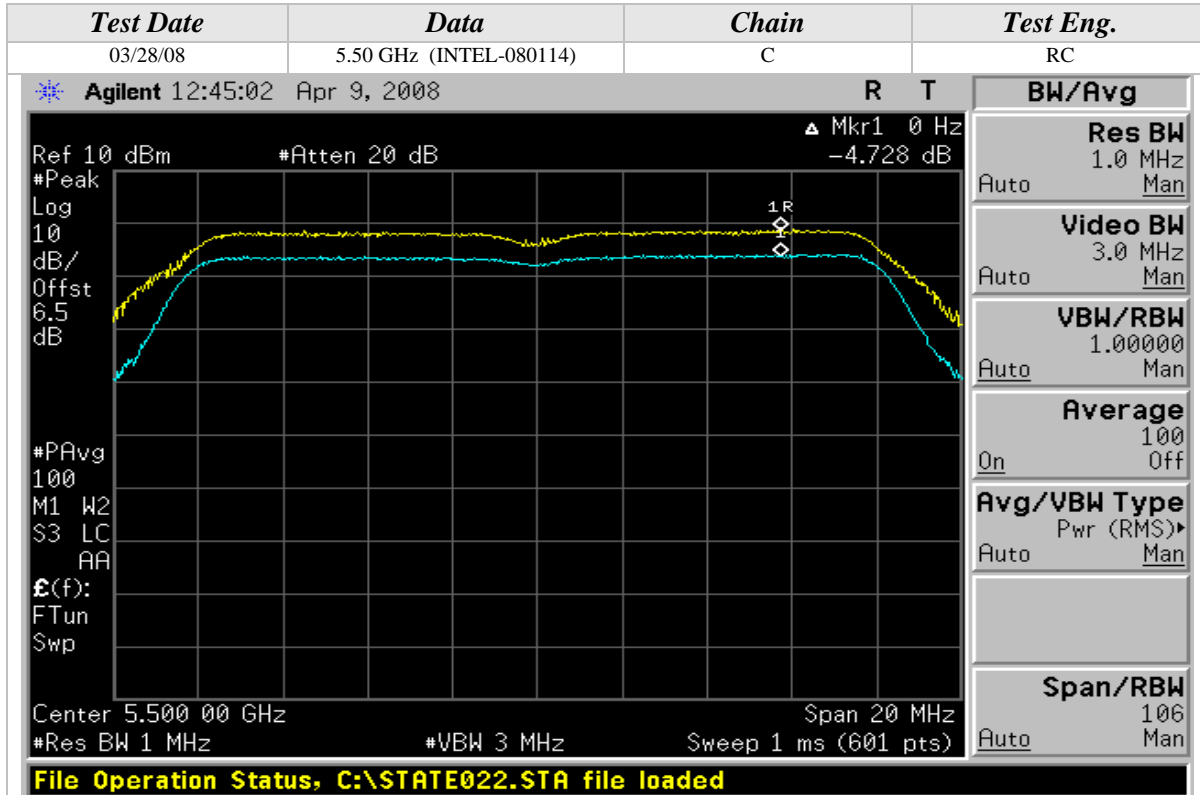
802.11a Mode





Peak Excursion (Continued)

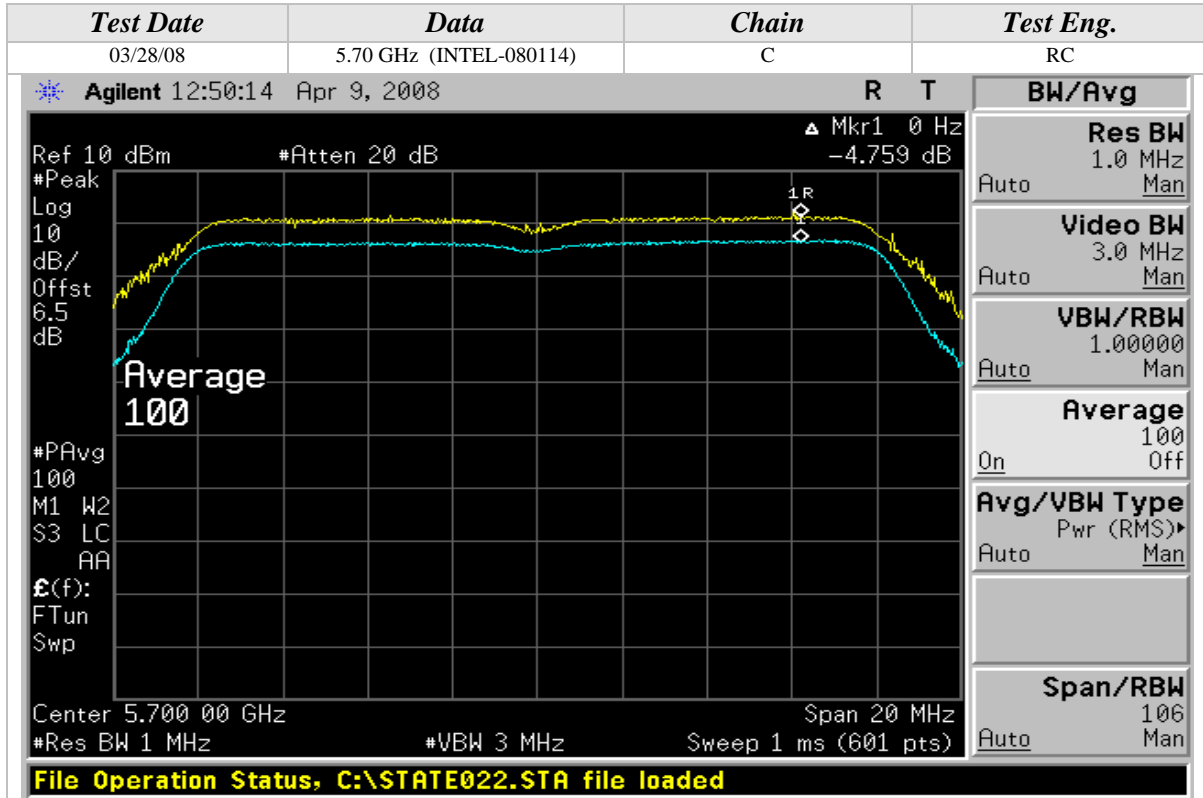
802.11a Mode





Peak Excursion (Continued)

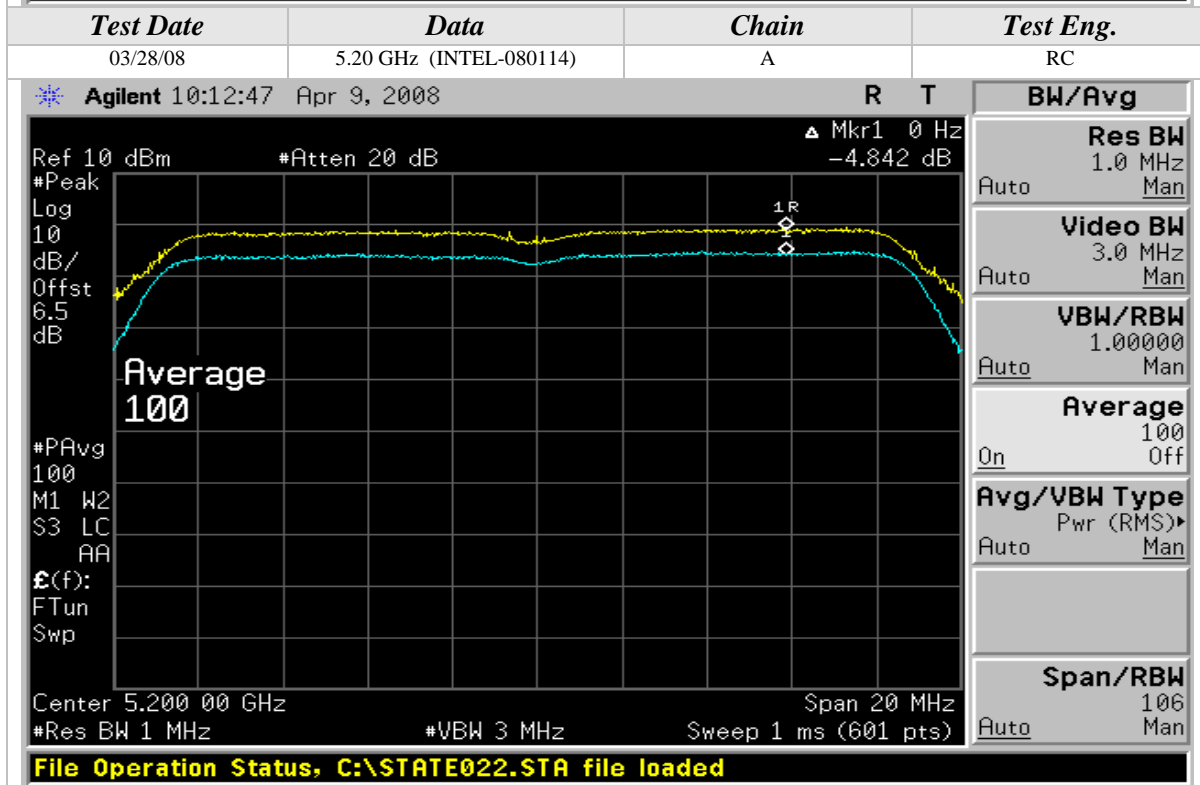
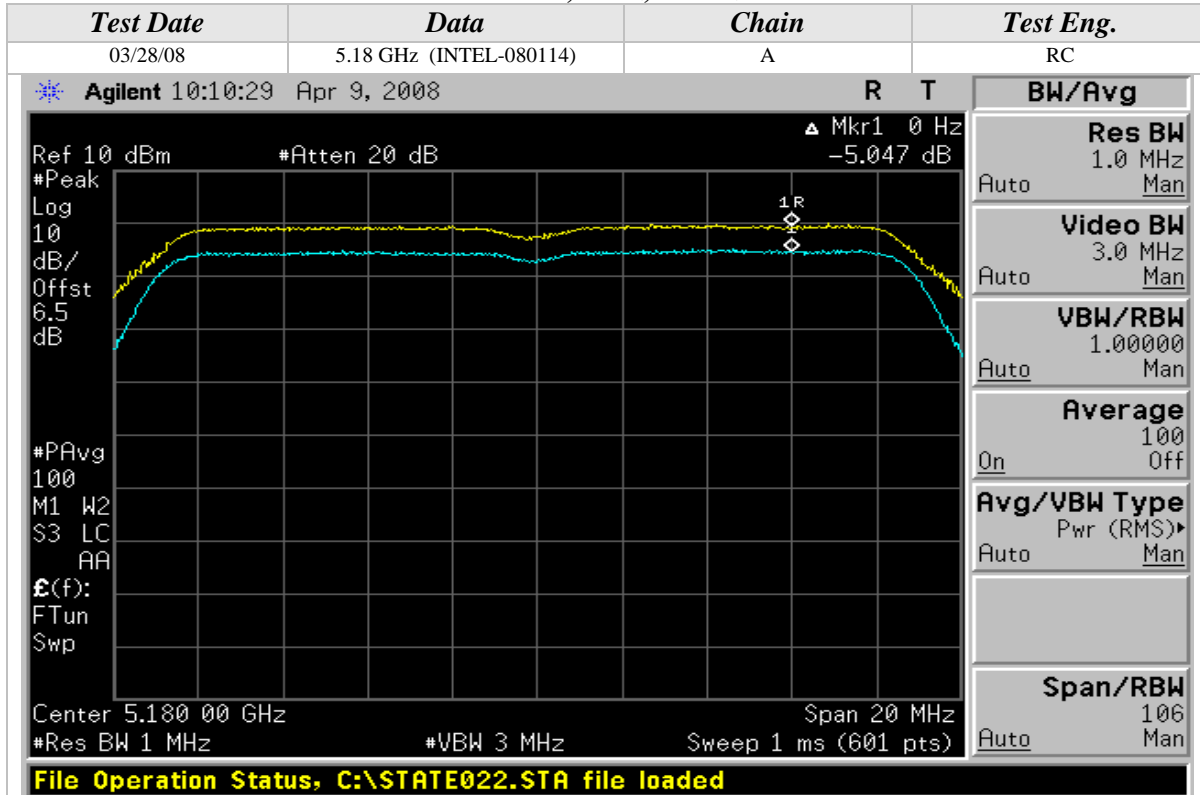
802.11a Mode





Peak Excursion (Continued)

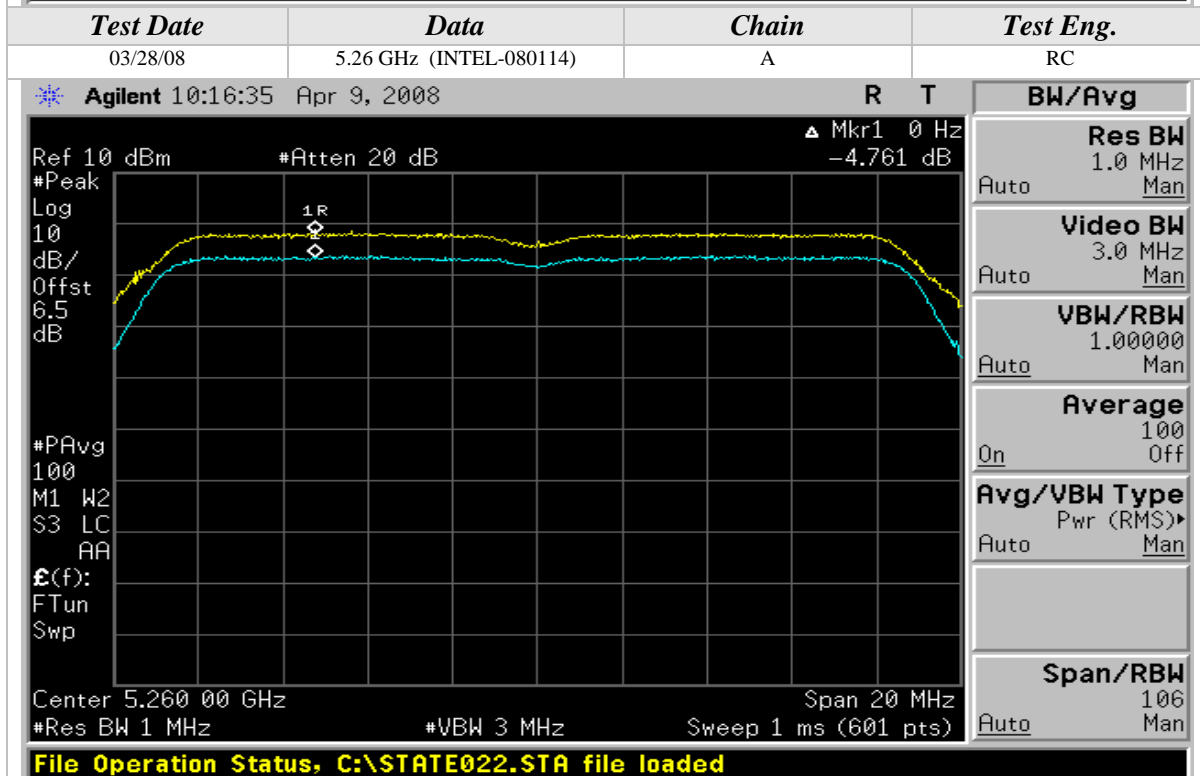
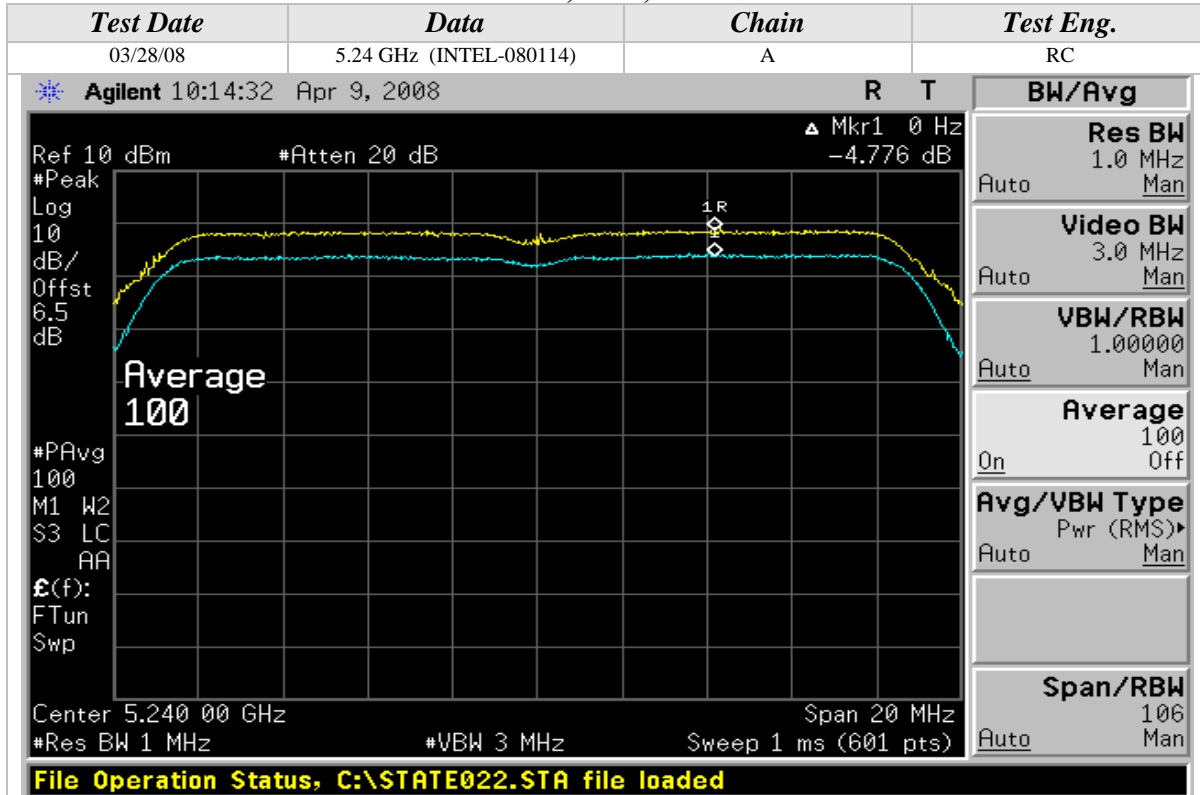
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

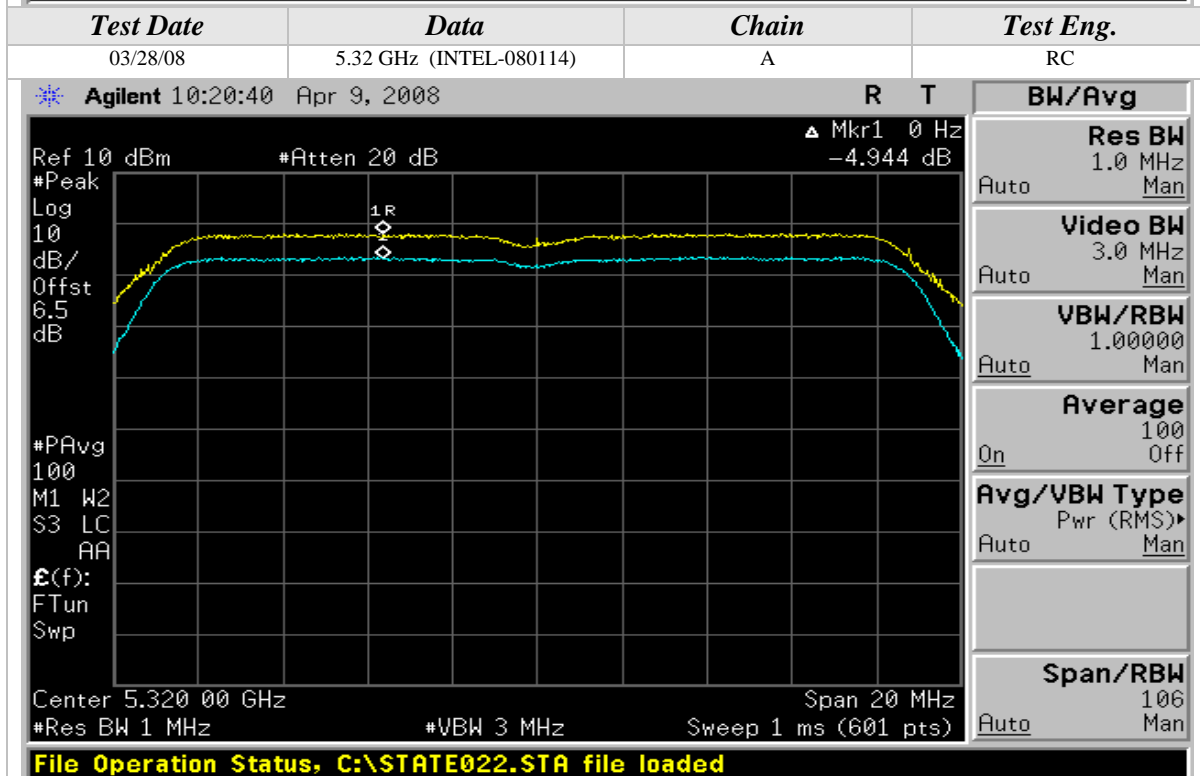
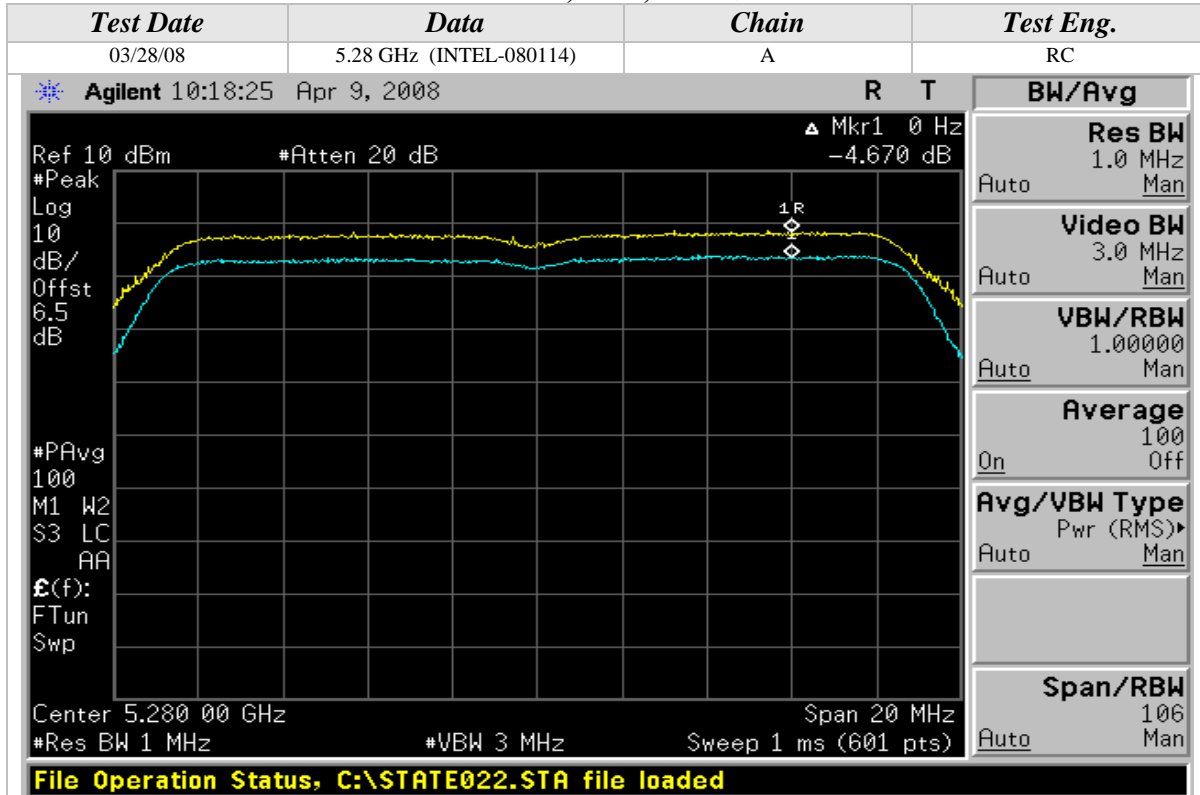
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

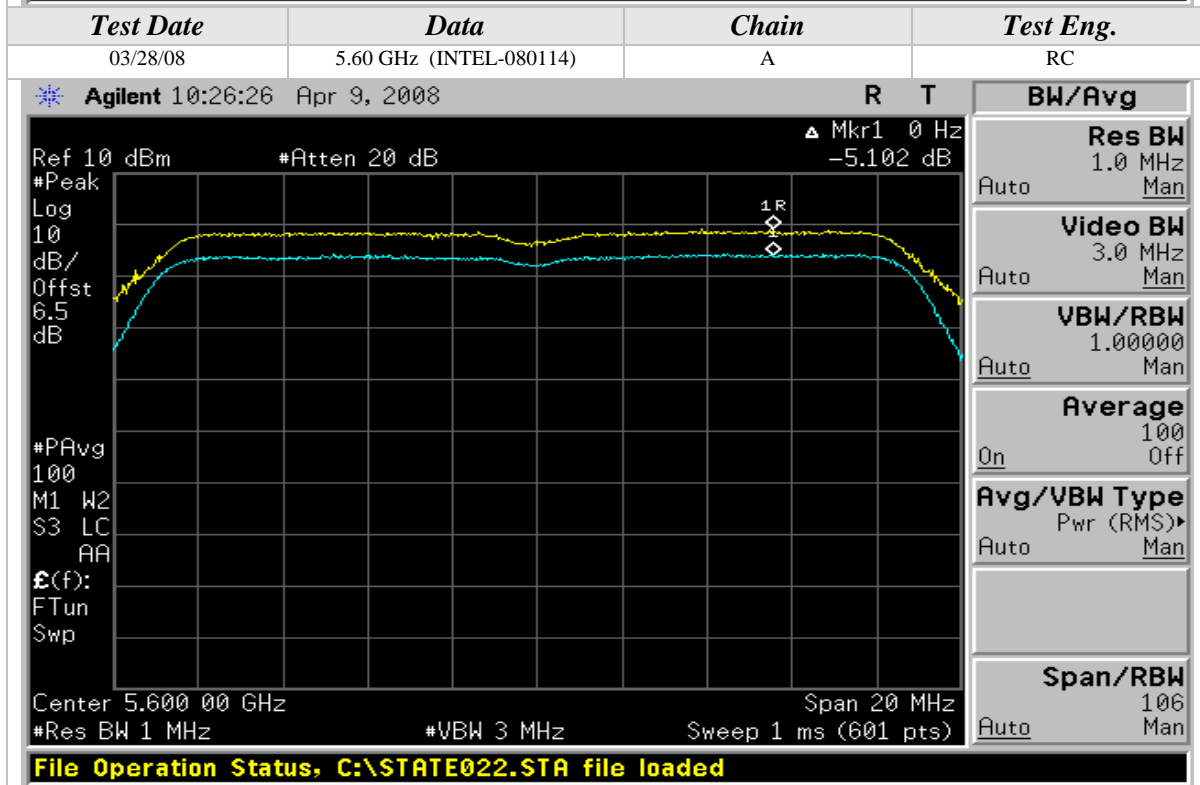
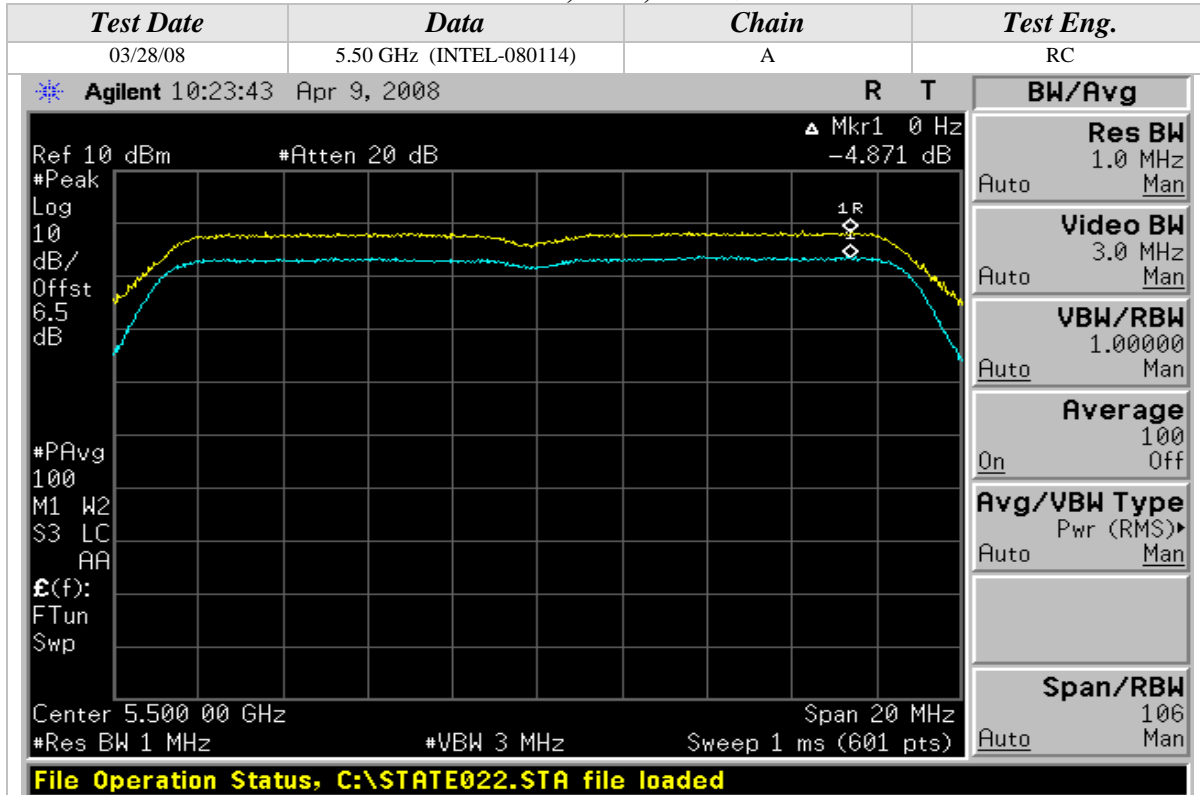
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

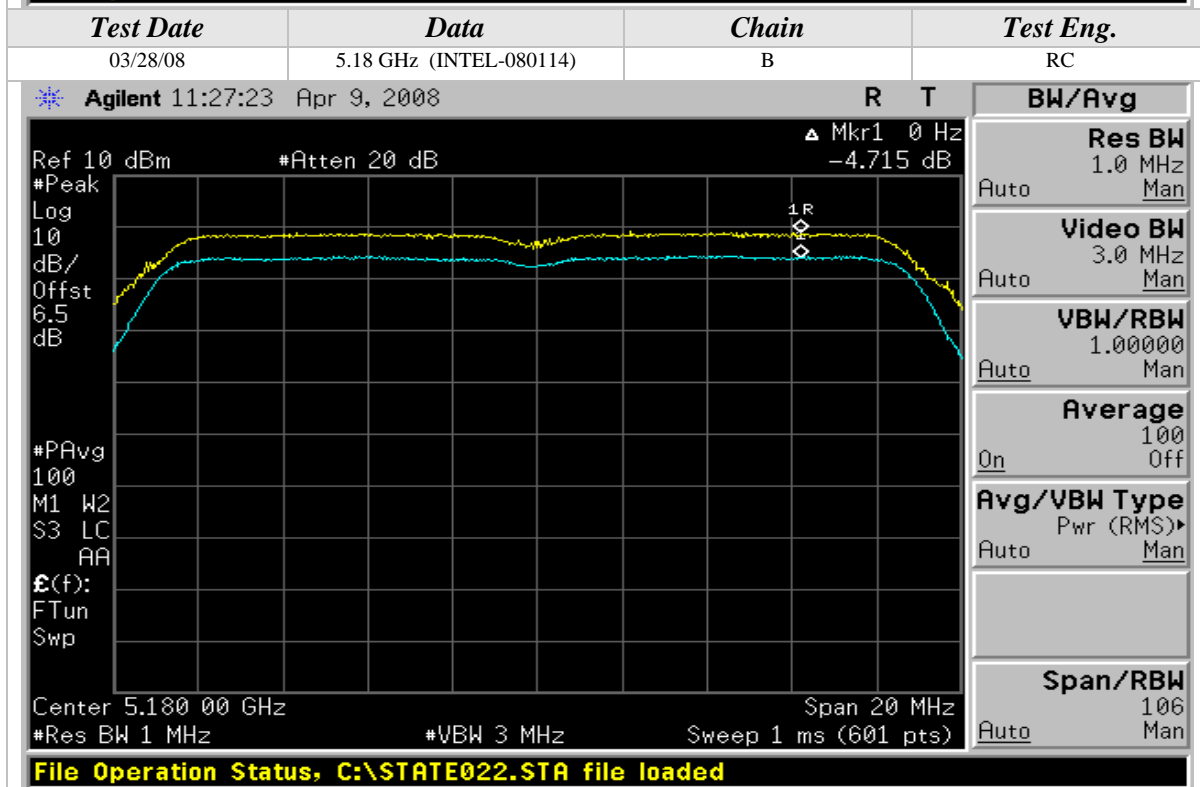
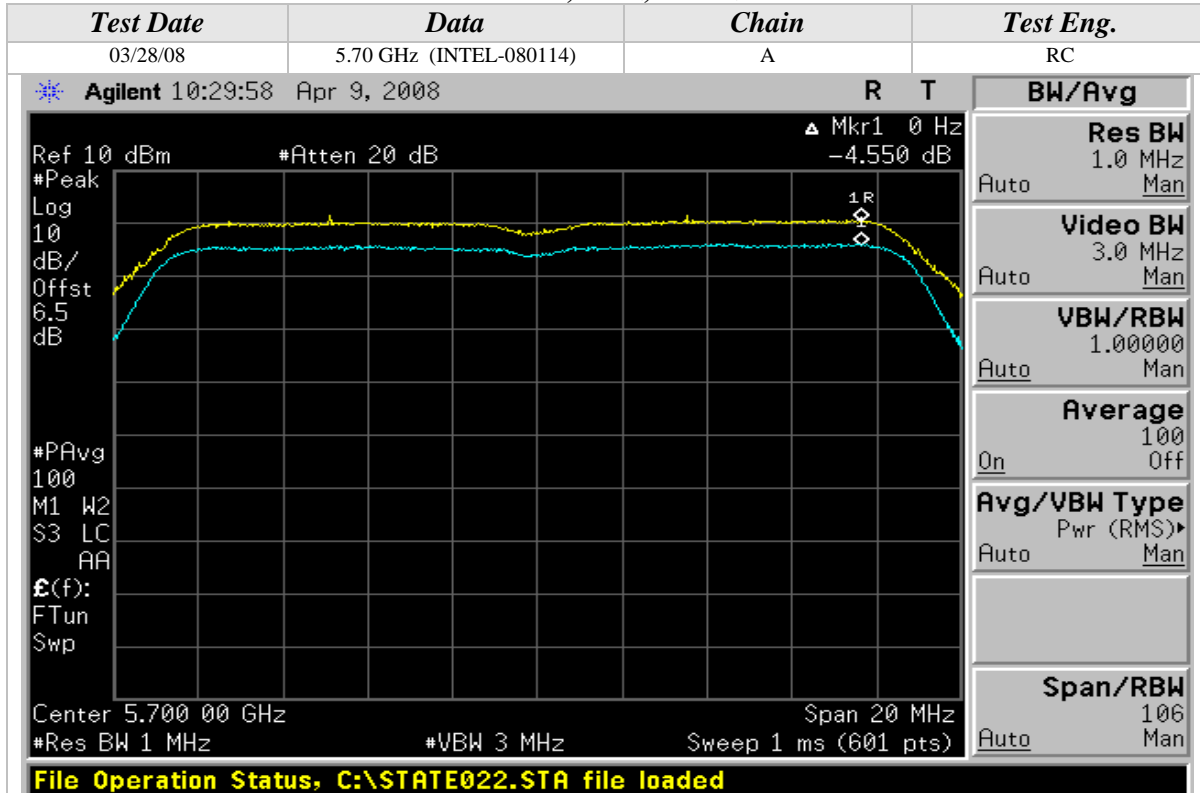
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

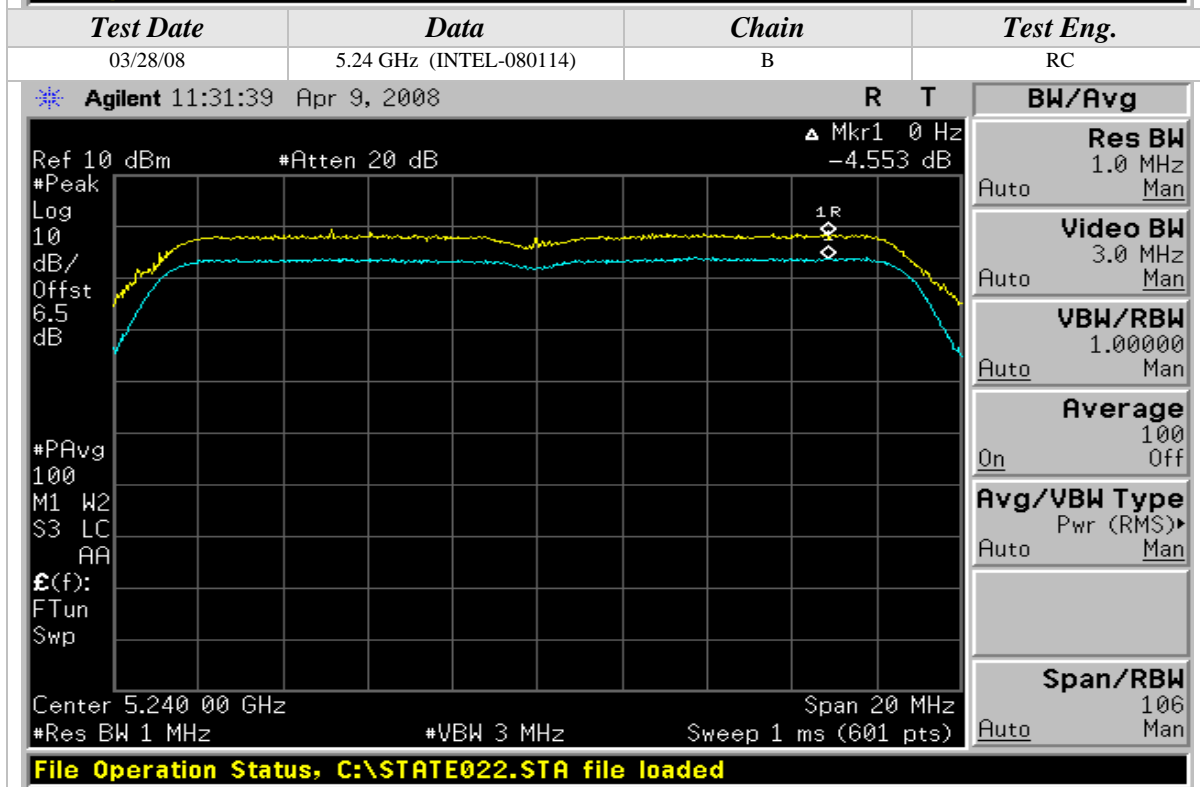
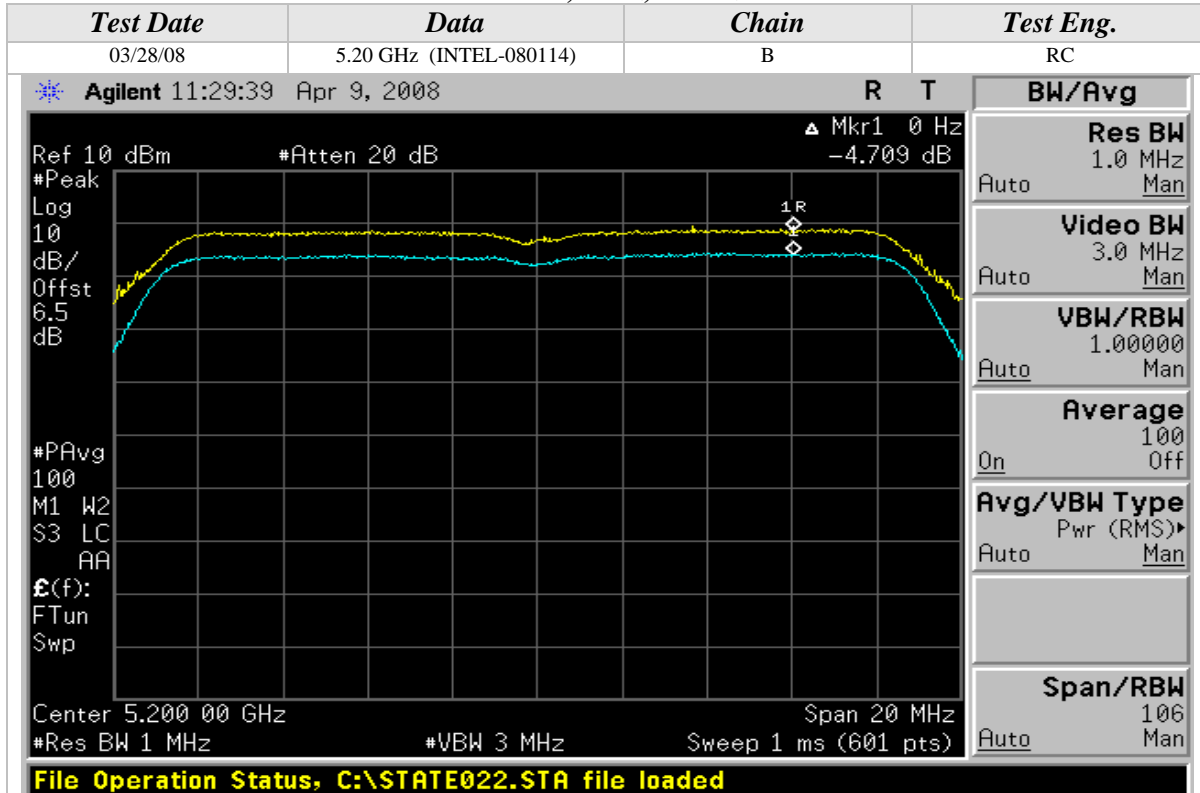
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

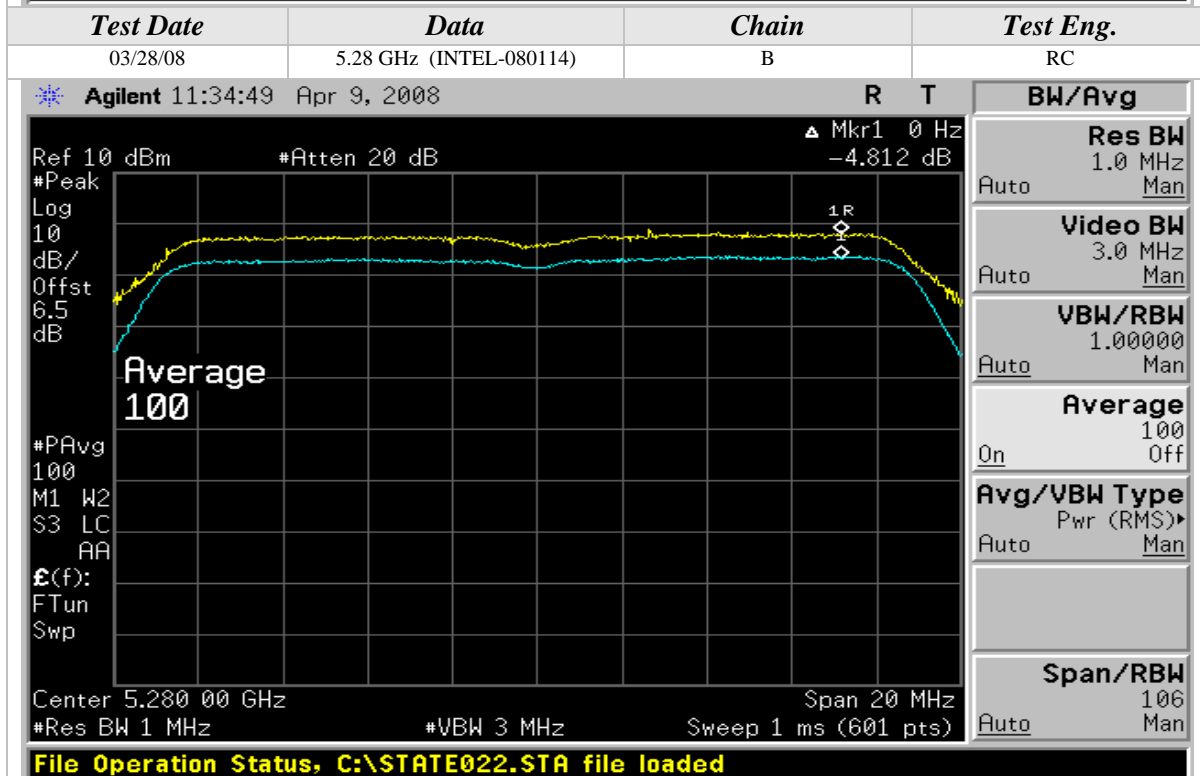
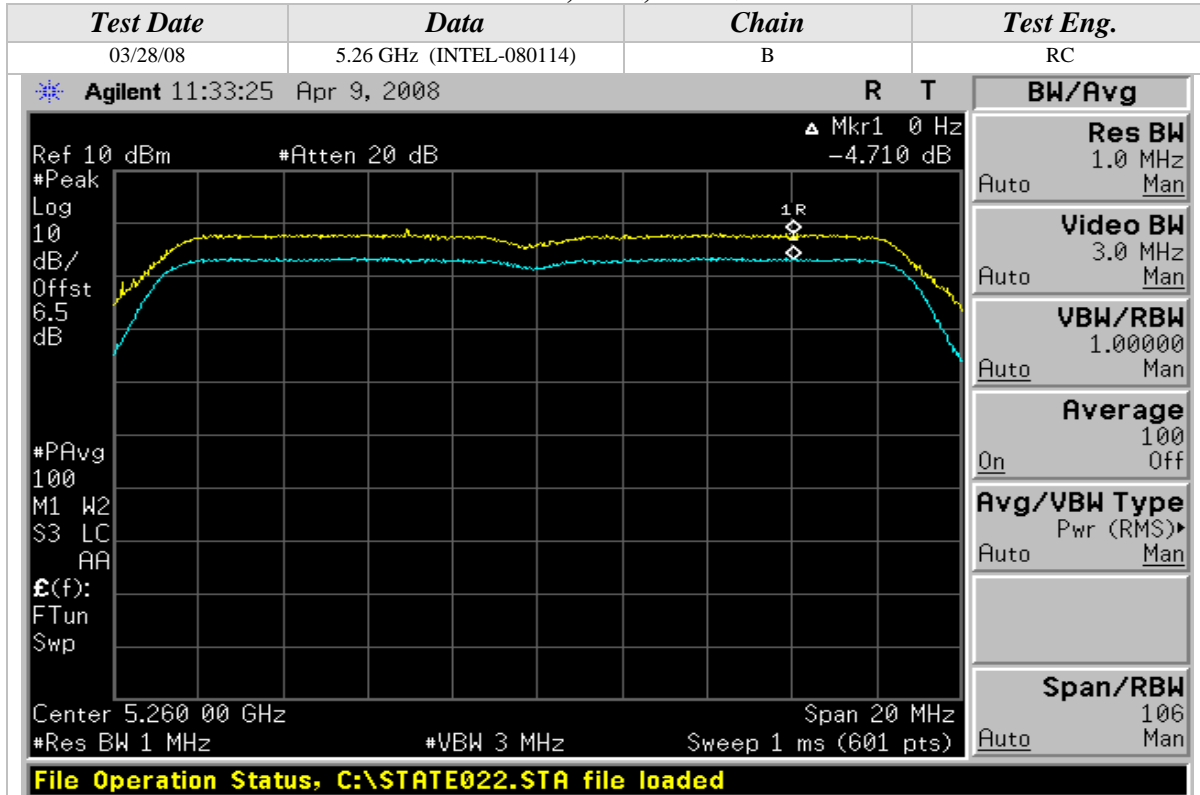
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

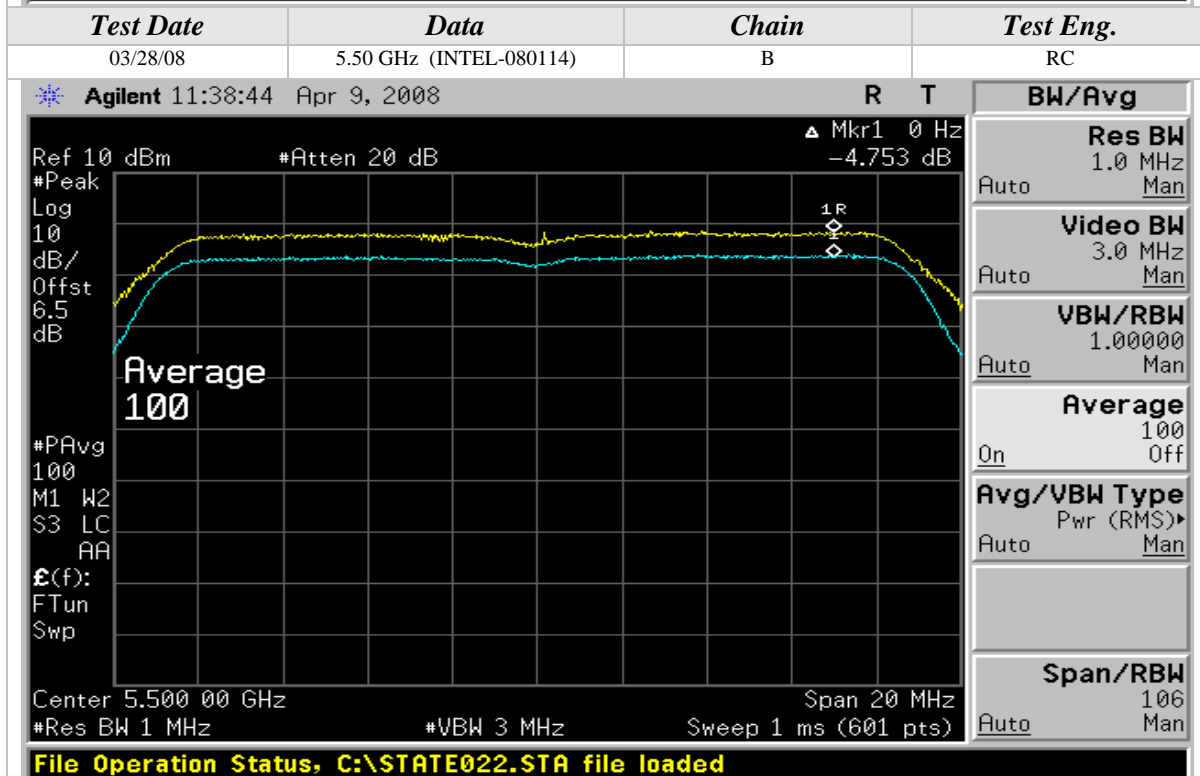
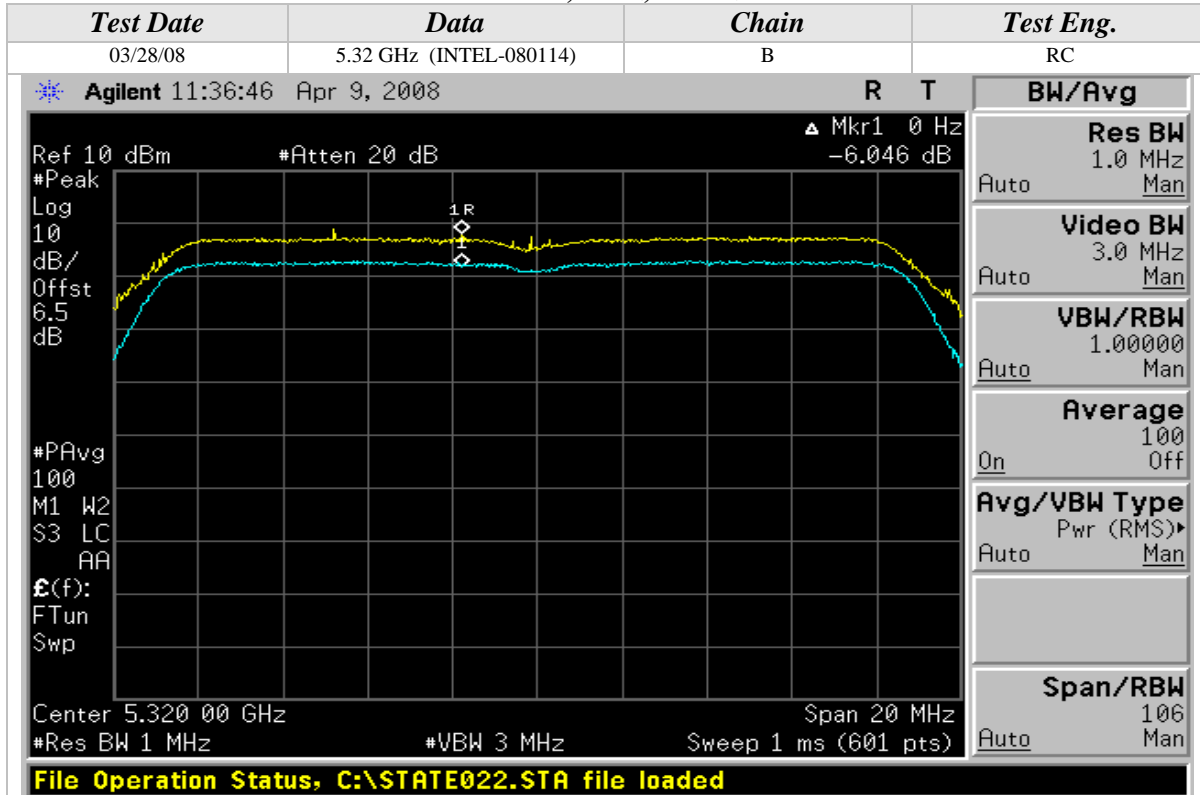
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

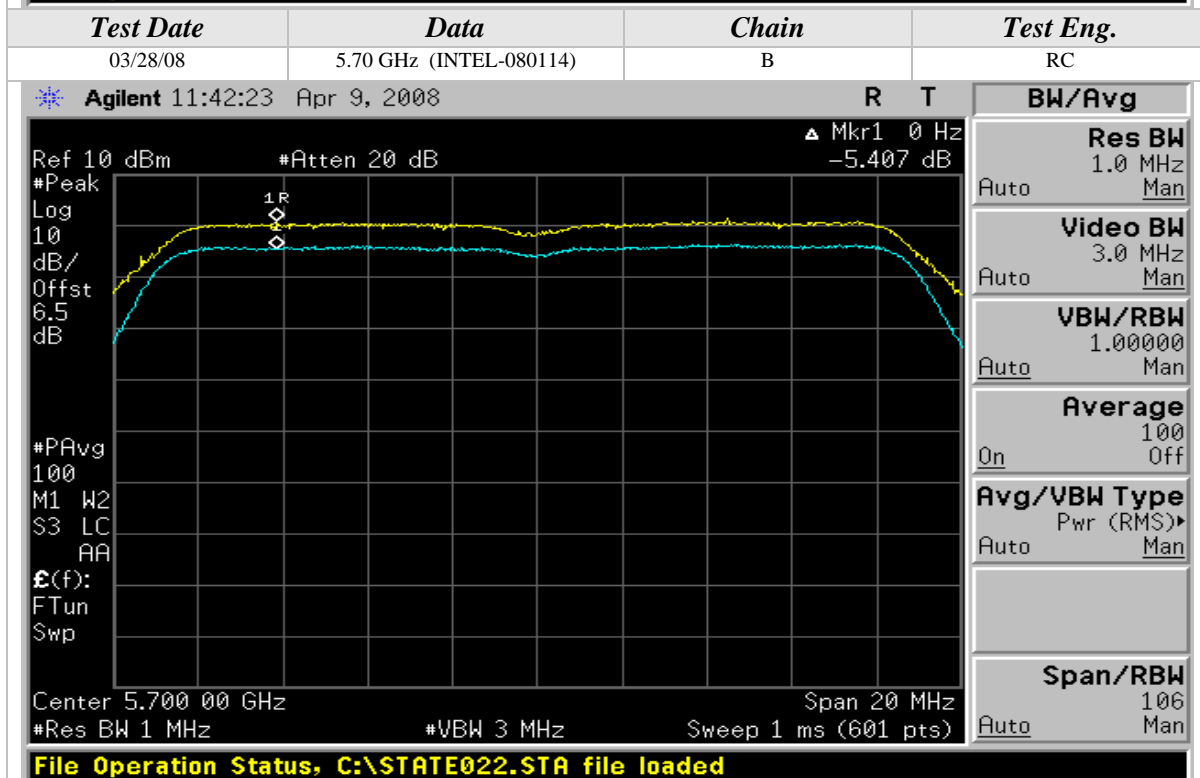
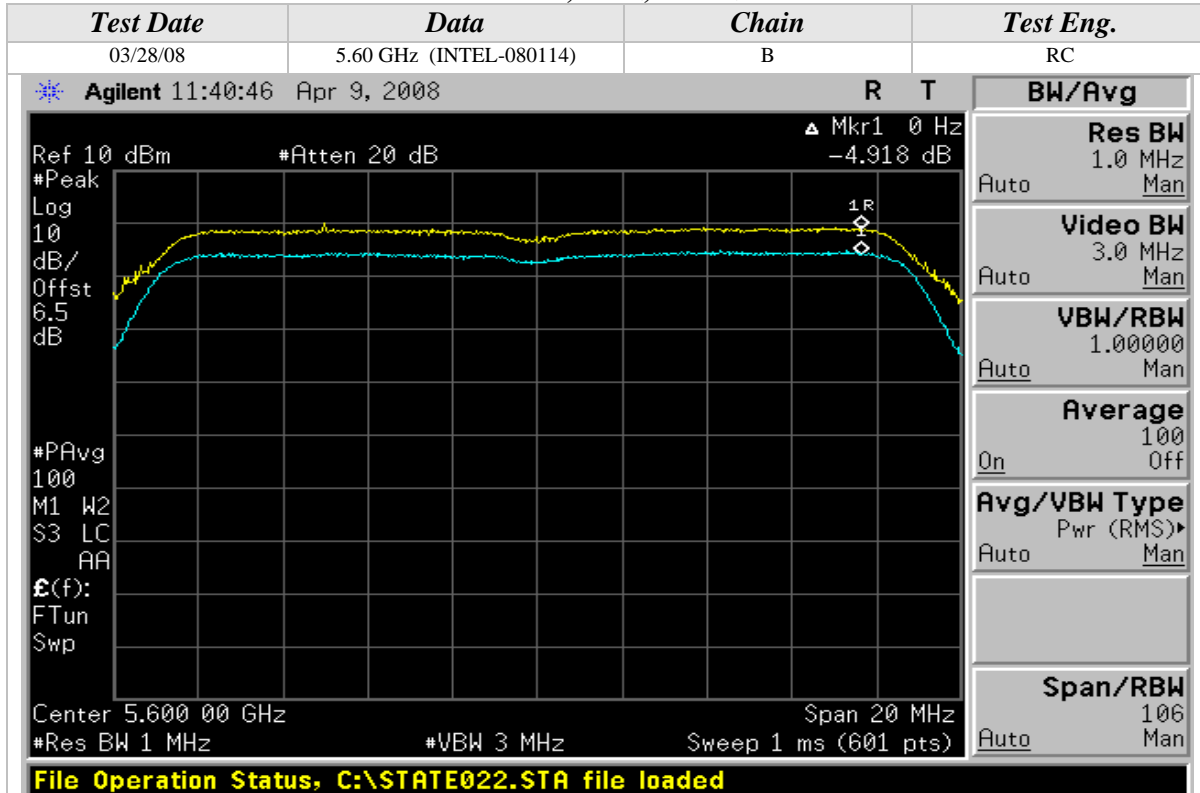
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

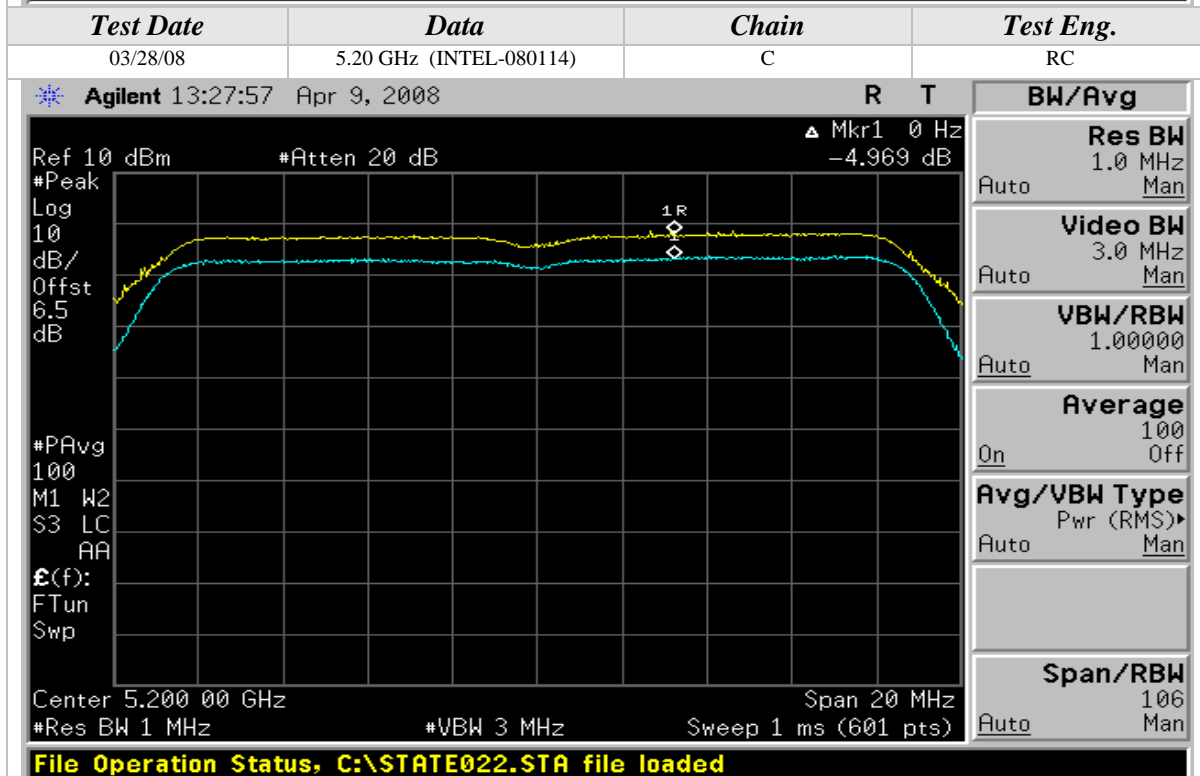
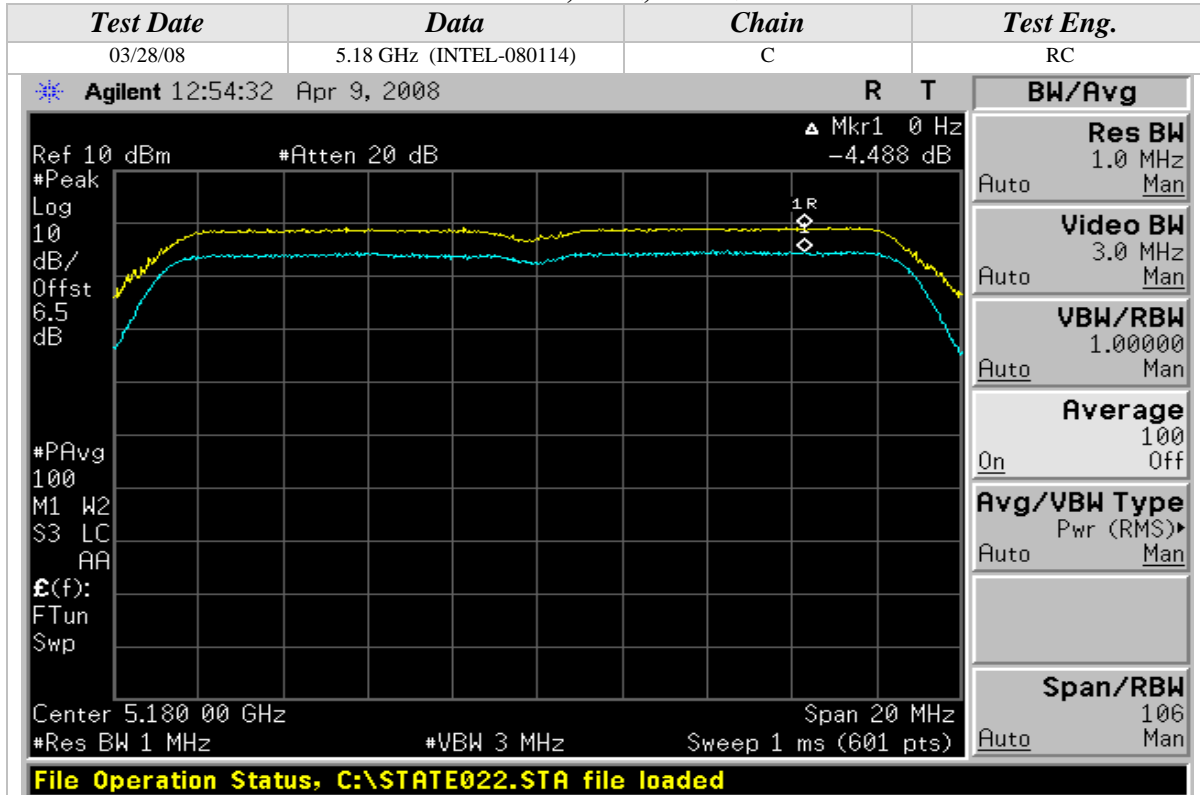
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

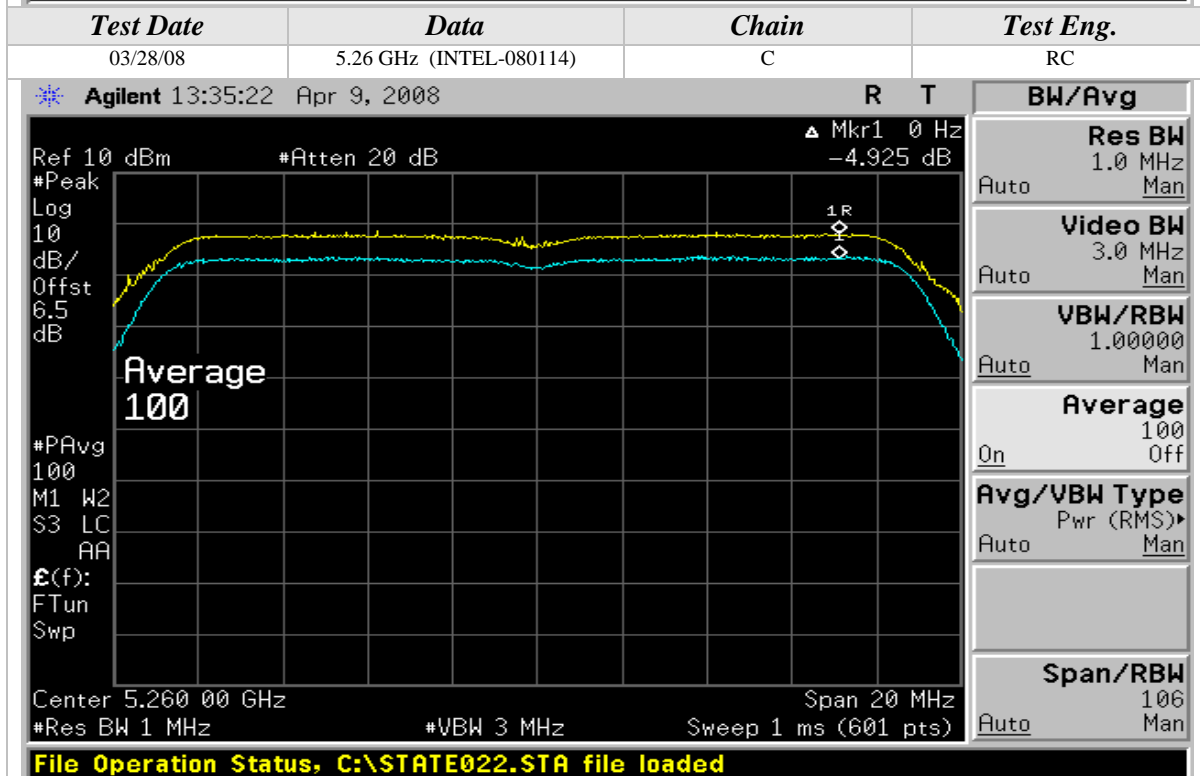
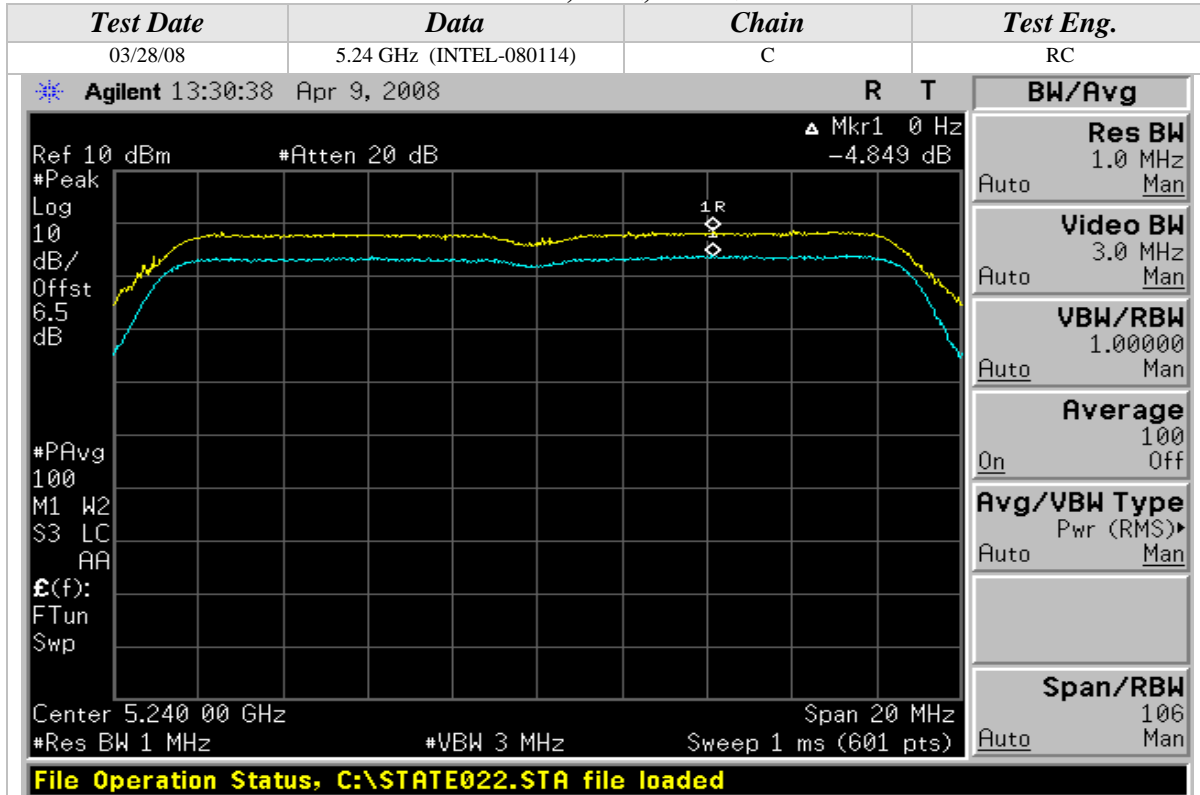
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

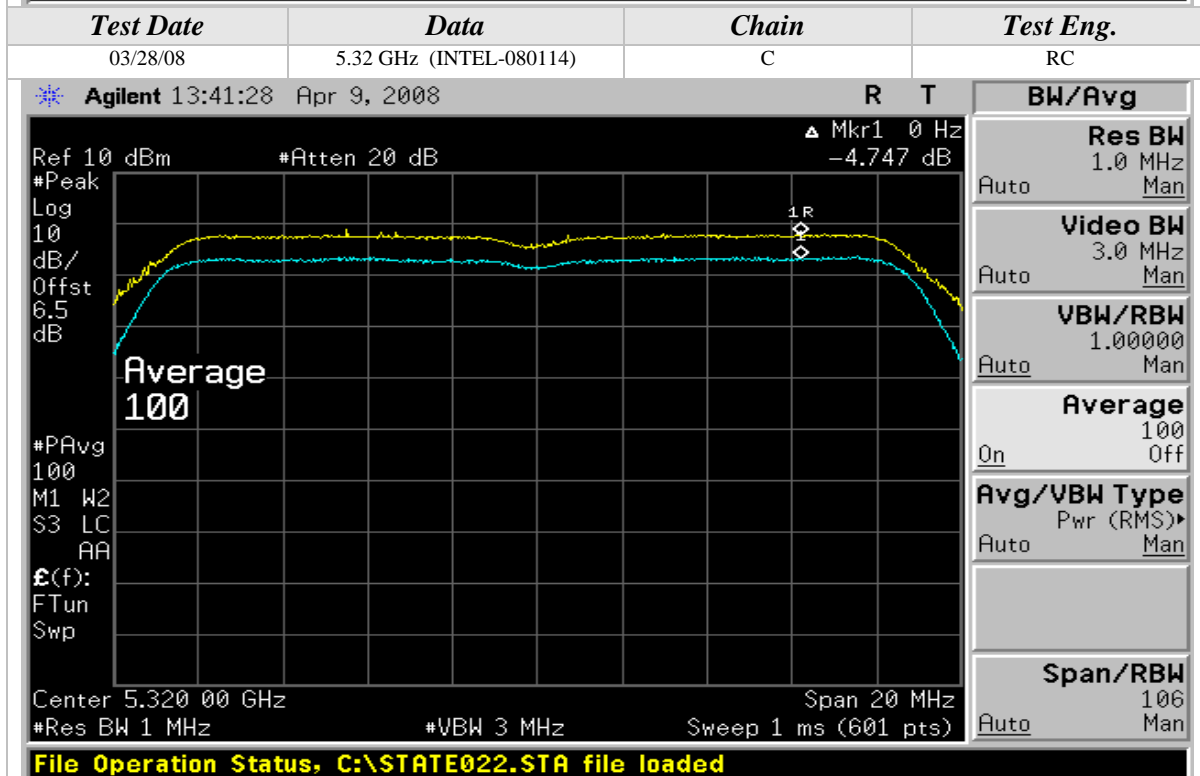
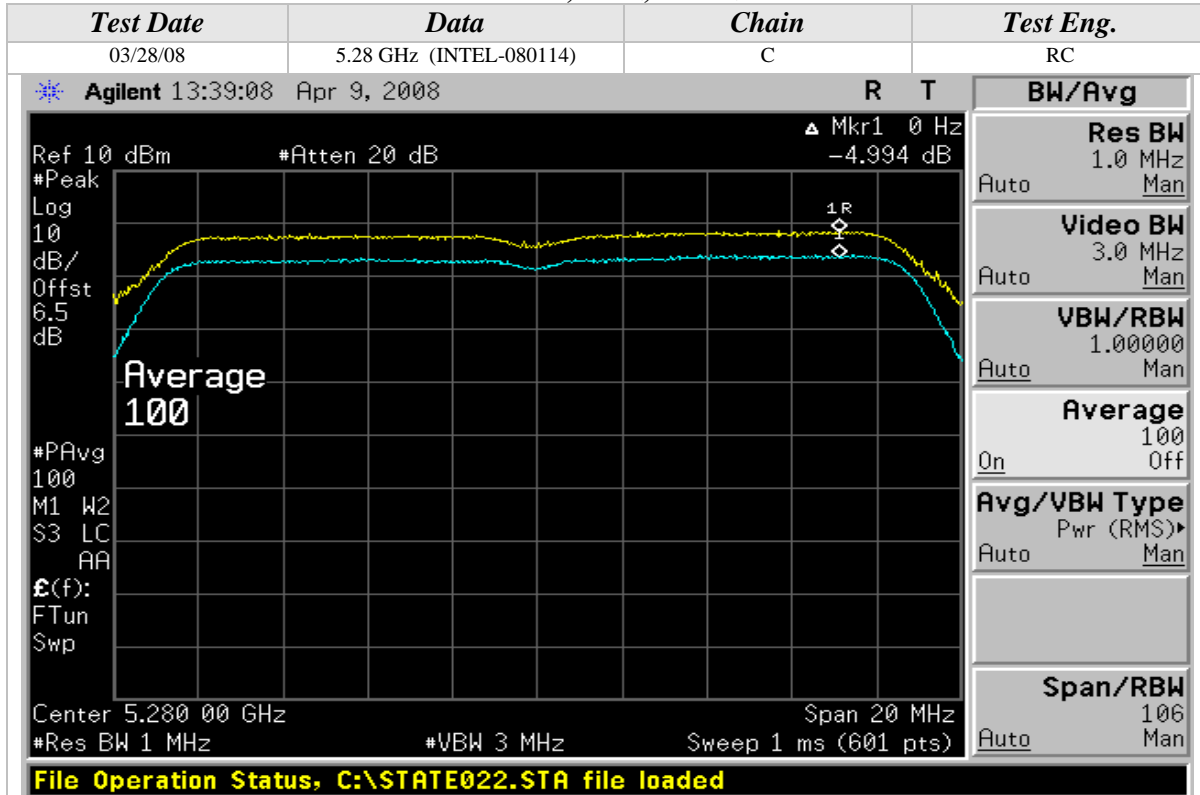
802.11n Mode, 5GHz, 20MHz Wide





Peak Excursion (Continued)

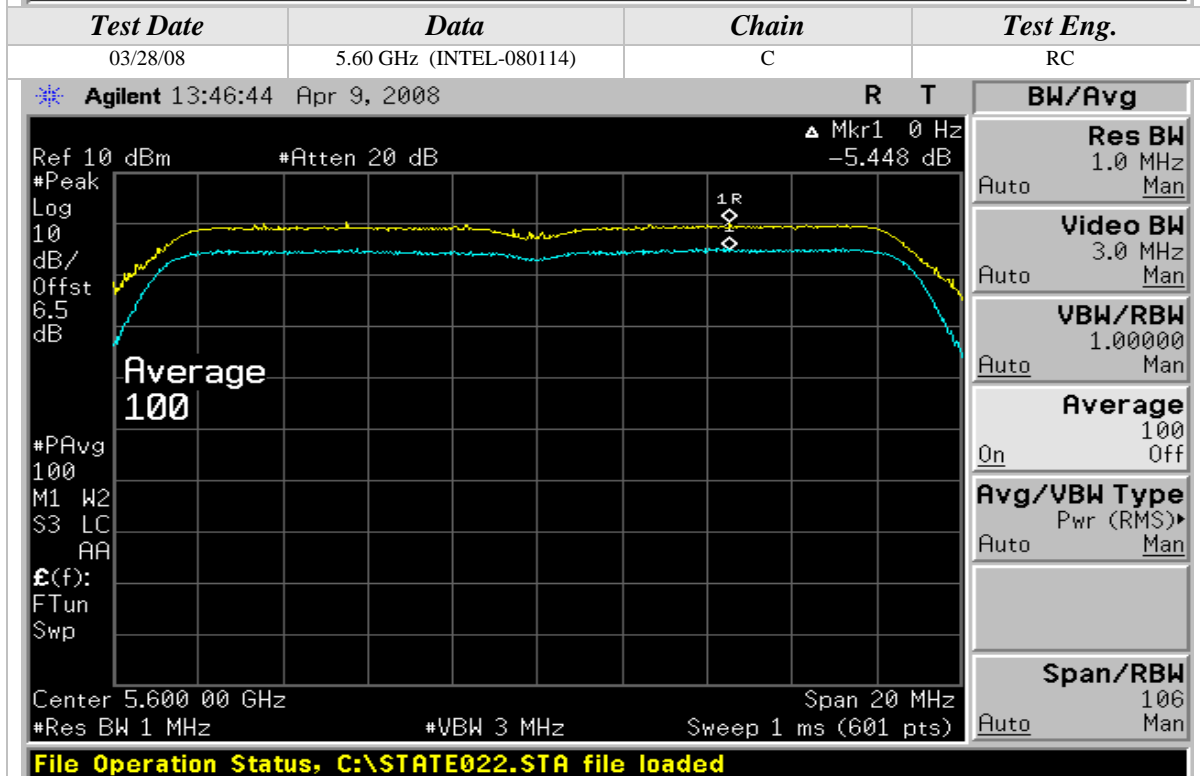
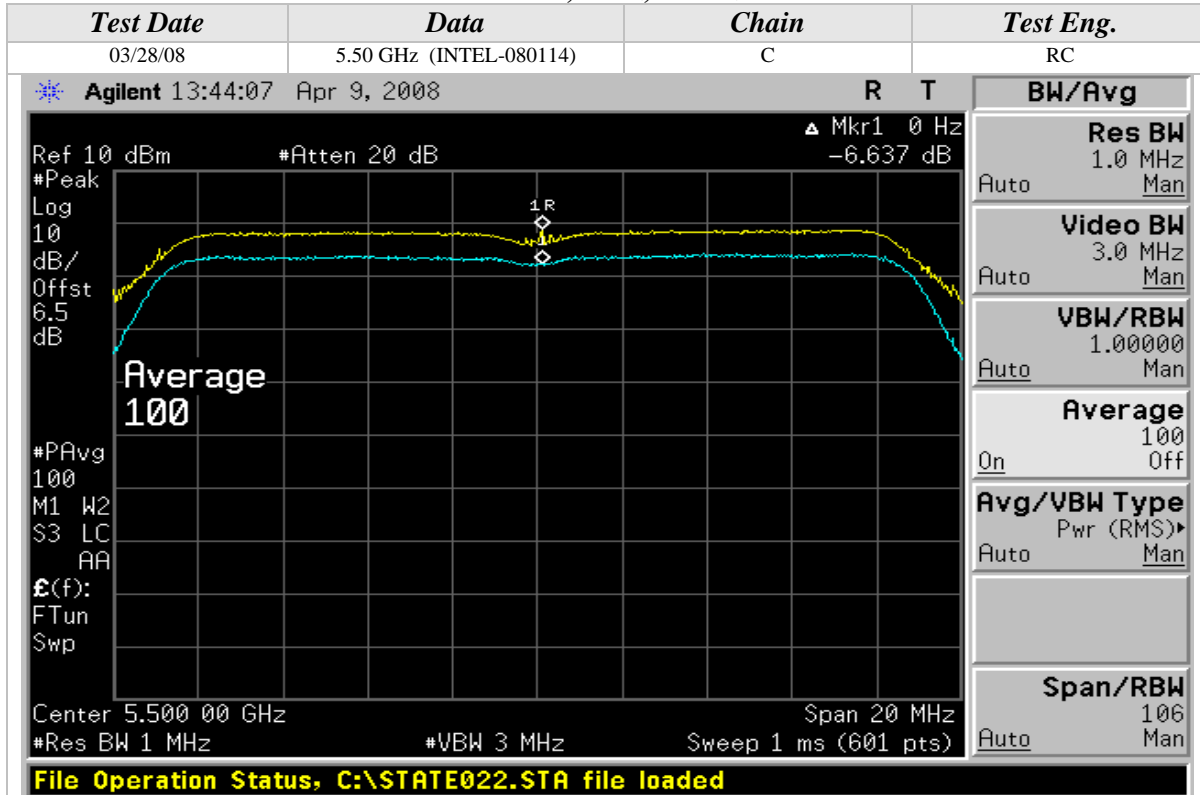
802.11n Mode, 5GHz, 20MHz Wide





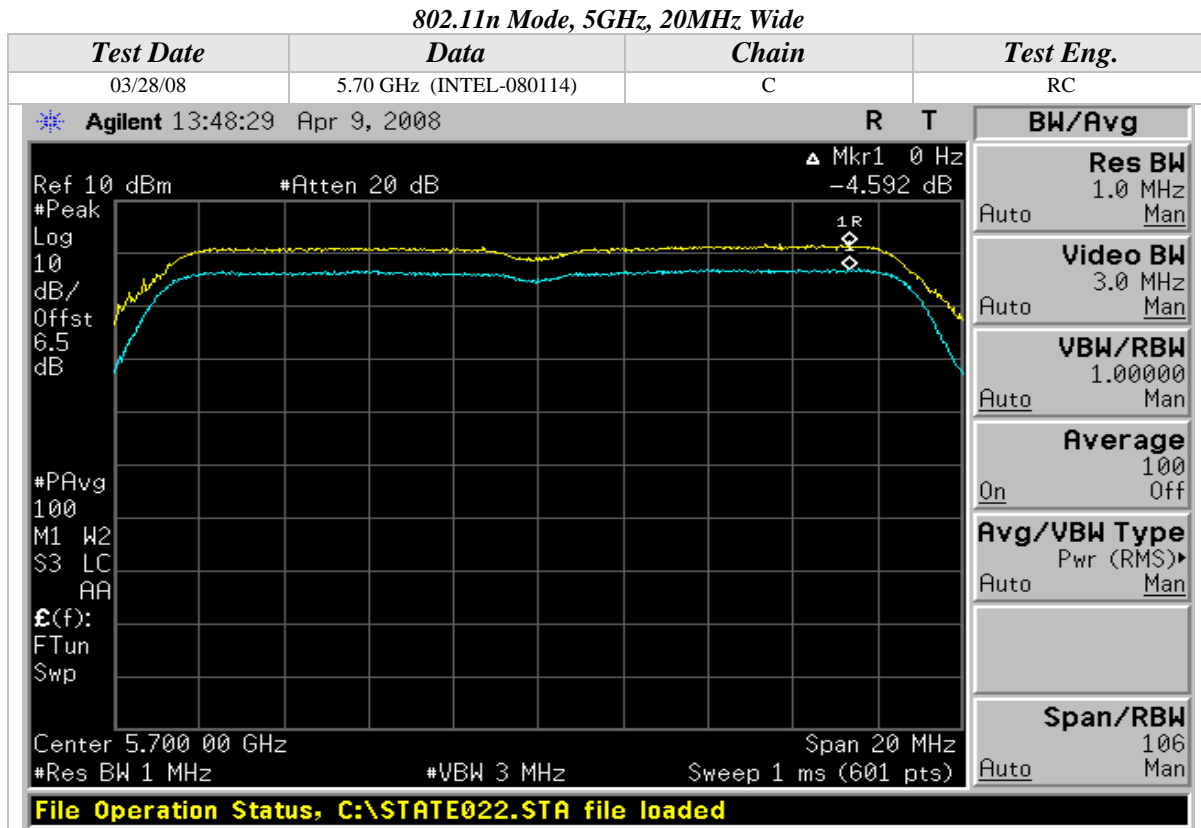
Peak Excursion (Continued)

802.11n Mode, 5GHz, 20MHz Wide





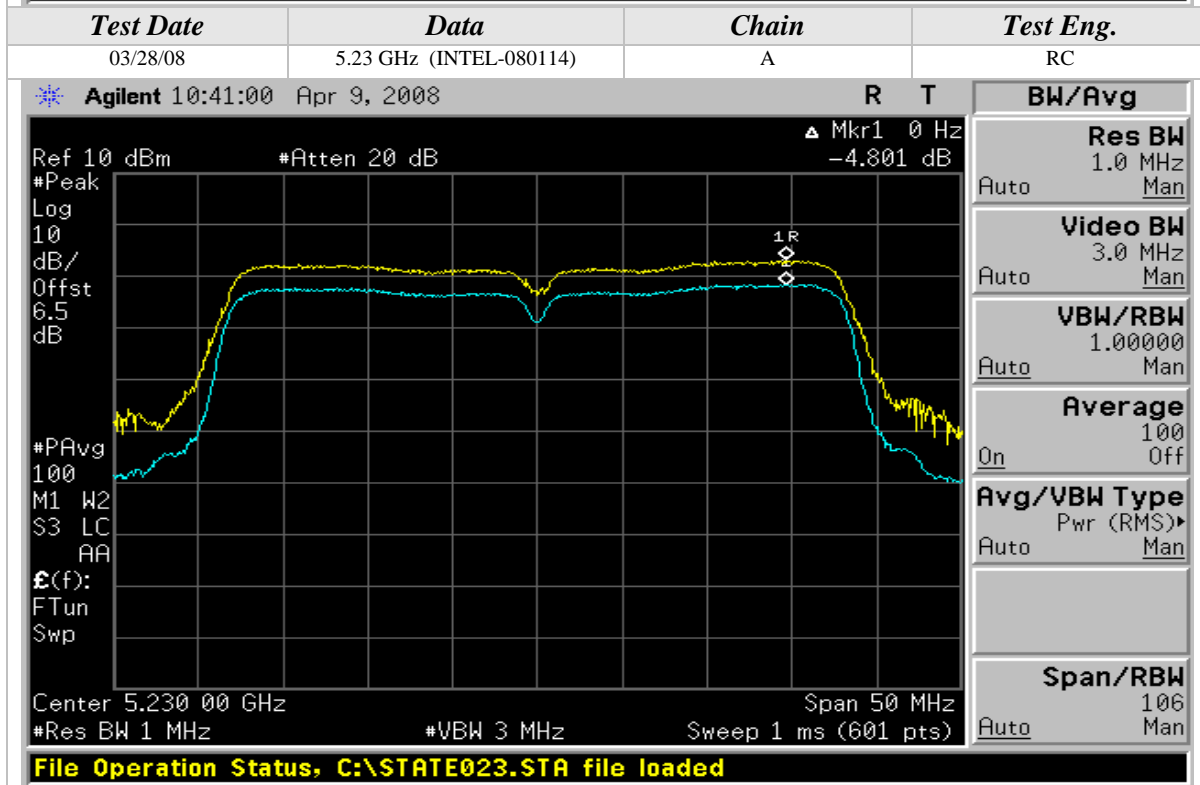
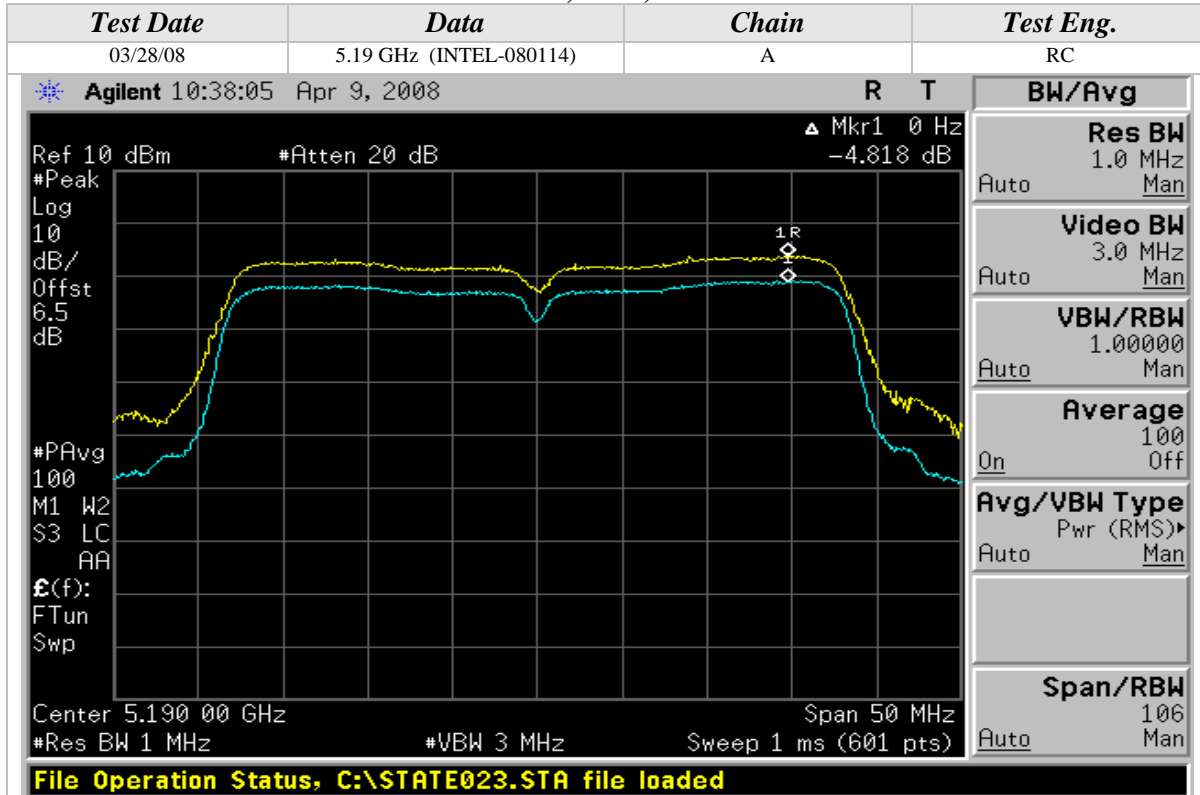
Peak Excursion (Continued)





Peak Excursion (Continued)

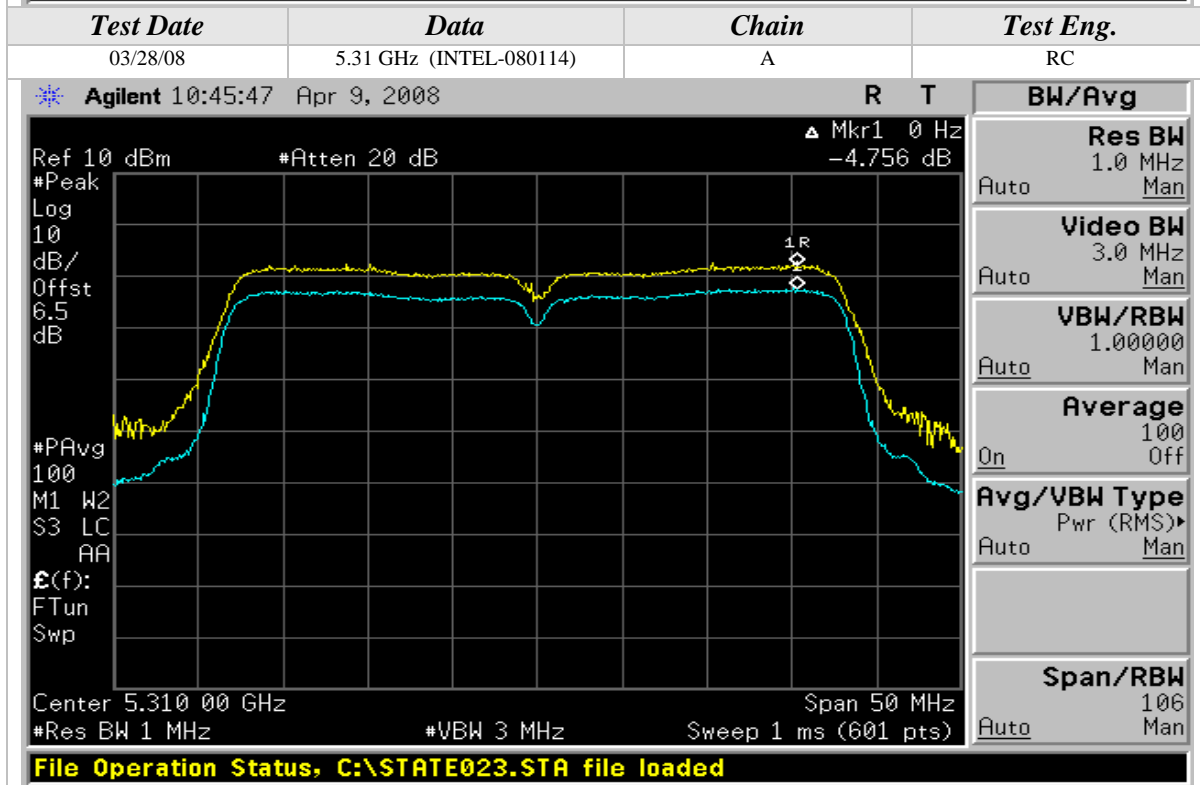
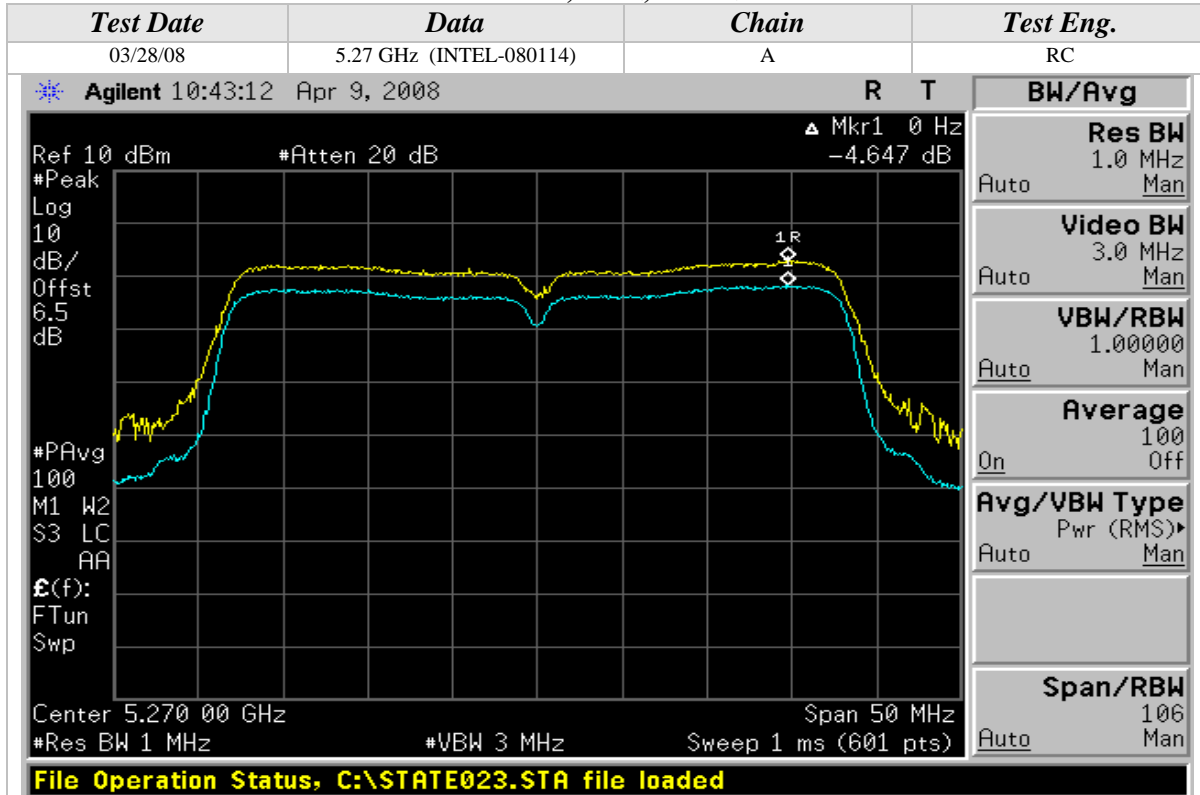
802.11n Mode, 5GHz, 40MHz Wide





Peak Excursion (Continued)

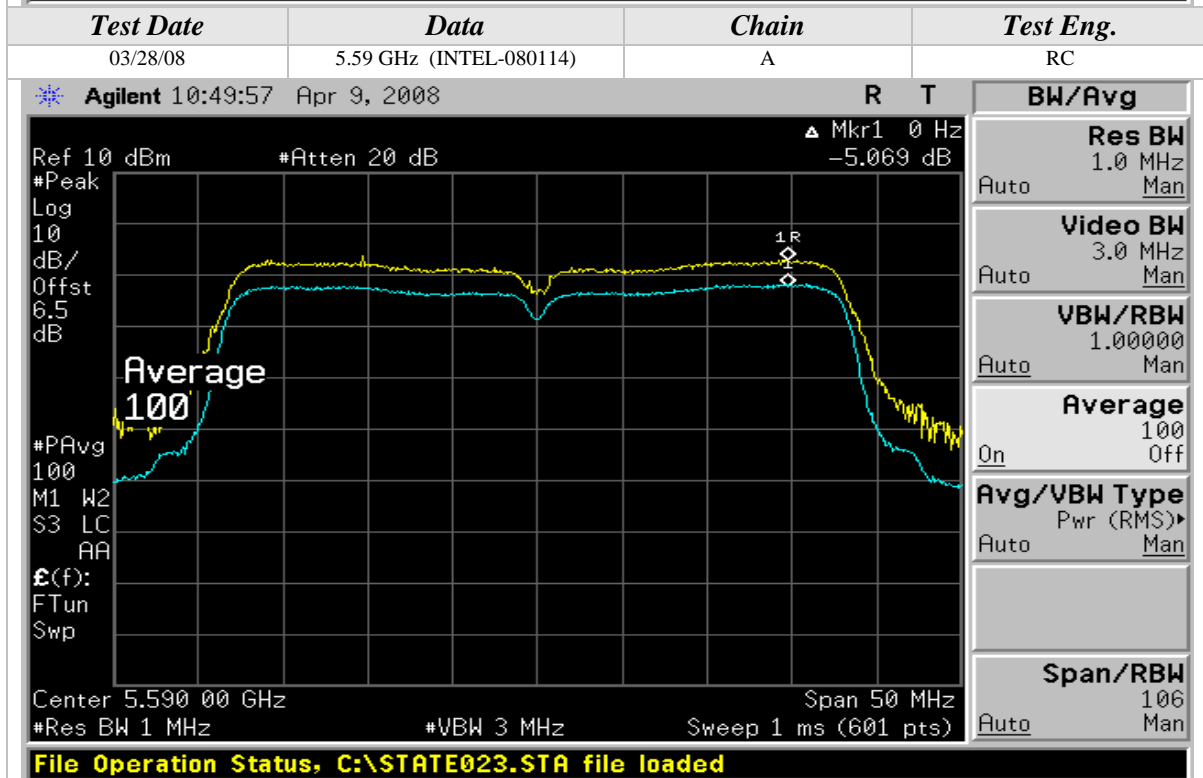
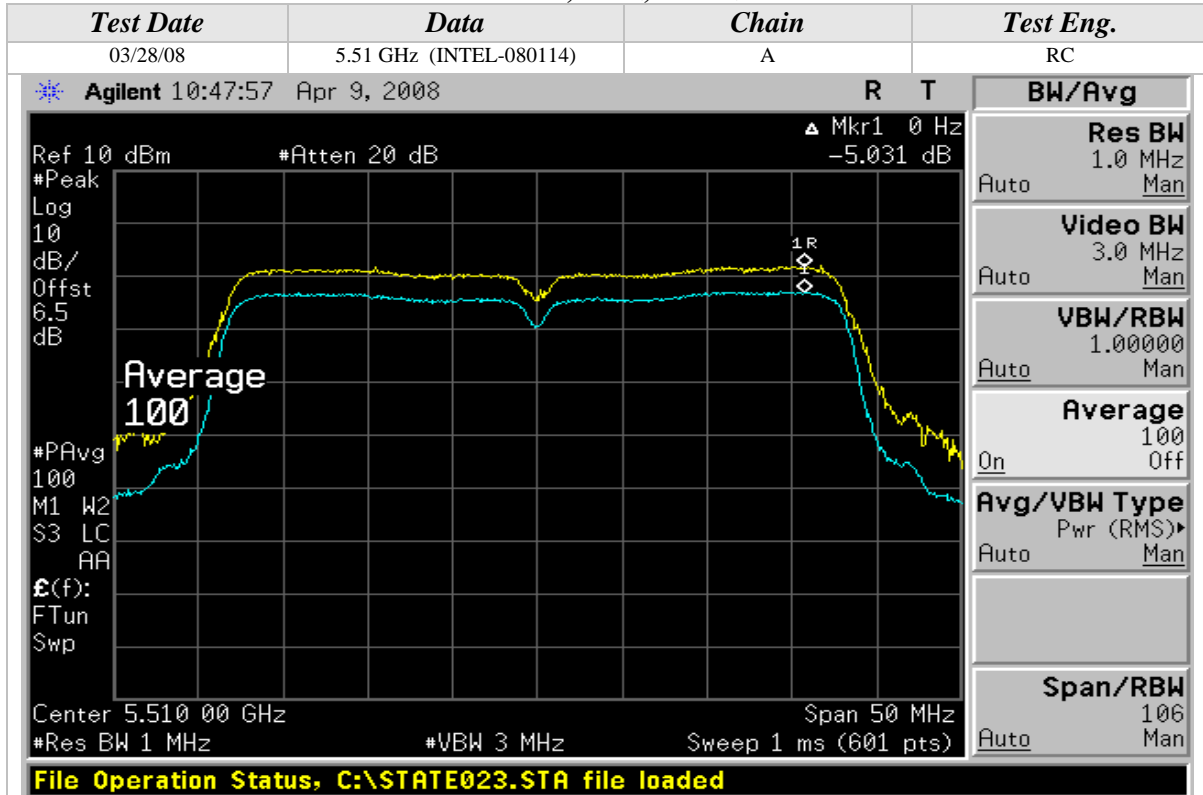
802.11n Mode, 5GHz, 40MHz Wide





Peak Excursion (Continued)

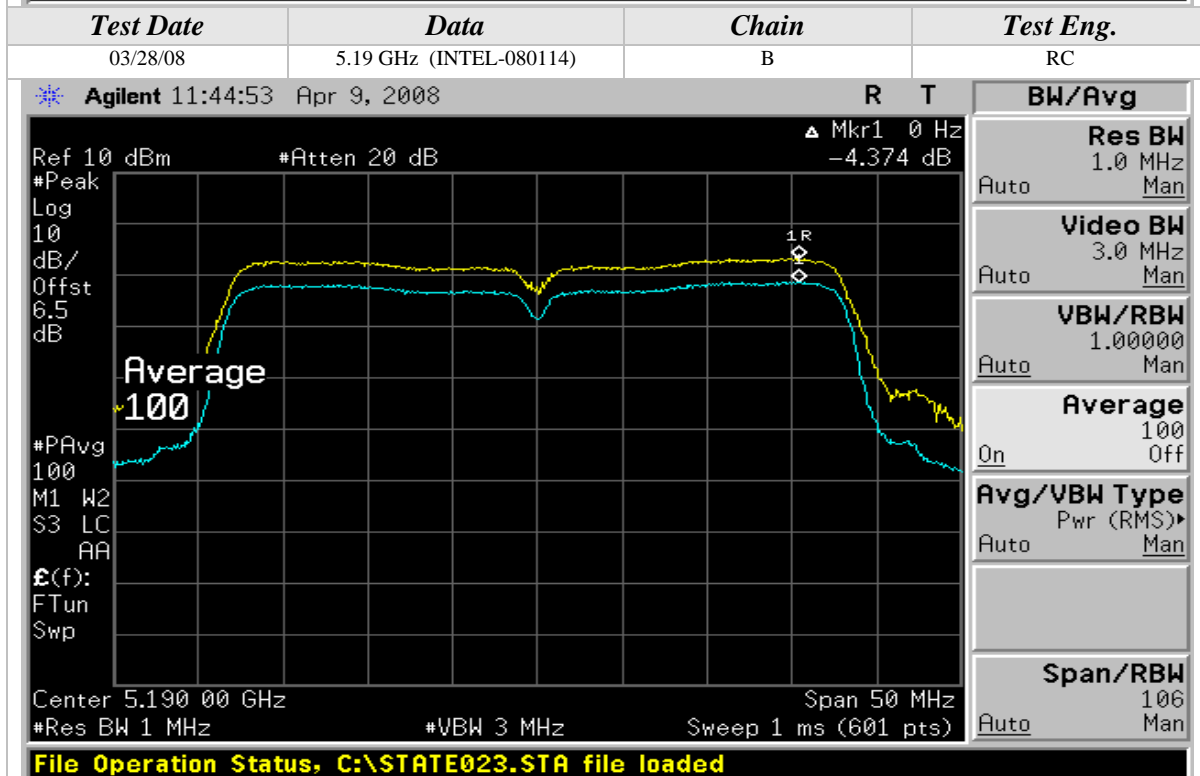
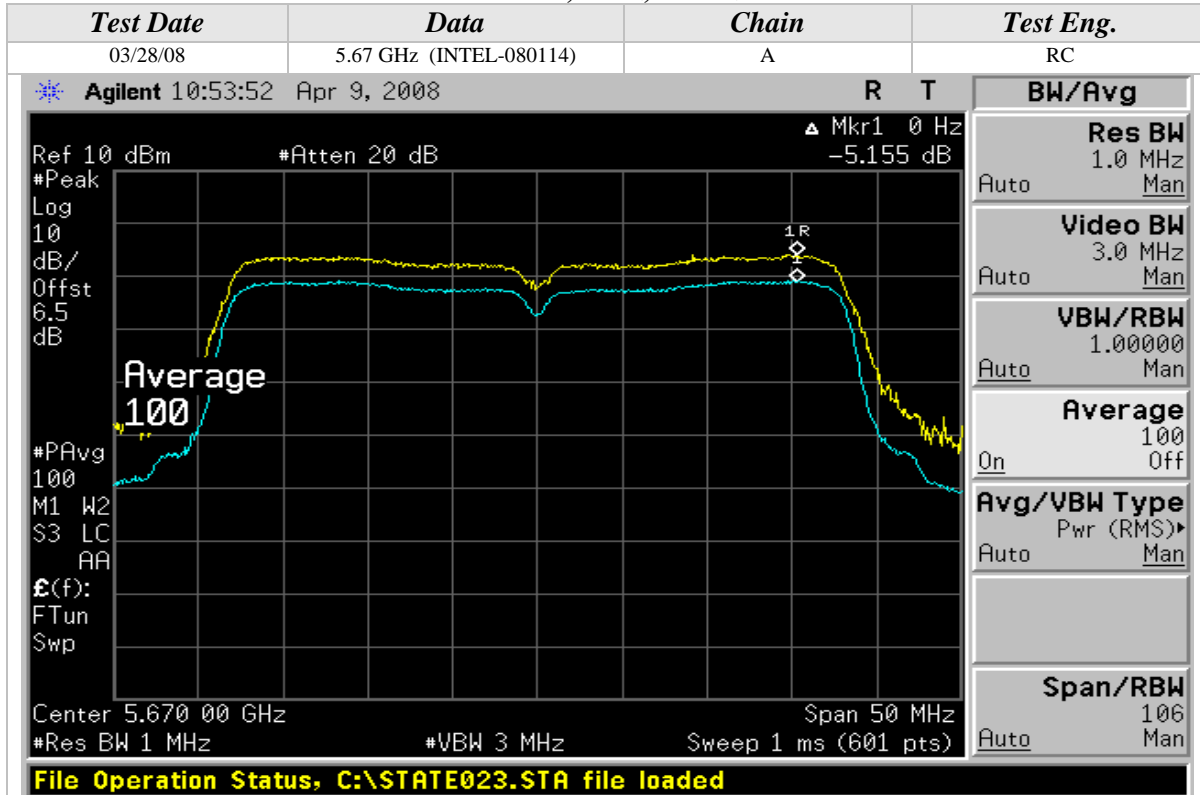
802.11n Mode, 5GHz, 40MHz Wide





Peak Excursion (Continued)

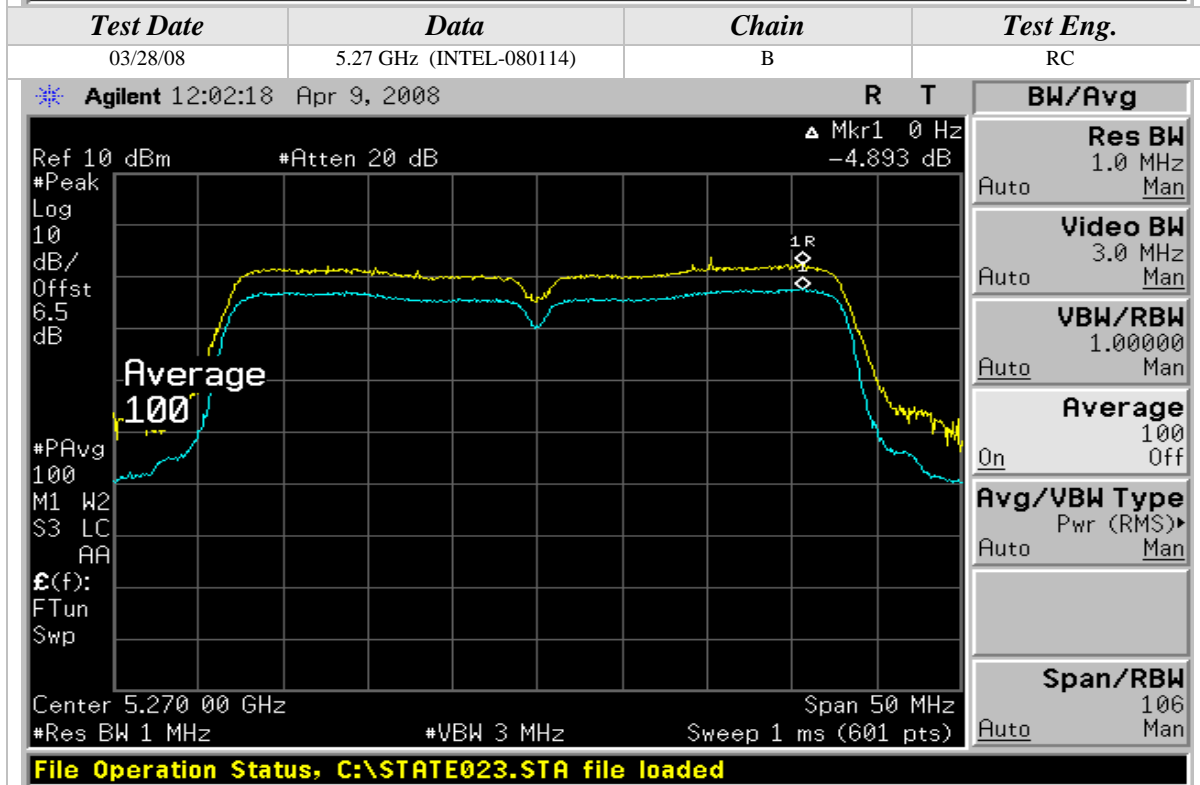
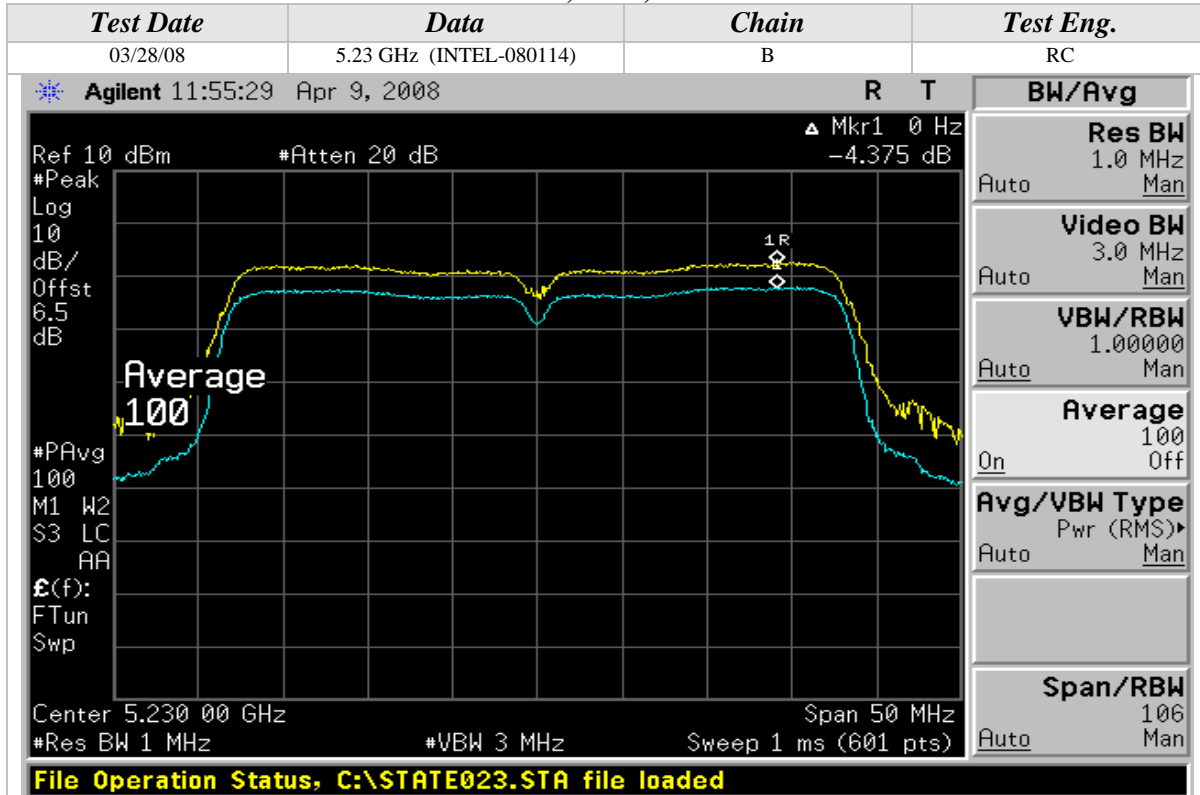
802.11n Mode, 5GHz, 40MHz Wide





Peak Excursion (Continued)

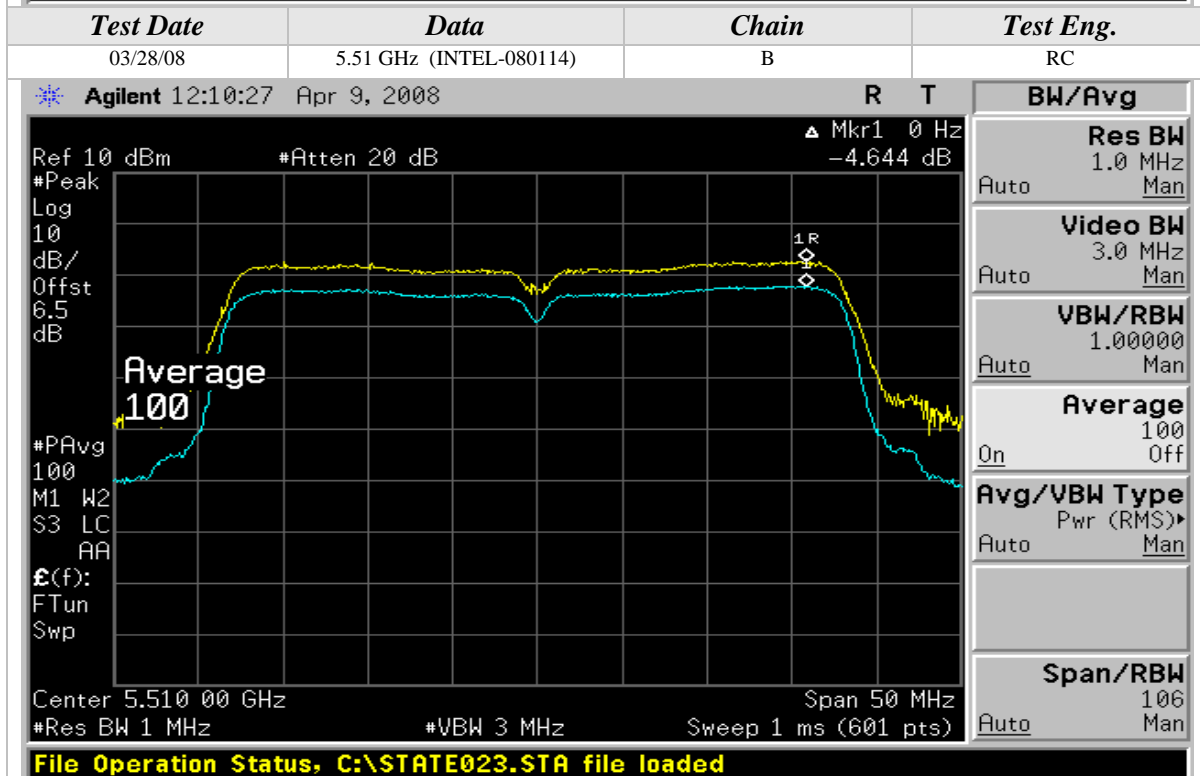
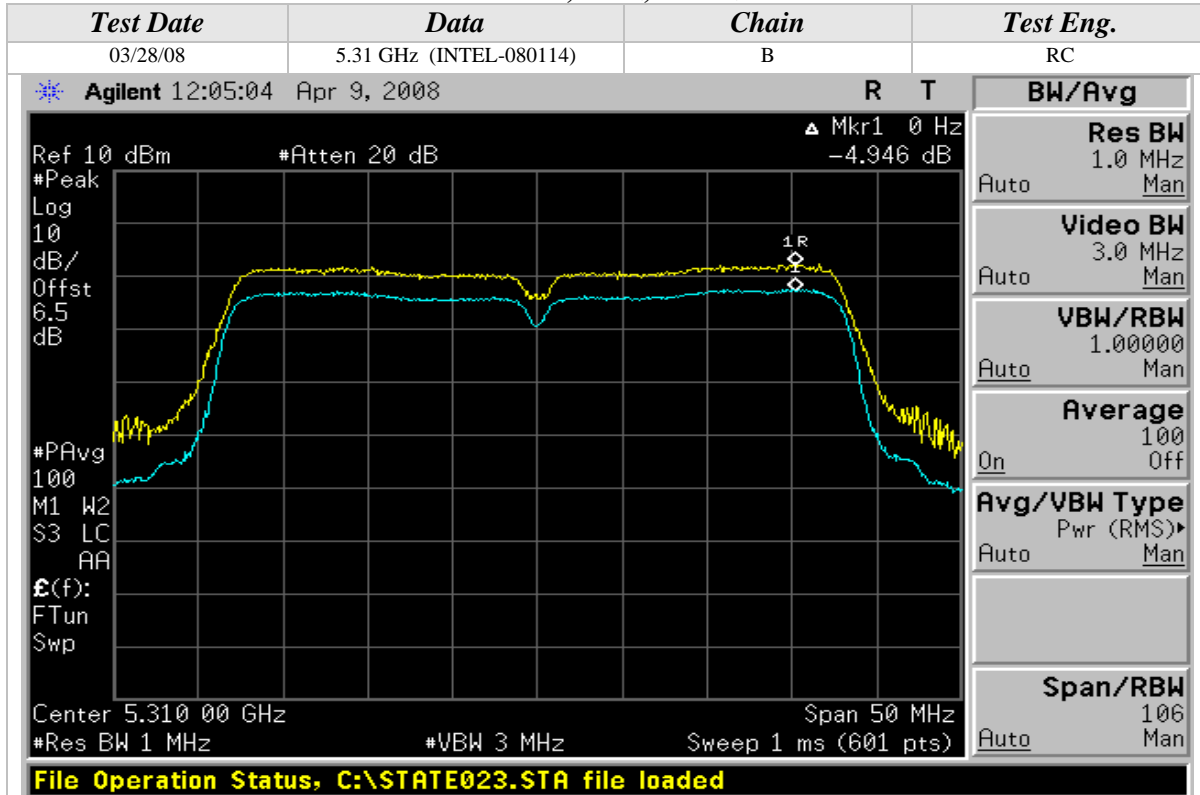
802.11n Mode, 5GHz, 40MHz Wide





Peak Excursion (Continued)

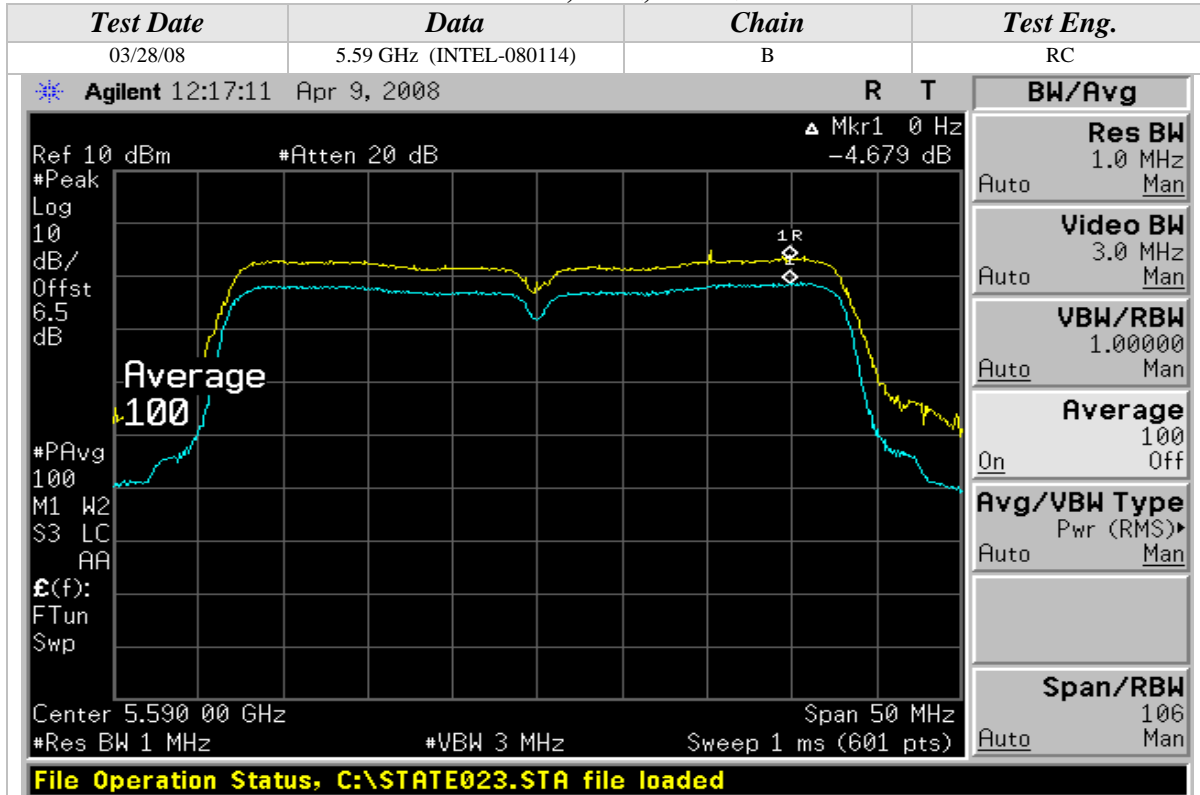
802.11n Mode, 5GHz, 40MHz Wide





Peak Excursion (Continued)

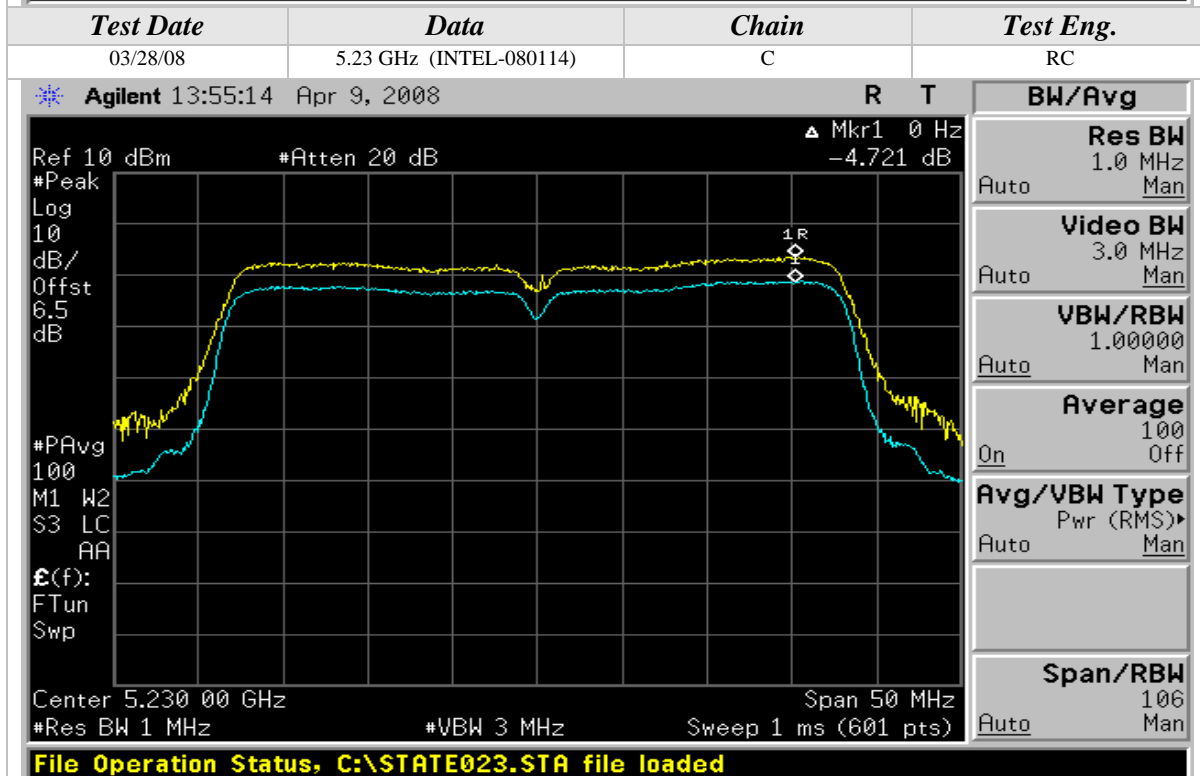
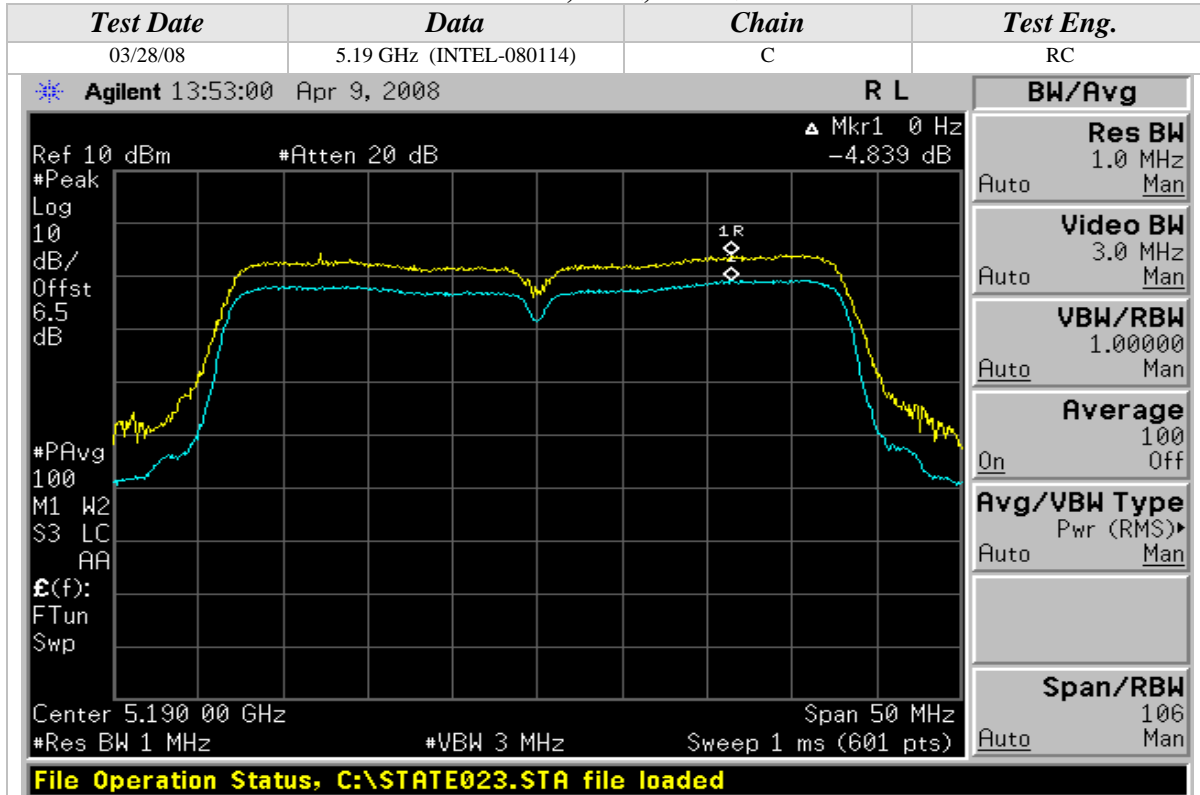
802.11n Mode, 5GHz, 40MHz Wide





Peak Excursion (Continued)

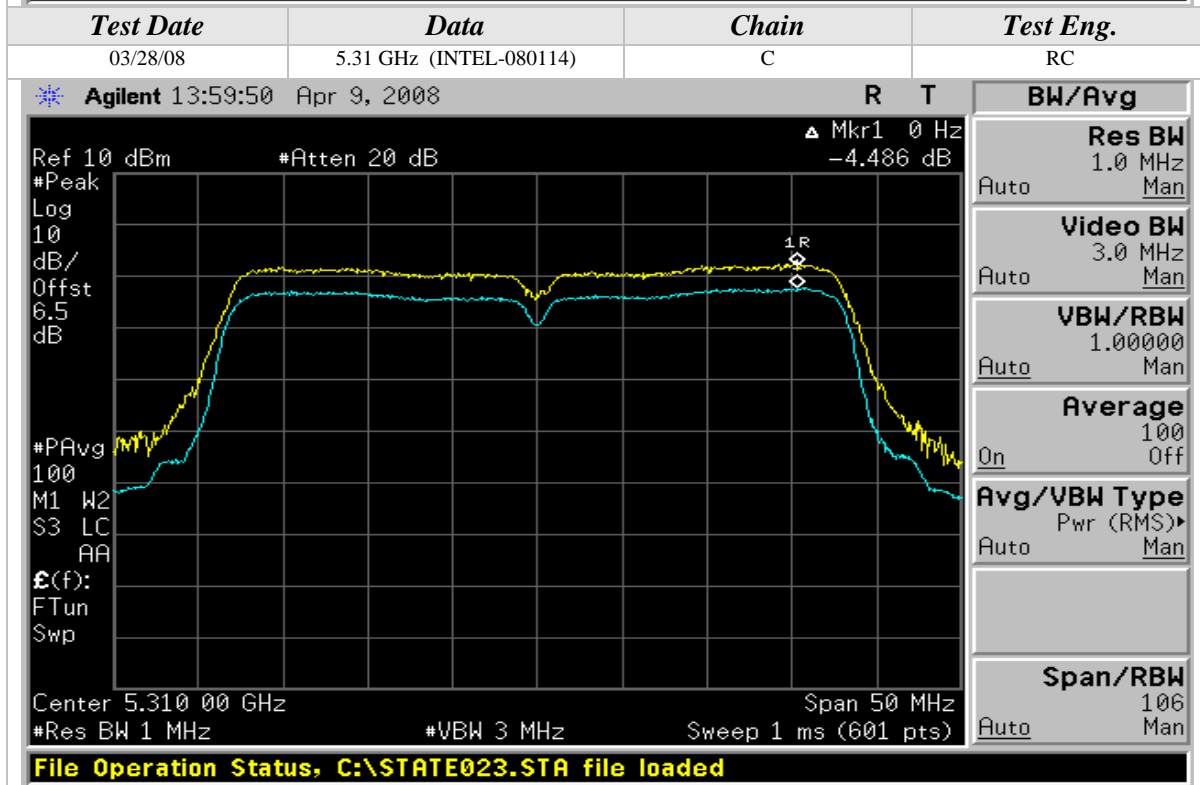
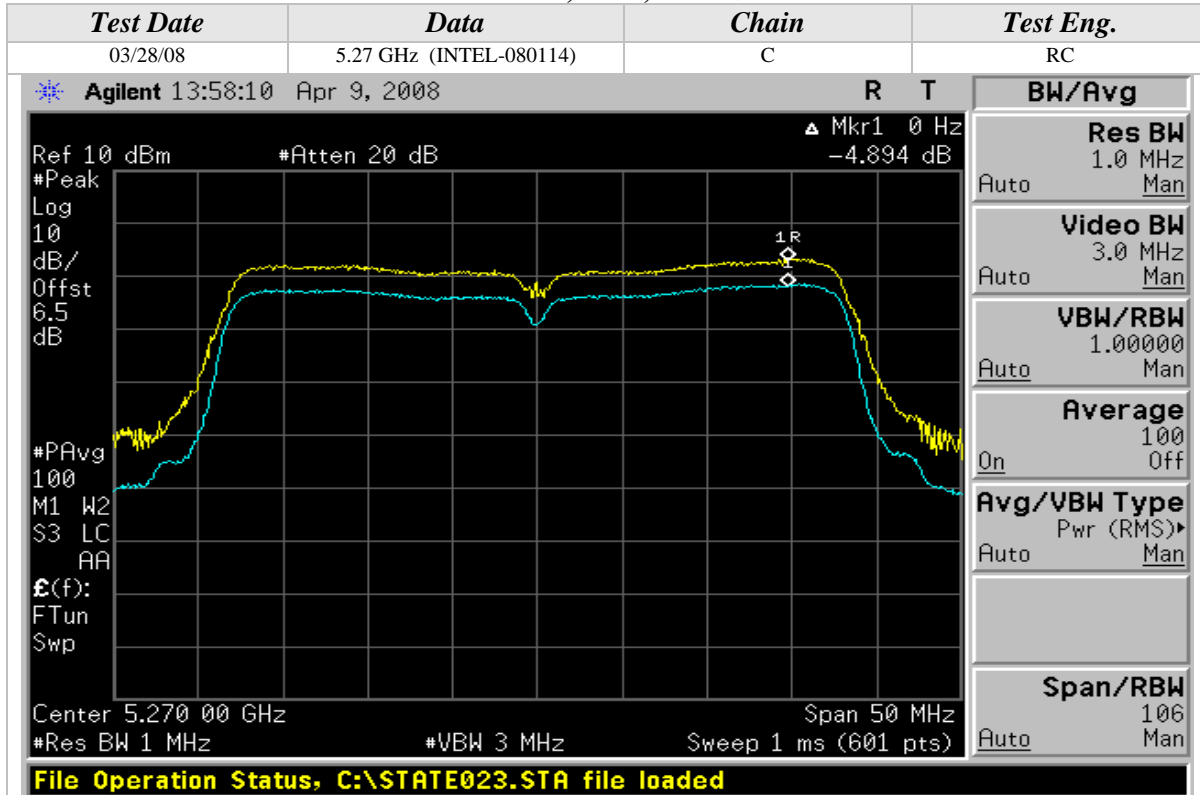
802.11n Mode, 5GHz, 40MHz Wide





Peak Excursion (Continued)

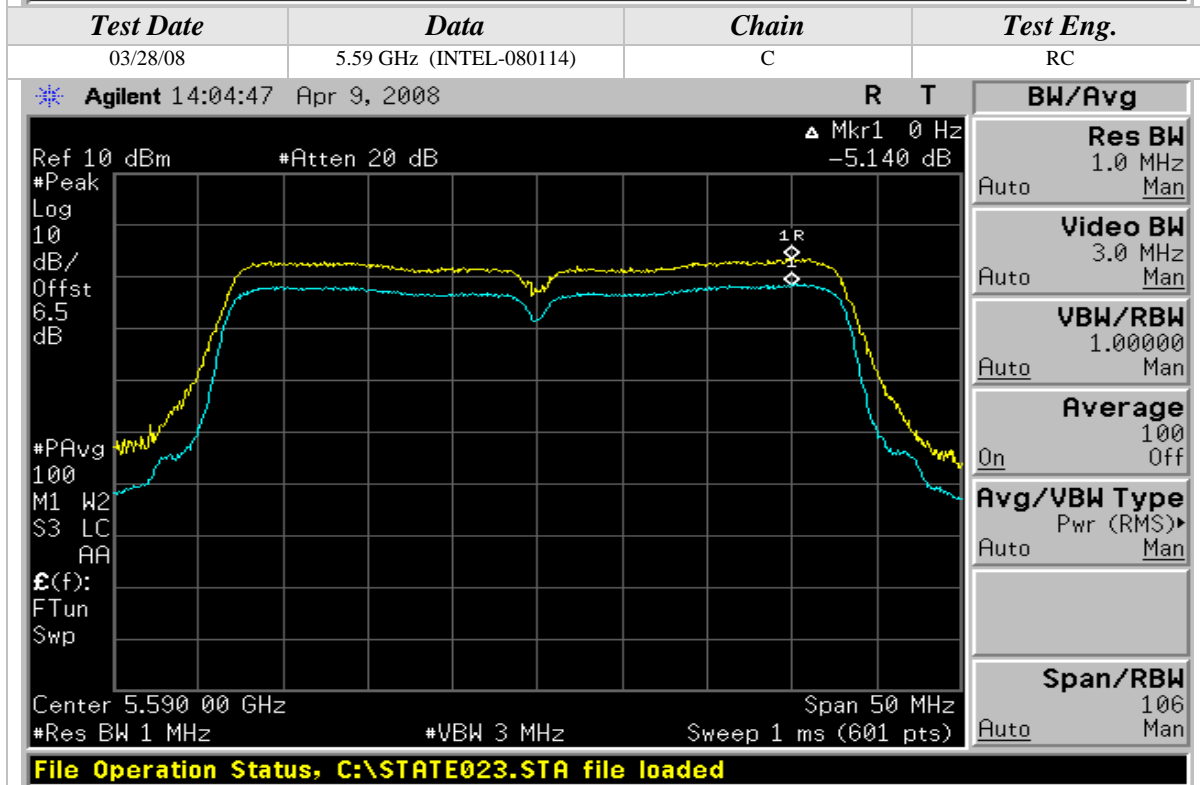
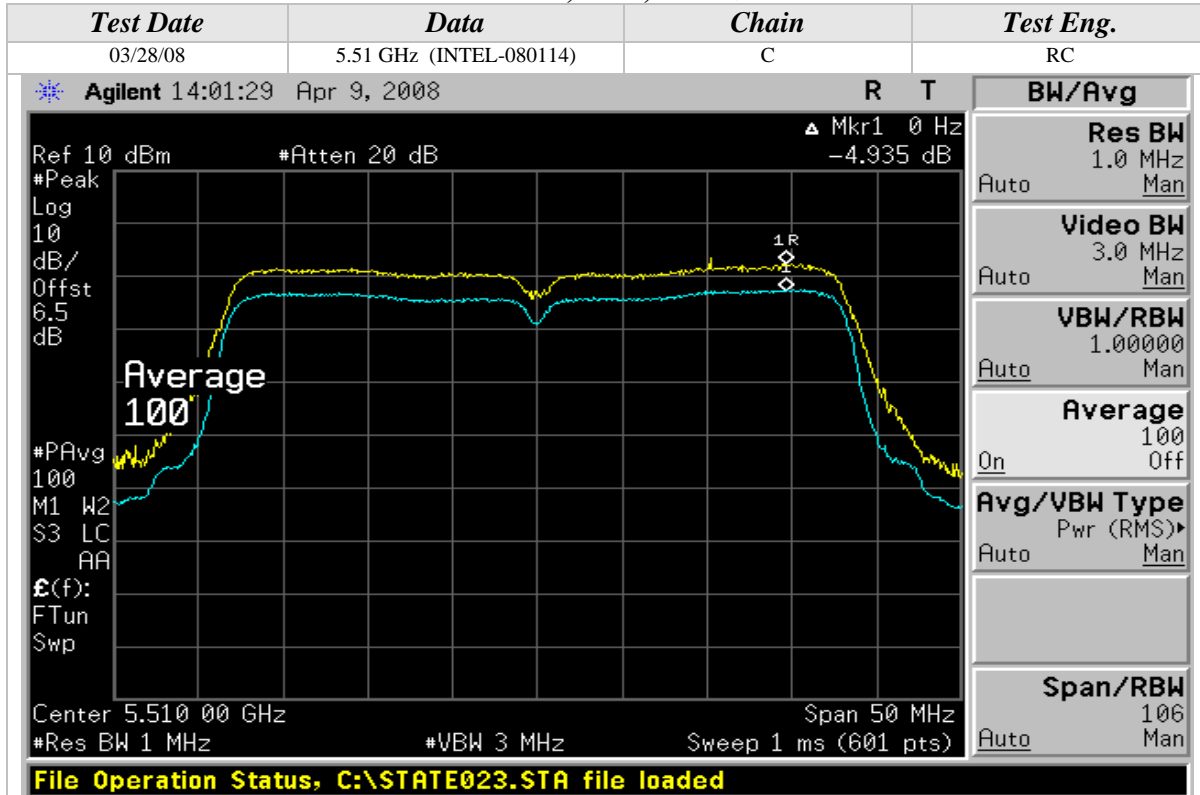
802.11n Mode, 5GHz, 40MHz Wide



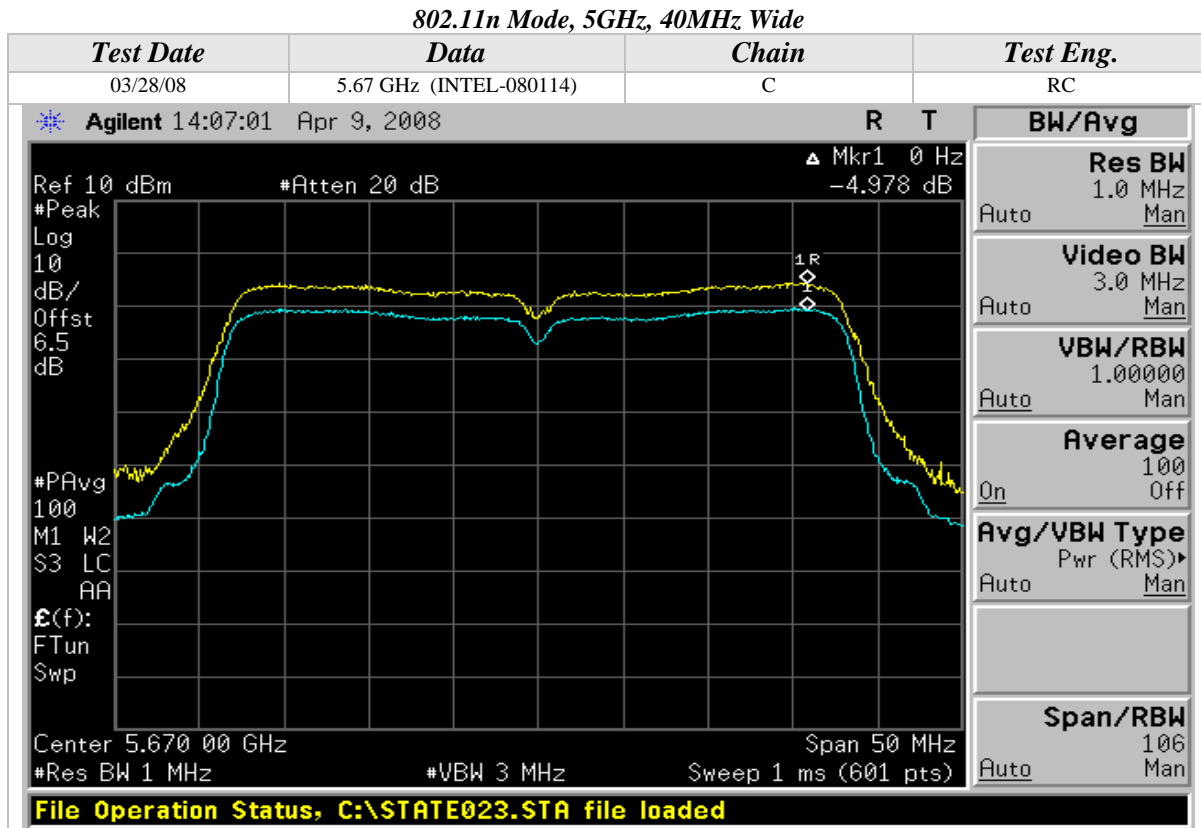


Peak Excursion (Continued)

802.11n Mode, 5GHz, 40MHz Wide



Peak Excursion (Continued)



**CONDUCTED OUT OF BAND EMISSIONS**

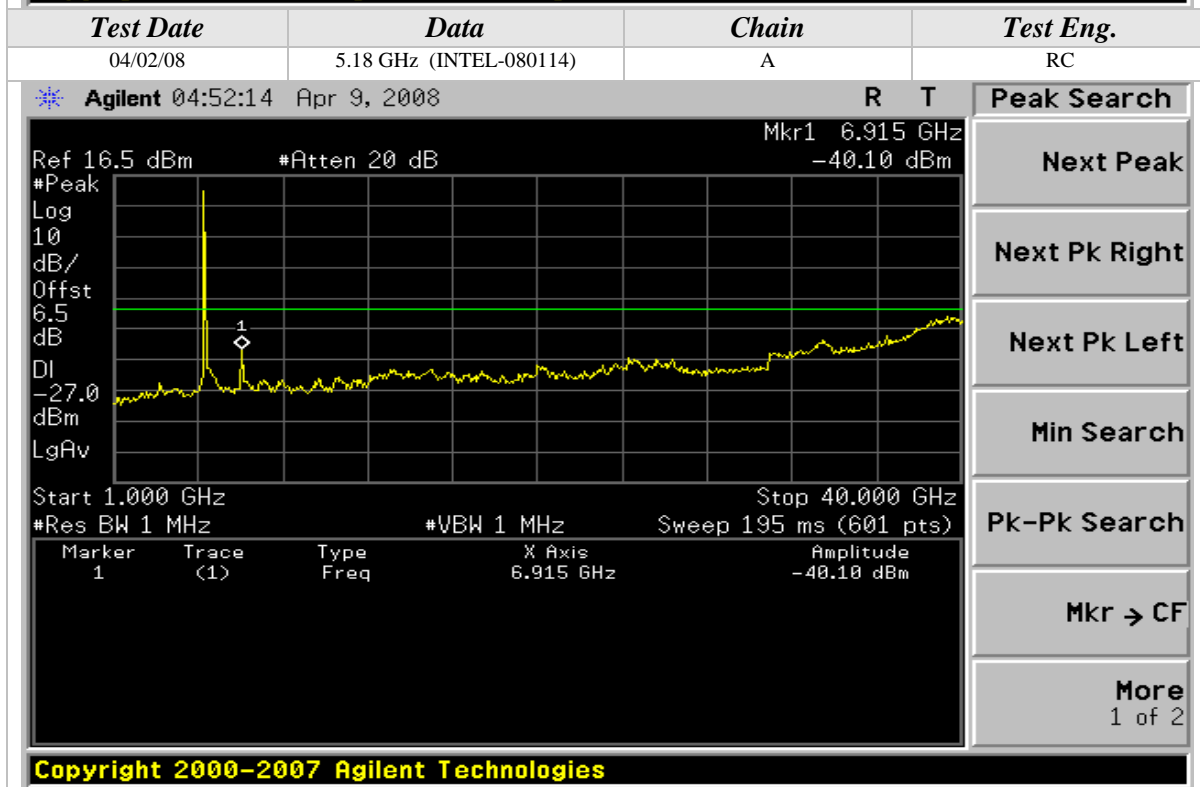
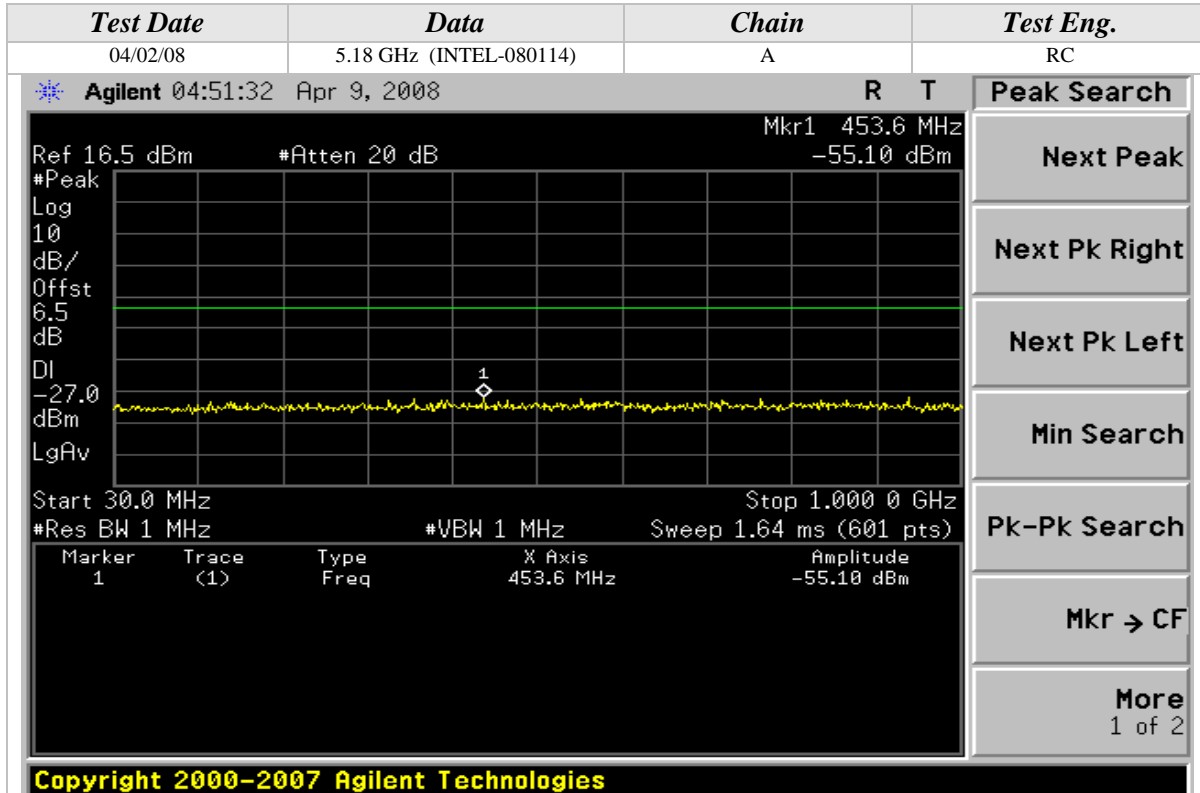
CLIENT:	Intel Corporation	DATE:	04/02/08
EUT:	Intel WiFi/WiMax Link 5350	PROJECT NUMBER:	INTEL-080114
MODEL NUMBER:	533ANXMMW	TEST ENGINEER:	RC/KN
SERIAL NUMBER:	0016EB01A3A8	SITE #:	2
CONFIGURATION:	Tested installed in an extender board connected to the host laptop's mini PCI slot	TEMPERATURE:	21 deg. C
		HUMIDITY:	35% RH
		TIME:	9:00 AM

Description:	<p>For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.</p> <p>For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.</p> <p>For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27dBm/MHz.</p>
Results:	See Data Sheet
Note:	<p>Conducted Emissions Measurements were performed on the EUT with power supply set at the following voltage and frequency.</p> <ul style="list-style-type: none">• 120VAC / 60 Hz.



Conducted Out Of Band Emissions (Continued)

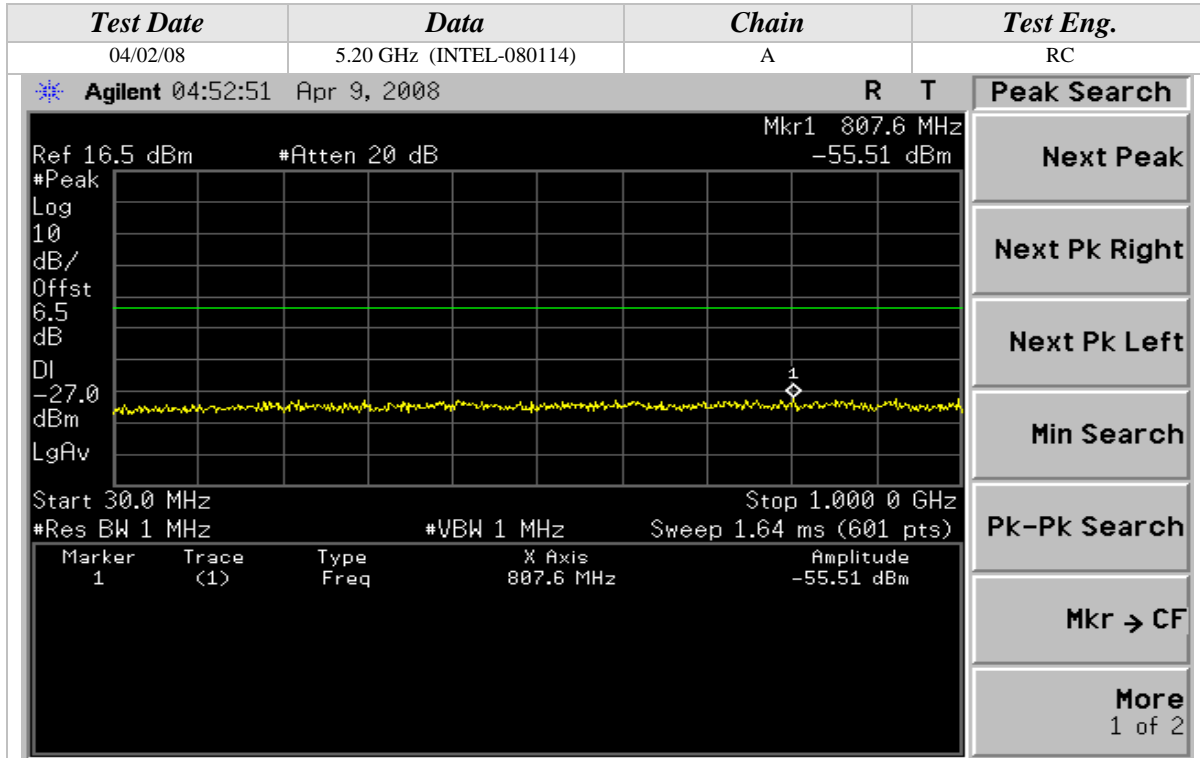
802.11a Mode



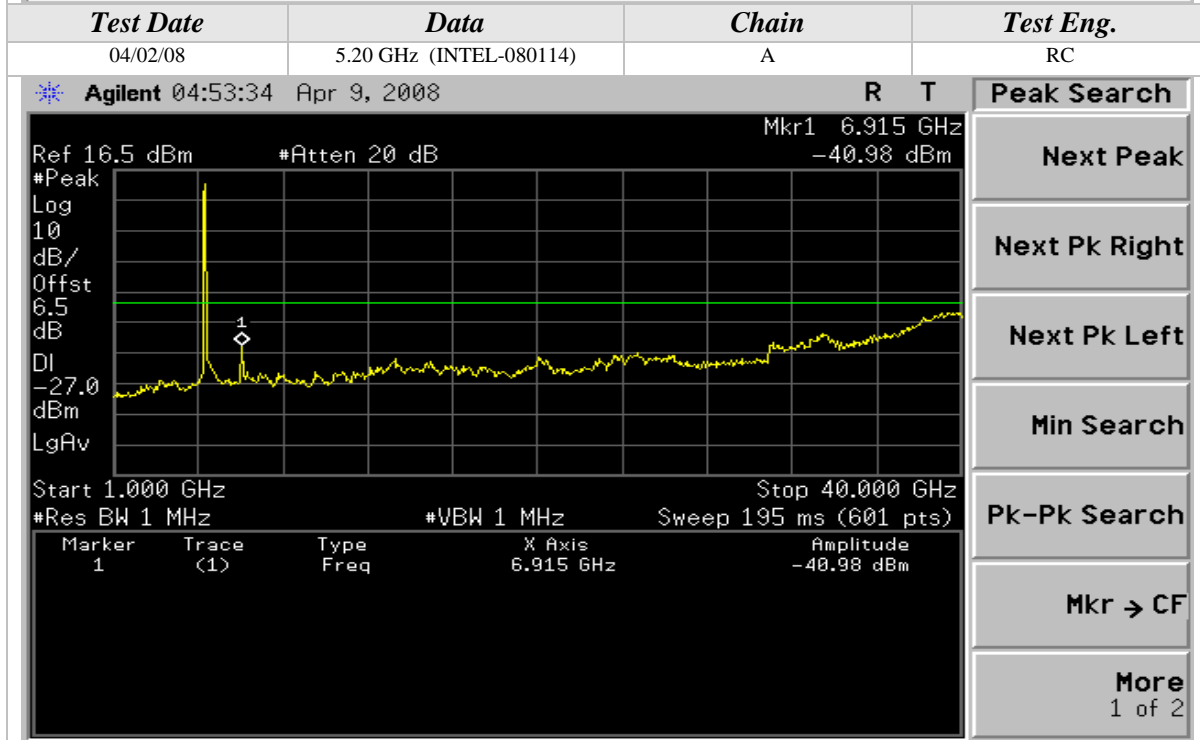


Conducted Out Of Band Emissions (Continued)

802.11a Mode



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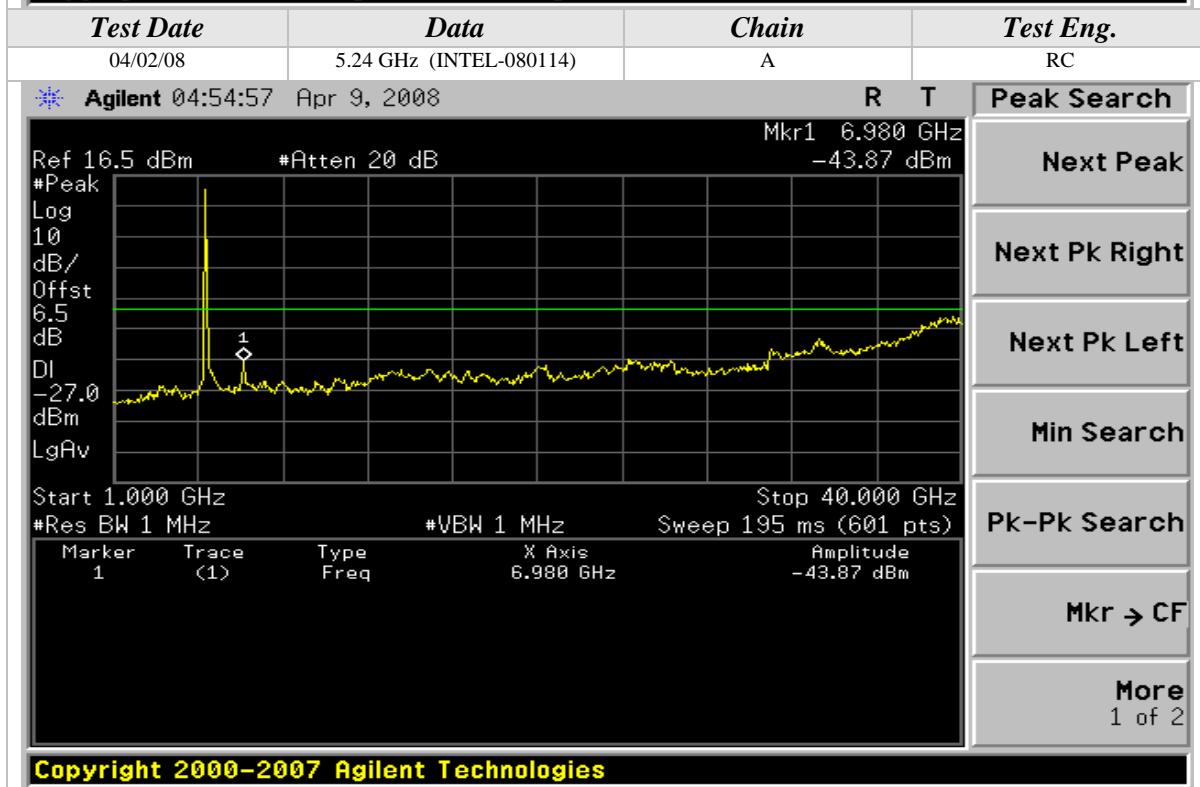
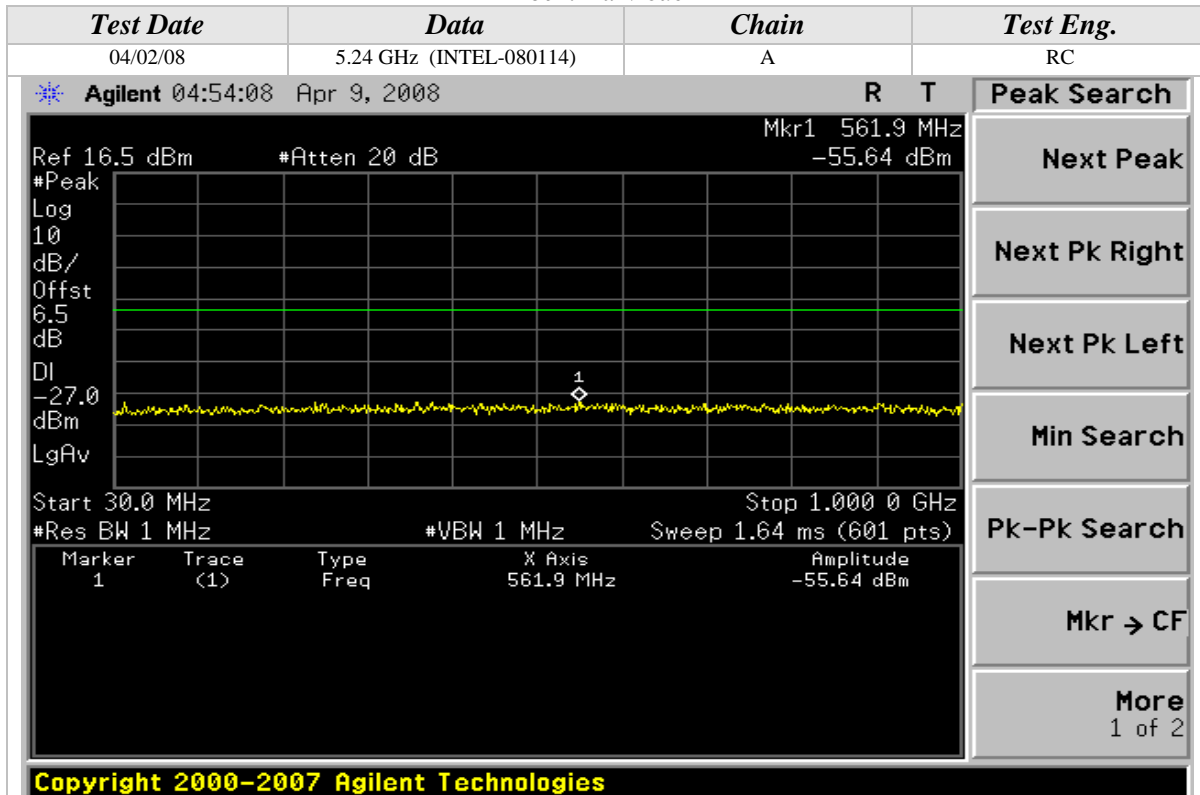


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Conducted Out Of Band Emissions (Continued)

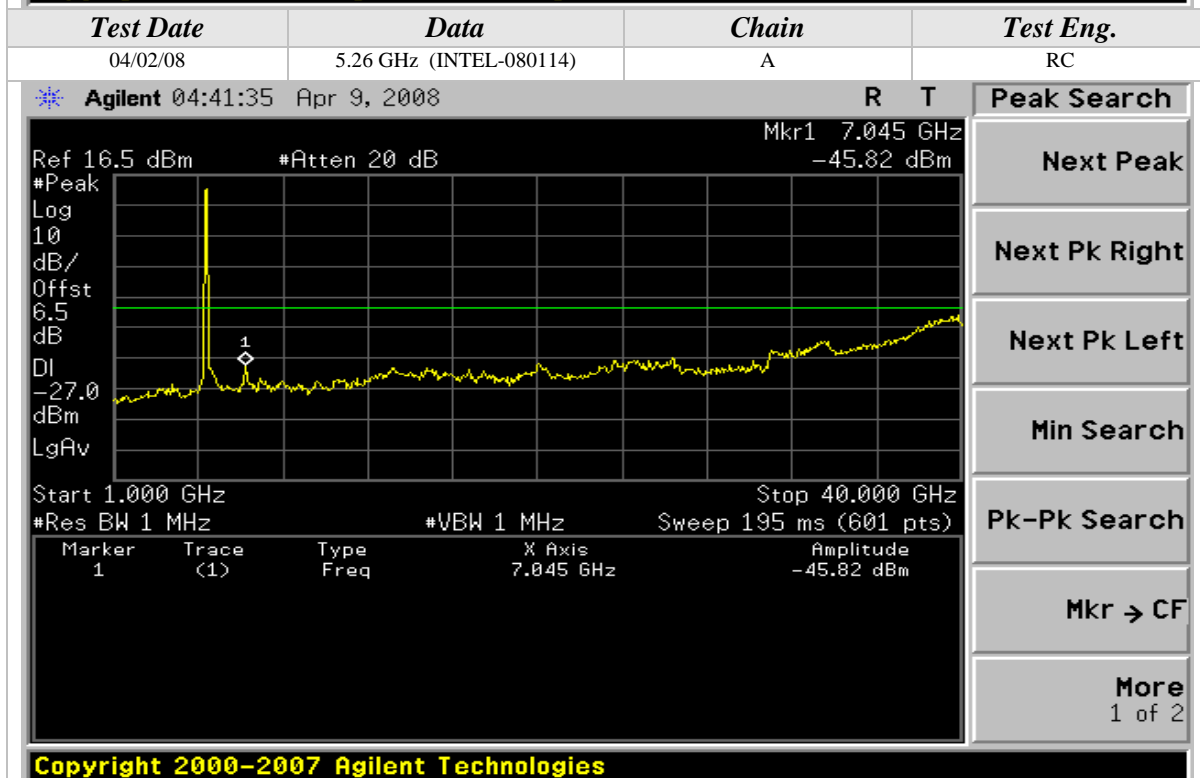
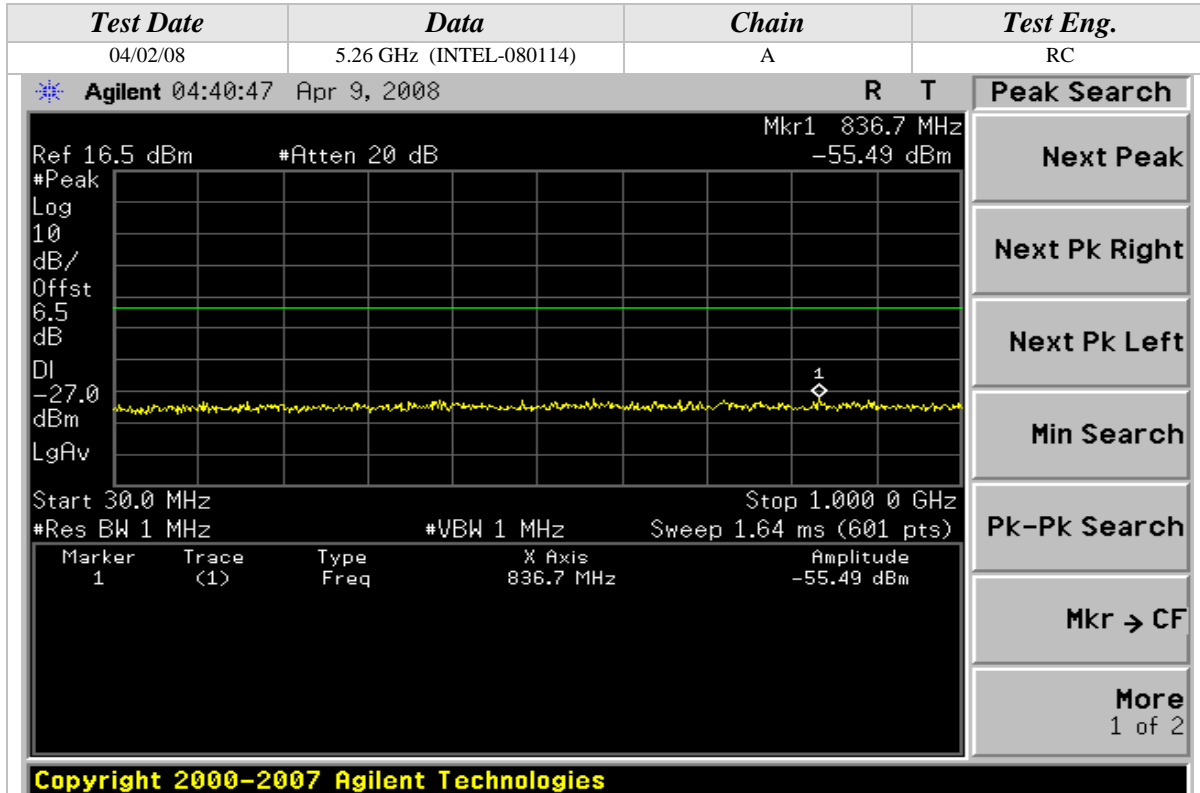
802.11a Mode





Conducted Out Of Band Emissions (Continued)

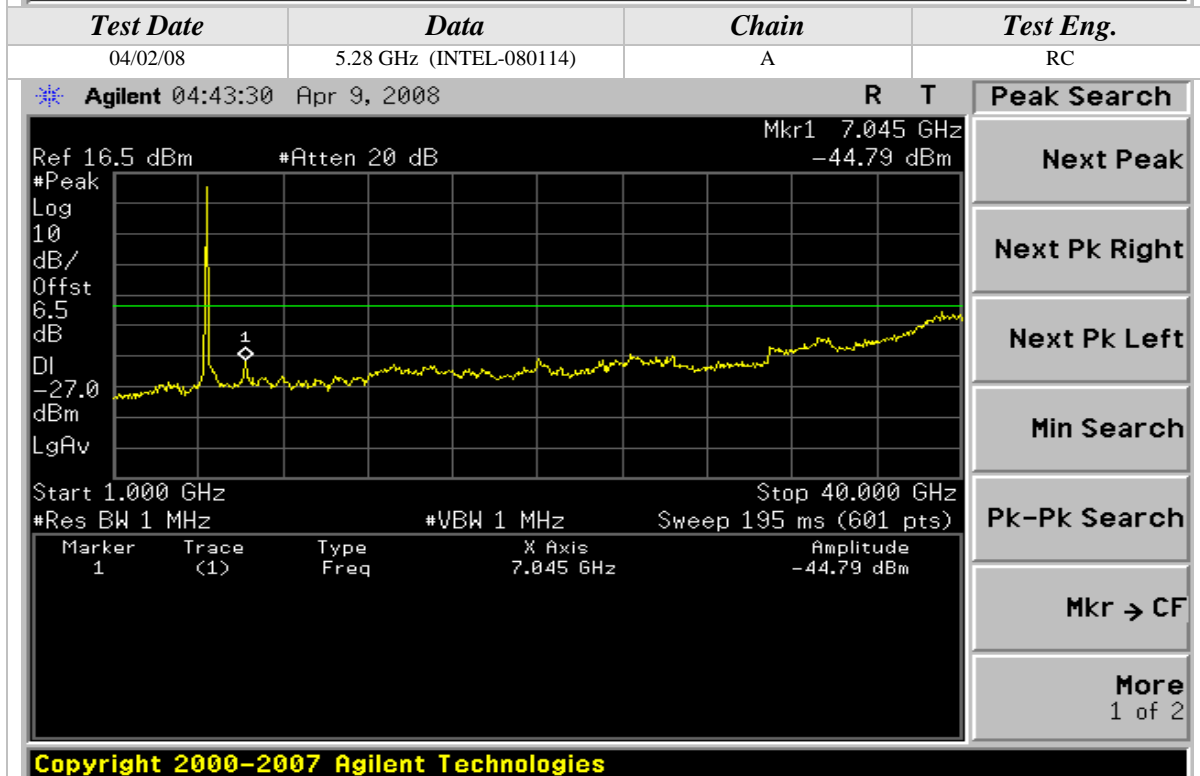
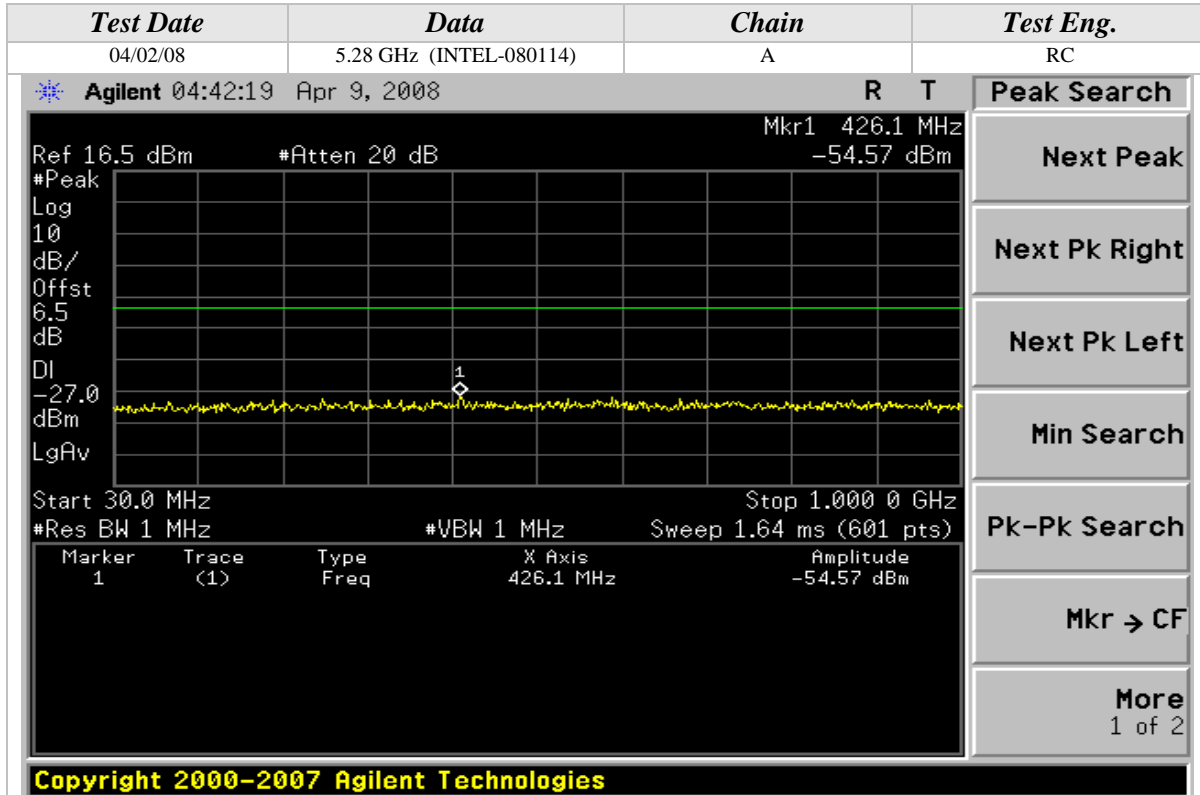
802.11a Mode





Conducted Out Of Band Emissions (Continued)

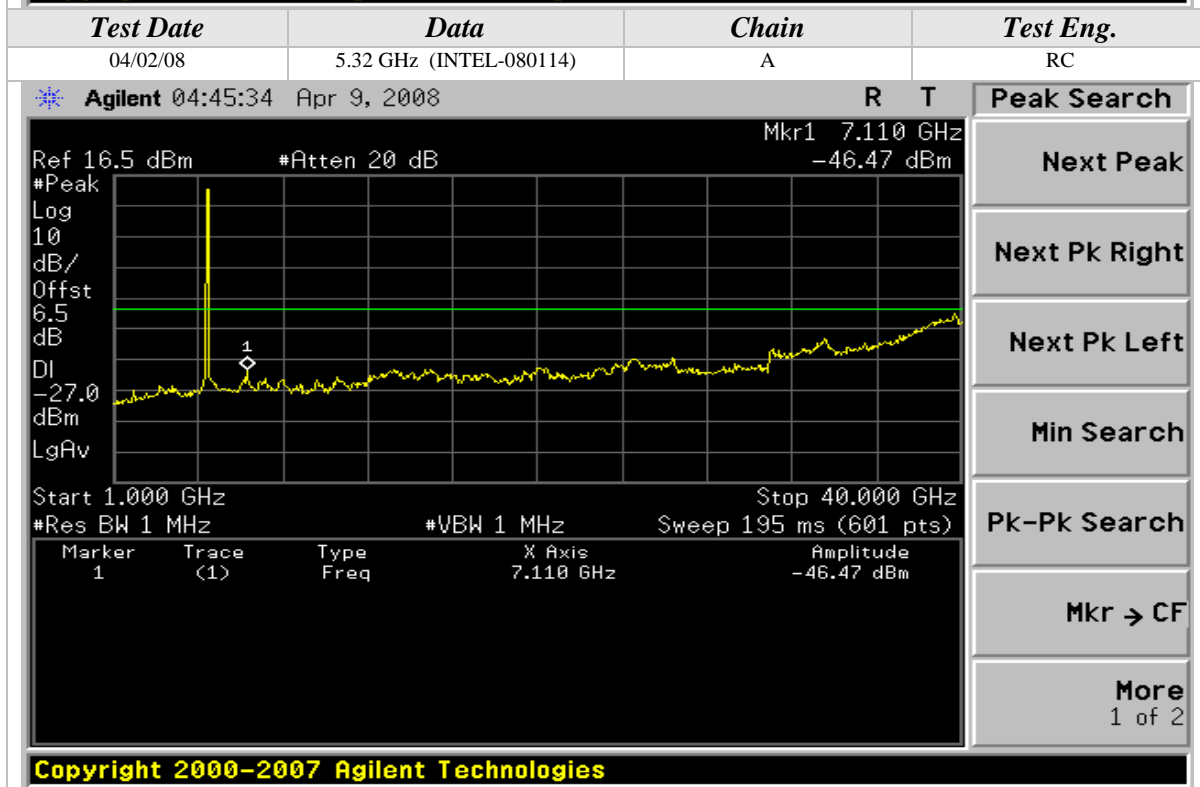
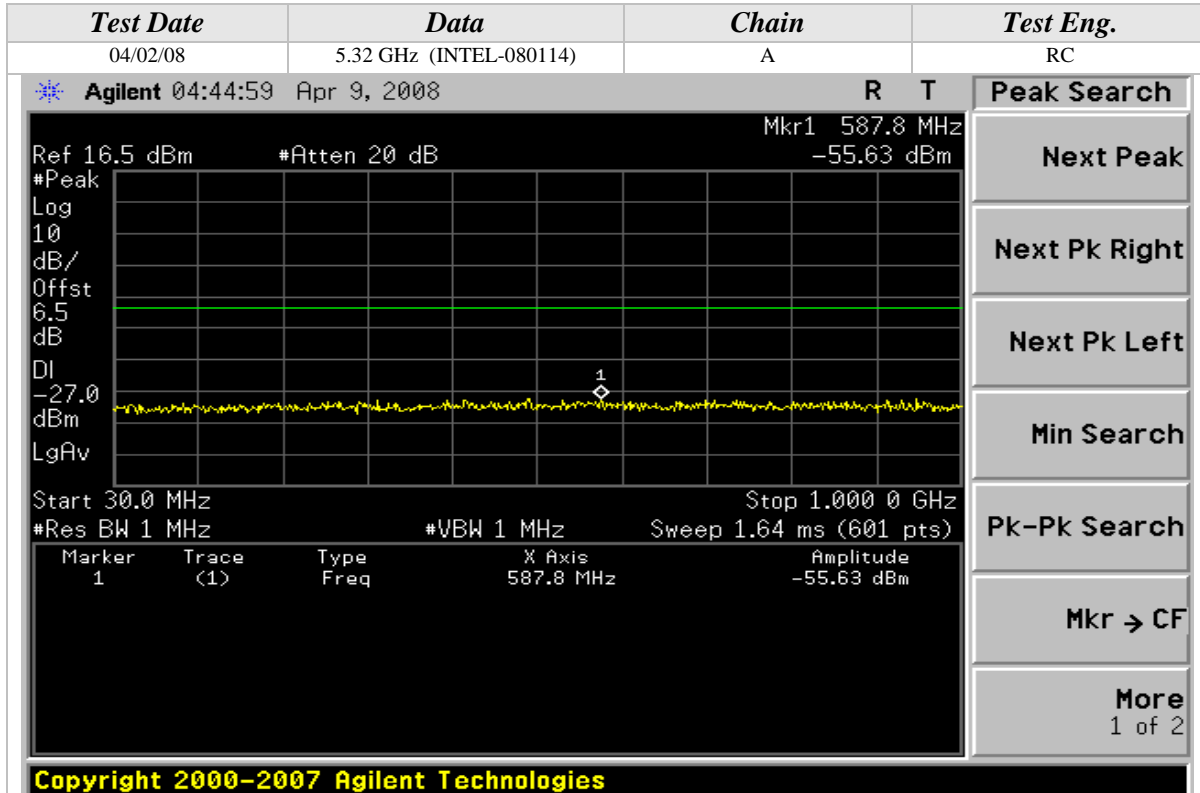
802.11a Mode





Conducted Out Of Band Emissions (Continued)

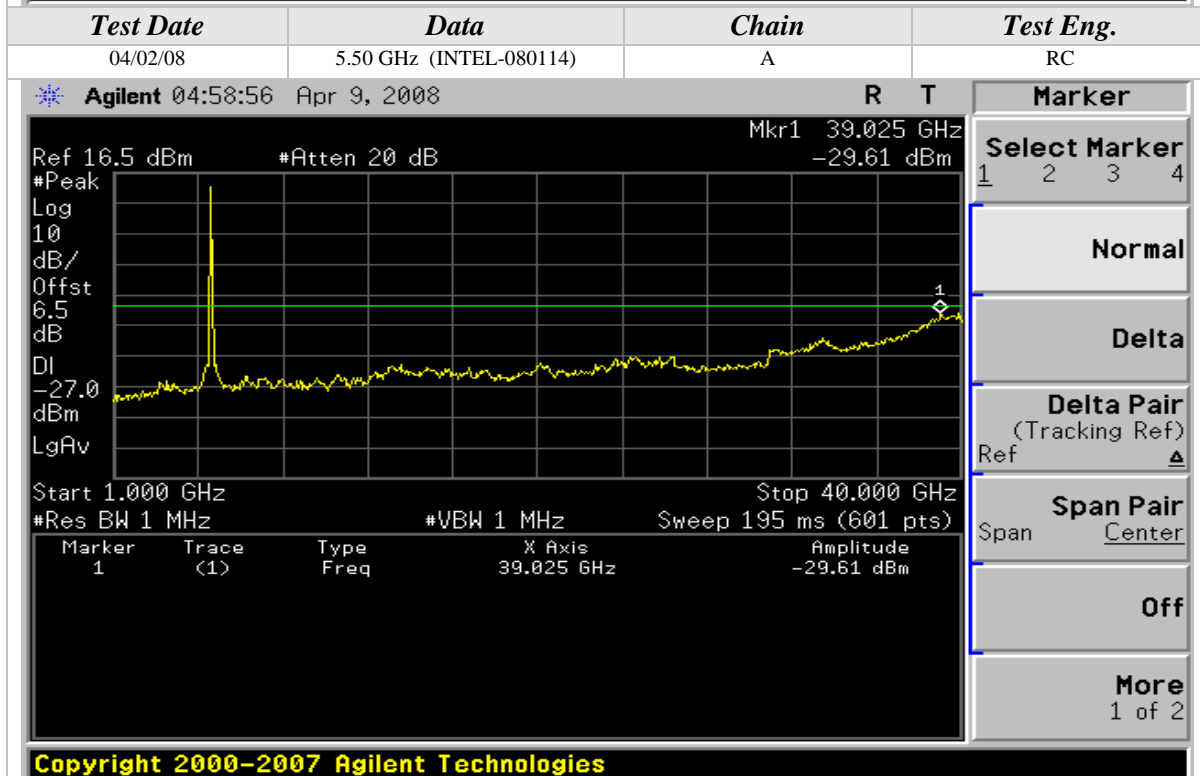
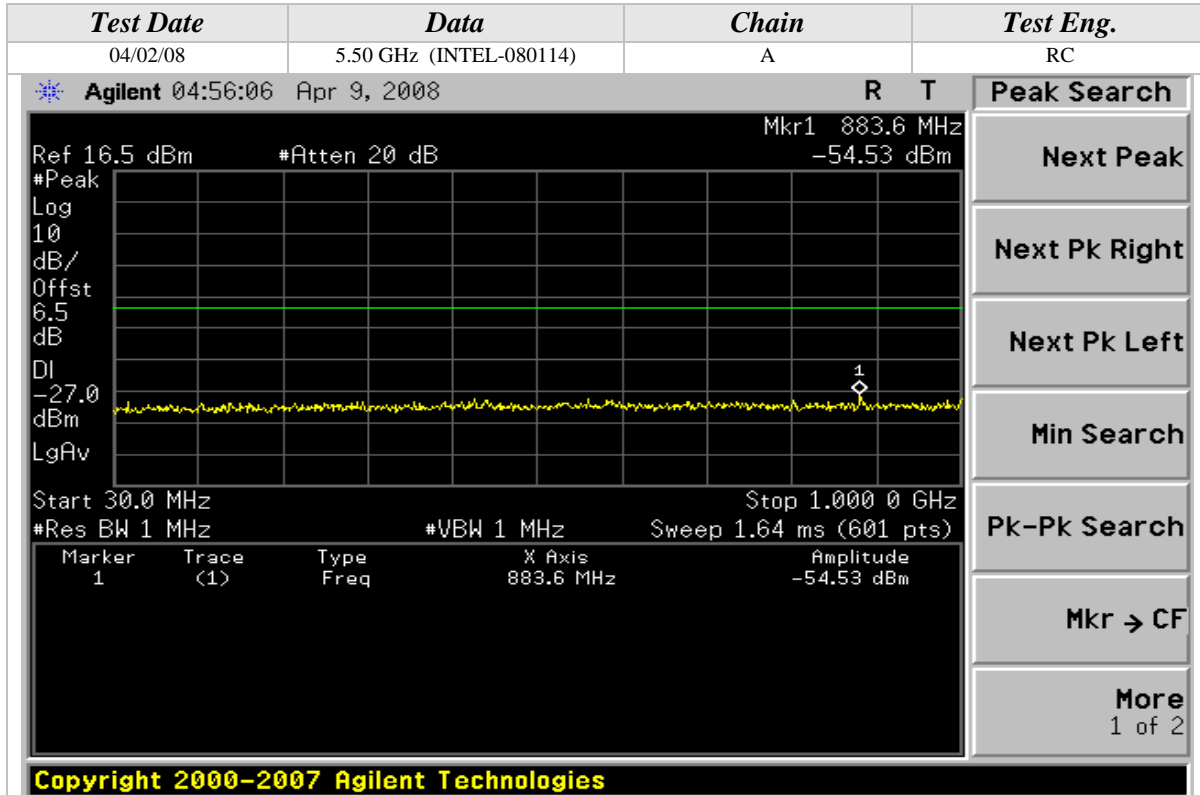
802.11a Mode





Conducted Out Of Band Emissions (Continued)

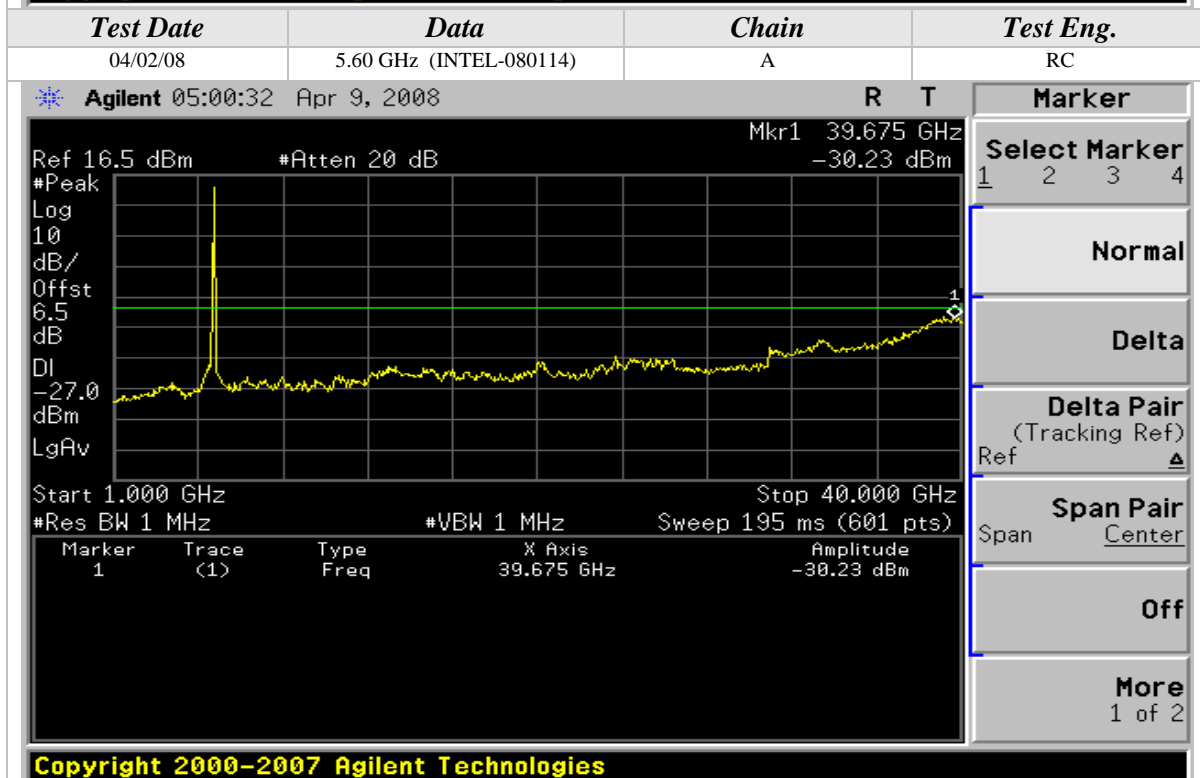
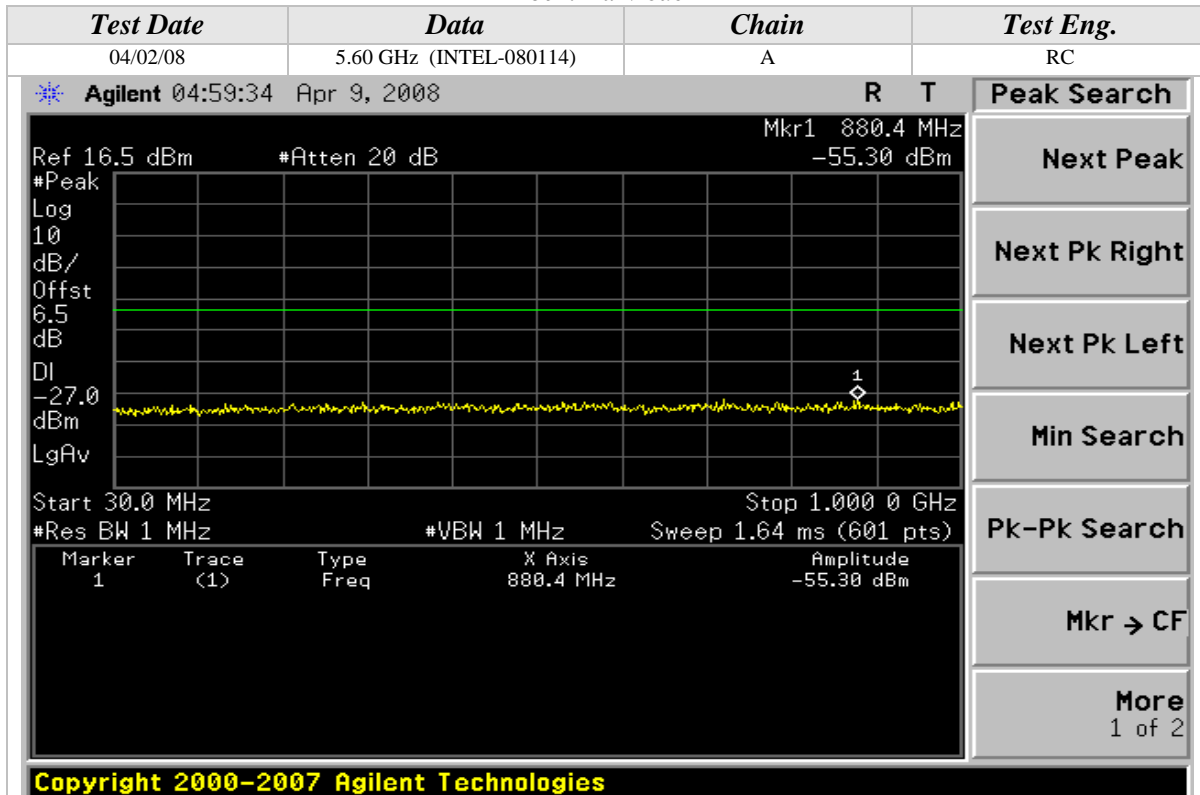
802.11a Mode





Conducted Out Of Band Emissions (Continued)

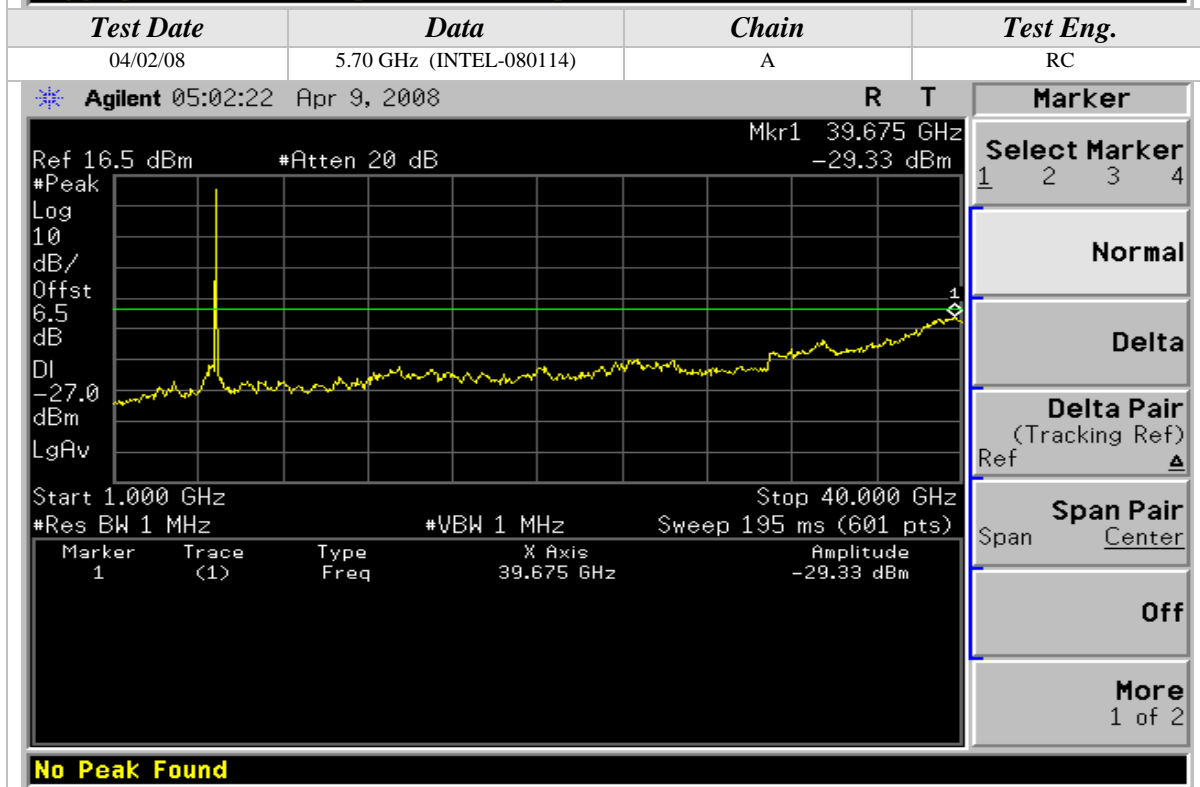
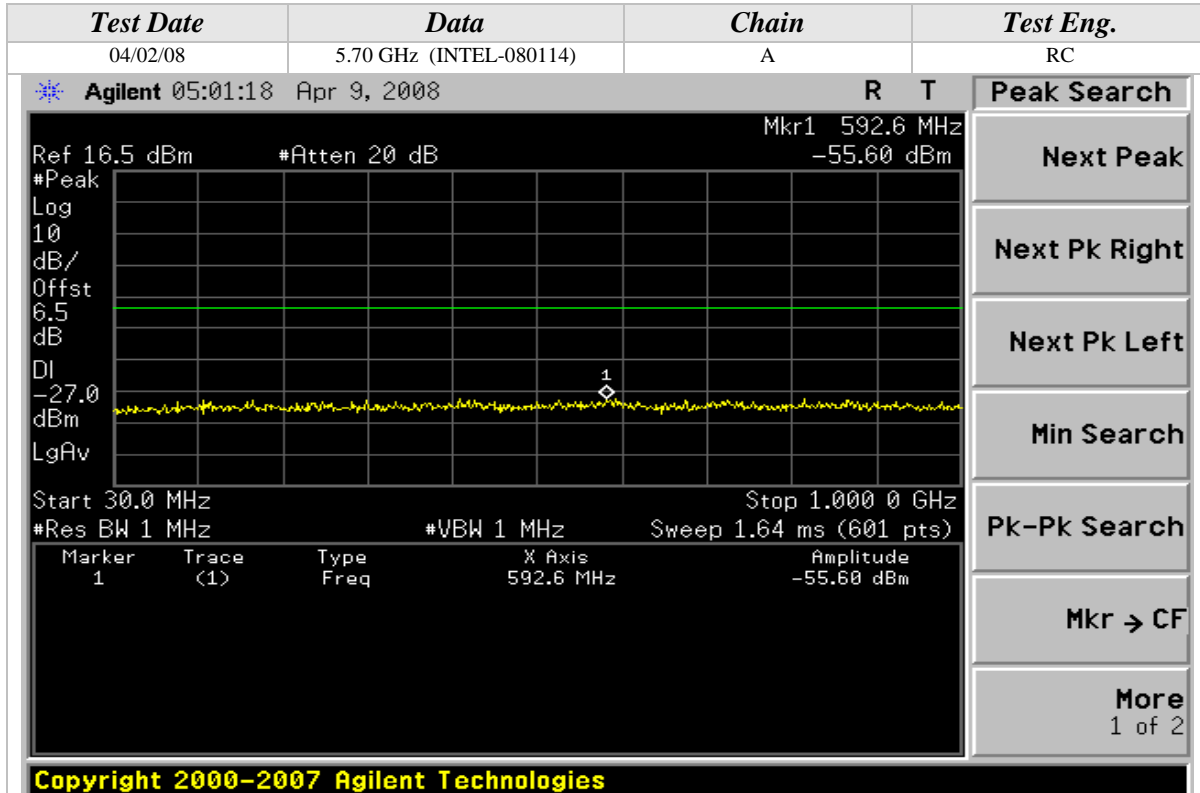
802.11a Mode





Conducted Out Of Band Emissions (Continued)

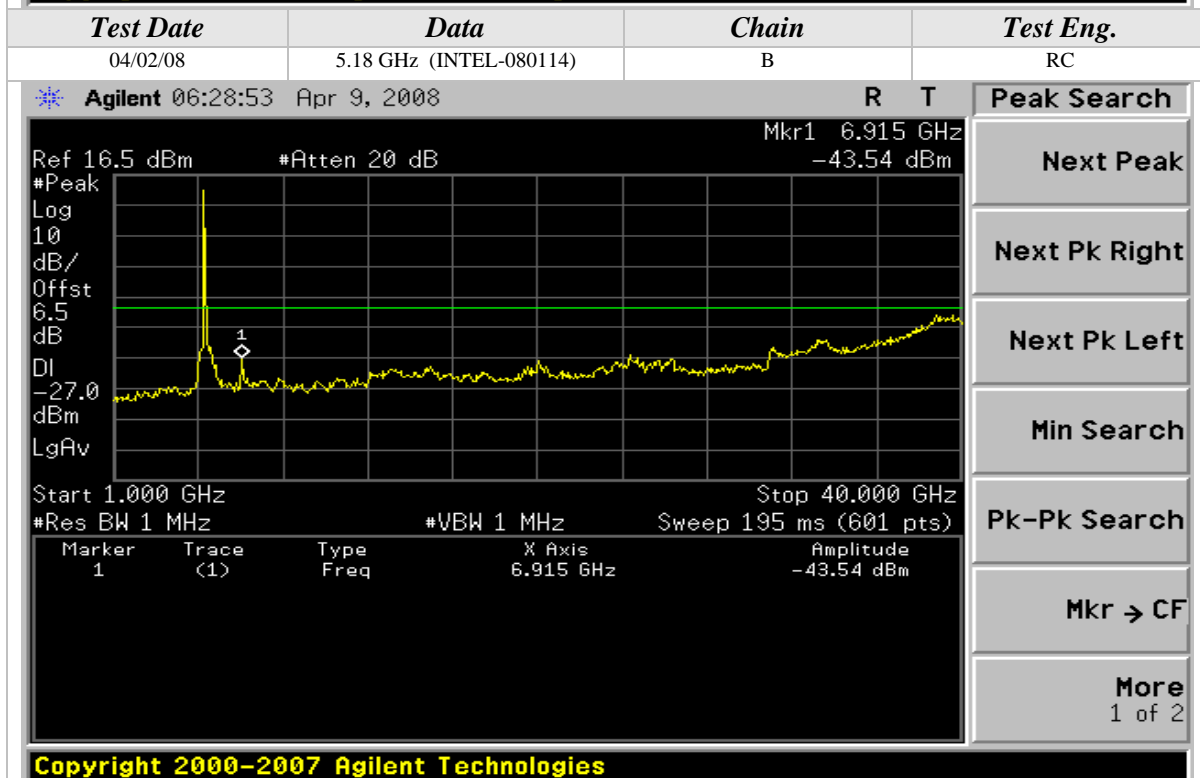
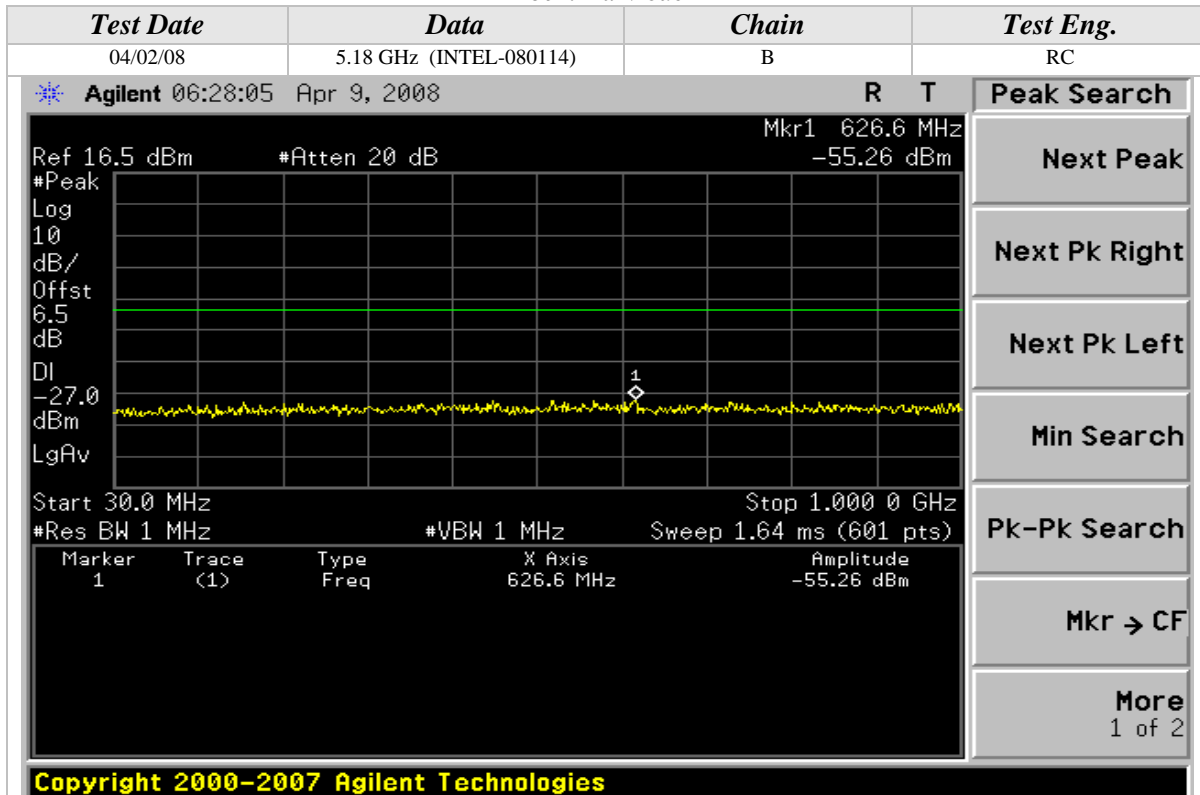
802.11a Mode





Conducted Out Of Band Emissions (Continued)

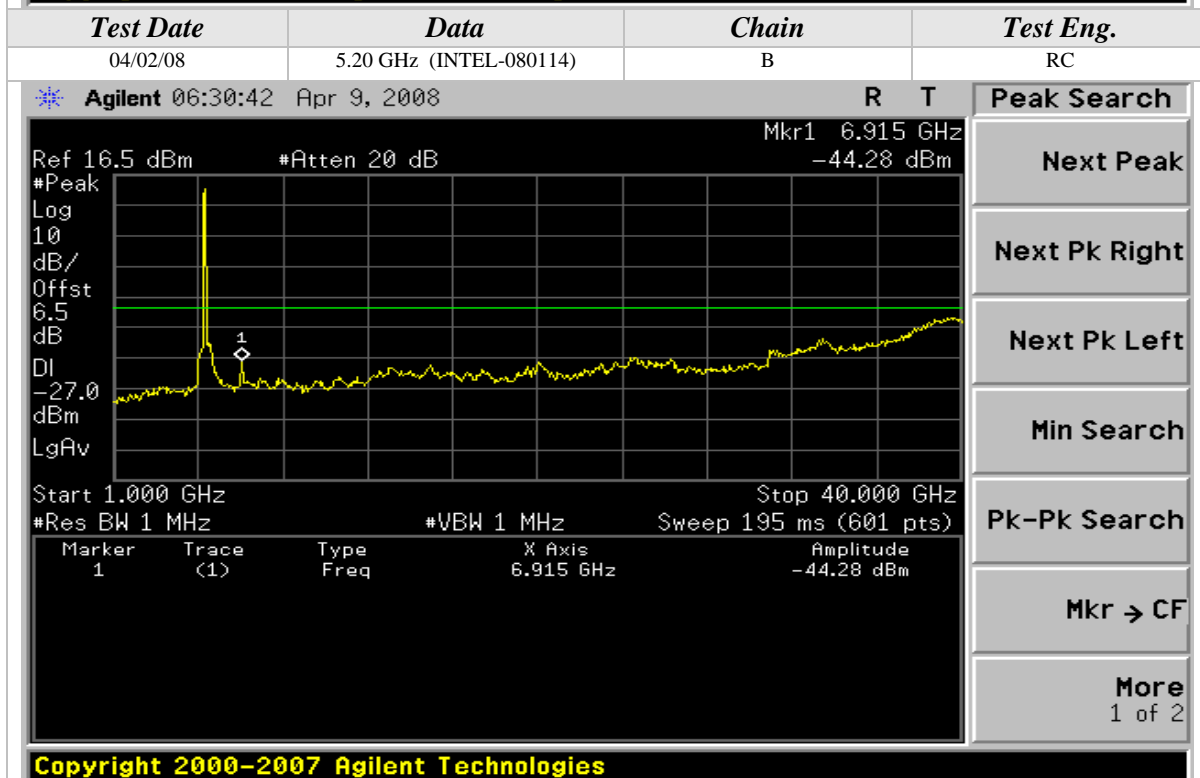
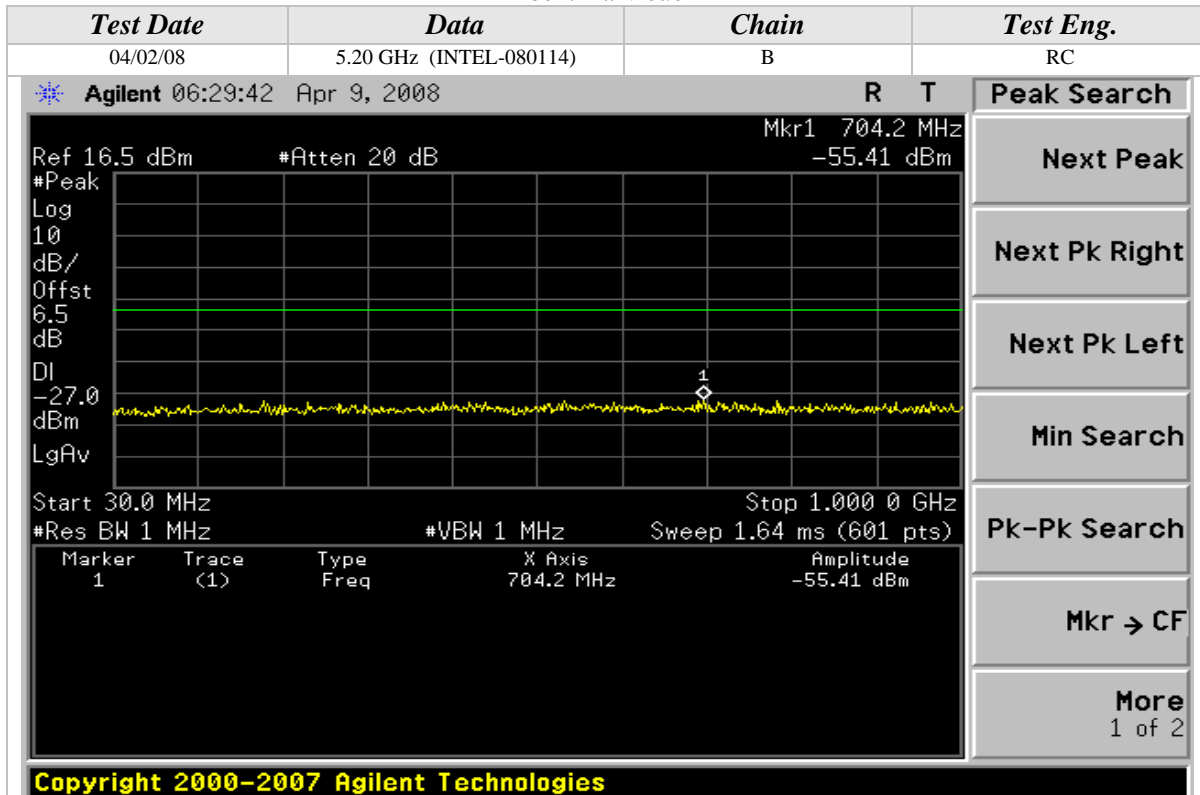
802.11a Mode





Conducted Out Of Band Emissions (Continued)

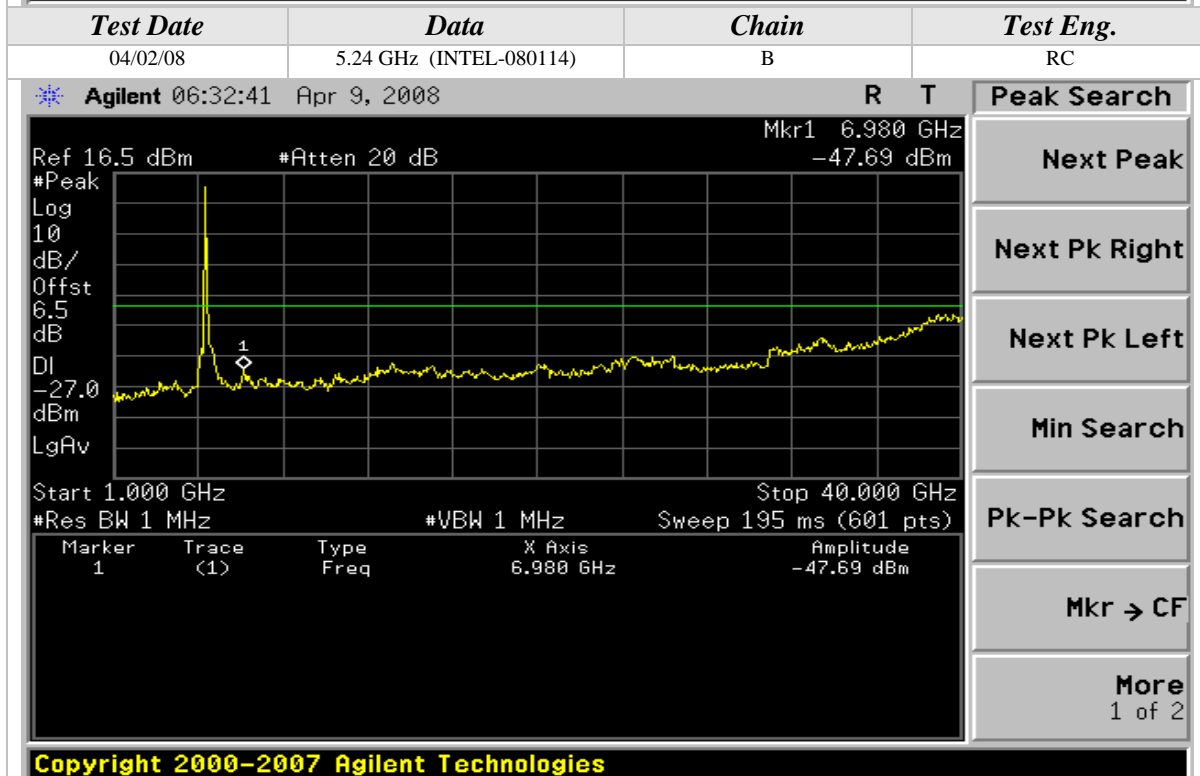
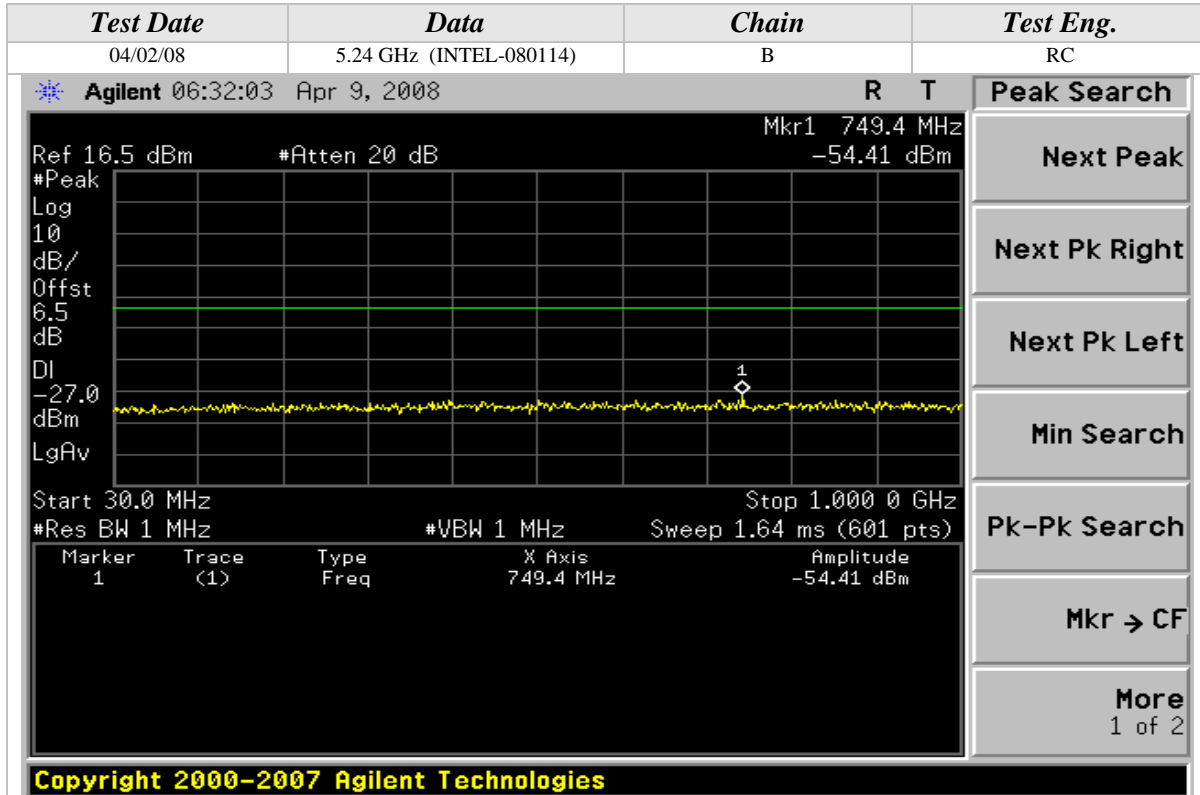
802.11a Mode





Conducted Out Of Band Emissions (Continued)

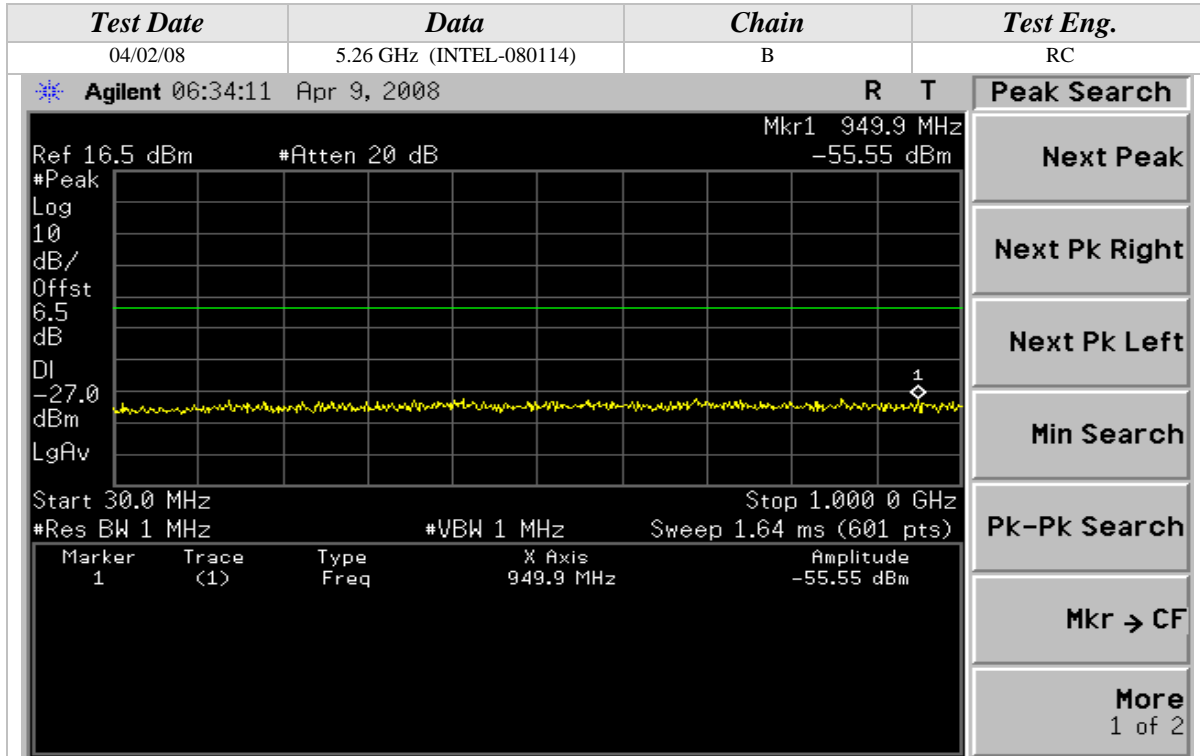
802.11a Mode



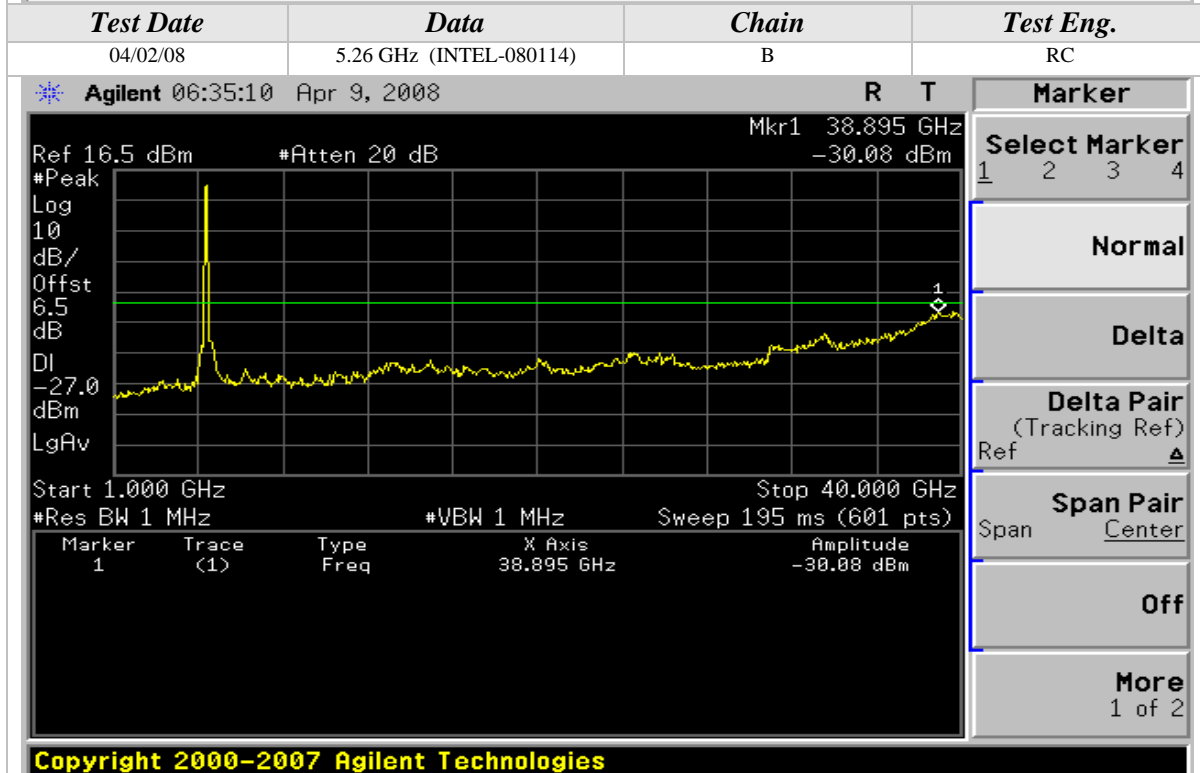


Conducted Out Of Band Emissions (Continued)

802.11a Mode



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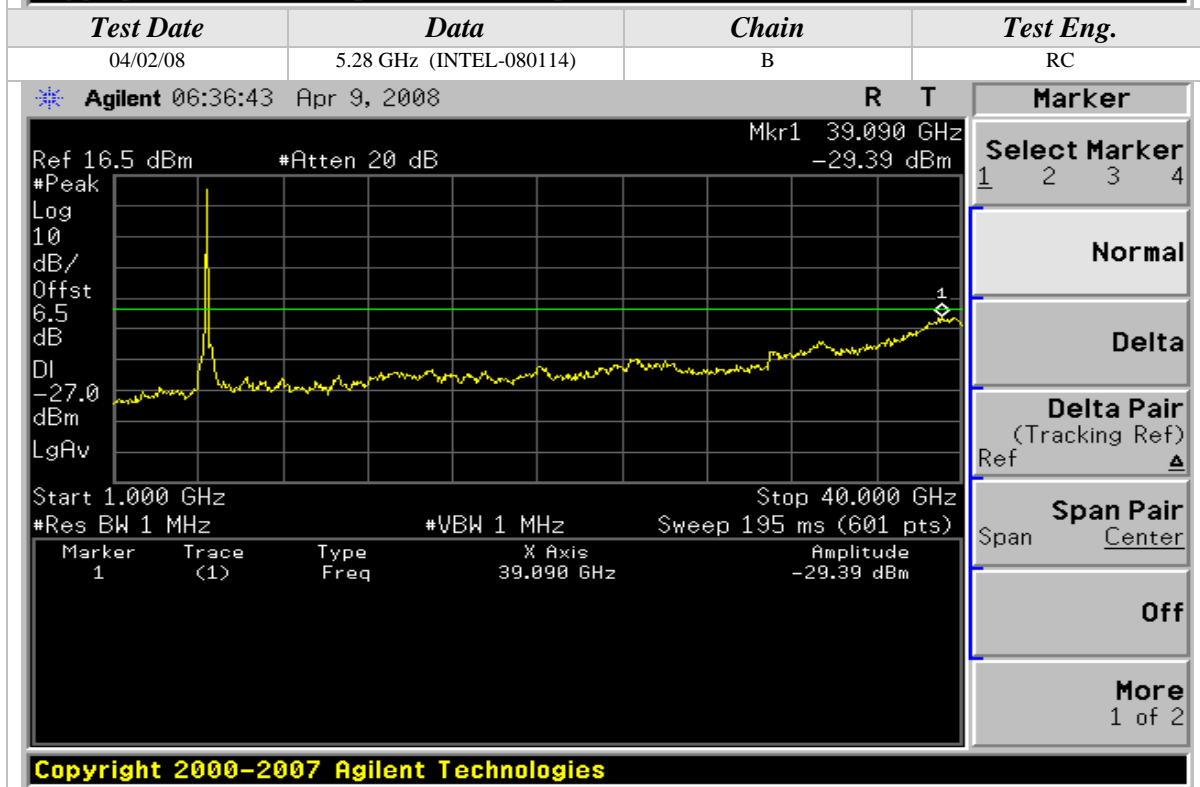
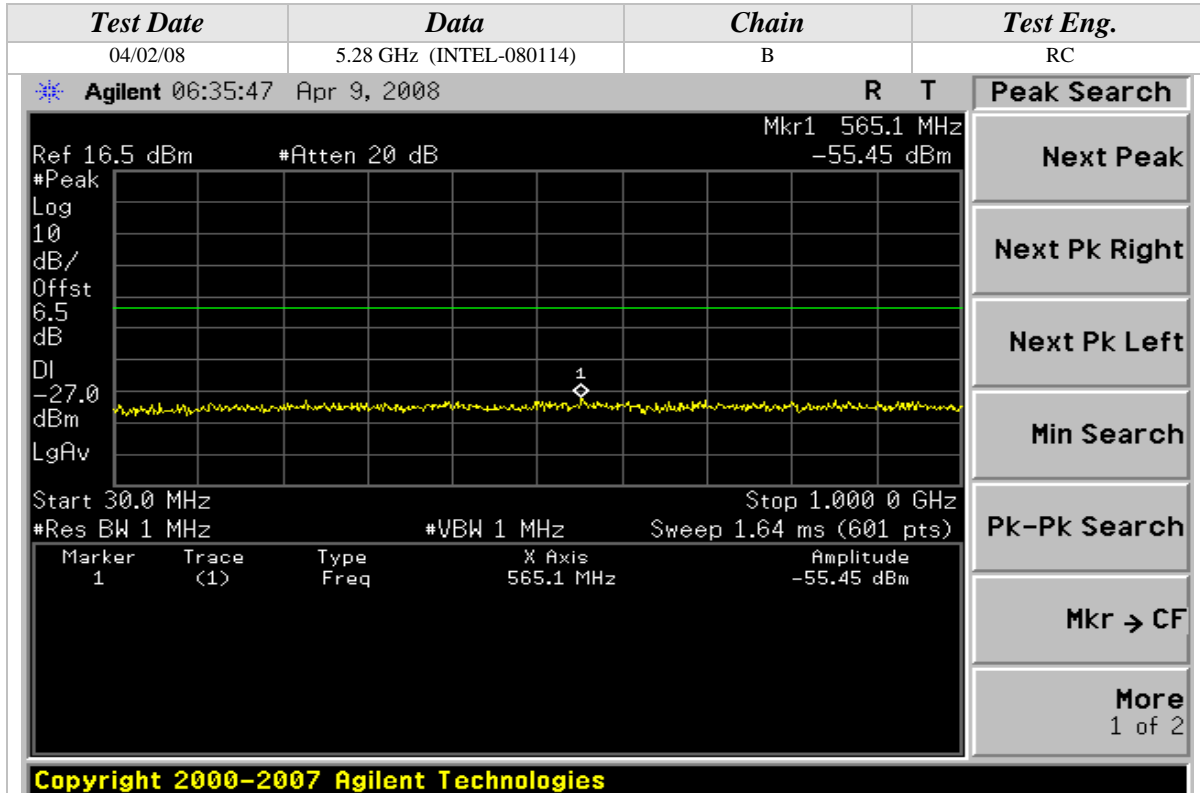


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Conducted Out Of Band Emissions (Continued)

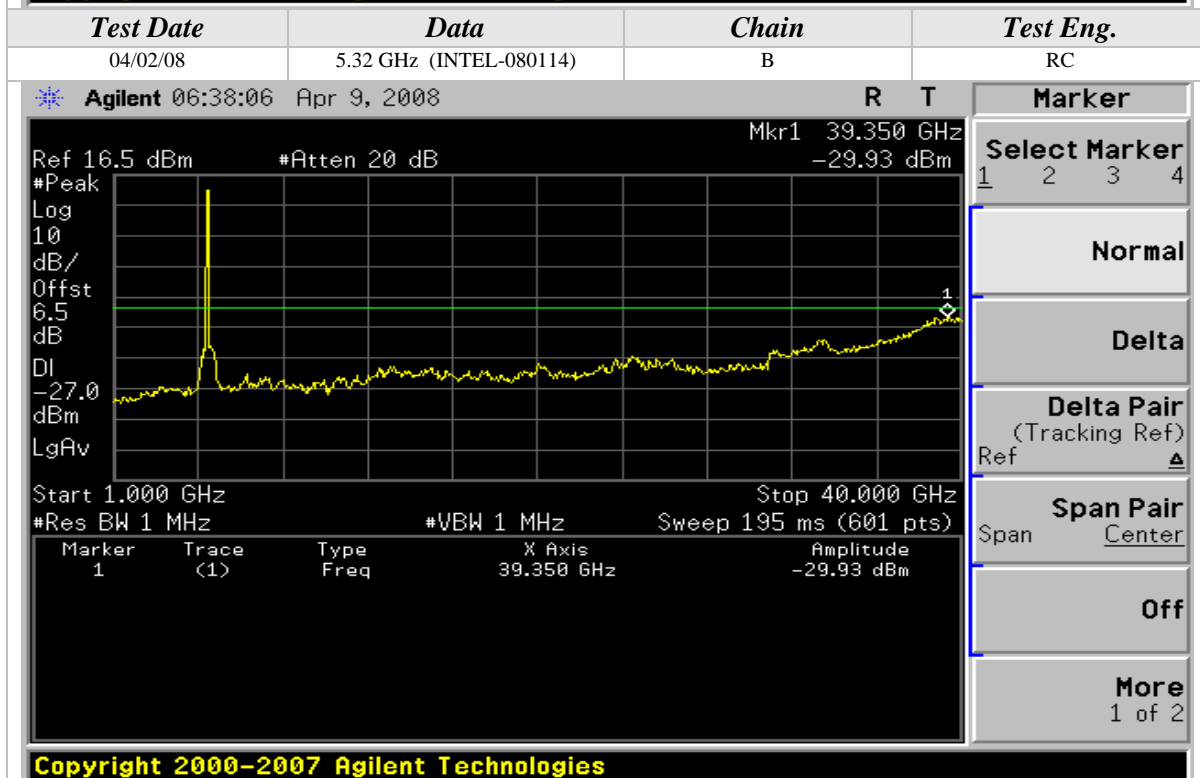
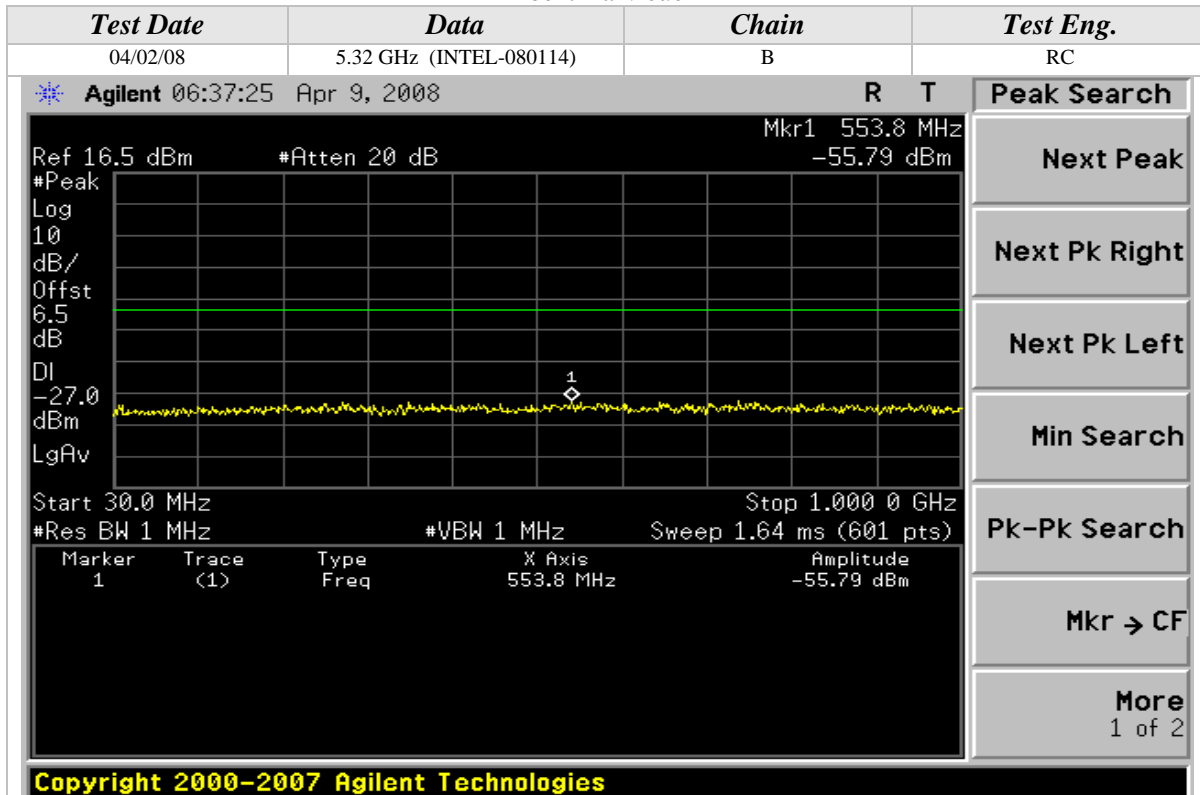
802.11a Mode





Conducted Out Of Band Emissions (Continued)

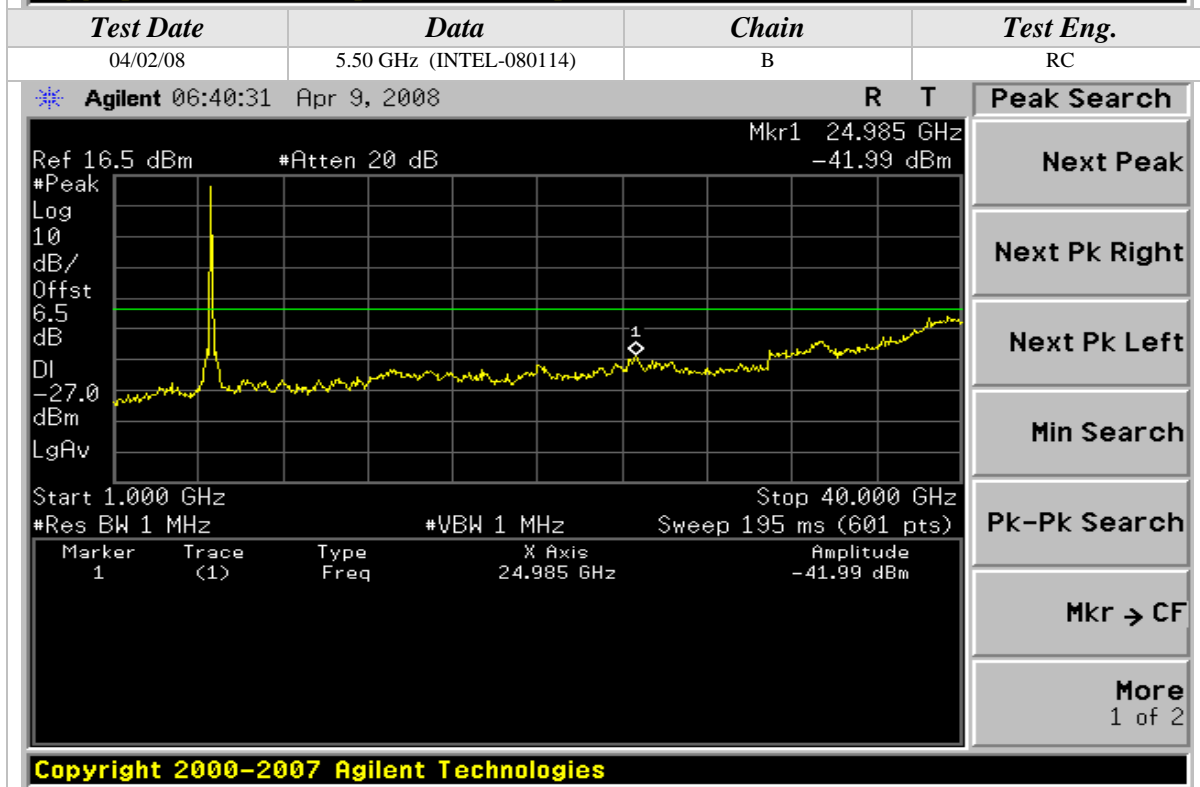
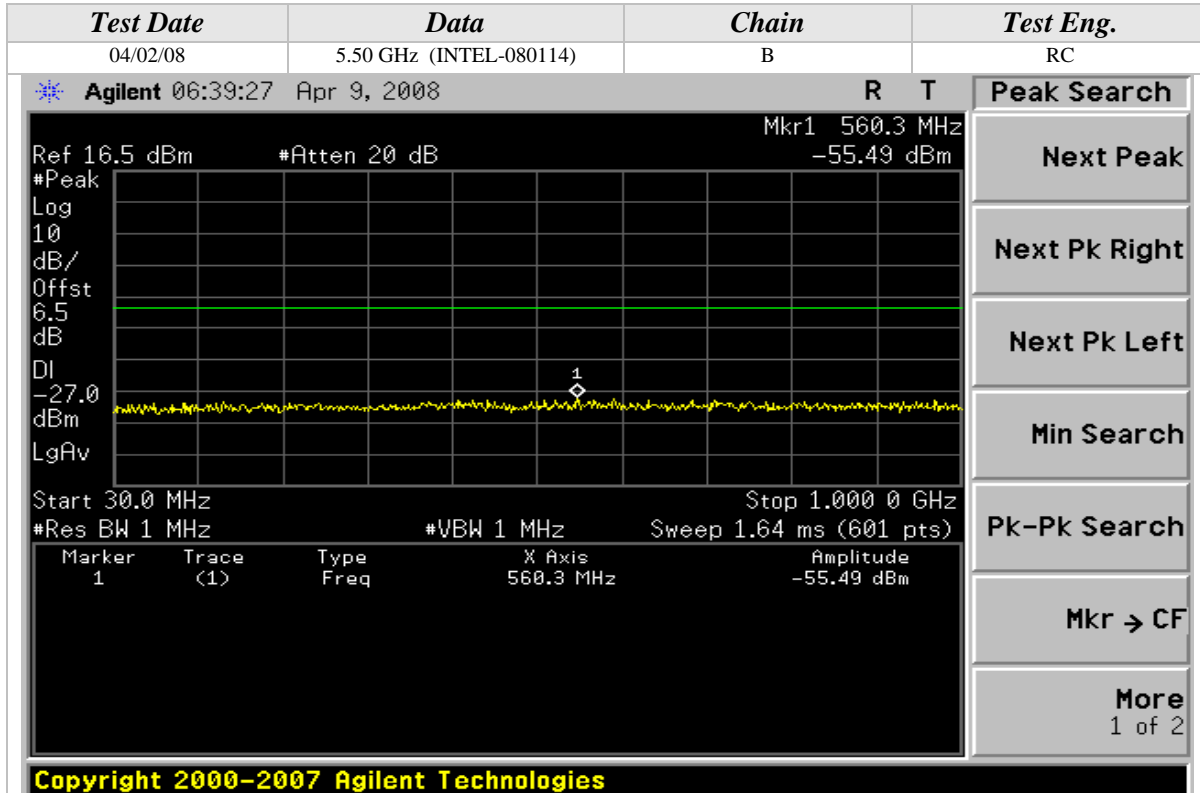
802.11a Mode





Conducted Out Of Band Emissions (Continued)

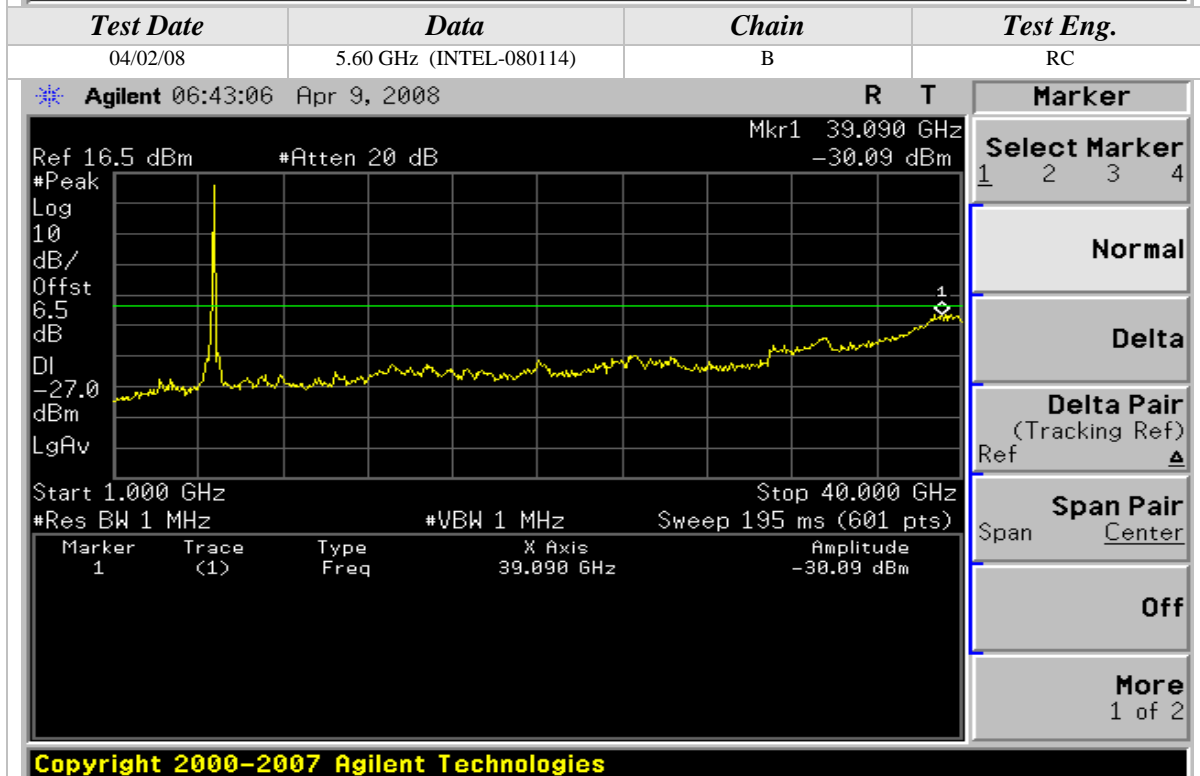
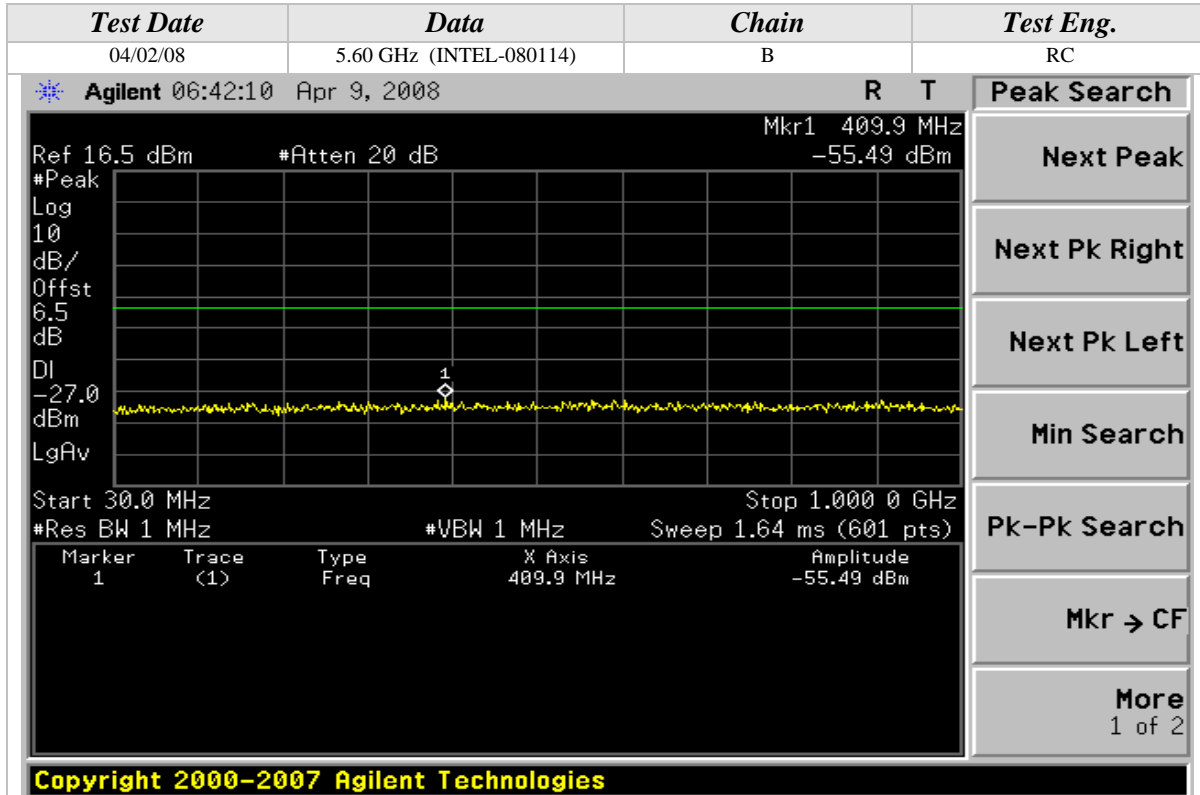
802.11a Mode





Conducted Out Of Band Emissions (Continued)

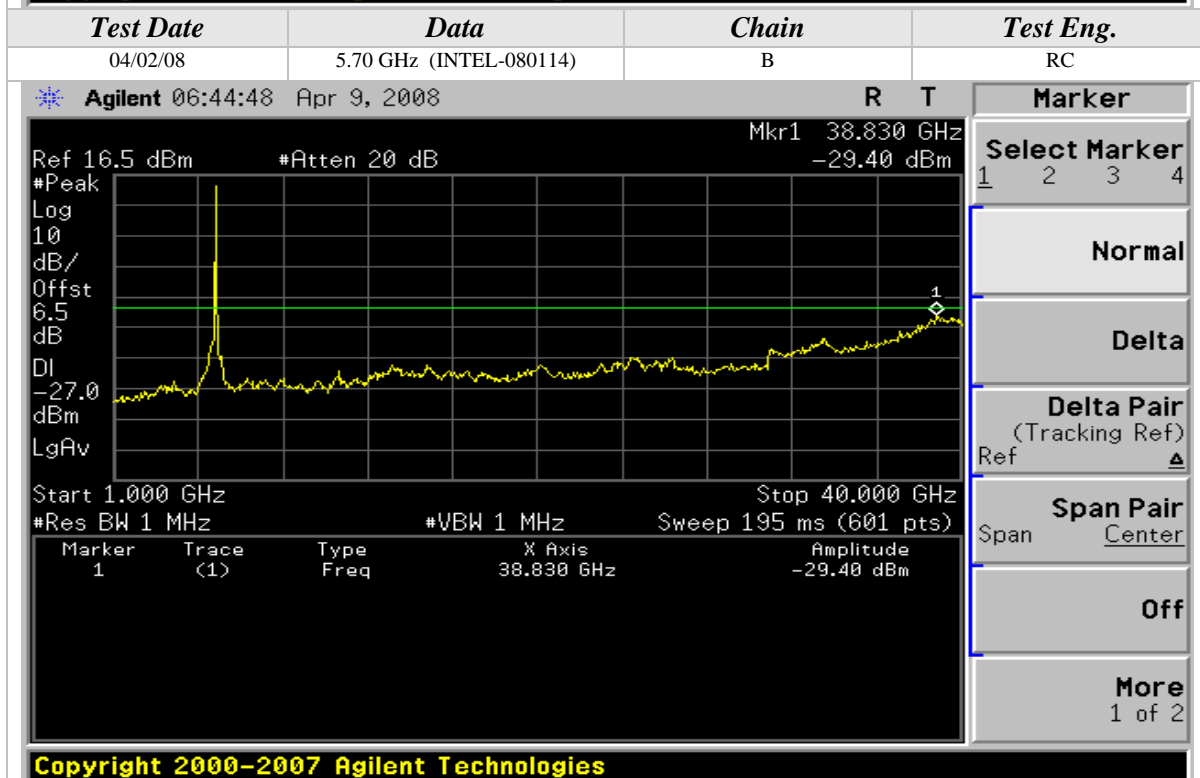
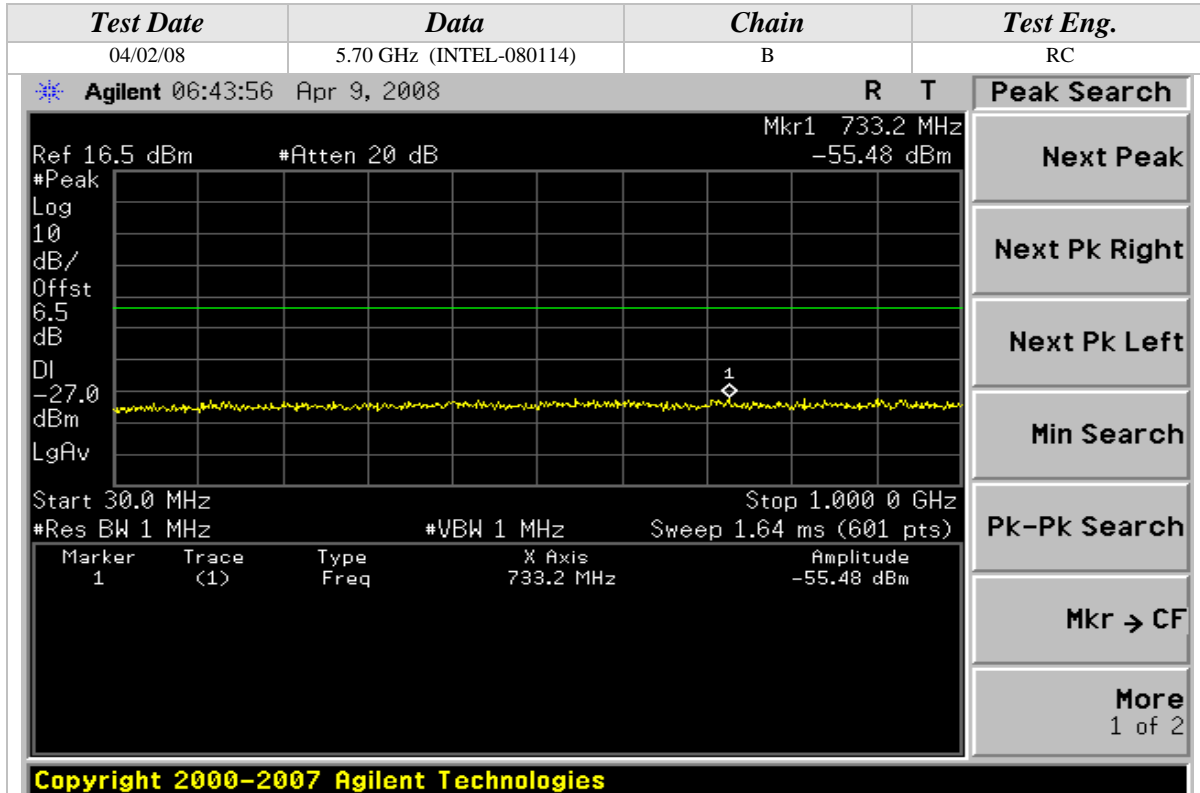
802.11a Mode





Conducted Out Of Band Emissions (Continued)

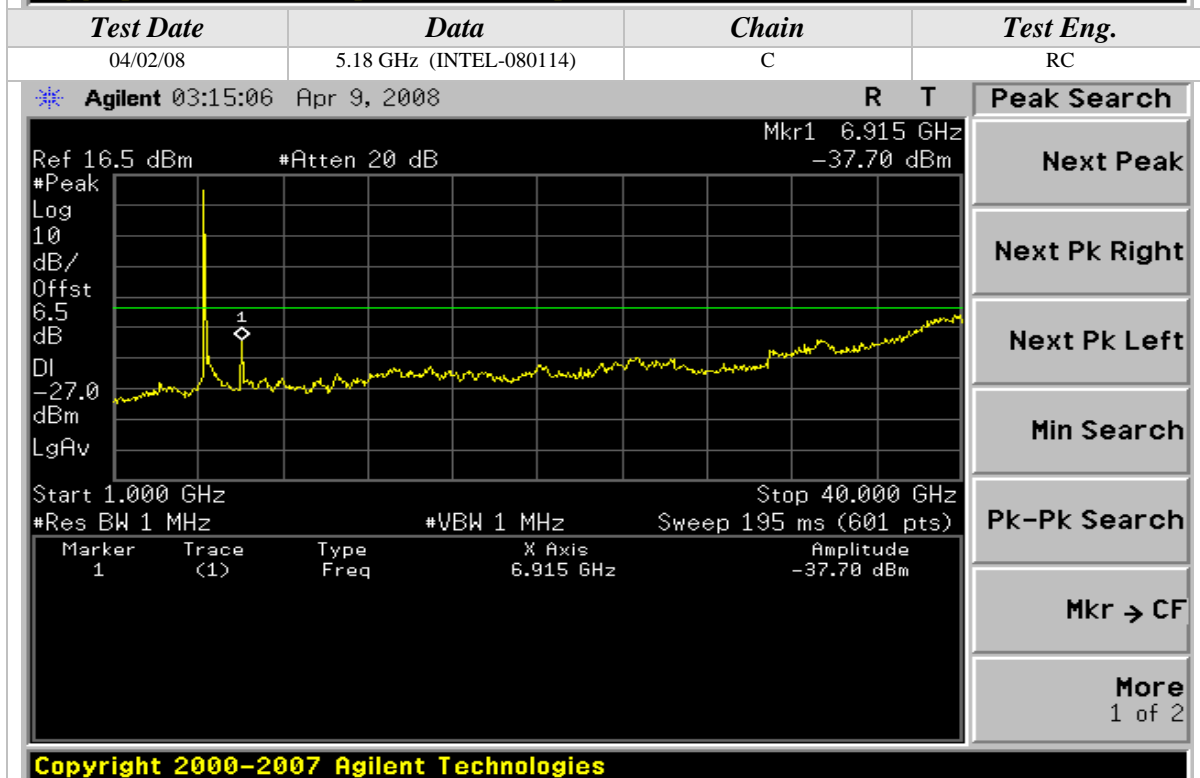
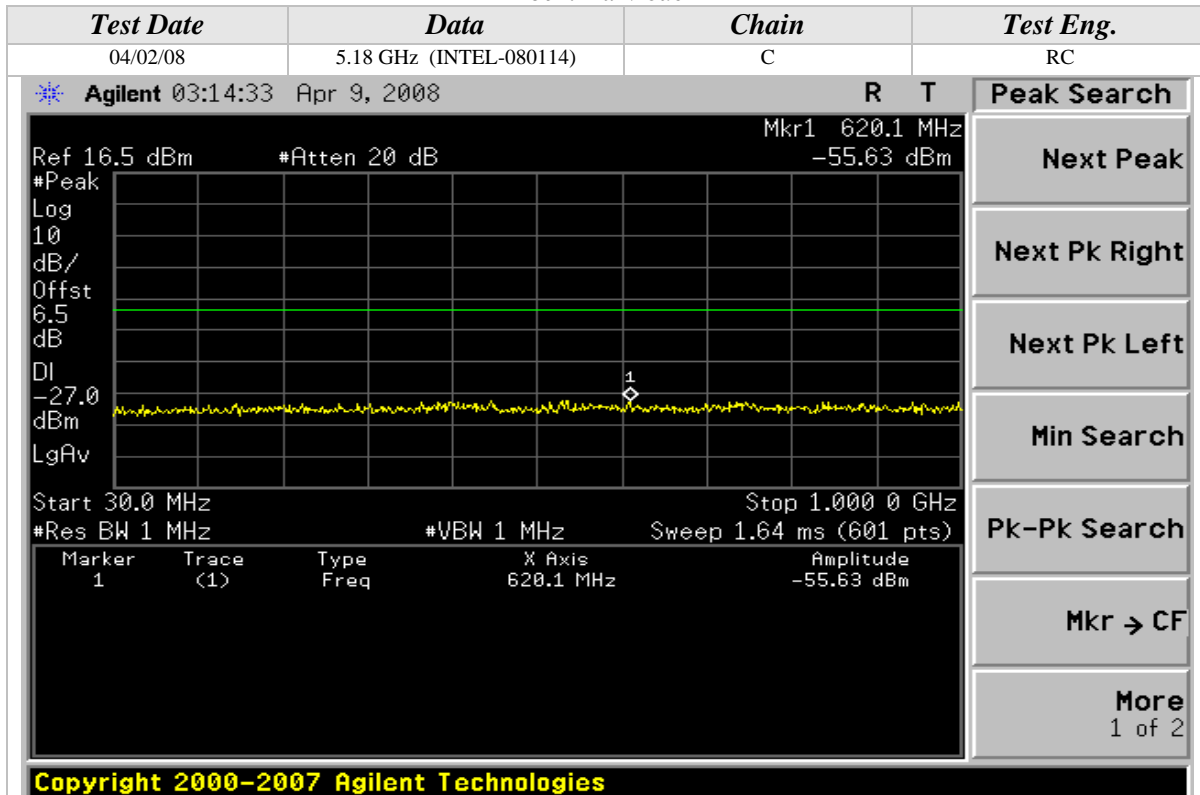
802.11a Mode





Conducted Out Of Band Emissions (Continued)

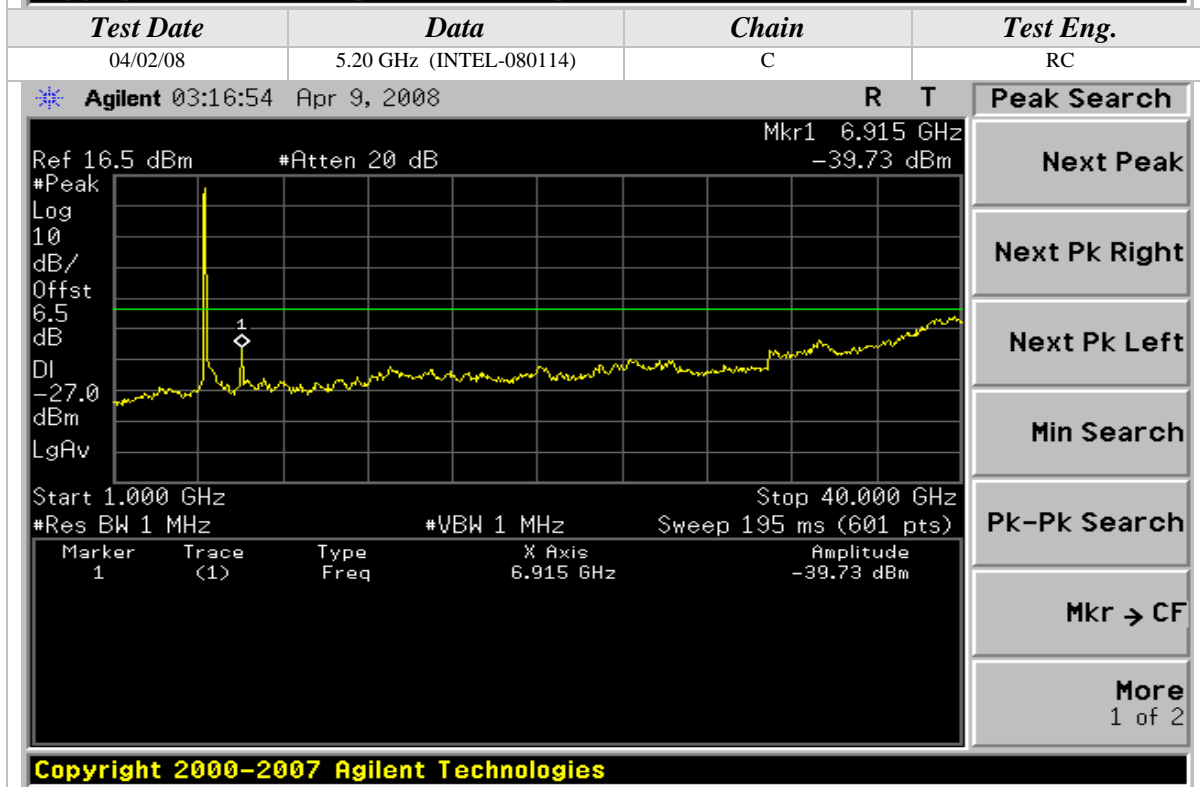
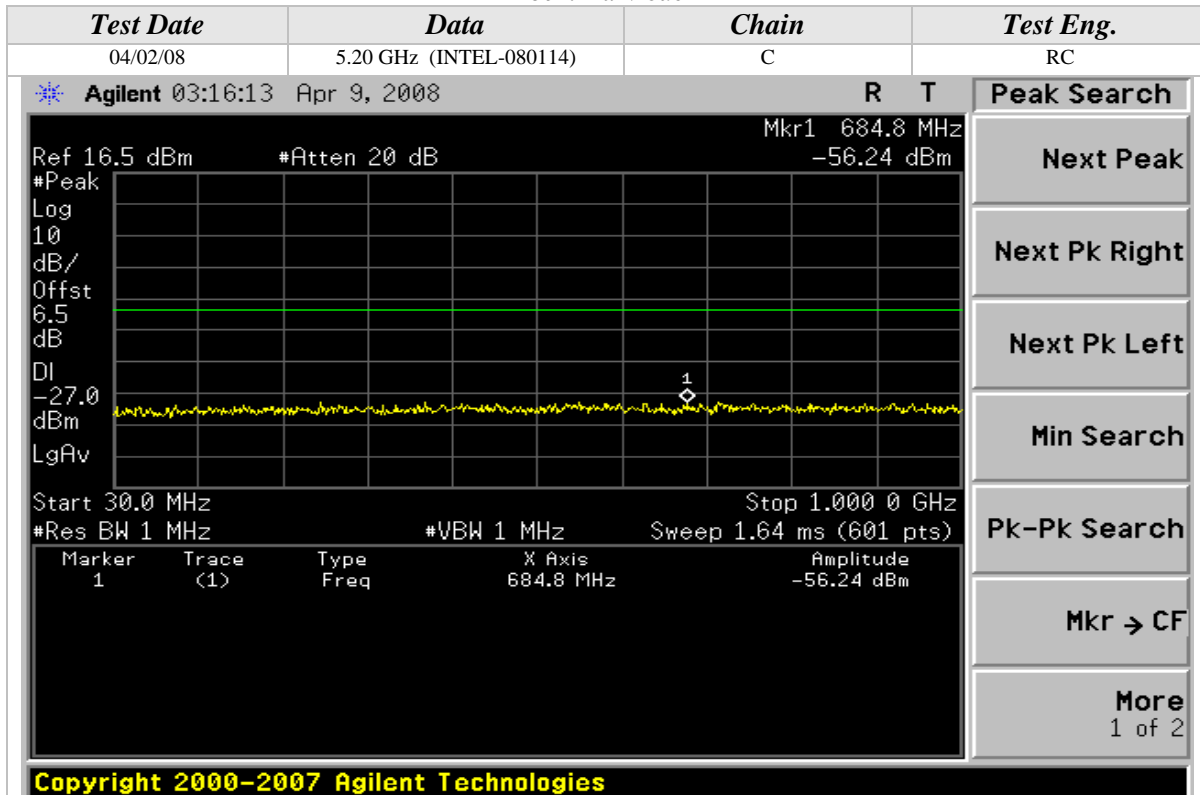
802.11a Mode





Conducted Out Of Band Emissions (Continued)

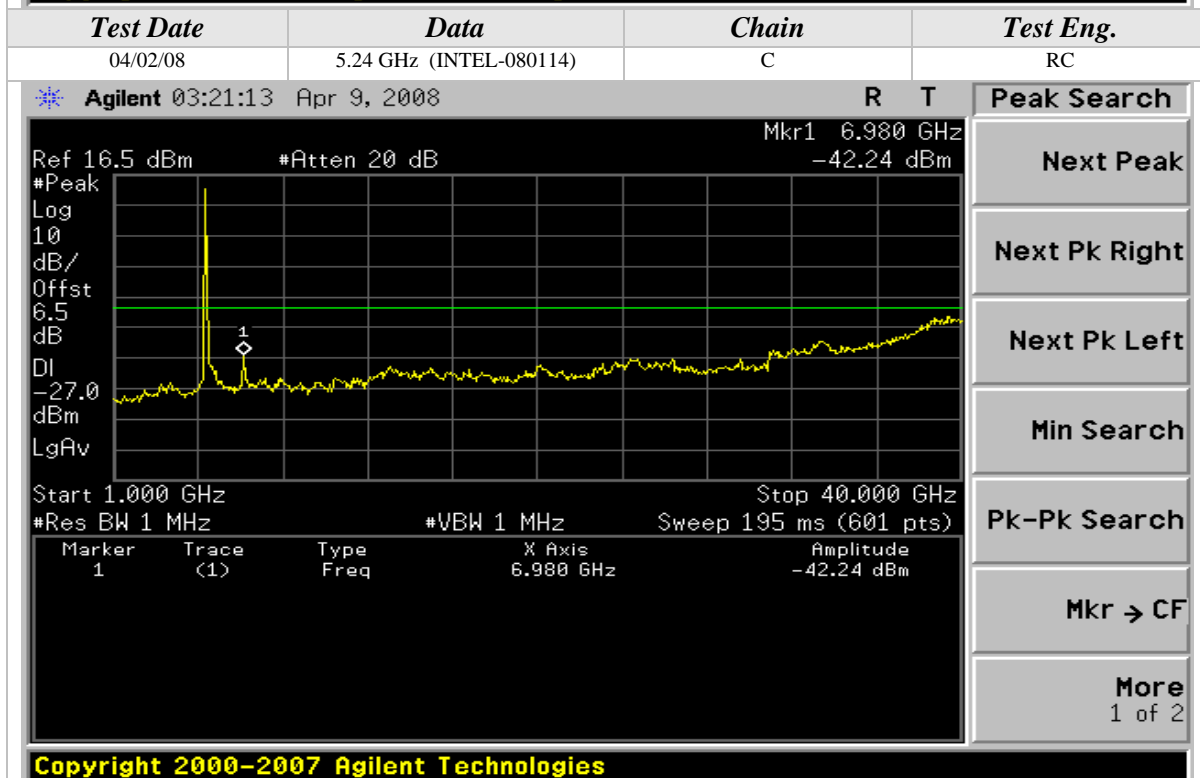
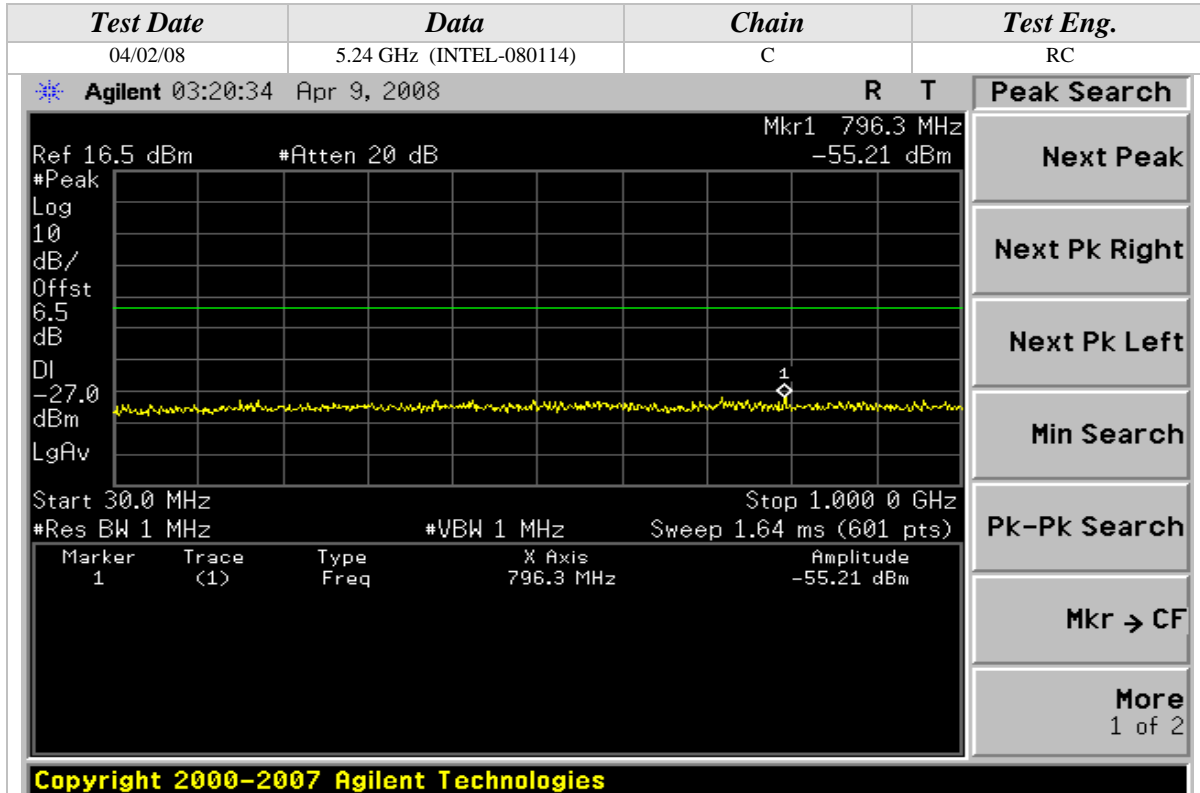
802.11a Mode





Conducted Out Of Band Emissions (Continued)

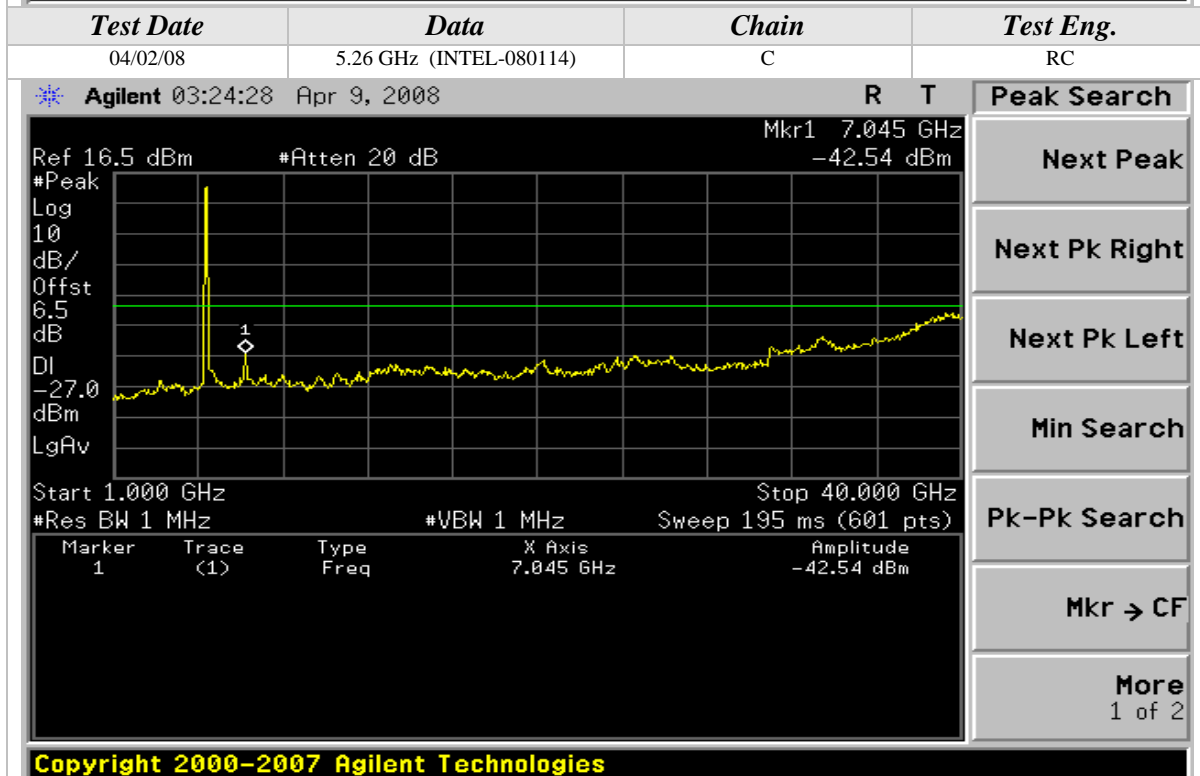
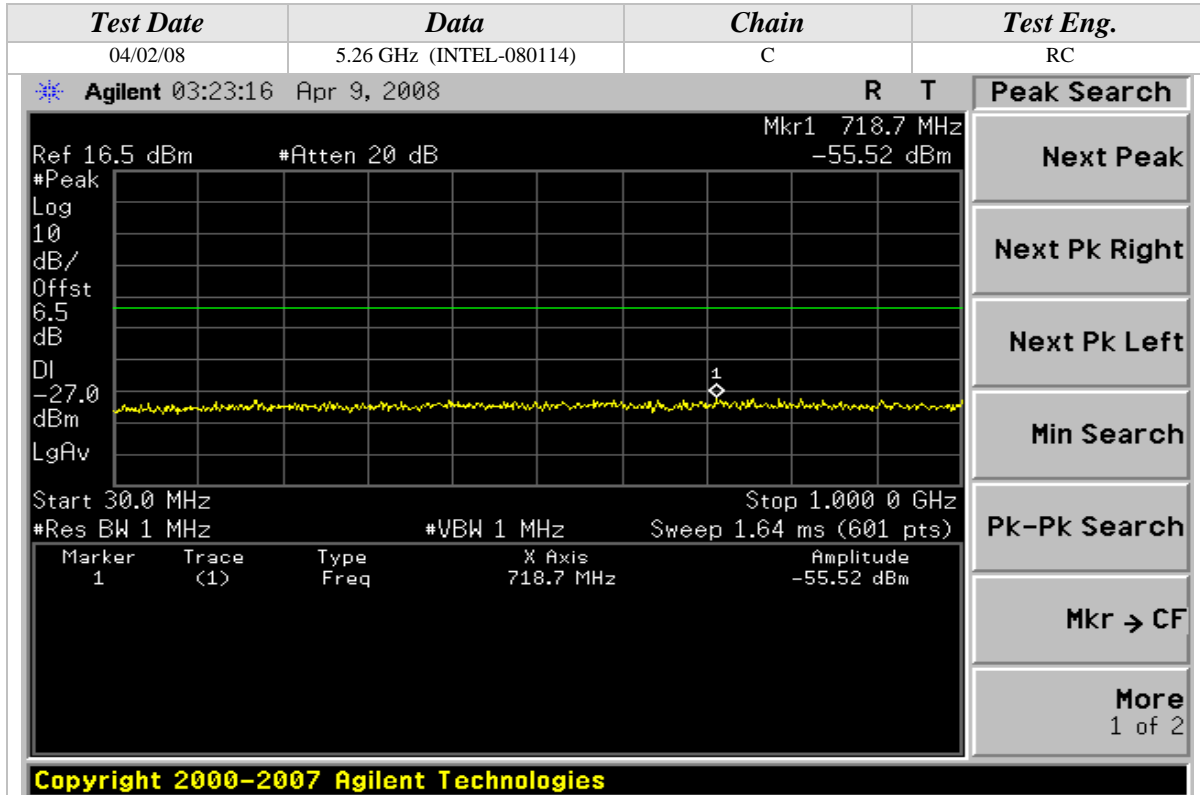
802.11a Mode





Conducted Out Of Band Emissions (Continued)

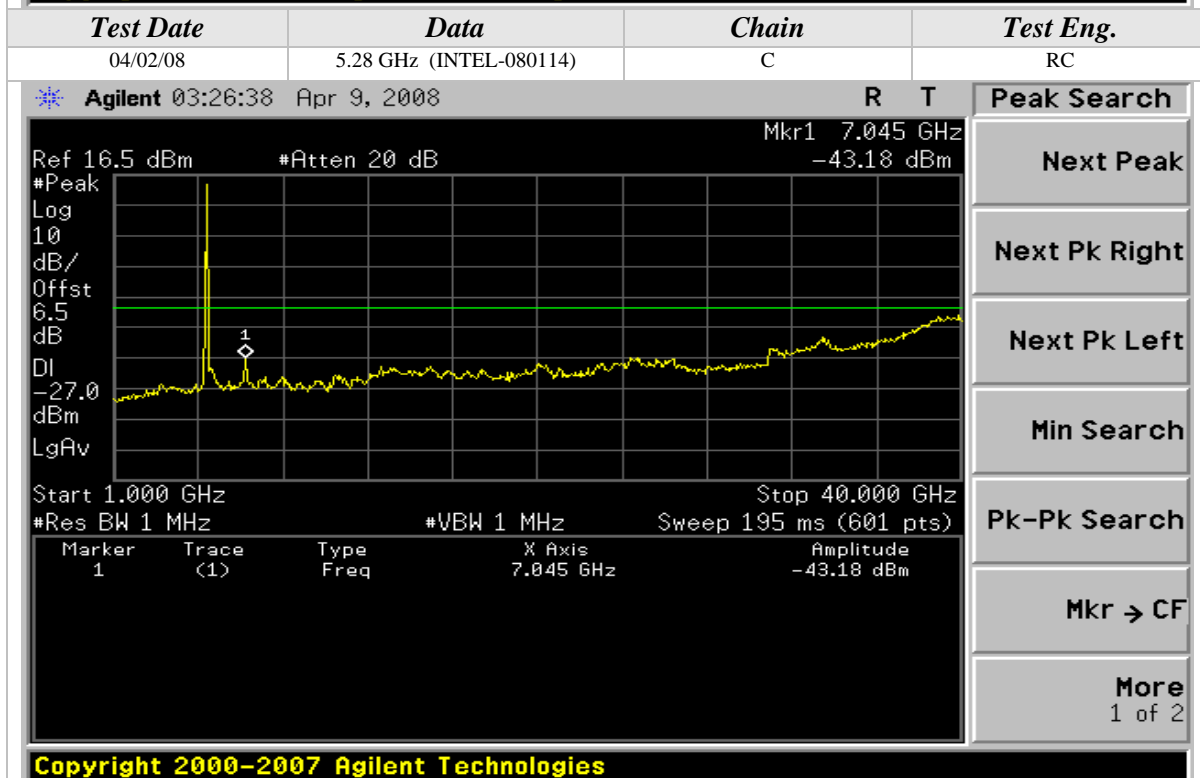
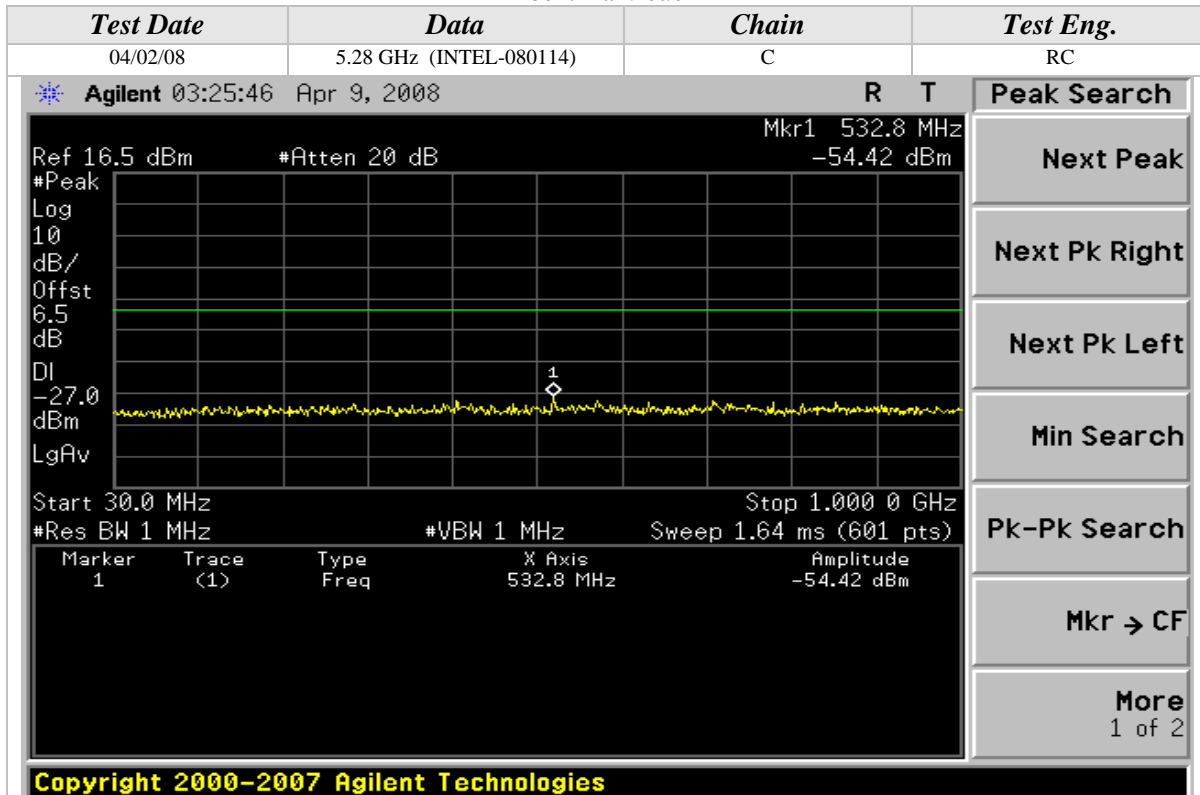
802.11a Mode





Conducted Out Of Band Emissions (Continued)

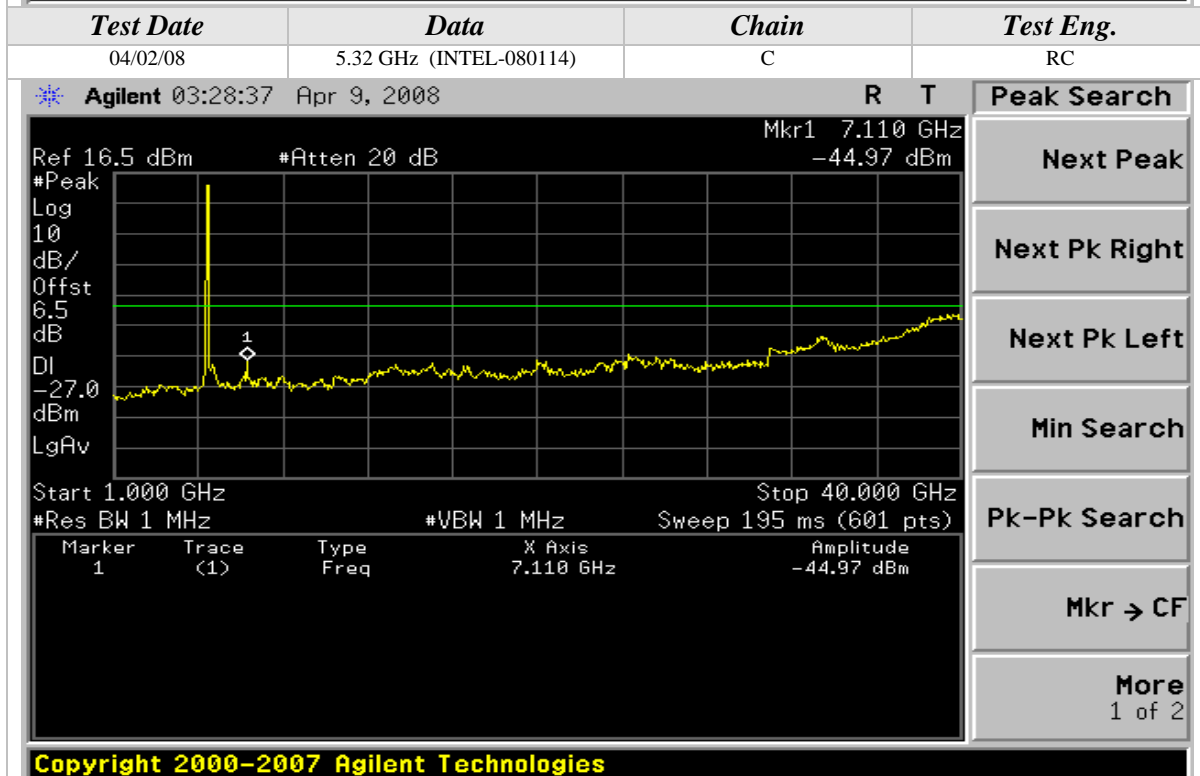
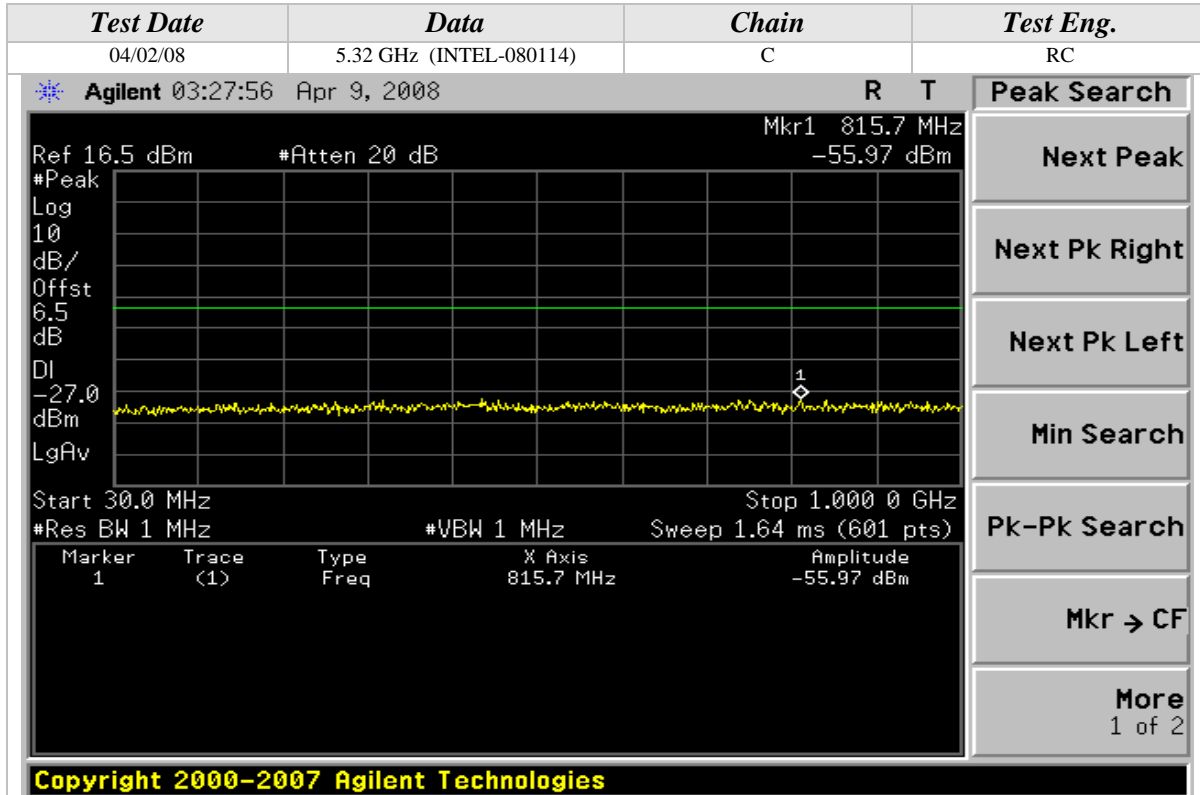
802.11a Mode





Conducted Out Of Band Emissions (Continued)

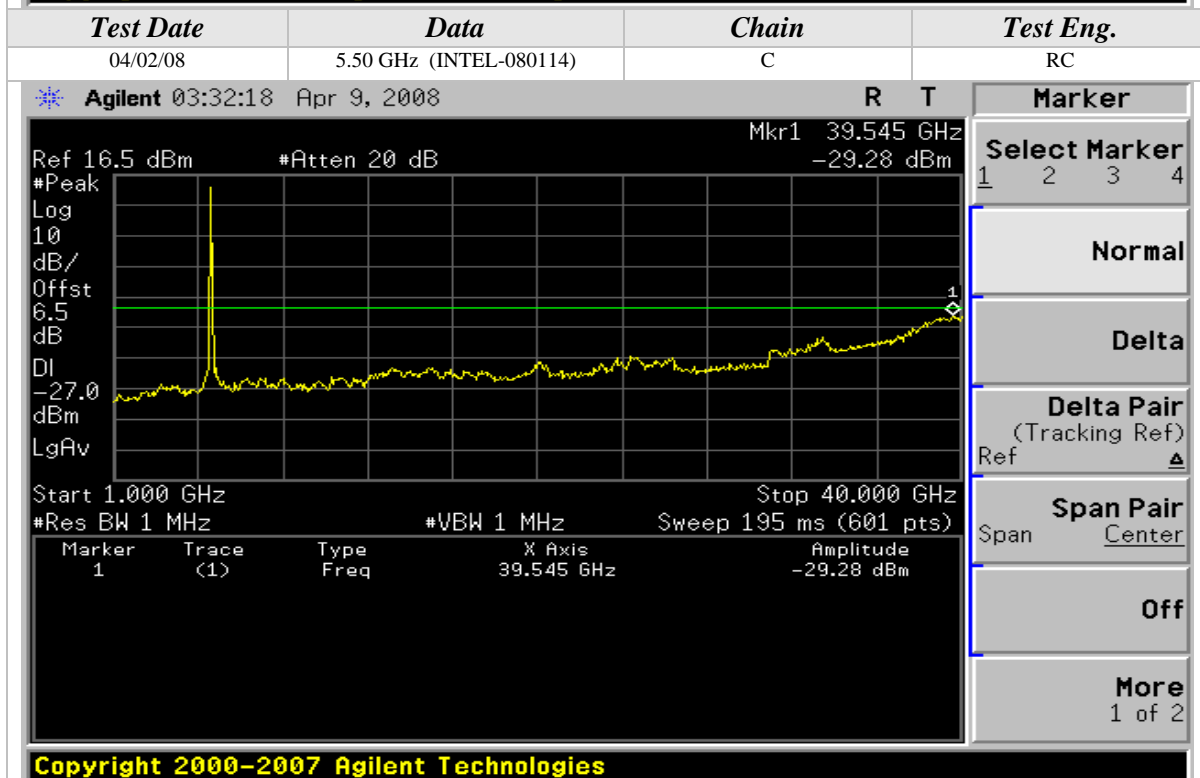
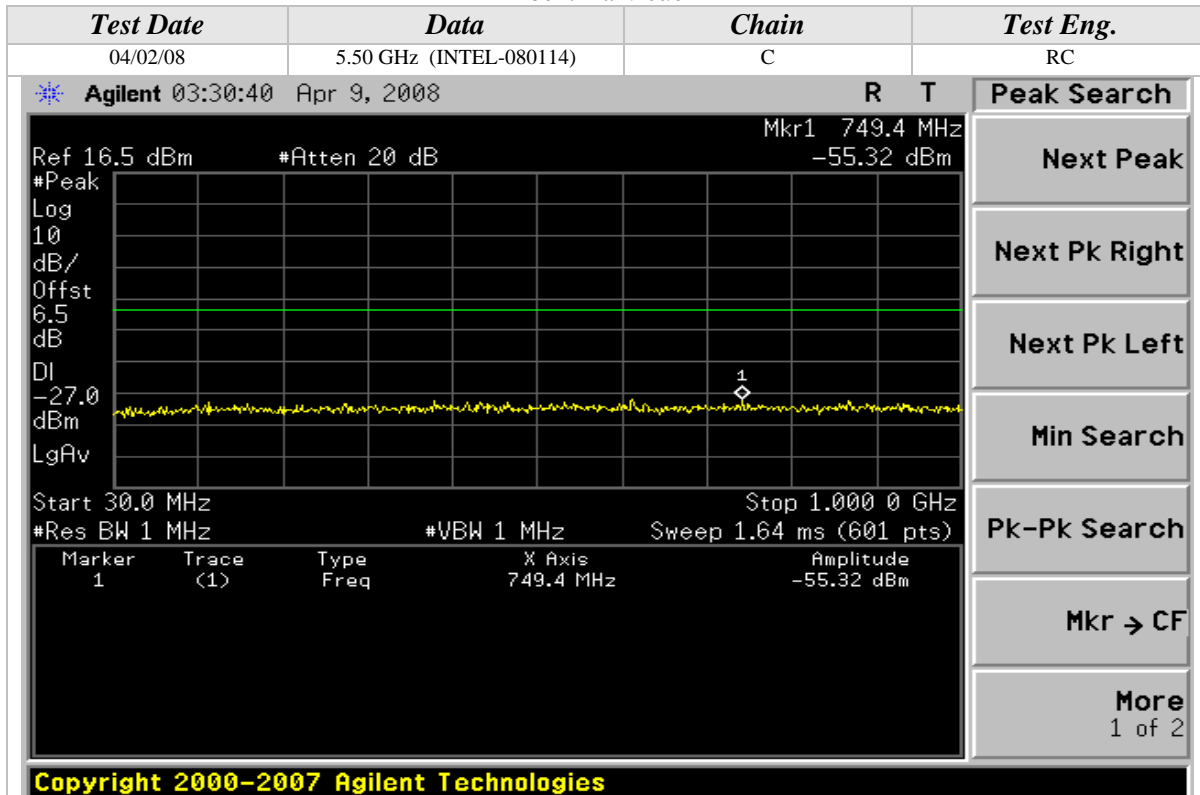
802.11a Mode





Conducted Out Of Band Emissions (Continued)

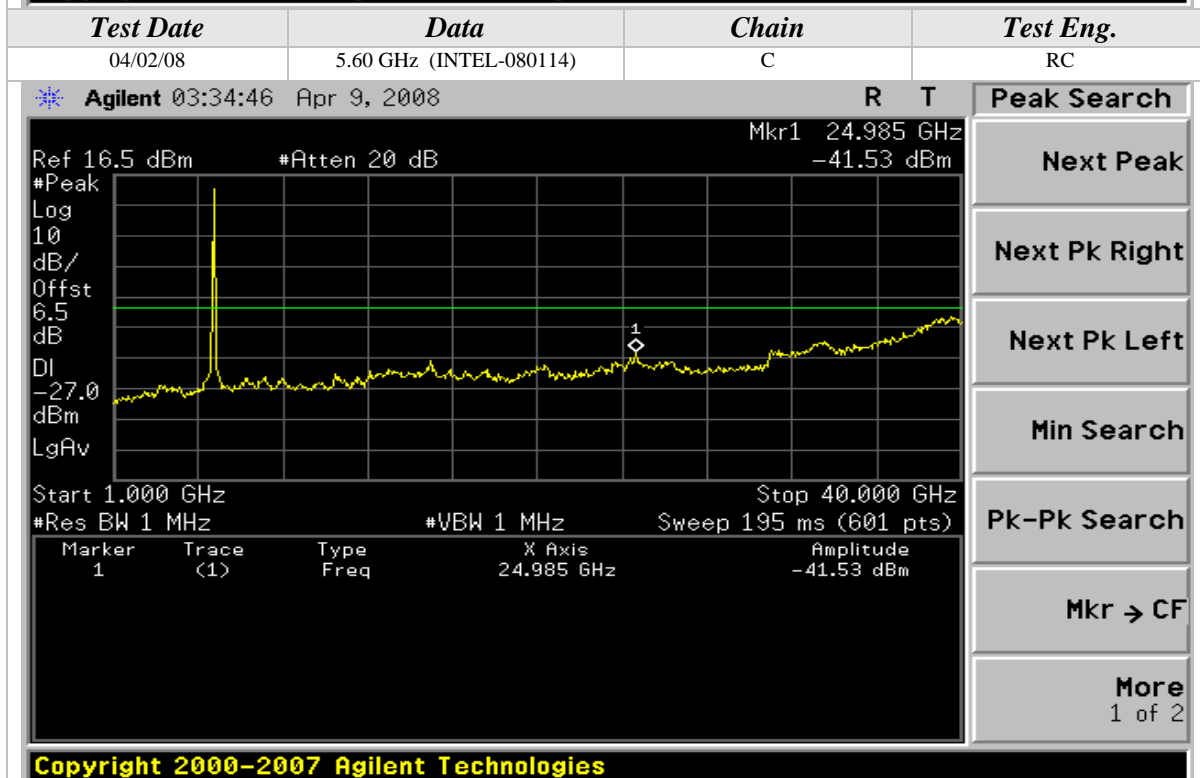
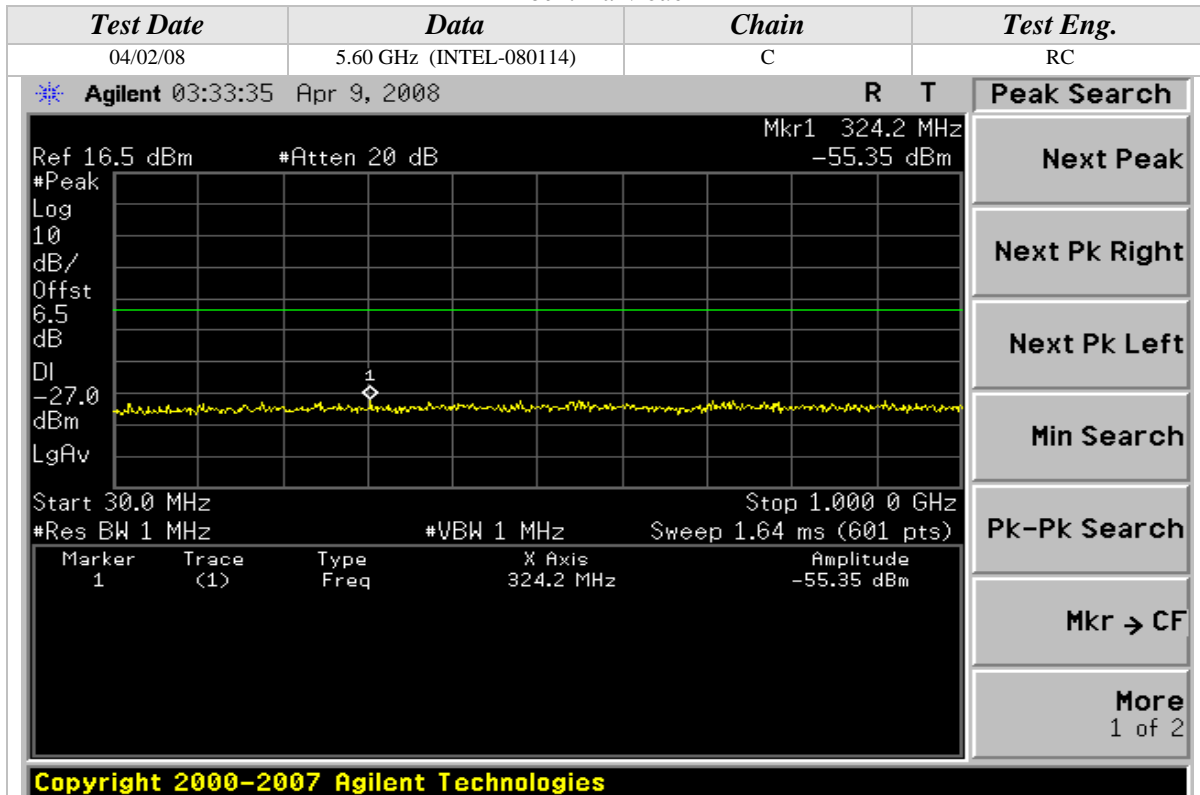
802.11a Mode





Conducted Out Of Band Emissions (Continued)

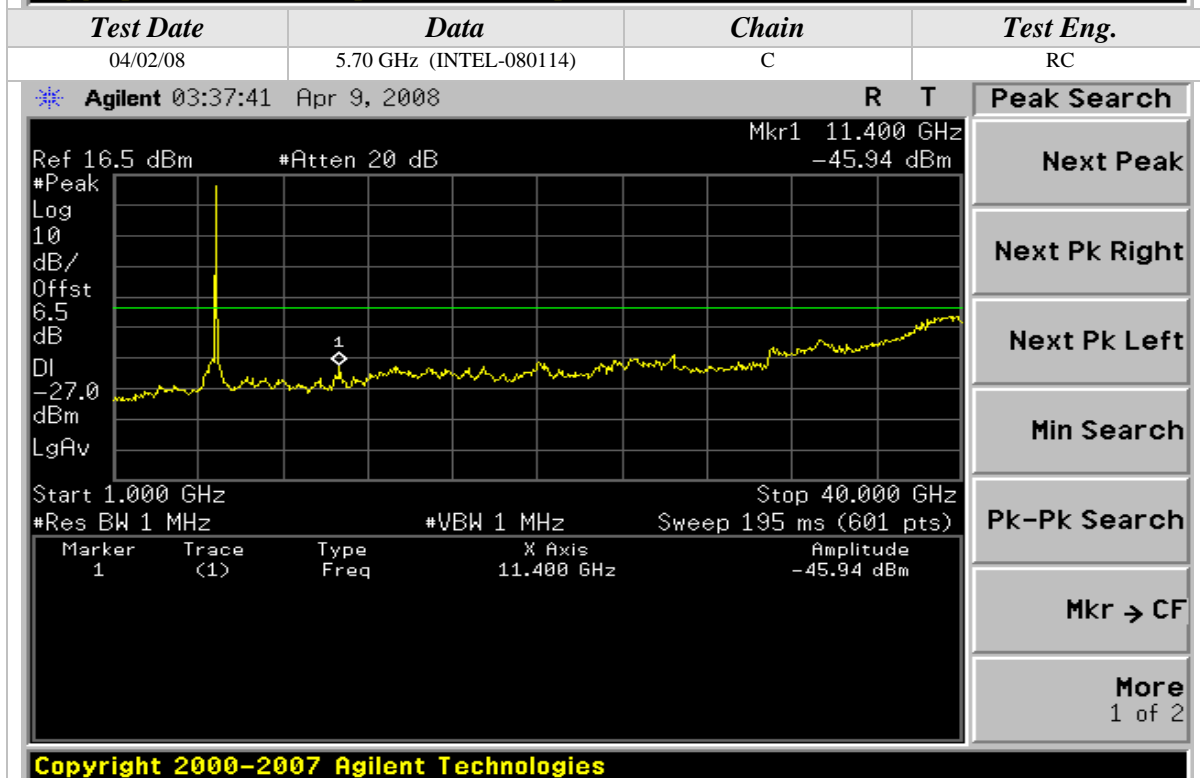
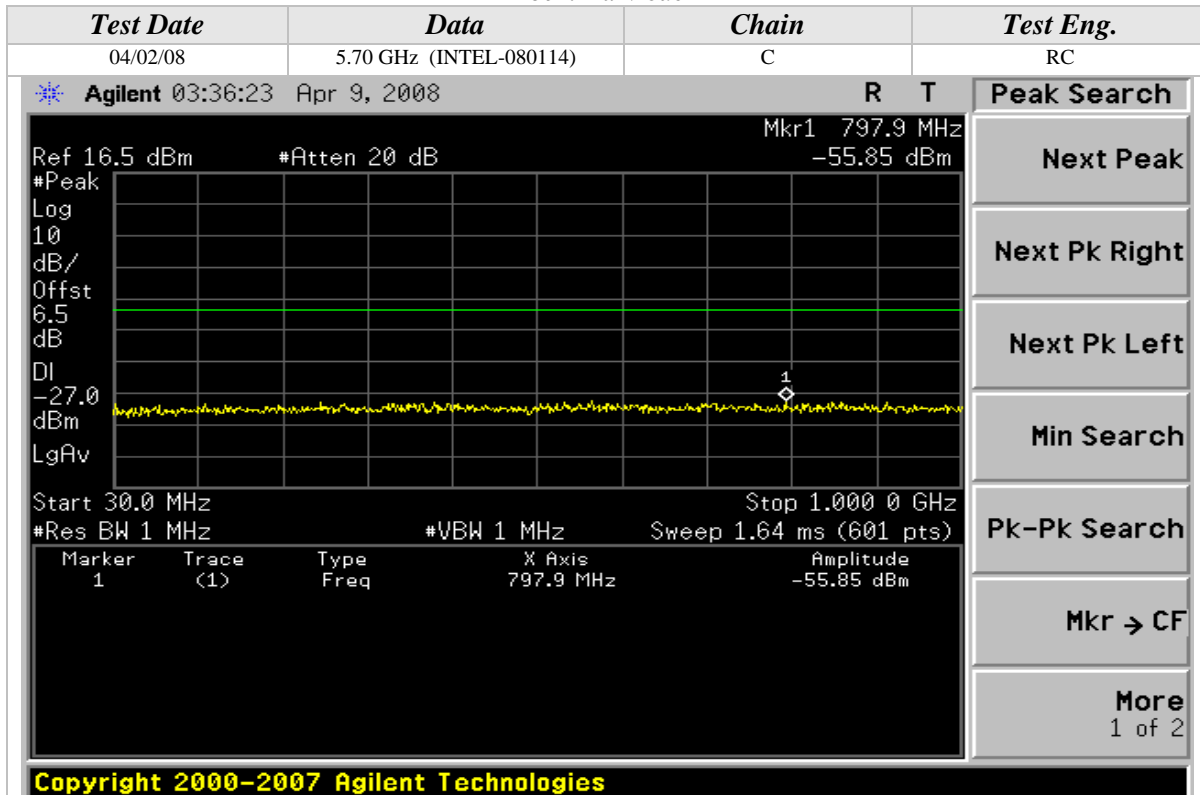
802.11a Mode





Conducted Out Of Band Emissions (Continued)

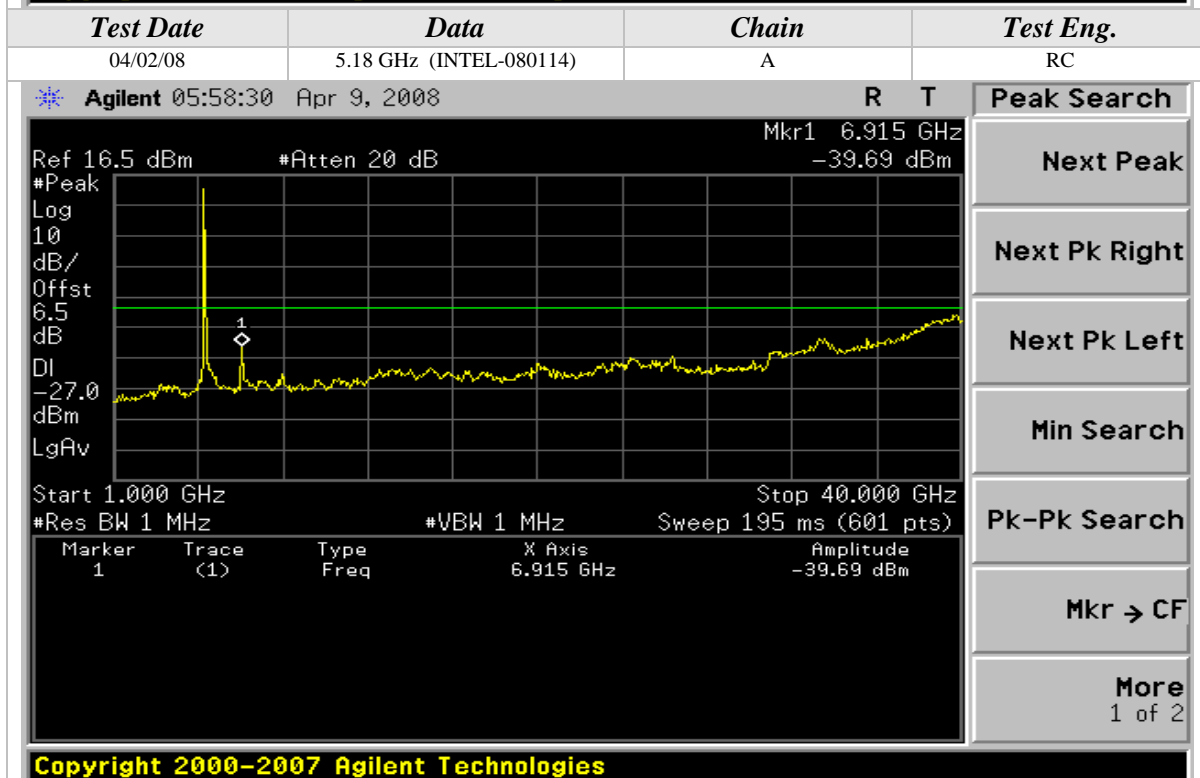
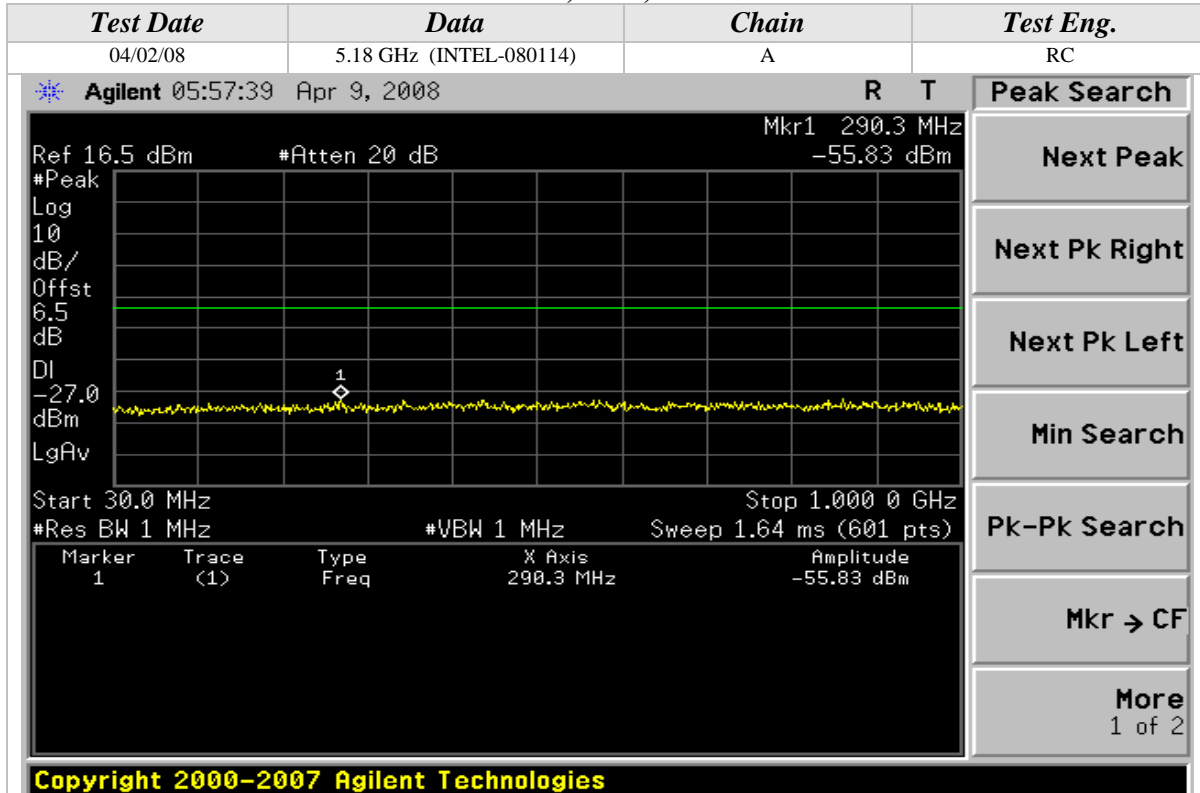
802.11a Mode





Conducted Out Of Band Emissions (Continued)

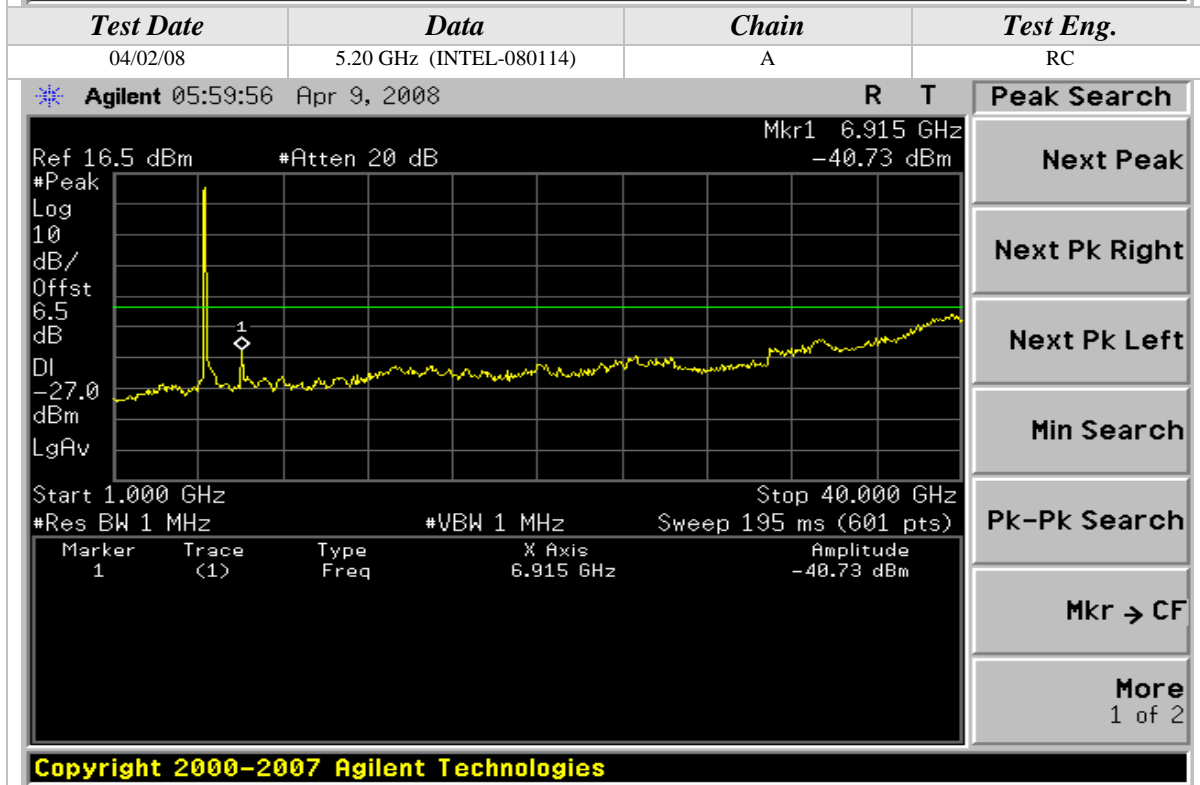
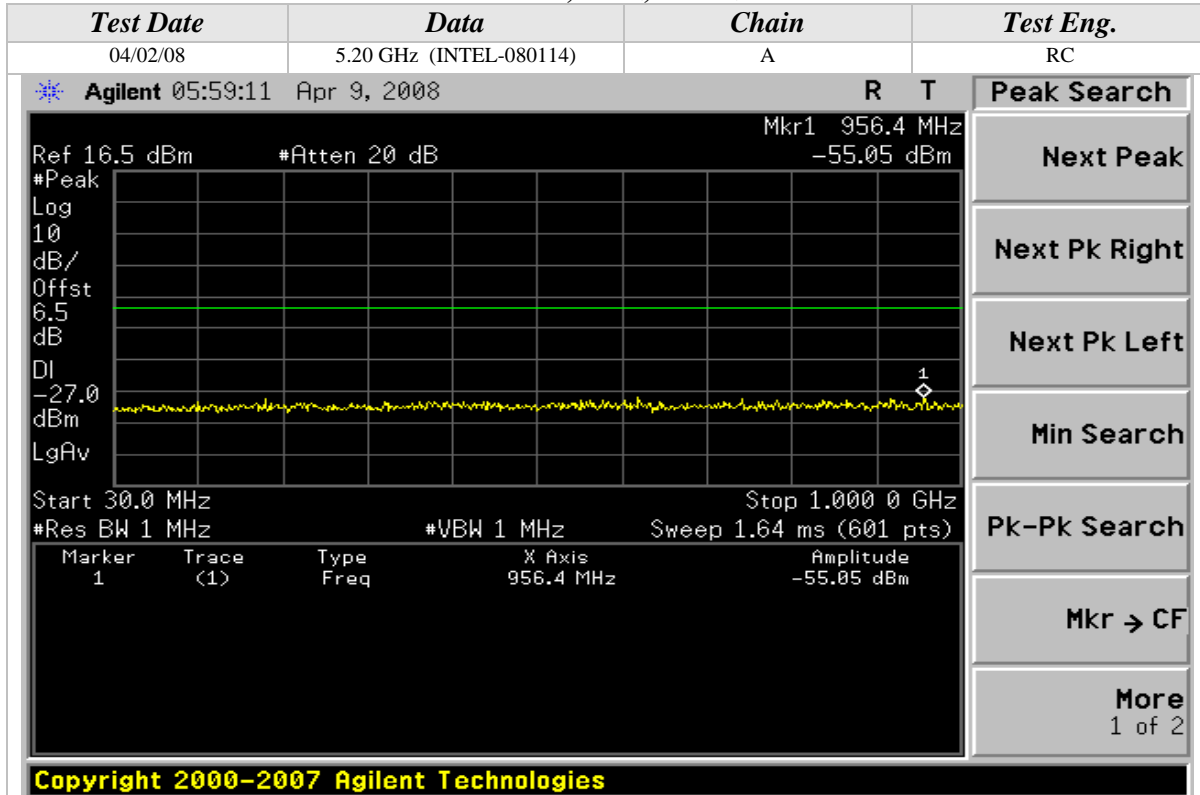
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

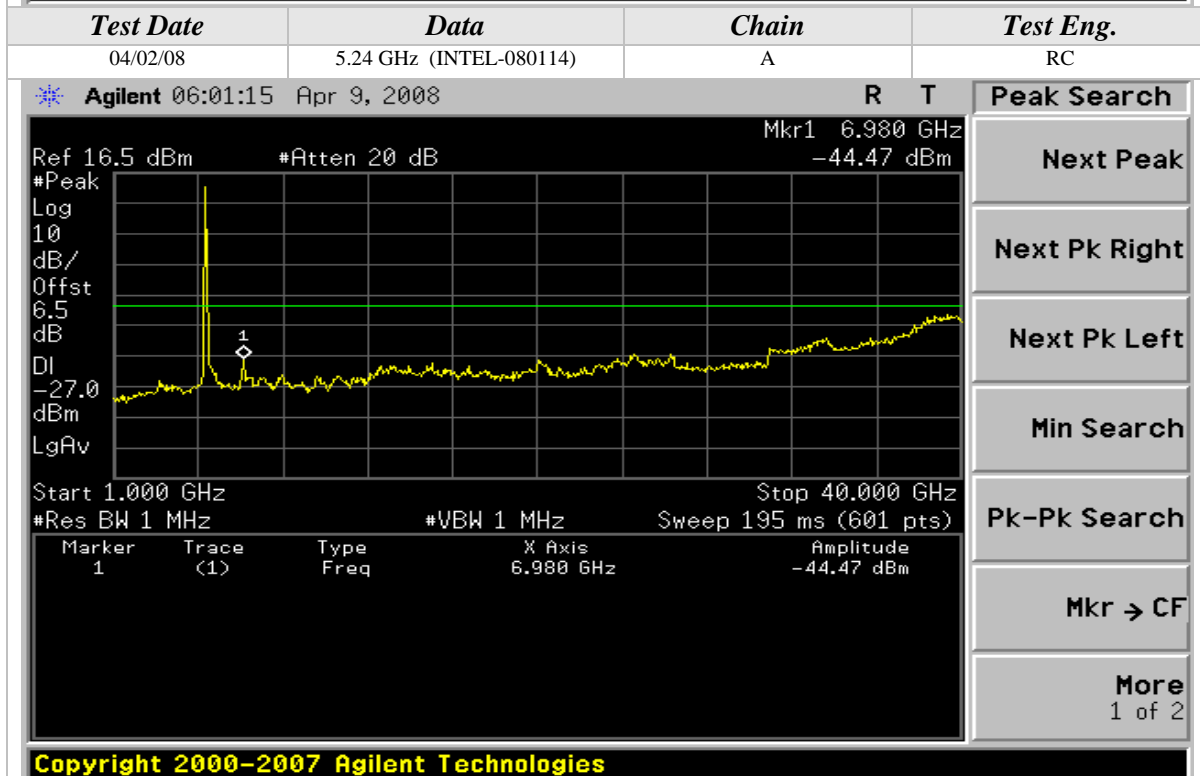
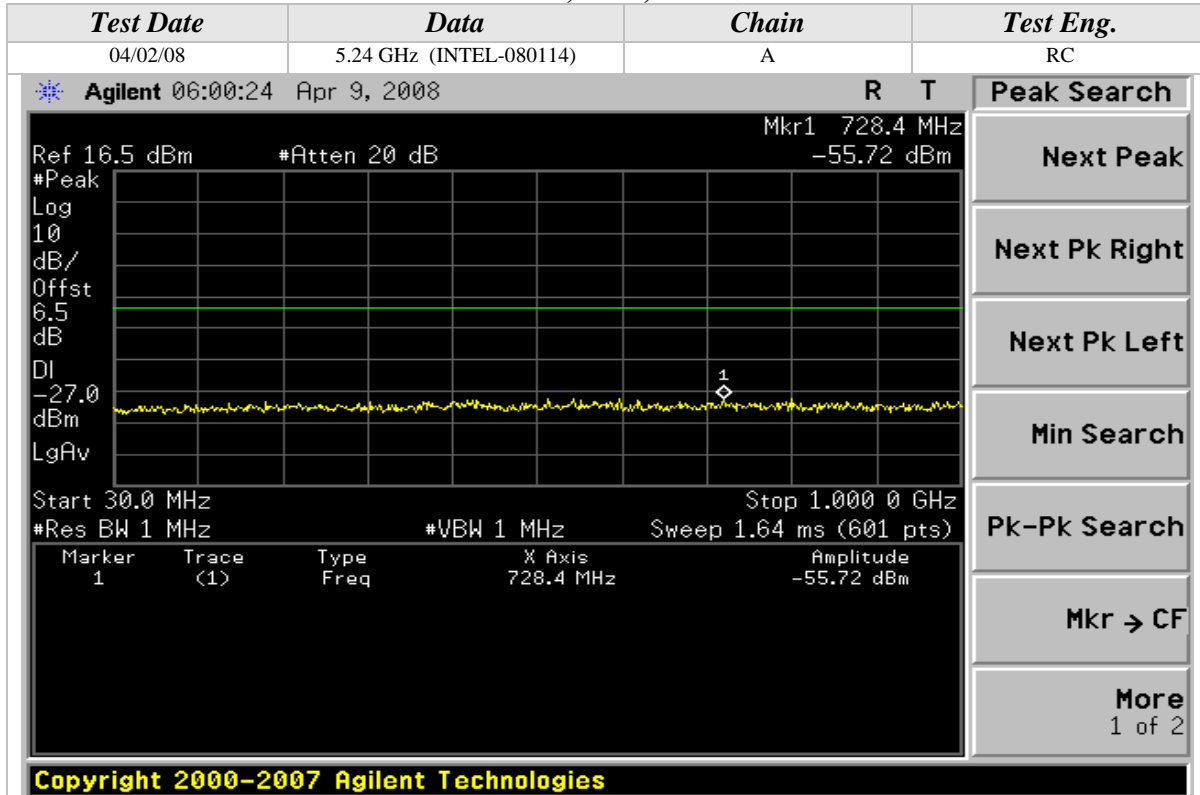
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

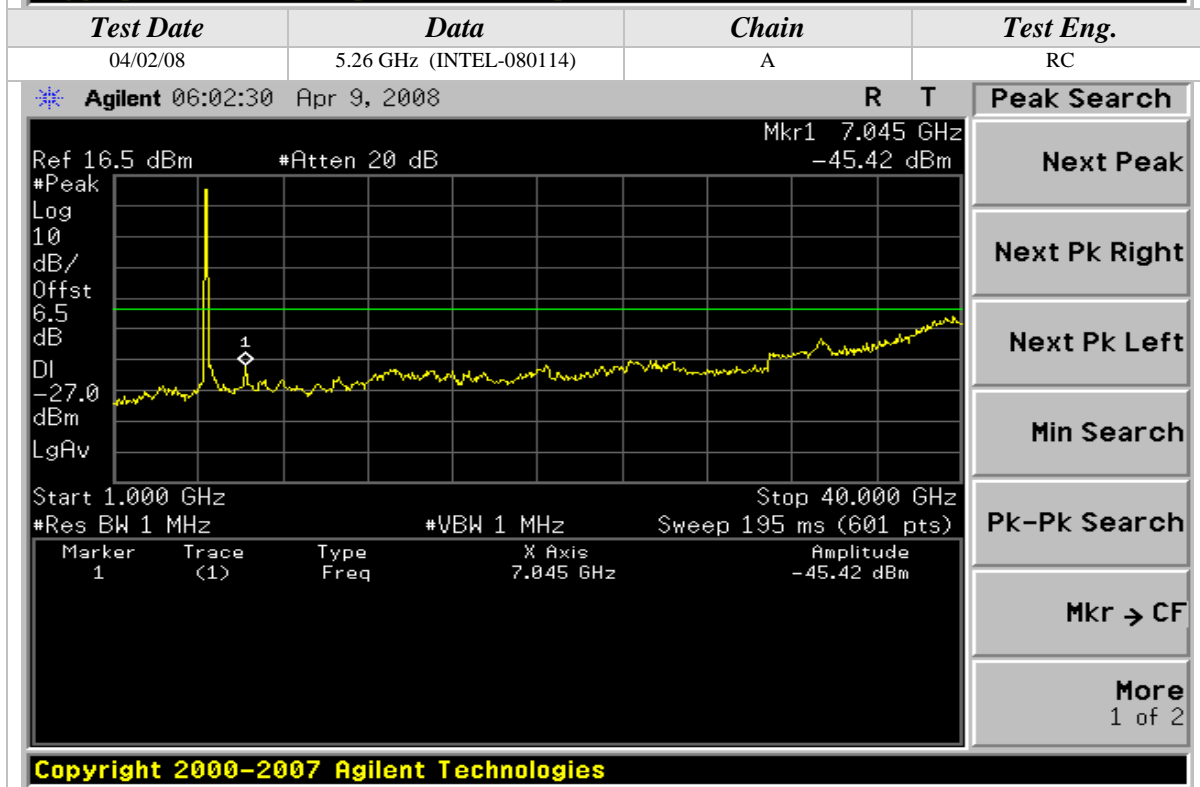
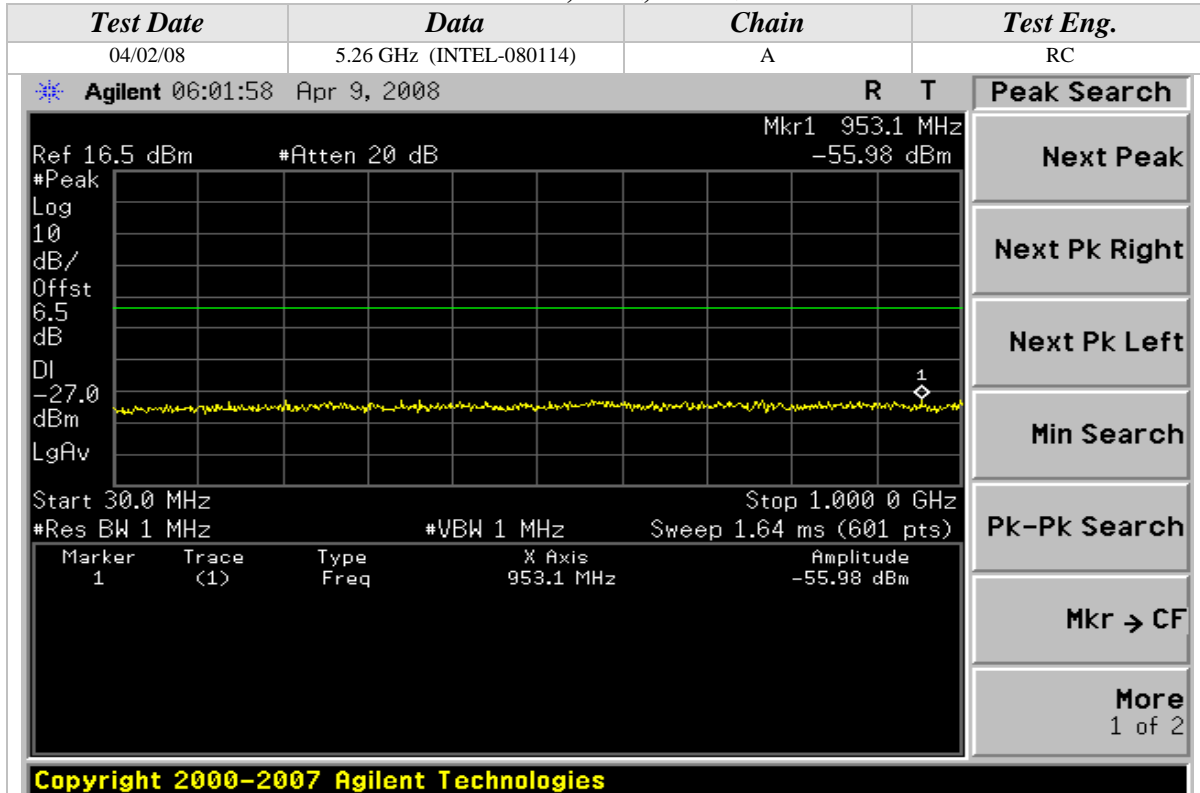
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

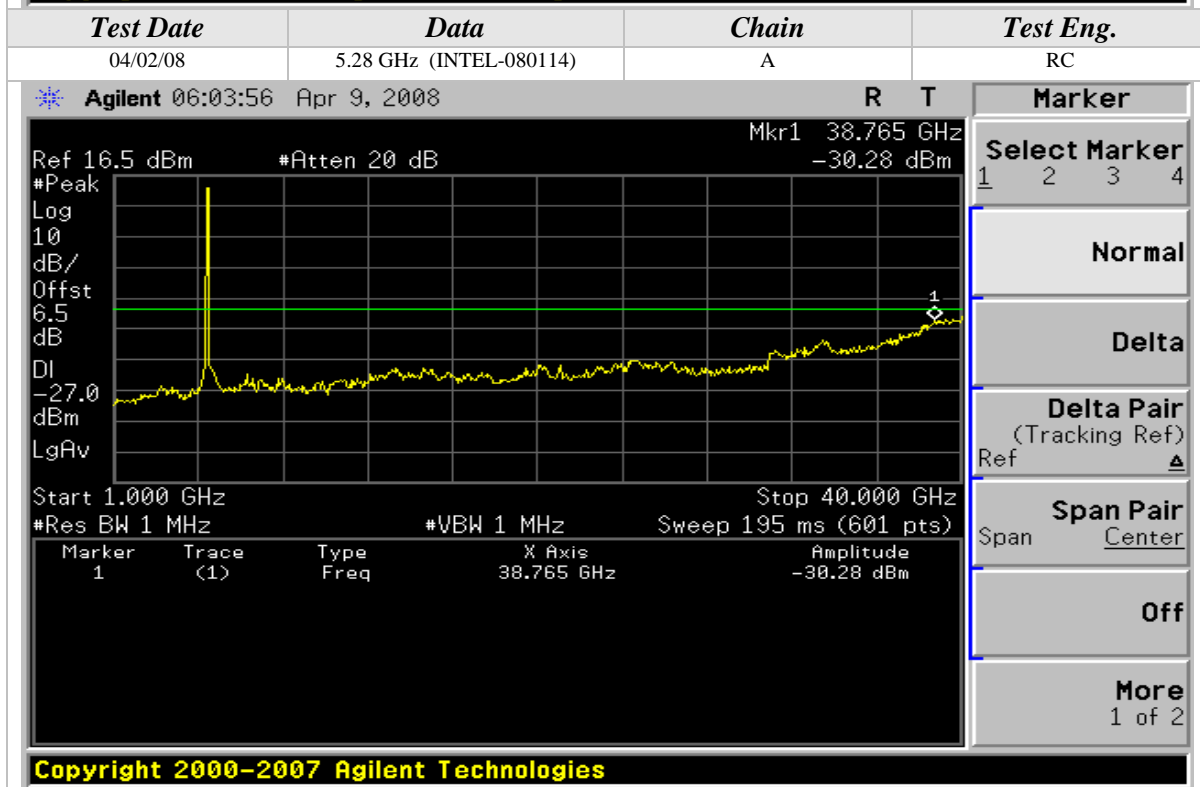
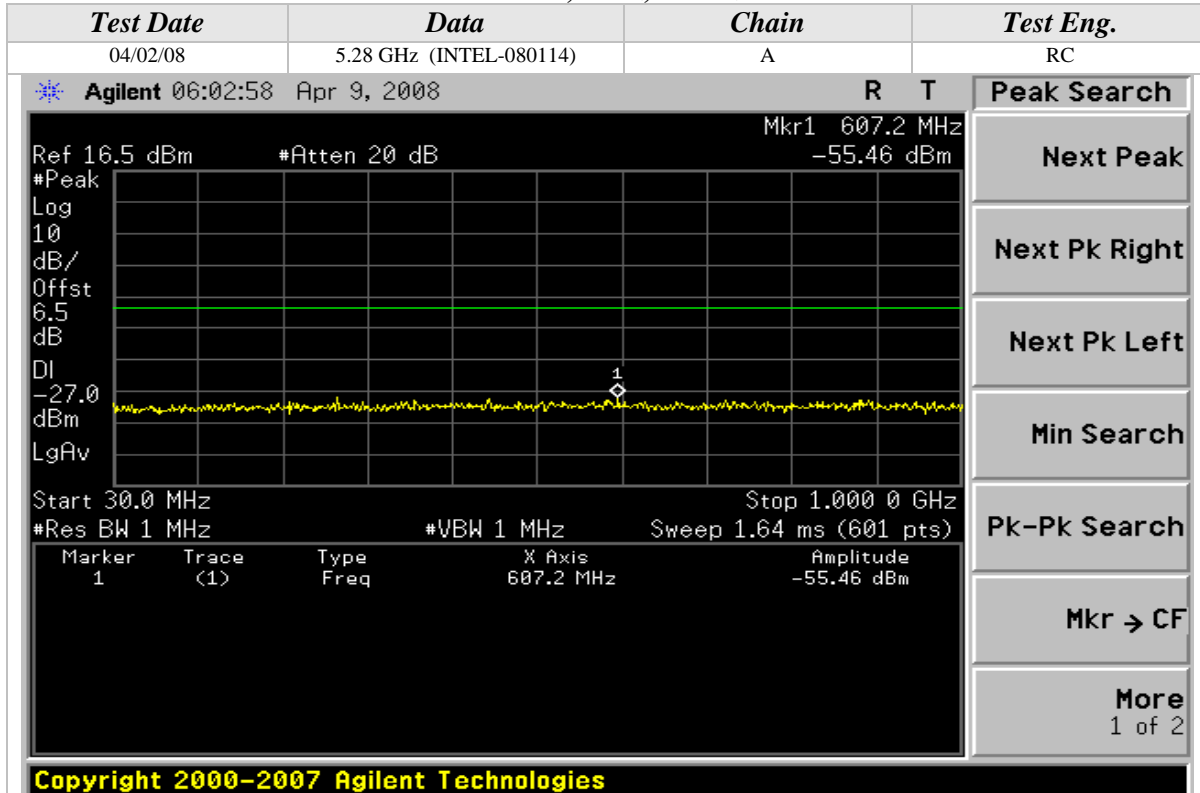
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

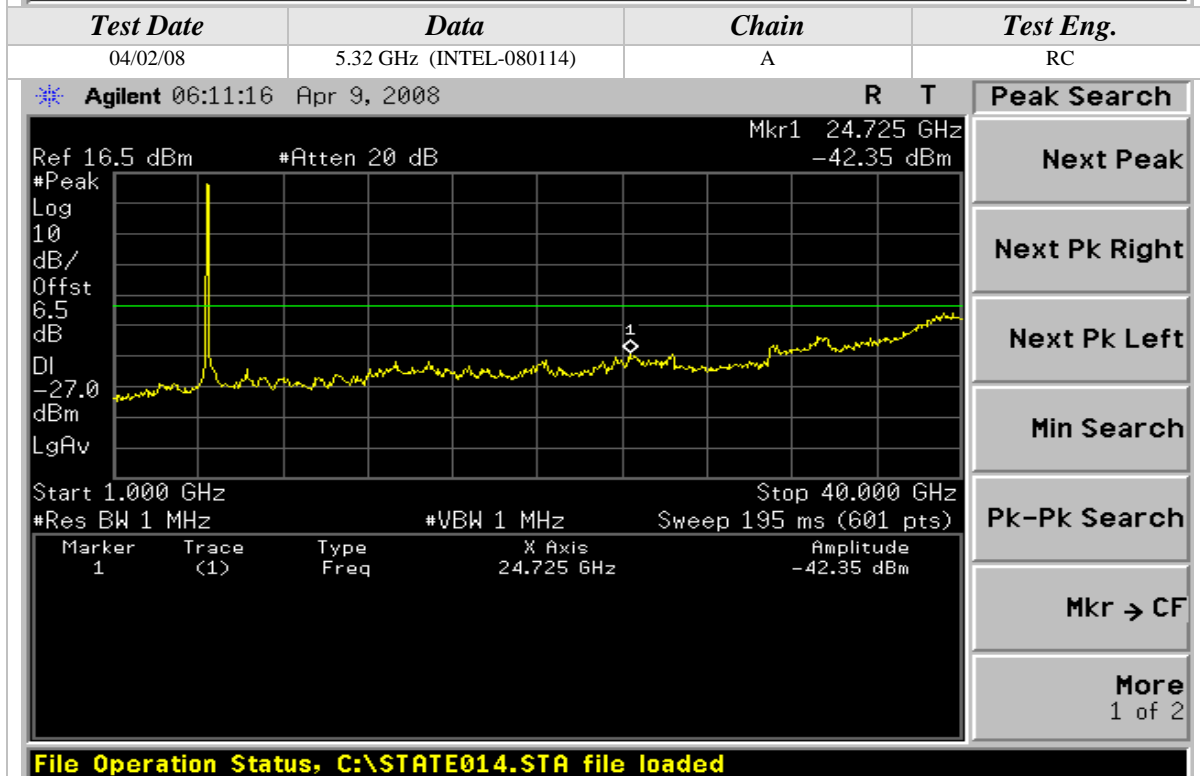
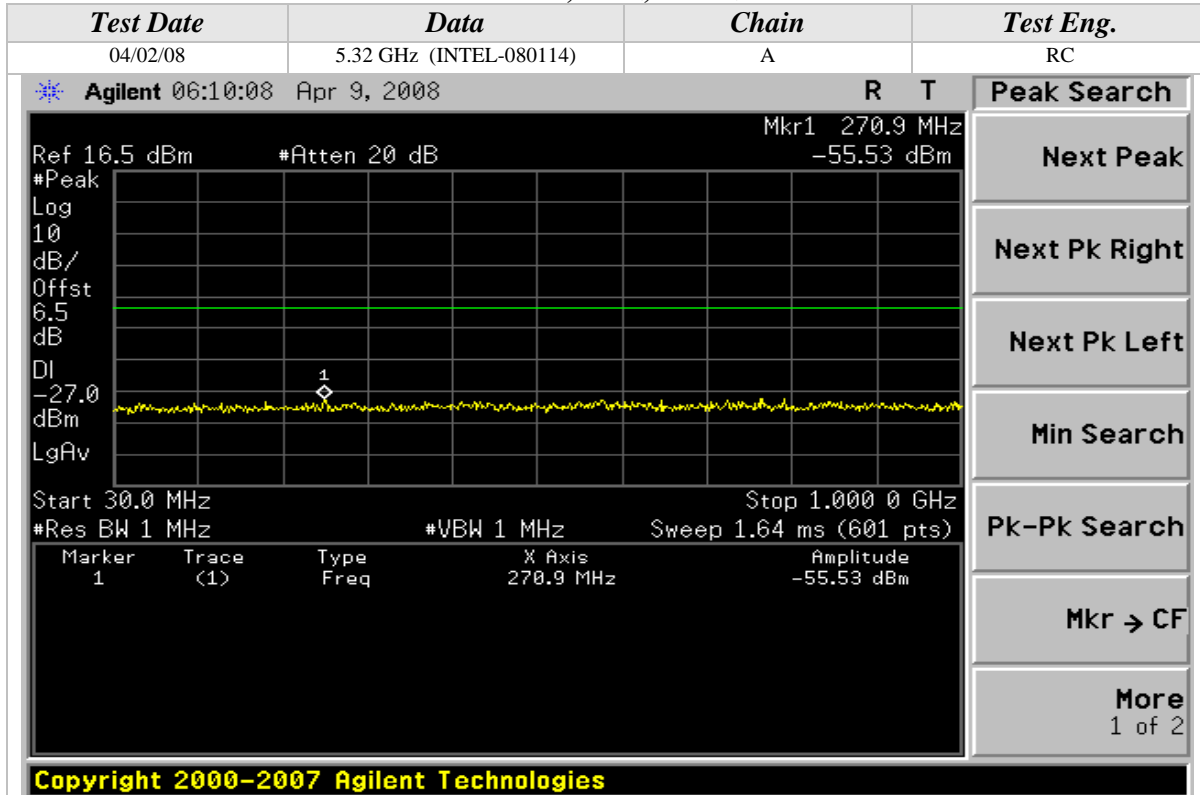
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

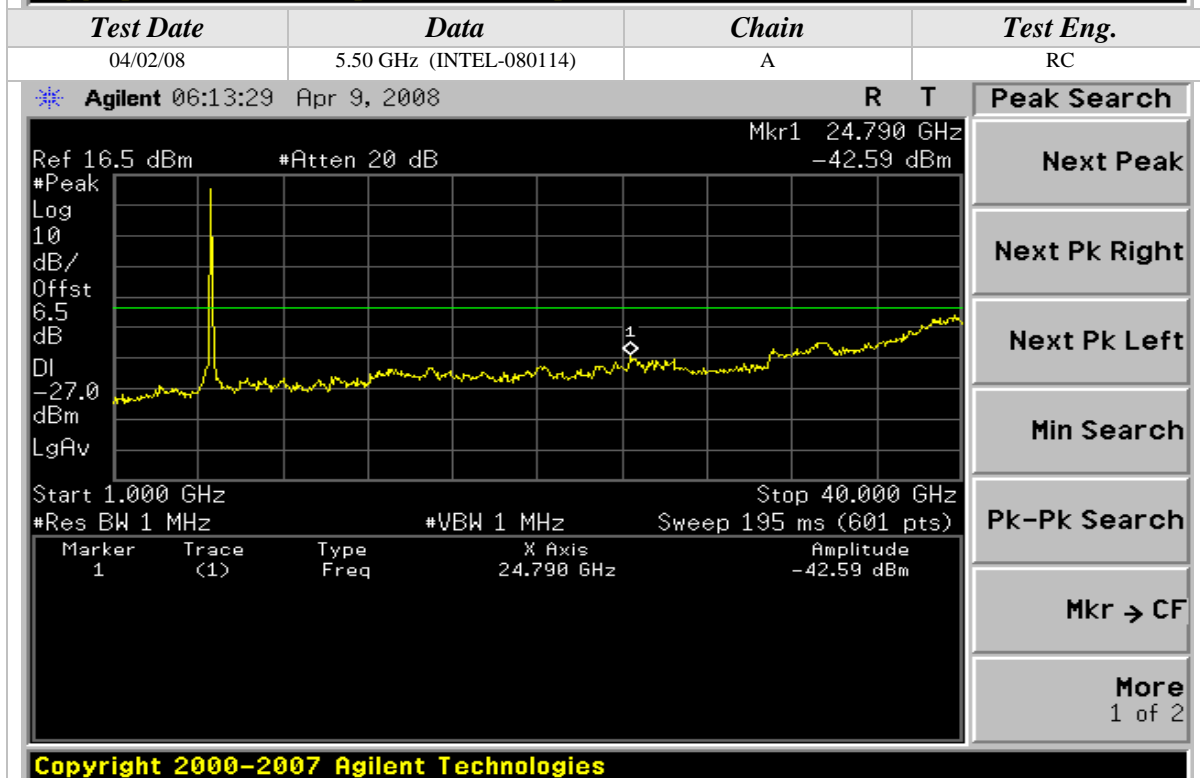
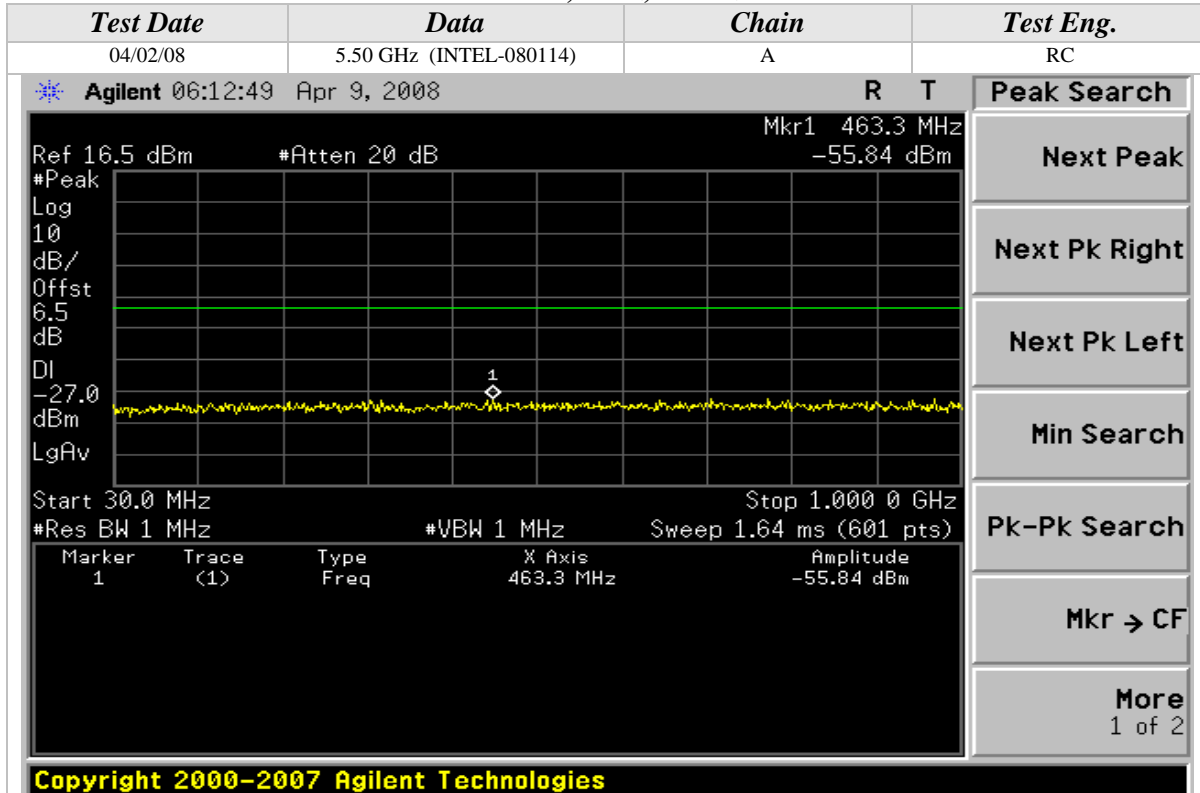
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

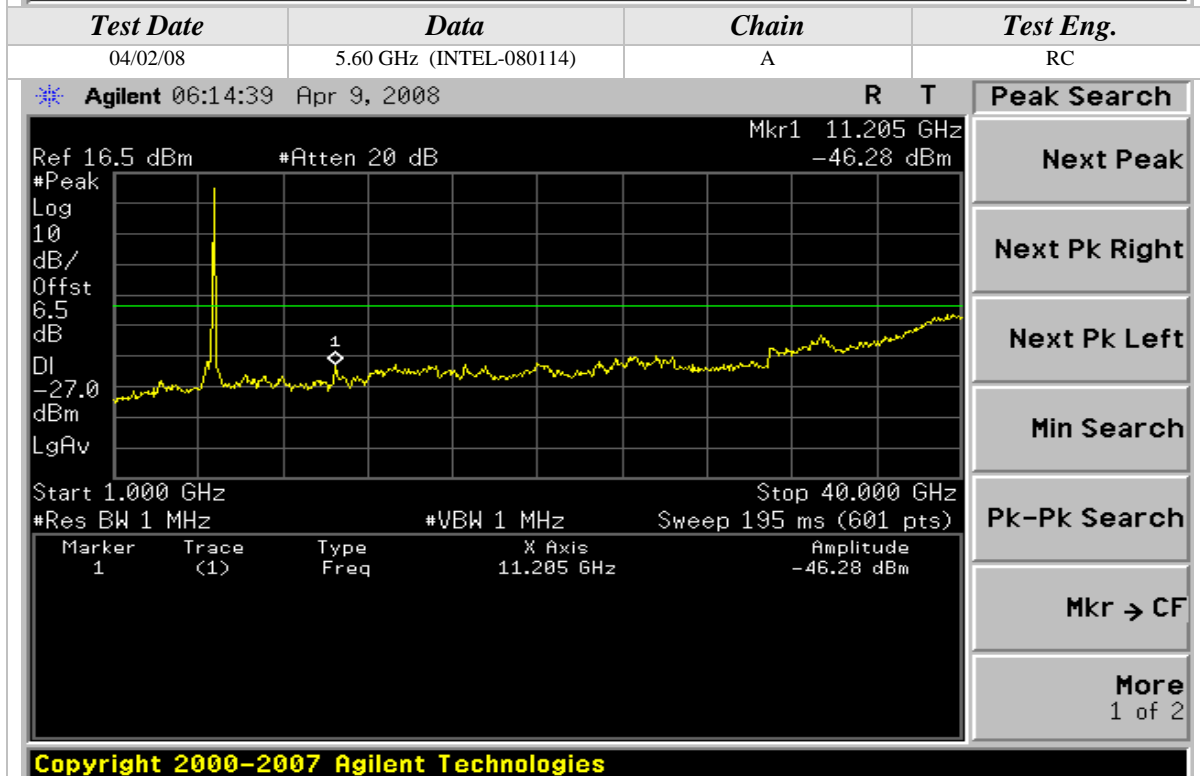
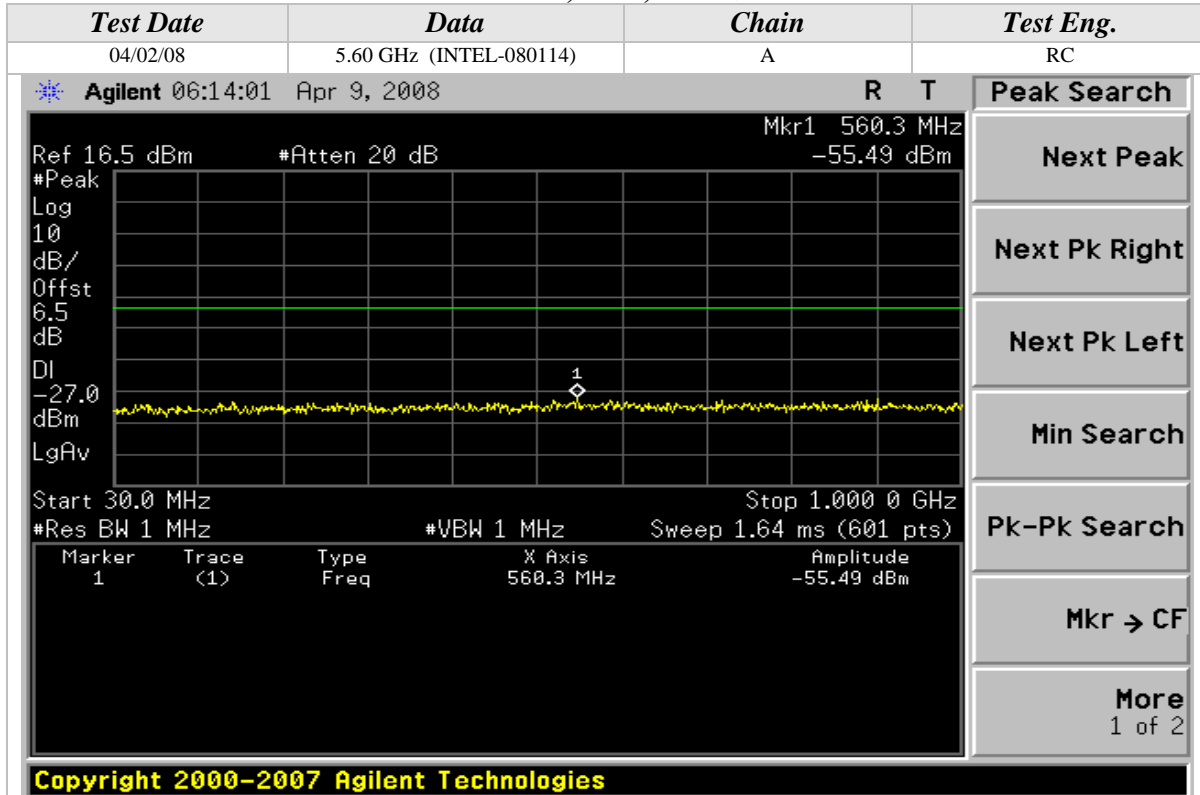
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

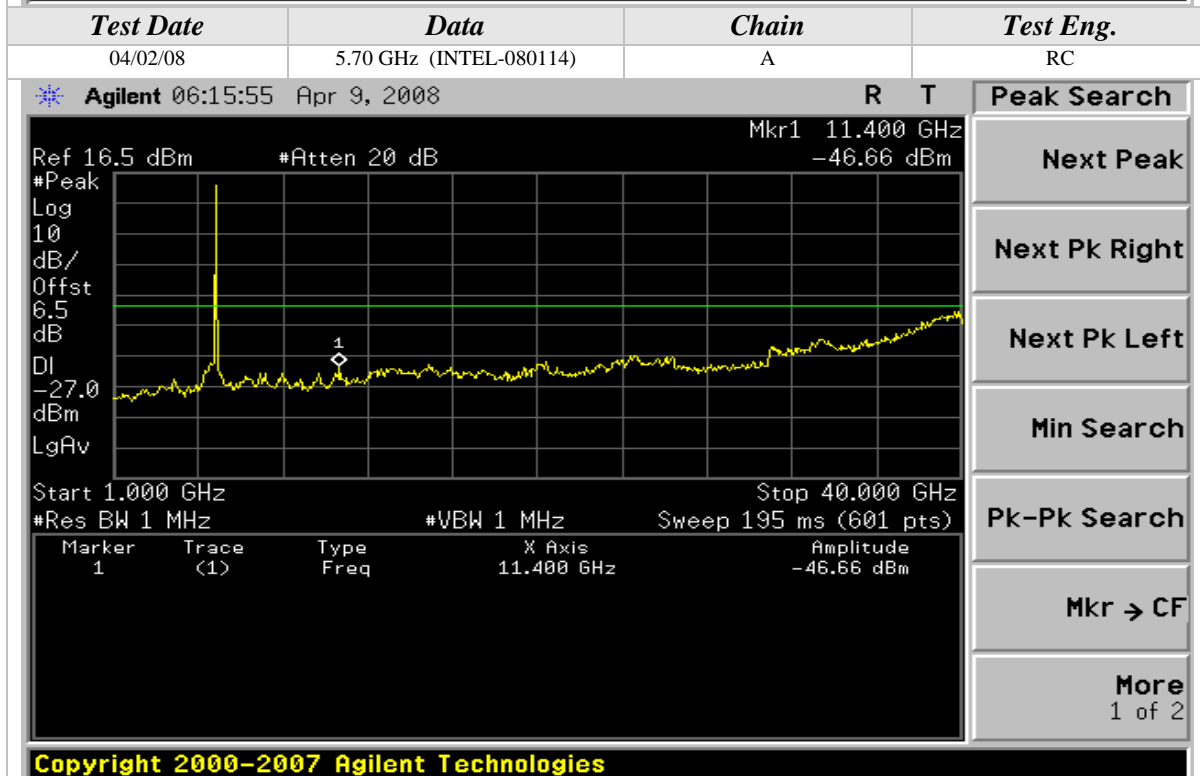
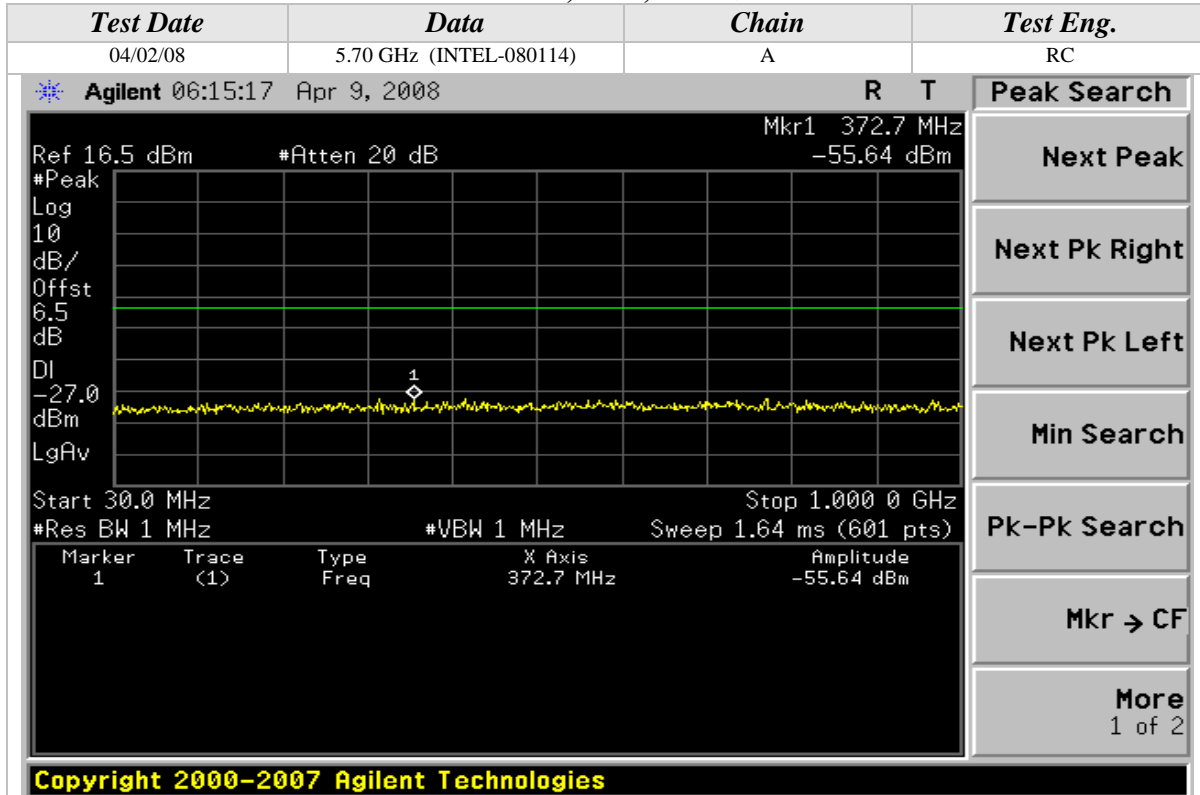
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

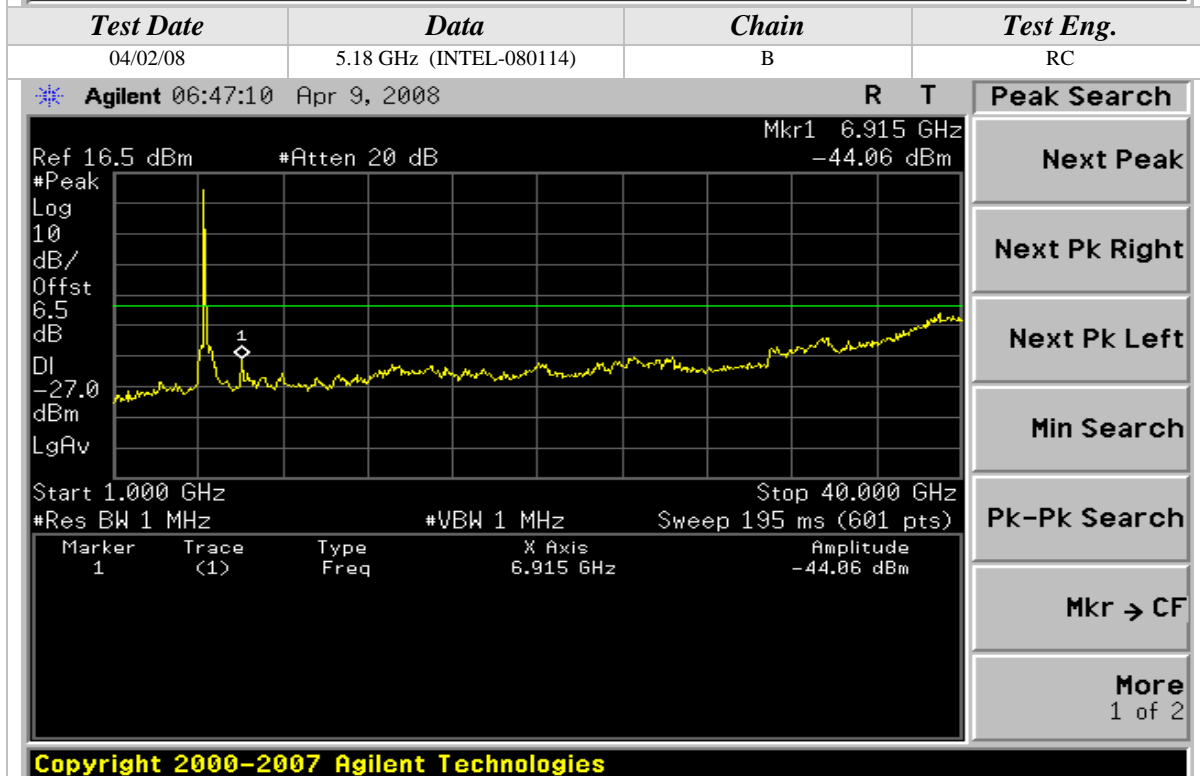
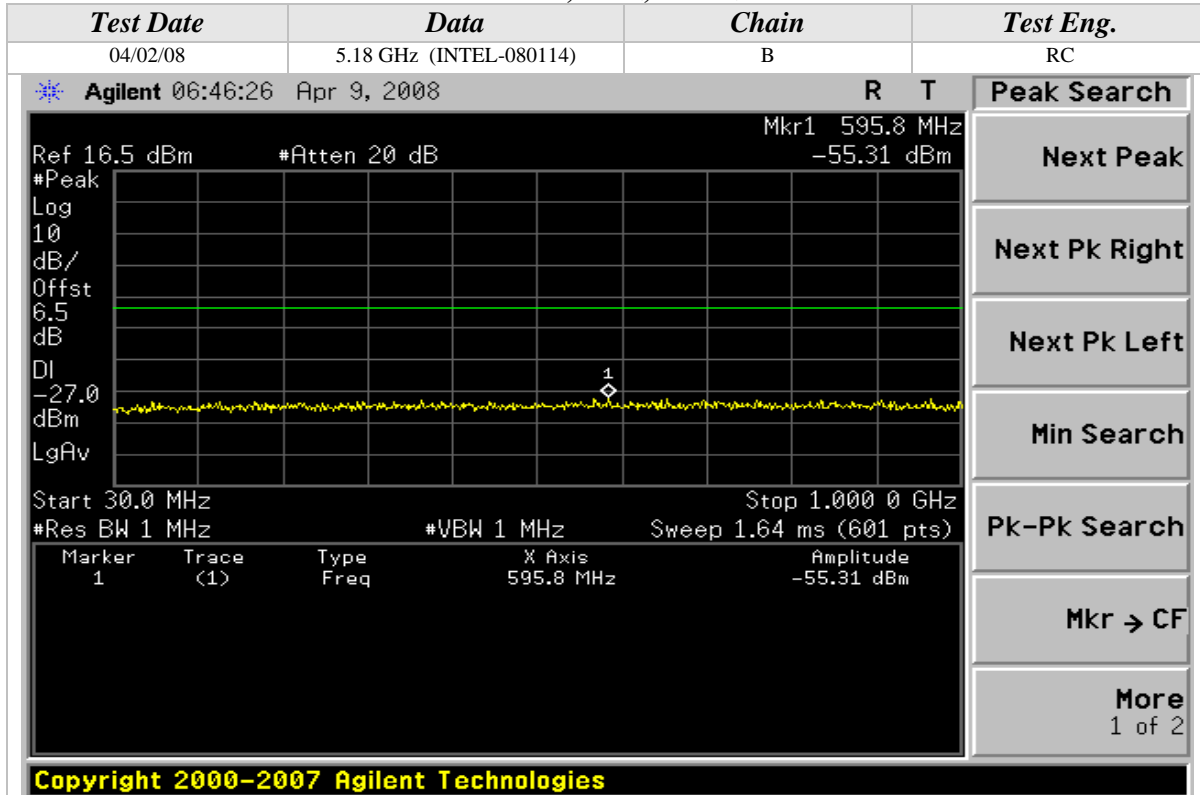
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

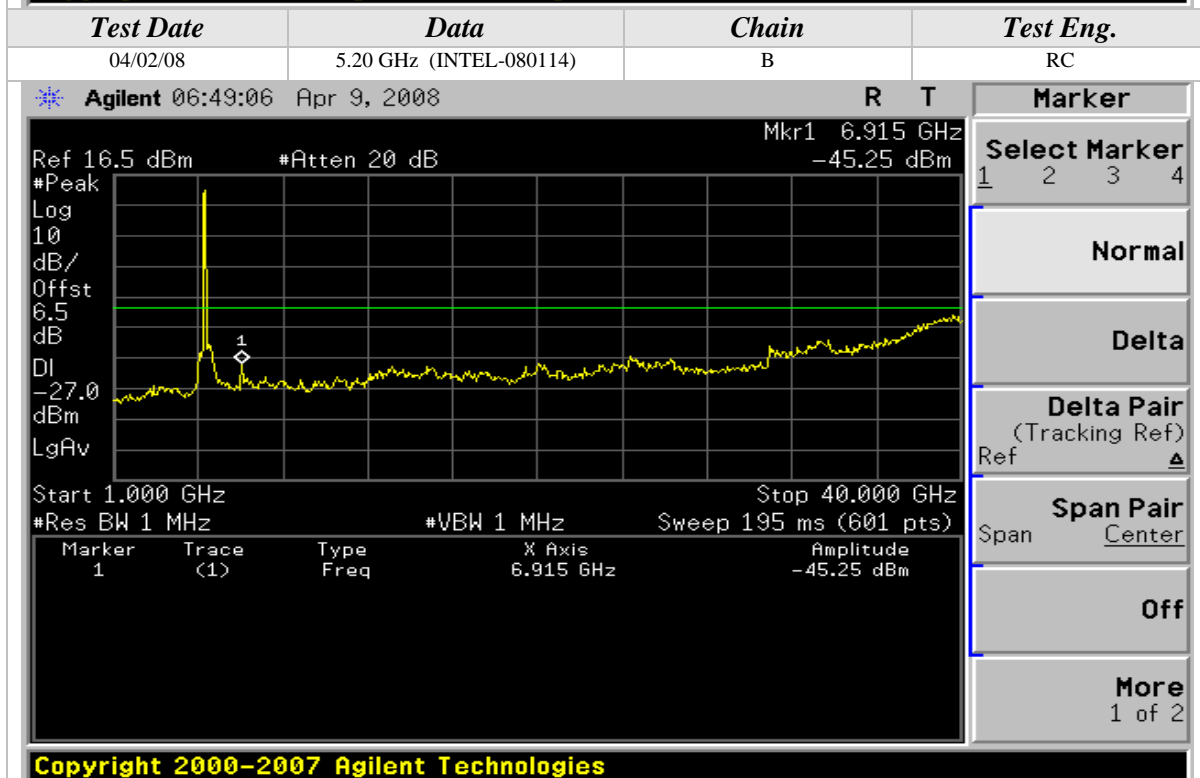
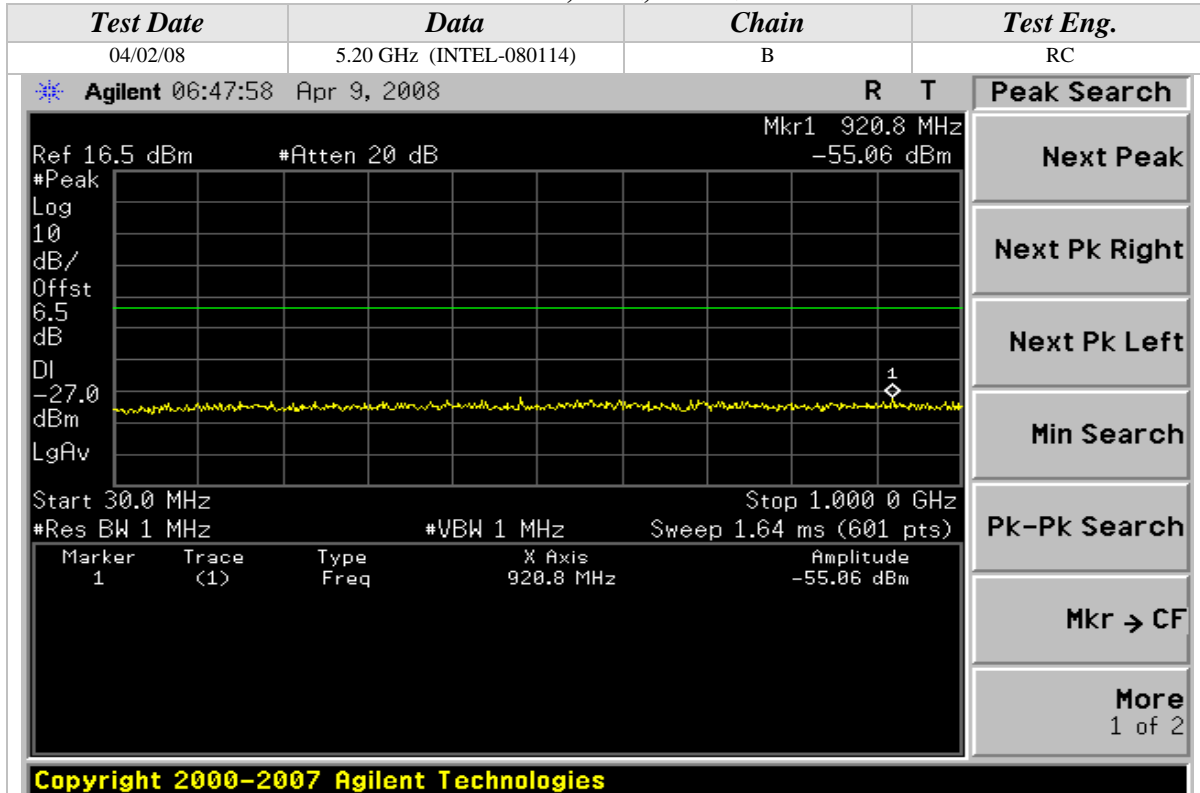
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

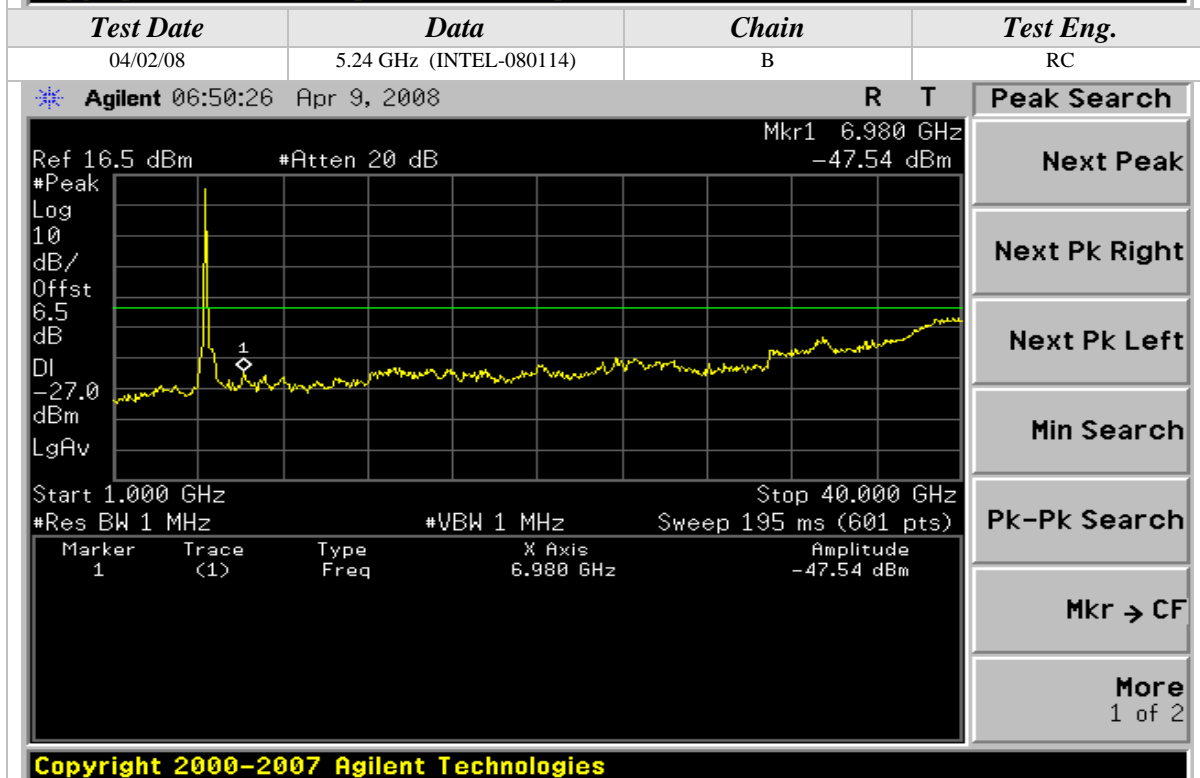
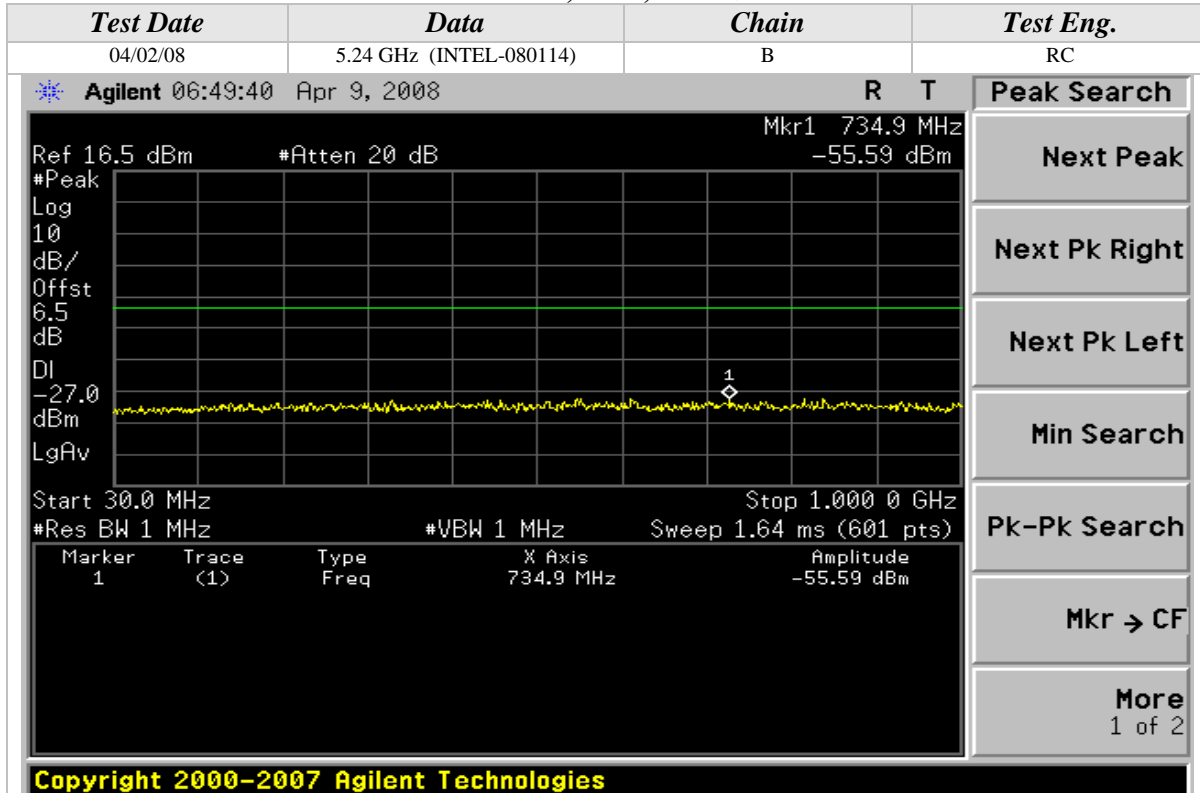
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

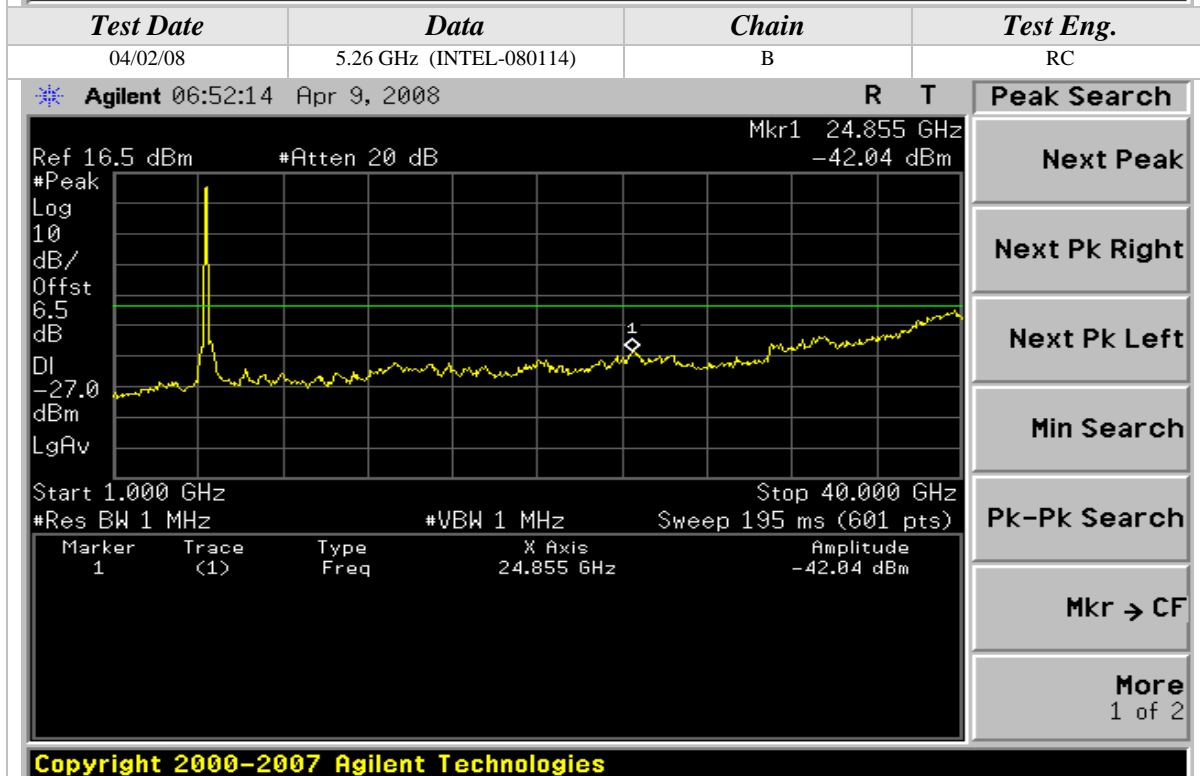
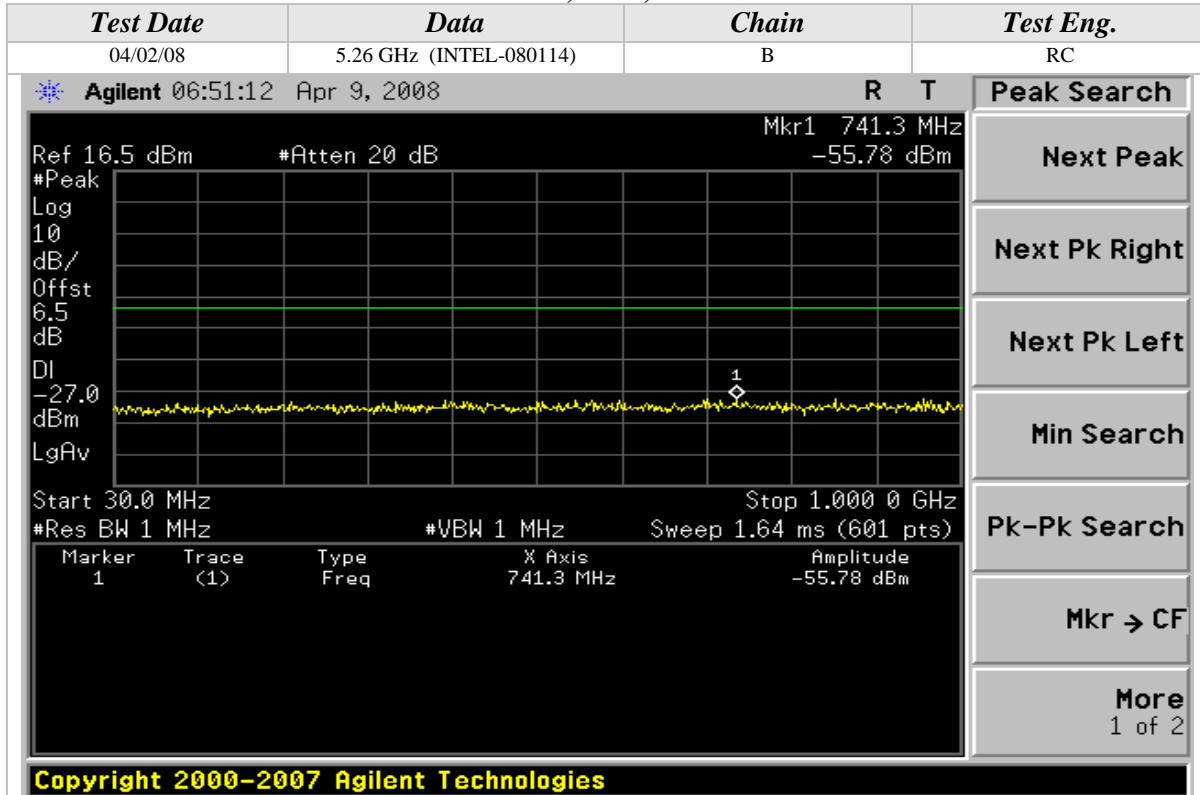
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

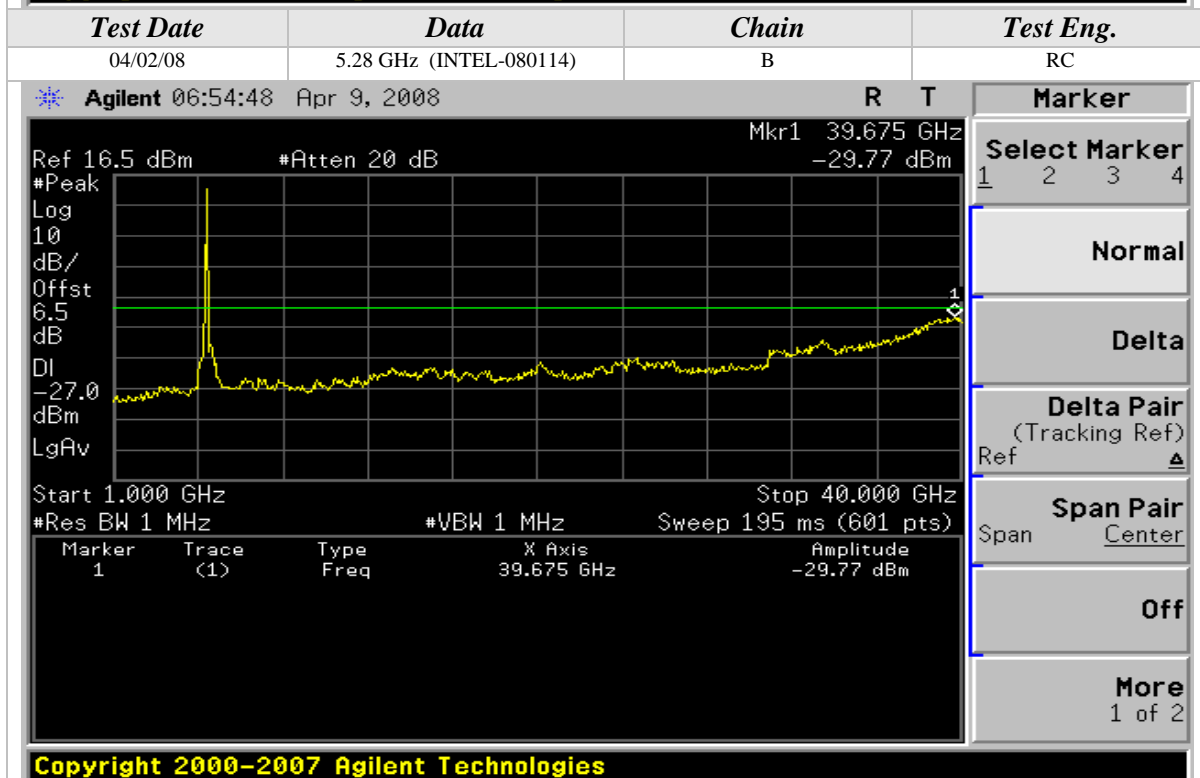
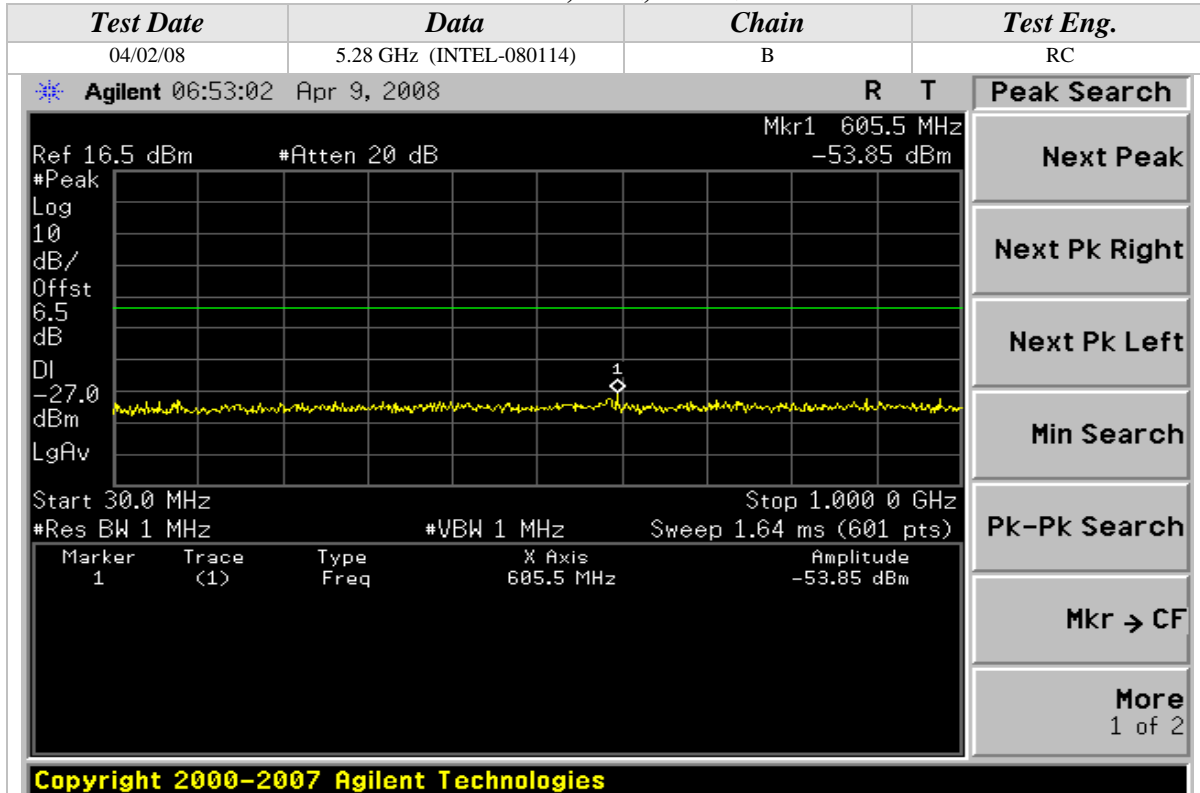
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

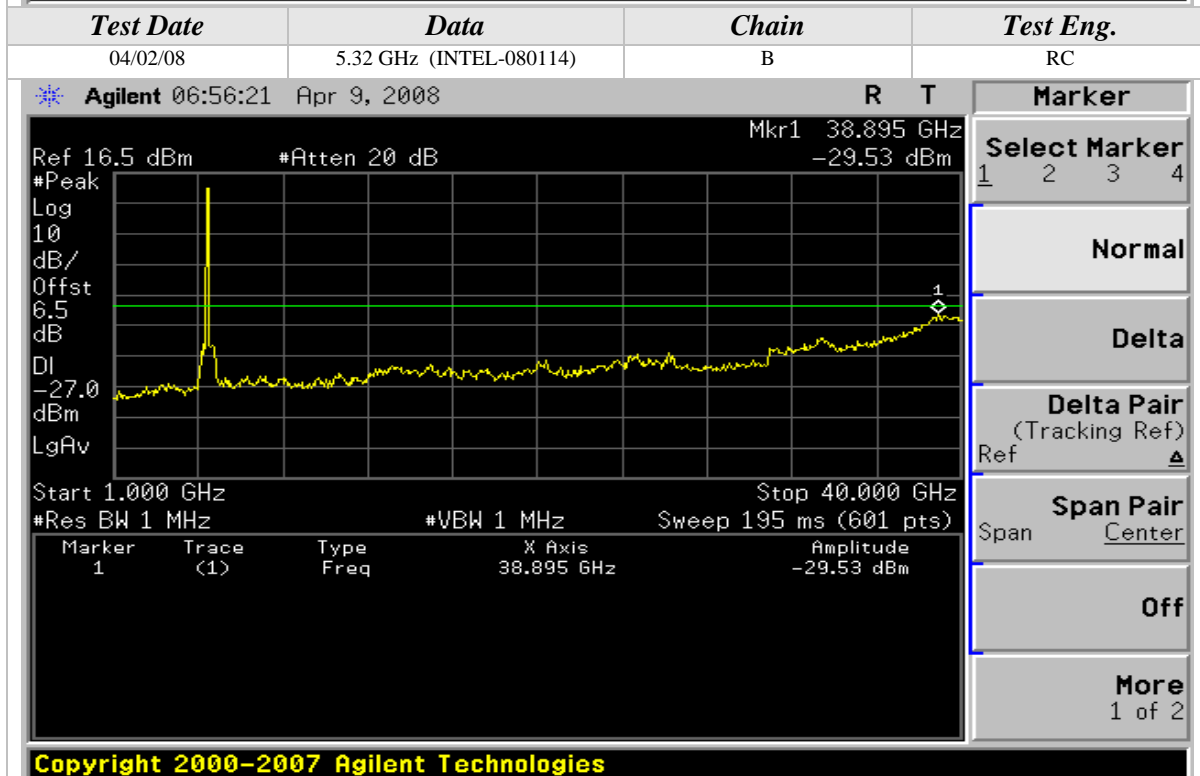
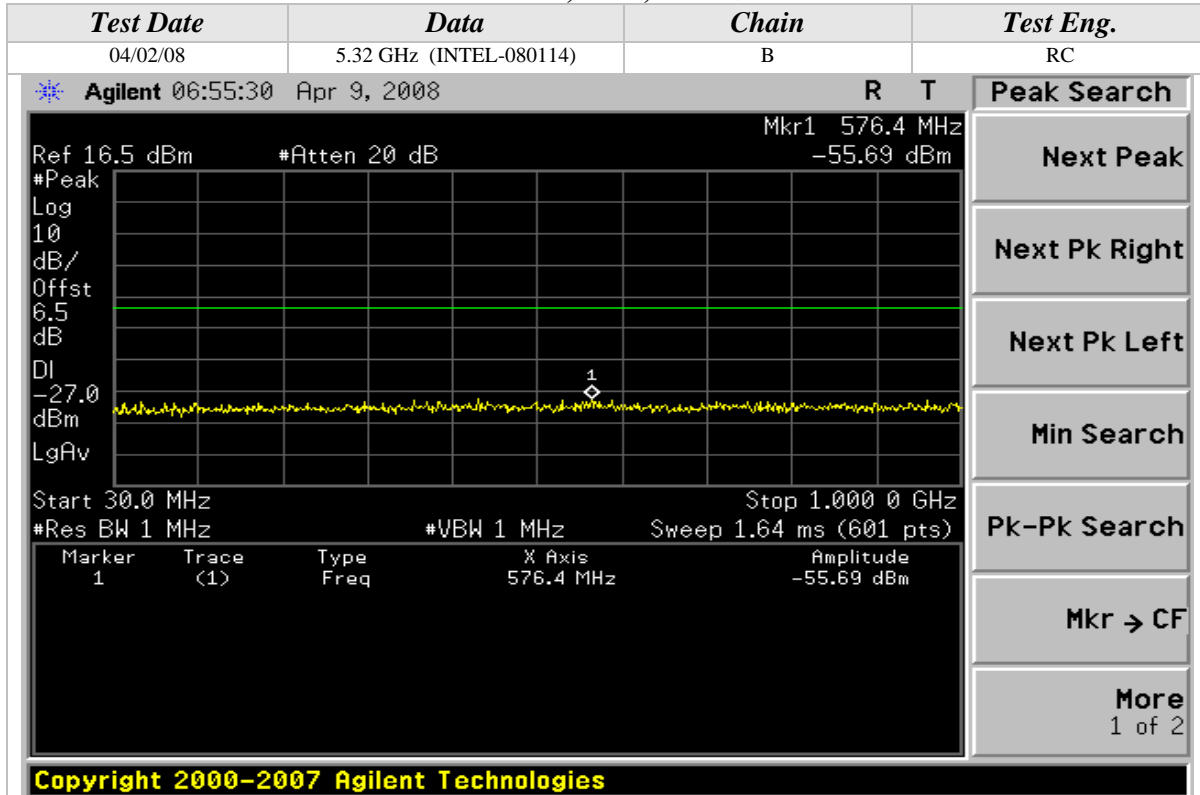
802.11n Mode, 5GHz, 20MHz Wide





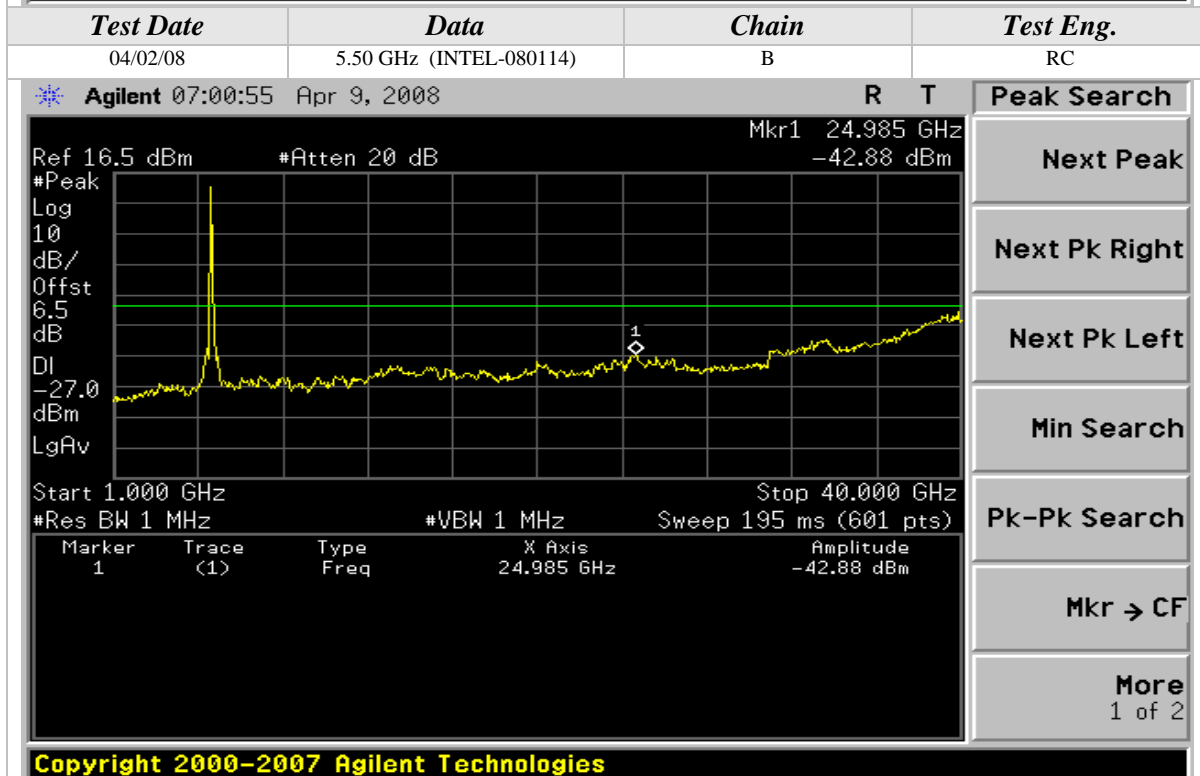
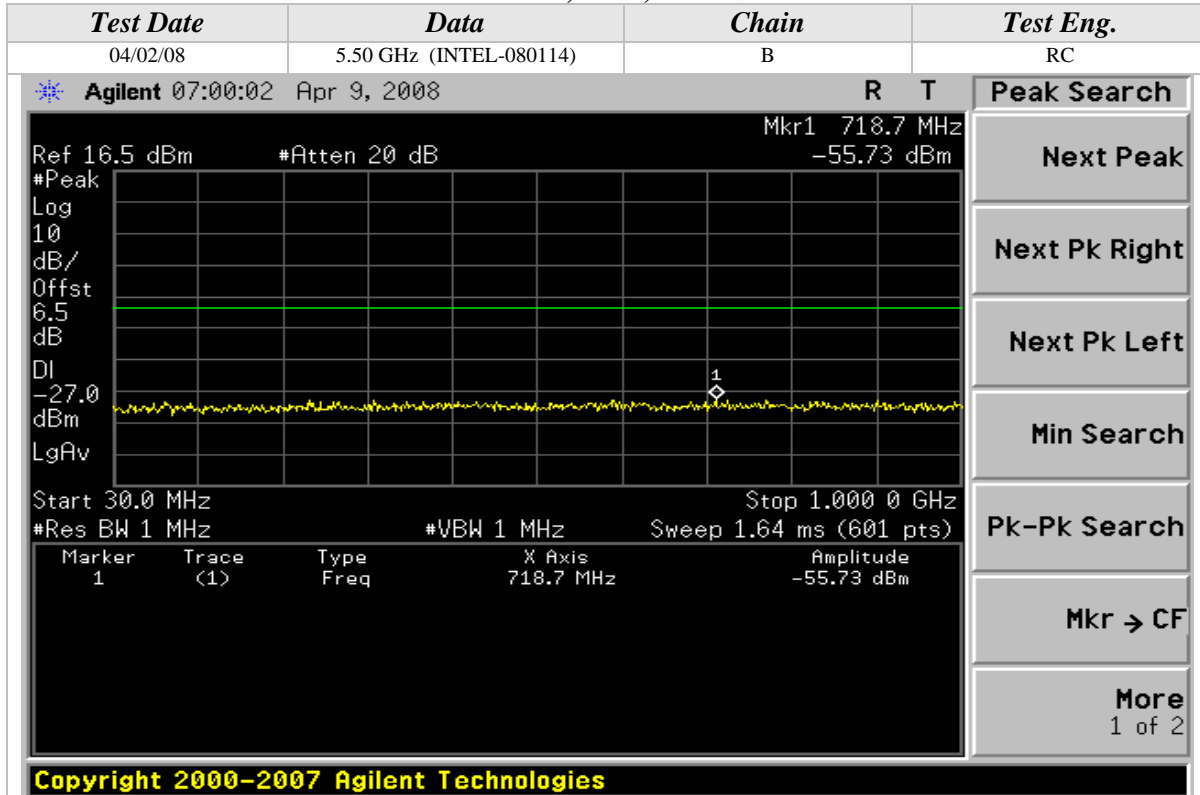
Conducted Out Of Band Emissions (Continued)

802.11n Mode, 5GHz, 20MHz Wide



Conducted Out Of Band Emissions (Continued)

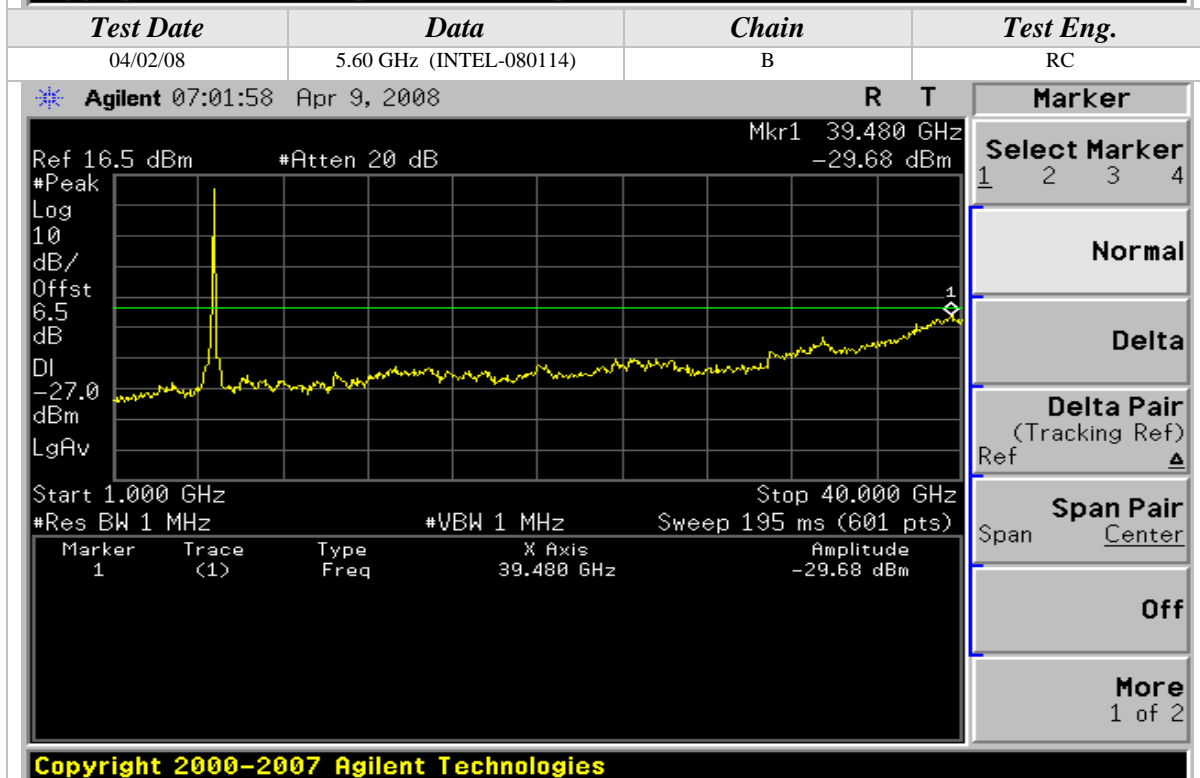
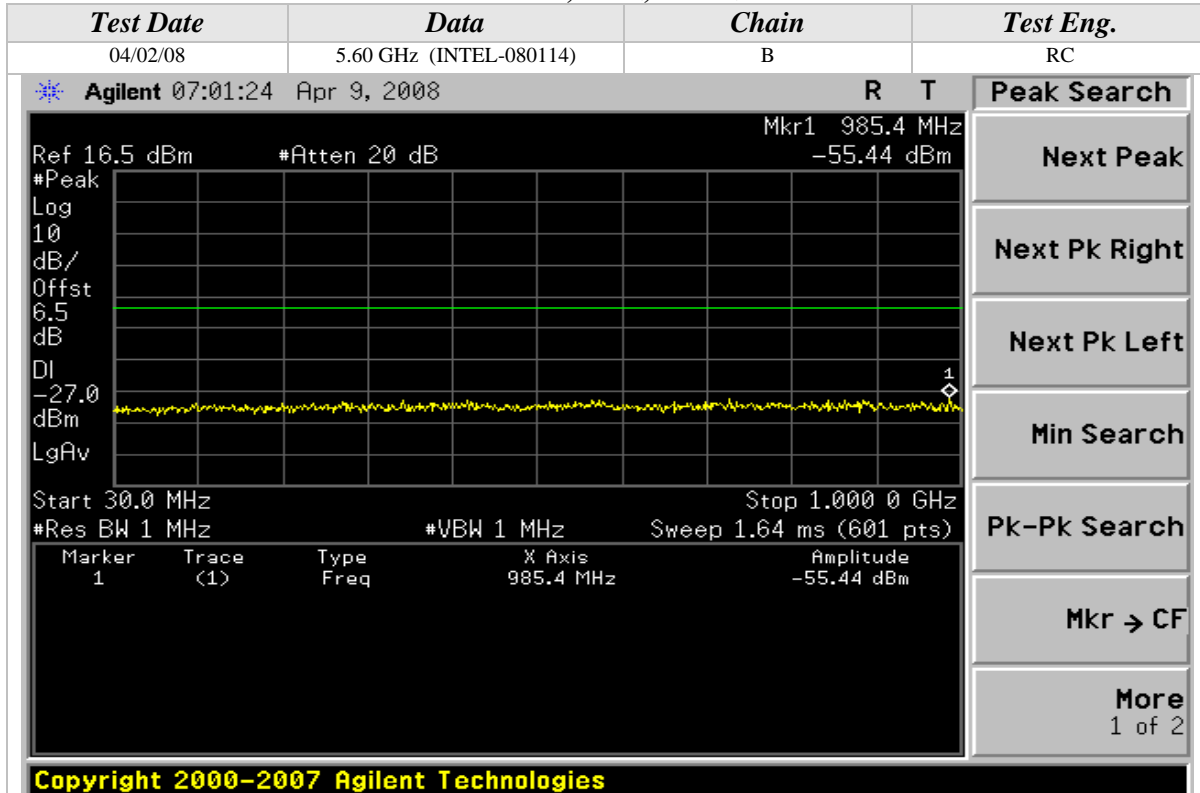
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

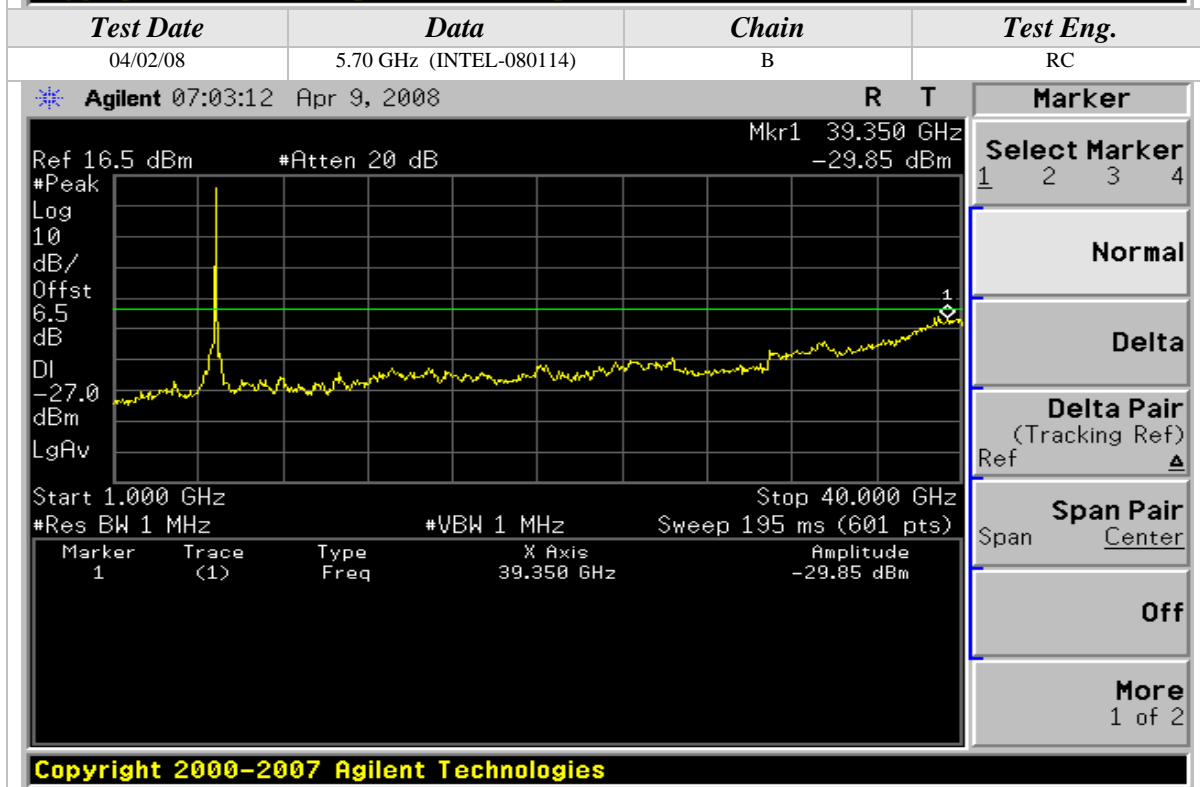
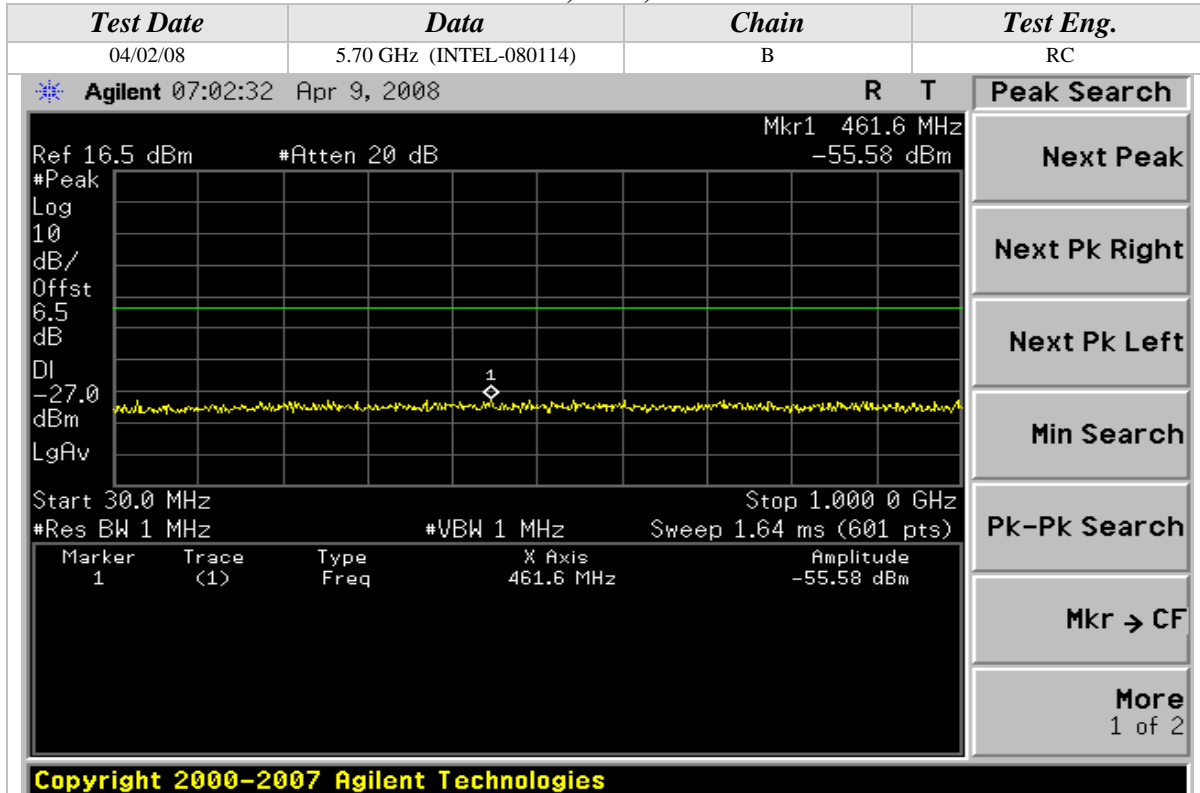
802.11n Mode, 5GHz, 20MHz Wide





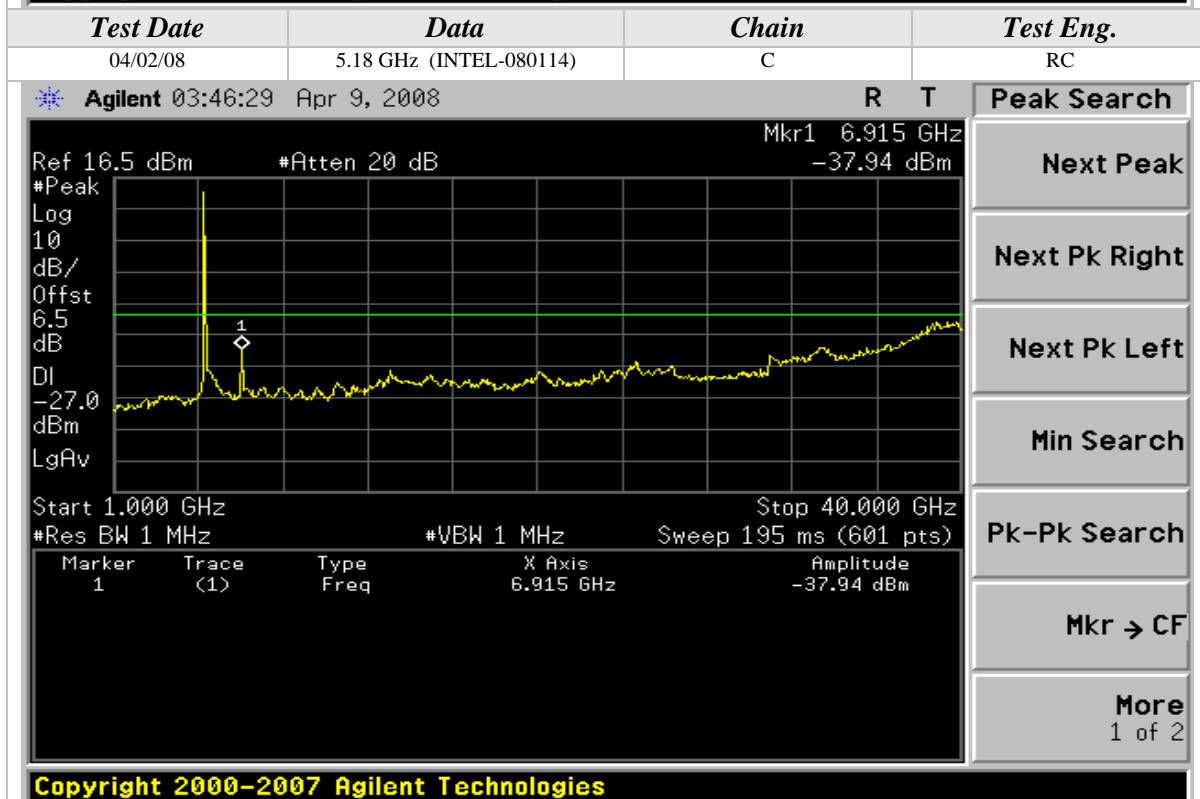
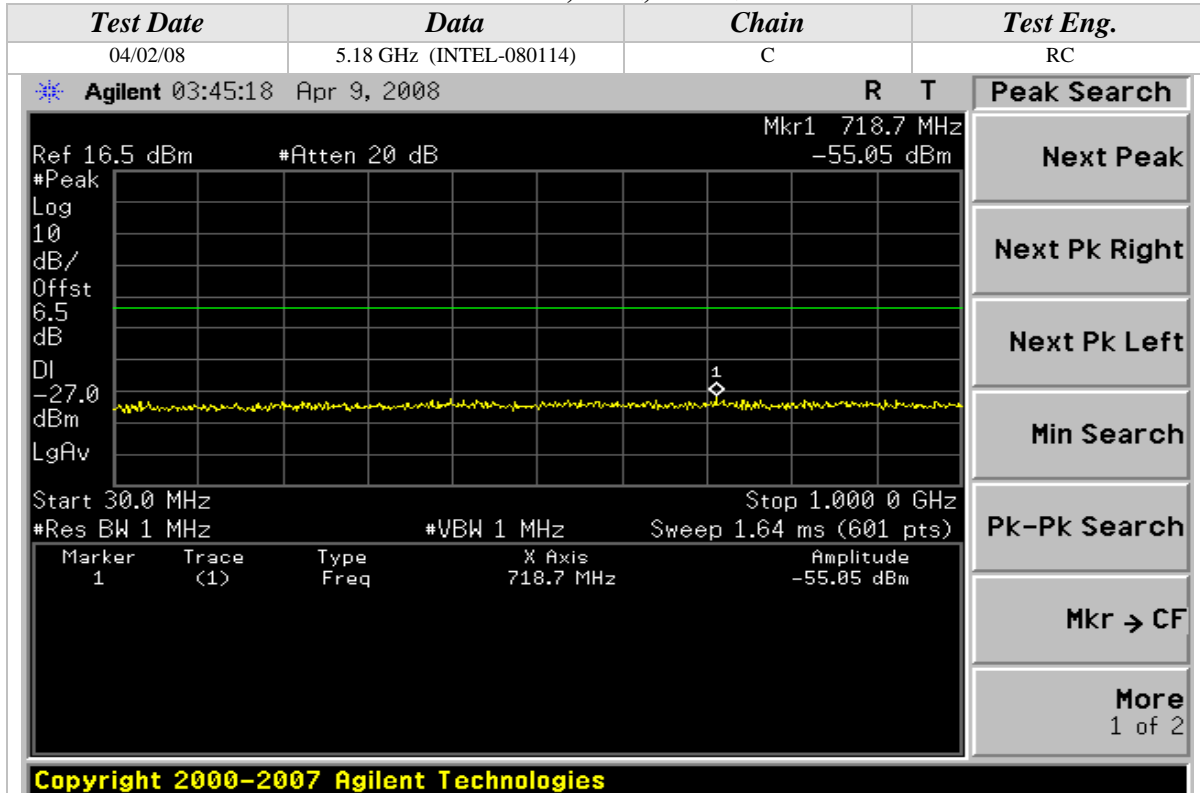
Conducted Out Of Band Emissions (Continued)

802.11n Mode, 5GHz, 20MHz Wide



Conducted Out Of Band Emissions (Continued)

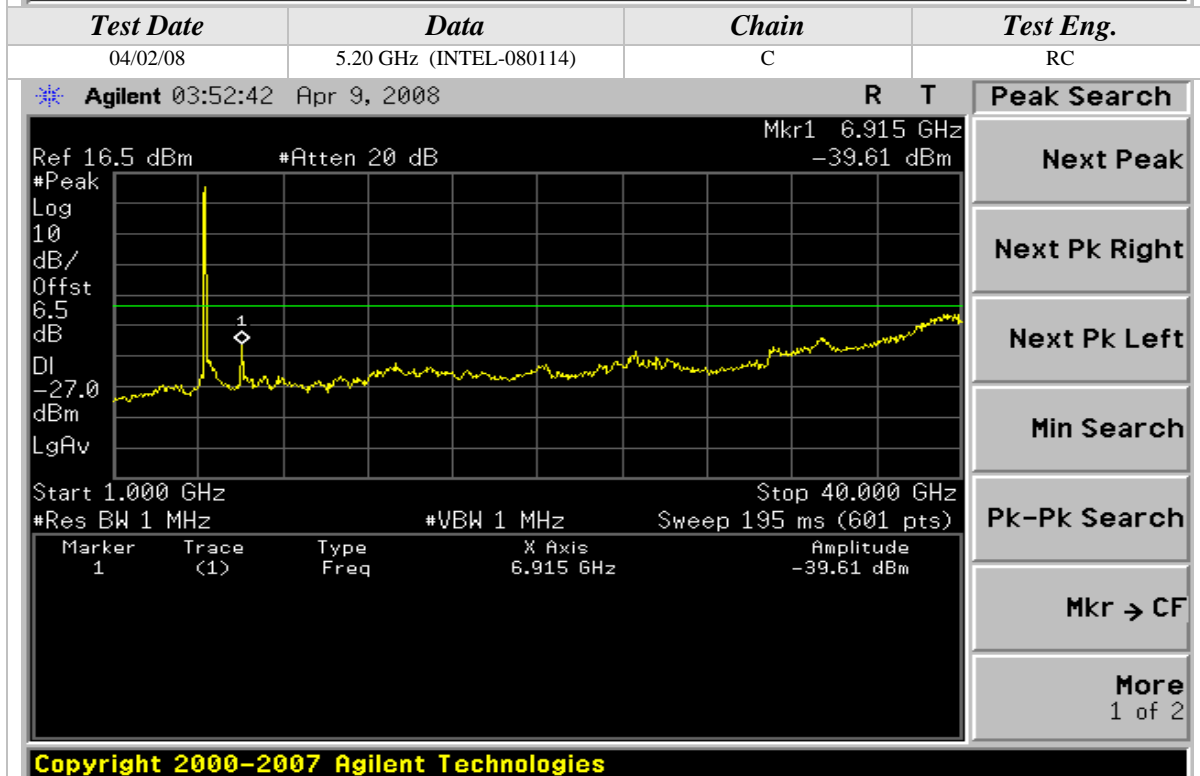
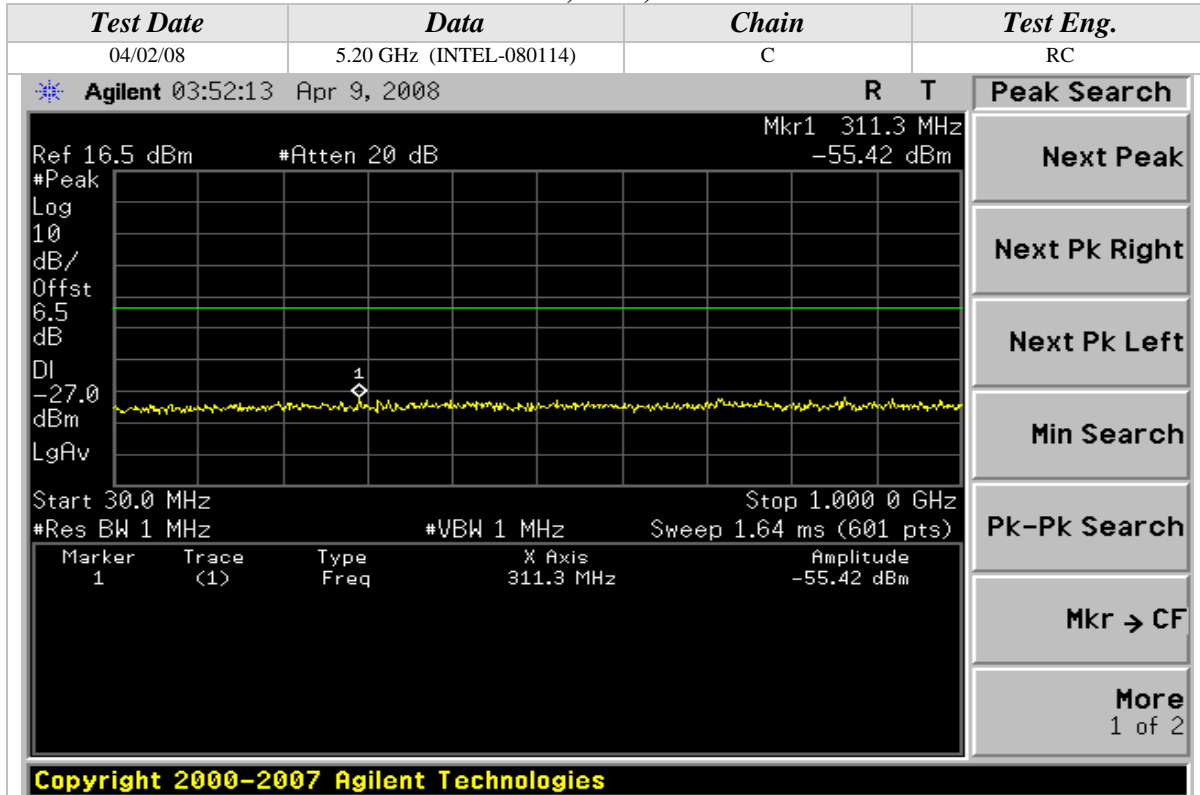
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

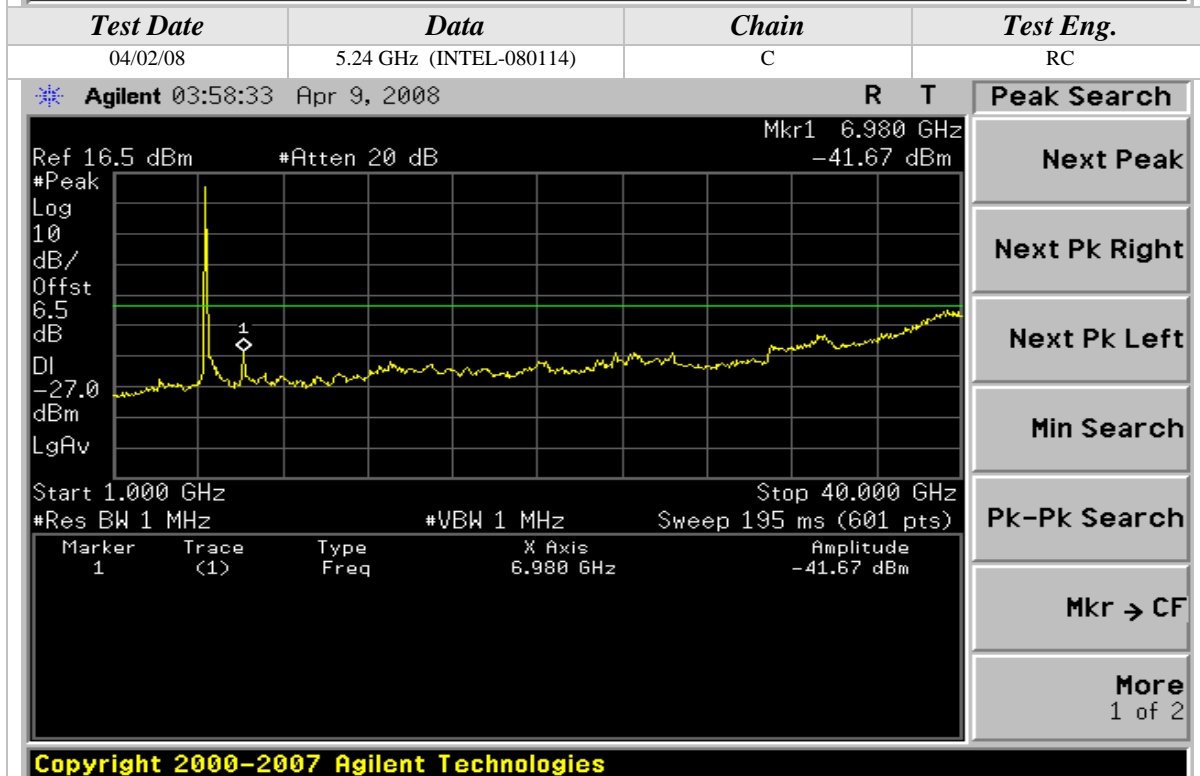
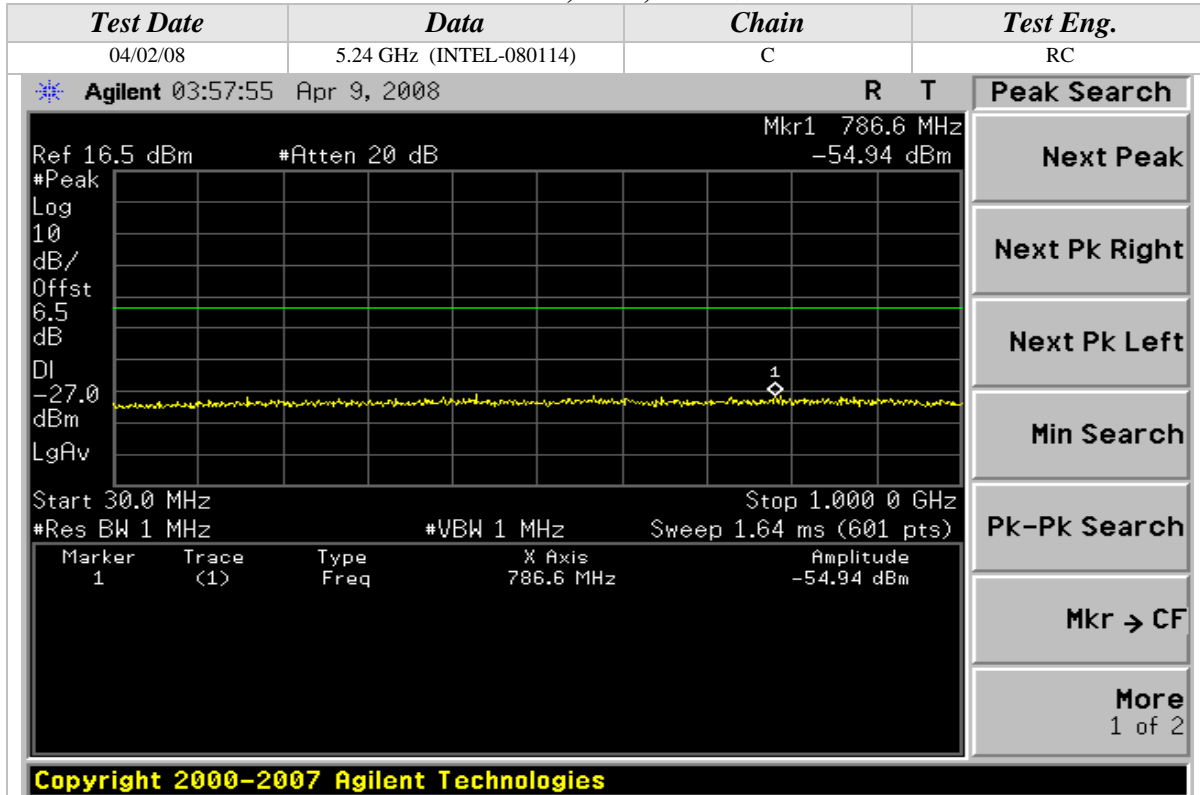
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

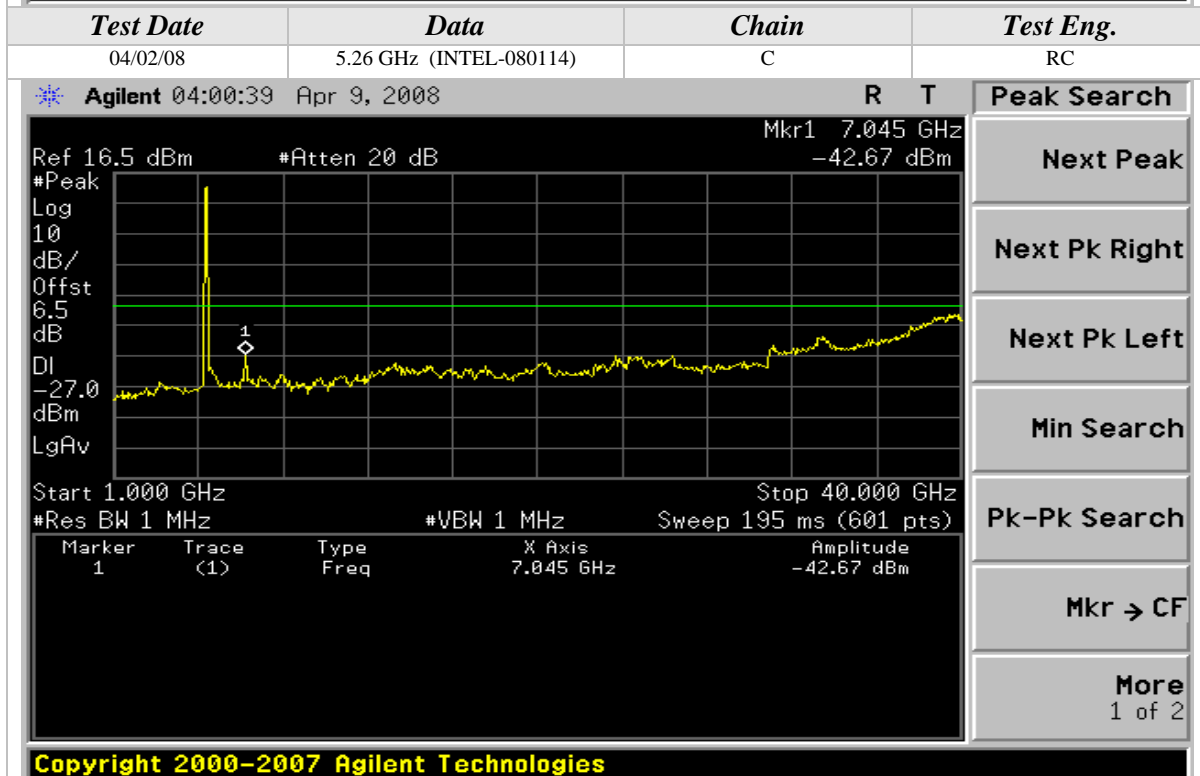
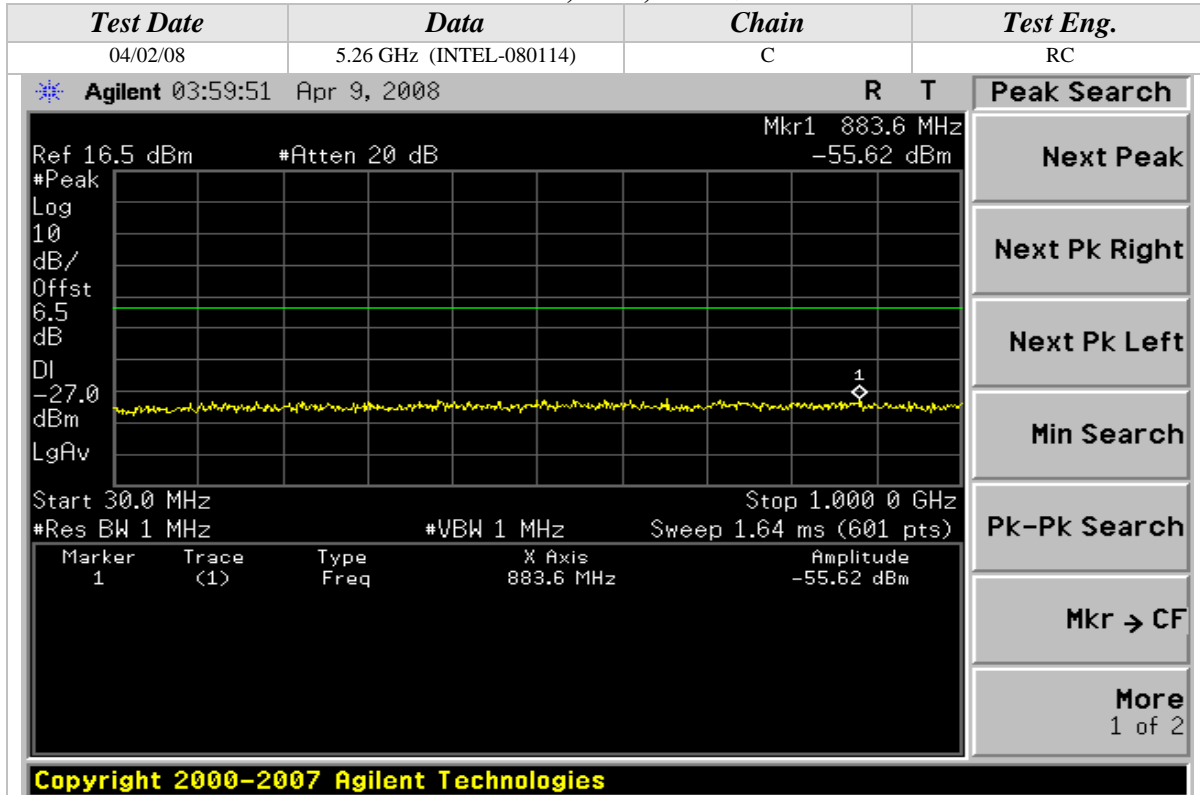
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

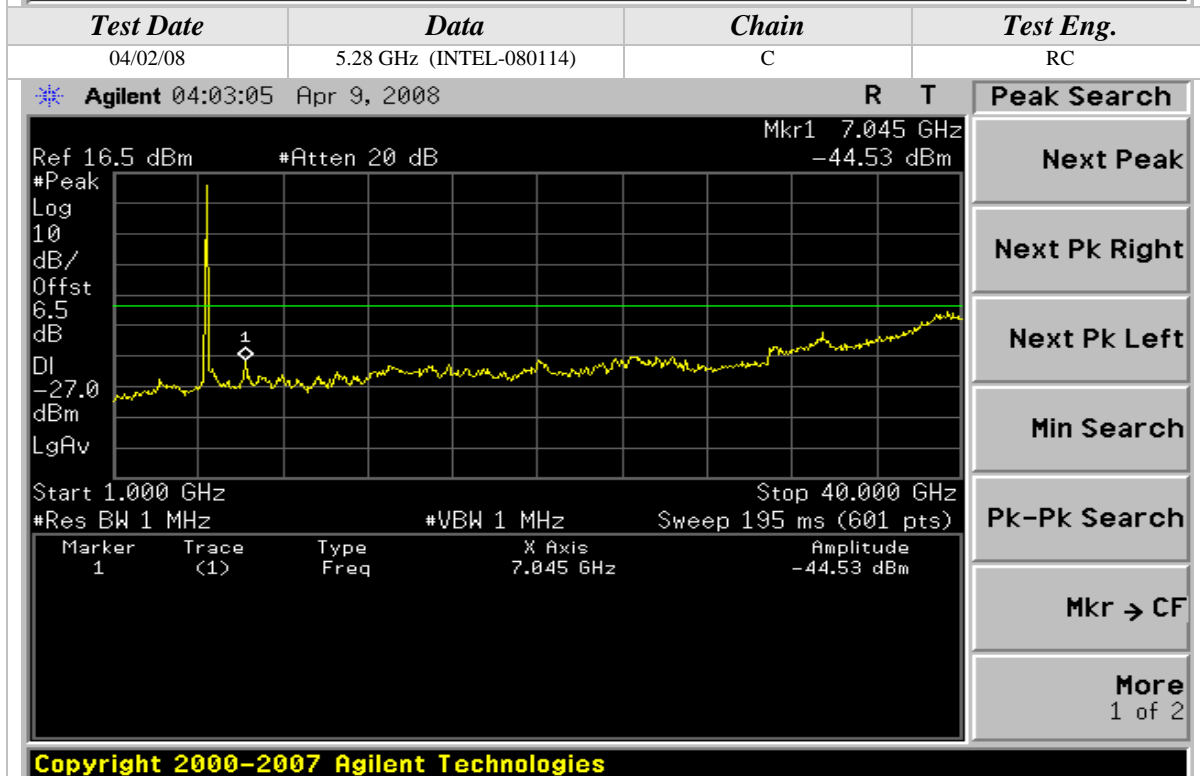
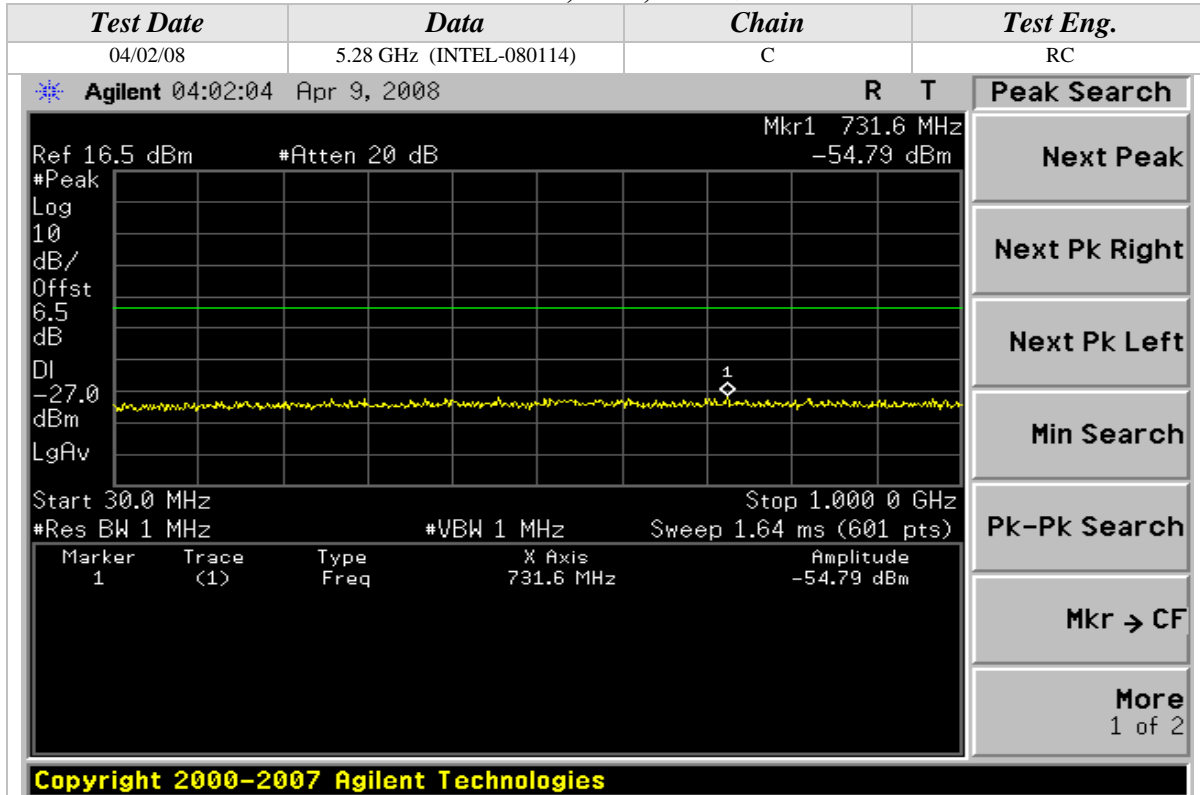
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

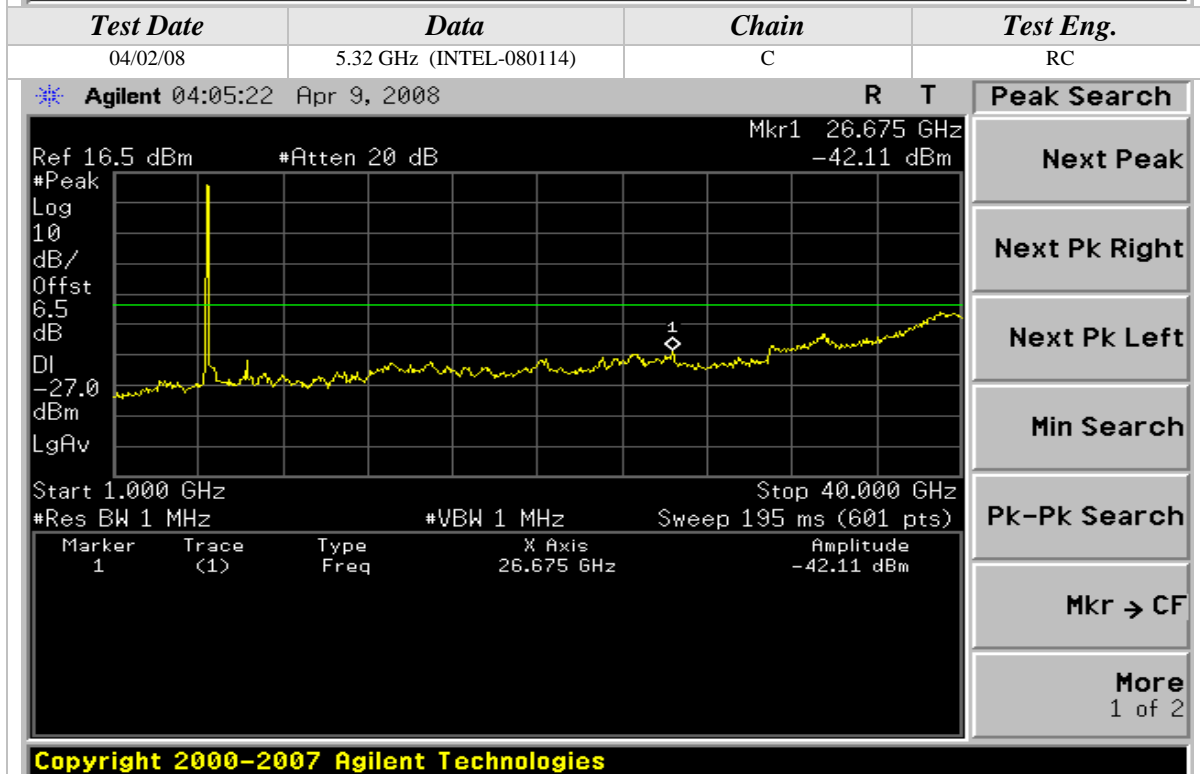
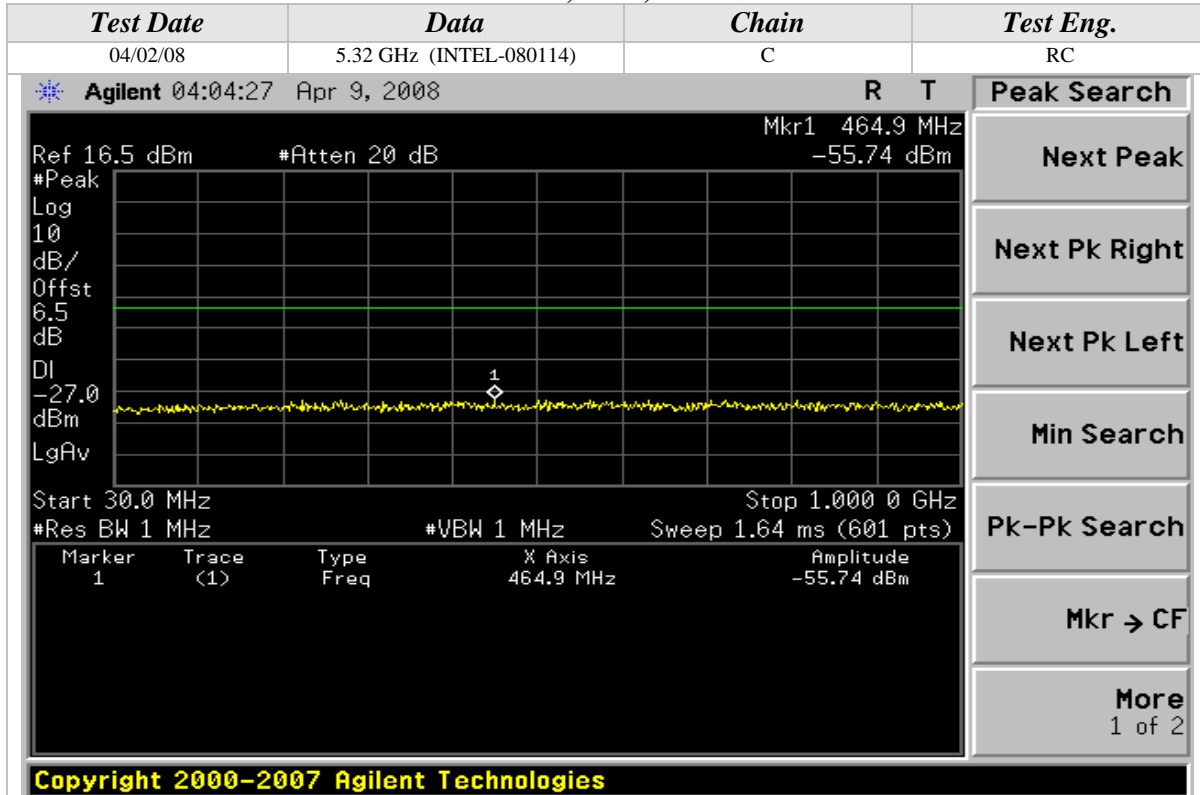
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

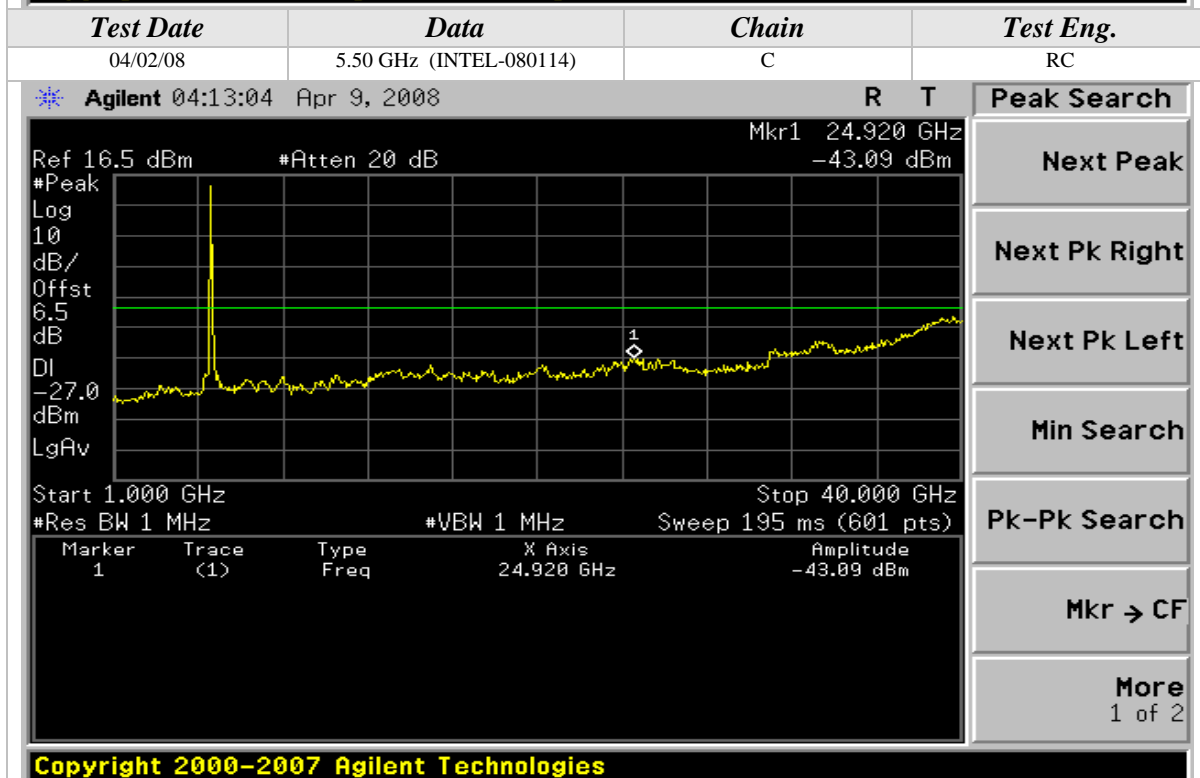
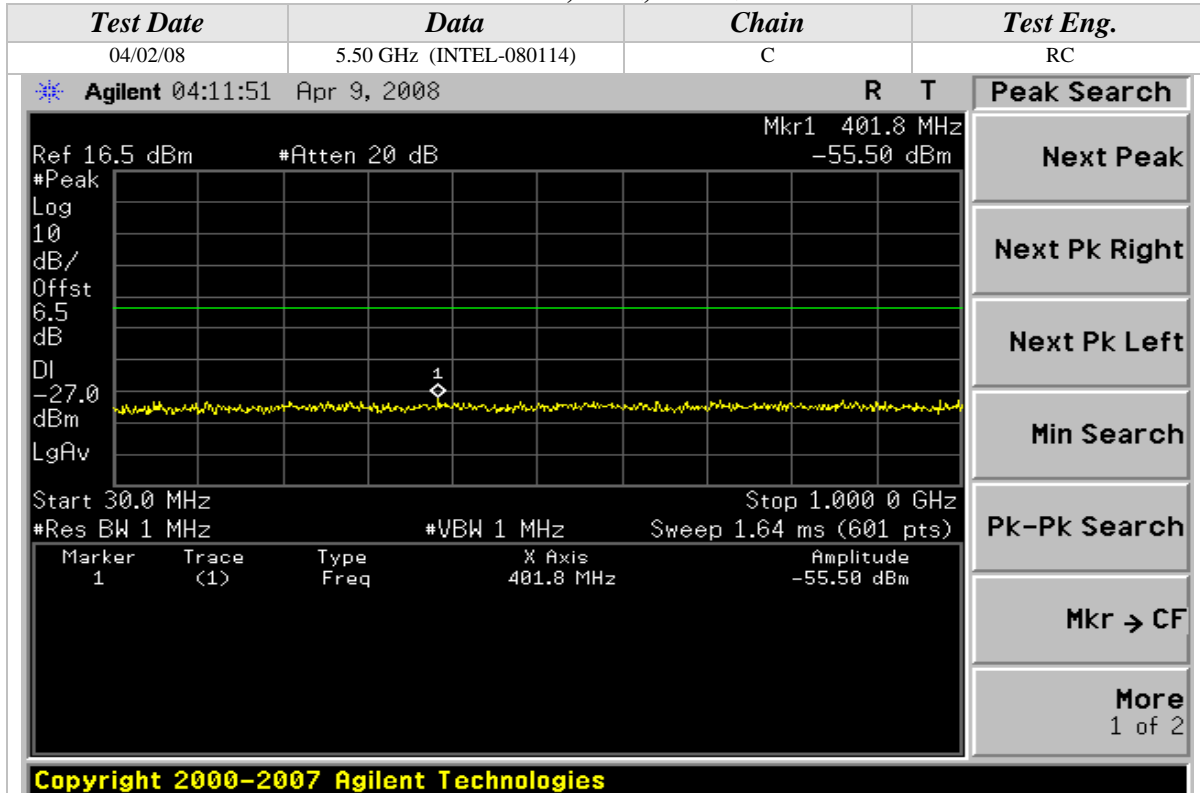
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

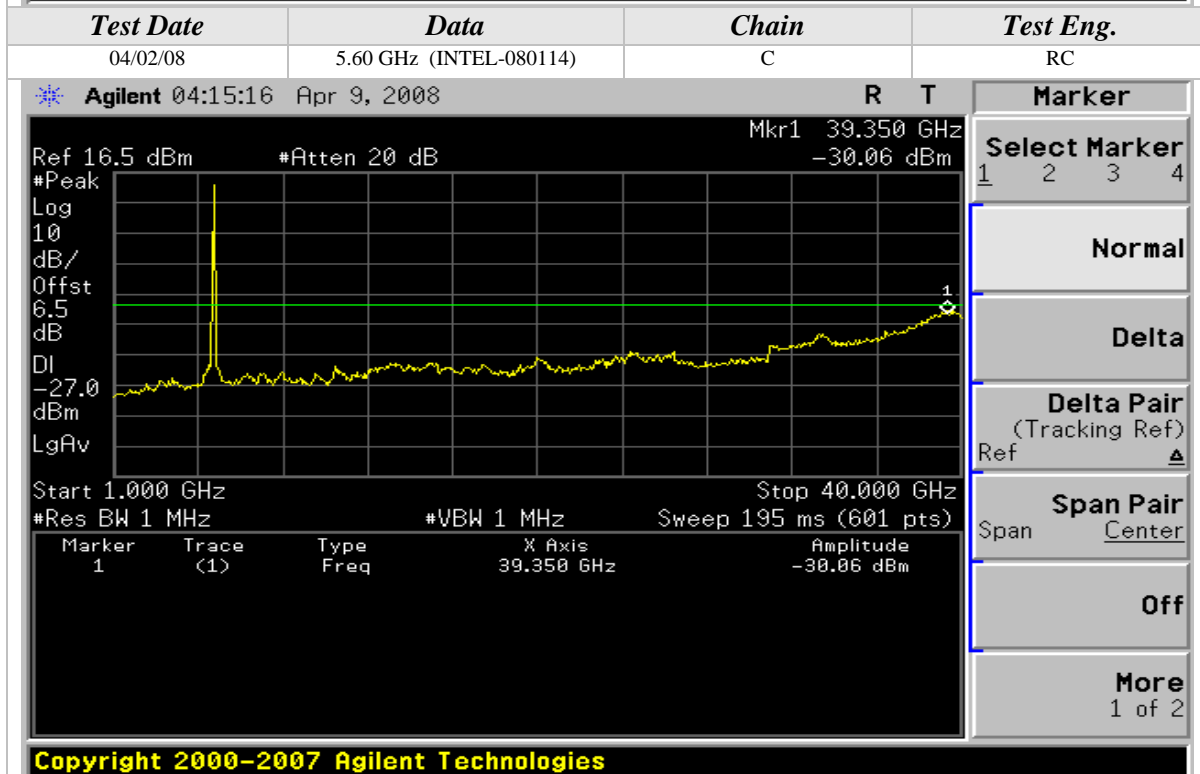
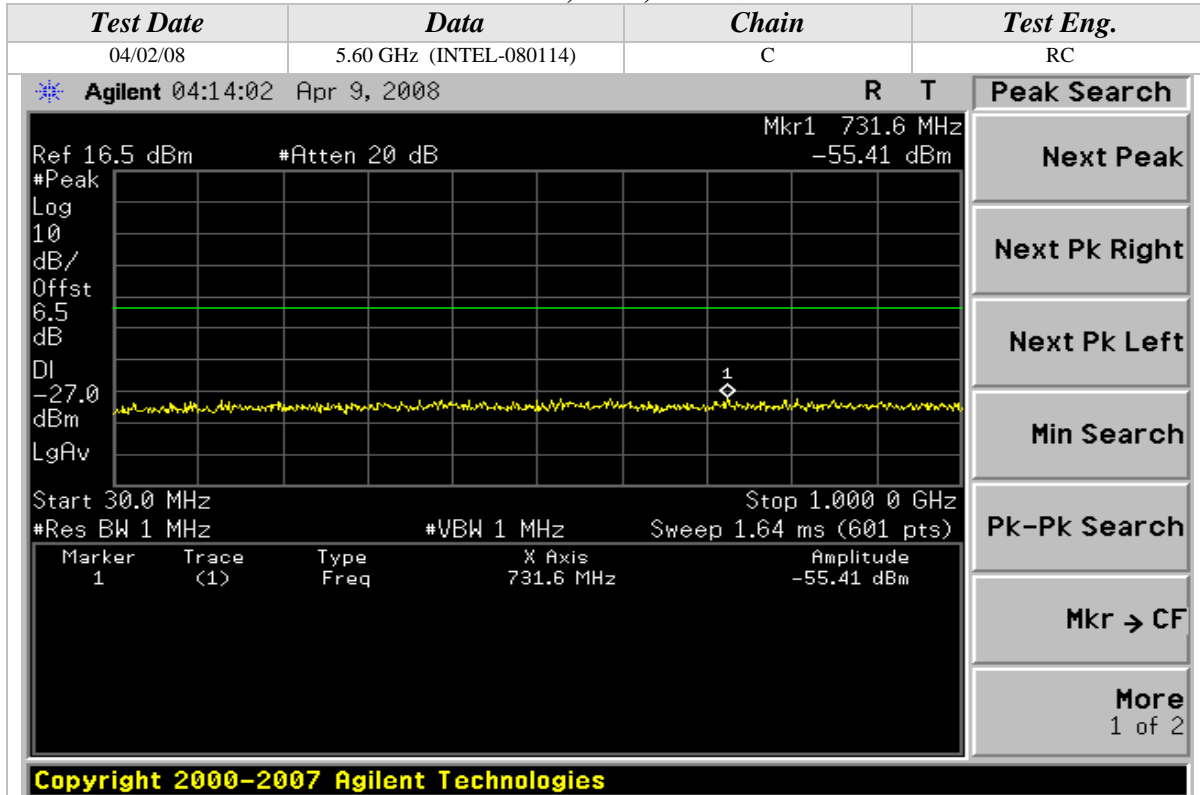
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

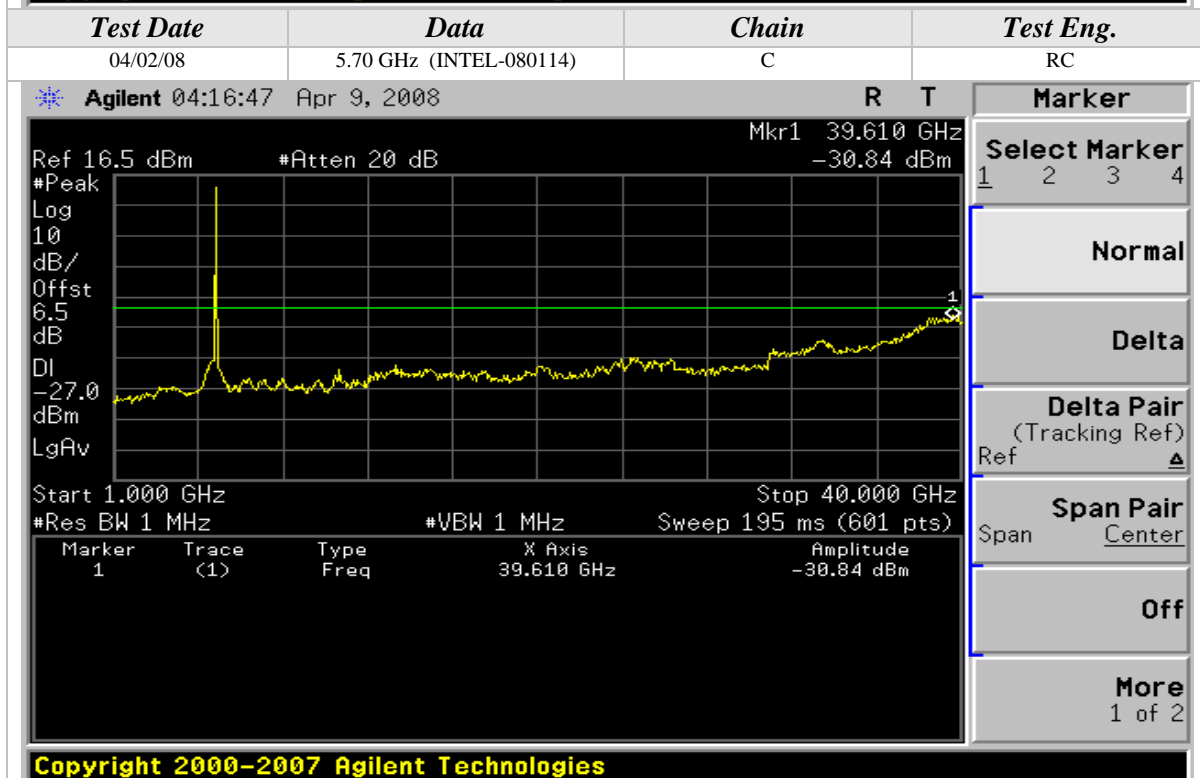
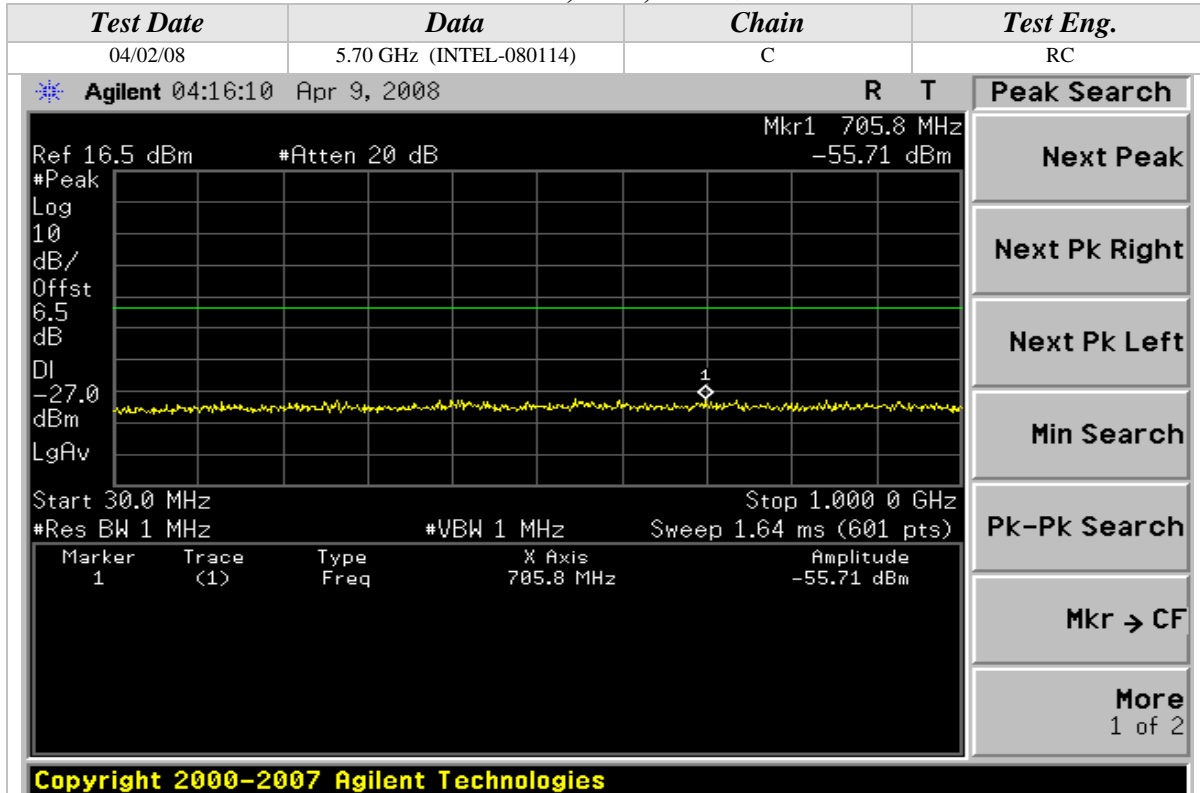
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Conducted Out Of Band Emissions (Continued)

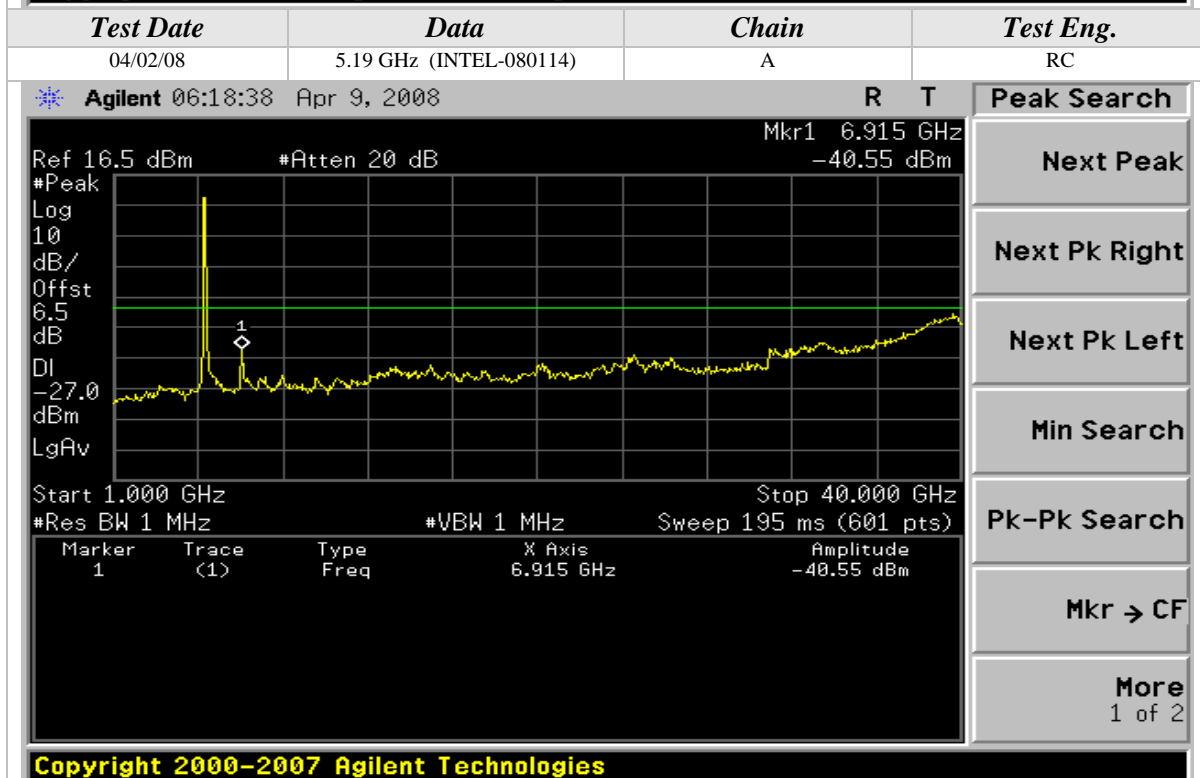
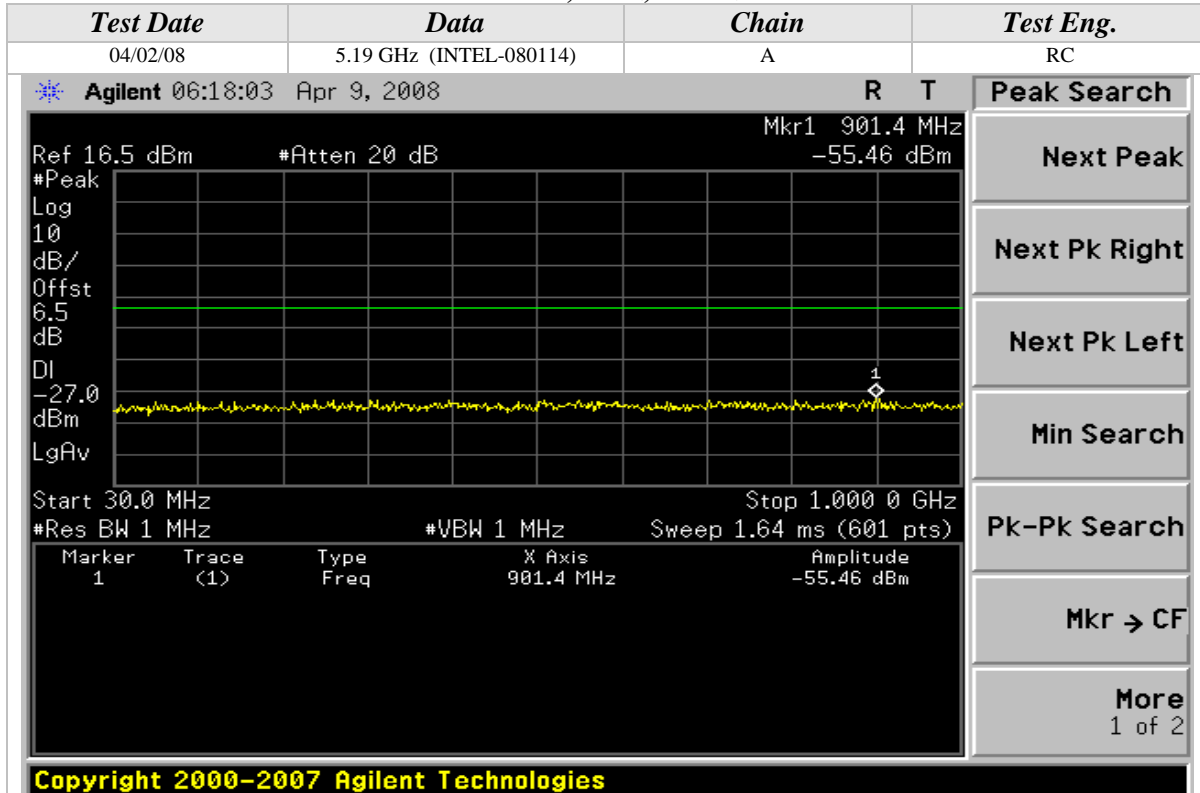
802.11n Mode, 5GHz, 20MHz Wide





Conducted Out Of Band Emissions (Continued)

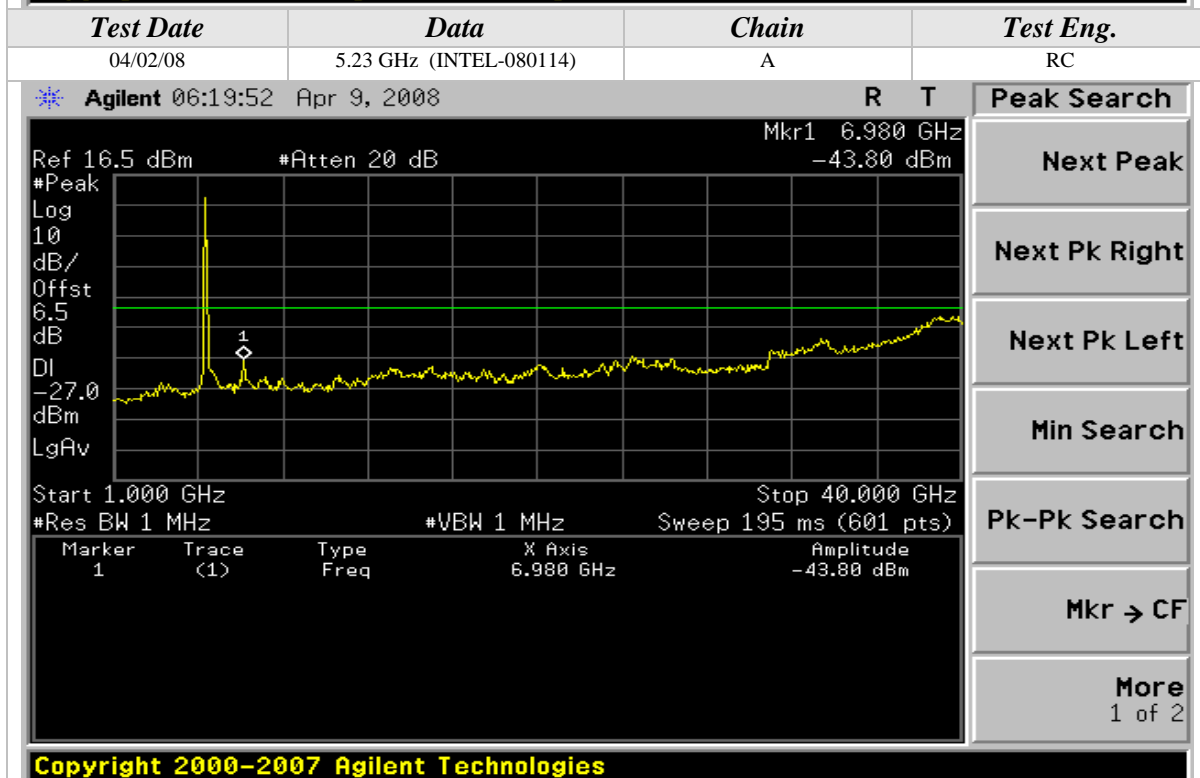
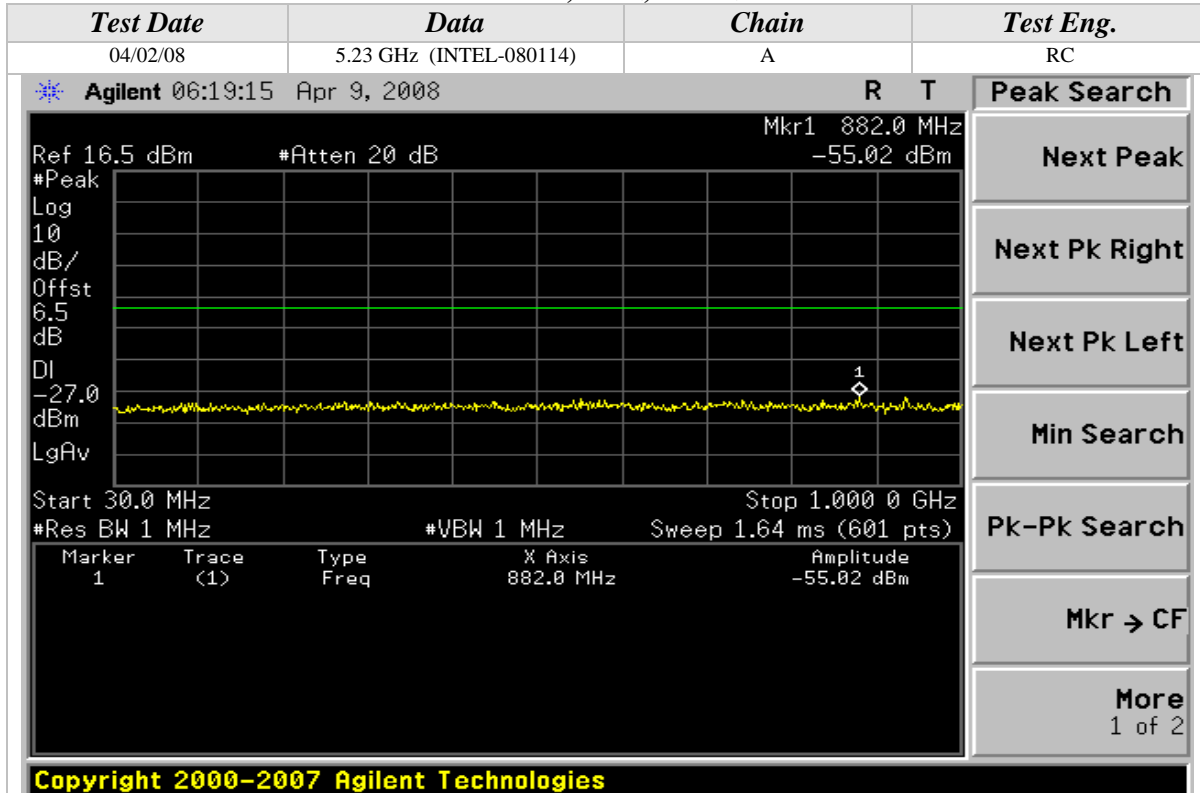
802.11n Mode, 5GHz, 40MHz Wide





Conducted Out Of Band Emissions (Continued)

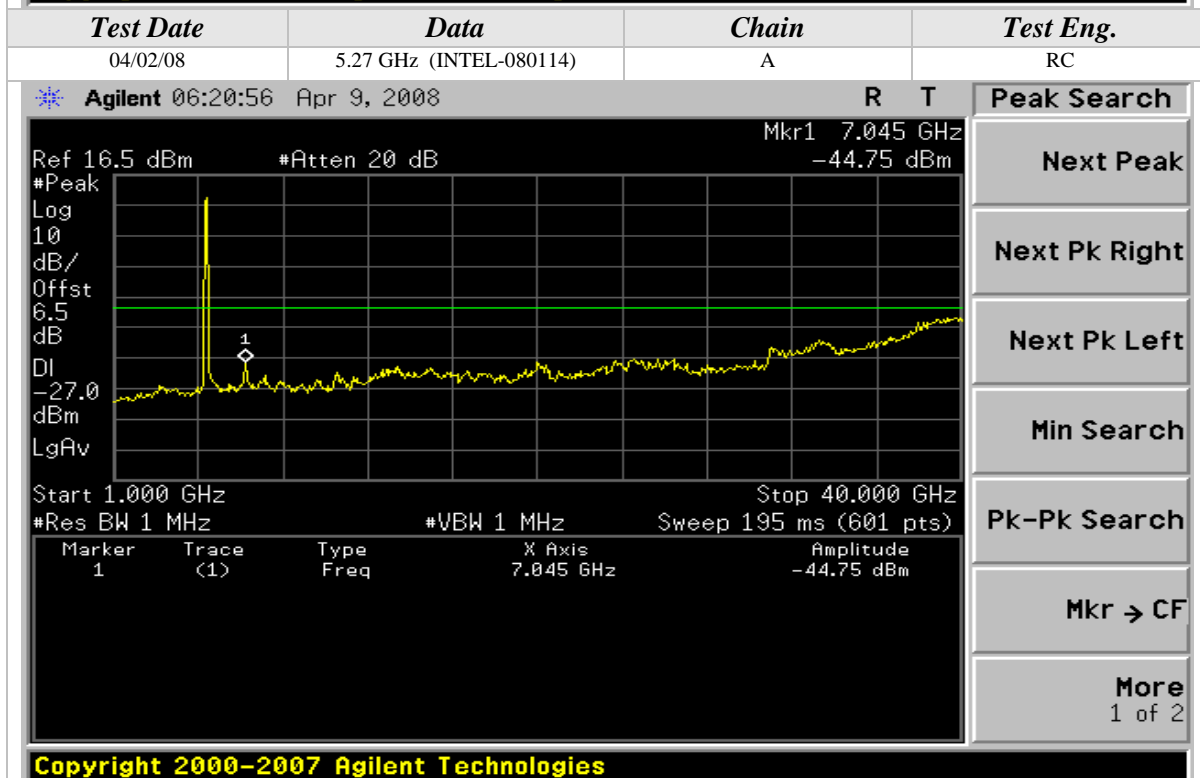
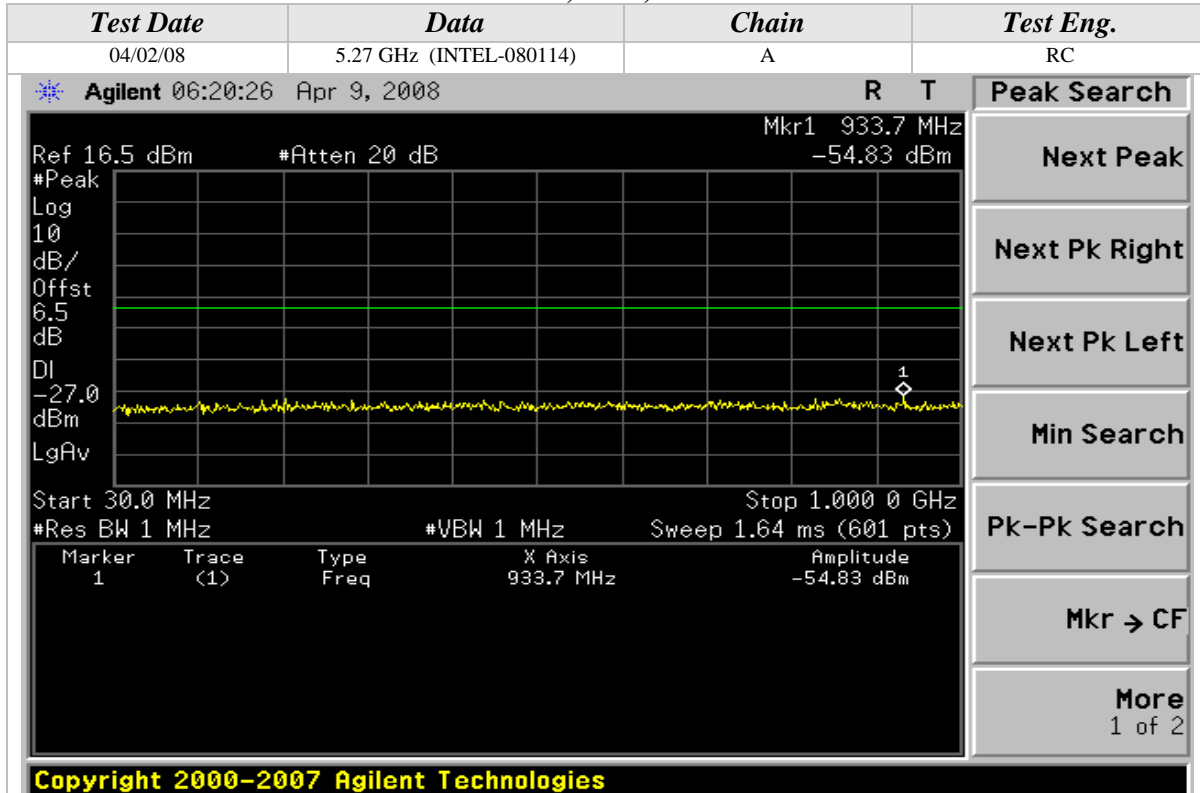
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Conducted Out Of Band Emissions (Continued)

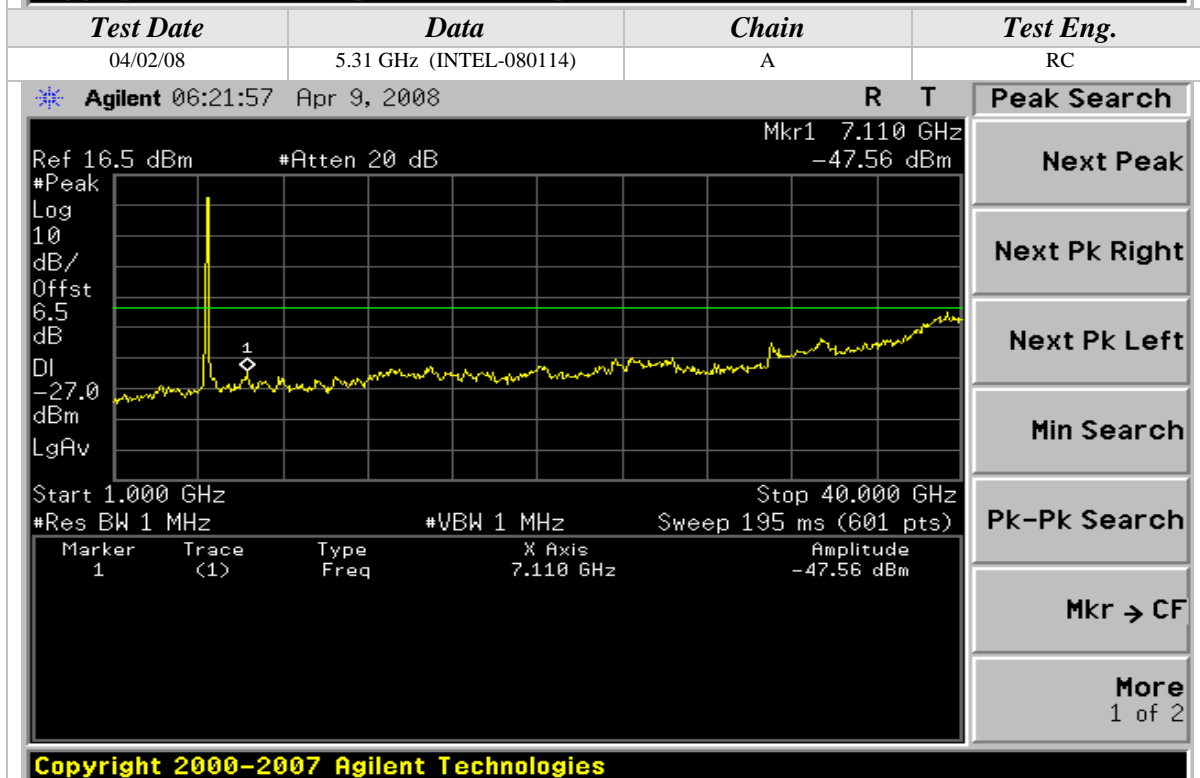
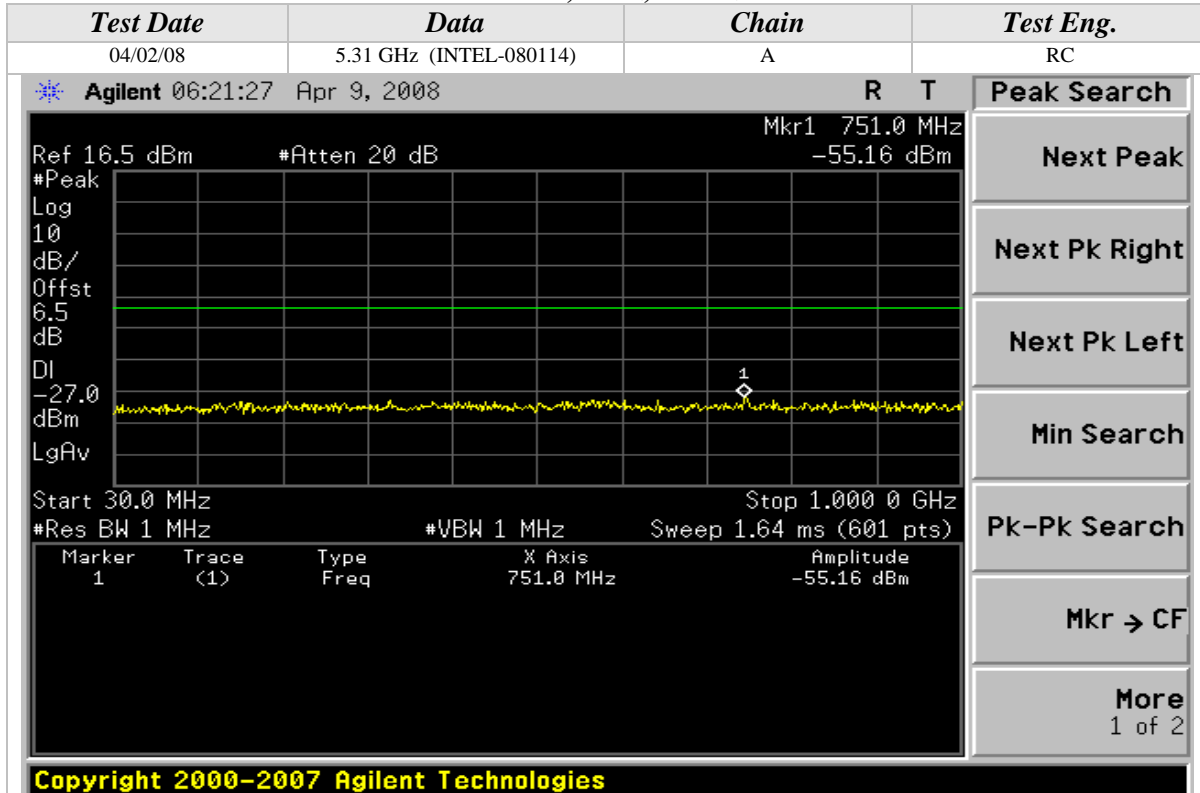
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Conducted Out Of Band Emissions (Continued)

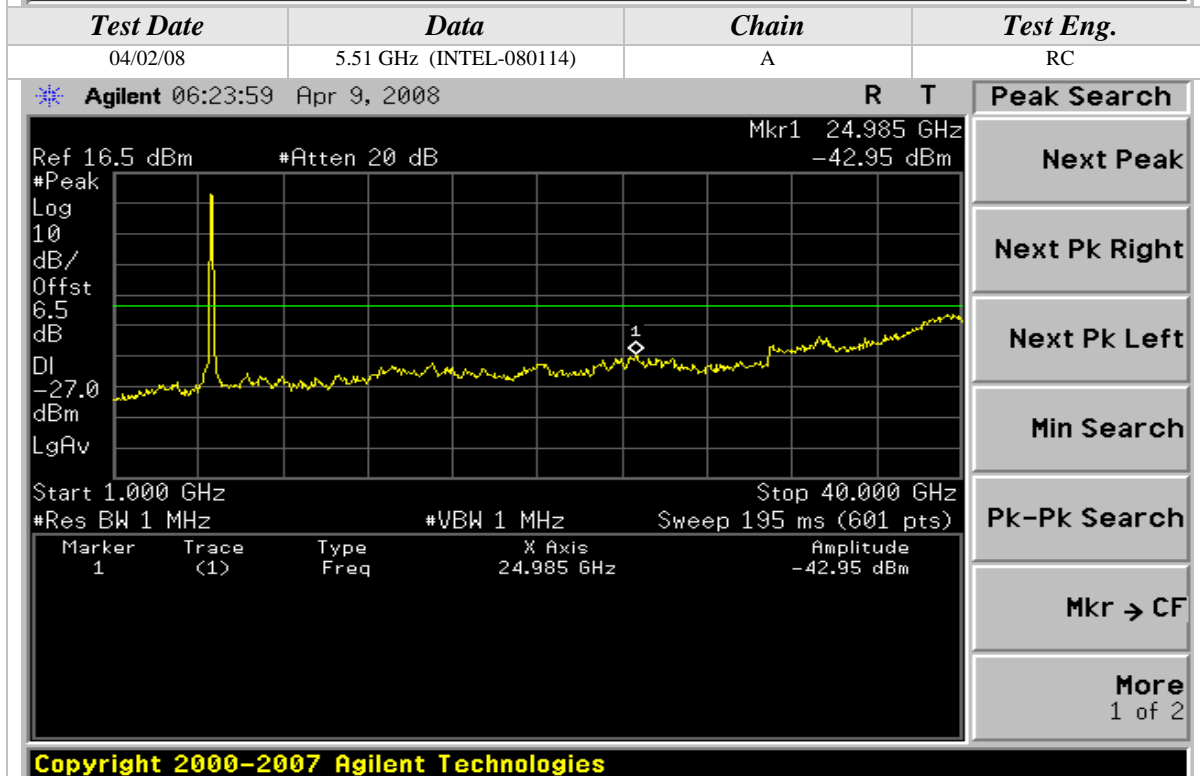
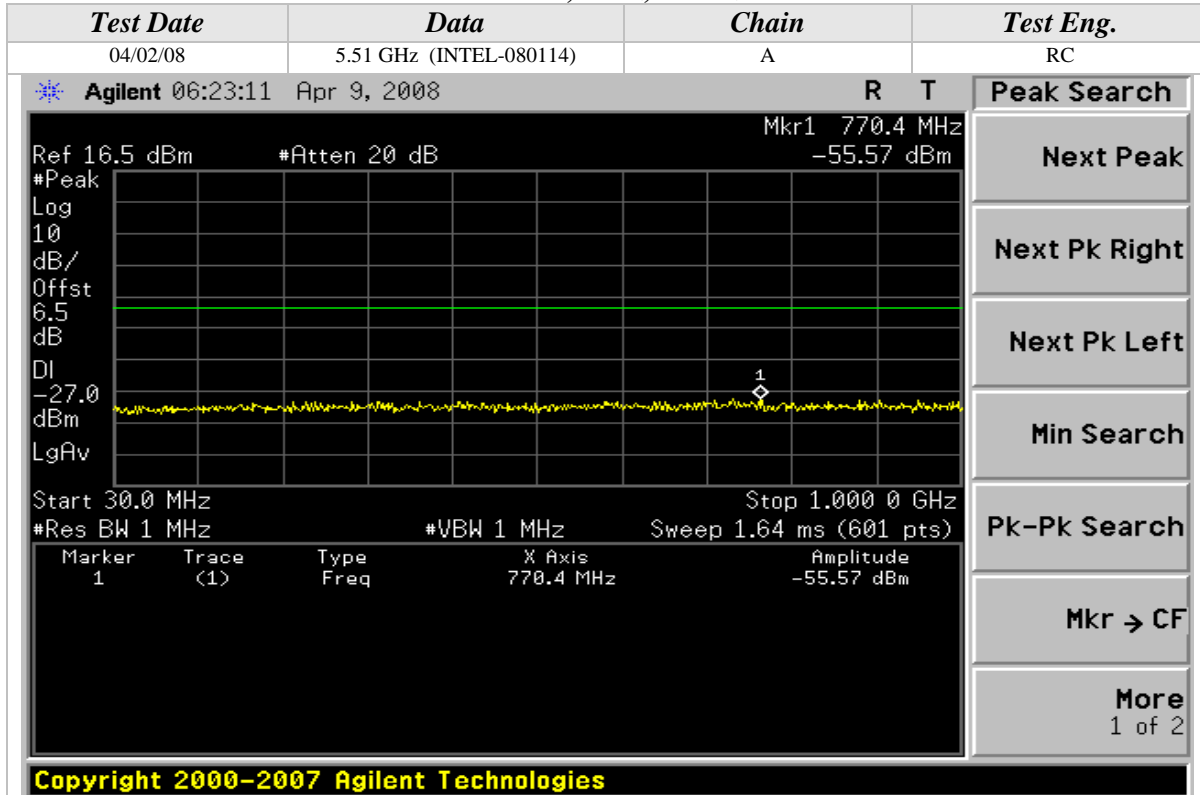
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Conducted Out Of Band Emissions (Continued)

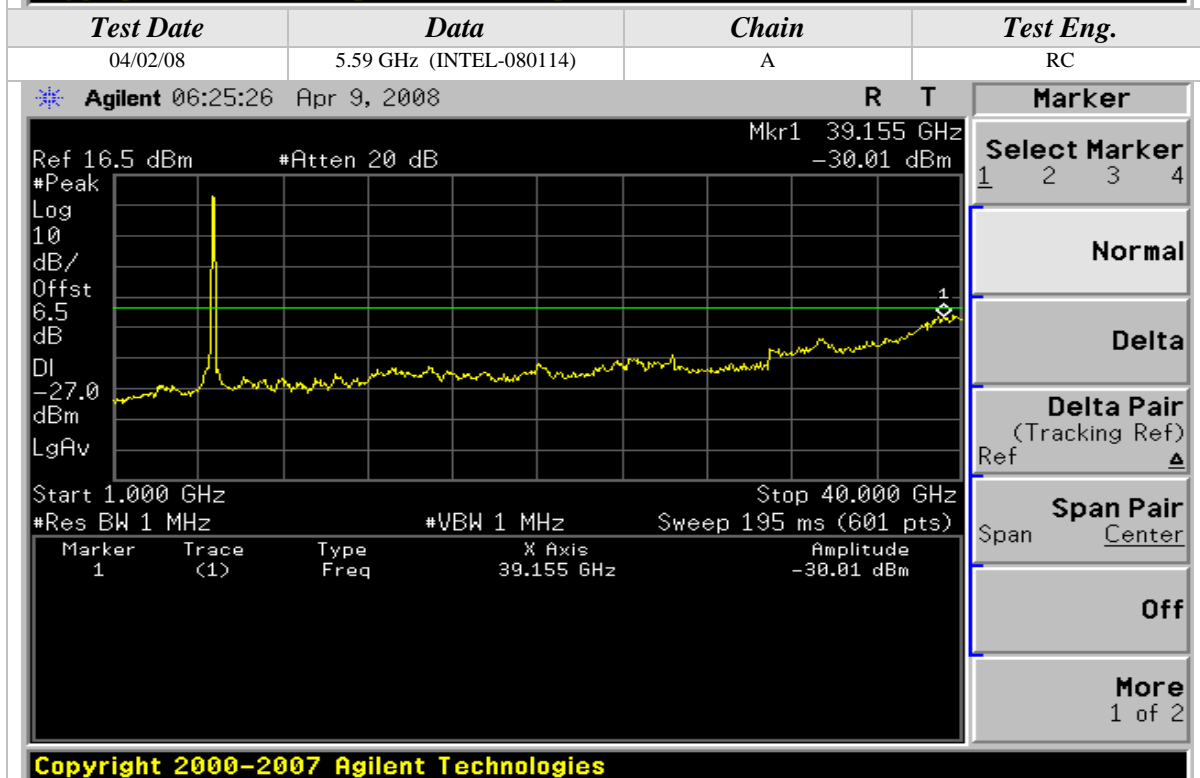
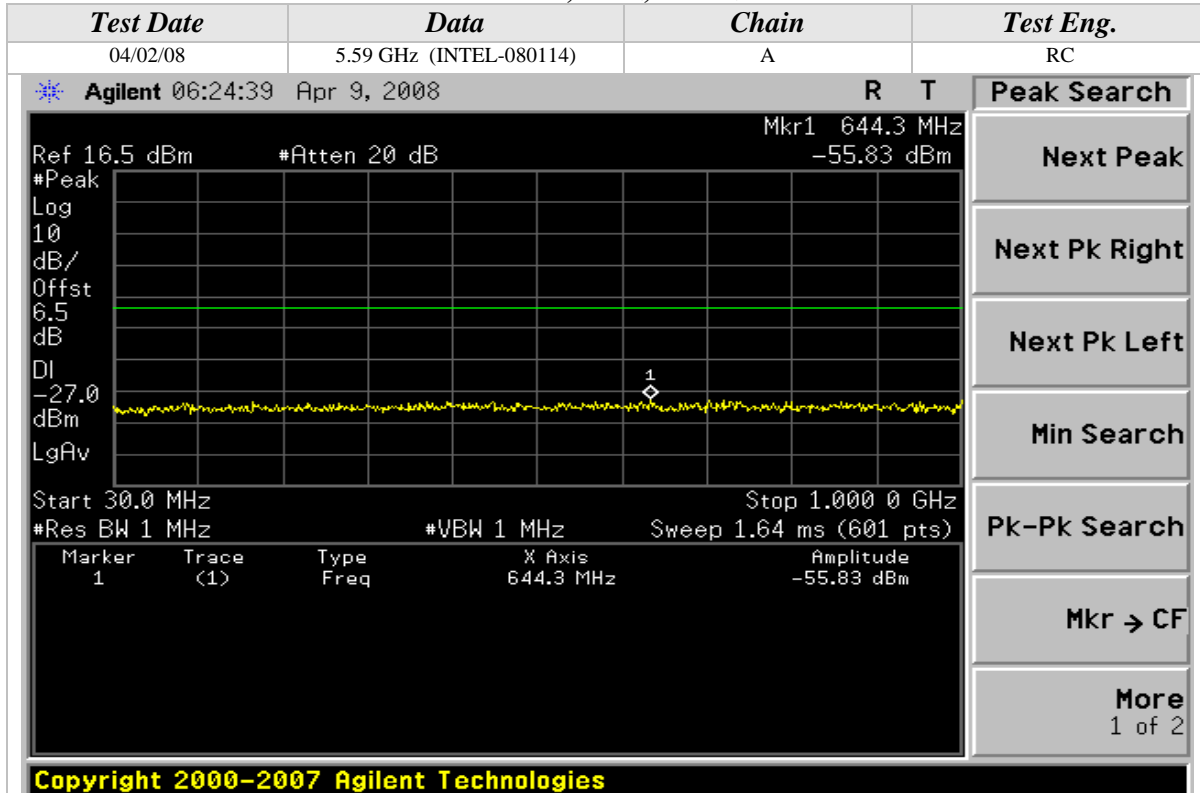
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Conducted Out Of Band Emissions (Continued)

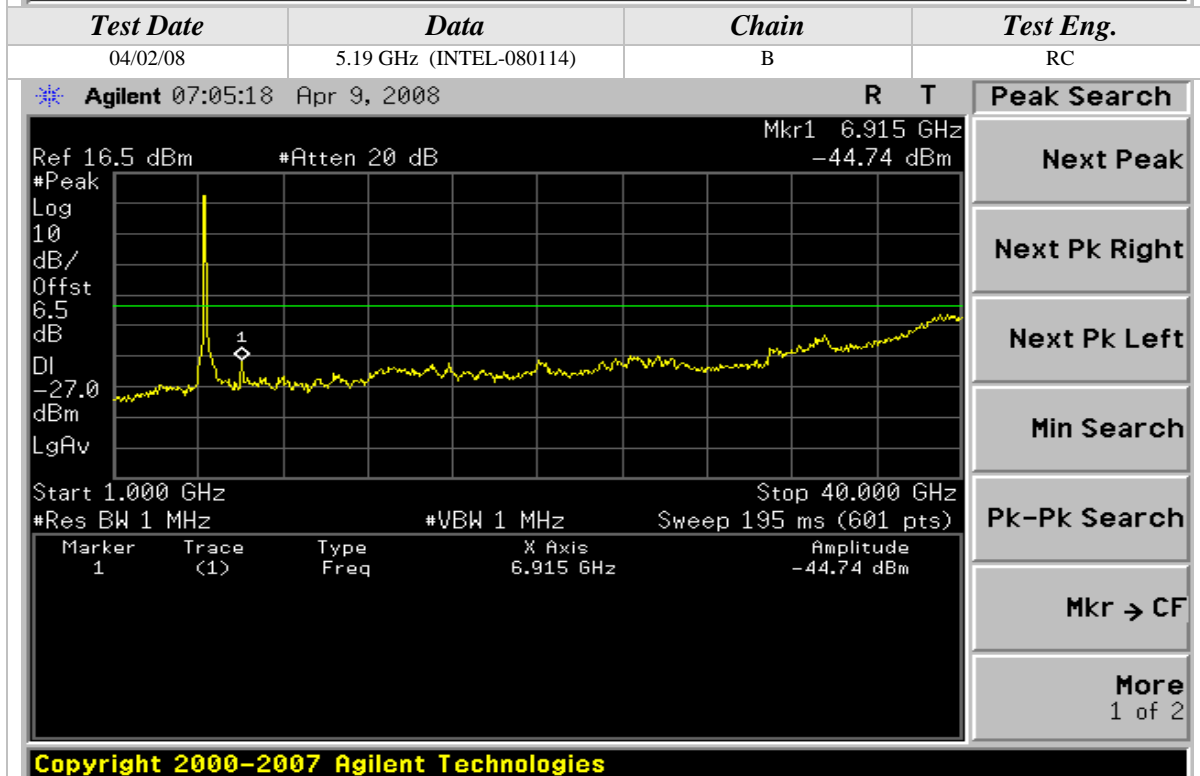
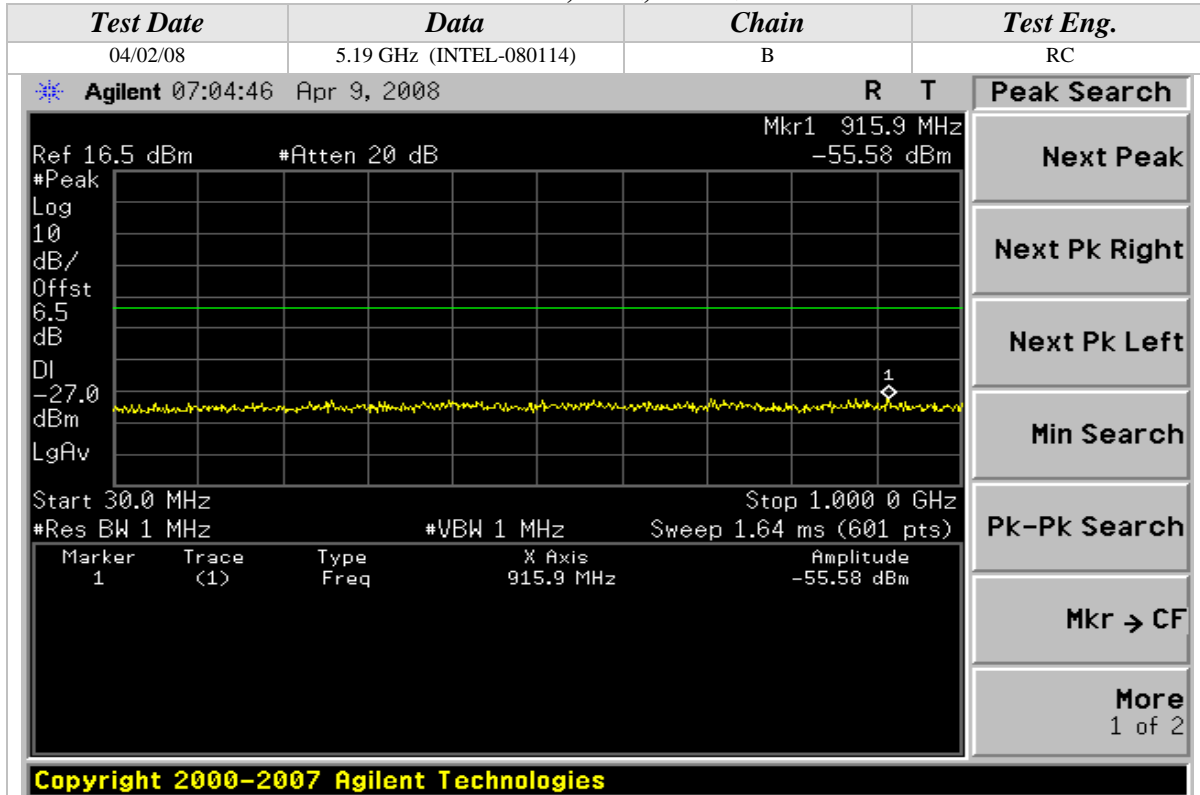
802.11n Mode, 5GHz, 40MHz Wide





Conducted Out Of Band Emissions (Continued)

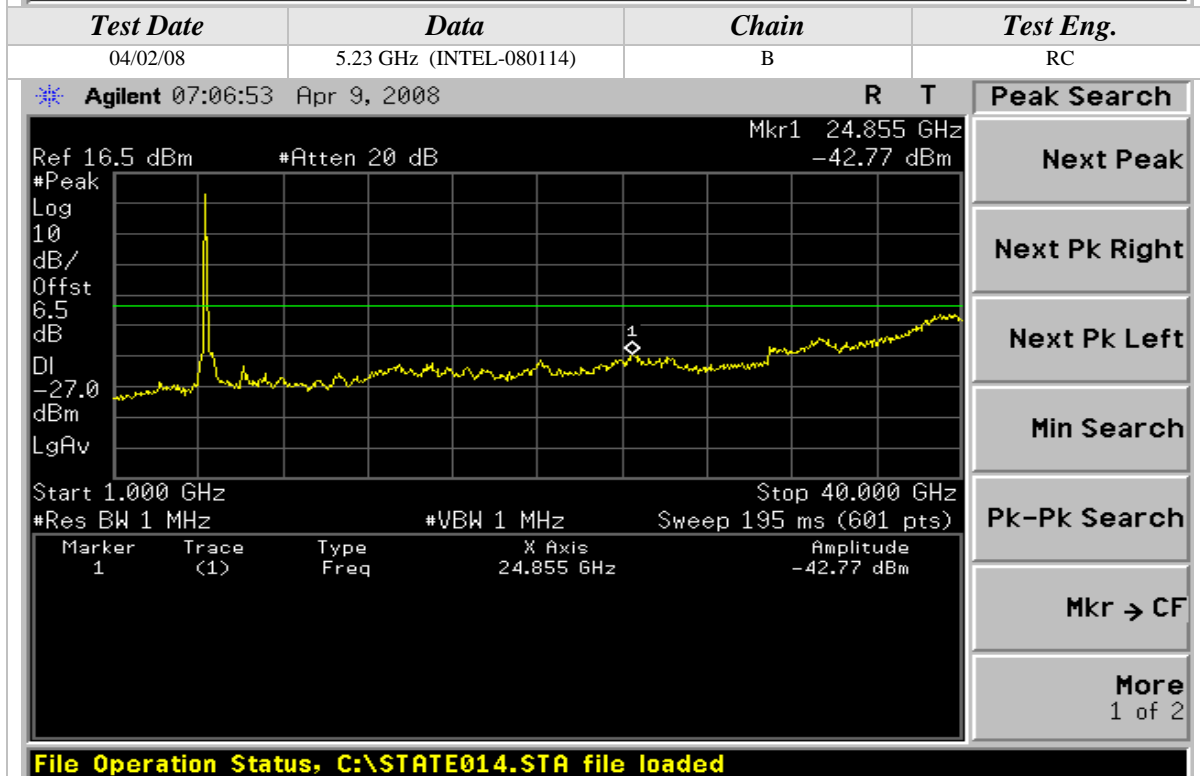
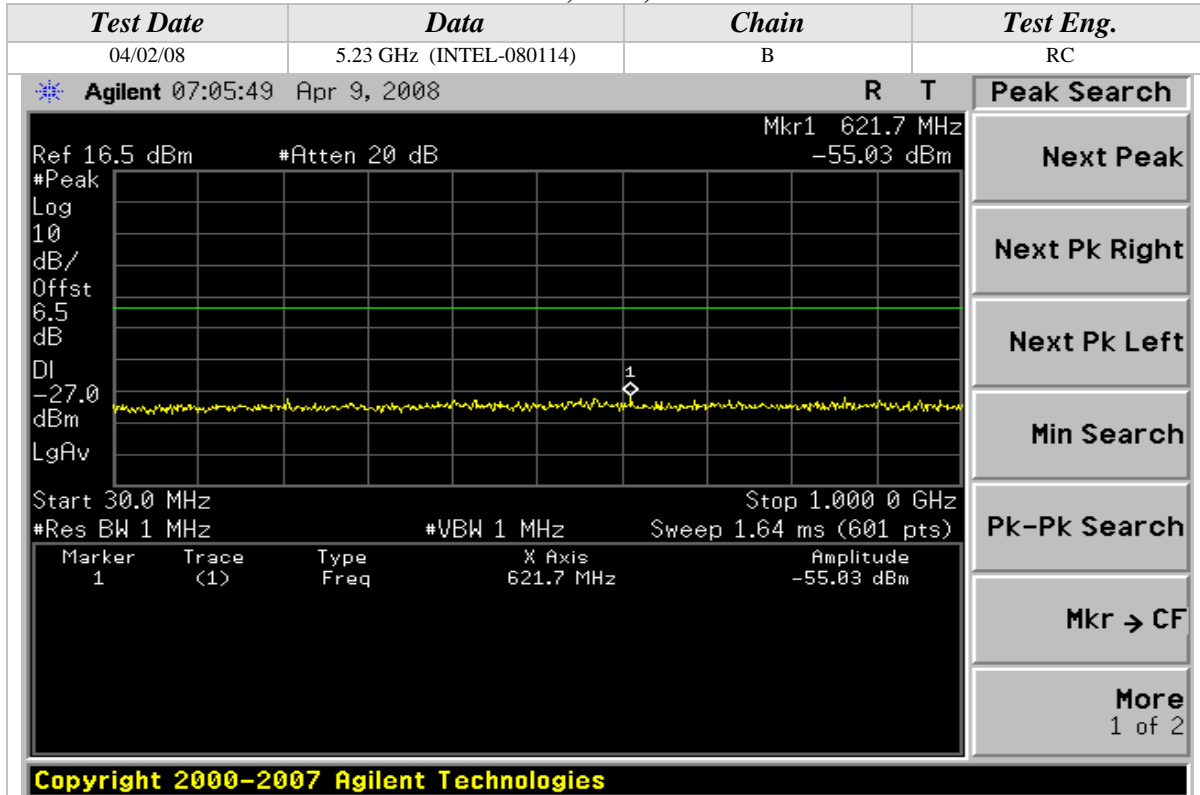
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Conducted Out Of Band Emissions (Continued)

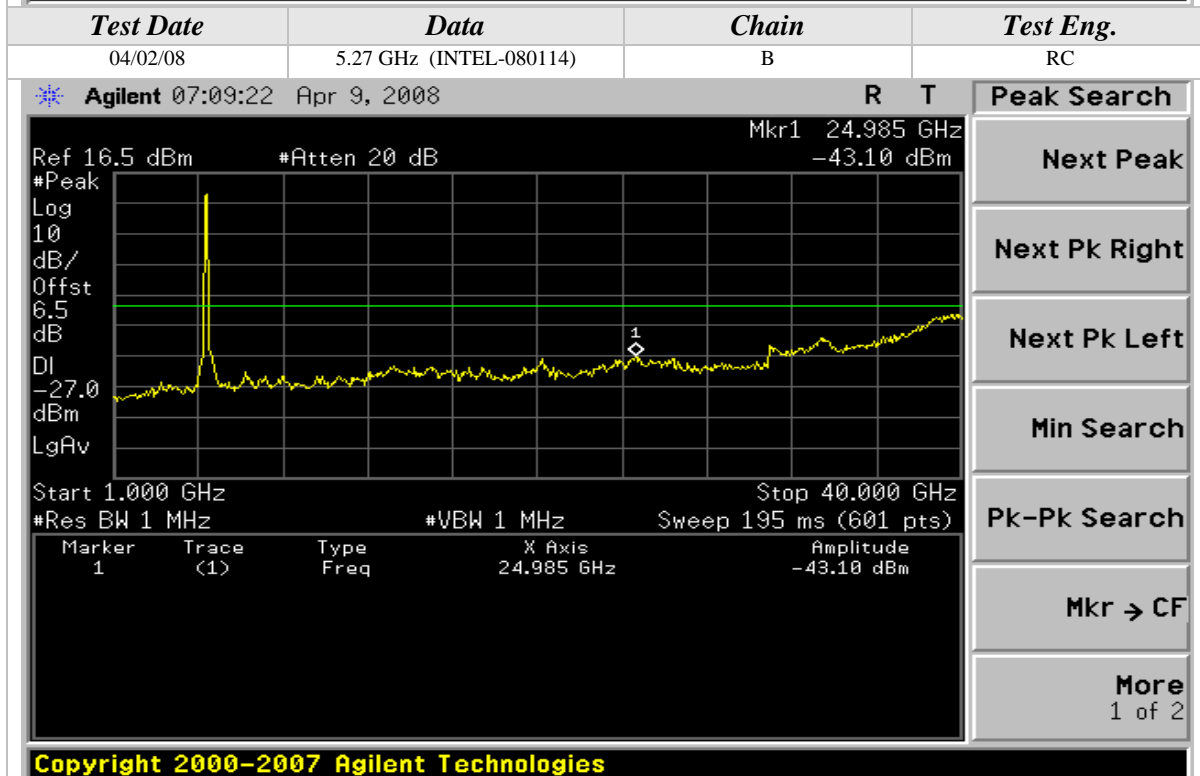
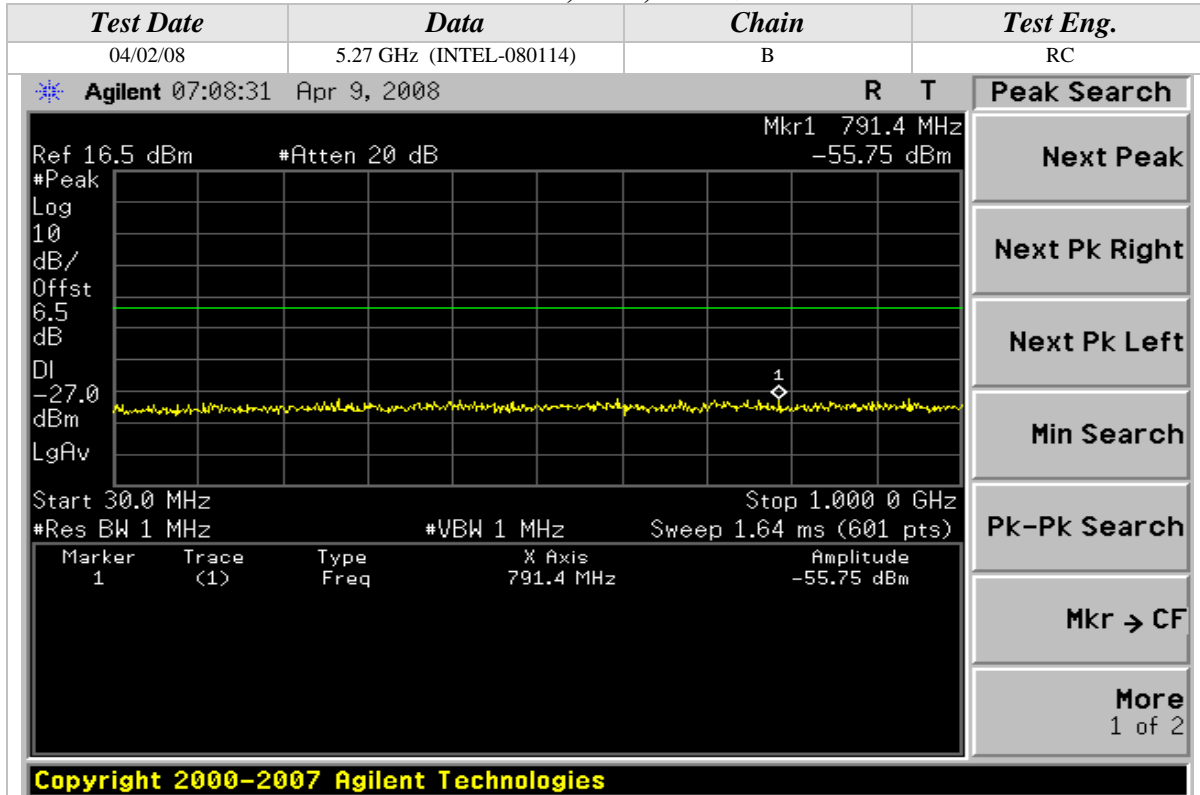
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Conducted Out Of Band Emissions (Continued)

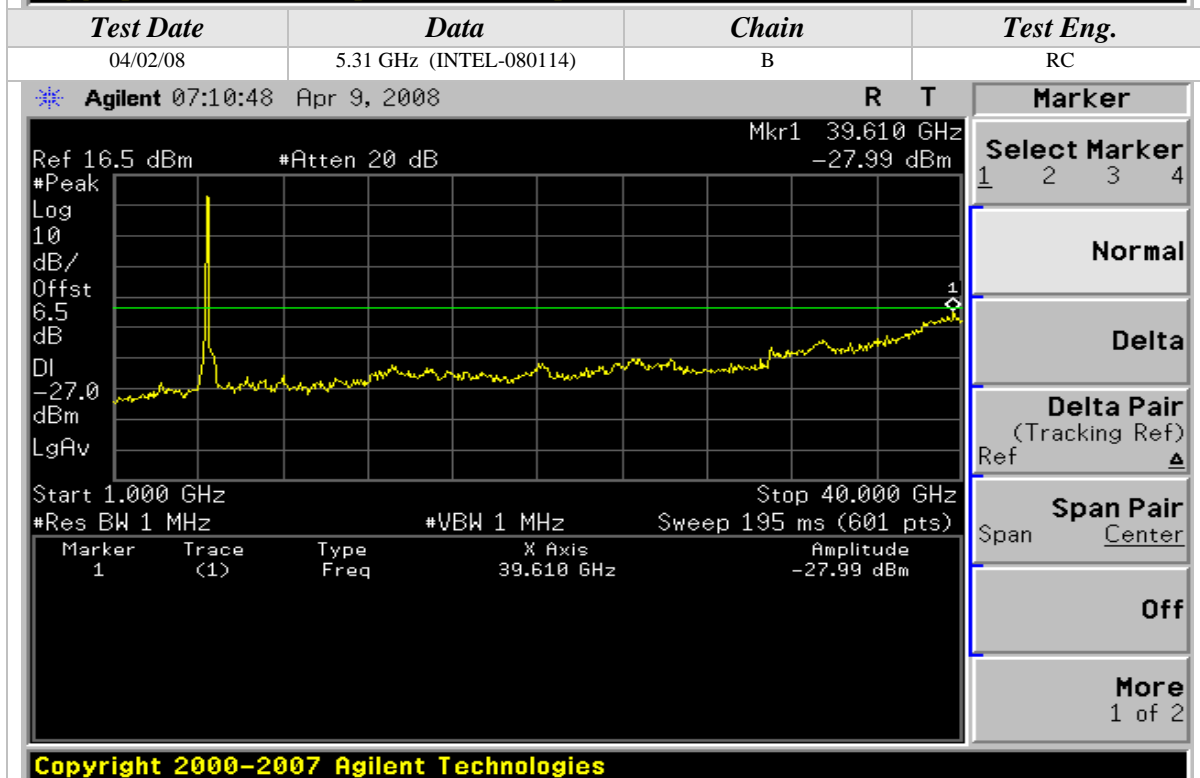
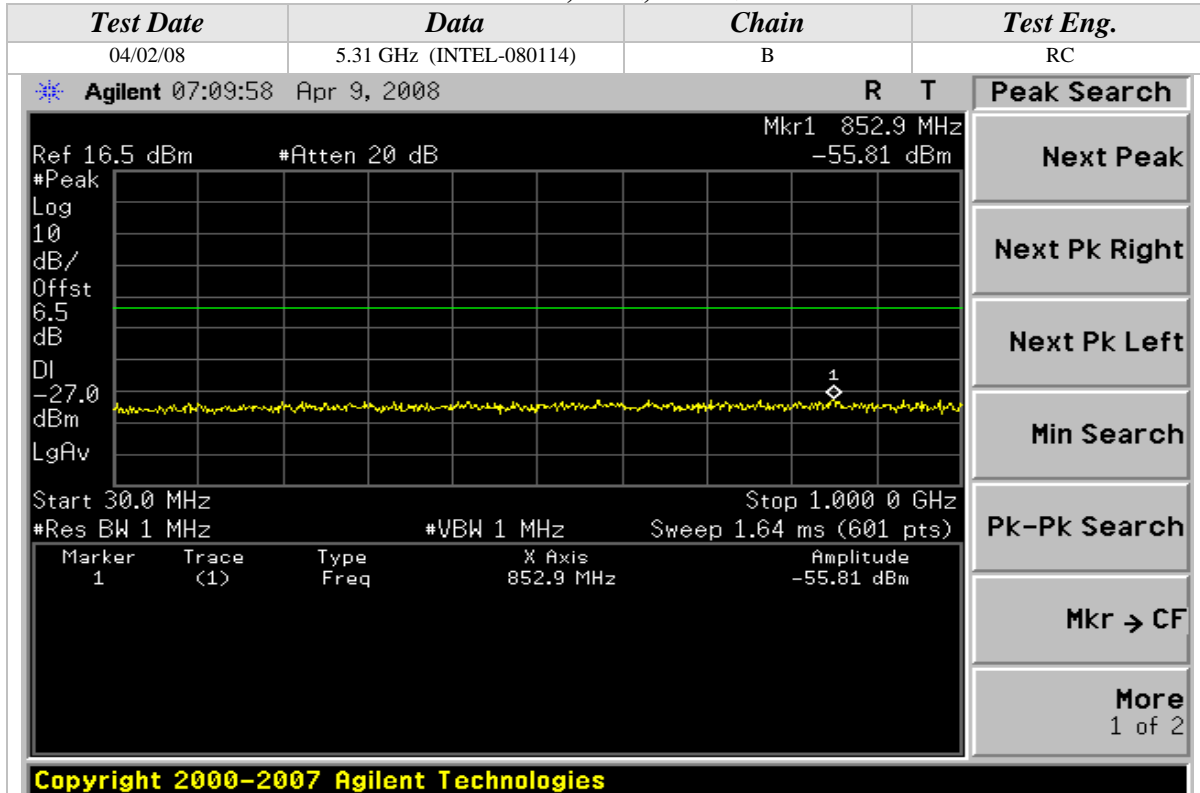
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Conducted Out Of Band Emissions (Continued)

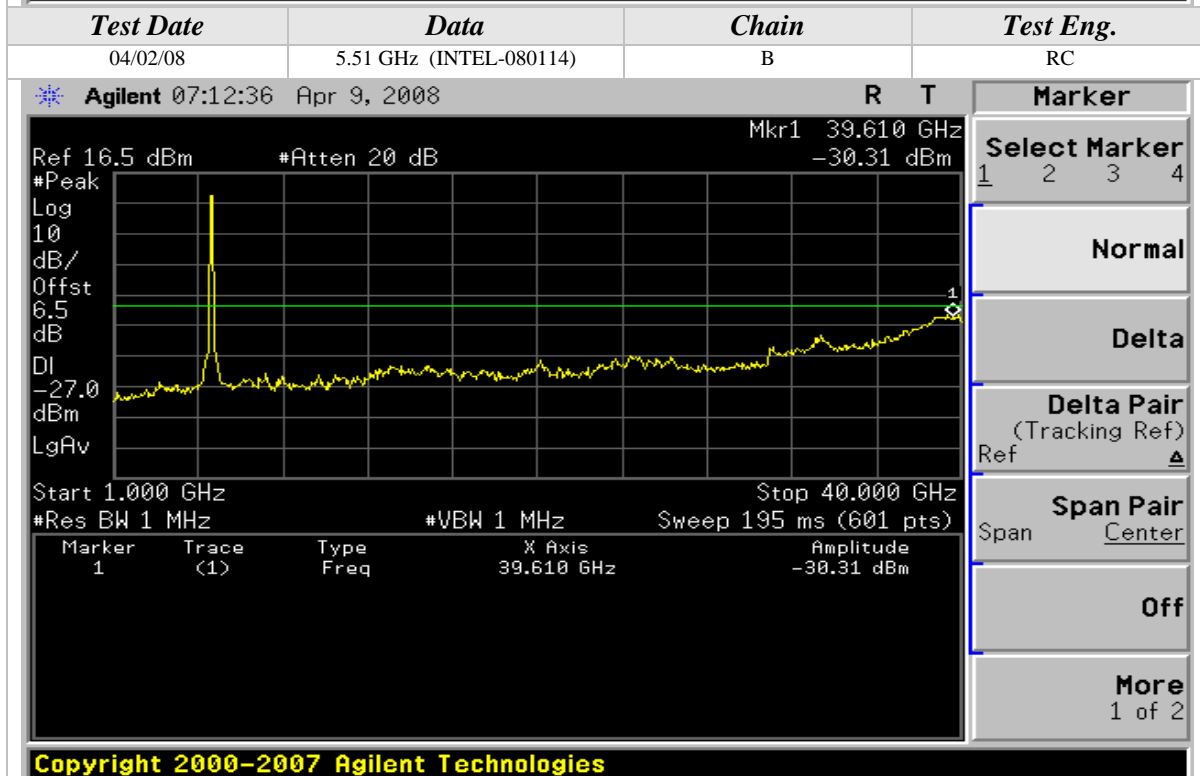
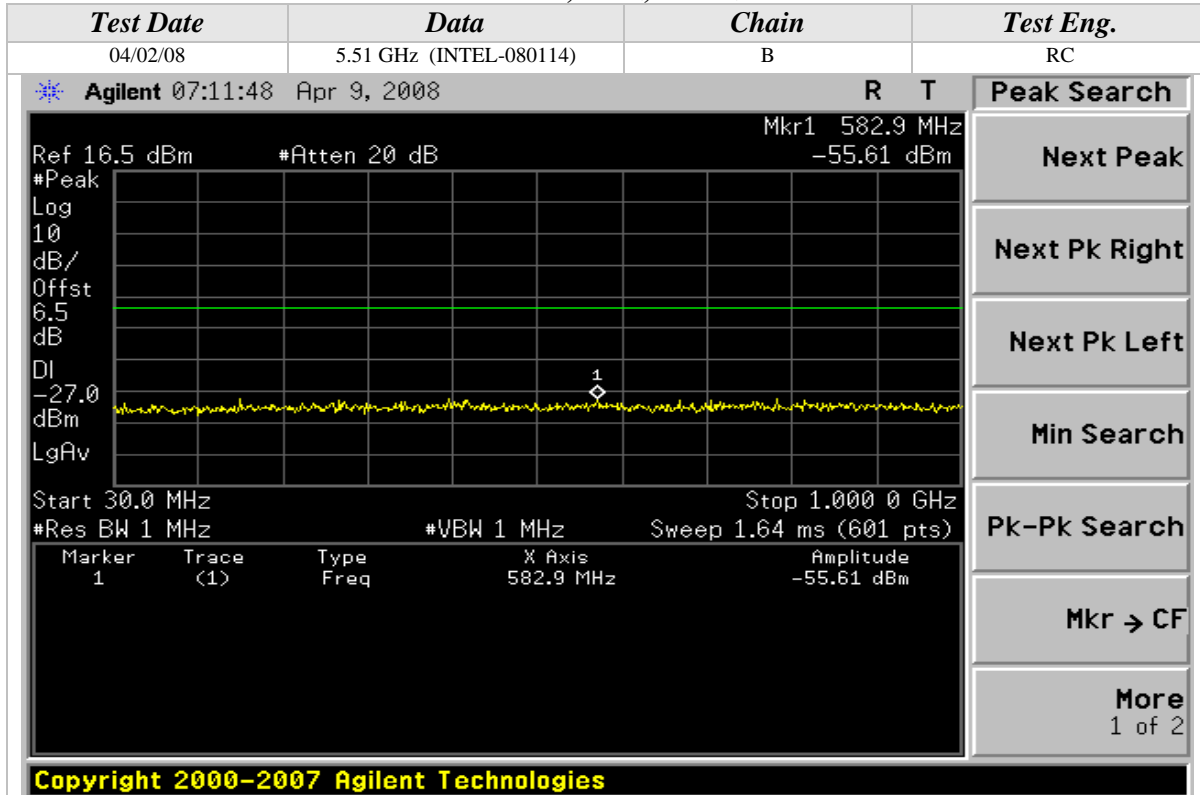
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Conducted Out Of Band Emissions (Continued)

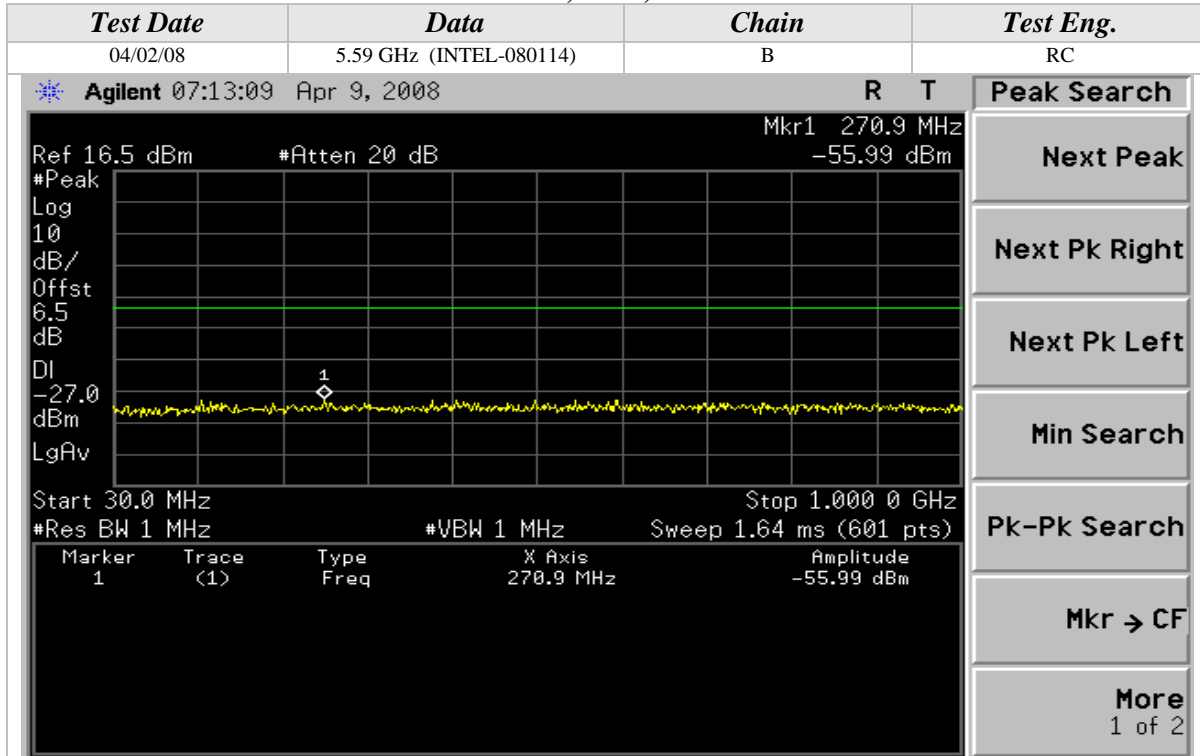
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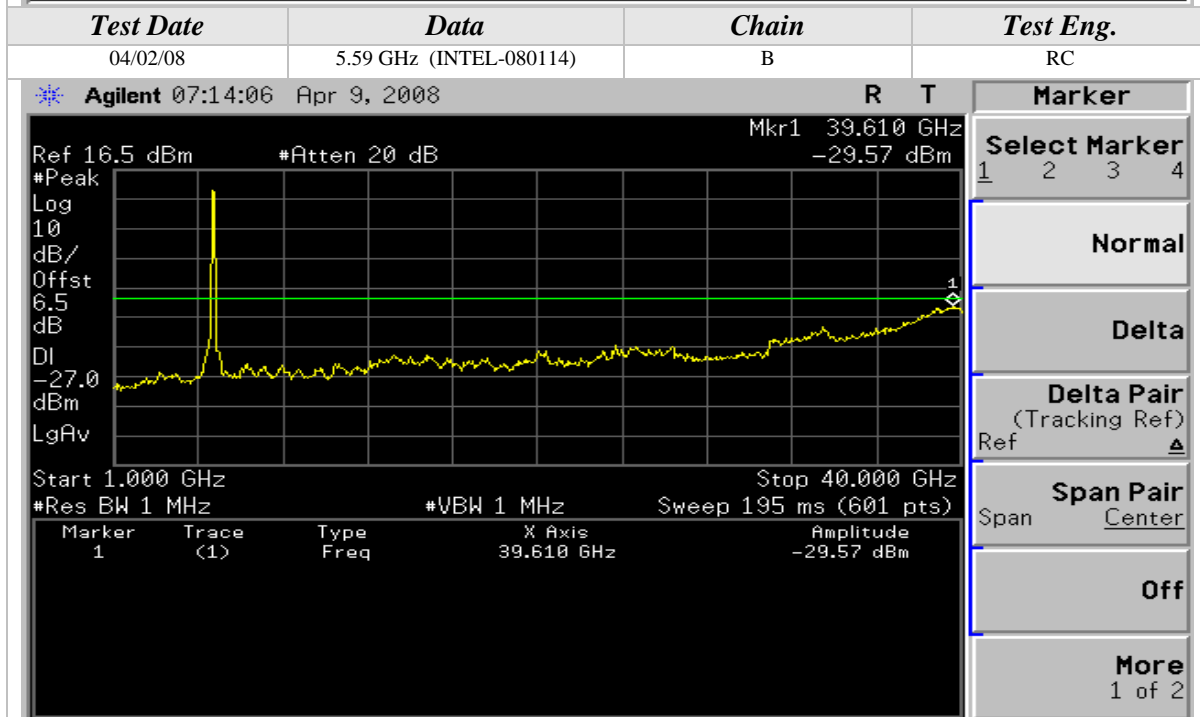


Conducted Out Of Band Emissions (Continued)

802.11n Mode, 5GHz, 40MHz Wide



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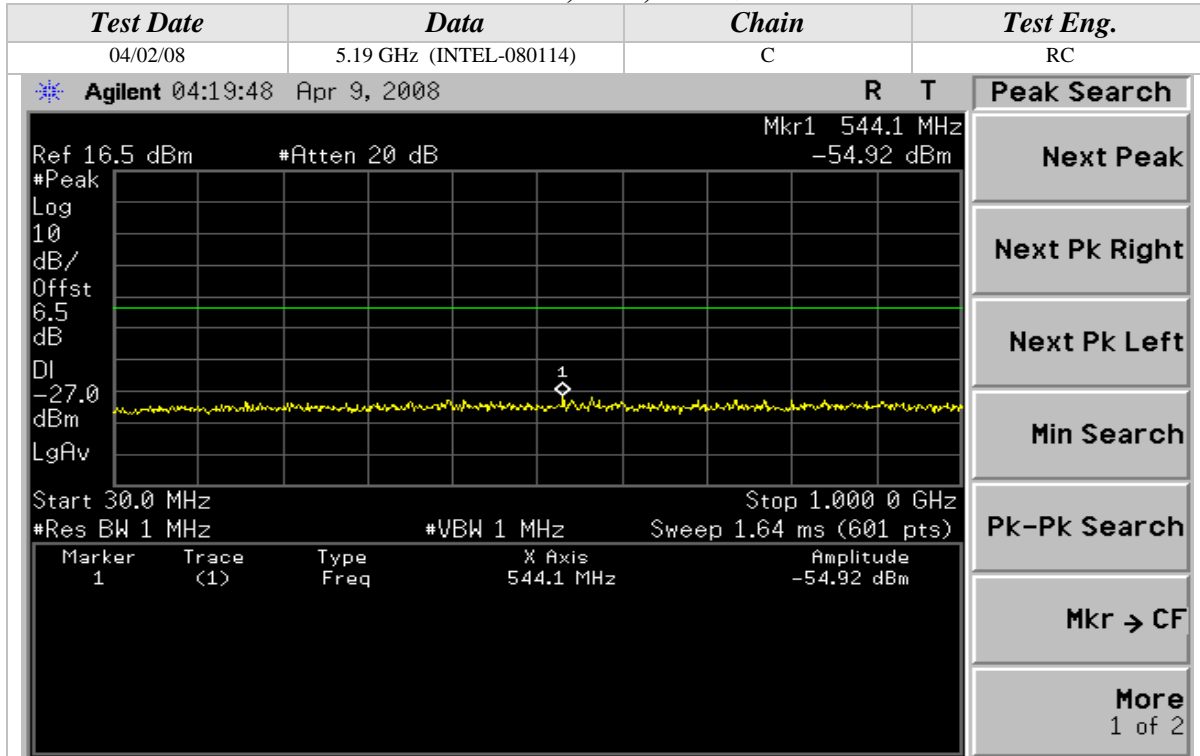


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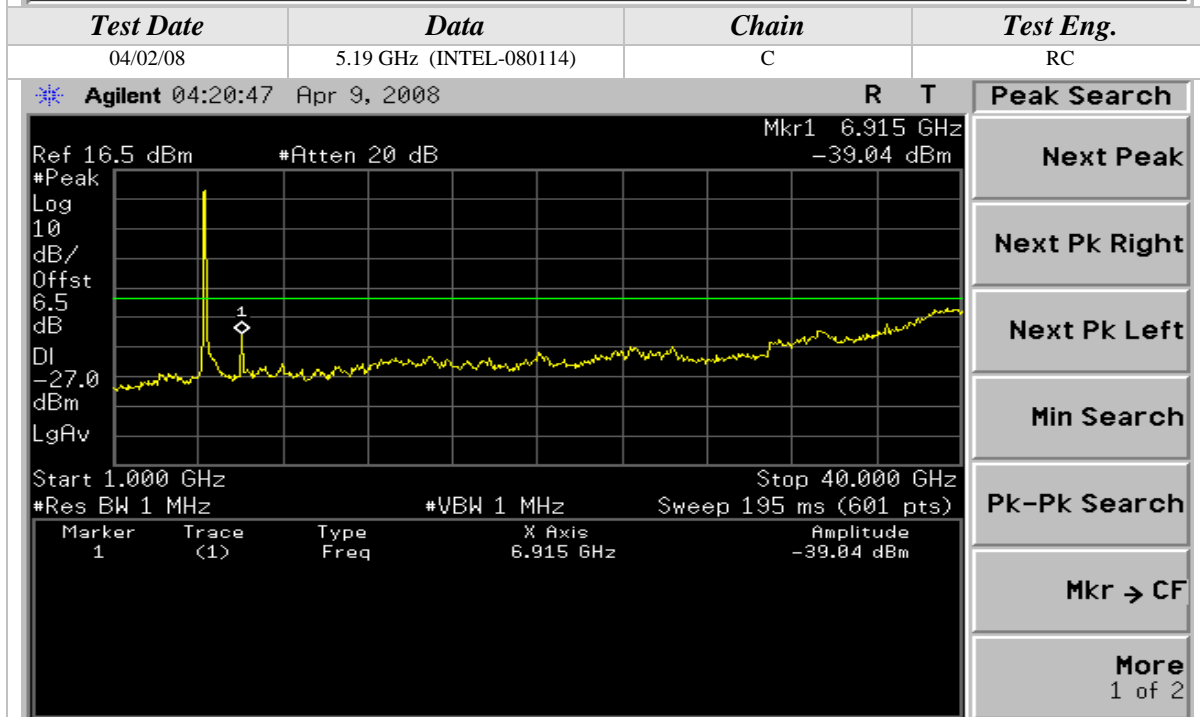


Conducted Out Of Band Emissions (Continued)

802.11n Mode, 5GHz, 40MHz Wide



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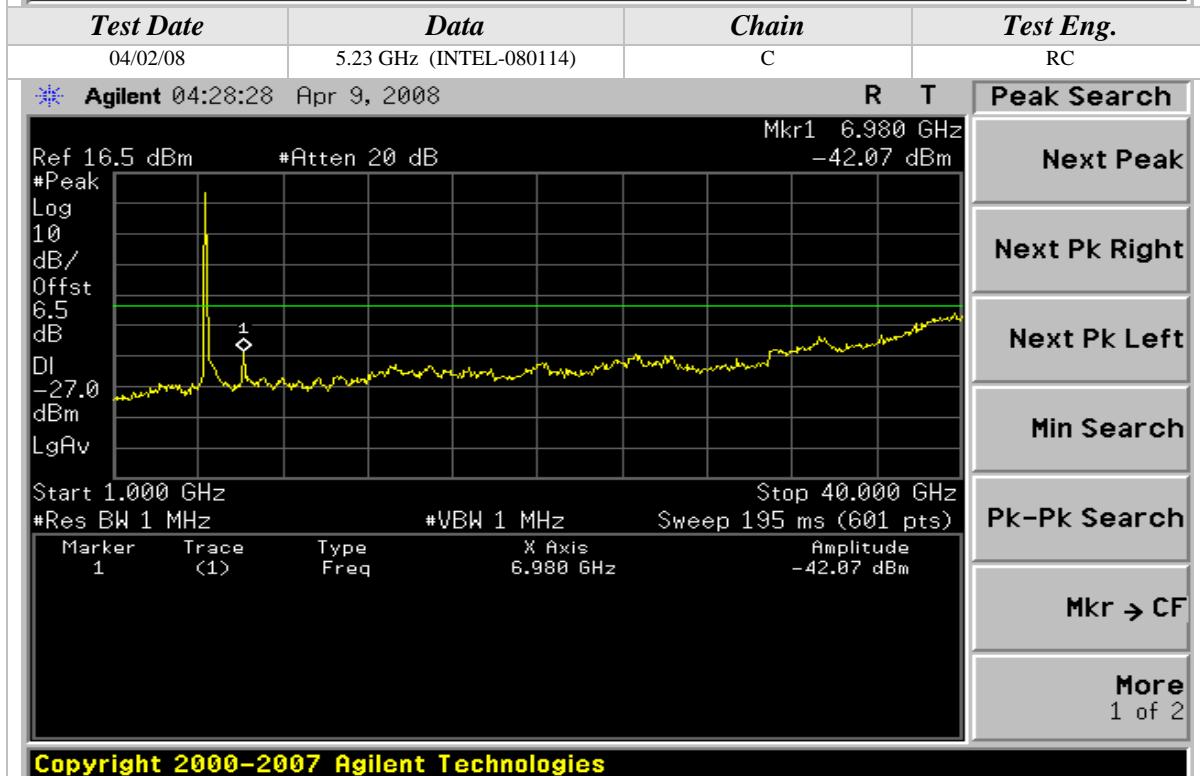
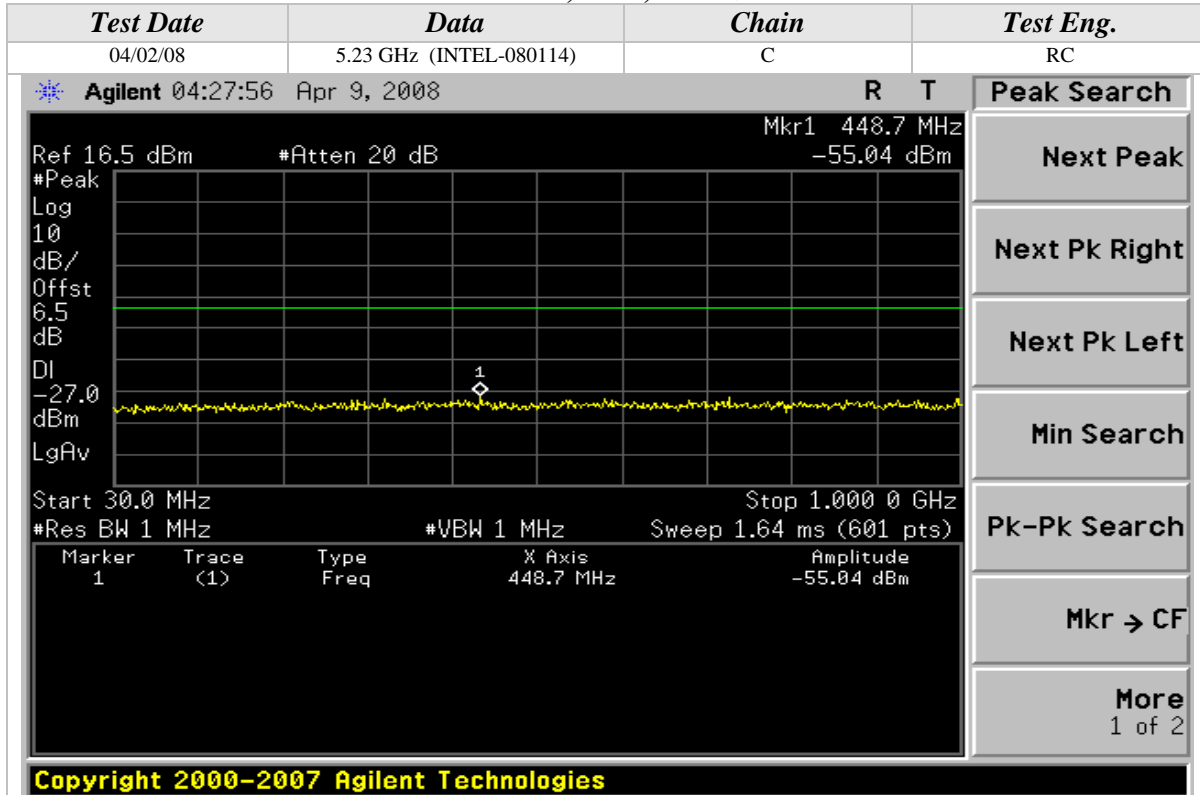


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Conducted Out Of Band Emissions (Continued)

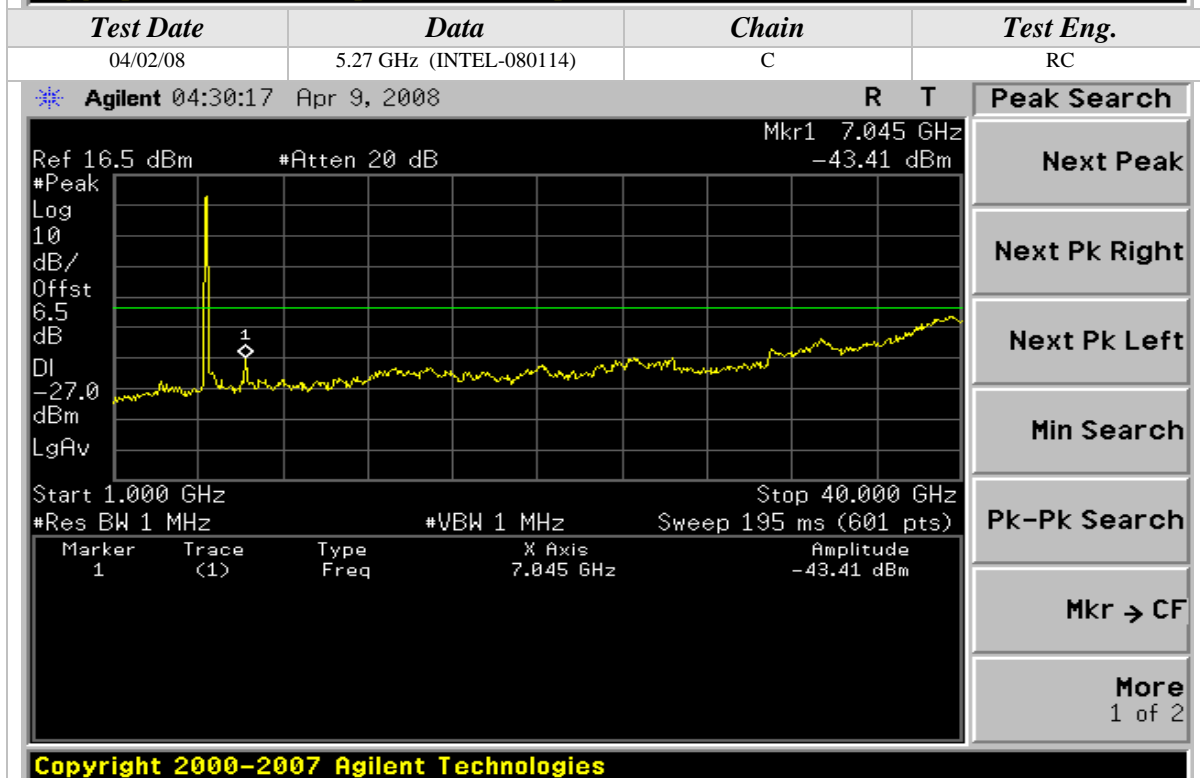
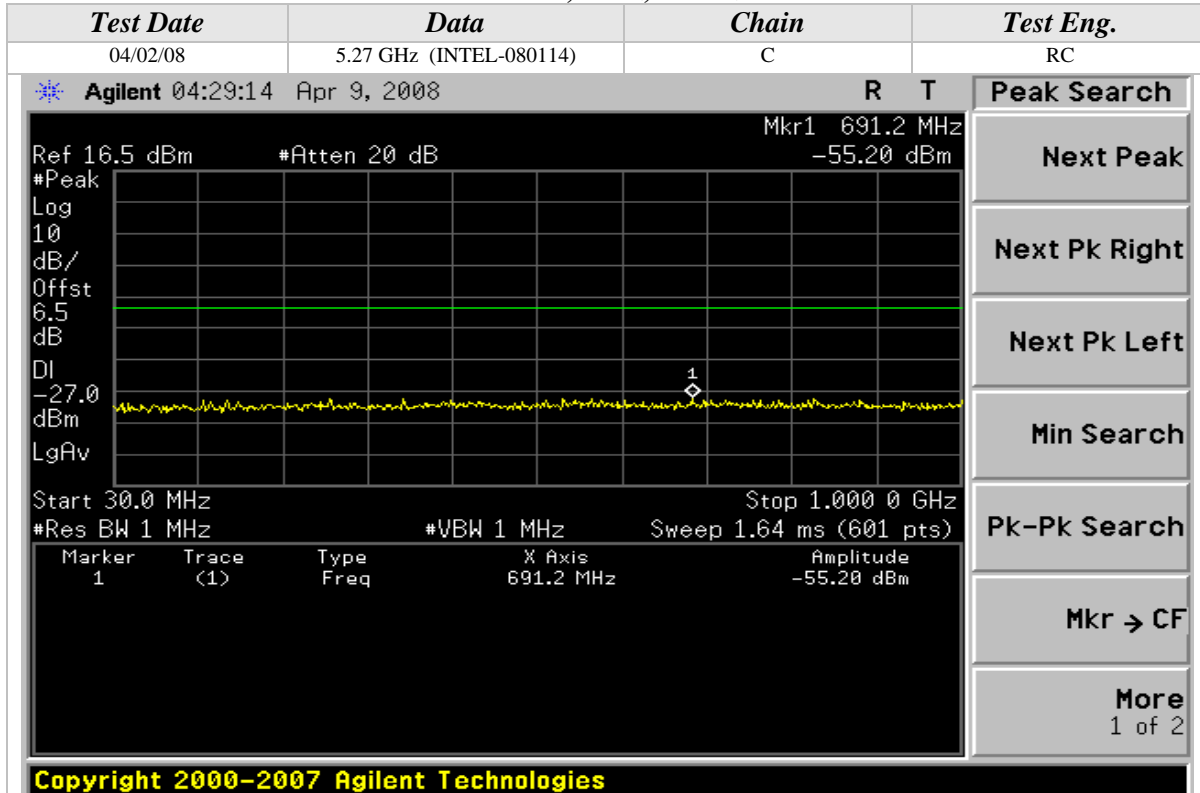
802.11n Mode, 5GHz, 40MHz Wide





Conducted Out Of Band Emissions (Continued)

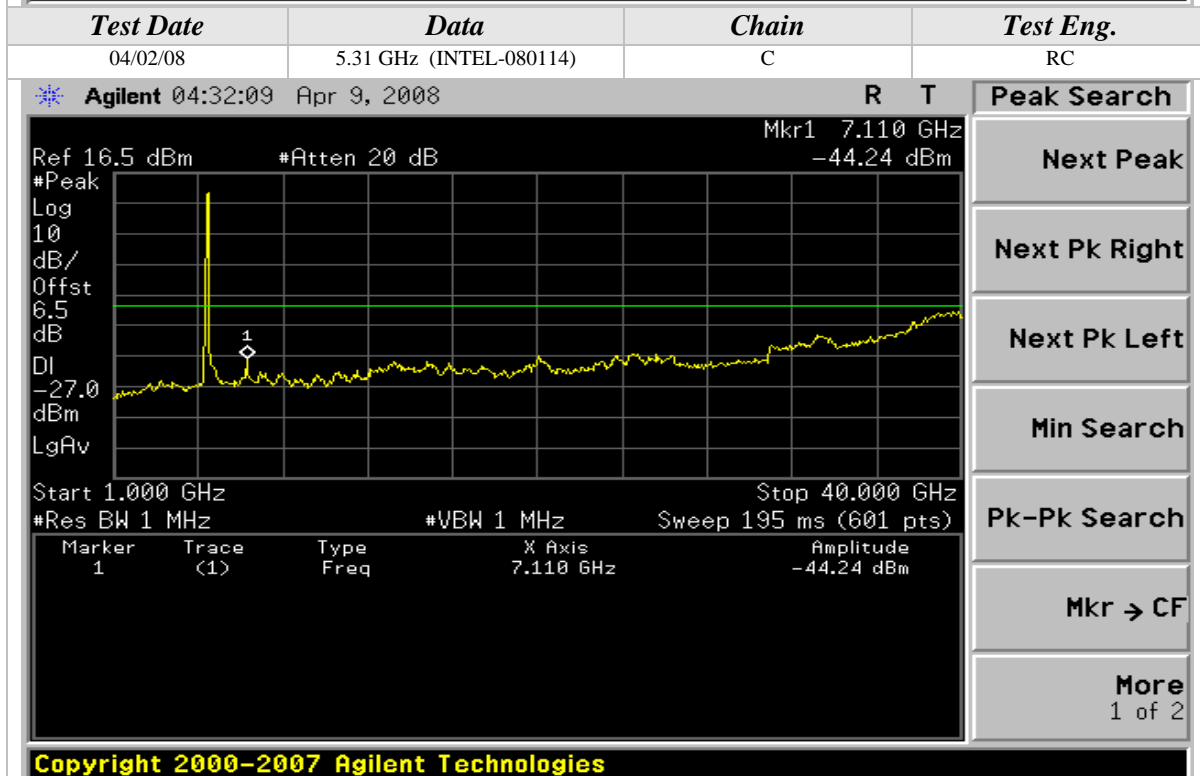
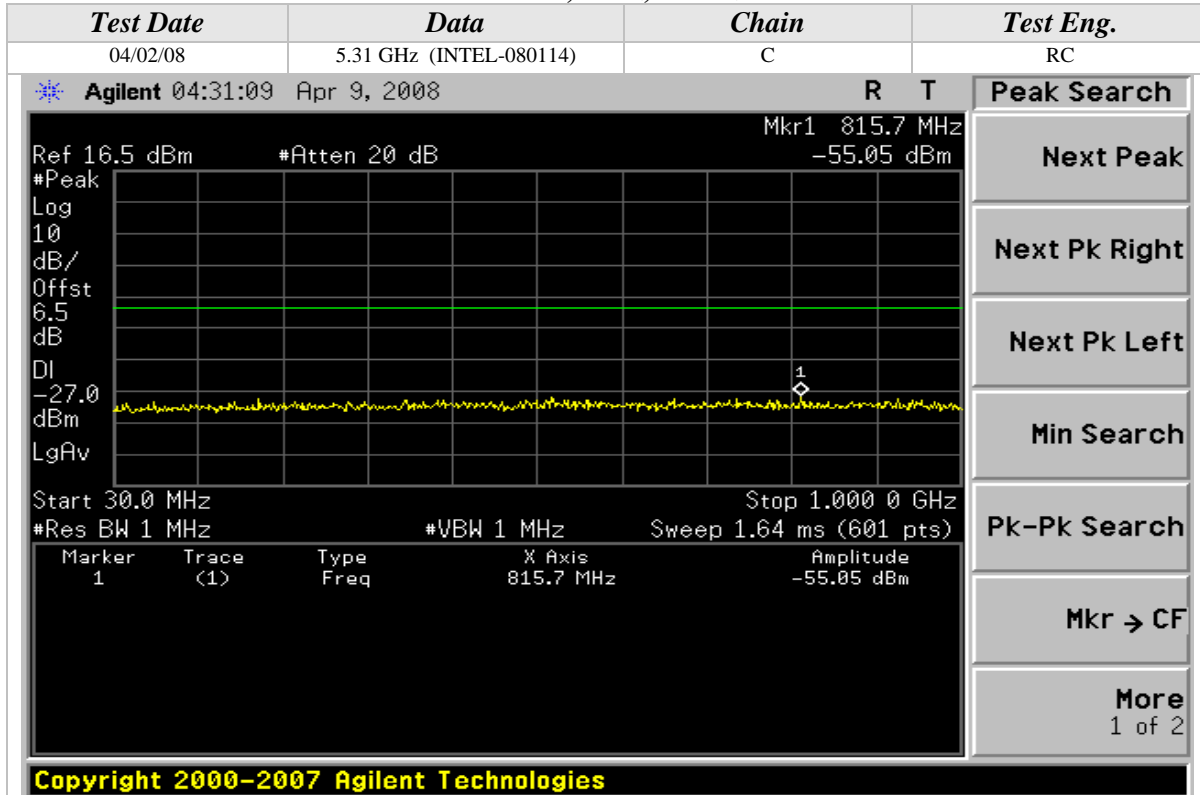
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Conducted Out Of Band Emissions (Continued)

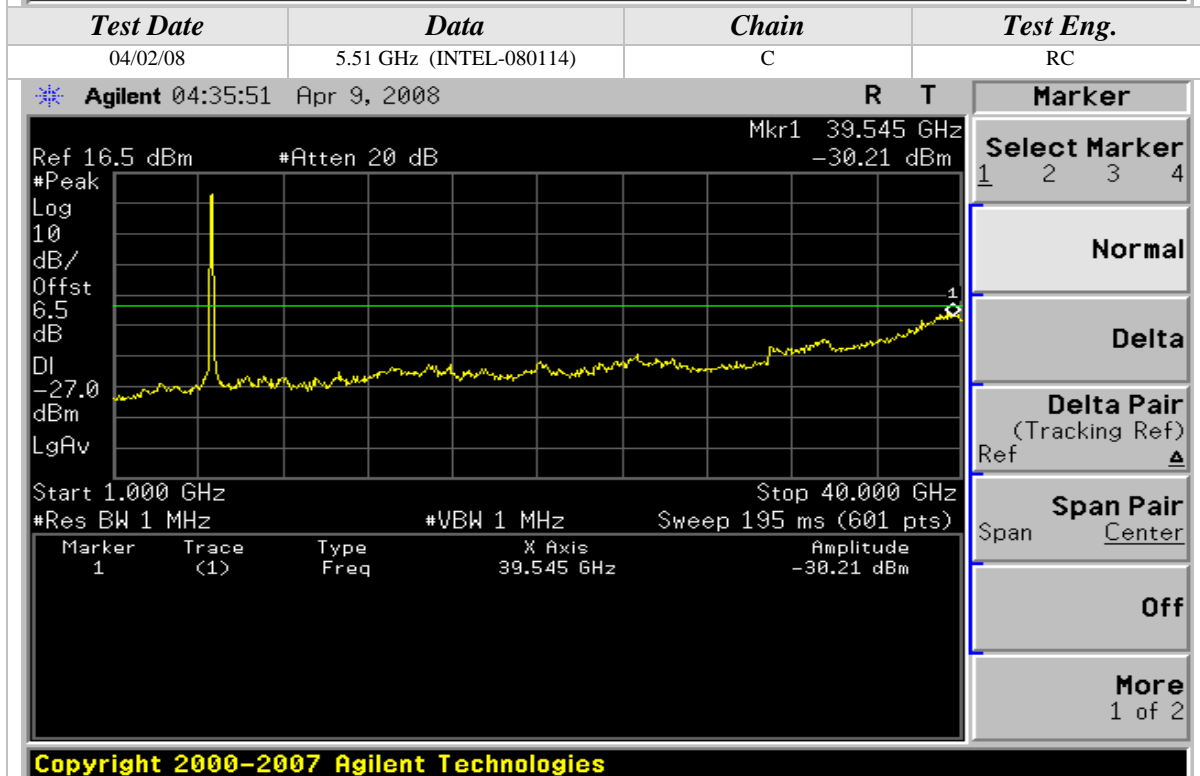
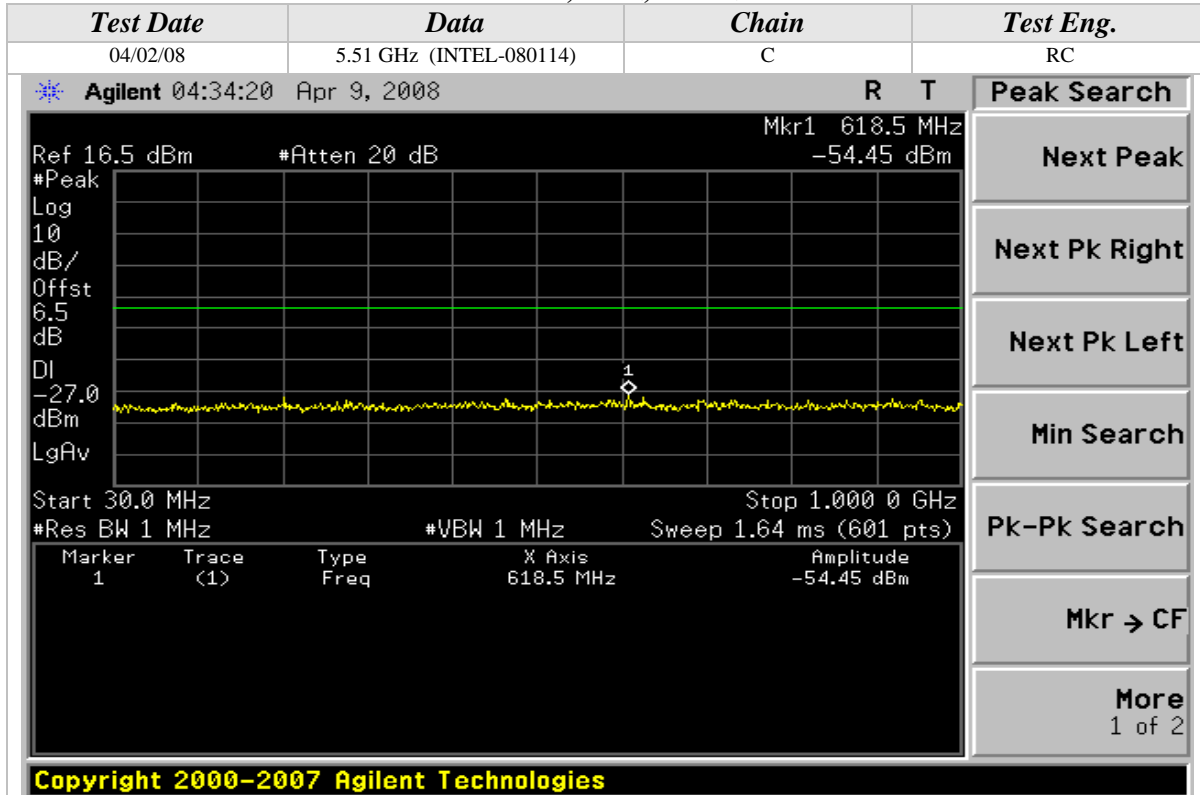
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Conducted Out Of Band Emissions (Continued)

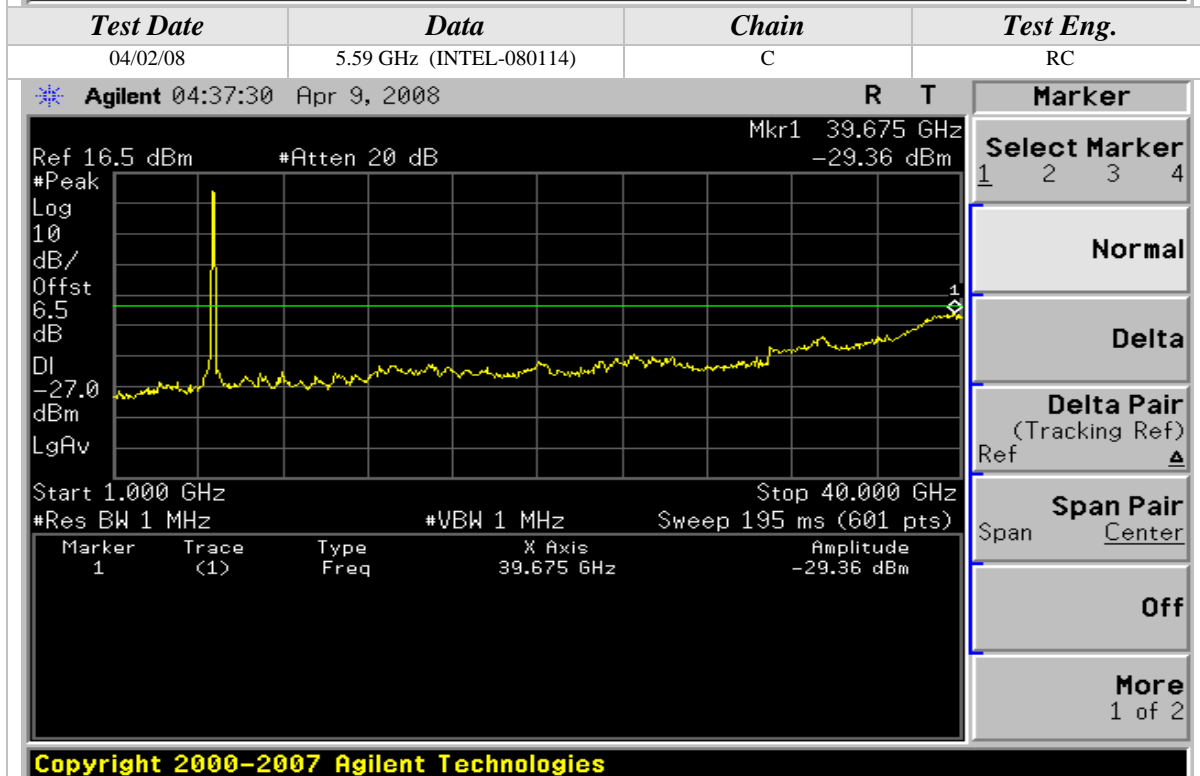
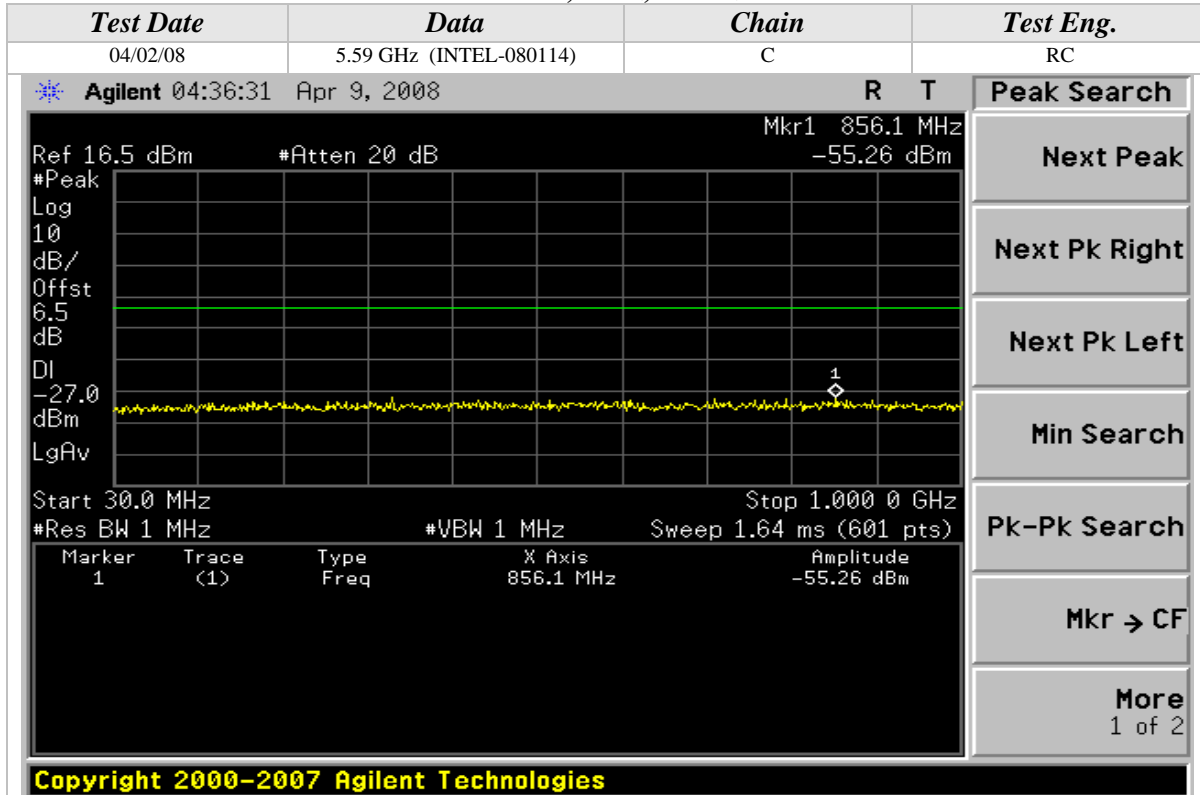
802.11n Mode, 5GHz, 40MHz Wide





Conducted Out Of Band Emissions (Continued)

802.11n Mode, 5GHz, 40MHz Wide





APPENDIX B

MODIFICATIONS AND RECOMMENDATIONS

1.0	NONE