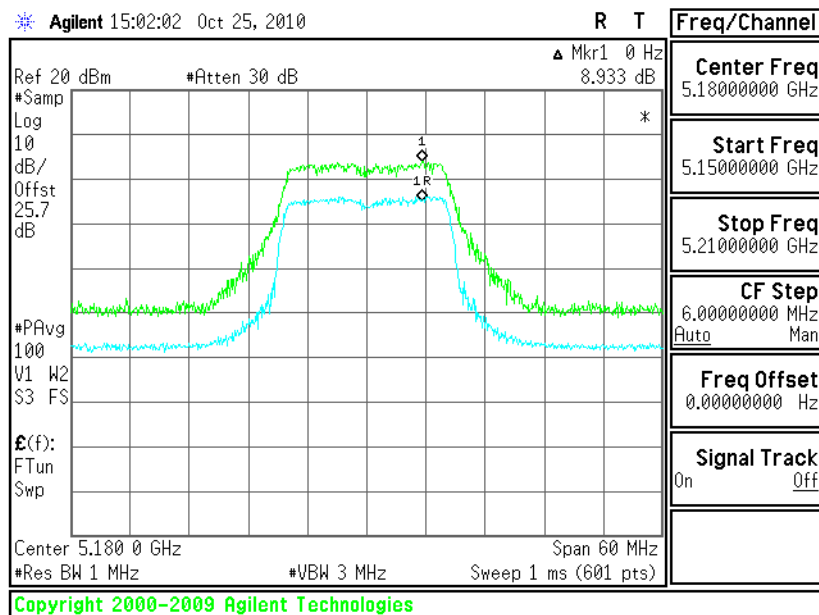
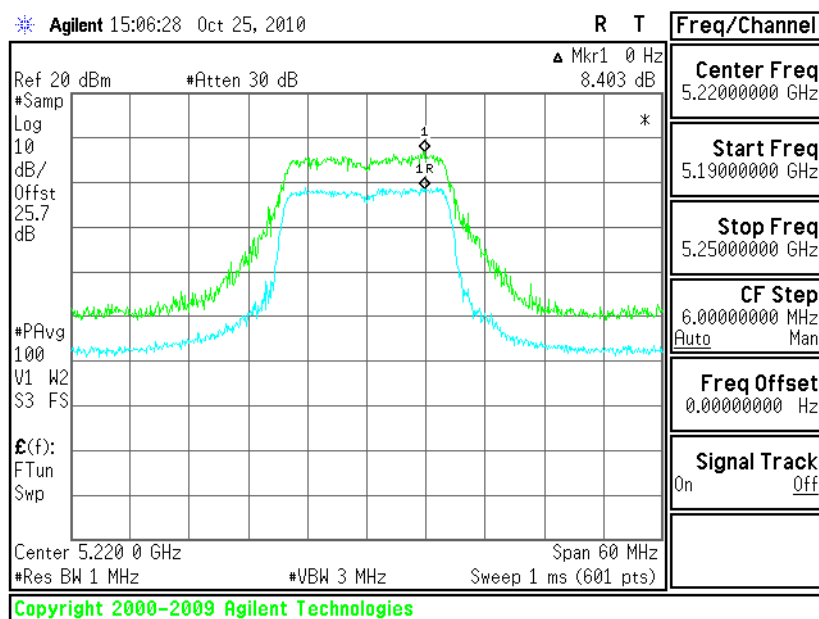




Peak Excursion Ratio Plot on 802.11a Channel 36 - Chain 2

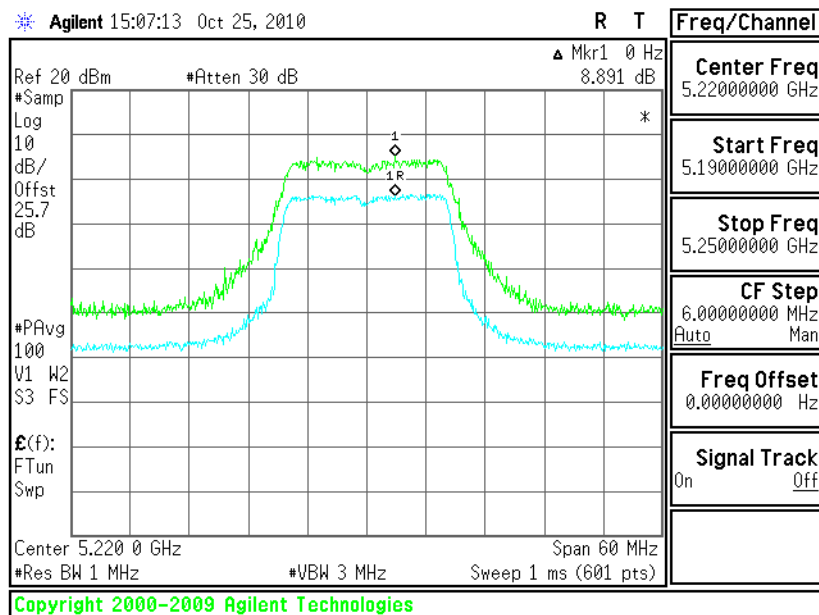


Peak Excursion Ratio Plot on 802.11a Channel 44 - Chain 0

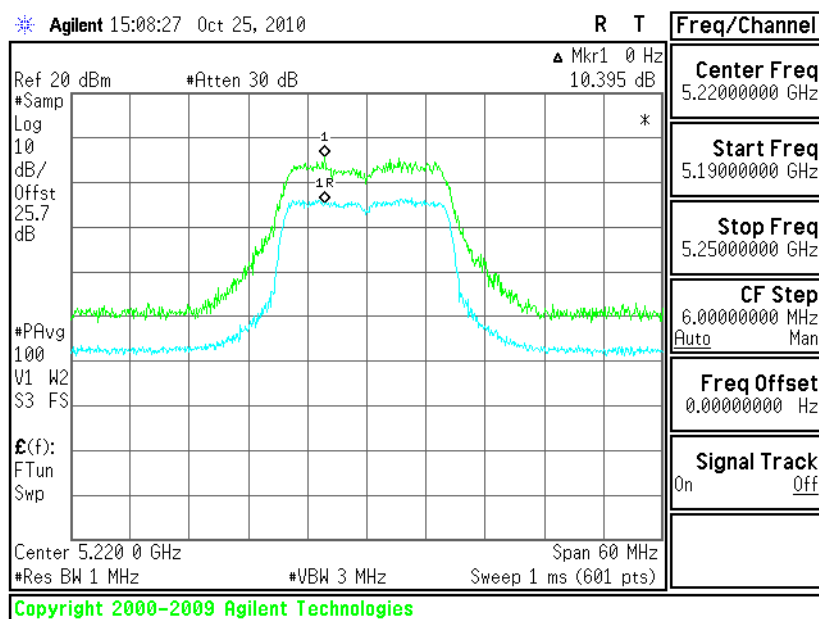




Peak Excursion Ratio Plot on 802.11a Channel 44 - Chain 1

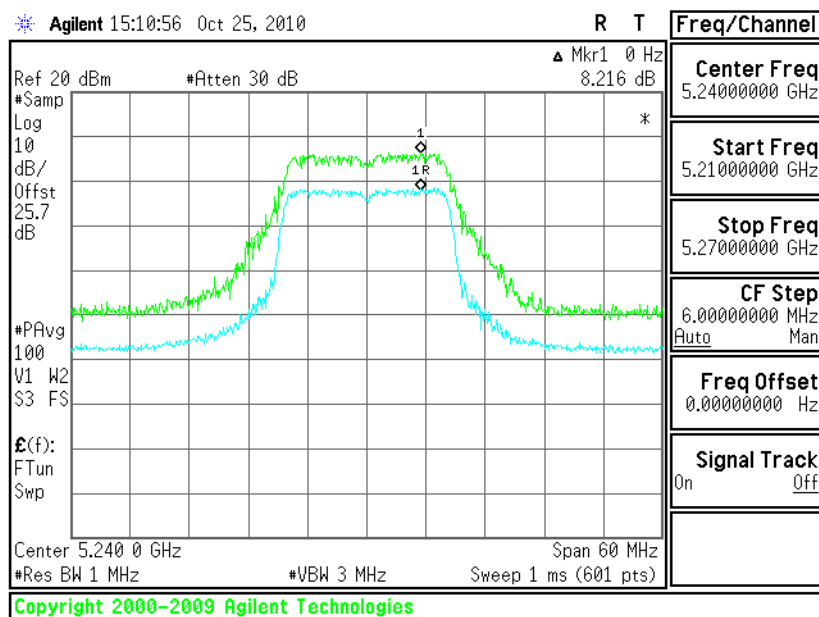


Peak Excursion Ratio Plot on 802.11a Channel 44 - Chain 2

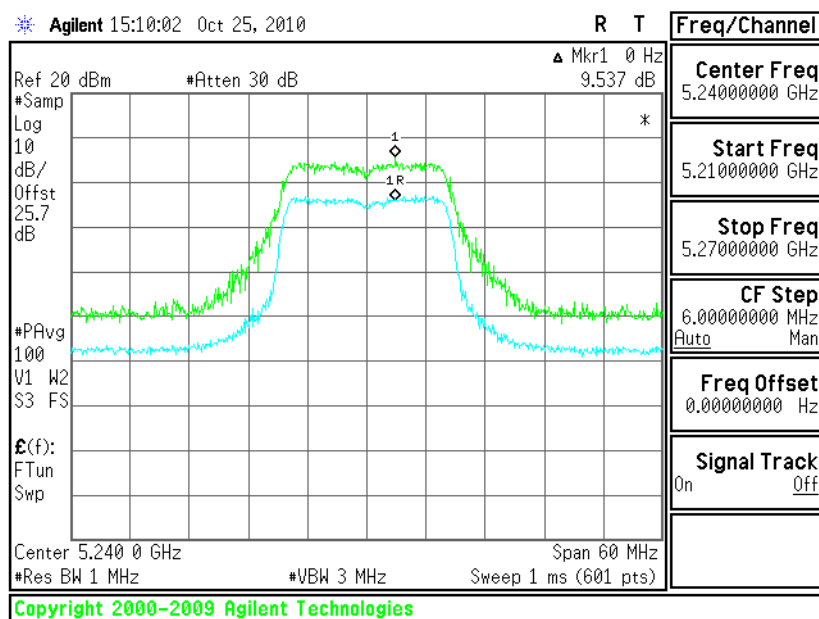




Peak Excursion Ratio Plot on 802.11a Channel 48 - Chain 0

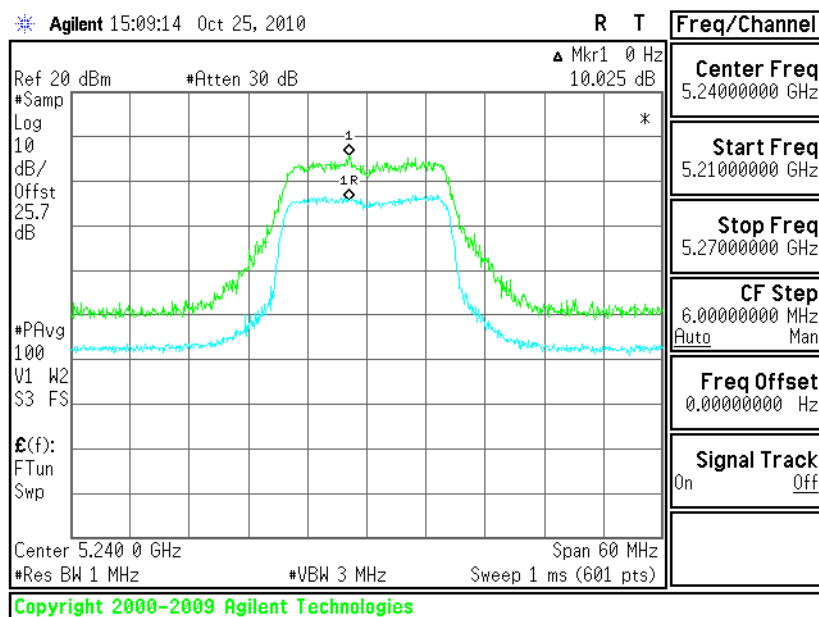


Peak Excursion Ratio Plot on 802.11a Channel 48 - Chain 1

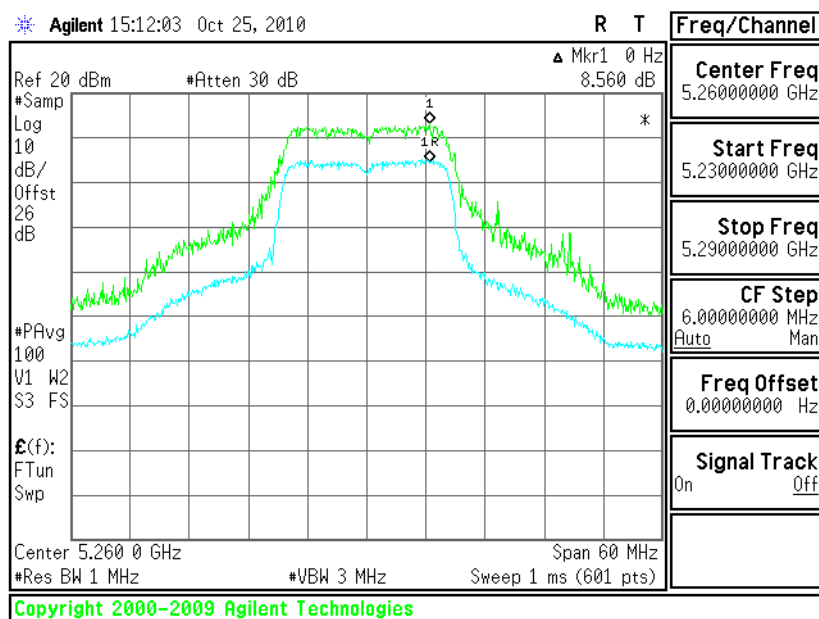




Peak Excursion Ratio Plot on 802.11a Channel 48 - Chain 2

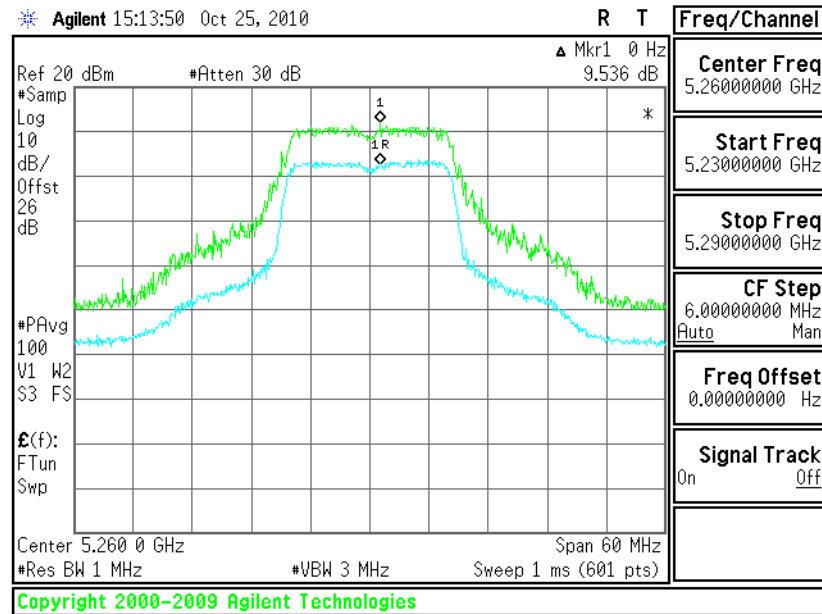


Peak Excursion Ratio Plot on 802.11a Channel 52 - Chain 0

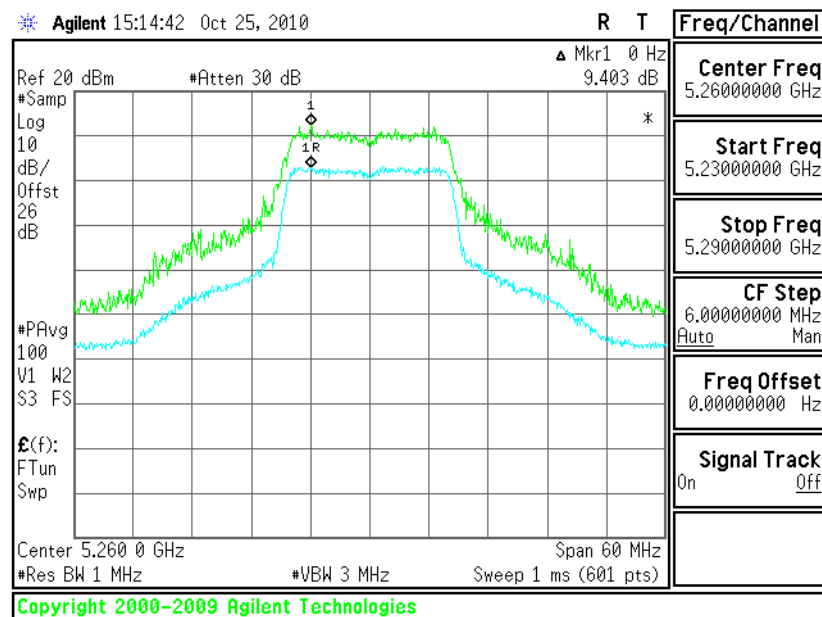




Peak Excursion Ratio Plot on 802.11a Channel 52 - Chain 1

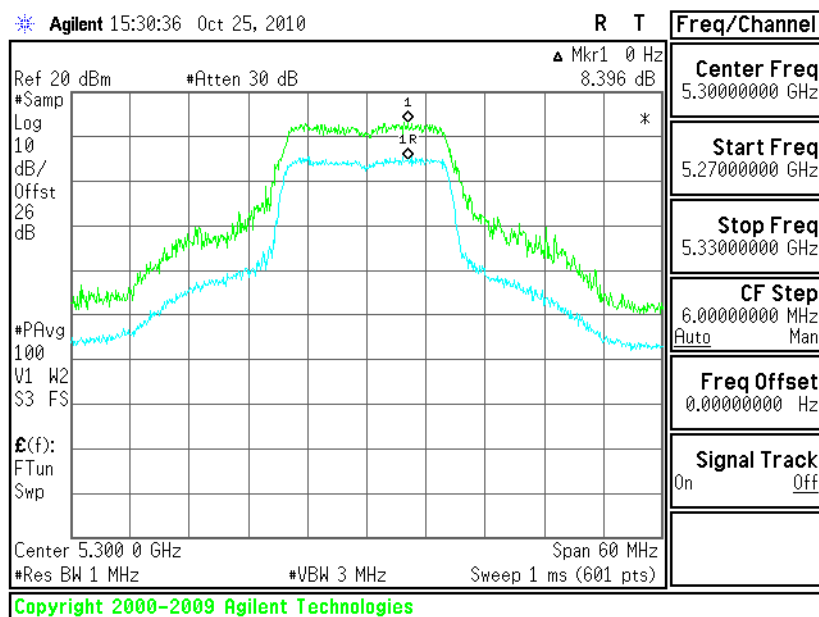


Peak Excursion Ratio Plot on 802.11a Channel 52 - Chain 2

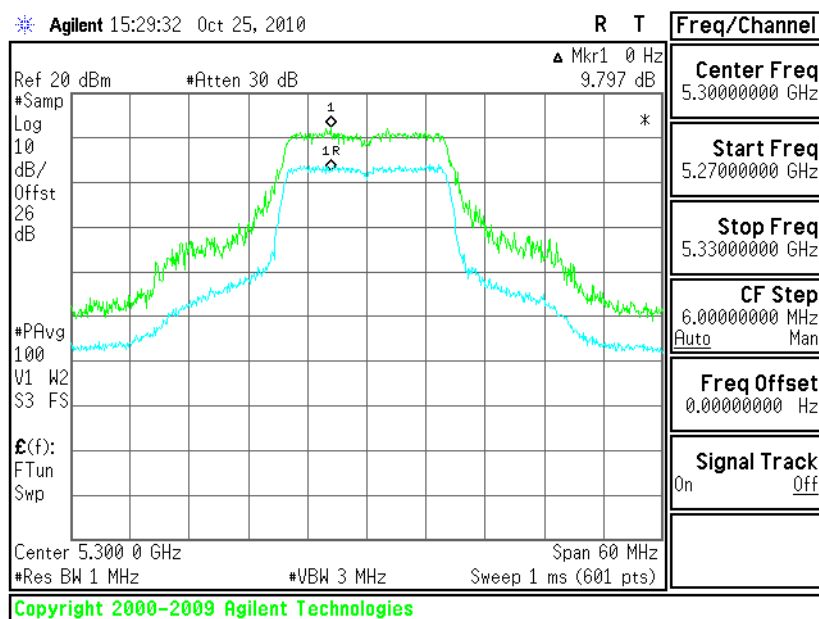




Peak Excursion Ratio Plot on 802.11a Channel 60 - Chain 0

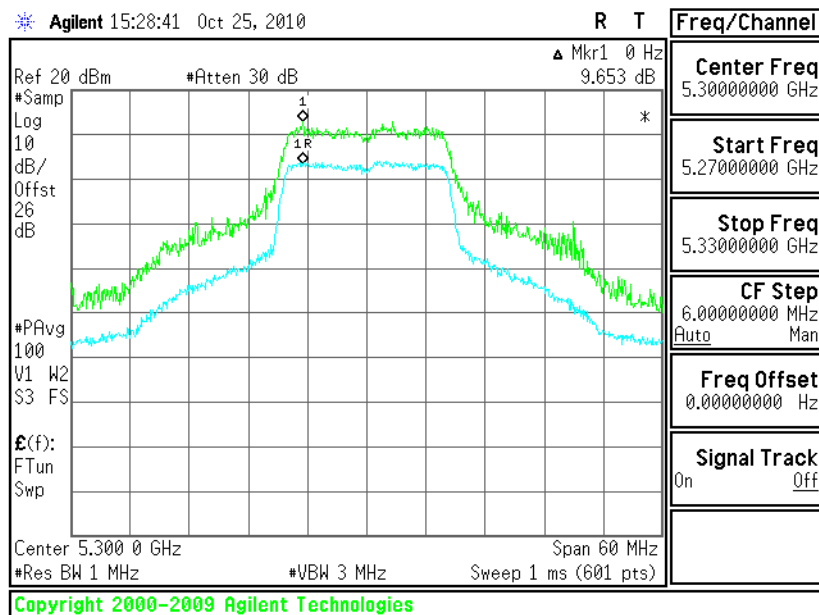


Peak Excursion Ratio Plot on 802.11a Channel 60 - Chain 1

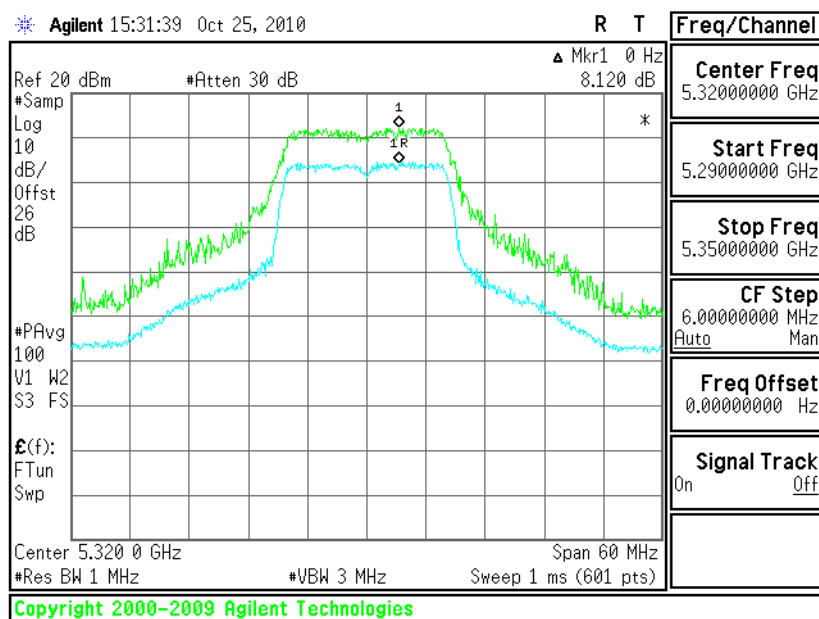




Peak Excursion Ratio Plot on 802.11a Channel 60 - Chain 2

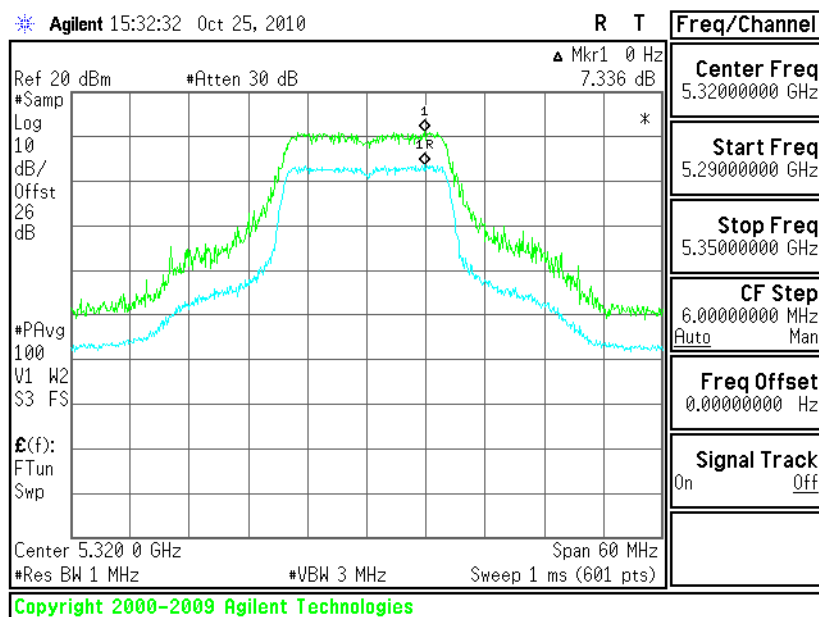


Peak Excursion Ratio Plot on 802.11a Channel 64 - Chain 0

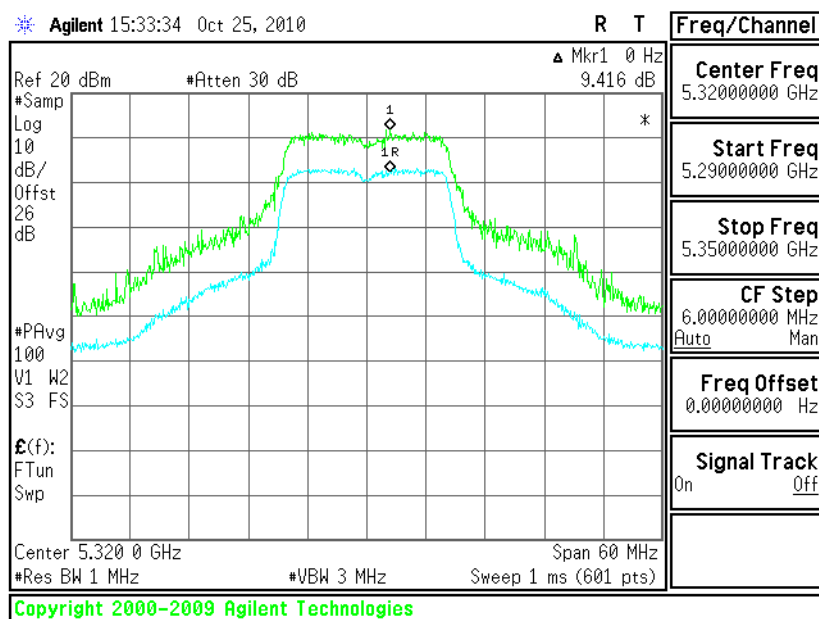




Peak Excursion Ratio Plot on 802.11a Channel 64 - Chain 1

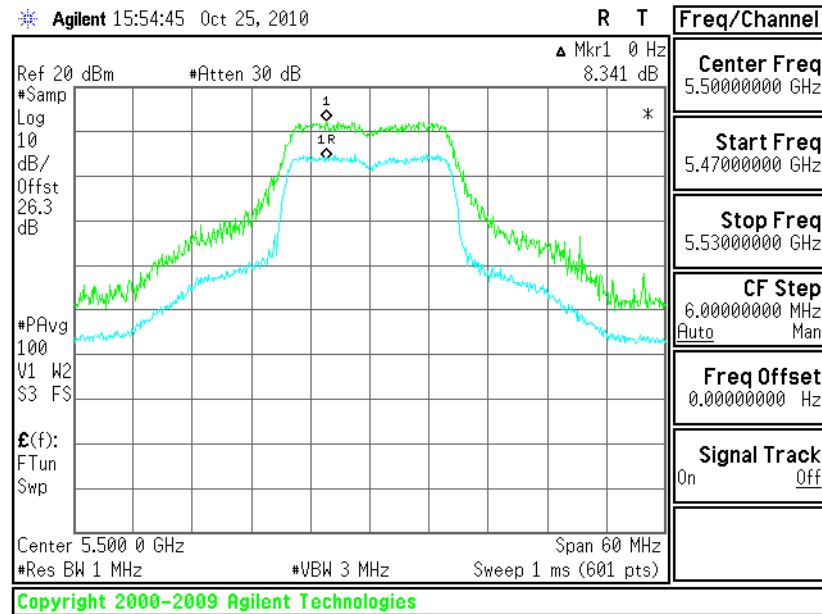


Peak Excursion Ratio Plot on 802.11a Channel 64 - Chain 2

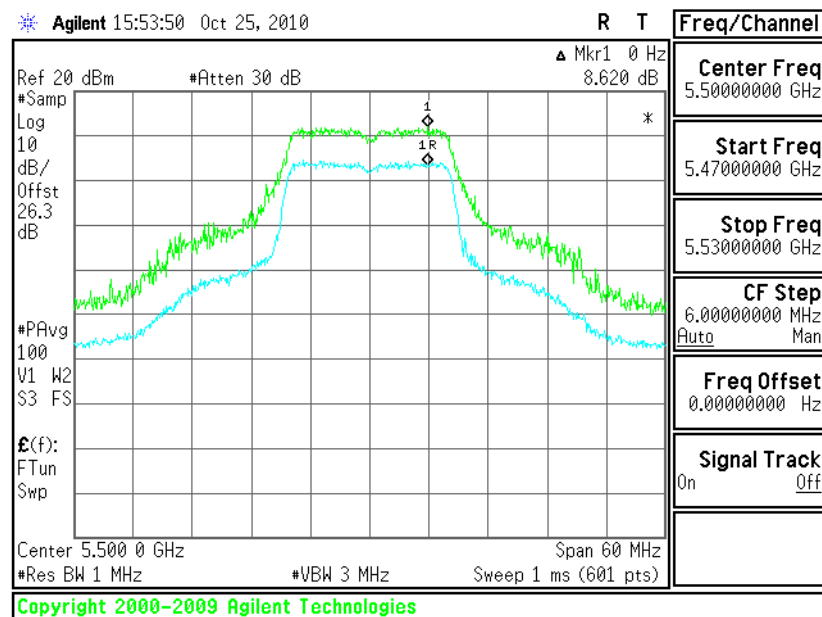




Peak Excursion Ratio Plot on 802.11a Channel 100 - Chain 0

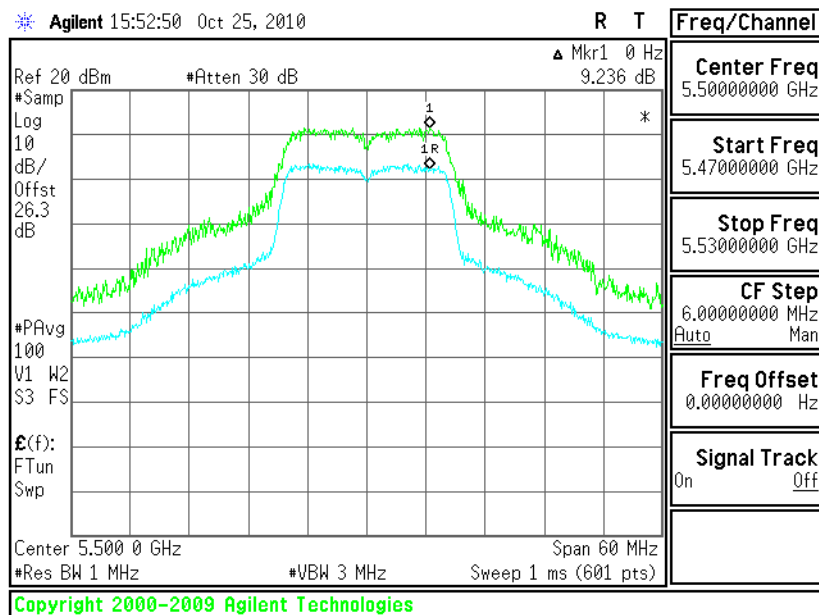


Peak Excursion Ratio Plot on 802.11a Channel 100 - Chain 1

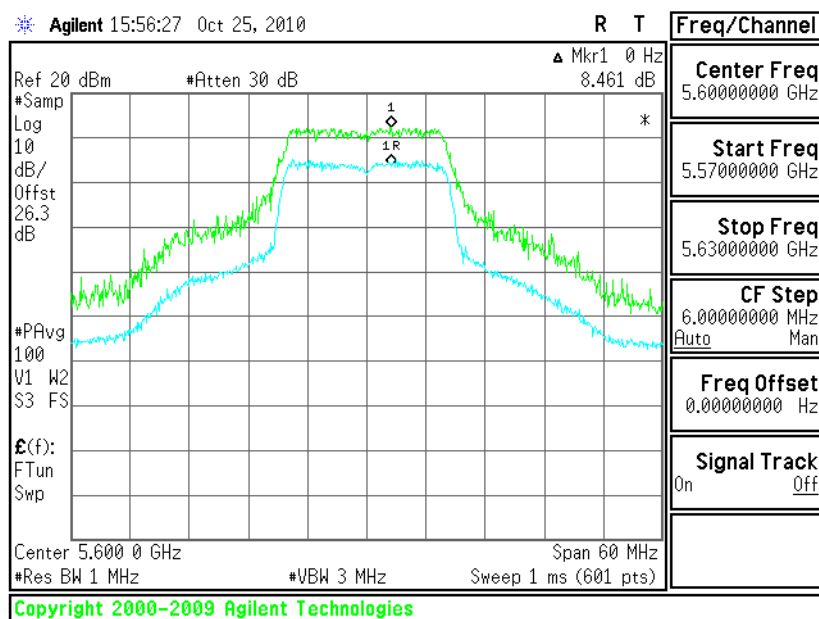




Peak Excursion Ratio Plot on 802.11a Channel 100 - Chain 2

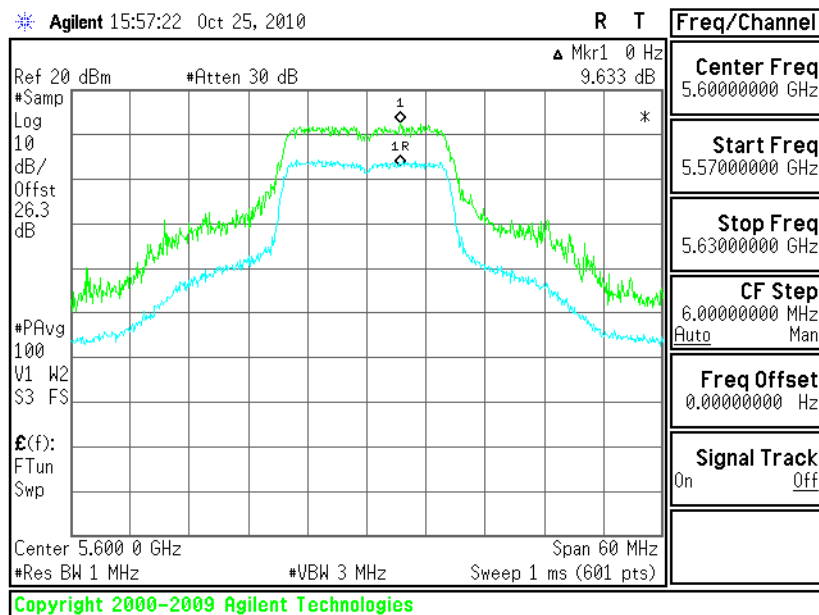


Peak Excursion Ratio Plot on 802.11a Channel 120 - Chain 0

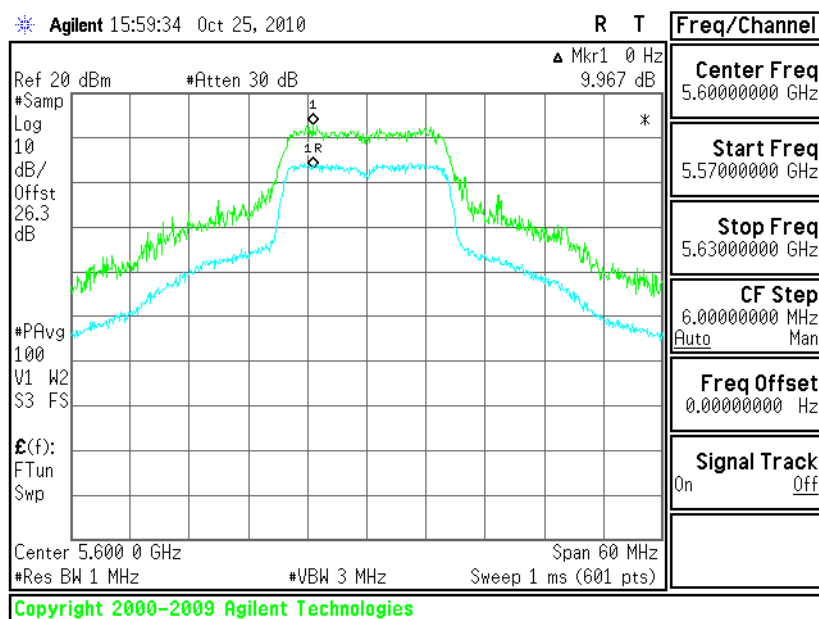




Peak Excursion Ratio Plot on 802.11a Channel 120 - Chain 1

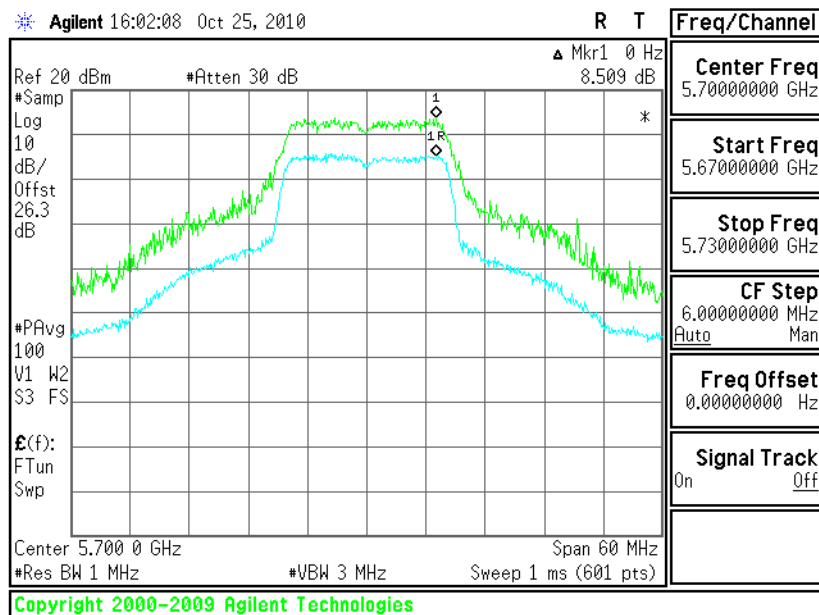


Peak Excursion Ratio Plot on 802.11a Channel 120 - Chain 2

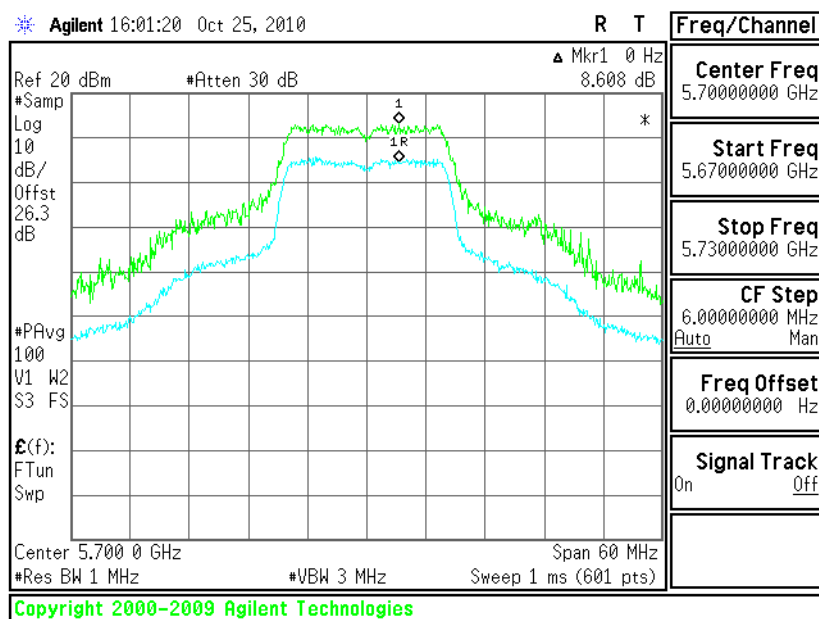




Peak Excursion Ratio Plot on 802.11a Channel 140 - Chain 0

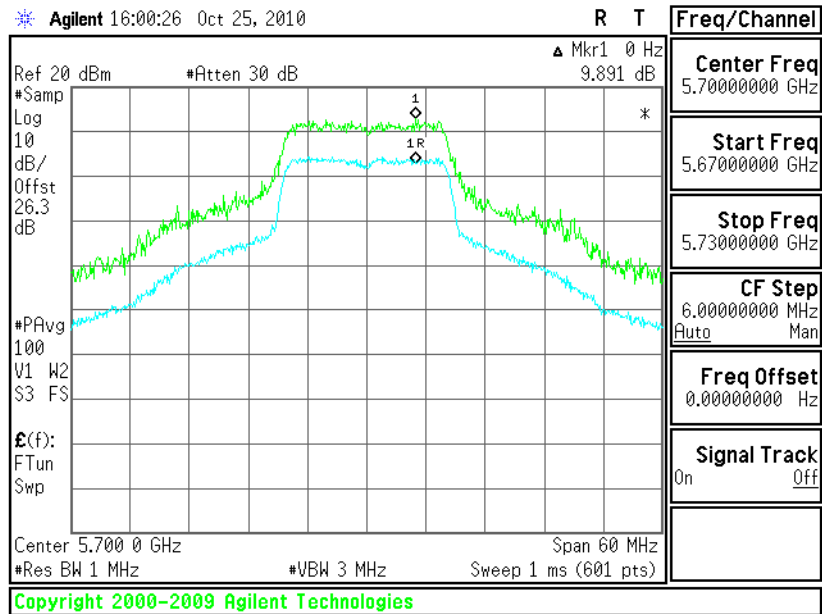


Peak Excursion Ratio Plot on 802.11a Channel 140 - Chain 1





Peak Excursion Ratio Plot on 802.11a Channel 140 - Chain 2

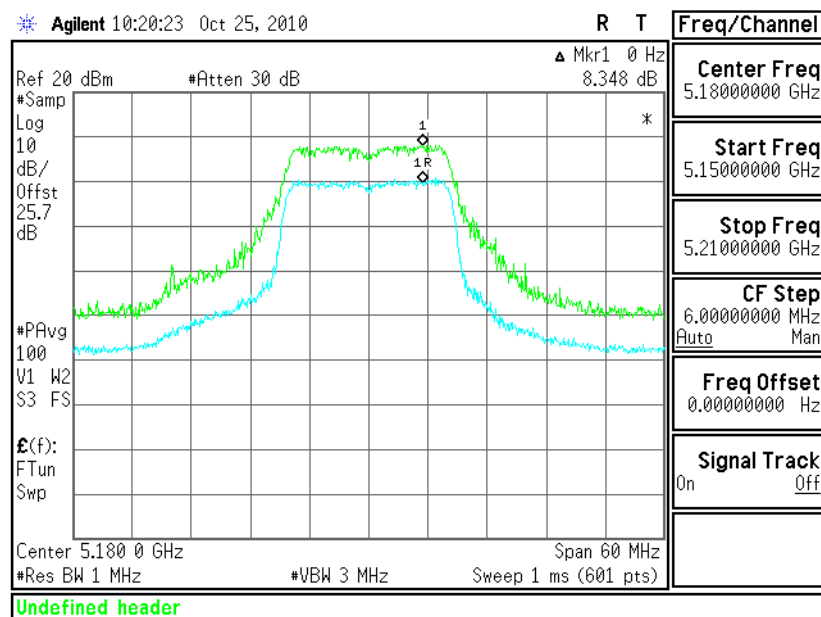




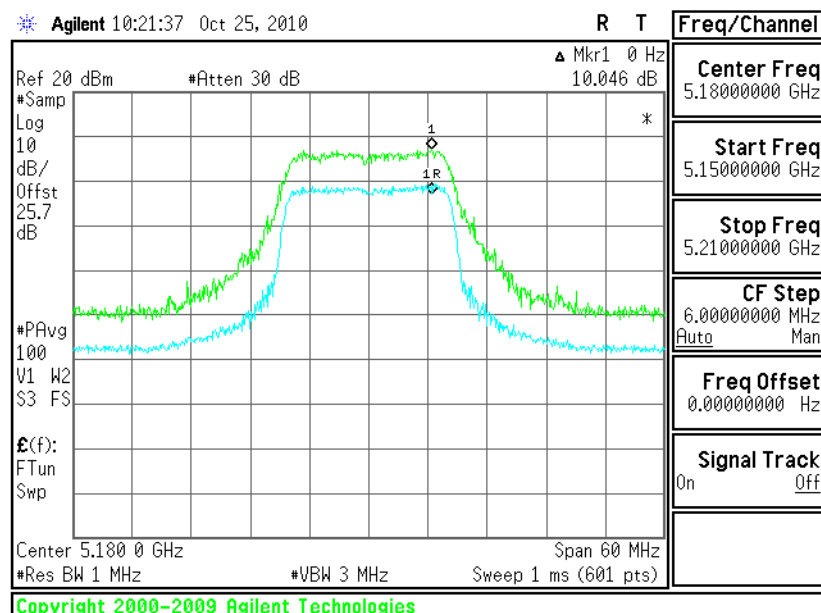
<Normal: 2x3>

Test Mode :	802.11a L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

Peak Excursion Ratio Plot on 802.11a Channel 36 - Chain 0

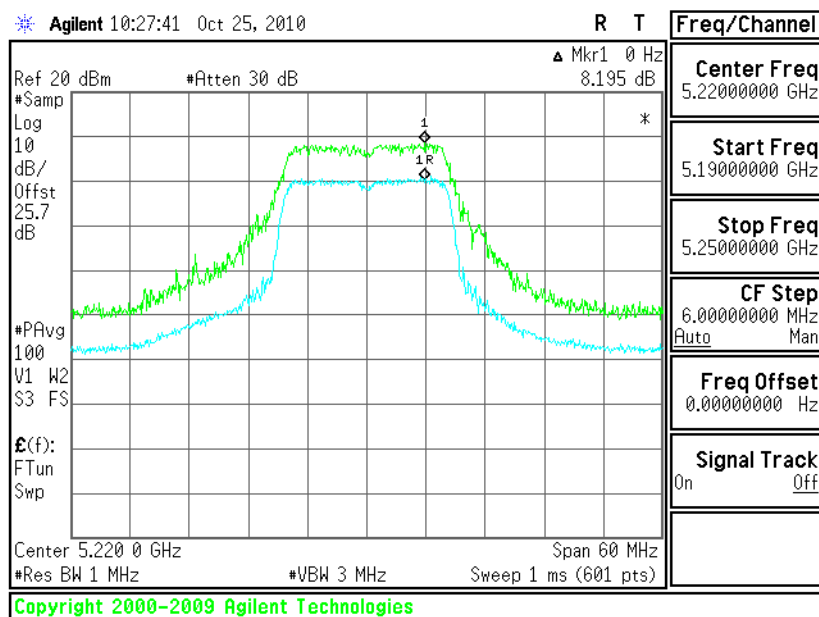


Peak Excursion Ratio Plot on 802.11a Channel 36 - Chain 1

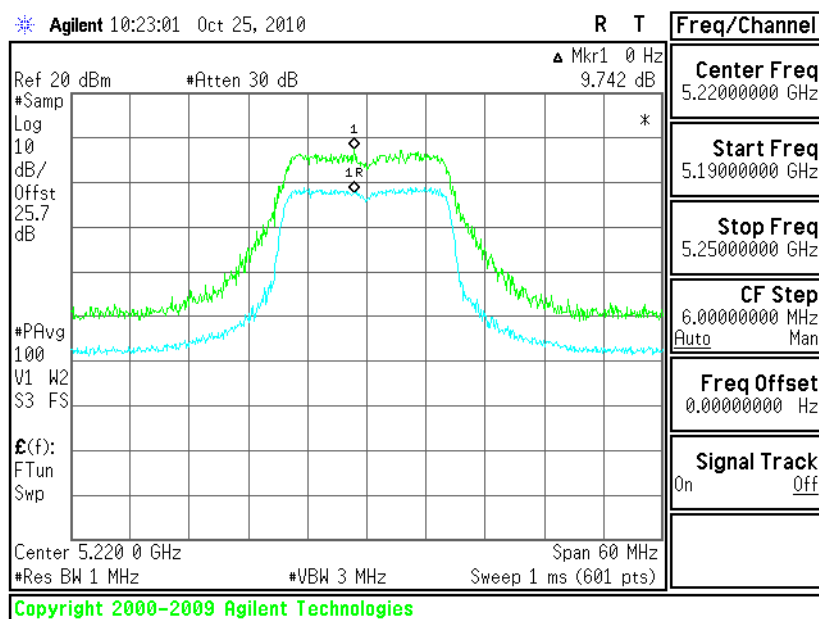




Peak Excursion Ratio Plot on 802.11a Channel 44 - Chain 0

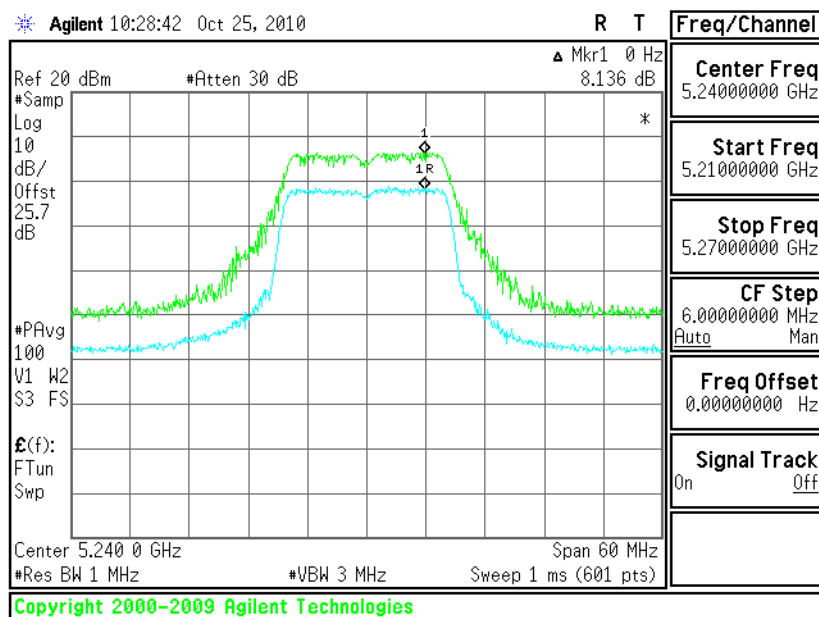


Peak Excursion Ratio Plot on 802.11a Channel 44 - Chain 1

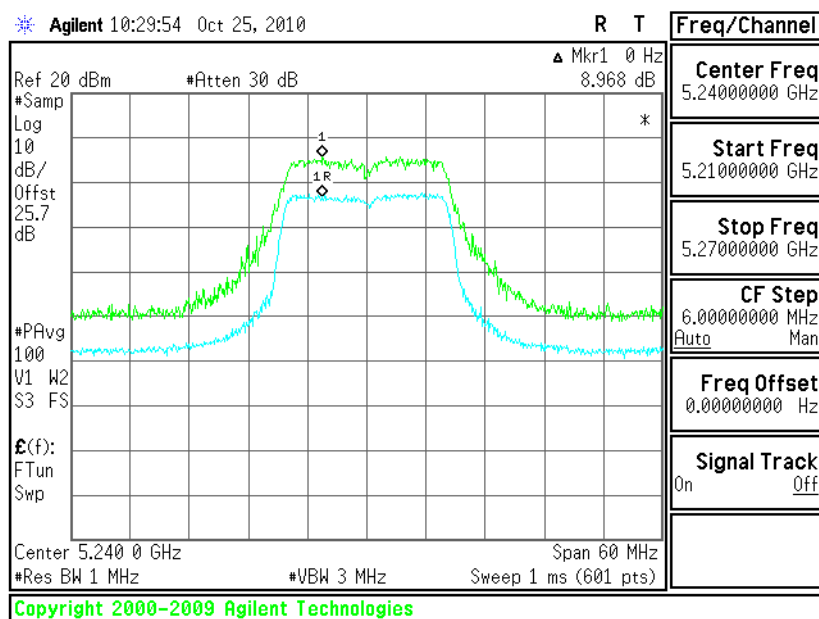




Peak Excursion Ratio Plot on 802.11a Channel 48 - Chain 0

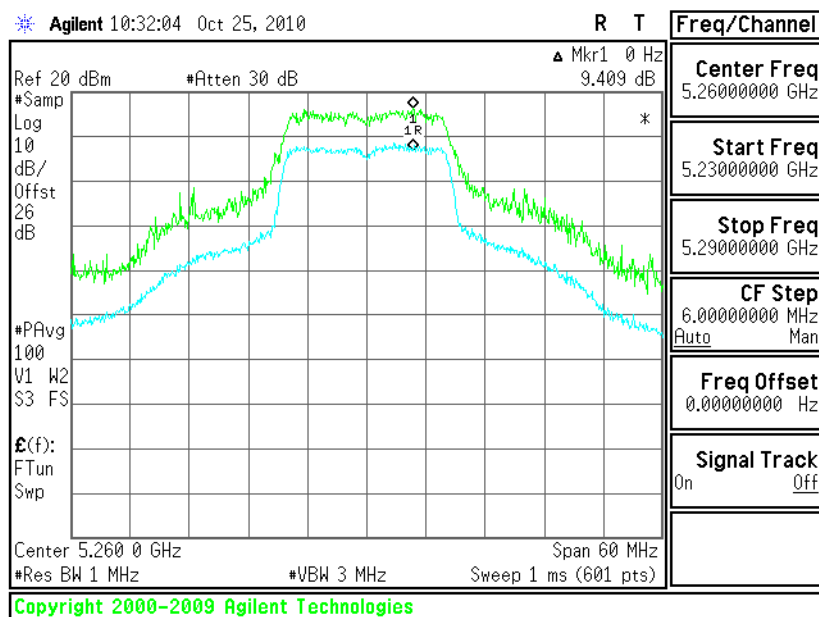


Peak Excursion Ratio Plot on 802.11a Channel 48 - Chain 1

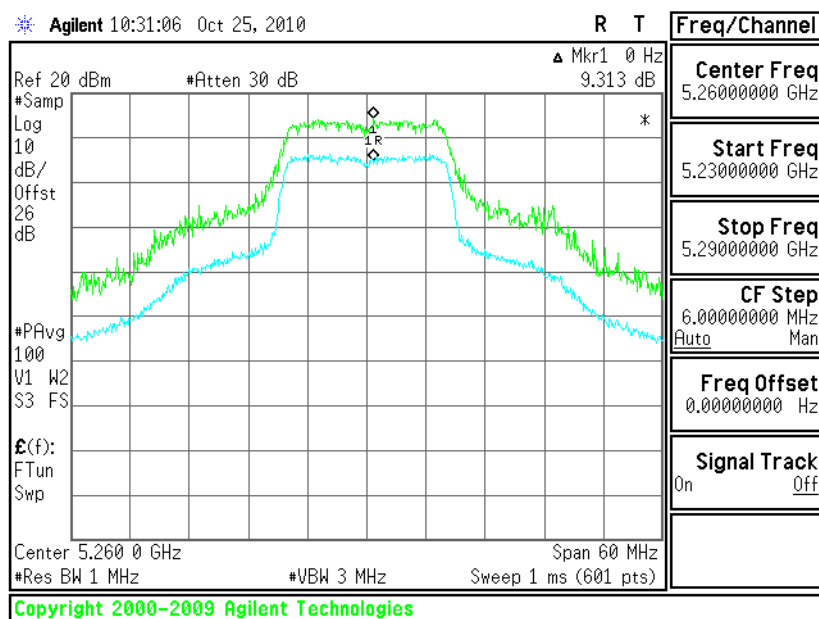




Peak Excursion Ratio Plot on 802.11a Channel 52 - Chain 0

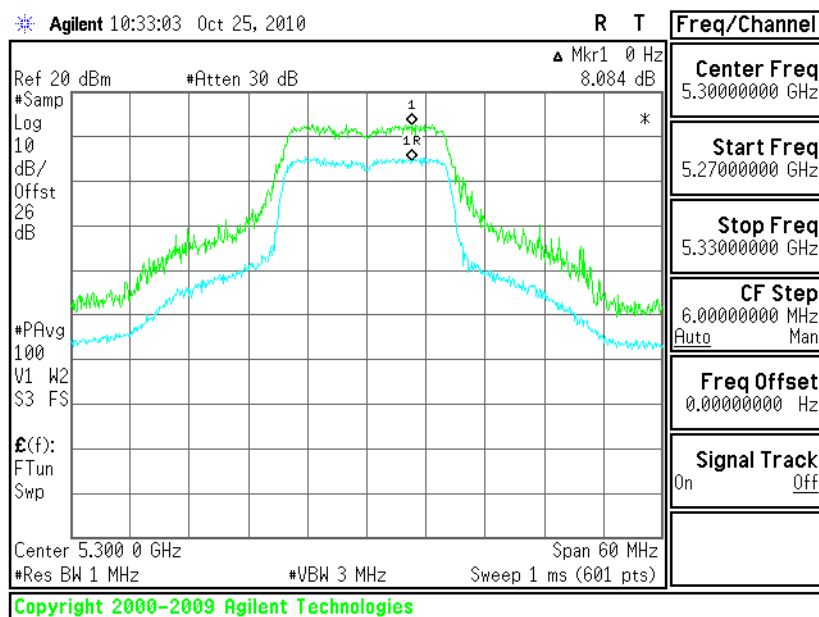


Peak Excursion Ratio Plot on 802.11a Channel 52 - Chain 1

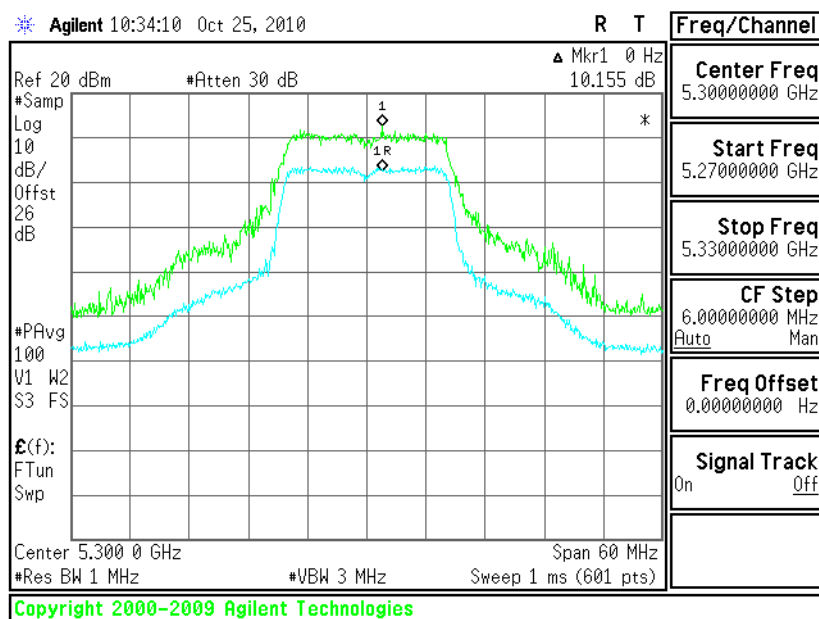




Peak Excursion Ratio Plot on 802.11a Channel 60 - Chain 0

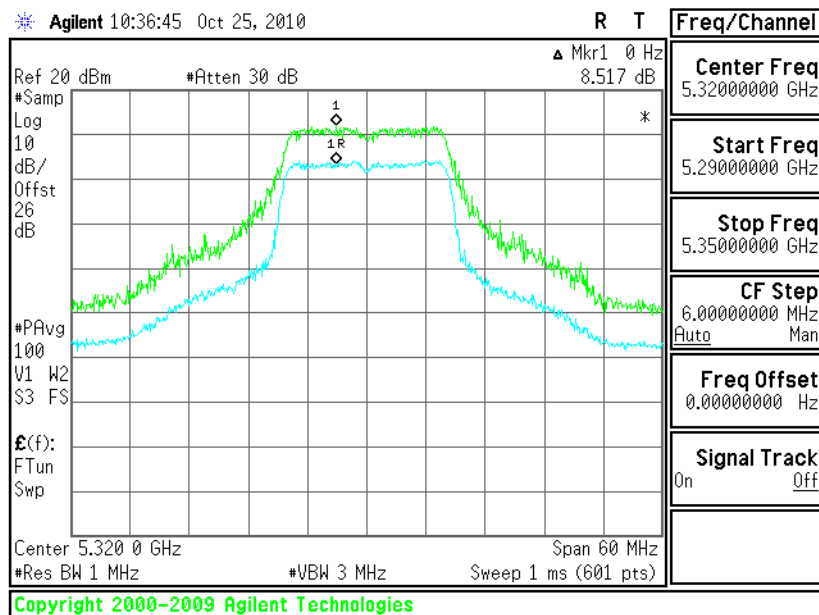


Peak Excursion Ratio Plot on 802.11a Channel 60 - Chain 1

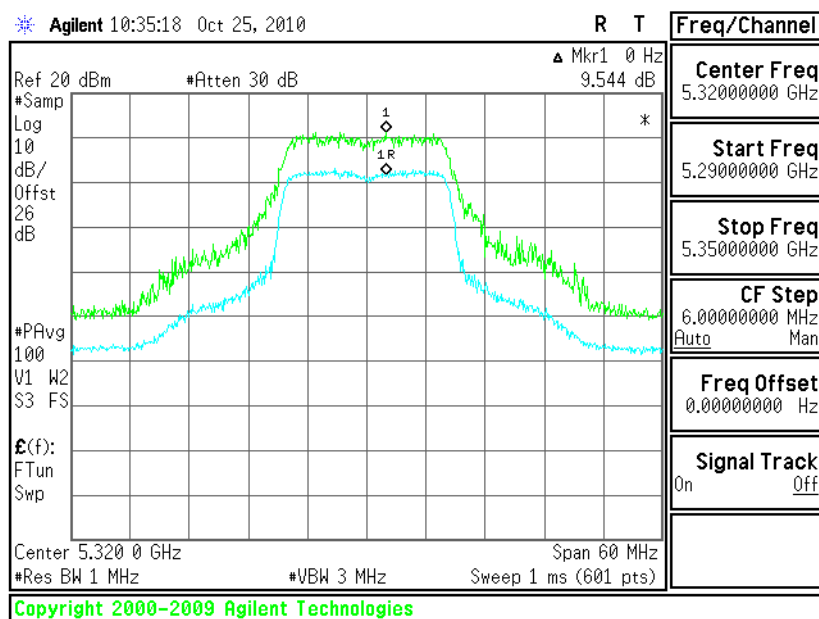




Peak Excursion Ratio Plot on 802.11a Channel 64 - Chain 0

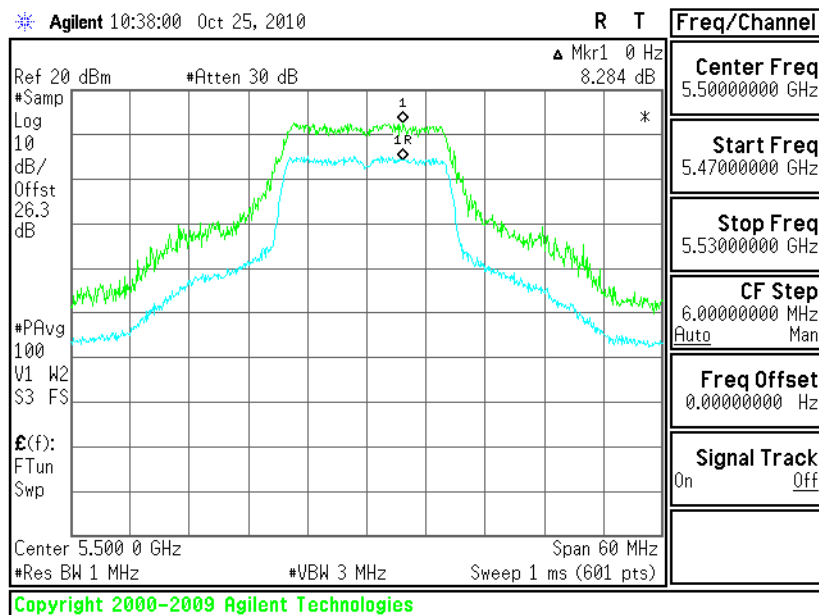


Peak Excursion Ratio Plot on 802.11a Channel 64 - Chain 1

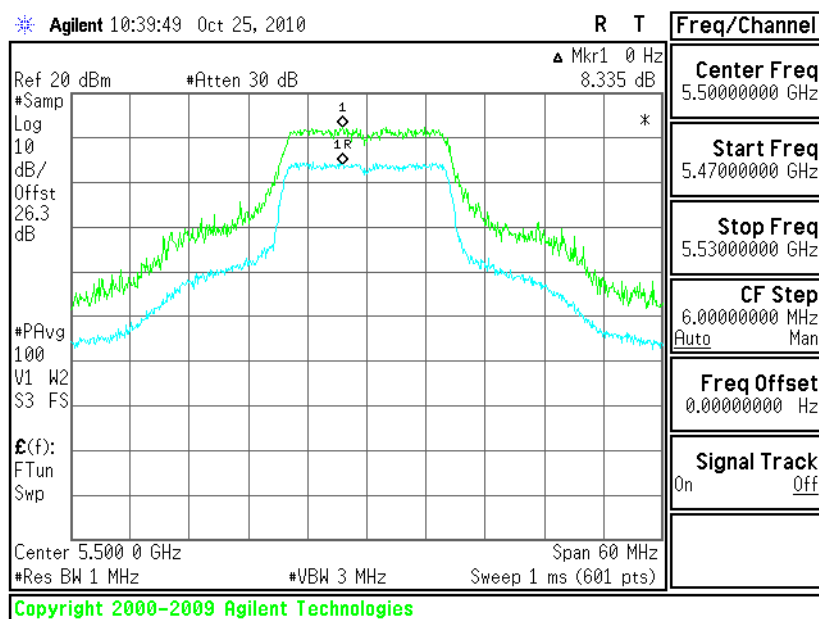




Peak Excursion Ratio Plot on 802.11a Channel 100 - Chain 0

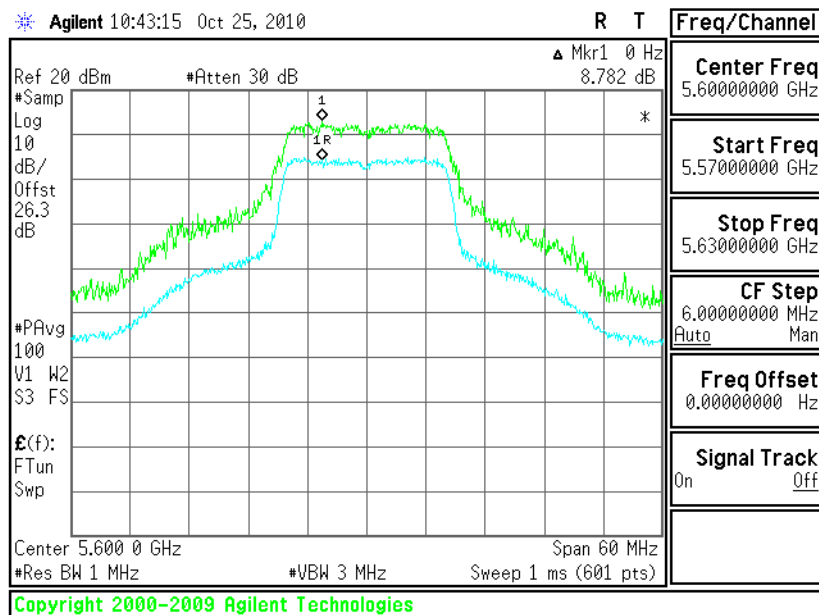


Peak Excursion Ratio Plot on 802.11a Channel 100 - Chain 1

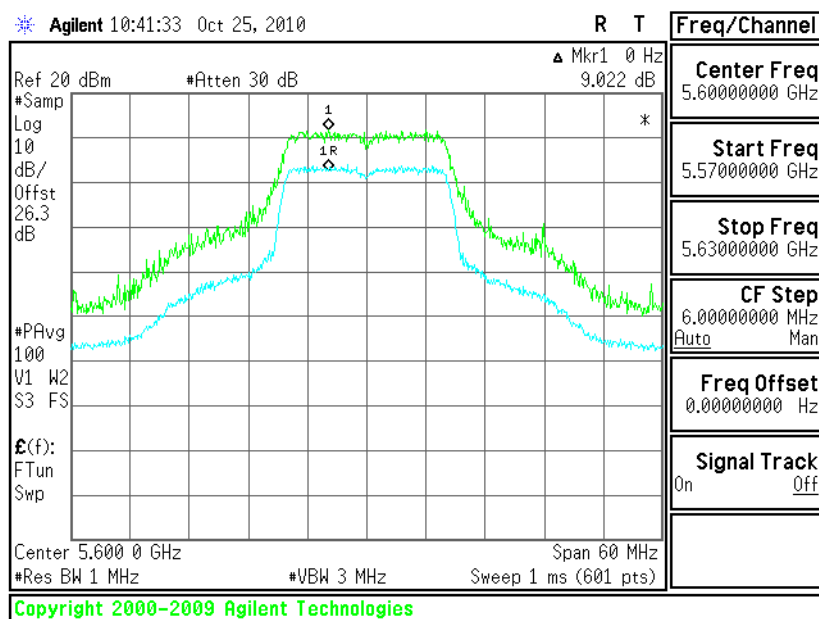




Peak Excursion Ratio Plot on 802.11a Channel 120 - Chain 0

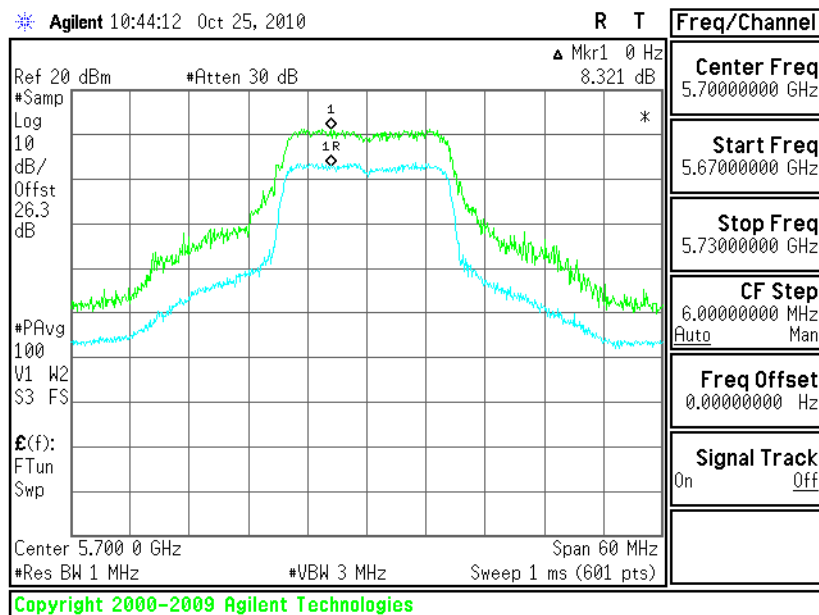


Peak Excursion Ratio Plot on 802.11a Channel 120 - Chain 1

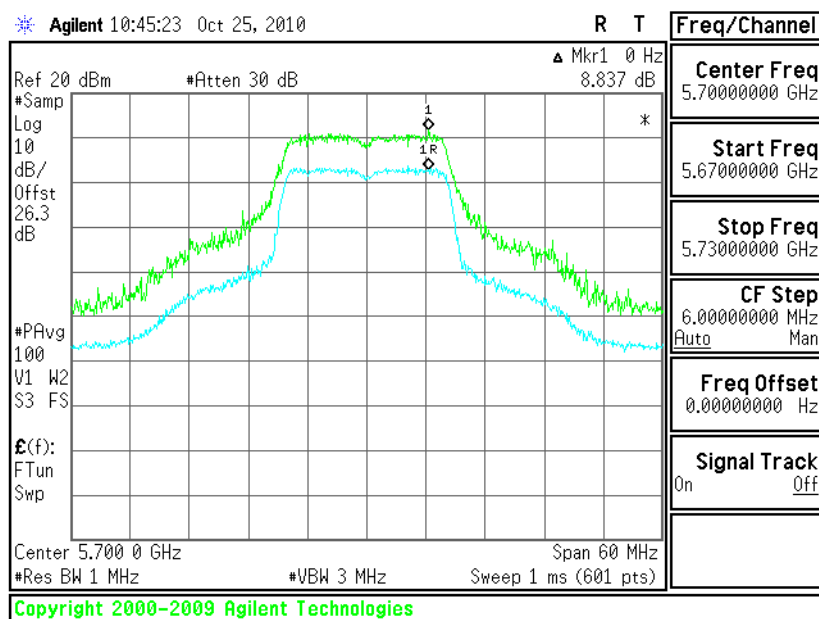




Peak Excursion Ratio Plot on 802.11a Channel 140 - Chain 0



Peak Excursion Ratio Plot on 802.11a Channel 140 - Chain 1



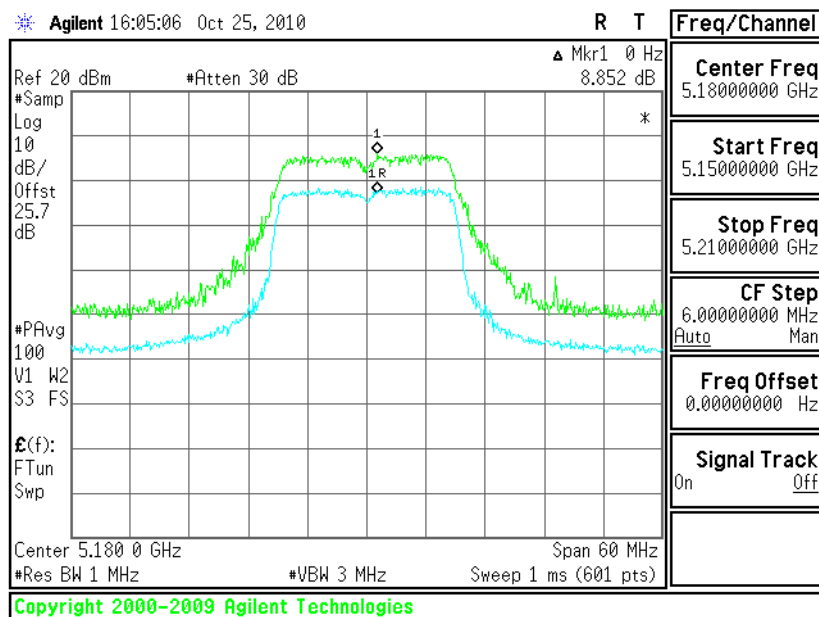


<Beam-Forming On: 3x3>

Test Mode :	802.11n (HT-20) L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

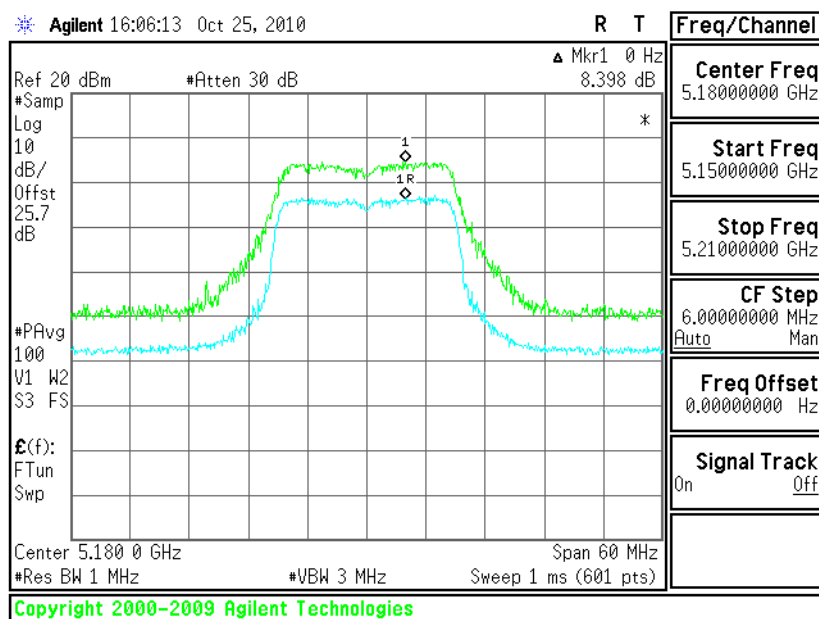
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

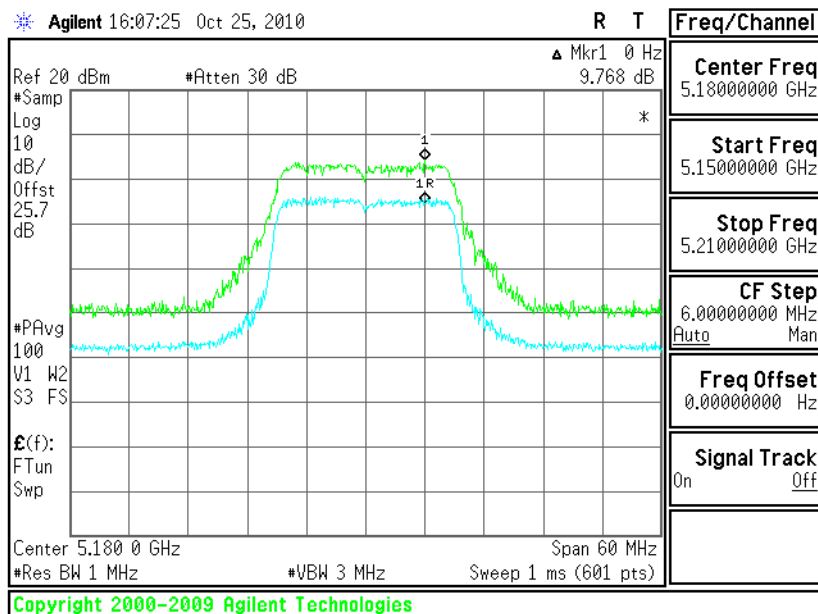
Chain 1





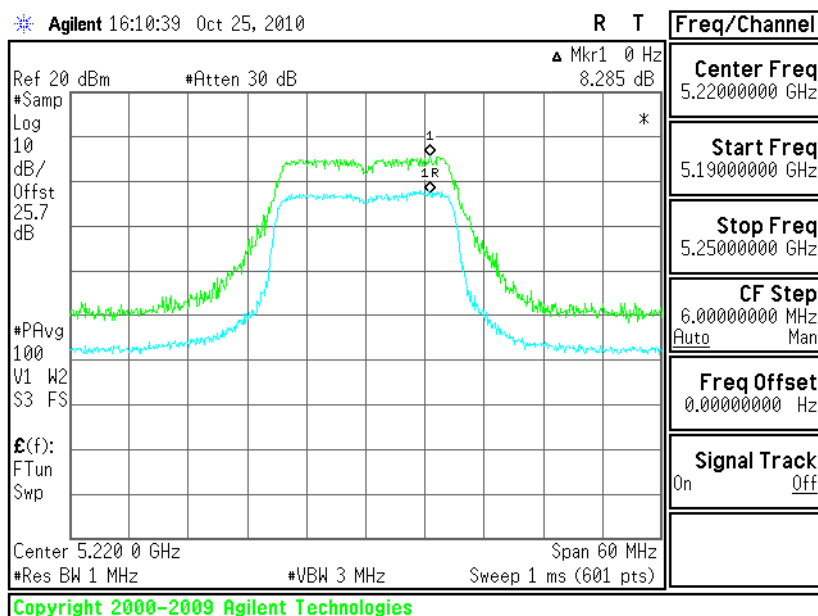
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

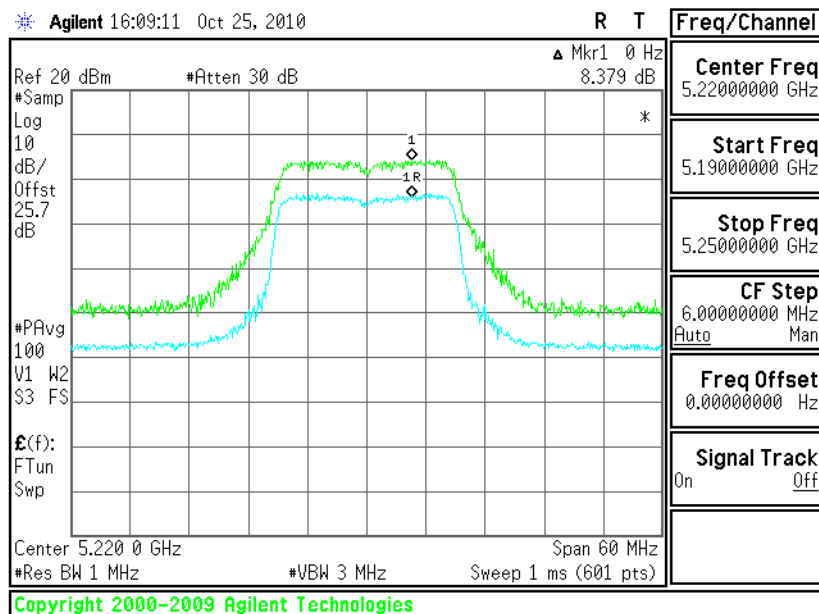
Chain 0





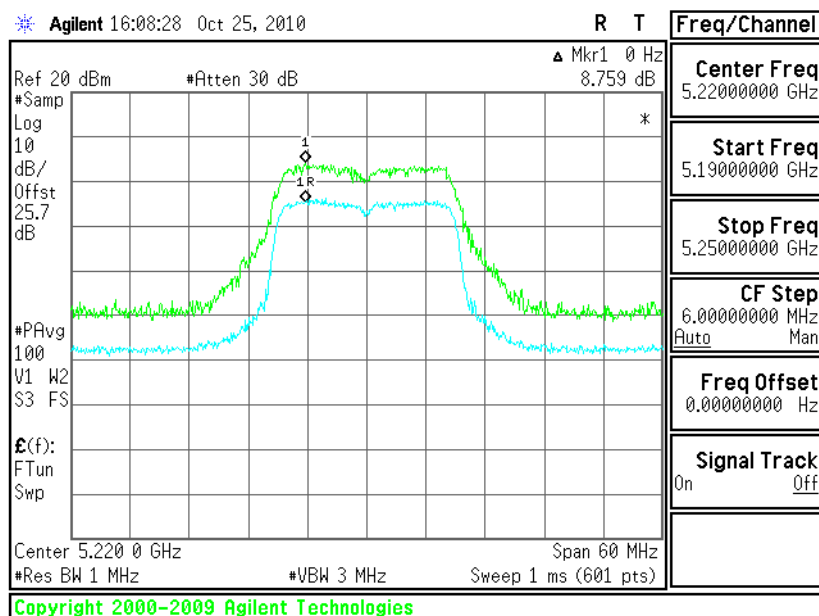
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

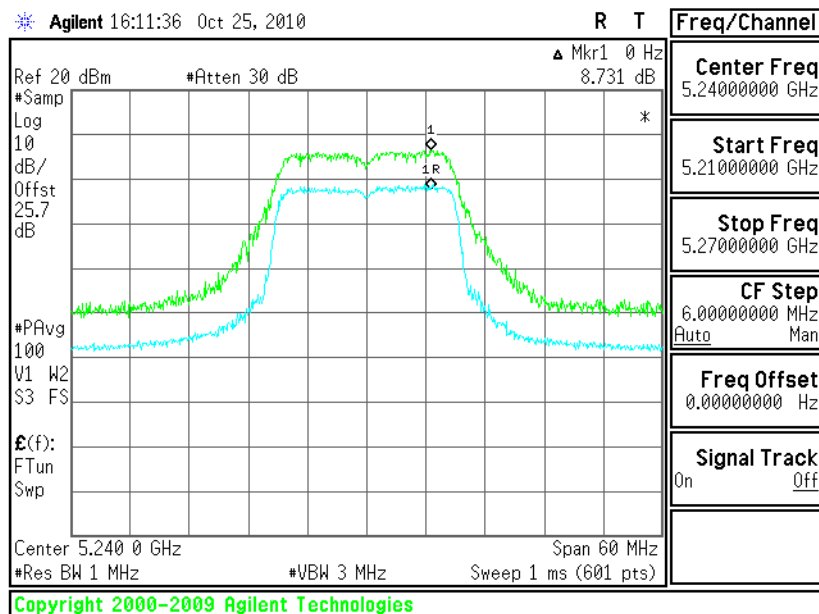
Chain 2





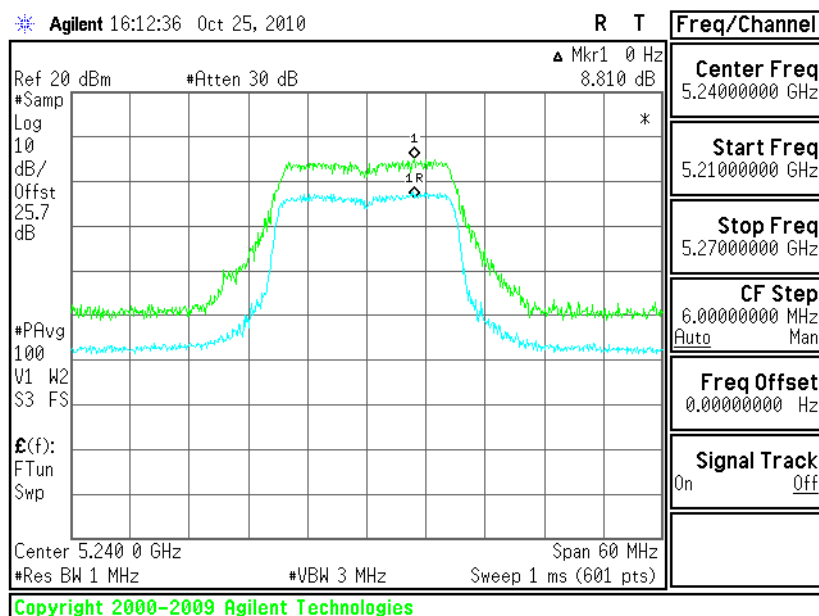
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

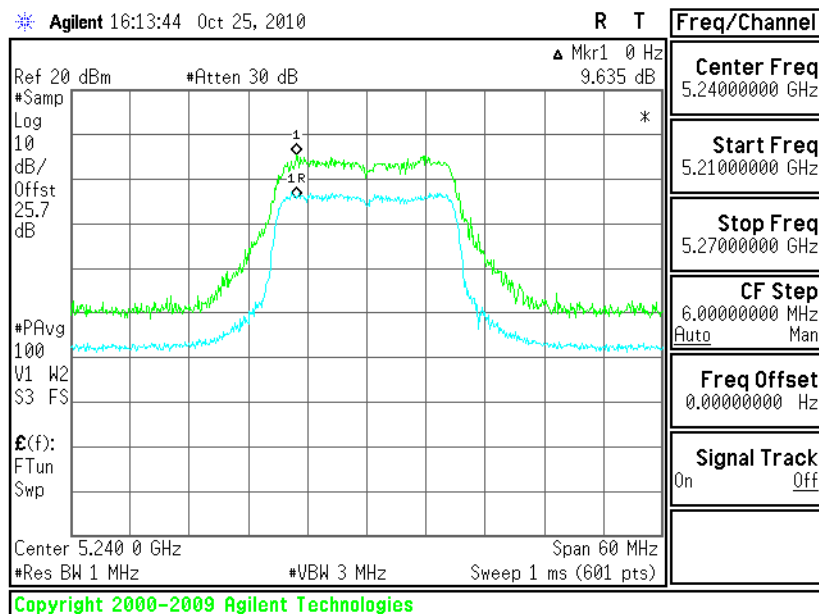
Chain 1





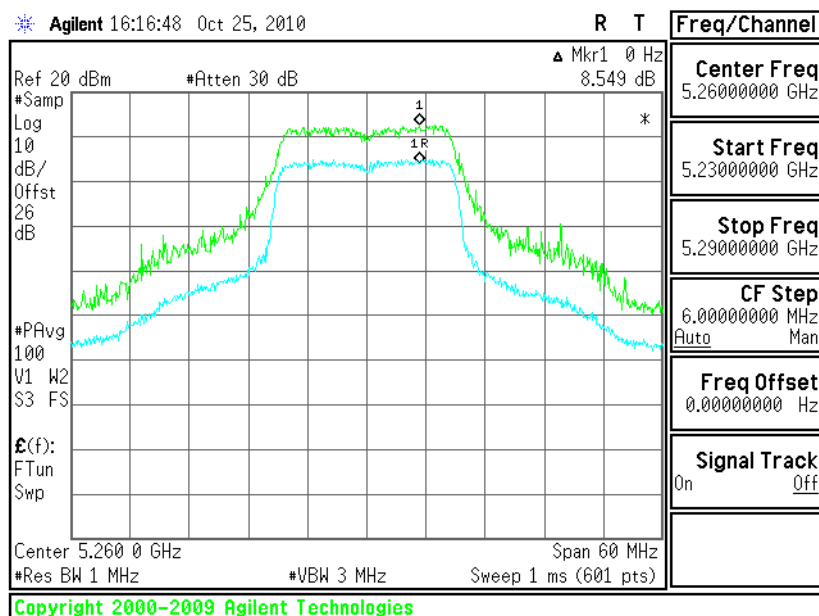
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

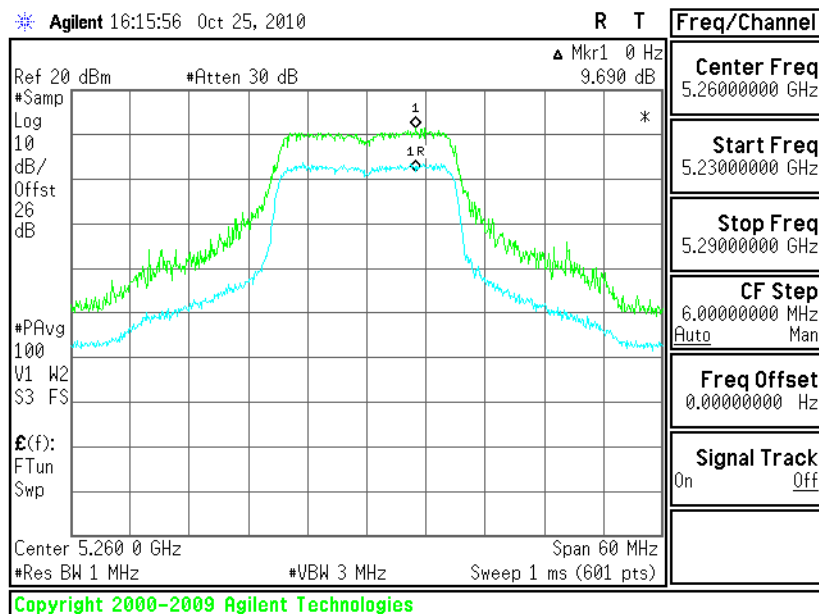
Chain 0





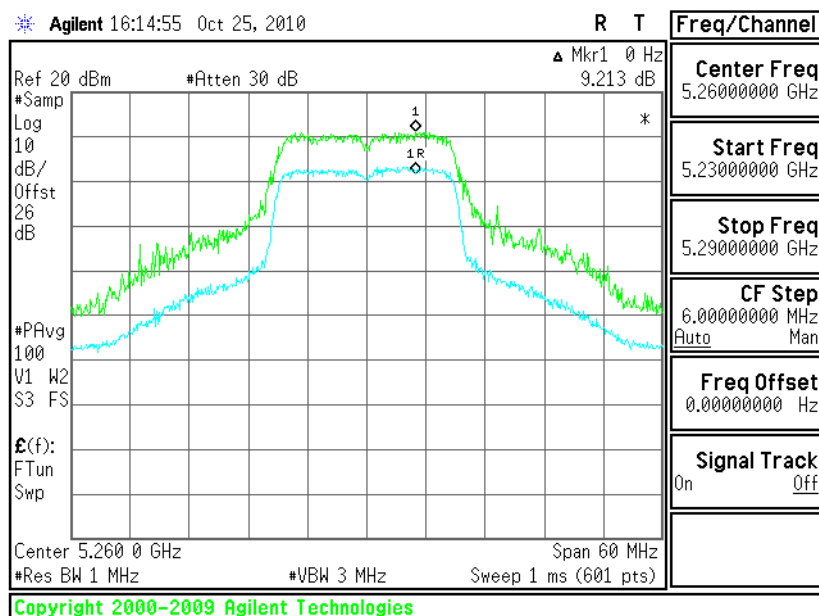
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

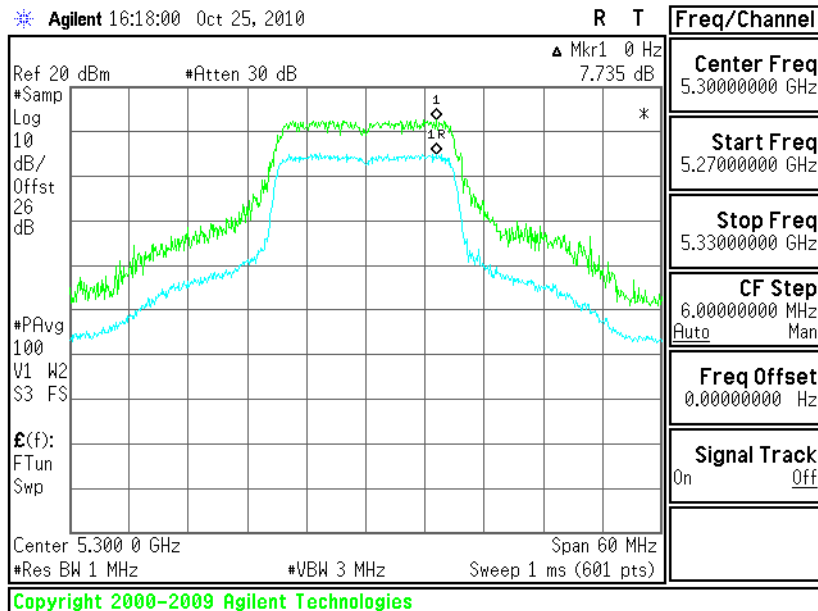
Chain 2





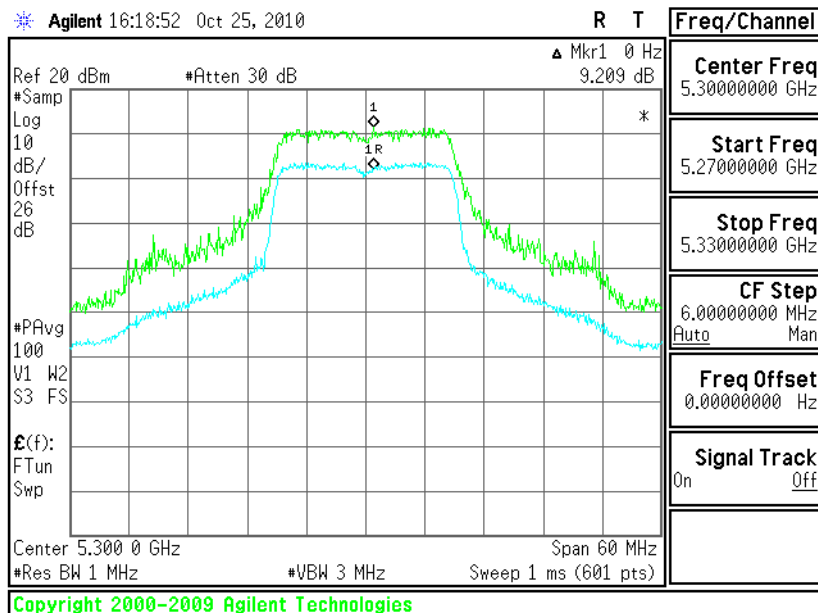
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

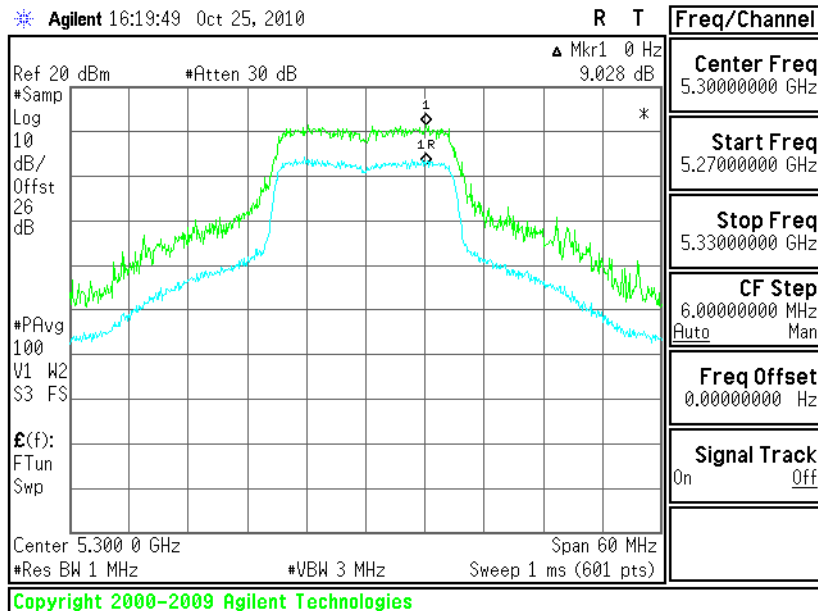
Chain 1





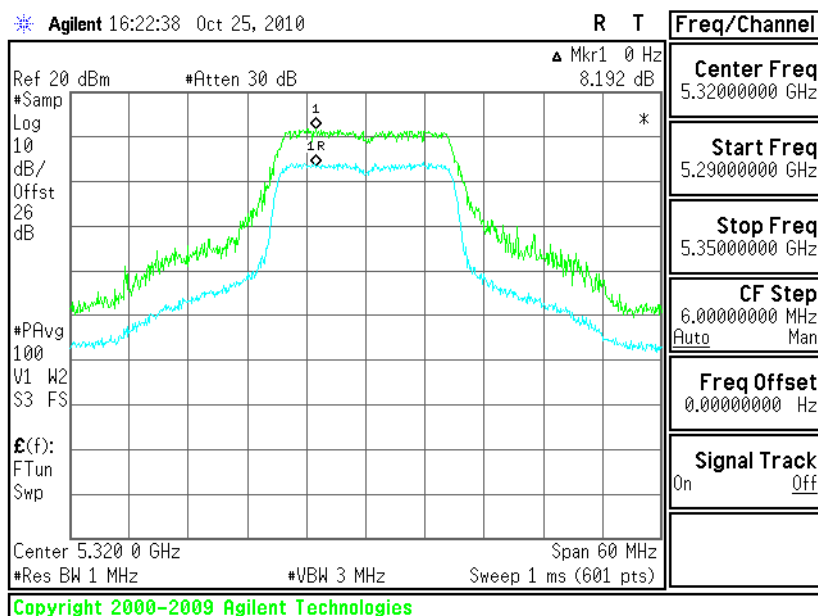
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

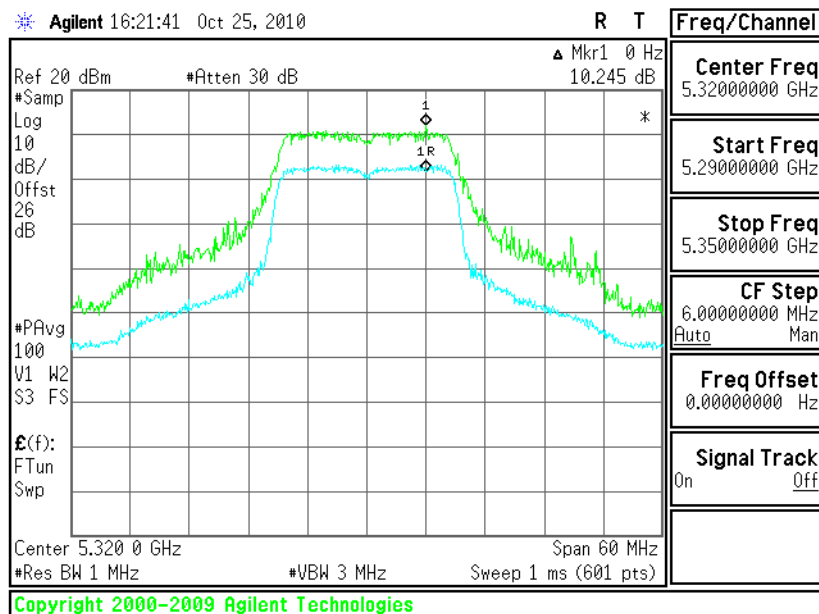
Chain 0





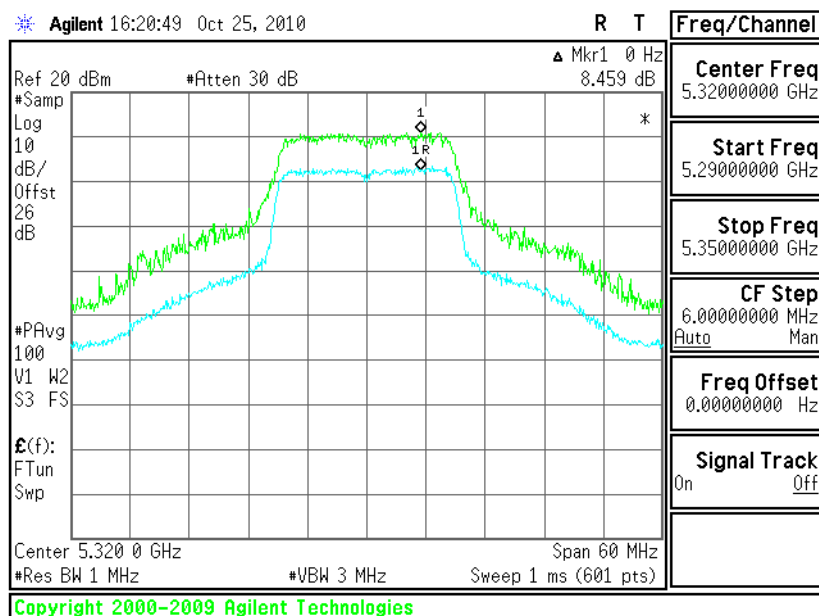
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

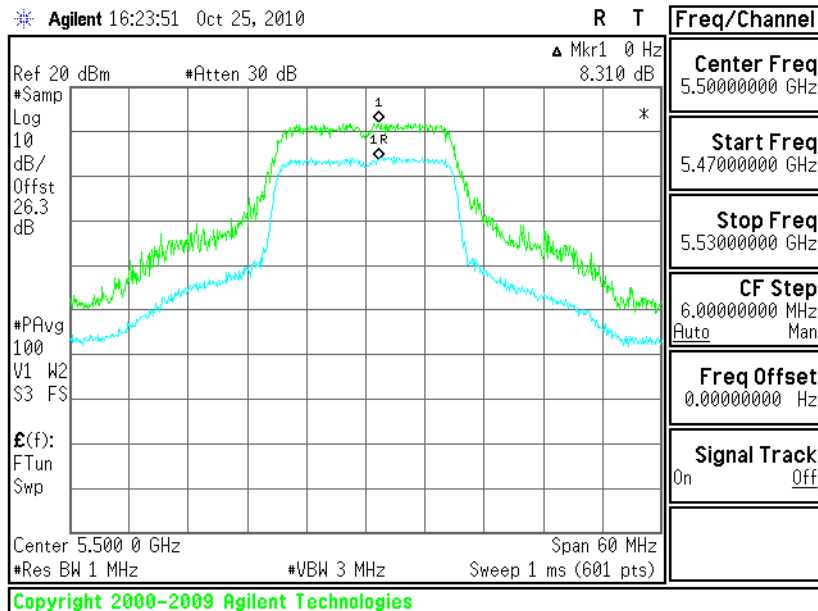
Chain 2





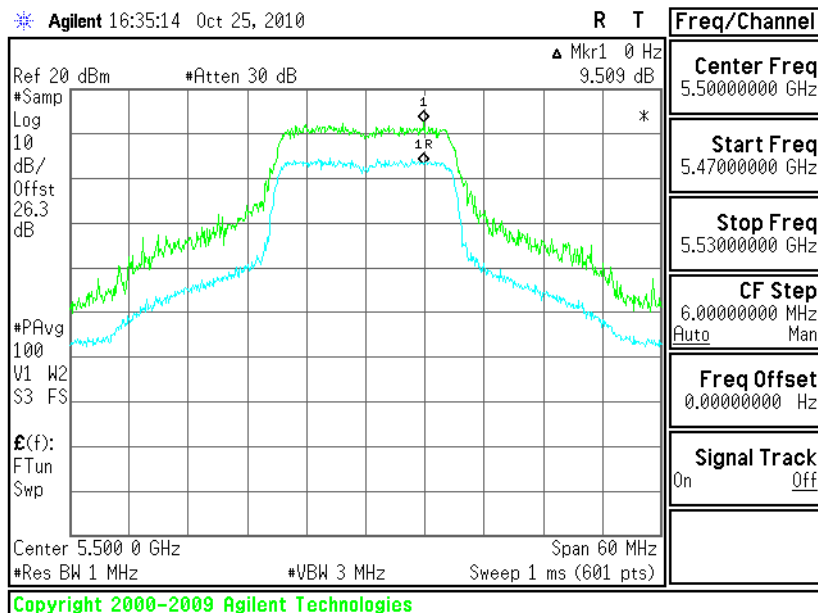
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

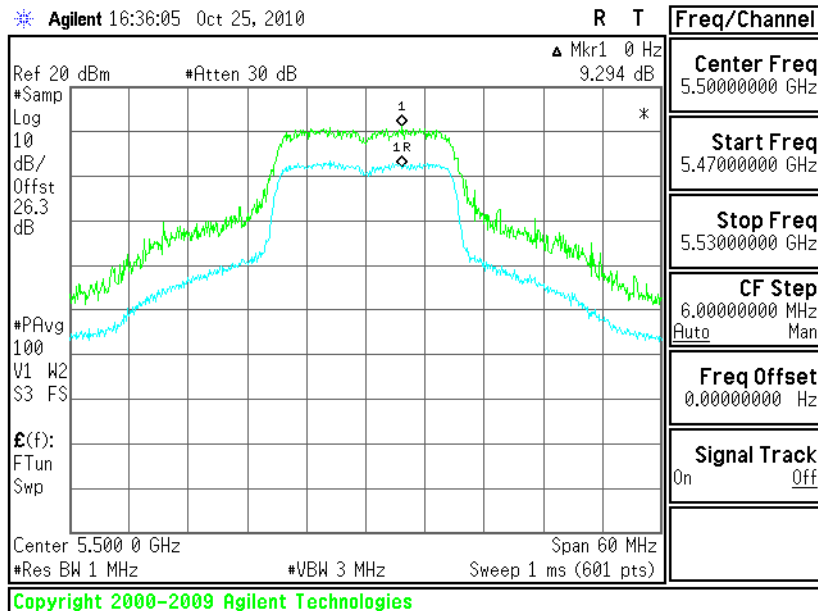
Chain 1





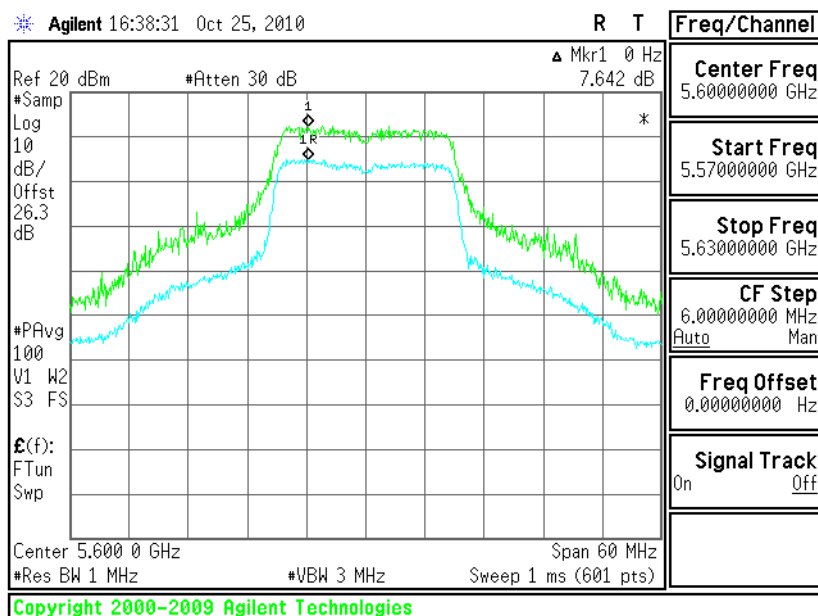
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

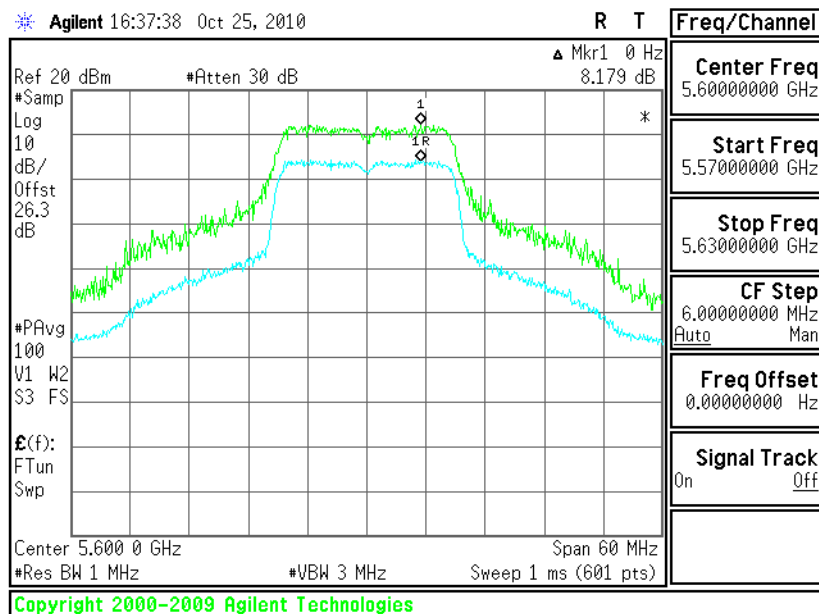
Chain 0





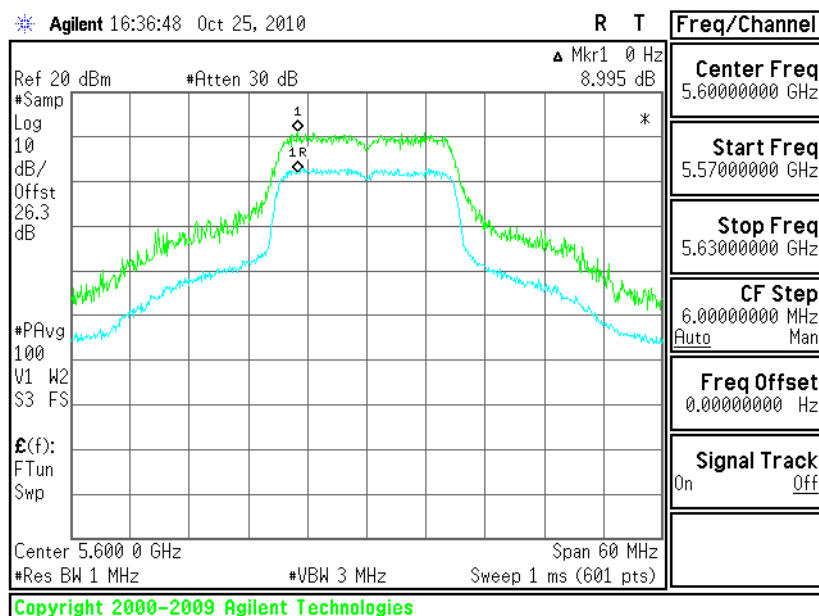
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

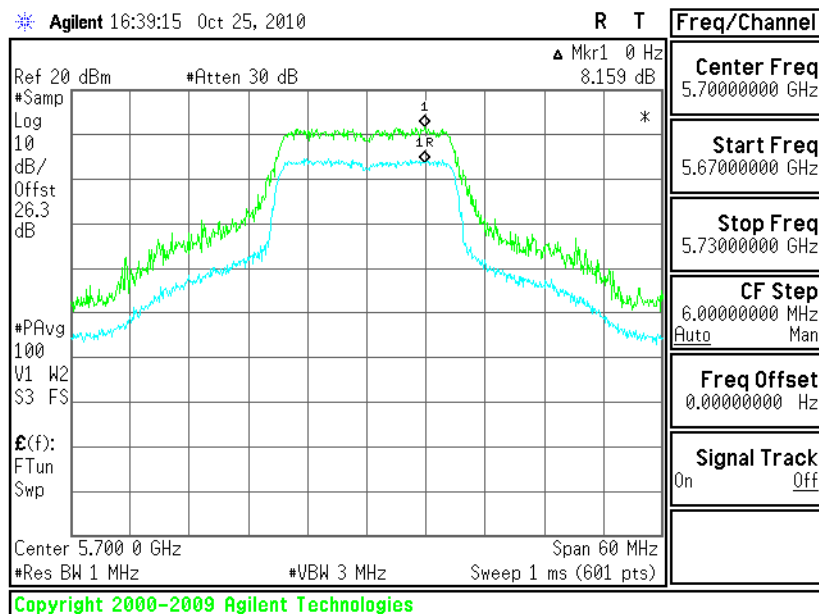
Chain 2





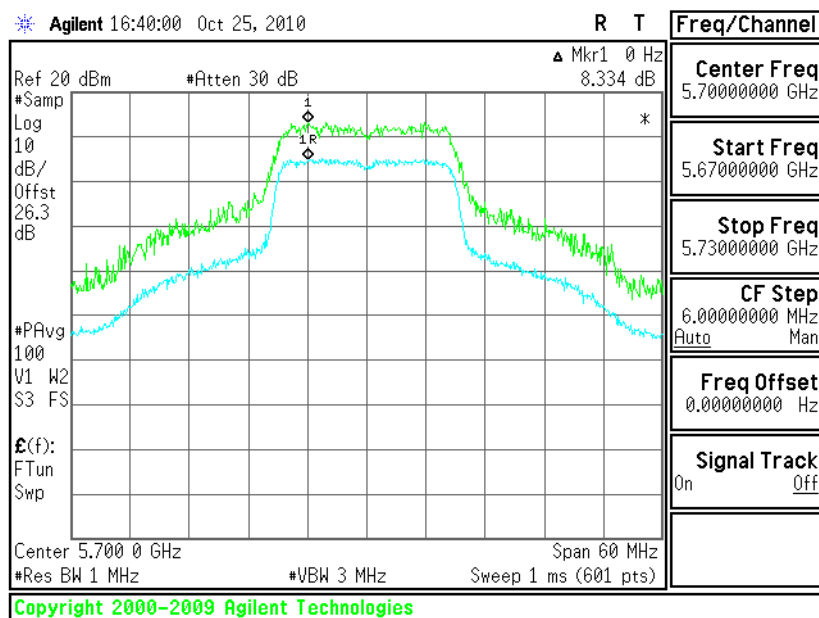
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

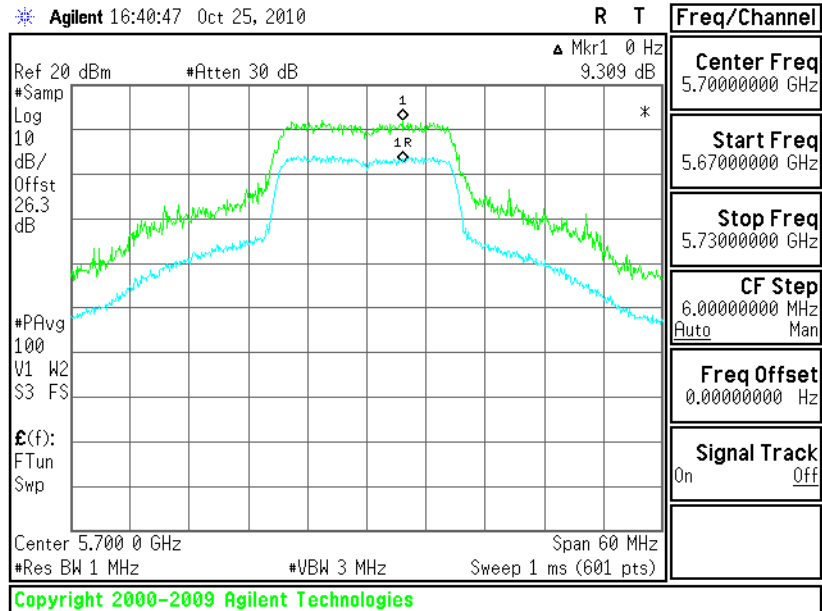
Chain 1





Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

Chain 2

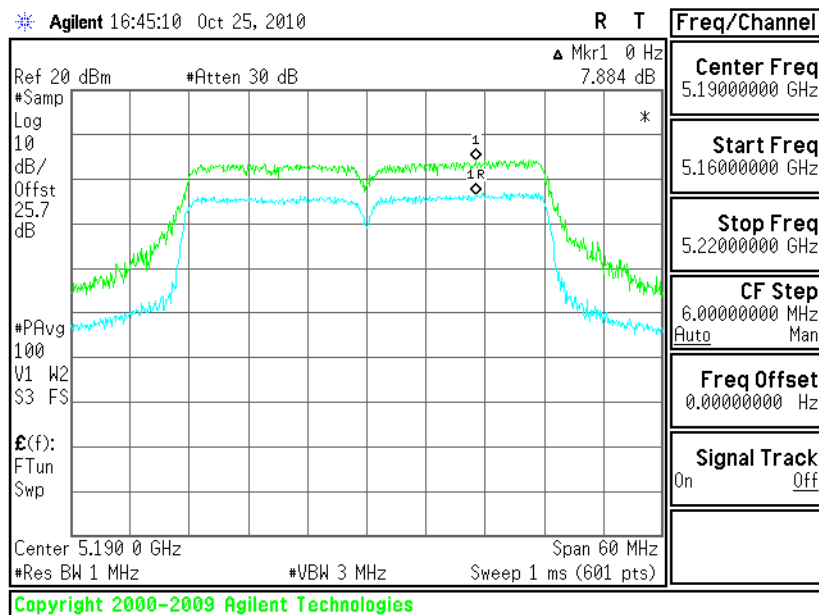




Test Mode :	802.11n (HT-40) L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

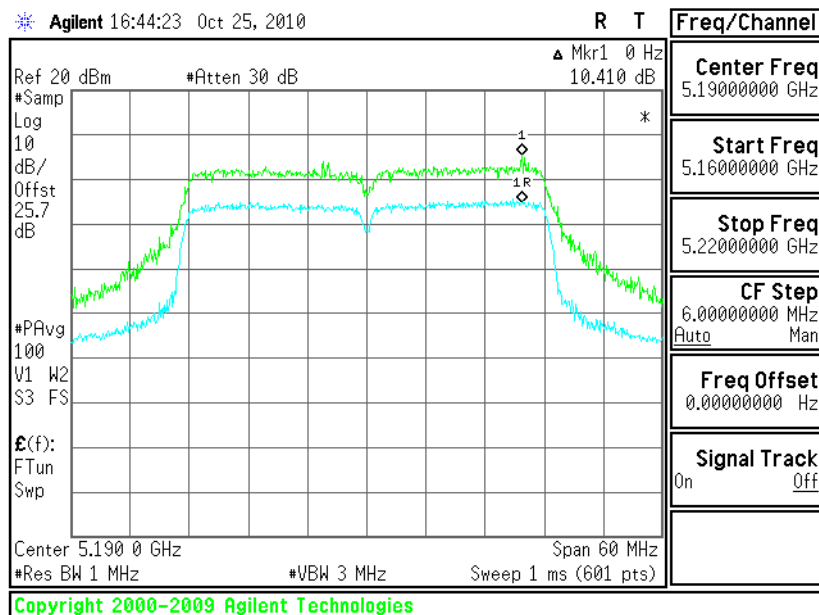
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

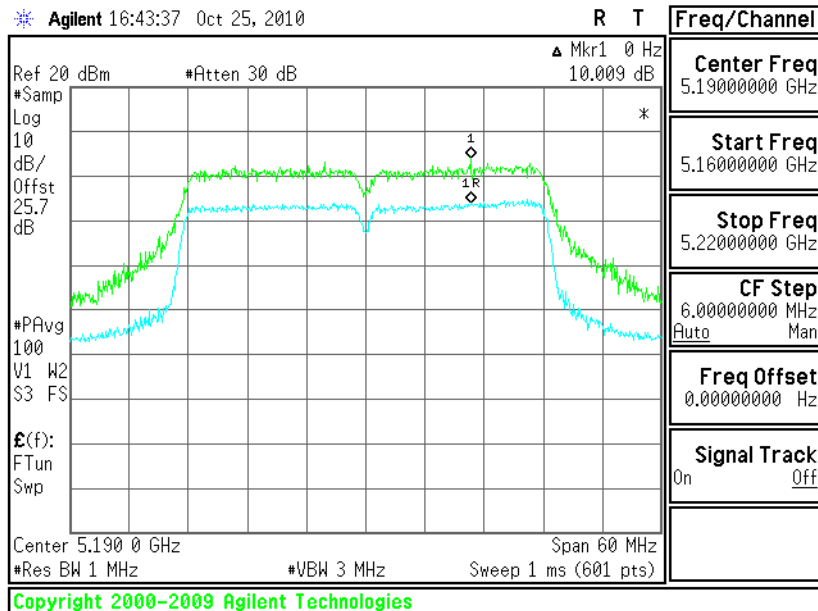
Chain 1





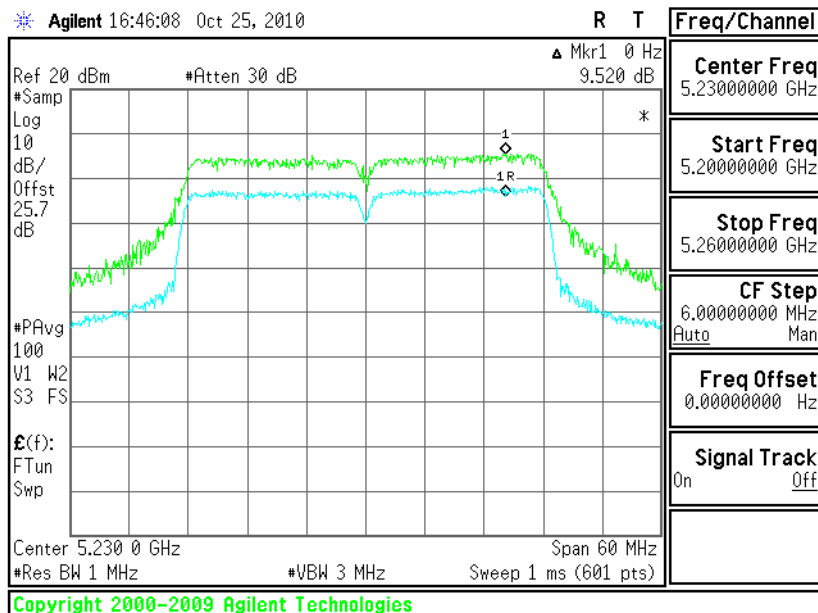
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

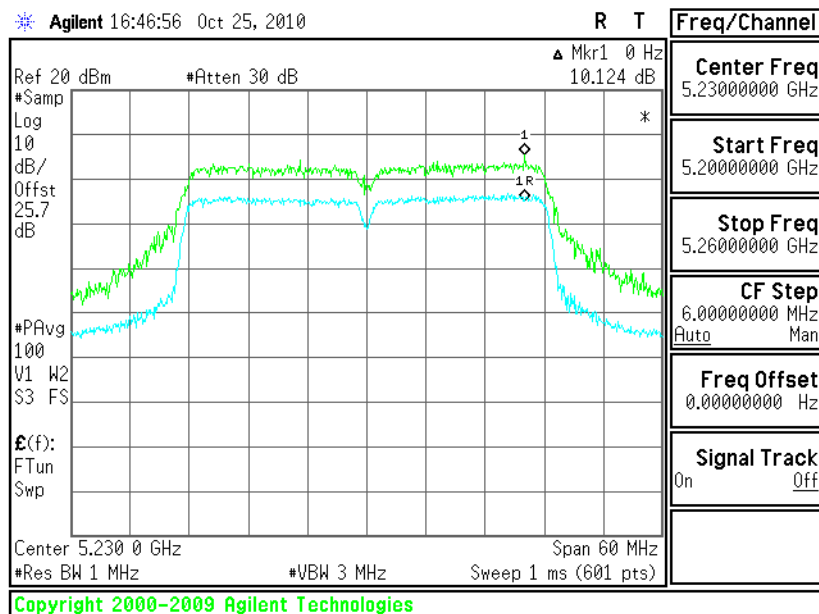
Chain 0





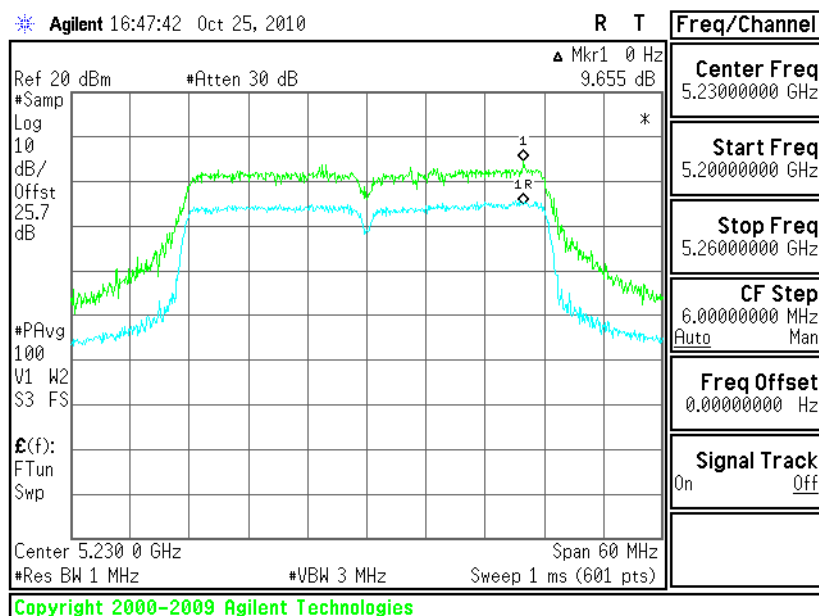
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

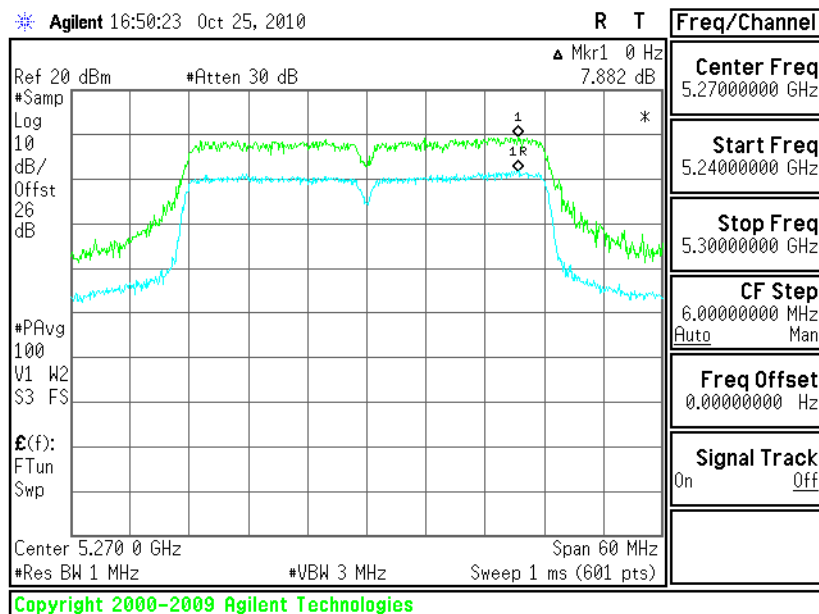
Chain 2





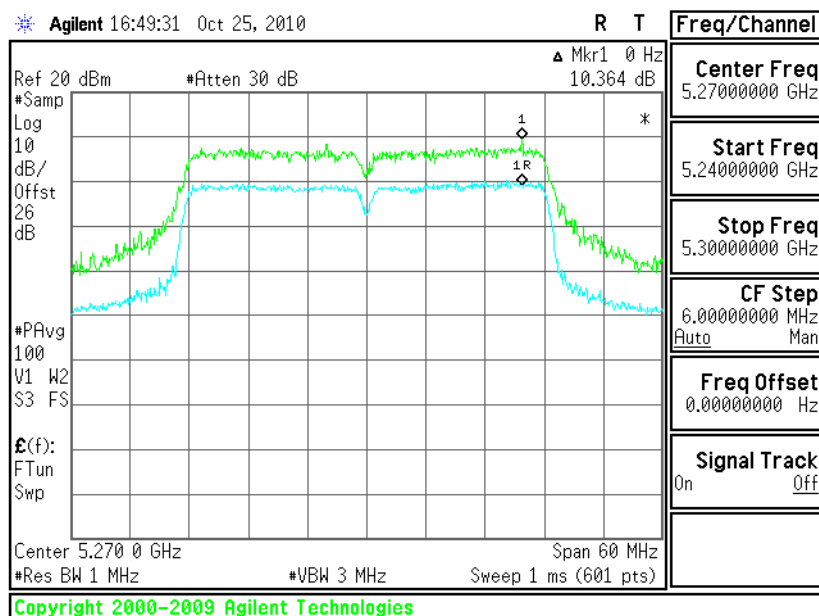
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

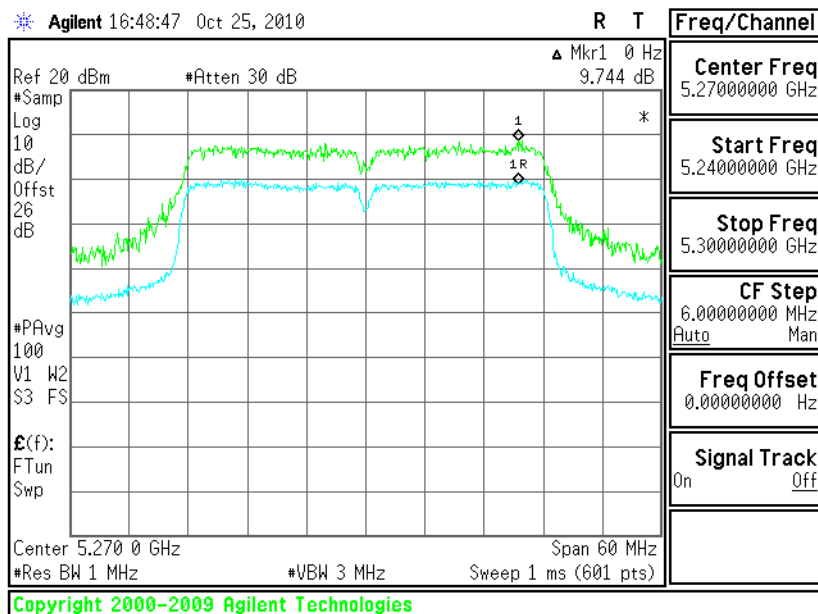
Chain 1





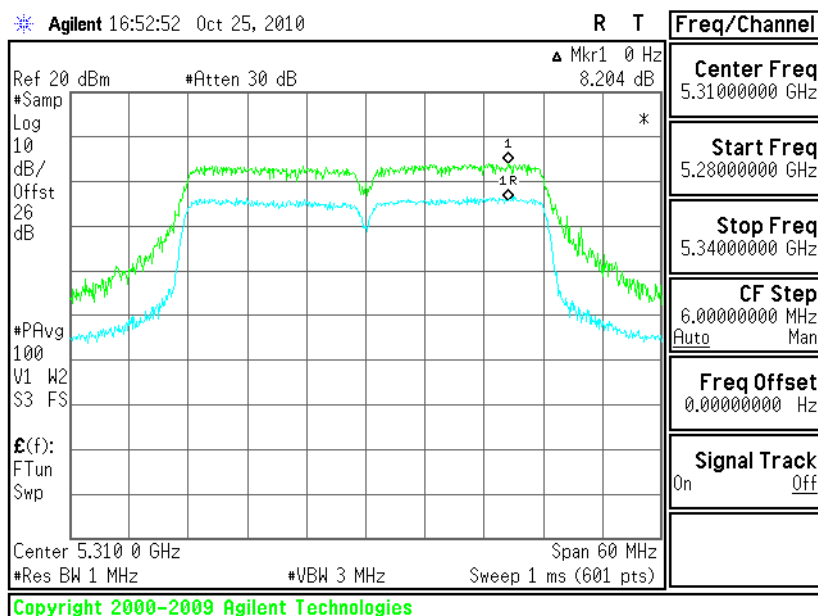
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

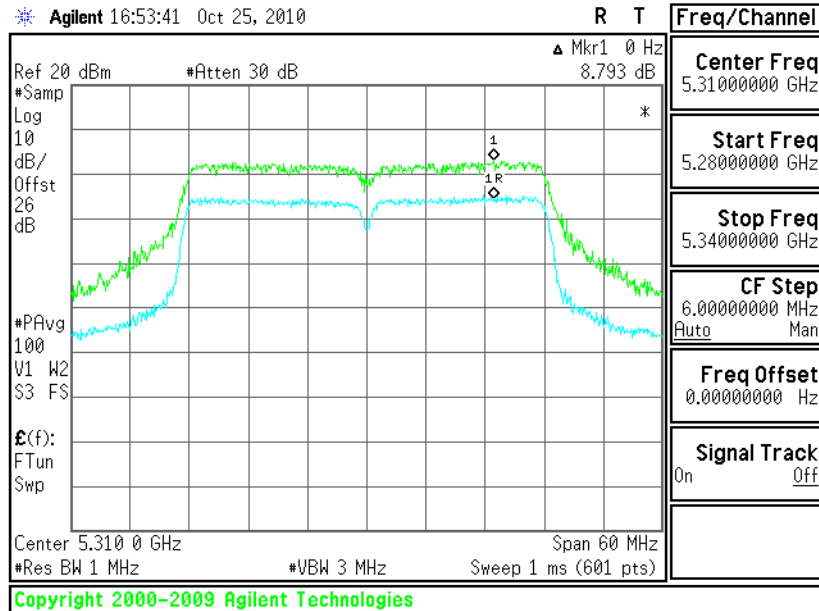
Chain 0





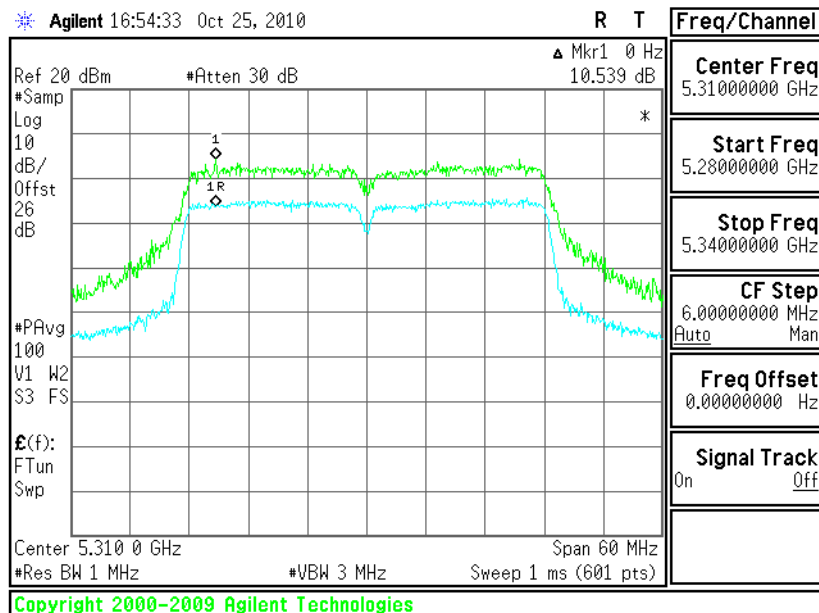
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

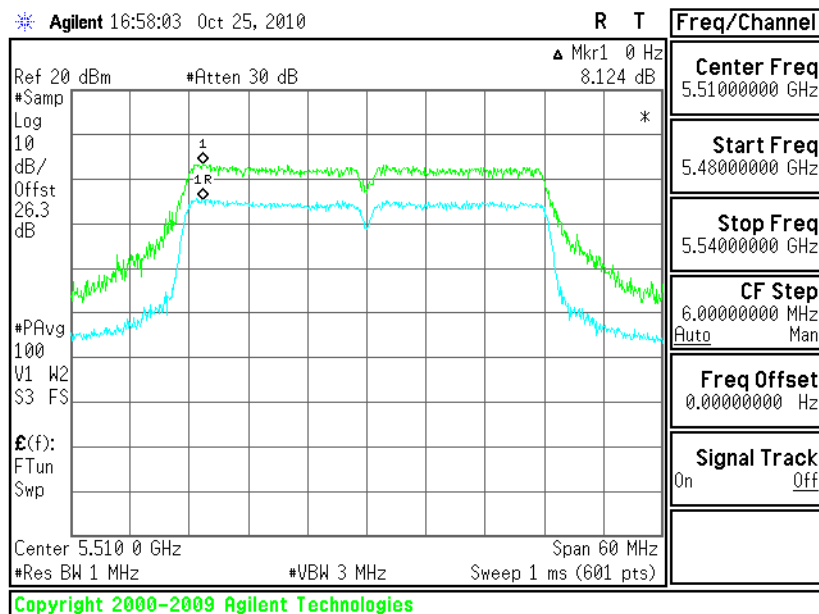
Chain 2





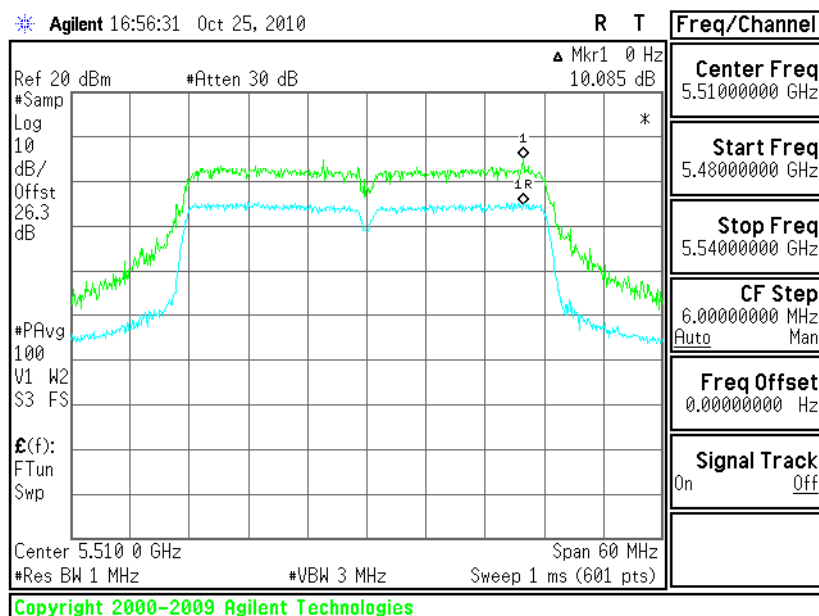
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

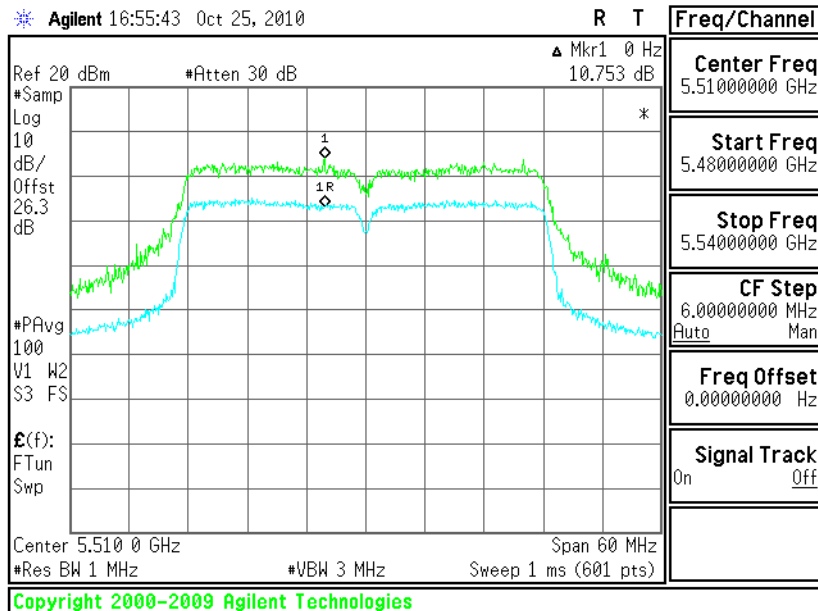
Chain 1





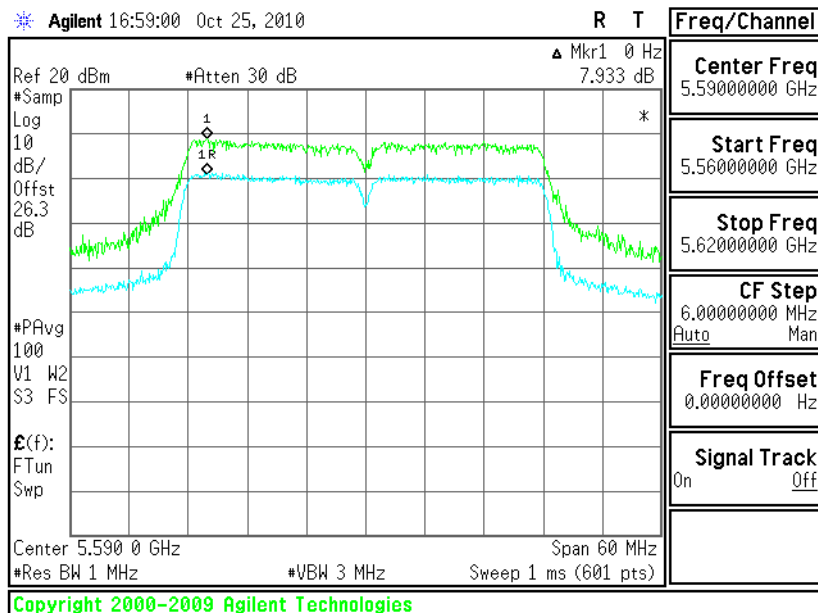
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

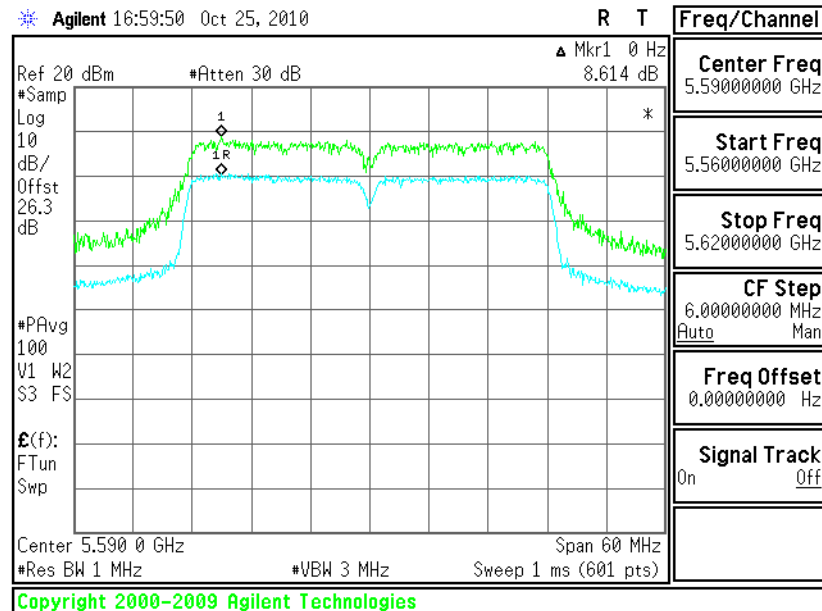
Chain 0





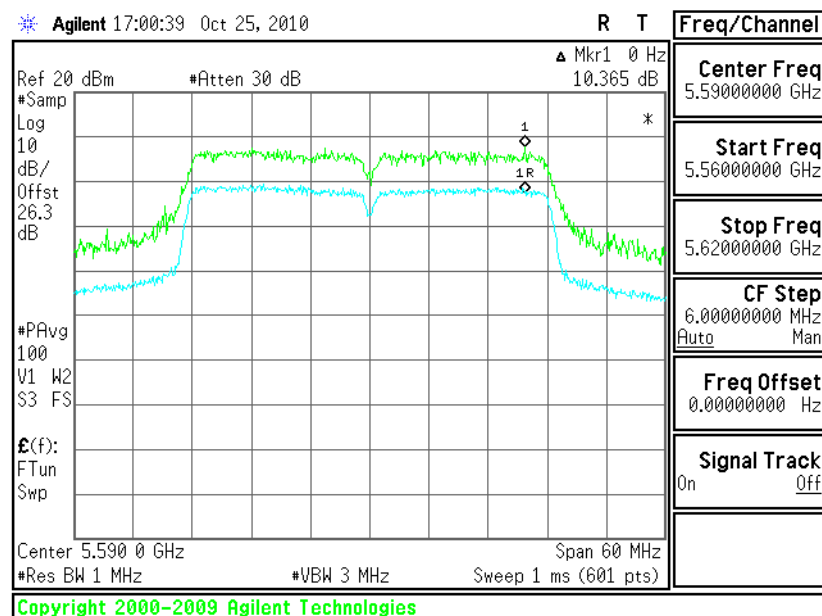
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

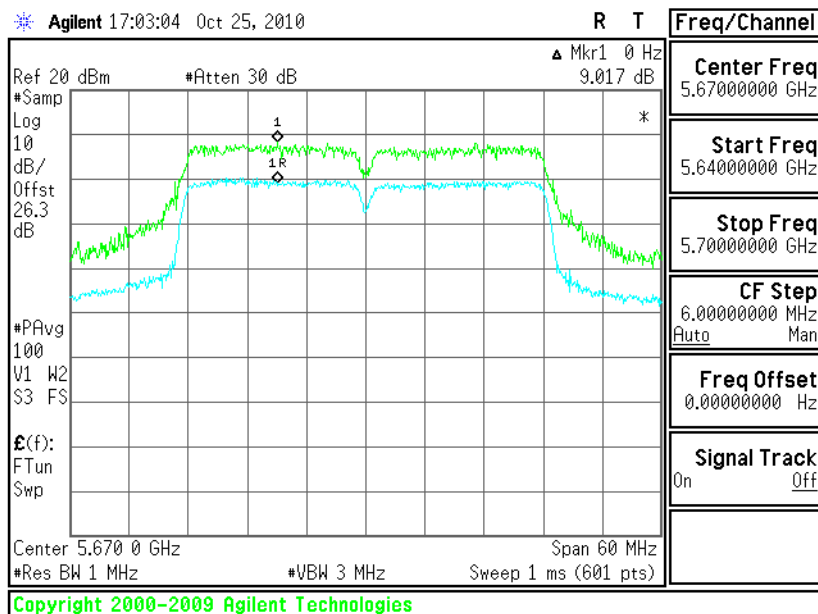
Chain 2





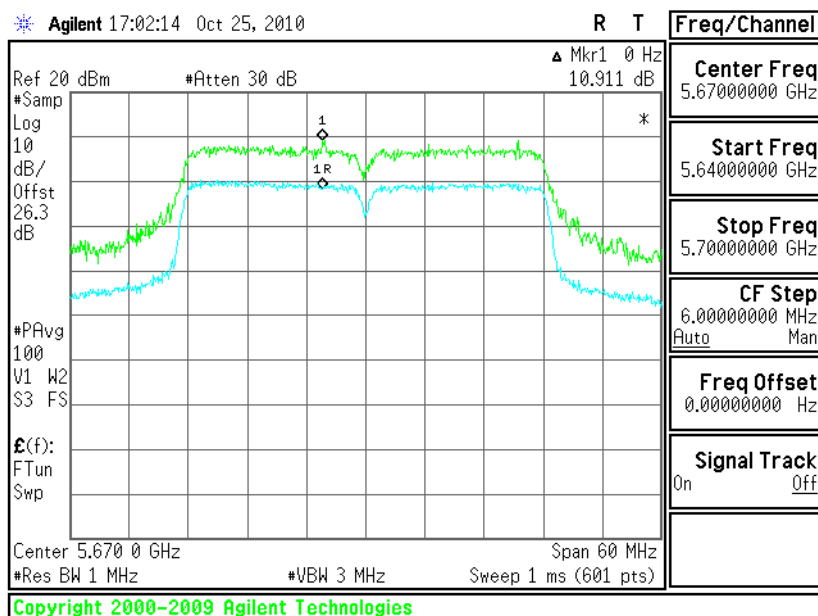
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

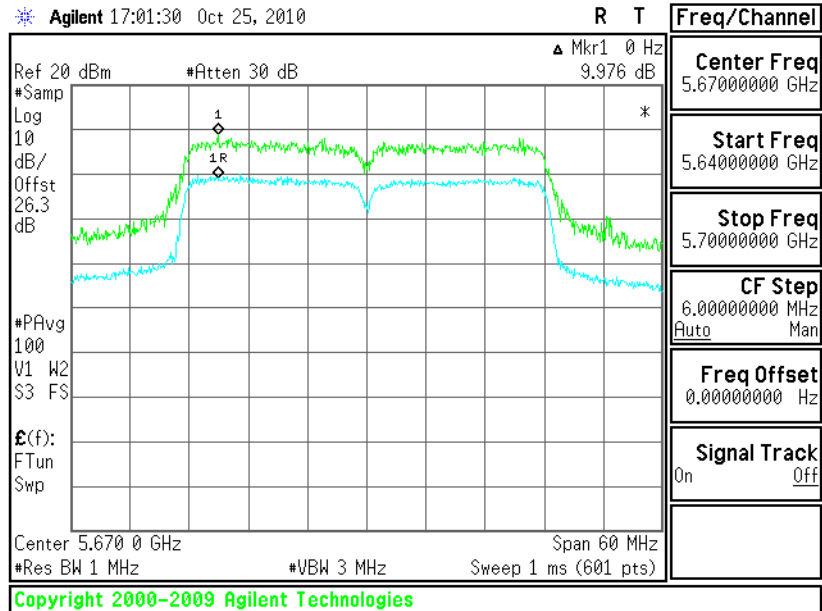
Chain 1





Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

Chain 2



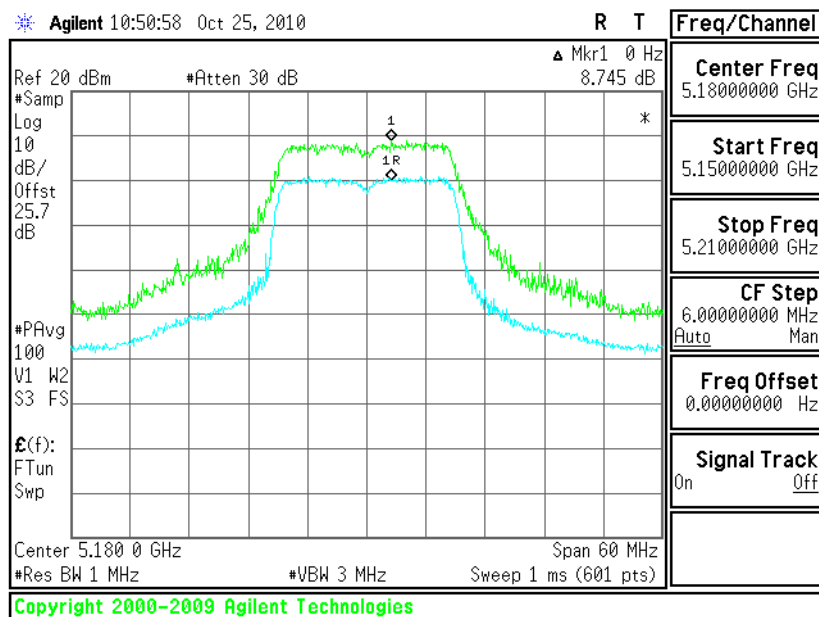


<Beam-Forming On: 2x3>

Test Mode :	802.11n (HT-20) L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

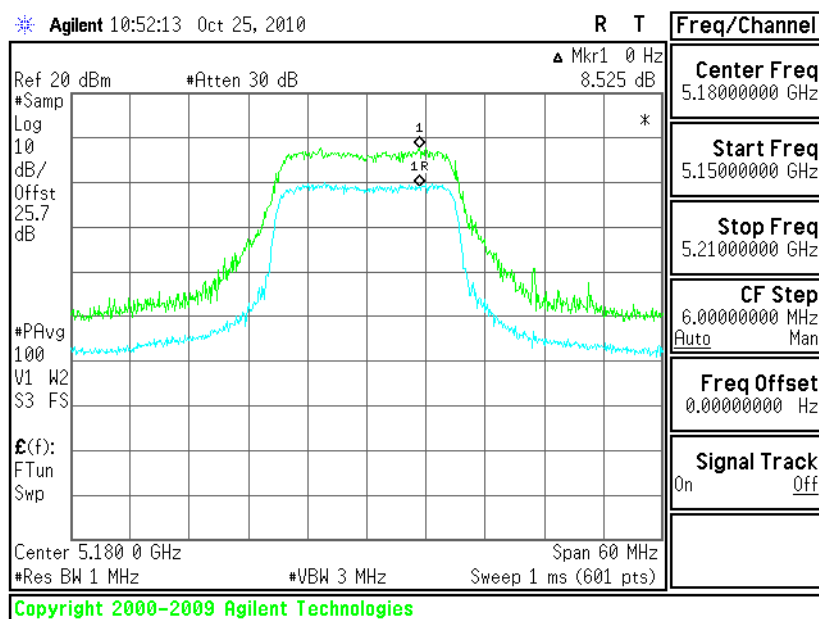
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

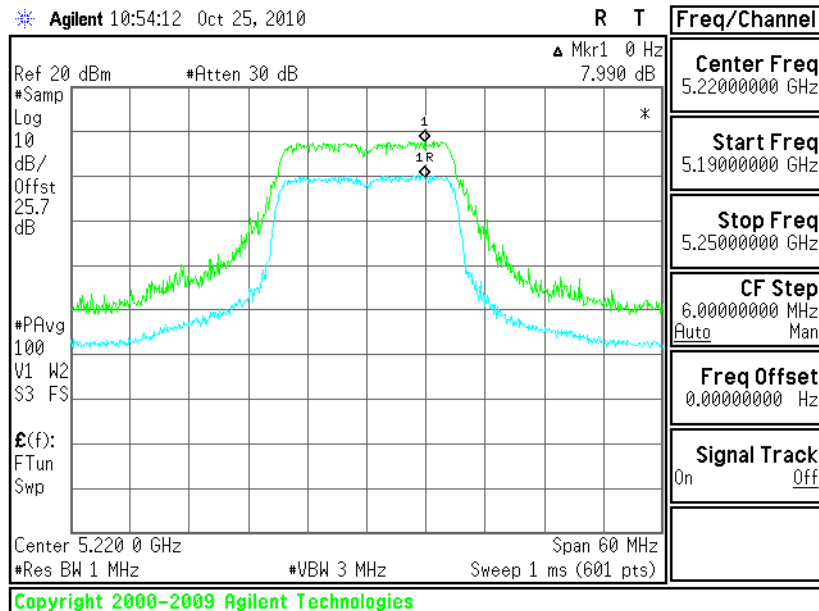
Chain 1





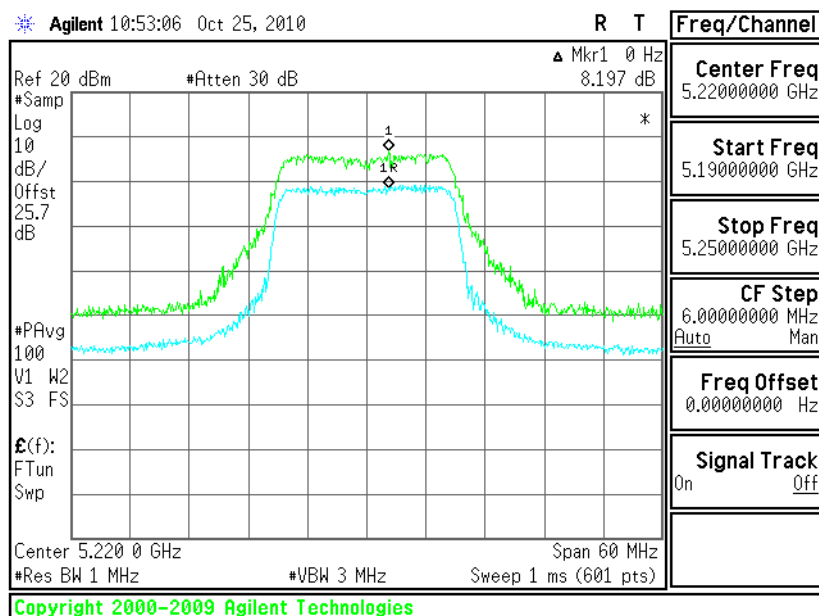
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

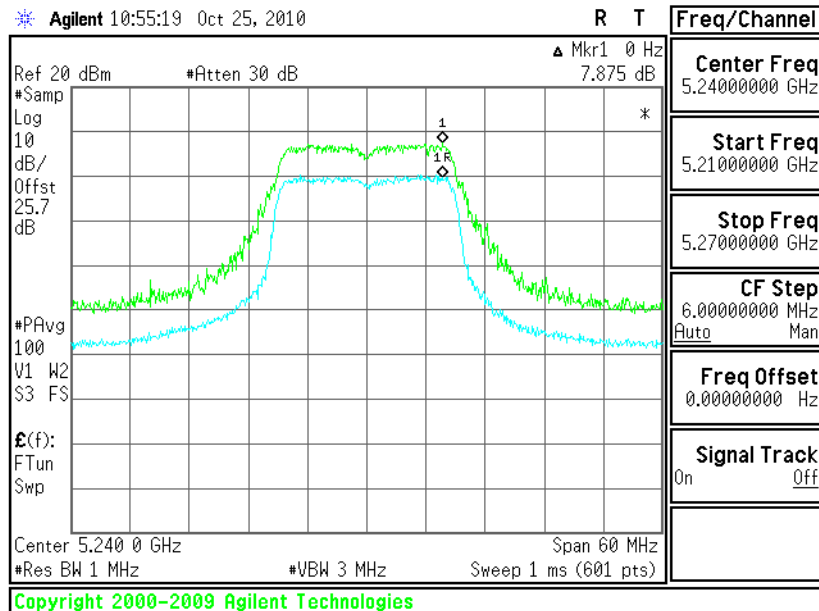
Chain 1





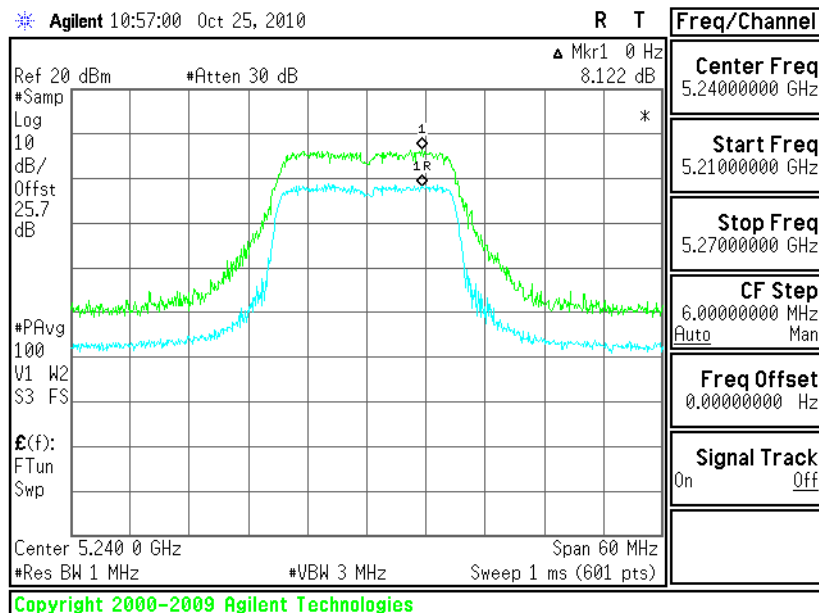
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

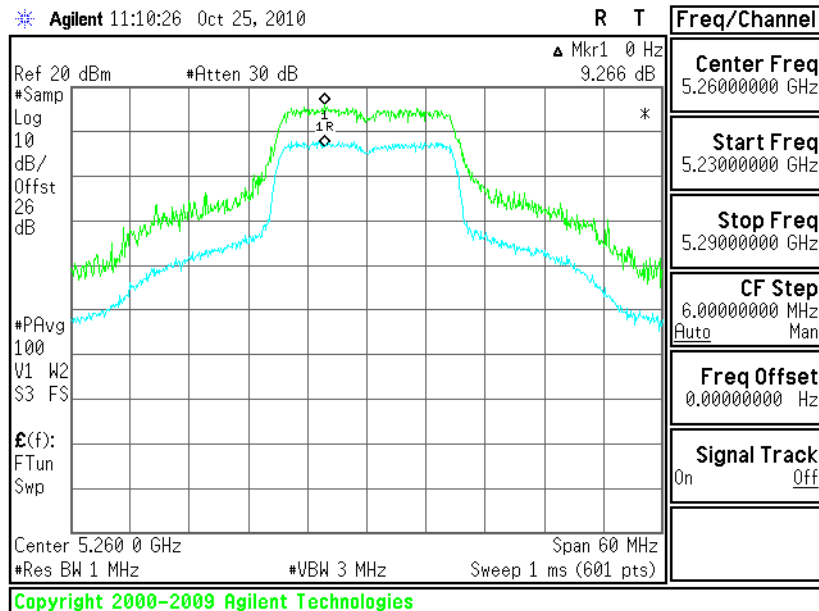
Chain 1





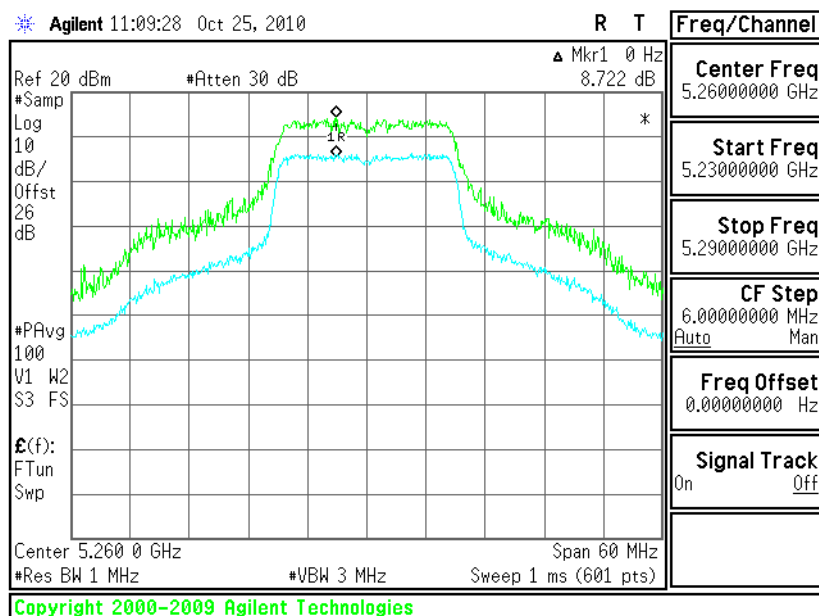
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

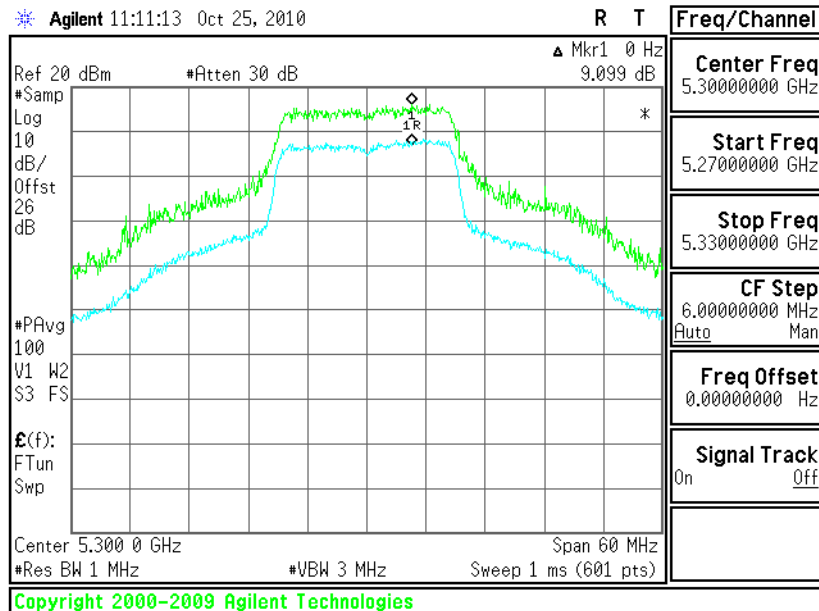
Chain 1





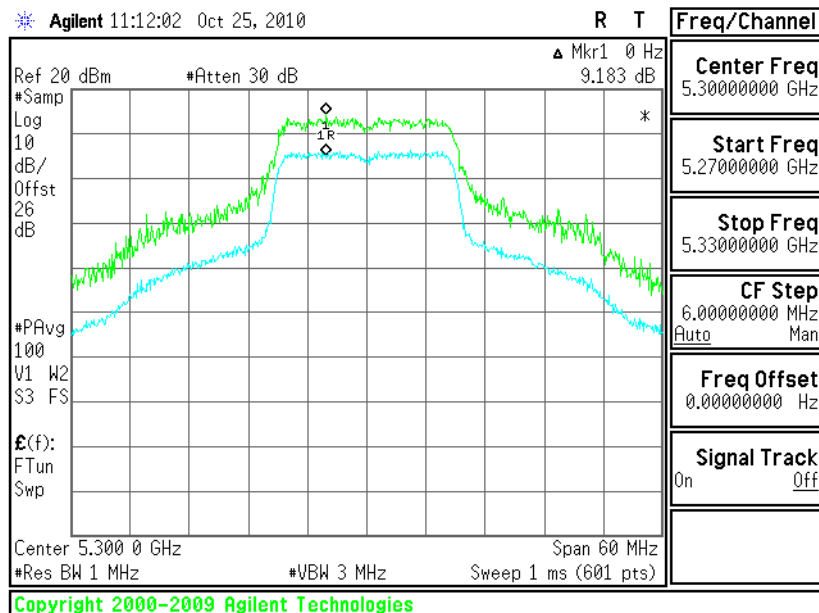
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

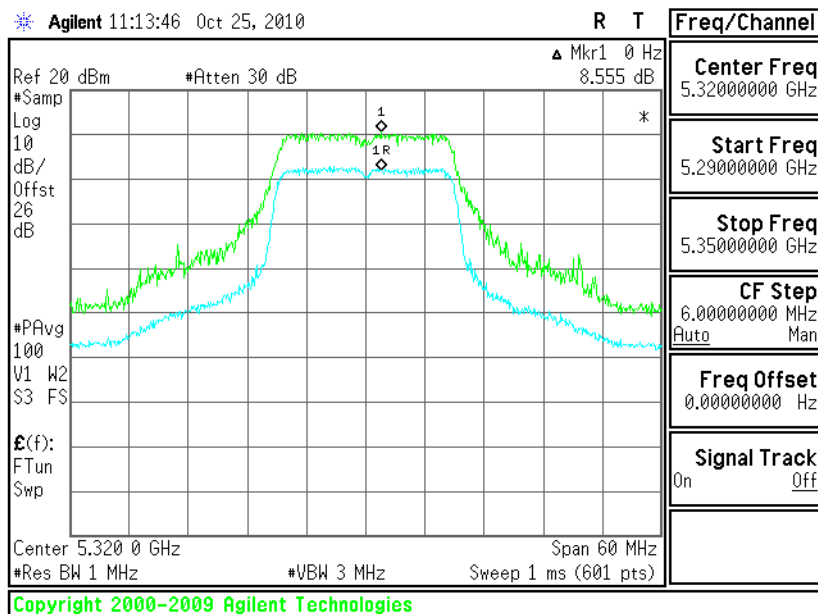
Chain 1





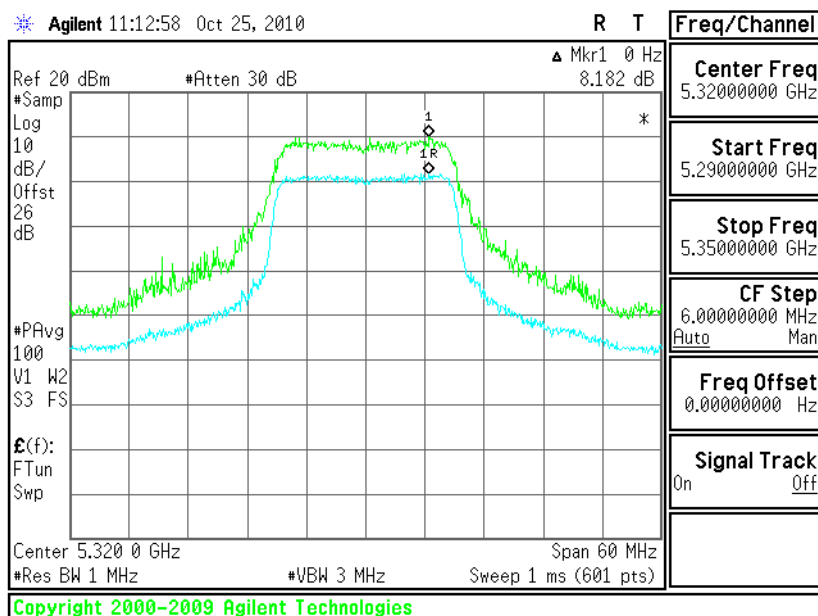
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

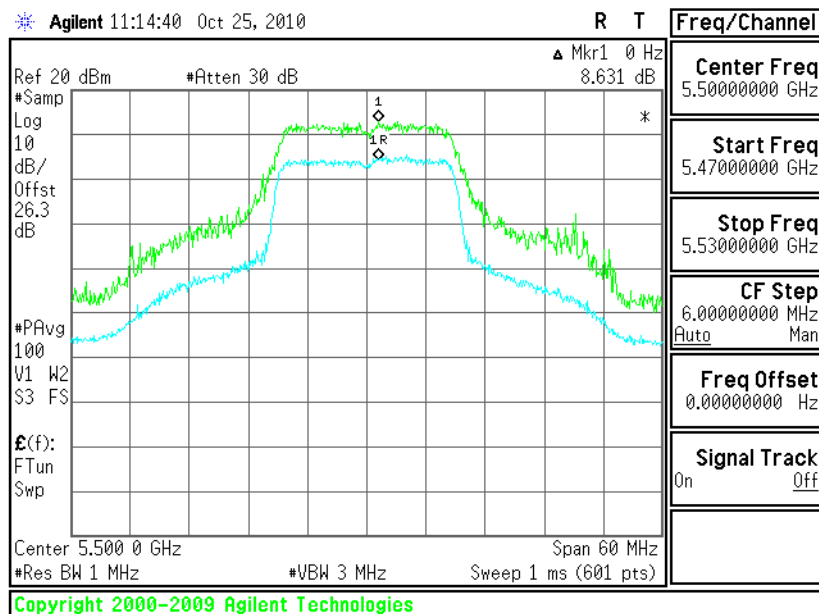
Chain 1





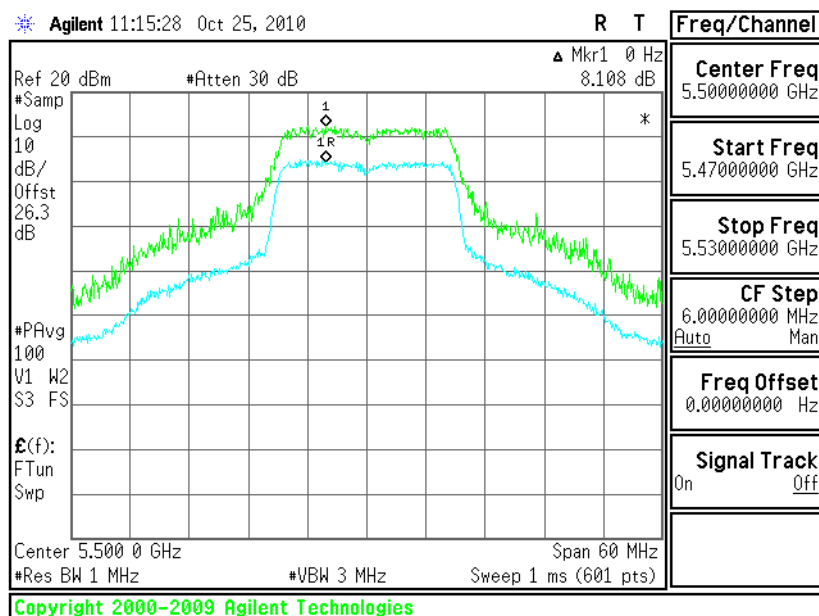
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

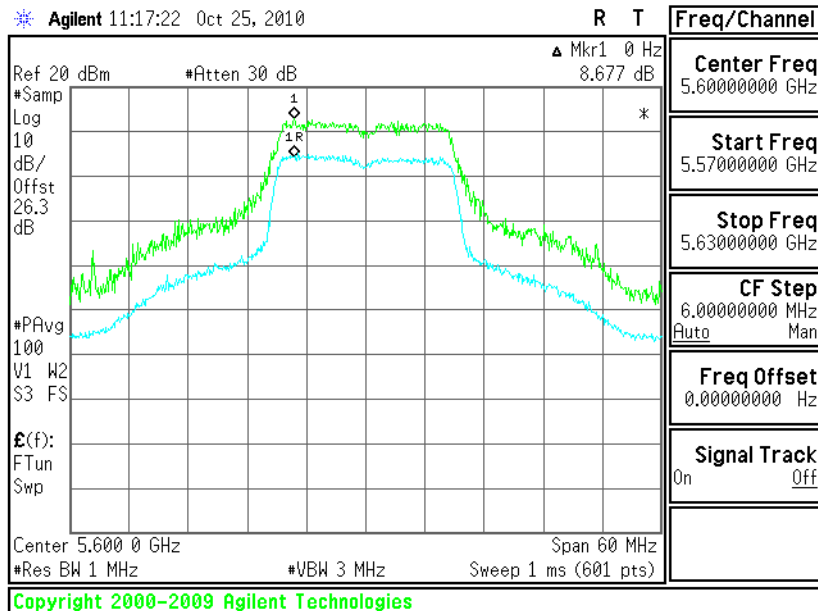
Chain 1





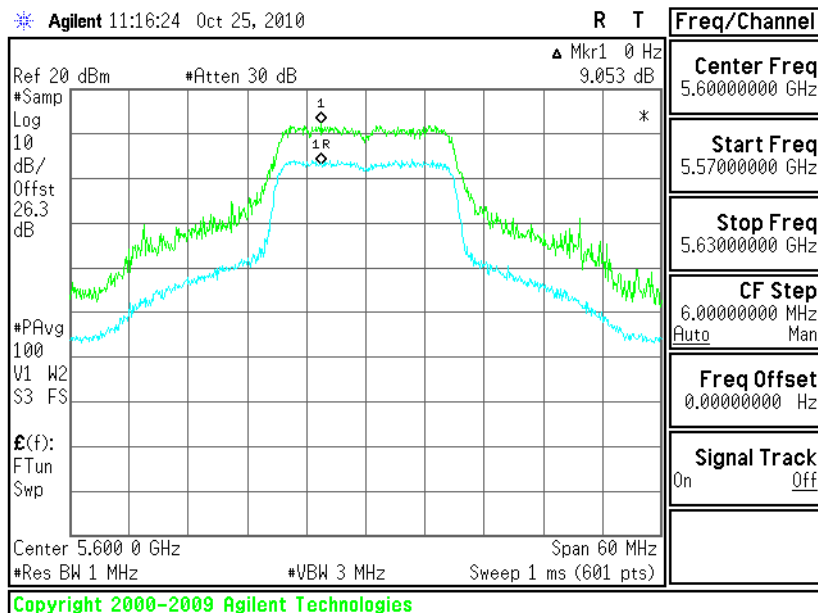
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

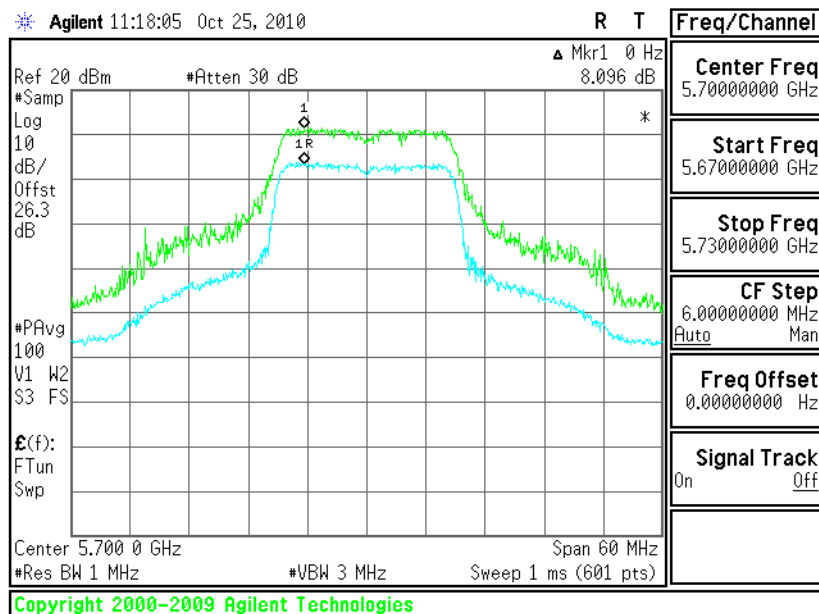
Chain 1





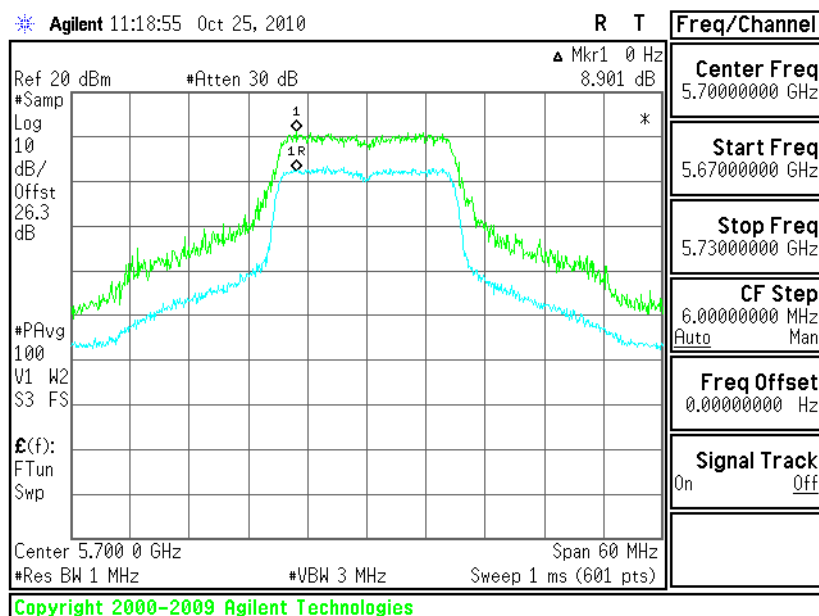
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

Chain 1

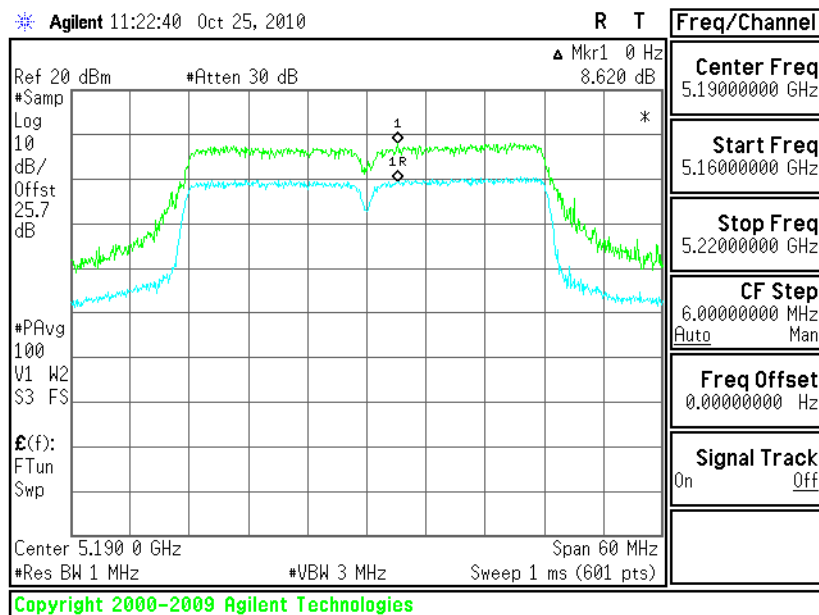




Test Mode :	802.11n (HT-40) L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

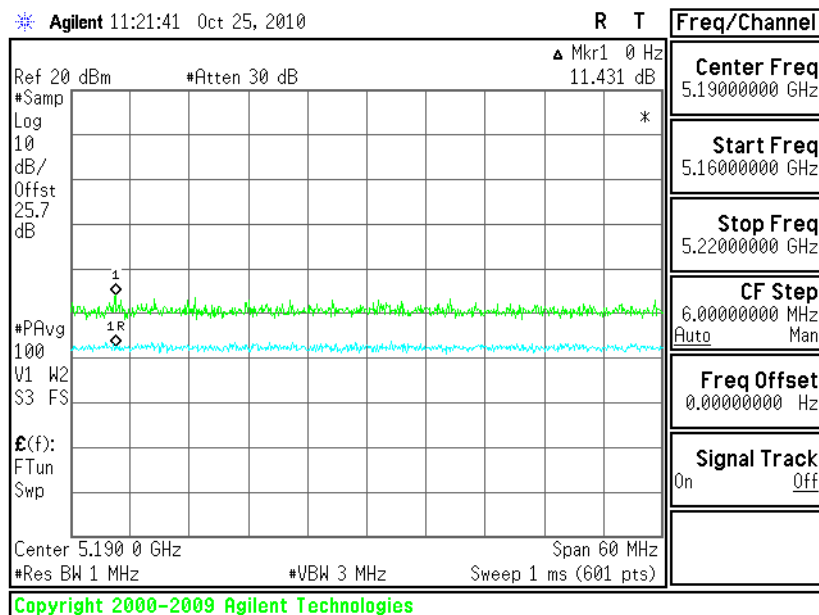
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

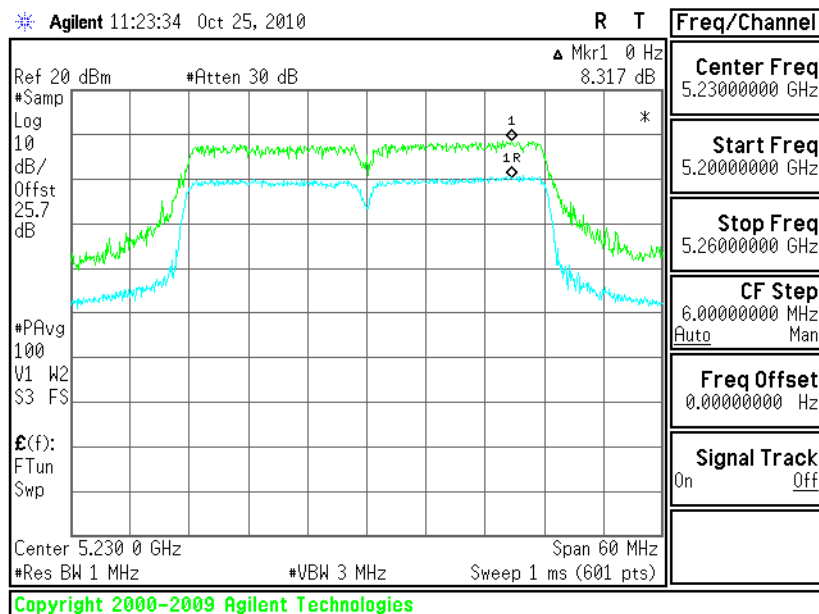
Chain 1





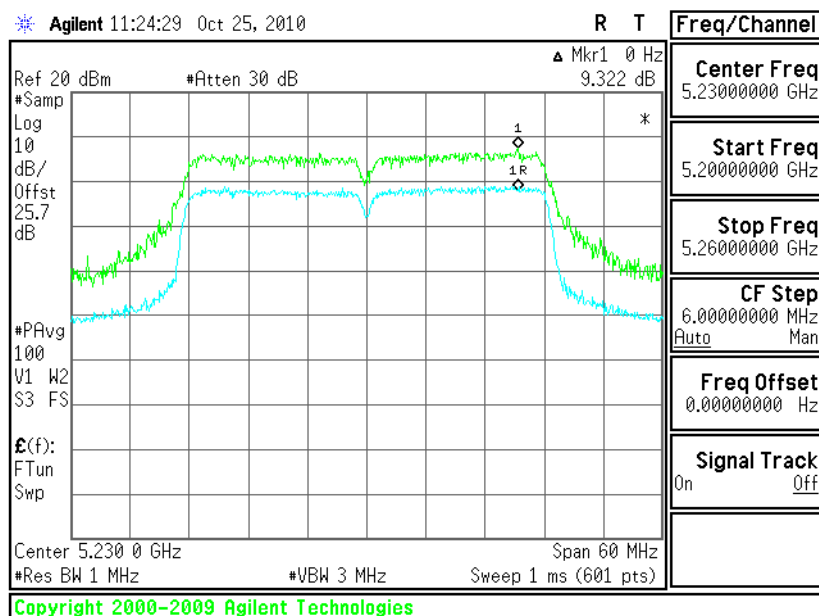
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

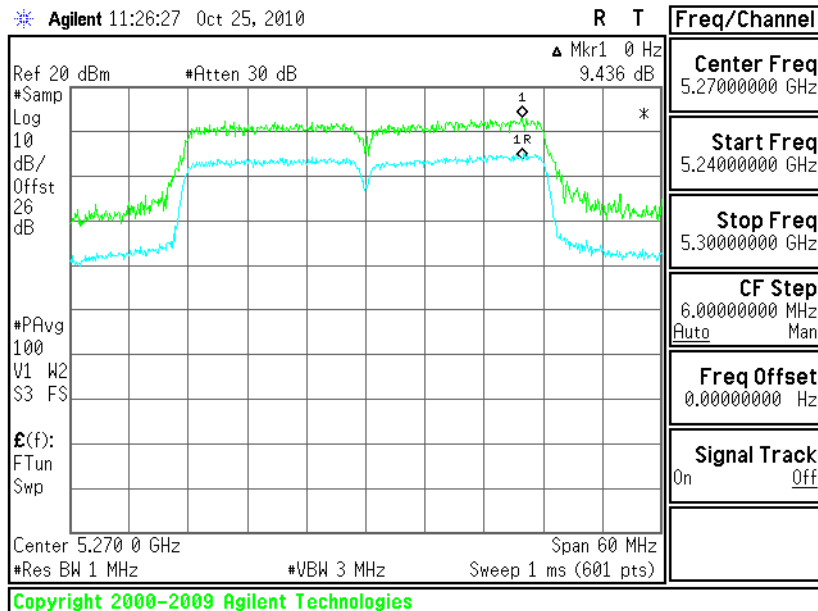
Chain 1





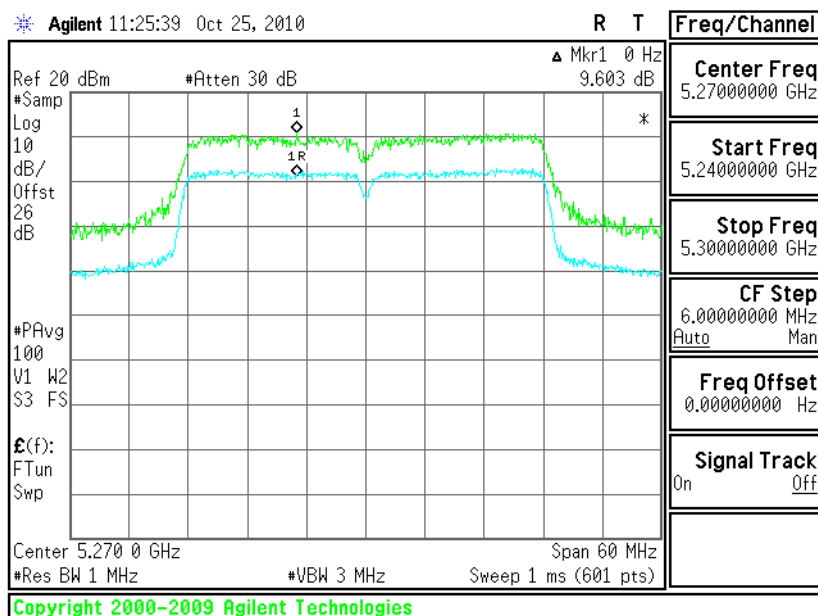
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

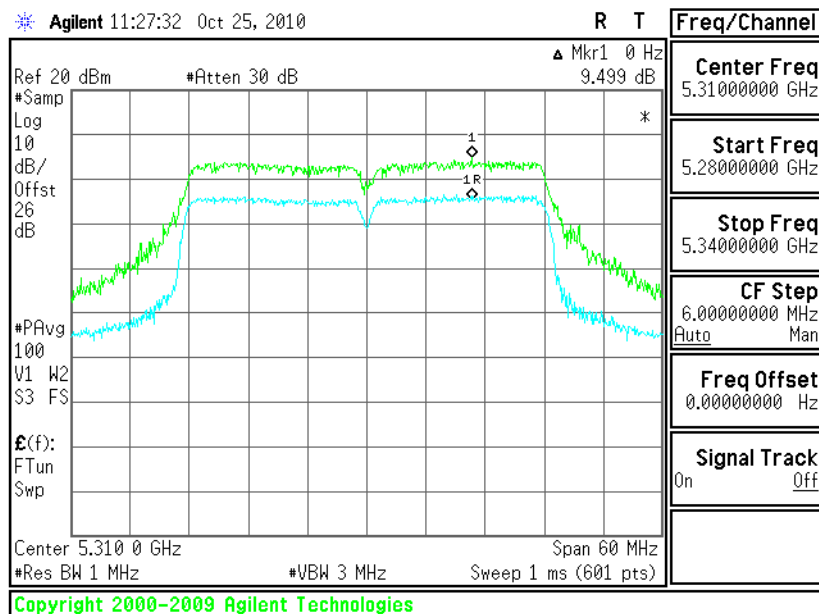
Chain 1





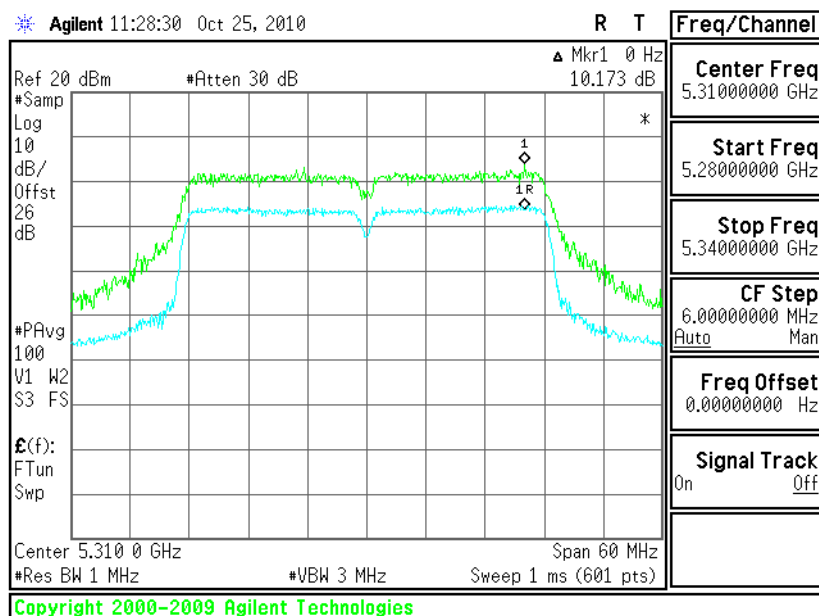
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

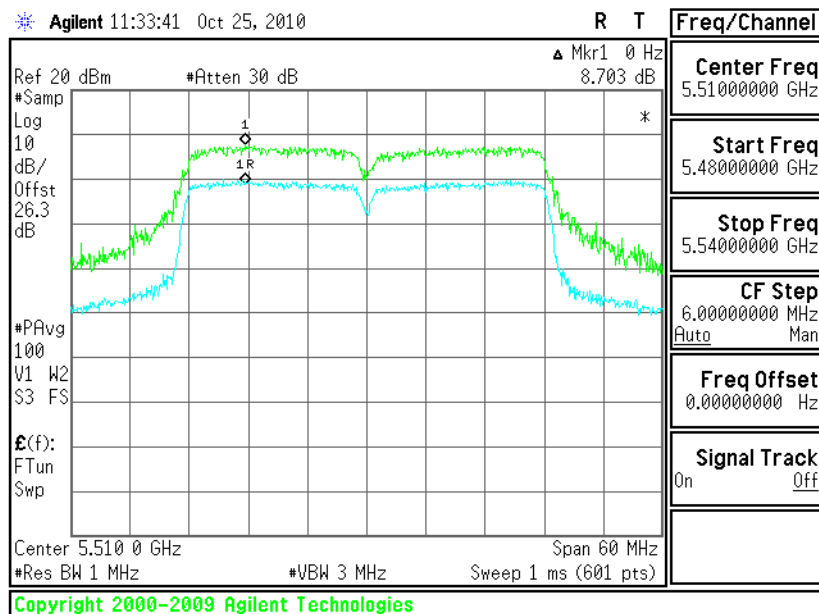
Chain 1





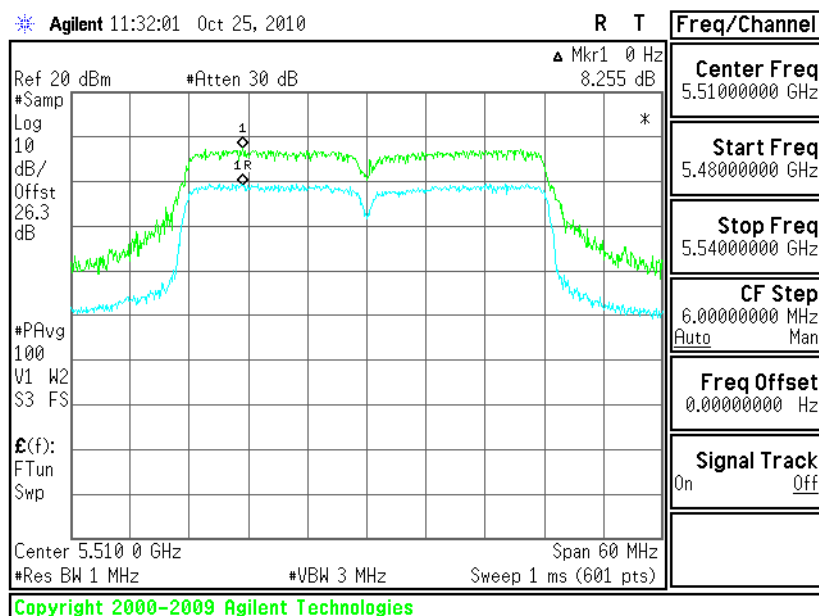
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

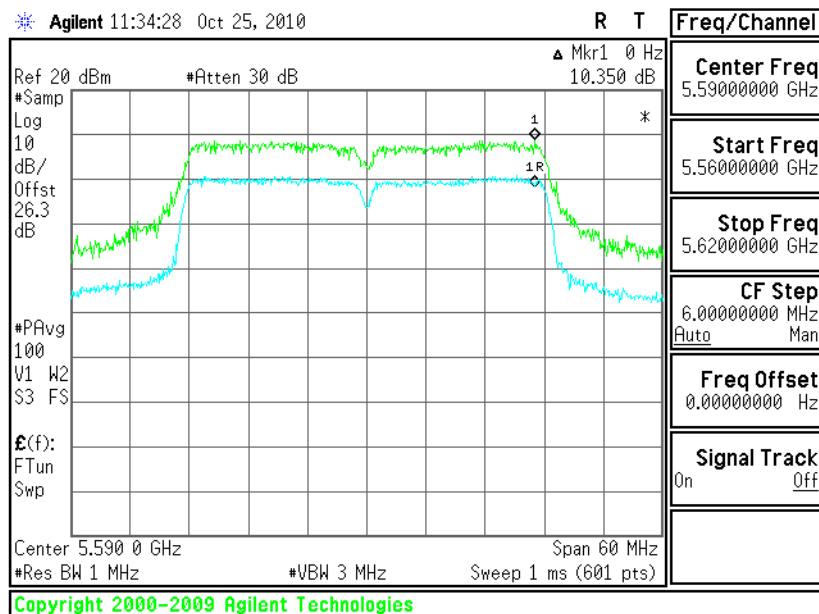
Chain 1





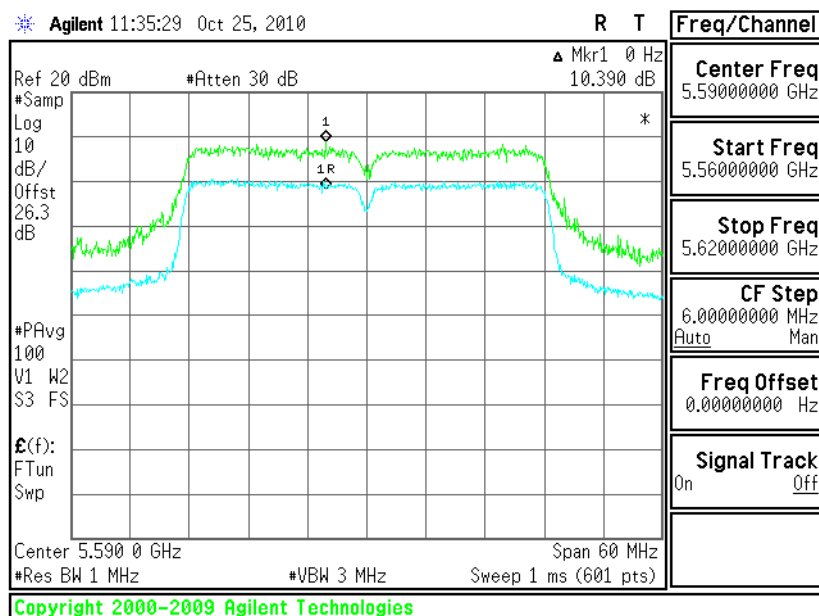
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

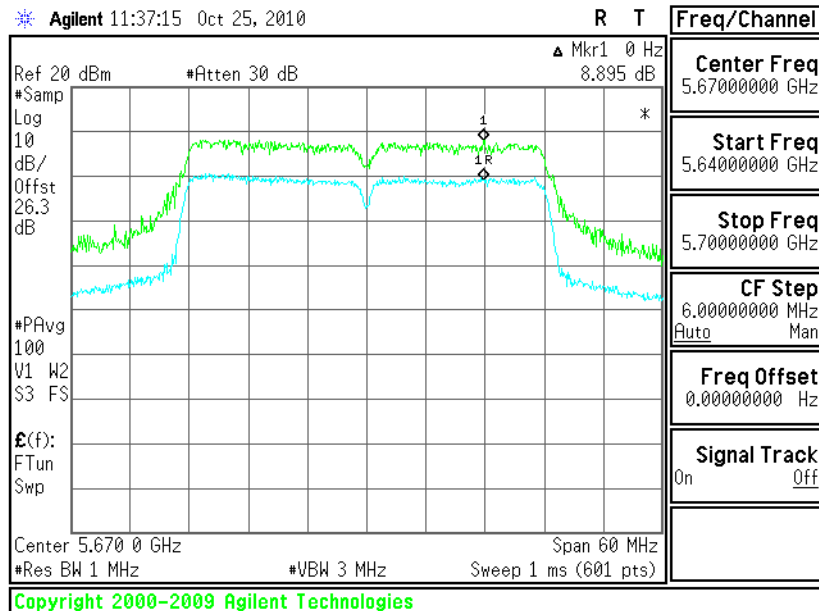
Chain 1





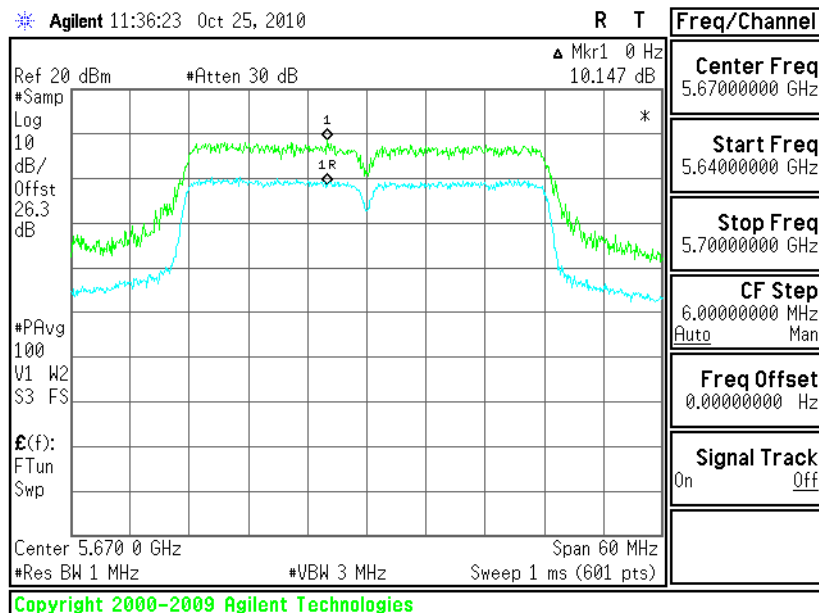
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

Chain 1



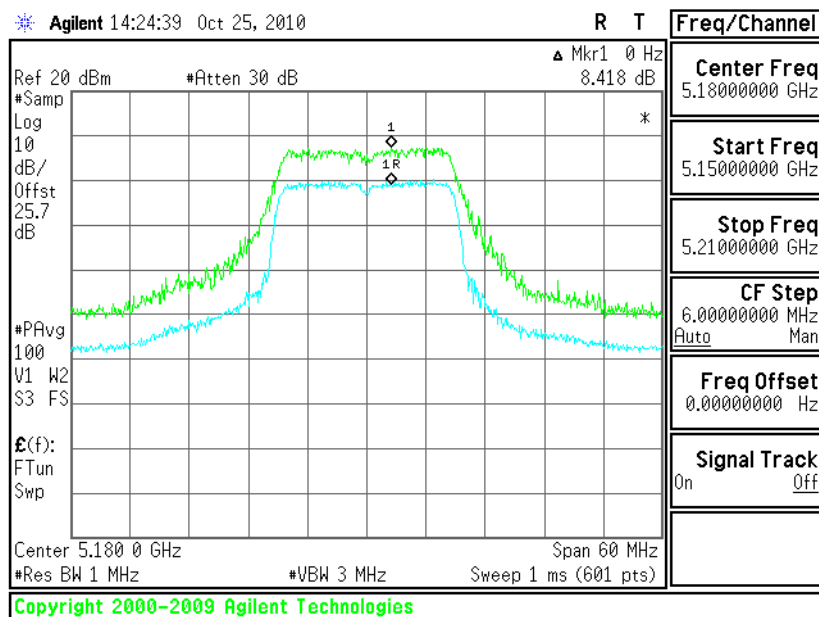


<Beam-Forming Off: 3x3>

Test Mode :	802.11n (HT-20) L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

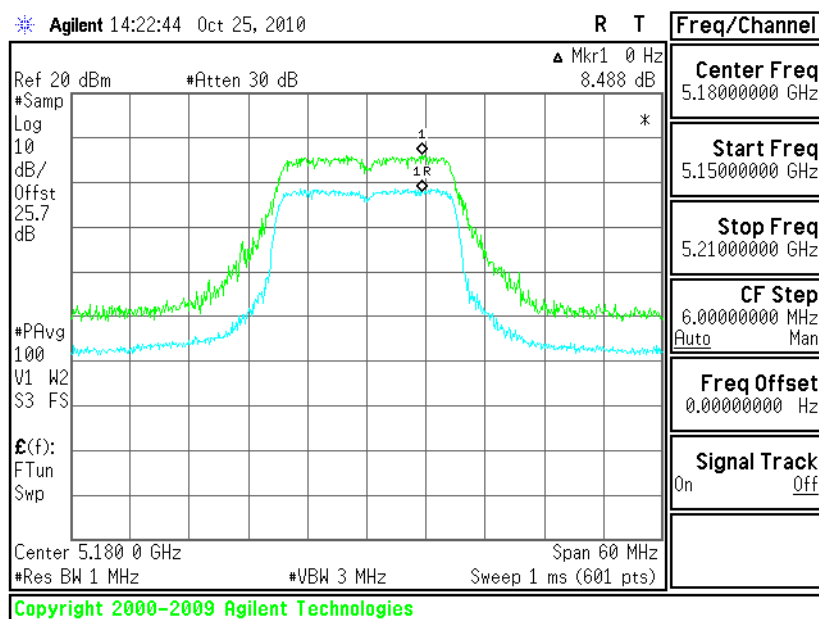
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

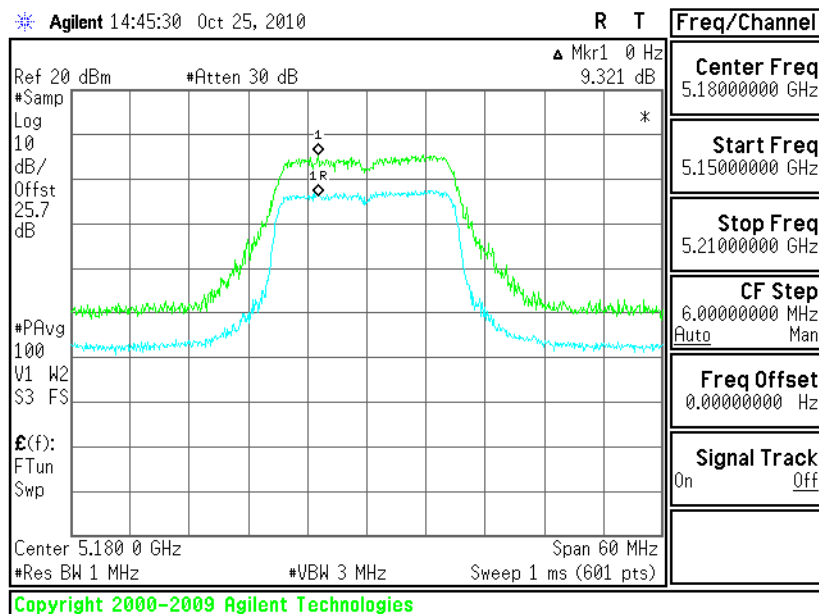
Chain 1





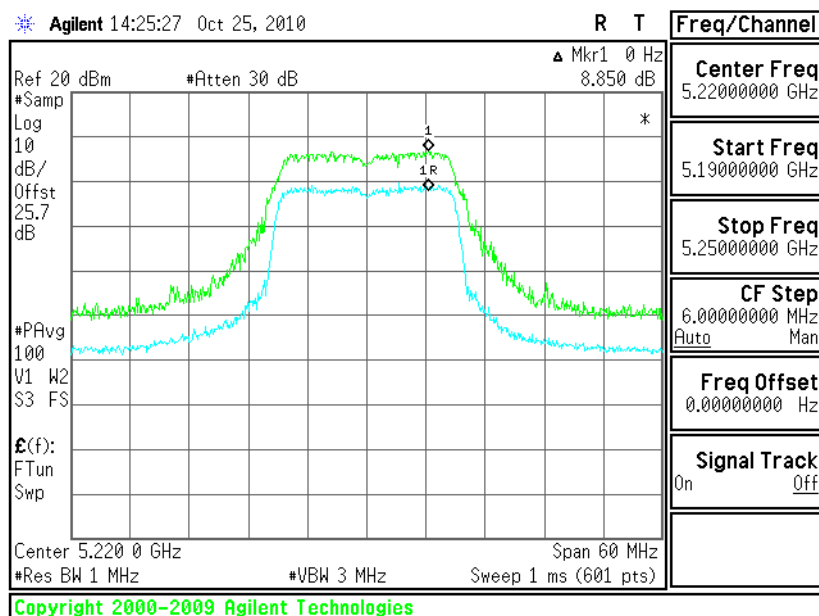
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

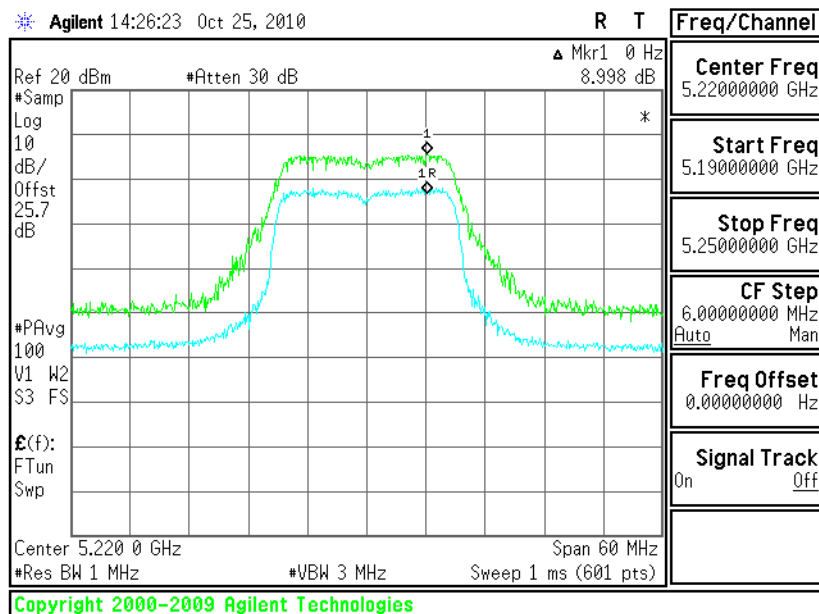
Chain 0





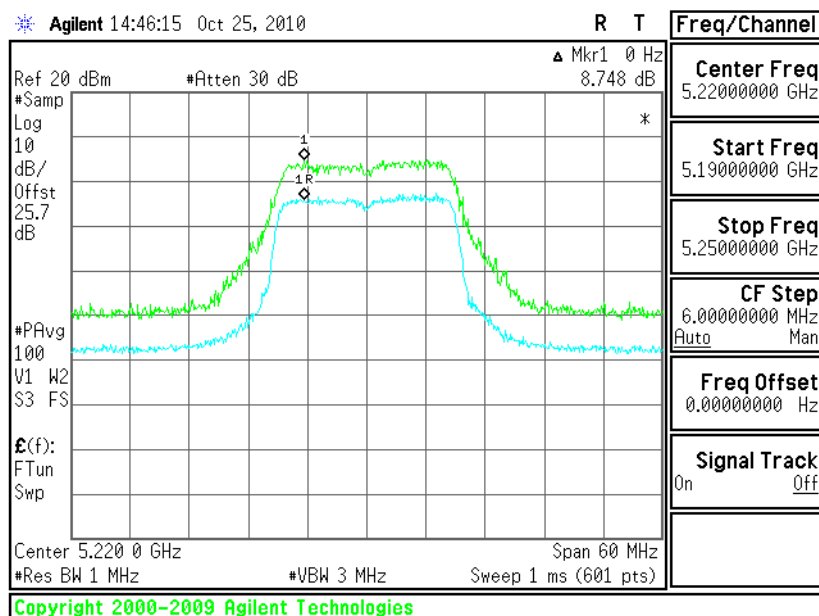
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

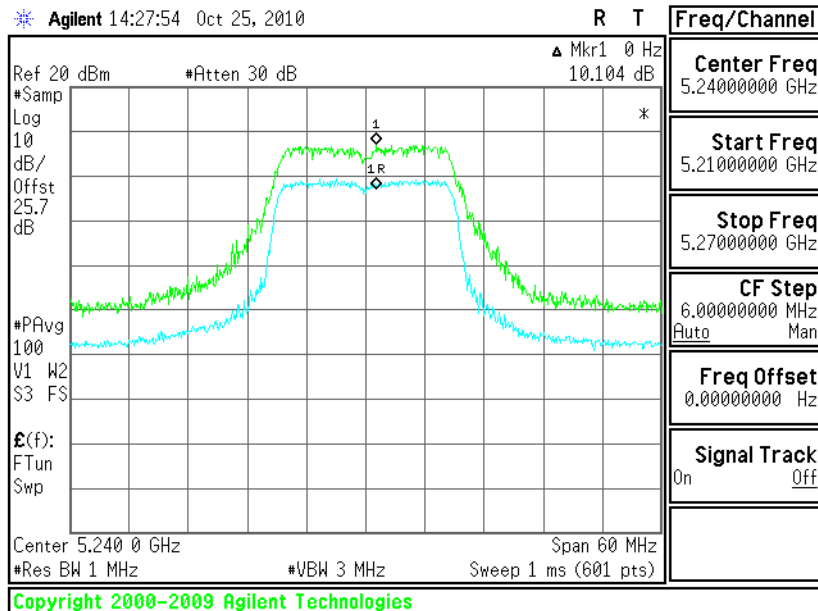
Chain 2





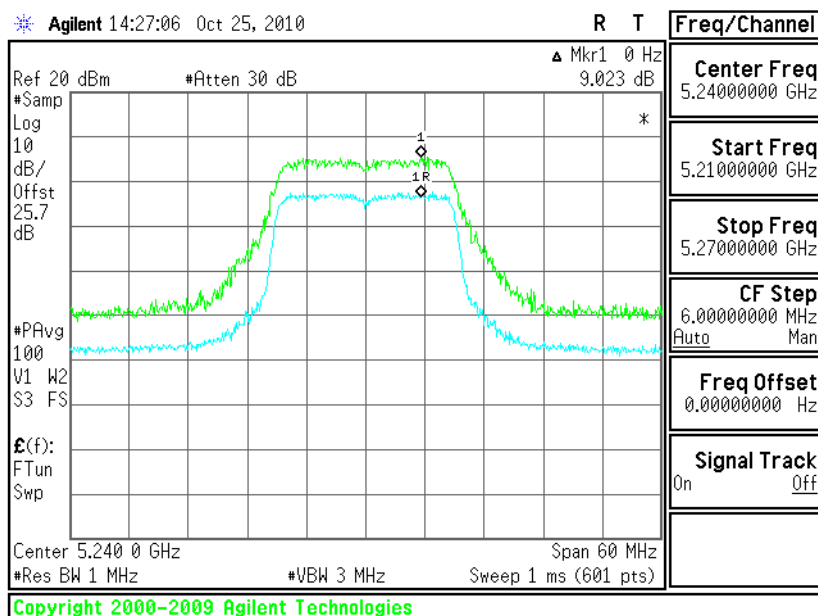
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

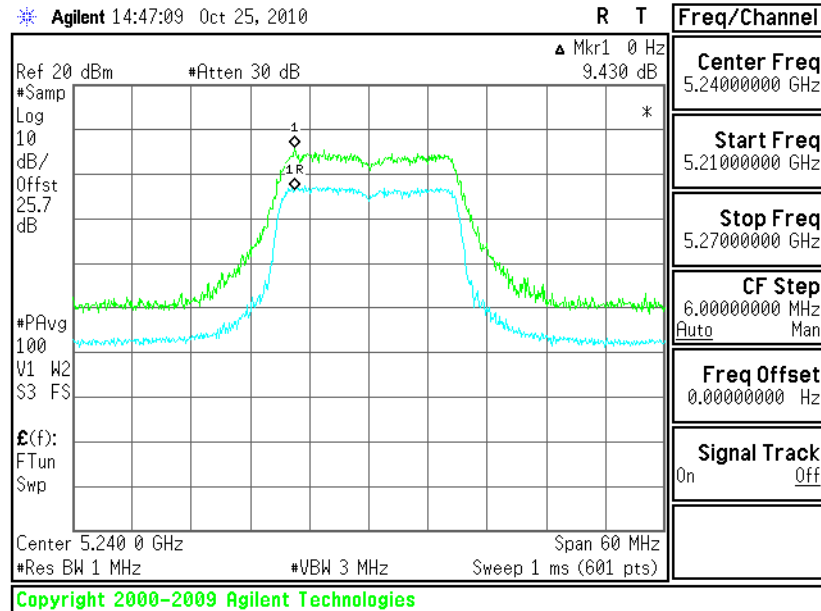
Chain 1





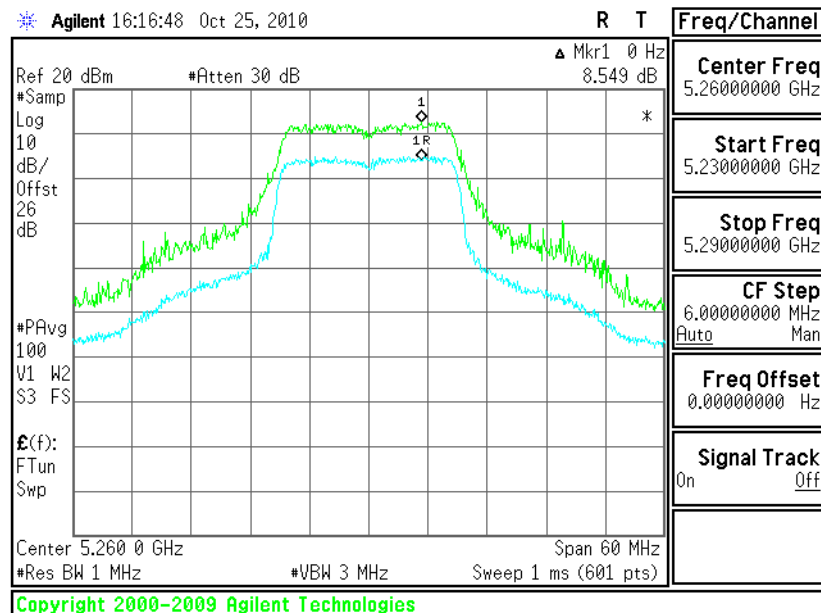
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

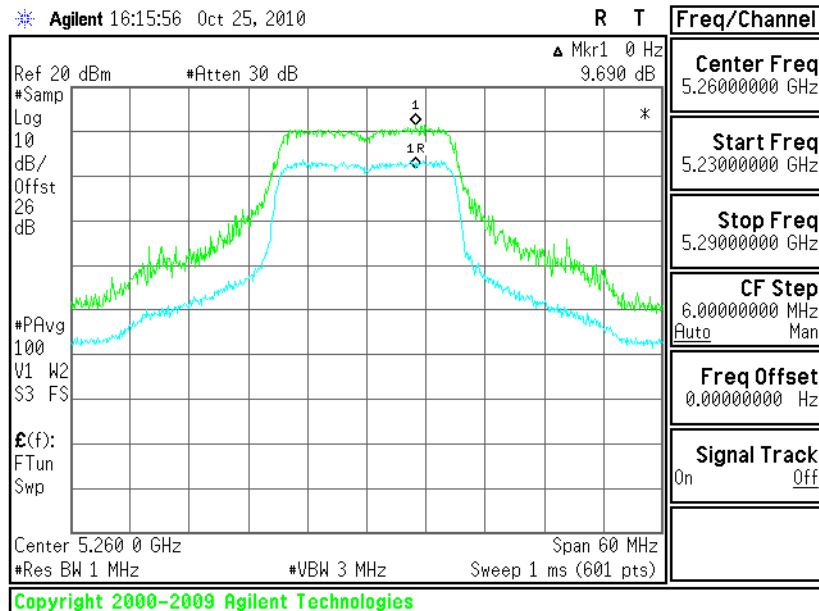
Chain 0





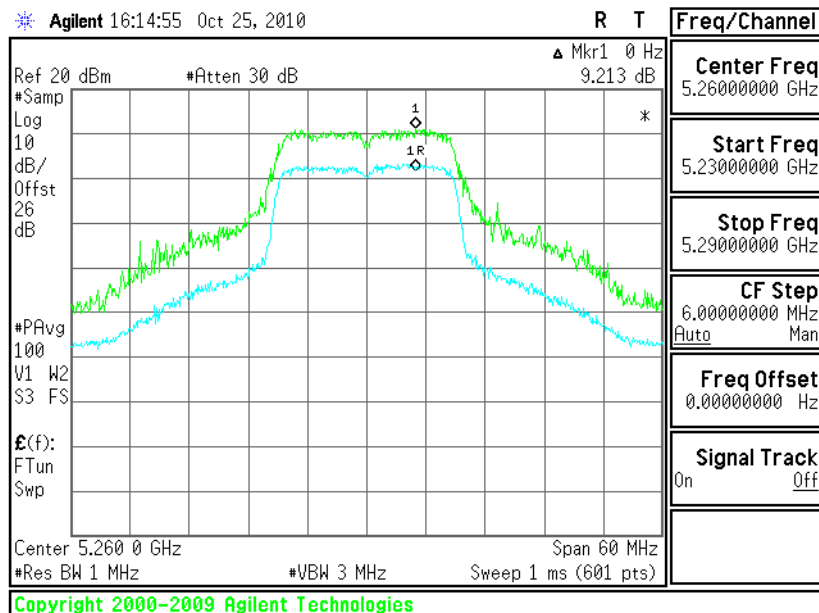
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

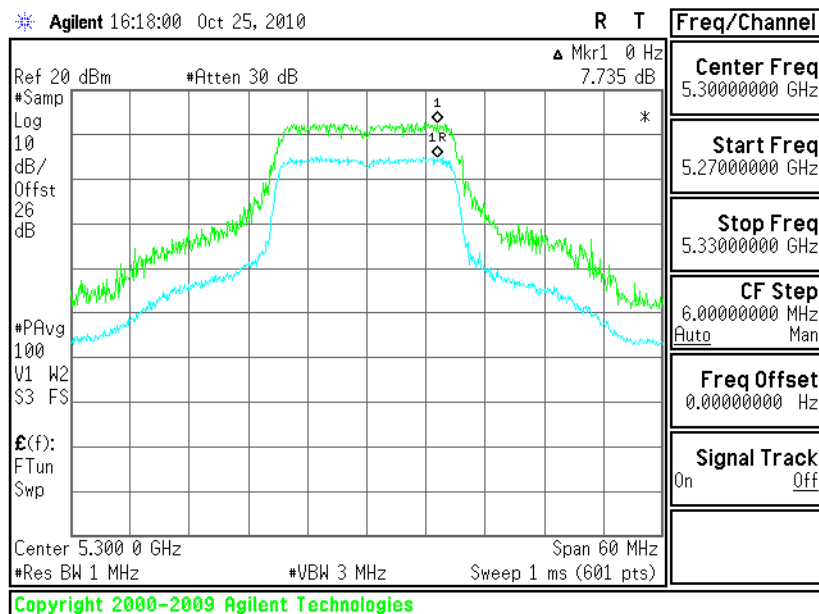
Chain 2





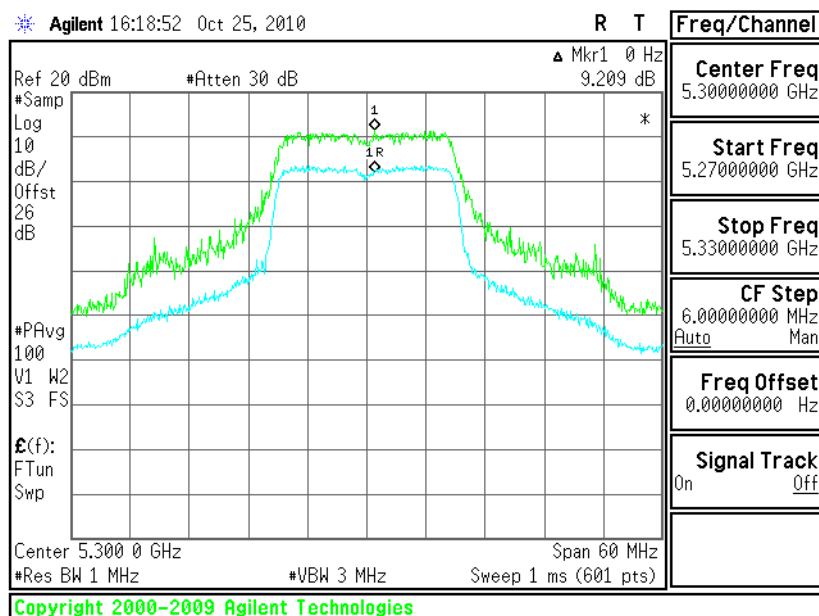
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

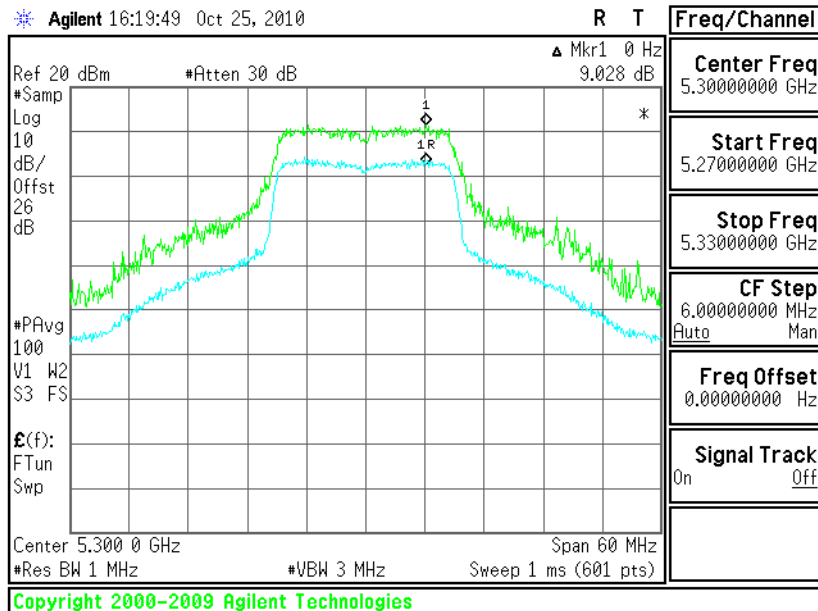
Chain 1





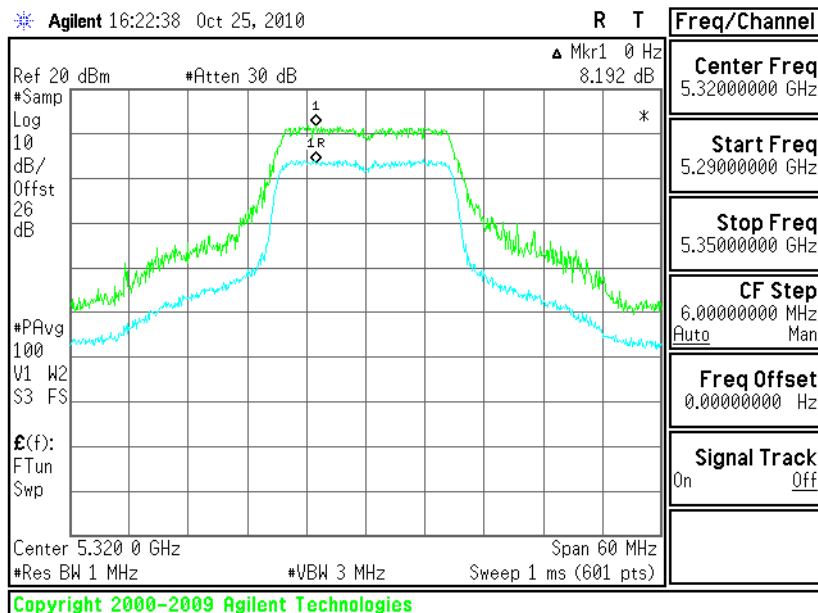
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

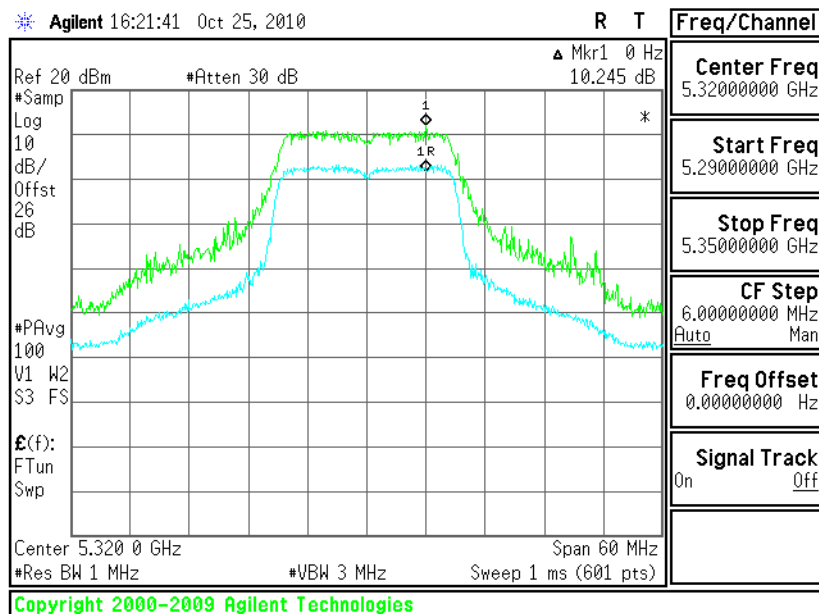
Chain 0





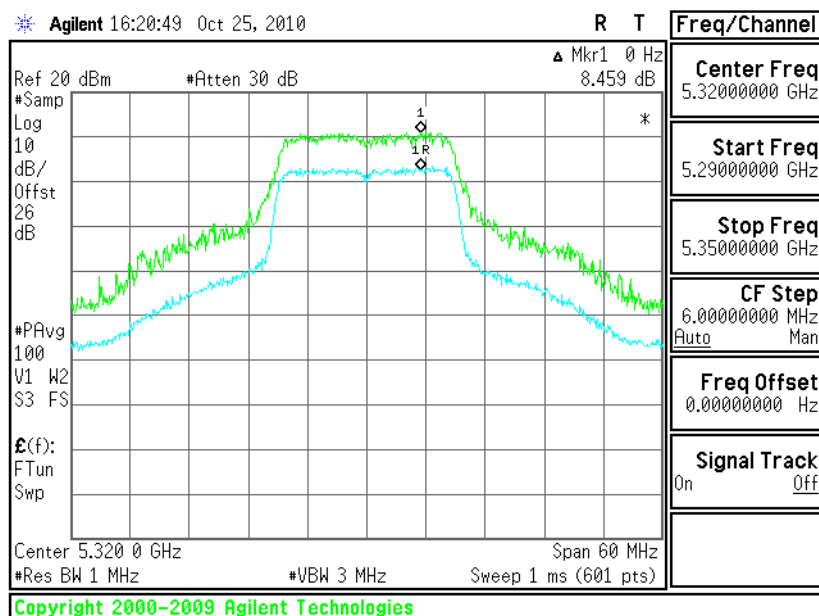
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

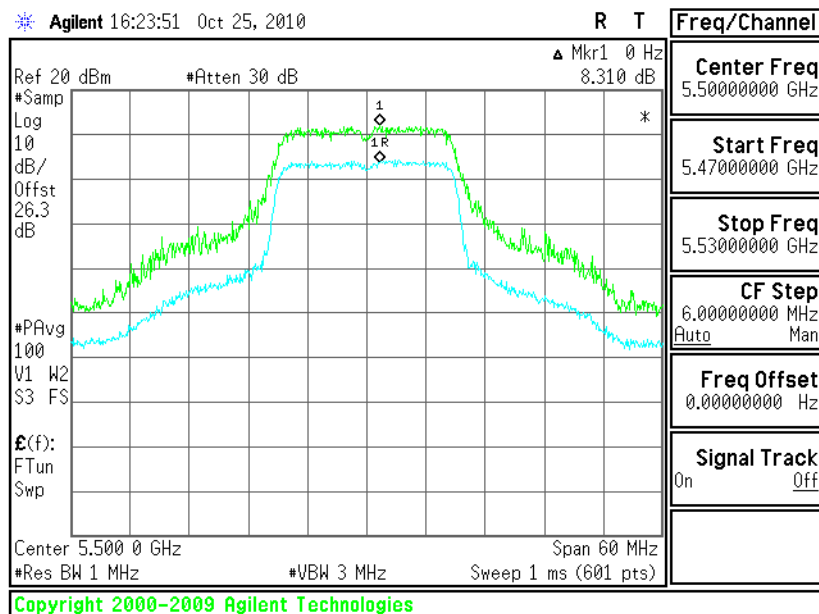
Chain 2





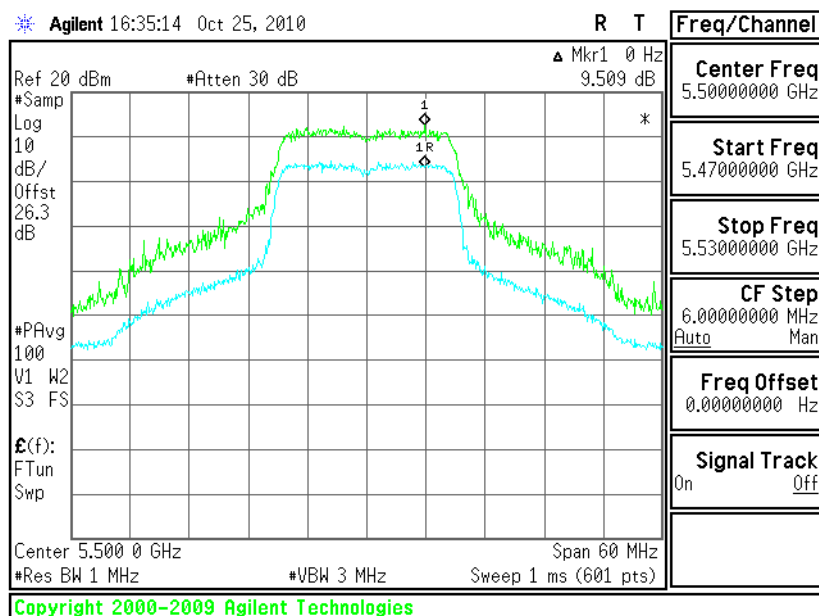
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

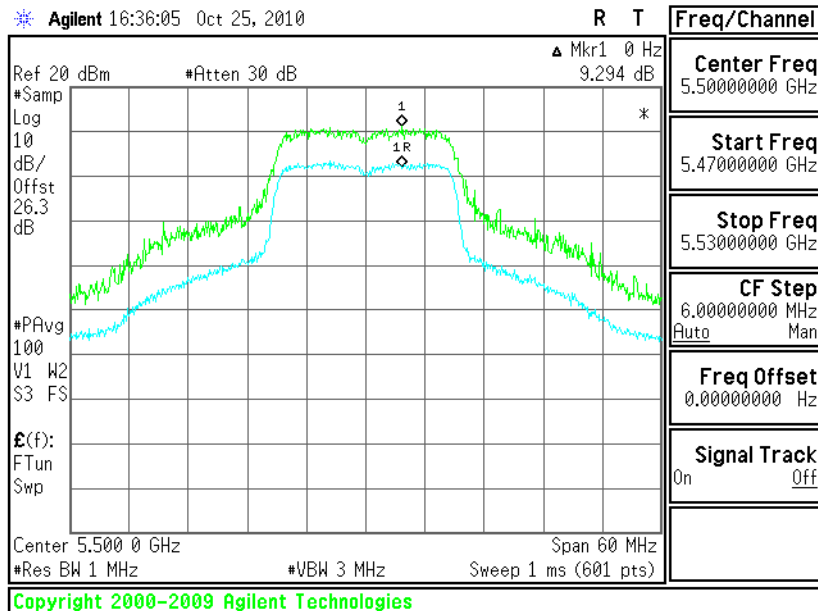
Chain 1





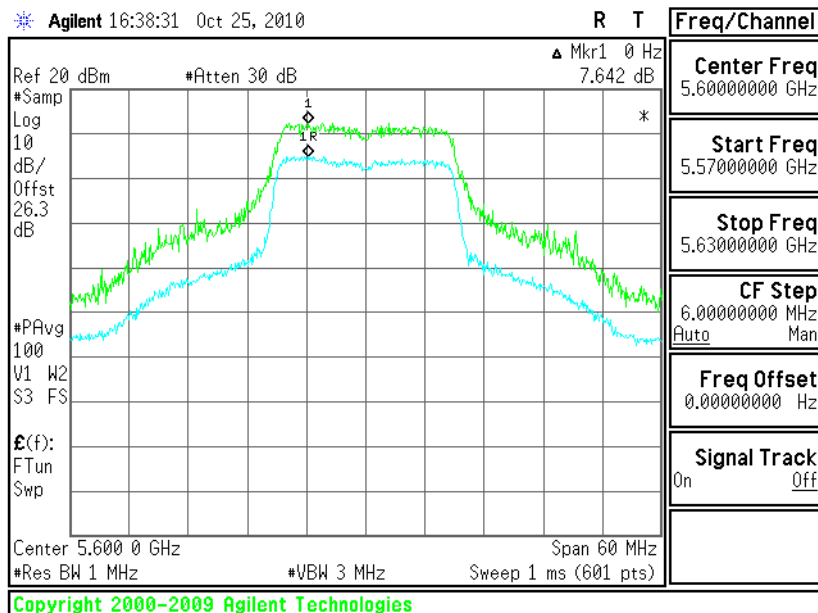
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

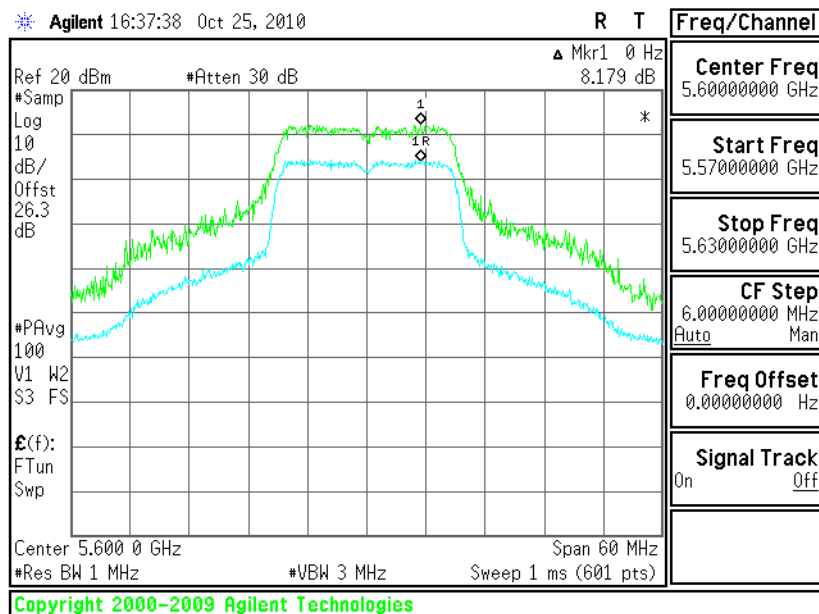
Chain 0





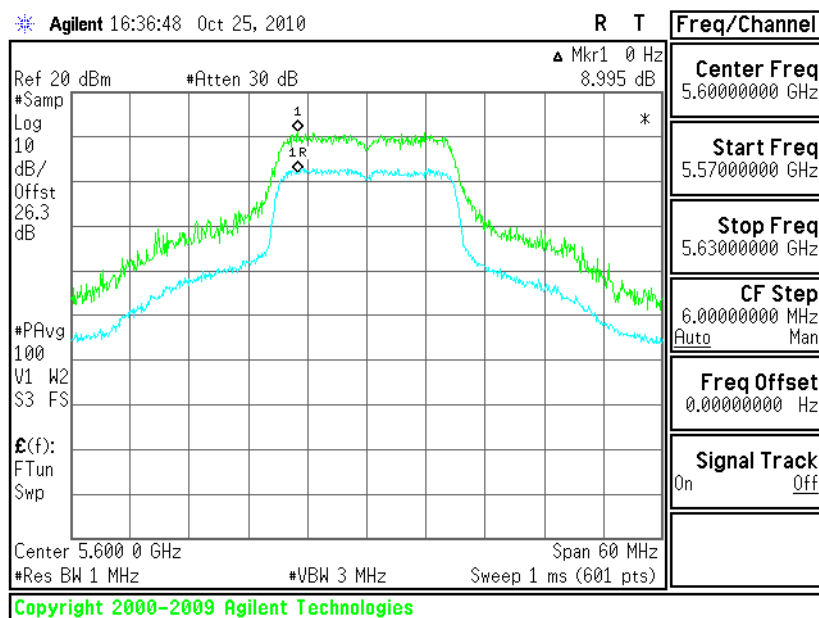
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

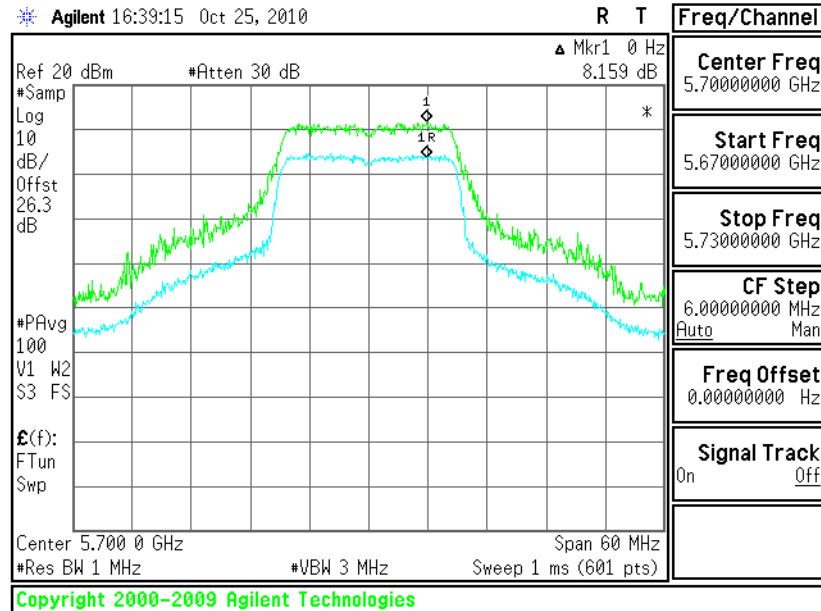
Chain 2





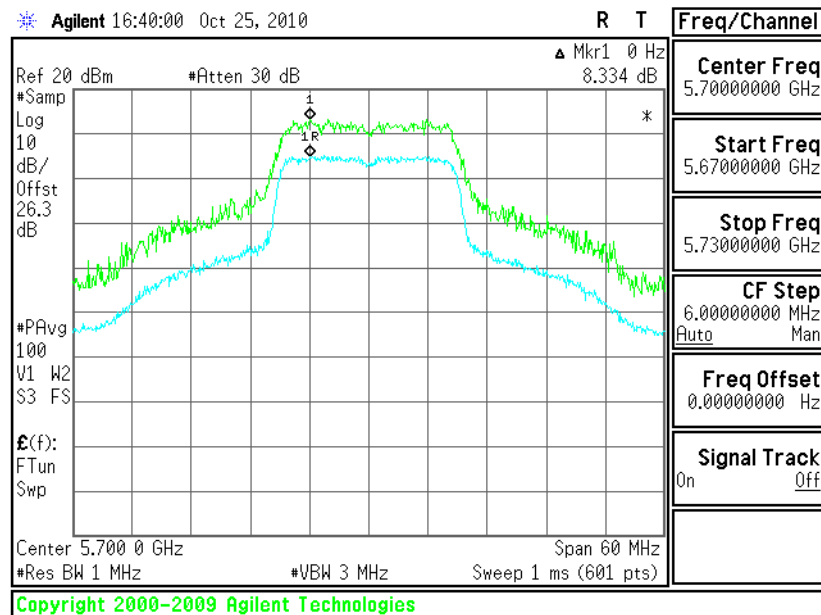
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

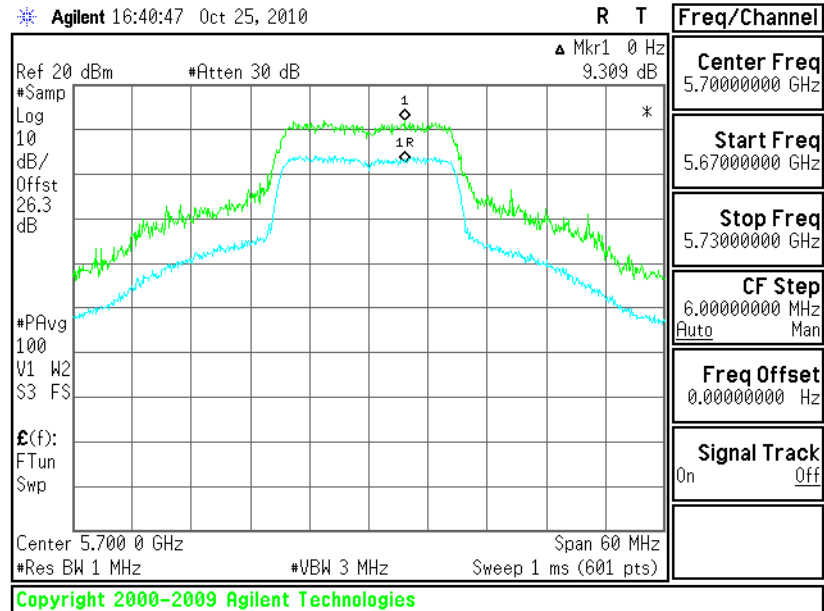
Chain 1





Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

Chain 2

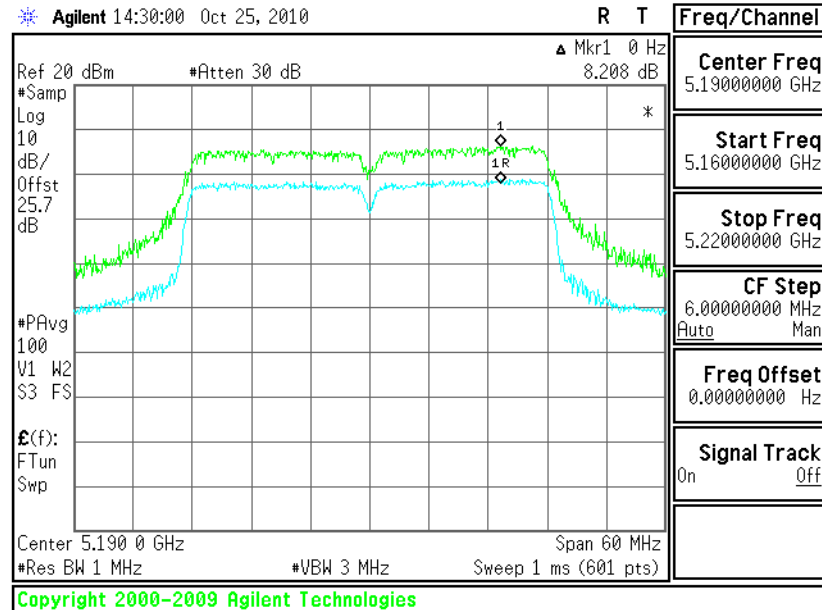




Test Mode :	802.11n (HT-40) L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

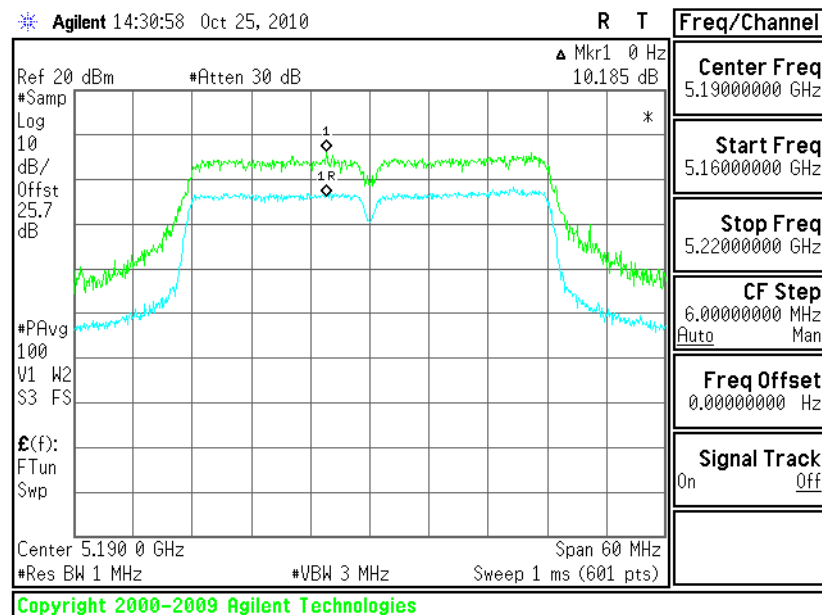
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

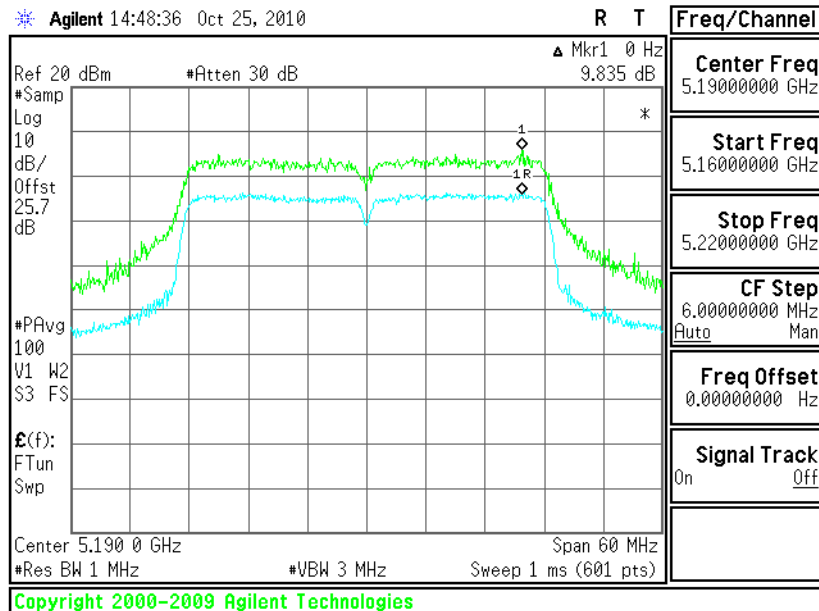
Chain 1





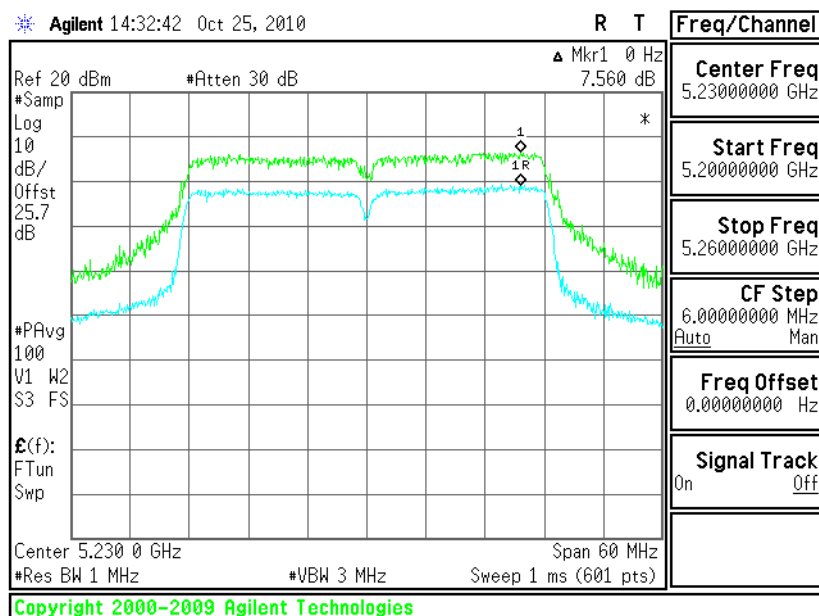
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

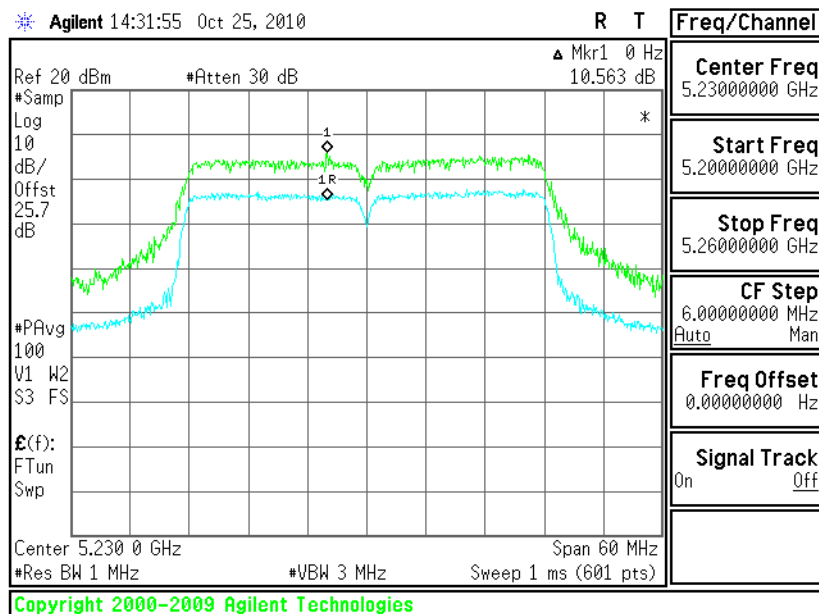
Chain 0





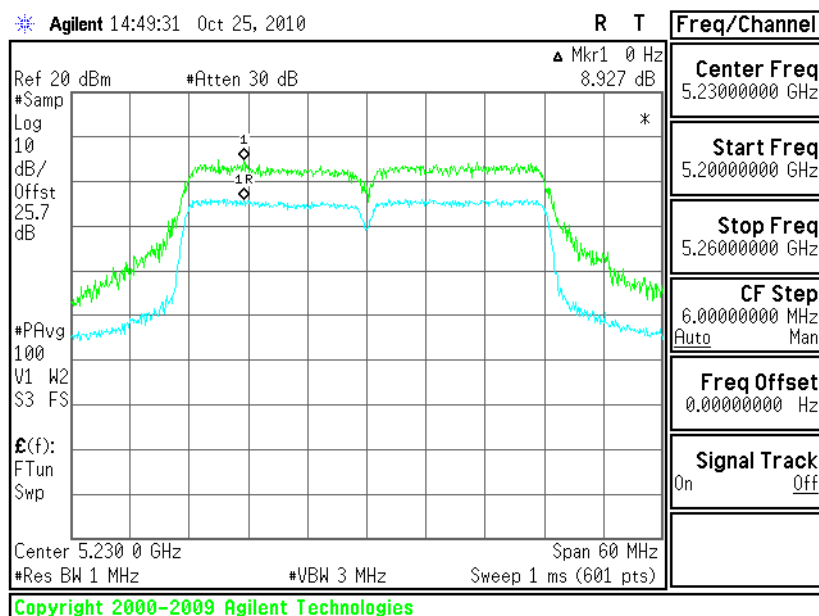
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

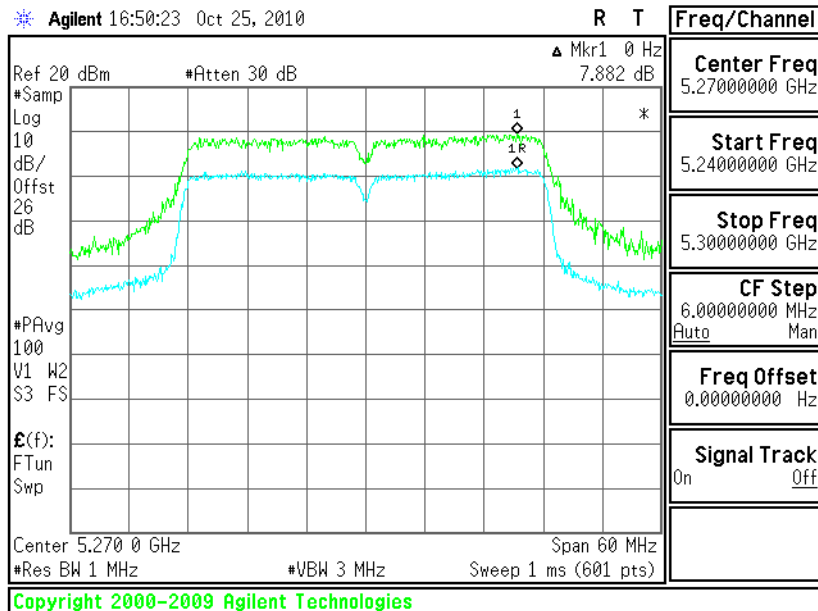
Chain 2





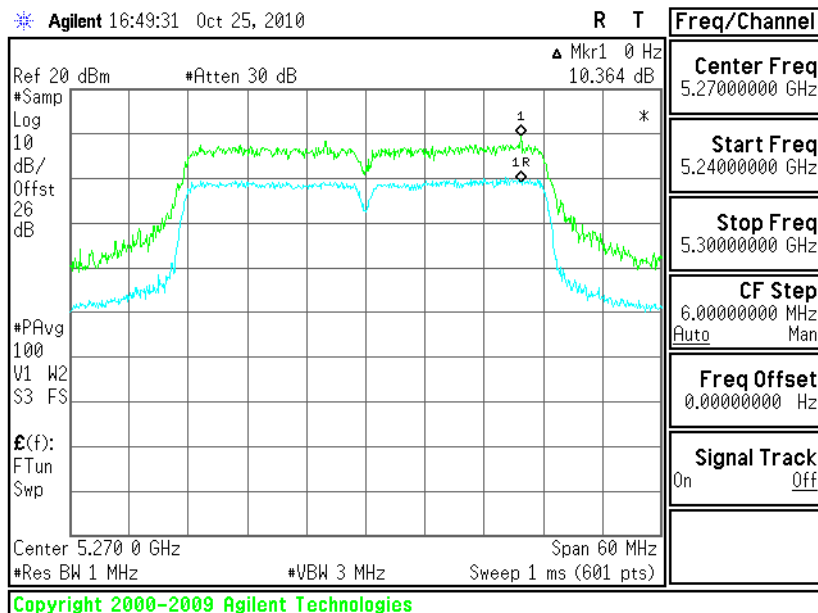
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

Chain 0



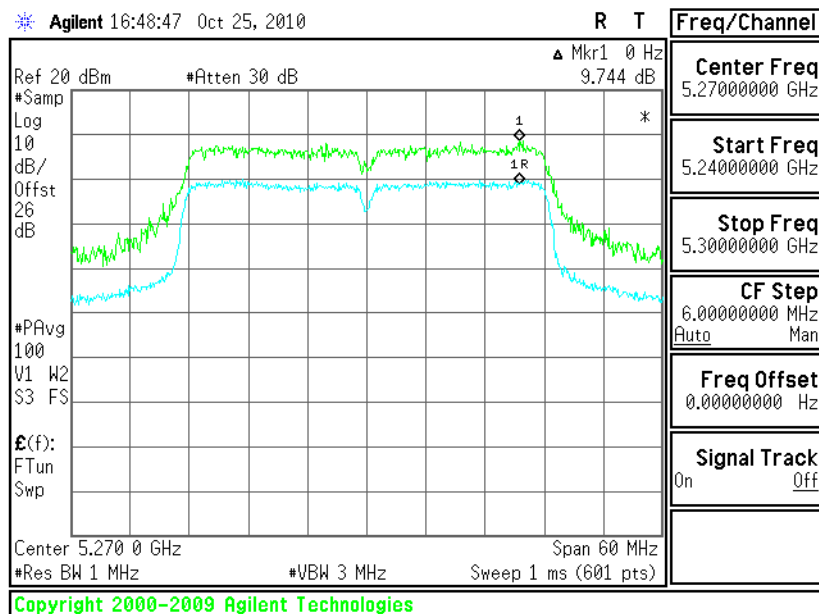
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

Chain 1



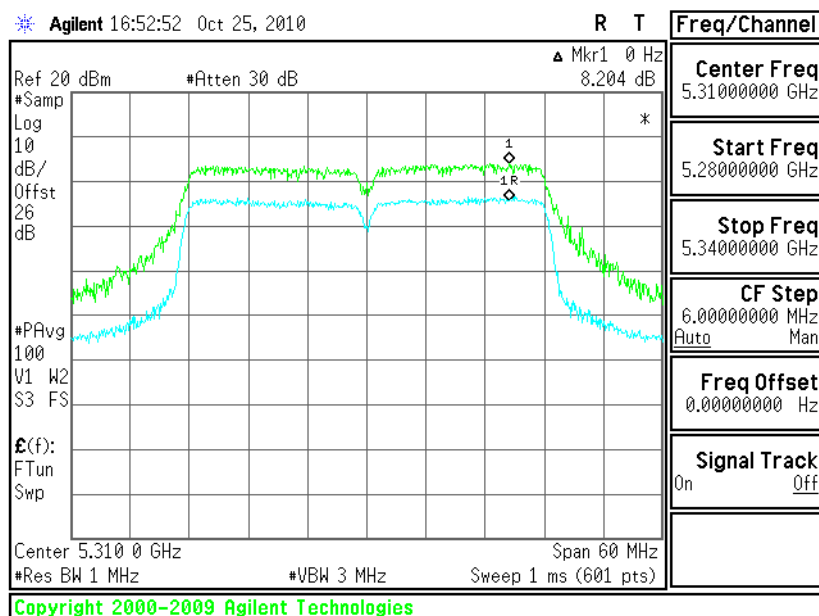
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

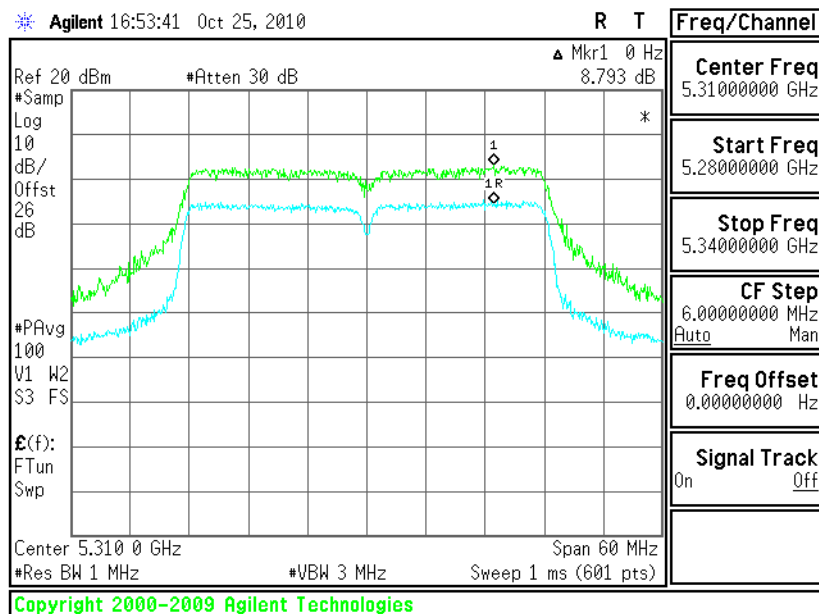
Chain 0





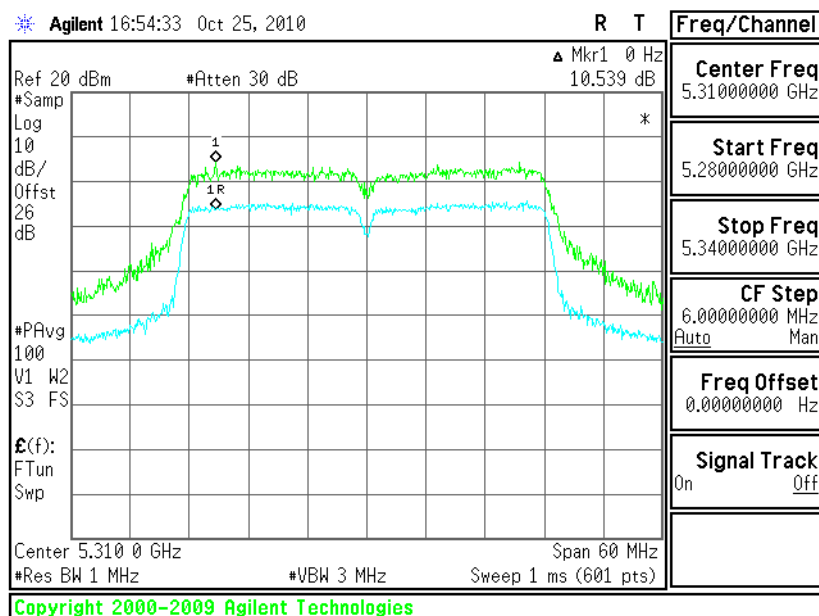
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

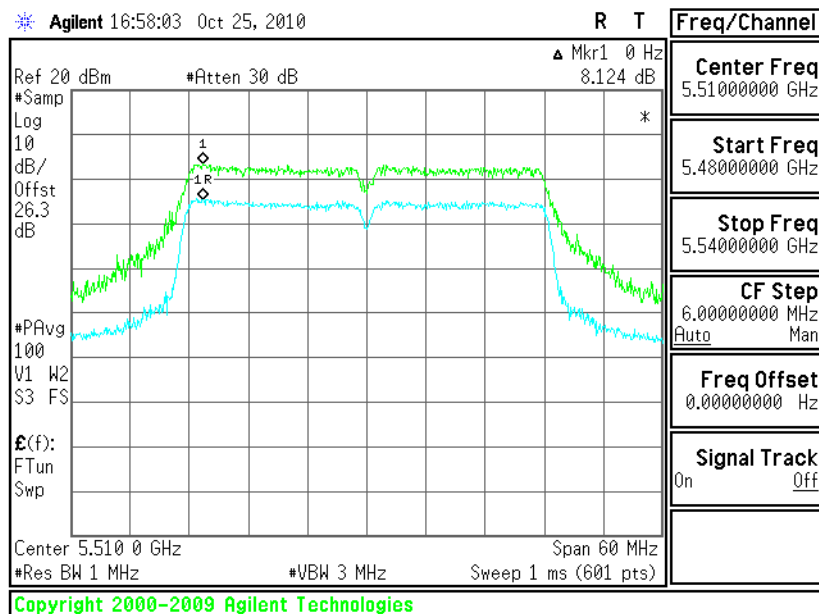
Chain 2





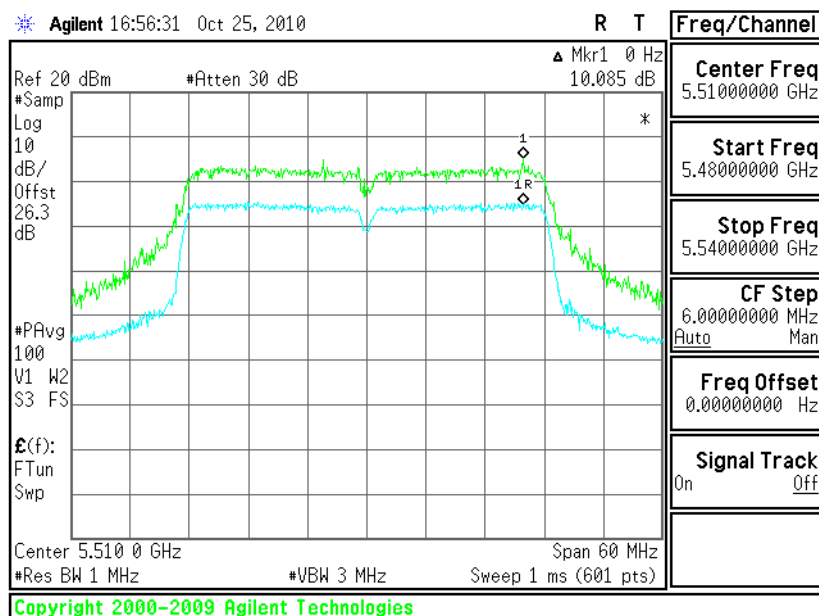
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

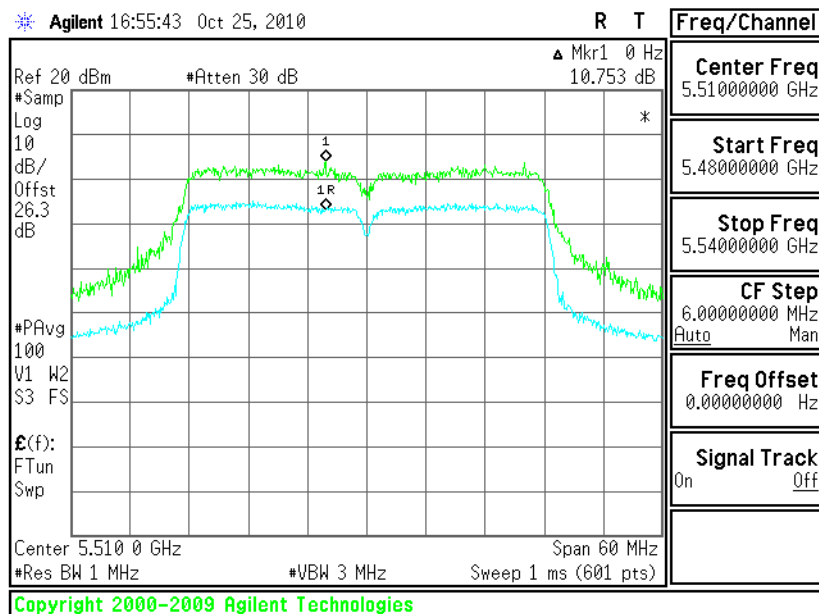
Chain 1





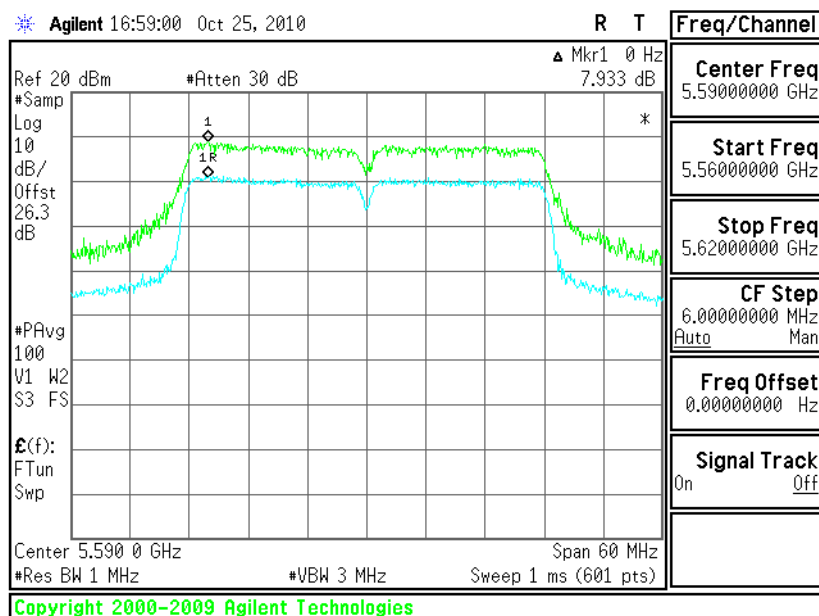
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

Chain 2



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

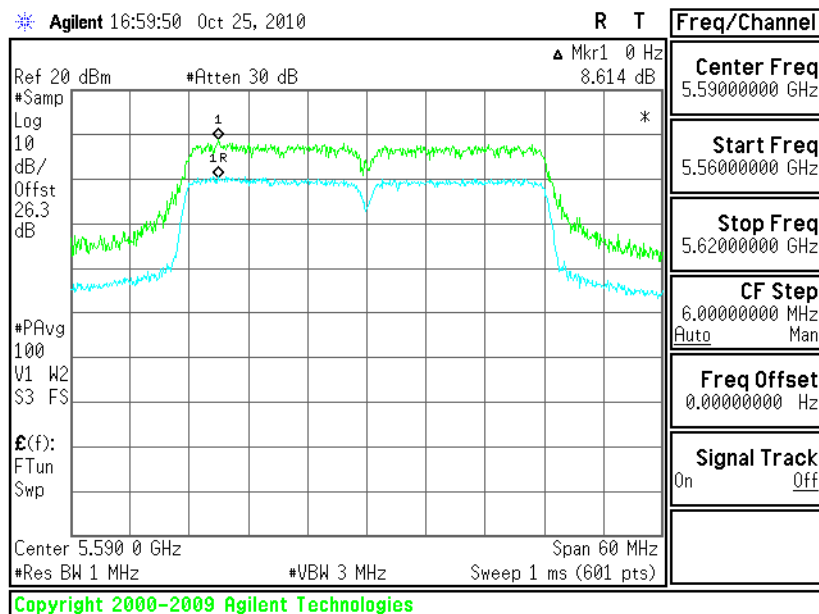
Chain 0





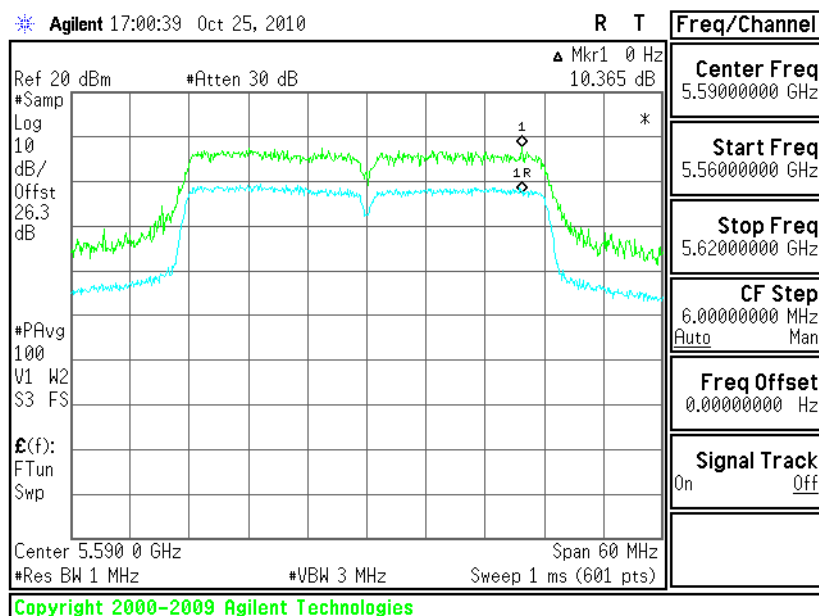
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

Chain 1



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

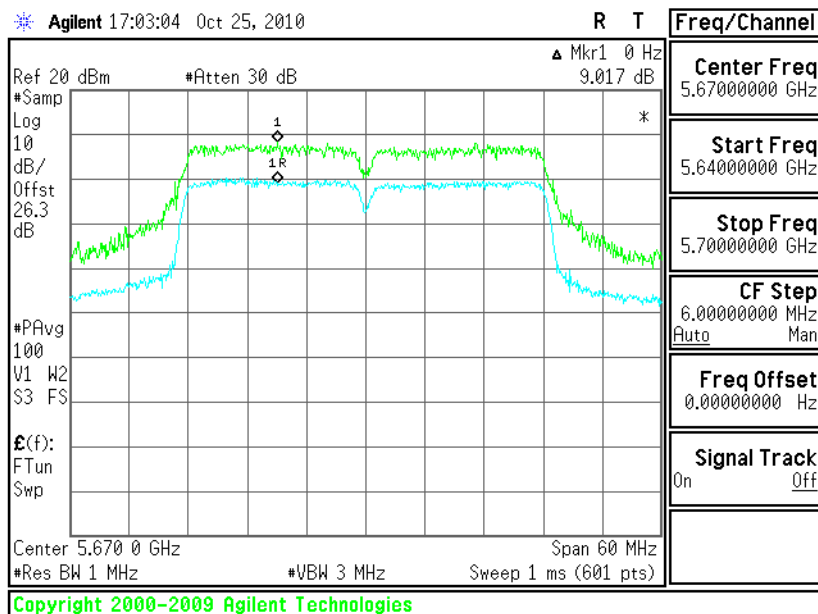
Chain 2





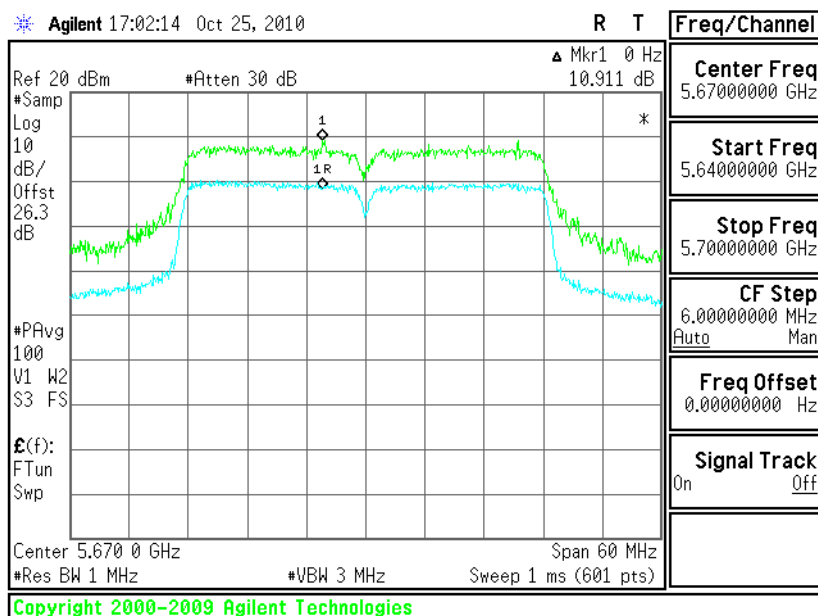
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

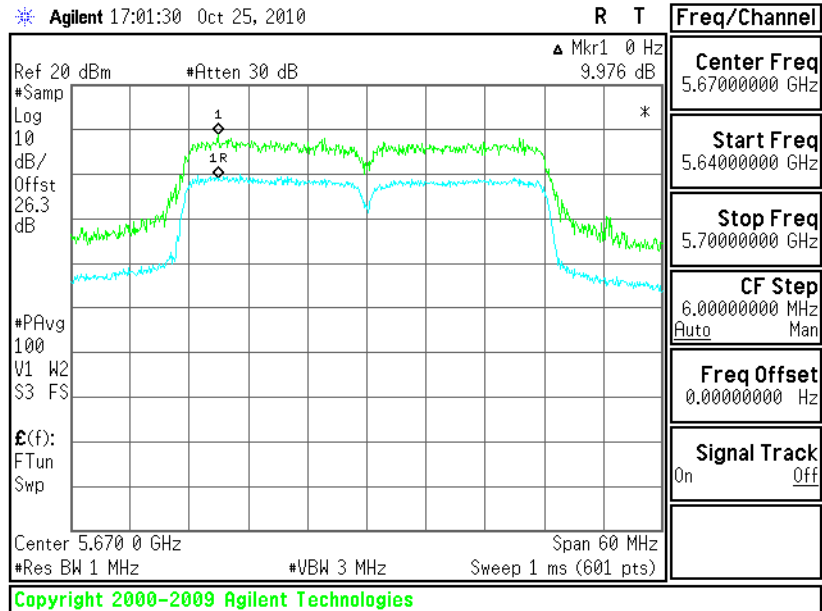
Chain 1





Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

Chain 2



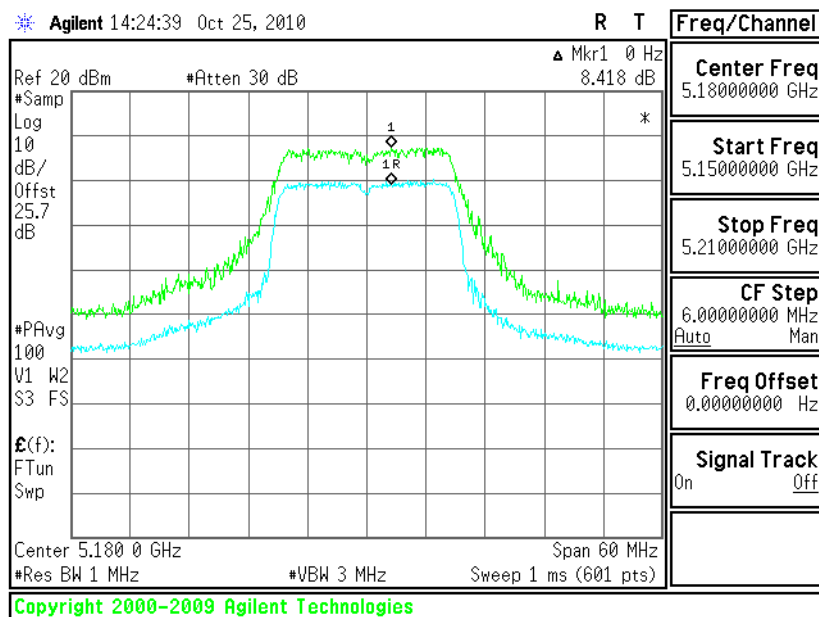


<Beam-Forming Off: 2x3>

Test Mode :	802.11n (HT-20) L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

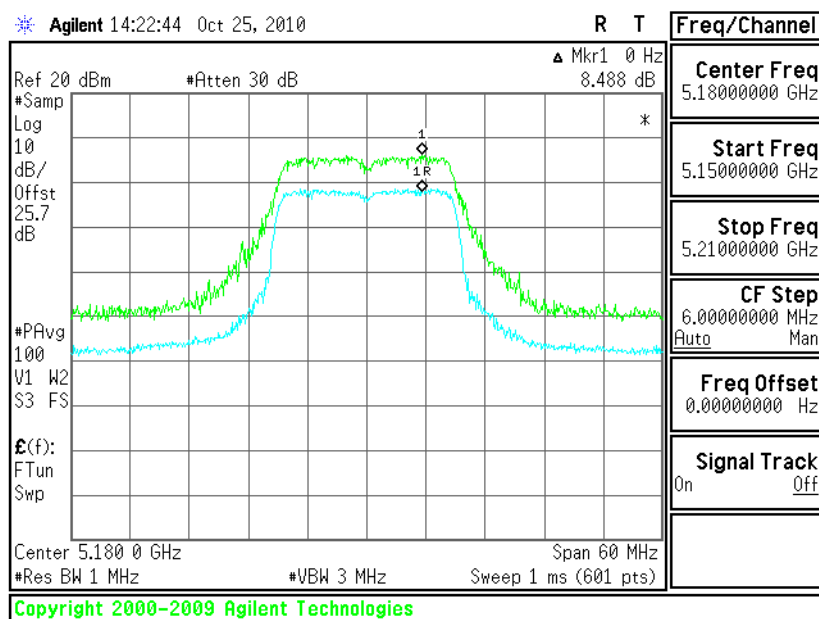
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 36 -

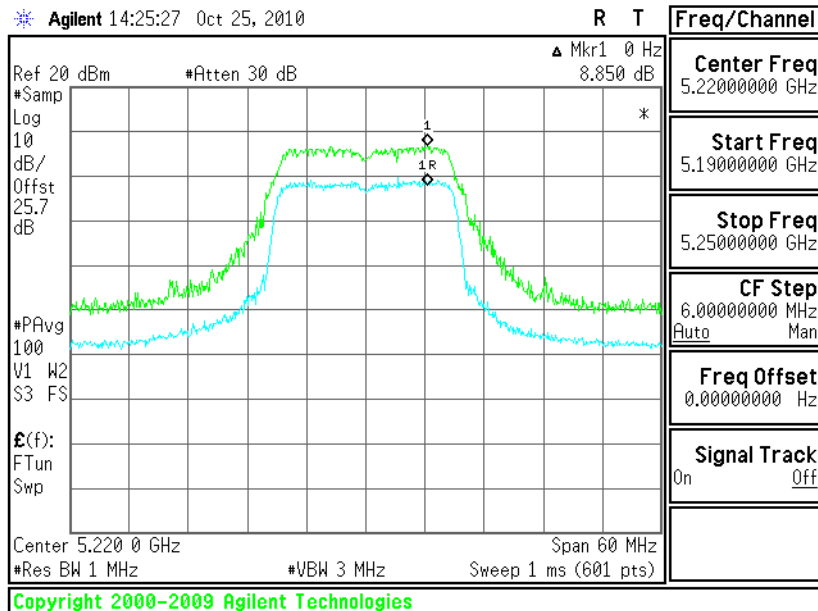
Chain 1





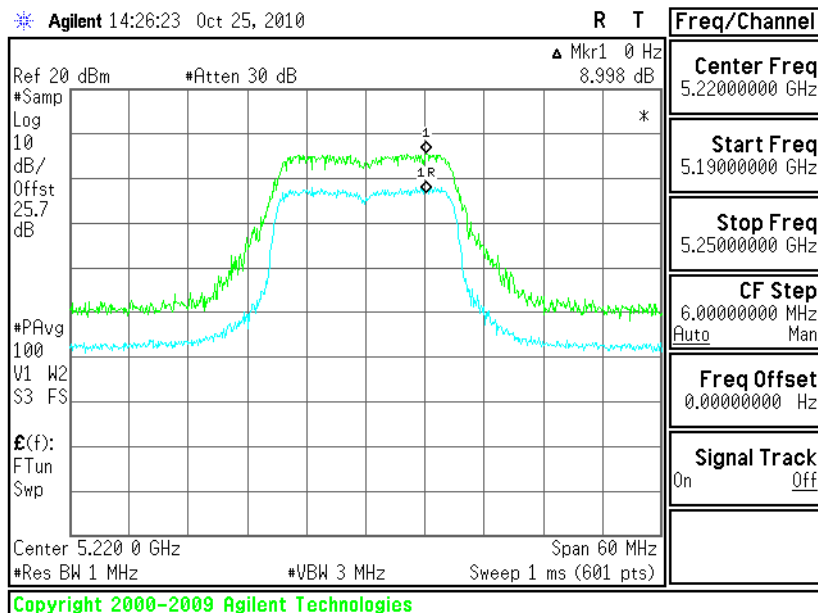
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 44 -

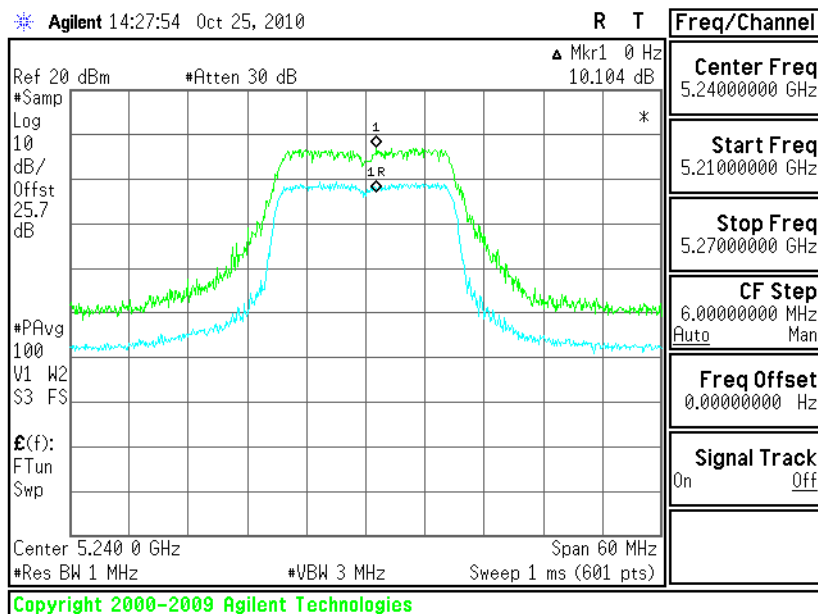
Chain 1





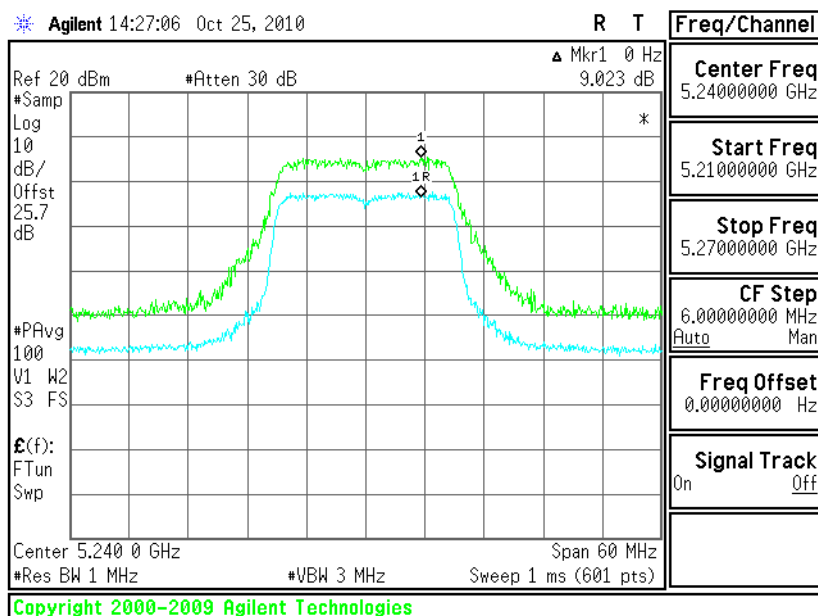
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 48 -

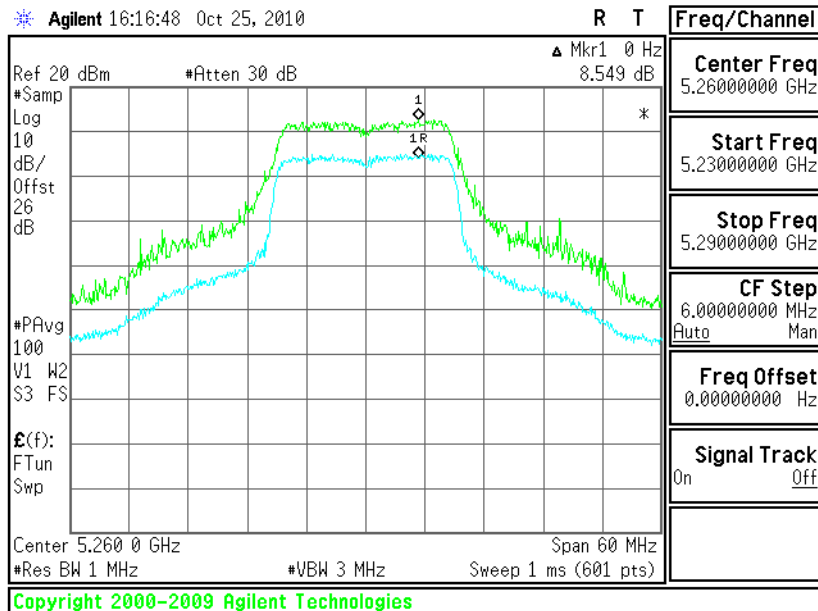
Chain 1





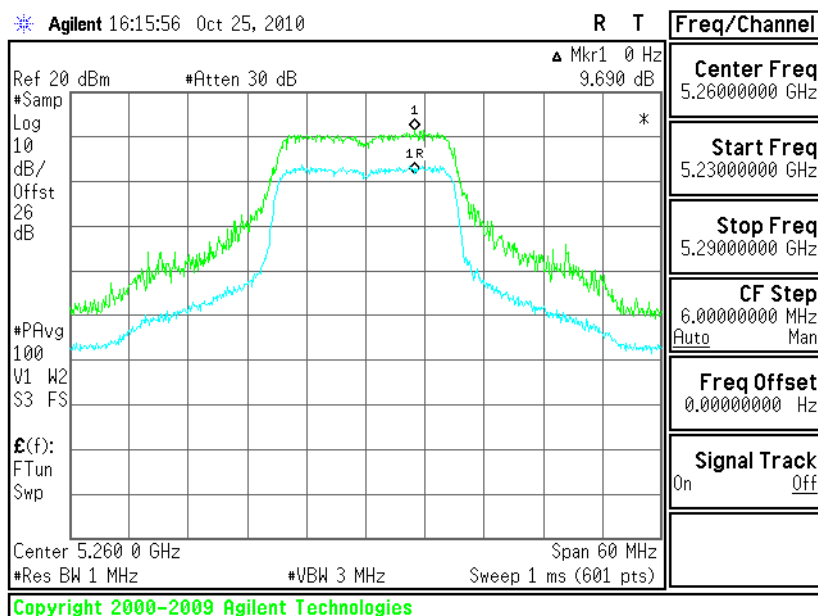
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 52 -

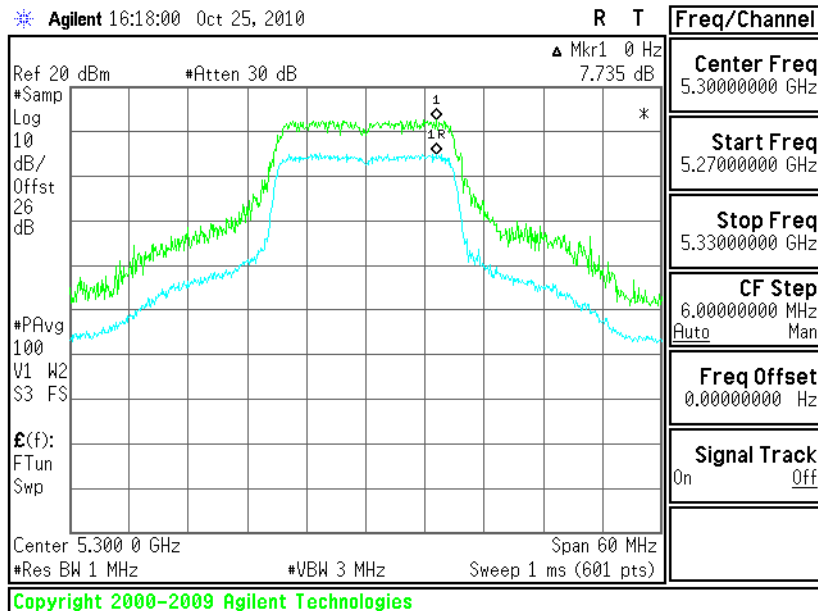
Chain 1





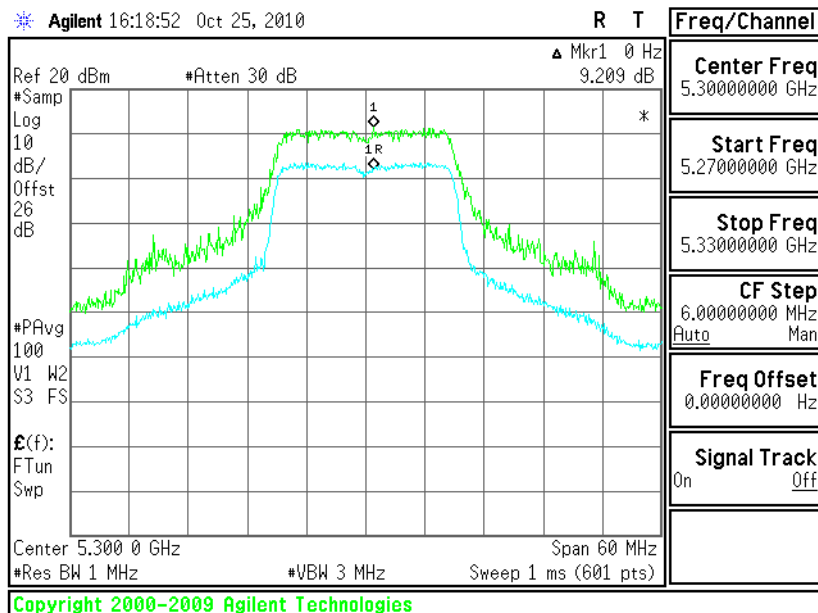
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 60 -

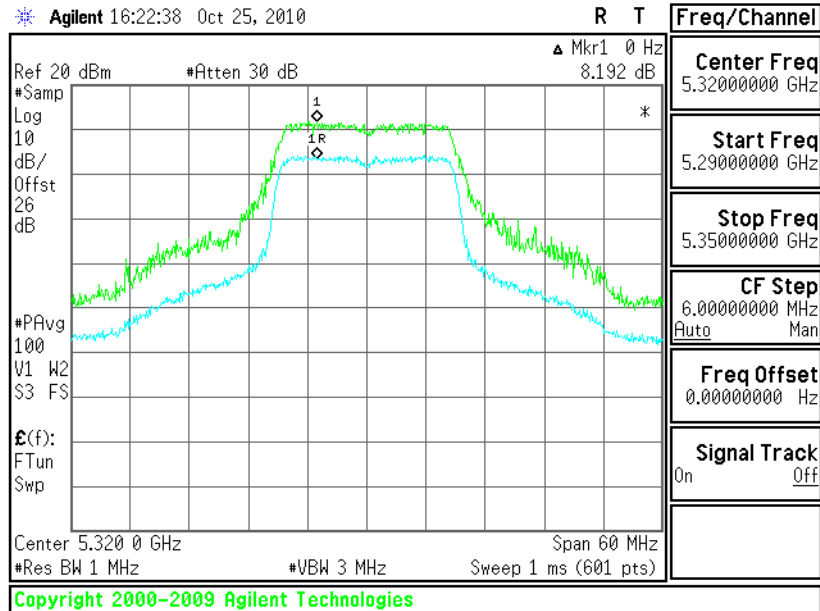
Chain 1





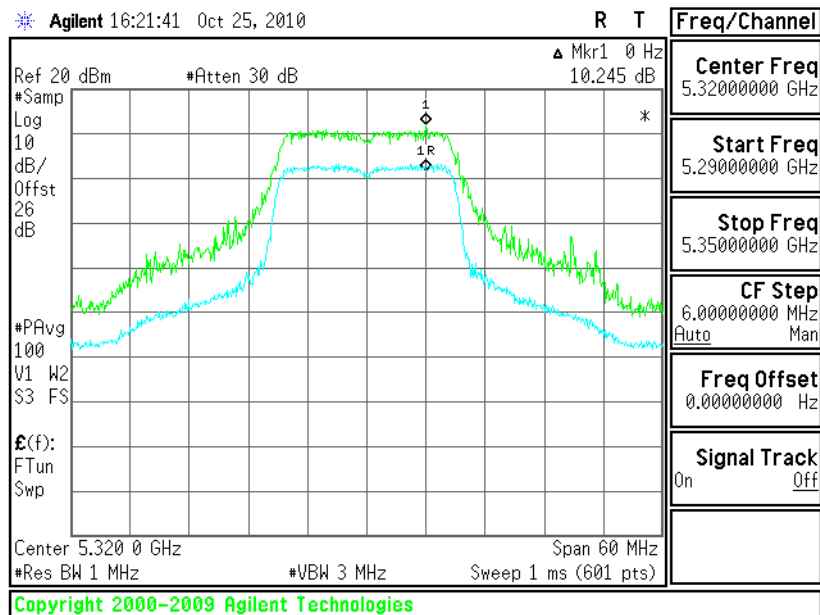
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 64 -

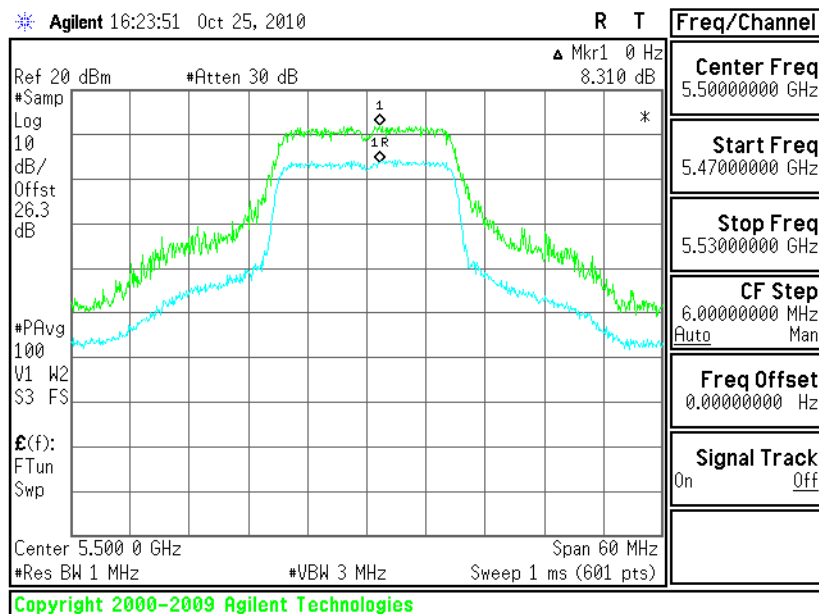
Chain 1





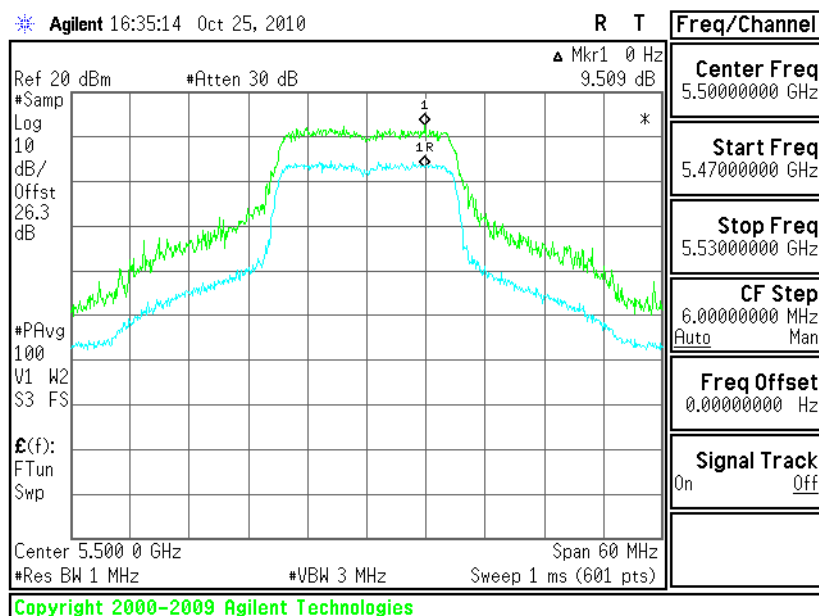
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 100 -

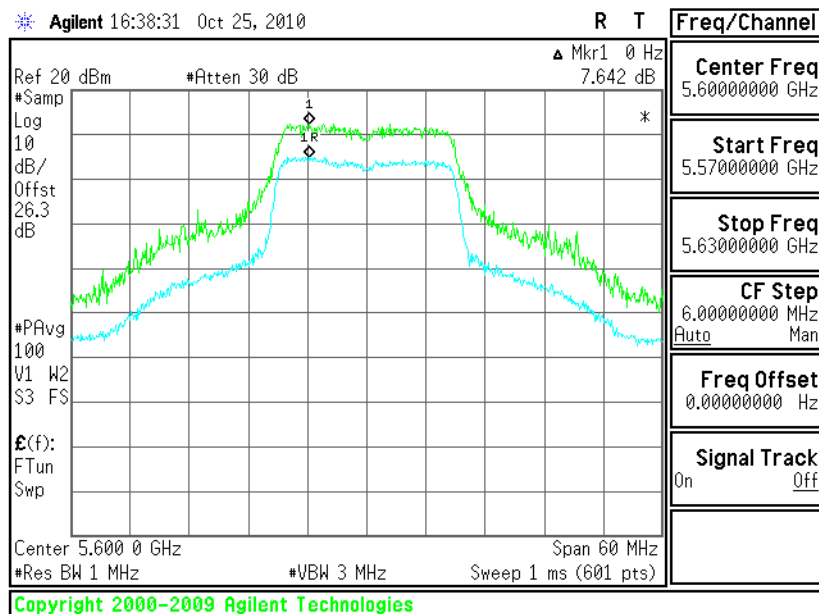
Chain 1





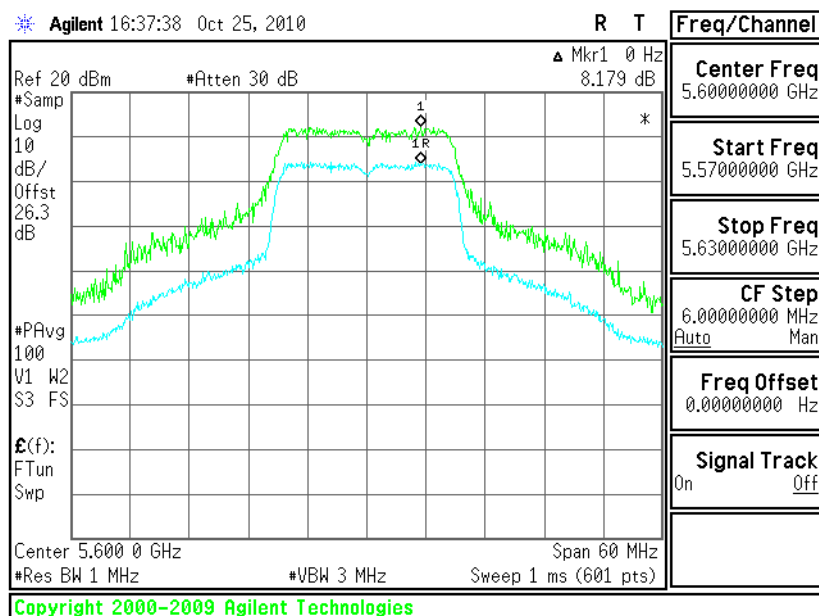
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 120 -

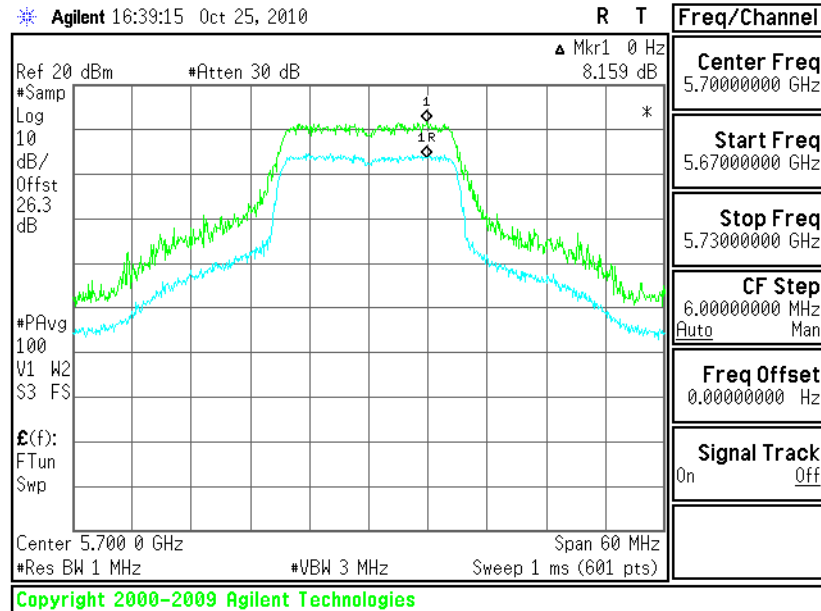
Chain 1





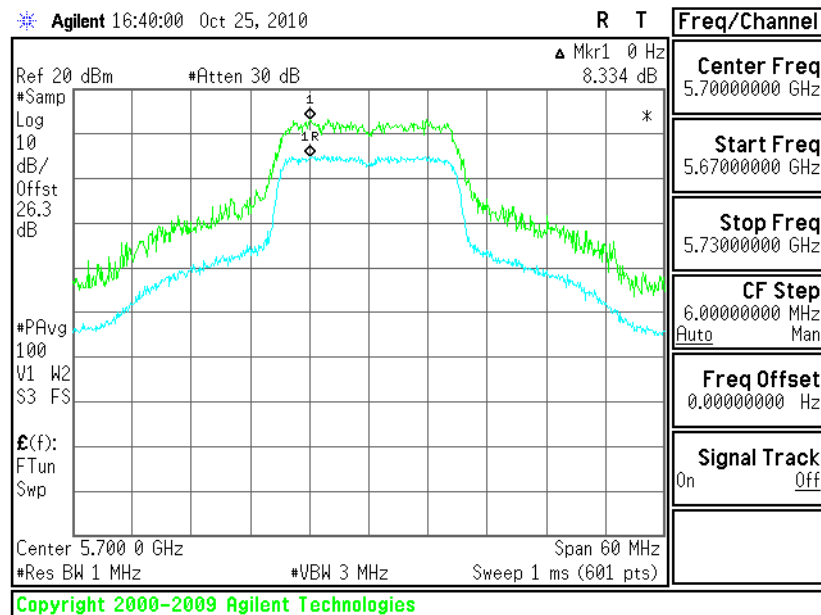
Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-20) Channel 140 -

Chain 1

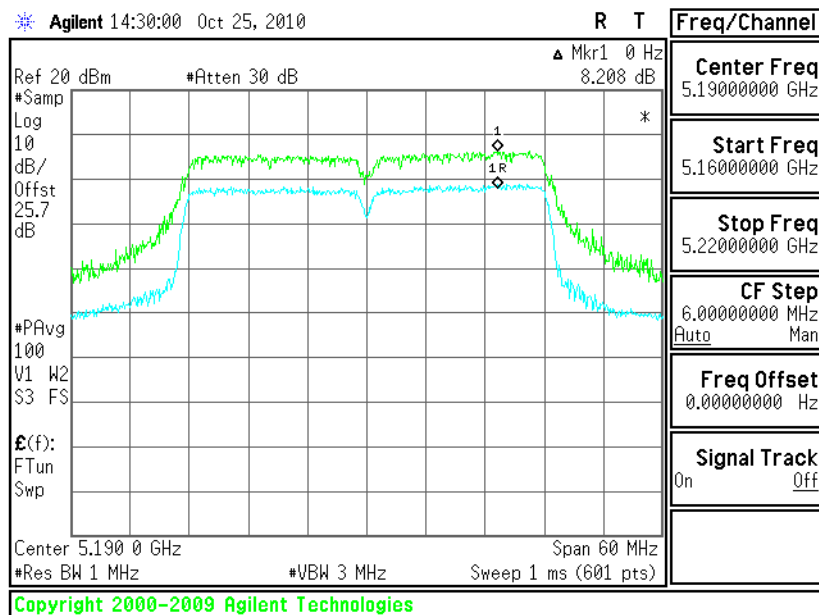




Test Mode :	802.11n (HT-40) L/M/H channels	Temperature :	25~27°C
Test Engineer :	Lewis He	Relative Humidity :	64~66%

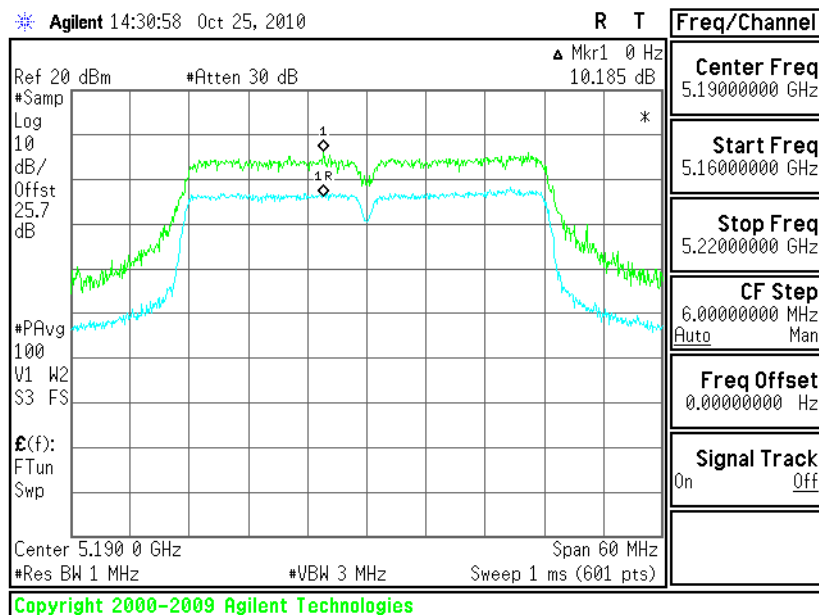
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 38 -

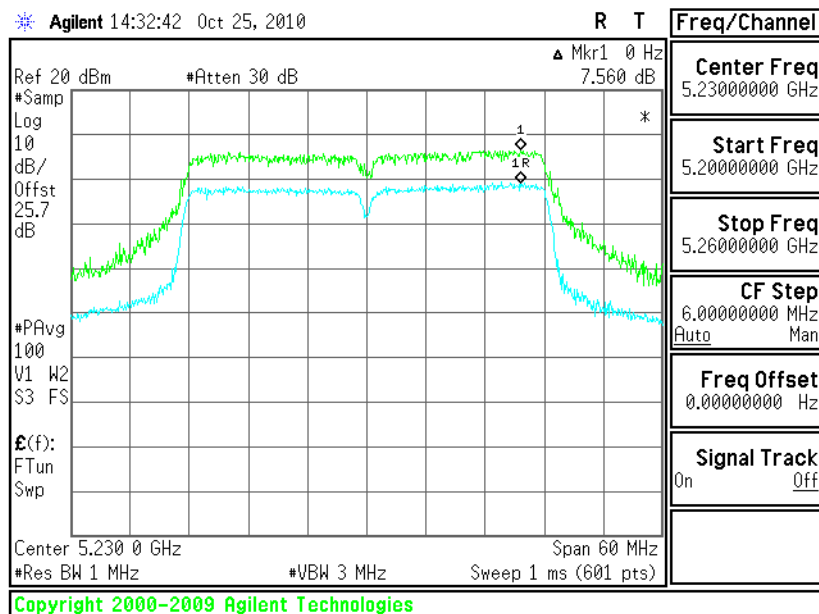
Chain 1





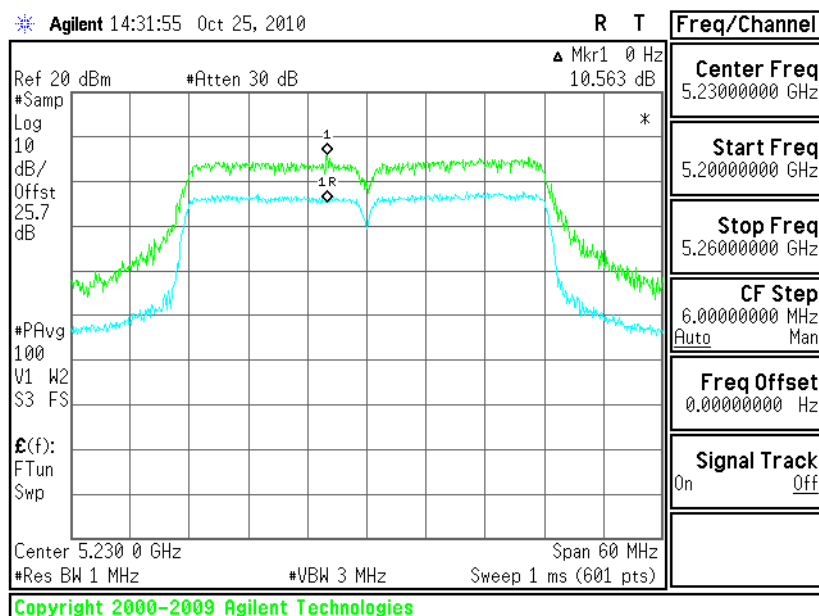
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 46 -

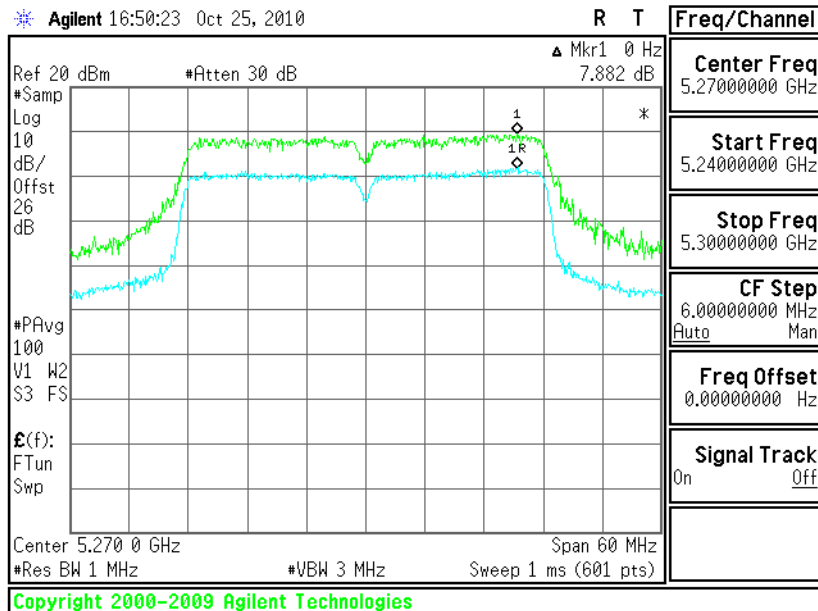
Chain 1





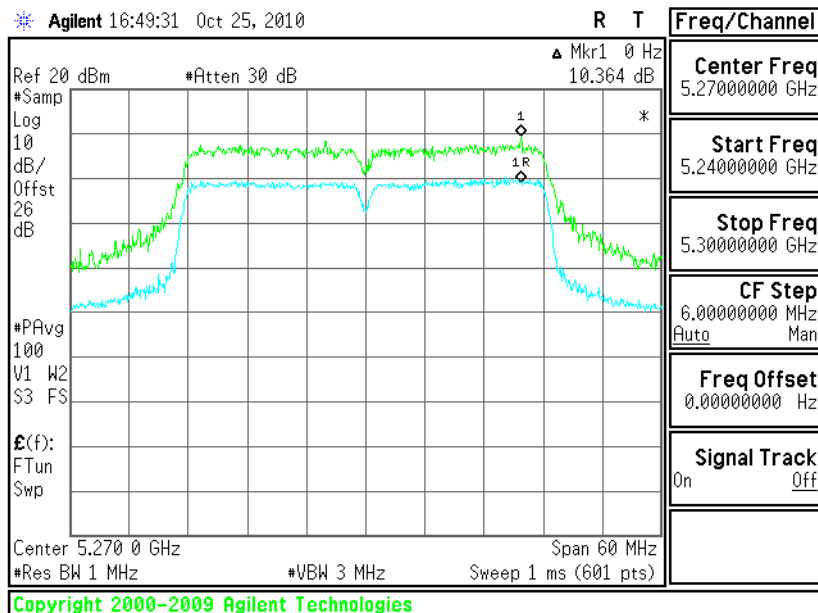
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 54 -

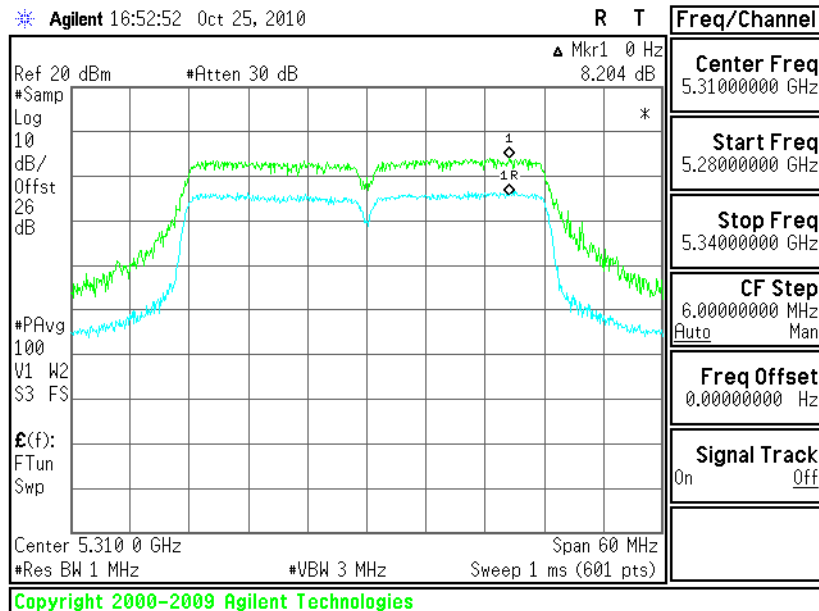
Chain 1





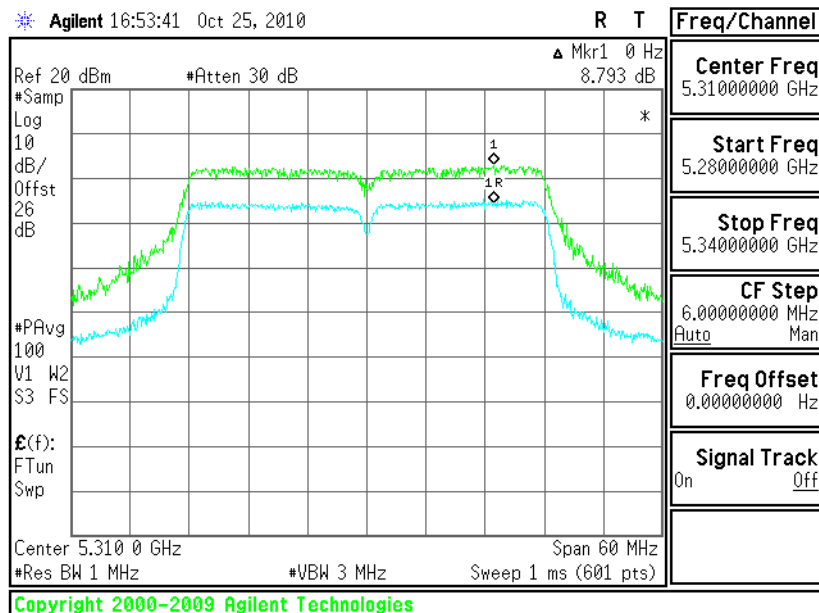
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 62 -

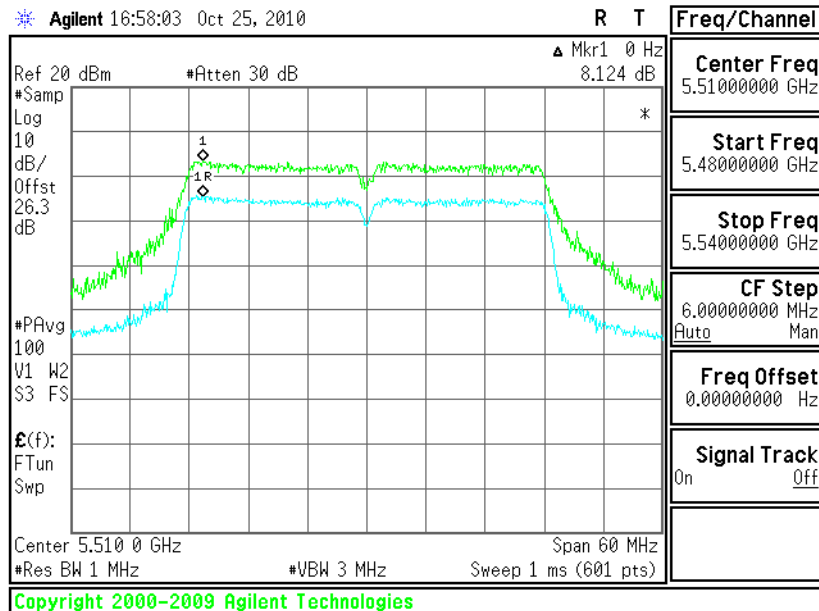
Chain 1





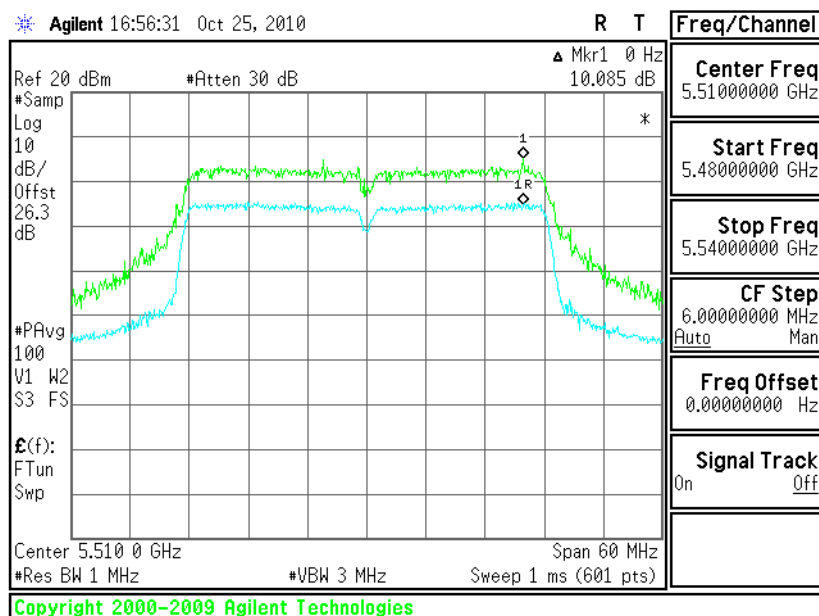
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 102 -

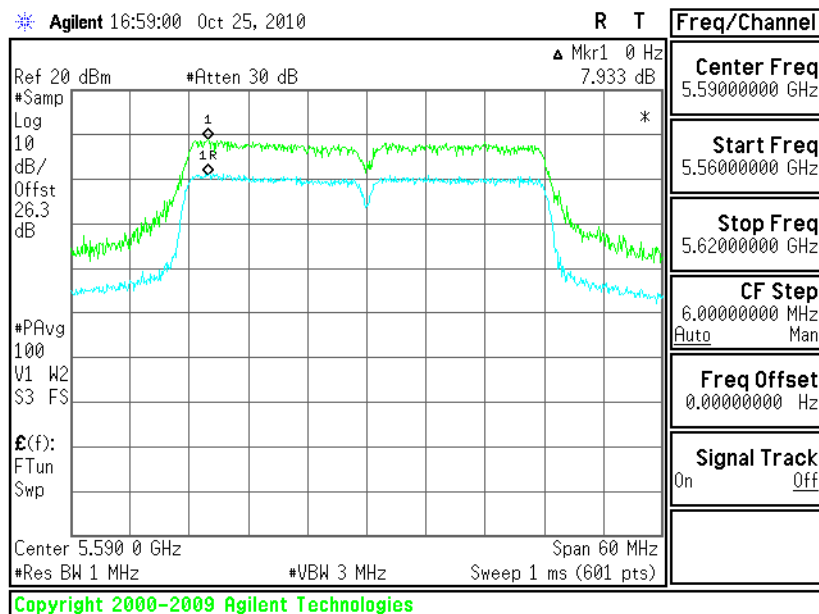
Chain 1





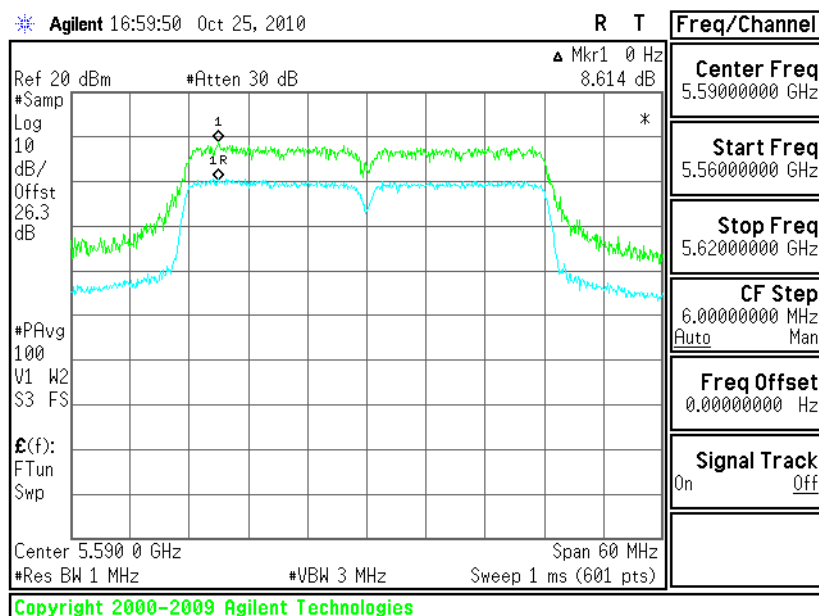
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 118 -

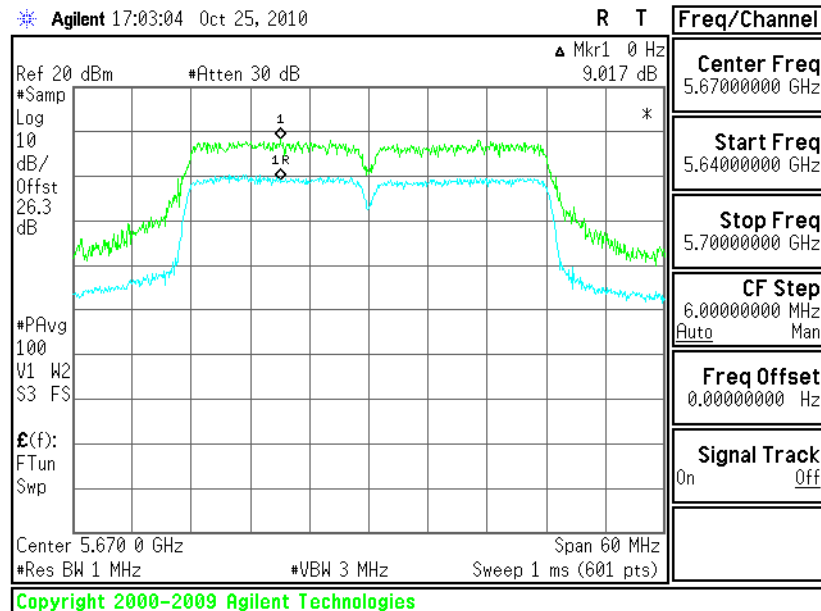
Chain 1





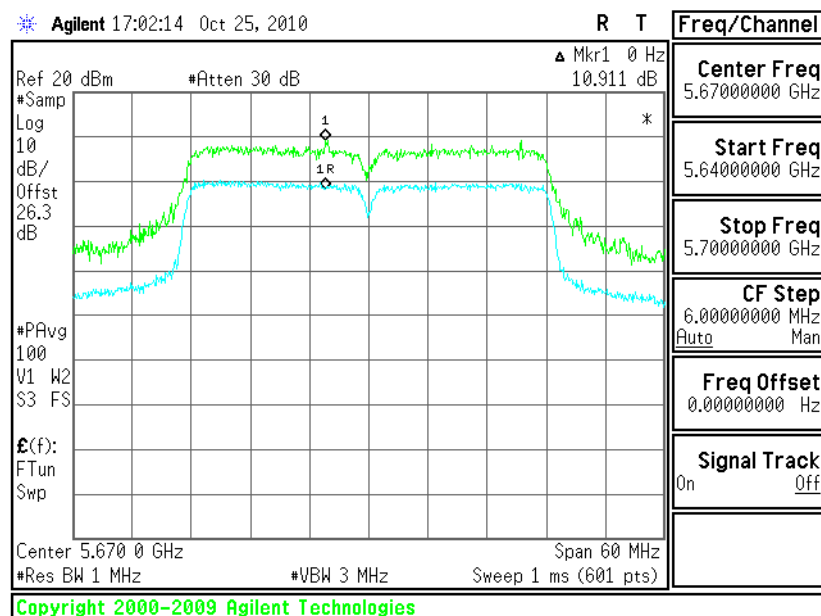
Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

Chain 0



Peak Excursion Ratio Plot on 802.11n (HT-40) Channel 134 -

Chain 1





3.7 Frequency Stability Requirement

3.7.1 Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.7.2 Declaration

According to the manufacturer's declaration, this device complies with this test case.

3.8 Radiated Emission Measurement

3.8.1 Limit of Radiated Emission

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

- (1) 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 –27 dBm/MHz.
- (2) 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 –27 dBm/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.
- (3) 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 –27 dBm/MHz.
- (4) The provisions of Section 15.205 Restricted bands of operation of this part apply to intentional radiators operating under this section.

3.8.2 Measuring Instruments

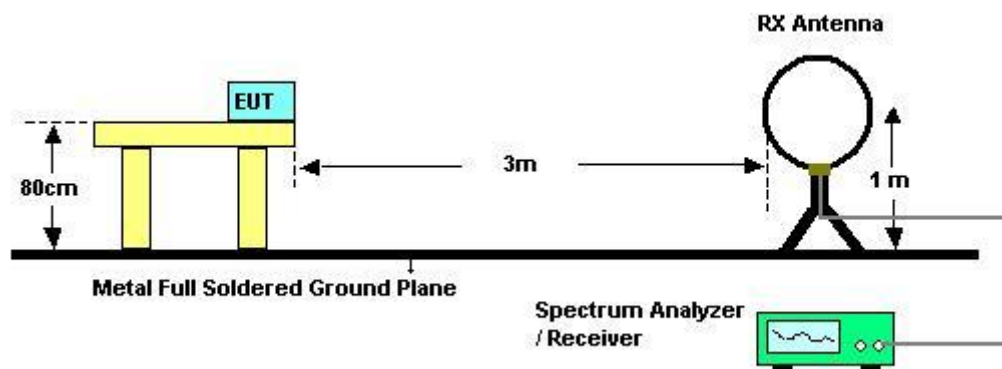
See list of measuring instruments of this test report.

3.8.3 Test Procedures

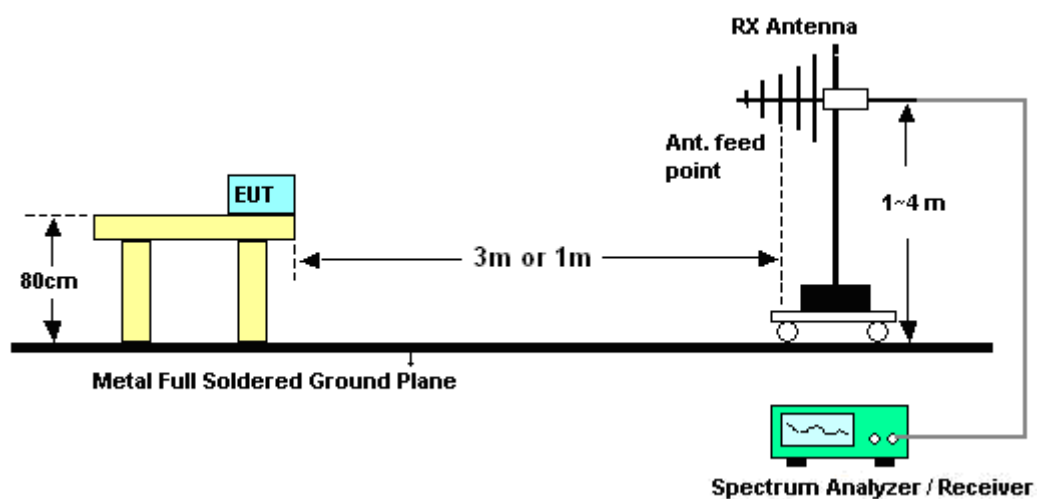
4. The testing follows the guidelines in FCC Public Notice DA 02-2138, (Measurement Guidelines of UNII)
5. The EUT was placed on a rotatable table top 0.8 meter above ground.
6. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
7. The table was rotated 360 degrees to determine the position of the highest radiation.
8. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
9. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
10. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
11. For testing below 1GHz, If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the quasi-peak method and reported.
12. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.8.4 Test Setup

For radiated emissions below 30MHz



For radiated emissions above 30MHz



3.8.5 Test Results of Radiated Emissions (9kHz ~ 30MHz)

Temperature	23~25°C	Humidity	56~60%
Test Engineer	Wii Chang		

Freq. (MHz)	Level (dBuV)	Over Limit (dB)	Limit Line (dBuV)	Remark
-	-	-	-	See Note

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

3.8.6 Test Result of Radiated Emission (30MHz ~ 1GHz)

<Beam-Forming On: 2x3>

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30	36.39	-3.61	40	48.89	18.48	0.58	31.56	100	99	Peak
62.13	20.94	-19.06	40	45.47	6.28	0.73	31.54	-	-	Peak
277.59	37.85	-8.15	46	54.47	13.29	1.48	31.39	-	-	Peak
320.3	33.88	-12.12	46	49.19	14.35	1.63	31.29	-	-	Peak
596.8	24.12	-21.88	46	33.5	19.3	2.2	30.88	-	-	Peak
899.2	35.75	-10.25	46	42.5	21.03	2.7	30.48	-	-	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
70.77	17.6	-22.4	40	42.17	6.1	0.84	31.51	-	-	Peak
140.16	27.03	-16.47	43.5	46.02	11.45	1.07	31.51	-	-	Peak
253.56	32.87	-13.13	46	49.98	12.98	1.42	31.51	-	-	Peak
300	39.73	-6.27	46	55.87	13.58	1.55	31.27	100	55	Peak
608	24.2	-21.8	46	33.5	19.35	2.2	30.85	-	-	Peak
864.2	28.44	-17.56	46	35.38	20.9	2.65	30.49	-	-	Peak



Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30	36.44	-3.56	40	48.94	18.48	0.58	31.56	100	85	Peak
63.75	17.65	-22.35	40	42.24	6.2	0.73	31.52	-	-	Peak
98.85	28.09	-15.41	43.5	47.68	11.03	0.95	31.57	-	-	Peak
300	40.68	-5.32	46	56.82	13.58	1.55	31.27	-	-	Peak
447	23.6	-22.4	46	35.76	17.07	1.92	31.15	-	-	Peak
696.2	26.4	-19.6	46	34.79	19.93	2.4	30.72	-	-	Peak



Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30	36.43	-3.57	40	48.93	18.48	0.58	31.56	120	88	Peak
62.67	32.73	-7.27	40	57.29	6.24	0.73	31.53	-	-	Peak
115.32	36.15	-7.35	43.5	54.18	12.54	0.95	31.52	-	-	Peak
300	37.45	-8.55	46	53.59	13.58	1.55	31.27	-	-	Peak
535.2	27.3	-18.7	46	37.24	18.95	2.1	30.99	-	-	Peak
689.9	31.7	-14.3	46	40.18	19.9	2.35	30.73	-	-	Peak

<Beam-Forming Off: 2x3>

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30	36.39	-3.61	40	48.89	18.48	0.58	31.56	100	99	Peak
62.13	20.94	-19.06	40	45.47	6.28	0.73	31.54	-	-	Peak
277.59	37.85	-8.15	46	54.47	13.29	1.48	31.39	-	-	Peak
320.3	33.88	-12.12	46	49.19	14.35	1.63	31.29	-	-	Peak
596.8	24.12	-21.88	46	33.5	19.3	2.2	30.88	-	-	Peak
899.2	35.75	-10.25	46	42.5	21.03	2.7	30.48	-	-	Peak



Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
70.77	17.6	-22.4	40	42.17	6.1	0.84	31.51	-	-	Peak
140.16	27.03	-16.47	43.5	46.02	11.45	1.07	31.51	-	-	Peak
253.56	32.87	-13.13	46	49.98	12.98	1.42	31.51	-	-	Peak
300	39.73	-6.27	46	55.87	13.58	1.55	31.27	100	55	Peak
608	24.2	-21.8	46	33.5	19.35	2.2	30.85	-	-	Peak
864.2	28.44	-17.56	46	35.38	20.9	2.65	30.49	-	-	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30	36.44	-3.56	40	48.94	18.48	0.58	31.56	100	85	Peak
63.75	17.65	-22.35	40	42.24	6.2	0.73	31.52	-	-	Peak
98.85	28.09	-15.41	43.5	47.68	11.03	0.95	31.57	-	-	Peak
300	40.68	-5.32	46	56.82	13.58	1.55	31.27	-	-	Peak
447	23.6	-22.4	46	35.76	17.07	1.92	31.15	-	-	Peak
696.2	26.4	-19.6	46	34.79	19.93	2.4	30.72	-	-	Peak



Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30	36.43	-3.57	40	48.93	18.48	0.58	31.56	120	88	Peak
62.67	32.73	-7.27	40	57.29	6.24	0.73	31.53	-	-	Peak
115.32	36.15	-7.35	43.5	54.18	12.54	0.95	31.52	-	-	Peak
300	37.45	-8.55	46	53.59	13.58	1.55	31.27	-	-	Peak
535.2	27.3	-18.7	46	37.24	18.95	2.1	30.99	-	-	Peak
689.9	31.7	-14.3	46	40.18	19.9	2.35	30.73	-	-	Peak

3.8.7 Test Result of Radiated Emission (1GHz ~ 10th Harmonic)

<Normal: 3x3>

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	36	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	43.16	-10.84	54	34.15	34.25	9.41	34.65	100	292	Average
5150	61.52	-12.48	74	52.51	34.25	9.41	34.65	100	292	Peak
5180	92.82	-	-	83.86	34.28	9.45	34.77	100	292	Average
5180	104.61	-	-	95.65	34.28	9.45	34.77	100	292	Peak
5356	39.36	-14.64	54	30.53	34.45	9.78	35.4	100	292	Average
5356	51.39	-22.61	74	42.56	34.45	9.78	35.4	100	292	Peak
10360	47	-27	74	78.99	-9.18	11.31	34.12	100	0	Peak
15540	37.72	-16.28	54	63.17	-6.62	14.11	32.94	100	101	Average
15540	51.13	-22.87	74	76.58	-6.62	14.11	32.94	100	101	Peak



Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	36	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5148	48.09	-5.91	54	39.08	34.25	9.41	34.65	100	292	Average
5148	68.93	-5.07	74	59.92	34.25	9.41	34.65	100	292	Peak
5180	100.79	-	-	91.83	34.28	9.45	34.77	100	292	Average
5180	113.09	-	-	104.13	34.28	9.45	34.77	100	292	Peak
5358	43.03	-10.97	54	34.2	34.45	9.78	35.4	100	292	Average
5358	53.74	-20.26	74	44.91	34.45	9.78	35.4	100	292	Peak
10360	47.91	-26.09	74	57.08	-9.17	0	0	100	0	Peak
15540	38.92	-15.08	54	64.37	-6.62	14.11	32.94	100	129	Average
15540	56.76	-17.24	74	82.22	-6.62	14.11	32.95	100	129	Peak

Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	44	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5144.16	41.27	-12.73	54	32.26	34.25	9.41	34.65	100	292	Average
5144.16	56.17	-17.83	74	47.16	34.25	9.41	34.65	100	292	Peak
5220	98.46	-	-	89.51	34.32	9.53	34.9	100	292	Average
5220	111.5	-	-	102.55	34.32	9.53	34.9	100	292	Peak
5380	40.05	-13.95	54	31.32	34.48	9.78	35.53	100	292	Average
5380	52.22	-21.78	74	43.49	34.48	9.78	35.53	100	292	Peak
10440	57.51	-16.49	74	89.46	-9.07	11.21	34.09	100	0	Peak
15660	51.79	-2.21	54	77.31	-6.66	14.17	33.03	100	161	Average
15660	64.72	-9.28	74	90.24	-6.66	14.17	33.03	100	161	Peak

Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	44	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	45.8	-8.2	54	36.79	34.25	9.41	34.65	100	292	Average
5150	63.94	-10.06	74	54.93	34.25	9.41	34.65	100	292	Peak
5220	105.84	-	-	96.89	34.32	9.53	34.9	100	292	Average
5220	118.31	-	-	109.36	34.32	9.53	34.9	100	292	Peak
5358	43.33	-10.67	54	34.5	34.45	9.78	35.4	100	292	Average
5358	53.26	-20.74	74	44.43	34.45	9.78	35.4	100	292	Peak
10440	57.15	-16.85	74	89.12	-9.06	11.18	34.09	100	0	Peak
15660	51.77	-2.23	54	77.29	-6.66	14.17	33.03	100	111	Average
15660	67.31	-6.69	74	92.83	-6.66	14.17	33.03	100	111	Peak

Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	48	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5131.68	40.1	-13.9	54	31.08	34.23	9.37	34.58	100	292	Average
5131.68	52.73	-21.27	74	43.71	34.23	9.37	34.58	100	292	Peak
5240	97.93	-	-	88.99	34.33	9.57	34.96	100	292	Average
5240	110.28	-	-	101.38	34.33	9.53	34.96	100	292	Peak
5390	39.81	-14.19	54	31.04	34.48	9.82	35.53	100	292	Average
5390	51.64	-22.36	74	42.87	34.48	9.82	35.53	100	292	Peak
10480	57.24	-16.76	74	89.22	-9.04	11.14	34.08	100	0	Peak
15720	52.12	-1.88	54	77.7	-6.69	14.2	33.09	100	108	Average
15720	63.21	-10.79	74	88.79	-6.69	14.2	33.09	100	108	Peak

Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	48	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5148	40.95	-13.05	54	31.94	34.25	9.41	34.65	100	292	Average
5148	55.9	-18.1	74	46.89	34.25	9.41	34.65	100	292	Peak
5240	105.93	-	-	96.99	34.33	9.57	34.96	100	292	Average
5240	118.97	-	-	110.08	34.35	9.57	35.03	100	292	Peak
5350	42.69	-11.31	54	33.9	34.45	9.74	35.4	100	292	Average
5350	53.25	-20.75	74	44.46	34.45	9.74	35.4	100	292	Peak
10480	54.23	-19.77	74	86.21	-9.04	11.14	34.08	100	0	Peak
15720	52.54	-1.46	54	78.12	-6.69	14.2	33.09	100	106	Average
15720	64.31	-9.69	74	89.89	-6.69	14.2	33.09	100	106	Peak

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	52	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5260 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5047.2	39.96	-14.04	54	30.83	34.15	9.25	34.27	100	292	Average
5047.2	52.82	-21.18	74	43.69	34.15	9.25	34.27	100	292	Peak
5260	96.13	-	-	87.23	34.37	9.62	35.09	100	292	Average
5260	108.66	-	-	99.76	34.37	9.62	35.09	100	292	Peak
5366	39.84	-14.16	54	31.06	34.47	9.78	35.47	100	292	Average
5366	51.94	-22.06	74	43.16	34.47	9.78	35.47	100	292	Peak
10520	51.23	-22.77	74	83.09	-9.02	11.21	34.05	100	0	Peak
15780	45.09	-8.91	54	70.7	-6.71	14.23	33.13	100	110	Average
15780	57.57	-16.43	74	83.18	-6.7	14.22	33.13	100	110	Peak



Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	52	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5260 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5113.44	40.52	-13.48	54	31.49	34.22	9.33	34.52	100	292	Average
5113.44	53.51	-20.49	74	44.48	34.22	9.33	34.52	100	292	Peak
5260	104.02	-	-	95.12	34.37	9.62	35.09	100	292	Average
5260	116.62	-	-	107.72	34.37	9.62	35.09	100	292	Peak
5350	42.23	-11.77	54	33.44	34.45	9.74	35.4	100	292	Average
5350	54.02	-19.98	74	45.23	34.45	9.74	35.4	100	292	Peak
10520	48.9	-25.1	74	80.76	-9.02	11.21	34.05	100	0	Peak
15780	45.97	-8.03	54	71.58	-6.71	14.23	33.13	100	117	Average
15780	58.4	-15.6	74	84.01	-6.71	14.23	33.13	100	117	Peak



Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5300 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5105.76	39.73	-14.27	54	30.7	34.22	9.33	34.52	100	292	Average
5105.76	52.84	-21.16	74	43.81	34.22	9.33	34.52	100	292	Peak
5300	97.13	-	-	88.28	34.4	9.66	35.21	100	292	Average
5300	110.78	-	-	101.93	34.4	9.66	35.21	100	292	Peak
5356	45.17	-8.83	54	36.34	34.45	9.78	35.4	100	292	Average
5356	64.14	-9.86	74	55.31	34.45	9.78	35.4	100	292	Peak
10600	41.79	-12.21	54	73.34	-9.1	11.51	33.96	100	224	Average
10600	56.19	-17.81	74	87.74	-9.1	11.51	33.96	100	224	Peak
15900	47.33	-6.67	54	73.02	-6.76	14.3	33.23	100	115	Average
15900	59.43	-14.57	74	85.12	-6.76	14.3	33.23	100	115	Peak

Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5300 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5047.2	40.33	-13.67	54	31.2	34.15	9.25	34.27	100	292	Average
5047.2	52.31	-21.69	74	43.18	34.15	9.25	34.27	100	292	Peak
5300	105.83	-	-	96.98	34.4	9.66	35.21	100	292	Average
5300	119	-	-	110.15	34.4	9.66	35.21	100	292	Peak
5356	51.09	-2.91	54	42.26	34.45	9.78	35.4	100	292	Average
5356	73.29	-0.71	74	64.46	34.45	9.78	35.4	100	292	Peak
10600	43.42	-10.58	54	74.97	-9.1	11.51	33.96	100	223	Average
10600	55.69	-18.31	74	87.24	-9.1	11.51	33.96	100	223	Peak
15900	48.62	-5.38	54	74.31	-6.76	14.3	33.23	100	128	Average
15900	59.42	-14.58	74	85.11	-6.76	14.3	33.23	100	128	Peak

Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	64	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5320 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5042.4	39.63	-14.37	54	30.54	34.15	9.21	34.27	100	292	Average
5042.4	53.03	-20.97	74	43.94	34.15	9.21	34.27	100	292	Peak
5320	93.72	-	-	84.88	34.42	9.7	35.28	100	292	Average
5320	105.84	-	-	97	34.42	9.7	35.28	100	292	Peak
5350.56	43.59	-10.41	54	34.8	34.45	9.74	35.4	100	292	Average
5350.56	67.48	-6.52	74	58.69	34.45	9.74	35.4	100	292	Peak
10640	33.07	-20.93	54	64.42	-9.14	11.71	33.92	100	224	Average
10640	47.07	-26.93	74	78.42	-9.14	11.71	33.92	100	224	Peak
15960	40.21	-13.79	54	65.95	-6.78	14.32	33.28	100	117	Average
15960	51.38	-22.62	74	77.11	-6.79	14.34	33.28	100	117	Peak

Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	64	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5320 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5119.2	40.52	-13.48	54	31.45	34.22	9.37	34.52	100	292	Average
5119.2	52.91	-21.09	74	43.84	34.22	9.37	34.52	100	292	Peak
5320	101.49	-	-	92.65	34.42	9.7	35.28	100	292	Average
5320	114.25	-	-	105.41	34.42	9.7	35.28	100	292	Peak
5350	49.7	-4.3	54	40.91	34.45	9.74	35.4	100	292	Average
5350	73.17	-0.83	74	64.38	34.45	9.74	35.4	100	292	Peak
10640	32.3	-21.7	54	63.65	-9.14	11.71	33.92	100	225	Average
10640	48.62	-25.38	74	79.97	-9.14	11.71	33.92	100	225	Peak
15960	37.73	-16.27	54	63.47	-6.78	14.32	33.28	100	120	Average
15960	50.48	-23.52	74	76.22	-6.78	14.32	33.28	100	120	Peak

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	100	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5500 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5454	41.22	-12.78	54	33.4	34.16	6.85	33.19	100	255	Average
5454	56.85	-17.15	74	49.03	34.16	6.85	33.19	100	255	Peak
5470	47.36	-20.94	68.3	39.51	34.17	6.87	33.19	100	255	Average
5470	67.6	-20.7	88.3	59.75	34.17	6.87	33.19	100	255	Peak
5500	96.37	-	-	88.46	34.2	6.88	33.17	100	255	Average
5500	108.49	-	-	100.58	34.2	6.88	33.17	100	255	Peak
5725	39.03	-29.27	68.3	30.7	34.51	7.01	33.19	100	255	Average
5725	49.88	-38.42	88.3	41.55	34.51	7.01	33.19	100	255	Peak

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	100	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5500 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5460	49.74	-4.26	54	41.92	34.16	6.85	33.19	100	255	Average
5460	70.32	-3.68	74	62.5	34.16	6.85	33.19	100	255	Peak
5470	56.35	-11.95	68.3	48.5	34.17	6.87	33.19	100	255	Average
5470	75.23	-13.07	88.3	67.38	34.17	6.87	33.19	100	255	Peak
5500	104.05	-	-	96.14	34.2	6.88	33.17	100	255	Average
5500	115.81	-	-	107.9	34.2	6.88	33.17	100	255	Peak
5725	39.73	-28.57	68.3	31.4	34.51	7.01	33.19	100	255	Average
5725	50.13	-38.17	88.3	41.8	34.51	7.01	33.19	100	255	Peak
11000	49.2	-4.8	54	56.68	37.7	10.44	55.62	146	112	Average
11000	62.24	-11.76	74	69.72	37.7	10.44	55.62	146	112	Peak

Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5600 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5400	40.53	-13.47	54	32.8	34.12	6.83	33.22	100	262	Average
5400	51.57	-22.43	74	43.84	34.12	6.83	33.22	100	262	Peak
5470	38.97	-29.33	68.3	31.12	34.17	6.87	33.19	100	262	Average
5470	49.96	-38.34	88.3	42.11	34.17	6.87	33.19	100	262	Peak
5600	95.89	-	-	87.79	34.34	6.94	33.18	100	262	Average
5600	108.21	-	-	100.11	34.34	6.94	33.18	100	262	Peak
5725	39.28	-29.02	68.3	30.95	34.51	7.01	33.19	100	262	Average
5725	50.26	-38.04	88.3	41.93	34.51	7.01	33.19	100	262	Peak



Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5600 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5440	44.45	-9.55	54	36.65	34.15	6.85	33.2	100	262	Average
5440	55.19	-18.81	74	47.39	34.15	6.85	33.2	100	262	Peak
5470	41.29	-27.01	68.3	33.44	34.17	6.87	33.19	100	262	Average
5470	52.82	-35.48	88.3	44.97	34.17	6.87	33.19	100	262	Peak
5600	106.13	-	-	98.03	34.34	6.94	33.18	100	262	Average
5600	119.79	-	-	111.69	34.34	6.94	33.18	100	262	Peak
5725	40.18	-28.12	68.3	31.85	34.51	7.01	33.19	100	262	Average
5725	51.44	-36.86	88.3	43.11	34.51	7.01	33.19	100	262	Peak
11200	52.41	-1.59	54	59.75	37.86	10.46	55.66	124	51	Average
11200	66.59	-7.41	74	73.93	37.86	10.46	55.66	124	51	Peak

Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	140	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5700 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5440	39.62	-14.38	54	31.82	34.15	6.85	33.2	100	280	Average
5440	51.15	-22.85	74	43.35	34.15	6.85	33.2	100	280	Peak
5470	38.88	-29.42	68.3	31.03	34.17	6.87	33.19	100	280	Average
5470	51.65	-36.65	88.3	43.8	34.17	6.87	33.19	100	280	Peak
5700	92.51	-	-	84.23	34.47	7	33.19	100	280	Average
5700	104.26	-	-	95.98	34.47	7	33.19	100	280	Peak
5725	47.74	-20.56	68.3	39.41	34.51	7.01	33.19	100	280	Average
5725	71.8	-16.5	88.3	63.47	34.51	7.01	33.19	100	280	Peak
11400	38.47	-15.53	54	45.68	38.02	10.47	55.7	129	140	Average
11400	51.74	-22.26	74	58.95	38.02	10.47	55.7	129	140	Peak

Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	140	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5700 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5400	40.25	-13.75	54	32.52	34.12	6.83	33.22	100	280	Average
5400	54.55	-19.45	74	46.82	34.12	6.83	33.22	100	280	Peak
5470	43.87	-24.43	68.3	36.02	34.17	6.87	33.19	100	280	Average
5470	52.69	-35.61	88.3	44.84	34.17	6.87	33.19	100	280	Peak
5700	105.4	-	-	97.12	34.47	7	33.19	100	280	Average
5700	117.95	-	-	109.65	34.49	7	33.19	100	280	Peak
5725	60.92	-7.38	68.3	52.59	34.51	7.01	33.19	100	280	Average
5725	78.82	-9.48	88.3	70.49	34.51	7.01	33.19	100	280	Peak
11400	48.64	-5.36	54	55.85	38.02	10.47	55.7	129	140	Average
11400	61.32	-12.68	74	68.53	38.02	10.47	55.7	129	140	Peak

<Normal: 2x3>

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	36	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5149.55	39.81	-14.19	54	32.52	33.92	6.7	33.33	100	297	Average
5149.55	63.35	-10.65	74	56.06	33.92	6.7	33.33	100	297	Peak
5180	92.31	-	-	84.97	33.95	6.71	33.32	100	297	Average
5180	104	-	-	96.66	33.95	6.71	33.32	100	297	Peak
5358	39.44	-14.56	54	31.79	34.08	6.8	33.23	100	297	Average
5358	54.43	-19.57	74	46.78	34.08	6.8	33.23	100	297	Peak
10353	47	-27	74	78.99	-9.18	11.31	34.12	100	360	Peak
15540	37.72	-16.28	54	63.17	-6.62	14.11	32.94	100	101	Average
15540	51.13	-22.87	74	76.58	-6.62	14.11	32.94	100	101	Peak



Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	36	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5149.25	43.43	-10.57	54	36.14	33.92	6.7	33.33	100	297	Average
5149.25	69.56	-4.44	74	62.27	33.92	6.7	33.33	100	297	Peak
5180	100.02	-	-	92.68	33.95	6.71	33.32	100	297	Average
5180	112.49	-	-	105.15	33.95	6.71	33.32	100	297	Peak
5400	43.92	-10.08	54	36.19	34.12	6.83	33.22	100	297	Average
5400	56.22	-17.78	74	48.49	34.12	6.83	33.22	100	297	Peak
15540	38.92	-15.08	54	64.37	-6.62	14.11	32.94	100	129	Average
15540	56.76	-17.24	74	82.22	-6.62	14.11	32.95	100	129	Peak

Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	44	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5100	38.92	-15.08	54	31.72	33.88	6.67	33.35	100	280	Average
5100	54.62	-19.38	74	47.42	33.88	6.67	33.35	100	280	Peak
5220	94.24	-	-	86.83	33.97	6.74	33.3	100	280	Average
5220	106.87	-	-	99.46	33.97	6.74	33.3	100	280	Peak
5360	43.62	-10.38	54	35.97	34.08	6.8	33.23	100	280	Average
5360	54.33	-19.67	74	46.68	34.08	6.8	33.23	100	280	Peak



Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	44	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5146	40.9	-13.1	54	33.61	33.92	6.7	33.33	100	280	Average
5146	54.42	-19.58	74	47.13	33.92	6.7	33.33	100	280	Peak
5220	100.79	-	-	93.38	33.97	6.74	33.3	100	280	Average
5220	112.67	-	-	105.26	33.97	6.74	33.3	100	280	Peak
5400	49.39	-4.61	54	41.66	34.12	6.83	33.22	100	280	Average
5400	56.8	-17.2	74	49.07	34.12	6.83	33.22	100	280	Peak
15660	45.1	-8.9	54	46.37	40.2	12.28	53.75	100	297	Average
15660	56.82	-17.18	74	58.09	40.2	12.28	53.75	100	297	Peak

Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	48	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5054	38	-16	54	30.88	33.84	6.65	33.37	102	294	Average
5054	54.64	-19.36	74	47.52	33.84	6.65	33.37	102	294	Peak
5240	89.3	-	-	81.85	33.99	6.75	33.29	102	294	Average
5240	101.11	-	-	93.66	33.99	6.75	33.29	102	294	Peak
5432	38.99	-15.01	54	31.2	34.15	6.84	33.2	102	294	Average
5432	54.63	-19.37	74	46.84	34.15	6.84	33.2	102	294	Peak



Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	48	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5048	44.88	-9.12	54	37.76	33.84	6.65	33.37	104	88	Average
5048	61.53	-12.47	74	54.41	33.84	6.65	33.37	104	88	Peak
5240	96.84	-	-	89.39	33.99	6.75	33.29	104	88	Average
5240	108.69	-	-	101.24	33.99	6.75	33.29	104	88	Peak
5406	45.53	-8.47	54	37.79	34.12	6.83	33.21	104	88	Average
5406	61.57	-12.43	74	53.83	34.12	6.83	33.21	104	88	Peak

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	52	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5260 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5104	38.47	-15.53	54	31.27	33.88	6.67	33.35	100	300	Average
5104	54.49	-19.51	74	47.29	33.88	6.67	33.35	100	300	Peak
5260	98.05	-	-	90.56	34.01	6.75	33.27	100	300	Average
5260	110.04	-	-	102.55	34.01	6.75	33.27	100	300	Peak
5354	39.2	-14.8	54	31.56	34.08	6.8	33.24	100	300	Average
5354	54.71	-19.29	74	47.07	34.08	6.8	33.24	100	300	Peak
10520	46.63	-41.67	88.3	55.46	37.41	10.18	56.42	100	0	Peak
15780	48.94	-5.06	54	50.4	40.2	12.2	53.86	139	162	Average
15780	62.09	-11.91	74	63.55	40.2	12.2	53.86	139	162	Peak

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	52	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5260 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5104	39.73	-14.27	54	32.53	33.88	6.67	33.35	100	300	Average
5104	55.16	-18.84	74	47.96	33.88	6.67	33.35	100	300	Peak
5260	105.26	-	-	97.77	34.01	6.75	33.27	100	300	Average
5260	117.31	-	-	109.82	34.01	6.75	33.27	100	300	Peak
5388	42.25	-11.75	54	34.53	34.11	6.83	33.22	100	300	Average
5388	56.13	-17.87	74	48.41	34.11	6.83	33.22	100	300	Peak
10521	50.03	-38.27	88.3	58.86	37.41	10.18	56.42	193	162	Peak
15780	53.47	-0.53	54	54.93	40.2	12.2	53.86	139	162	Average
15780	66.62	-7.38	74	68.08	40.2	12.2	53.86	139	162	Peak



Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5300 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5010	37.99	-16.01	54	30.95	33.81	6.62	33.39	100	282	Average
5010	54.57	-19.43	74	47.53	33.81	6.62	33.39	100	282	Peak
5300	95.06	-	-	87.5	34.04	6.78	33.26	100	282	Average
5300	107.5	-	-	99.94	34.04	6.78	33.26	100	282	Peak
5358	39.14	-14.86	54	31.49	34.08	6.8	33.23	100	282	Average
5358	54.5	-19.5	74	46.85	34.08	6.8	33.23	100	282	Peak



Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5300 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5056	38.76	-15.24	54	31.63	33.85	6.65	33.37	100	282	Average
5056	54.61	-19.39	74	47.48	33.85	6.65	33.37	100	282	Peak
5300	104.18	-	-	96.62	34.04	6.78	33.26	100	282	Average
5300	115.07	-	-	107.51	34.04	6.78	33.26	100	282	Peak
5354	42.34	-11.66	54	34.7	34.08	6.8	33.24	100	282	Average
5354	58.7	-15.3	74	51.06	34.08	6.8	33.24	100	282	Peak
10600	53.85	-20.15	74	62.45	37.46	10.22	56.28	100	0	Peak
10600	40.05	-33.95	74	48.65	37.46	10.22	56.28	100	0	Peak



Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	64	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5320 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5024.6	48.28	-5.72	54	41.2	33.83	6.63	33.38	100	295	Average
5024.6	61.28	-12.72	74	54.2	33.83	6.63	33.38	100	295	Peak
5320	93.37	-	-	85.78	34.05	6.79	33.25	100	295	Average
5320	105.4	-	-	97.81	34.05	6.79	33.25	100	295	Peak
5353.85	49.62	-4.38	54	41.98	34.08	6.8	33.24	100	295	Average
5353.85	65.94	-8.06	74	58.3	34.08	6.8	33.24	100	295	Peak

Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	64	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5320 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5104.25	48.41	-5.59	54	41.21	33.88	6.67	33.35	100	295	Average
5104.25	61.55	-12.45	74	54.35	33.88	6.67	33.35	100	295	Peak
5320	101.73	-	-	94.14	34.05	6.79	33.25	100	295	Average
5320	114.34	-	-	106.75	34.05	6.79	33.25	100	295	Peak
5350.33	53.16	-0.84	54	45.52	34.08	6.8	33.24	100	295	Average
5350.33	73.48	-0.52	74	65.84	34.08	6.8	33.24	100	295	Peak
10640	41.1	-12.9	54	49.59	37.48	10.25	56.22	141	18	Average
10640	53.31	-20.69	74	61.8	37.48	10.25	56.22	141	18	Peak

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	100	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5500 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5454.4	39.68	-14.32	54	31.86	34.16	6.85	33.19	100	271	Average
5454.4	56.52	-17.48	74	48.7	34.16	6.85	33.19	100	271	Peak
5470	42.77	-25.53	68.3	34.92	34.17	6.87	33.19	100	271	Average
5470	62.67	-25.63	88.3	54.82	34.17	6.87	33.19	100	271	Peak
5500	88.24	-	-	80.33	34.2	6.88	33.17	100	271	Average
5500	100.16	-	-	92.25	34.2	6.88	33.17	100	271	Peak
5725	38.91	-29.39	68.3	30.58	34.51	7.01	33.19	100	271	Average
5725	52.93	-35.37	88.3	44.6	34.51	7.01	33.19	100	271	Peak
11000	45.52	-8.48	54	53	37.7	10.44	55.62	145	18	Average
11000	58.39	-15.61	74	65.87	37.7	10.44	55.62	145	18	Peak

Test Mode :	802.11a L channel	Temperature :	23~25°C
Test Channel :	100	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5500 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5454.16	42.36	-11.64	54	34.54	34.16	6.85	33.19	100	271	Average
5454.16	66.41	-7.59	74	58.59	34.16	6.85	33.19	100	271	Peak
5470	51.15	-17.15	68.3	43.3	34.17	6.87	33.19	100	271	Average
5470	74.18	-14.12	88.3	66.33	34.17	6.87	33.19	100	271	Peak
5500	98.38	-	-	90.47	34.2	6.88	33.17	100	271	Average
5500	111.2	-	-	103.29	34.2	6.88	33.17	100	271	Peak
5725	39.13	-29.17	68.3	30.8	34.51	7.01	33.19	100	271	Average
5725	54.98	-33.32	88.3	46.65	34.51	7.01	33.19	100	271	Peak
11000	50.12	-3.88	54	57.6	37.7	10.44	55.62	145	18	Average
11000	63.74	-10.26	74	71.22	37.7	10.44	55.62	145	18	Peak



Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5600 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5470	38.15	-30.15	68.3	30.3	34.17	6.87	33.19	100	251	Average
5470	53.55	-34.75	88.3	45.7	34.17	6.87	33.19	100	251	Peak
5600	87.82	-	-	79.72	34.34	6.94	33.18	100	251	Average
5600	99.78	-	-	91.68	34.34	6.94	33.18	100	251	Peak
5725	38.79	-29.51	68.3	30.46	34.51	7.01	33.19	100	251	Average
5725	53.48	-34.82	88.3	45.15	34.51	7.01	33.19	100	251	Peak
11200	43.84	-10.16	54	51.18	37.86	10.46	55.66	154	17	Average
11200	56.91	-17.09	74	64.25	37.86	10.46	55.66	154	17	Peak



Test Mode :	802.11a M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5600 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5470	38.71	-29.59	68.3	30.86	34.17	6.87	33.19	100	251	Average
5470	52.46	-35.84	88.3	44.61	34.17	6.87	33.19	100	251	Peak
5600	99.17	-	-	91.07	34.34	6.94	33.18	100	251	Average
5600	111.87	-	-	103.77	34.34	6.94	33.18	100	251	Peak
5725	39.31	-28.99	68.3	30.98	34.51	7.01	33.19	100	251	Average
5725	53.06	-35.24	88.3	44.73	34.51	7.01	33.19	100	251	Peak
11200	51.28	-2.72	54	58.62	37.86	10.46	55.66	154	17	Average
11200	64.53	-9.47	74	71.87	37.86	10.46	55.66	154	17	Peak



Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	140	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5700 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5470	41.69	-26.61	68.3	33.84	34.17	6.87	33.19	100	262	Average
5470	53.39	-34.91	88.3	45.54	34.17	6.87	33.19	100	262	Peak
5700	87.06	-	-	78.78	34.47	7	33.19	100	262	Average
5700	99.06	-	-	90.78	34.47	7	33.19	100	262	Peak
5725	44.1	-24.2	68.3	35.77	34.51	7.01	33.19	100	262	Average
5725	59	-29.3	88.3	50.67	34.51	7.01	33.19	100	262	Peak
11400	45.73	-8.27	54	52.94	38.02	10.47	55.7	158	200	Average
11400	58.45	-15.55	74	65.66	38.02	10.47	55.7	158	200	Peak



Test Mode :	802.11a H channel	Temperature :	23~25°C
Test Channel :	140	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5700 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5470	38.66	-29.64	68.3	30.81	34.17	6.87	33.19	100	262	Average
5470	53.12	-35.18	88.3	45.27	34.17	6.87	33.19	100	262	Peak
5700	101.09	-	-	92.81	34.47	7	33.19	100	262	Average
5700	113.86	-	-	105.58	34.47	7	33.19	100	262	Peak
5725	55.18	-13.12	68.3	46.85	34.51	7.01	33.19	100	262	Average
5725	78.2	-10.1	88.3	69.87	34.51	7.01	33.19	100	262	Peak
11400	51.98	-2.02	54	59.19	38.02	10.47	55.7	158	200	Average
11400	66.74	-7.26	74	73.95	38.02	10.47	55.7	158	200	Peak

<Beam-Forming On: 3x3>

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	36	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5147.04	44	-10	54	34.99	34.25	9.41	34.65	100	292	Average
5147.04	62.82	-11.18	74	53.81	34.25	9.41	34.65	100	292	Peak
5180	93.83	-	-	84.87	34.28	9.45	34.77	100	292	Average
5180	105.04	-	-	96.08	34.28	9.45	34.77	100	292	Peak
5358	39.73	-14.27	54	30.9	34.45	9.78	35.4	100	292	Average
5358	51.96	-22.04	74	43.13	34.45	9.78	35.4	100	292	Peak
10360	48.77	-25.23	74	80.76	-9.18	11.31	34.12	106	128	Peak
15540	40.75	-13.25	54	66.2	-6.62	14.11	32.94	106	128	Average
15540	57.51	-16.49	74	82.96	-6.62	14.11	32.94	106	128	Peak

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	36	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5148	48.72	-5.28	54	39.71	34.25	9.41	34.65	100	292	Average
5148	68.56	-5.44	74	59.55	34.25	9.41	34.65	100	292	Peak
5180	100.52	-	-	91.56	34.28	9.45	34.77	100	292	Average
5180	112.57	-	-	103.61	34.28	9.45	34.77	100	292	Peak
5358	43.91	-10.09	54	35.08	34.45	9.78	35.4	100	292	Average
5358	53.18	-20.82	74	44.35	34.45	9.78	35.4	100	292	Peak
10360	46.5	-27.5	74	78.48	-9.17	11.31	34.12	106	128	Peak
15540	42.68	-11.32	54	68.13	-6.62	14.11	32.94	106	128	Average
15540	57.43	-16.57	74	82.88	-6.62	14.11	32.94	106	128	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	44	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	41.43	-12.57	54	32.42	34.25	9.41	34.65	100	292	Average
5150	59.35	-14.65	74	50.34	34.25	9.41	34.65	100	292	Peak
5220	98.49	-	-	89.54	34.32	9.53	34.9	100	292	Average
5220	110.68	-	-	101.73	34.32	9.53	34.9	100	292	Peak
5382	39.96	-14.04	54	31.19	34.48	9.82	35.53	100	292	Average
5382	51.75	-22.25	74	42.98	34.48	9.82	35.53	100	292	Peak
10440	58.64	-15.36	74	90.59	-9.07	11.21	34.09	111	108	Peak
15660	49.72	-4.28	54	75.24	-6.66	14.17	33.03	111	108	Average
15660	62.27	-11.73	74	87.79	-6.66	14.17	33.03	111	108	Peak



Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	44	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	47.16	-6.84	54	38.15	34.25	9.41	34.65	100	292	Average
5150	66.36	-7.64	74	57.35	34.25	9.41	34.65	100	292	Peak
5220	107.23	-	-	98.28	34.32	9.53	34.9	100	292	Average
5220	120.32	-	-	111.37	34.32	9.53	34.9	100	292	Peak
5358	41.83	-12.17	54	33	34.45	9.78	35.4	100	292	Average
5358	53.25	-20.75	74	44.42	34.45	9.78	35.4	100	292	Peak
10440	53.51	-20.49	74	85.48	-9.06	11.18	34.09	111	108	Peak
15660	53.47	-0.53	54	78.99	-6.66	14.17	33.03	111	108	Average
15660	68.36	-5.64	74	93.88	-6.66	14.17	33.03	111	108	Peak

Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	48	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5144.16	39.8	-14.2	54	30.79	34.25	9.41	34.65	100	292	Average
5144.16	53.26	-20.74	74	44.25	34.25	9.41	34.65	100	292	Peak
5240	97.55	-	-	88.61	34.33	9.57	34.96	100	292	Average
5240	109.21	-	-	100.31	34.33	9.53	34.96	100	292	Peak
5350	39.79	-14.21	54	31	34.45	9.74	35.4	100	292	Average
5350	51.67	-22.33	74	42.88	34.45	9.74	35.4	100	292	Peak
10480	54.4	-19.6	74	86.36	-9.02	11.14	34.08	103	112	Peak
15720	50.32	-3.68	54	75.9	-6.69	14.2	33.09	103	112	Average
15720	62.87	-11.13	74	88.44	-6.68	14.2	33.09	103	112	Peak

Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	48	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5144.16	41.31	-12.69	54	32.3	34.25	9.41	34.65	100	292	Average
5144.16	55.32	-18.68	74	46.31	34.25	9.41	34.65	100	292	Peak
5240	106.02	-	-	97.08	34.33	9.57	34.96	100	292	Average
5240	117.99	-	-	109.09	34.33	9.53	34.96	100	292	Peak
5364	42.75	-11.25	54	33.97	34.47	9.78	35.47	100	292	Average
5364	54.58	-19.42	74	45.8	34.47	9.78	35.47	100	292	Peak
10480	43.27	-30.73	74	75.25	-9.04	11.14	34.08	103	112	Peak
15720	51.41	-2.59	54	76.99	-6.69	14.2	33.09	103	112	Average
15720	66	-8	74	91.56	-6.68	14.2	33.08	103	112	Peak

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	52	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5260 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5086.56	39.69	-14.31	54	30.62	34.18	9.29	34.4	100	292	Average
5086.56	52.34	-21.66	74	43.27	34.18	9.29	34.4	100	292	Peak
5260	95.09	-	-	86.19	34.37	9.62	35.09	100	292	Average
5260	106.69	-	-	97.79	34.37	9.62	35.09	100	292	Peak
5350	39.04	-14.96	54	30.25	34.45	9.74	35.4	100	292	Average
5350	51.92	-22.08	74	43.13	34.45	9.74	35.4	100	292	Peak
10520	45.73	-42.57	88.3	77.7	-9.01	11.11	34.07	105	128	Peak
15780	44.53	-9.47	54	70.14	-6.71	14.23	33.13	105	128	Average
15780	59.33	-14.67	74	84.94	-6.71	14.23	33.13	105	128	Peak

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	52	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5260 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5127.84	40.41	-13.59	54	31.39	34.23	9.37	34.58	100	292	Average
5127.84	52.35	-21.65	74	43.33	34.23	9.37	34.58	100	292	Peak
5260	104.11	-	-	95.21	34.37	9.62	35.09	100	292	Average
5260	116	-	-	107.11	34.35	9.57	35.03	100	292	Peak
5358	41.99	-12.01	54	33.16	34.45	9.78	35.4	100	292	Average
5358	53.15	-20.85	74	44.32	34.45	9.78	35.4	100	292	Peak
10520	46.83	-41.47	88.3	78.8	-9.01	11.11	34.07	105	128	Peak
15780	46.1	-7.9	54	71.71	-6.71	14.23	33.13	105	128	Average
15780	60.85	-13.15	74	86.46	-6.71	14.23	33.13	105	128	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5300 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5020.32	39.61	-14.39	54	30.42	34.12	9.21	34.14	100	292	Average
5020.32	52.56	-21.44	74	43.37	34.12	9.21	34.14	100	292	Peak
5300	94.71	-	-	85.86	34.4	9.66	35.21	100	292	Average
5300	106.69	-	-	97.84	34.4	9.66	35.21	100	292	Peak
5350	43.59	-10.41	54	34.8	34.45	9.74	35.4	100	292	Average
5350	62.93	-11.07	74	54.14	34.45	9.74	35.4	100	292	Peak
10600	30.58	-23.42	54	62.13	-9.1	11.51	33.96	100	172	Average
10600	43.25	-30.75	74	74.81	-9.09	11.51	33.98	100	172	Peak
15900	44.4	-9.6	54	70.09	-6.76	14.3	33.23	107	71	Average
15900	56.93	-17.07	74	82.62	-6.76	14.3	33.23	107	71	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5300 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5036.64	39.59	-14.41	54	30.46	34.13	9.21	34.21	100	292	Average
5036.64	52.59	-21.41	74	43.46	34.13	9.21	34.21	100	292	Peak
5300	101.83	-	-	92.98	34.4	9.66	35.21	100	292	Average
5300	114.37	-	-	105.52	34.4	9.66	35.21	100	292	Peak
5350	51.05	-2.95	54	42.26	34.45	9.74	35.4	100	292	Average
5350	70.67	-3.33	74	61.88	34.45	9.74	35.4	100	292	Peak
10600	40.74	-13.26	54	72.29	-9.1	11.51	33.96	100	172	Average
10600	53.89	-20.11	74	85.44	-9.1	11.51	33.96	100	172	Peak
15900	48.65	-5.35	54	74.34	-6.76	14.3	33.23	107	71	Average
15900	62.48	-11.52	74	88.17	-6.76	14.3	33.23	107	71	Peak

Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	64	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5320 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5040.48	39.65	-14.35	54	30.56	34.15	9.21	34.27	100	292	Average
5040.48	52.64	-21.36	74	43.55	34.15	9.21	34.27	100	292	Peak
5320	93.95	-	-	85.11	34.42	9.7	35.28	100	292	Average
5320	105.38	-	-	96.54	34.42	9.7	35.28	100	292	Peak
5350	41.61	-12.39	54	32.82	34.45	9.74	35.4	100	292	Average
5350	63.69	-10.31	74	54.9	34.45	9.74	35.4	100	292	Peak
10640	25.1	-28.9	54	56.45	-9.14	11.71	33.92	100	170	Average
10640	37.66	-36.34	74	69.01	-9.14	11.71	33.92	100	170	Peak
15960	32.6	-21.4	54	58.34	-6.78	14.32	33.28	100	109	Average
15960	47.3	-26.7	74	73.04	-6.78	14.32	33.28	100	109	Peak



Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	64	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5320 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5096.16	39.78	-14.22	54	30.71	34.2	9.33	34.46	100	292	Average
5096.16	52.77	-21.23	74	43.7	34.2	9.33	34.46	100	292	Peak
5320	101.89	-	-	93.05	34.42	9.7	35.28	100	292	Average
5320	113.74	-	-	104.9	34.42	9.7	35.28	100	292	Peak
5350	47.49	-6.51	54	38.7	34.45	9.74	35.4	100	292	Average
5350	71.09	-2.91	74	62.3	34.45	9.74	35.4	100	292	Peak
10640	31.23	-22.77	54	62.58	-9.14	11.71	33.92	100	170	Average
10640	43.45	-30.55	74	74.8	-9.14	11.71	33.92	100	170	Peak
15960	49.32	-4.68	54	75.06	-6.78	14.32	33.28	100	109	Average
15960	73.05	-0.95	74	98.79	-6.78	14.32	33.28	100	109	Peak

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	100	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5500 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5460	40.79	-13.21	54	32.97	34.16	6.85	33.19	100	255	Average
5460	57.05	-16.95	74	49.23	34.16	6.85	33.19	100	255	Peak
5470	50.21	-18.09	68.3	42.36	34.17	6.87	33.19	100	255	Average
5470	73.05	-15.25	88.3	65.2	34.17	6.87	33.19	100	255	Peak
5500	96.05	-	-	88.14	34.2	6.88	33.17	100	255	Average
5500	108.26	-	-	100.35	34.2	6.88	33.17	100	255	Peak
5725	38.97	-29.33	68.3	30.64	34.51	7.01	33.19	100	255	Average
5725	49.49	-38.81	88.3	41.16	34.51	7.01	33.19	100	255	Peak

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	100	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5500 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5449.77	45.4	-8.6	54	37.59	34.16	6.85	33.2	100	255	Average
5449.77	72.58	-1.42	74	64.77	34.16	6.85	33.2	100	255	Peak
5470	59.82	-8.48	68.3	51.97	34.17	6.87	33.19	100	255	Average
5470	84.04	-4.26	88.3	76.19	34.17	6.87	33.19	100	255	Peak
5500	90.27	-	-	82.36	34.2	6.88	33.17	100	255	Average
5500	116.92	-	-	109.01	34.2	6.88	33.17	100	255	Peak
5725	39.68	-28.62	68.3	31.35	34.51	7.01	33.19	100	255	Average
5725	50.93	-37.37	88.3	42.6	34.51	7.01	33.19	100	255	Peak
11000	48.37	-5.63	54	55.85	37.7	10.44	55.62	146	112	Average
11000	62.02	-11.98	74	69.5	37.7	10.44	55.62	146	112	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5600 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5354	41.07	-12.93	54	33.43	34.08	6.8	33.24	100	262	Average
5354	52.04	-21.96	74	44.4	34.08	6.8	33.24	100	262	Peak
5470	38.95	-29.35	68.3	31.1	34.17	6.87	33.19	100	262	Average
5470	50.24	-38.06	88.3	42.39	34.17	6.87	33.19	100	262	Peak
5600	94.73	-	-	86.63	34.34	6.94	33.18	100	262	Average
5600	106.49	-	-	98.39	34.34	6.94	33.18	100	262	Peak
5725	39.29	-29.01	68.3	30.96	34.51	7.01	33.19	100	262	Average
5725	51.3	-37	88.3	42.97	34.51	7.01	33.19	100	262	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5600 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5450	45.5	-8.5	54	37.69	34.16	6.85	33.2	100	262	Average
5450	53.8	-20.2	74	45.99	34.16	6.85	33.2	100	262	Peak
5470	41.04	-27.26	68.3	33.19	34.17	6.87	33.19	100	262	Average
5470	52.53	-35.77	88.3	44.68	34.17	6.87	33.19	100	262	Peak
5600	106.94	-	-	98.84	34.34	6.94	33.18	100	262	Average
5600	119.1	-	-	111	34.34	6.94	33.18	100	262	Peak
5725	40.46	-27.84	68.3	32.13	34.51	7.01	33.19	100	262	Average
5725	50.86	-37.44	88.3	42.53	34.51	7.01	33.19	100	262	Peak
11200	52.78	-1.22	54	60.12	37.86	10.46	55.66	124	51	Average
11200	66.51	-7.49	74	73.85	37.86	10.46	55.66	124	51	Peak

Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	140	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5700 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5362	39.51	-14.49	54	31.83	34.09	6.82	33.23	100	280	Average
5362	51.67	-22.33	74	43.99	34.09	6.82	33.23	100	280	Peak
5470	38.91	-29.39	68.3	31.06	34.17	6.87	33.19	100	280	Average
5470	50.58	-37.72	88.3	42.73	34.17	6.87	33.19	100	280	Peak
5700	93.55	-	-	85.27	34.47	7	33.19	100	280	Average
5700	104.86	-	-	96.58	34.47	7	33.19	100	280	Peak
5725	49.09	-19.21	68.3	40.76	34.51	7.01	33.19	100	280	Average
5725	66.96	-21.34	88.3	58.63	34.51	7.01	33.19	100	280	Peak

Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	140	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5700 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5458	42.8	-11.2	54	34.98	34.16	6.85	33.19	100	280	Average
5458	54.81	-19.19	74	46.99	34.16	6.85	33.19	100	280	Peak
5470	40.05	-28.25	68.3	32.2	34.17	6.87	33.19	100	280	Average
5470	51.47	-36.83	88.3	43.62	34.17	6.87	33.19	100	280	Peak
5700	104.83	-	-	96.55	34.47	7	33.19	100	280	Average
5700	115.67	-	-	107.39	34.47	7	33.19	100	280	Peak
5725	57.01	-11.29	68.3	48.68	34.51	7.01	33.19	100	280	Average
5725	78.73	-9.57	88.3	70.4	34.51	7.01	33.19	100	280	Peak
11400	48.6	-5.4	54	55.81	38.02	10.47	55.7	129	140	Average
11400	61.37	-12.63	74	68.58	38.02	10.47	55.7	129	140	Peak

Test Mode :	802.11n (HT-40) L channel	Temperature :	23~25°C
Test Channel :	38	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5190 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5148	42.89	-11.11	54	33.88	34.25	9.41	34.65	100	95	Average
5148	58.51	-15.49	74	49.5	34.25	9.41	34.65	100	95	Peak
5190	86.15	-	-	77.15	34.28	9.49	34.77	100	95	Average
5190	97.45	-	-	88.5	34.3	9.49	34.84	100	95	Peak
5356	40.78	-13.22	54	31.95	34.45	9.78	35.4	100	95	Average
5356	51.54	-22.46	74	42.71	34.45	9.78	35.4	100	95	Peak



Test Mode :	802.11n (HT-40) L channel	Temperature :	23~25°C
Test Channel :	38	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5190 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	53.11	-0.89	54	44.1	34.25	9.41	34.65	100	95	Average
5150	68.85	-5.15	74	59.84	34.25	9.41	34.65	100	95	Peak
5190	94.3	-	-	85.3	34.28	9.49	34.77	100	95	Average
5190	106.25	-	-	97.3	34.3	9.49	34.84	100	95	Peak
5358	43.21	-10.79	54	34.38	34.45	9.78	35.4	100	95	Average
5358	53.07	-20.93	74	44.24	34.45	9.78	35.4	100	95	Peak



Test Mode :	802.11n (HT-40) H channel	Temperature :	23~25°C
Test Channel :	46	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5230 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5150	44.61	-9.39	54	35.6	34.25	9.41	34.65	100	95	Average
5150	61.02	-12.98	74	52.01	34.25	9.41	34.65	100	95	Peak
5230	94.22	-	-	85.32	34.33	9.53	34.96	100	95	Average
5230	106.63	-	-	97.68	34.32	9.53	34.9	100	95	Peak
5356	40.98	-13.02	54	32.15	34.45	9.78	35.4	100	95	Average
5356	55.8	-18.2	74	46.97	34.45	9.78	35.4	100	95	Peak
15690	39.26	-14.74	54	64.82	-6.68	14.18	33.06	100	289	Average
15690	50.59	-23.41	74	76.15	-6.68	14.2	33.08	100	289	Peak

Test Mode :	802.11n (HT-40) H channel	Temperature :	23~25°C
Test Channel :	46	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5230 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5147.04	52.39	-1.61	54	43.38	34.25	9.41	34.65	100	95	Average
5147.04	70.6	-3.4	74	61.59	34.25	9.41	34.65	100	95	Peak
5230	101.94	-	-	93.04	34.33	9.53	34.96	100	95	Average
5230	114.89	-	-	105.99	34.33	9.53	34.96	100	95	Peak
5356	41.82	-12.18	54	32.99	34.45	9.78	35.4	100	95	Average
5356	60.7	-13.3	74	51.87	34.45	9.78	35.4	100	95	Peak
10460	44.66	-29.34	74	76.62	-9.05	11.18	34.09	100	289	Peak
15690	45.19	-8.81	54	70.75	-6.68	14.18	33.06	100	289	Average
15690	60.44	-13.56	74	85.99	-6.67	14.18	33.06	100	289	Peak

Test Mode :	802.11n (HT-40) L channel	Temperature :	23~25°C
Test Channel :	54	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5270 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5062.56	39.91	-14.09	54	30.82	34.17	9.25	34.33	100	82	Average
5062.56	53.46	-20.54	74	44.37	34.17	9.25	34.33	100	82	Peak
5270	95.96	-	-	87.06	34.37	9.62	35.09	100	82	Average
5270	107.55	-	-	98.7	34.38	9.62	35.15	100	82	Peak
5358	43.11	-10.89	54	34.28	34.45	9.78	35.4	100	82	Average
5358	62.73	-11.27	74	53.9	34.45	9.78	35.4	100	82	Peak
10540	40.88	-33.12	74	72.64	-9.04	11.31	34.03	100	103	Peak
15810	33.85	-20.15	54	59.48	-6.72	14.25	33.16	100	103	Average
15810	48.15	-25.85	74	73.78	-6.72	14.23	33.14	100	103	Peak



Test Mode :	802.11n (HT-40) L channel	Temperature :	23~25°C
Test Channel :	54	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5270 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5148.5	40.8	-13.2	54	31.79	34.25	9.41	34.65	100	82	Average
5148.5	54.62	-19.38	74	45.61	34.25	9.41	34.65	100	82	Peak
5270	98.59	-	-	89.69	34.37	9.62	35.09	100	82	Average
5270	111.75	-	-	102.9	34.38	9.62	35.15	100	82	Peak
5354.95	47.92	-6.08	54	39.09	34.45	9.78	35.4	100	82	Average
5354.95	68.76	-5.24	74	59.93	34.45	9.78	35.4	100	82	Peak
15810	47.9	-6.1	54	73.53	-6.72	14.25	33.16	100	103	Average
15810	63.16	-10.84	74	88.8	-6.73	14.26	33.17	100	103	Peak



Test Mode :	802.11n (HT-40) H channel	Temperature :	23~25°C
Test Channel :	62	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5310 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5016.48	40.24	-13.76	54	31.09	34.12	9.17	34.14	100	273	Average
5016.48	53	-21	74	43.85	34.12	9.17	34.14	100	273	Peak
5310	87.62	-	-	78.78	34.42	9.7	35.28	100	273	Average
5310	99.75	-	-	90.91	34.42	9.7	35.28	100	273	Peak
5351.52	46.1	-7.9	54	37.31	34.45	9.74	35.4	100	273	Average
5351.52	63.31	-10.69	74	54.52	34.45	9.74	35.4	100	273	Peak

Test Mode :	802.11n (HT-40) H channel	Temperature :	23~25°C
Test Channel :	62	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5310 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5064.48	40.23	-13.77	54	31.14	34.17	9.25	34.33	100	273	Average
5064.48	53.51	-20.49	74	44.42	34.17	9.25	34.33	100	273	Peak
5310	94.12	-	-	85.28	34.42	9.7	35.28	100	273	Average
5310	106.95	-	-	98.11	34.42	9.7	35.28	100	273	Peak
5350	52.37	-1.63	54	43.58	34.45	9.74	35.4	100	273	Average
5350	73.66	-0.34	74	64.87	34.45	9.74	35.4	100	273	Peak

Test Mode :	802.11n (HT-40) L channel	Temperature :	23~25°C
Test Channel :	102	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5510 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5458	47.07	-6.93	54	39.25	34.16	6.85	33.19	100	110	Average
5458	65.4	-8.6	74	57.58	34.16	6.85	33.19	100	110	Peak
5470	52.85	-15.45	68.3	45	34.17	6.87	33.19	100	110	Average
5470	70.35	-17.95	88.3	62.5	34.17	6.87	33.19	100	110	Peak
5510	91.45	-	-	83.54	34.2	6.88	33.17	100	110	Average
5510	104.28	-	-	96.38	34.2	6.88	33.18	100	110	Peak
5725	39.74	-28.56	68.3	31.41	34.51	7.01	33.19	100	110	Average
5725	51.33	-36.97	88.3	43	34.51	7.01	33.19	100	110	Peak

Test Mode :	802.11n (HT-40) L channel	Temperature :	23~25°C
Test Channel :	102	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5510 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5460	50.92	-3.08	54	43.1	34.16	6.85	33.19	100	110	Average
5460	73.26	-0.74	74	65.44	34.16	6.85	33.19	100	110	Peak
5470	58.11	-10.19	68.3	50.26	34.17	6.87	33.19	100	110	Average
5470	77.42	-10.88	88.3	69.57	34.17	6.87	33.19	100	110	Peak
5510	96.39	-	-	88.48	34.2	6.88	33.17	100	110	Average
5510	109.61	-	-	101.71	34.2	6.88	33.18	100	110	Peak
5725	39.9	-28.4	68.3	31.57	34.51	7.01	33.19	100	110	Average
5725	52.15	-36.15	88.3	43.82	34.51	7.01	33.19	100	110	Peak



Test Mode :	802.11n (HT-40) M channel	Temperature :	23~25°C
Test Channel :	118	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5590 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5456	41.33	-12.67	54	33.51	34.16	6.85	33.19	100	110	Average
5456	52.9	-21.1	74	45.08	34.16	6.85	33.19	100	110	Peak
5470	40.31	-27.99	68.3	32.46	34.17	6.87	33.19	100	110	Average
5470	52.77	-35.53	88.3	44.92	34.17	6.87	33.19	100	110	Peak
5590	96.56	-	-	88.48	34.32	6.94	33.18	100	110	Average
5590	109.63	-	-	101.53	34.34	6.94	33.18	100	110	Peak
5725	40.03	-28.27	68.3	31.7	34.51	7.01	33.19	100	110	Average
5725	52.12	-36.18	88.3	43.79	34.51	7.01	33.19	100	110	Peak

Test Mode :	802.11n (HT-40) M channel	Temperature :	23~25°C
Test Channel :	118	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5590 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5458	41.89	-12.11	54	34.07	34.16	6.85	33.19	100	110	Average
5458	57.74	-16.26	74	49.92	34.16	6.85	33.19	100	110	Peak
5470	42.34	-25.96	68.3	34.49	34.17	6.87	33.19	100	110	Average
5470	56.13	-32.17	88.3	48.28	34.17	6.87	33.19	100	110	Peak
5590	100.05	-	-	91.97	34.32	6.94	33.18	100	110	Average
5590	113.28	-	-	105.21	34.32	6.93	33.18	100	110	Peak
5725	41.69	-26.61	68.3	33.36	34.51	7.01	33.19	100	110	Average
5725	51.67	-36.63	88.3	43.34	34.51	7.01	33.19	100	110	Peak
11180	48.71	-5.29	54	56.06	37.85	10.46	55.66	120	54	Average
11180	62.63	-11.37	74	69.98	37.85	10.46	55.66	120	54	Peak

Test Mode :	802.11n (HT-40) H channel	Temperature :	23~25°C
Test Channel :	134	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5670 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5404	40.85	-13.15	54	33.11	34.12	6.83	33.21	100	259	Average
5404	52.38	-21.62	74	44.64	34.12	6.83	33.21	100	259	Peak
5470	39.43	-28.87	68.3	31.58	34.17	6.87	33.19	100	259	Average
5470	51.26	-37.04	88.3	43.41	34.17	6.87	33.19	100	259	Peak
5670	93.03	-	-	84.78	34.44	6.99	33.18	100	259	Average
5670	105.9	-	-	97.65	34.44	6.99	33.18	100	259	Peak
5725	48.68	-19.62	68.3	40.35	34.51	7.01	33.19	100	259	Average
5725	70.87	-17.43	88.3	62.54	34.51	7.01	33.19	100	259	Peak

Test Mode :	802.11n (HT-40) H channel	Temperature :	23~25°C
Test Channel :	134	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5670 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5424	48.3	-5.7	54	40.54	34.13	6.84	33.21	100	259	Average
5424	54.76	-19.24	74	47	34.13	6.84	33.21	100	259	Peak
5470	47.55	-20.75	68.3	39.7	34.17	6.87	33.19	100	259	Average
5470	53.19	-35.11	88.3	45.34	34.17	6.87	33.19	100	259	Peak
5670	103.92	-	-	95.67	34.44	6.99	33.18	100	259	Average
5670	116.94	-	-	108.69	34.44	6.99	33.18	100	259	Peak
5725	64.36	-3.94	68.3	56.03	34.51	7.01	33.19	100	259	Average
5725	84.29	-4.01	88.3	75.96	34.51	7.01	33.19	100	259	Peak
11340	46.61	-7.39	54	53.86	37.97	10.47	55.69	132	36	Average
11340	59.13	-14.87	74	66.38	37.97	10.47	55.69	132	36	Peak

<Beam-Forming On: 2x3>

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	36	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5147.6	41.7	-12.3	54	34.41	33.92	6.7	33.33	100	297	Average
5147.6	61.89	-12.11	74	54.6	33.92	6.7	33.33	100	297	Peak
5180	92.76	-	-	85.42	33.95	6.71	33.32	100	297	Average
5180	104.18	-	-	96.84	33.95	6.71	33.32	100	297	Peak
5388	39.39	-14.61	54	31.67	34.11	6.83	33.22	100	297	Average
5388	54.32	-19.68	74	46.6	34.11	6.83	33.22	100	297	Peak

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	36	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5180 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5148.95	46.81	-7.19	54	39.52	33.92	6.7	33.33	100	297	Average
5148.95	70.47	-3.53	74	63.18	33.92	6.7	33.33	100	297	Peak
5180	101.35	-	-	94.01	33.95	6.71	33.32	100	297	Average
5180	112.49	-	-	105.15	33.95	6.71	33.32	100	297	Peak
5428	43.84	-10.16	54	36.08	34.13	6.84	33.21	100	297	Average
5428	55.05	-18.95	74	47.29	34.13	6.84	33.21	100	297	Peak



Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	44	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5034	39.71	-14.29	54	32.63	33.83	6.63	33.38	100	280	Average
5034	54.43	-19.57	74	47.35	33.83	6.63	33.38	100	280	Peak
5220	94.77	-	-	87.36	33.97	6.74	33.3	100	280	Average
5220	105.99	-	-	98.58	33.97	6.74	33.3	100	280	Peak
5362	41.92	-12.08	54	34.24	34.09	6.82	33.23	100	280	Average
5362	54.32	-19.68	74	46.64	34.09	6.82	33.23	100	280	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	44	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5220 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5112	40.75	-13.25	54	33.53	33.89	6.68	33.35	100	280	Average
5112	54.74	-19.26	74	47.52	33.89	6.68	33.35	100	280	Peak
5220	100.85	-	-	93.44	33.97	6.74	33.3	100	280	Average
5220	112.38	-	-	104.97	33.97	6.74	33.3	100	280	Peak
5360	49.76	-4.24	54	42.11	34.08	6.8	33.23	100	280	Average
5360	57.67	-16.33	74	50.02	34.08	6.8	33.23	100	280	Peak

Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	48	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5002	39.77	-14.23	54	32.74	33.8	6.62	33.39	100	280	Average
5002	54.4	-19.6	74	47.37	33.8	6.62	33.39	100	280	Peak
5240	96.53	-	-	89.08	33.99	6.75	33.29	100	280	Average
5240	107.85	-	-	100.4	33.99	6.75	33.29	100	280	Peak
5414	42.06	-11.94	54	34.3	34.13	6.84	33.21	100	280	Average
5414	54.8	-19.2	74	47.04	34.13	6.84	33.21	100	280	Peak
10480	38	-30.3	68.3	46.91	37.39	10.17	56.47	119	110	Average
10480	50.07	-38.23	88.3	58.98	37.39	10.17	56.47	119	110	Peak



Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	48	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5240 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5114	40.82	-13.18	54	33.6	33.89	6.68	33.35	100	280	Average
5114	55.58	-18.42	74	48.36	33.89	6.68	33.35	100	280	Peak
5240	100.68	-	-	93.23	33.99	6.75	33.29	100	280	Average
5240	112.28	-	-	104.83	33.99	6.75	33.29	100	280	Peak
5360	50.02	-3.98	54	42.37	34.08	6.8	33.23	100	280	Average
5360	56.04	-17.96	74	48.39	34.08	6.8	33.23	100	280	Peak
15720	46.01	-7.99	54	47.37	40.2	12.25	53.81	119	110	Average
15720	60.15	-13.85	74	61.51	40.2	12.25	53.81	119	110	Peak



Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	52	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5260 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5096	35.87	-18.13	54	28.67	33.88	6.67	33.35	100	83	Average
5096	51.16	-22.84	74	43.96	33.88	6.67	33.35	100	83	Peak
5260	101.52	-	-	94.03	34.01	6.75	33.27	100	83	Average
5260	108.31	-	-	100.81	34.01	6.76	33.27	100	83	Peak
5360	37.31	-16.69	54	29.66	34.08	6.8	33.23	100	83	Average
5360	51.36	-22.64	74	43.71	34.08	6.8	33.23	100	83	Peak
15780	43.01	-10.99	54	44.47	40.2	12.2	53.86	171	289	Average
15780	56.38	-17.62	74	57.84	40.2	12.2	53.86	171	289	Peak

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	52	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5260 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5142	39.89	-14.11	54	32.64	33.91	6.68	33.34	100	83	Average
5142	54.91	-19.09	74	47.66	33.91	6.68	33.34	100	83	Peak
5260	106.17	-	-	98.68	34.01	6.75	33.27	100	83	Average
5260	113.24	-	-	105.74	34.01	6.76	33.27	100	83	Peak
5458	41.93	-12.07	54	34.14	34.15	6.84	33.2	100	83	Average
5458	55.81	-18.19	74	48.02	34.15	6.84	33.2	100	83	Peak
15780	53.31	-0.69	54	54.77	40.2	12.2	53.86	182	171	Average
15780	66.63	-7.37	74	68.09	40.2	12.2	53.86	182	171	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5300 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5046	38.15	-15.85	54	31.03	33.84	6.65	33.37	100	282	Average
5046	55.09	-18.91	74	47.97	33.84	6.65	33.37	100	282	Peak
5300	98.36	-	-	90.8	34.04	6.78	33.26	100	282	Average
5300	109.64	-	-	102.08	34.04	6.78	33.26	100	282	Peak
5350	41.22	-12.78	54	33.58	34.08	6.8	33.24	100	282	Average
5350	58.8	-15.2	74	51.16	34.08	6.8	33.24	100	282	Peak
10600	43.11	-10.89	54	51.71	37.46	10.22	56.28	100	256	Average
10600	56.61	-17.39	74	65.21	37.46	10.22	56.28	100	256	Peak
15900	43.87	-10.13	54	45.52	40.2	12.12	53.97	100	0	Average
15900	57.37	-16.63	74	59.02	40.2	12.12	53.97	100	0	Peak

Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	60	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5300 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5100	39.17	-14.83	54	31.97	33.88	6.67	33.35	100	282	Average
5100	55.65	-18.35	74	48.45	33.88	6.67	33.35	100	282	Peak
5300	105.24	-	-	97.68	34.04	6.78	33.26	100	282	Average
5300	117.12	-	-	109.56	34.04	6.78	33.26	100	282	Peak
5356	46.47	-7.53	54	38.82	34.08	6.8	33.23	100	282	Average
5356	68.21	-5.79	74	60.56	34.08	6.8	33.23	100	282	Peak
10600	46.43	-7.57	54	55.03	37.46	10.22	56.28	155	0	Average
10600	58.8	-15.2	74	67.4	37.46	10.22	56.28	155	0	Peak
15900	53.64	-0.36	54	55.29	40.2	12.12	53.97	137	78	Average
15900	67.14	-6.86	74	68.79	40.2	12.12	53.97	137	78	Peak



Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	64	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5320 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5112.2	48.45	-5.55	54	41.23	33.89	6.68	33.35	100	295	Average
5112.2	61.61	-12.39	74	54.39	33.89	6.68	33.35	100	295	Peak
5320	93.96	-	-	86.37	34.05	6.79	33.25	100	295	Average
5320	105.58	-	-	97.99	34.05	6.79	33.25	100	295	Peak
5351.65	49.11	-4.89	54	41.47	34.08	6.8	33.24	100	295	Average
5351.65	63.14	-10.86	74	55.5	34.08	6.8	33.24	100	295	Peak

Test Mode :	802.11n (HT-20) H channel	Temperature :	23~25°C
Test Channel :	64	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5320 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5012.15	48.32	-5.68	54	41.27	33.81	6.63	33.39	100	295	Average
5012.15	61.96	-12.04	74	54.91	33.81	6.63	33.39	100	295	Peak
5320	101.47	-	-	93.88	34.05	6.79	33.25	100	295	Average
5320	113.19	-	-	105.6	34.05	6.79	33.25	100	295	Peak
5350.55	51.81	-2.19	54	44.17	34.08	6.8	33.24	100	295	Average
5350.55	73.68	-0.32	74	66.04	34.08	6.8	33.24	100	295	Peak
10640	43.41	-10.59	54	51.9	37.48	10.25	56.22	136	109	Average
10640	53.43	-20.57	74	61.92	37.48	10.25	56.22	136	109	Peak
15960	47.95	-6.05	54	49.71	40.2	12.08	54.04	159	173	Average
15960	57.97	-16.03	74	59.73	40.2	12.08	54.04	159	173	Peak

Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	100	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5500 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5458.72	39.92	-14.08	54	32.1	34.16	6.85	33.19	100	271	Average
5458.72	59.63	-14.37	74	51.81	34.16	6.85	33.19	100	271	Peak
5470	45.38	-22.92	68.3	37.53	34.17	6.87	33.19	100	271	Average
5470	65.4	-22.9	88.3	57.55	34.17	6.87	33.19	100	271	Peak
5500	86.48	-	-	78.57	34.2	6.88	33.17	100	271	Average
5500	97.91	-	-	90	34.2	6.88	33.17	100	271	Peak
5725	38.82	-29.48	68.3	30.49	34.51	7.01	33.19	100	271	Average
5725	54.02	-34.28	88.3	45.69	34.51	7.01	33.19	100	271	Peak
11000	44.56	-9.44	54	52.04	37.7	10.44	55.62	145	18	Average
11000	57.64	-16.36	74	65.12	37.7	10.44	55.62	145	18	Peak



Test Mode :	802.11n (HT-20) L channel	Temperature :	23~25°C
Test Channel :	100	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Vertical
Remark :	5500 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5459.56	43.62	-10.38	54	35.8	34.16	6.85	33.19	100	271	Average
5459.56	68.44	-5.56	74	60.62	34.16	6.85	33.19	100	271	Peak
5470	54.87	-13.43	68.3	47.02	34.17	6.87	33.19	100	271	Average
5470	75.51	-12.79	88.3	67.66	34.17	6.87	33.19	100	271	Peak
5500	98.39	-	-	90.48	34.2	6.88	33.17	100	271	Average
5500	110.12	-	-	102.21	34.2	6.88	33.17	100	271	Peak
5725	39.05	-29.25	68.3	30.72	34.51	7.01	33.19	100	271	Average
5725	54.97	-33.33	88.3	46.64	34.51	7.01	33.19	100	271	Peak
11000	50.13	-3.87	54	57.61	37.7	10.44	55.62	145	18	Average
11000	62.23	-11.77	74	69.71	37.7	10.44	55.62	145	18	Peak



Test Mode :	802.11n (HT-20) M channel	Temperature :	23~25°C
Test Channel :	120	Relative Humidity :	56~60%
Test Engineer :	Wii Chang	Polarization :	Horizontal
Remark :	5600 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
5470	38.07	-30.23	68.3	30.22	34.17	6.87	33.19	100	251	Average
5470	53.51	-34.79	88.3	45.66	34.17	6.87	33.19	100	251	Peak
5600	89.68	-	-	81.58	34.34	6.94	33.18	100	251	Average
5600	101.5	-	-	93.4	34.34	6.94	33.18	100	251	Peak
5725	38.79	-29.51	68.3	30.46	34.51	7.01	33.19	100	251	Average
5725	52.75	-35.55	88.3	44.42	34.51	7.01	33.19	100	251	Peak
11200	43.57	-10.43	54	50.91	37.86	10.46	55.66	154	17	Average
11200	56.01	-17.99	74	63.35	37.86	10.46	55.66	154	17	Peak