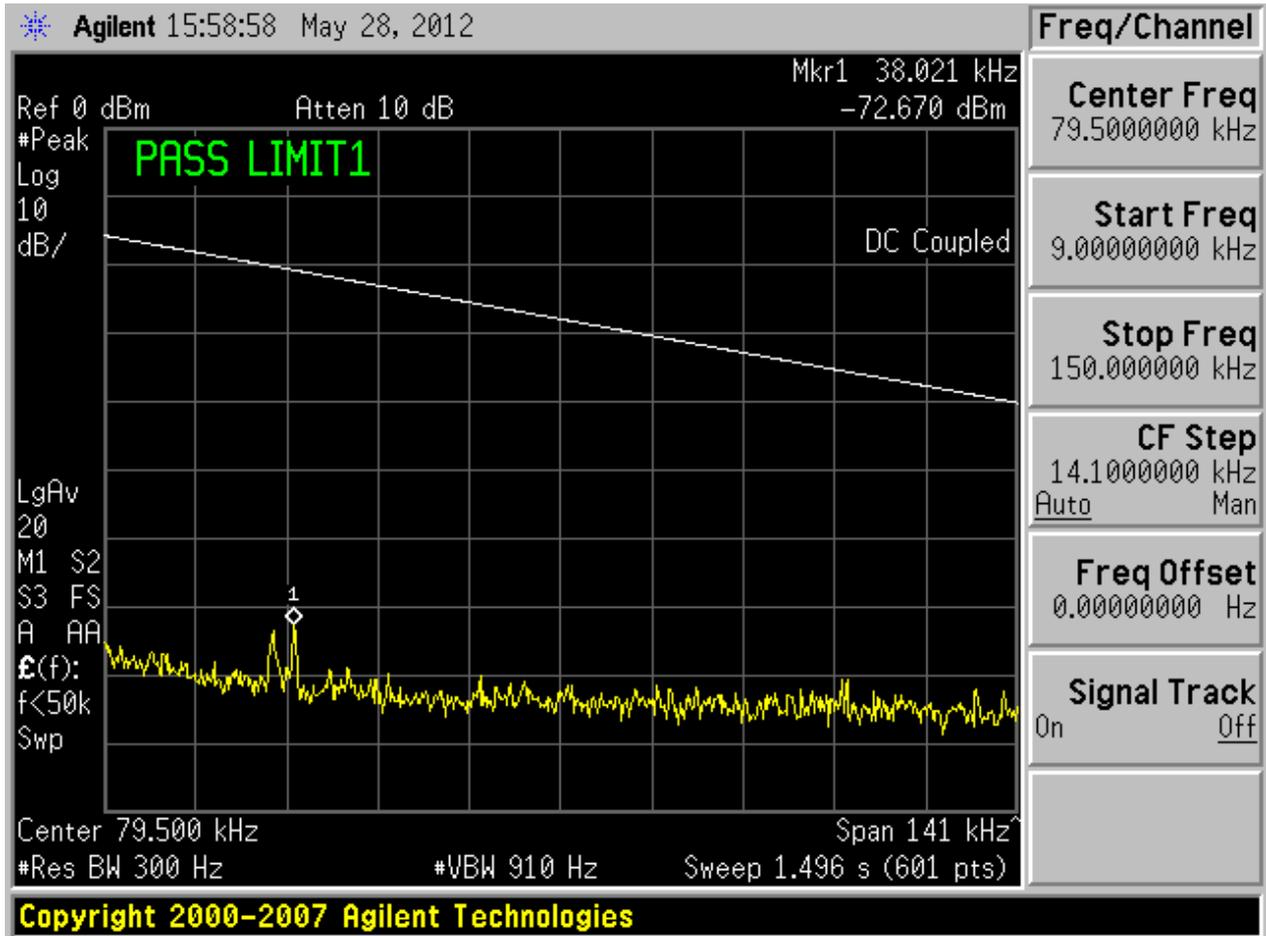
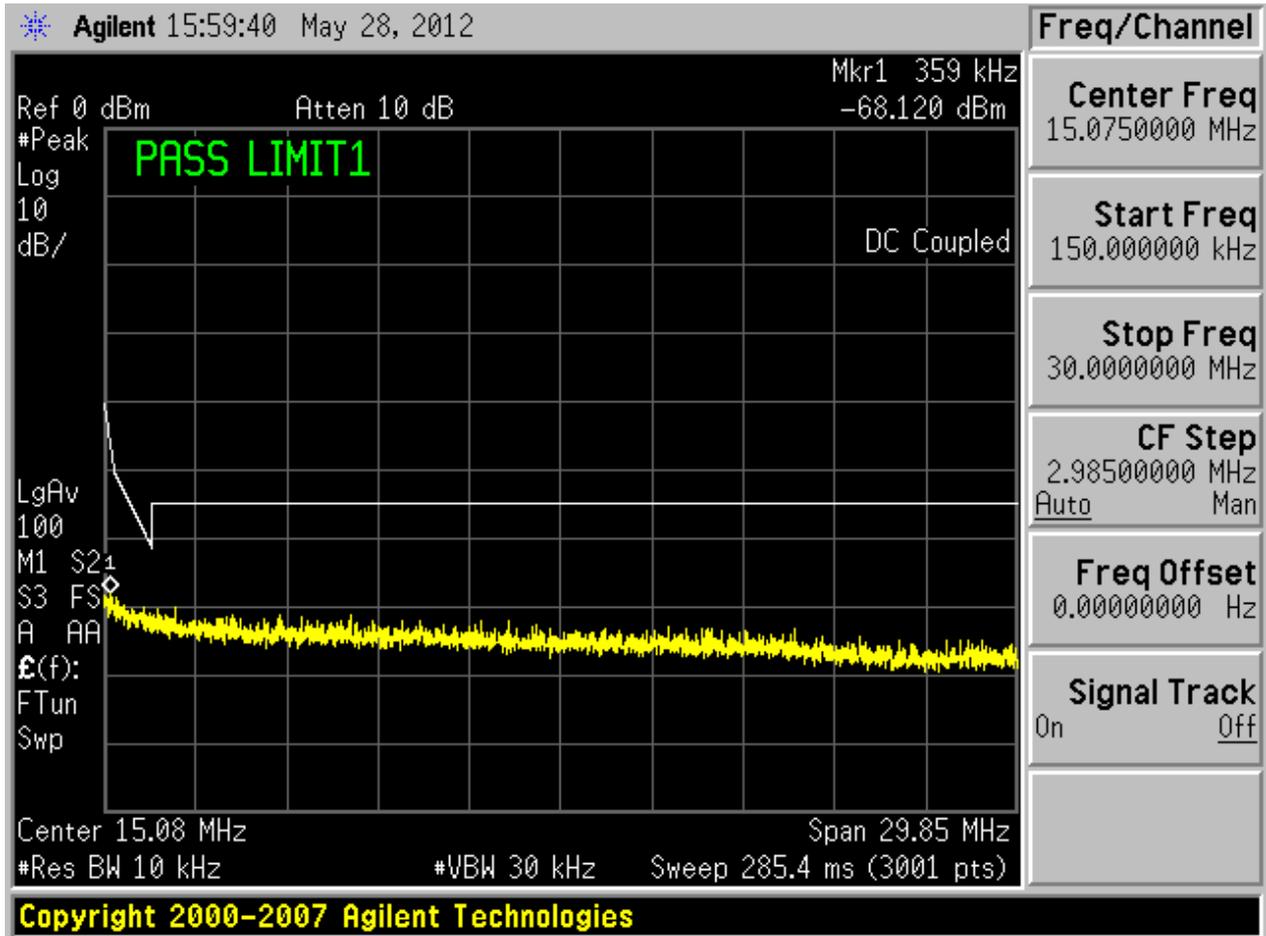
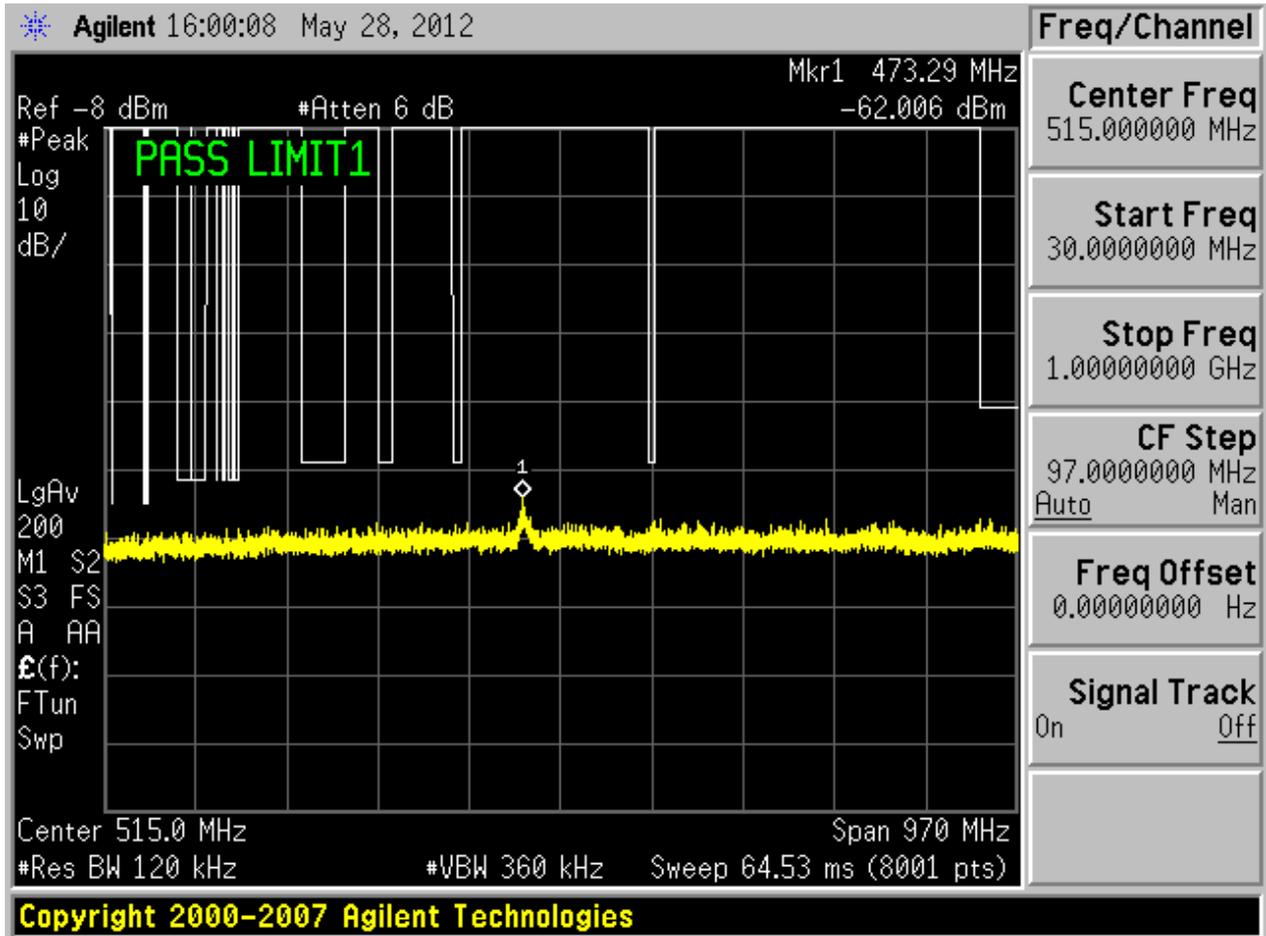
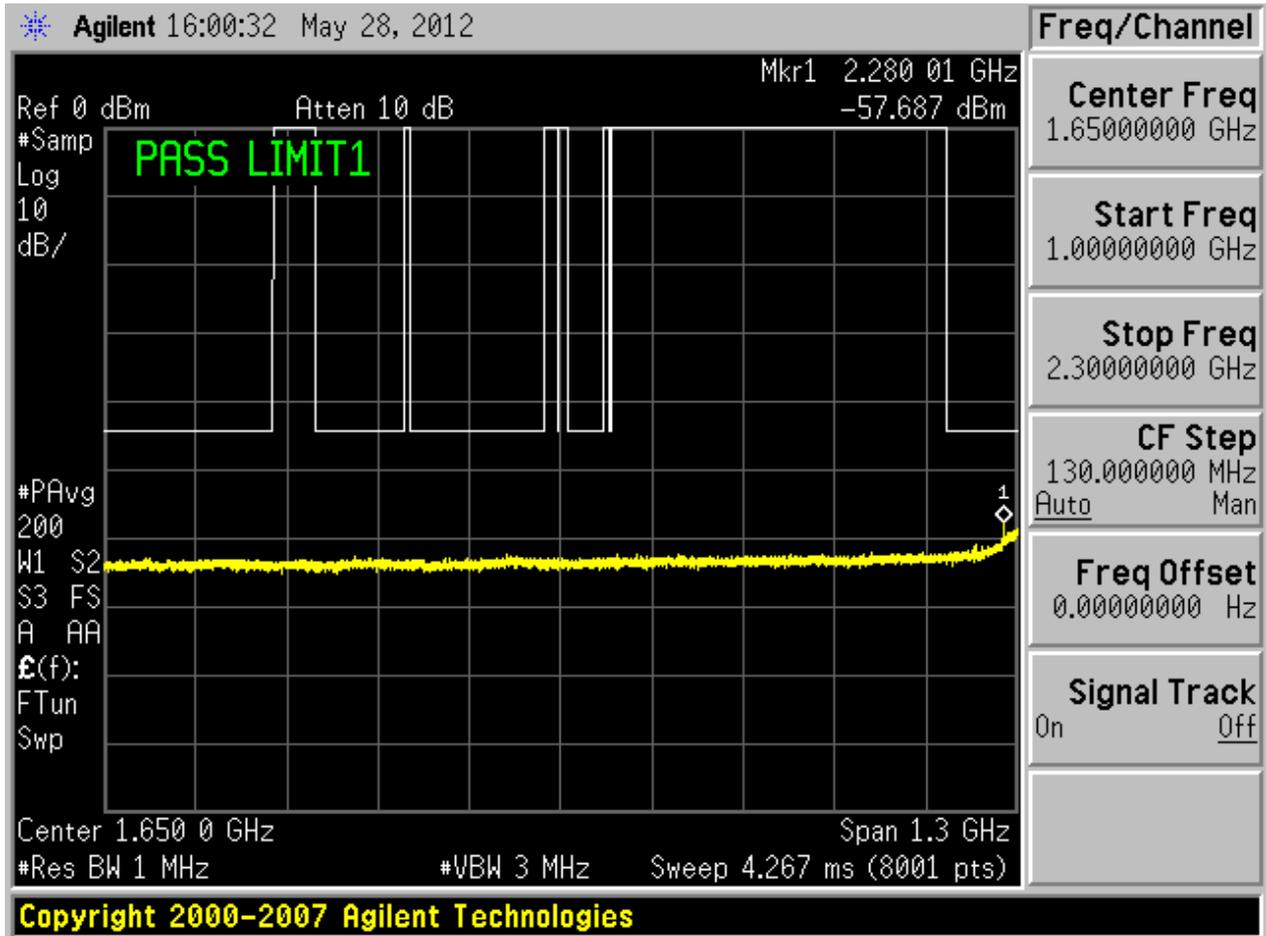


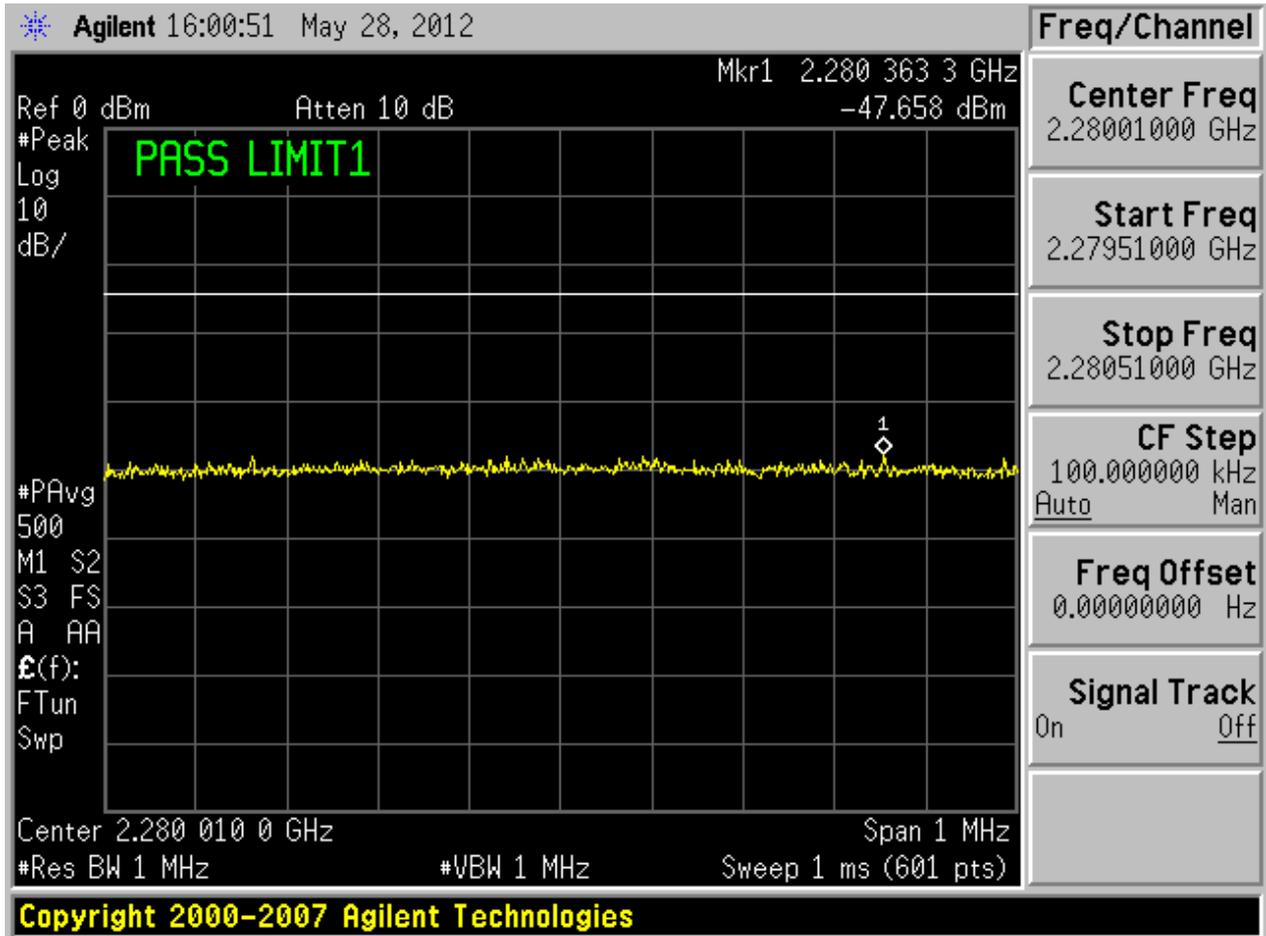
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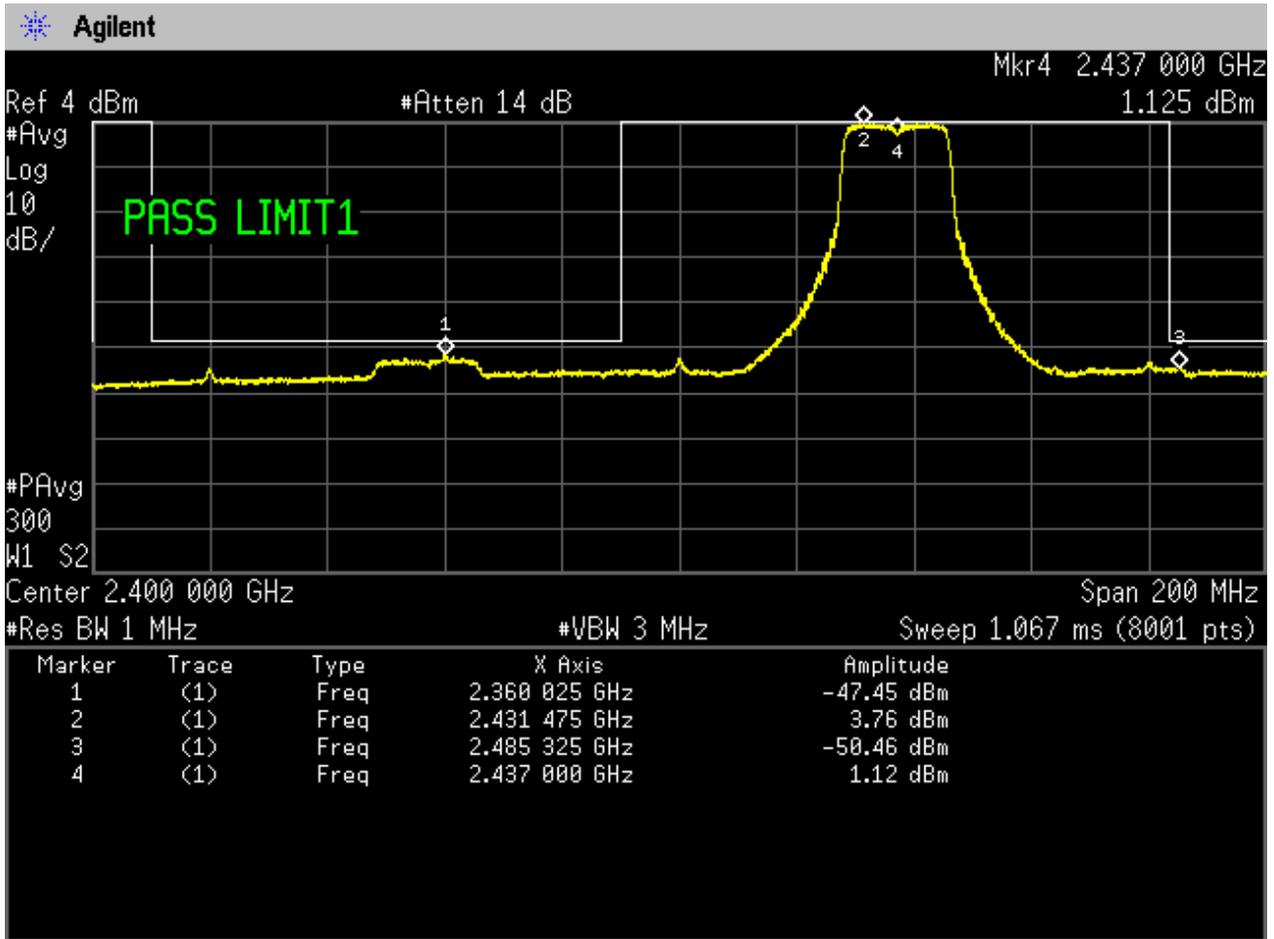


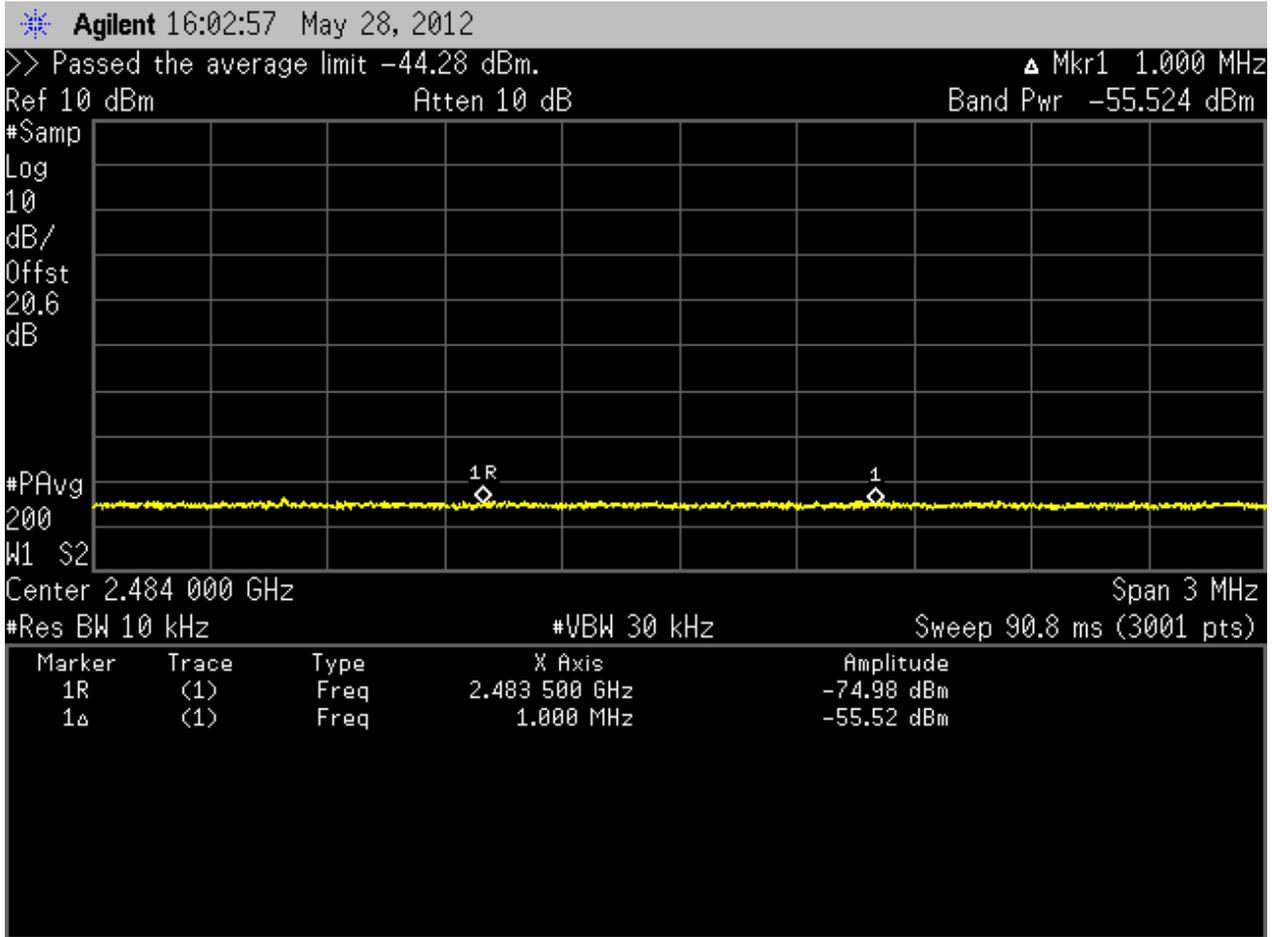


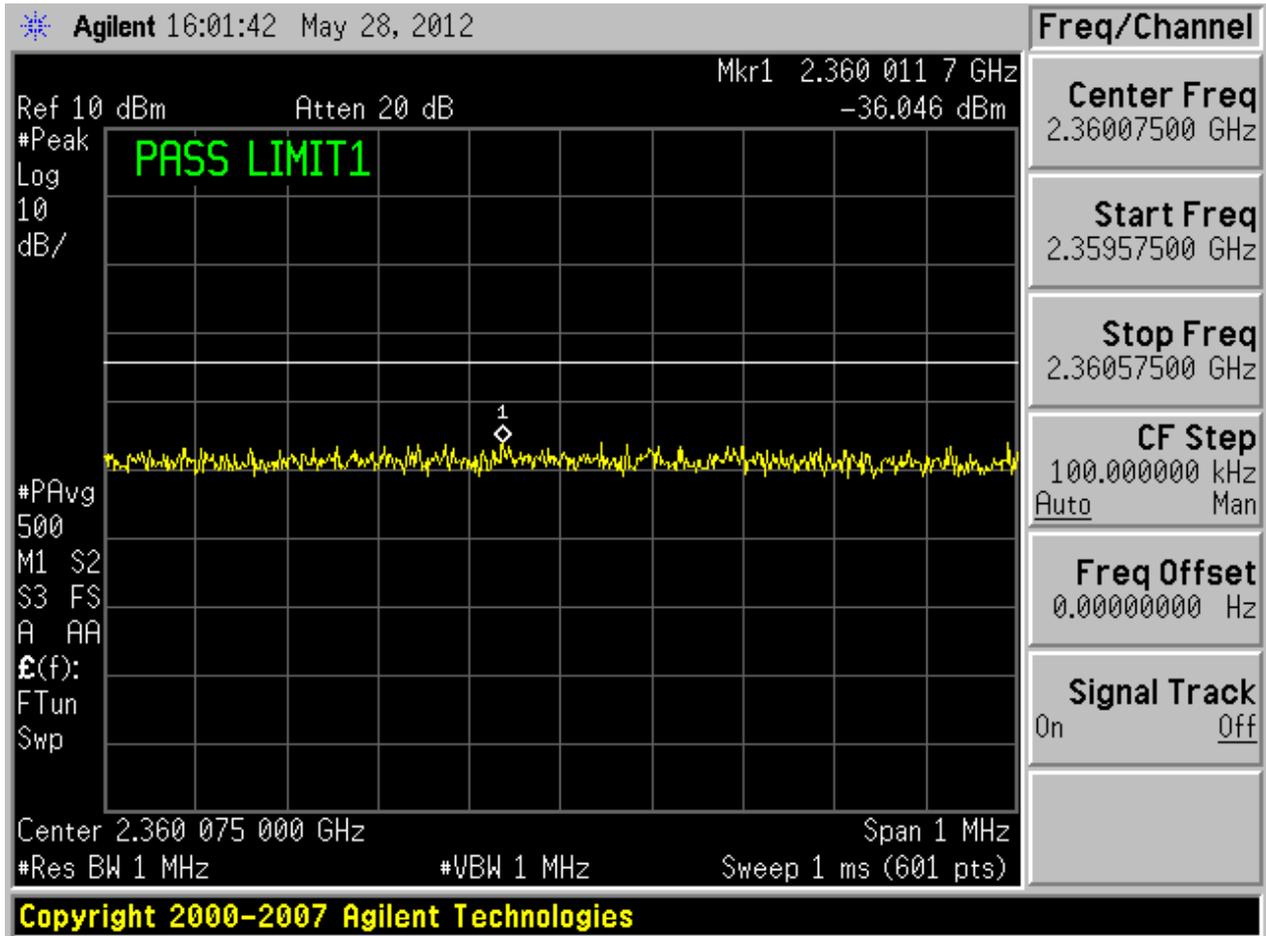


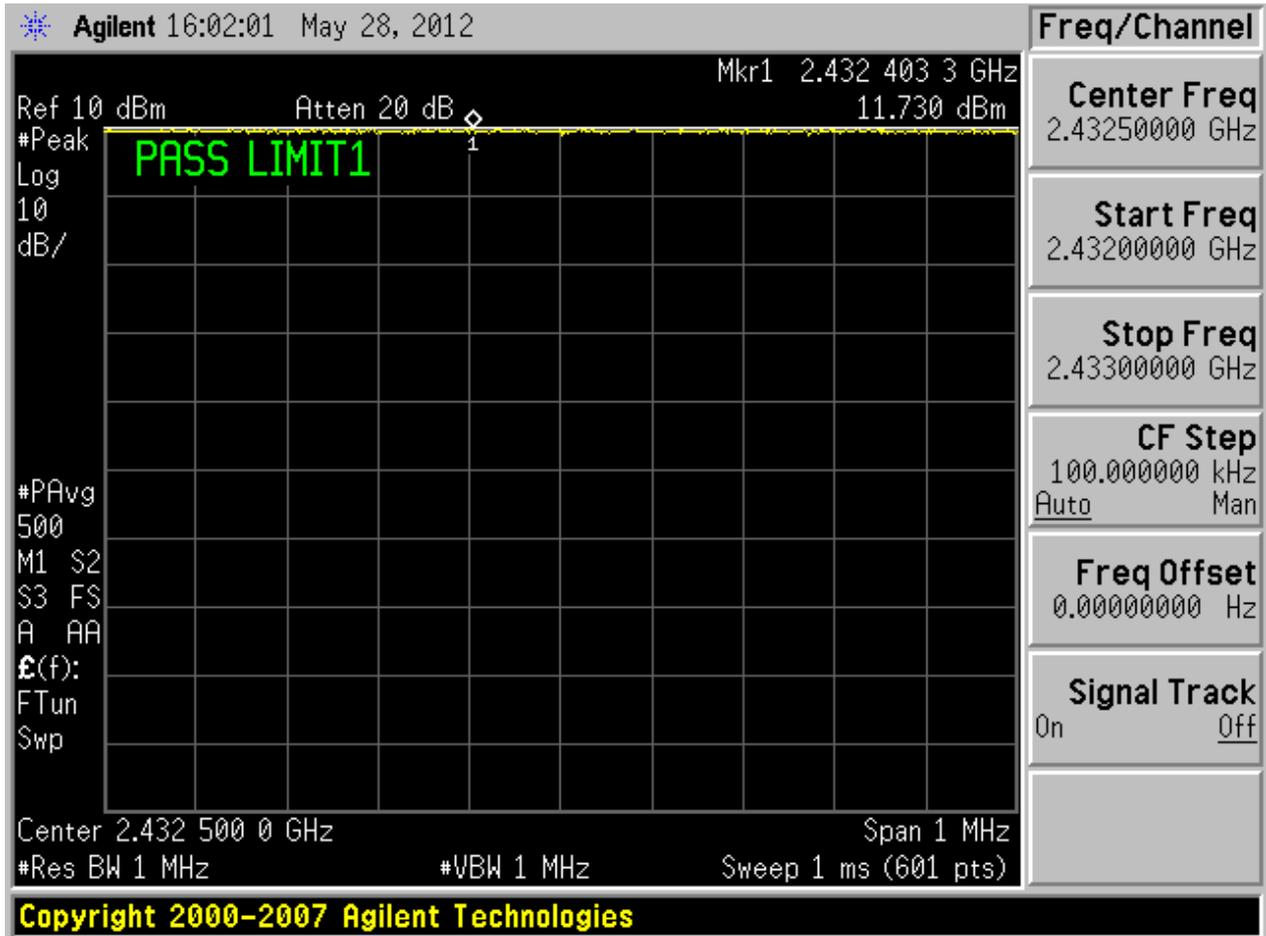


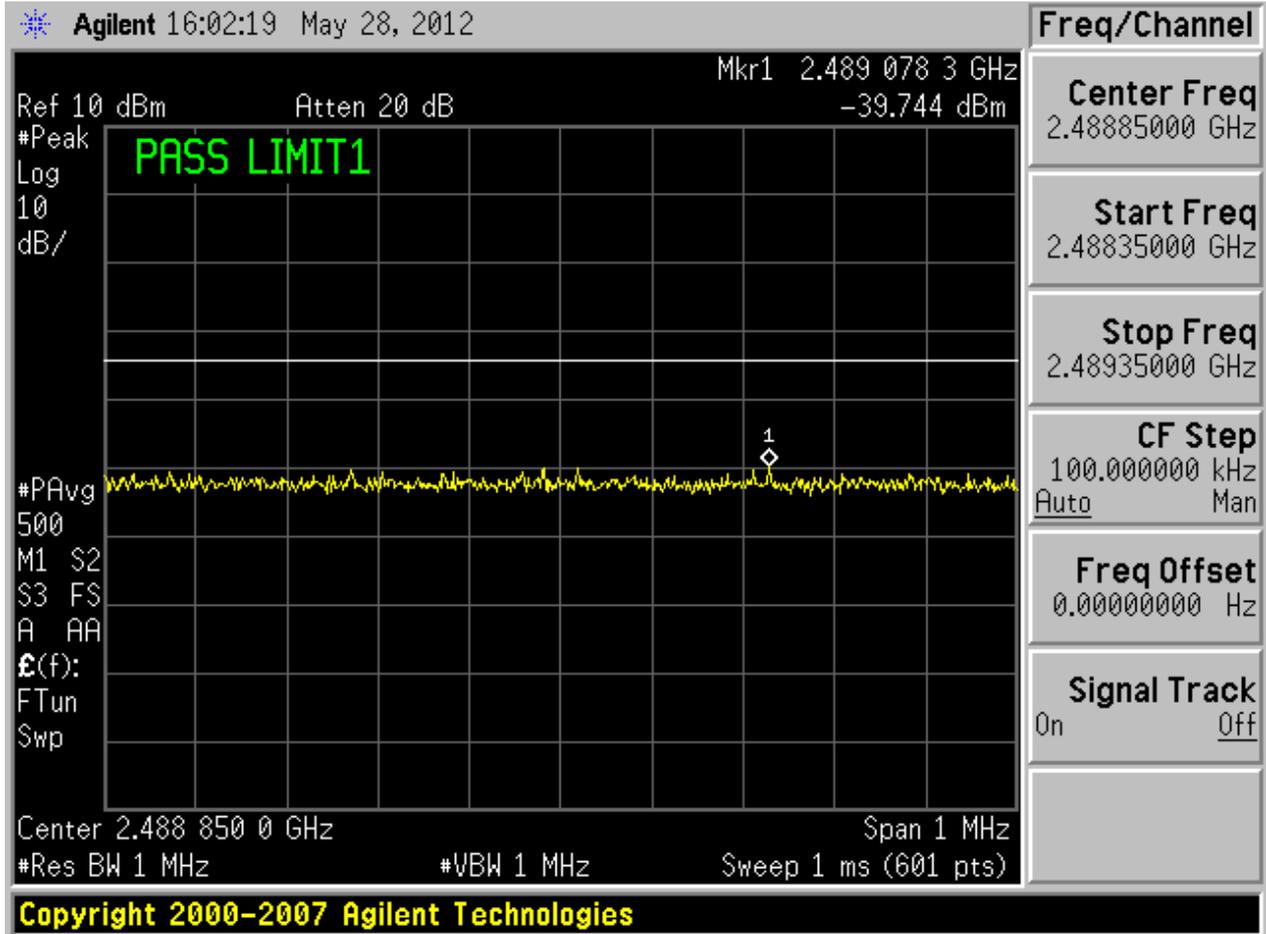


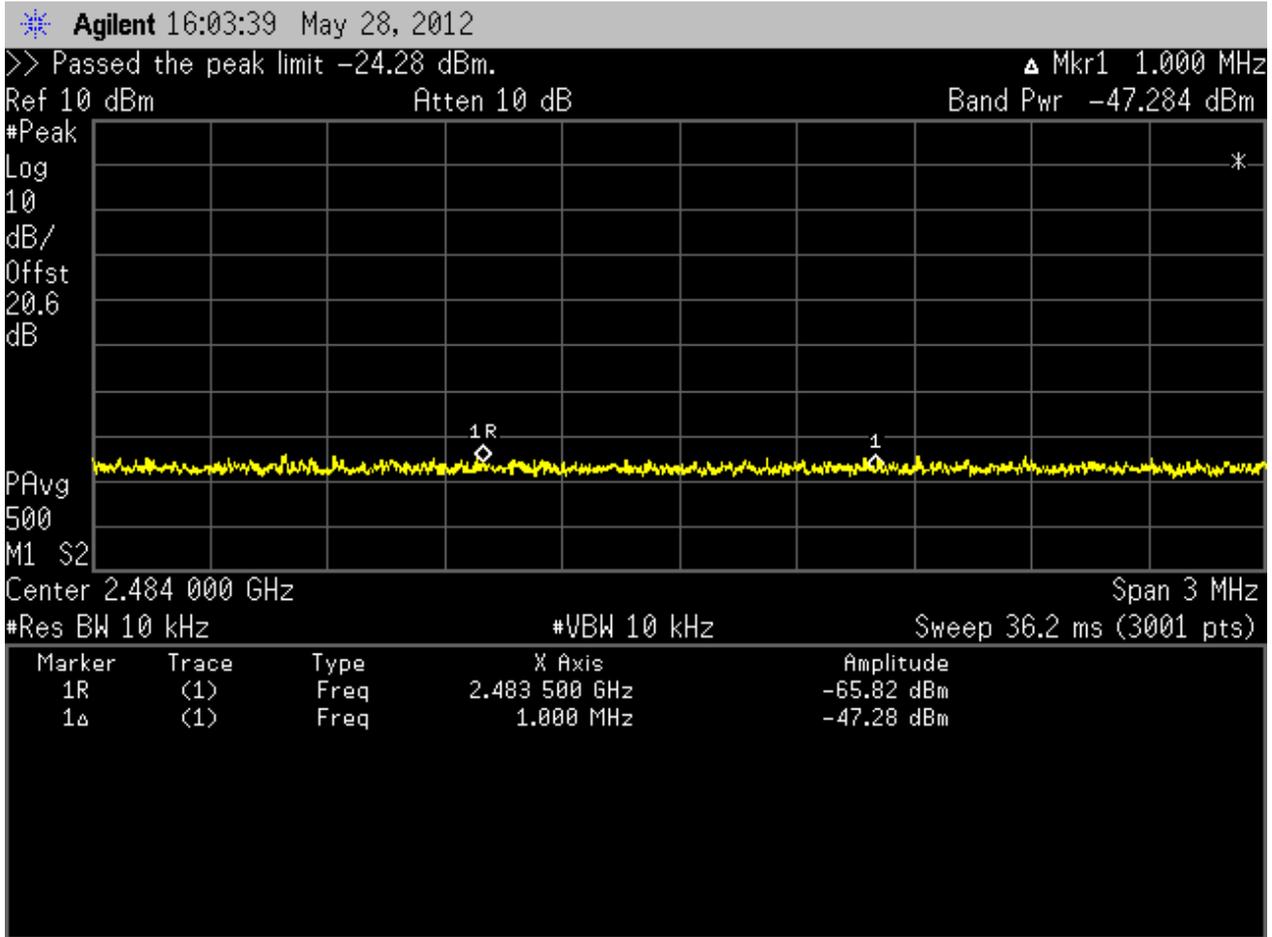


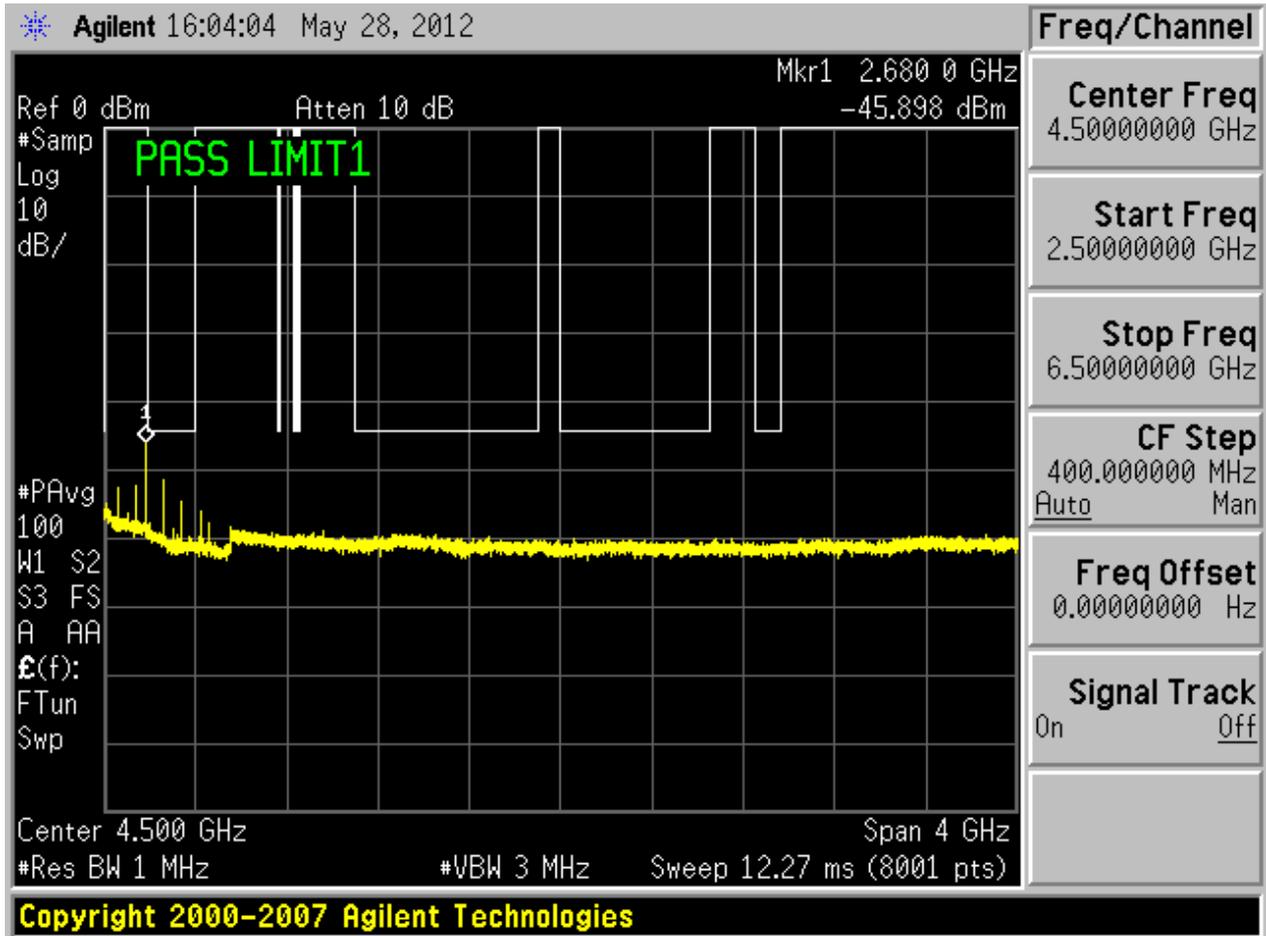


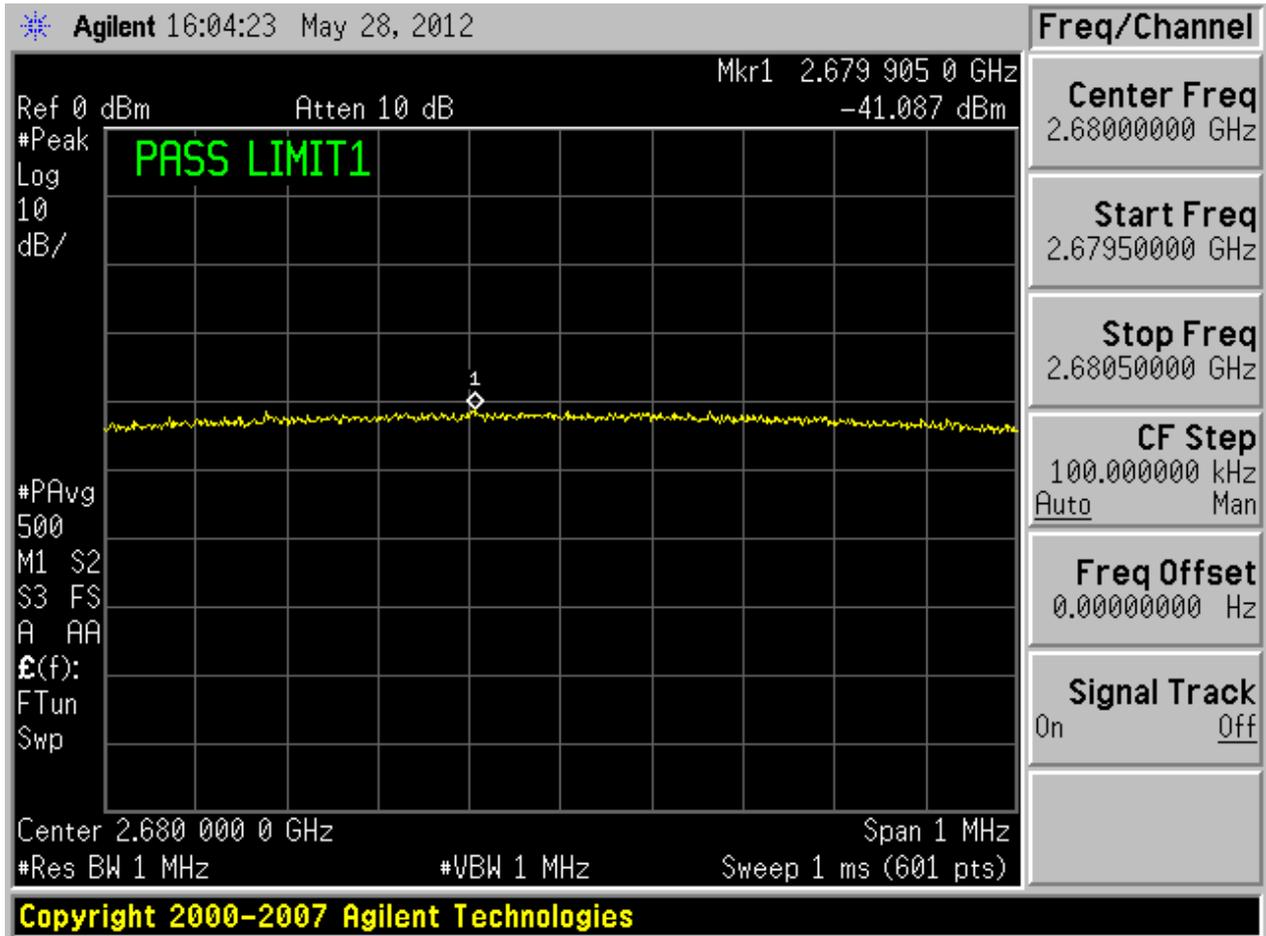


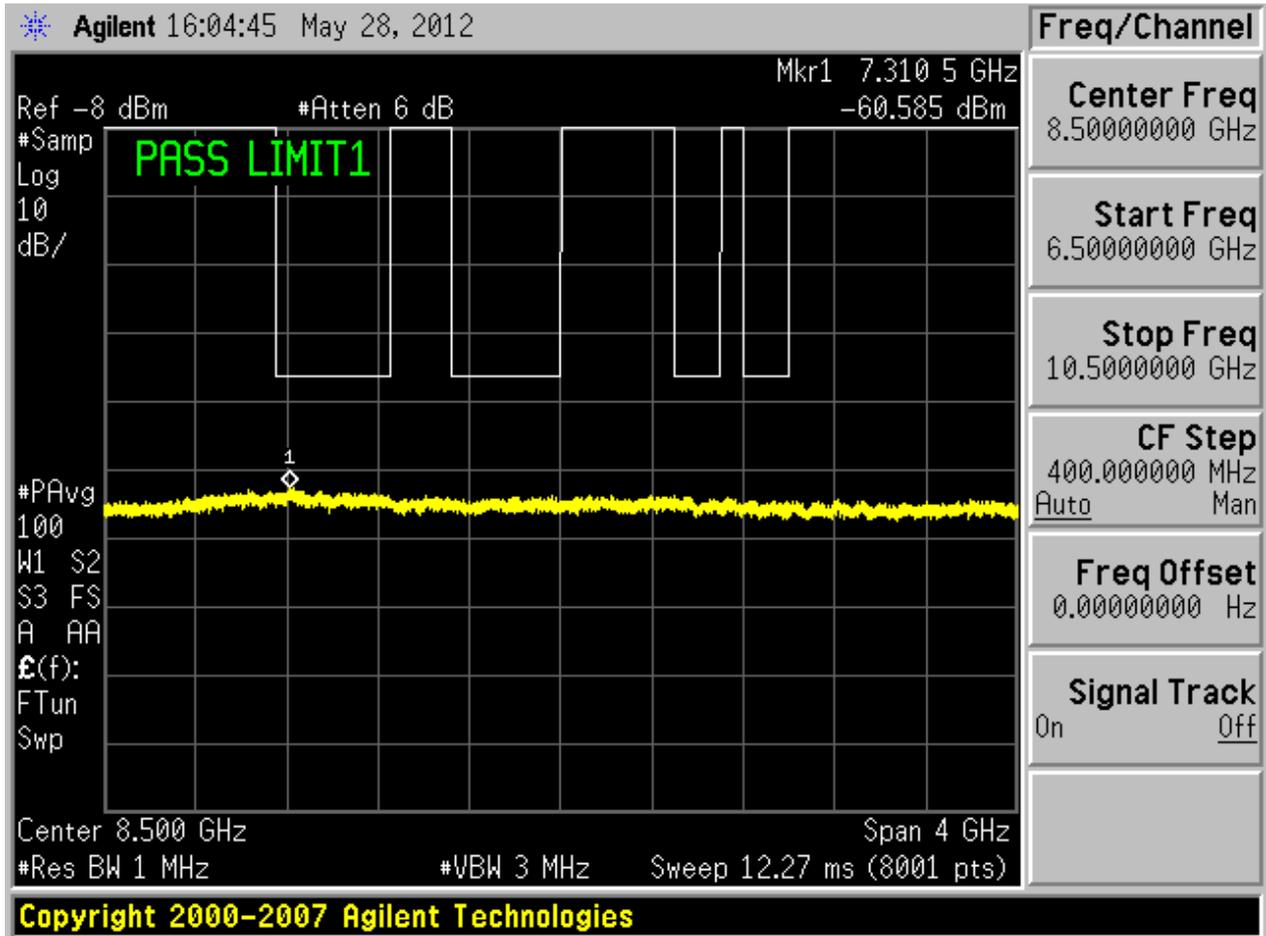


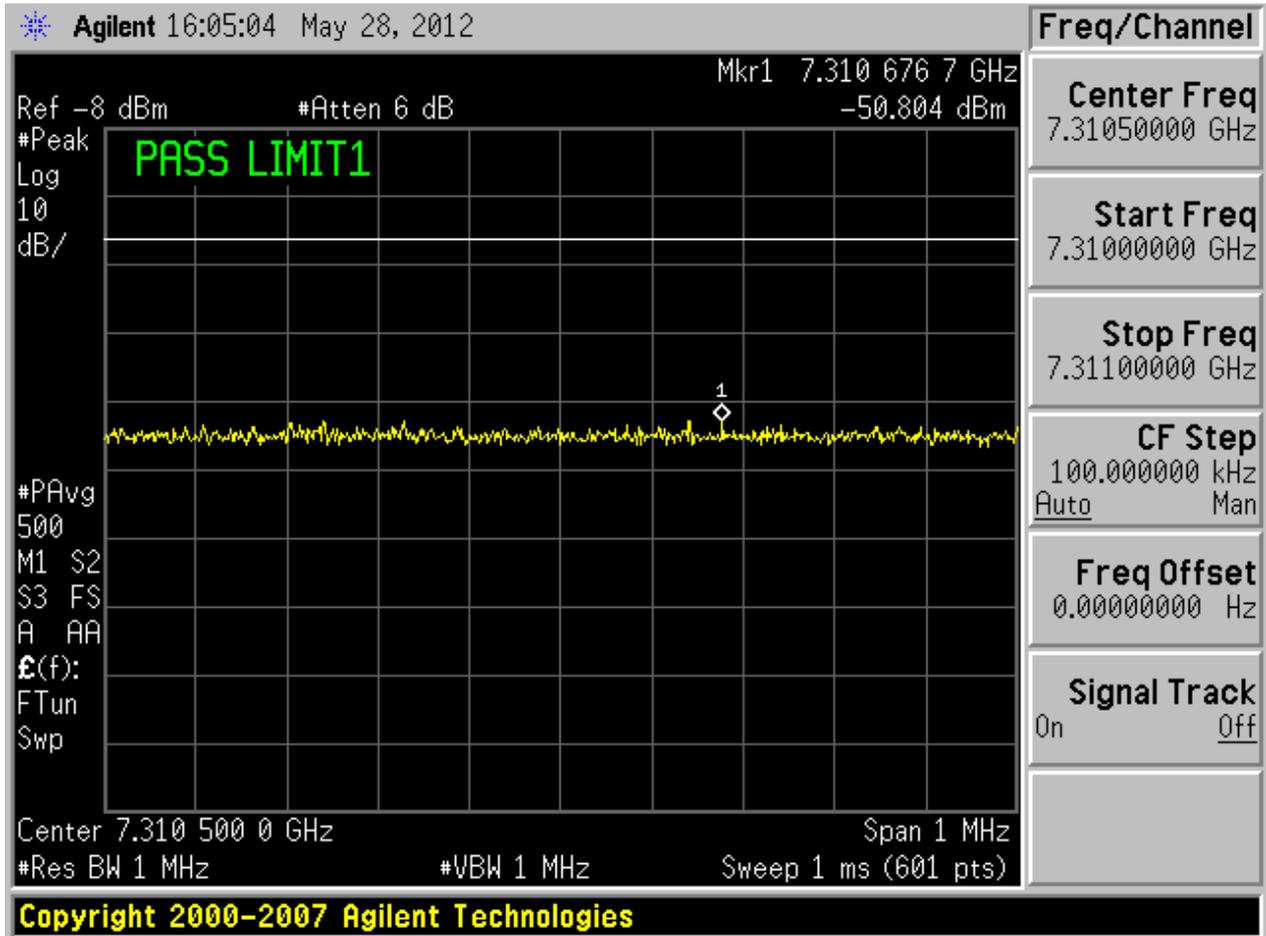


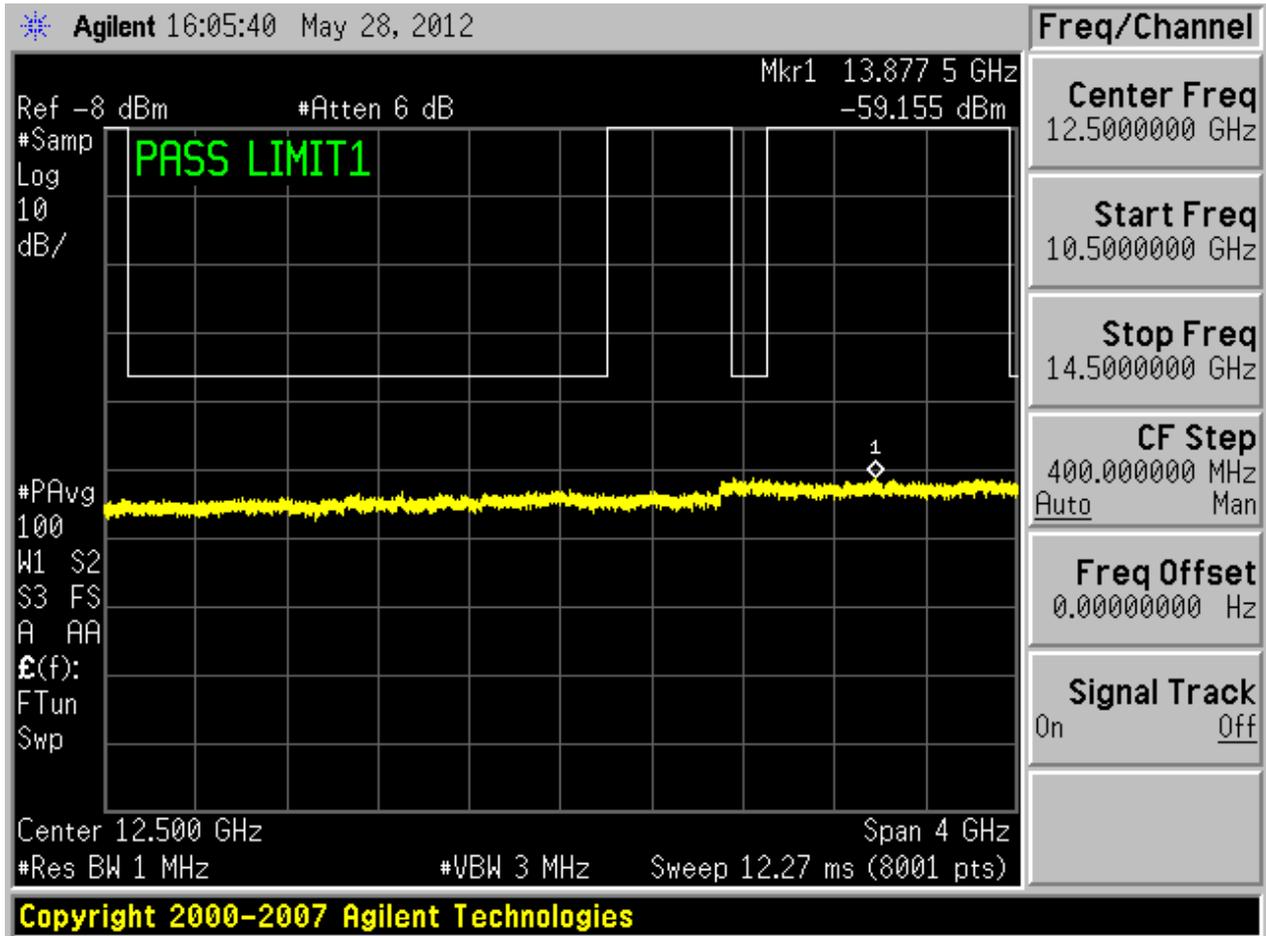


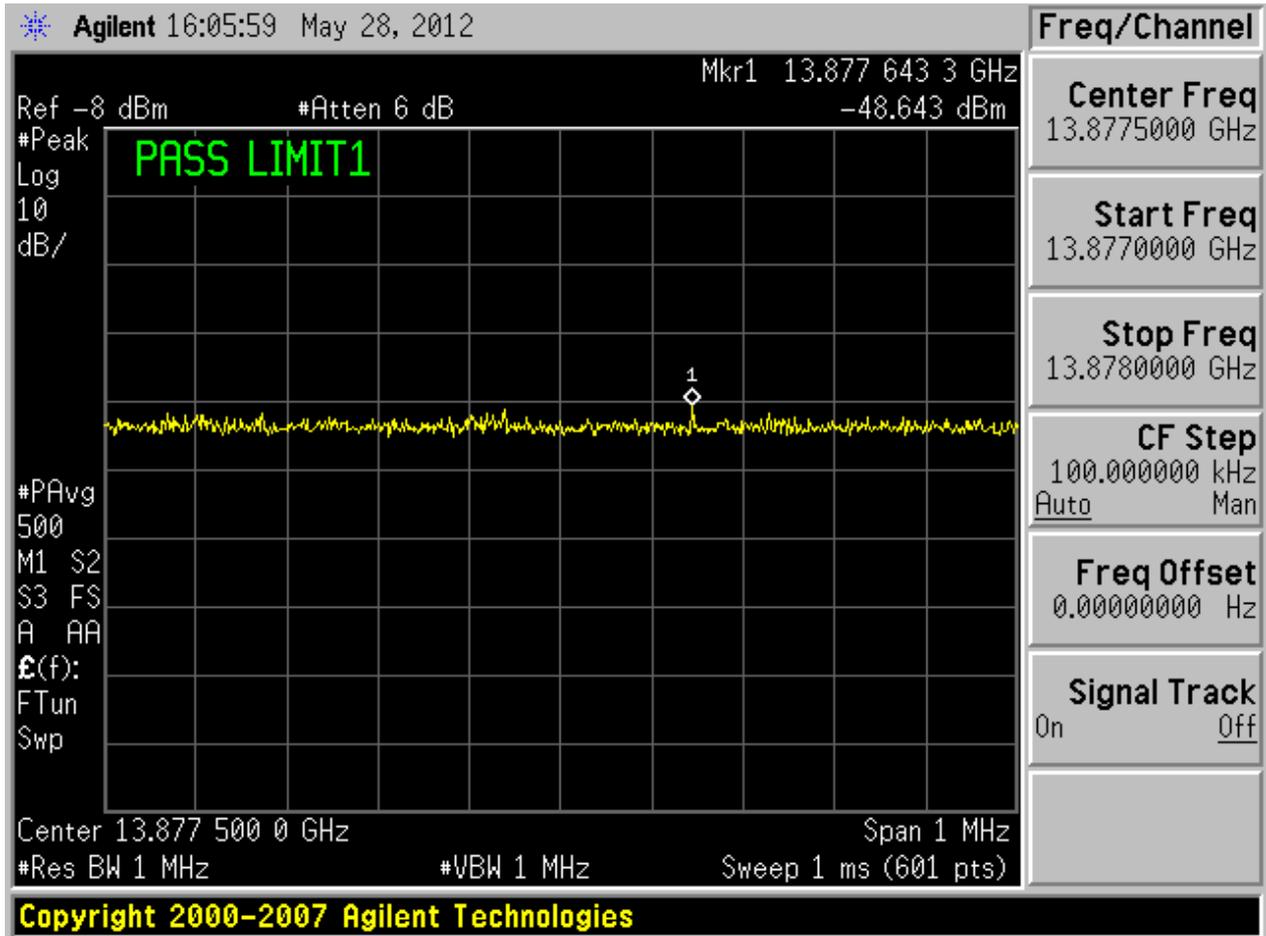


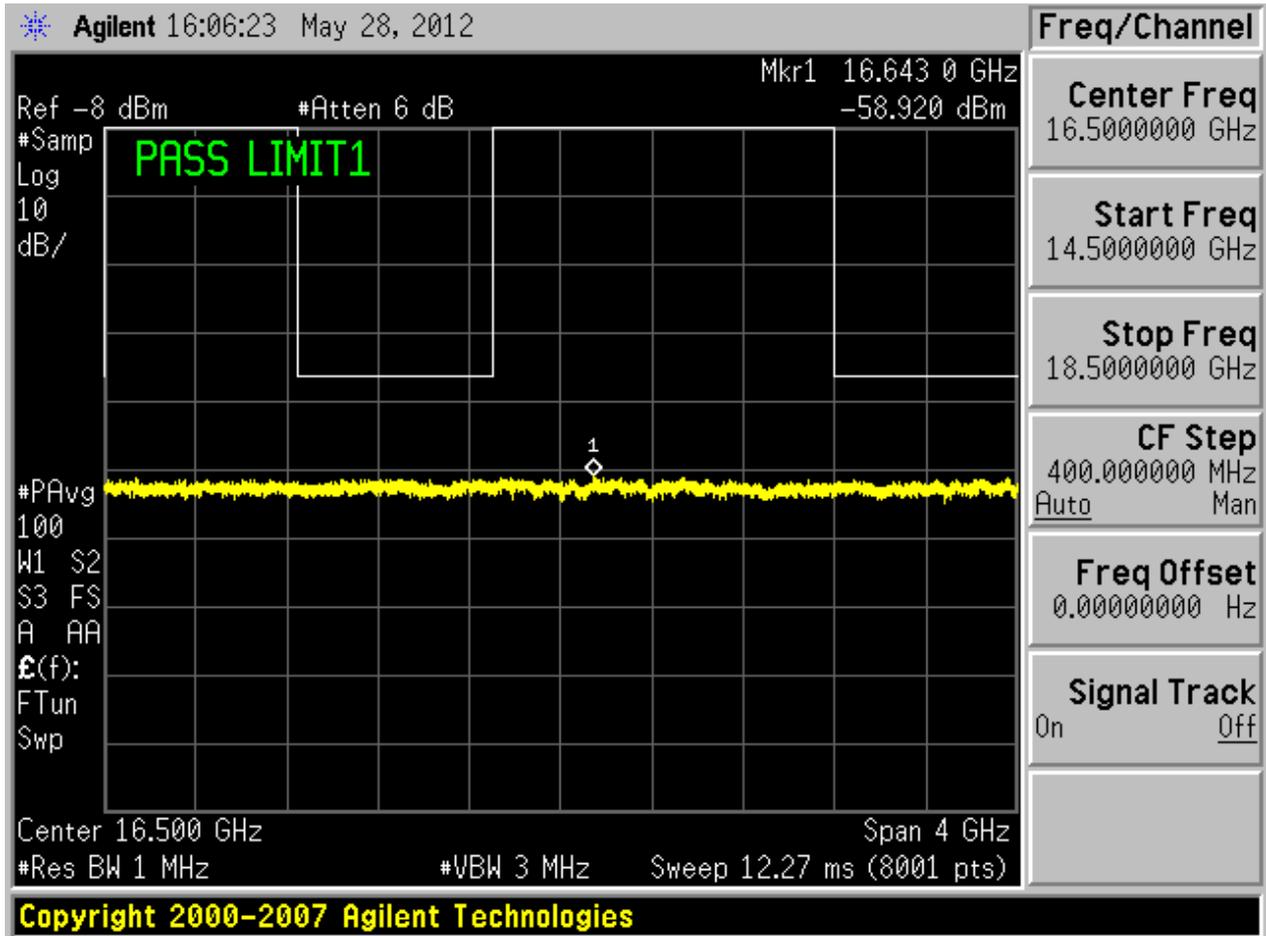


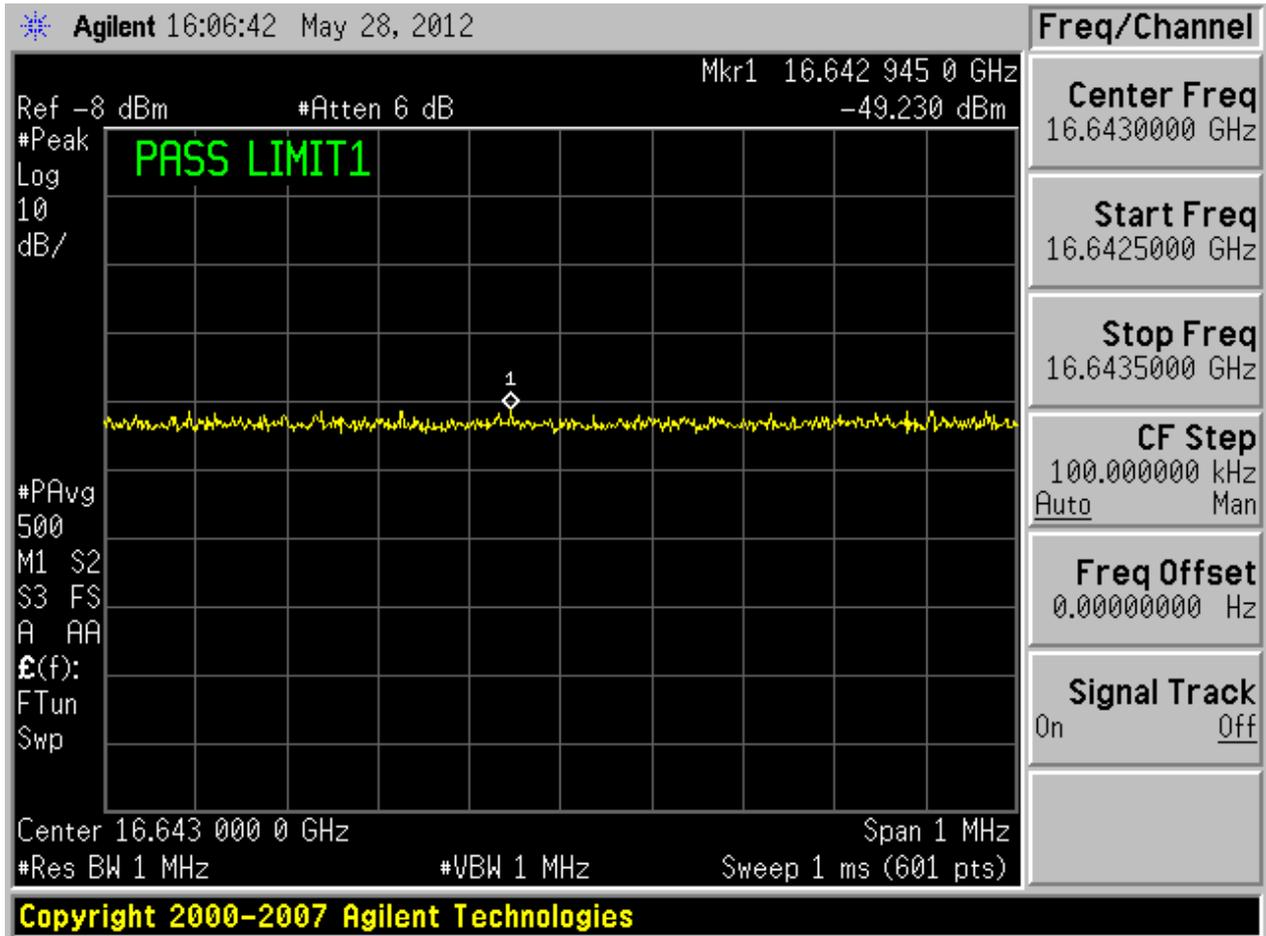


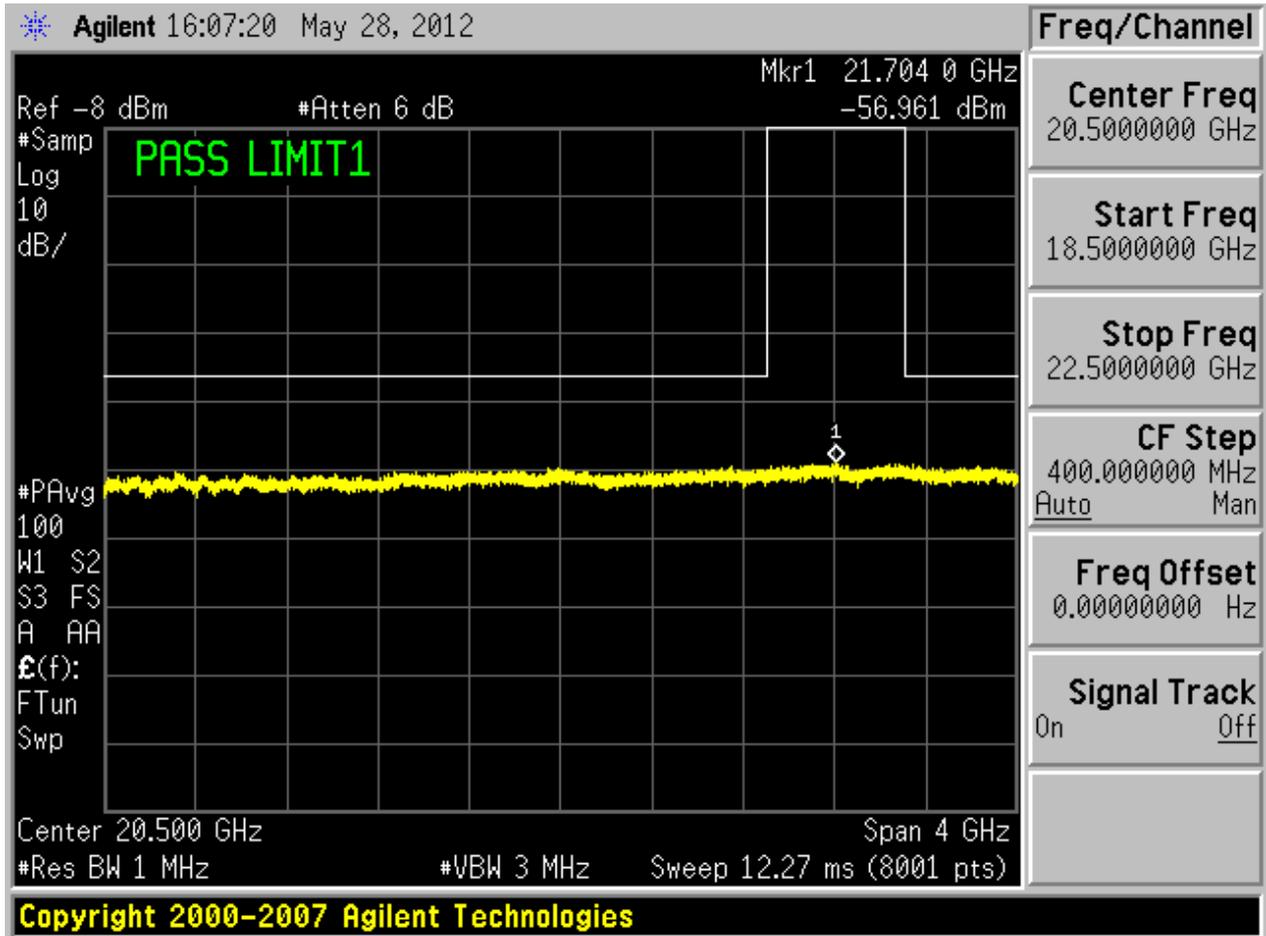


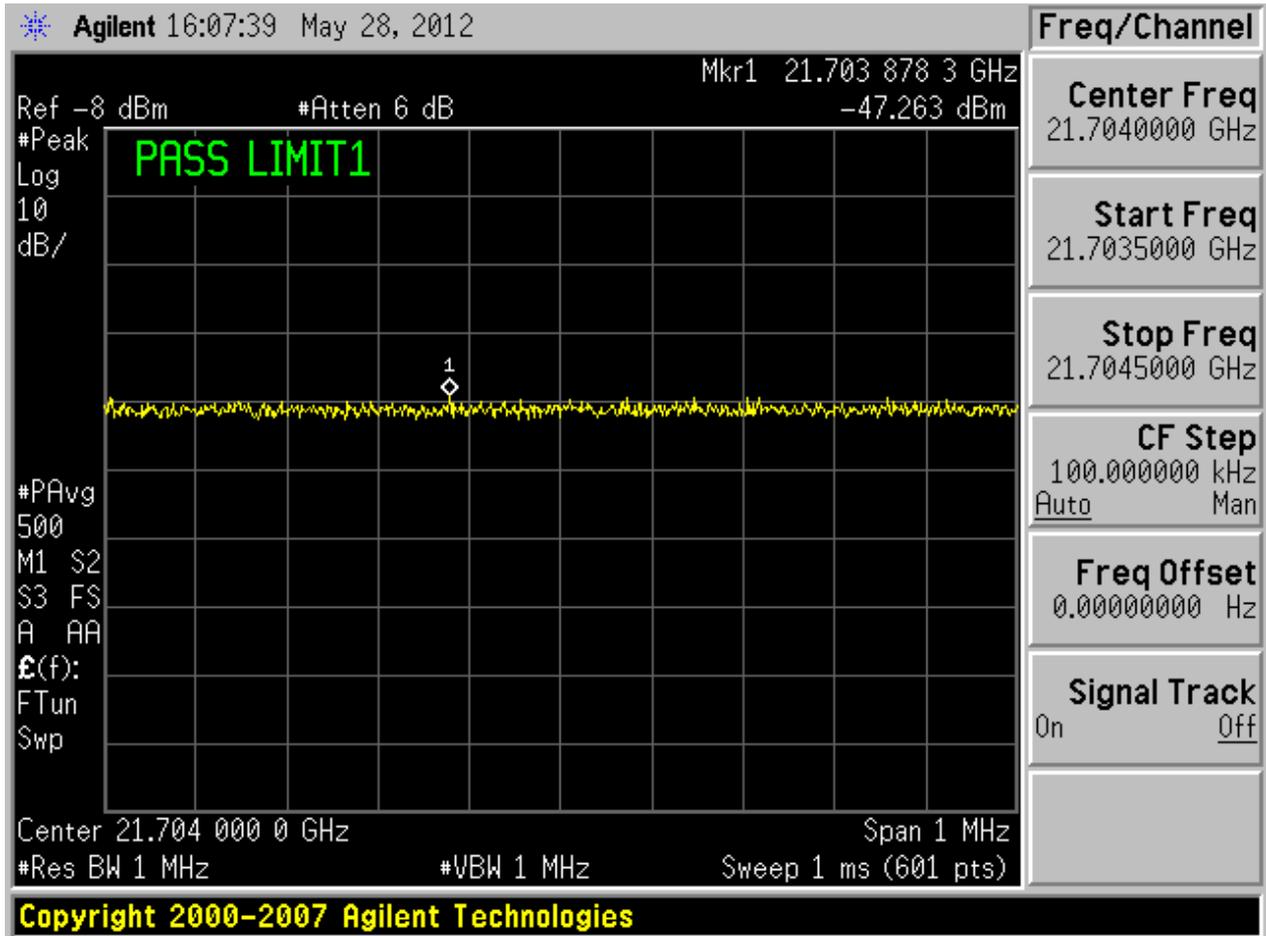


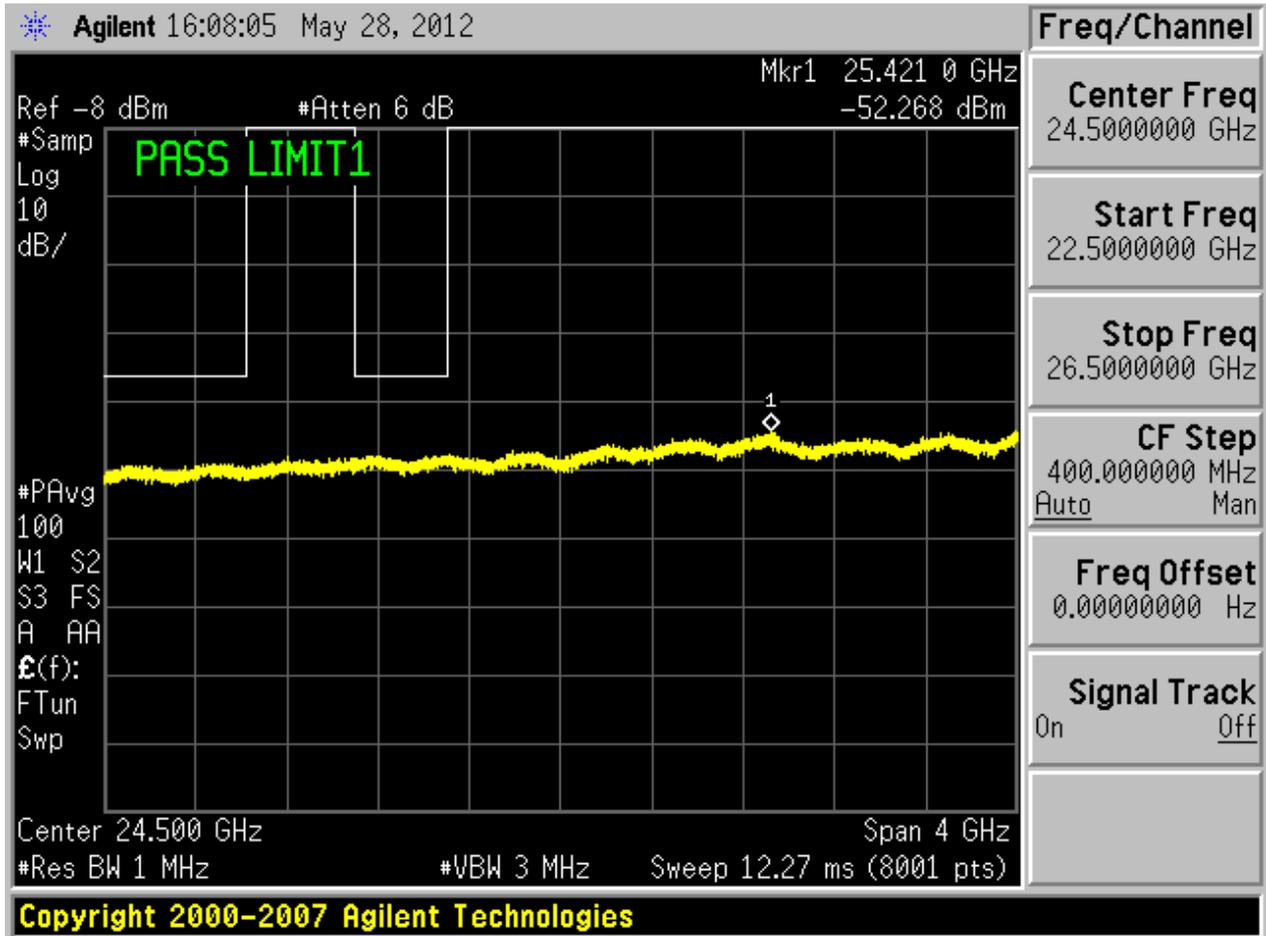


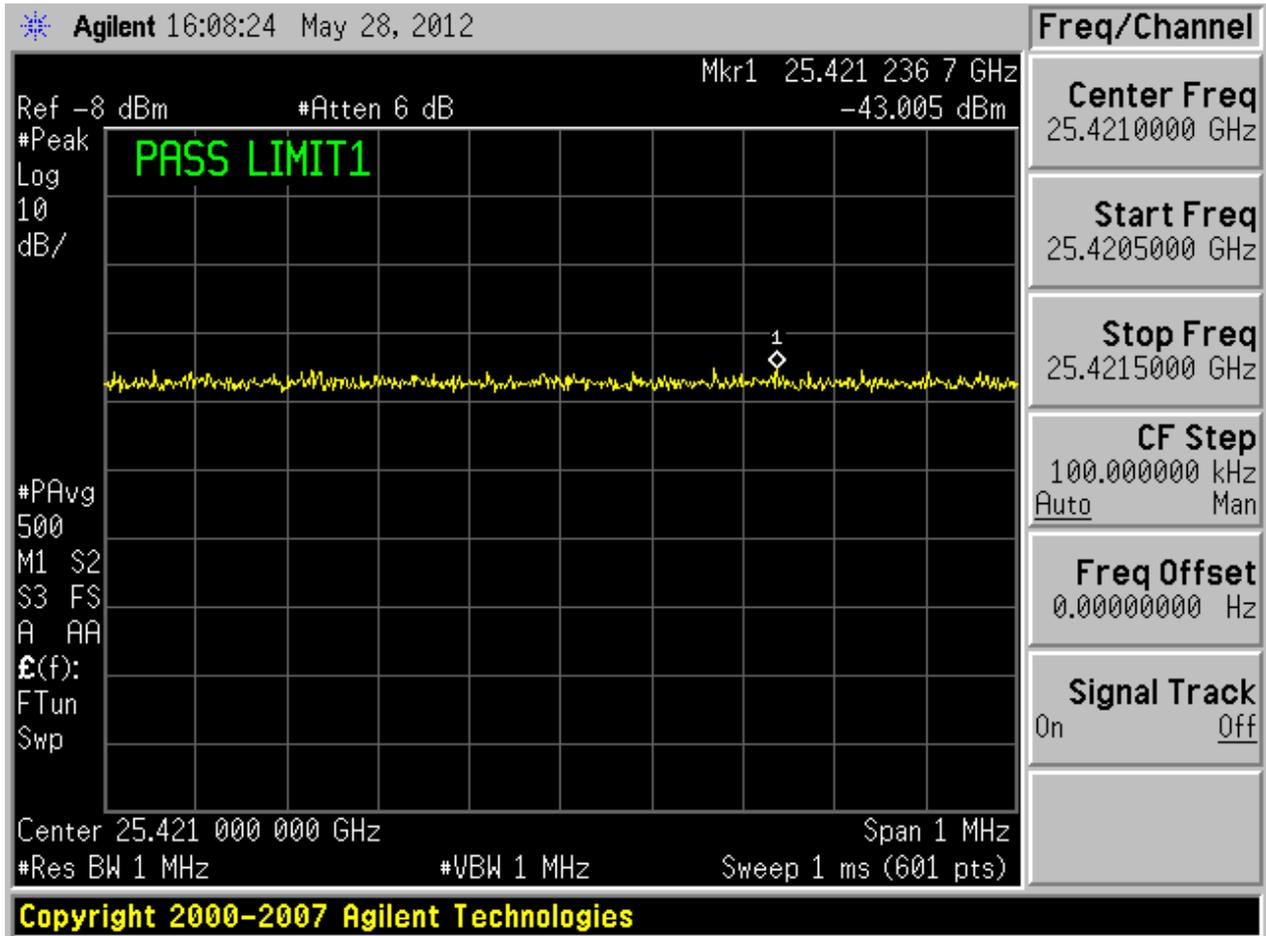




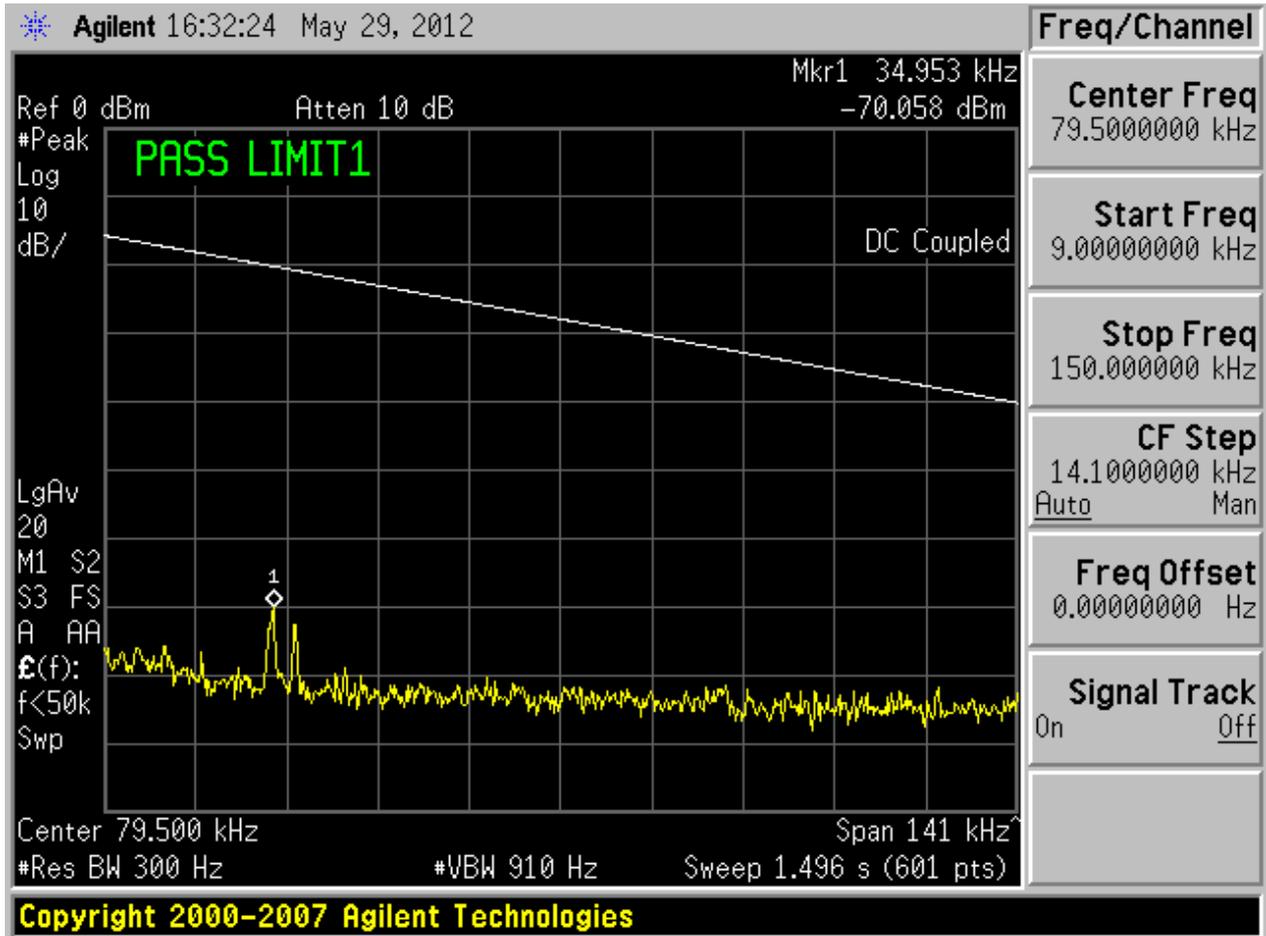




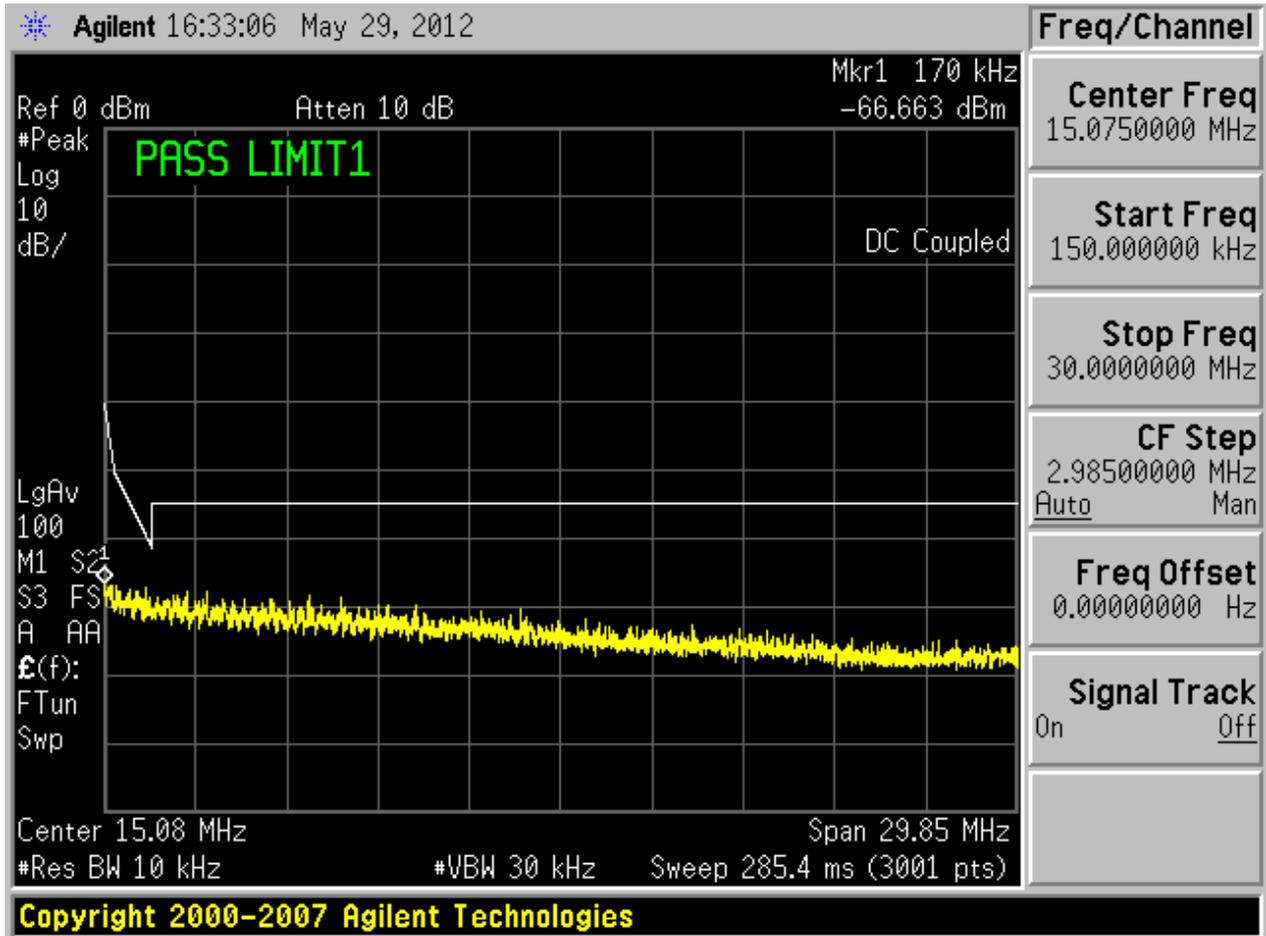


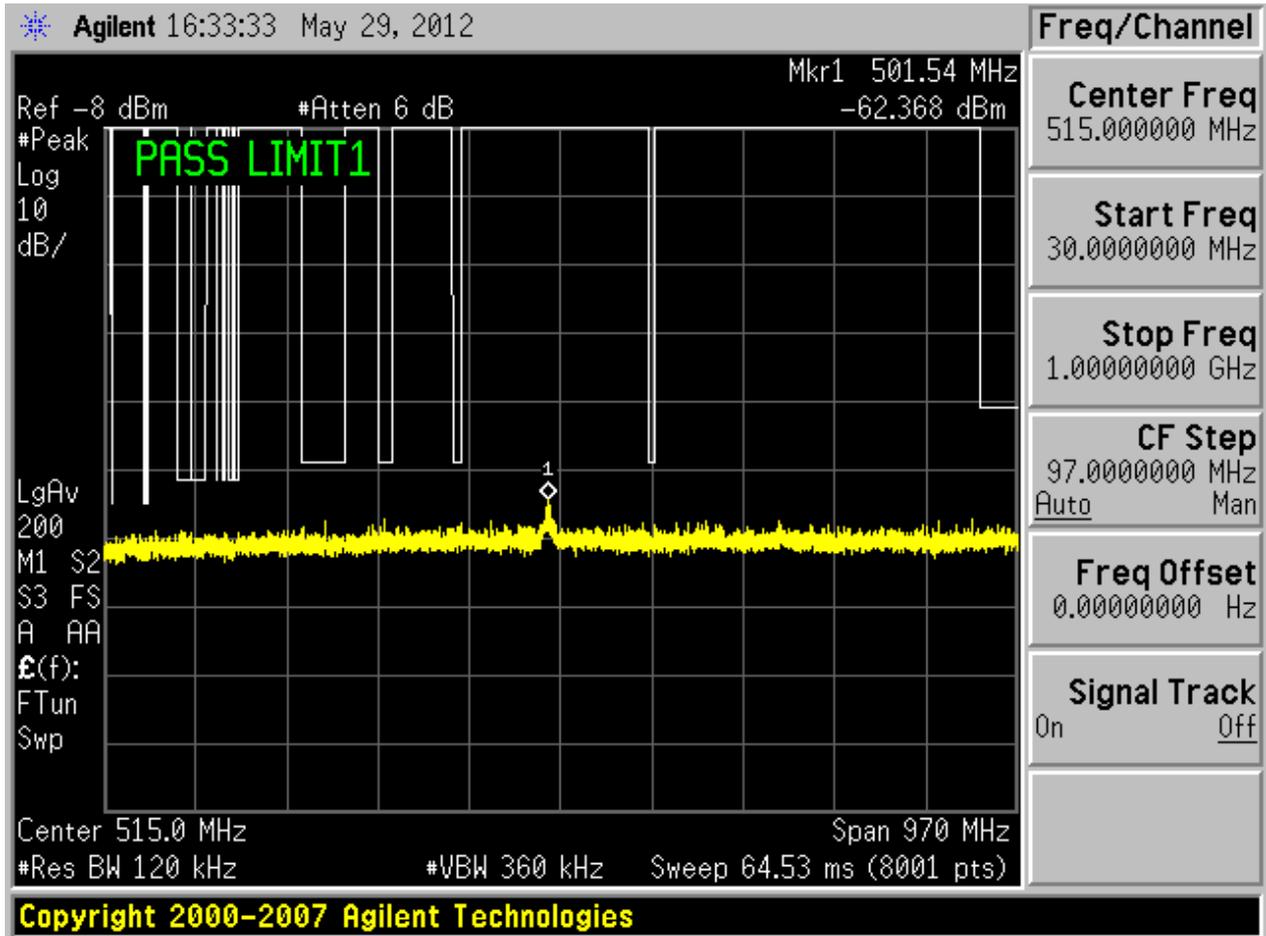


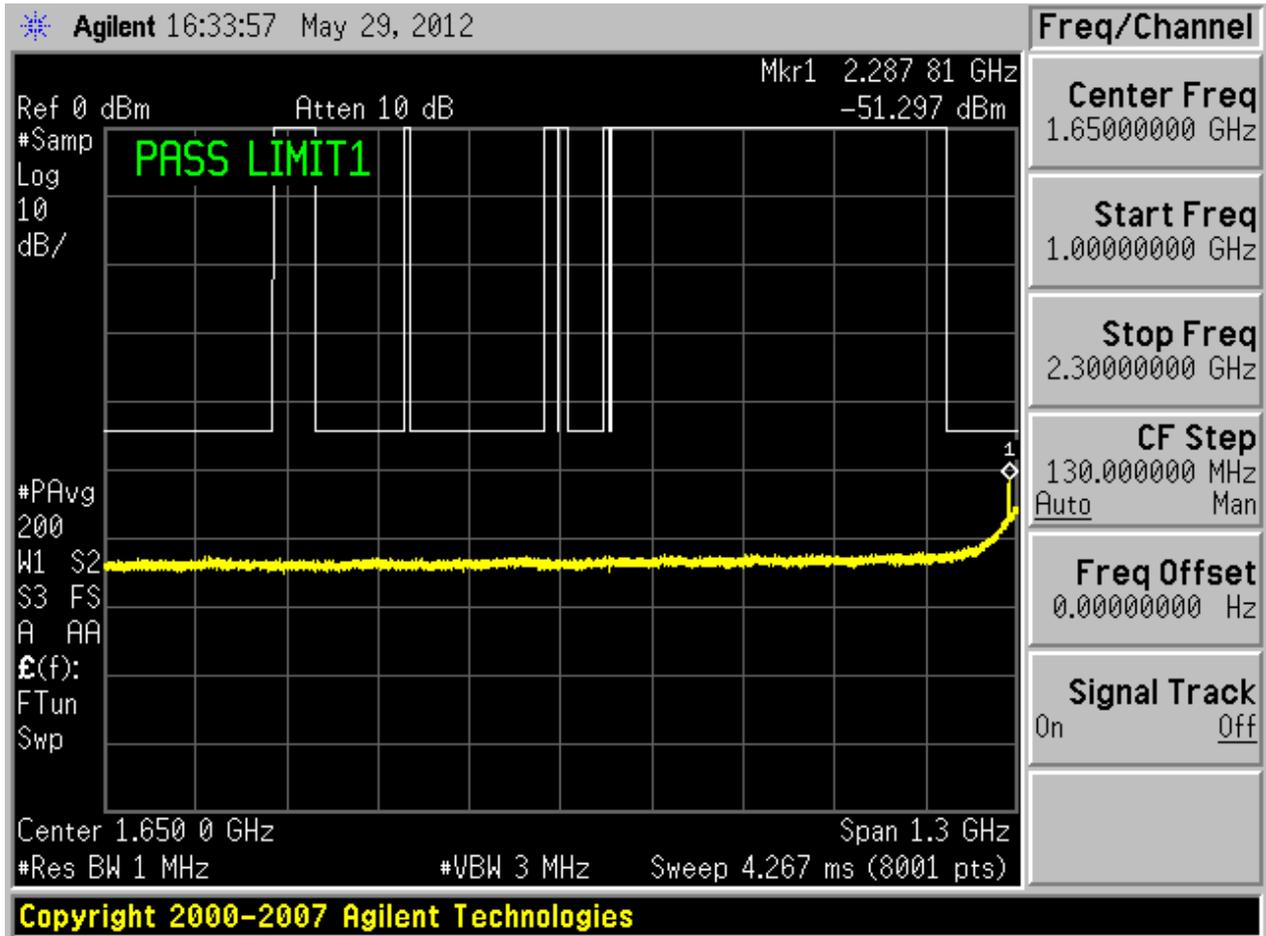
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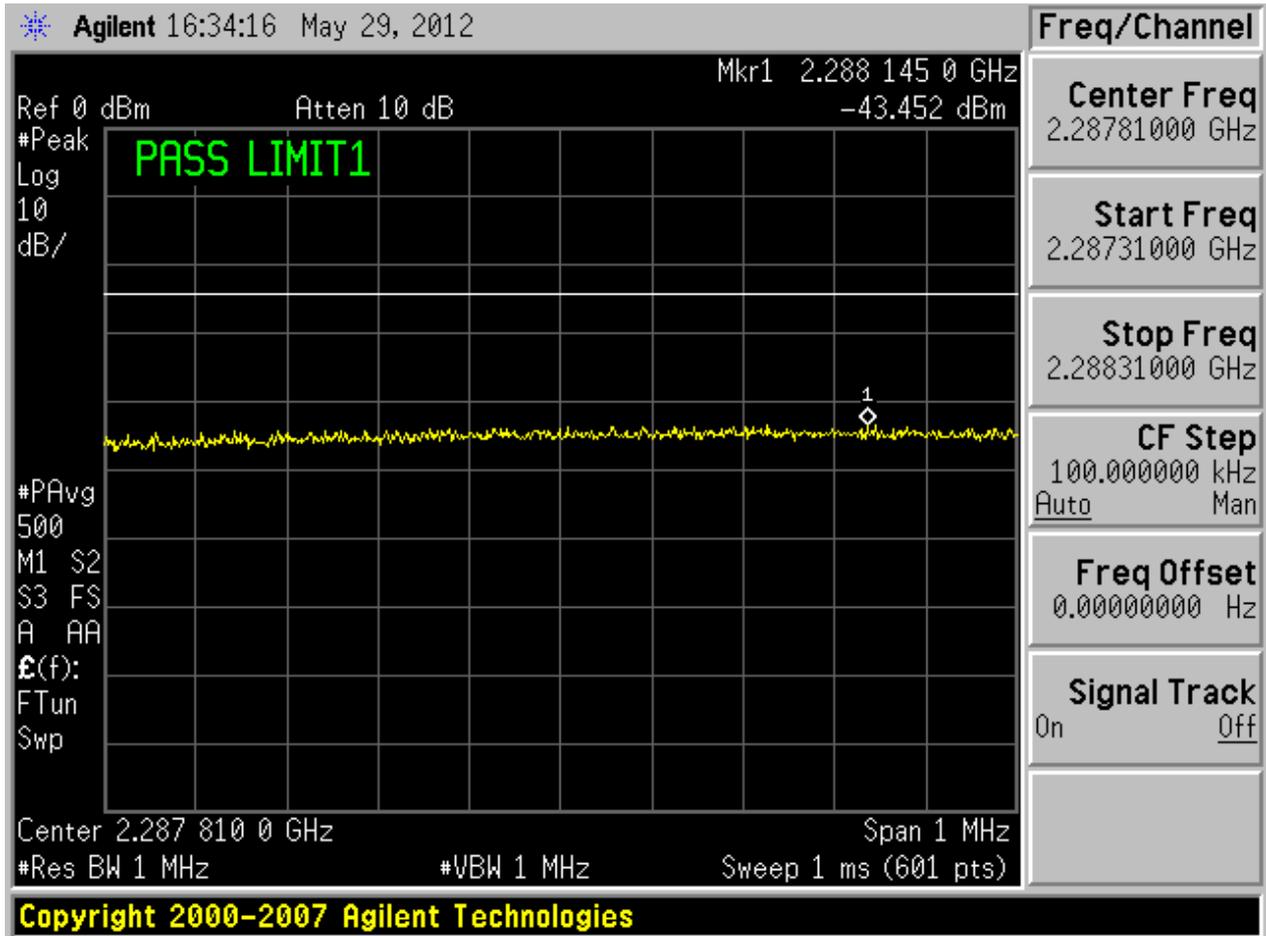


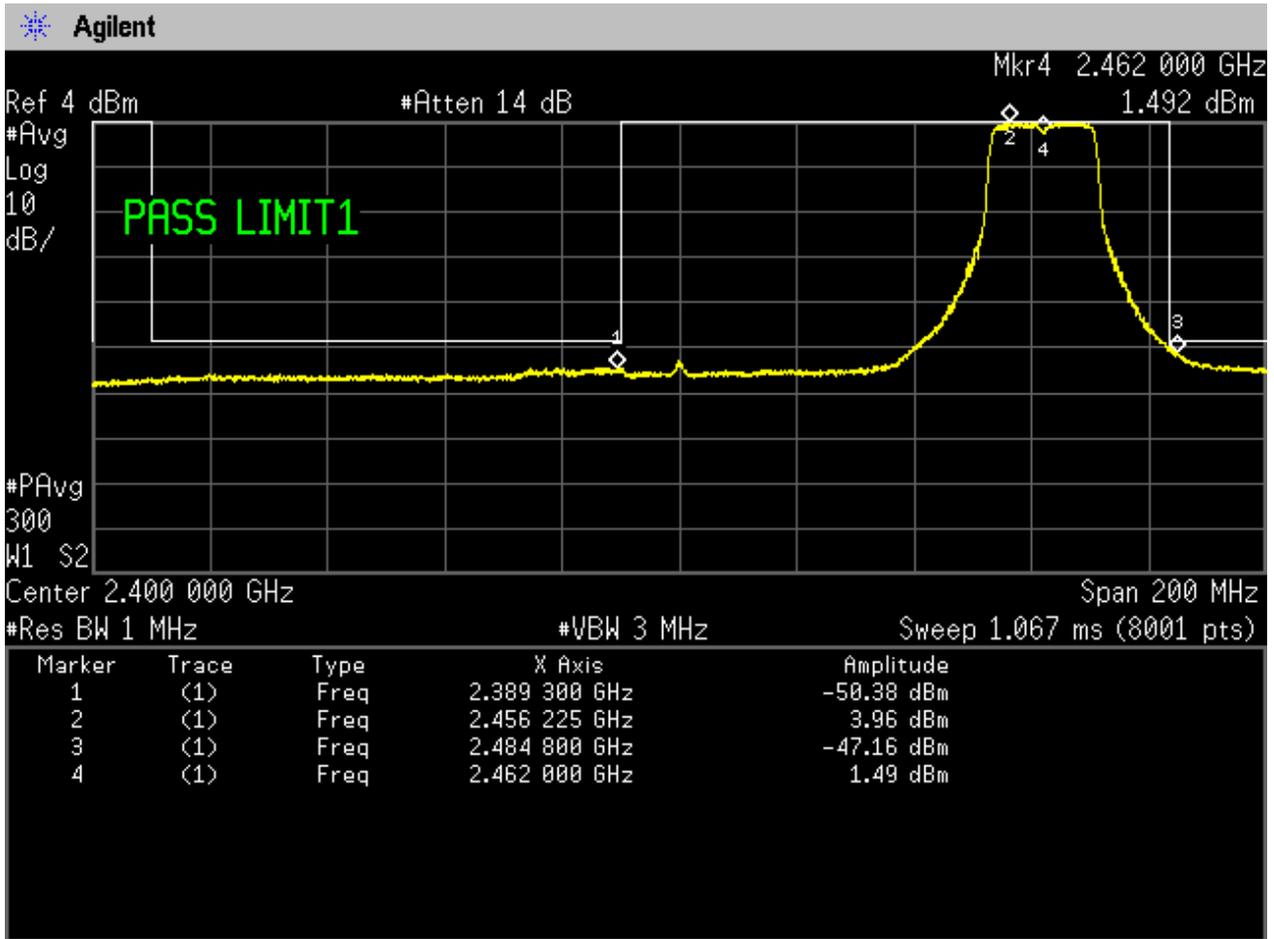
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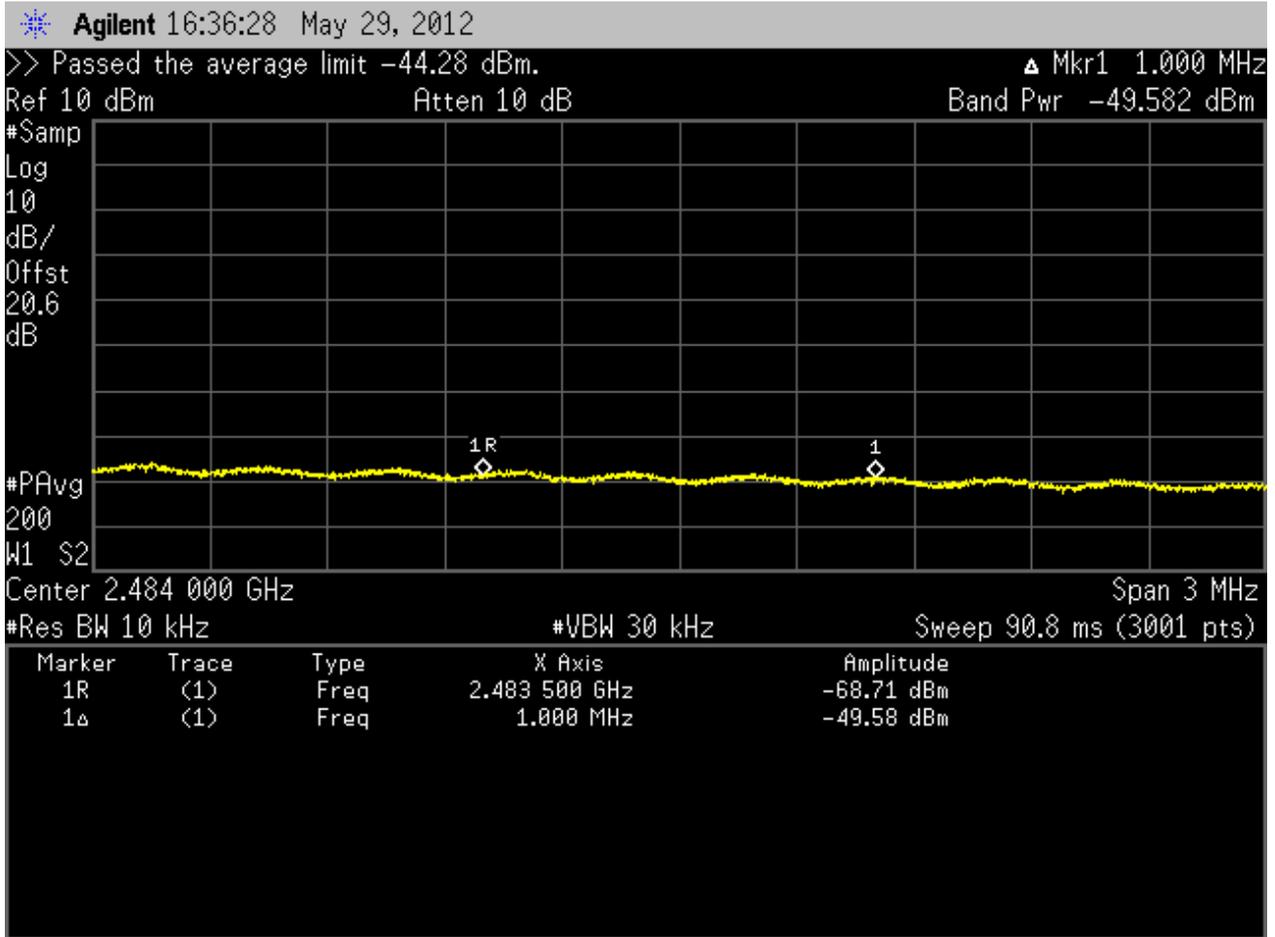


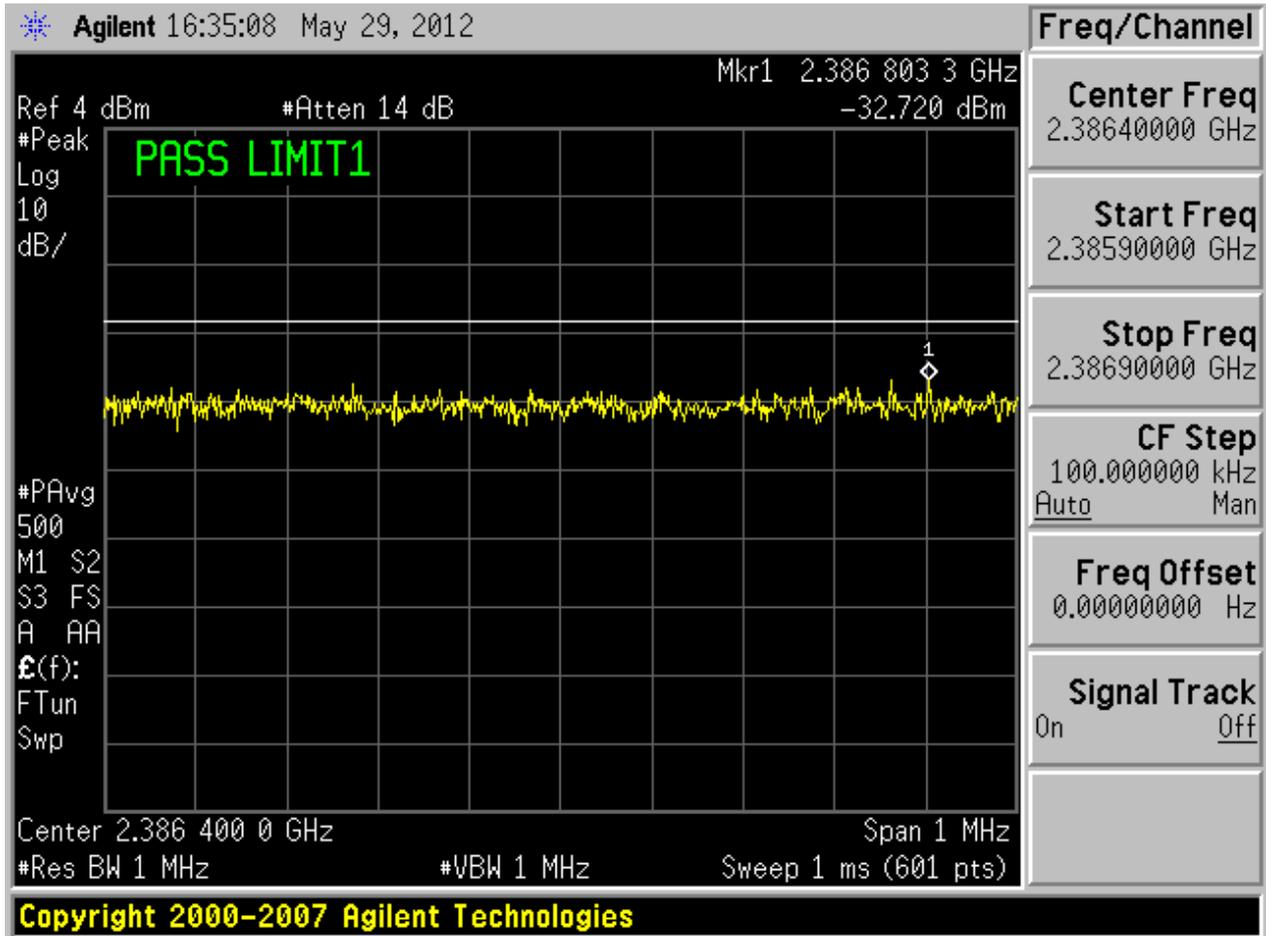


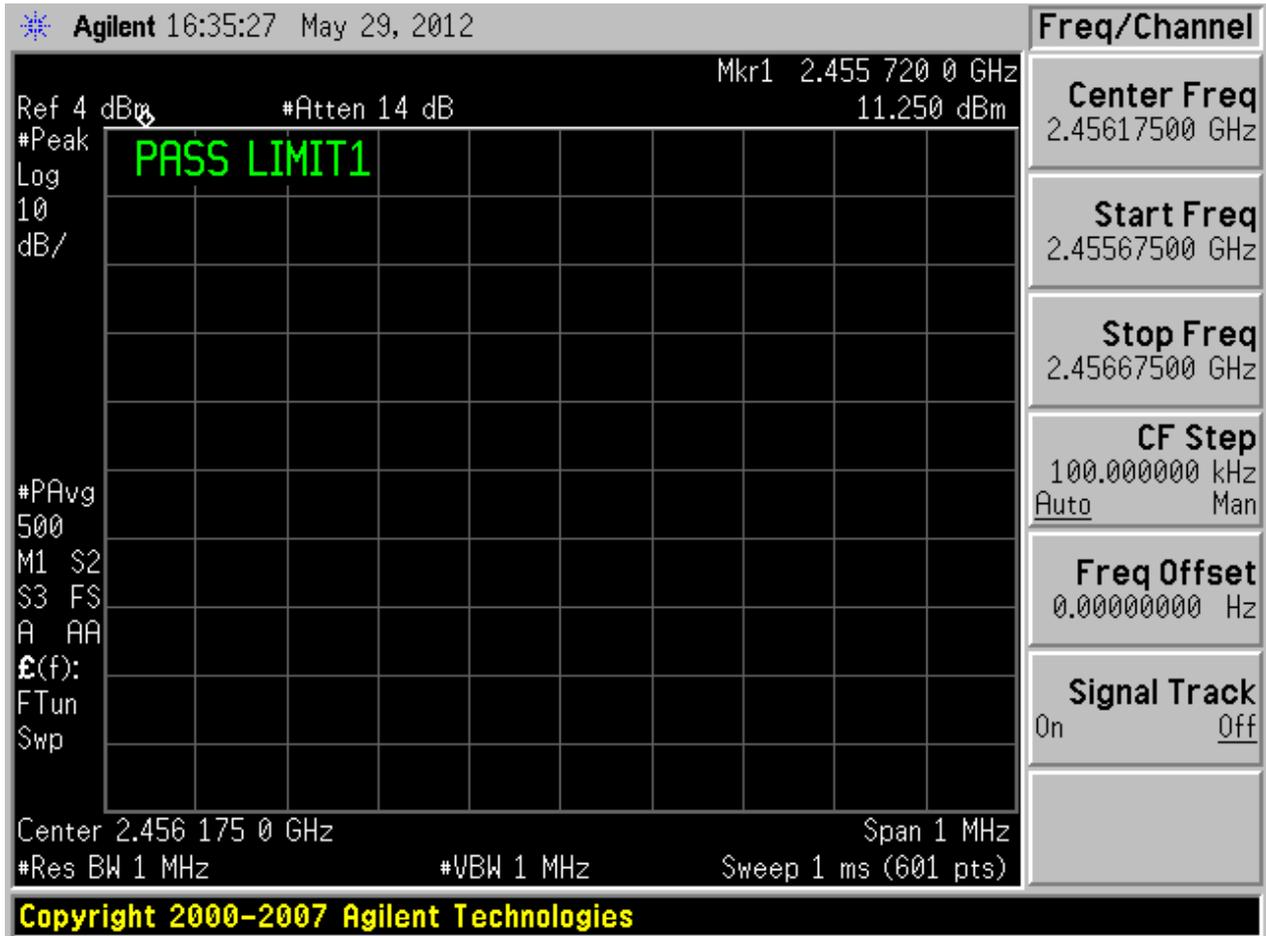


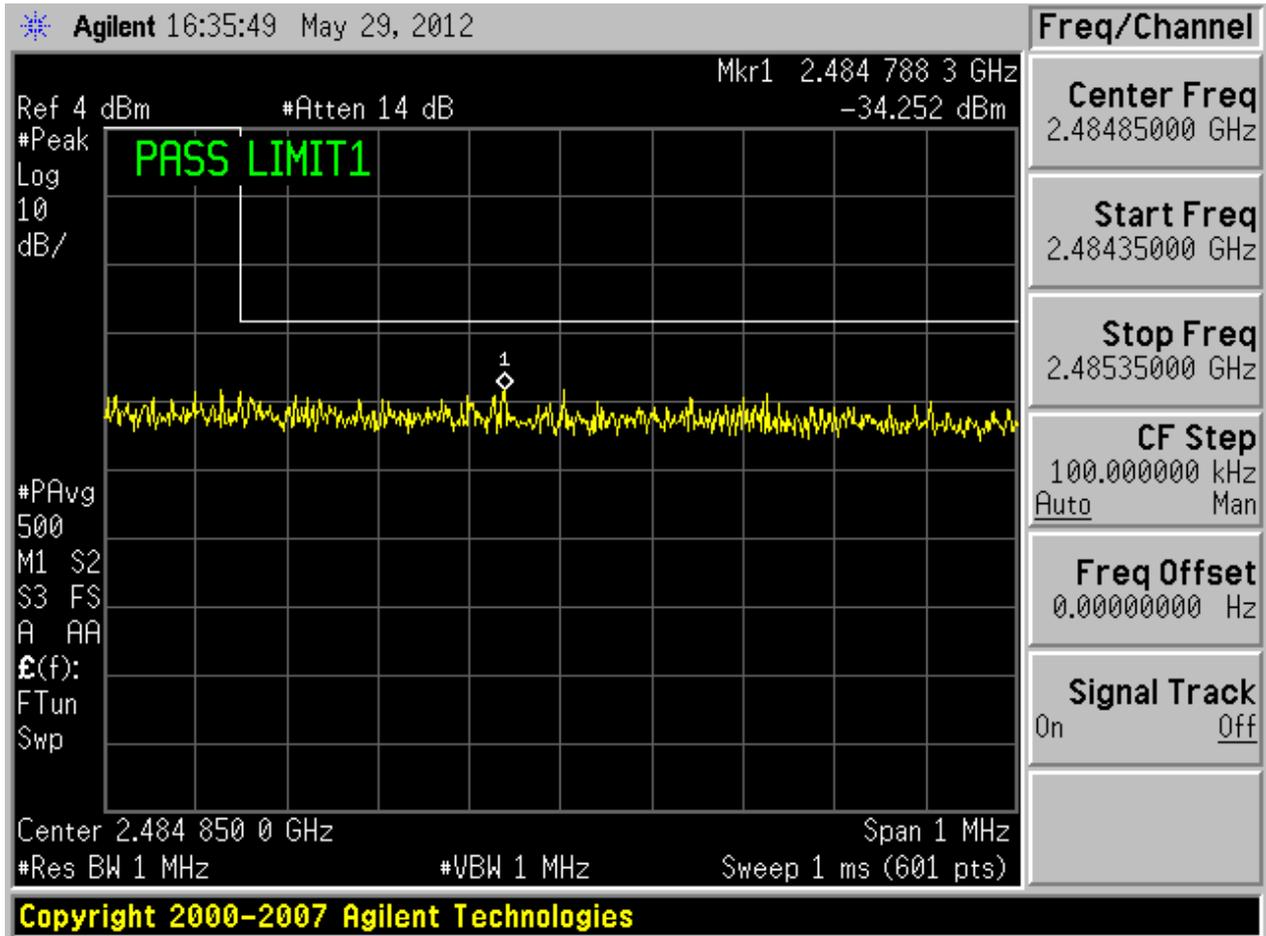


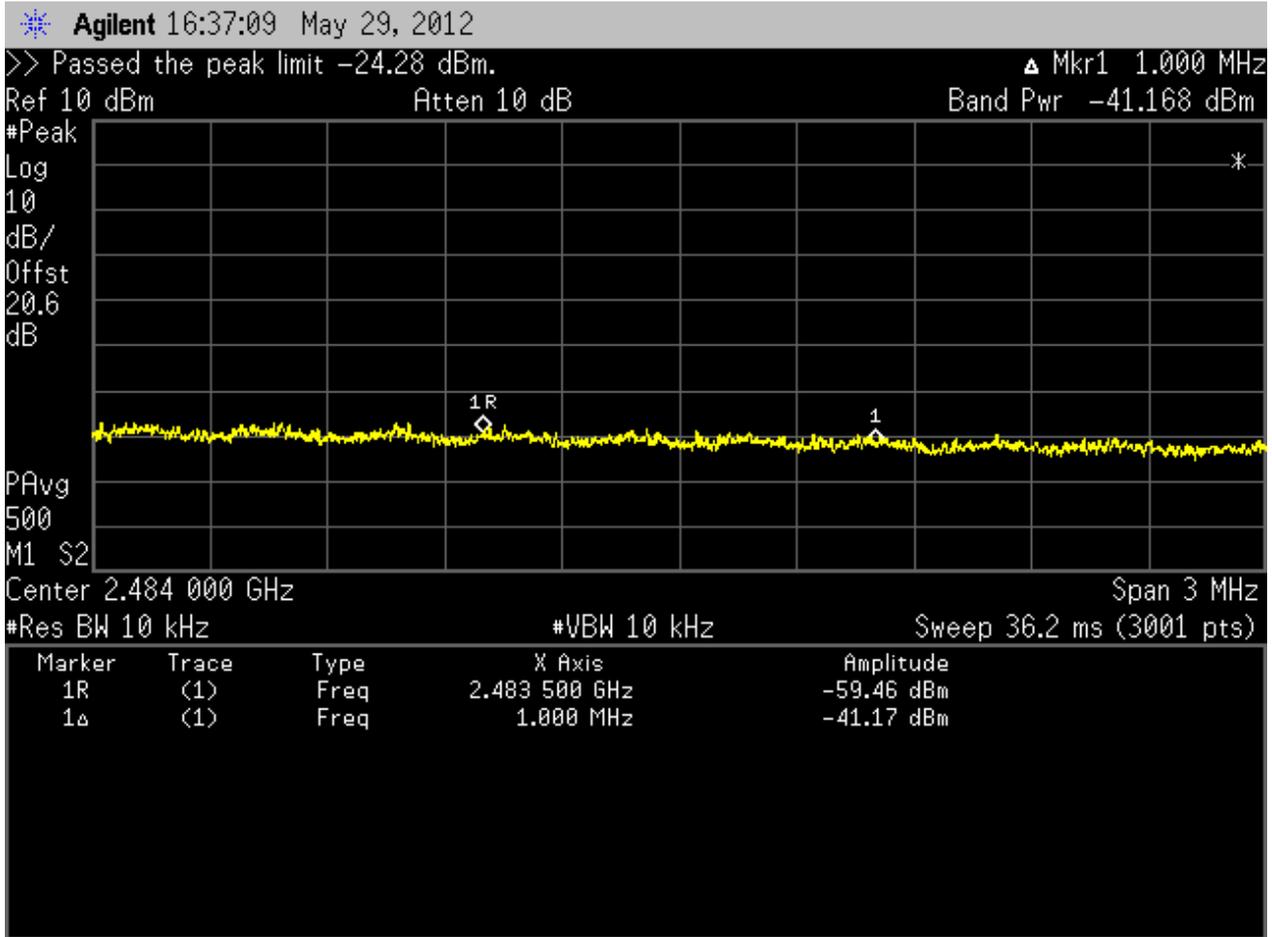


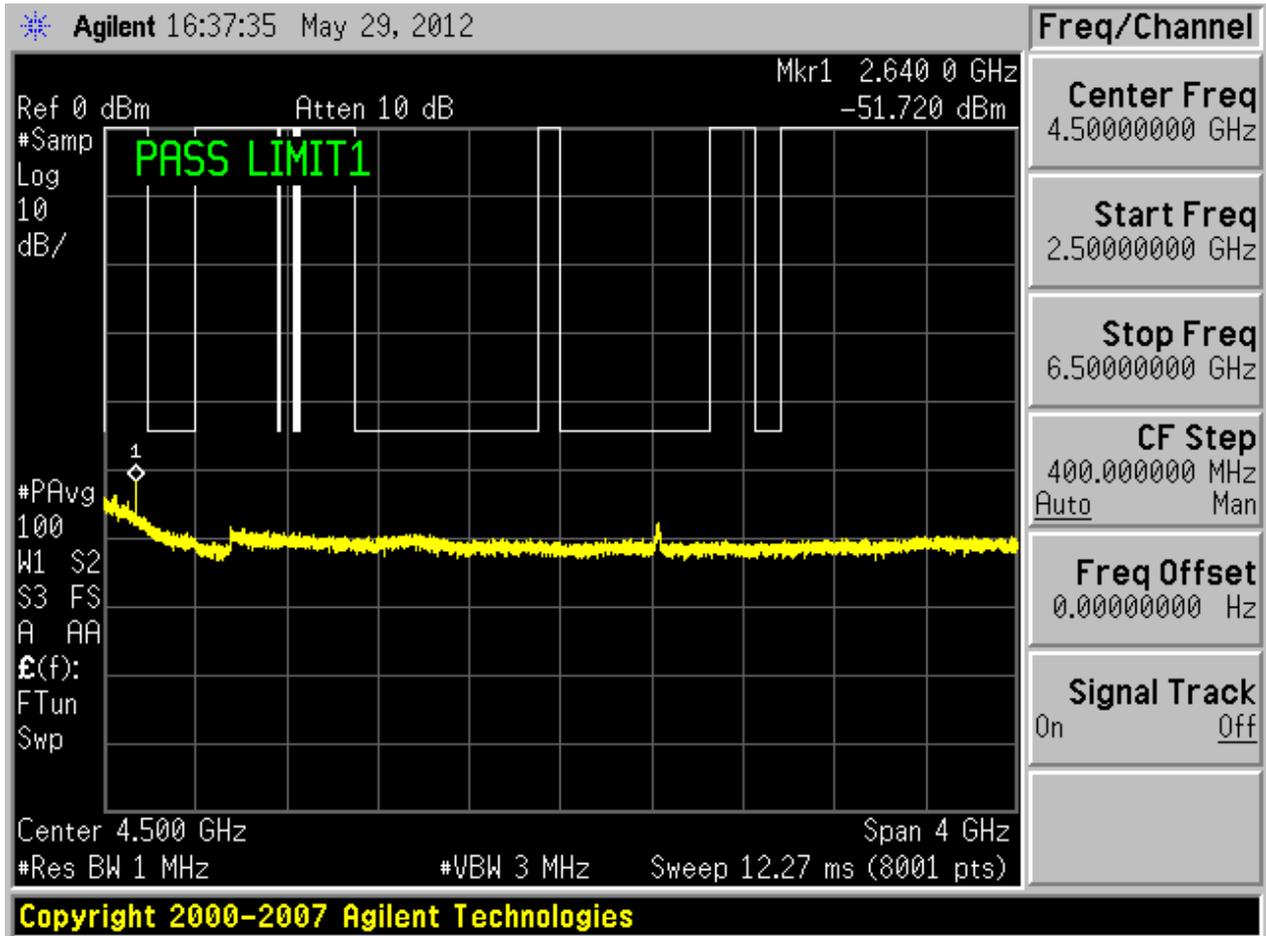


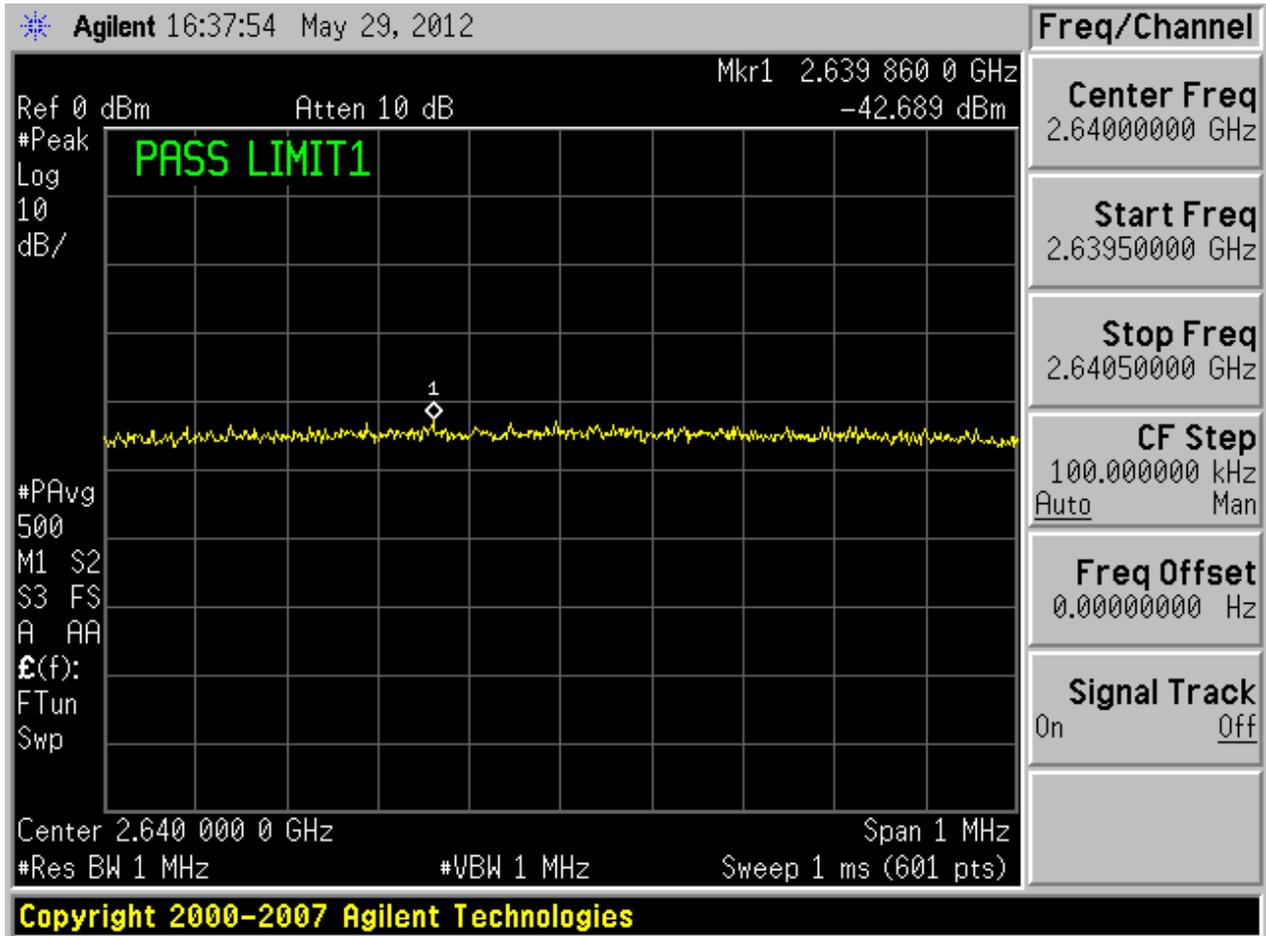


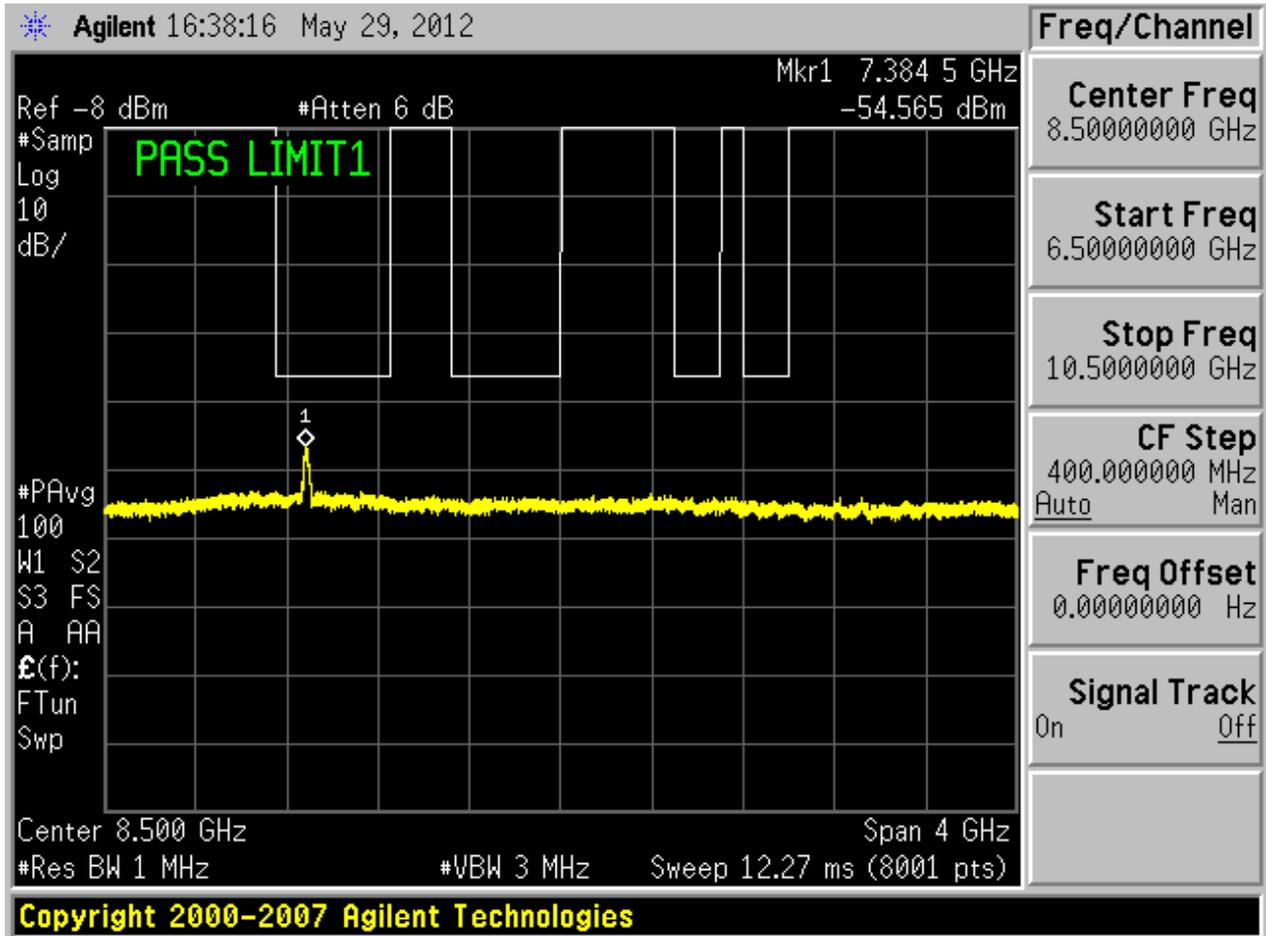


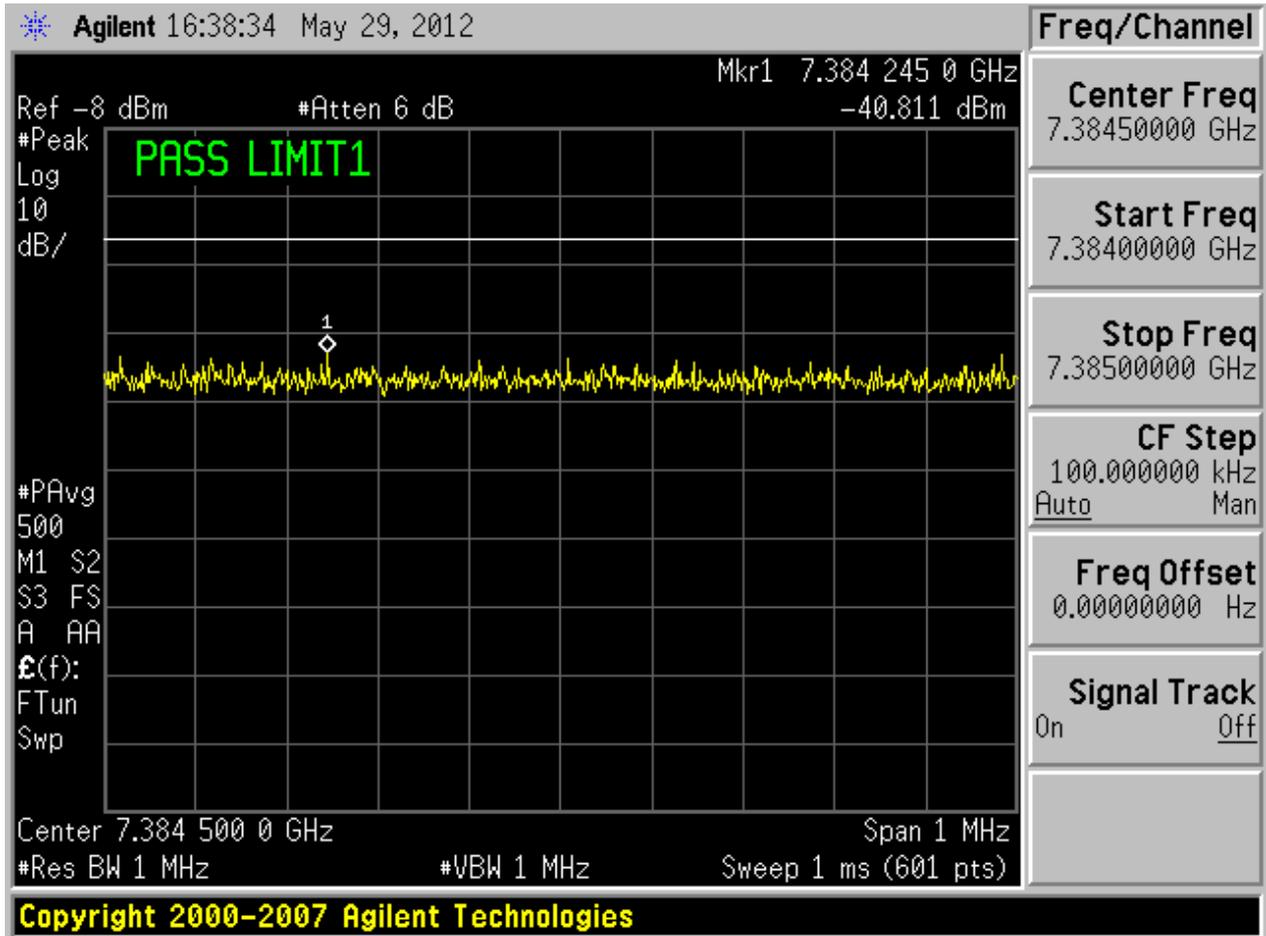


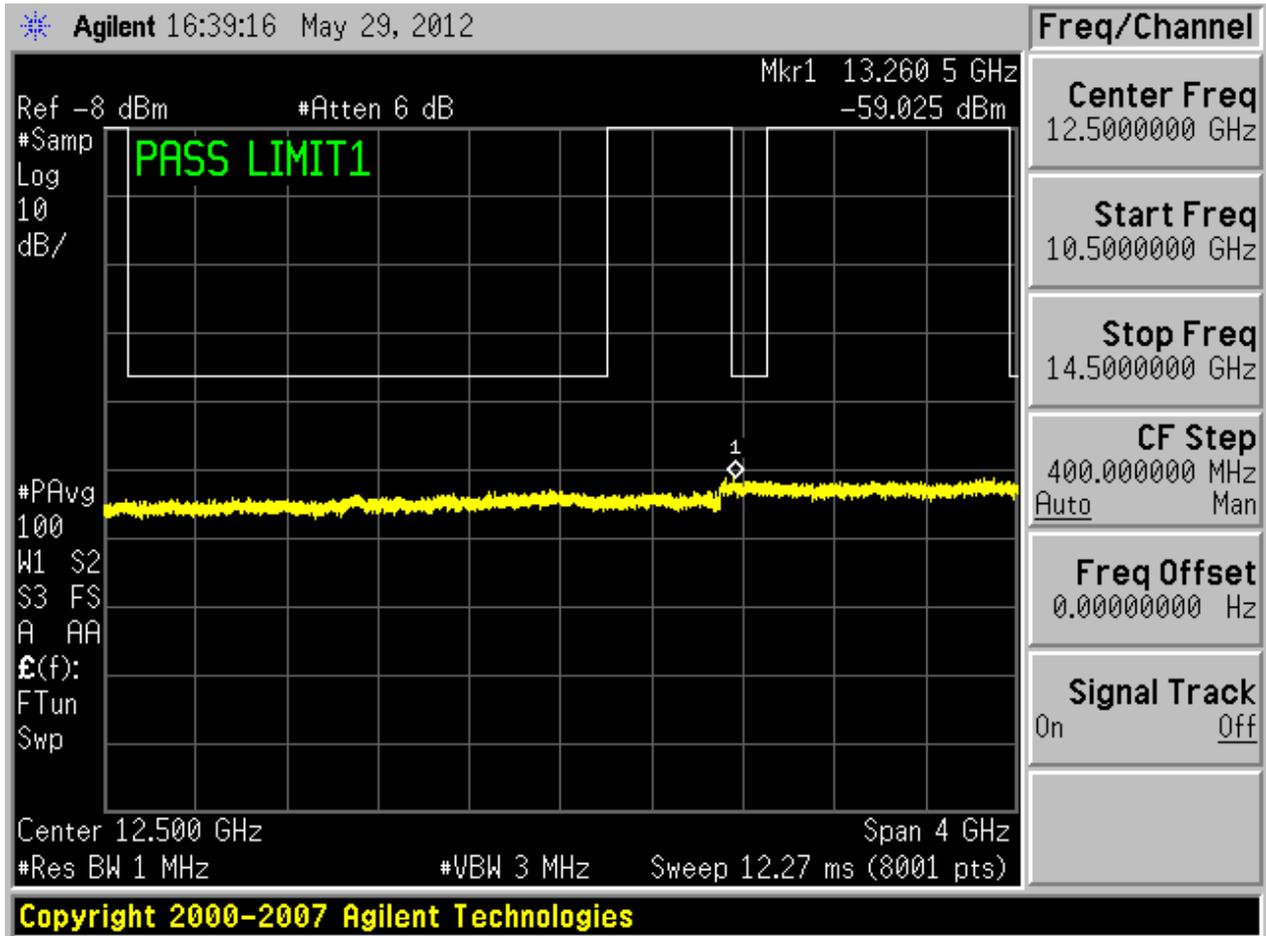


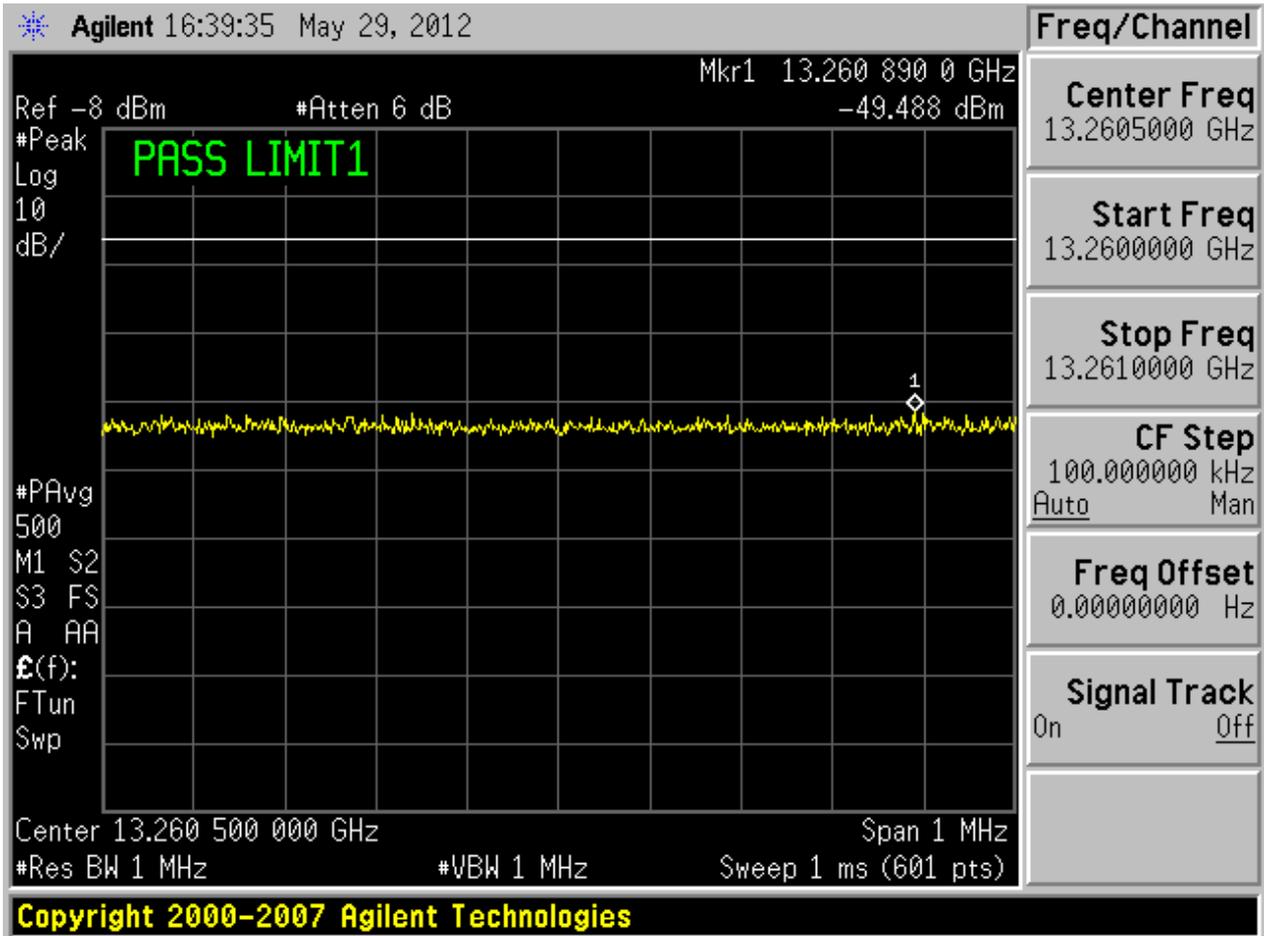


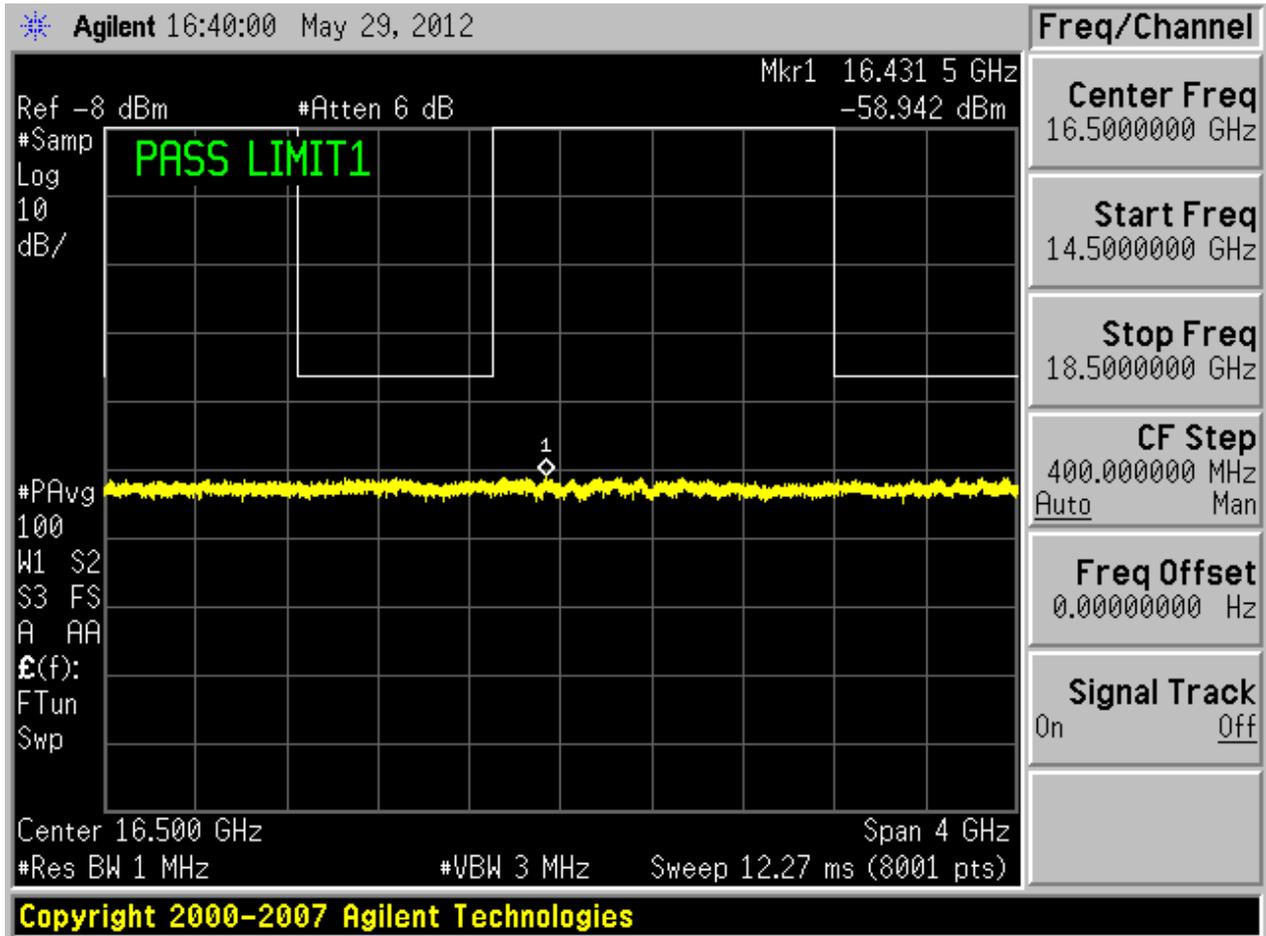


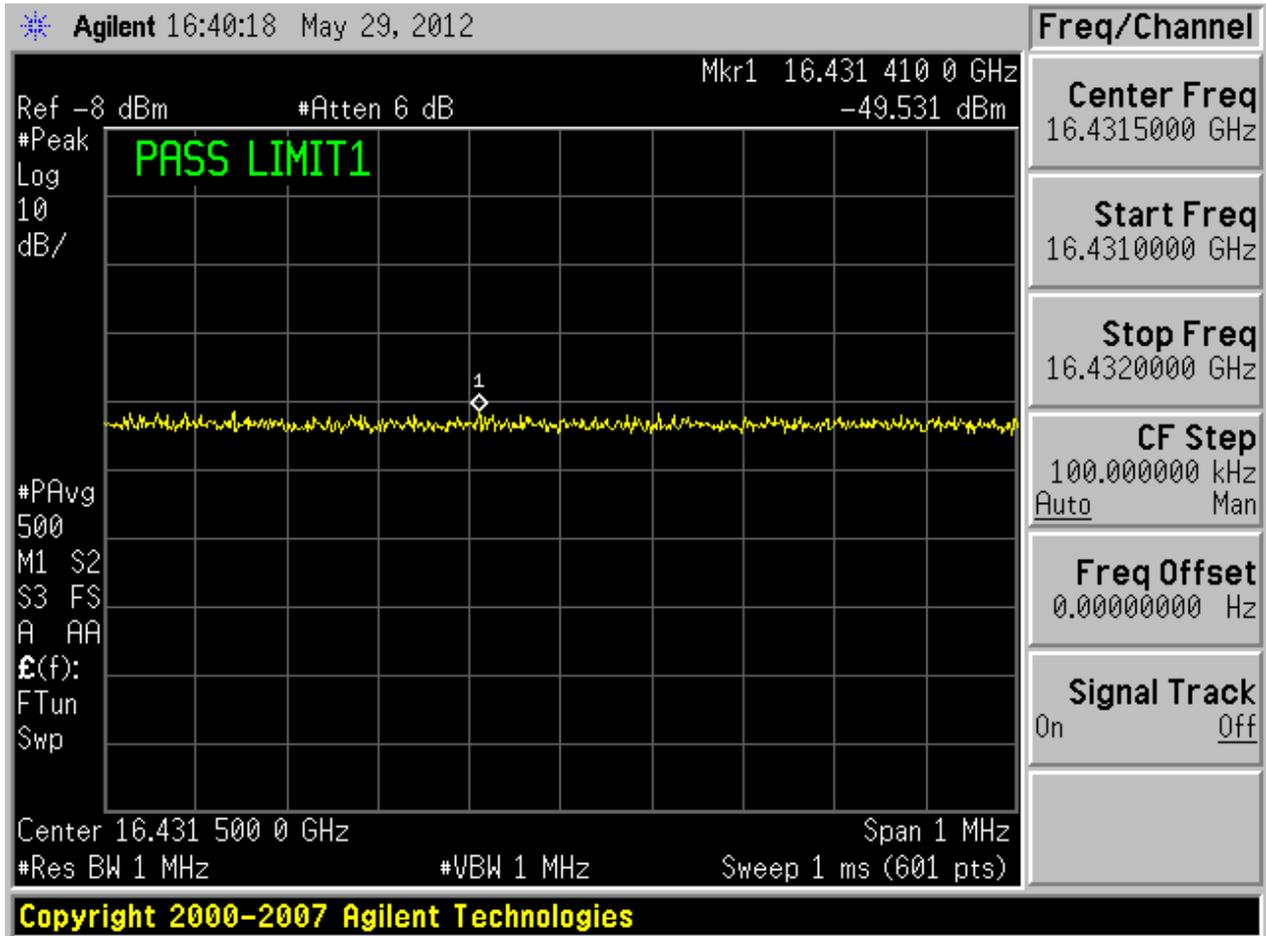


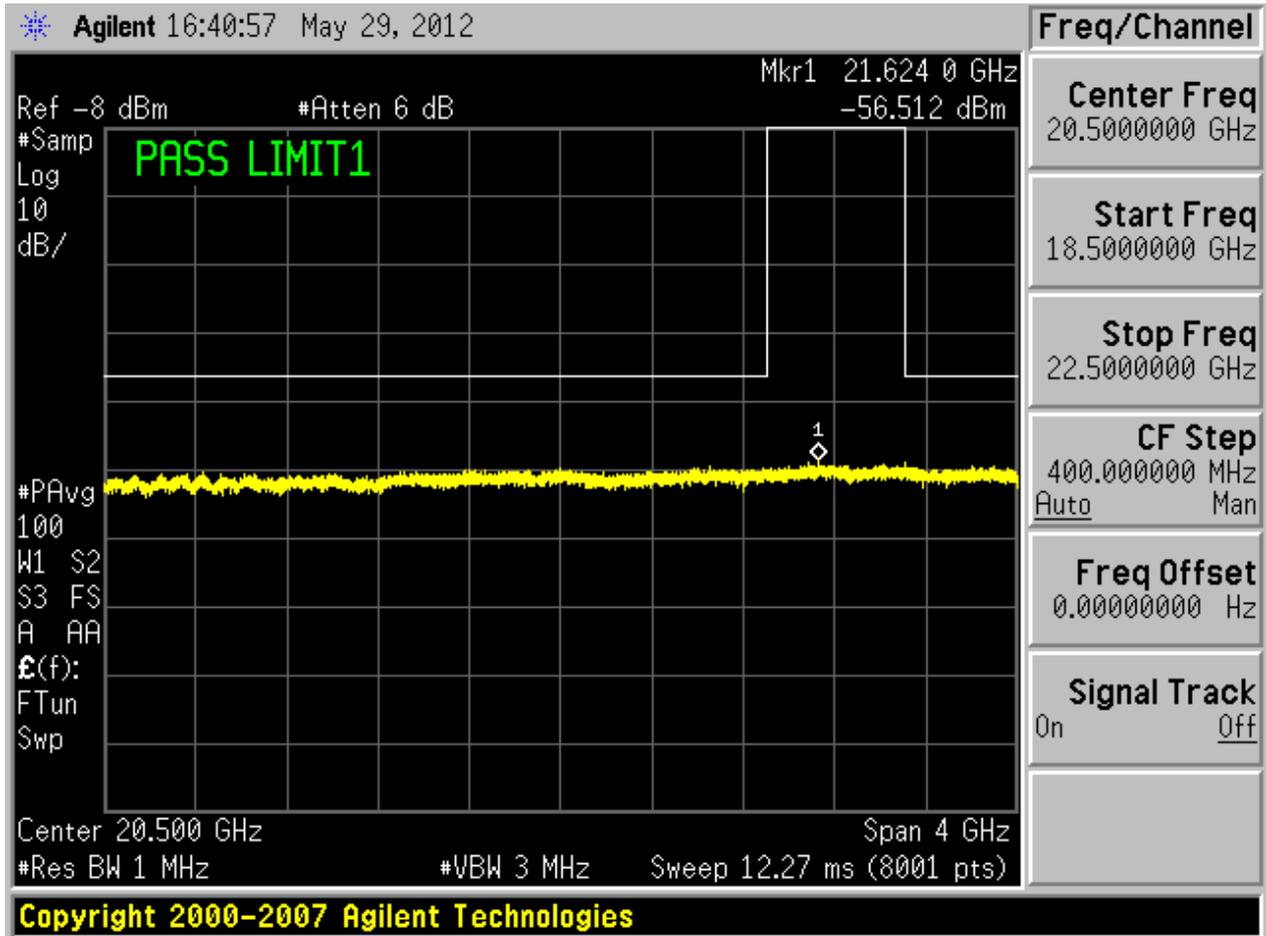


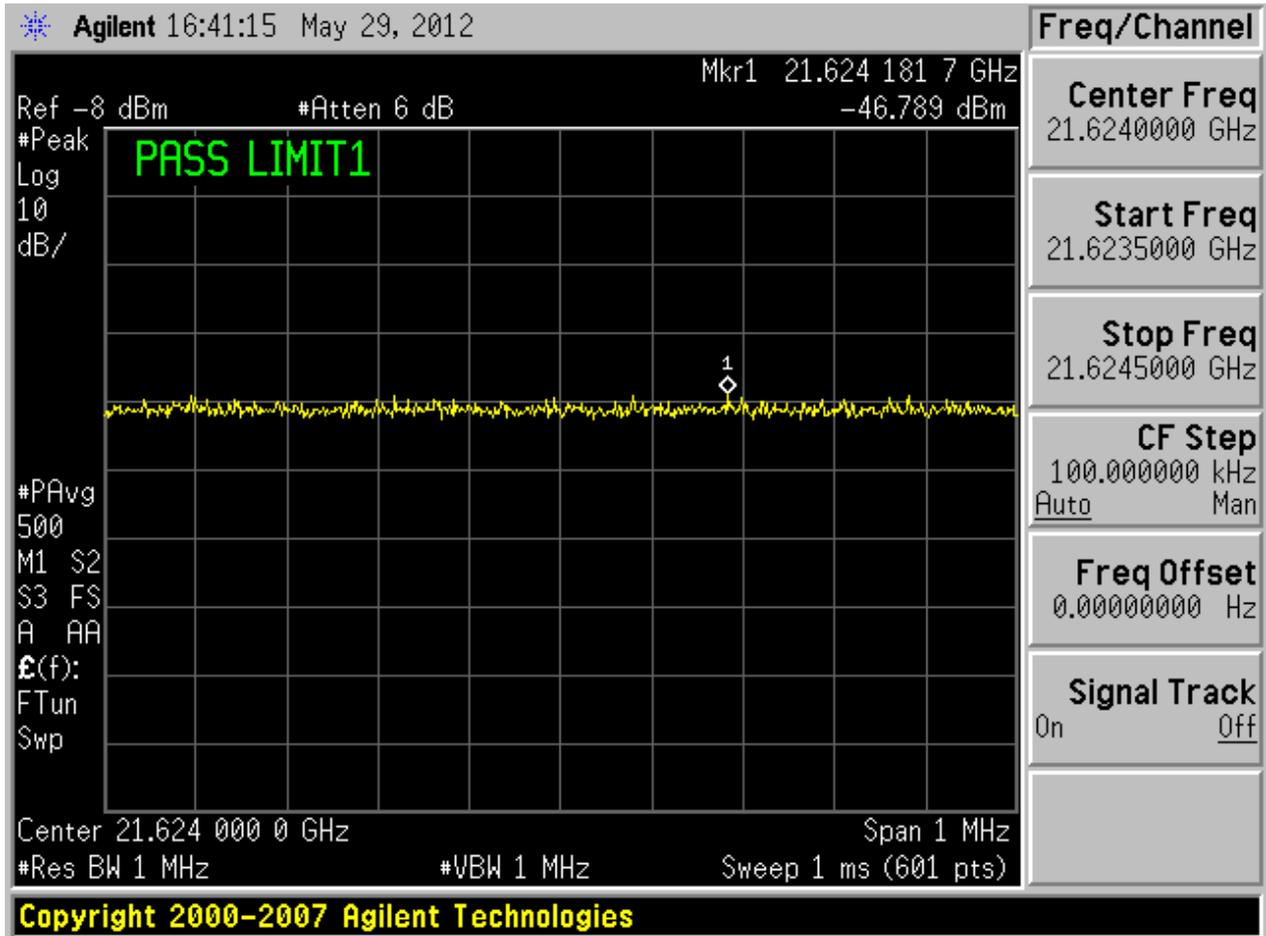


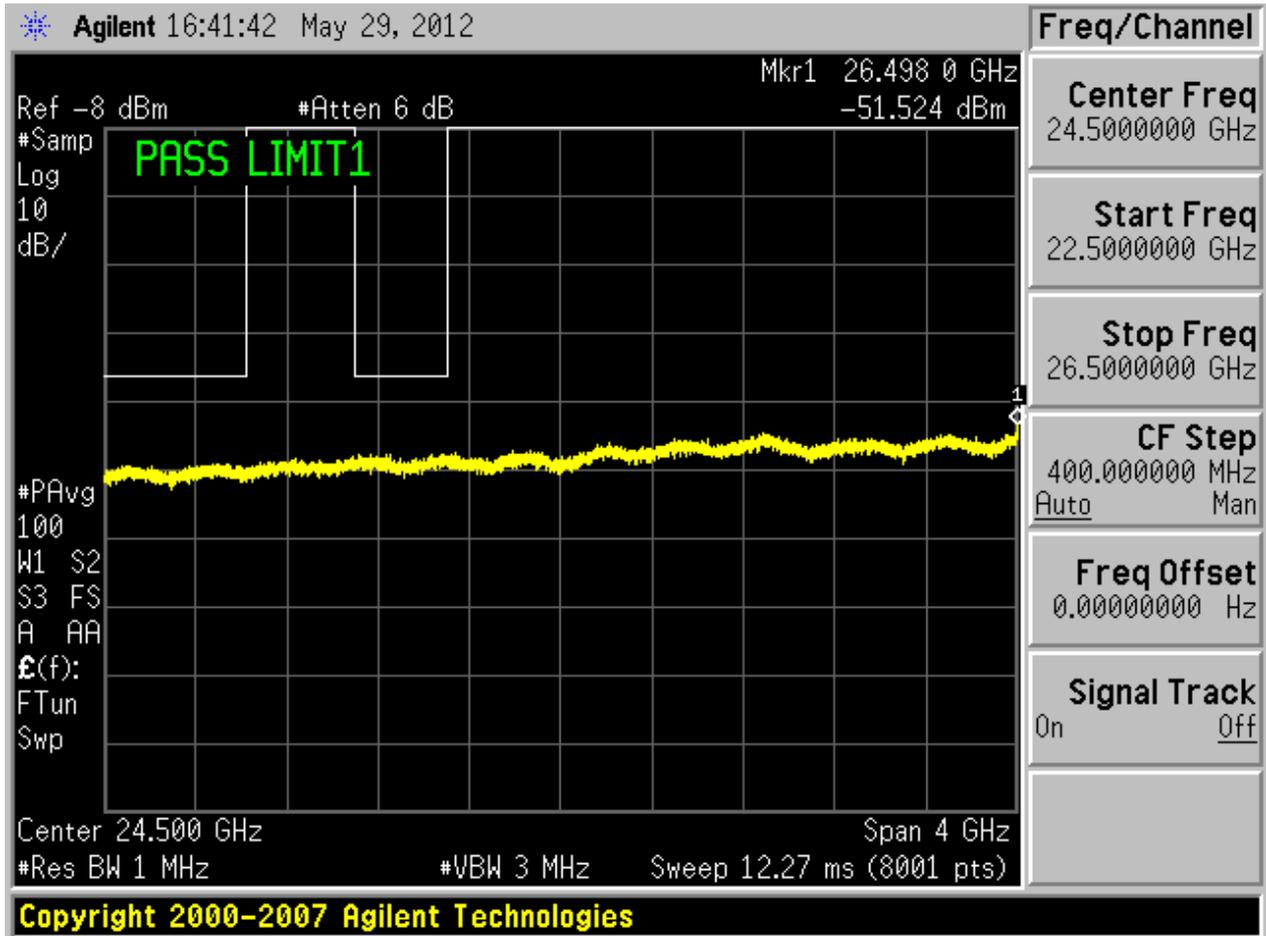


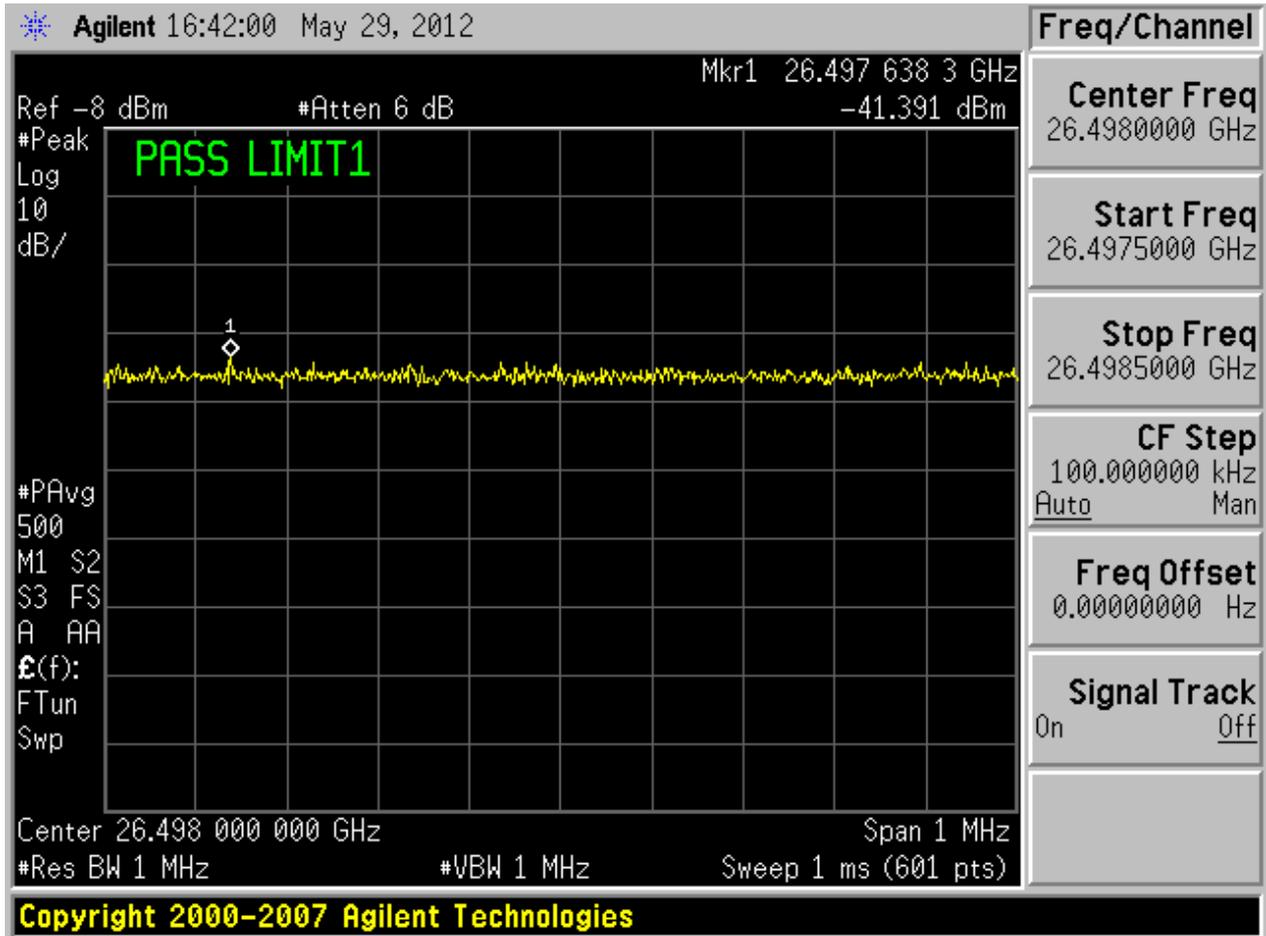




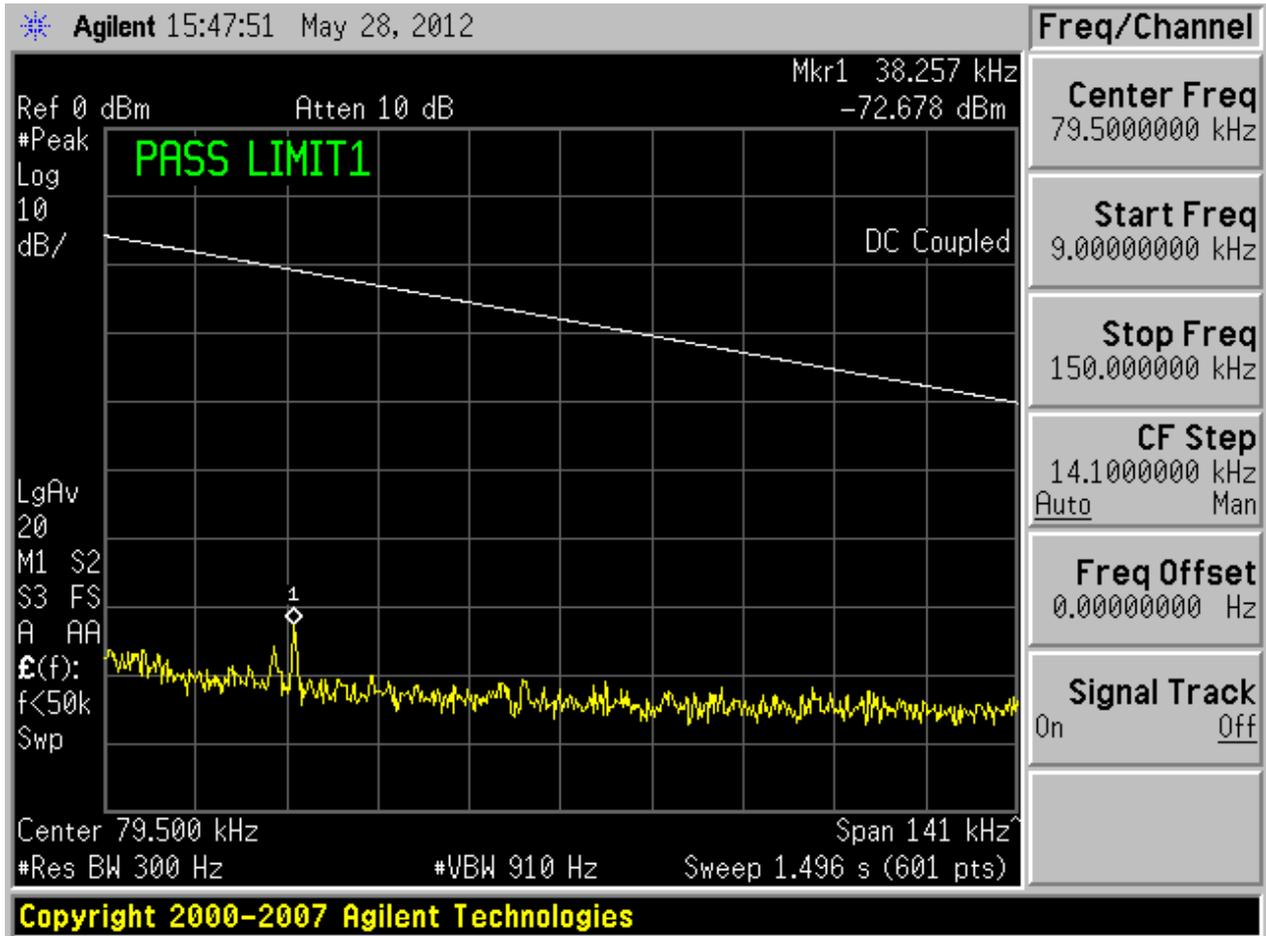


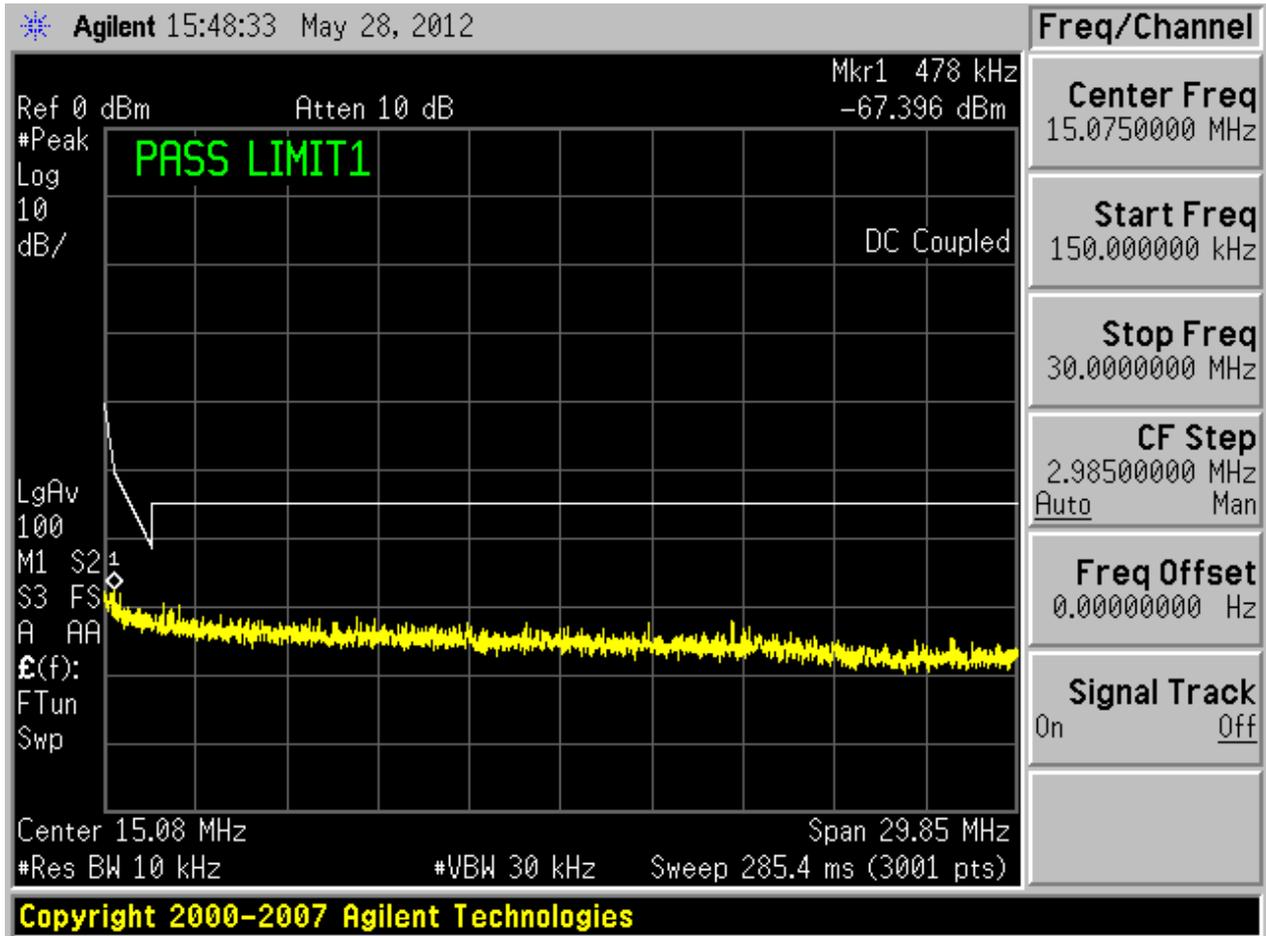


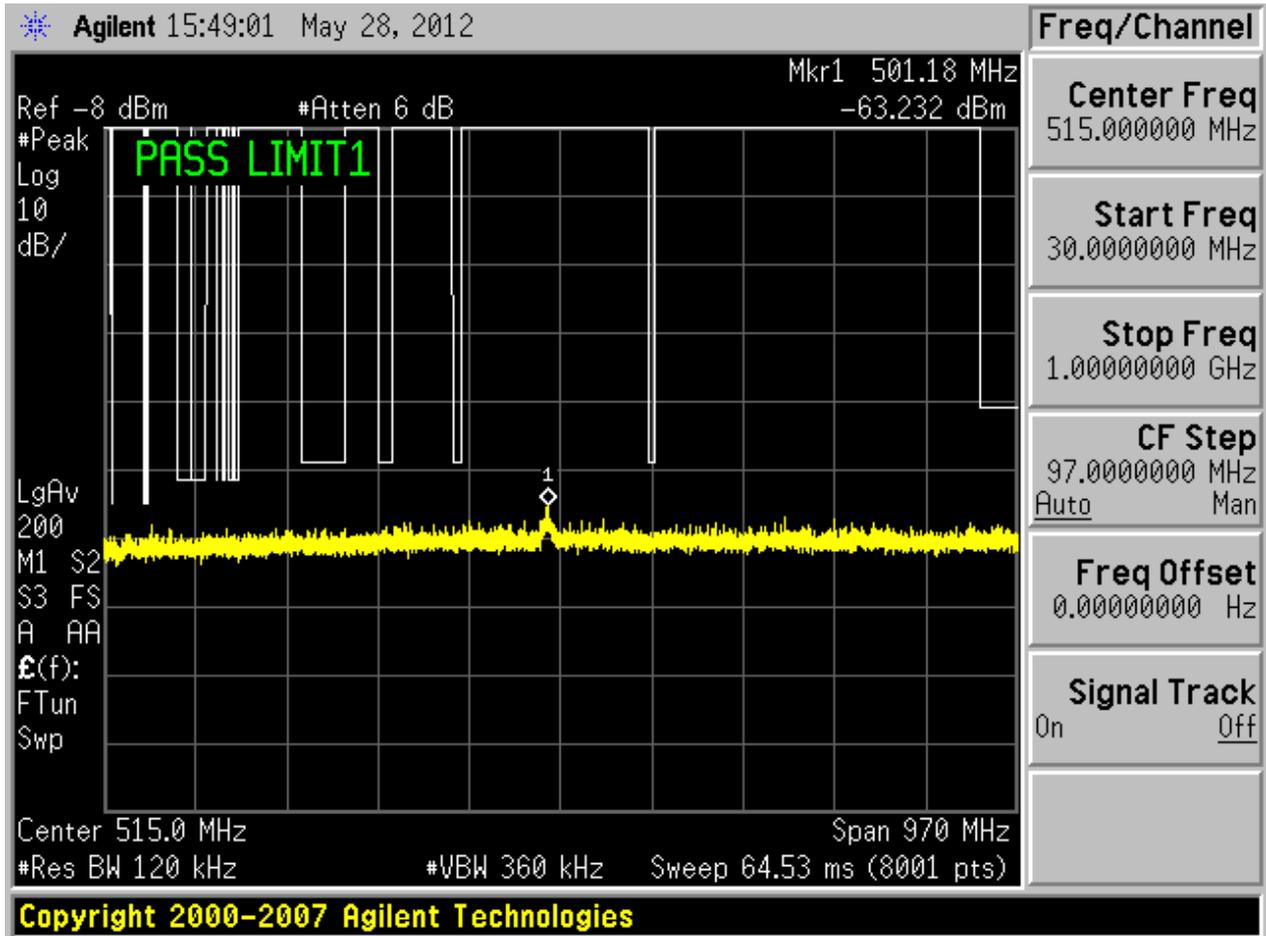


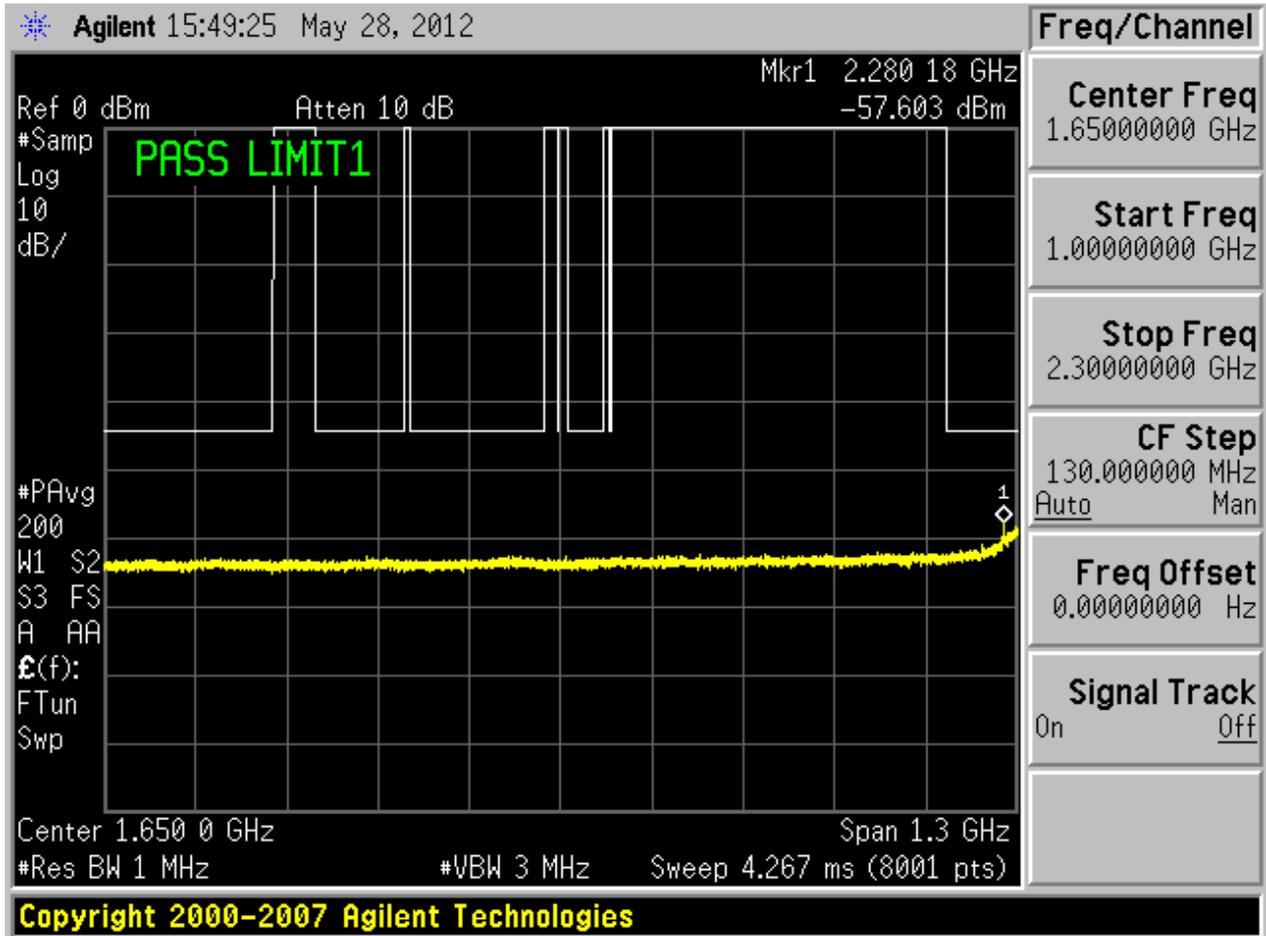


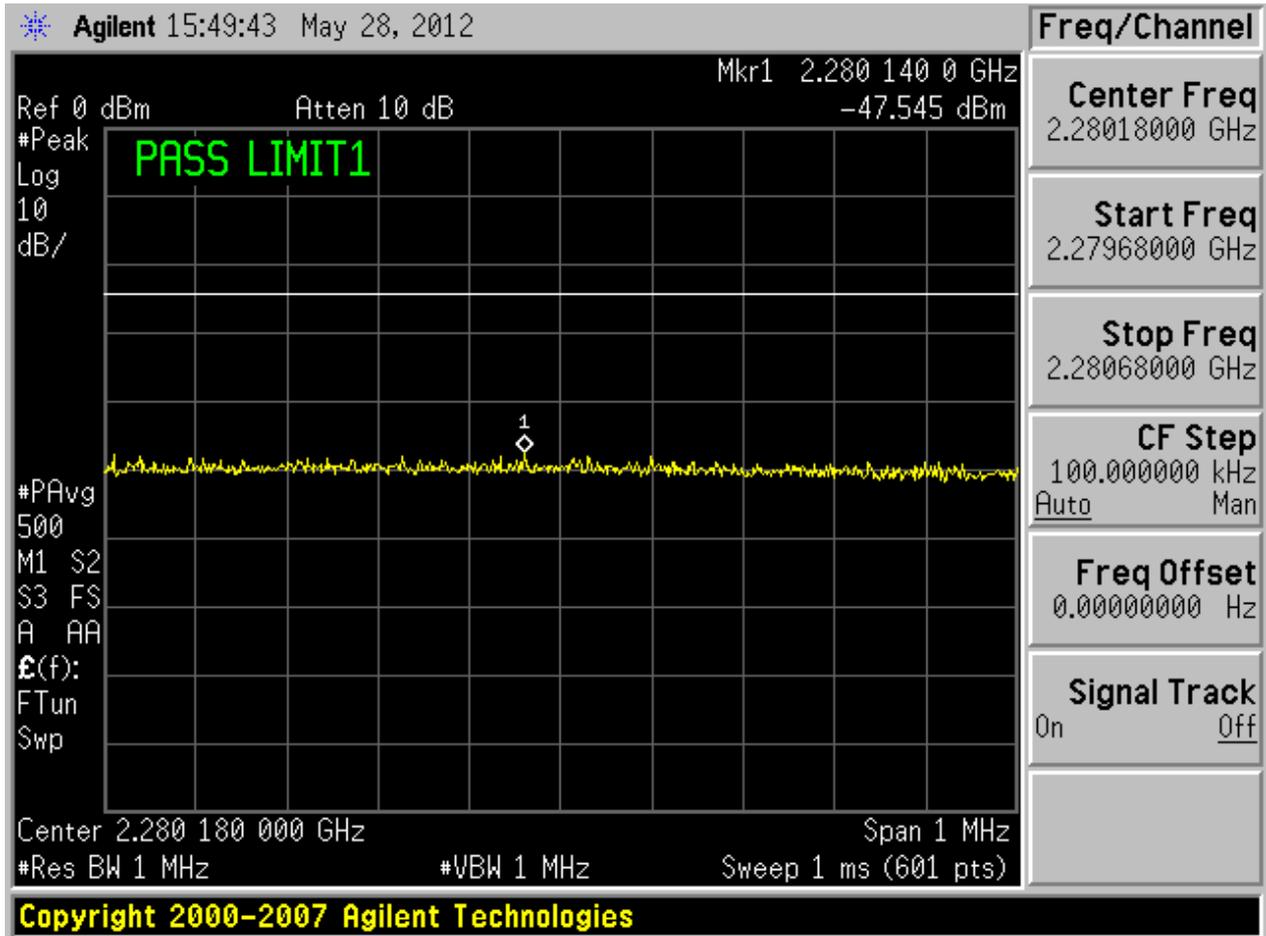
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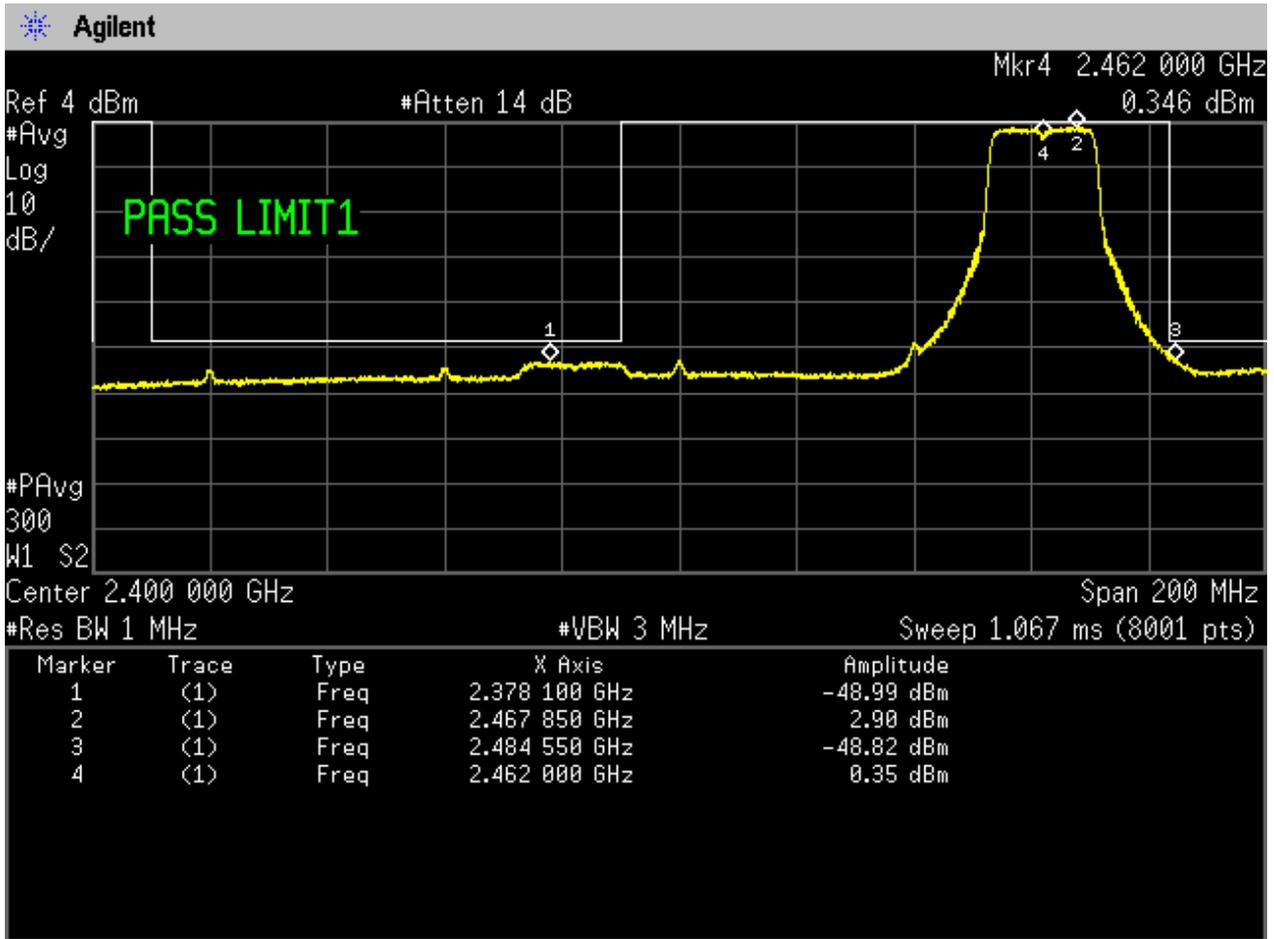


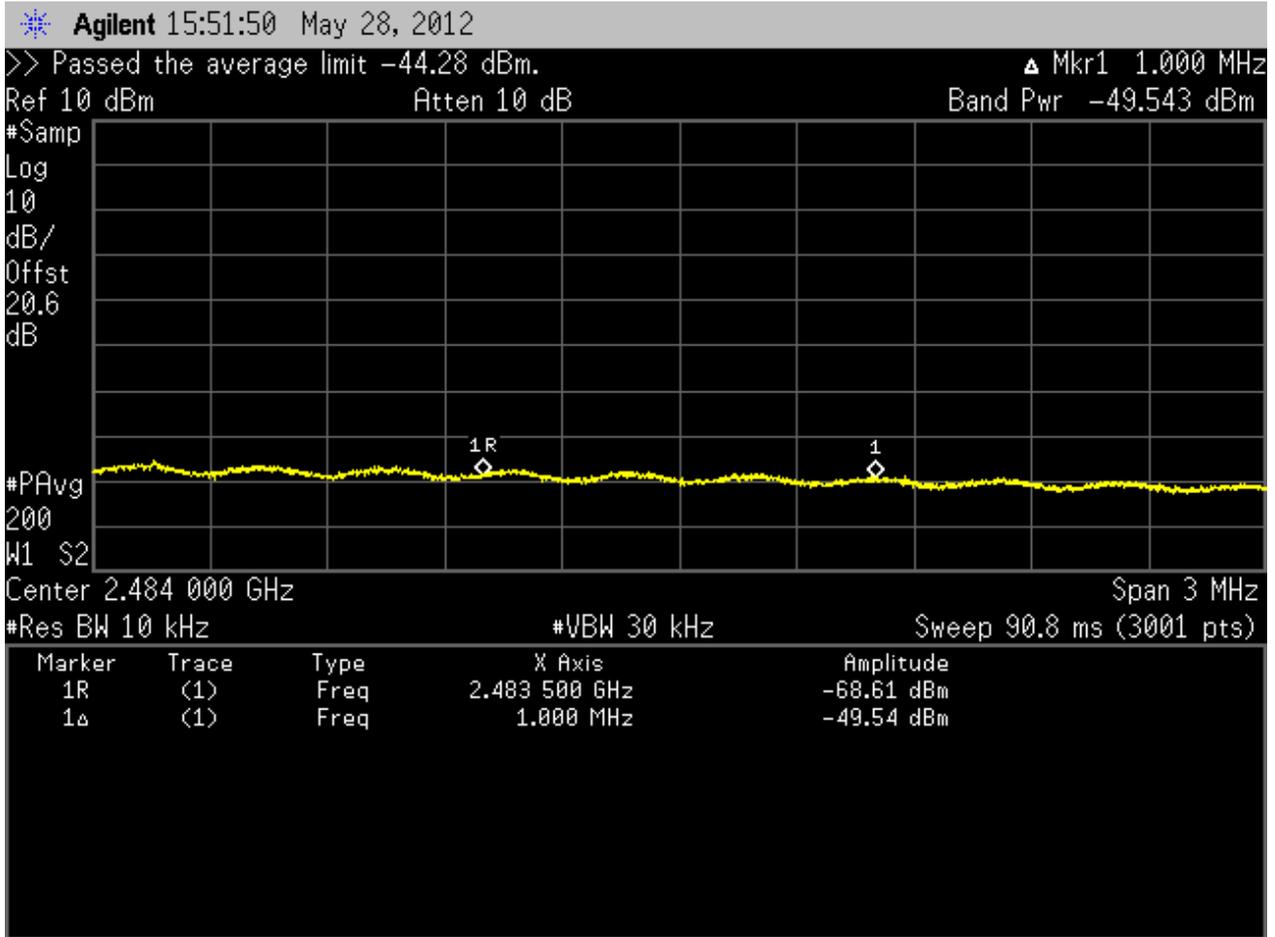


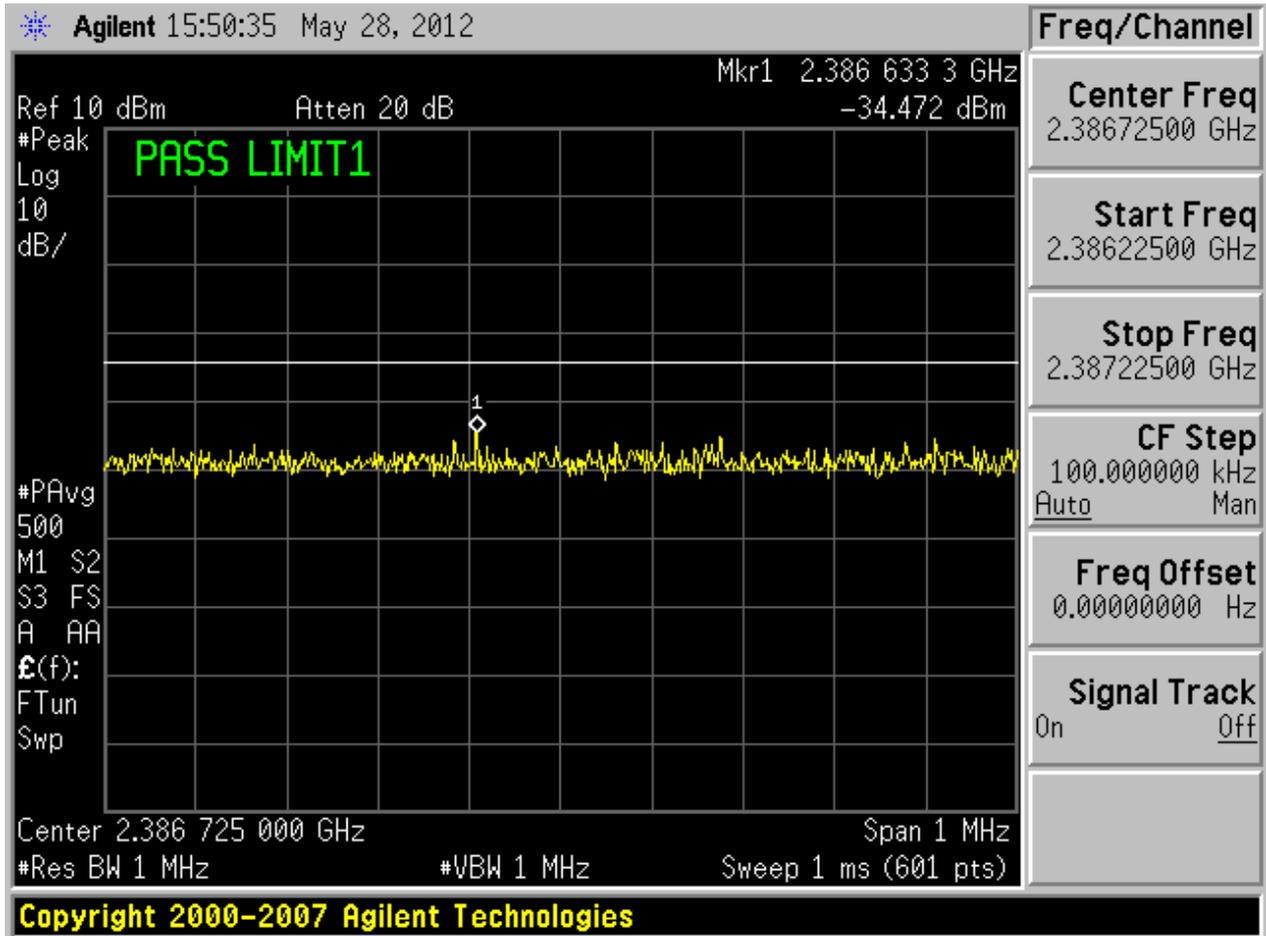


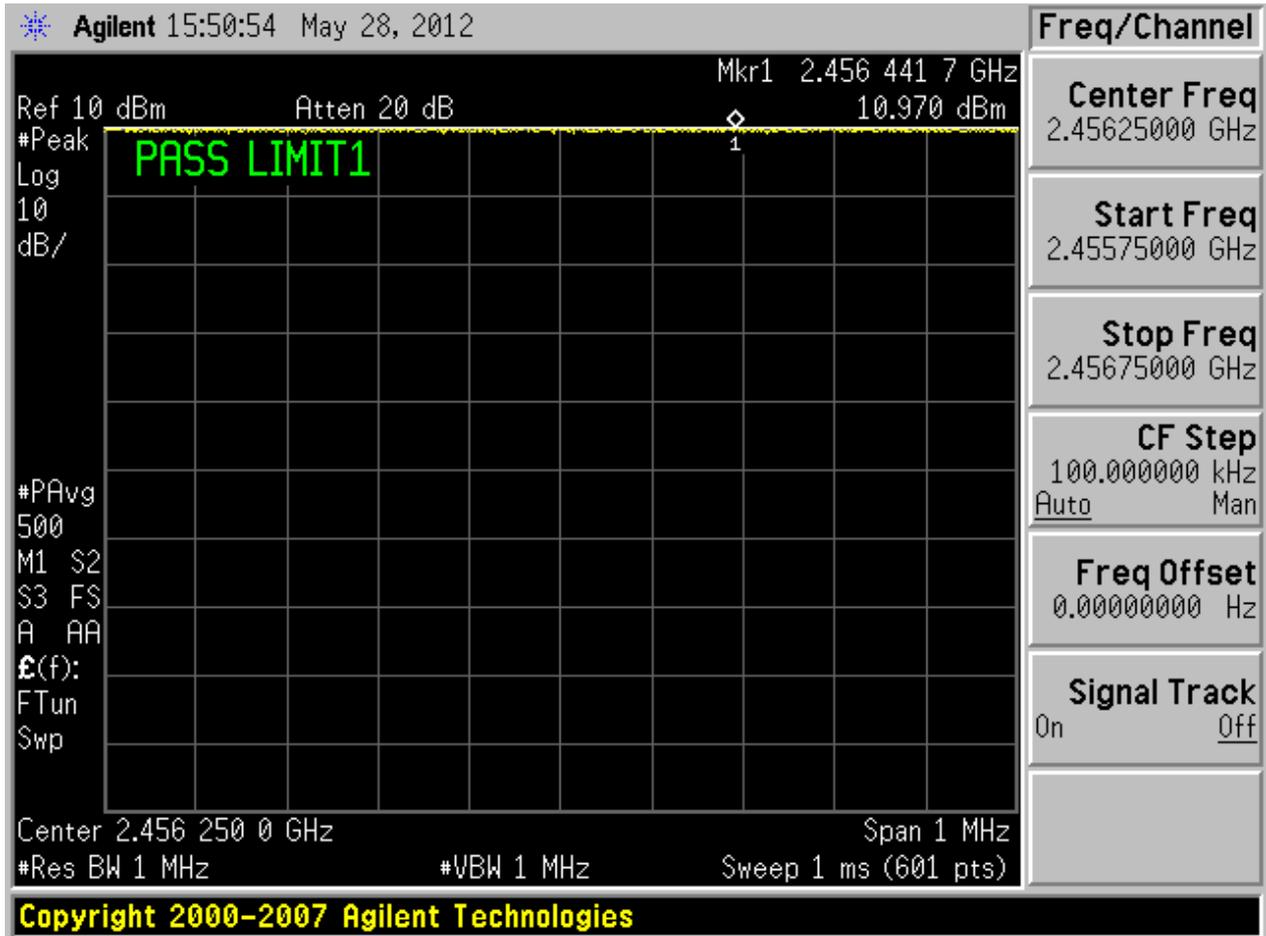


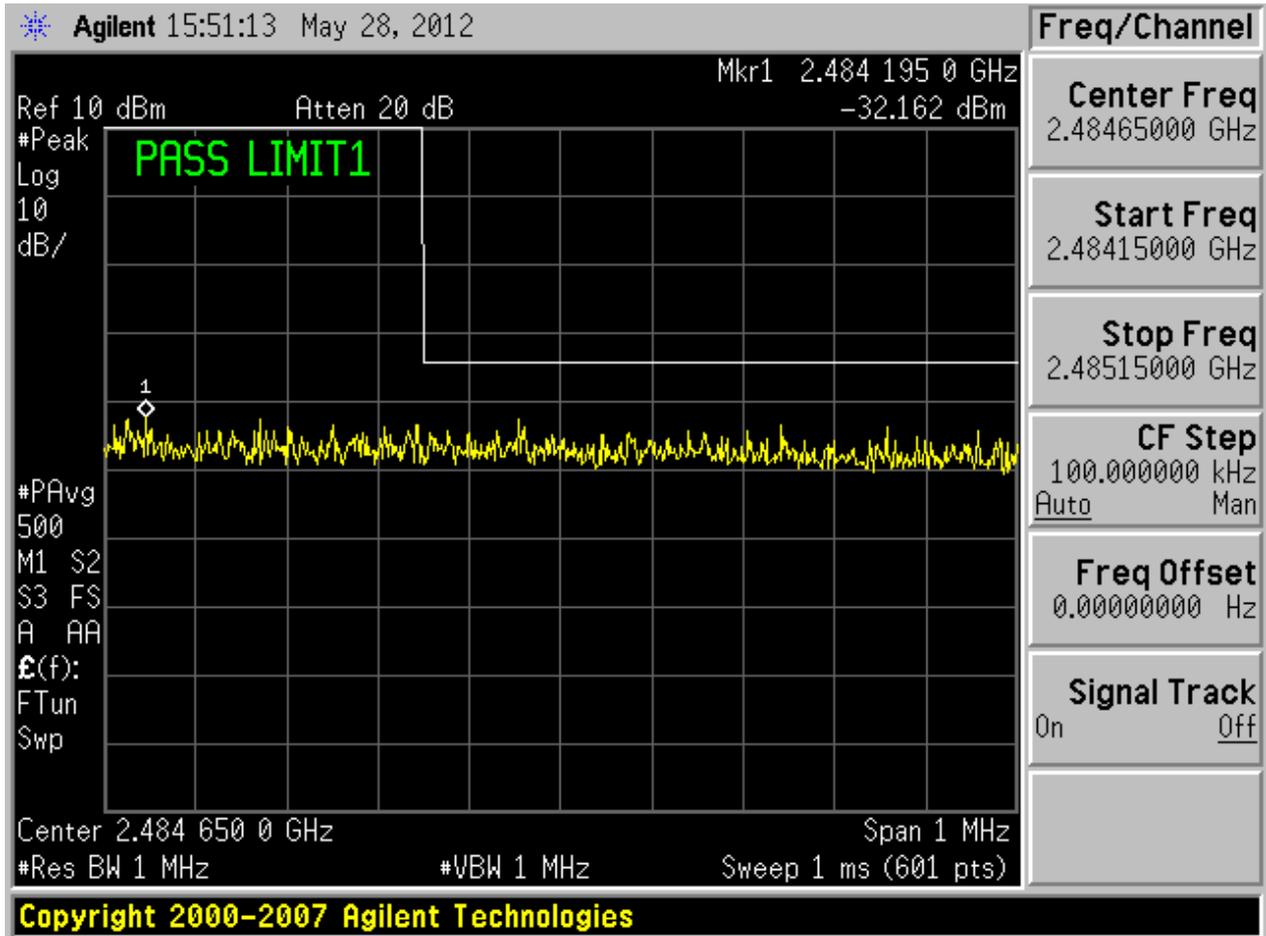


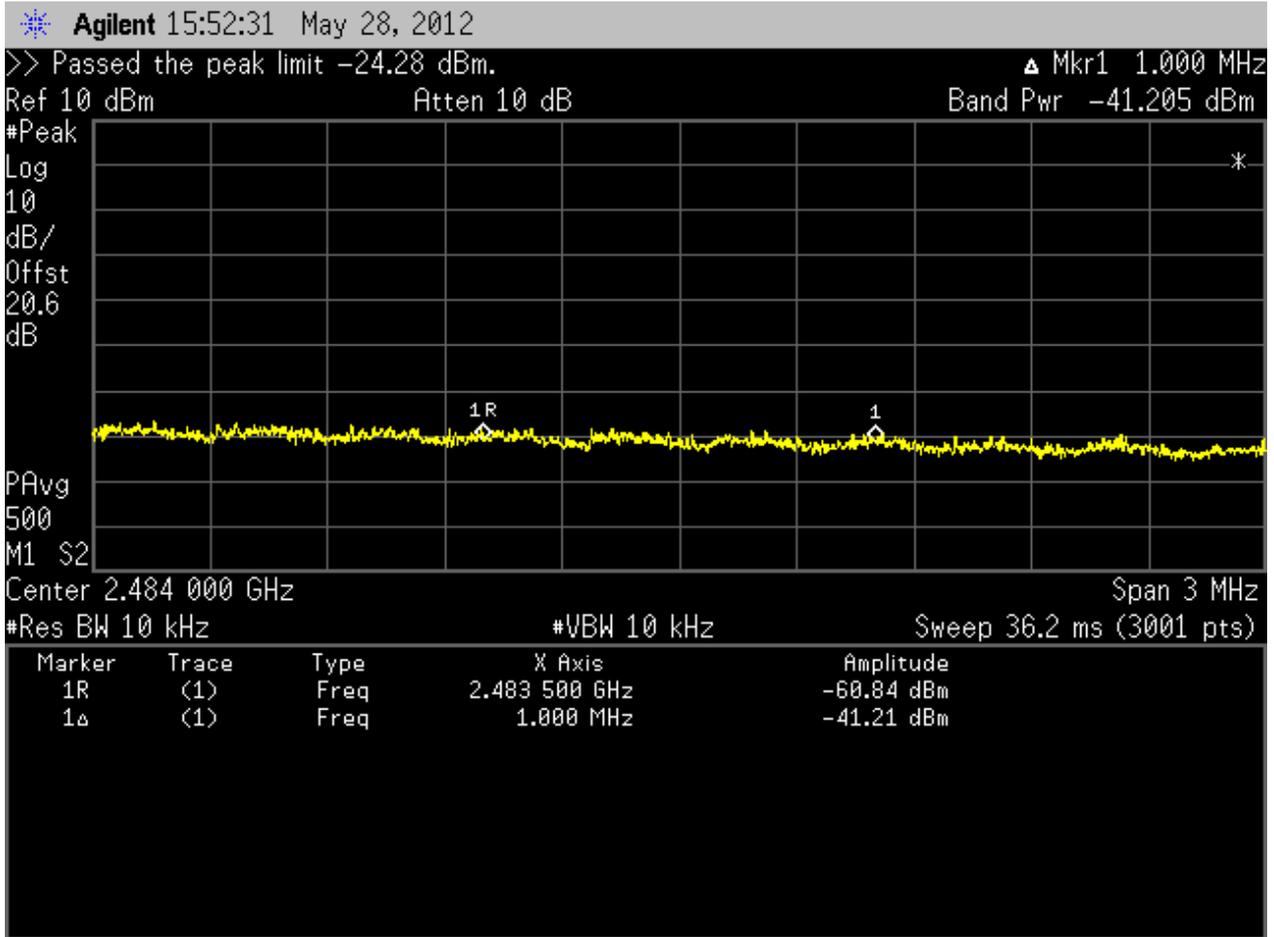


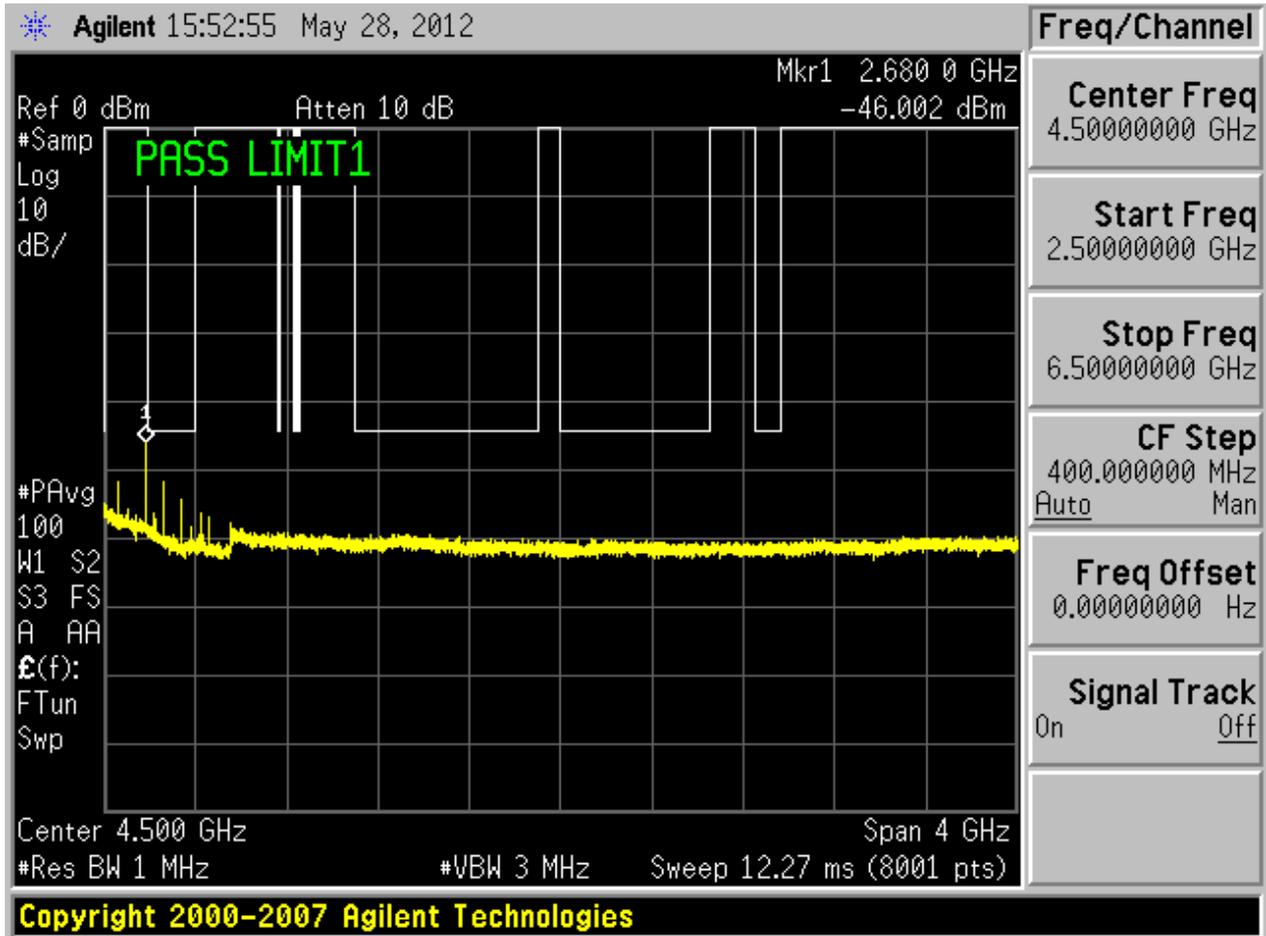


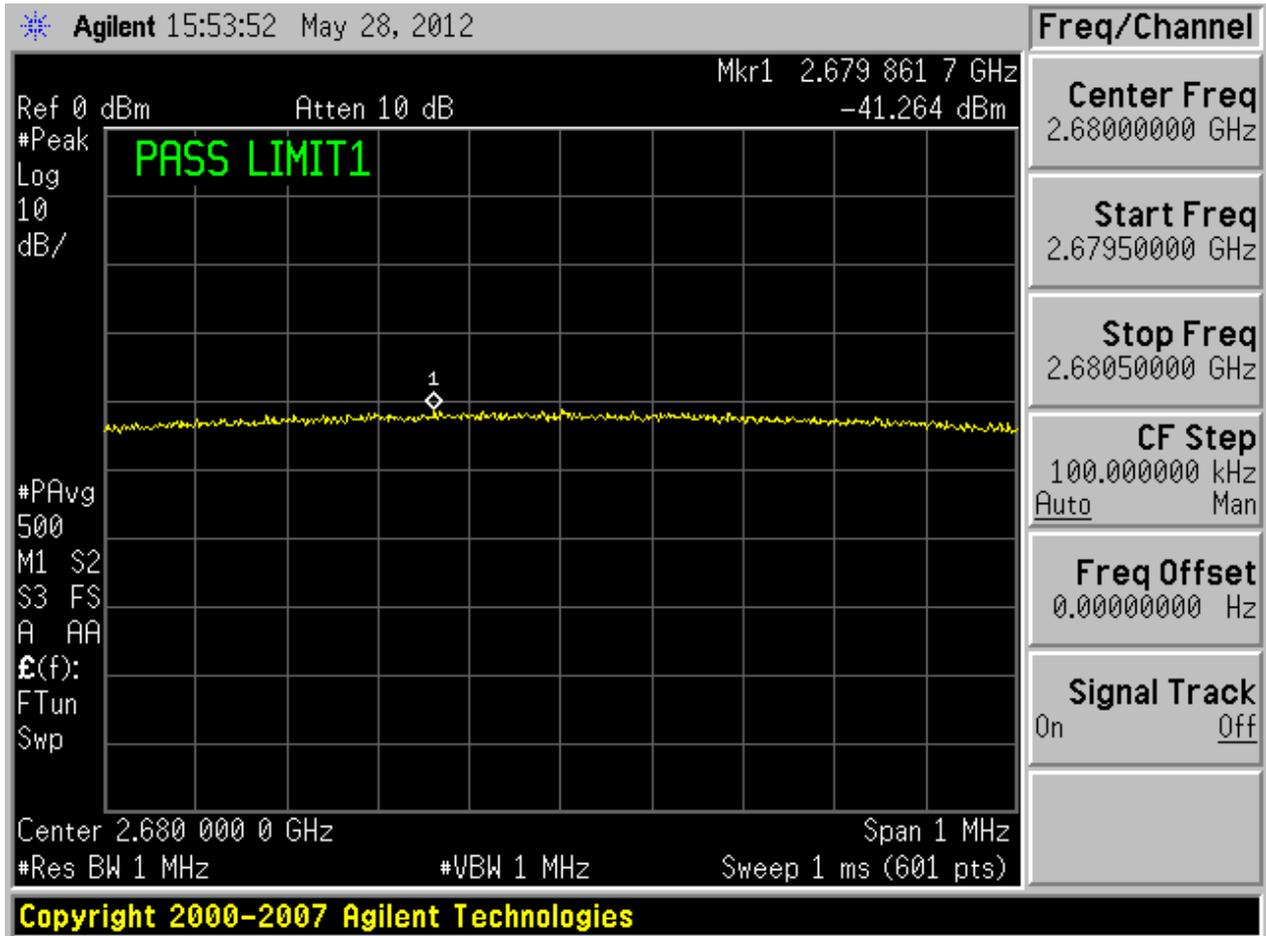


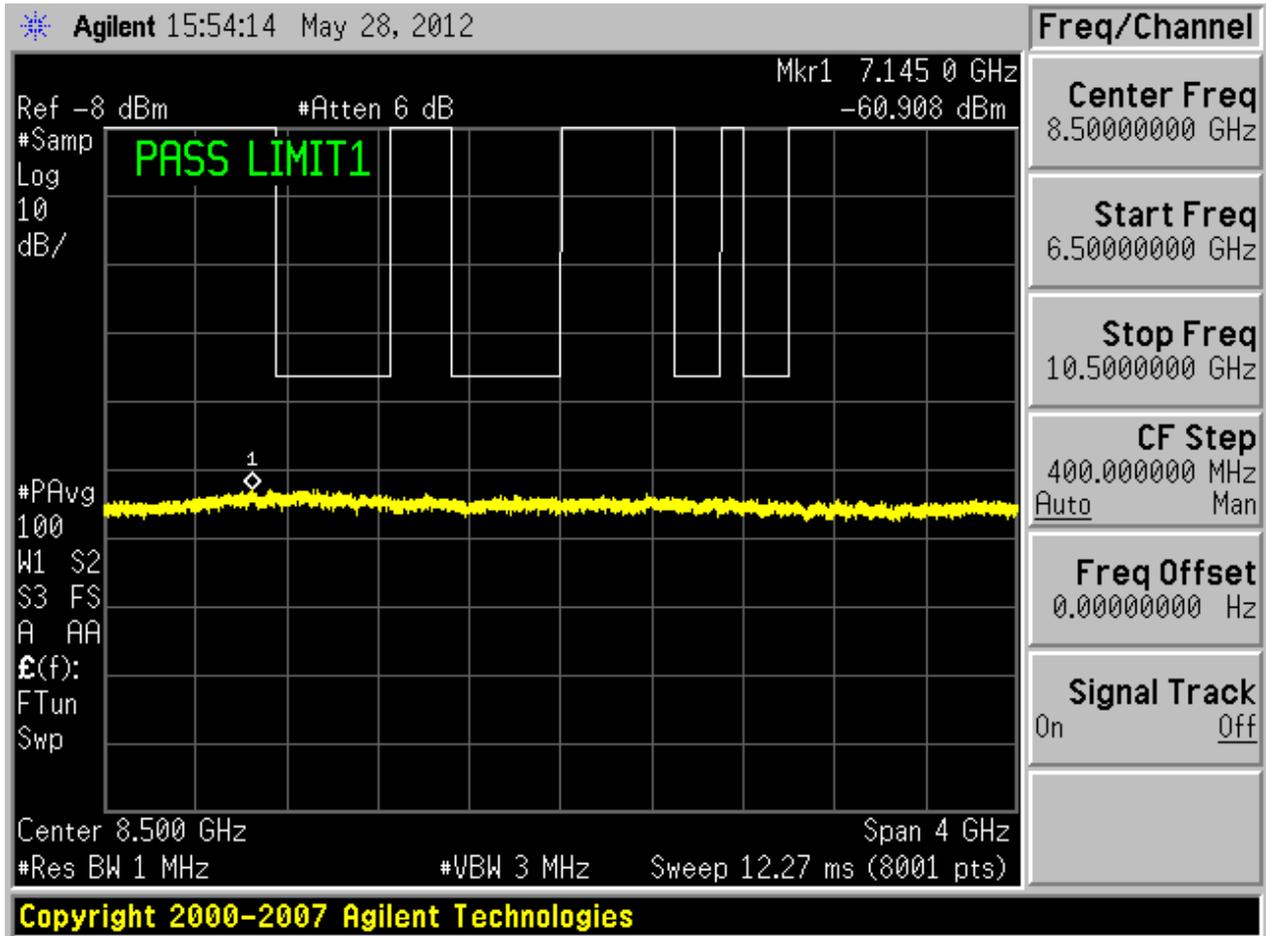


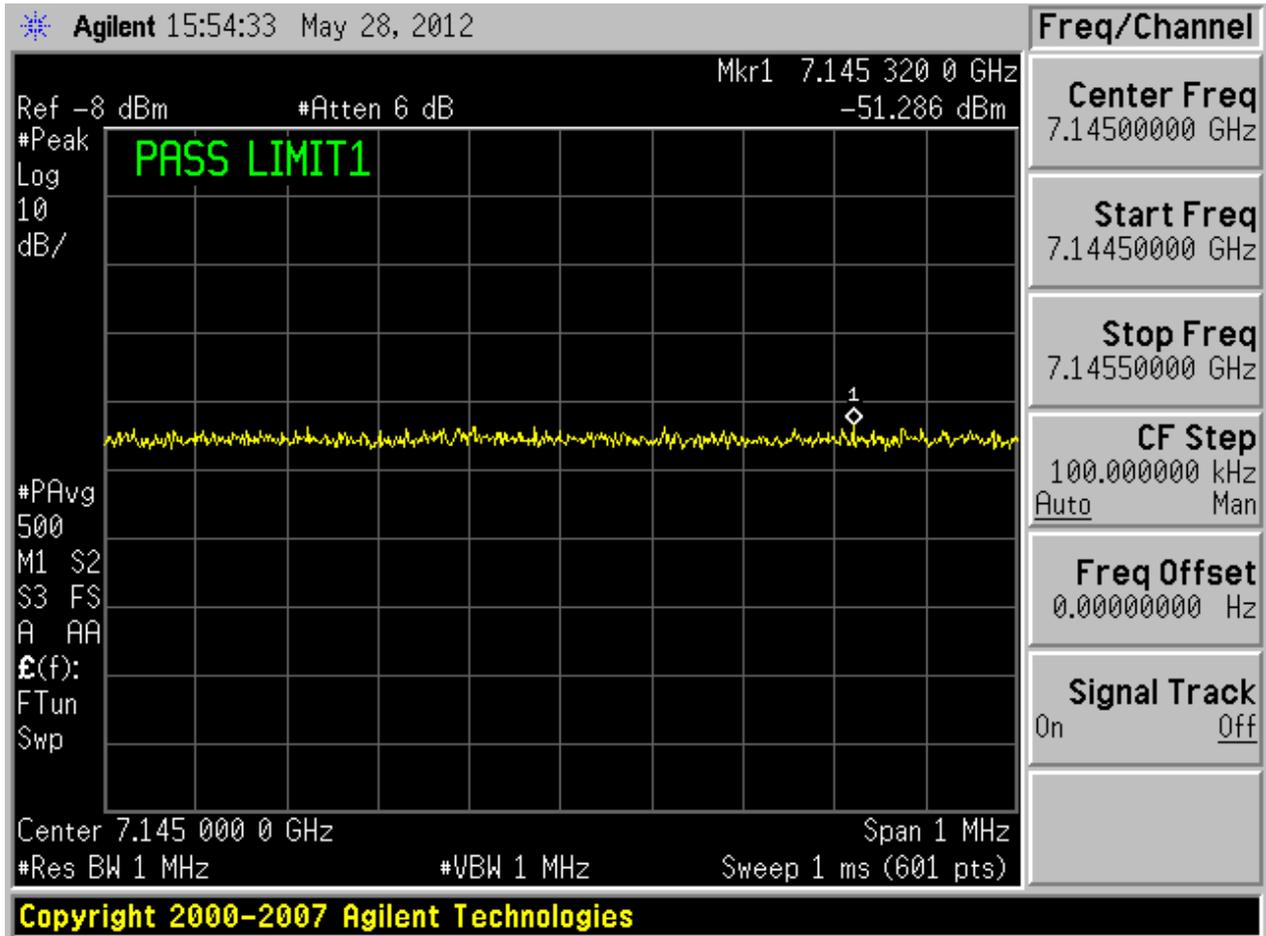


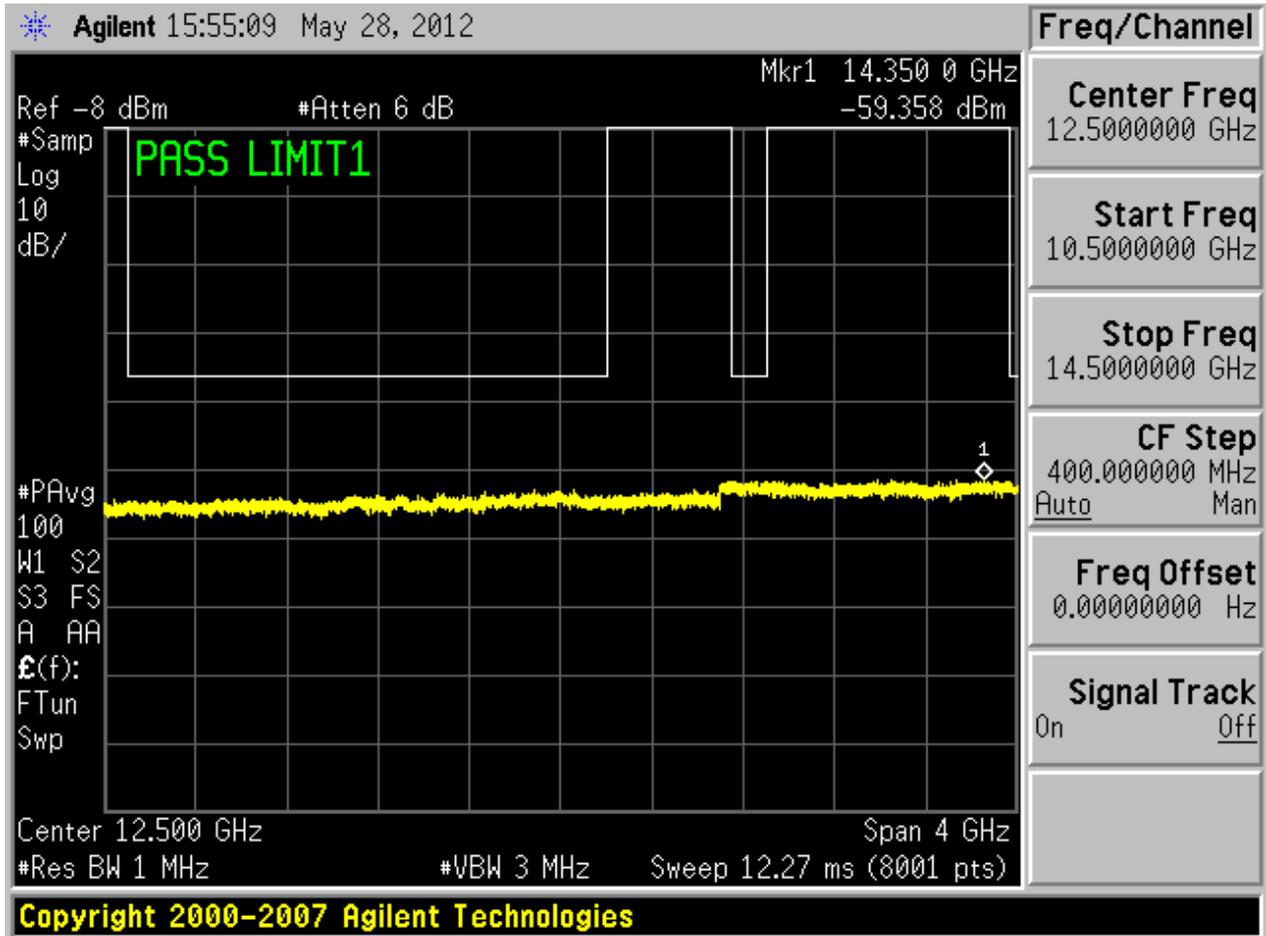


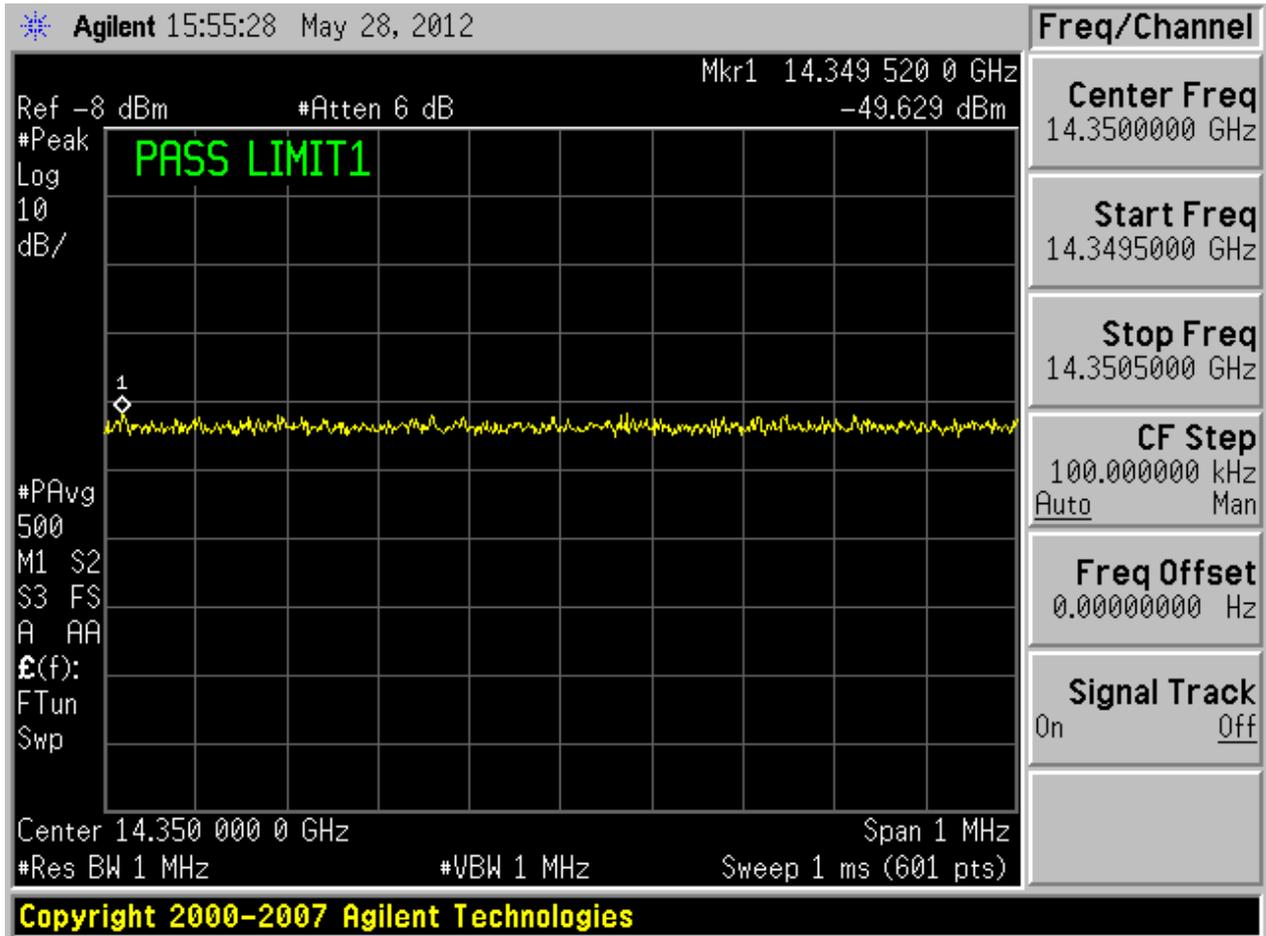


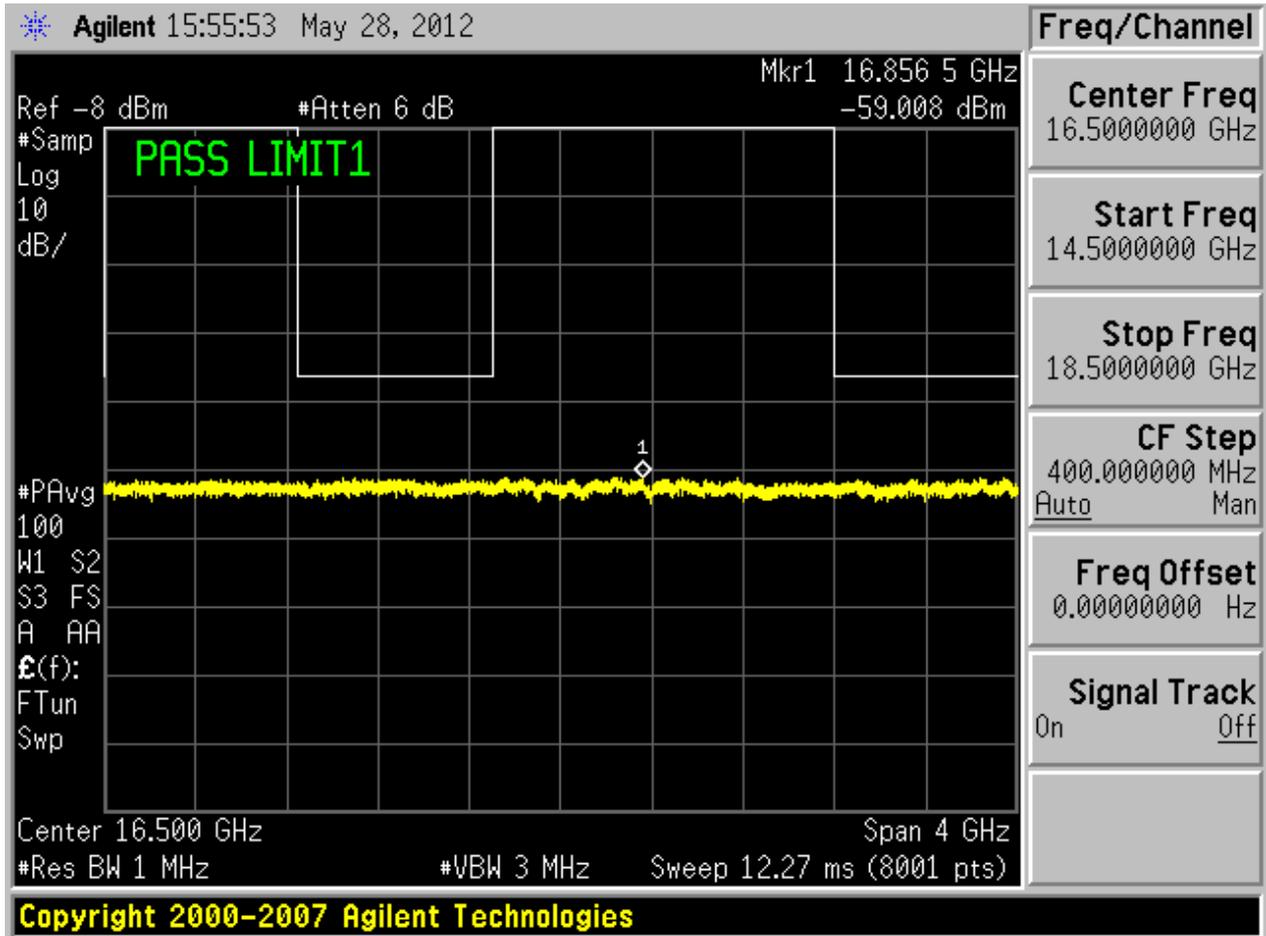


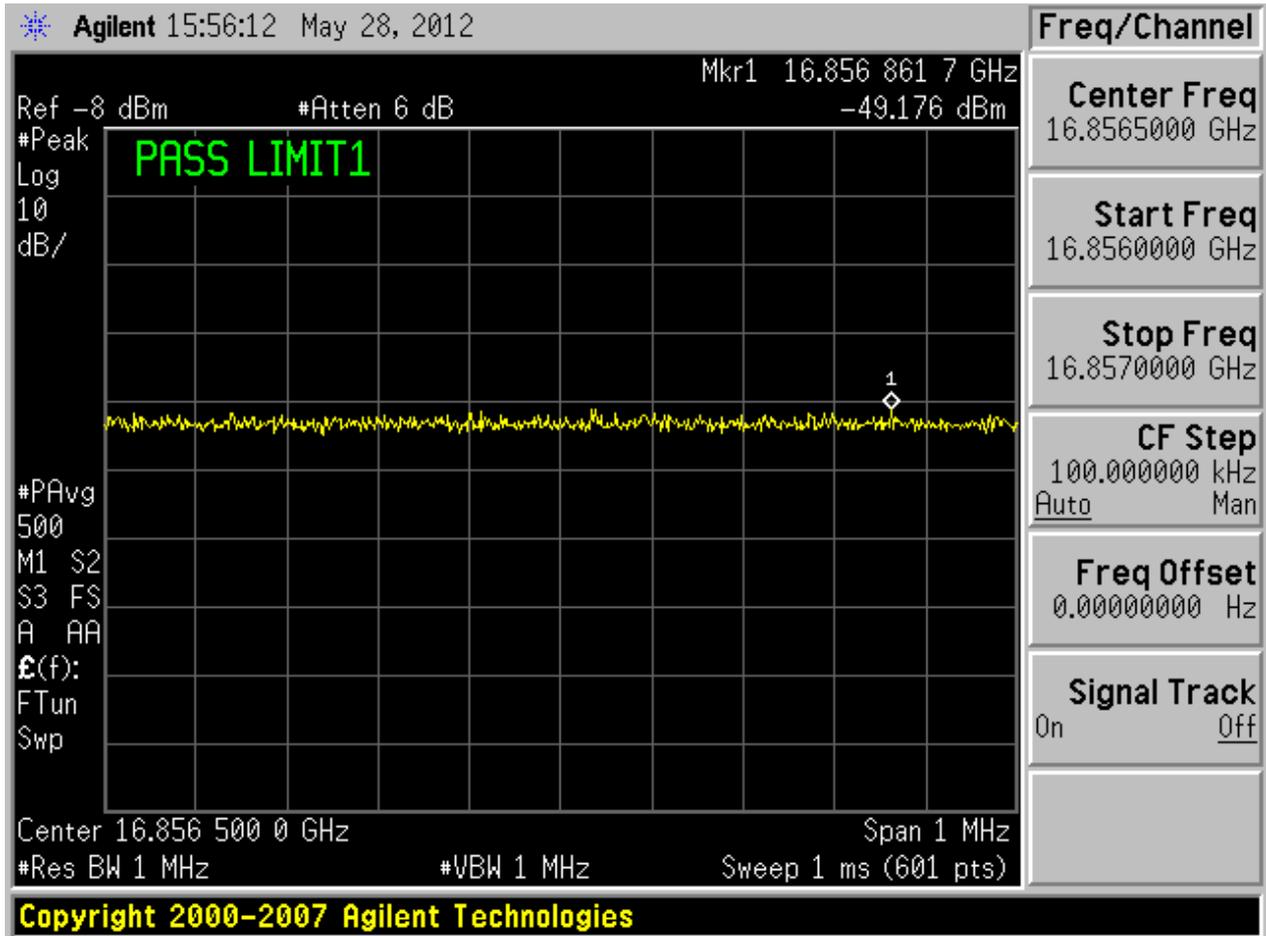


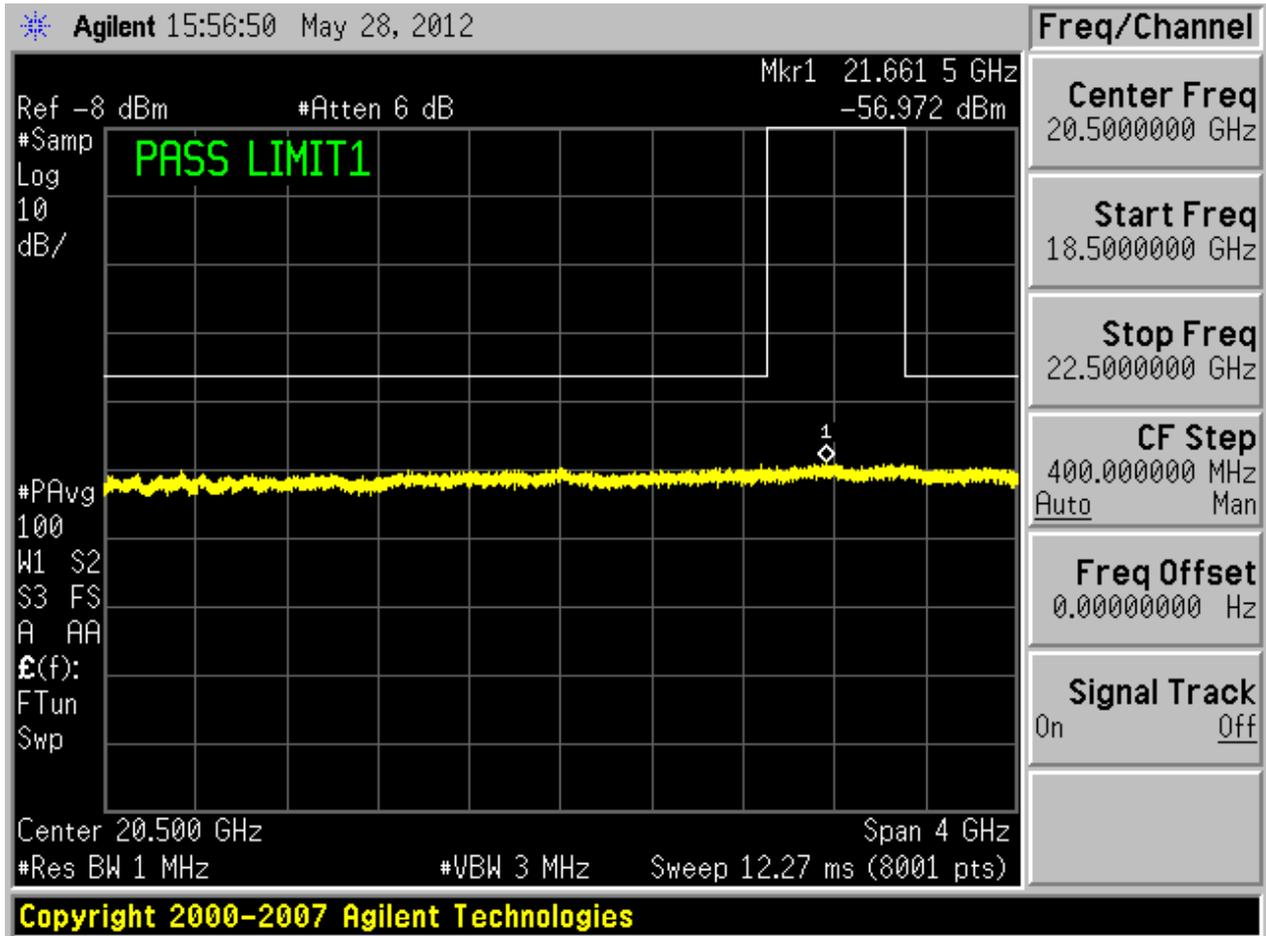


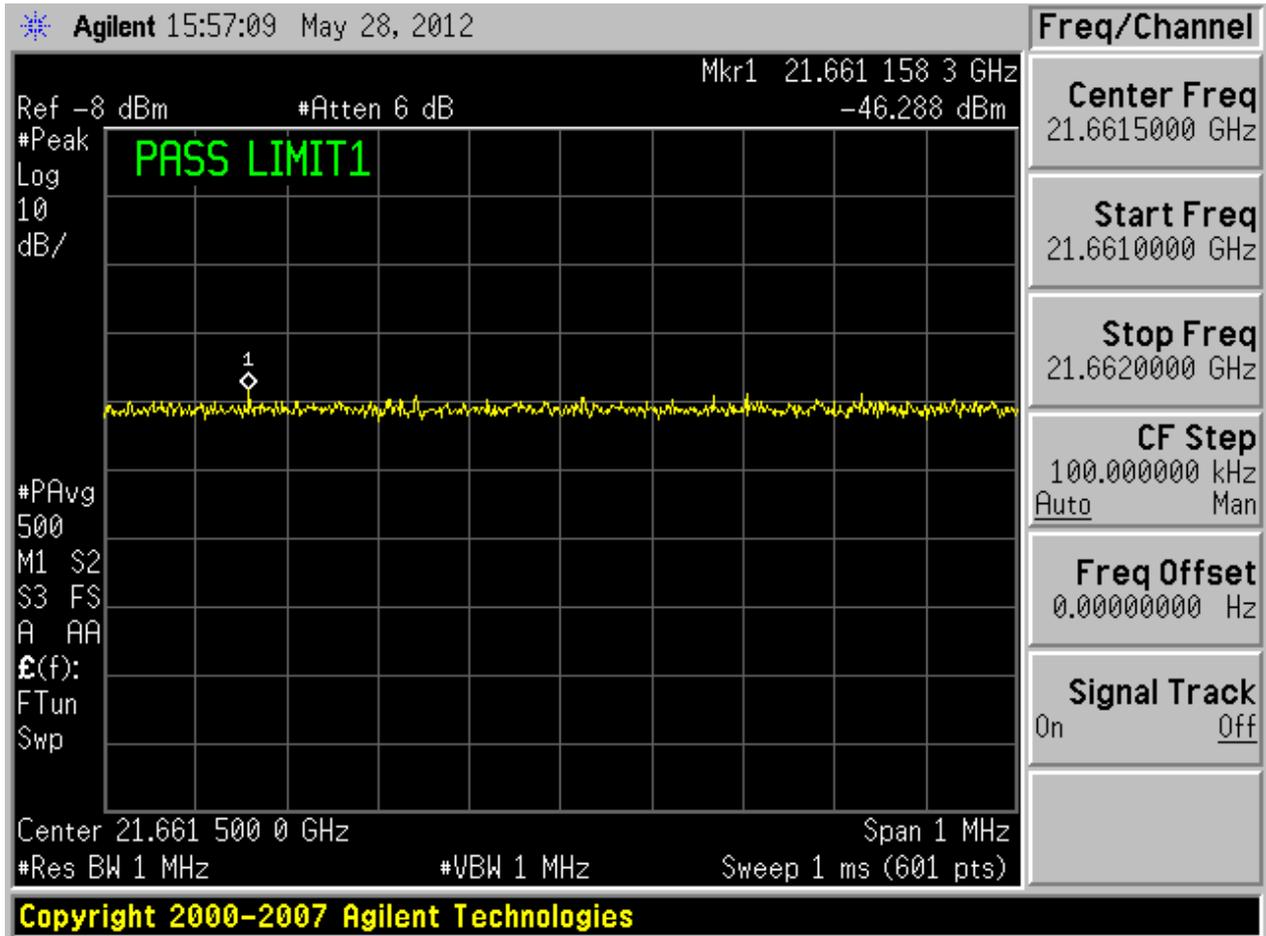


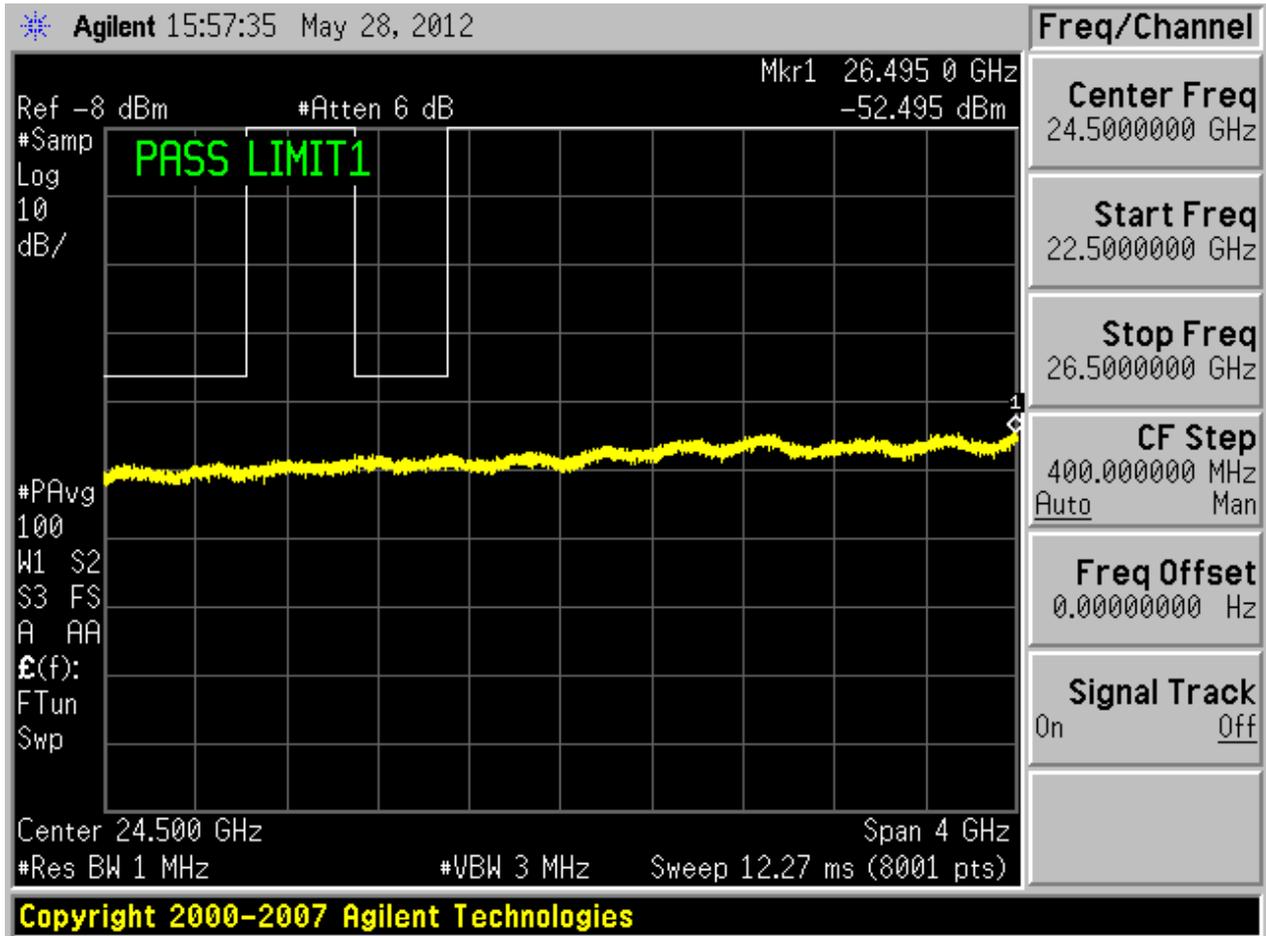


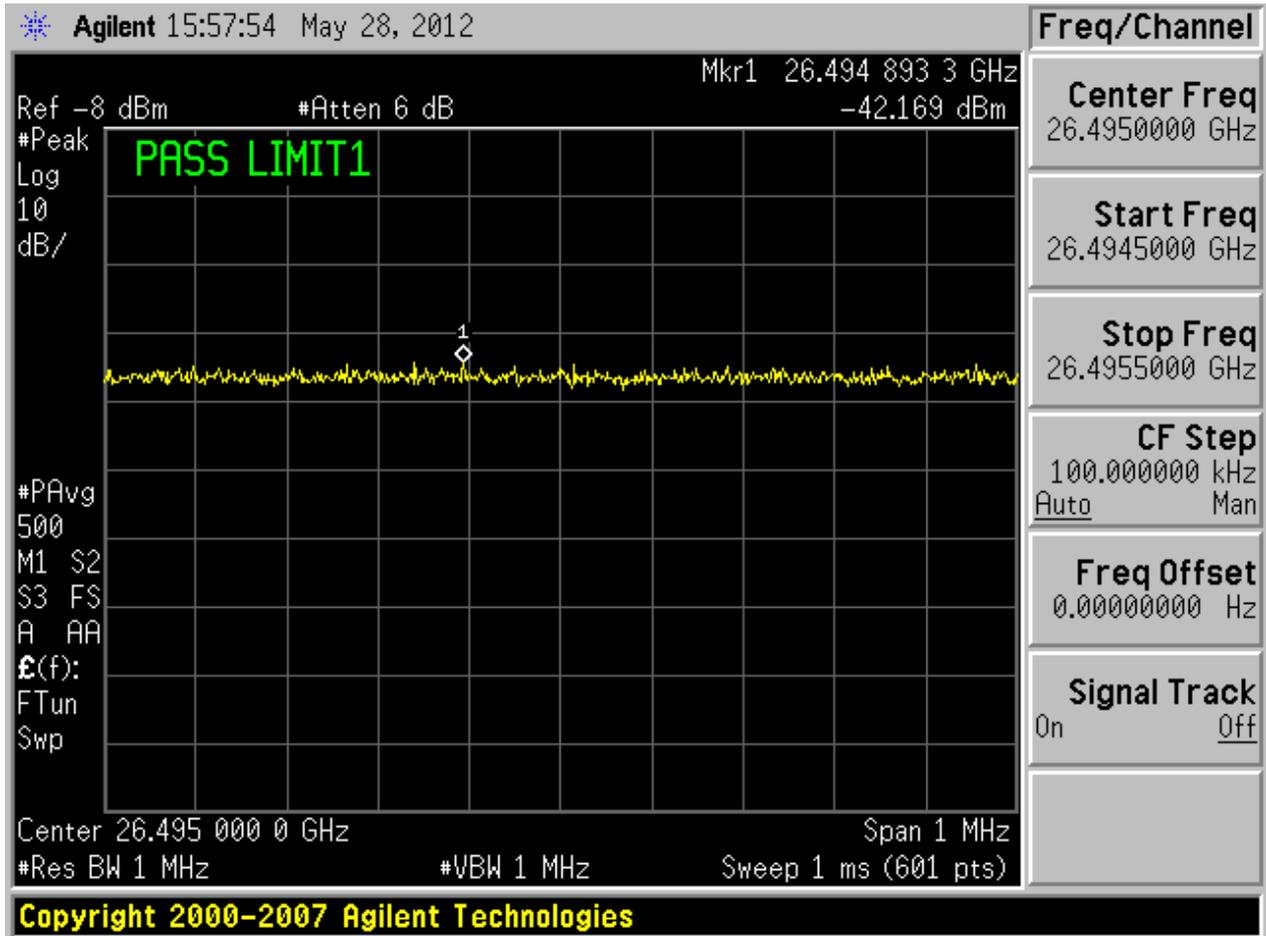






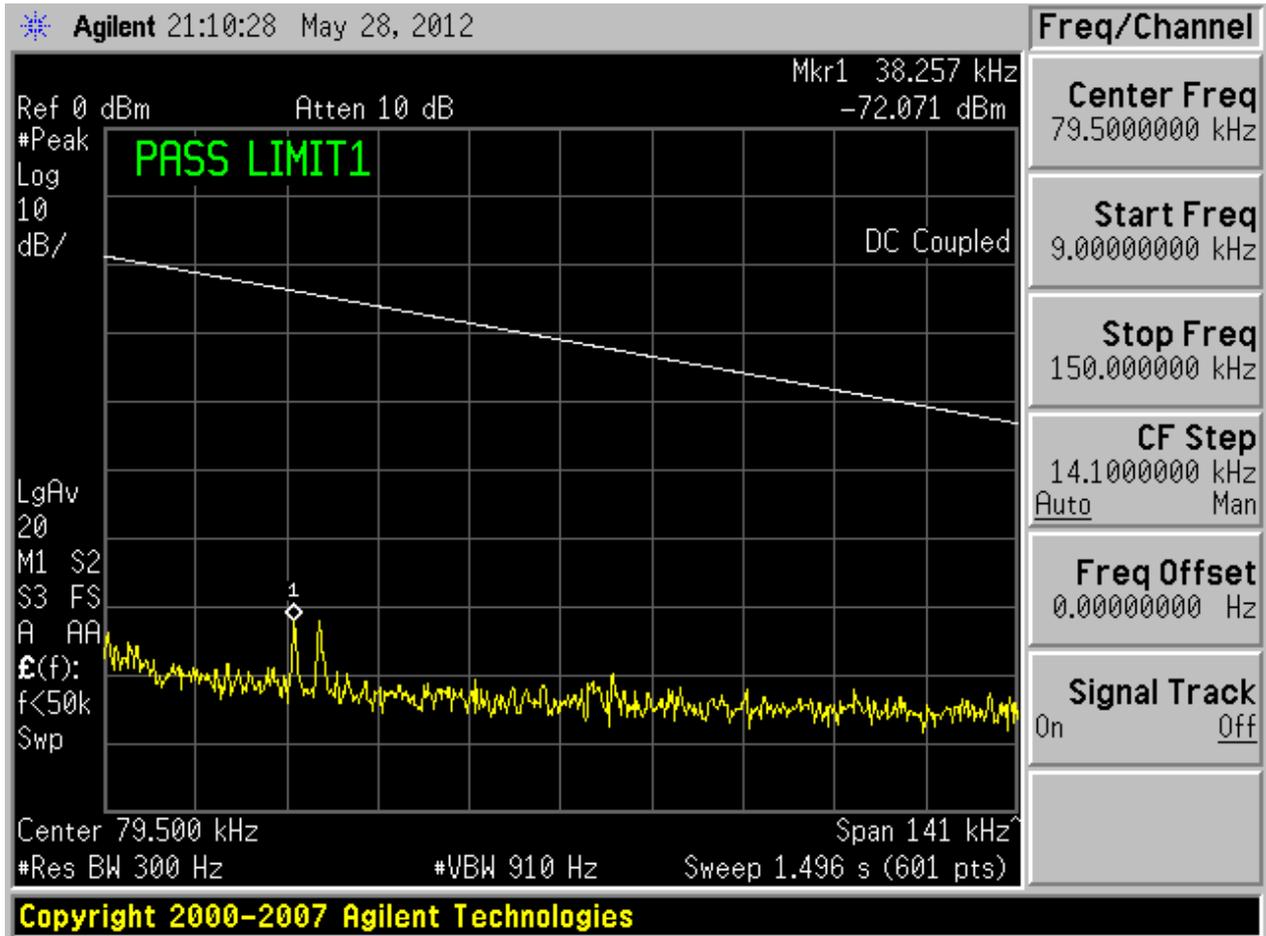


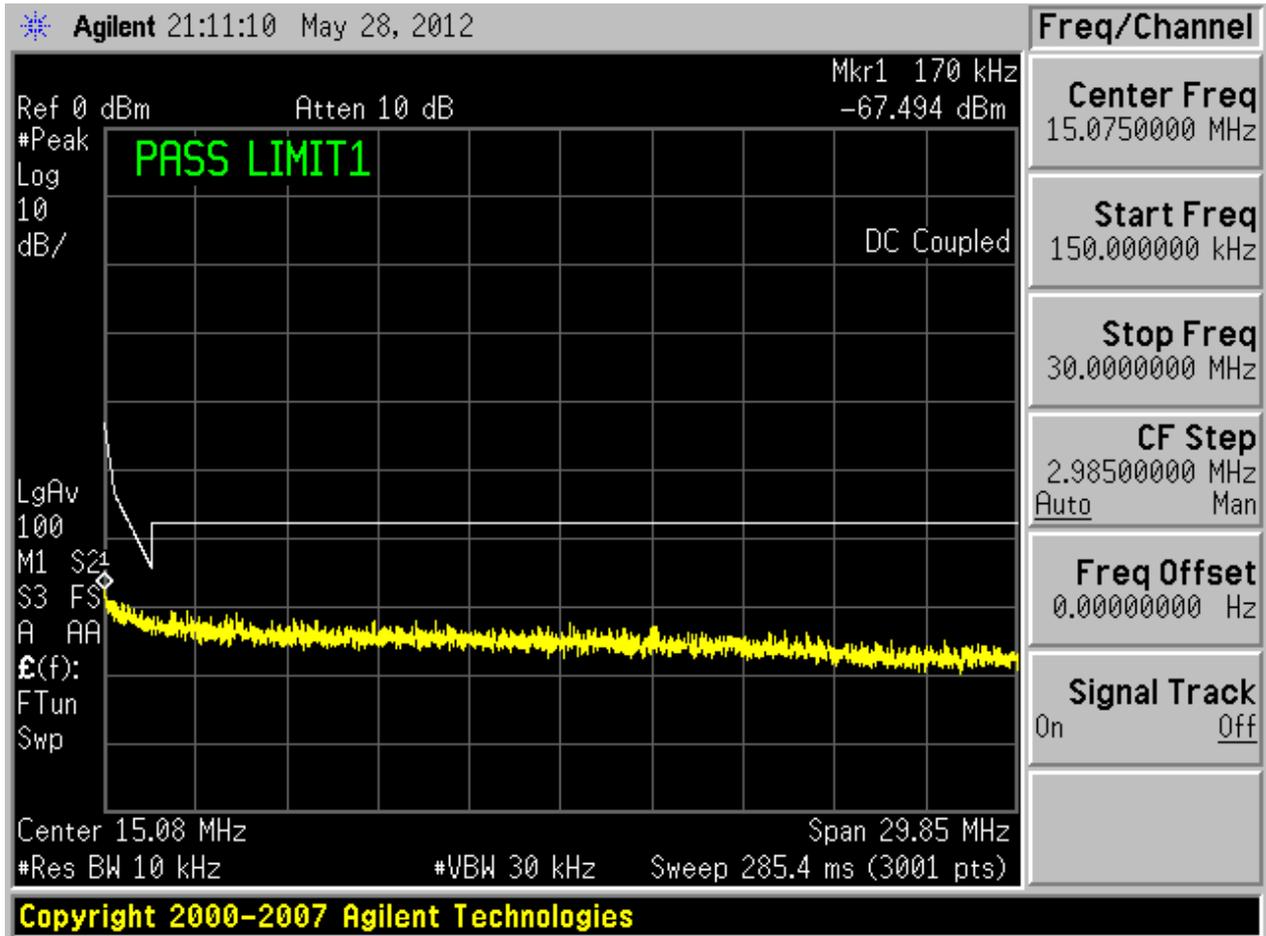


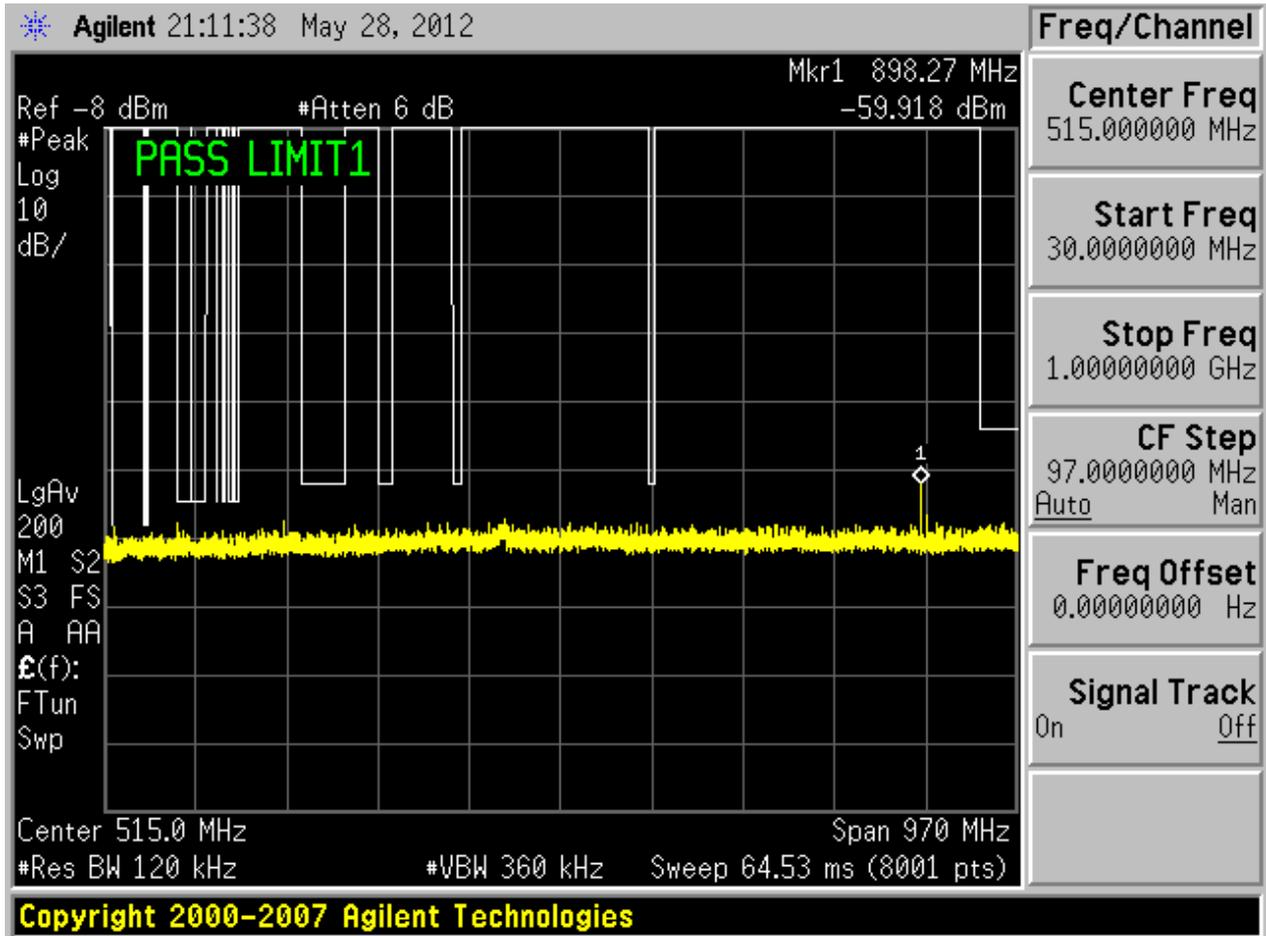


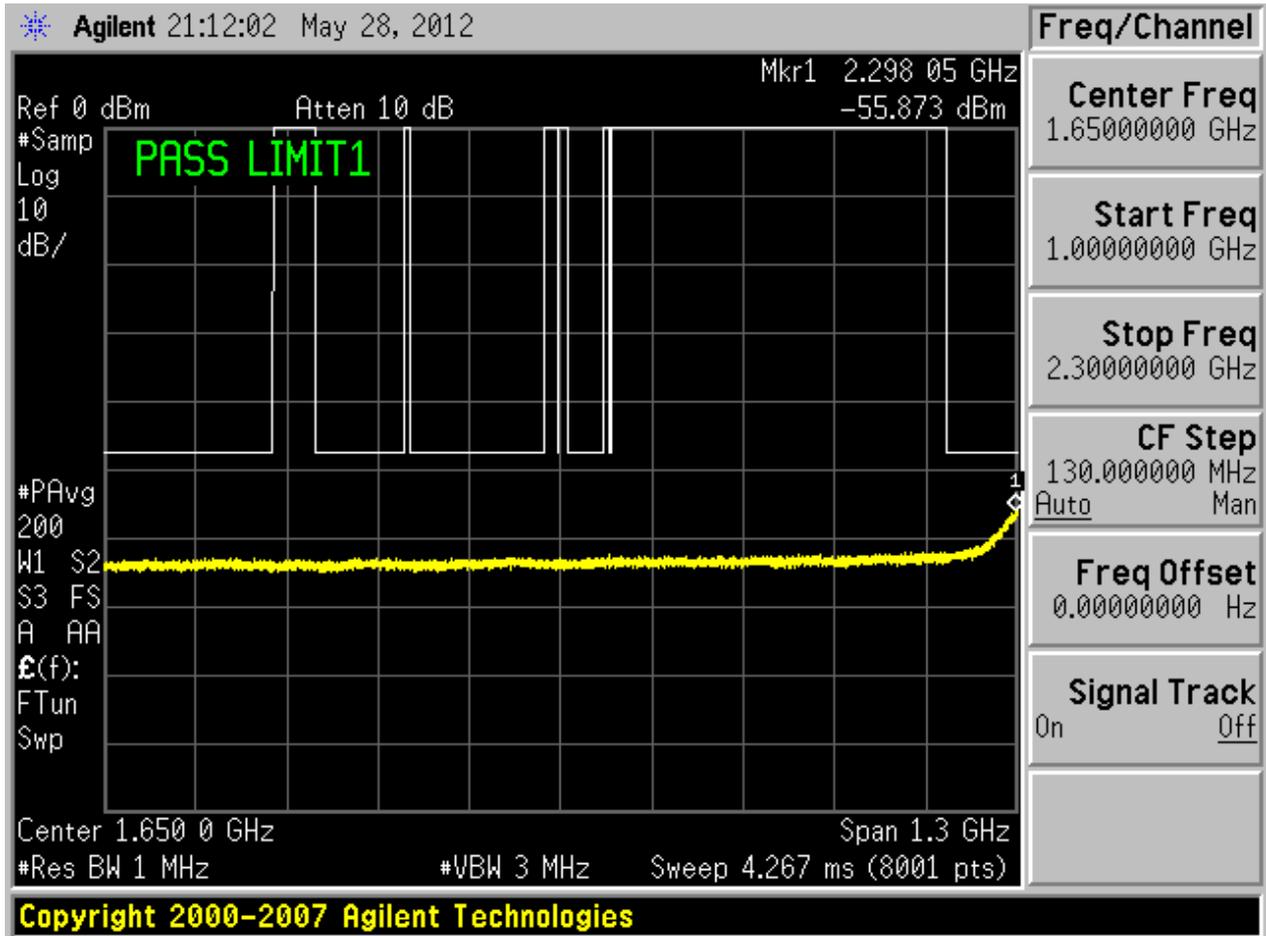
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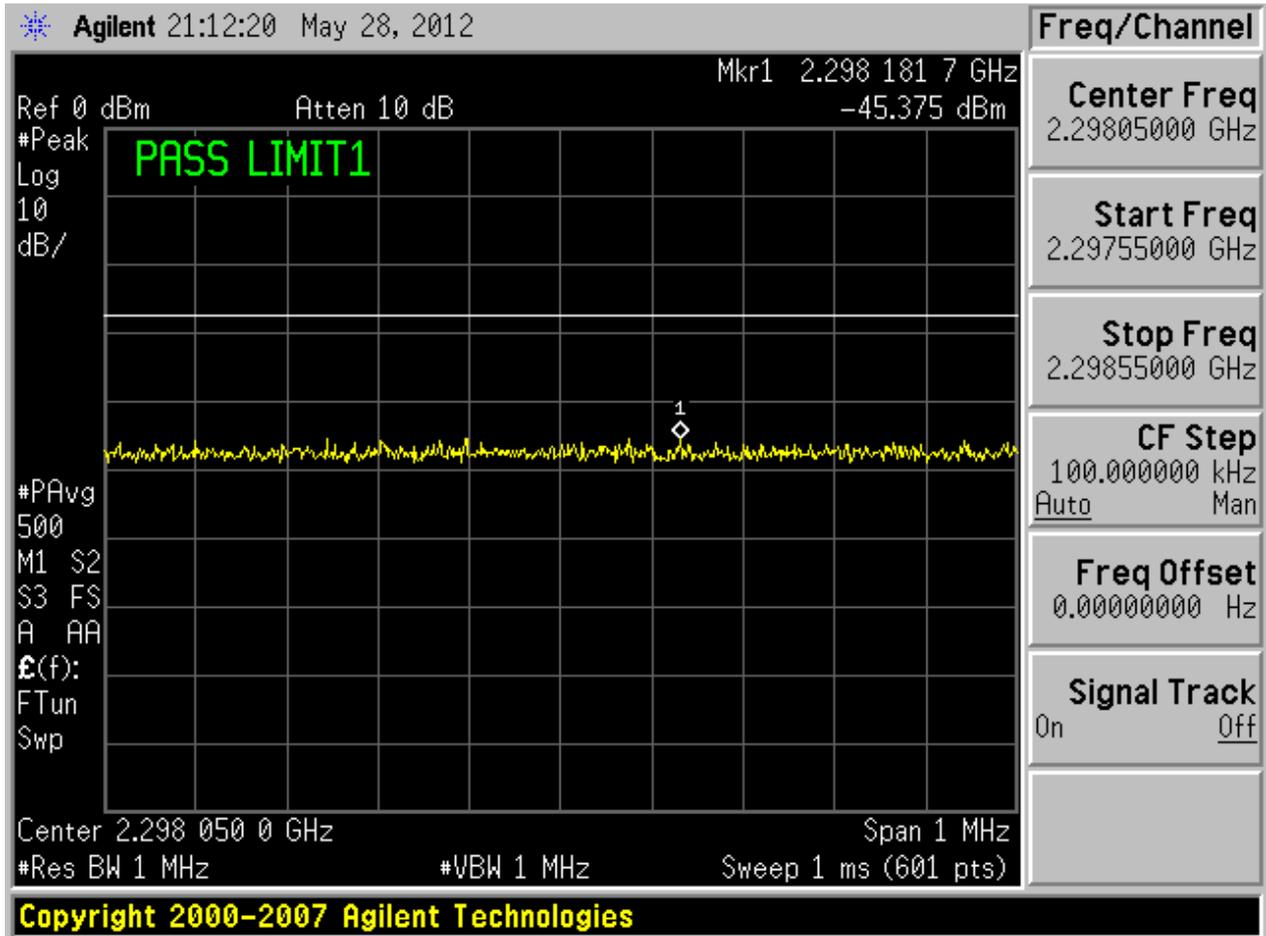
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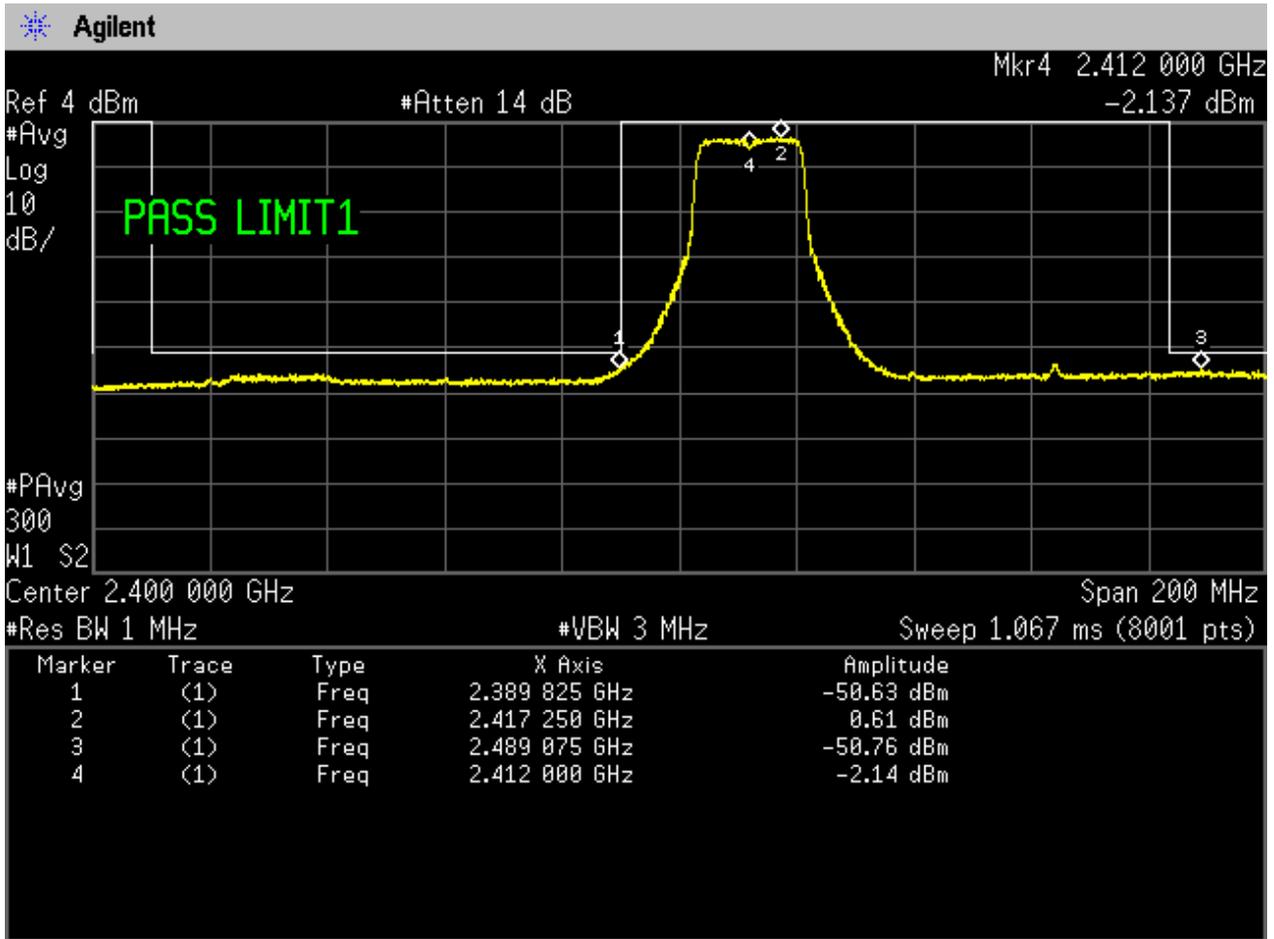


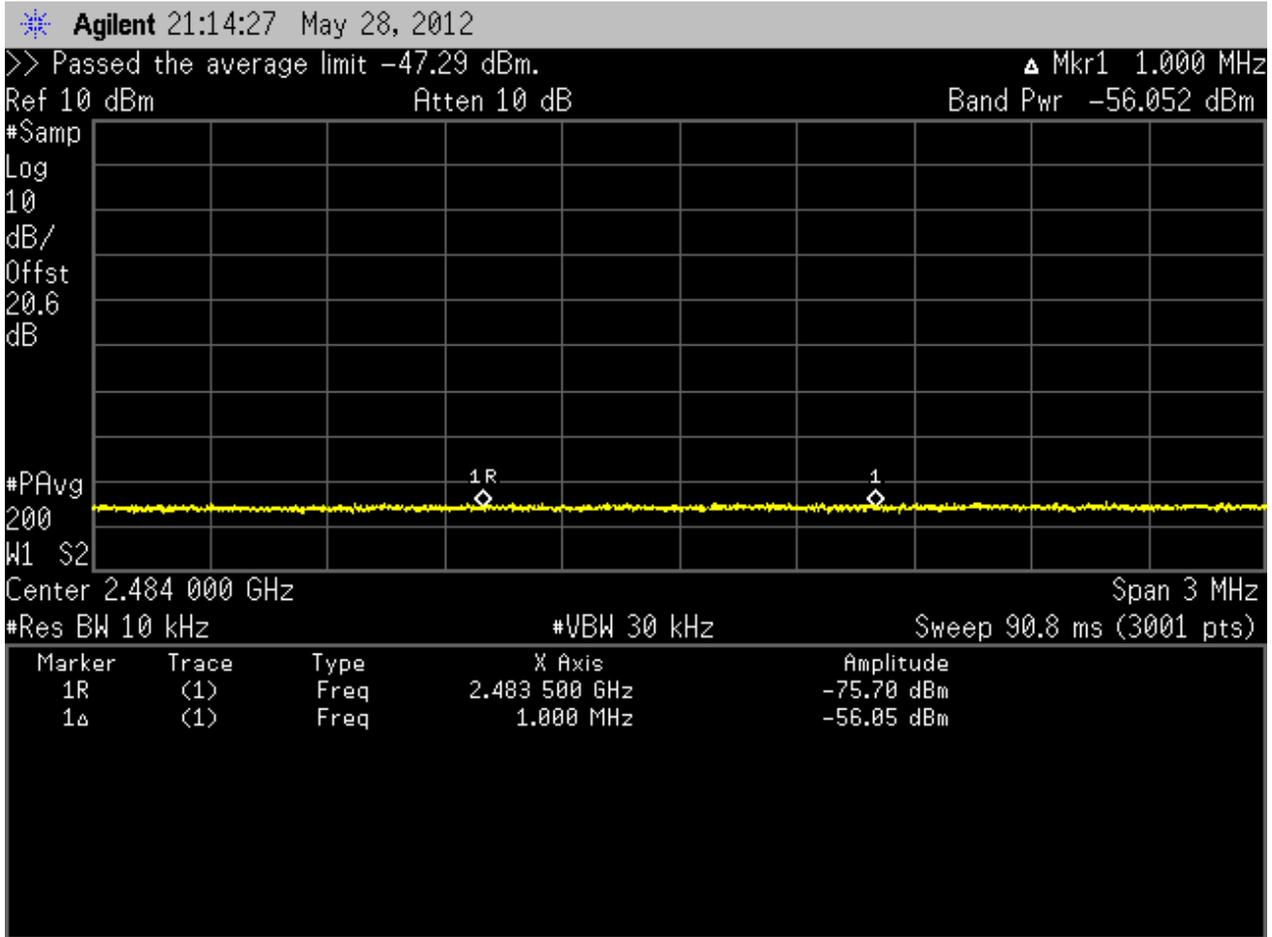


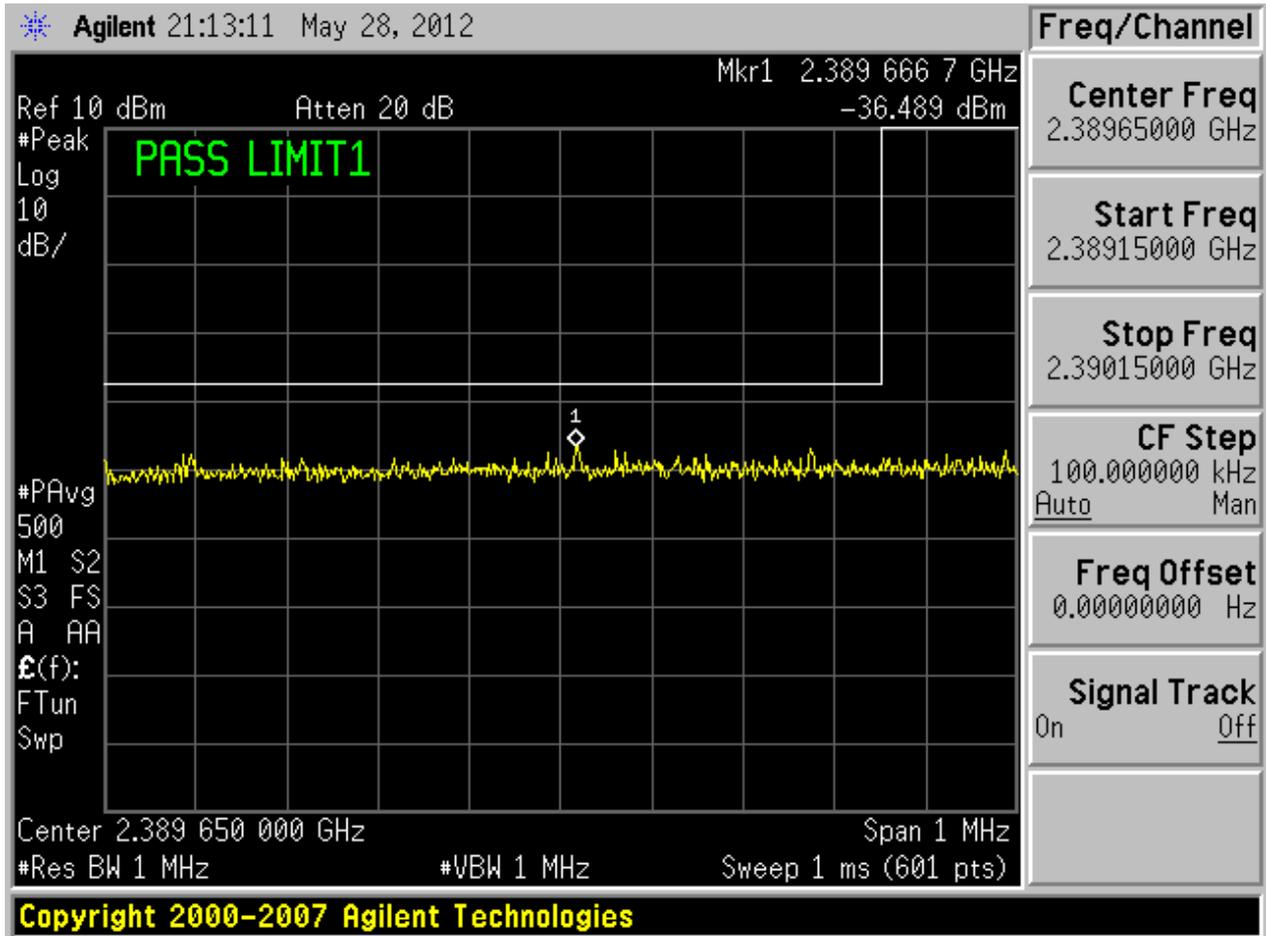


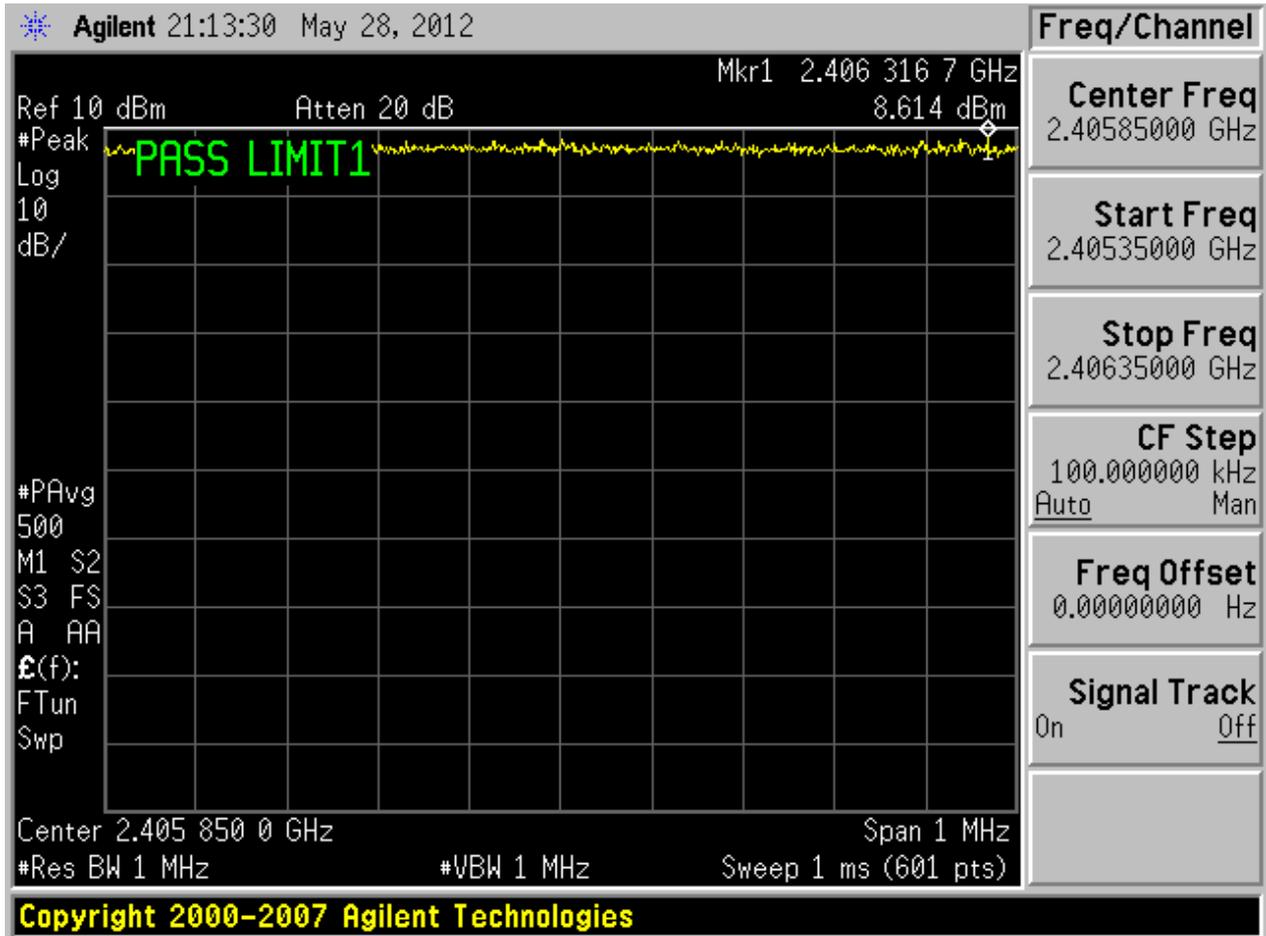


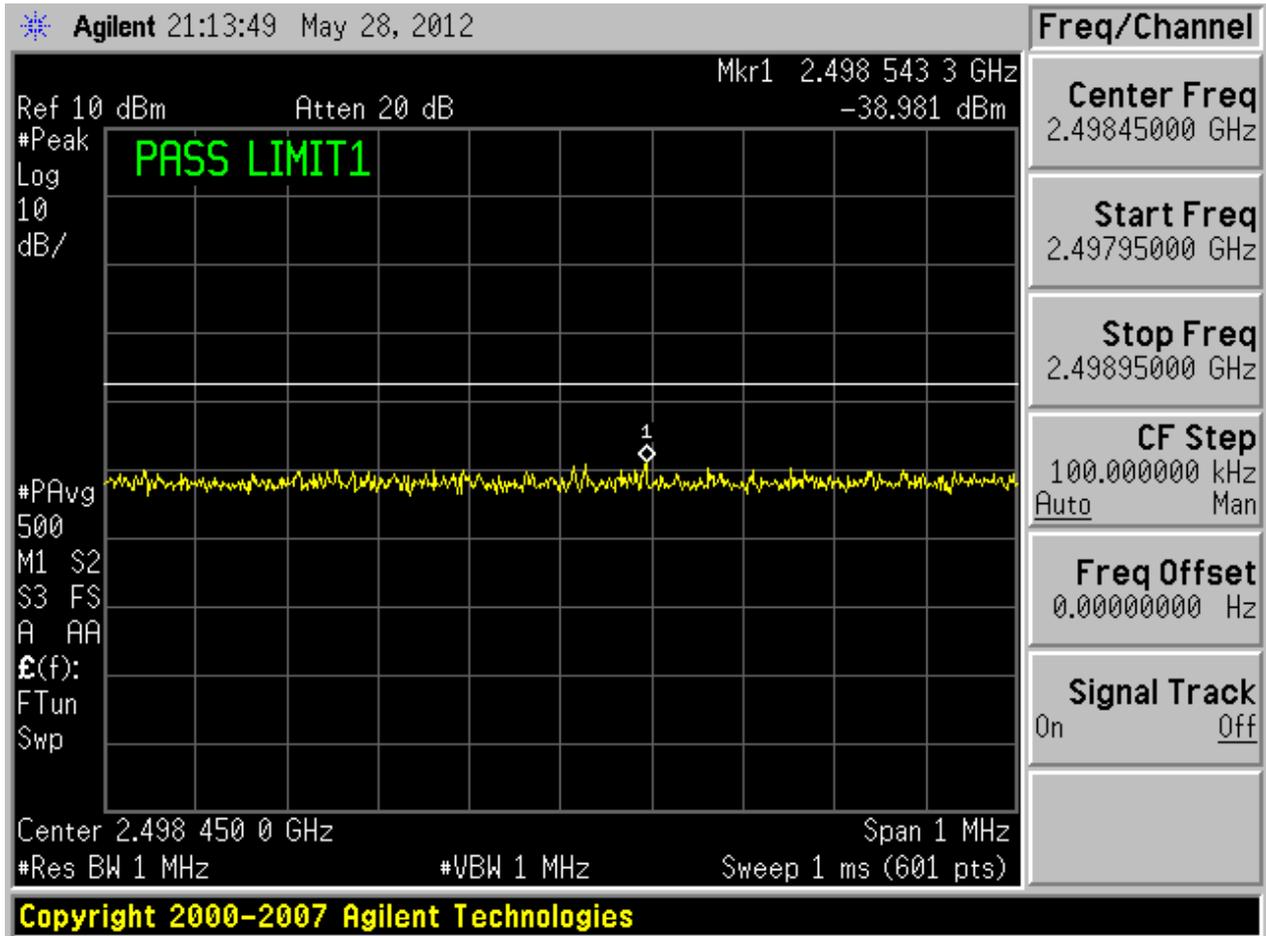


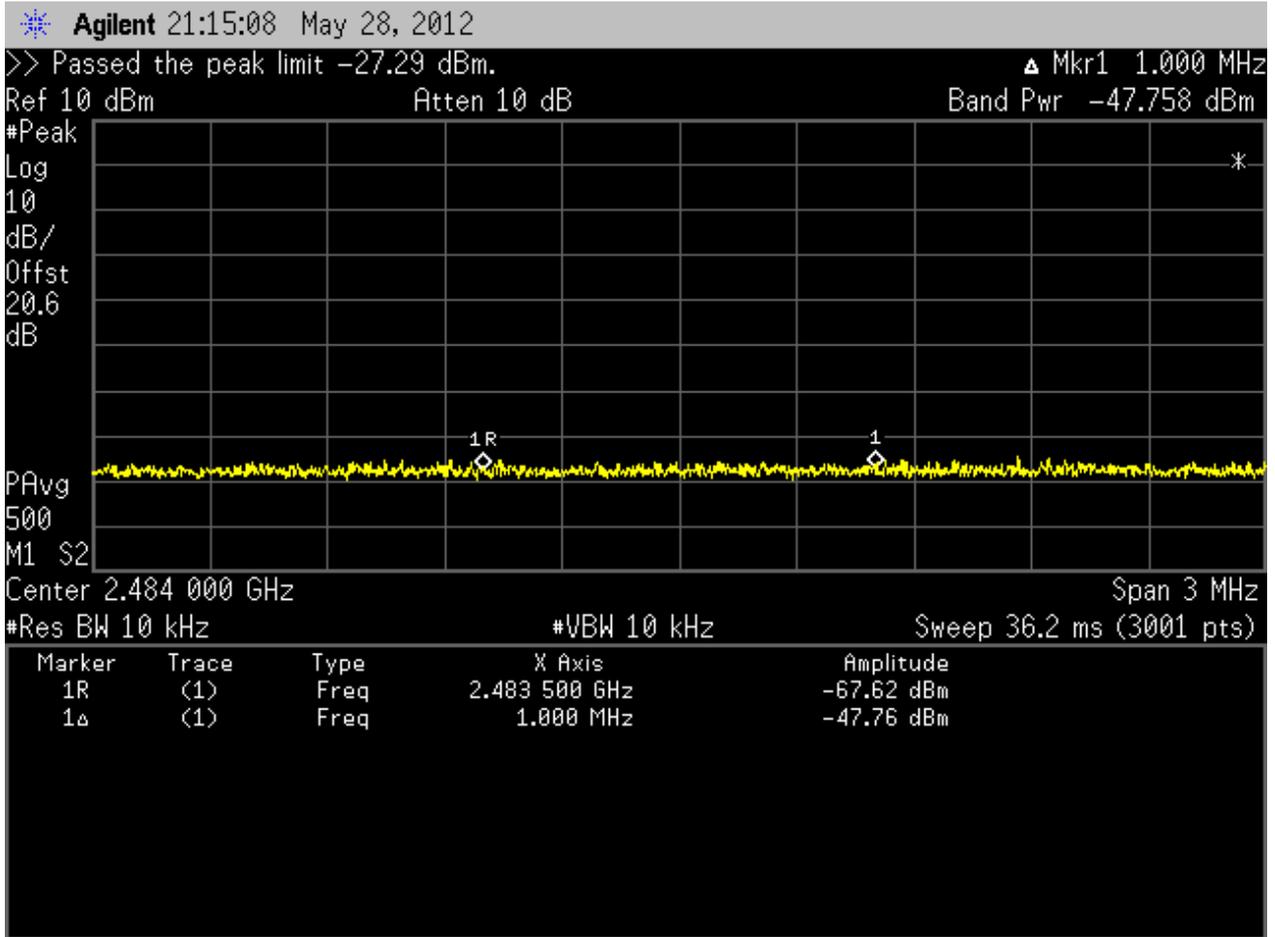


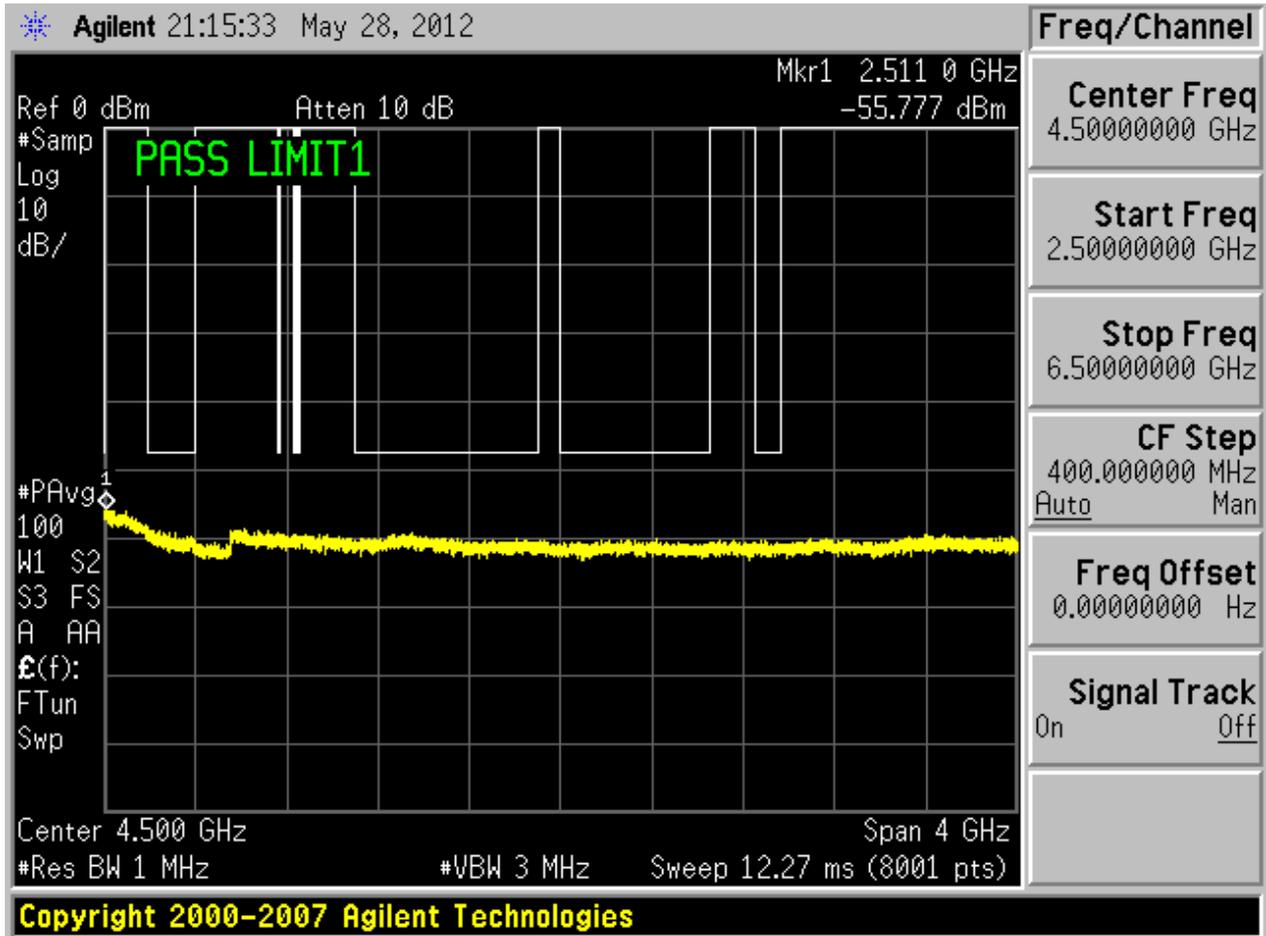


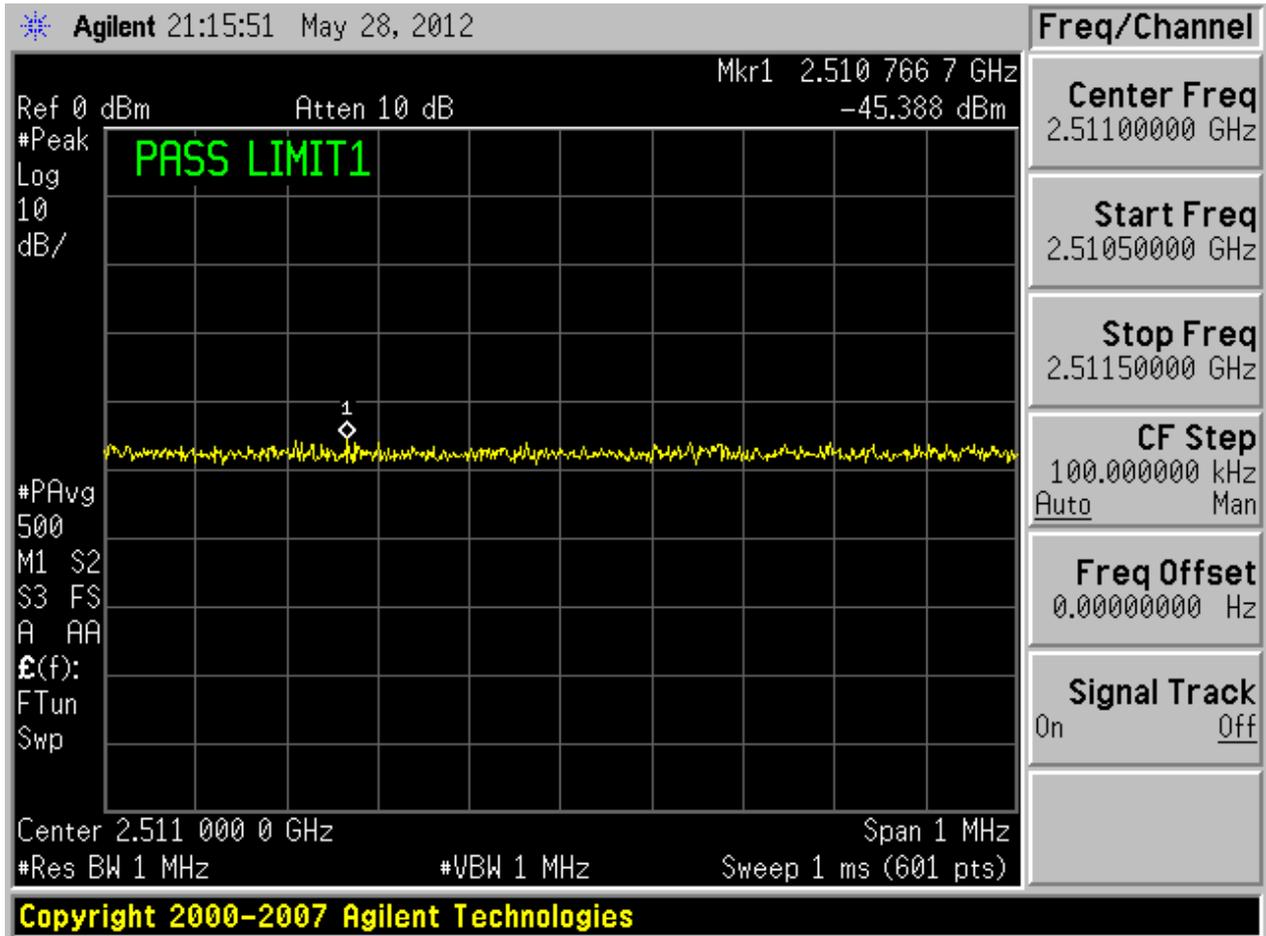


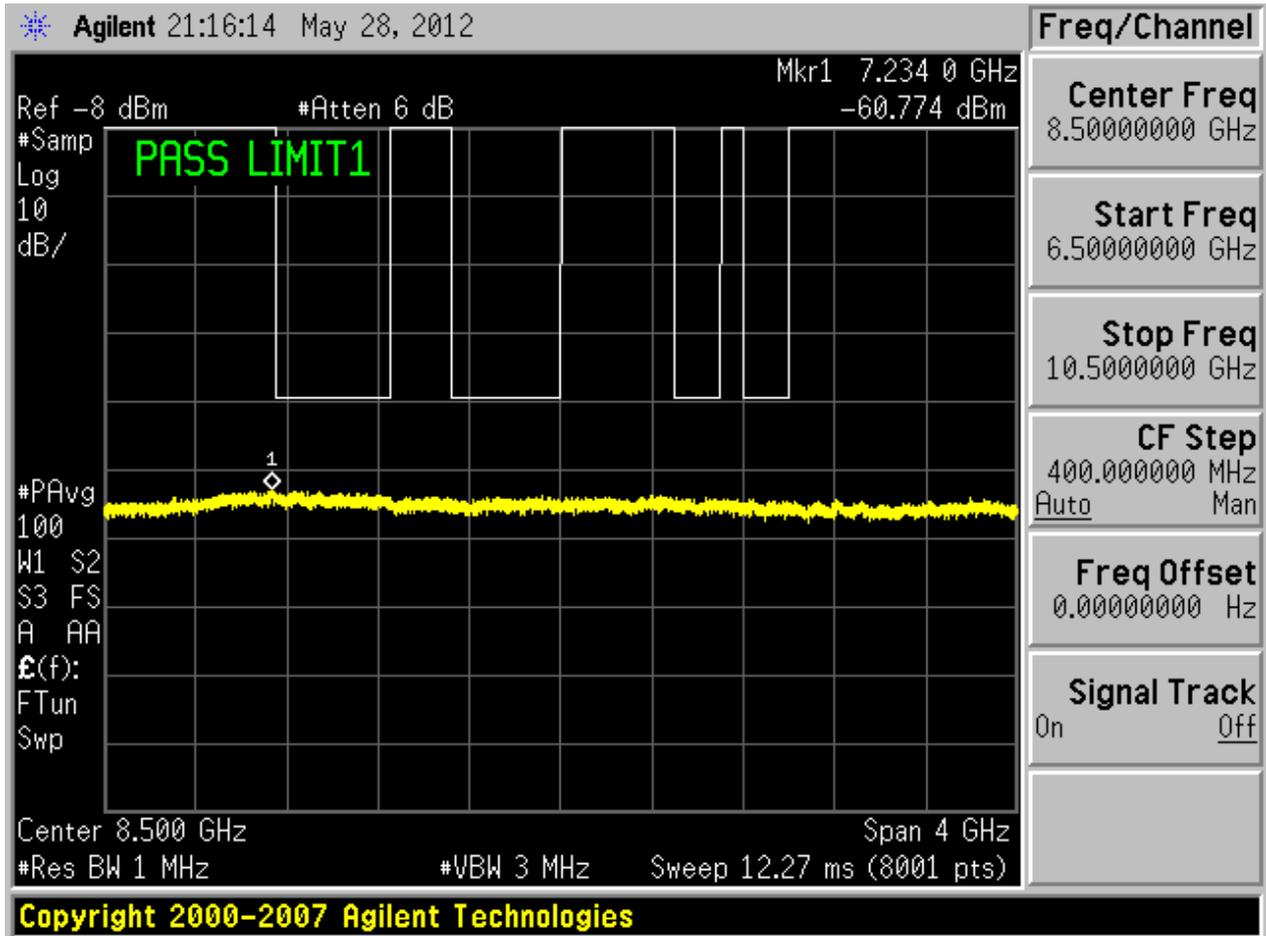


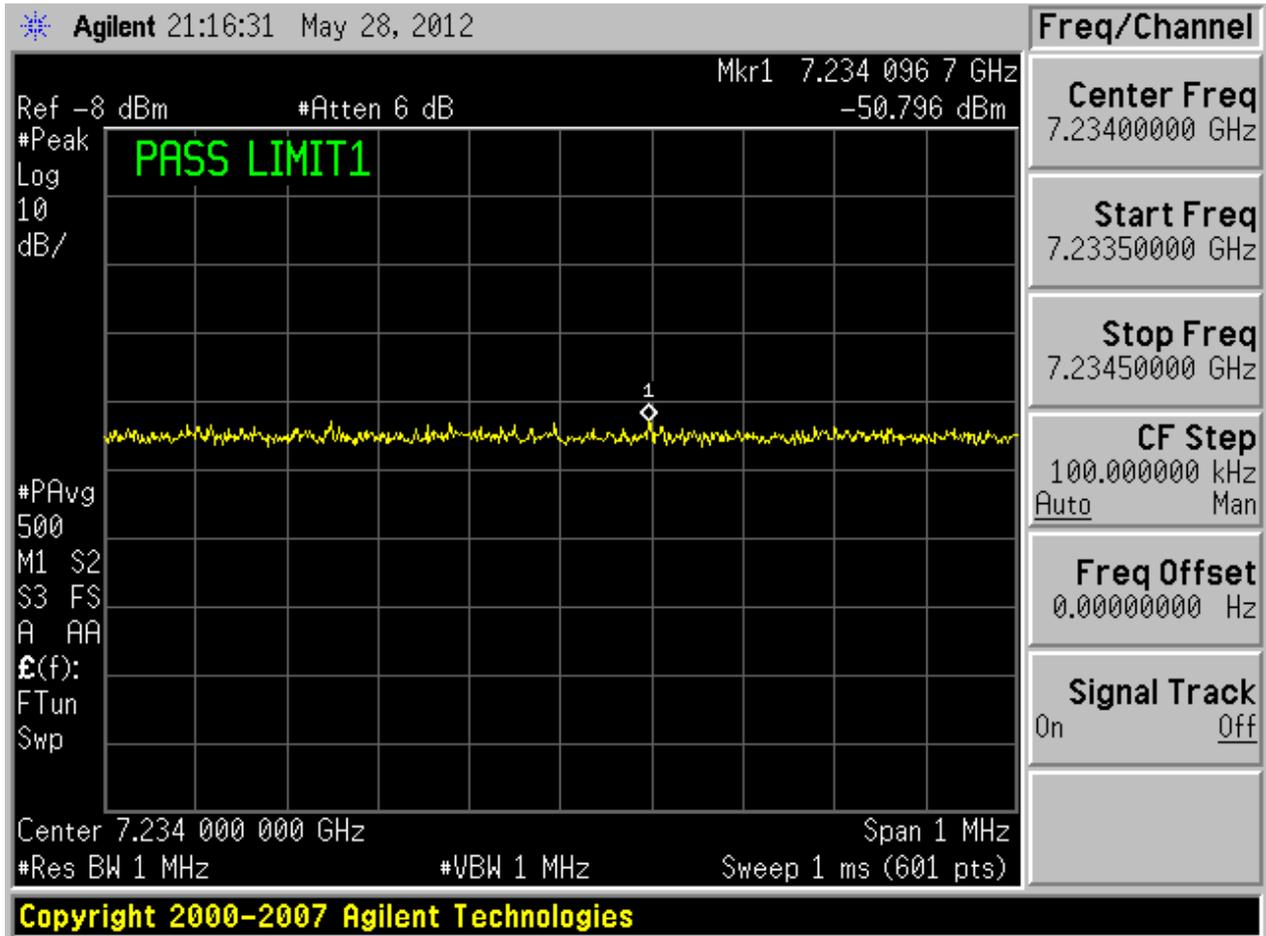


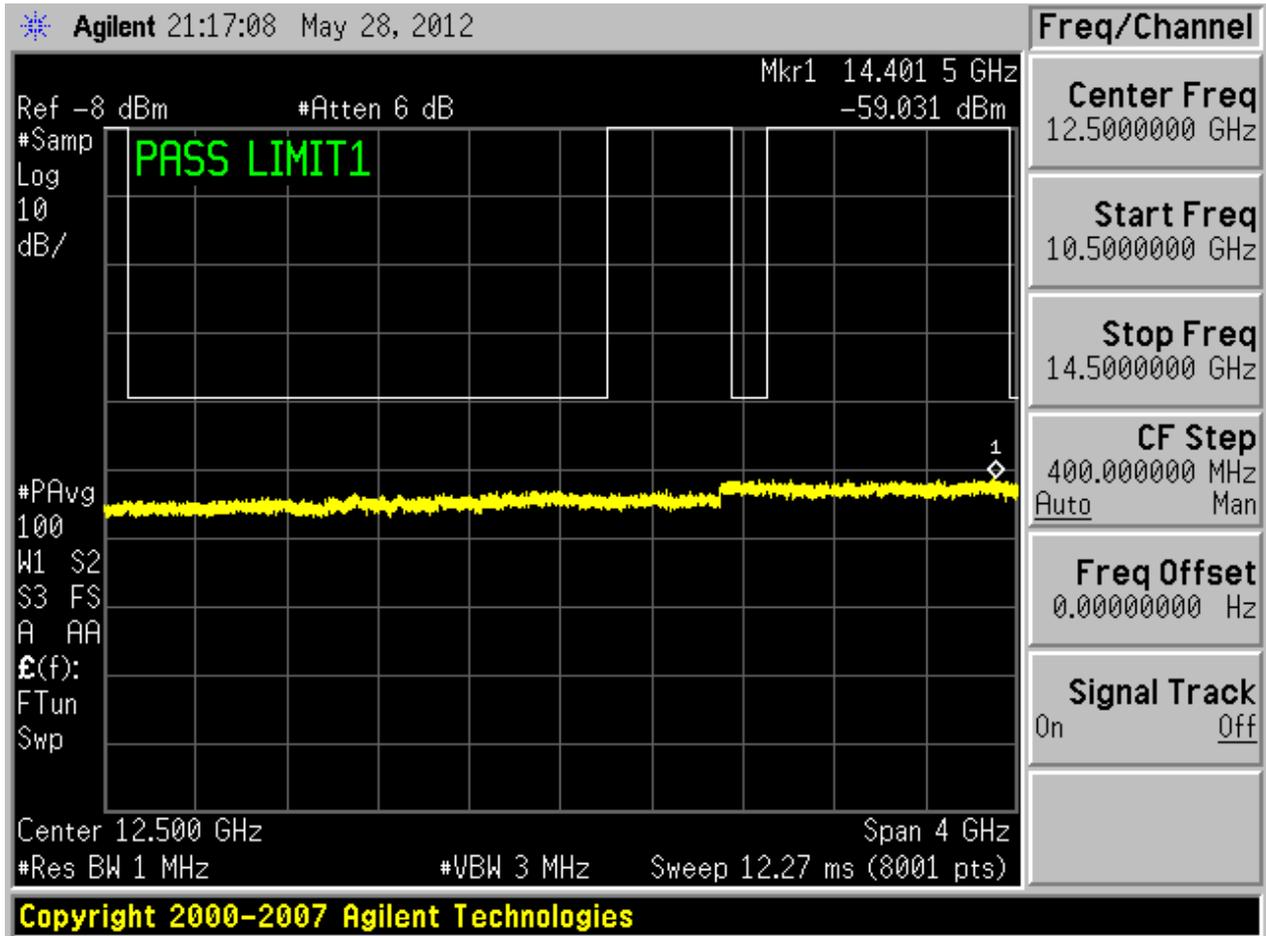


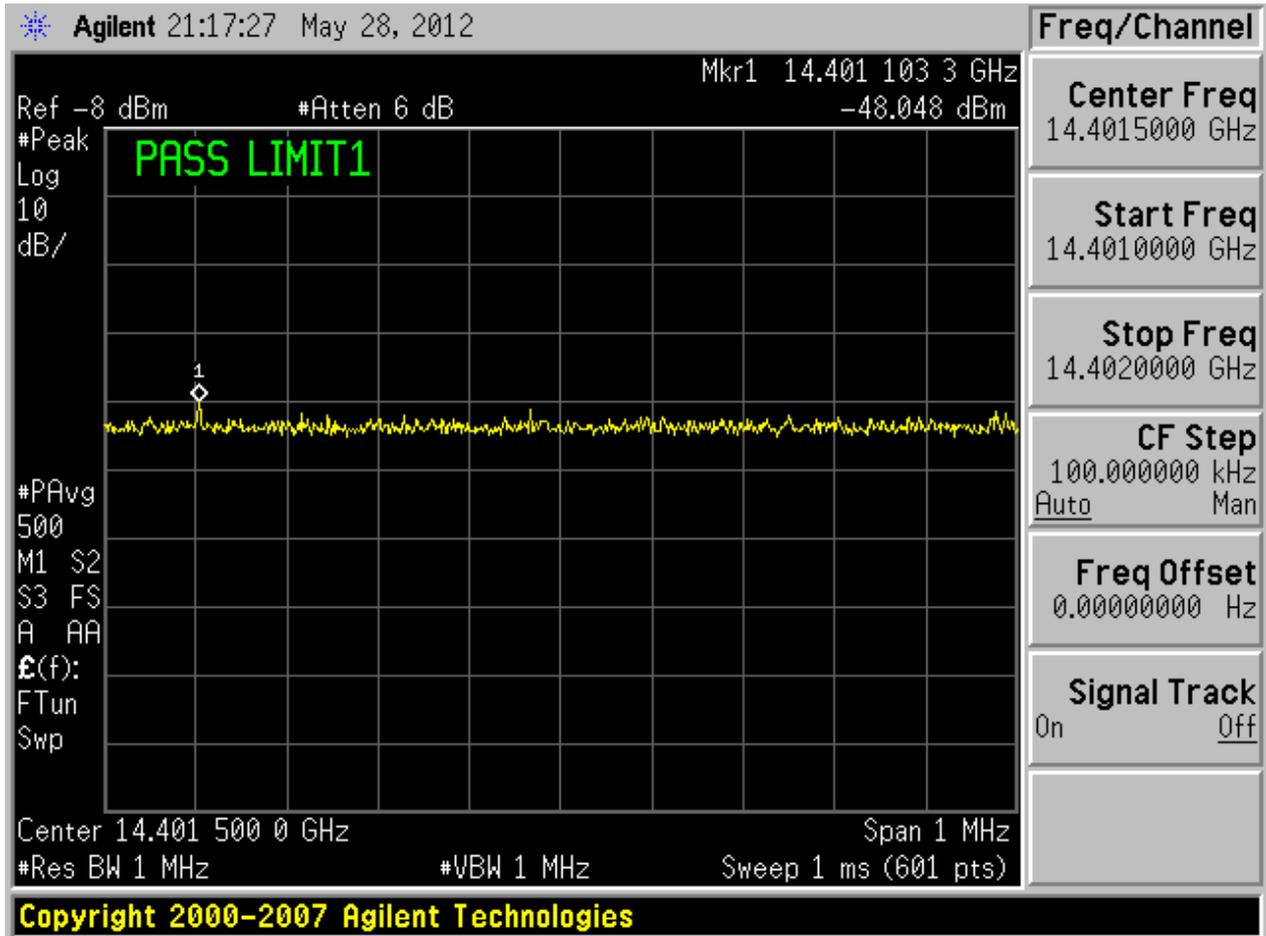


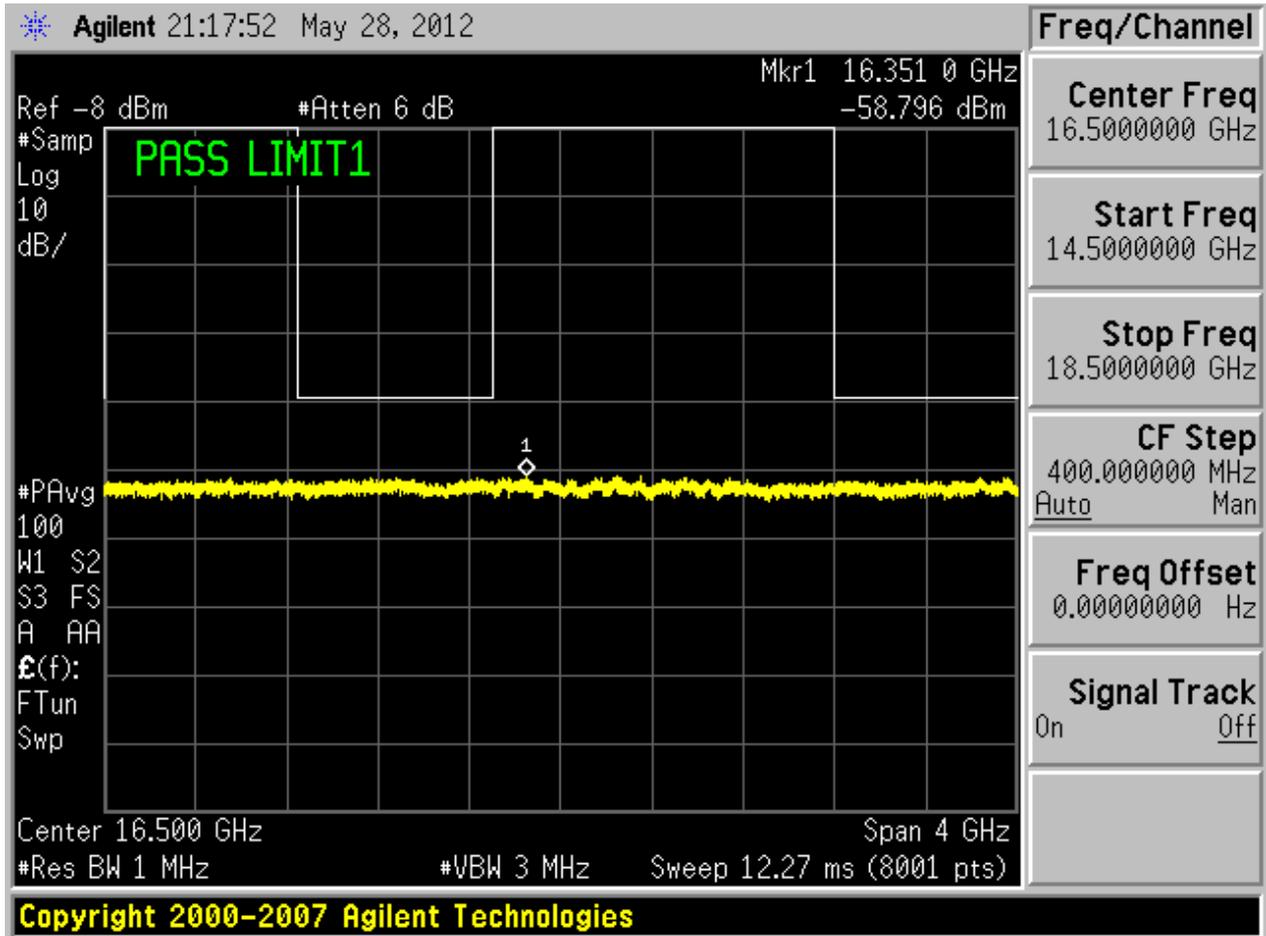


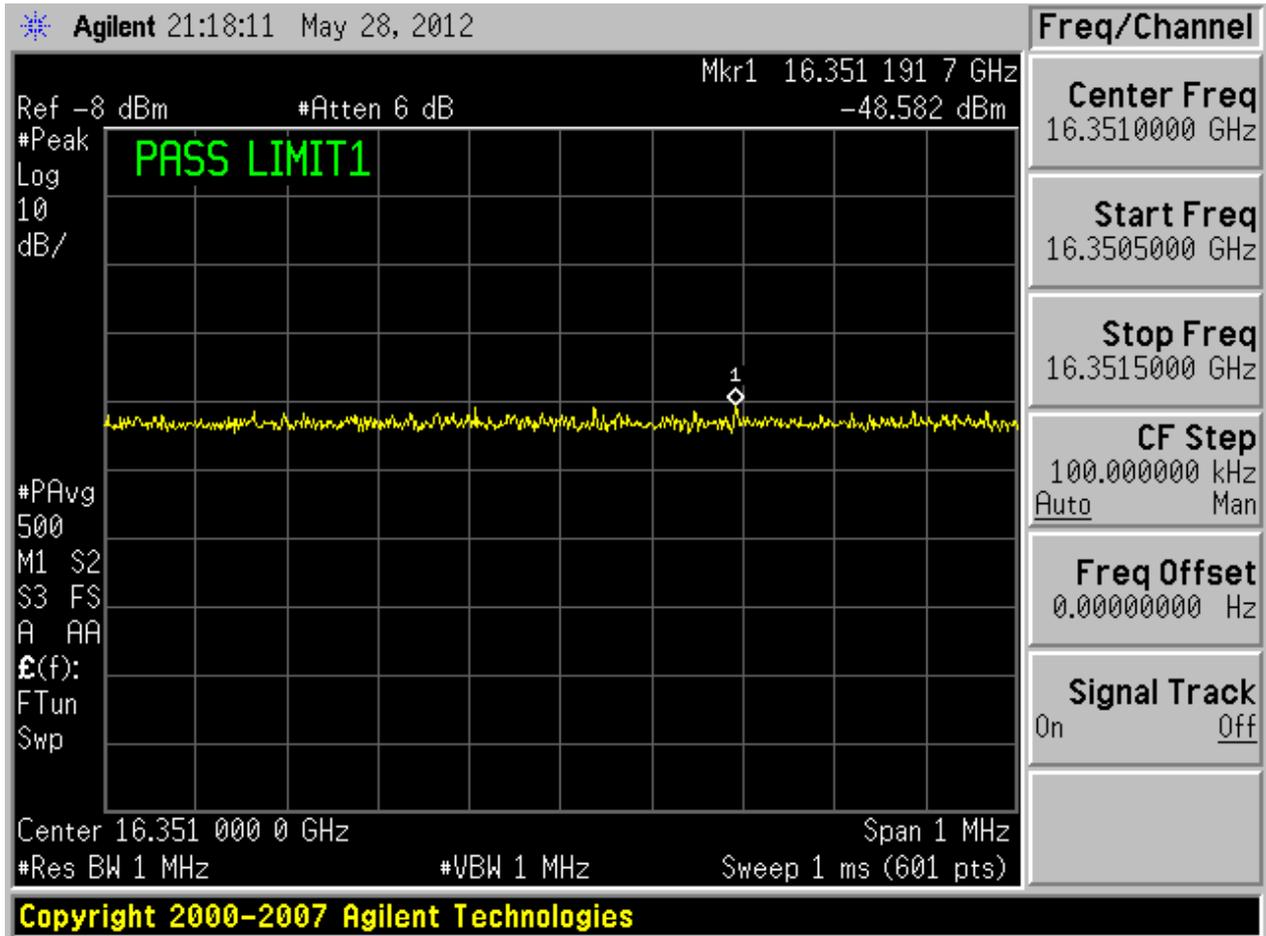


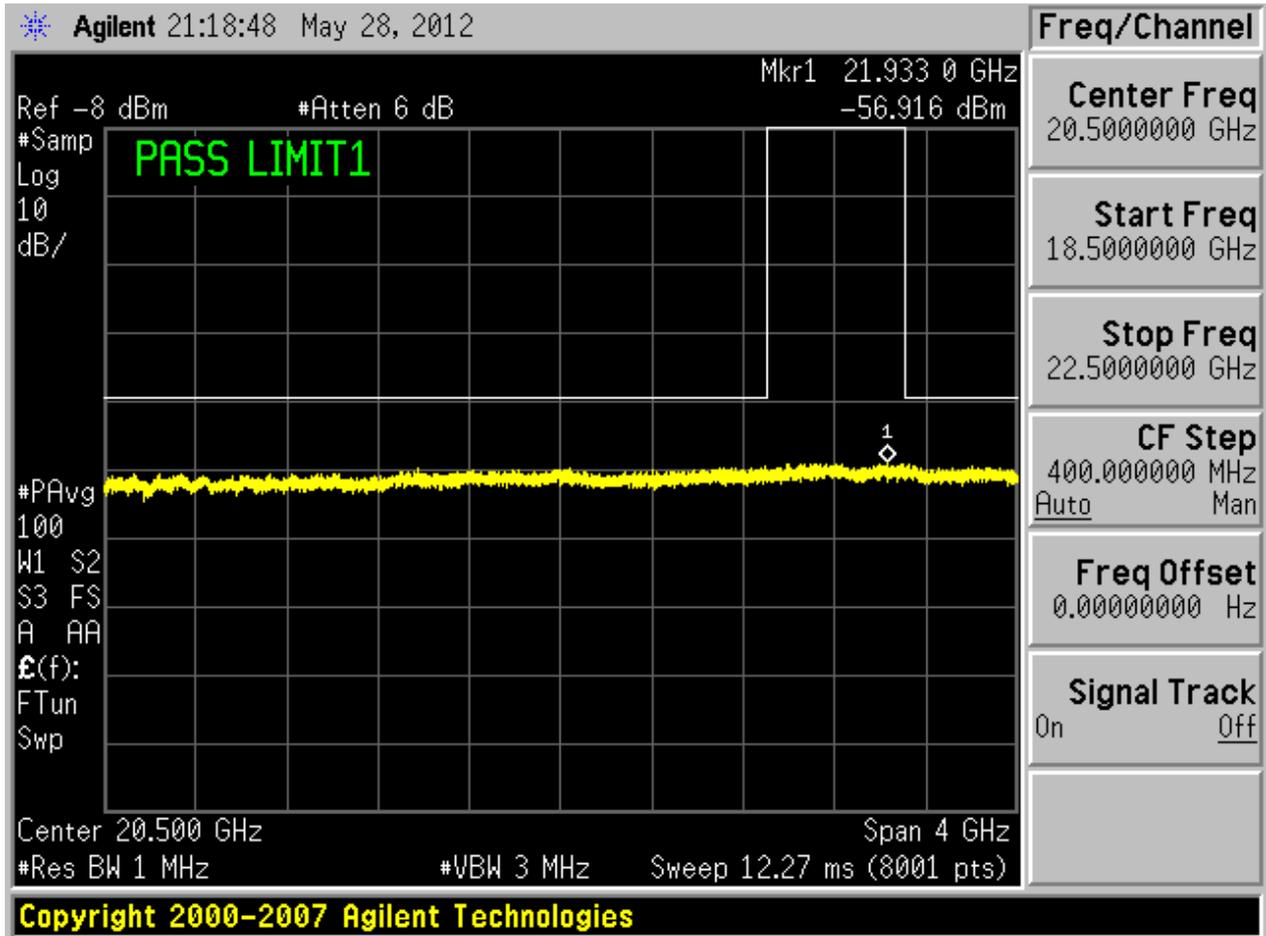


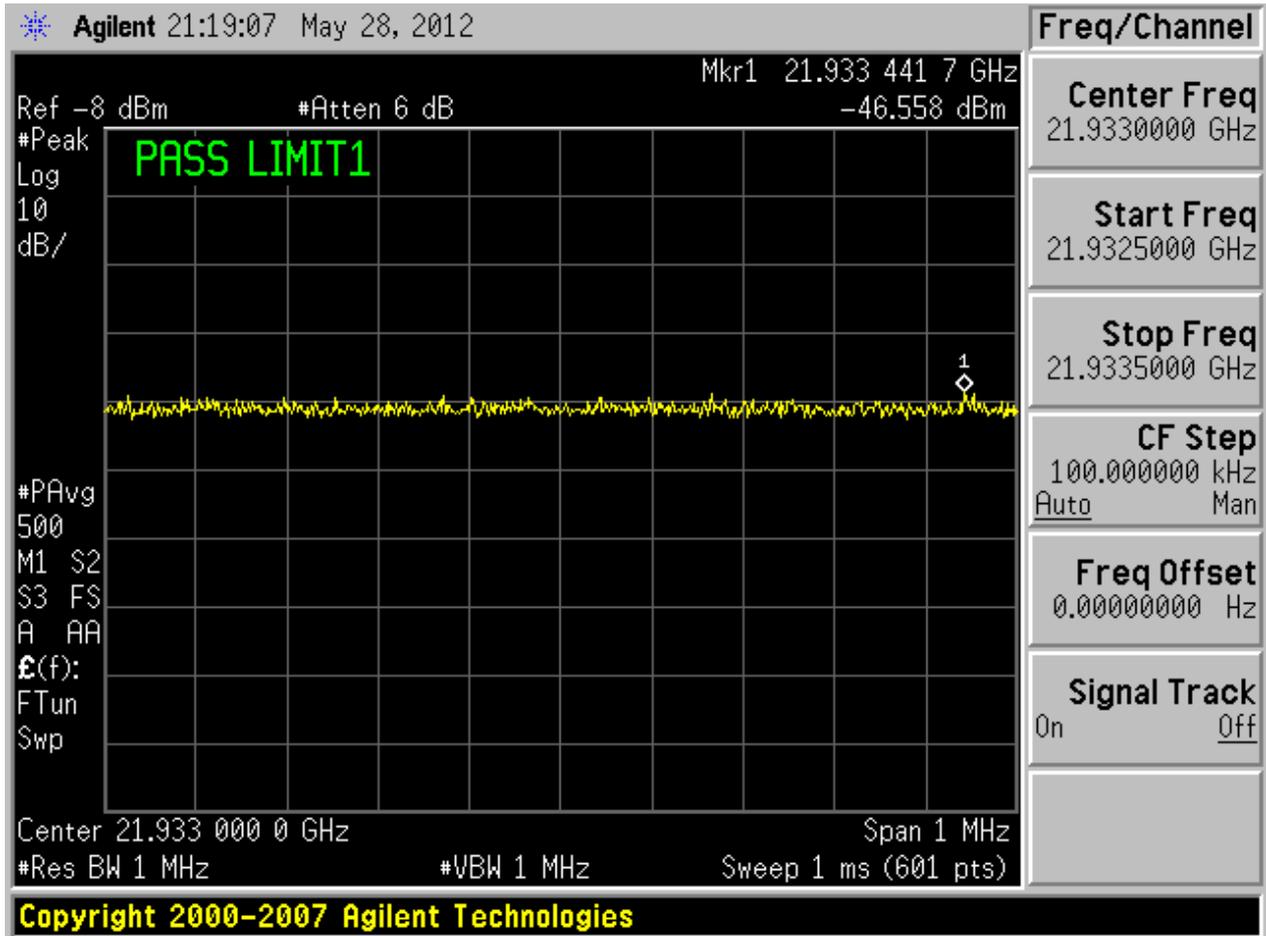


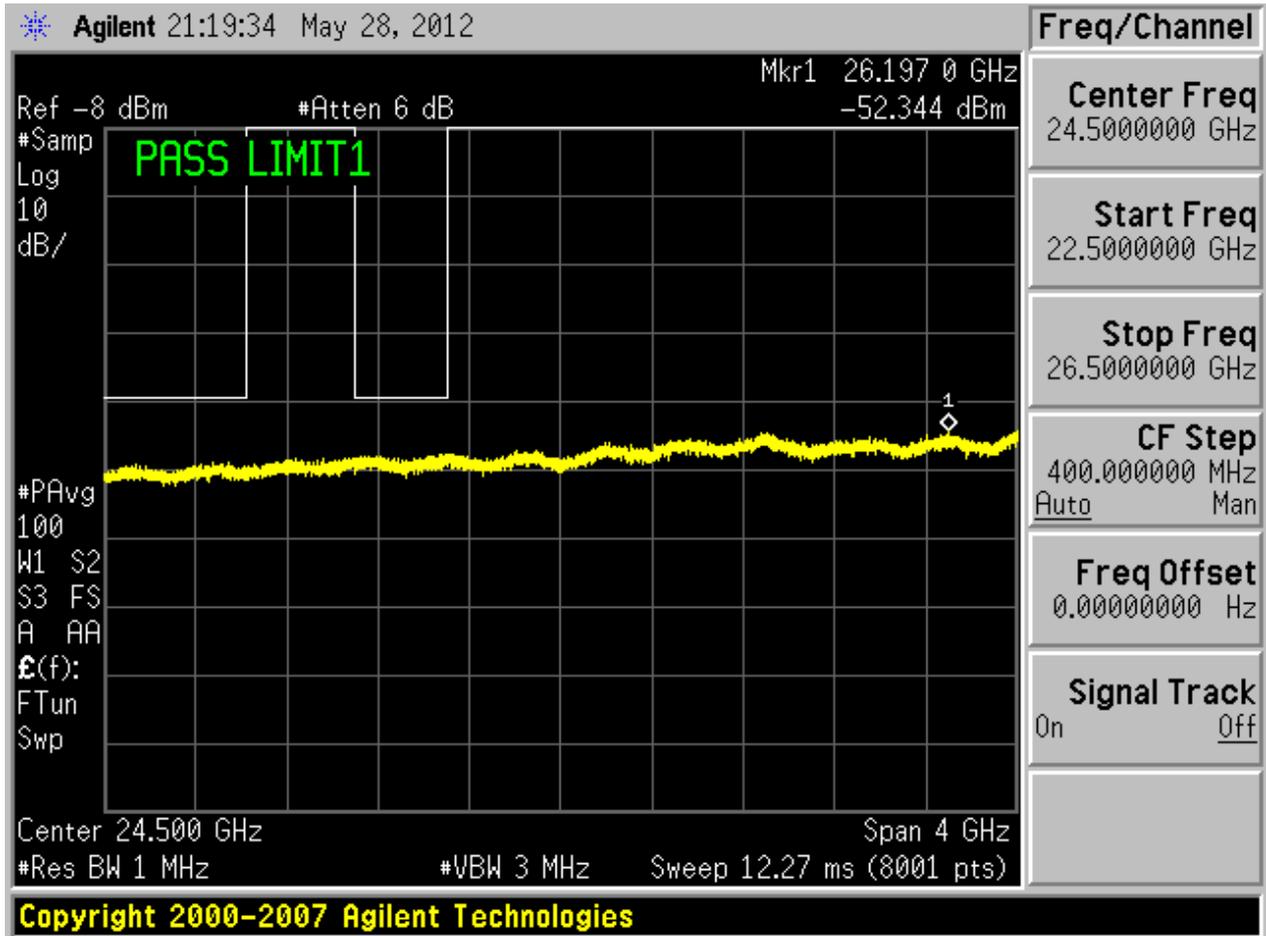


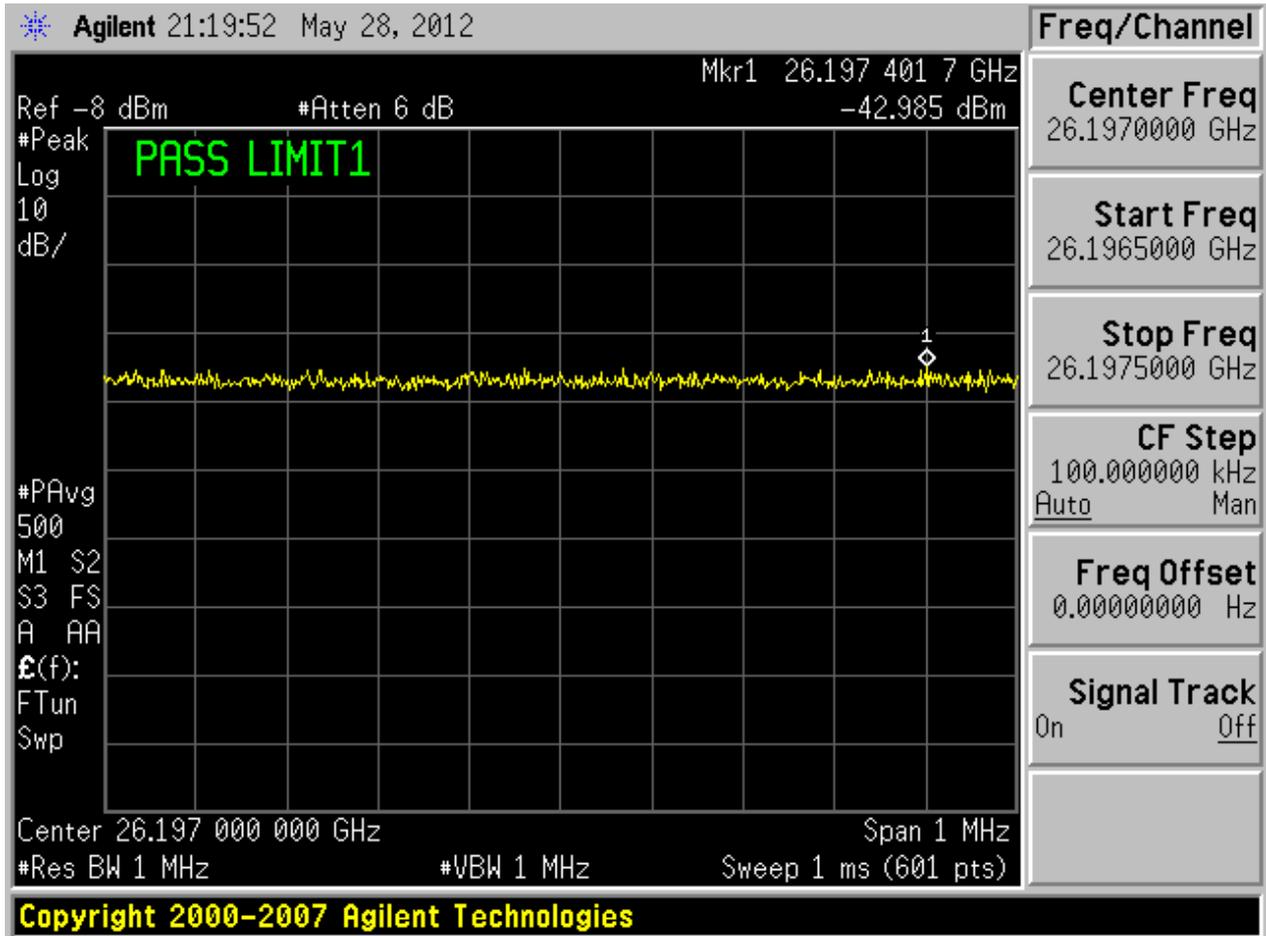


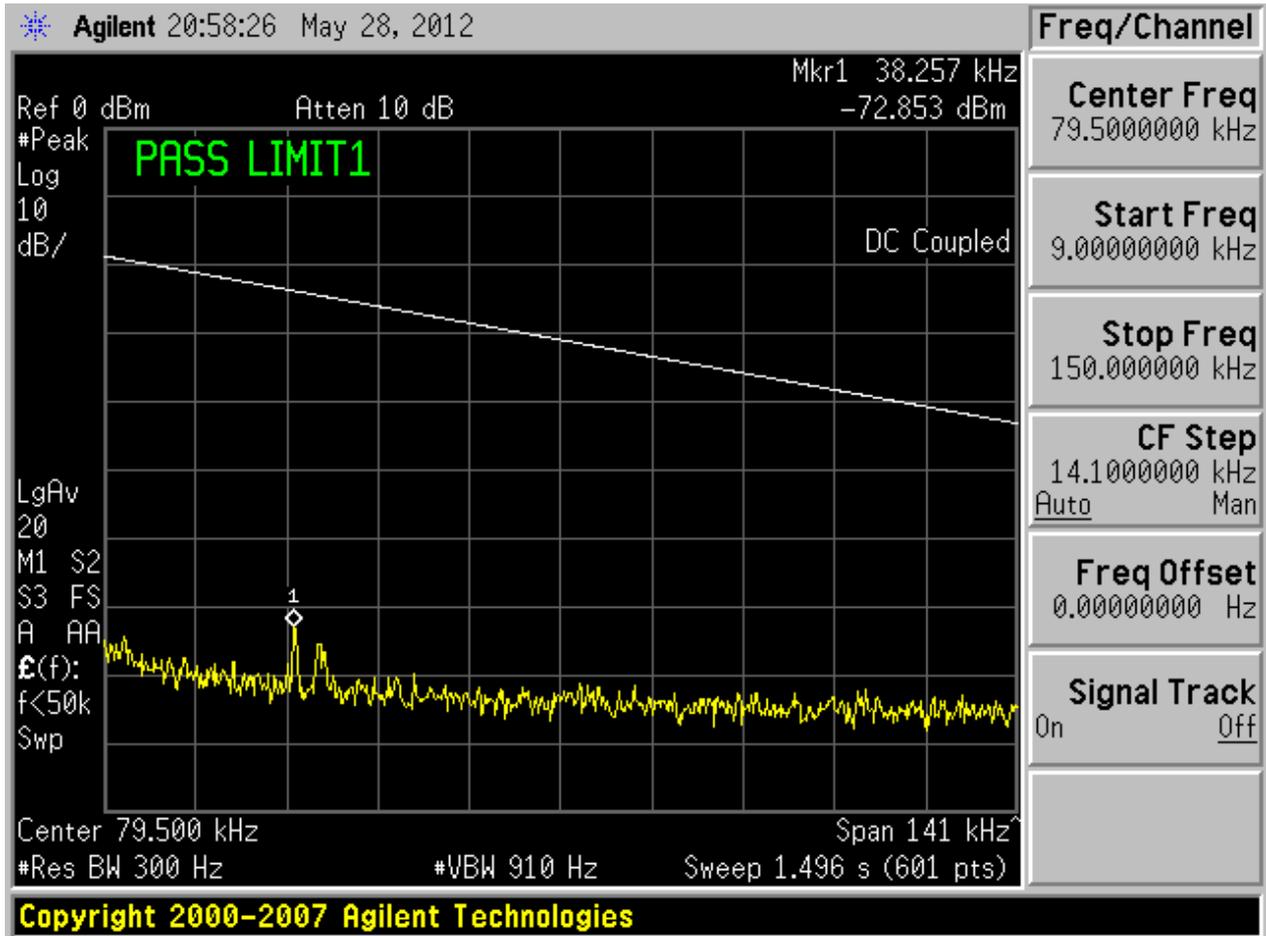




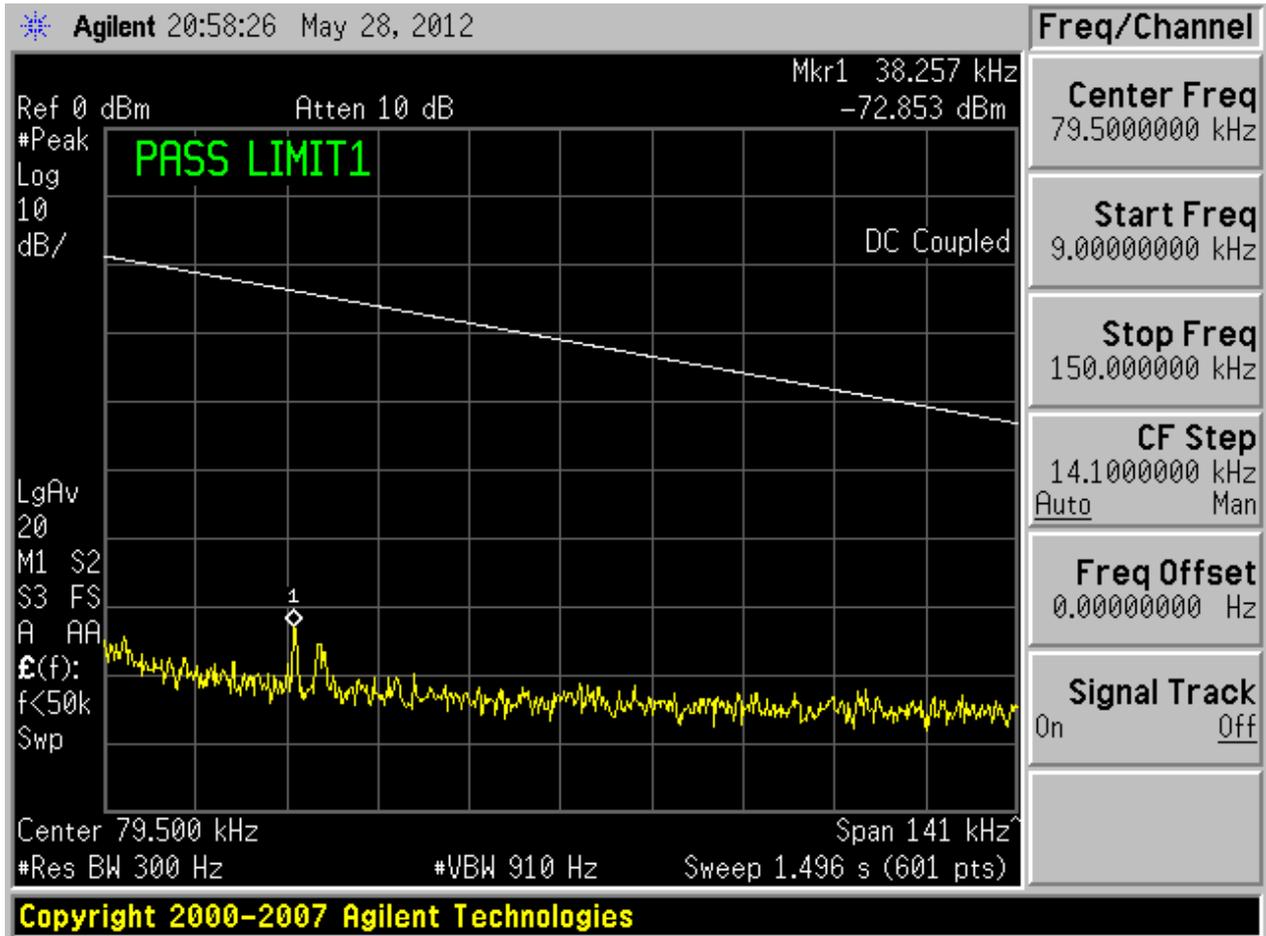


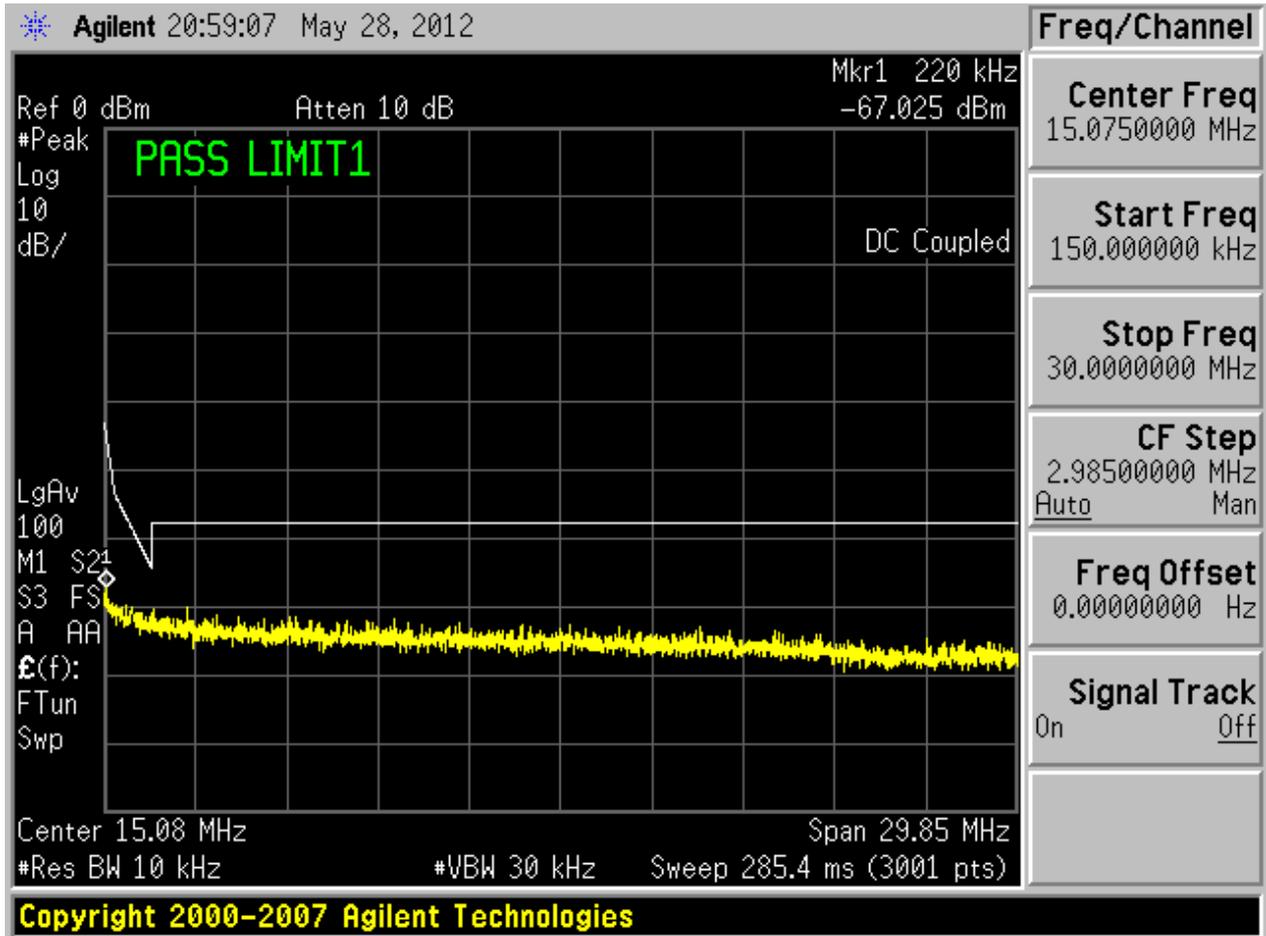


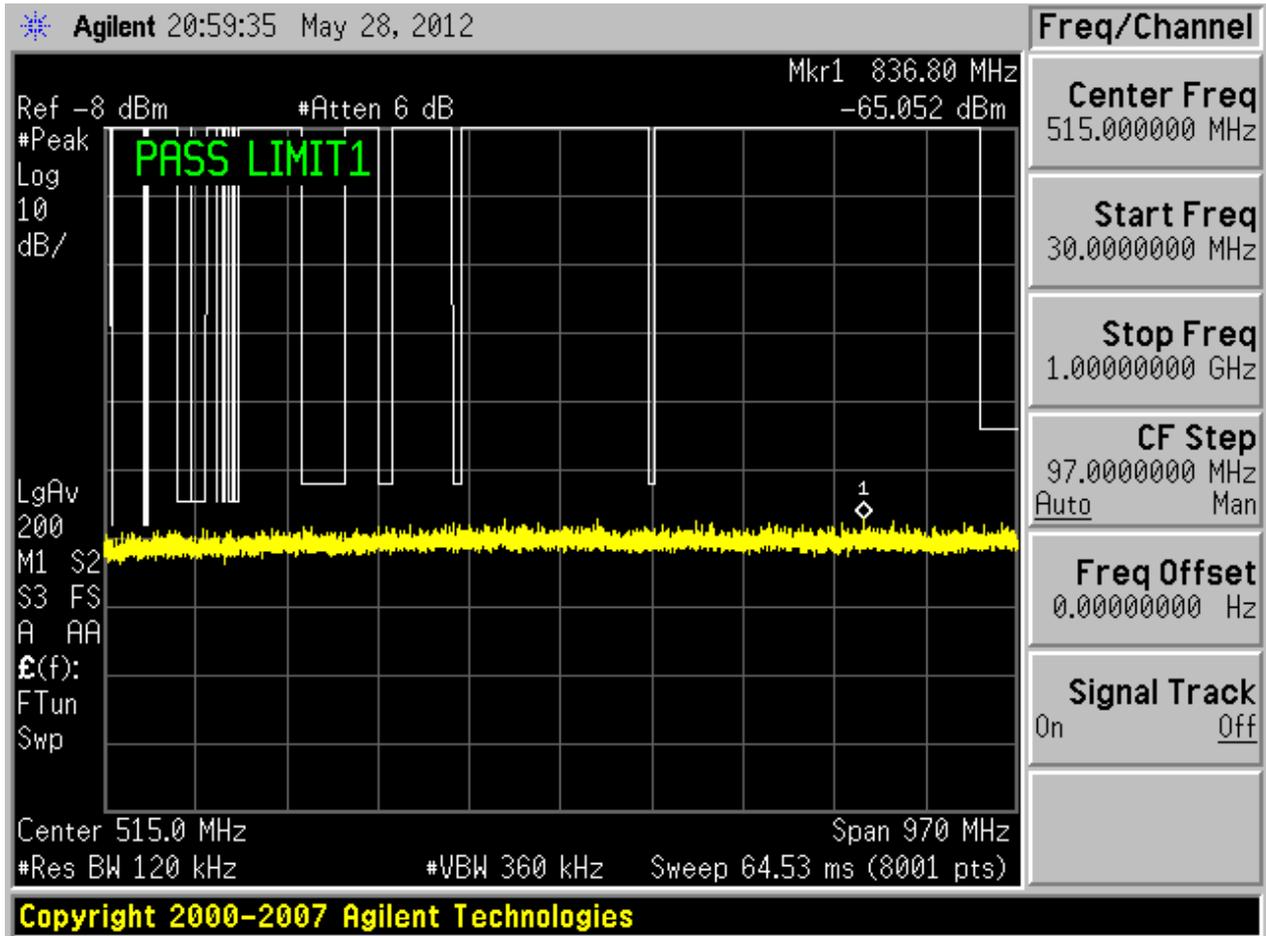


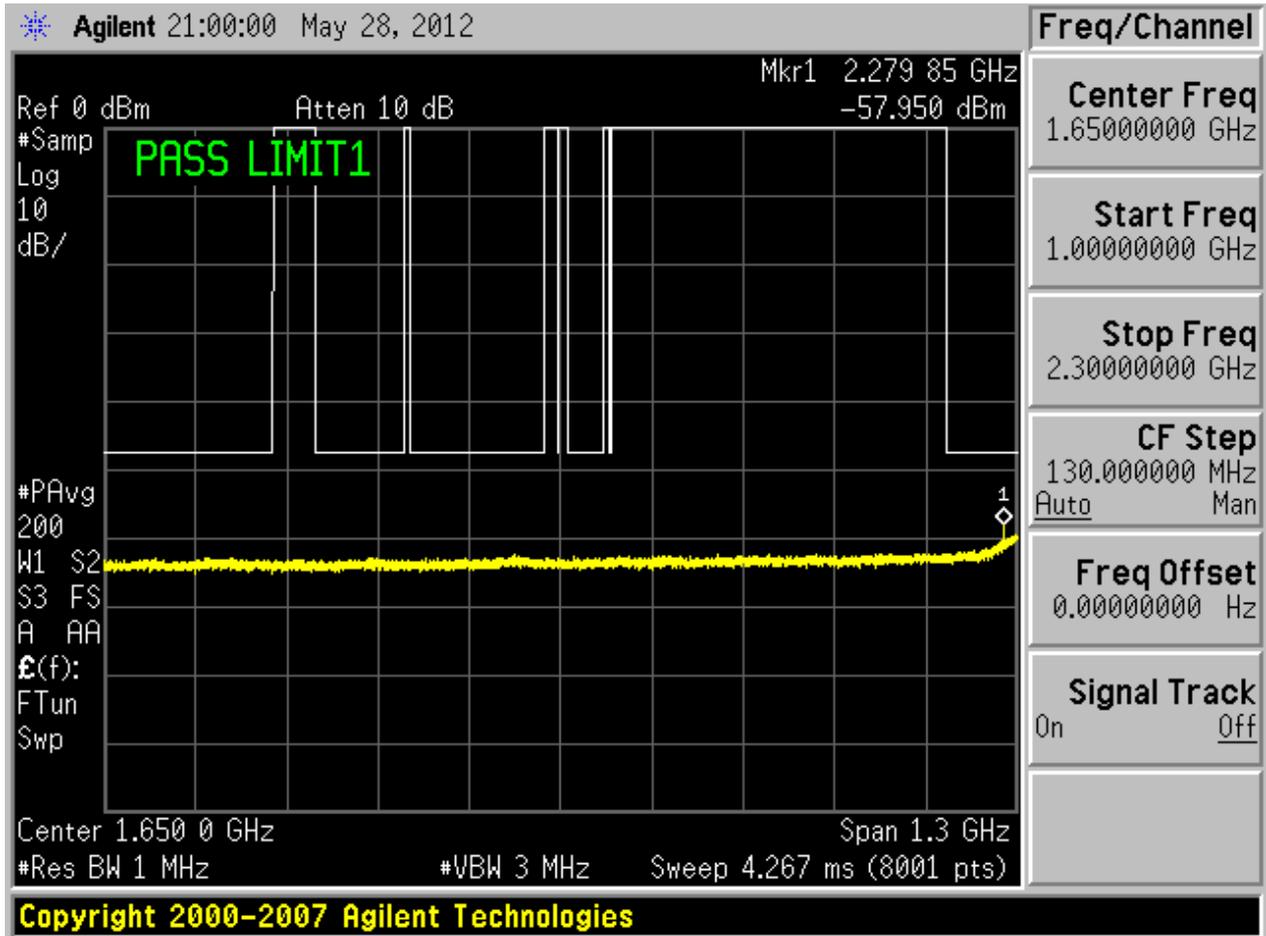


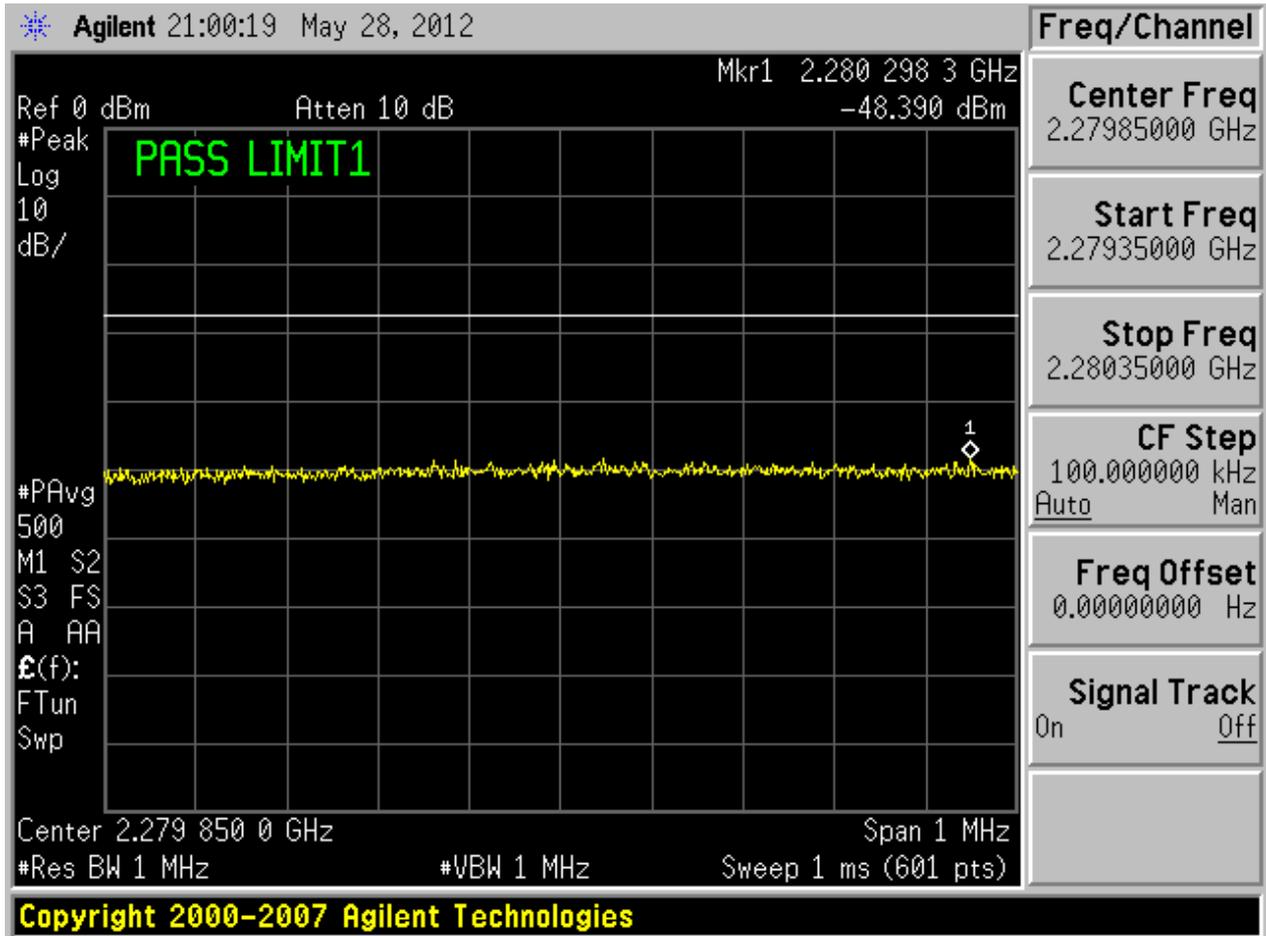
2.19.2 Ant 2

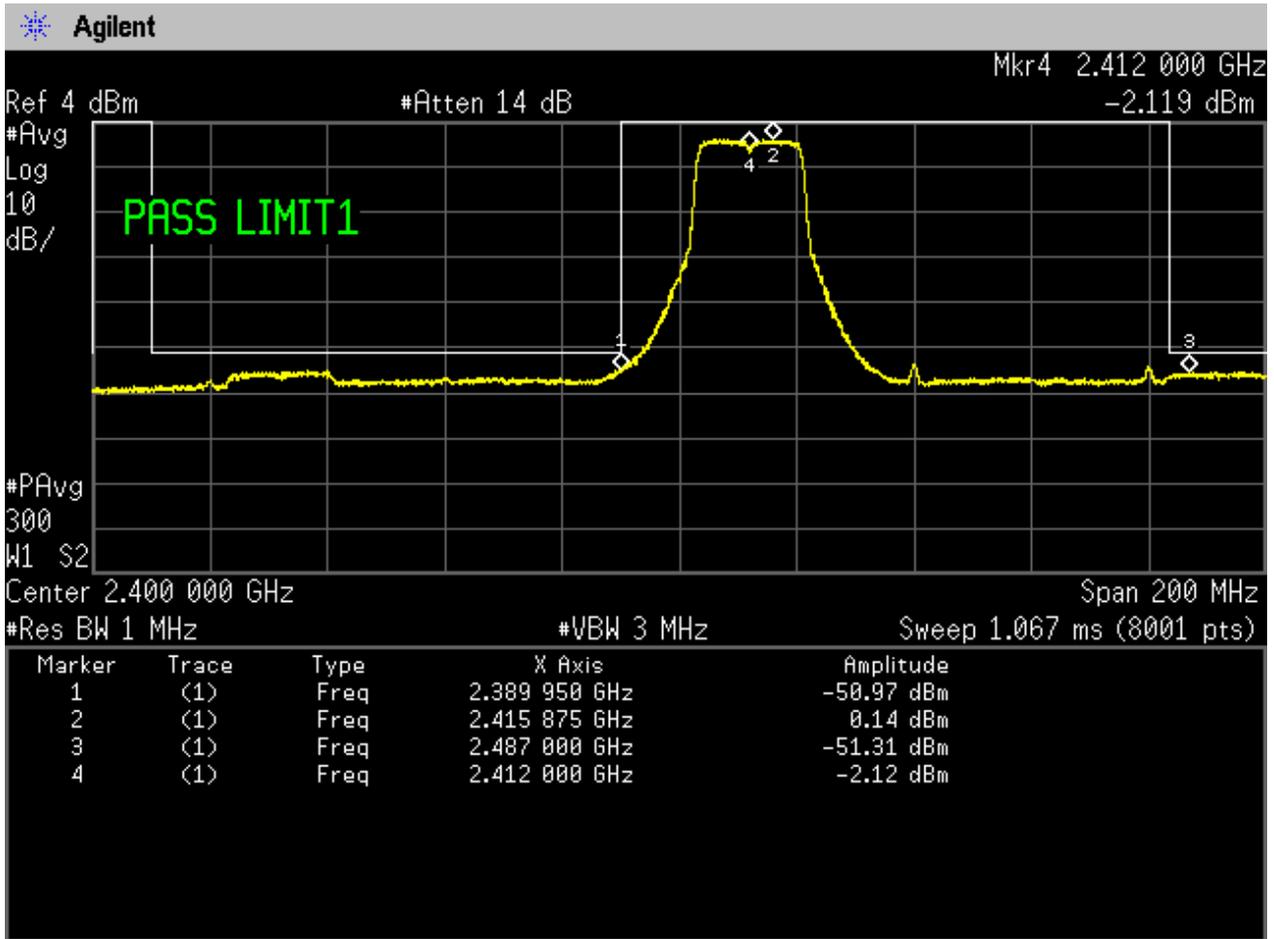


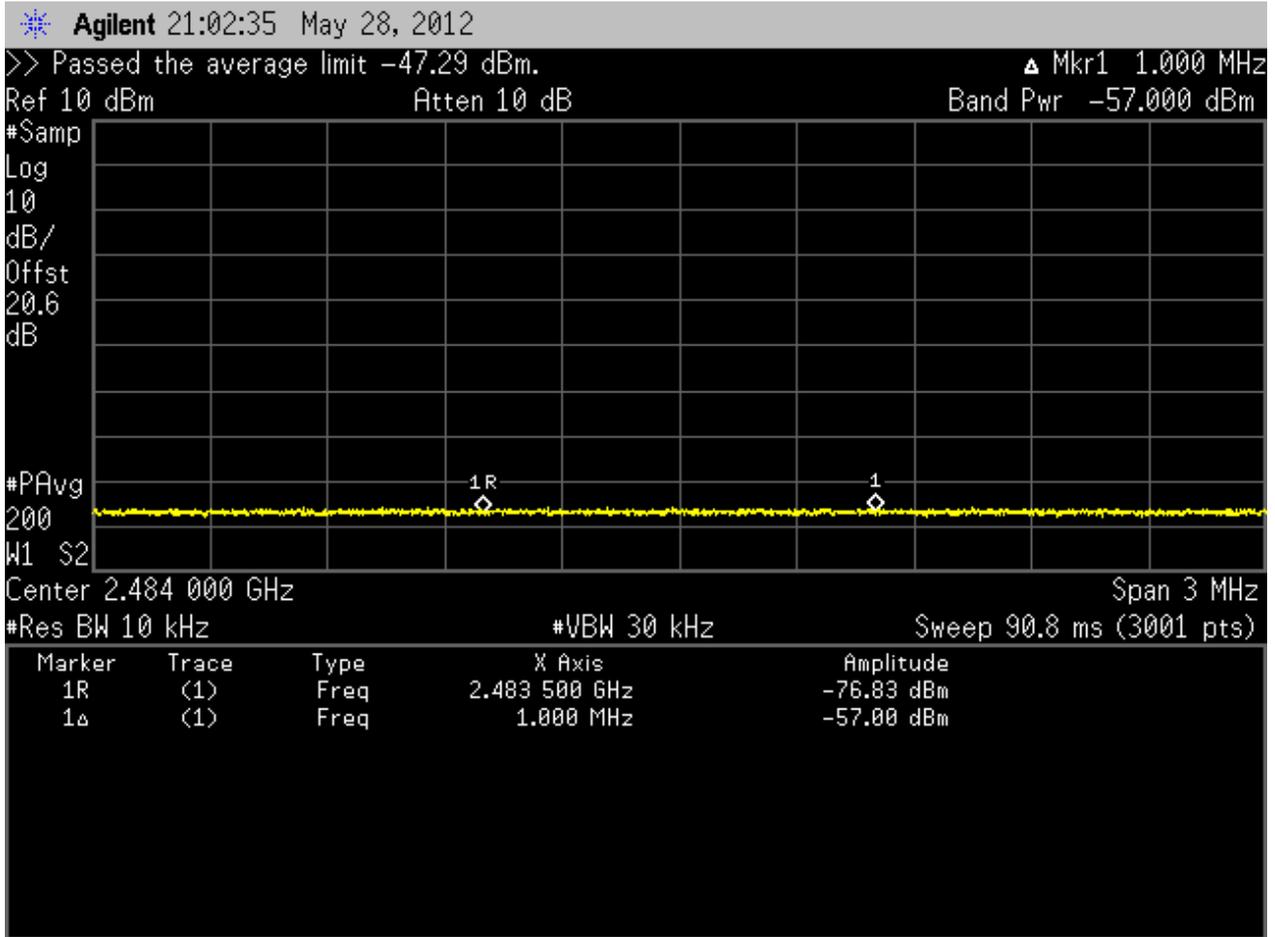


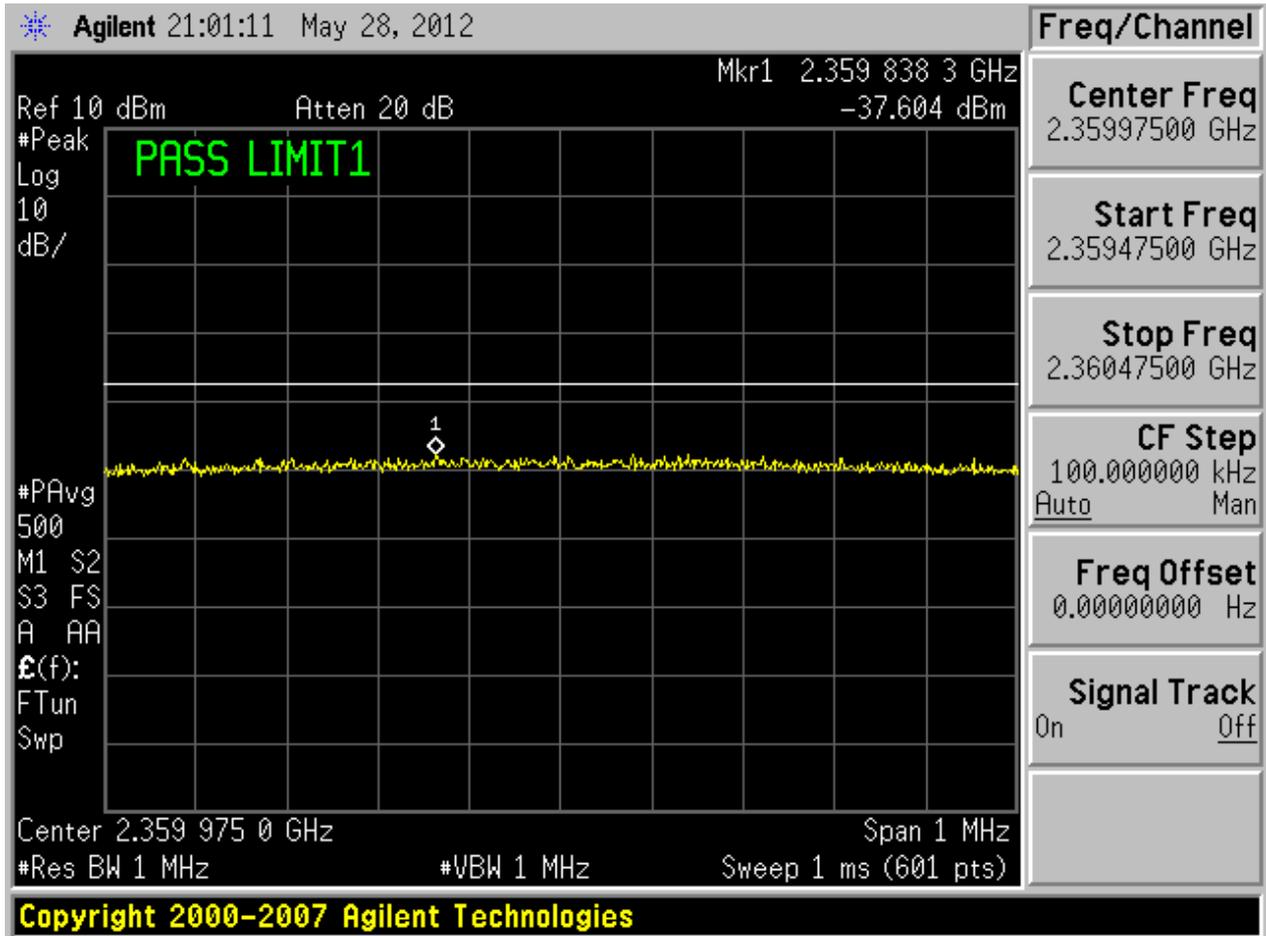


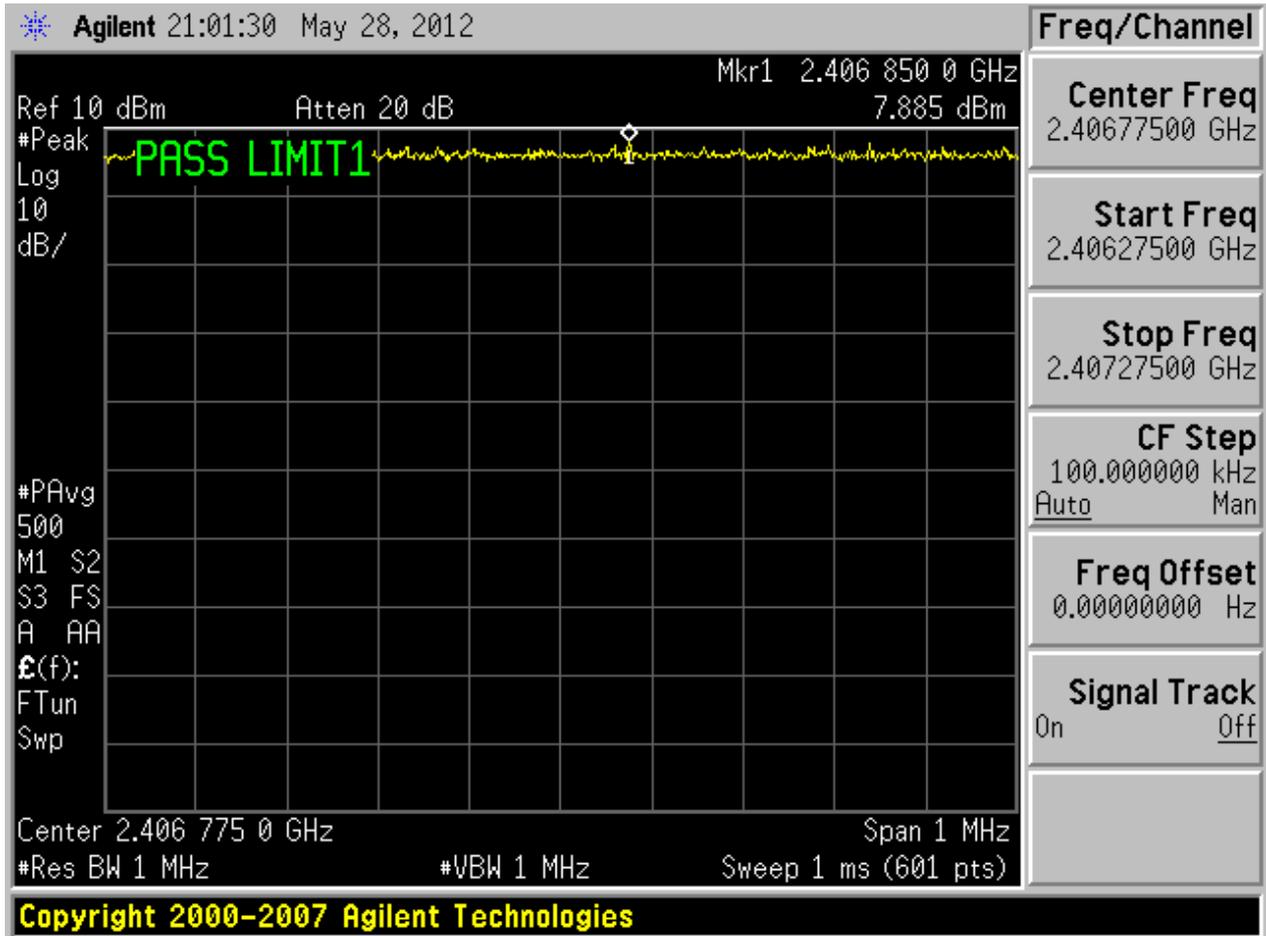


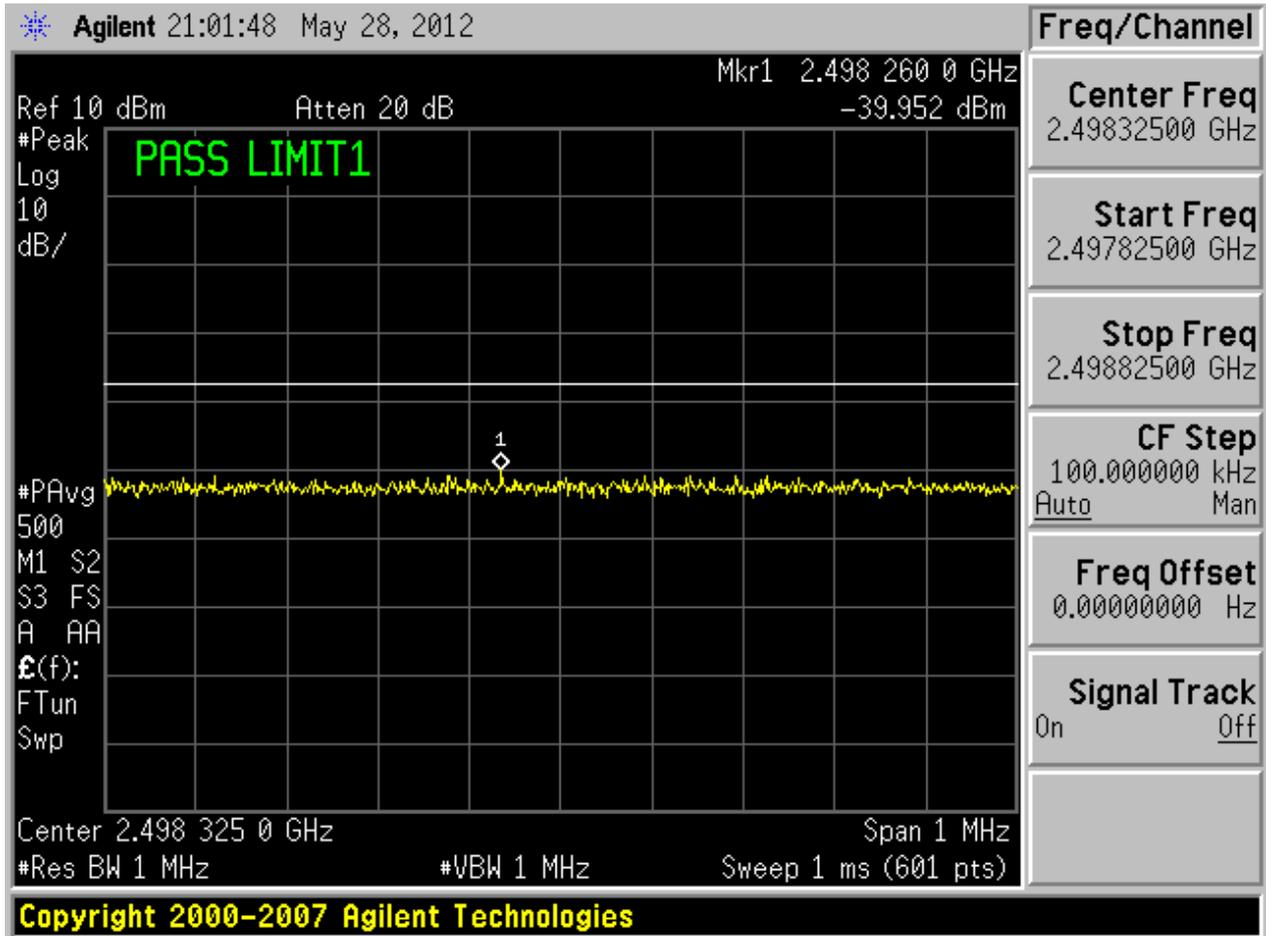


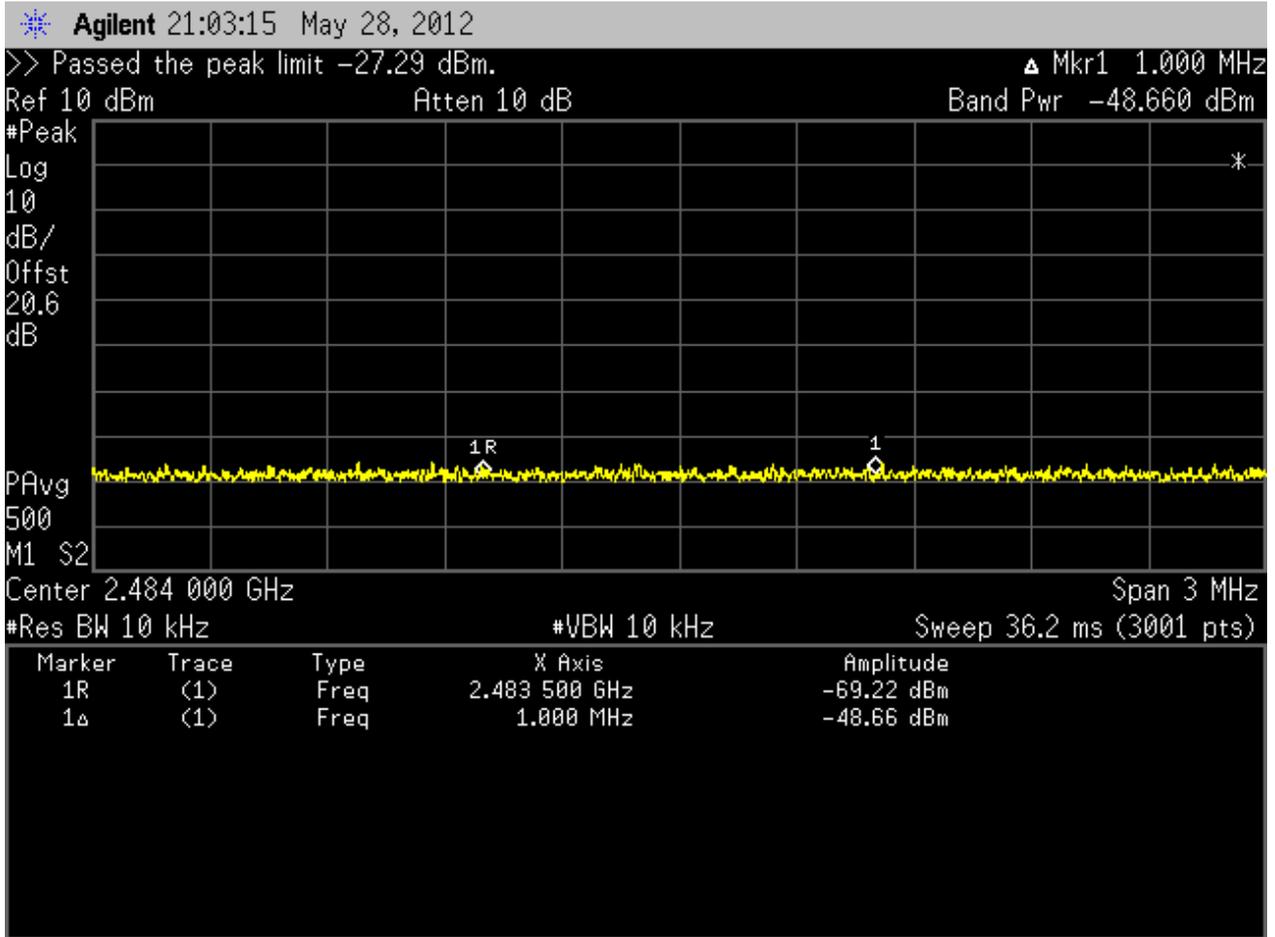


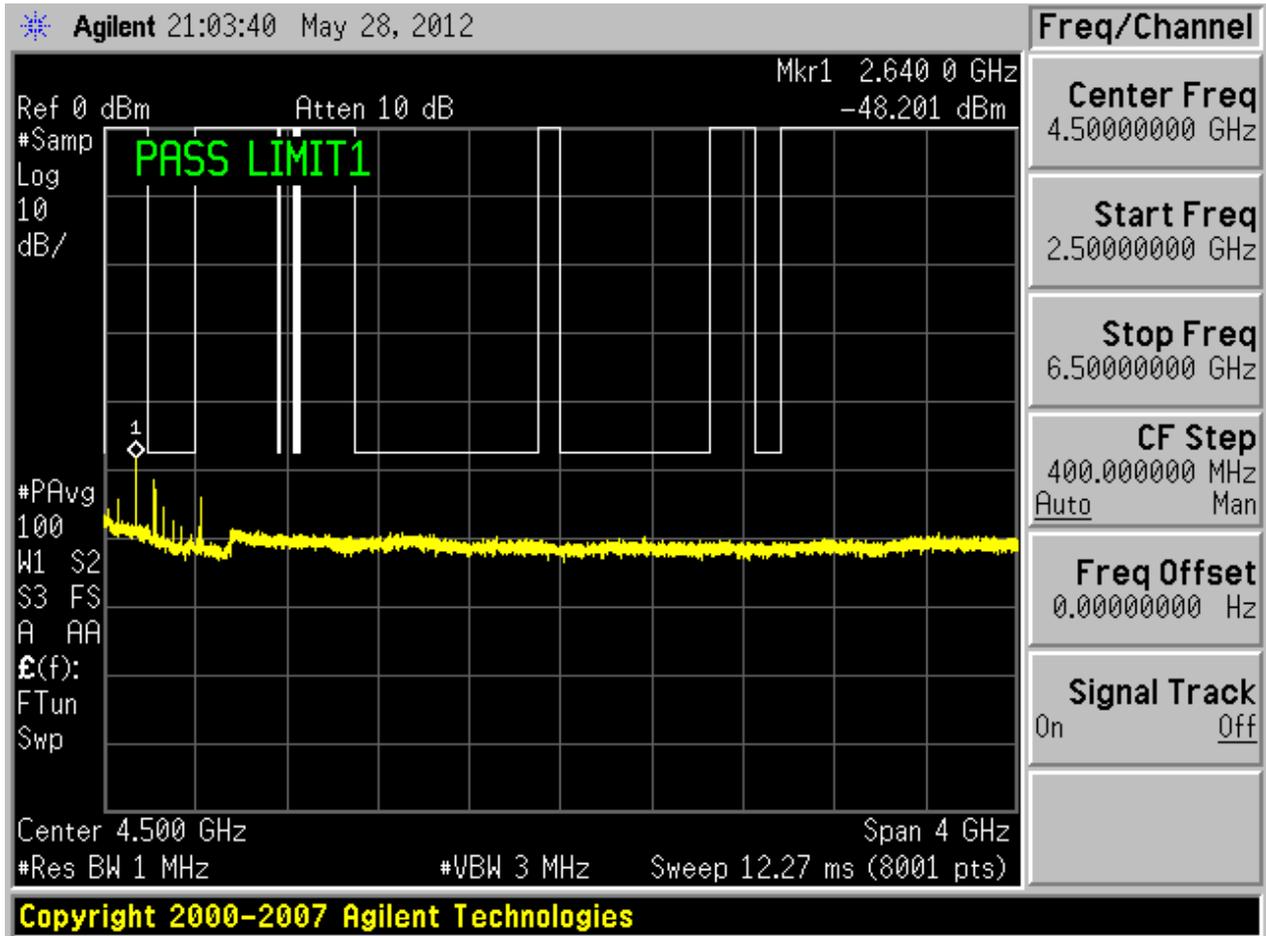


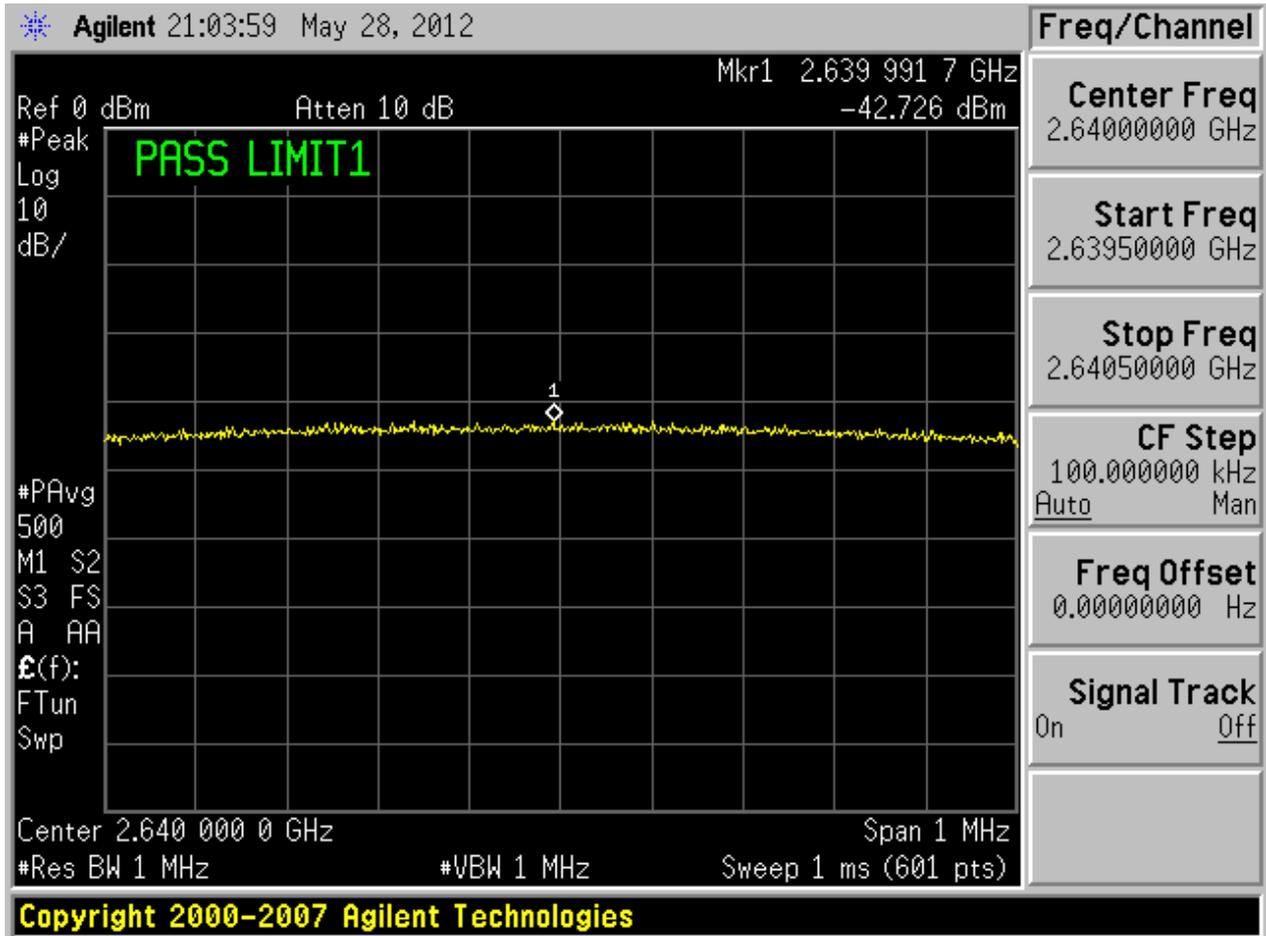


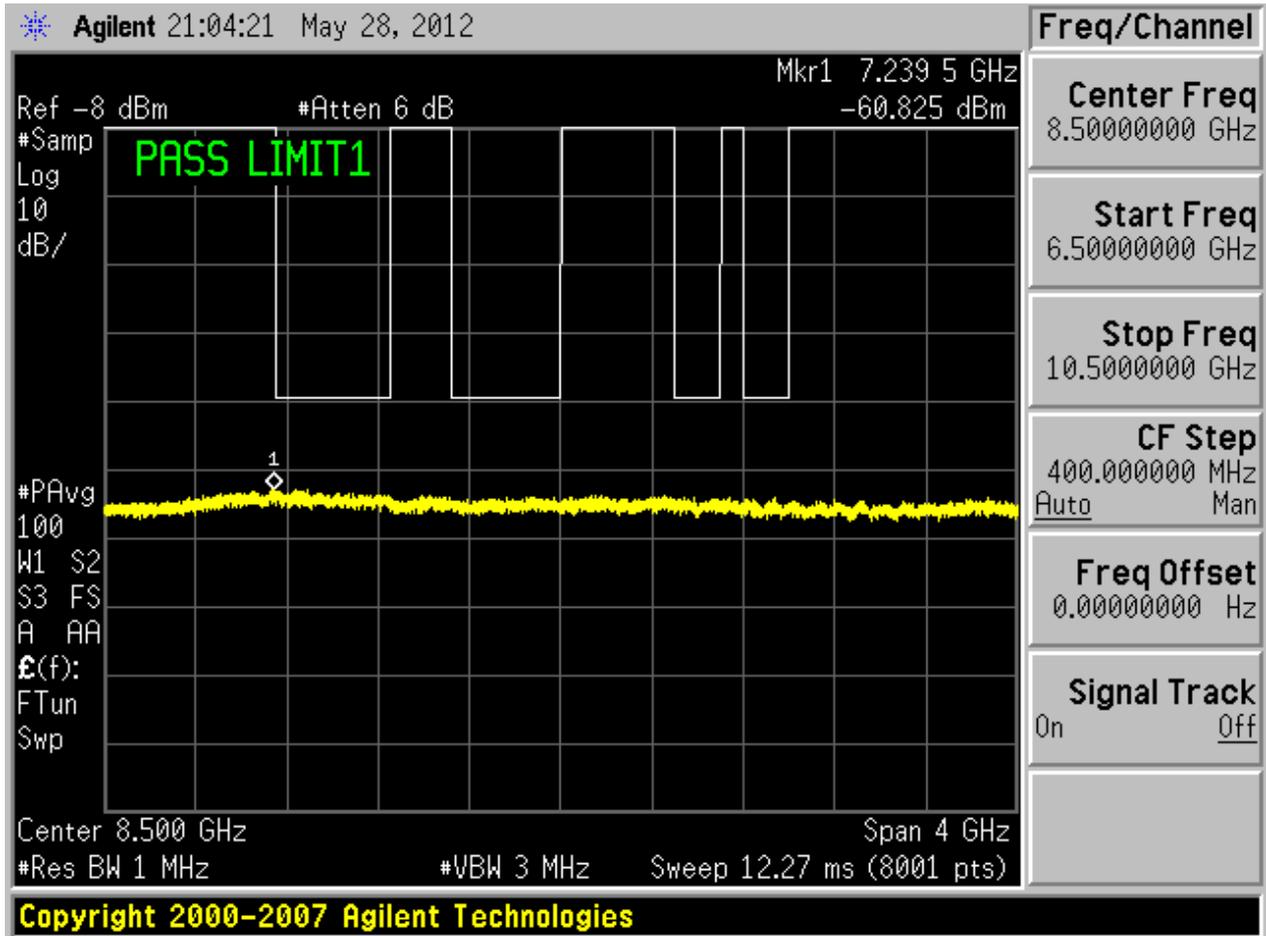


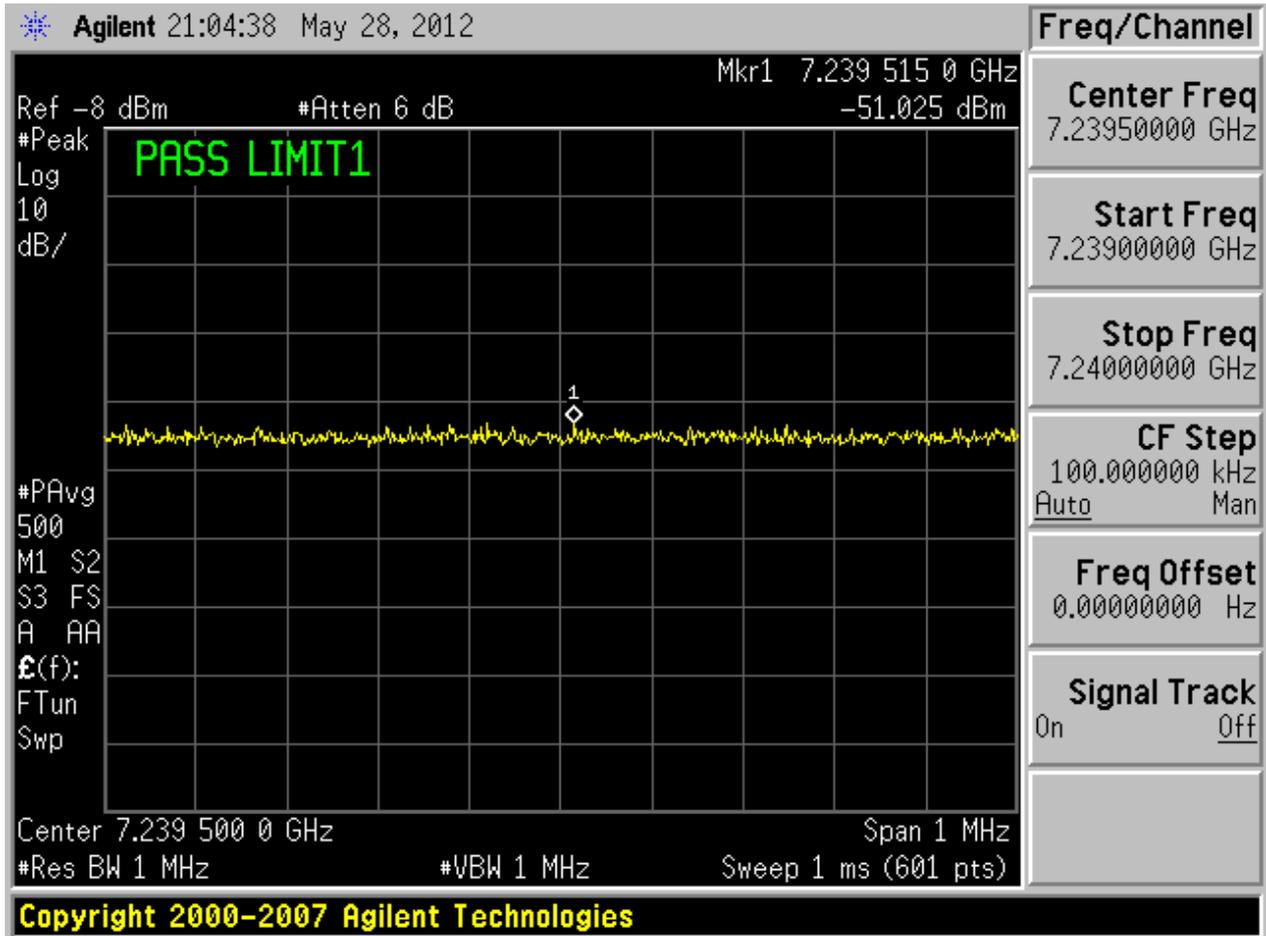


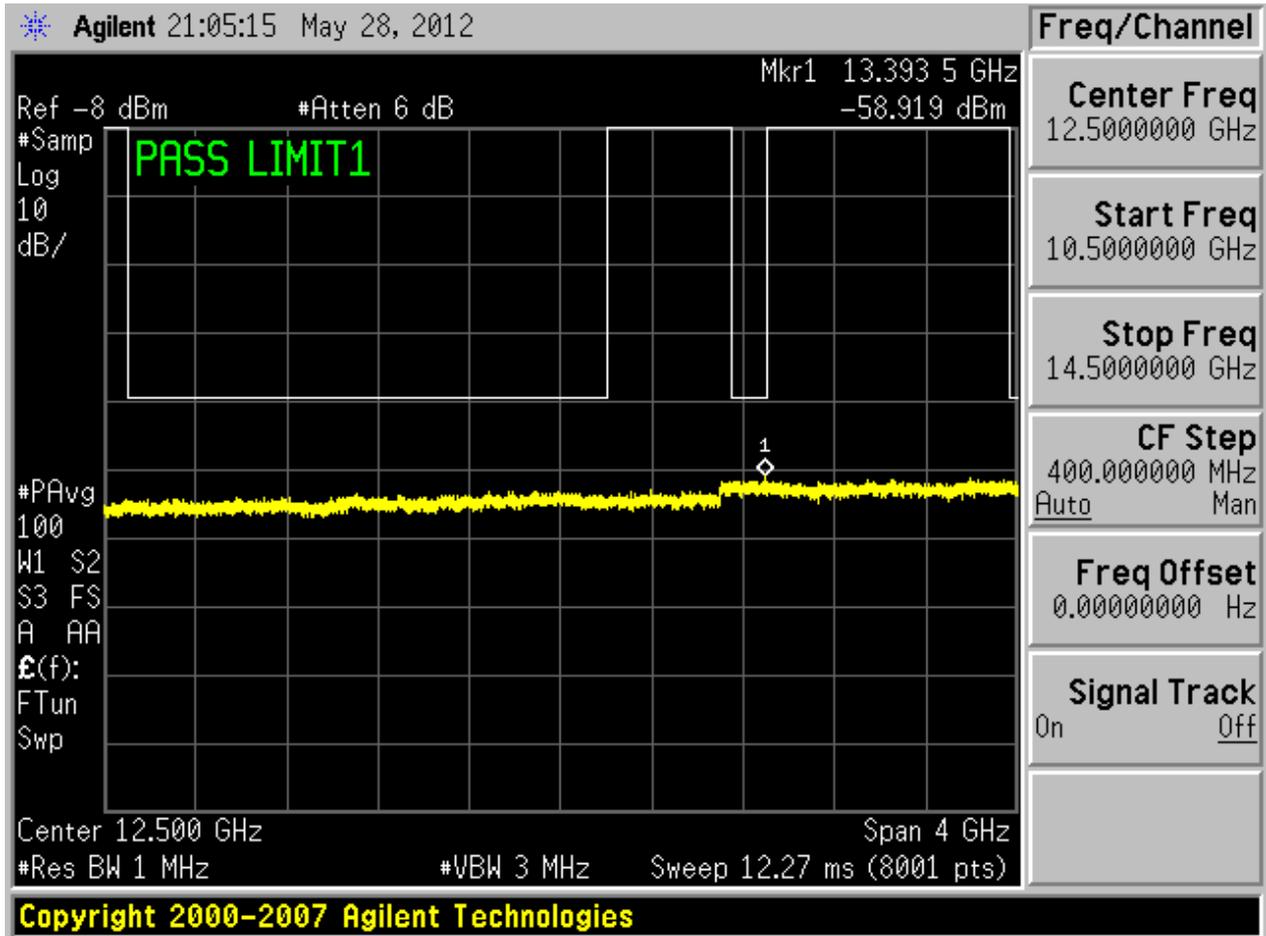


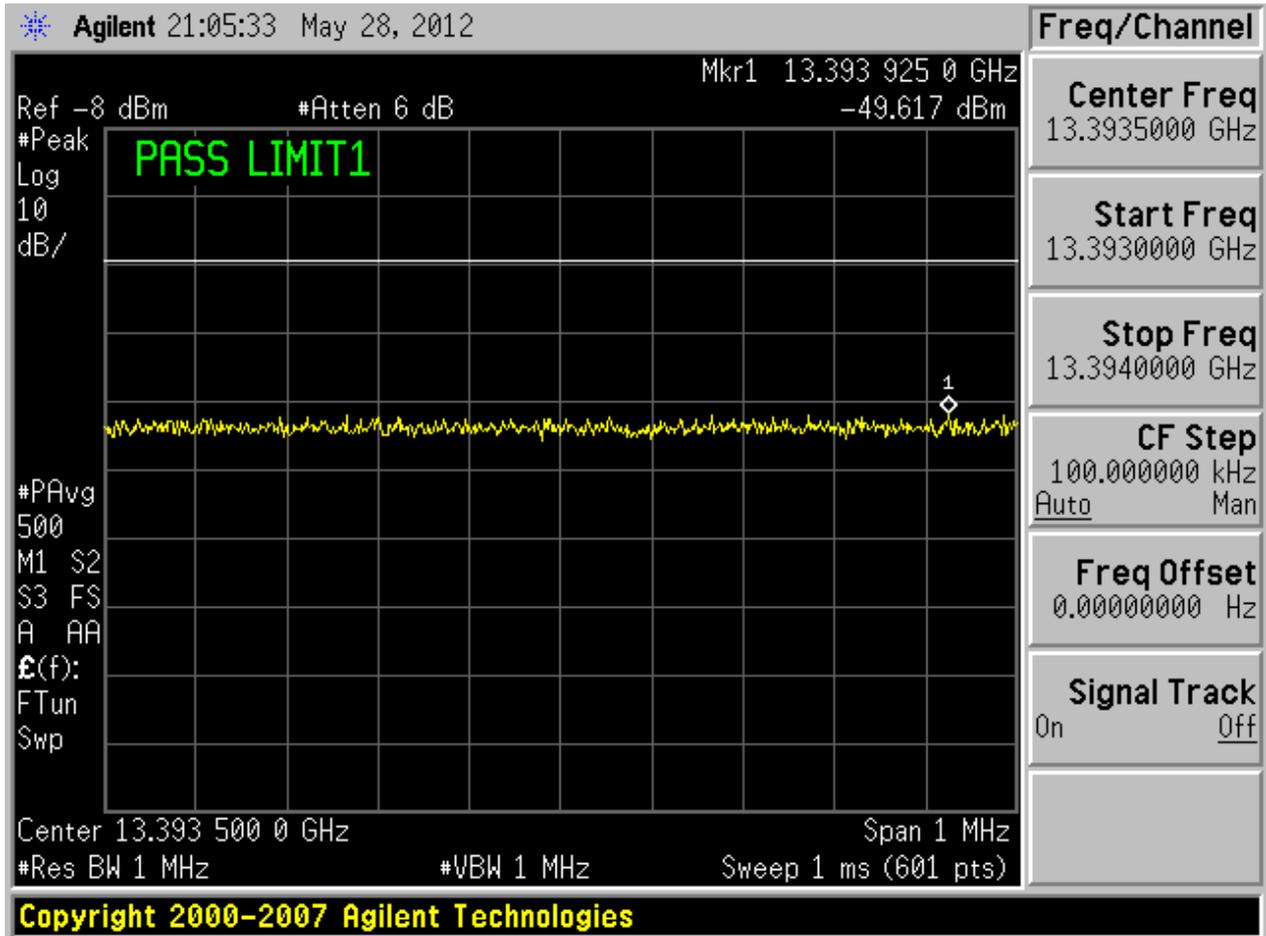


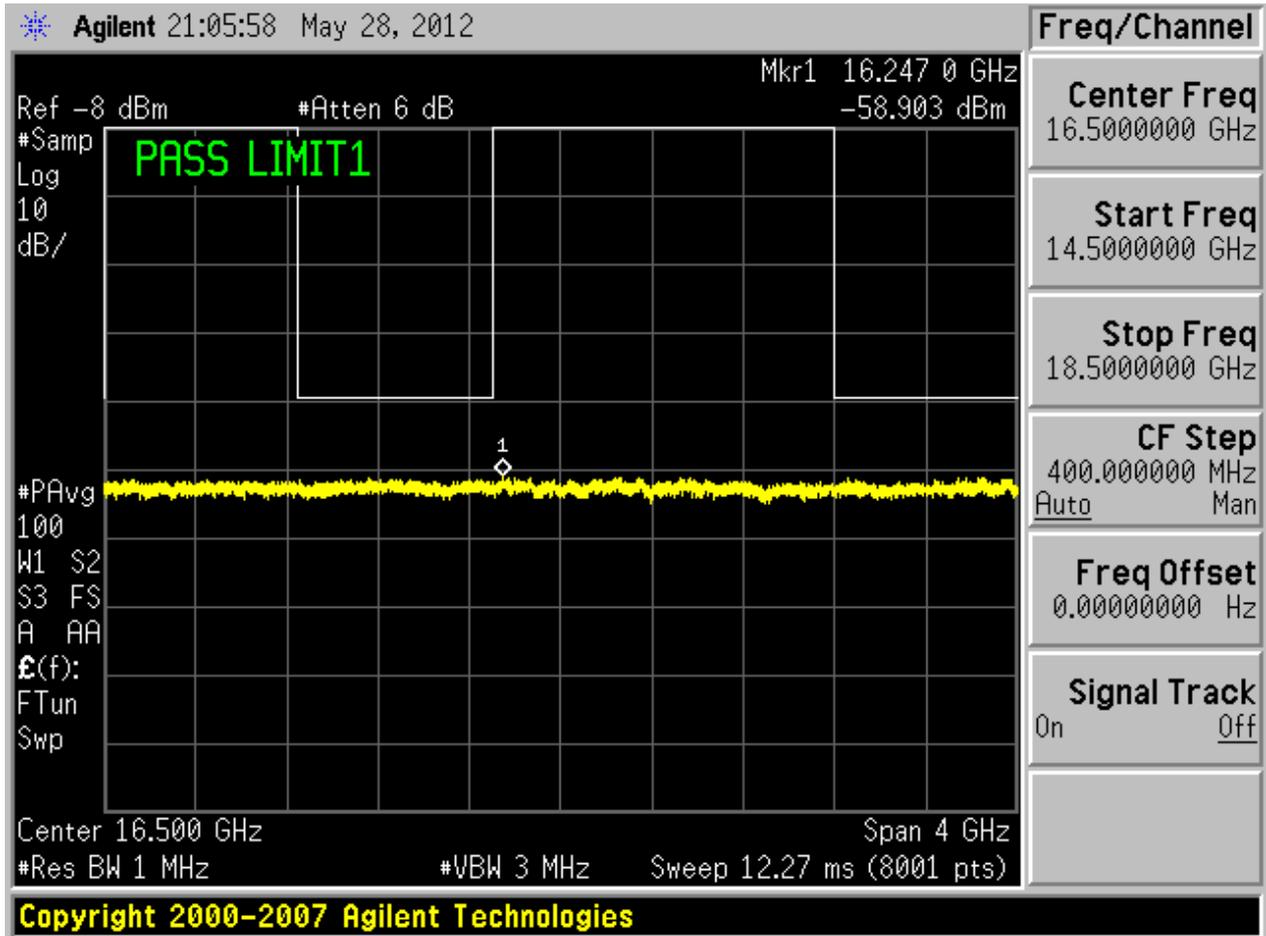


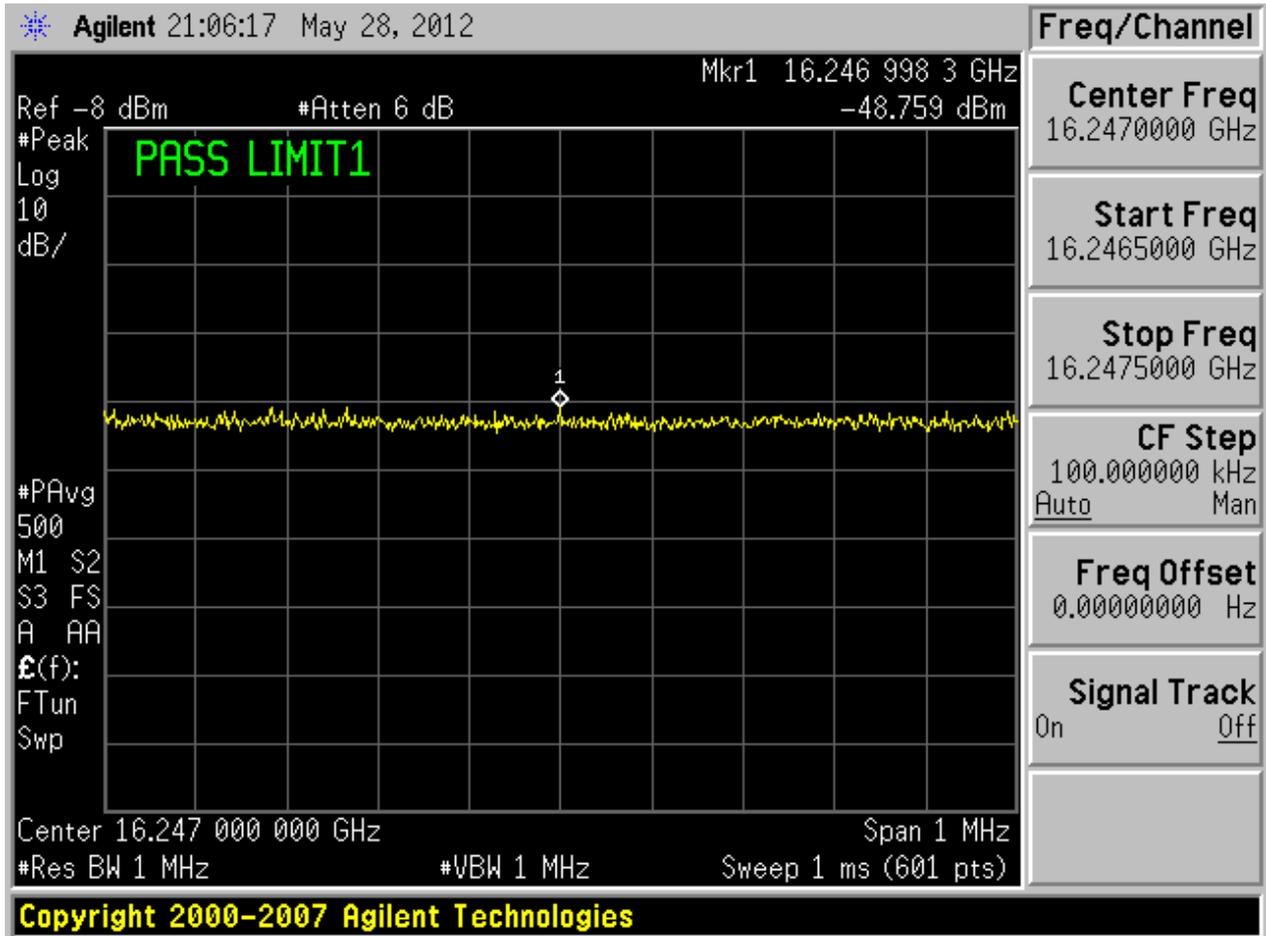


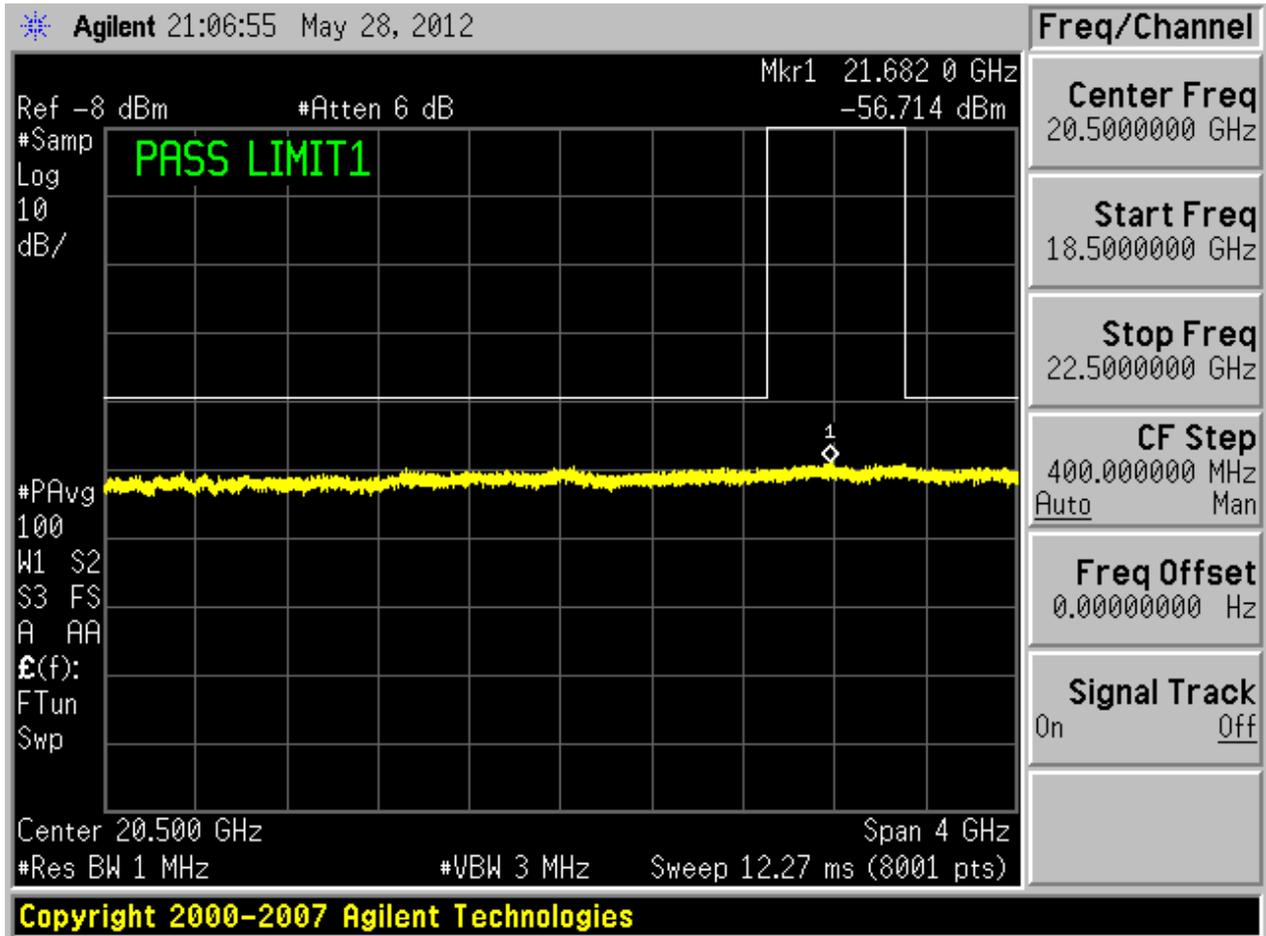


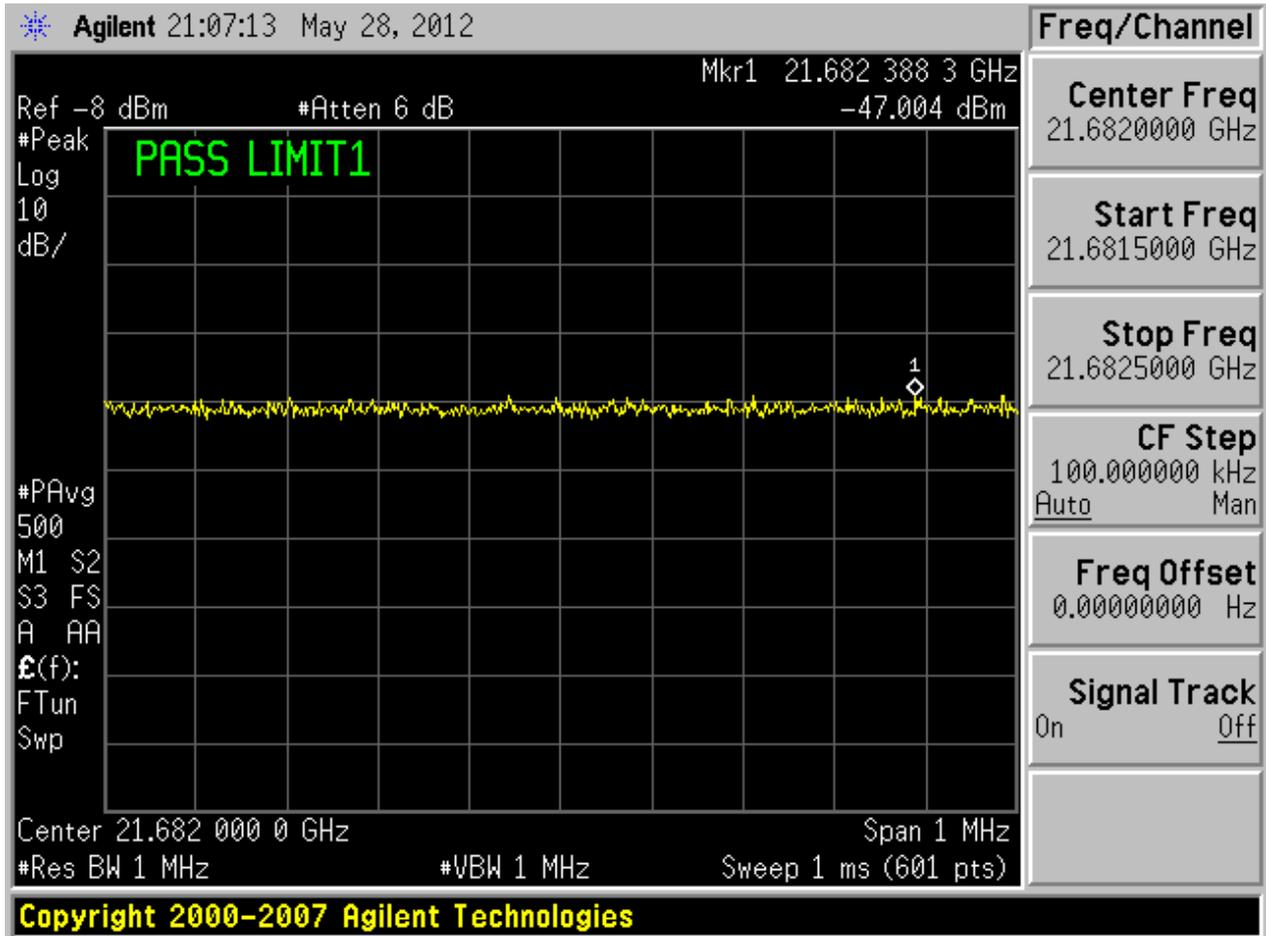


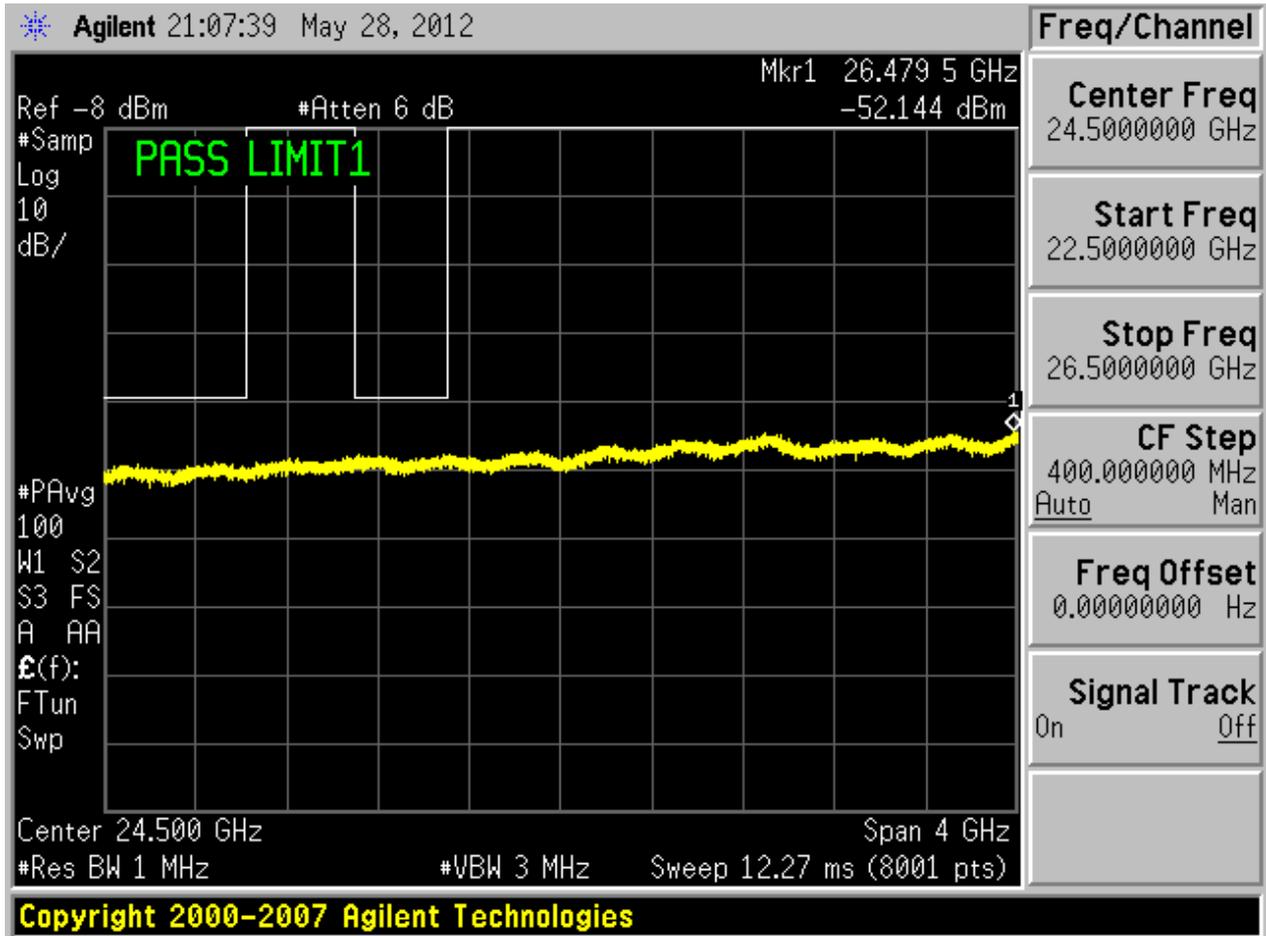


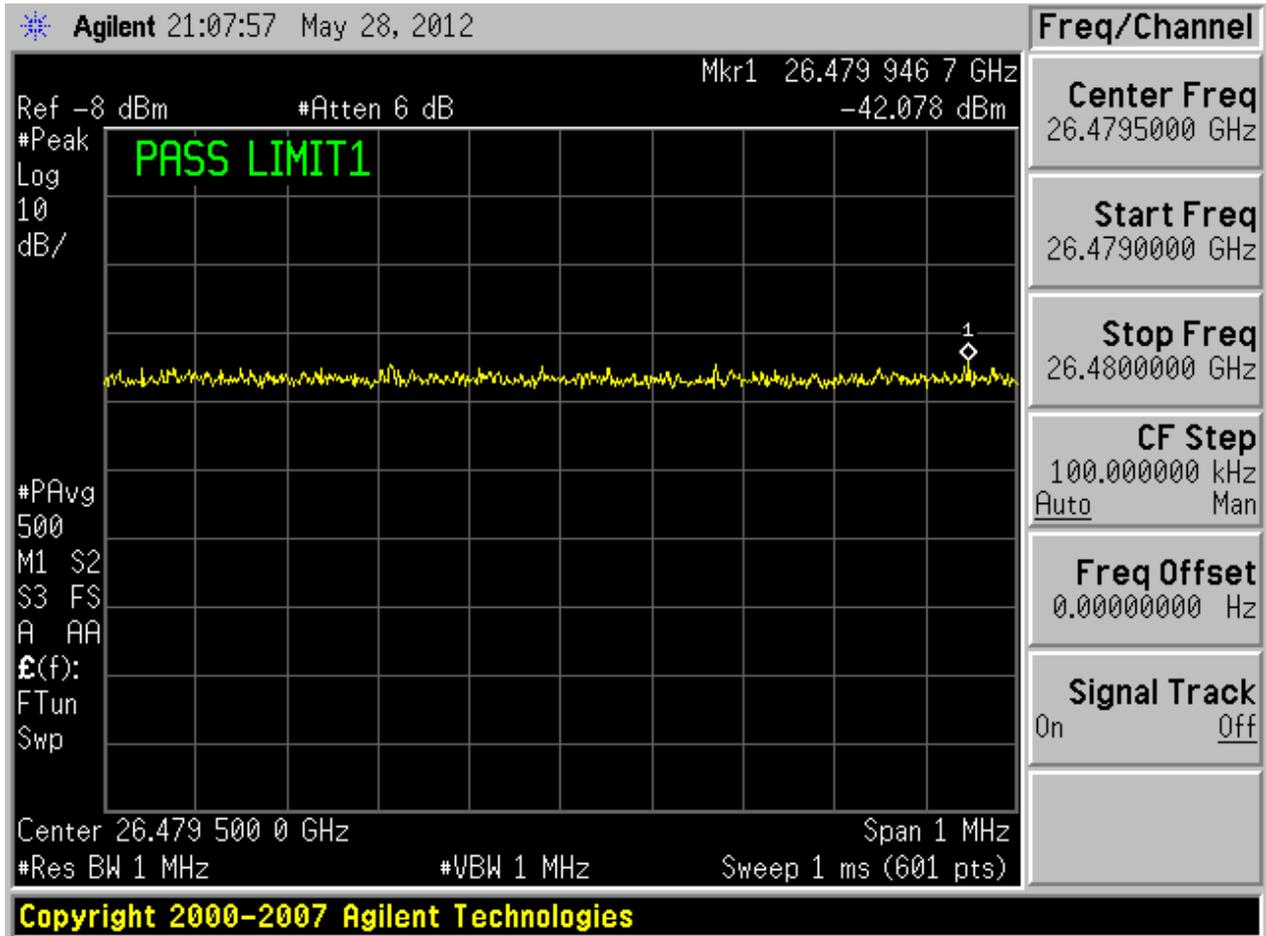










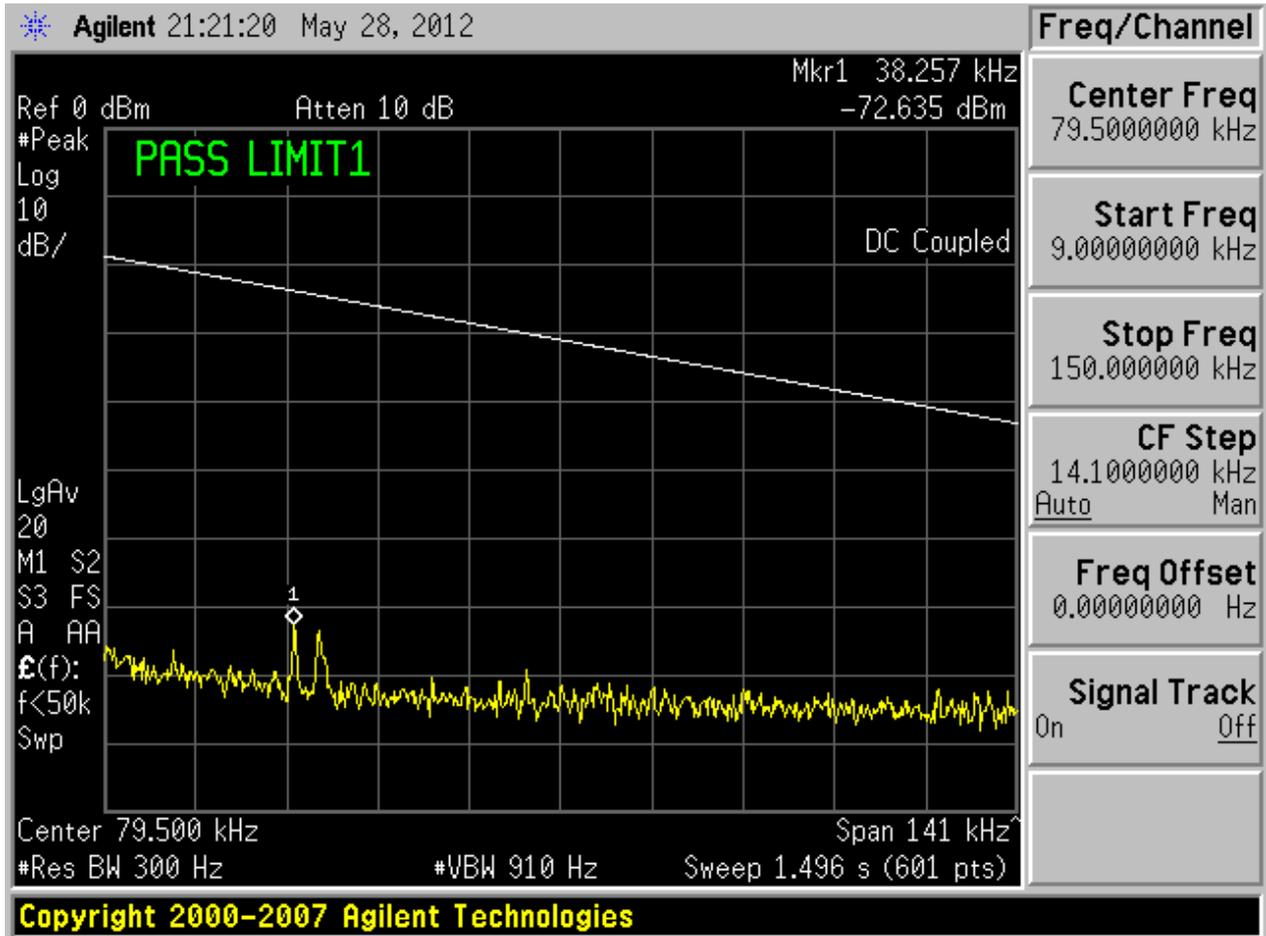


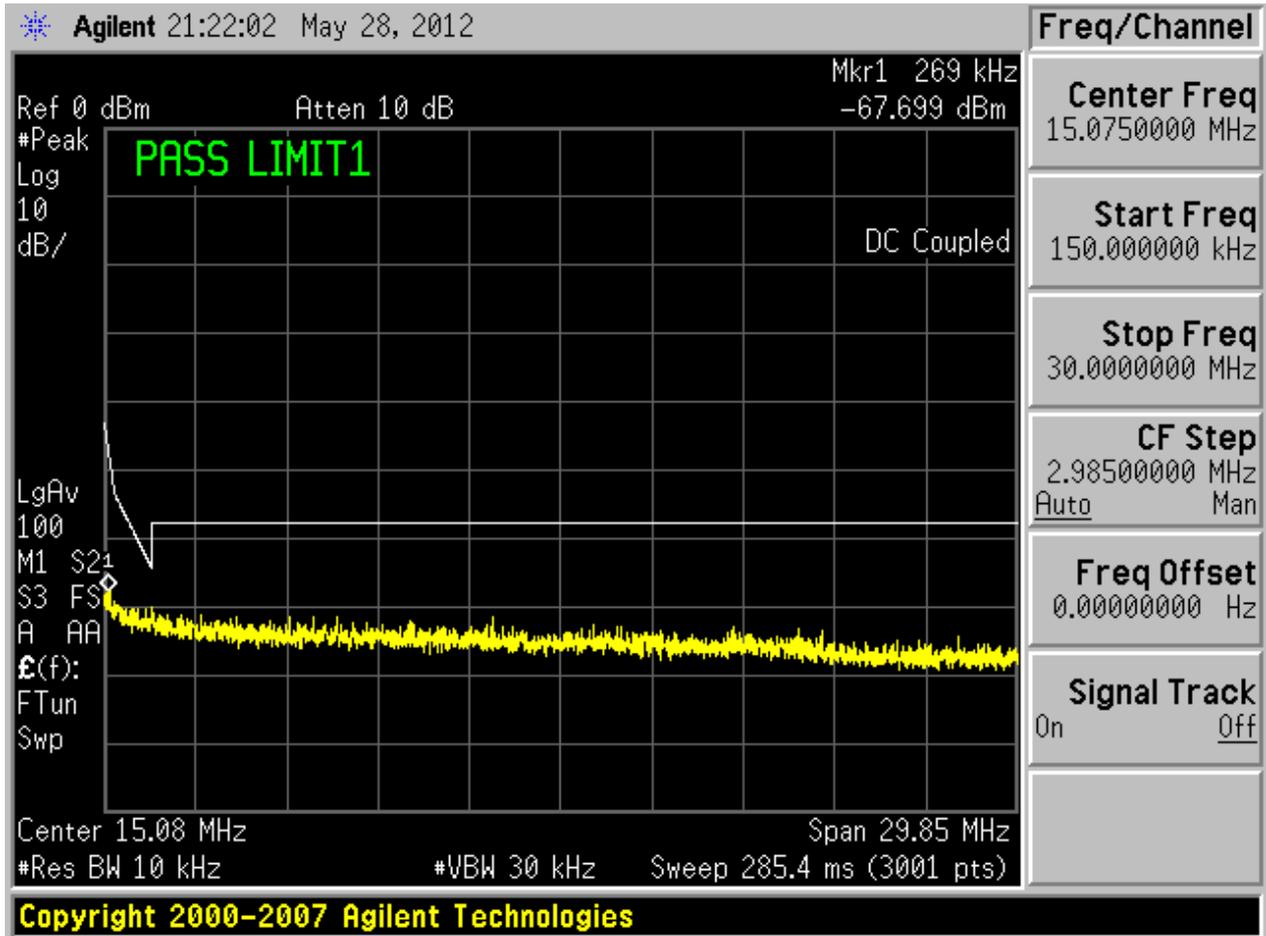
2.19.3 Further procedure for failed-plots in the range of 2300 to 2500 MHz

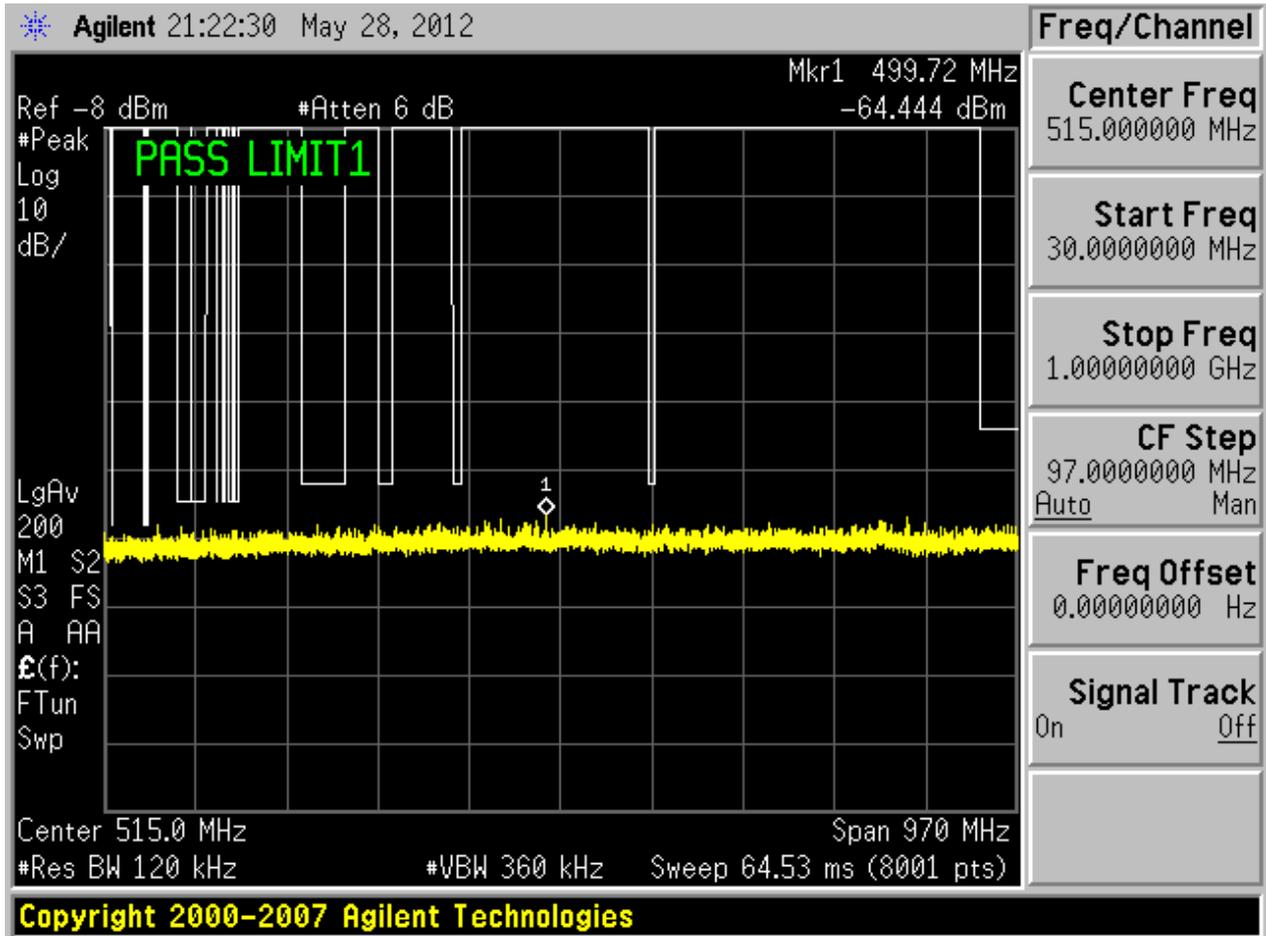
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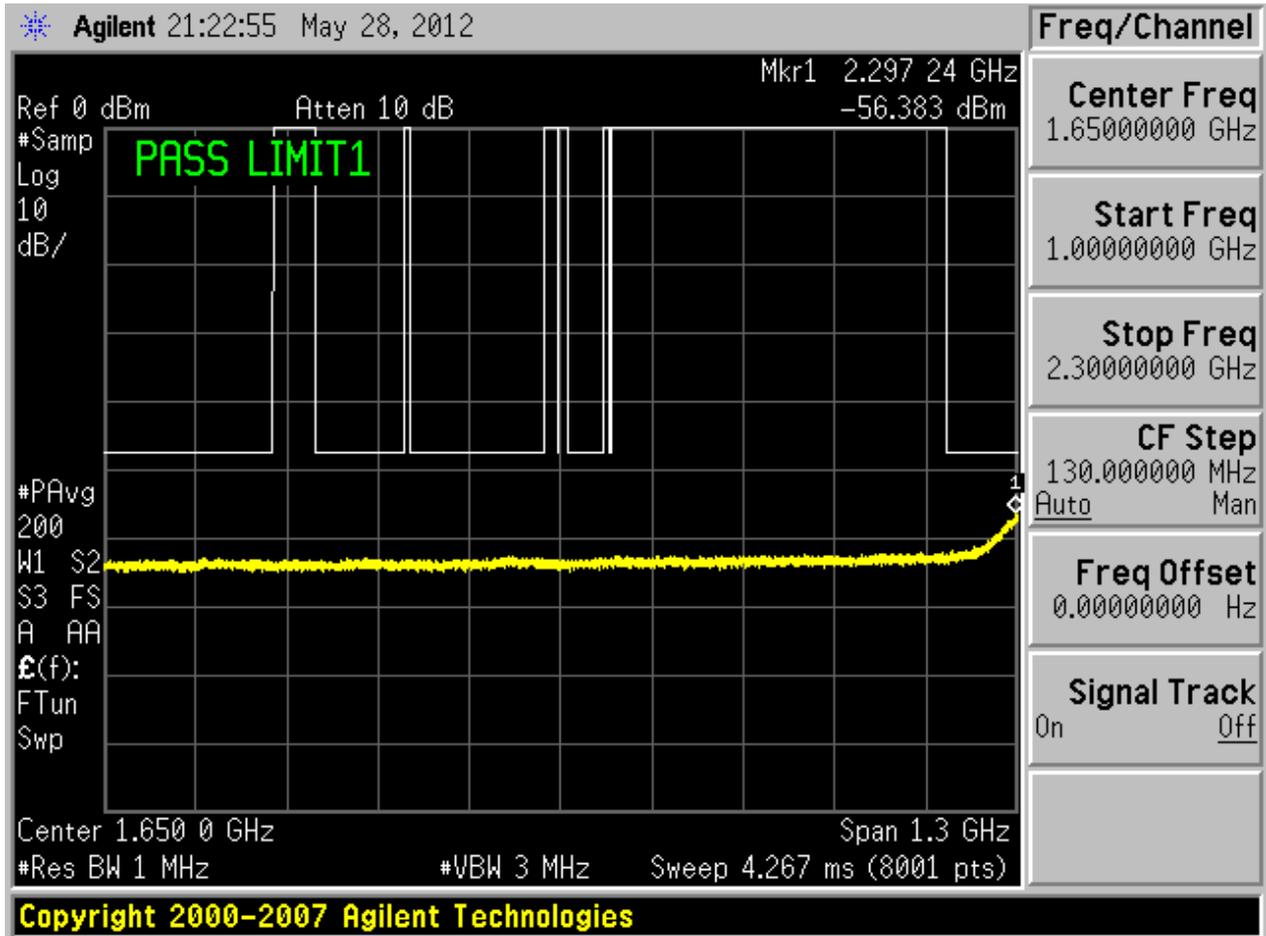
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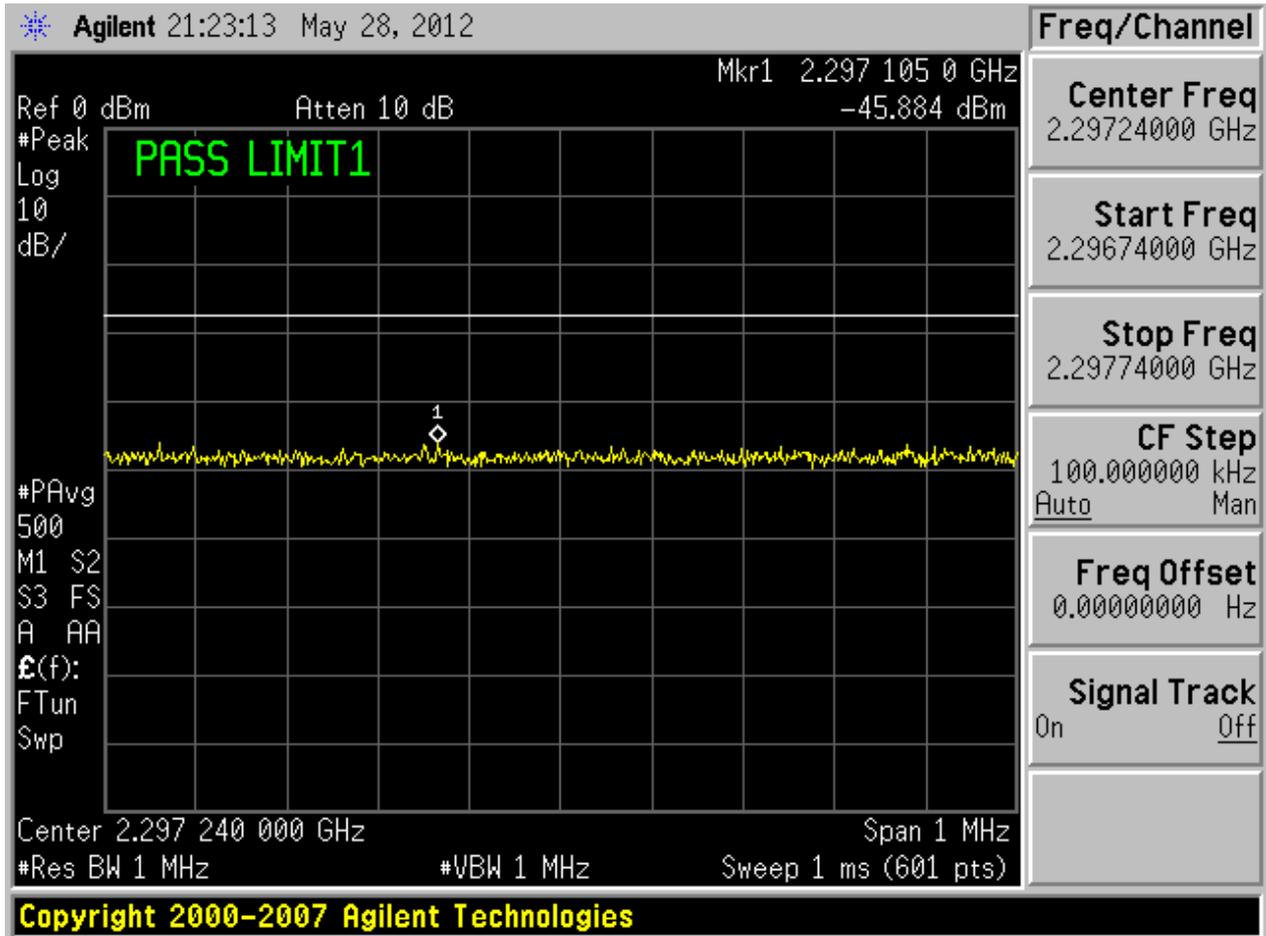
2.20.1 Ant 1

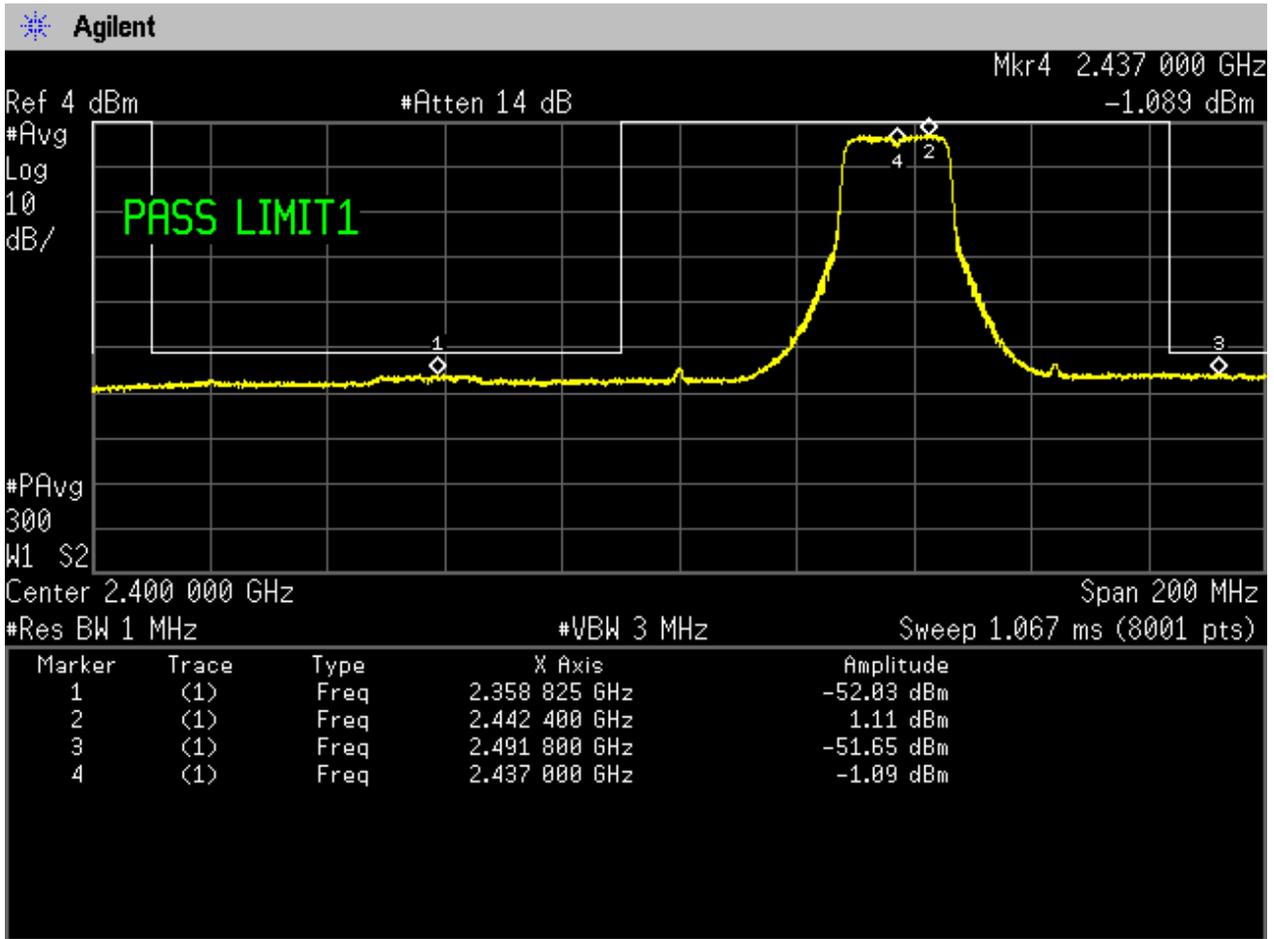


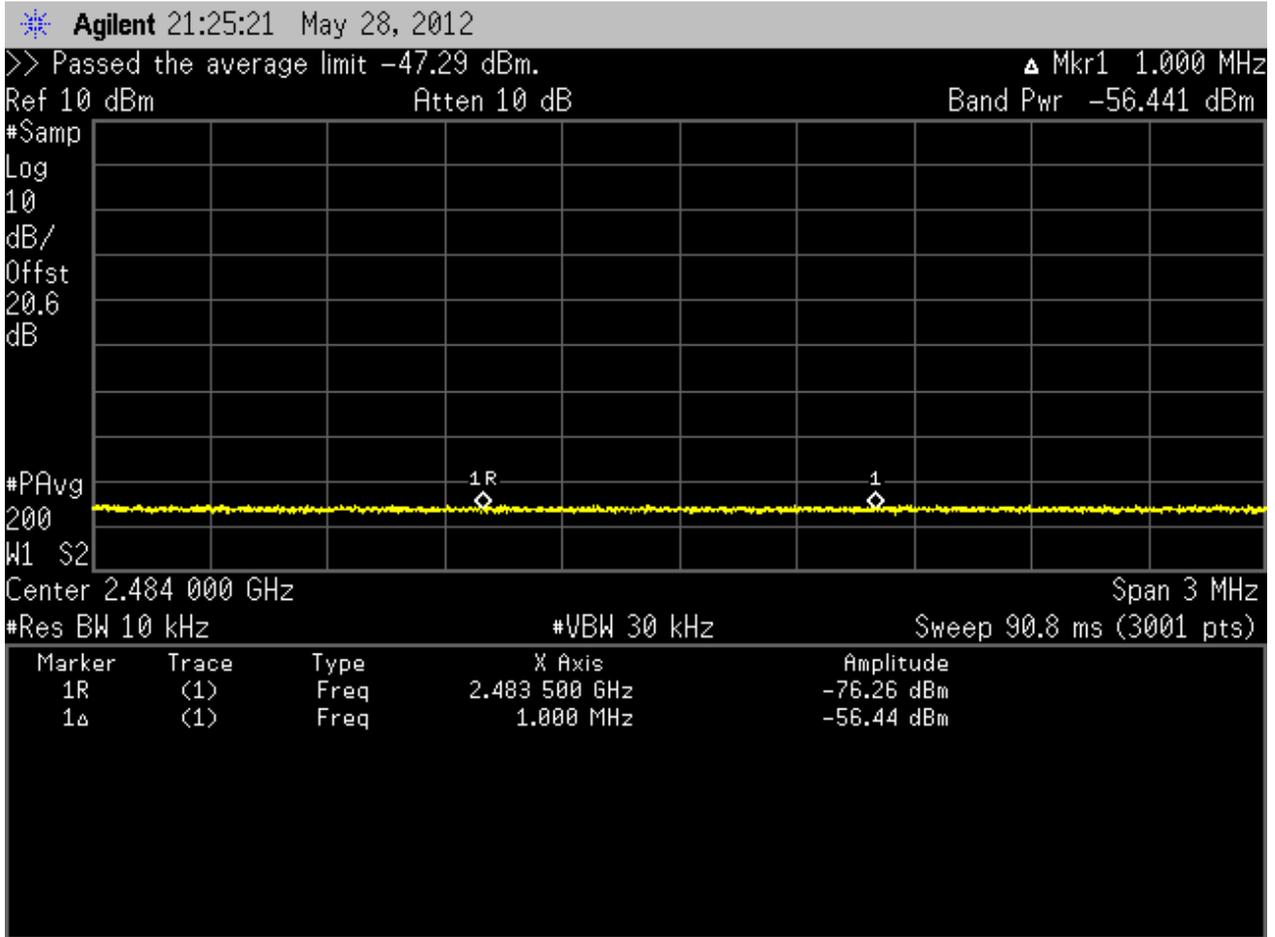


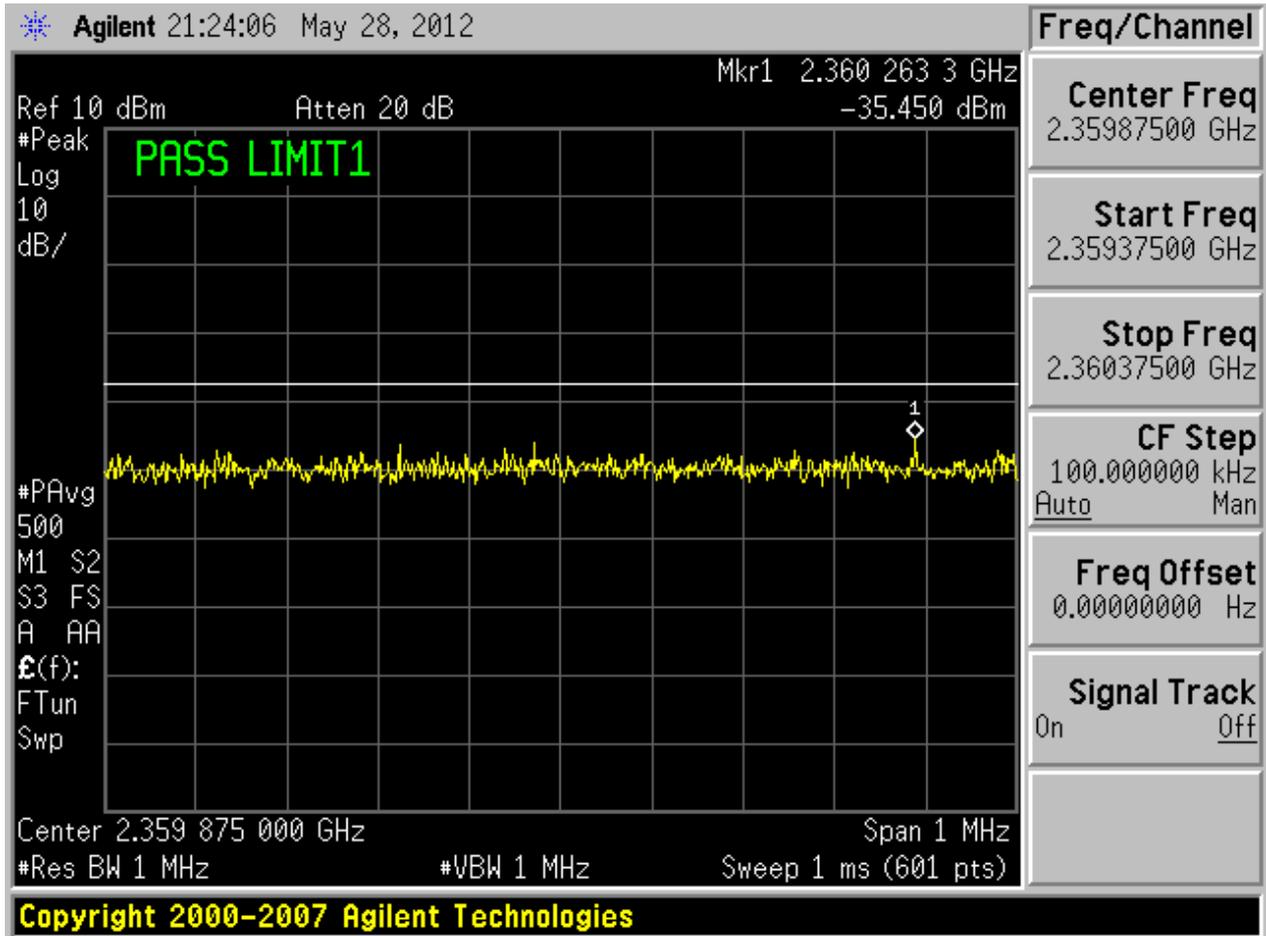


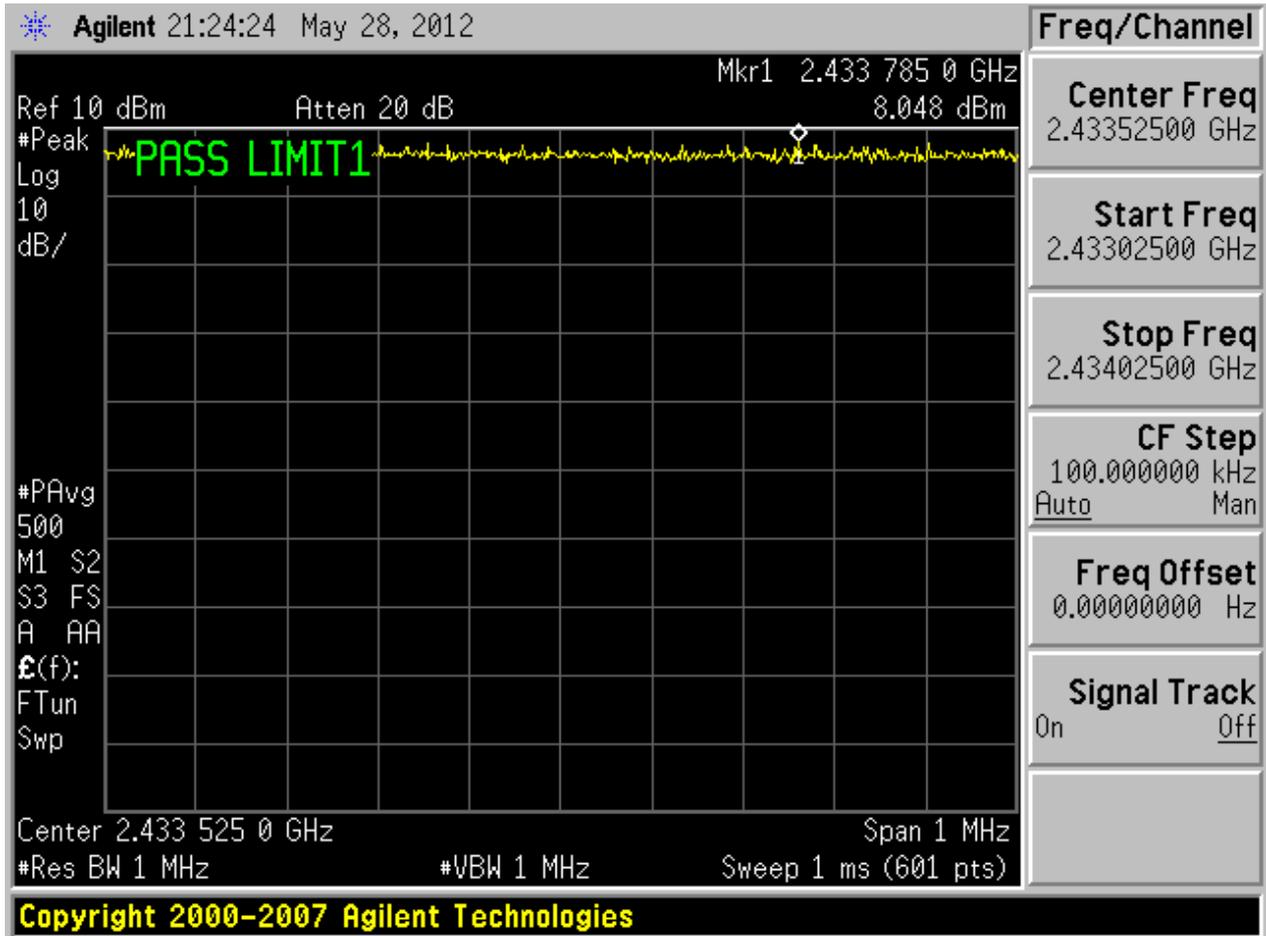


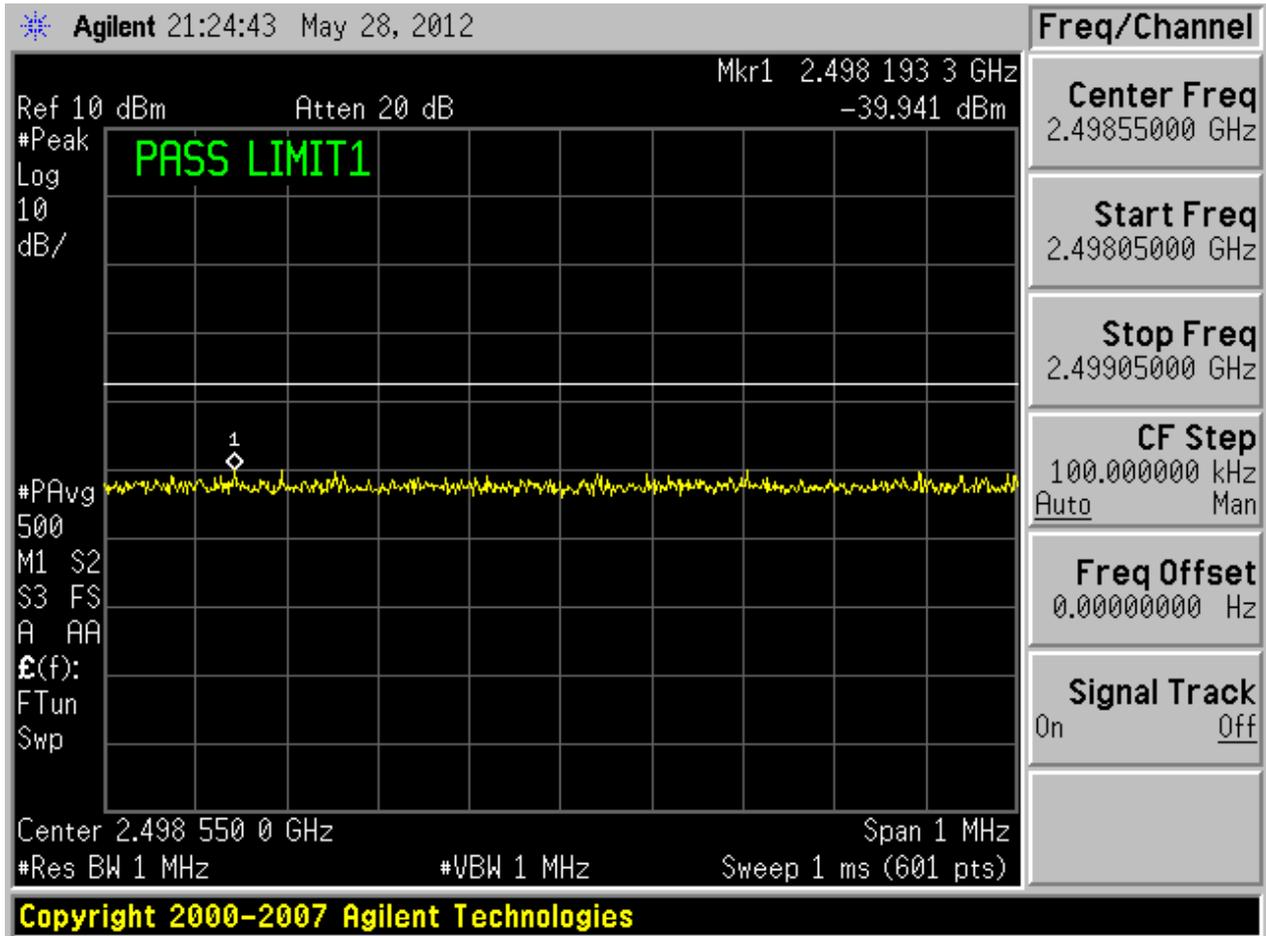


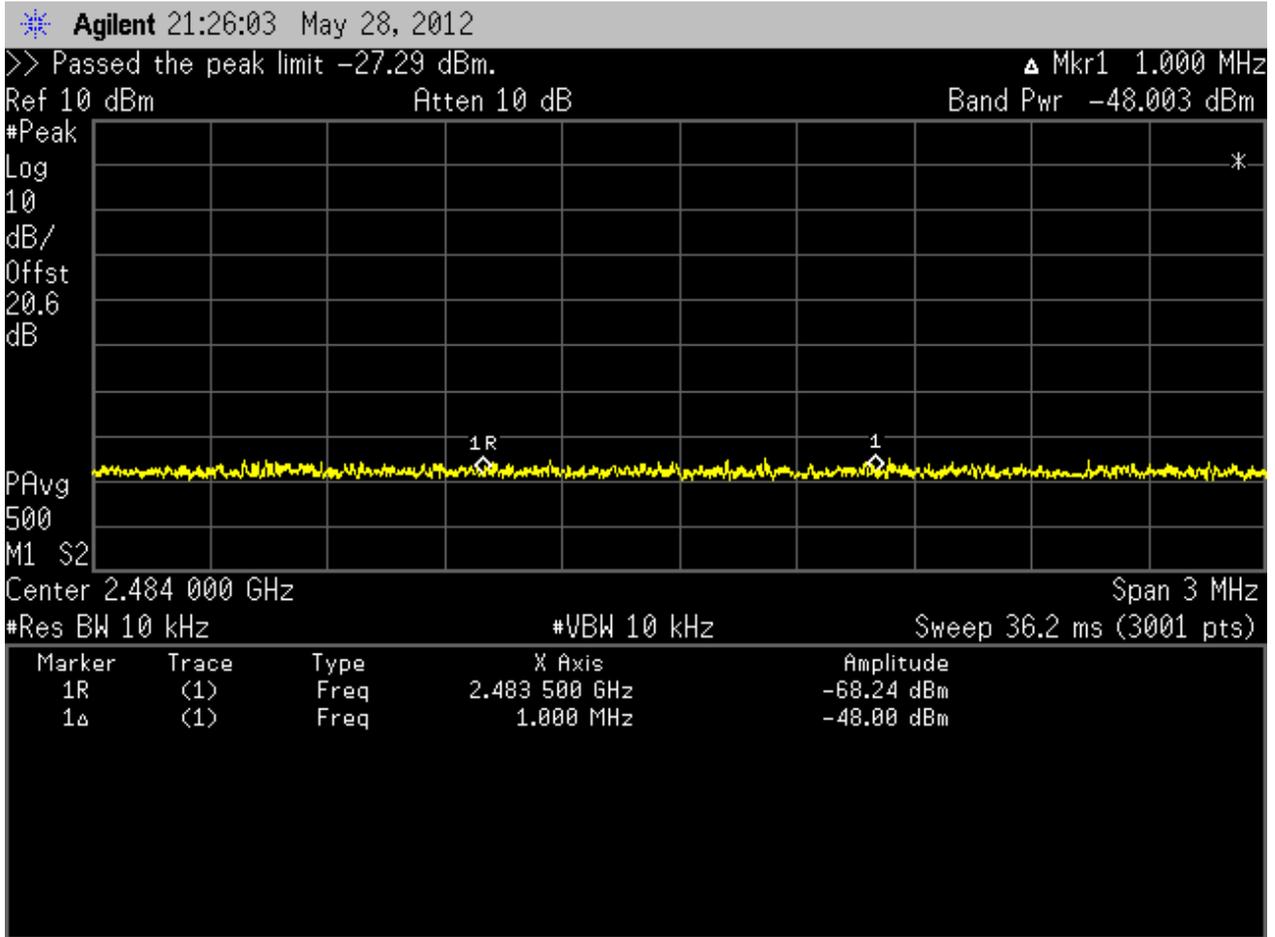


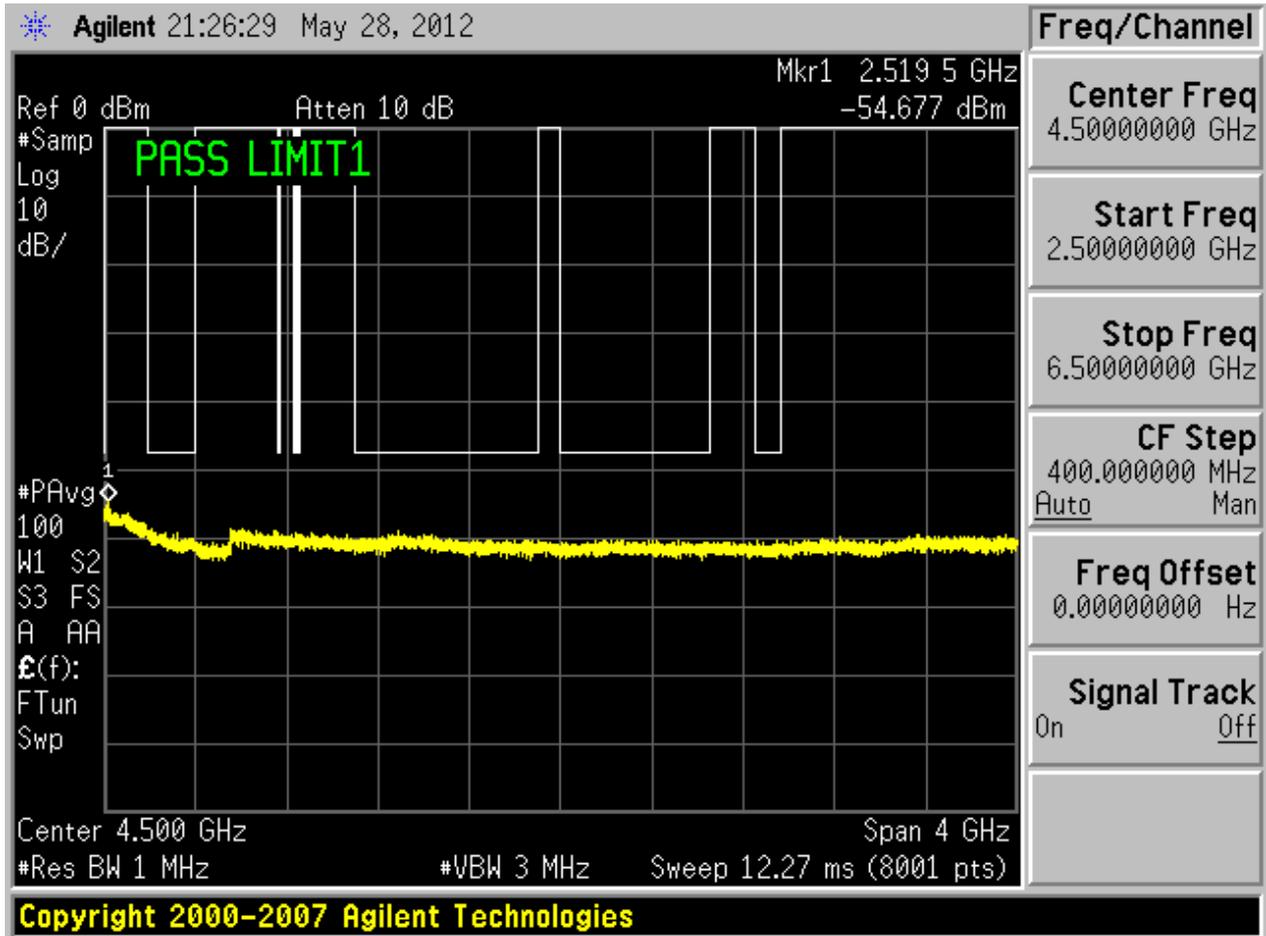


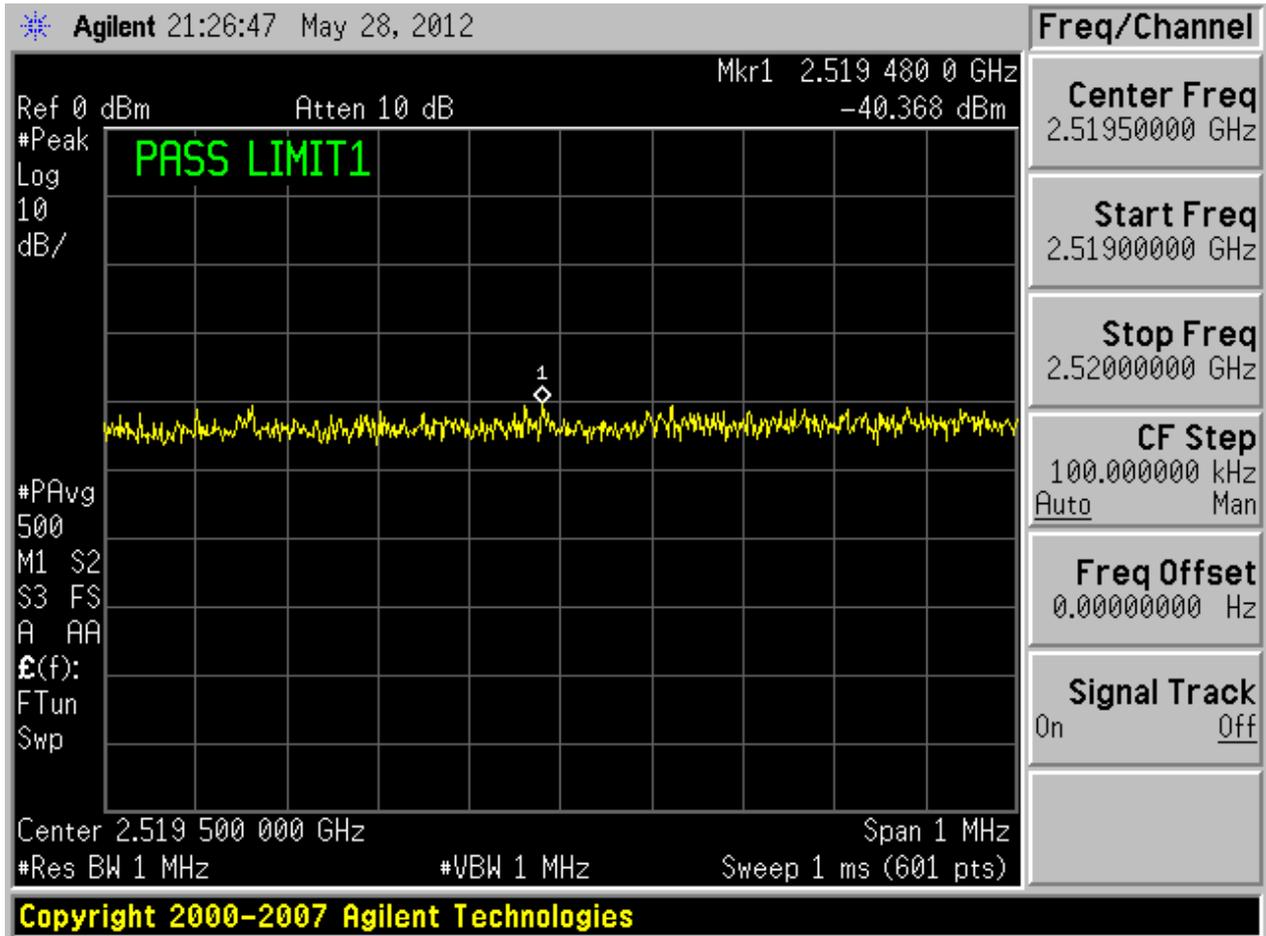


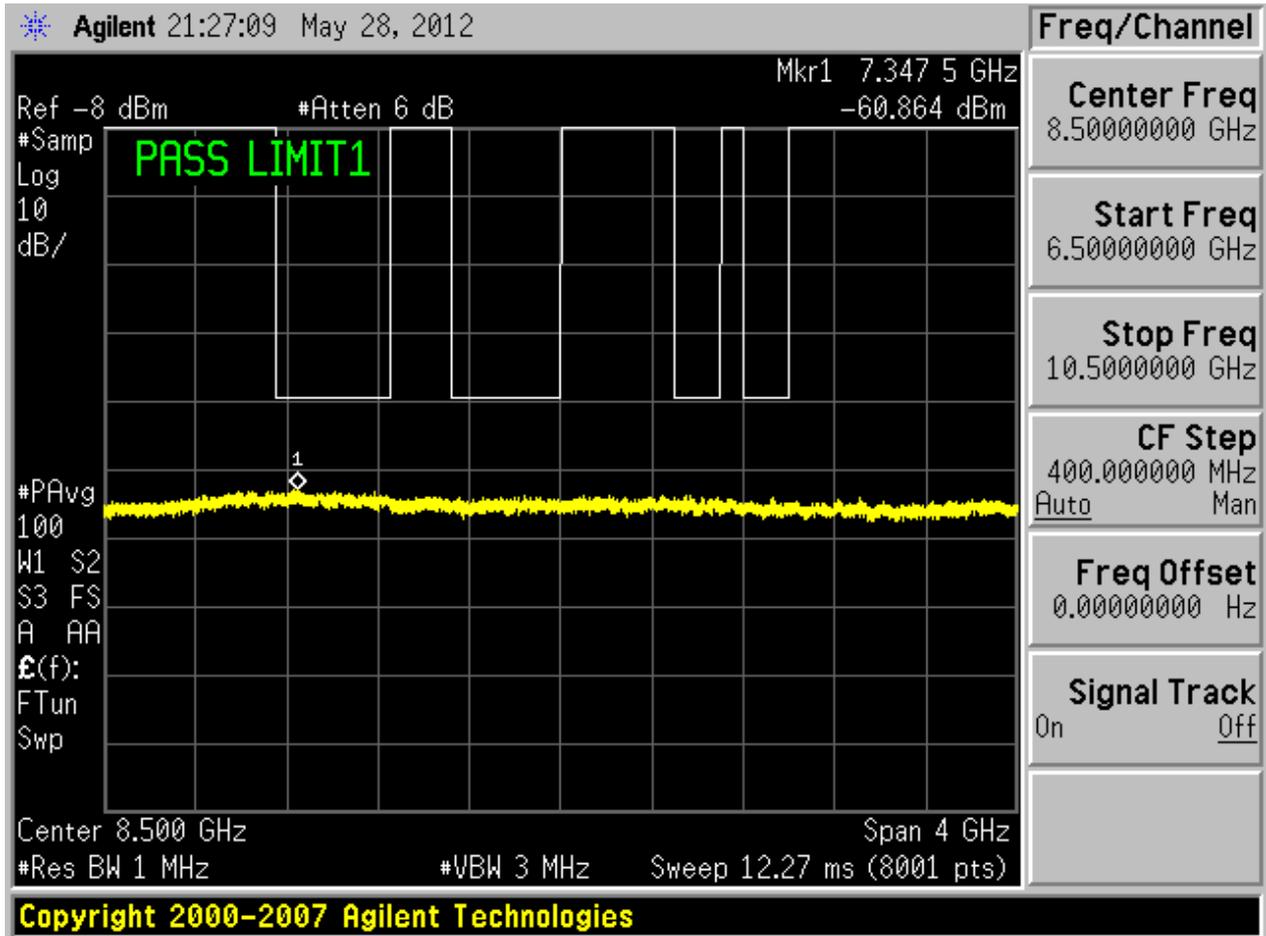


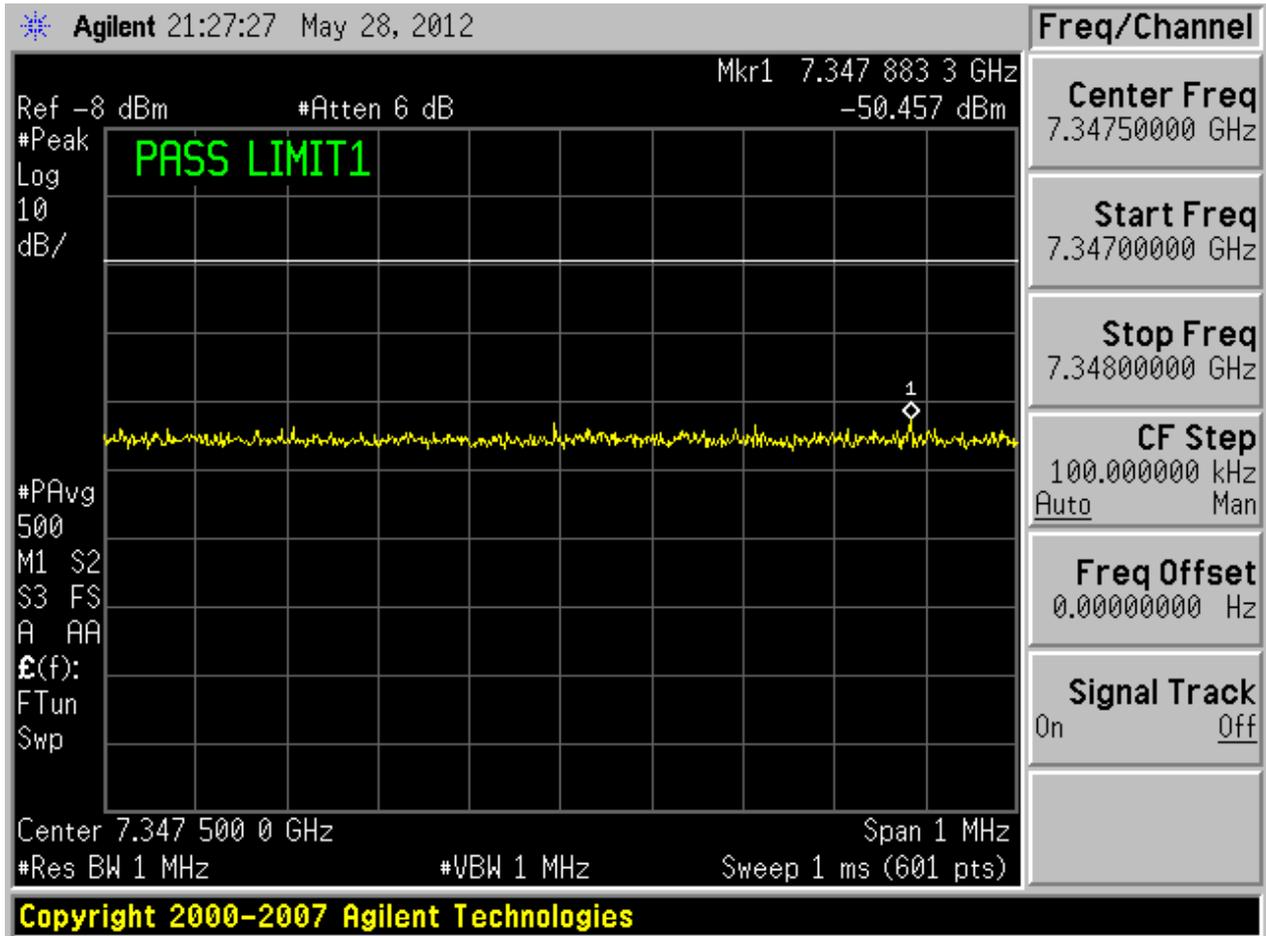


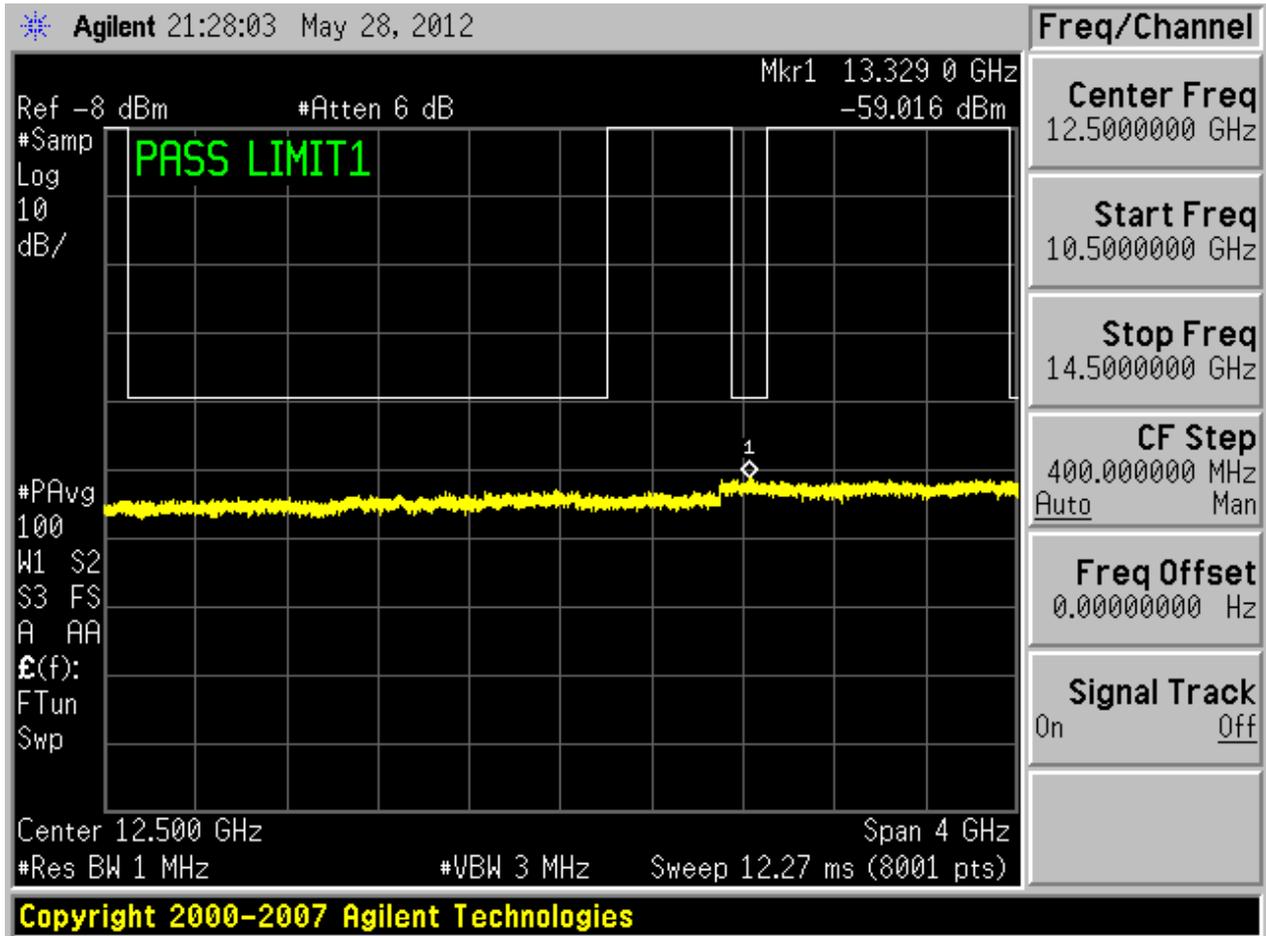


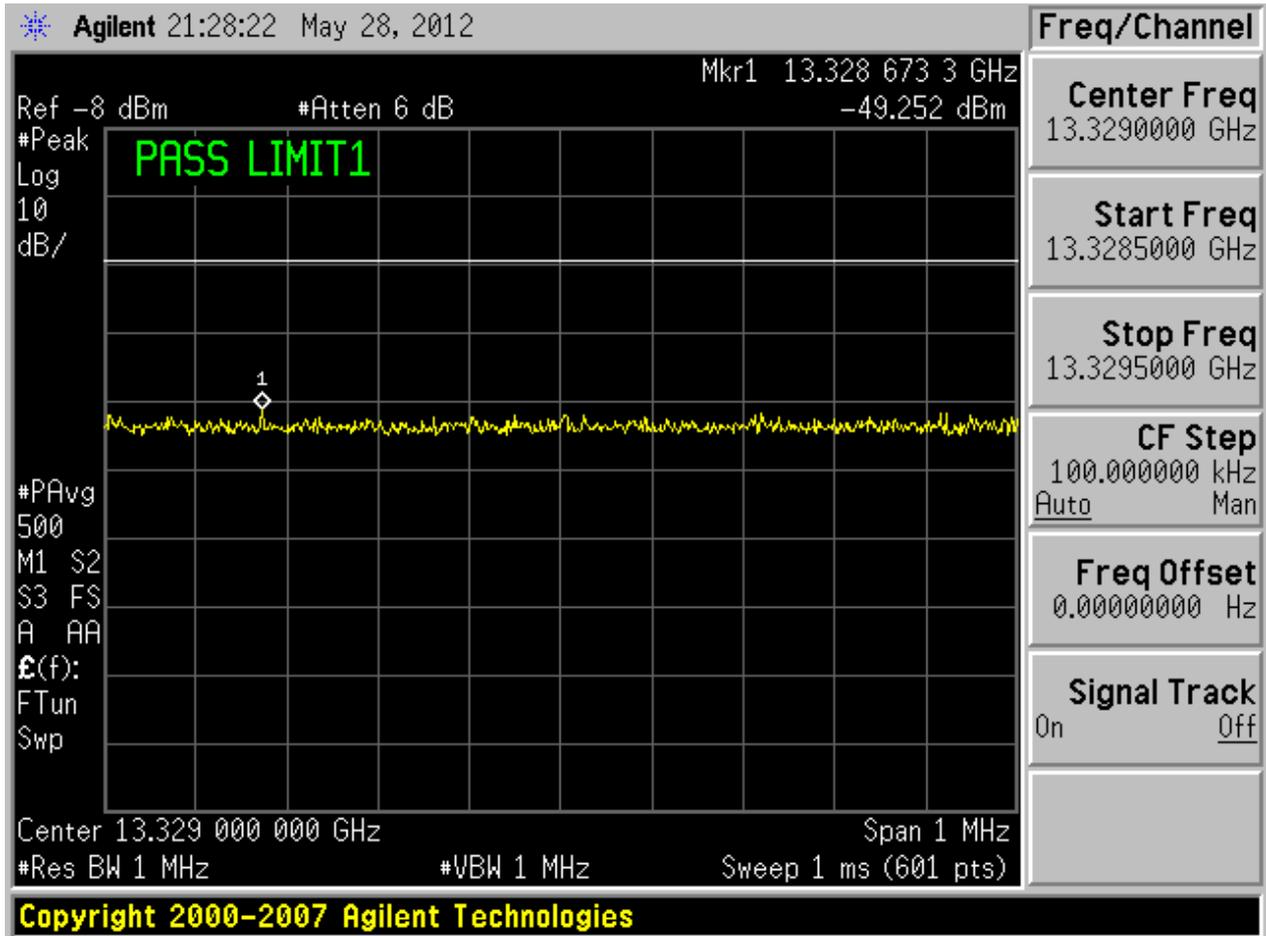


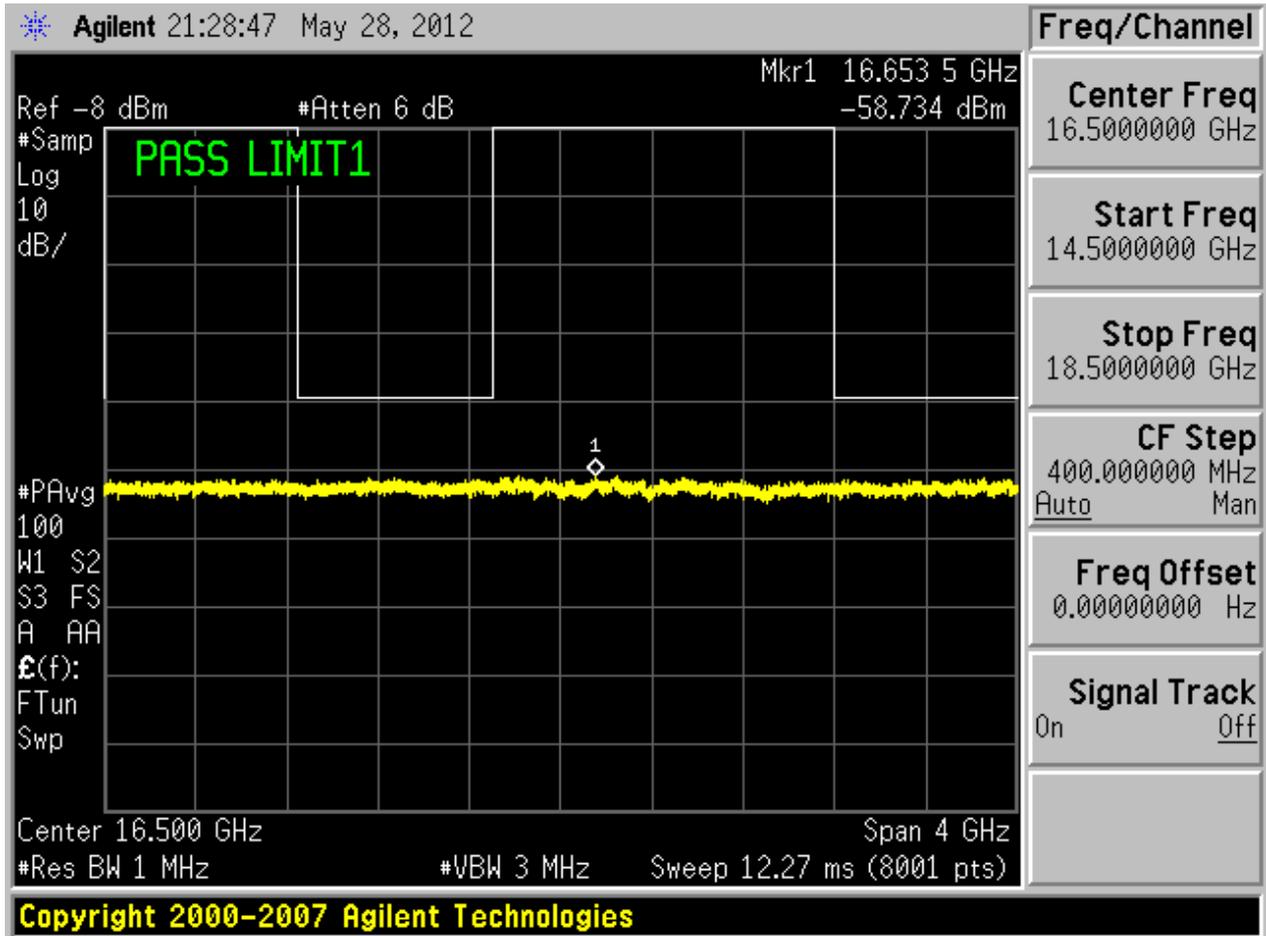


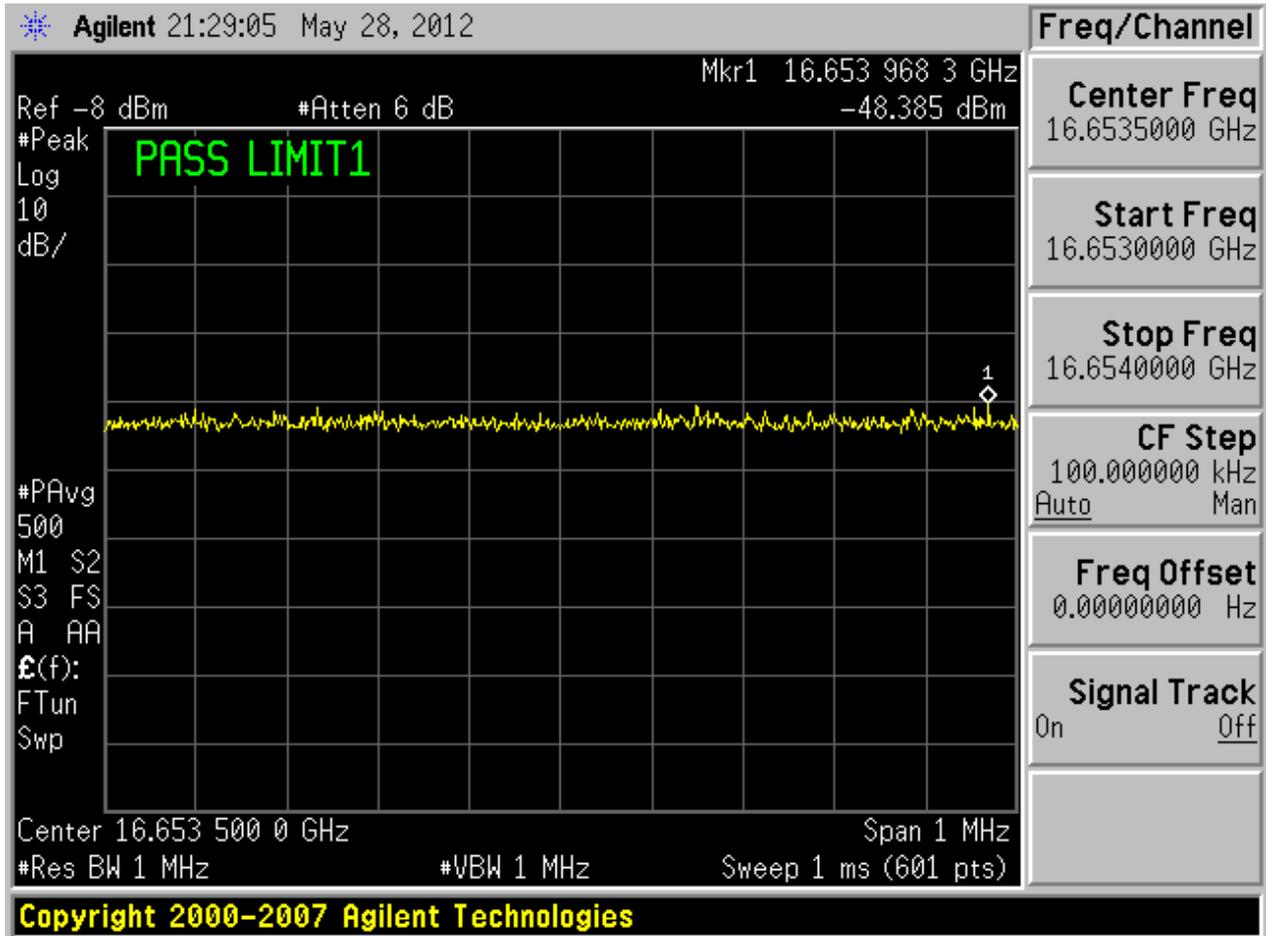


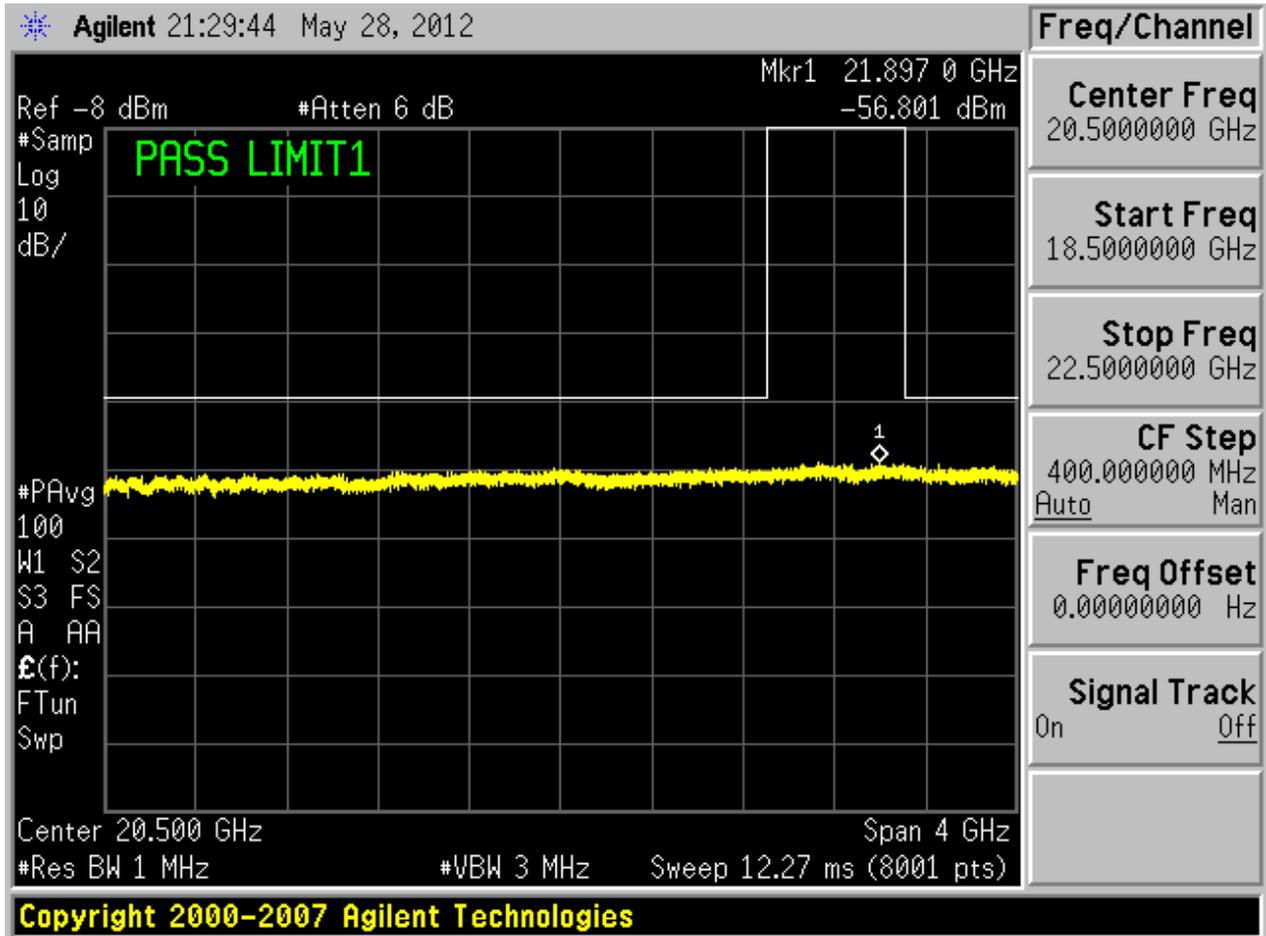


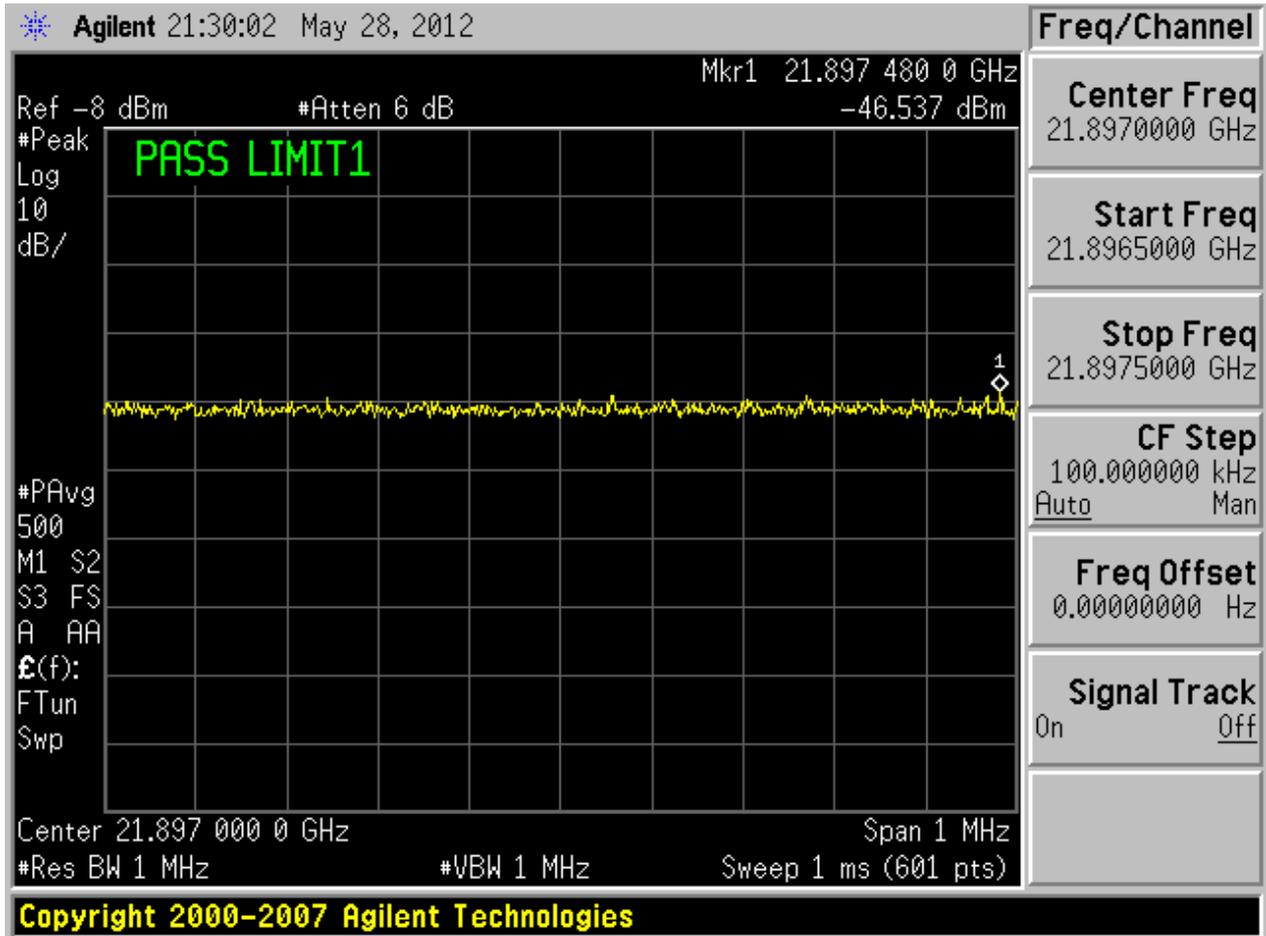


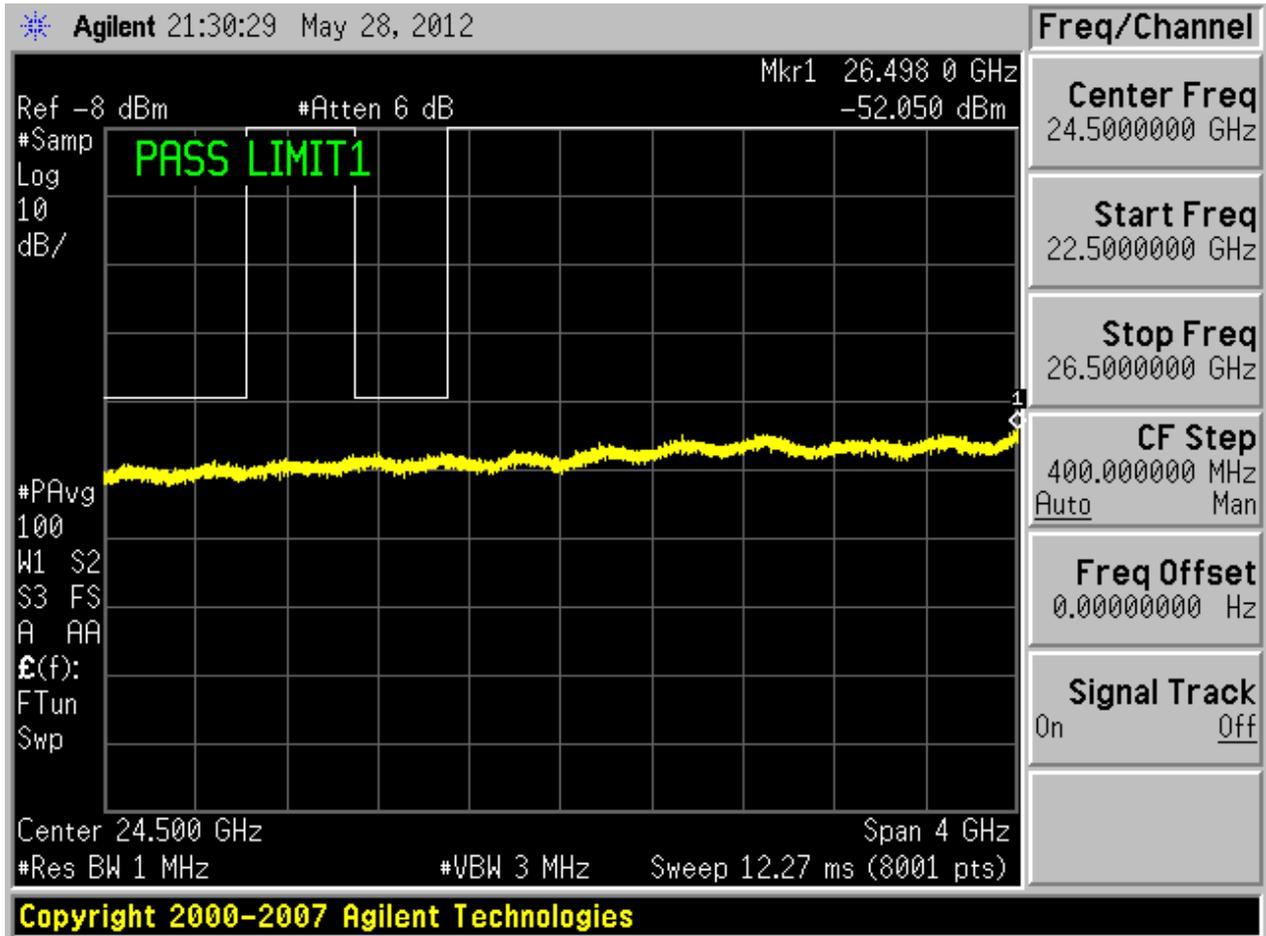


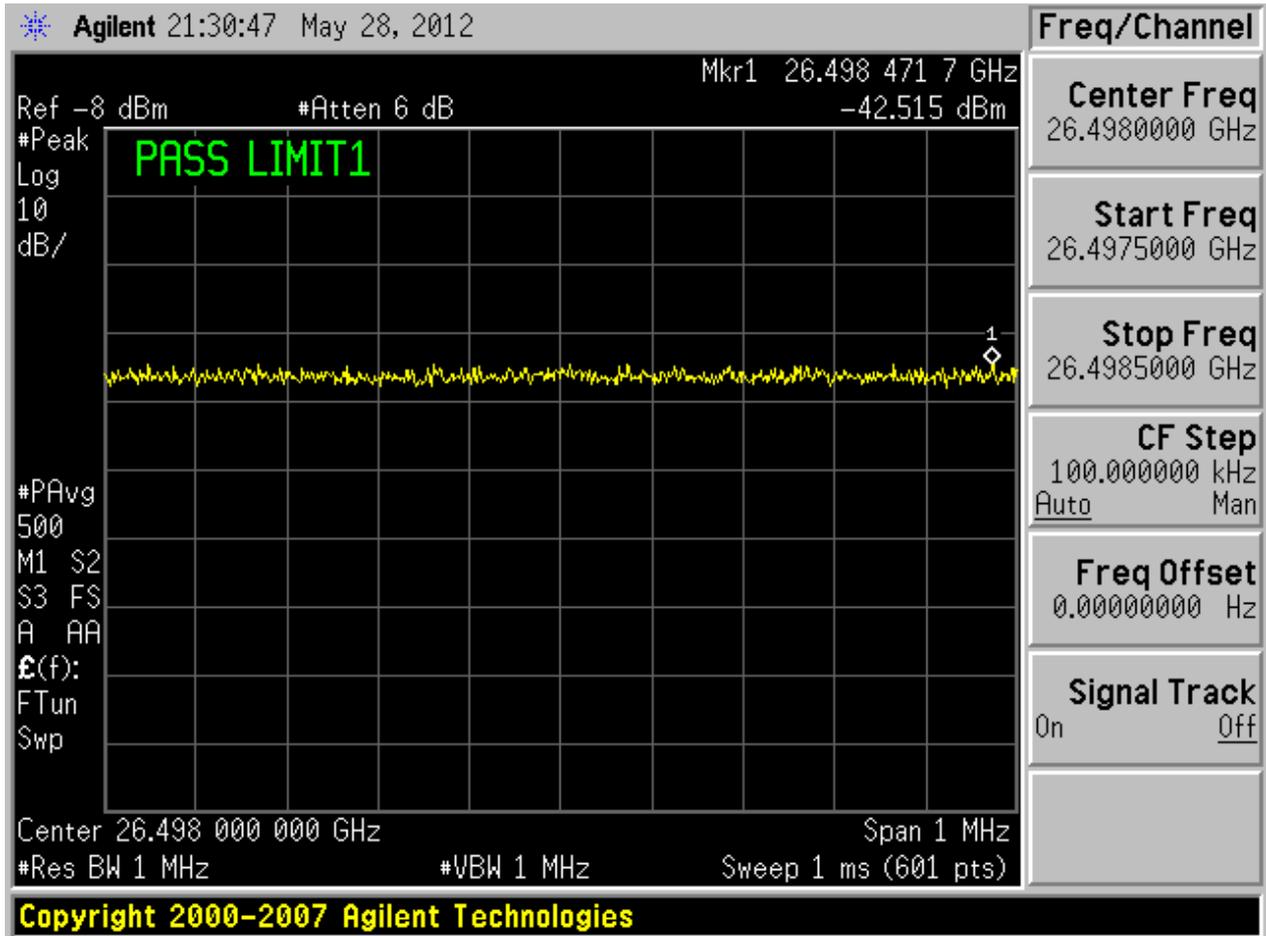




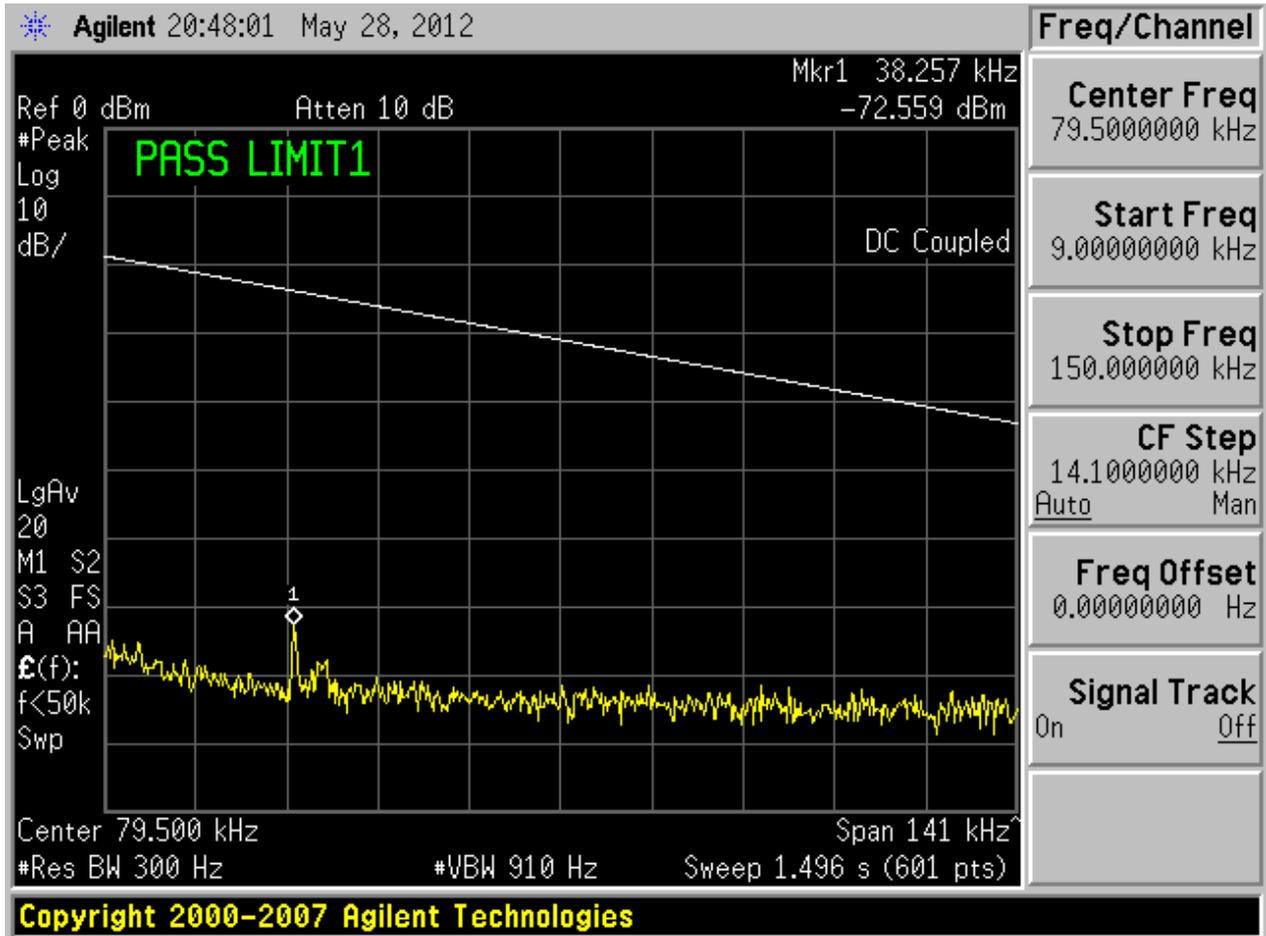




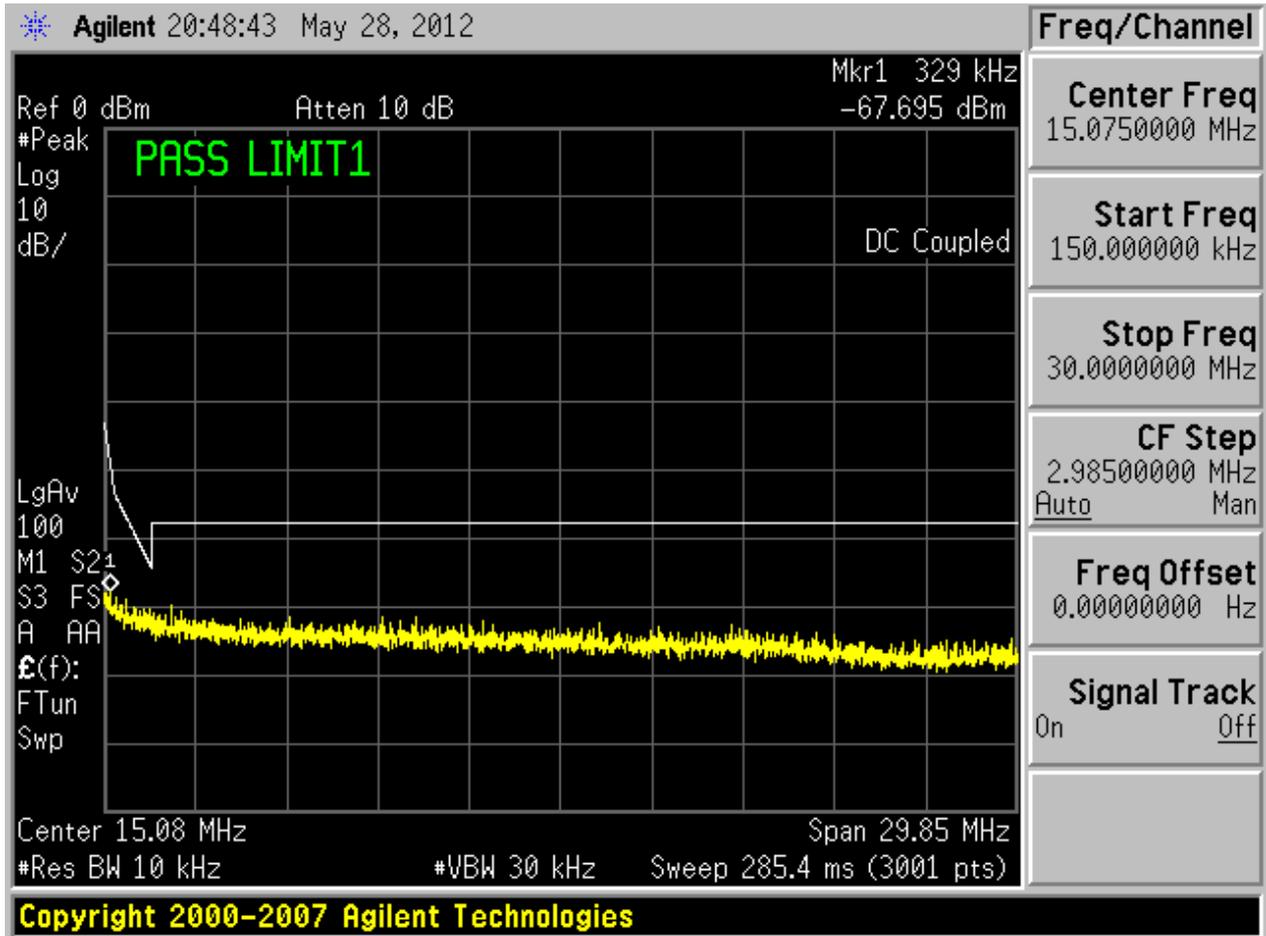


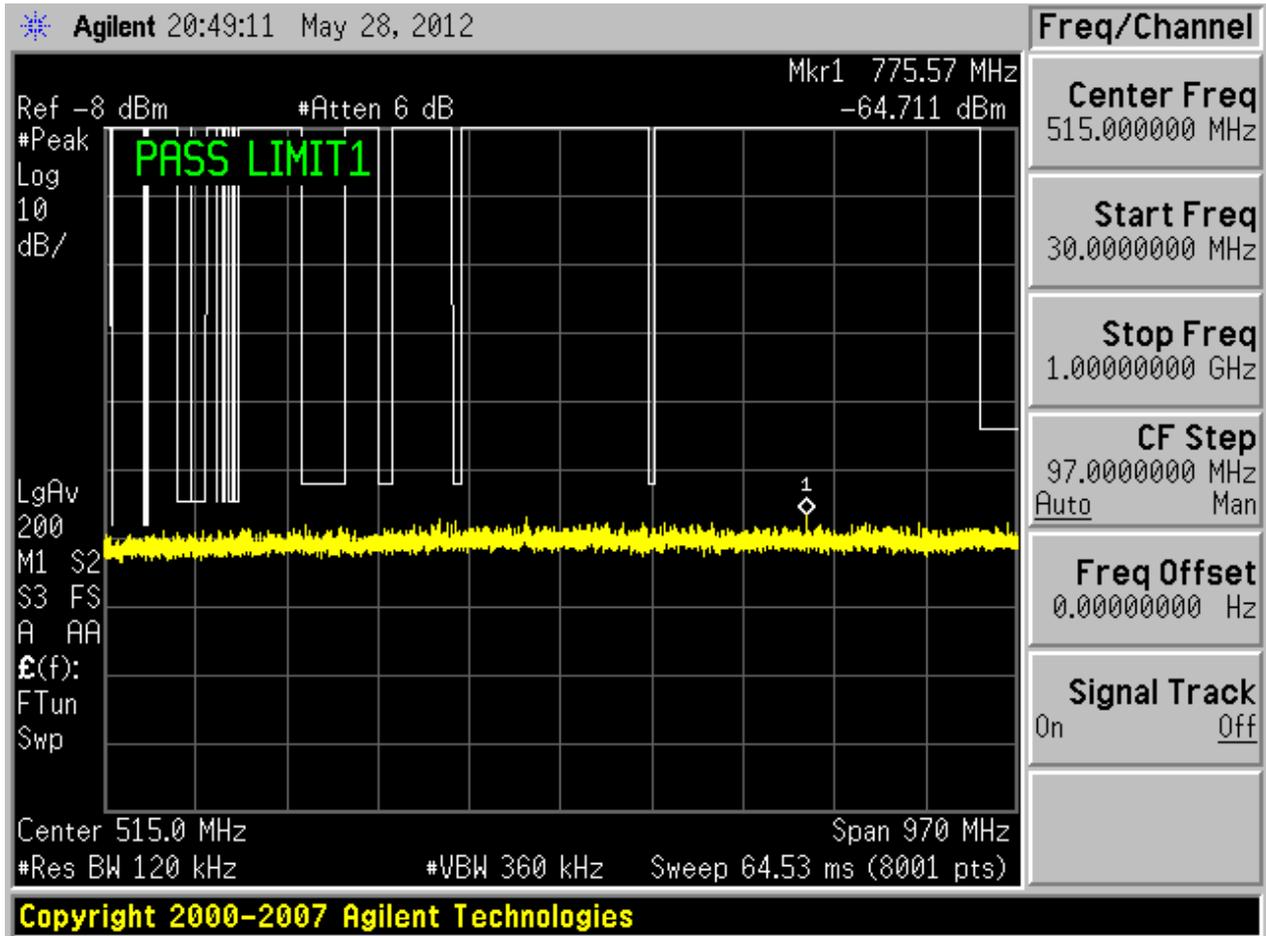


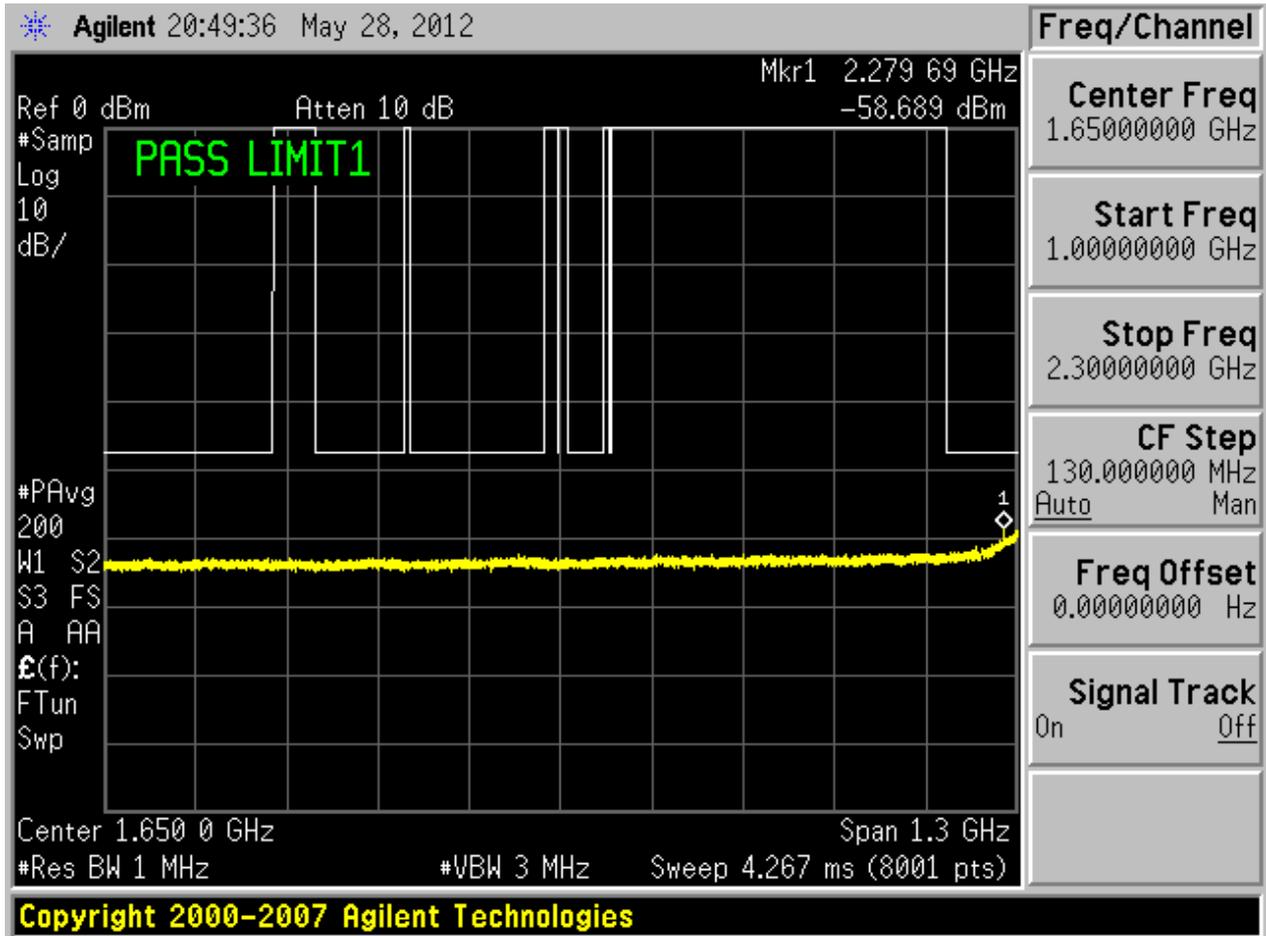
2.20.2 Ant 2

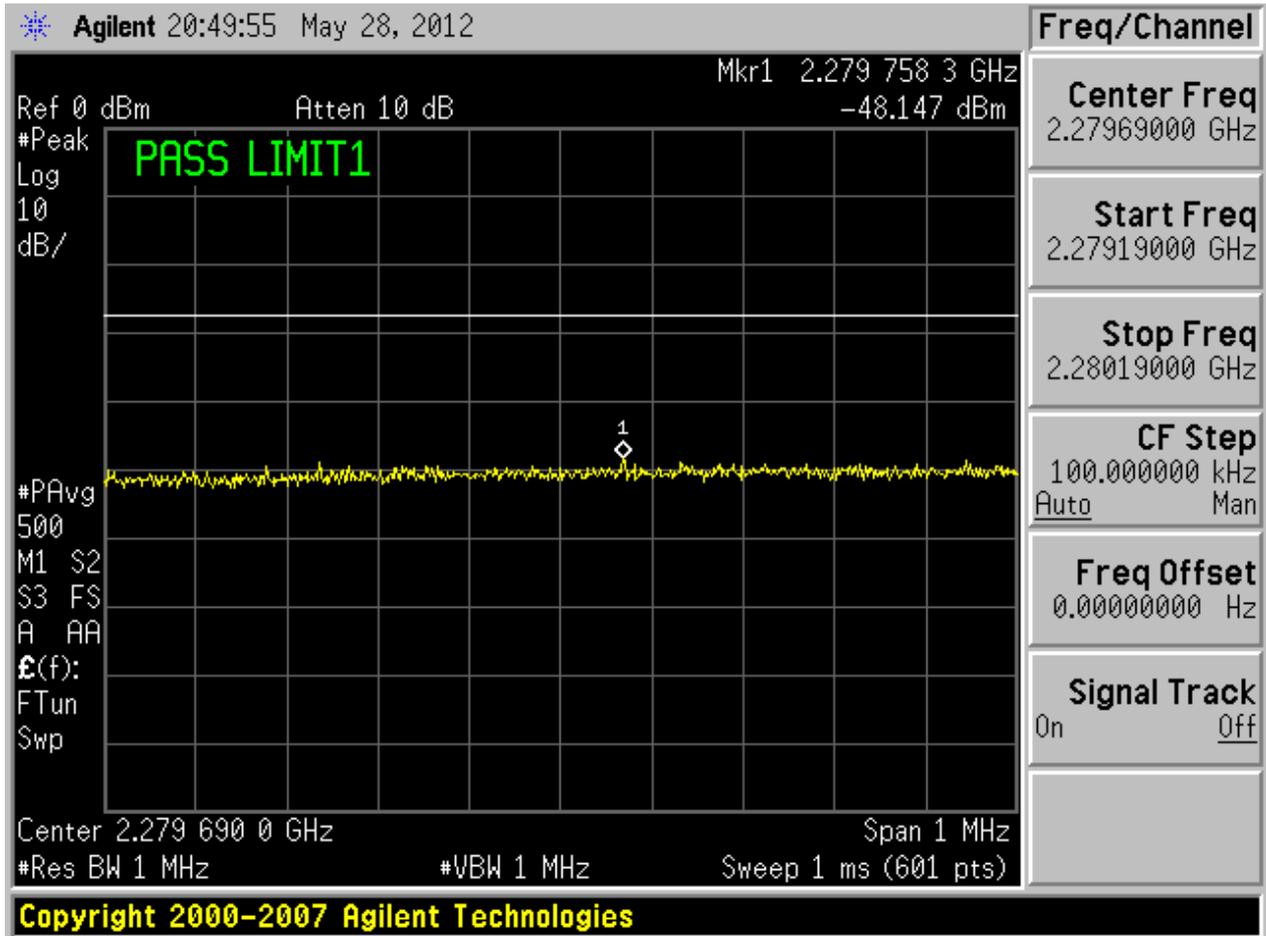


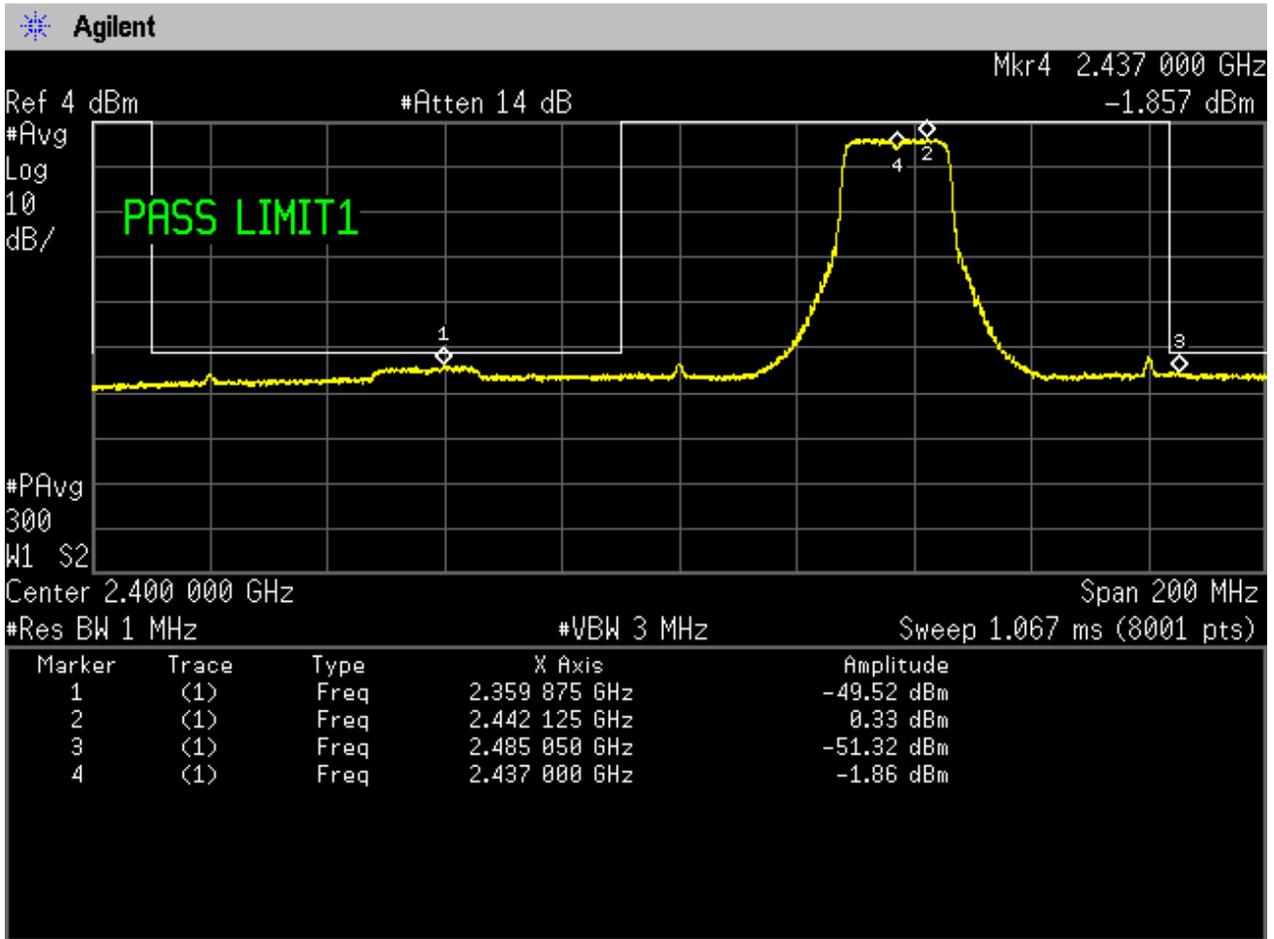
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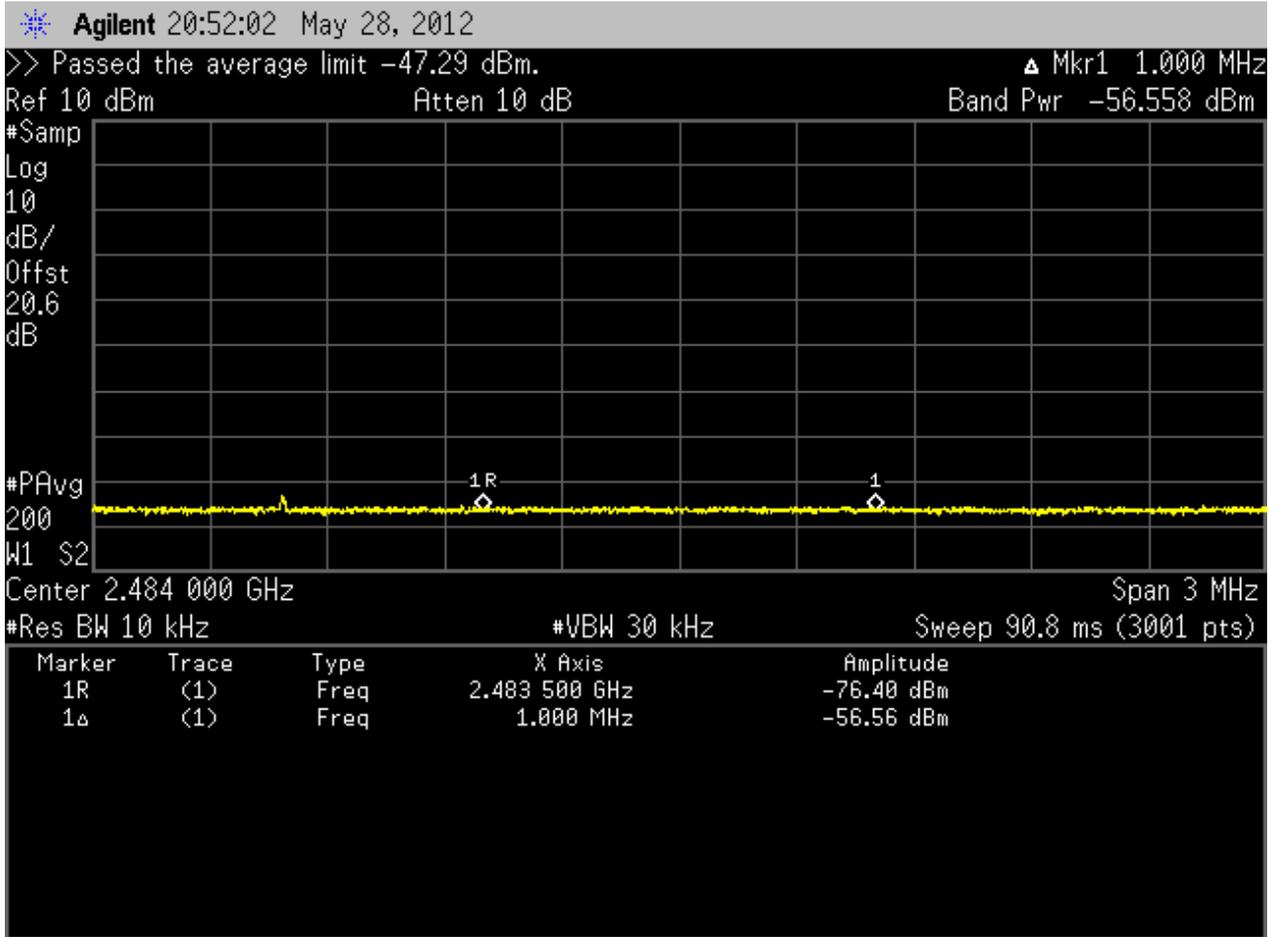


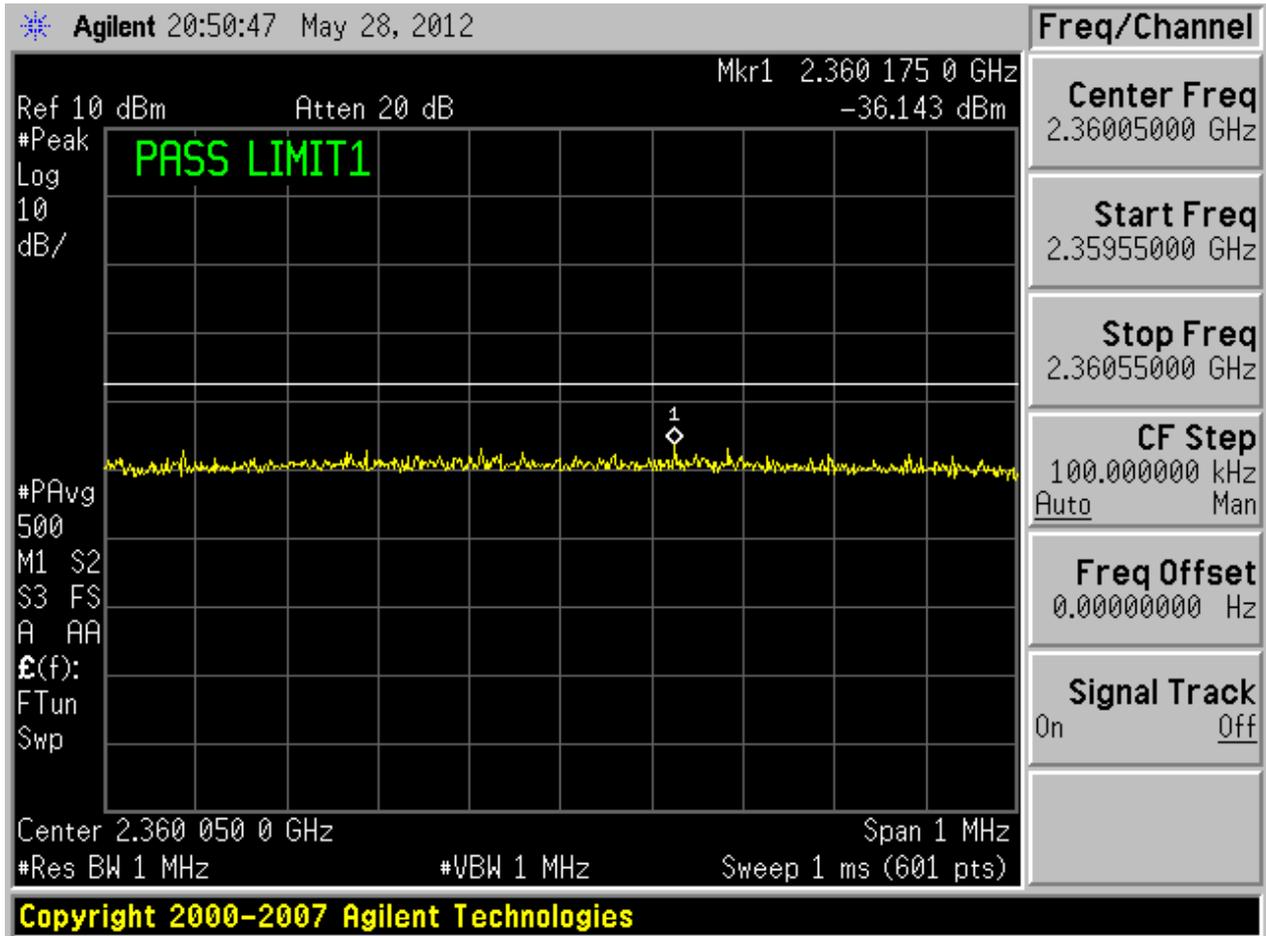


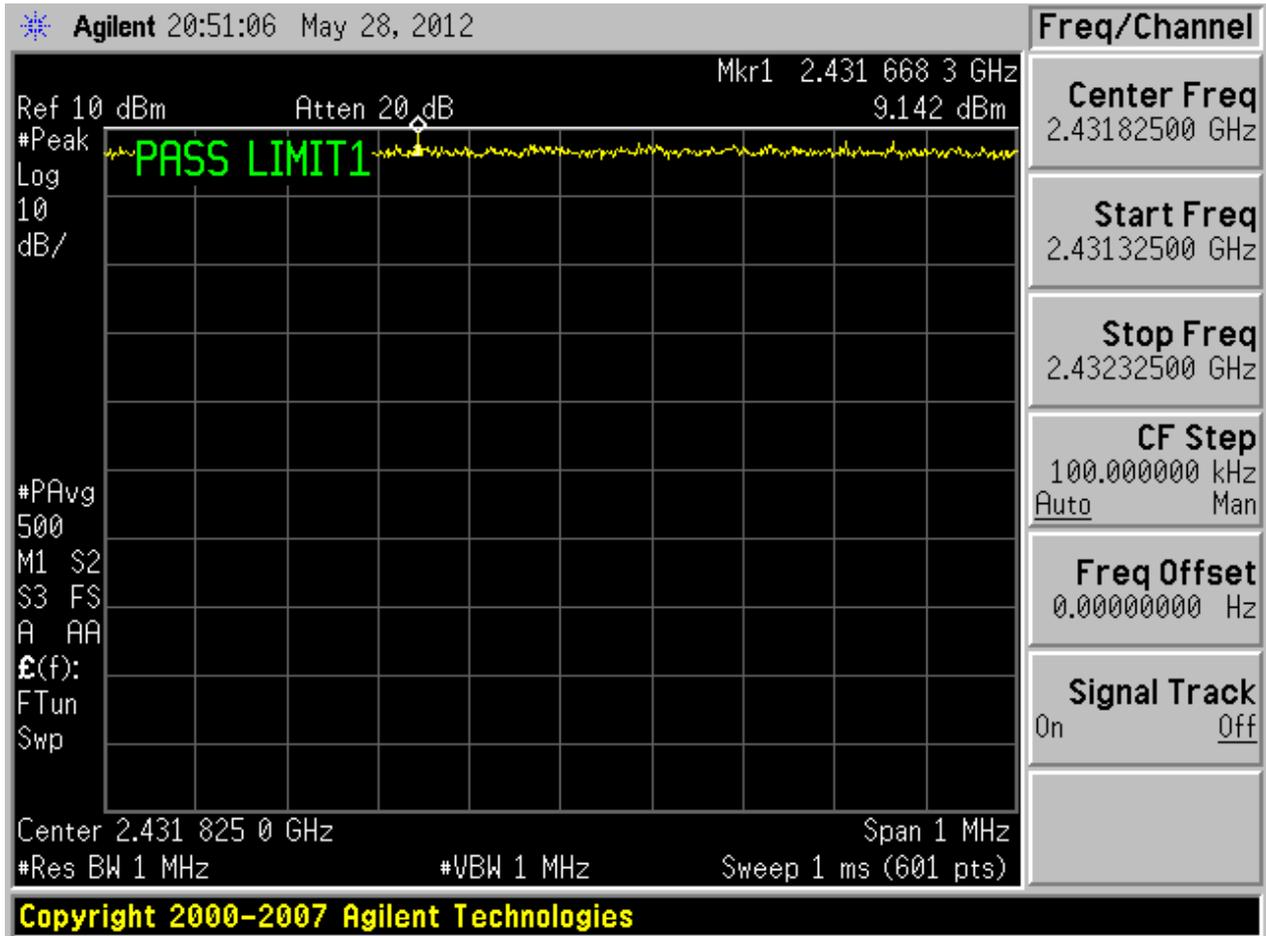


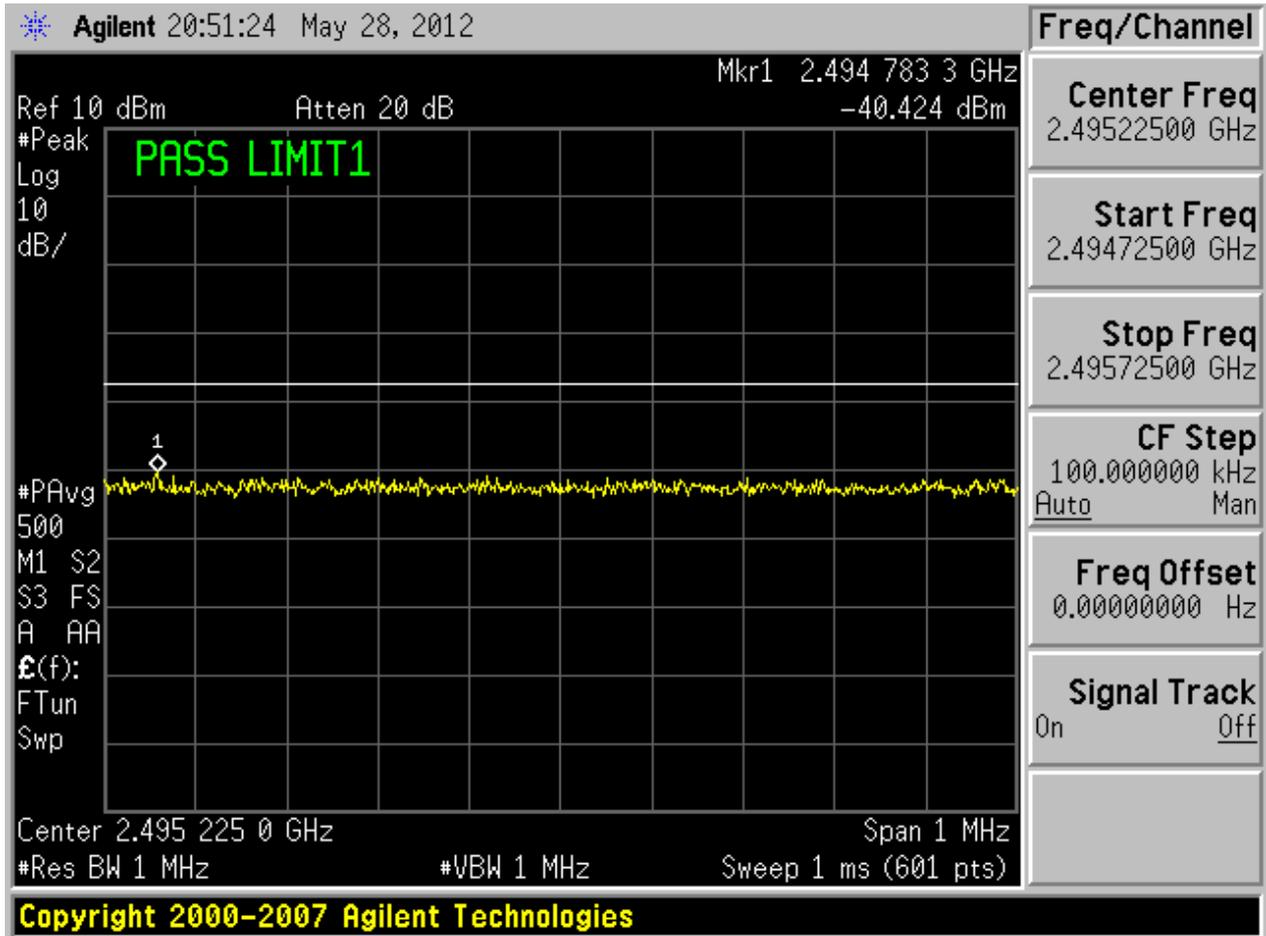


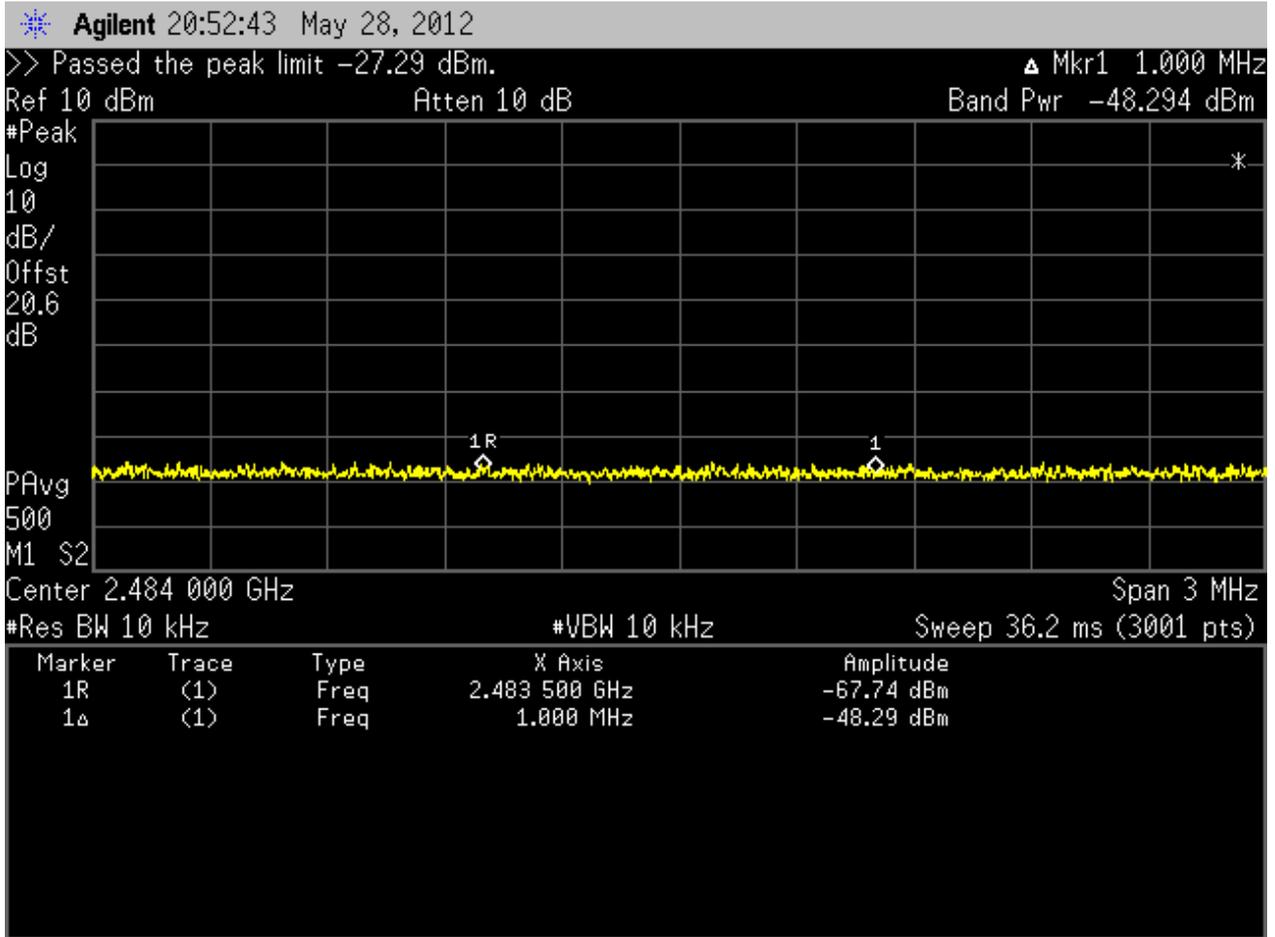


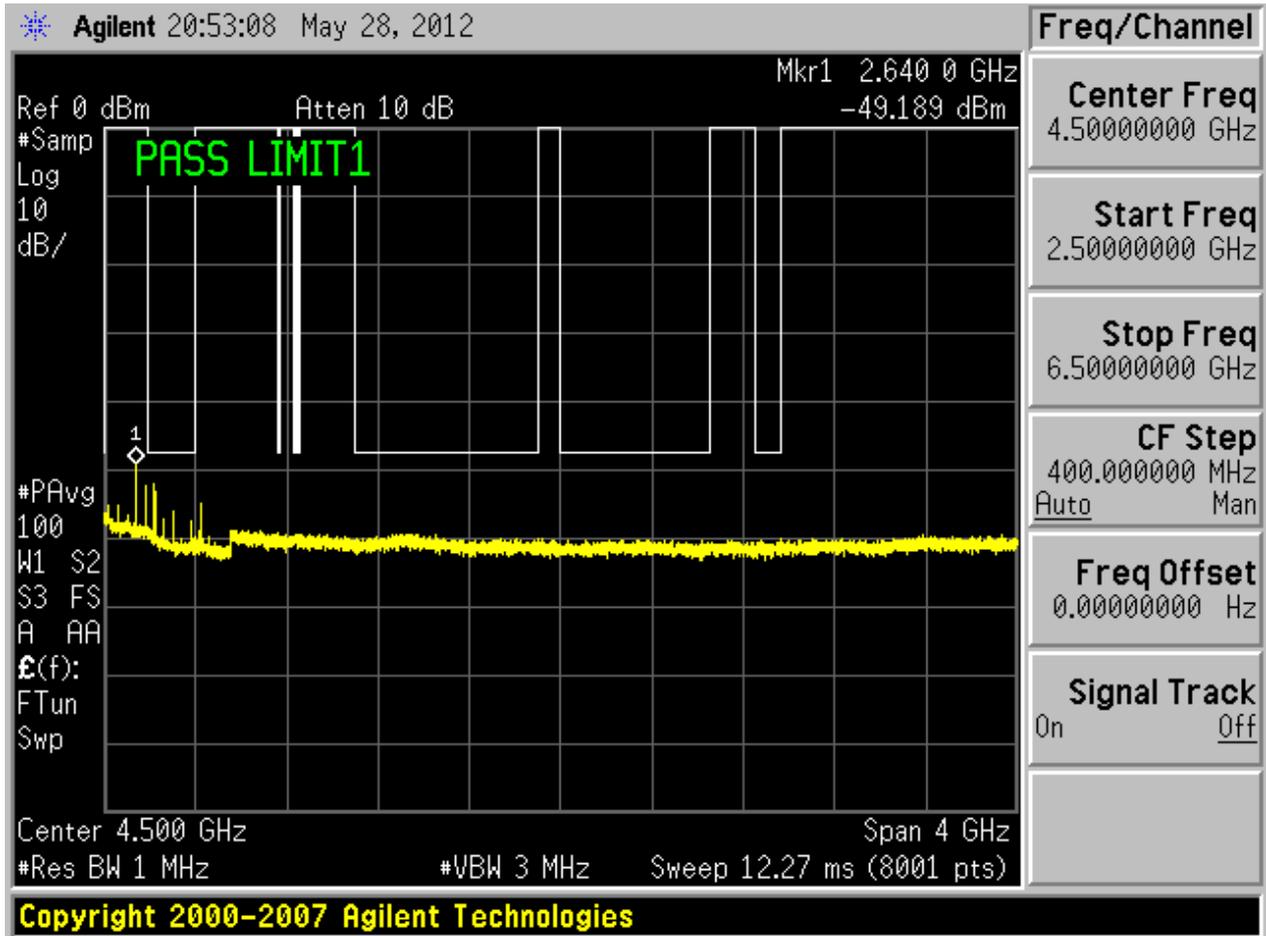


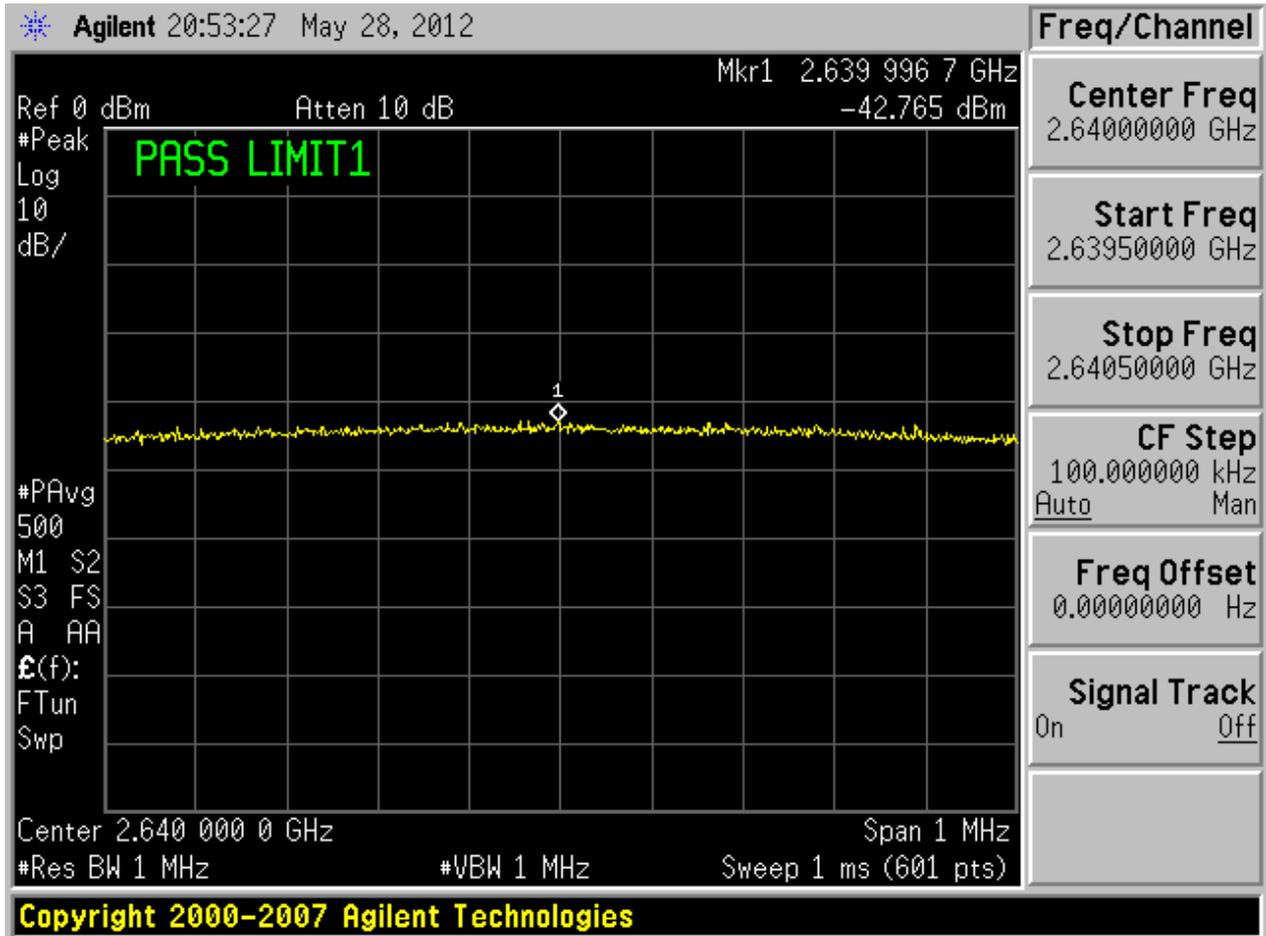


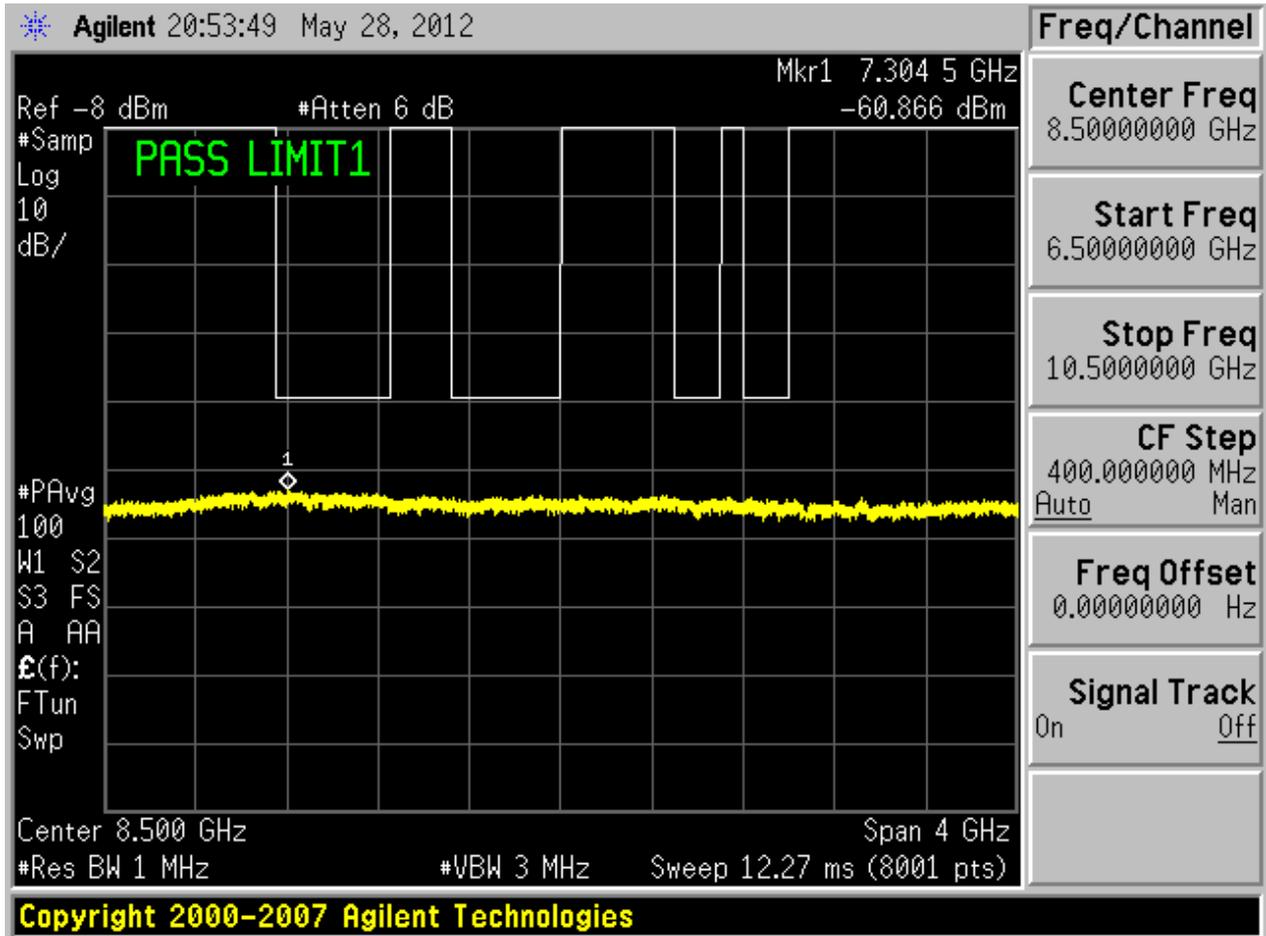


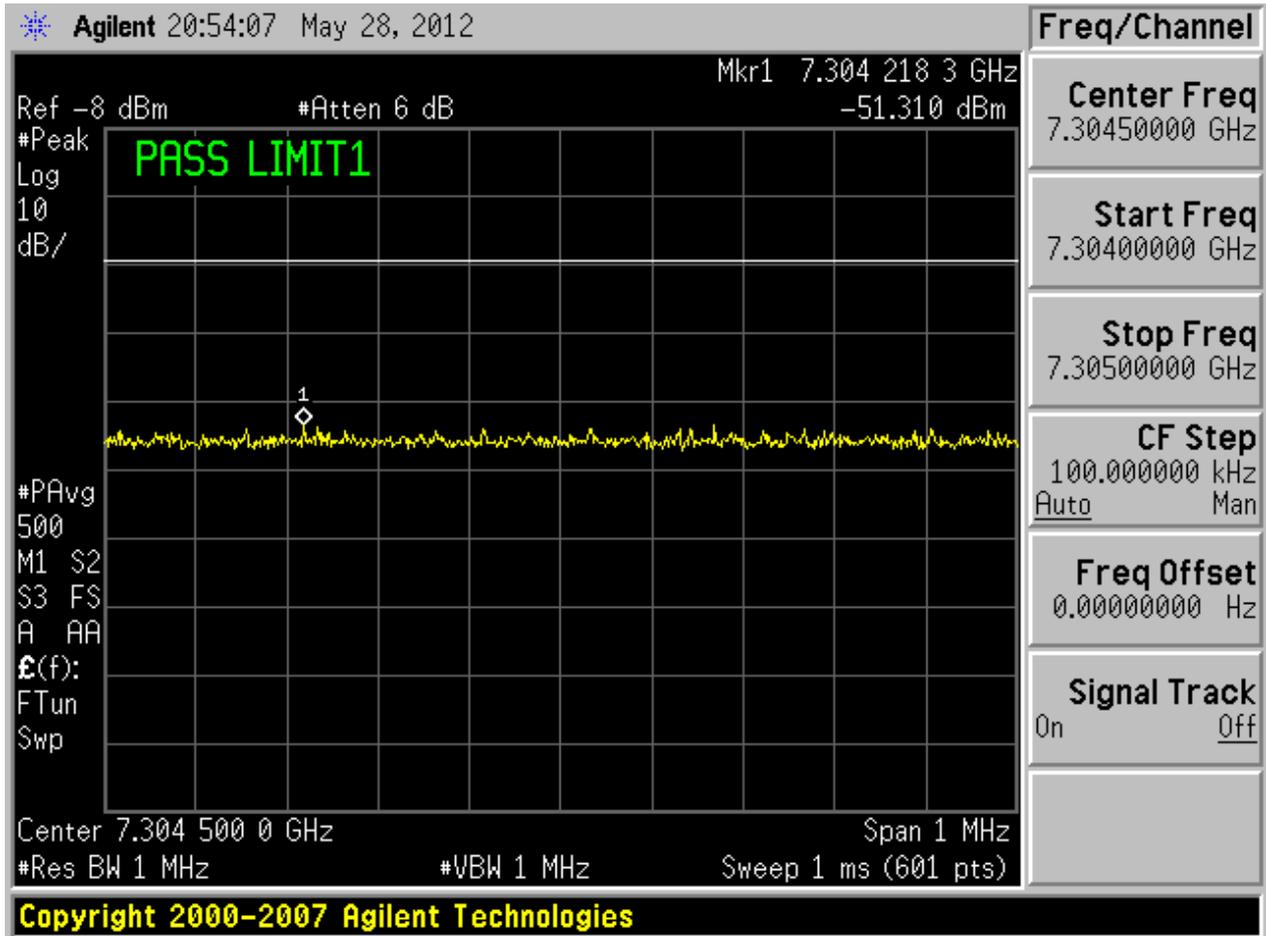


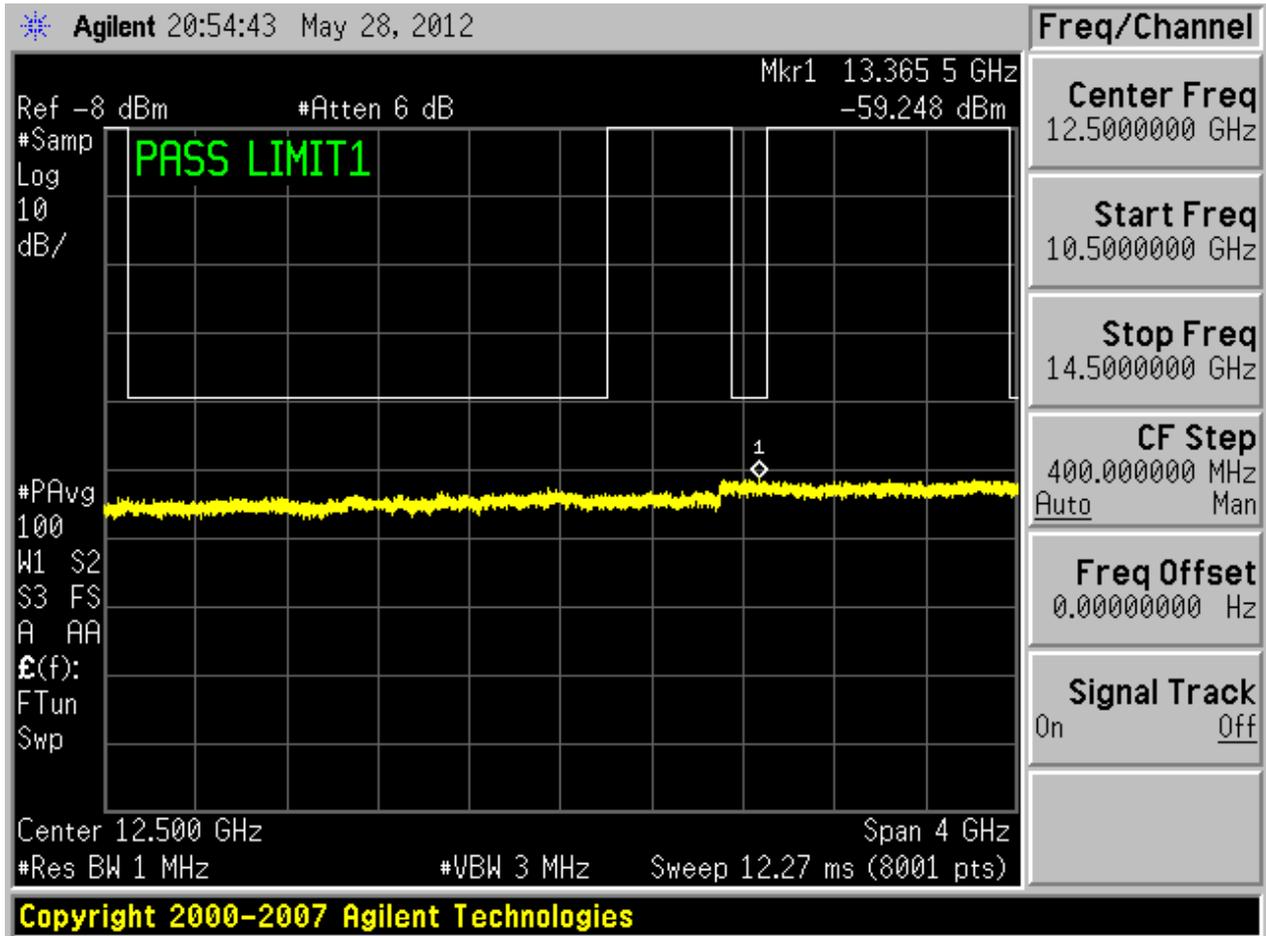


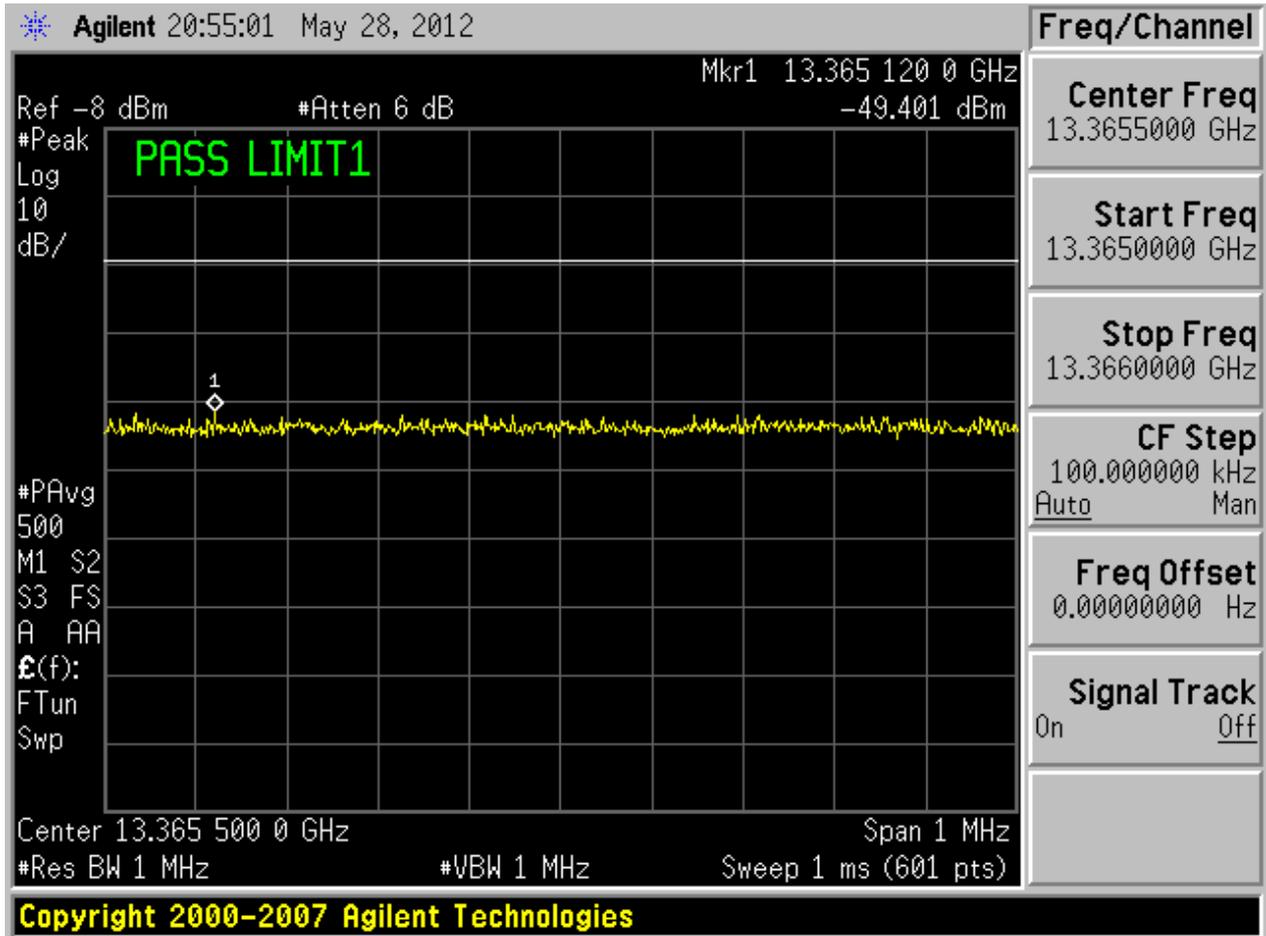


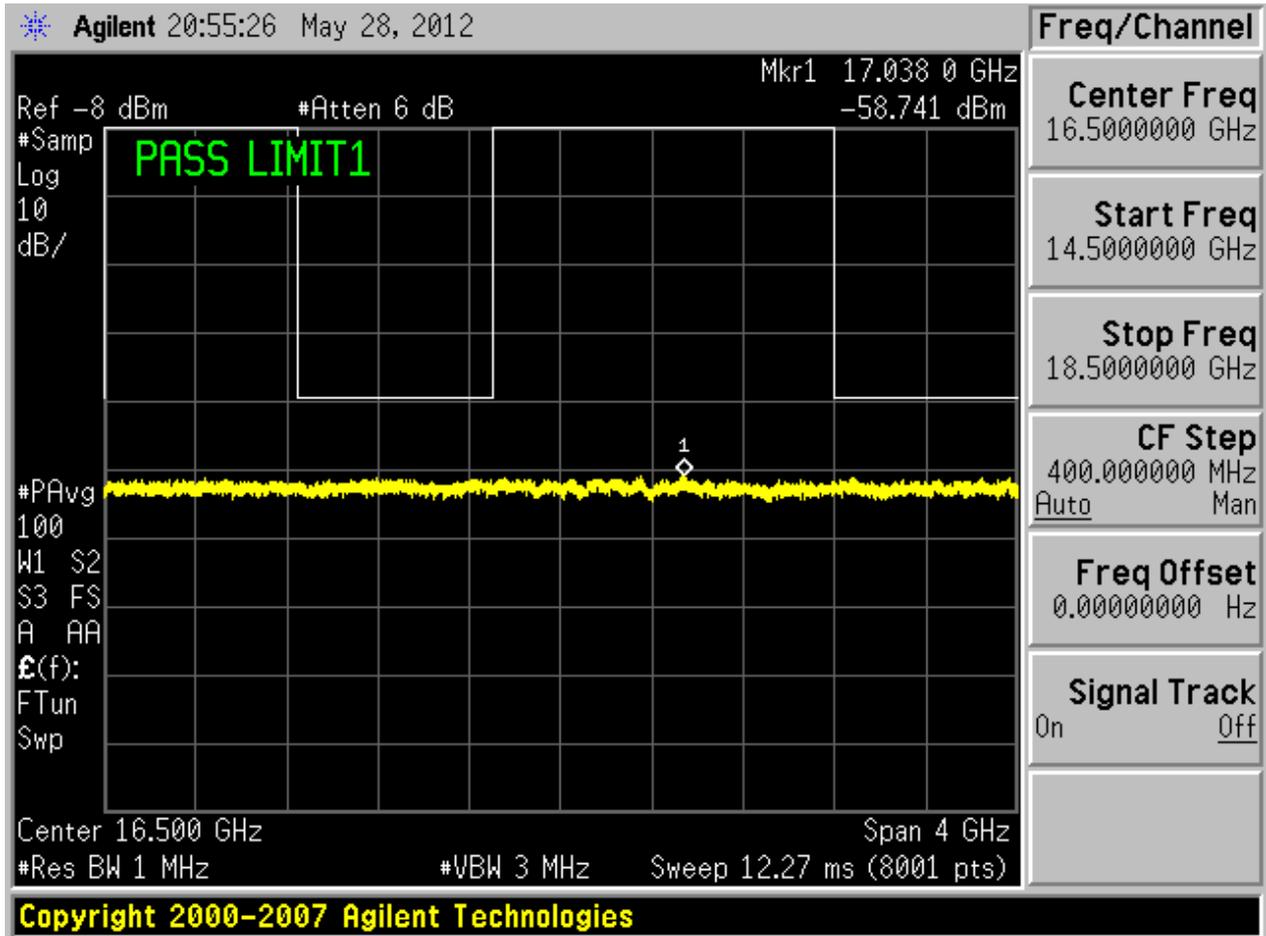


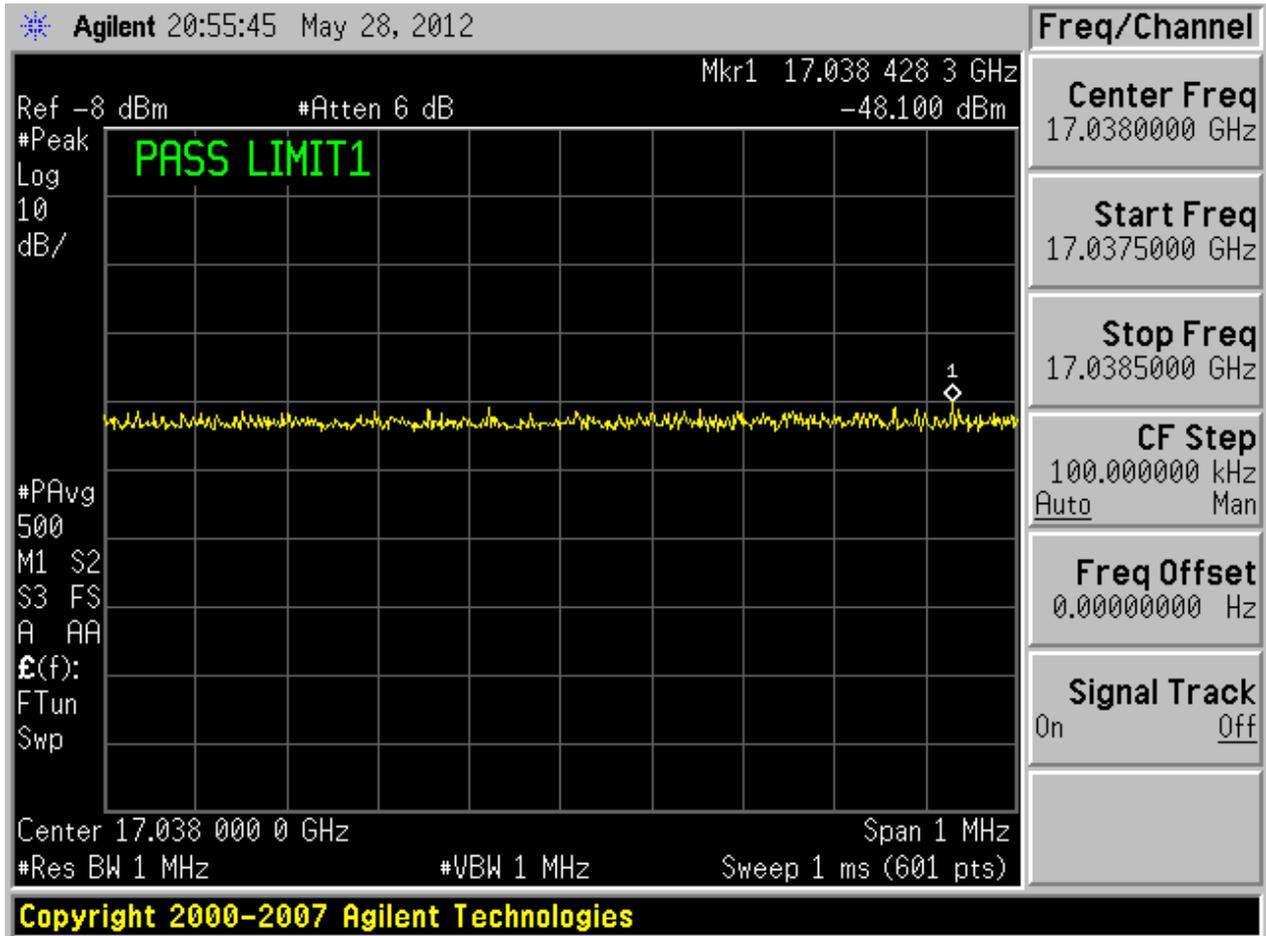


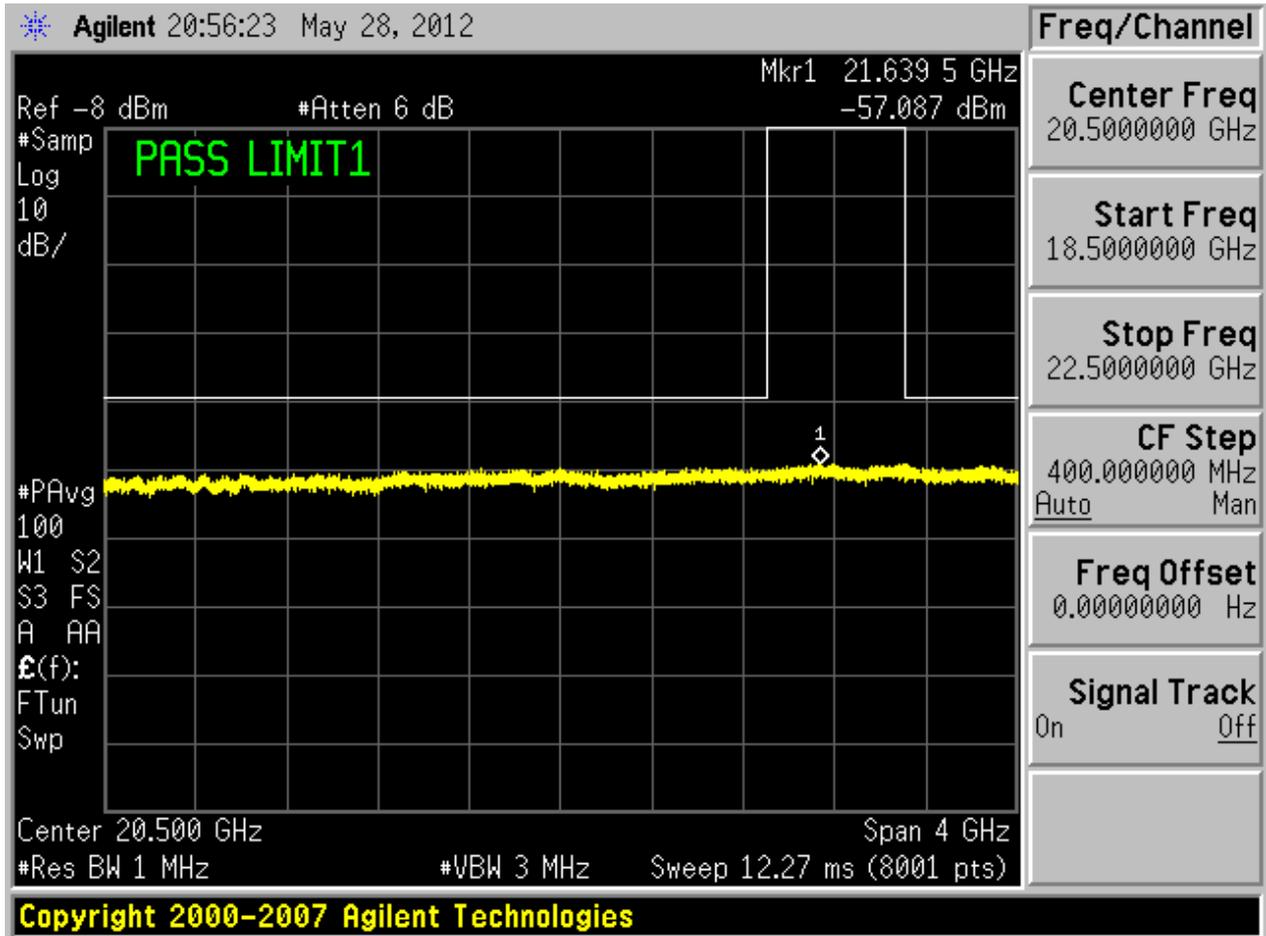


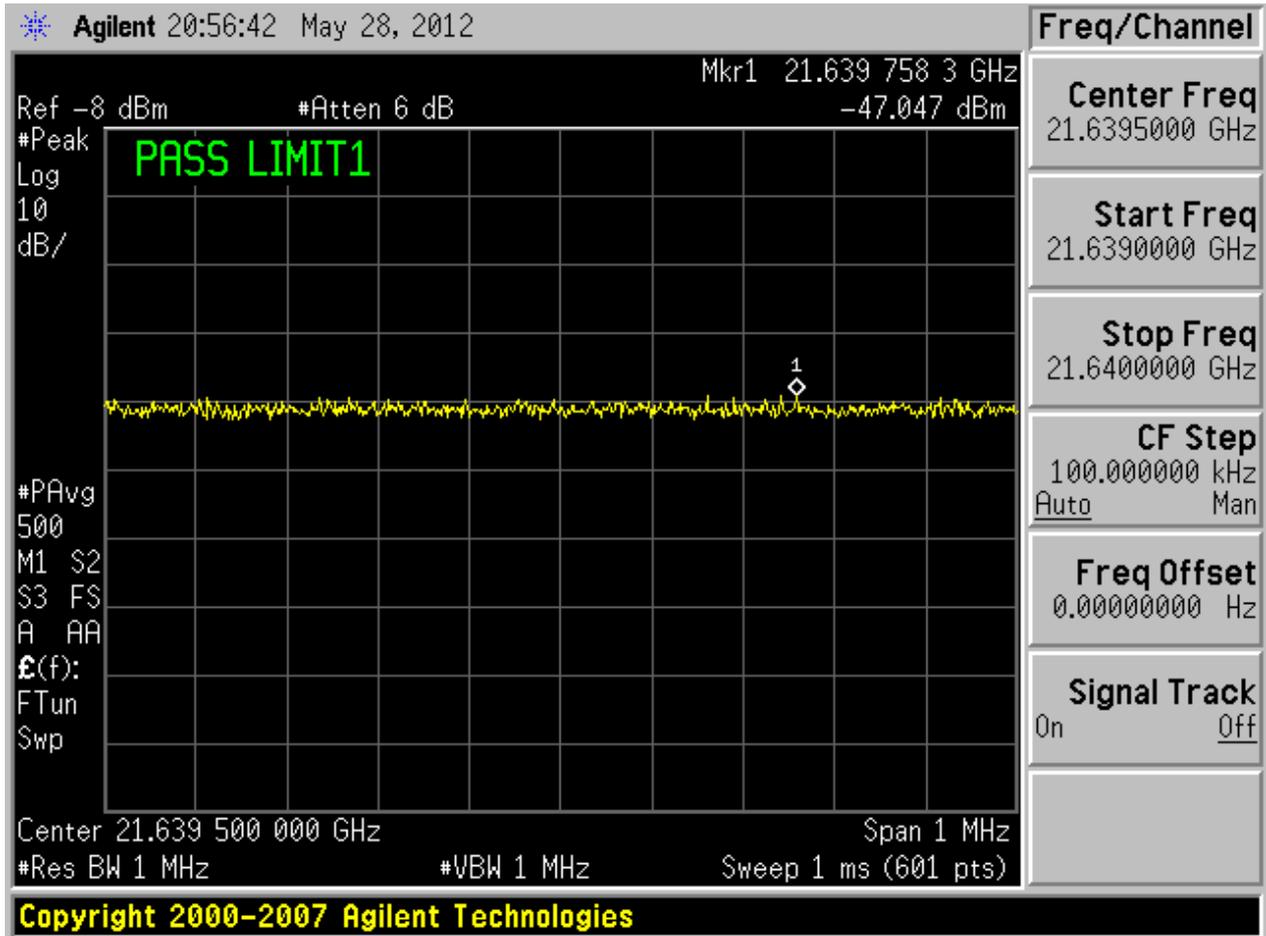


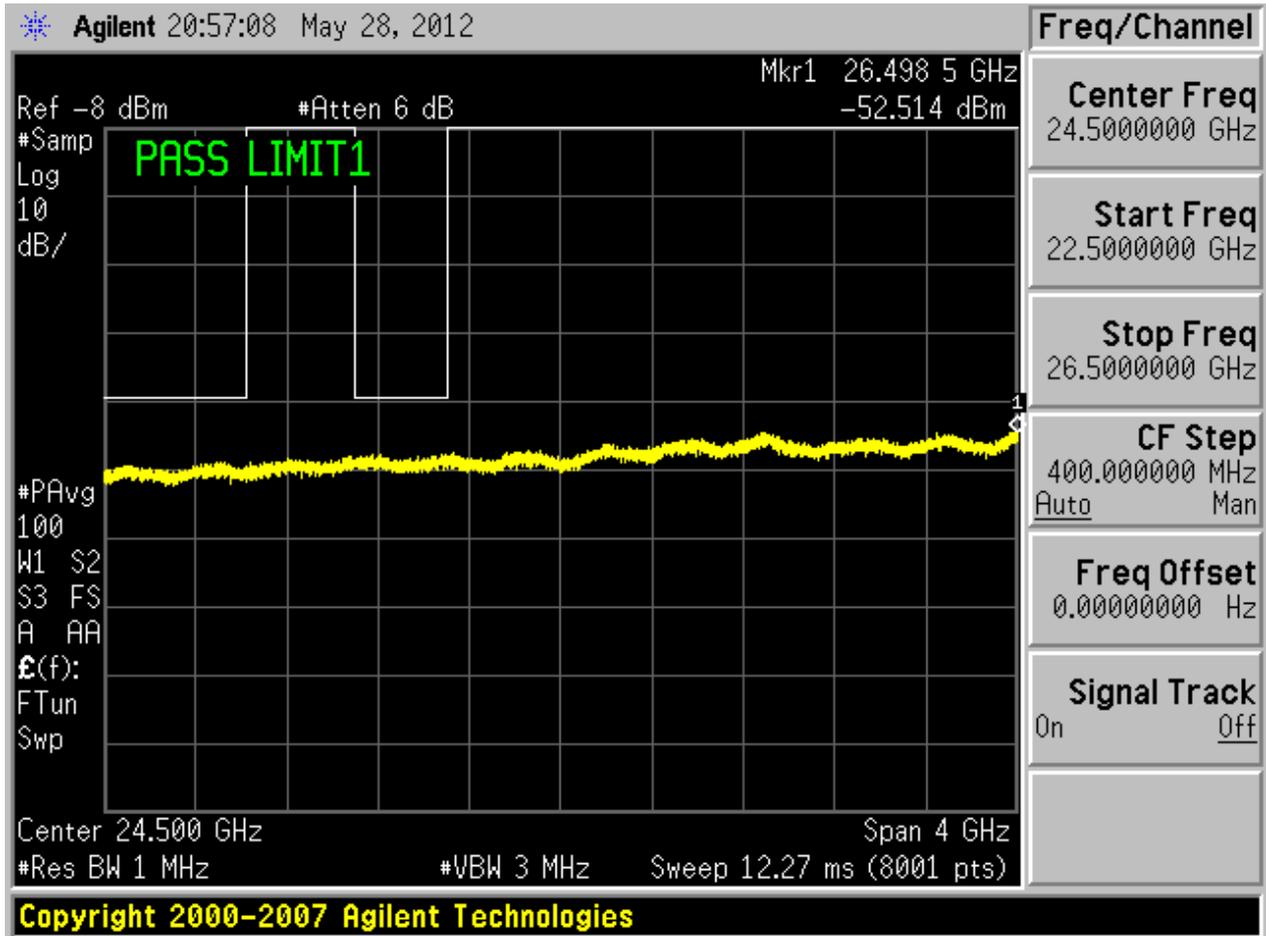


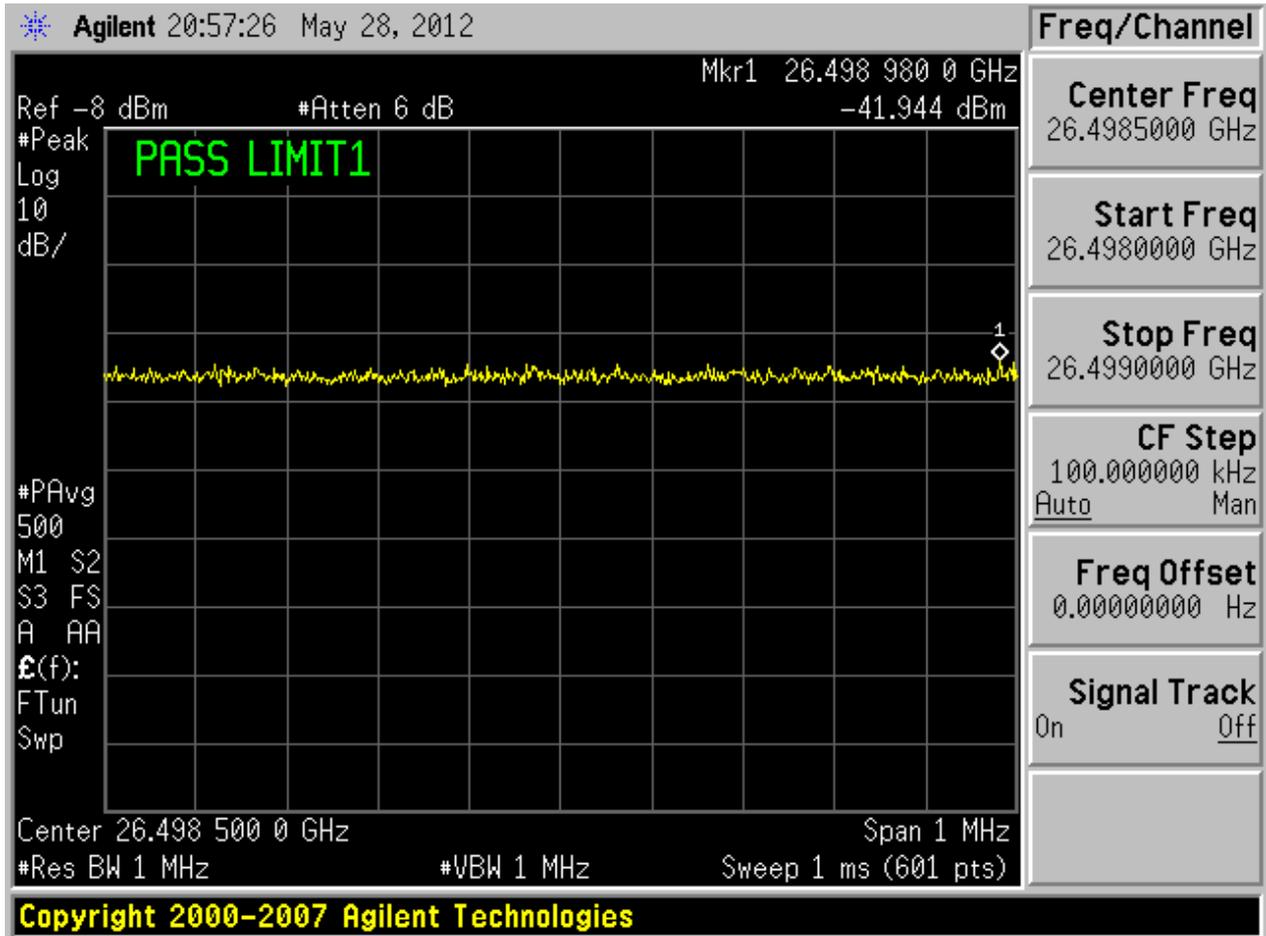










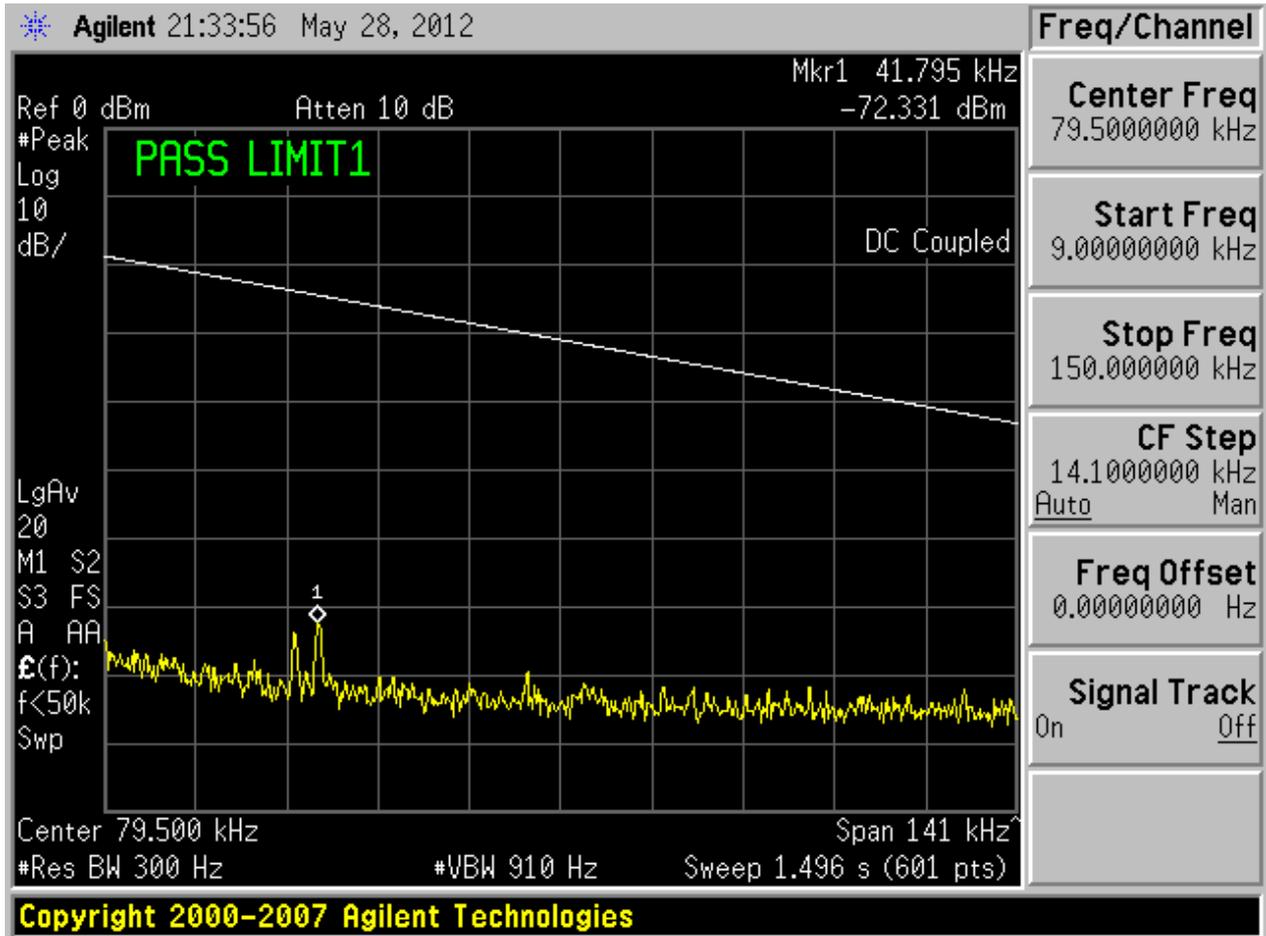


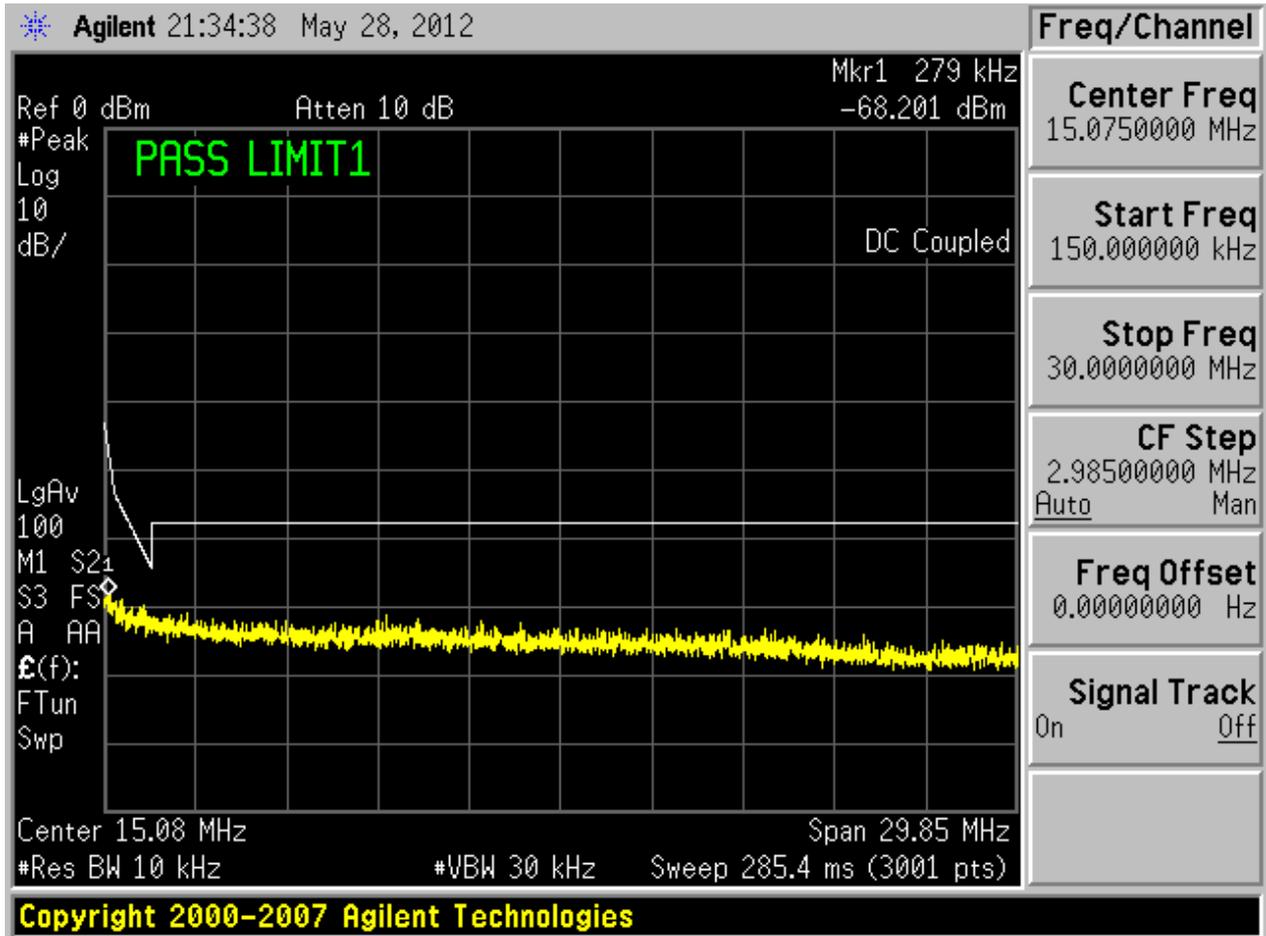
2.20.3 Further procedure for failed-plots in the range of 2300 to 2500 MHz

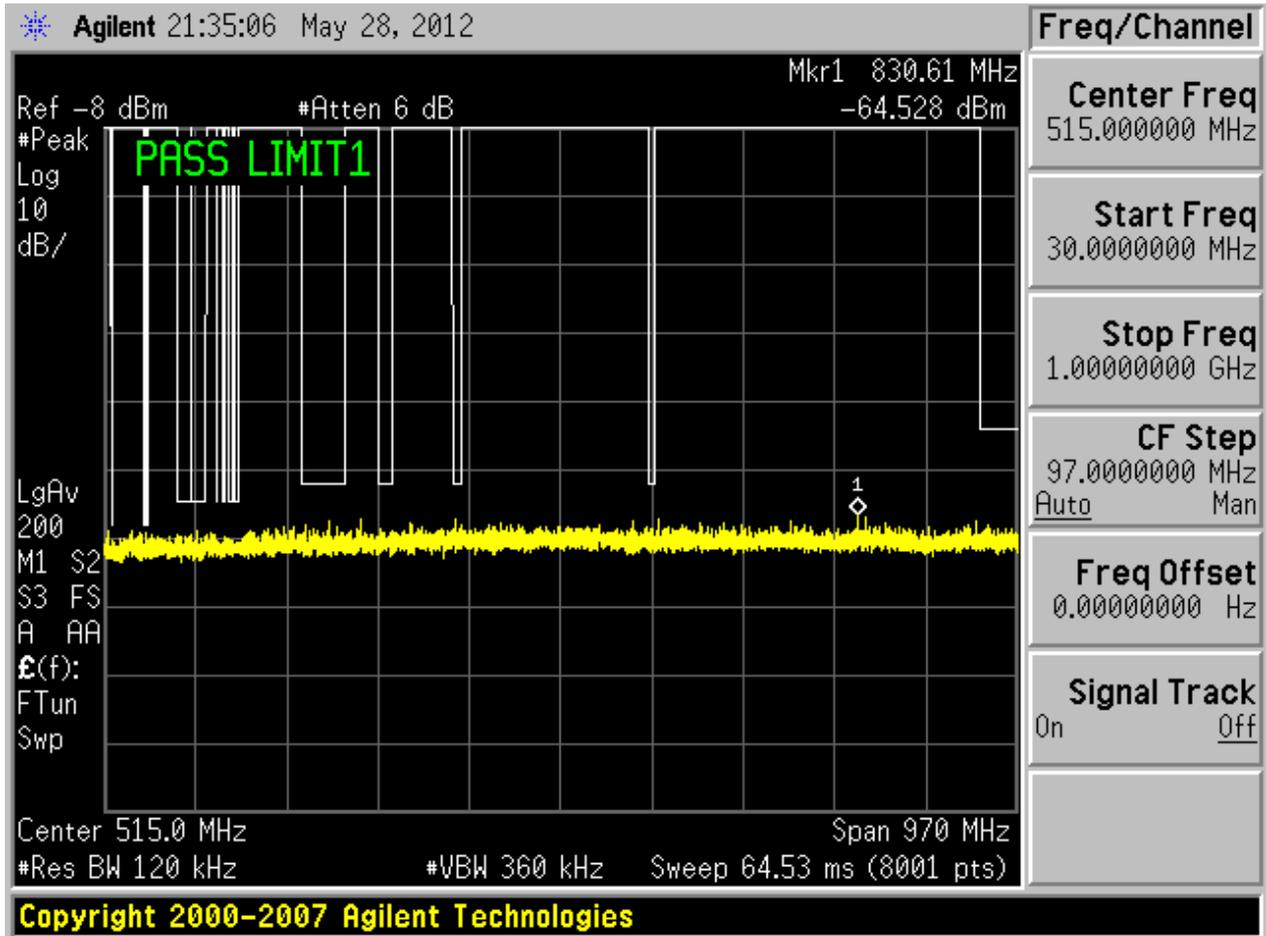
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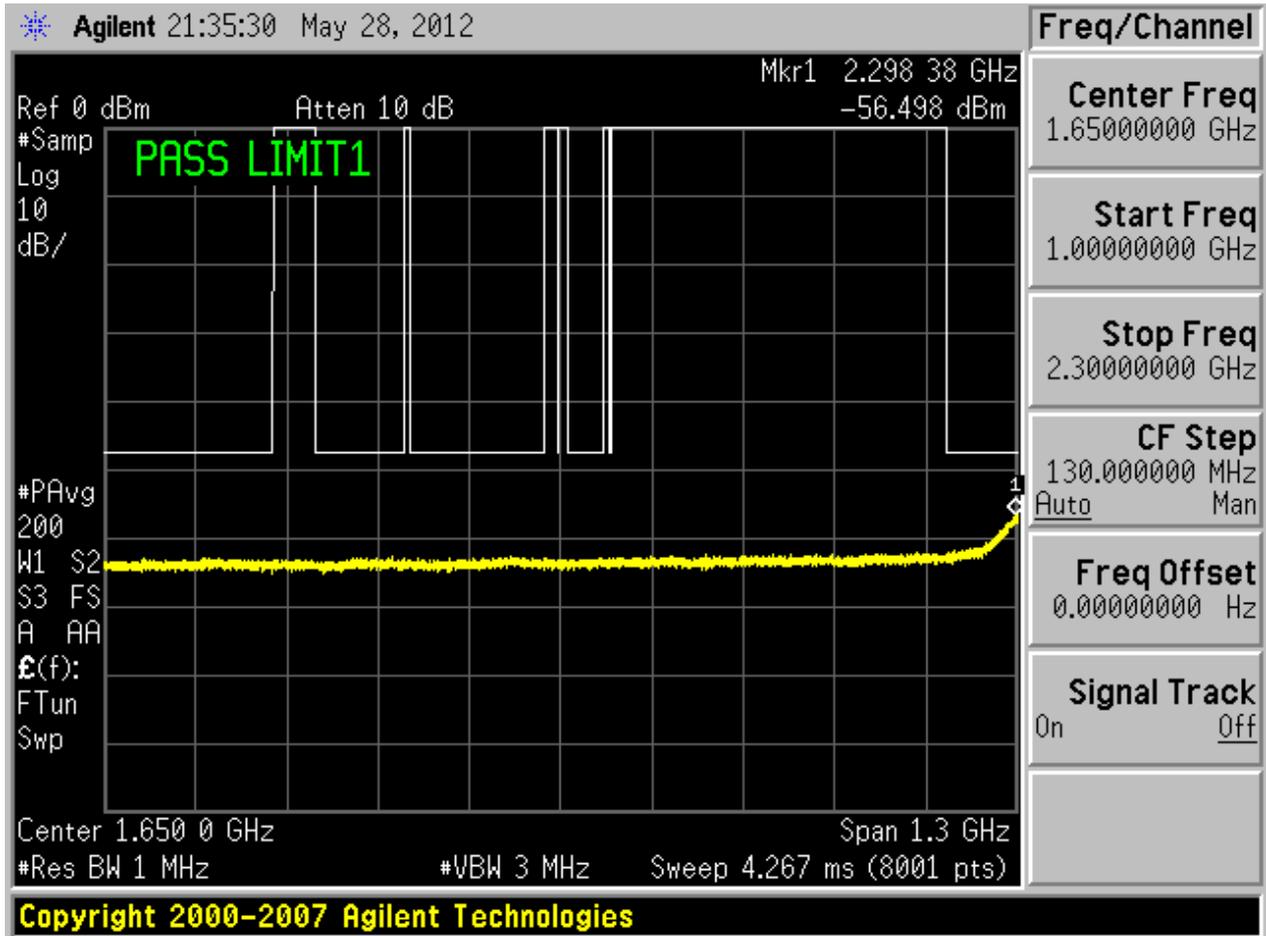
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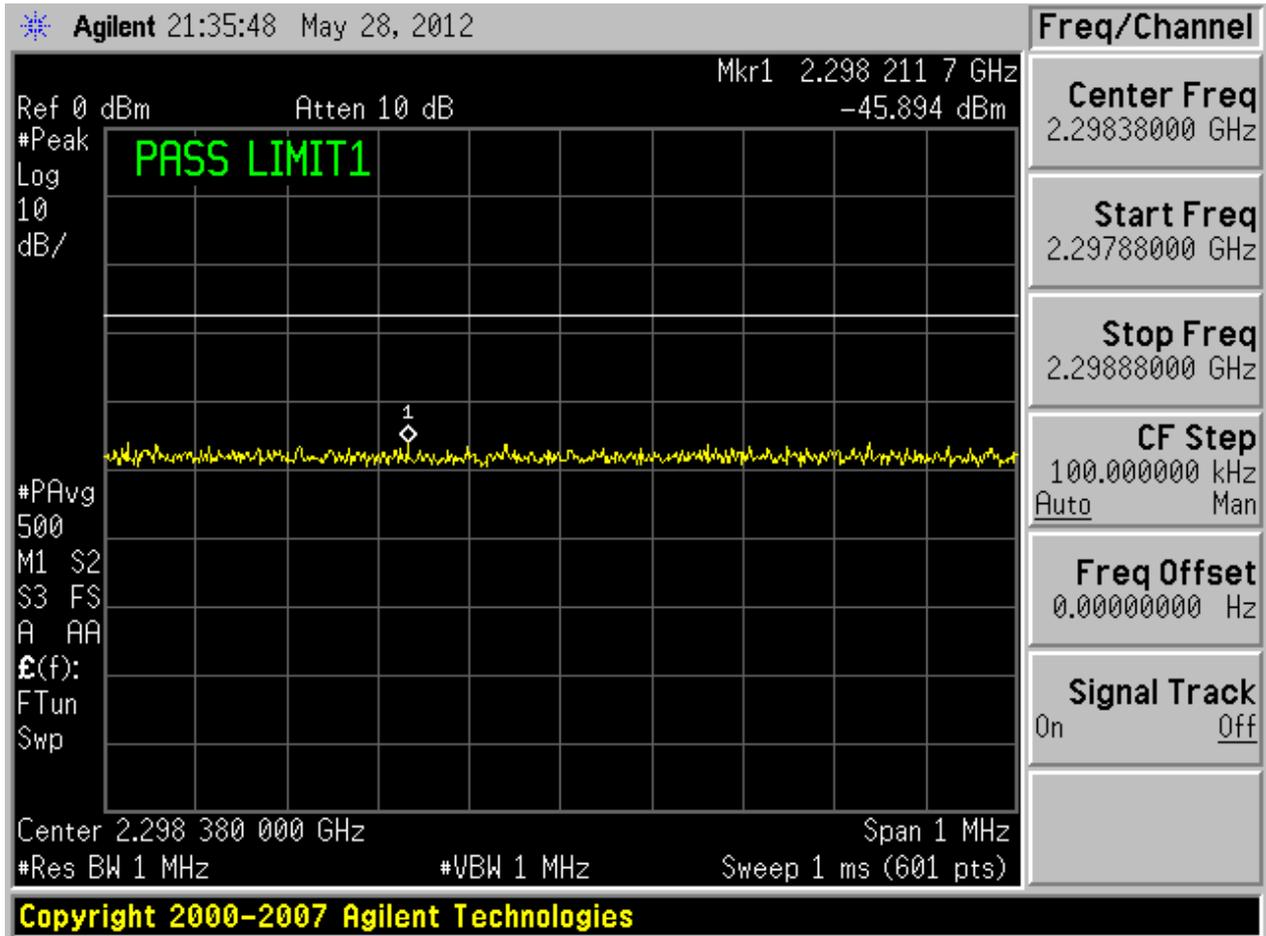
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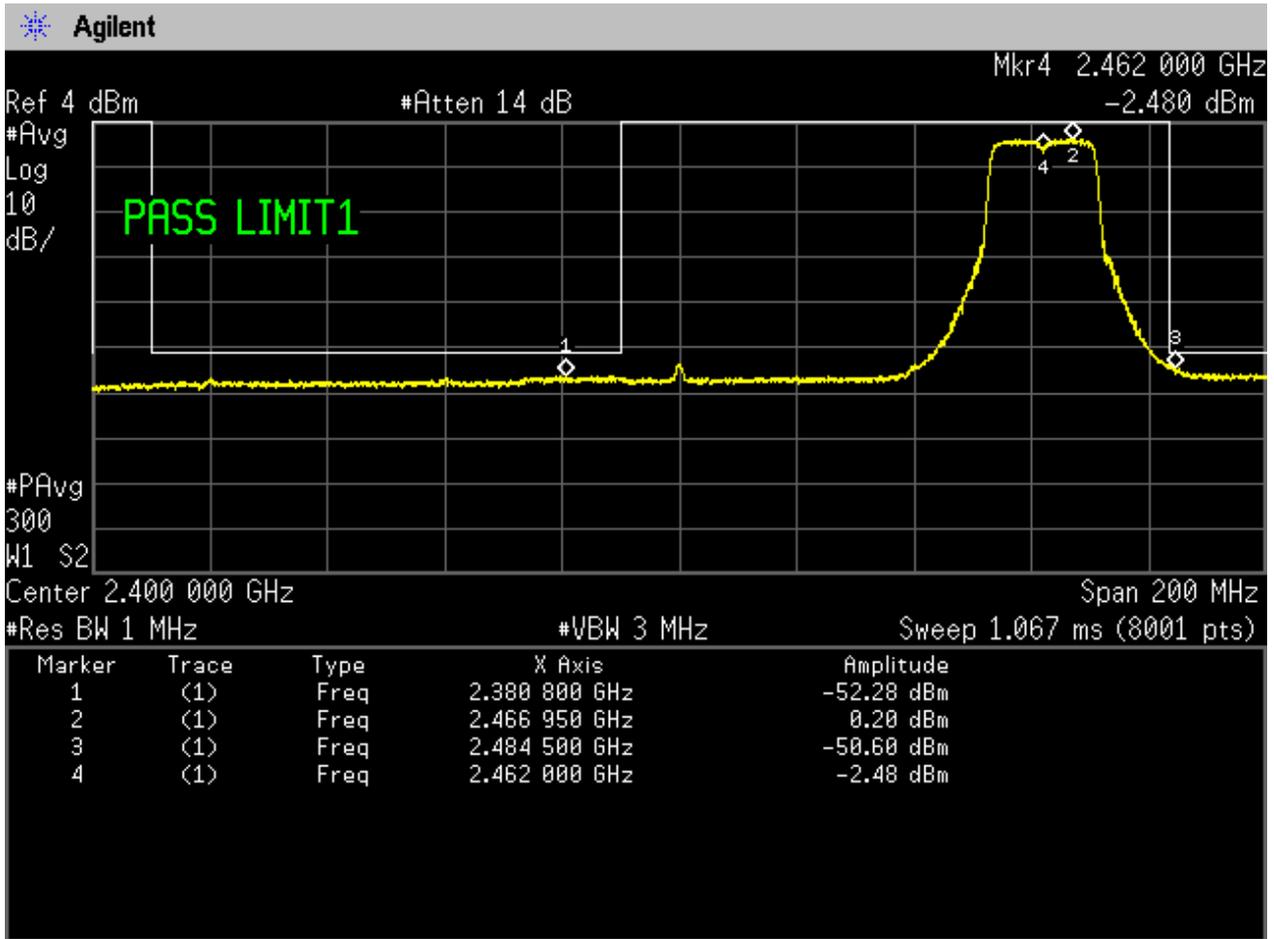


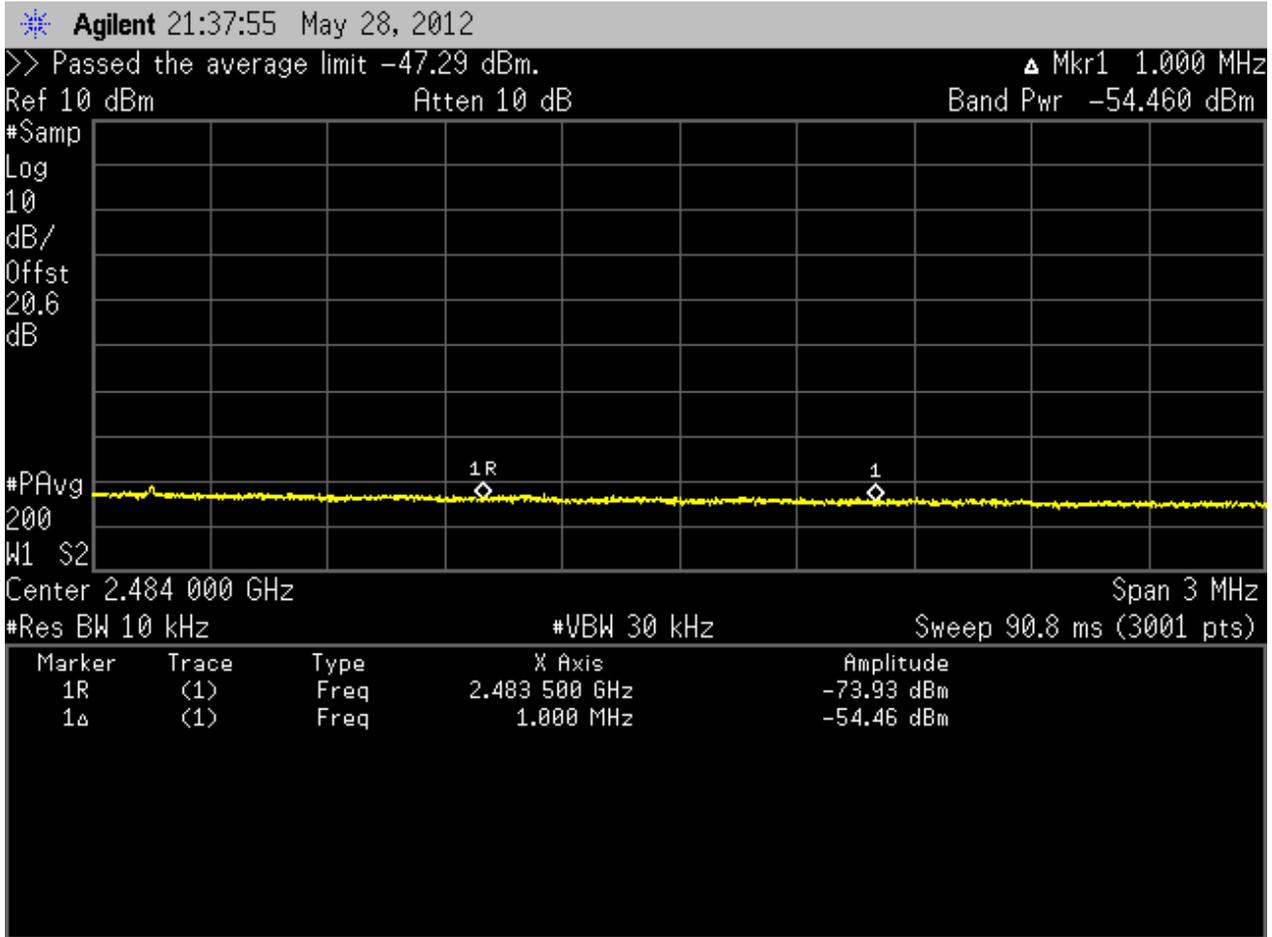


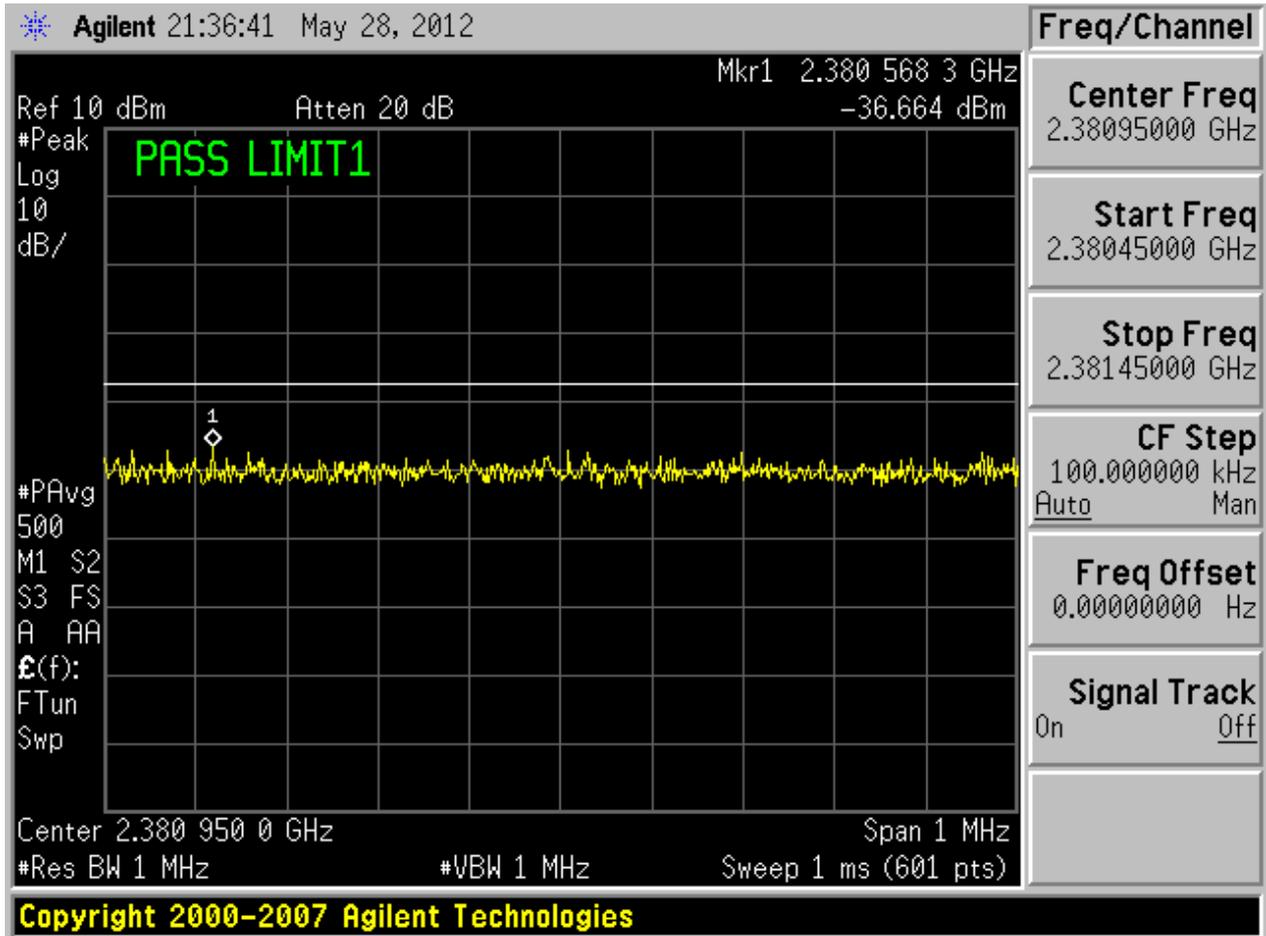


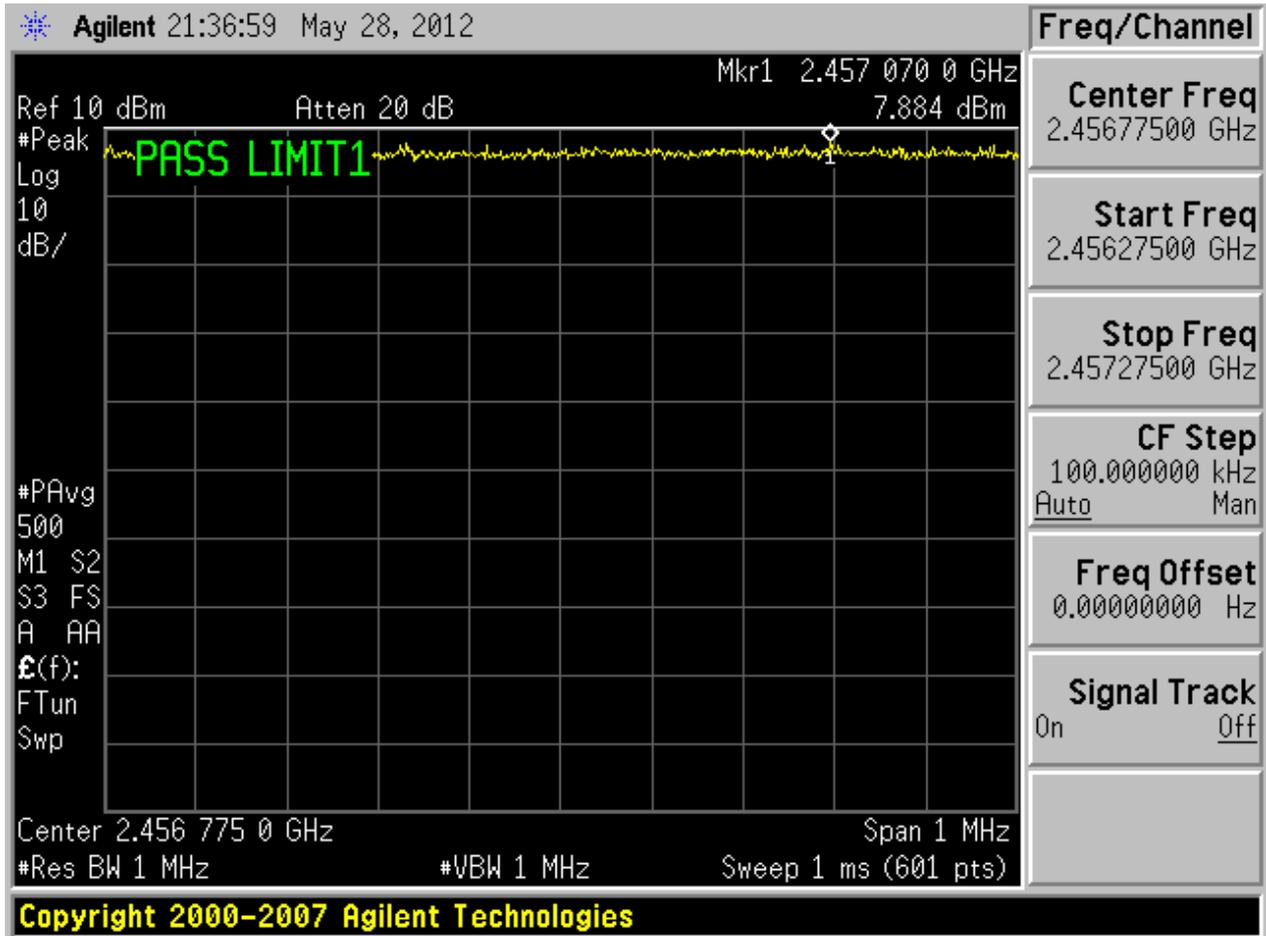


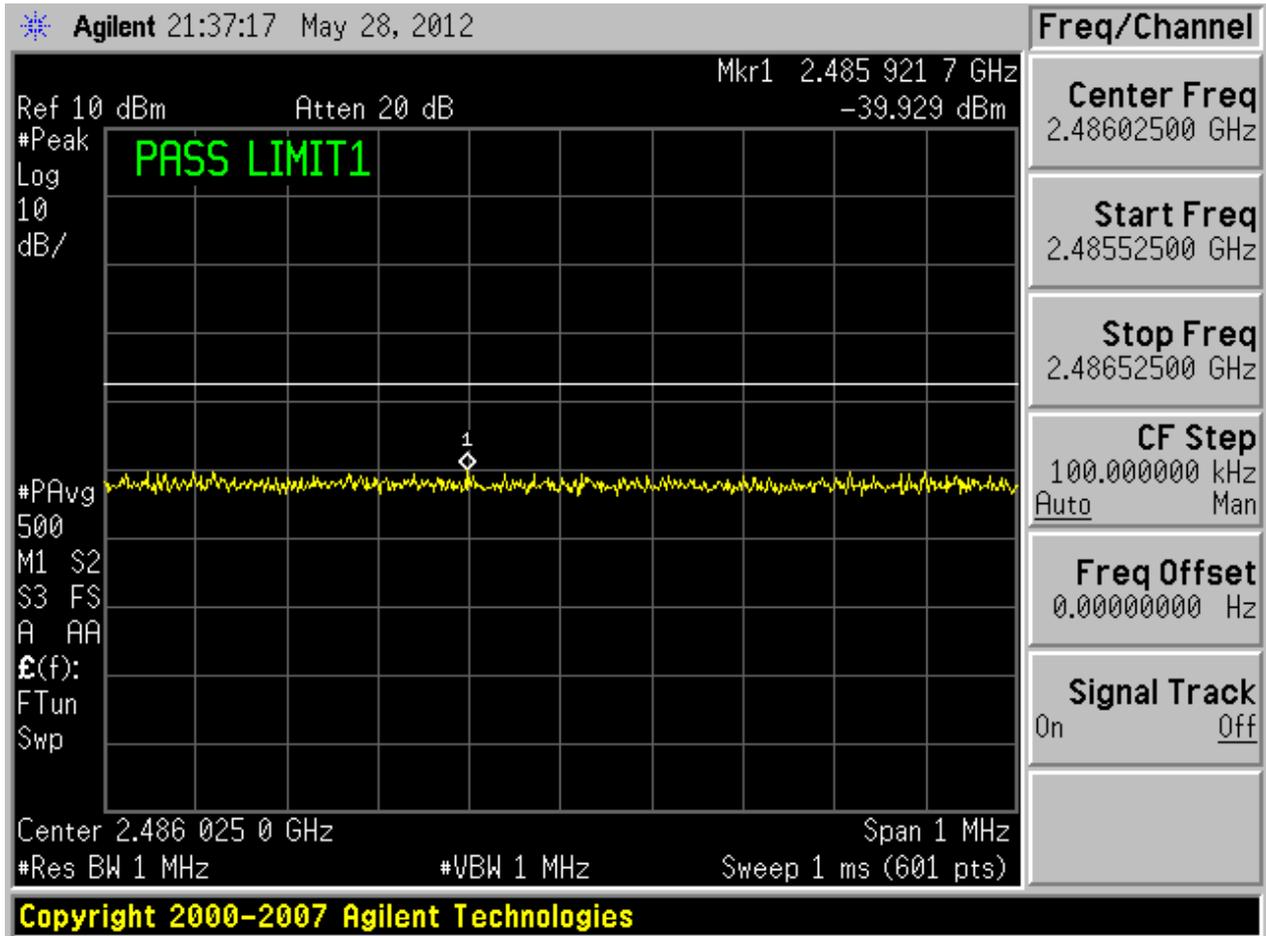


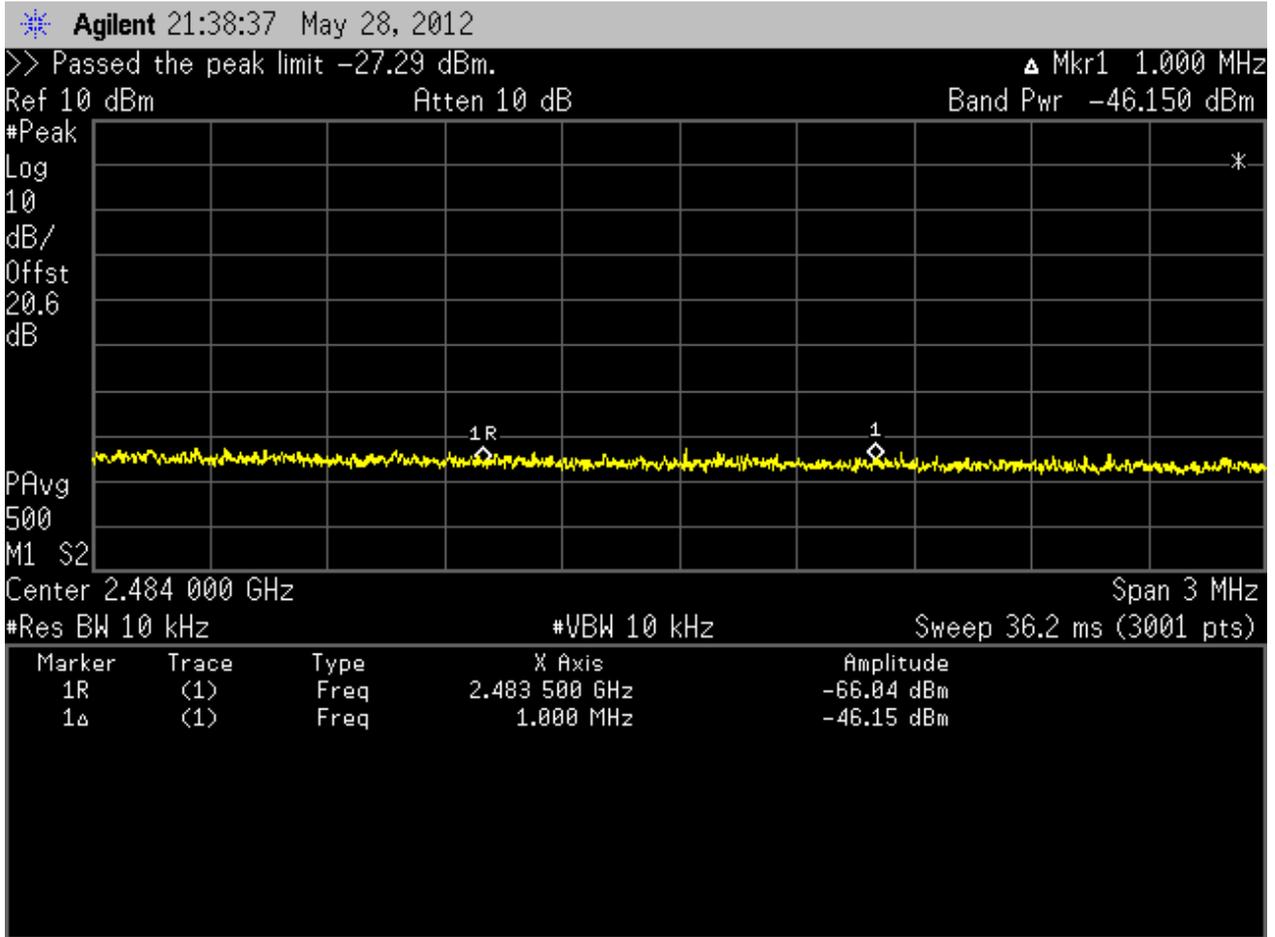


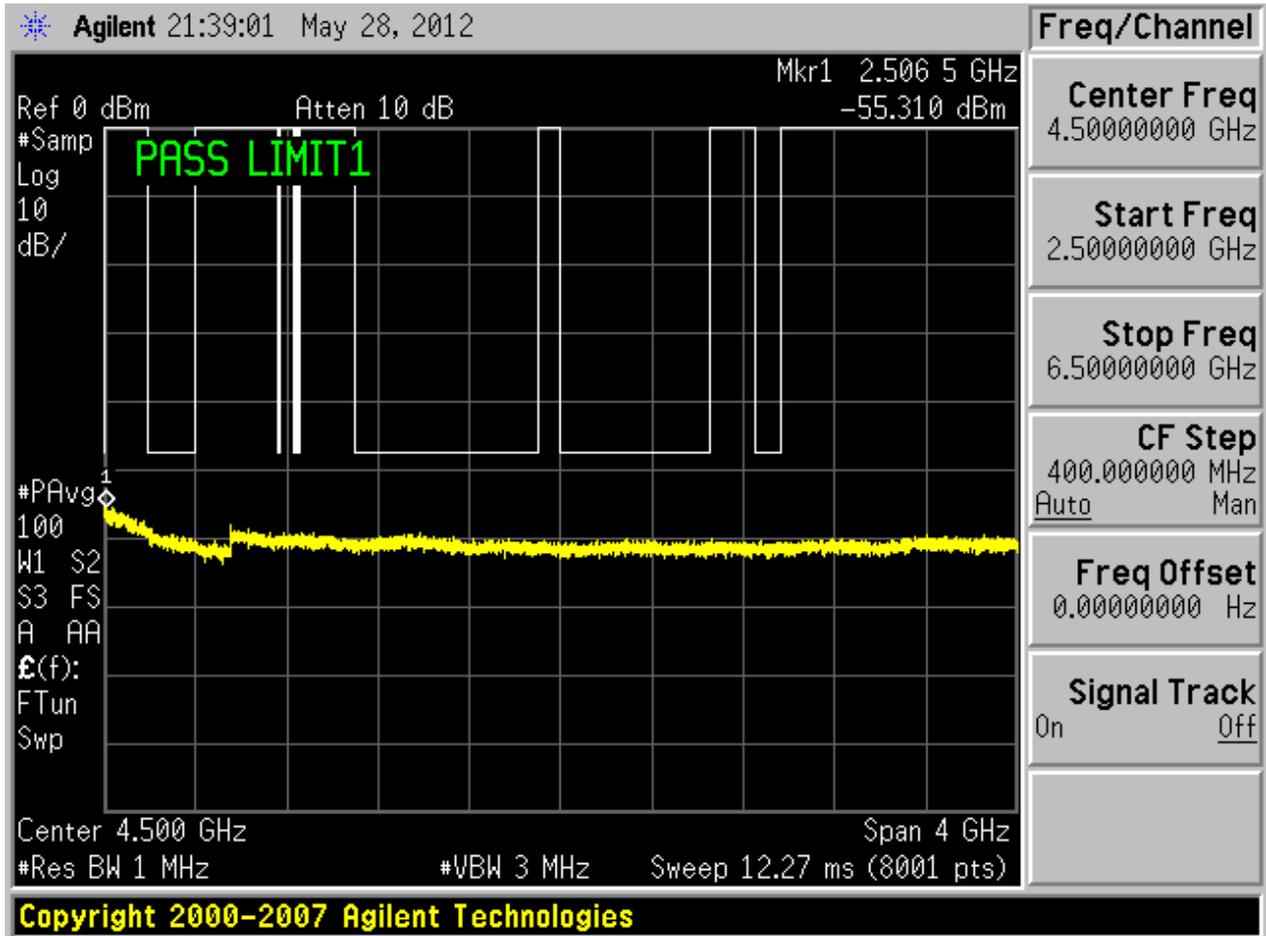


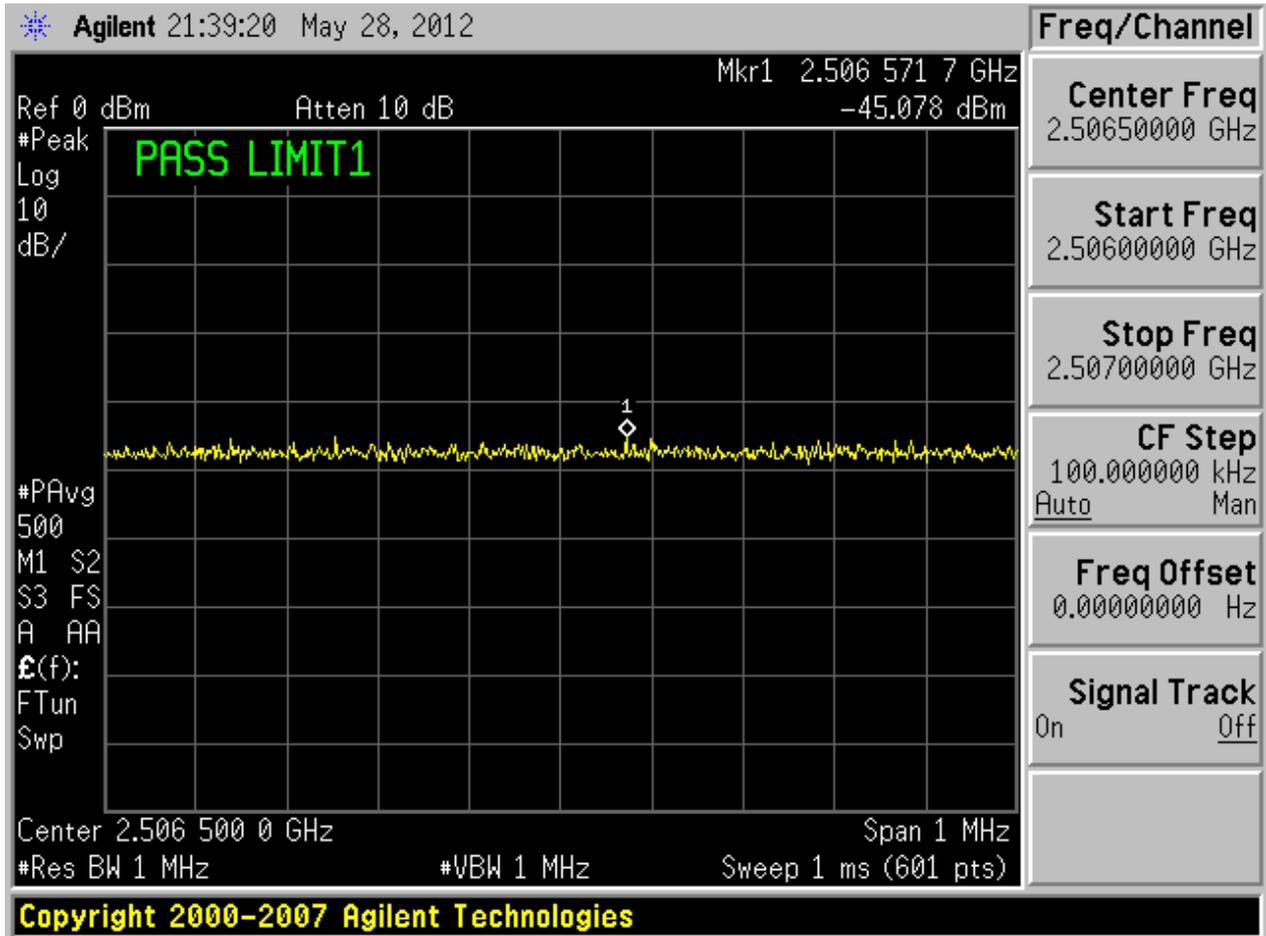


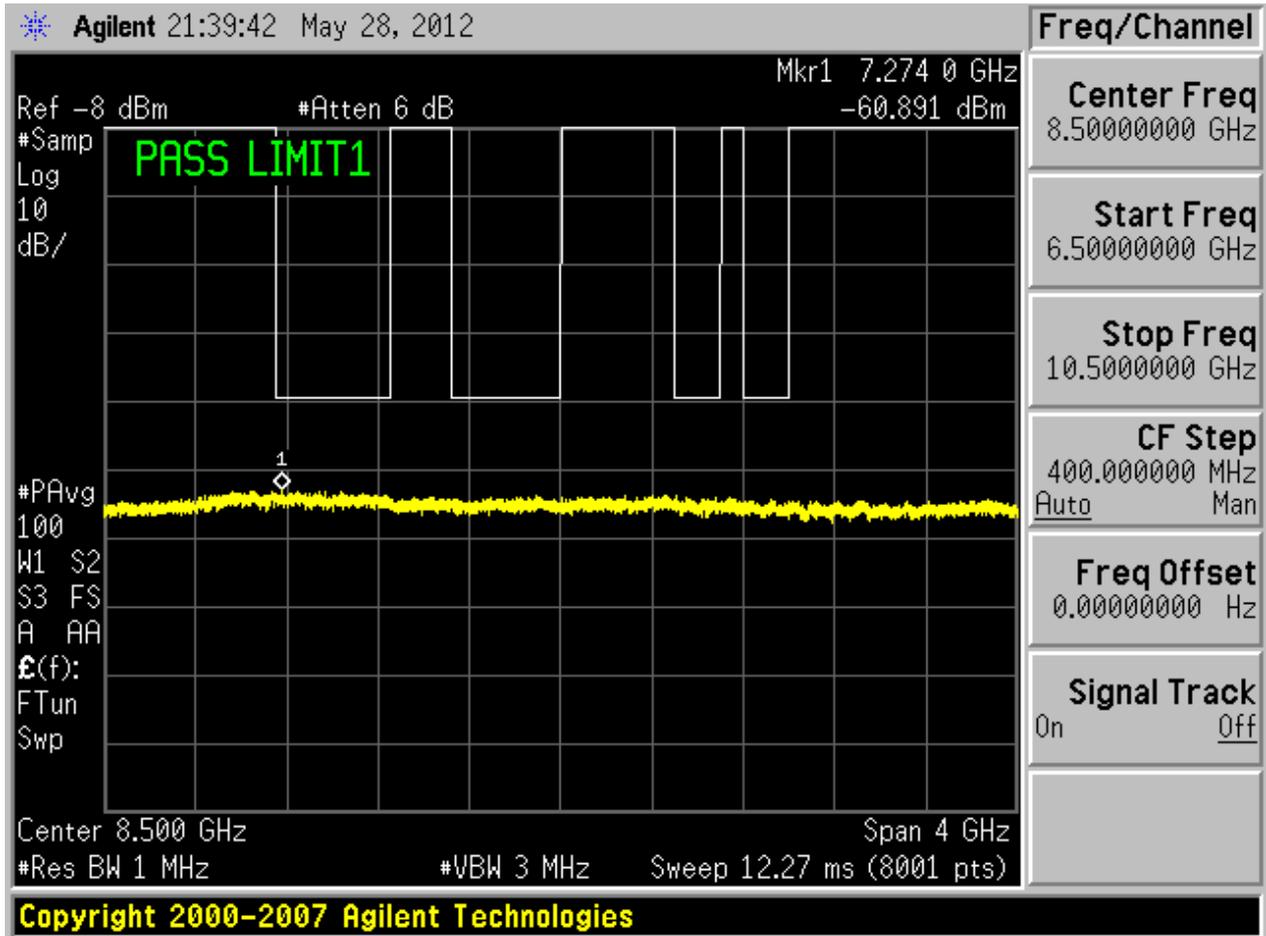


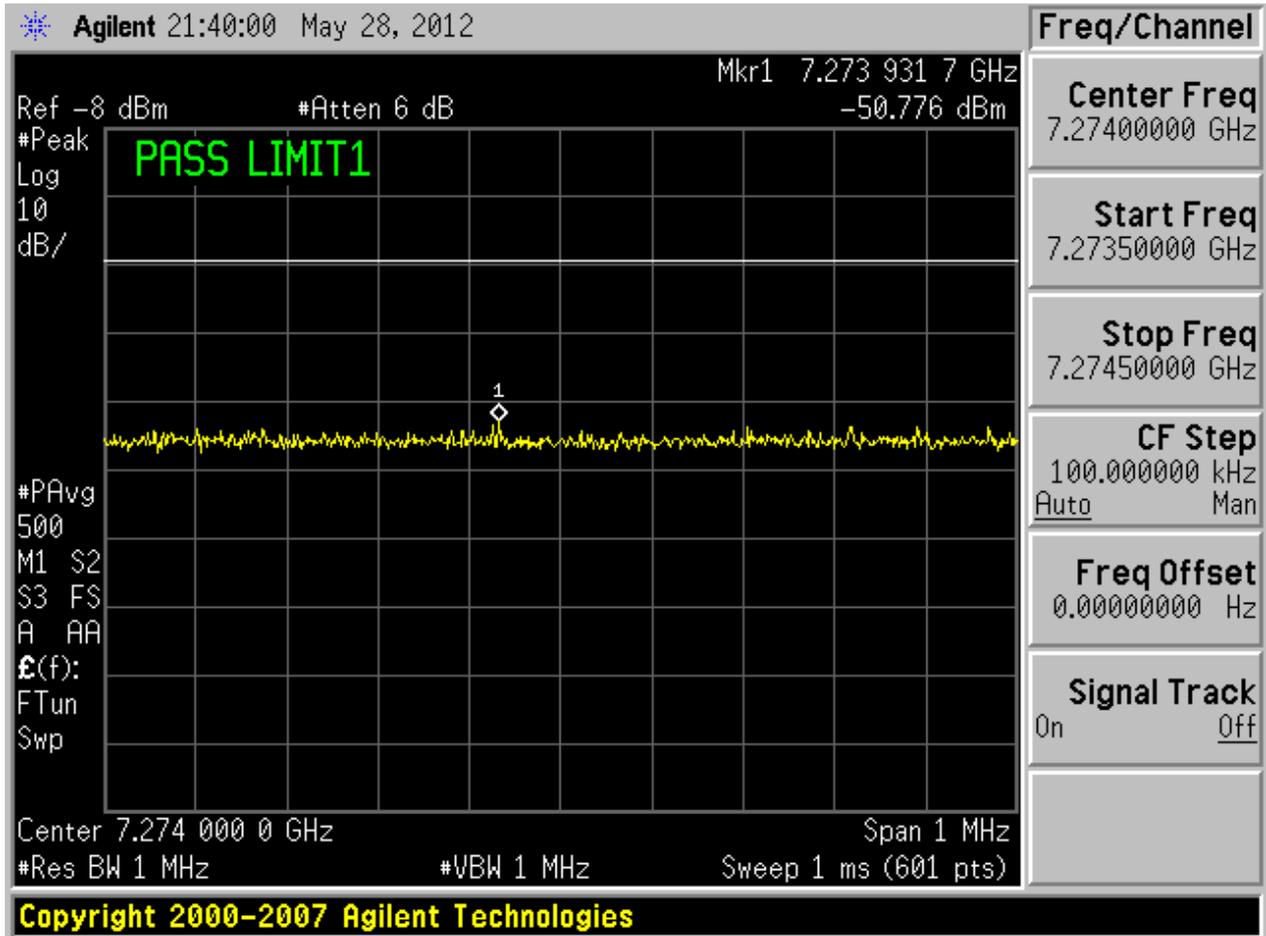


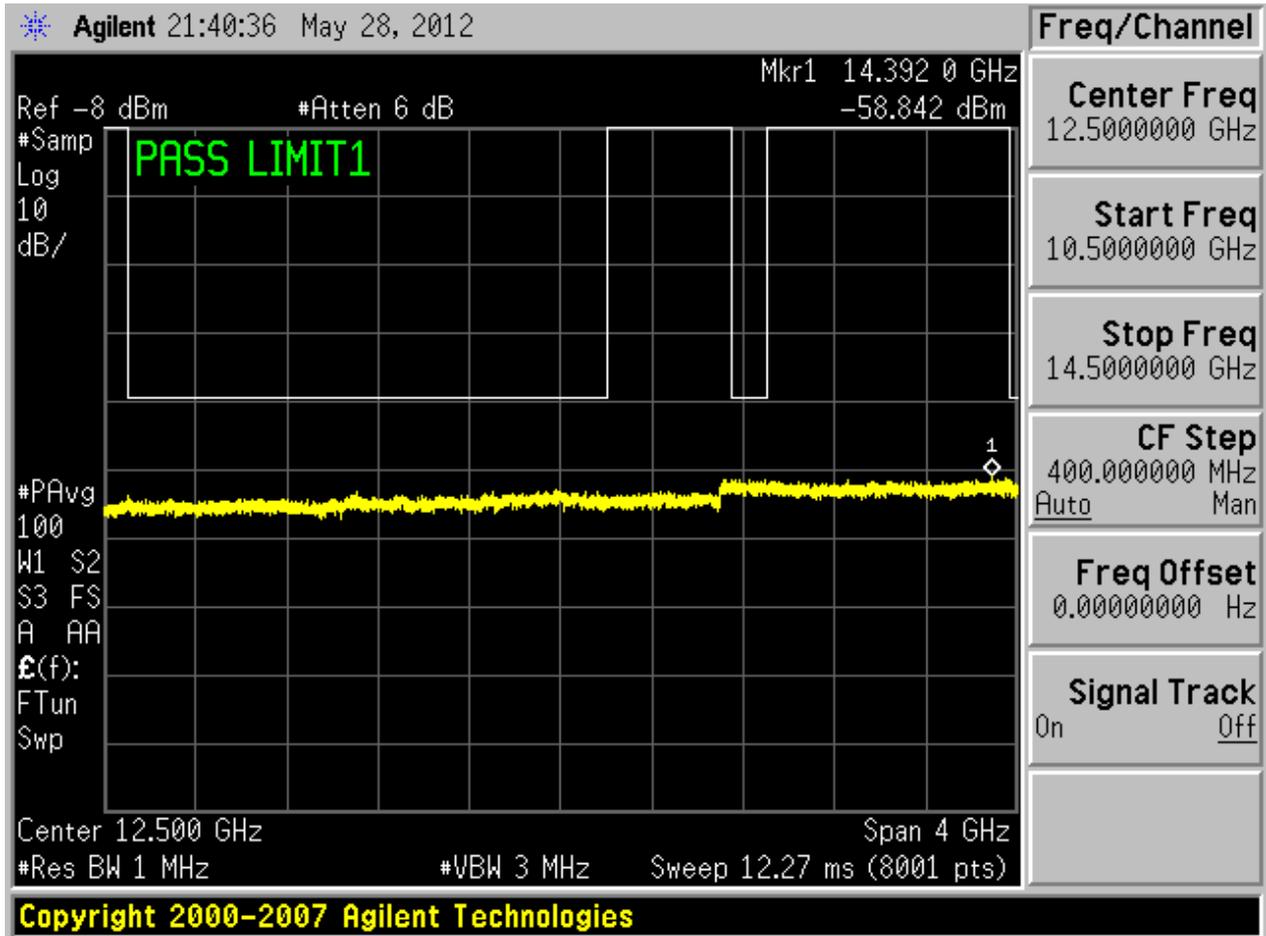


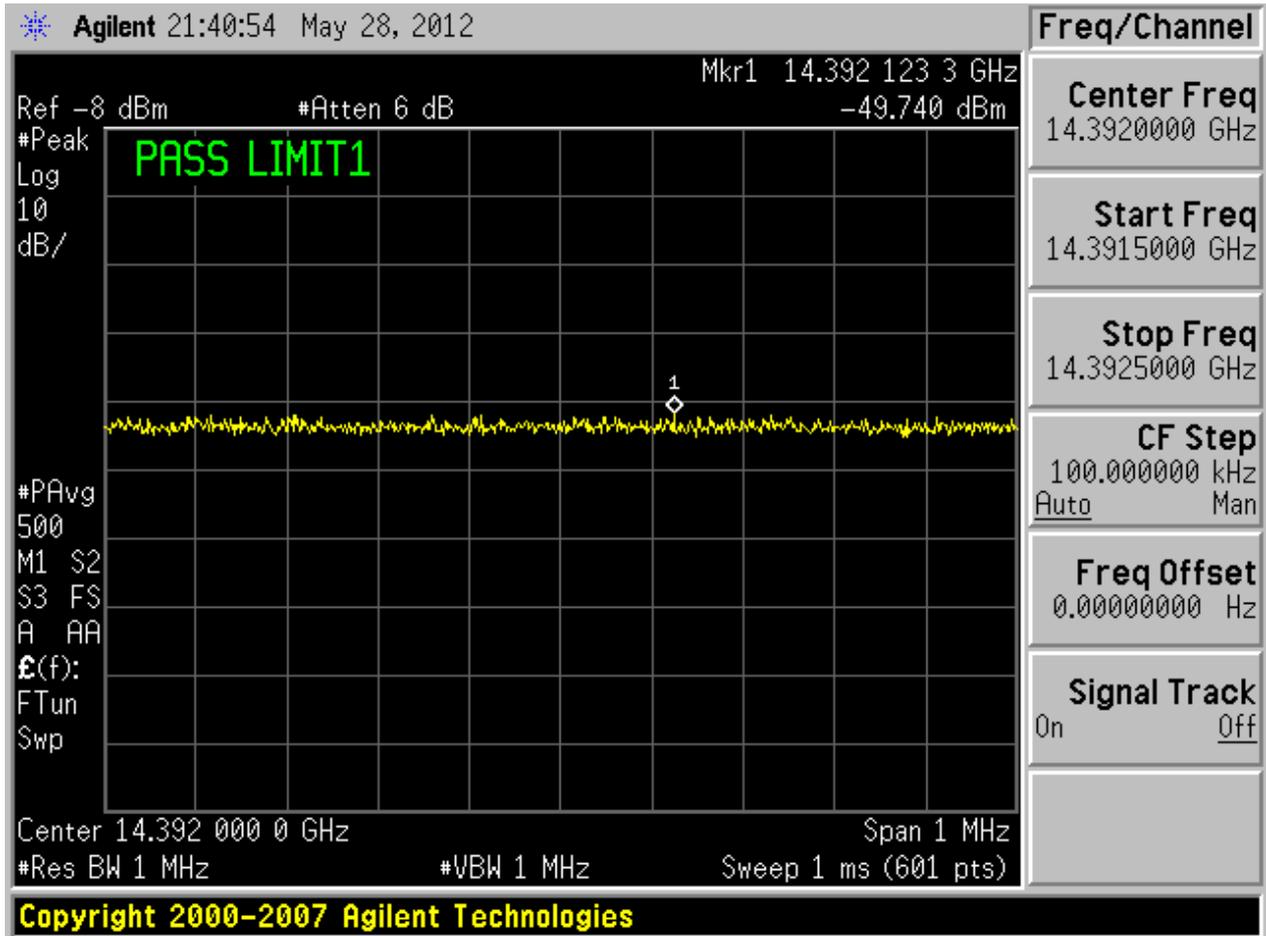


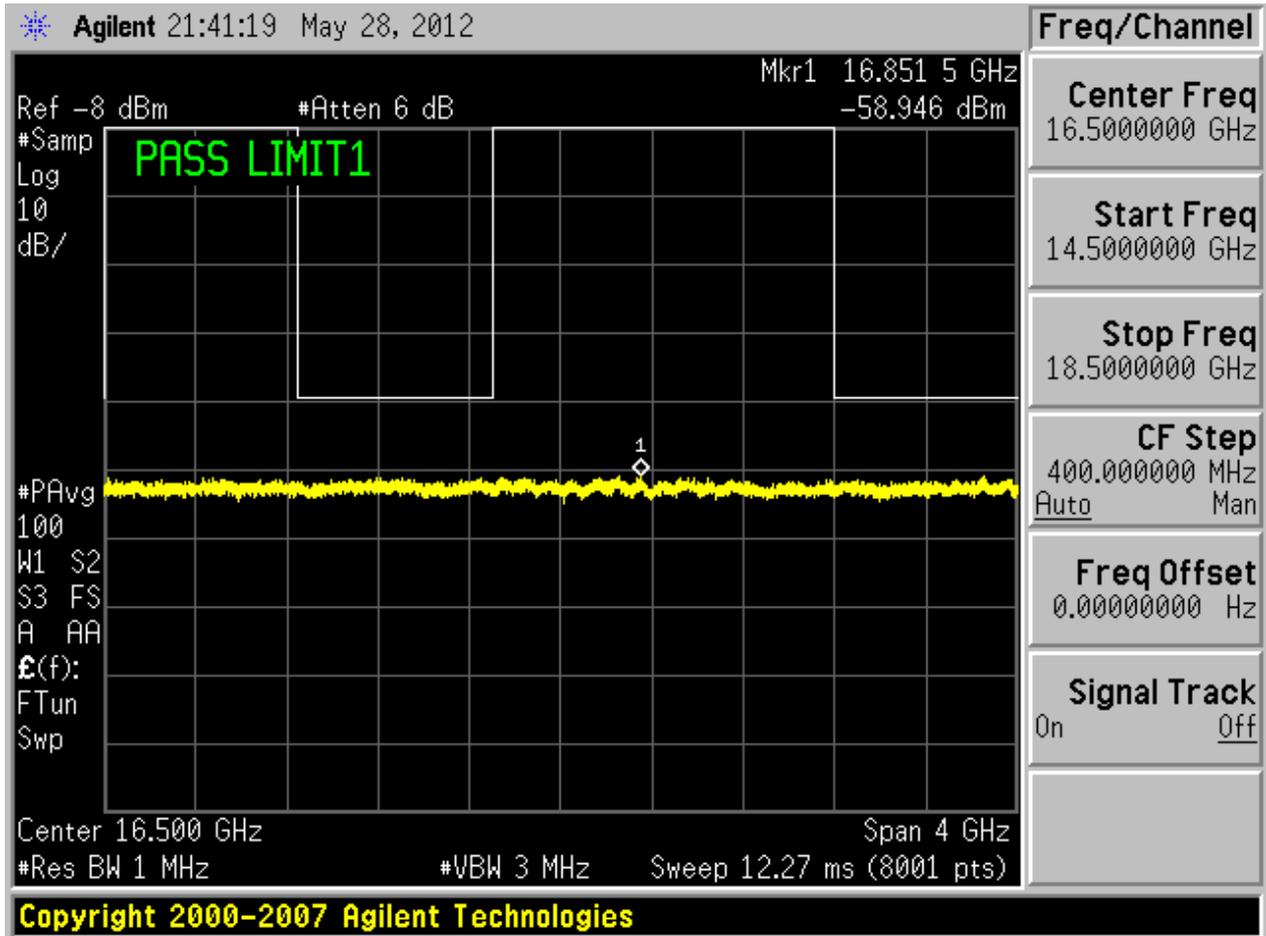


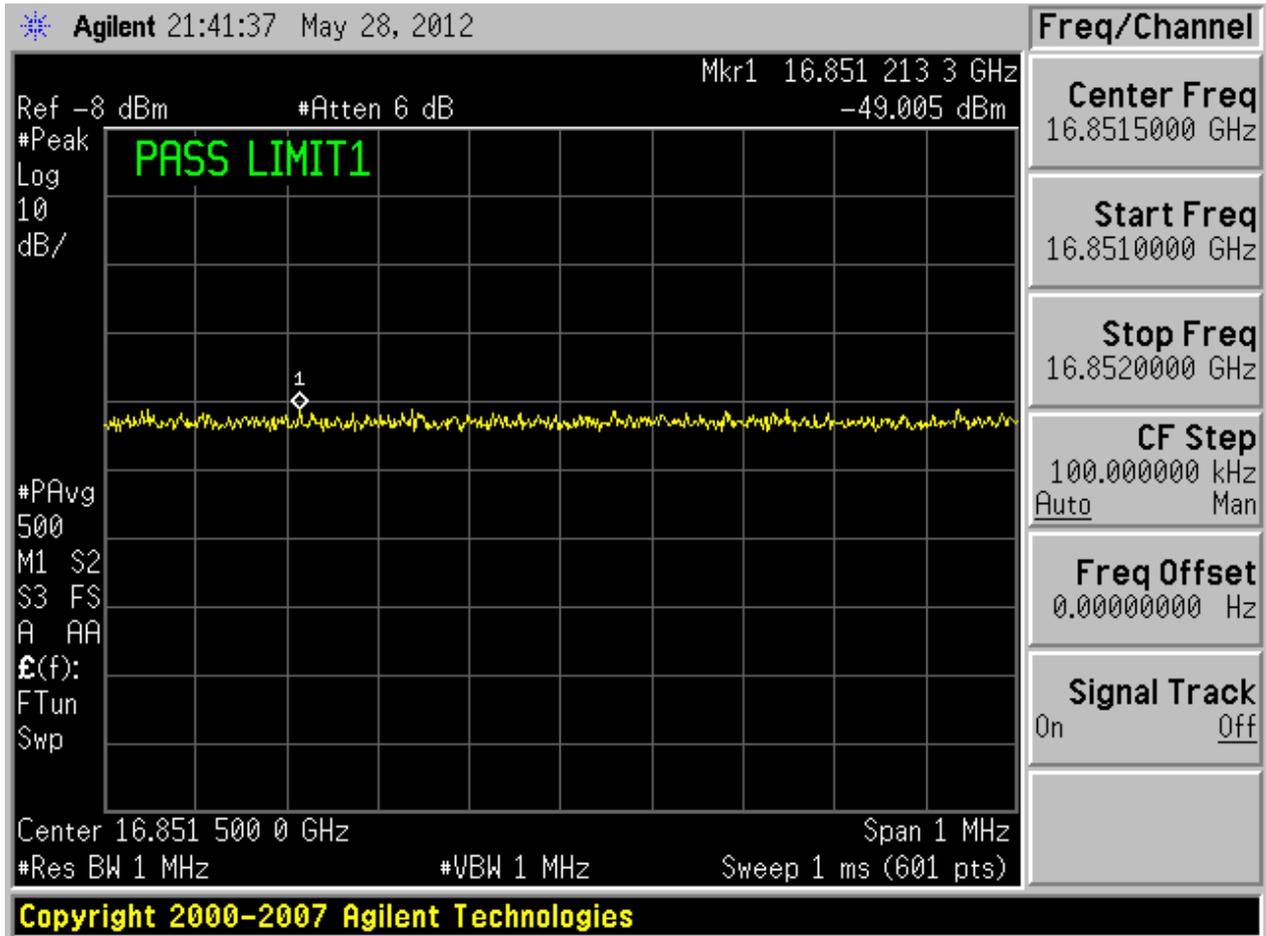


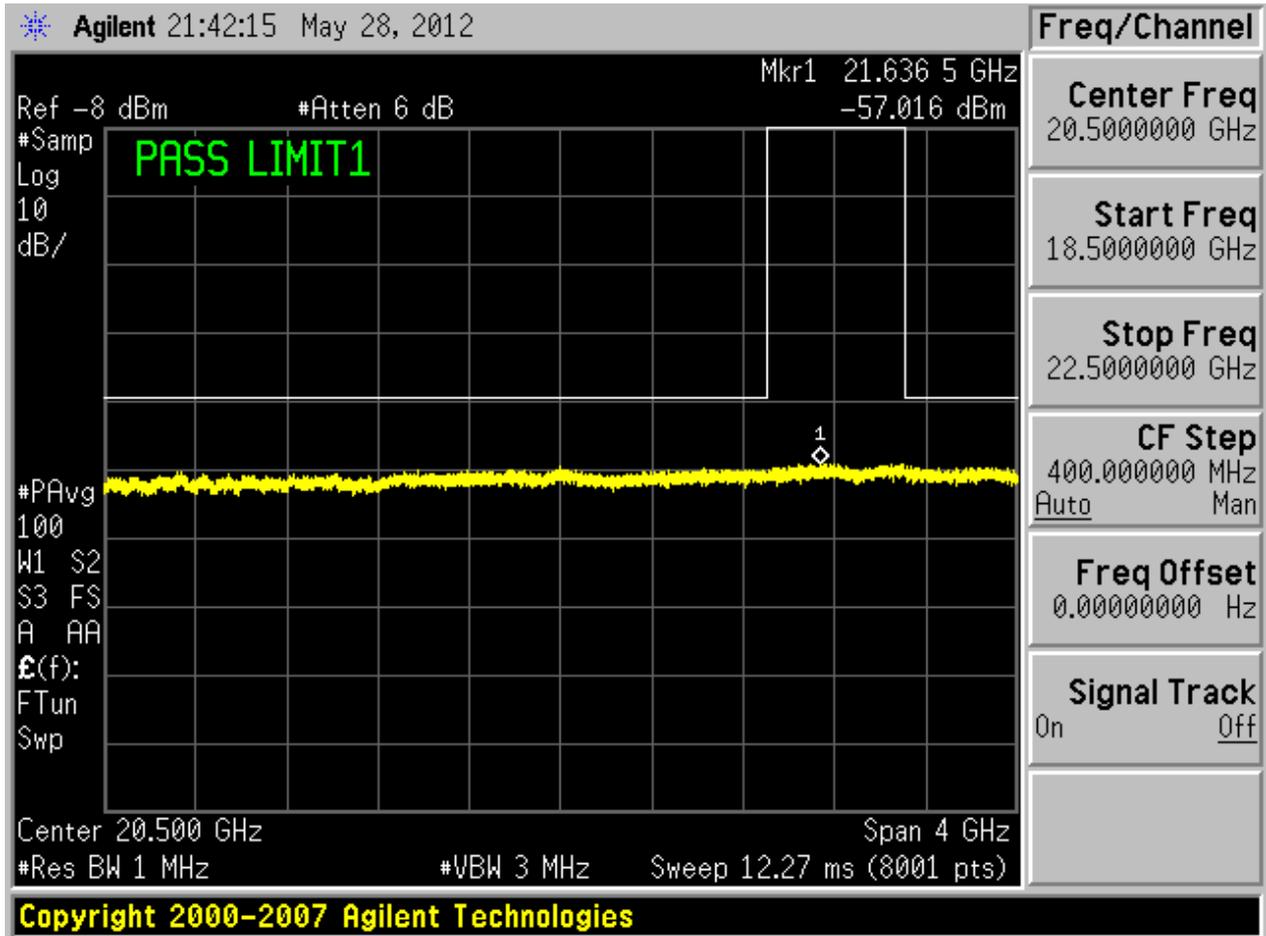


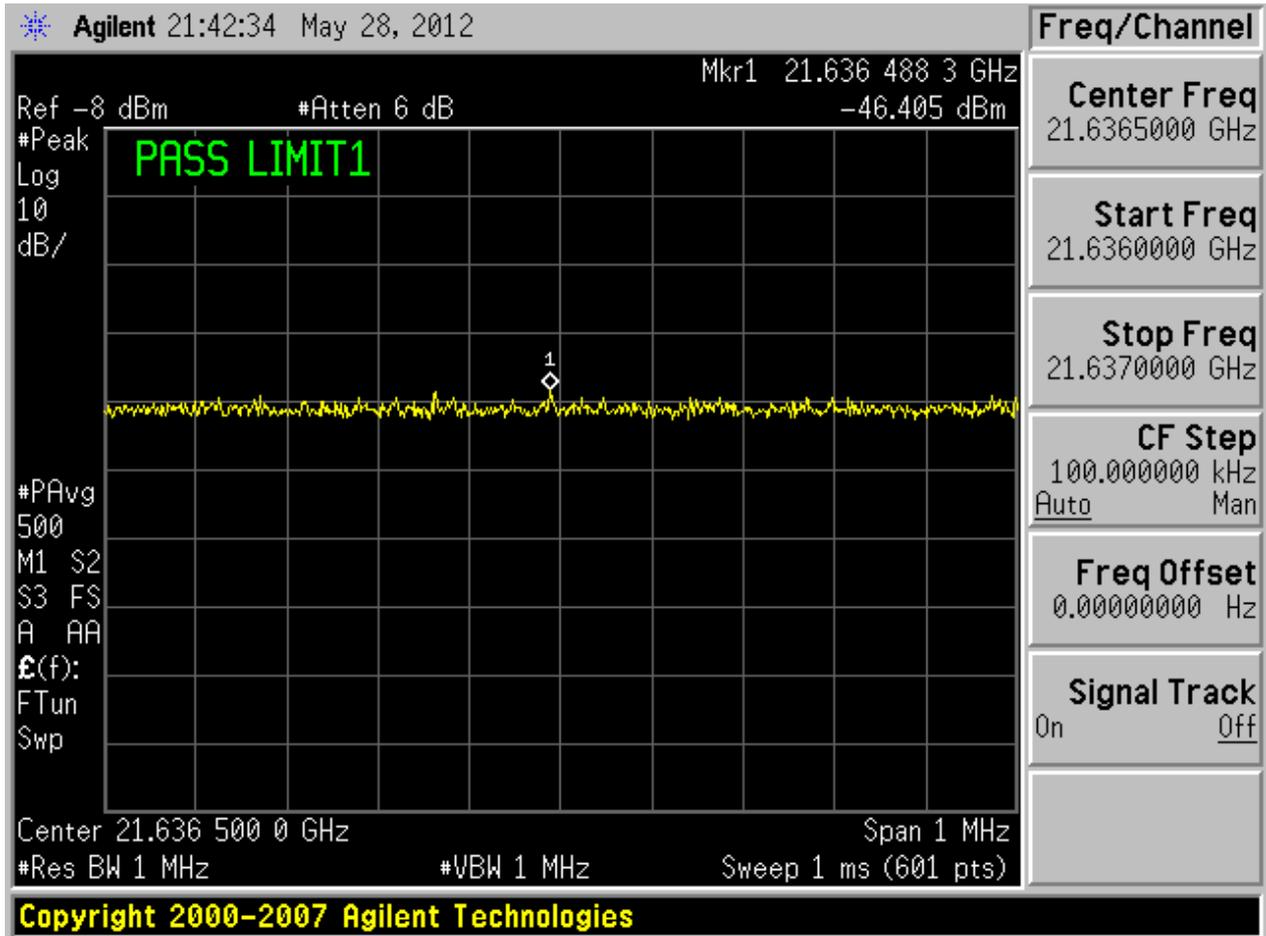


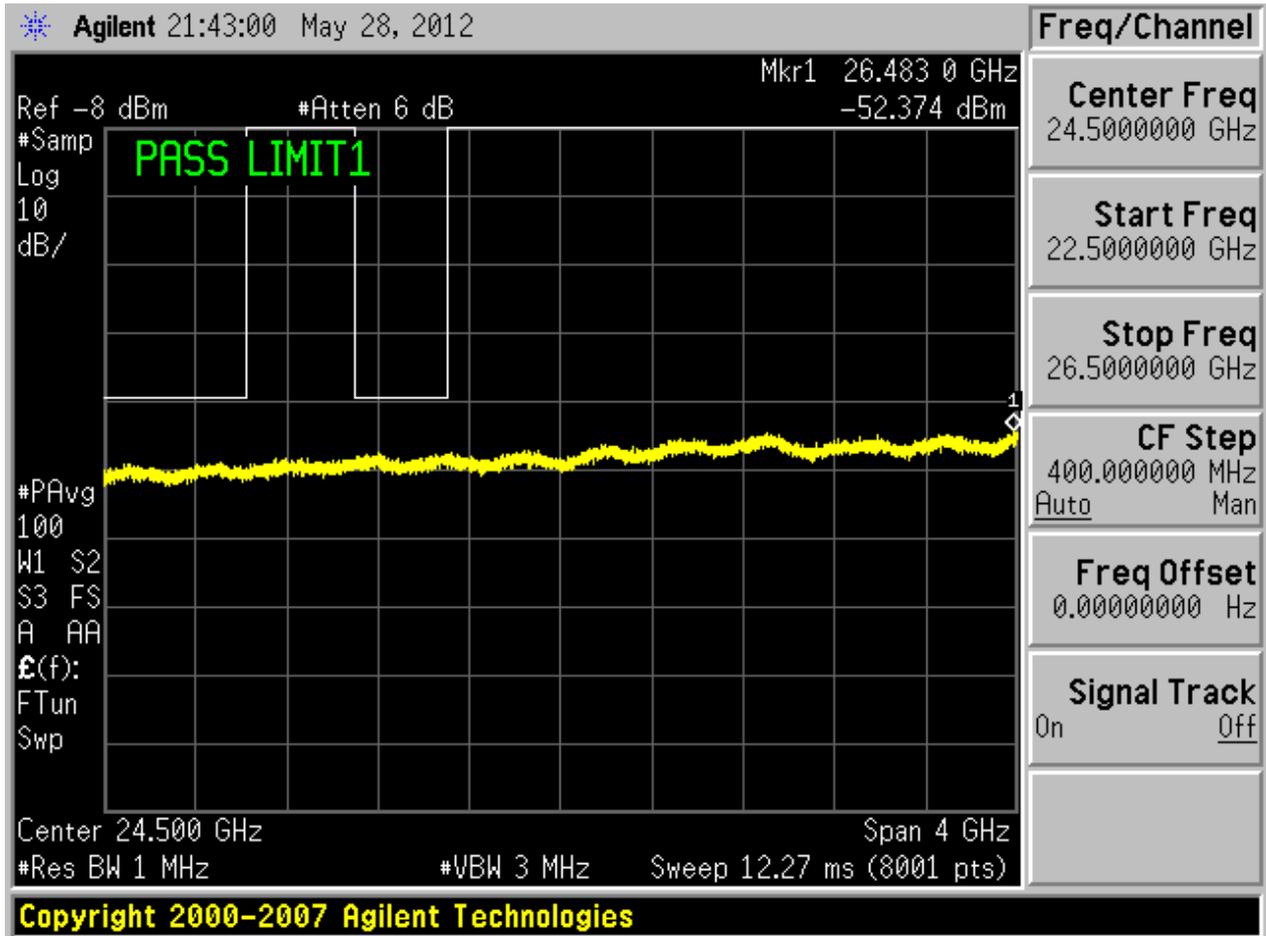


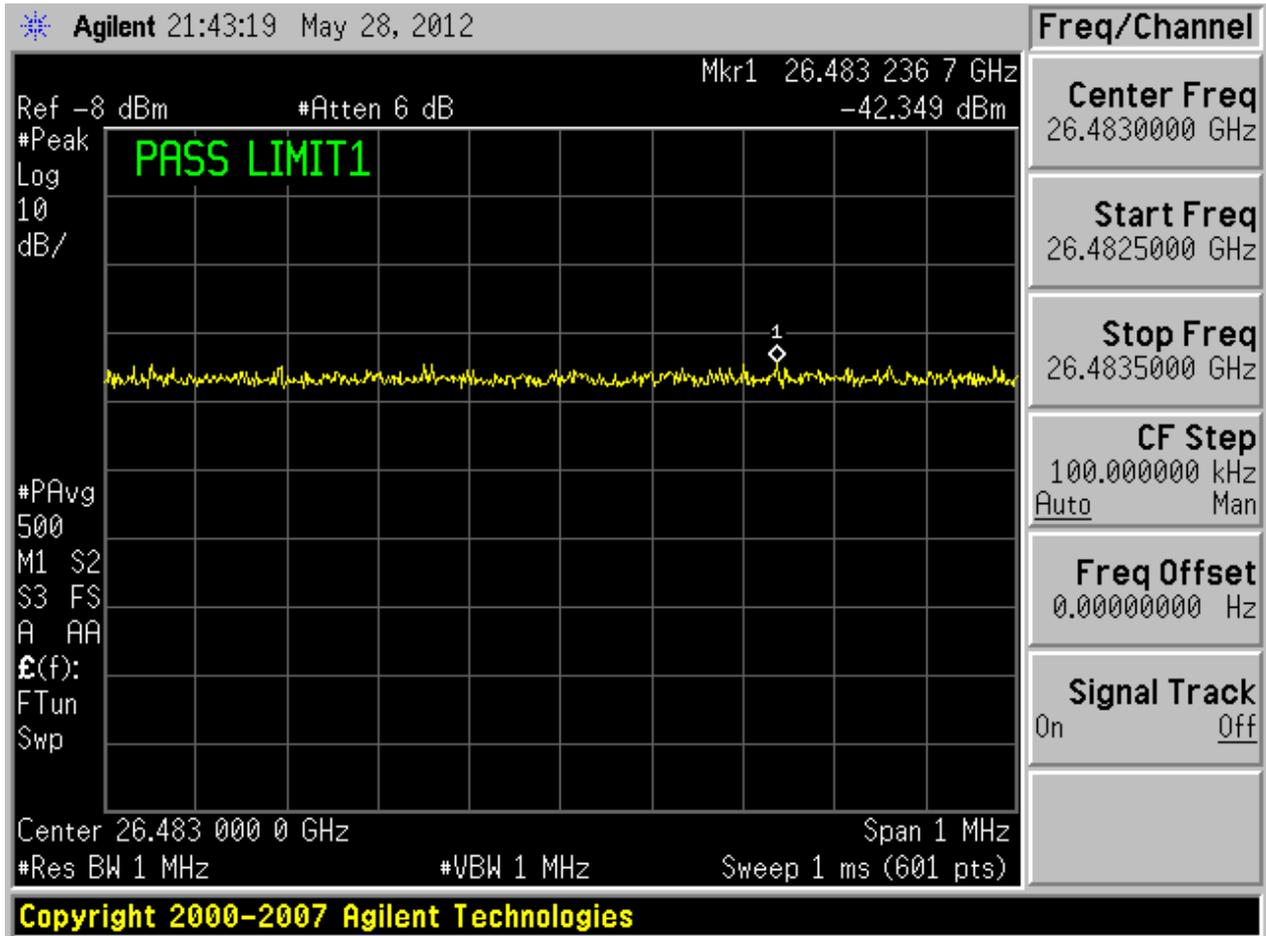




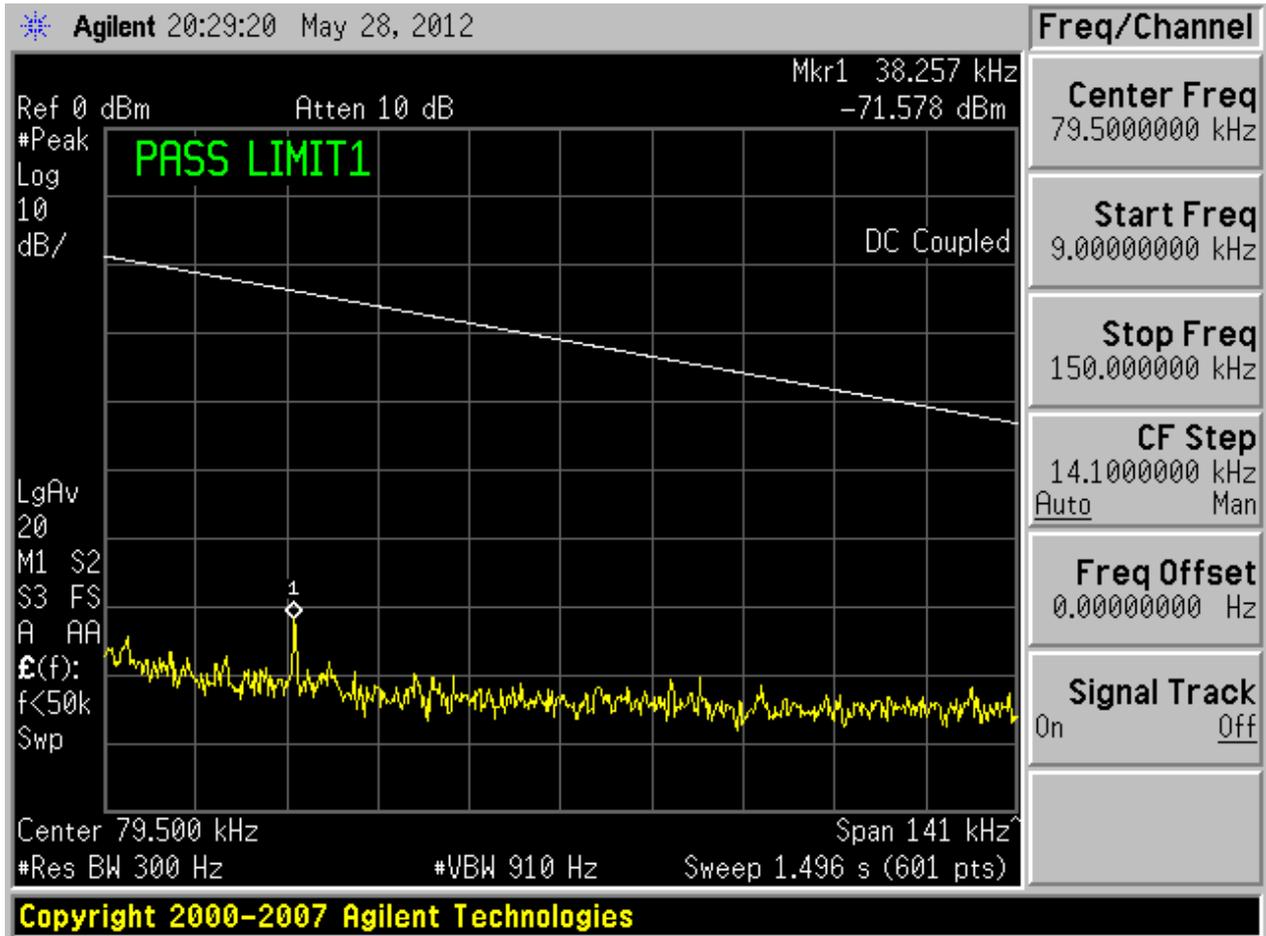


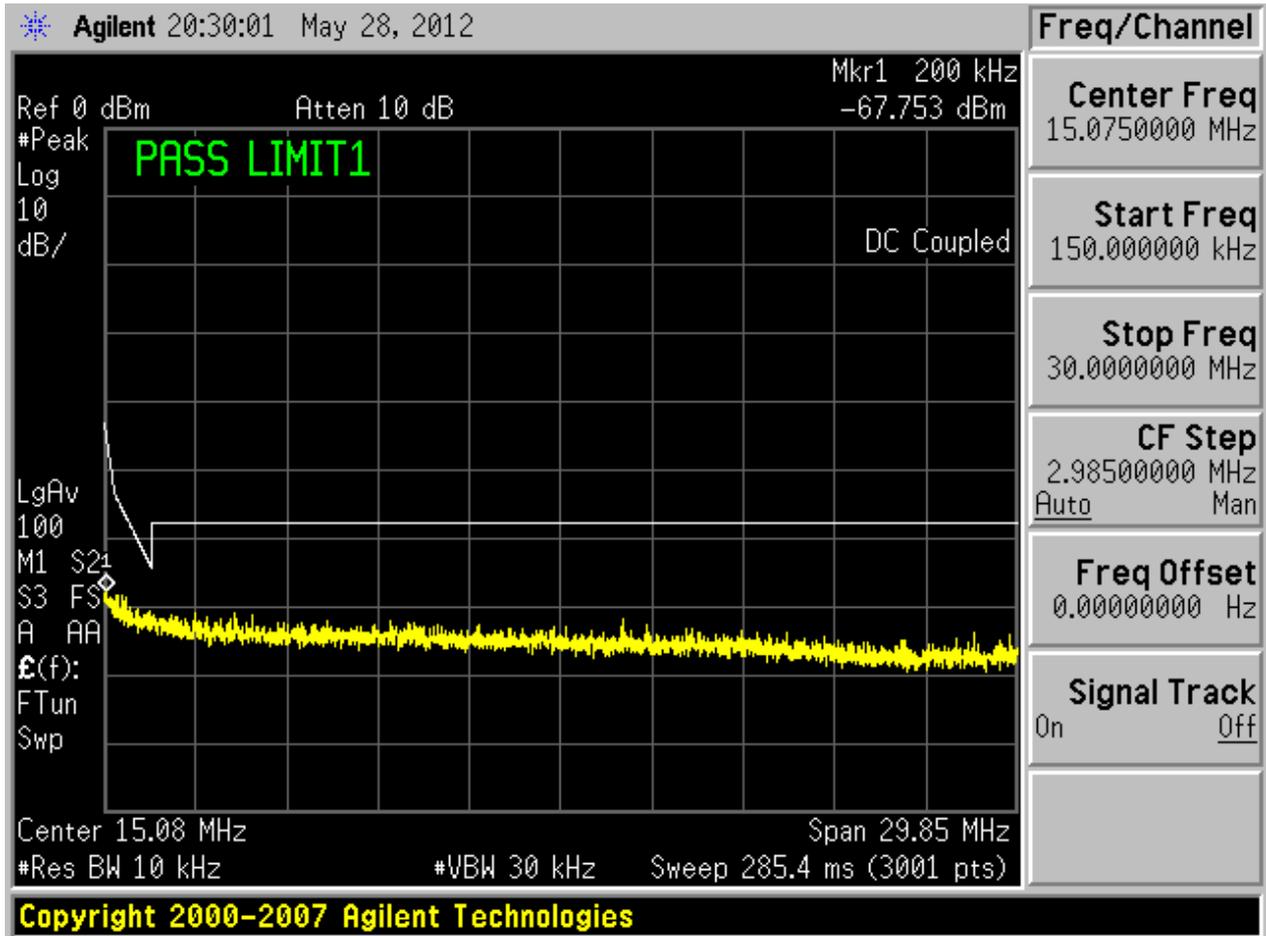


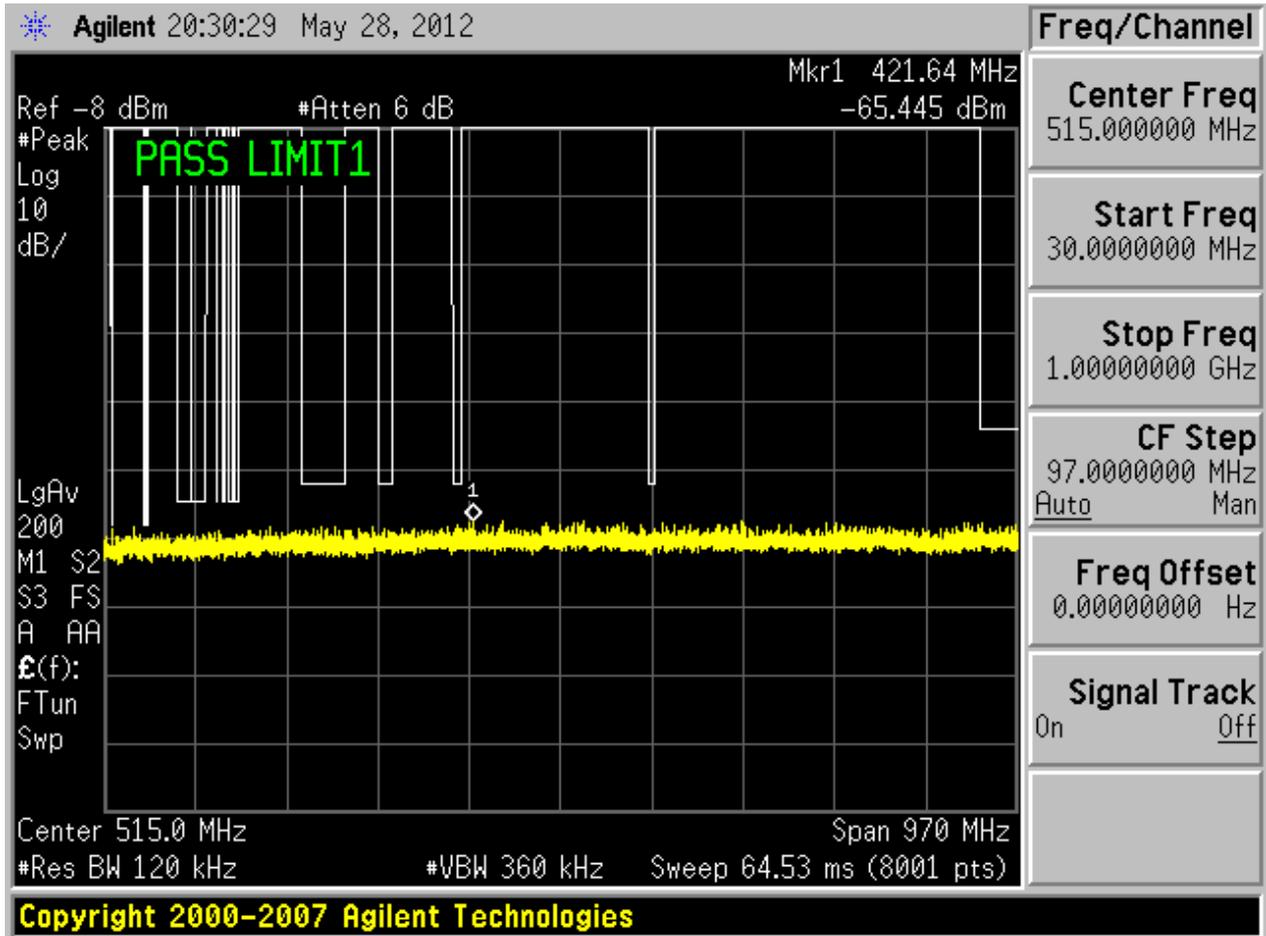


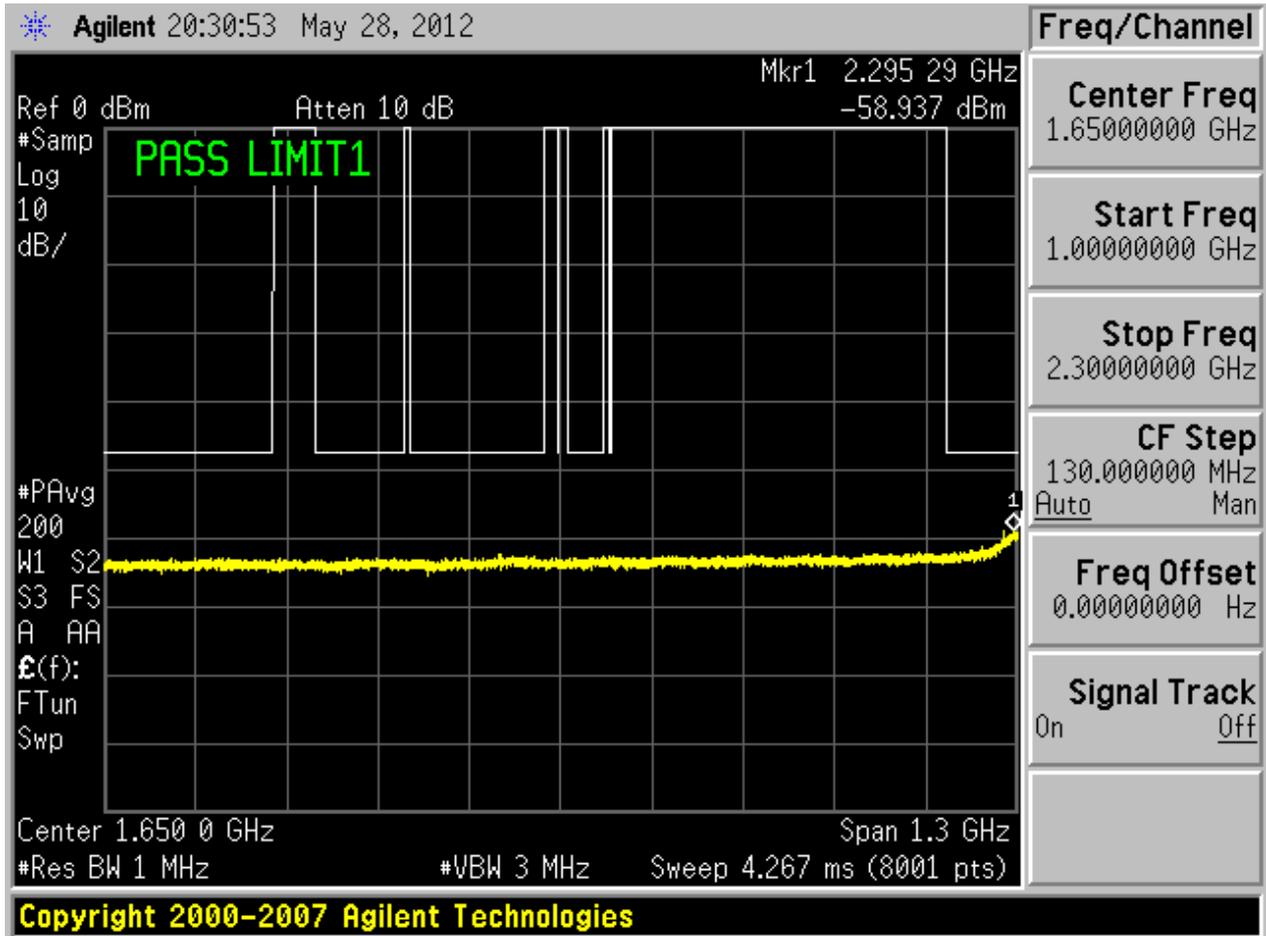


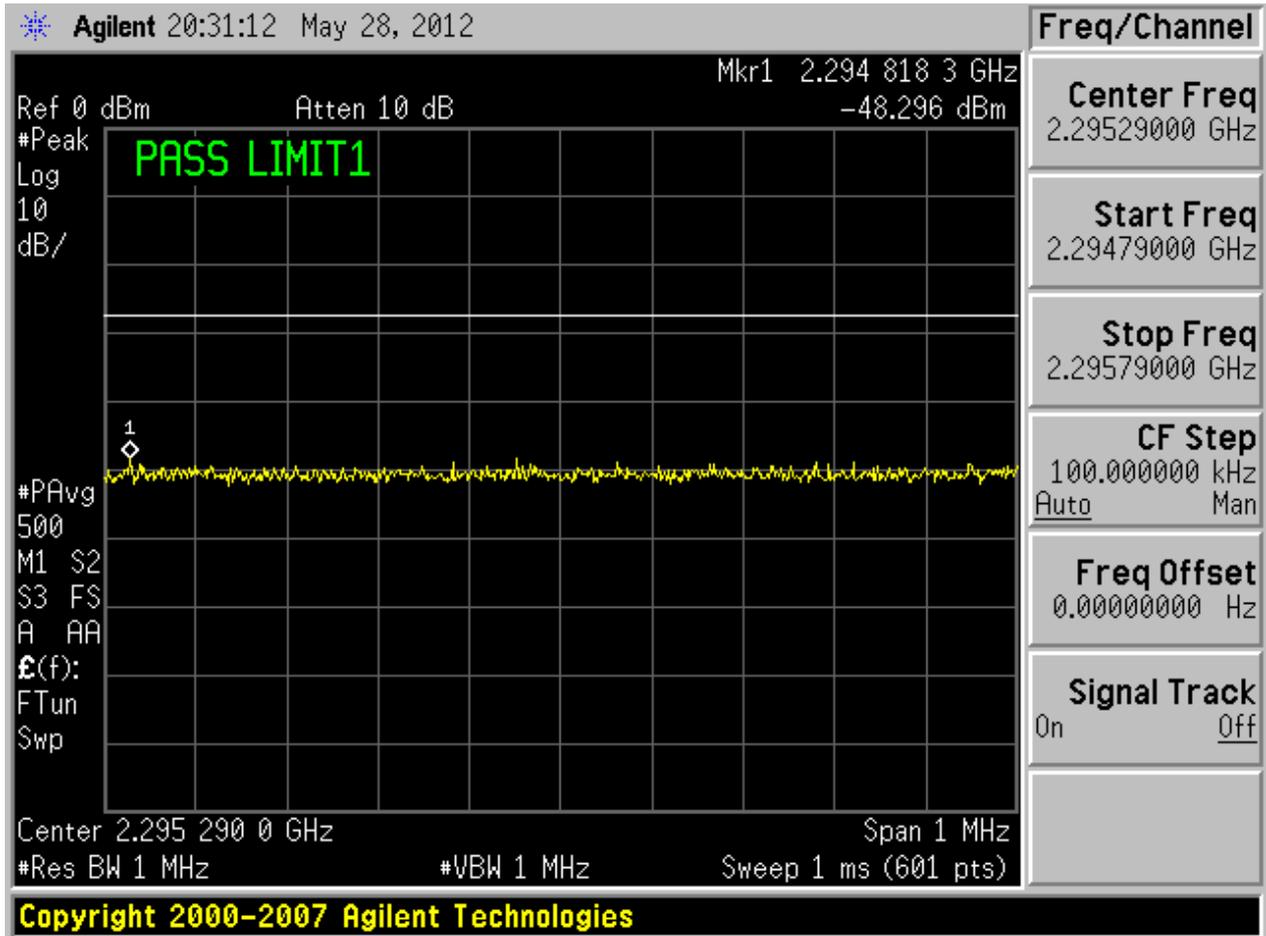
2.21.2 Ant 2

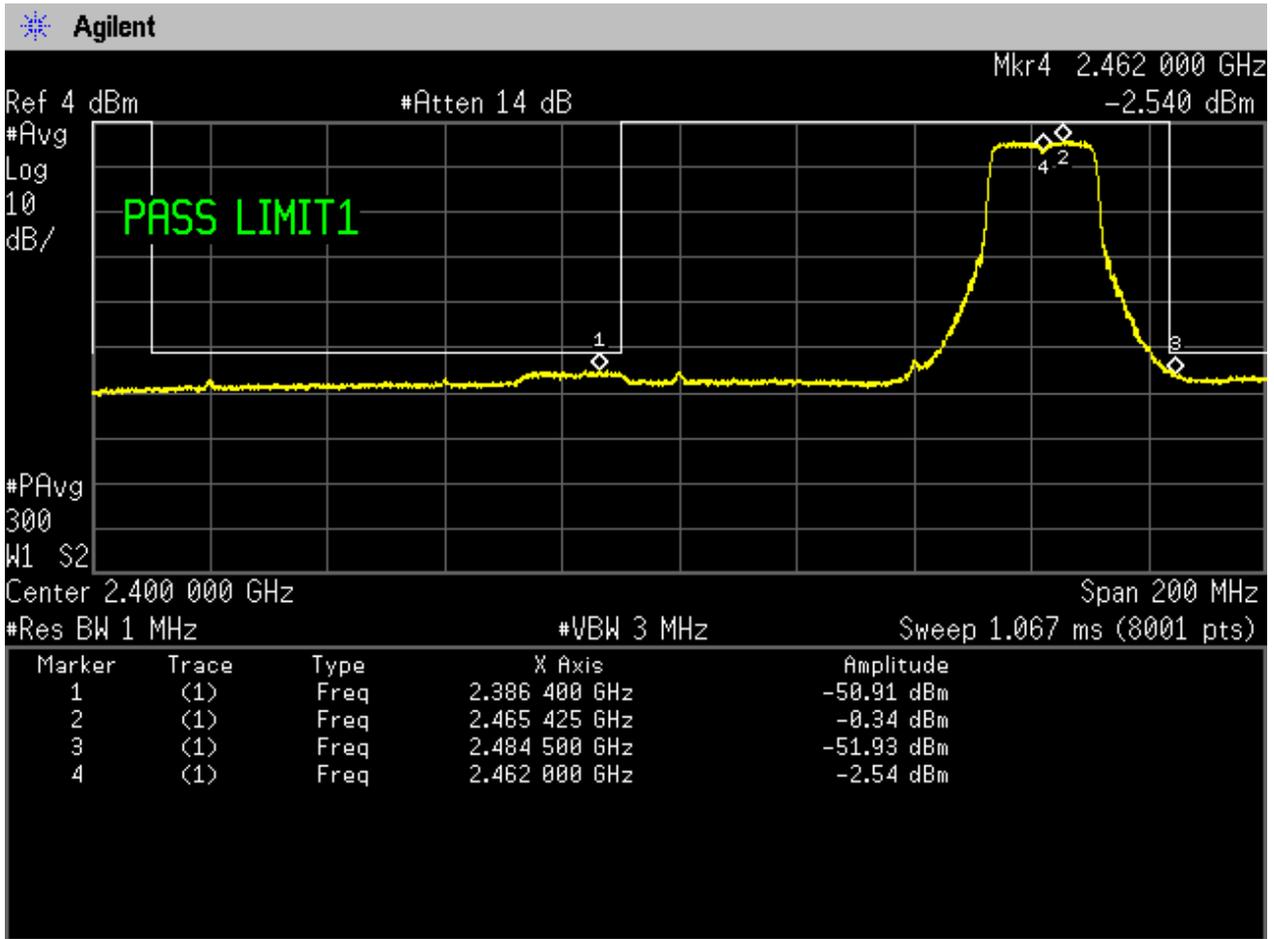


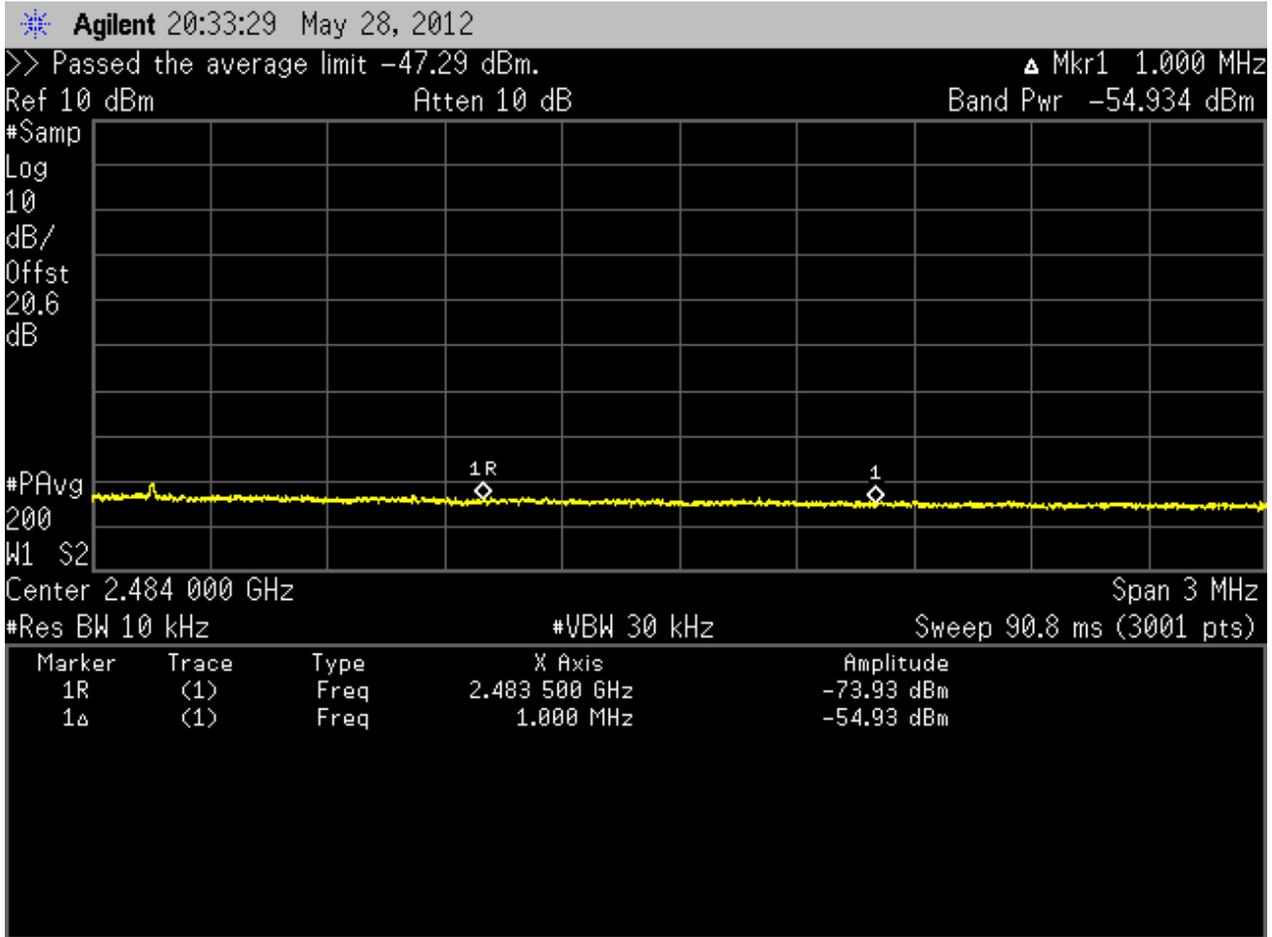


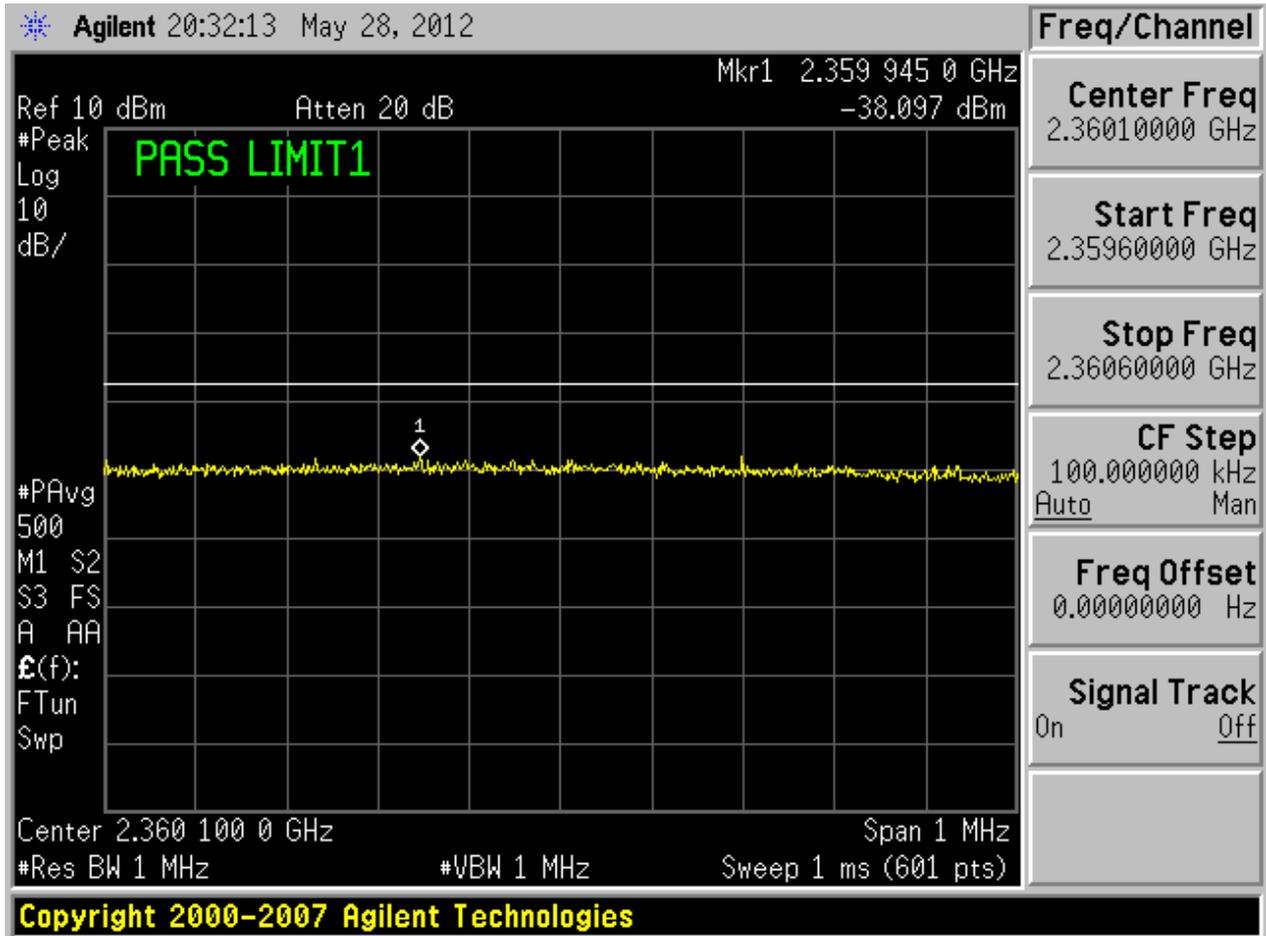


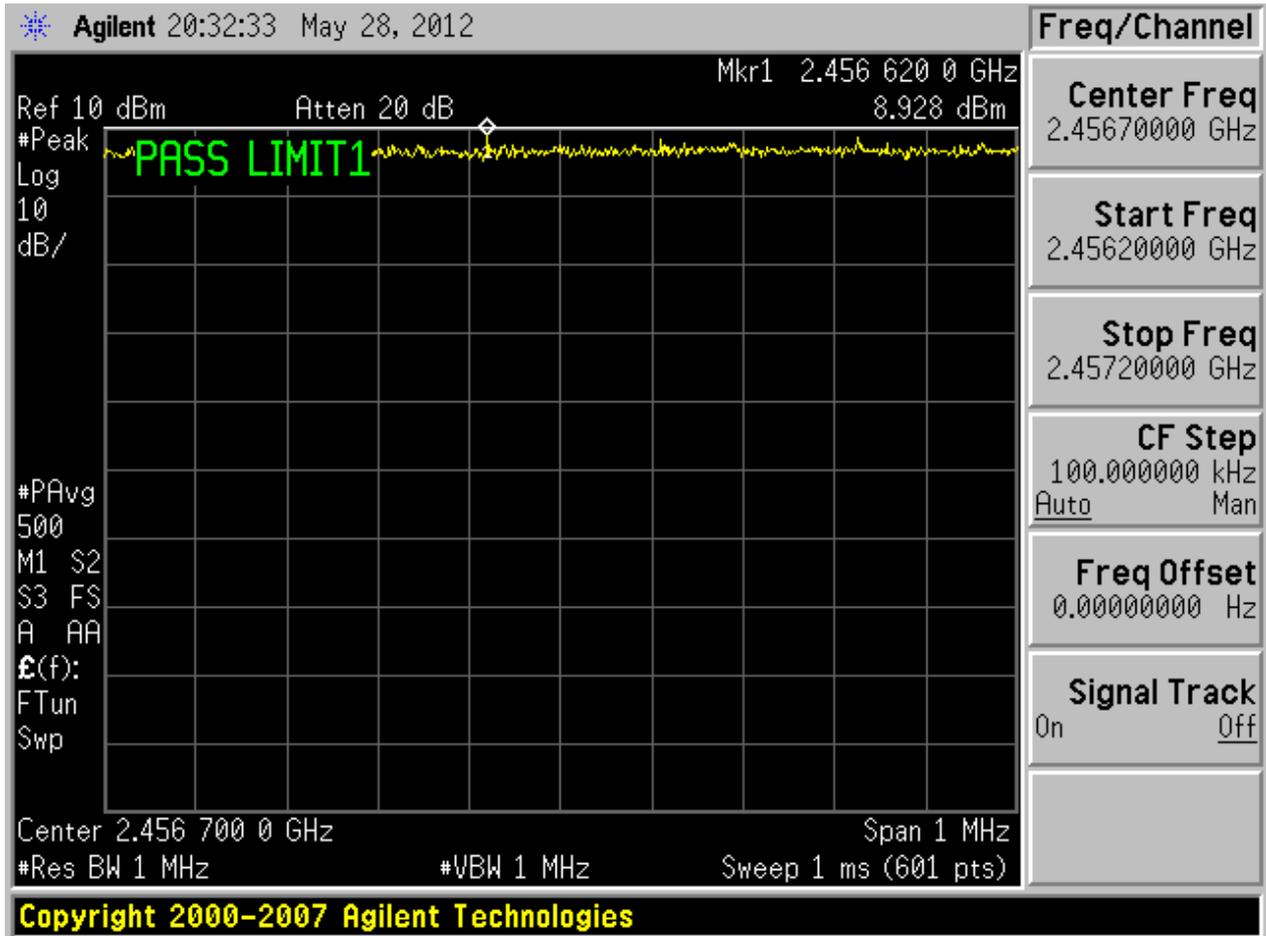


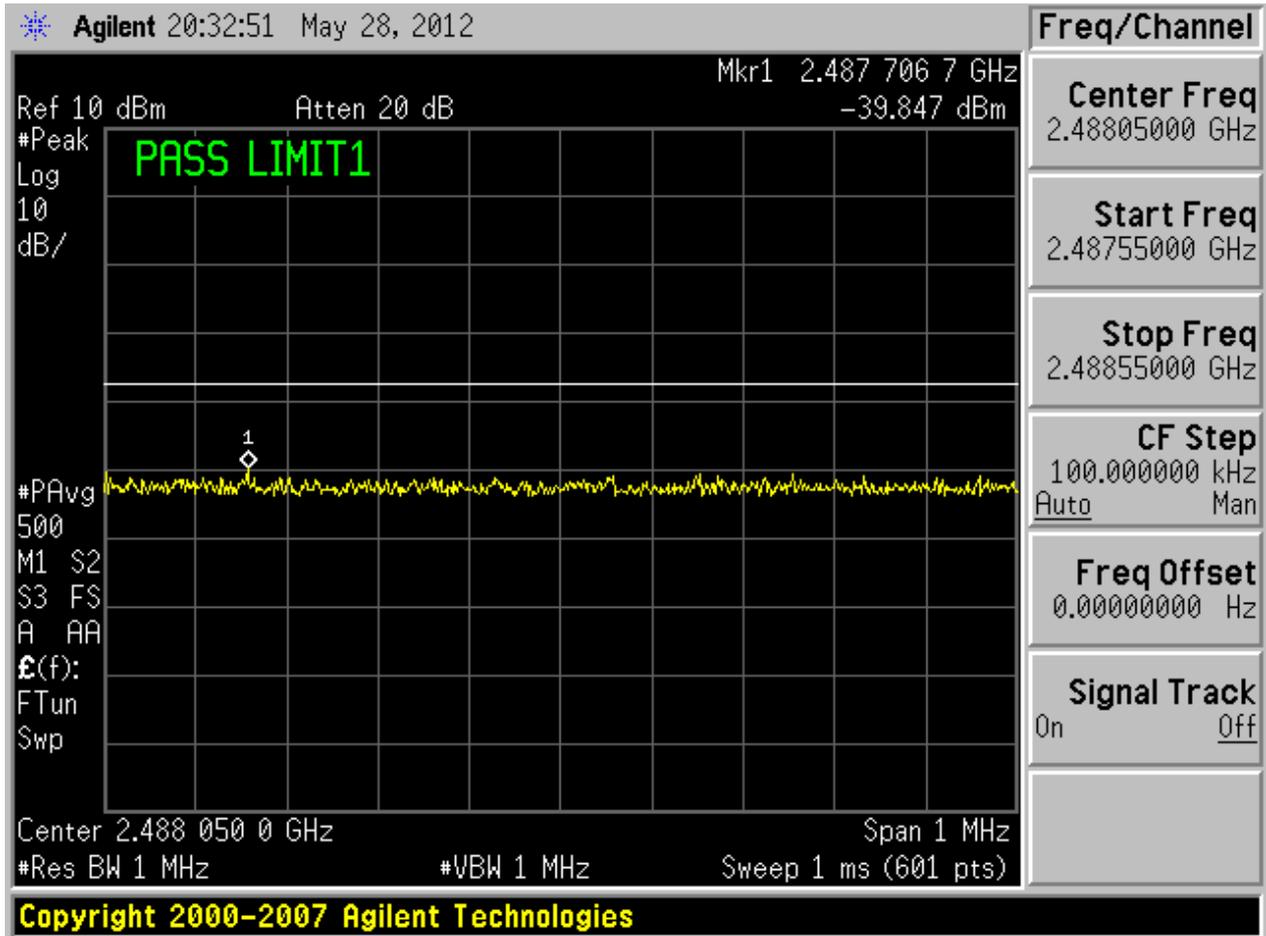


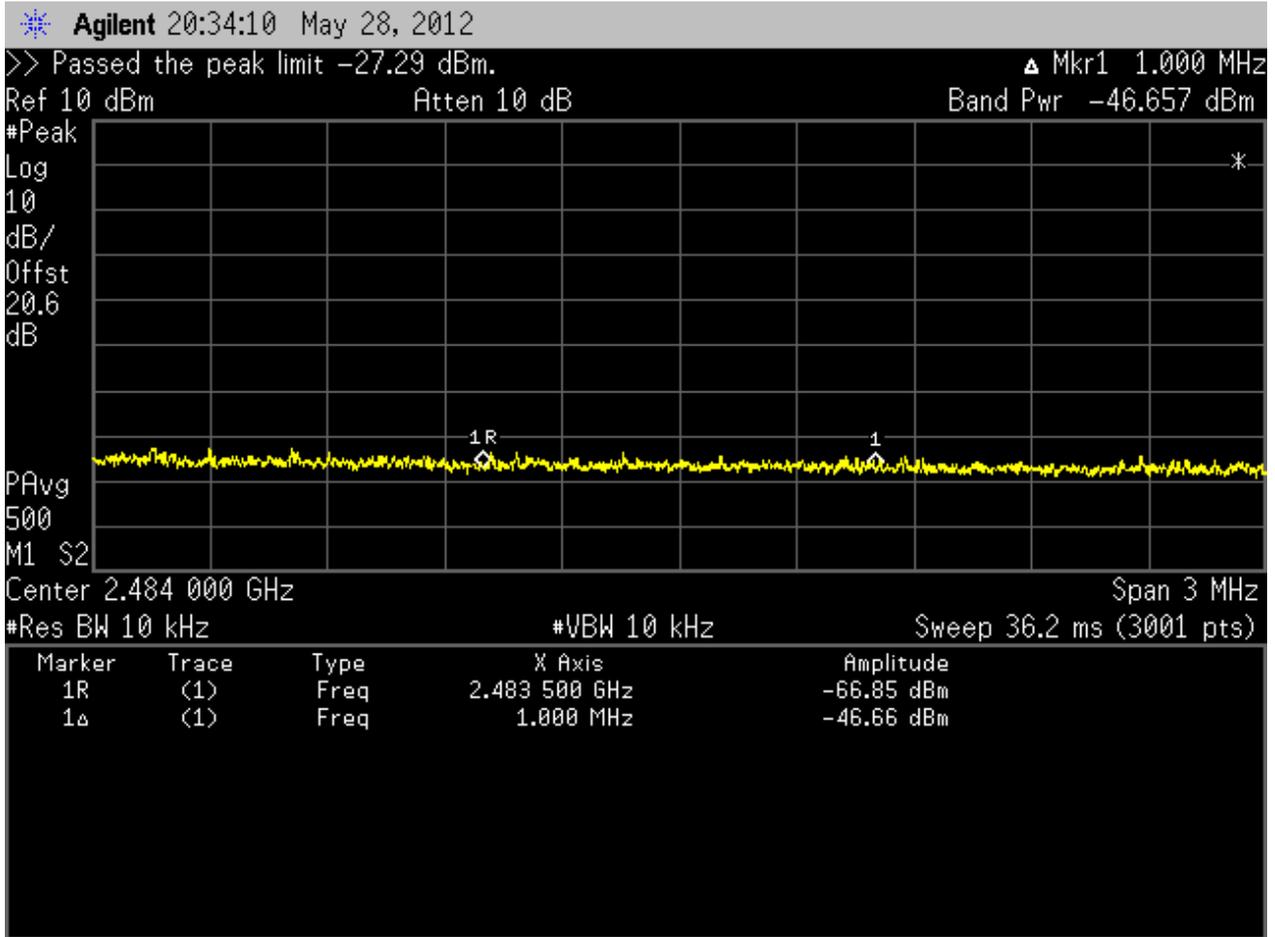


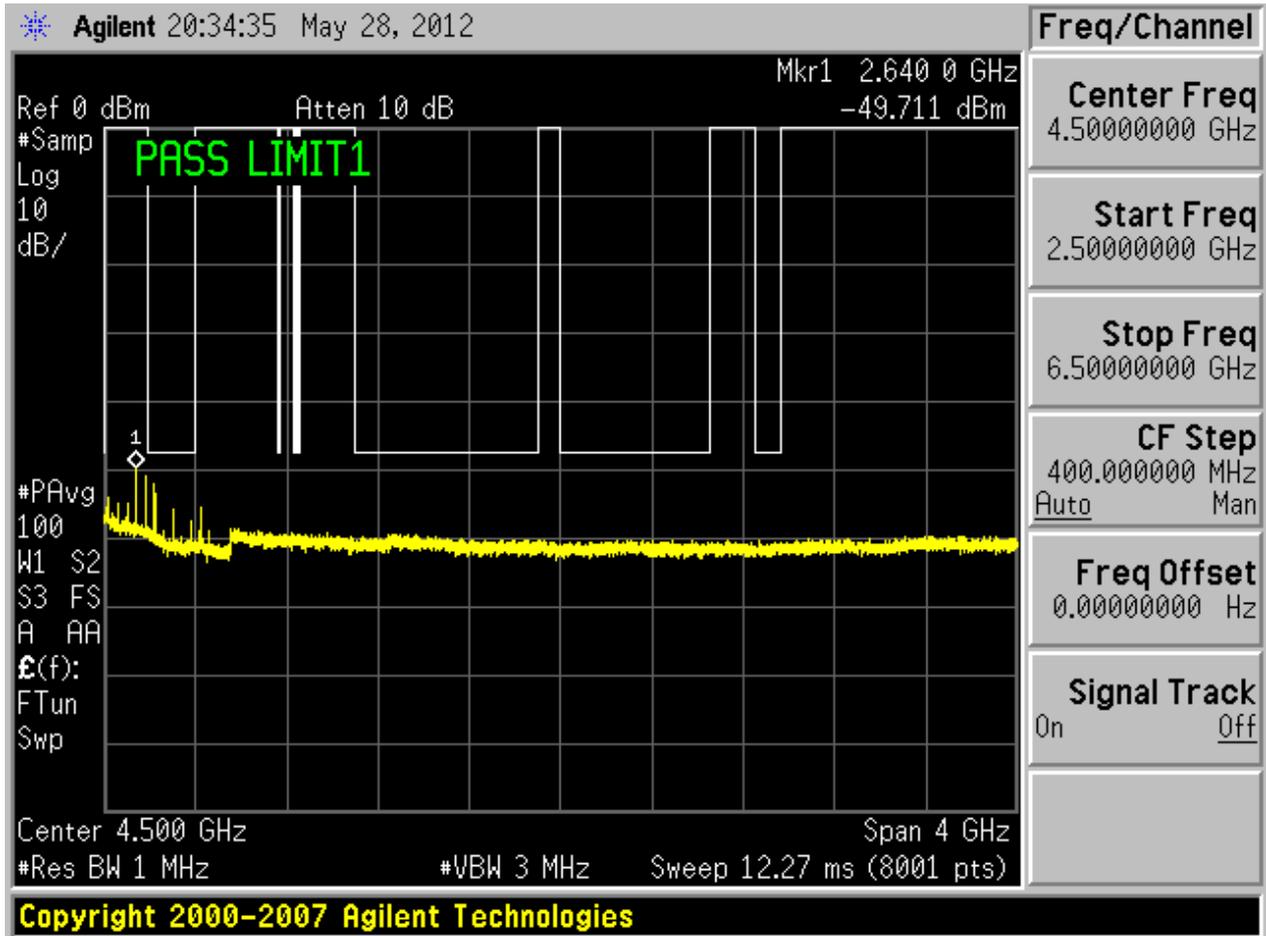


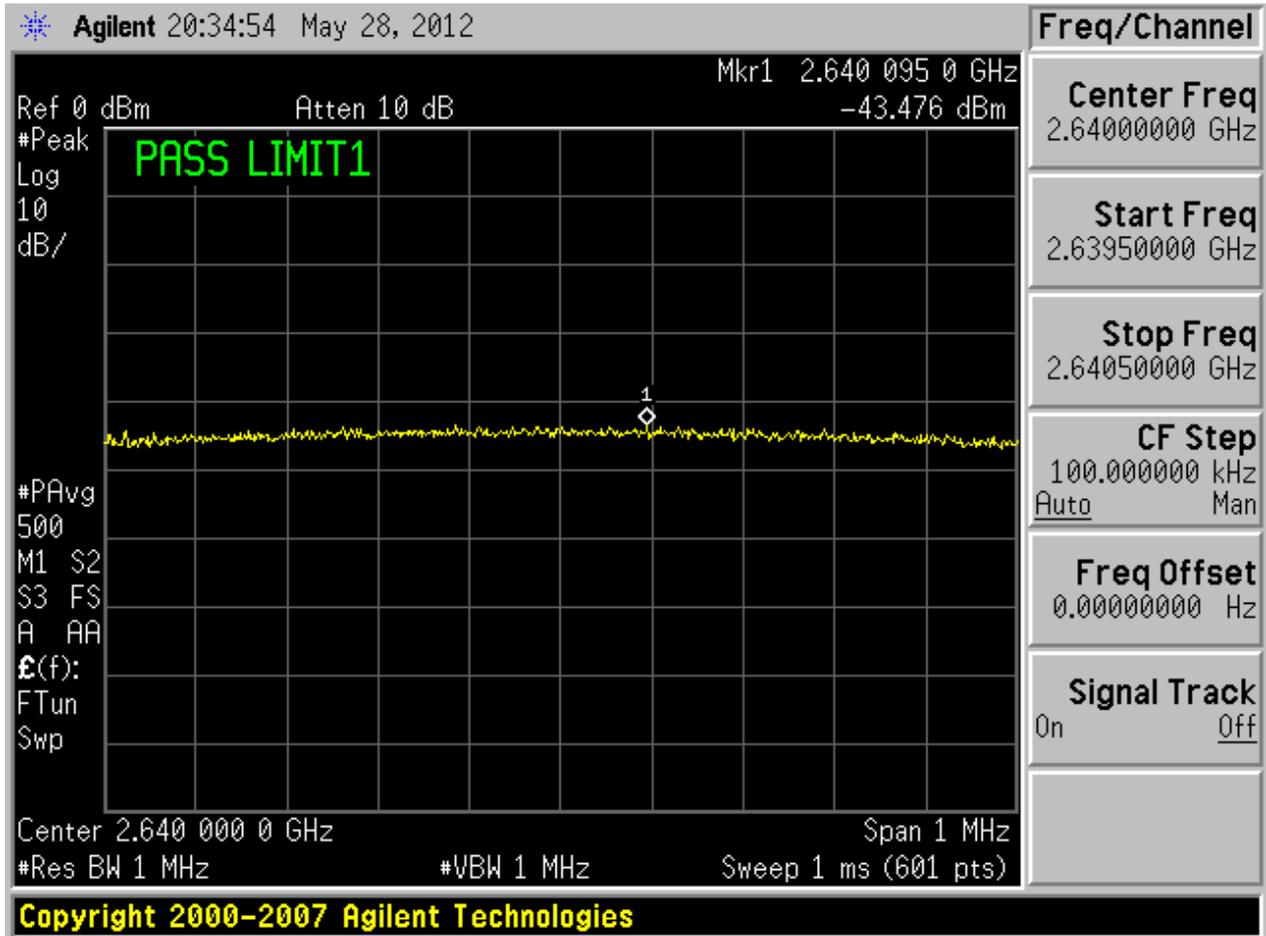


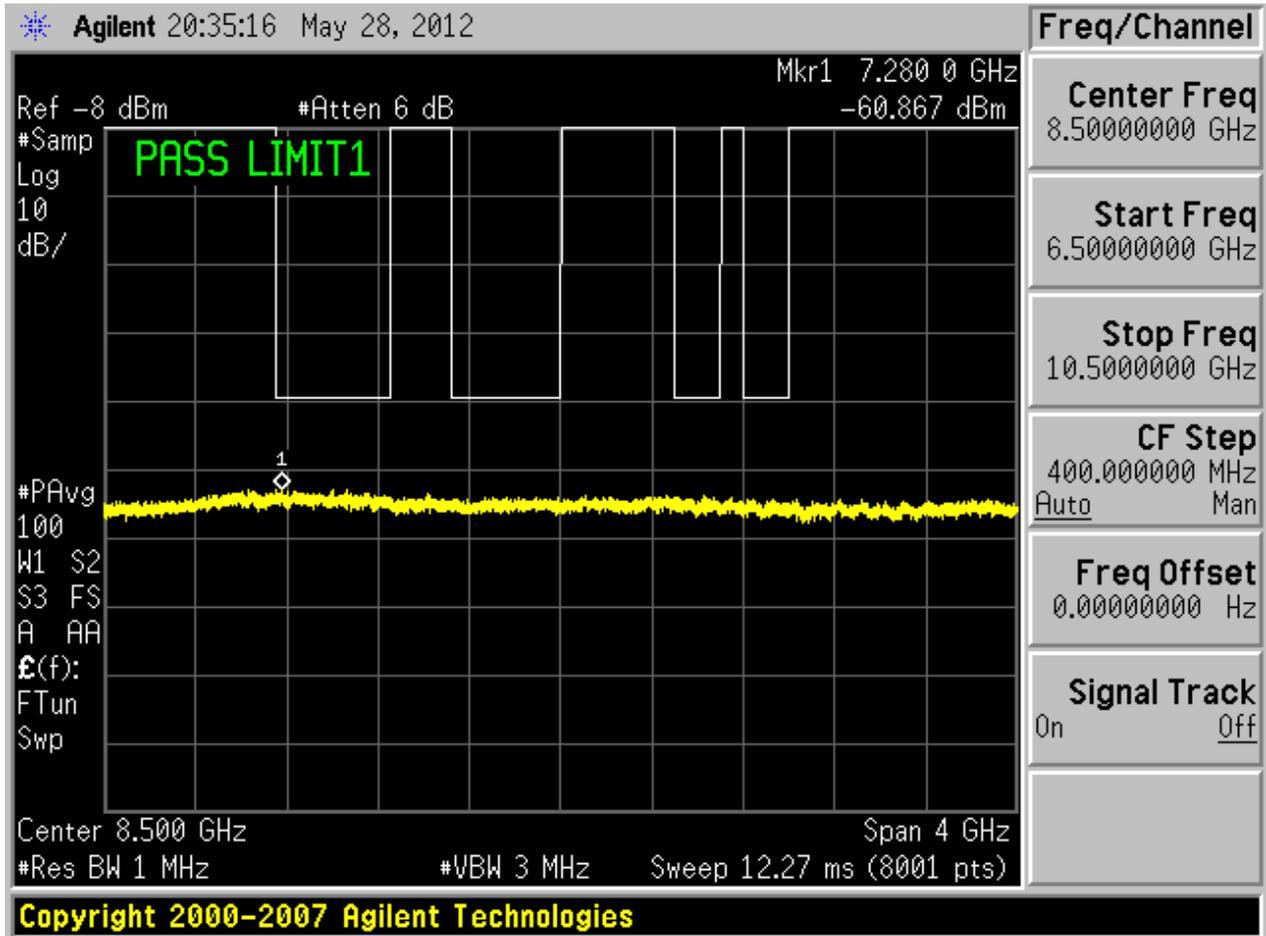


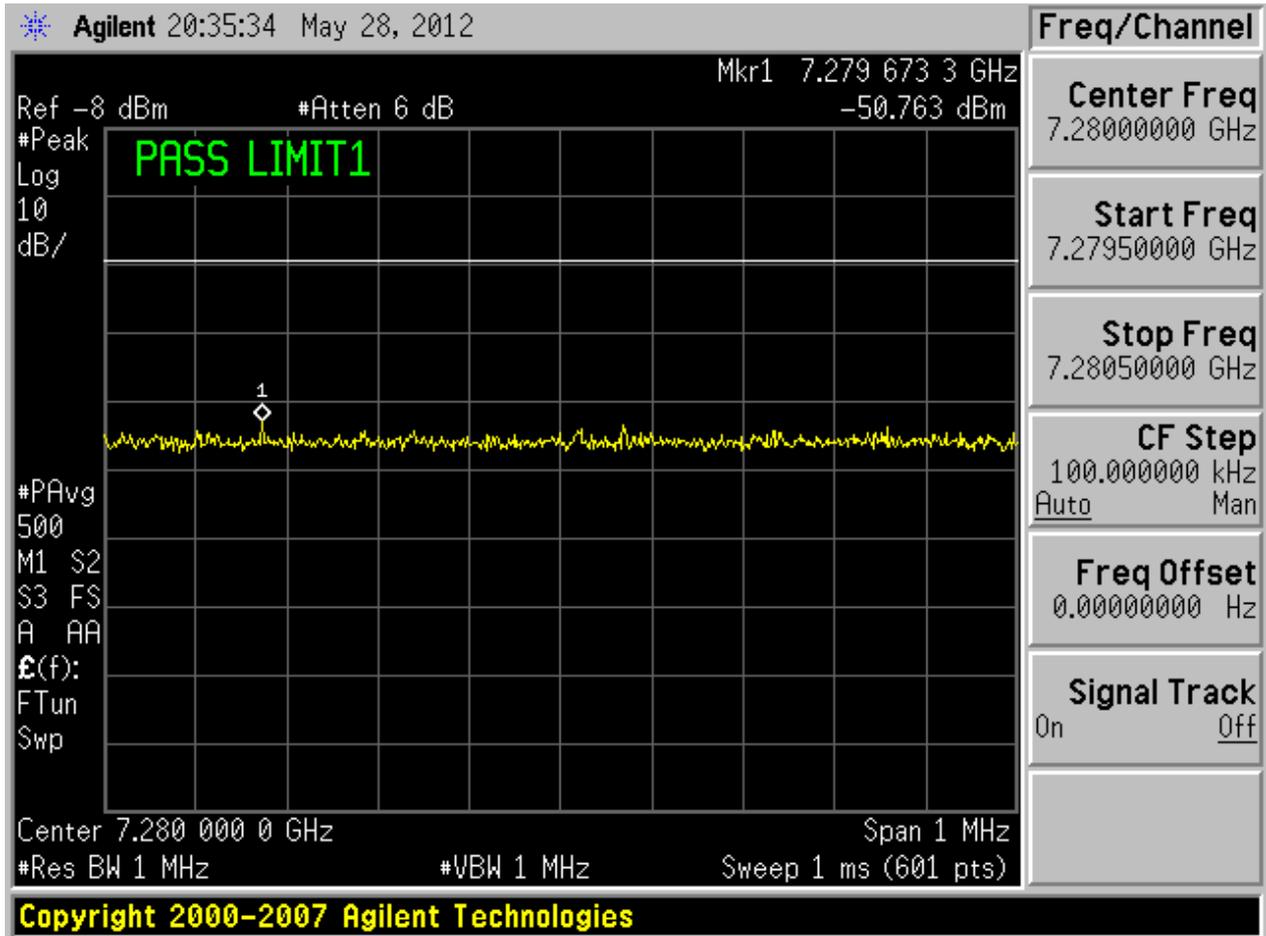


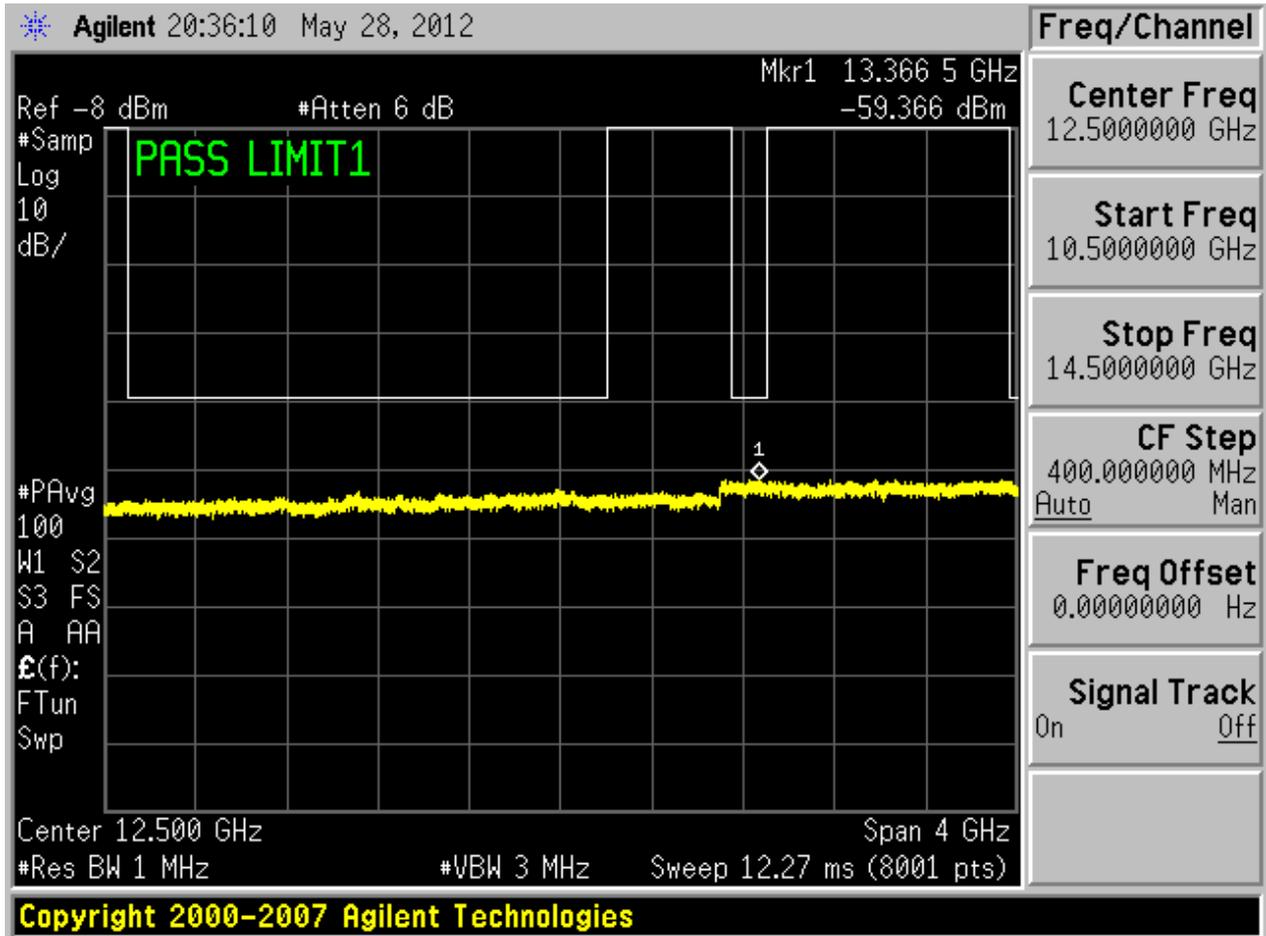


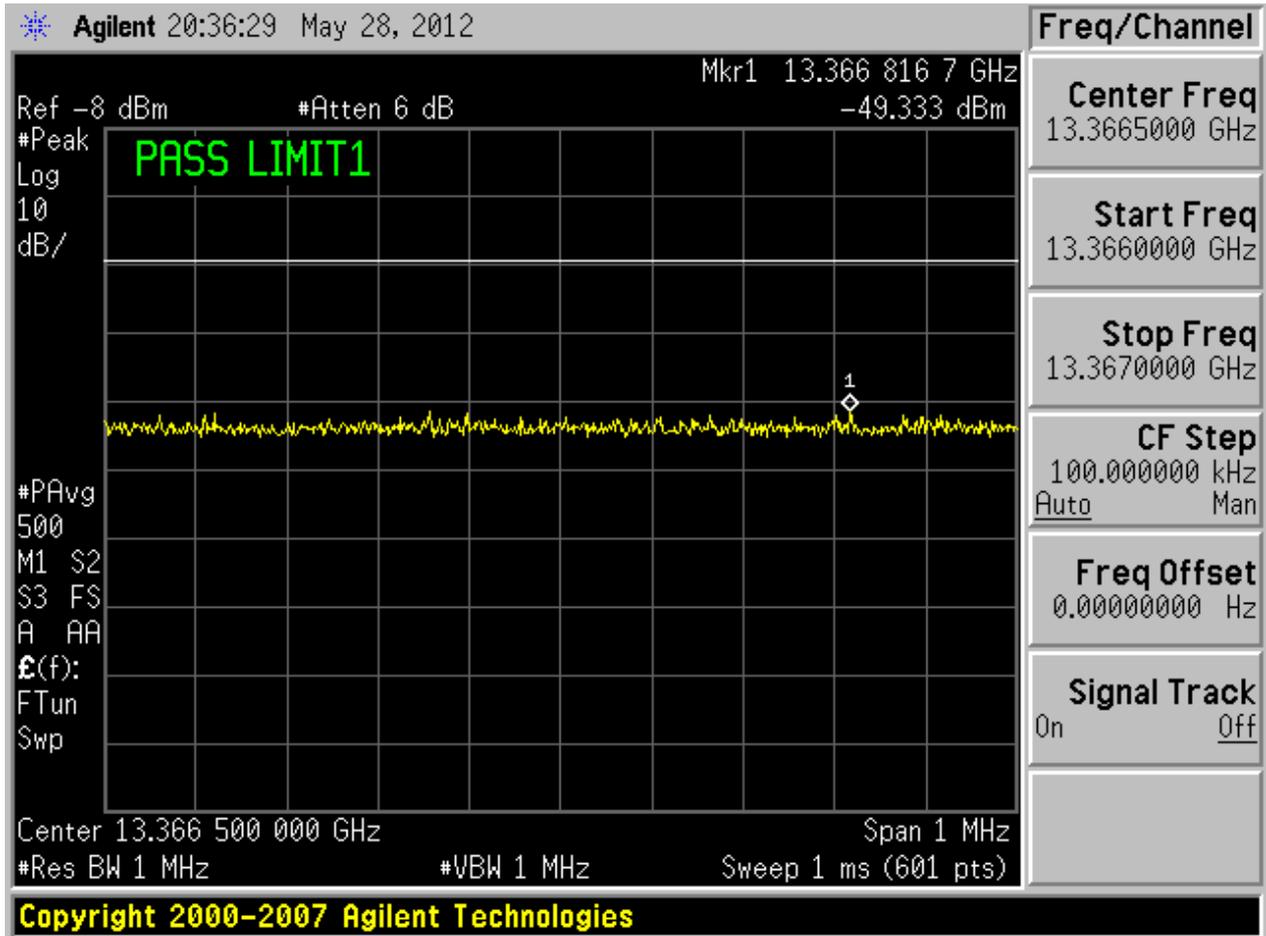


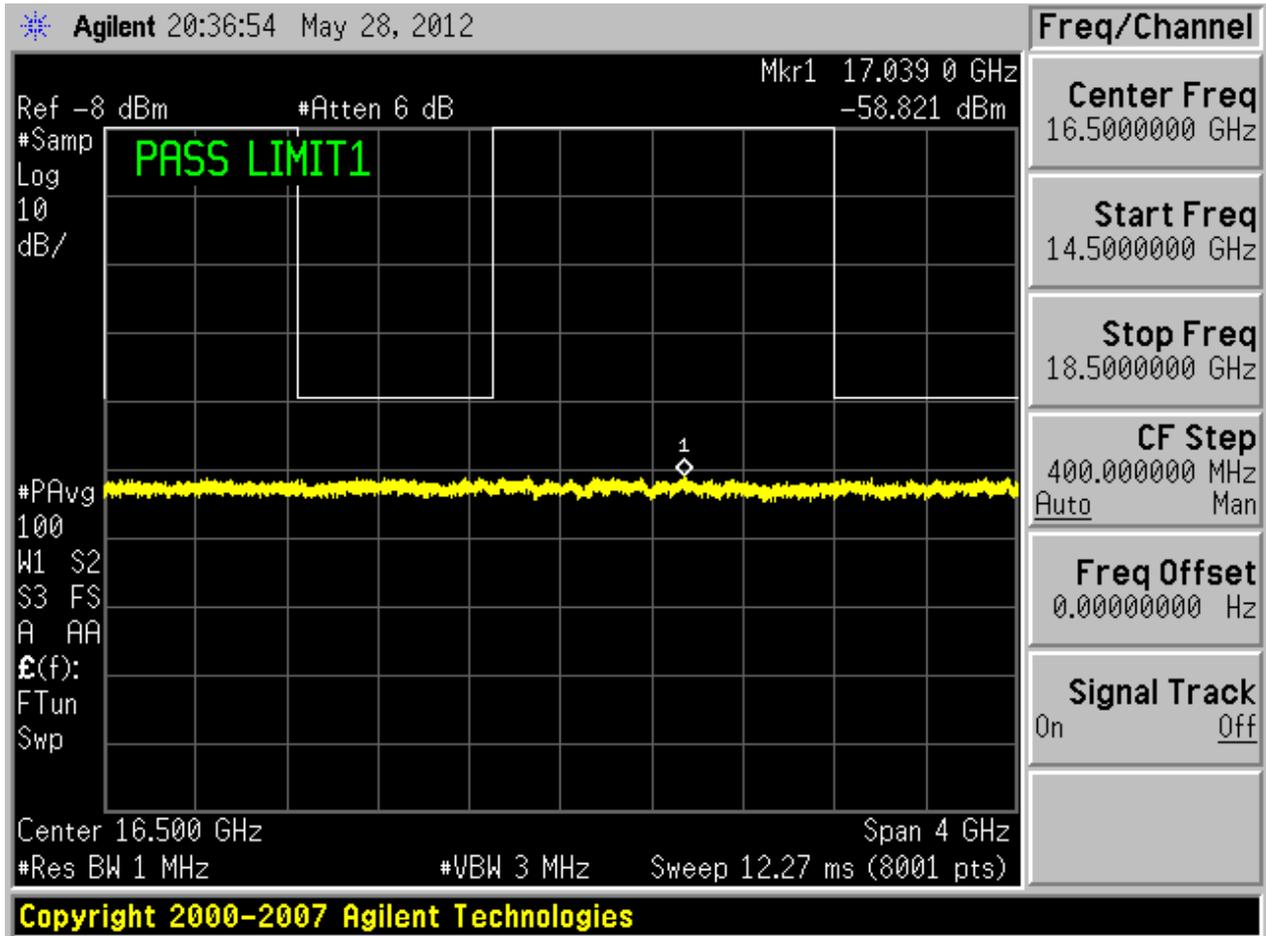


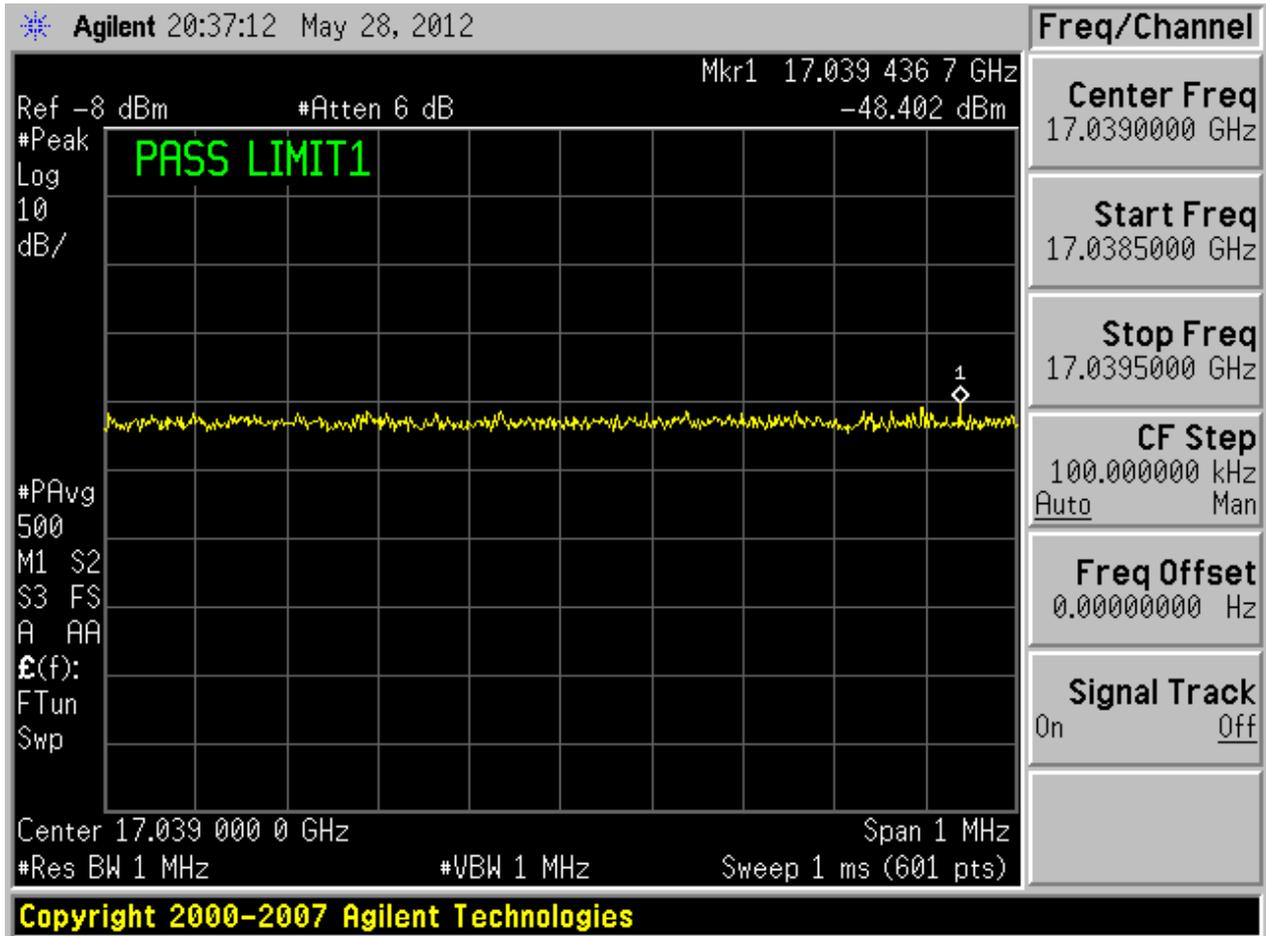


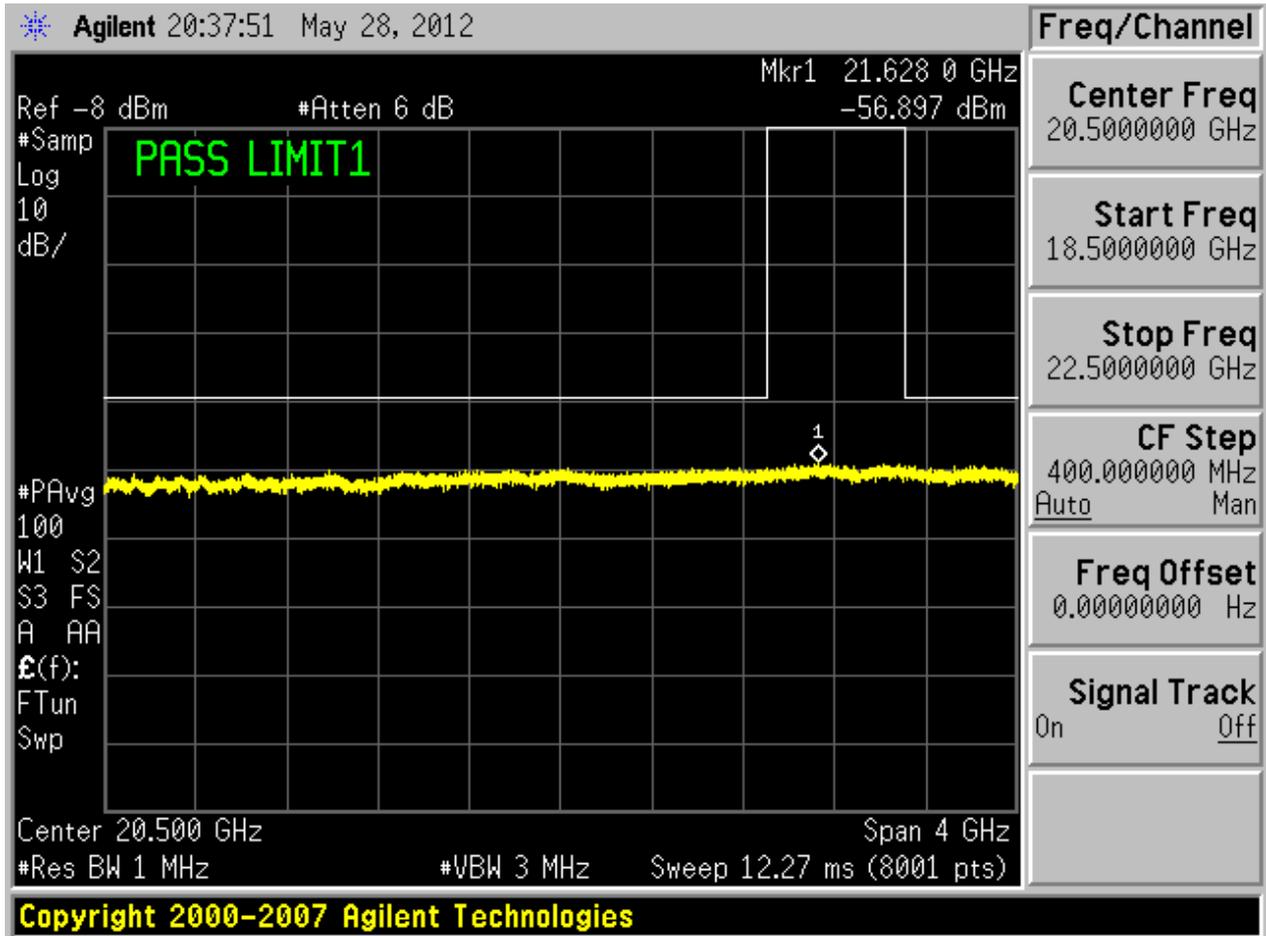


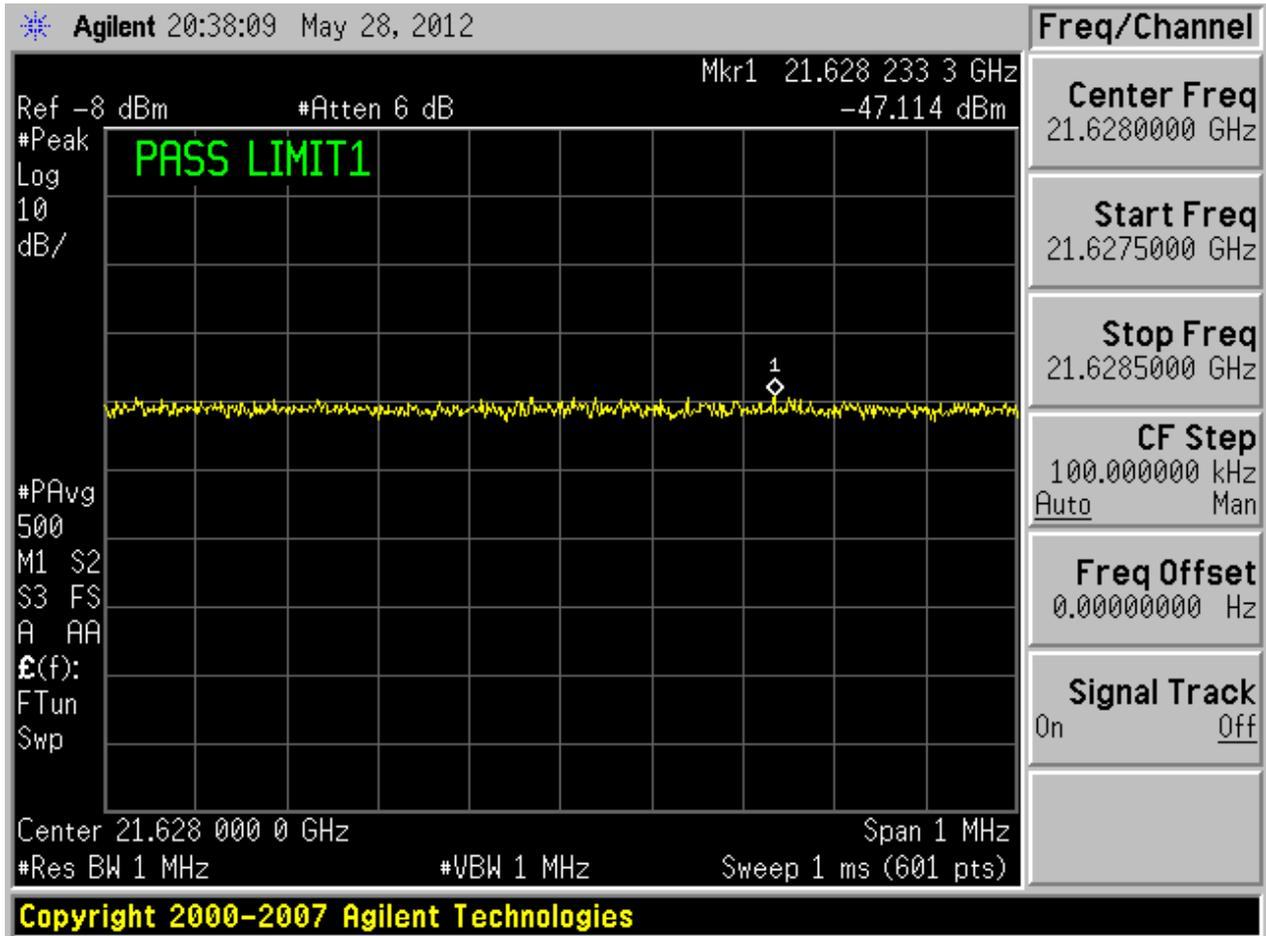


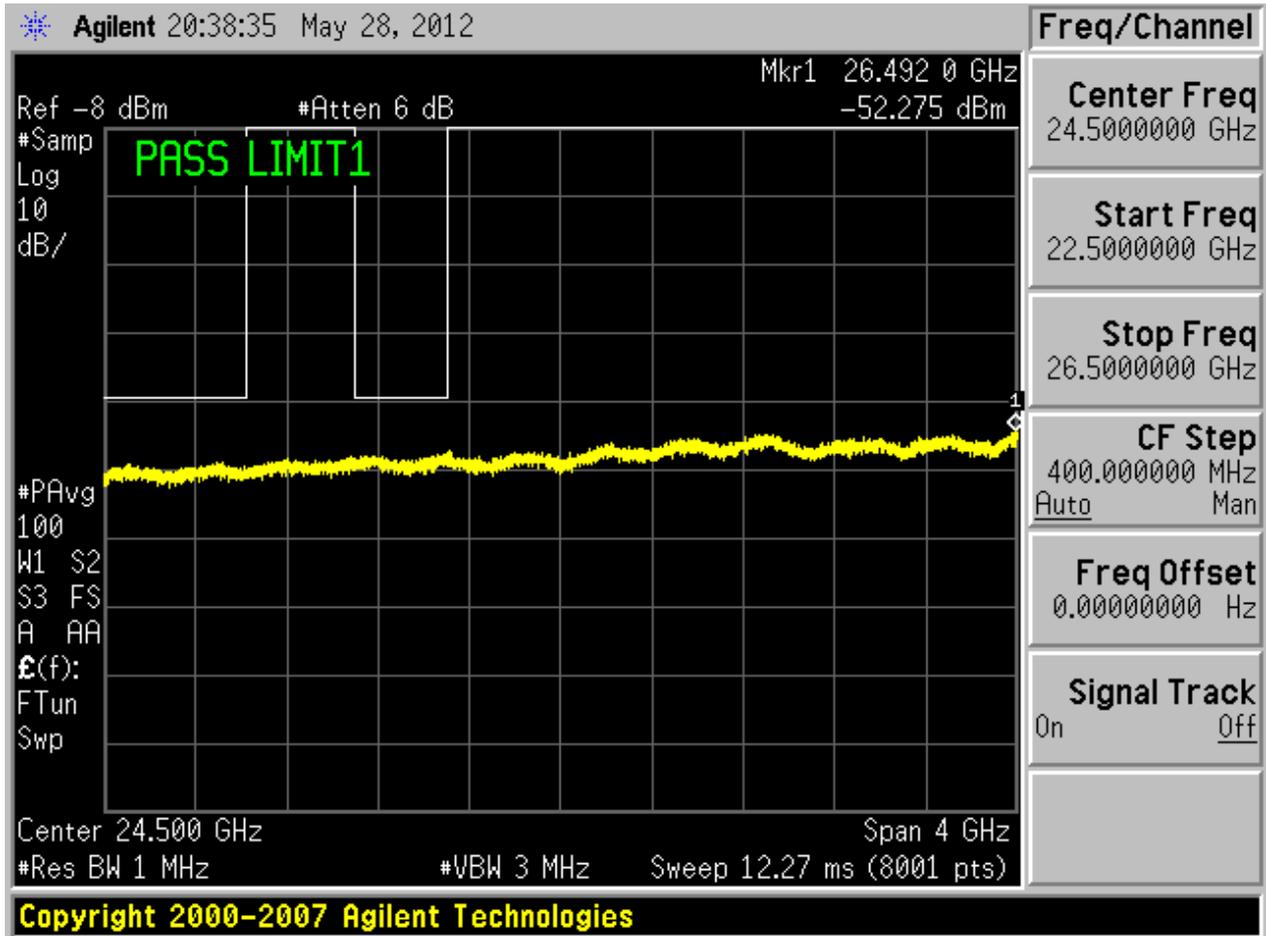


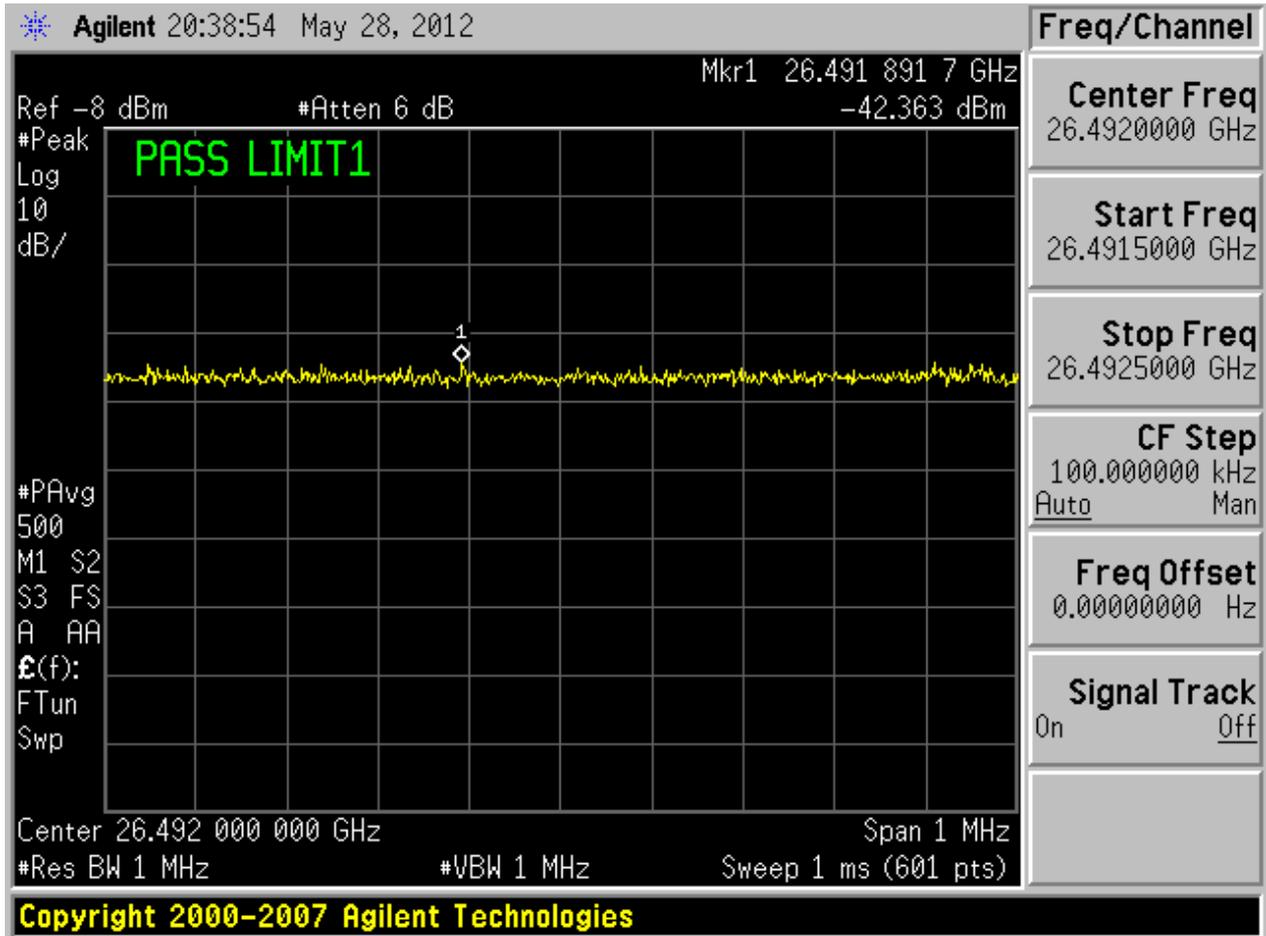












2.21.3 Further procedure for failed-plots in the range of 2300 to 2500 MHz

(not applicable)



Appendix E.2: Unwanted Emissions into Restricted Frequency Bands (Radiated)

1 Result Table

NOTE 1: The whole testing range is from “30 MHz to 26.5 GHz (10th harmonics)” is divided into 4 parts according to the test site settings, which are:

- Part 1: Test range of “30 MHz to 1 GHz”,
- Part 2: Test range of “1 GHz to 3 GHz”,
- Part 3: Test range of “3 GHz to 18 GHz”.
- Part 4: Test range of “18 GHz to 26.5 GHz”.

NOTE 2: For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at all chains to get a final result. The result is the directly measured sum of each chain.

NOTE 3: In this document, may only the test results and plots under the worst case are reported. The “< Limit” in results table denotes “Not found obvious spikes, or see marked spikes on plots or listed emissions in result tables”.

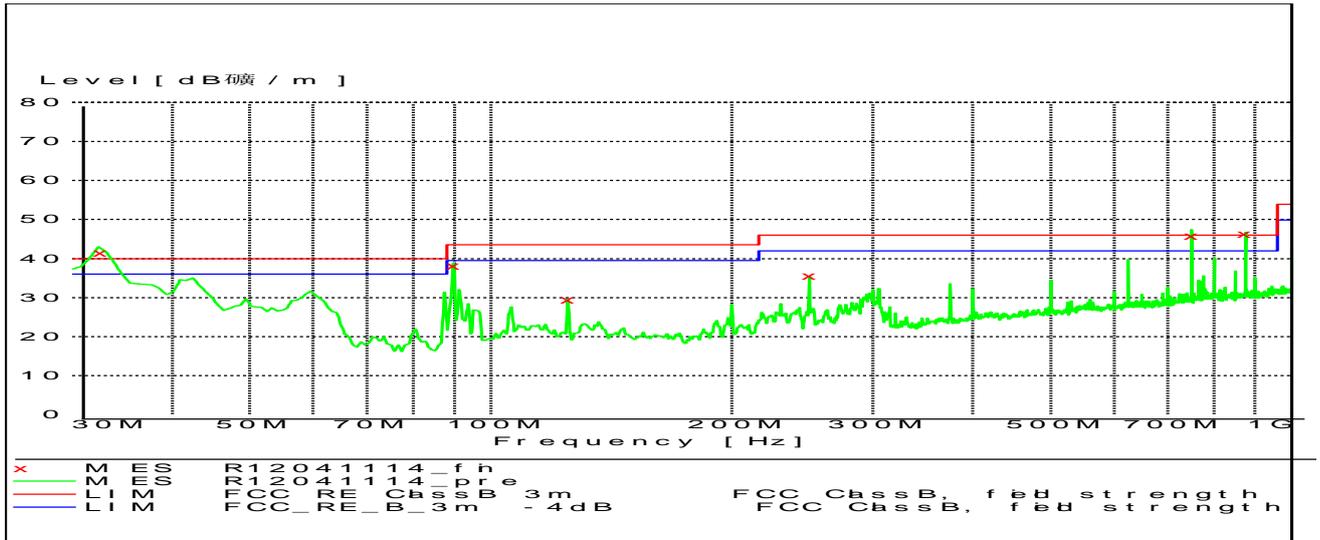
| EUT Placement | Test Range | EUT Conf. | Maximum Emissions | Verdict |
|---------------|--------------------|-------------------------|-------------------|---------|
| Flatwise | 30 MHz to 1 GHz | Worst Conf. (11B/1_B@1) | < Limit | Pass |
| | 1 GHz to 3 GHz | 11B/1_B@1 | < Limit | Pass |
| | | 11B/1_T@1 | < Limit | Pass |
| | | 11G/6_B@1 | < Limit | Pass |
| | | 11G/6_T@1 | < Limit | Pass |
| | | 11N20/0_B@1 | < Limit | Pass |
| | | 11N20/0_T@1 | < Limit | Pass |
| | | 11N20m/8_B@1+2 | < Limit | Pass |
| | | 11N20m/8_T@1+2 | < Limit | Pass |
| | 3 GHz to 18 GHz | Worst Conf. (11B/1_B@1) | < Limit | Pass |
| | 18 GHz to 26.5 GHz | Worst Conf. (11B/1_B@1) | < Limit | Pass |

2 Result Plot

2.1 EUT Placement: Flatwise

2.1.1 Test range of "30 MHz to 1 GHz"

2.1.1.1 Worst Conf. (11B/1_B@1)



MEASUREMENT RESULT: "R12041114_fin"

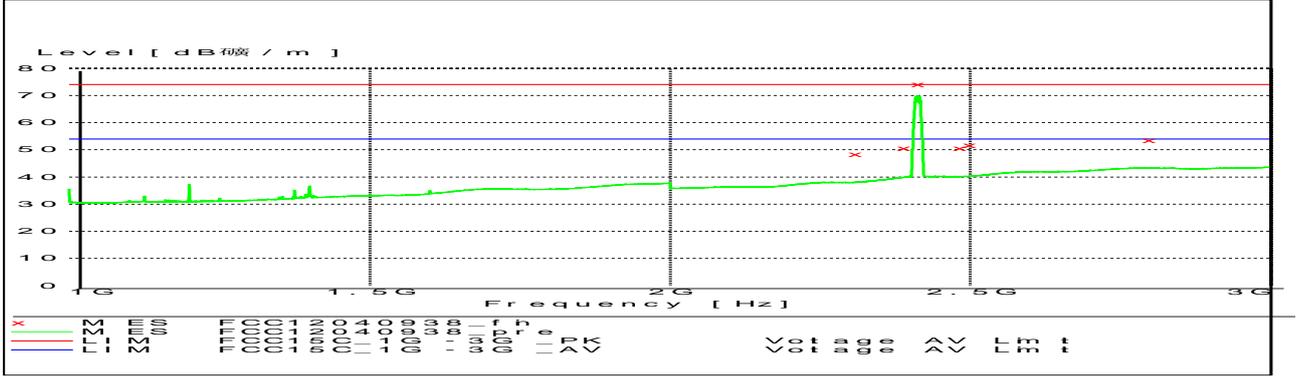
4/11/2012 9:14PM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. | Height cm | Azimuth deg | Polarization deg | |
|------------------|-----------------|--------------|-----------------|--------------|------|--------------|----------------|---------------------|--------|
| 32.580000 | 41.60 | -4.3 | 40.0 | -1.6 | QP | 100.0 | 1.00 | VERTICAL | (Note) |
| 89.820000 | 38.20 | -11.2 | 43.5 | 5.3 | QP | 368.0 | 182.00 | HORIZONTAL | |
| 124.980000 | 29.60 | -8.4 | 43.5 | 13.9 | QP | 239.0 | 183.00 | HORIZONTAL | |
| 250.020000 | 35.70 | -6.9 | 46.0 | 10.3 | QP | 117.0 | 18.00 | HORIZONTAL | |
| 750.000000 | 45.80 | 2.1 | 46.0 | 0.2 | QP | 100.0 | 234.00 | HORIZONTAL | (Note) |
| 875.040000 | 46.30 | 3.6 | 46.0 | -0.3 | QP | 100.0 | 310.00 | HORIZONTAL | (Note) |

Note: the frequency with negative or little margin is not within restricted band, i.e. the frequency is exempted from limit requirement.

2.1.2 Test range of "1 GHz to 3 GHz"

2.1.2.1 11B/1_B@1

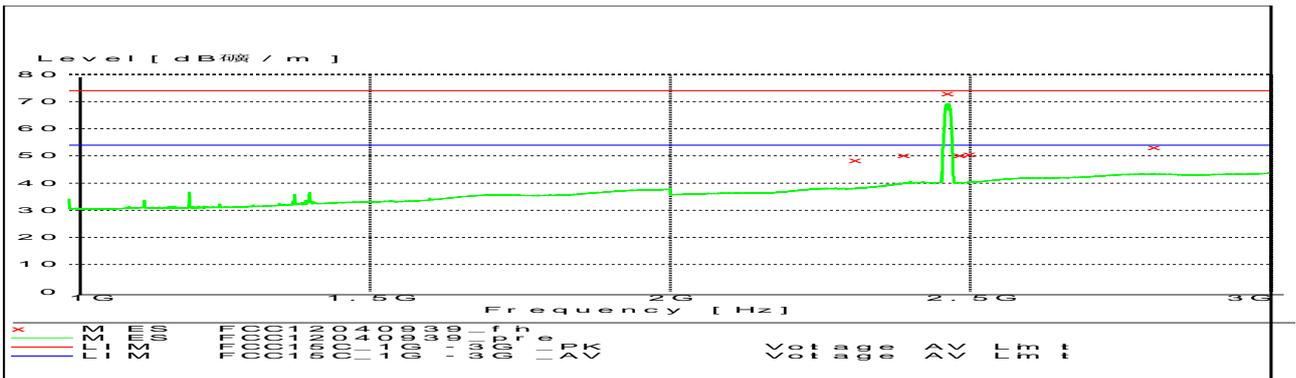


MEASUREMENT RESULT: "FCC12040938_fin"

4/10/2012 2:01AM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. dB | Height cm | Azimuth deg | Polarization |
|--------------------|-----------------|--------------|-----------------|--------------|------------|--------------|----------------|-----------------|
| 2309.920000 | 48.50 | 0.1 | 74.0 | 25.5 | PK | 200.0 | 270.00 | HORIZONTAL |
| 2389.920000 | 50.60 | 0.5 | 74.0 | 23.4 | PK | 100.0 | 90.00 | HORIZONTAL |
| 2413.600000 | 74.00 | 0.6 | 74.0 | 0.0 | PK | 100.0 | 270.00 | VERTICAL |
| 2483.680000 | 50.50 | 0.9 | 74.0 | 23.5 | PK | 200.0 | 90.00 | HORIZONTAL |
| 2500.000000 | 51.50 | 1.0 | 74.0 | 22.5 | PK | 200.0 | 180.00 | VERTICAL |
| 2799.600000 | 53.50 | 3.2 | 74.0 | 20.5 | PK | 200.0 | 270.00 | HORIZONTAL |

2.1.2.2 11B/1_T@1



MEASUREMENT RESULT: "FCC12040939_fin"

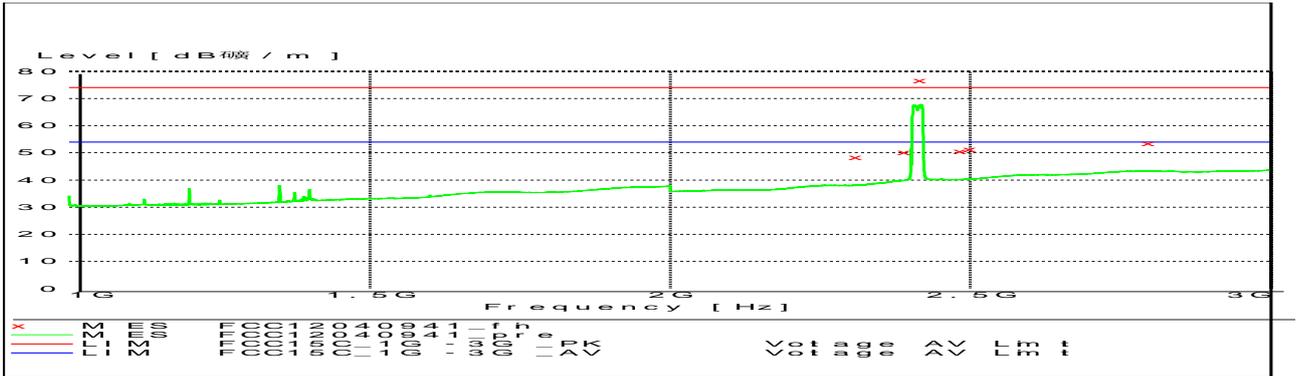
4/10/2012 2:13AM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. dB | Height cm | Azimuth deg | Polarization |
|------------------|-----------------|--------------|-----------------|--------------|------------|--------------|----------------|--------------|
| 2309.920000 | 48.40 | 0.1 | 74.0 | 25.6 | PK | 200.0 | 270.00 | VERTICAL |



| | | | | | | | | |
|-------------|-------|-----|------|------|----|-------|--------|------------|
| 2390.080000 | 50.00 | 0.5 | 74.0 | 24.0 | PK | 200.0 | 270.00 | VERTICAL |
| 2463.680000 | 73.10 | 0.8 | 74.0 | 0.9 | PK | 200.0 | 270.00 | VERTICAL |
| 2483.520000 | 50.20 | 0.9 | 74.0 | 23.8 | PK | 200.0 | 270.00 | HORIZONTAL |
| 2500.000000 | 50.70 | 1.0 | 74.0 | 23.3 | PK | 100.0 | 270.00 | VERTICAL |
| 2806.400000 | 53.30 | 3.2 | 74.0 | 20.7 | PK | 200.0 | 180.00 | HORIZONTAL |

2.1.2.3 11G/6_B@1

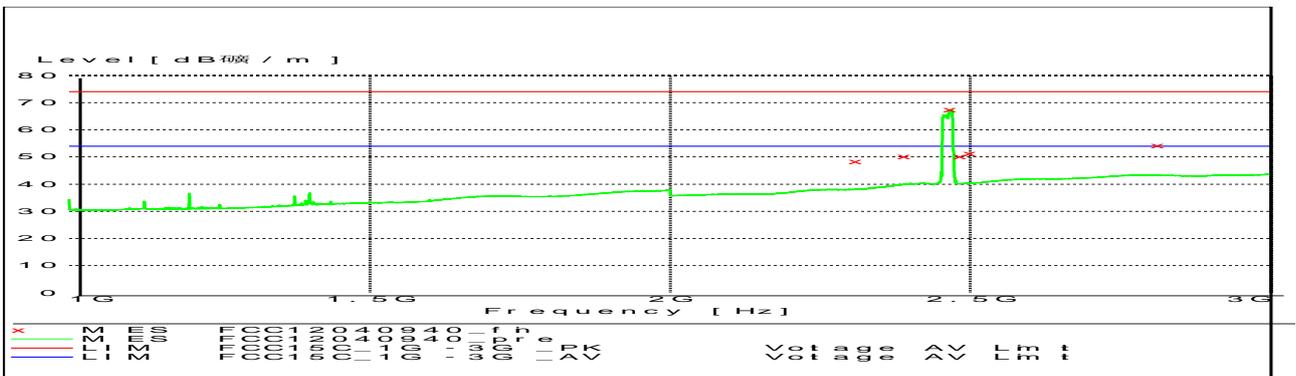


MEASUREMENT RESULT: "FCC12040941_fin"

4/10/2012 2:36AM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. | Height cm | Azimuth deg | Polarization |
|--------------------|-----------------|--------------|-----------------|--------------|-----------|--------------|----------------|-----------------|
| 2310.080000 | 48.30 | 0.1 | 74.0 | 25.7 | PK | 200.0 | 0.00 | HORIZONTAL |
| 2390.240000 | 50.00 | 0.5 | 74.0 | 24.0 | PK | 100.0 | 90.00 | VERTICAL |
| 2416.640000 | 76.80 | 0.6 | 74.0 | -2.8 | PK | 100.0 | 270.00 | VERTICAL |
| 2483.520000 | 50.60 | 0.9 | 74.0 | 23.4 | PK | 100.0 | 90.00 | VERTICAL |
| 2500.000000 | 51.10 | 1.0 | 74.0 | 22.9 | PK | 100.0 | 90.00 | HORIZONTAL |
| 2796.800000 | 53.40 | 3.2 | 74.0 | 20.6 | PK | 200.0 | 270.00 | VERTICAL |

2.1.2.4 11G/6_T@1



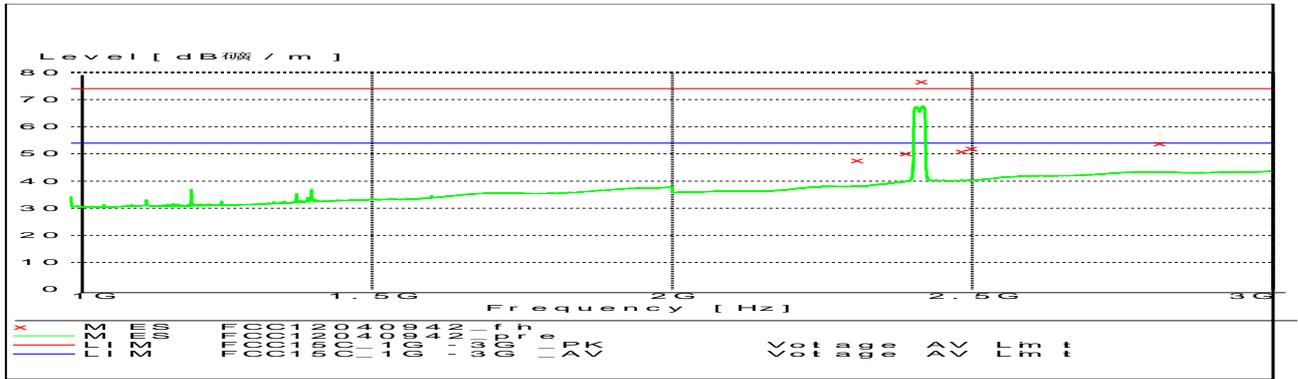


MEASUREMENT RESULT: "FCC12040940_fin"

4/10/2012 2:25AM

| Frequency MHz | Level dB μ V/m | Transd dB | Limit dB μ V/m | Margin dB | Det. | Height | Azimuth cm | Polarization deg |
|------------------|-----------------------|--------------|-----------------------|--------------|------|--------|---------------|---------------------|
| 2310.240000 | 48.20 | 0.1 | 74.0 | 25.8 | PK | 100.0 | 90.00 | HORIZONTAL |
| 2389.920000 | 50.10 | 0.5 | 74.0 | 23.9 | PK | 100.0 | 0.00 | HORIZONTAL |
| 2467.680000 | 67.60 | 0.9 | 74.0 | 6.4 | PK | 200.0 | 90.00 | VERTICAL |
| 2483.680000 | 50.30 | 0.9 | 74.0 | 23.7 | PK | 200.0 | 90.00 | VERTICAL |
| 2500.000000 | 51.40 | 1.0 | 74.0 | 22.6 | PK | 200.0 | 90.00 | HORIZONTAL |
| 2812.400000 | 54.30 | 3.2 | 74.0 | 19.7 | PK | 100.0 | 180.00 | VERTICAL |

2.1.2.5 11N20/0_B@1

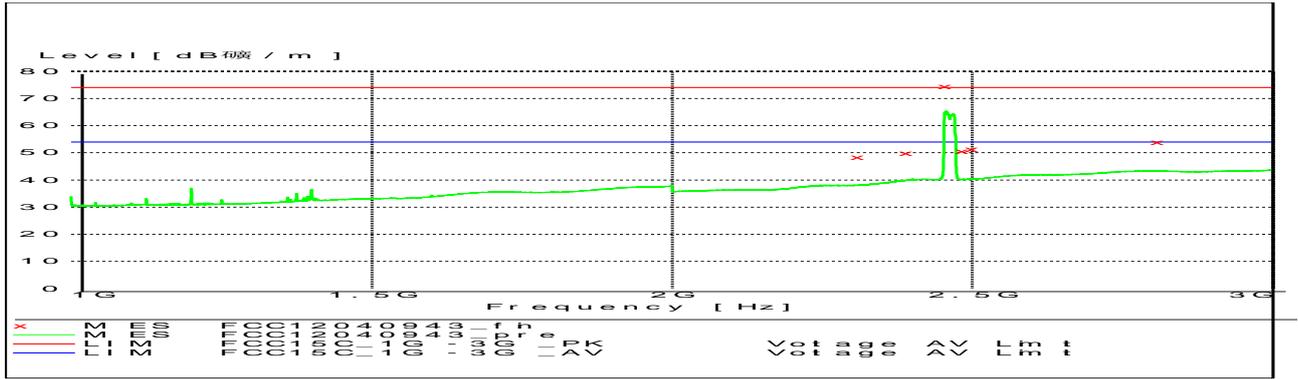


MEASUREMENT RESULT: "FCC12040942_fin"

4/10/2012 2:49AM

| Frequency MHz | Level dB μ V/m | Transd dB | Limit dB μ V/m | Margin dB | Det. | Height | Azimuth cm | Polarization deg |
|--------------------|-----------------------|--------------|-----------------------|--------------|-----------|--------------|---------------|---------------------|
| 2310.240000 | 47.50 | 0.1 | 74.0 | 26.5 | PK | 100.0 | 90.00 | HORIZONTAL |
| 2390.240000 | 50.20 | 0.5 | 74.0 | 23.8 | PK | 200.0 | 90.00 | VERTICAL |
| 2416.800000 | 76.50 | 0.6 | 74.0 | -2.5 | PK | 100.0 | 270.00 | VERTICAL |
| 2483.360000 | 50.80 | 0.9 | 74.0 | 23.2 | PK | 200.0 | 180.00 | HORIZONTAL |
| 2500.000000 | 51.90 | 1.0 | 74.0 | 22.1 | PK | 200.0 | 90.00 | VERTICAL |
| 2812.800000 | 54.00 | 3.2 | 74.0 | 20.0 | PK | 200.0 | 270.00 | VERTICAL |

2.1.2.6 11N20/0_T@1

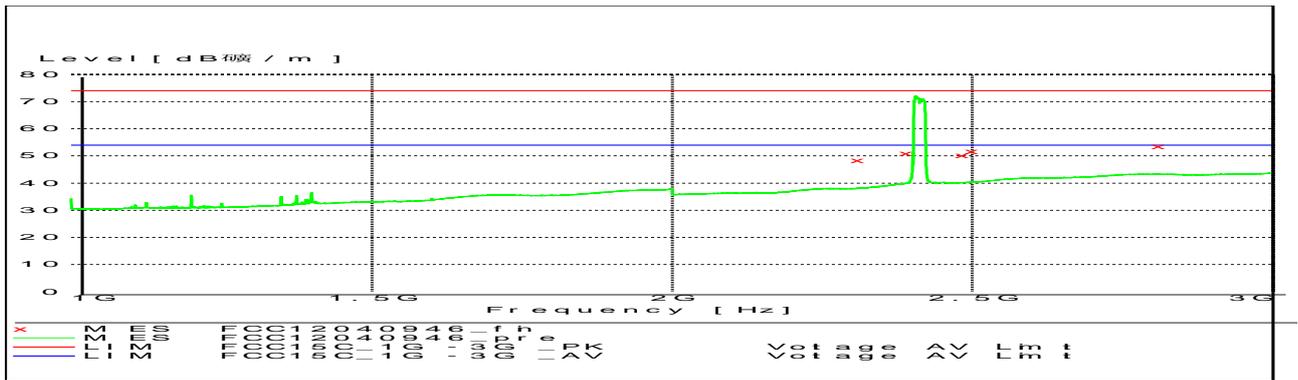


MEASUREMENT RESULT: "FCC12040943_fin"

4/10/2012 3:01AM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. dB | Height cm | Azimuth deg | Polarization deg |
|--------------------|-----------------|--------------|-----------------|--------------|------------|--------------|----------------|---------------------|
| 2310.240000 | 48.30 | 0.1 | 74.0 | 25.7 | PK | 100.0 | 180.00 | HORIZONTAL |
| 2389.920000 | 49.80 | 0.5 | 74.0 | 24.2 | PK | 100.0 | 90.00 | VERTICAL |
| 2456.000000 | 74.30 | 0.8 | 74.0 | -0.3 | PK | 100.0 | 270.00 | VERTICAL |
| 2483.520000 | 50.50 | 0.9 | 74.0 | 23.5 | PK | 200.0 | 0.00 | HORIZONTAL |
| 2500.000000 | 51.40 | 1.0 | 74.0 | 22.6 | PK | 100.0 | 270.00 | VERTICAL |
| 2808.800000 | 54.00 | 3.2 | 74.0 | 20.0 | PK | 100.0 | 270.00 | VERTICAL |

2.1.2.7 11N20m/8_B@1+2



MEASUREMENT RESULT: "FCC12040946_fin"

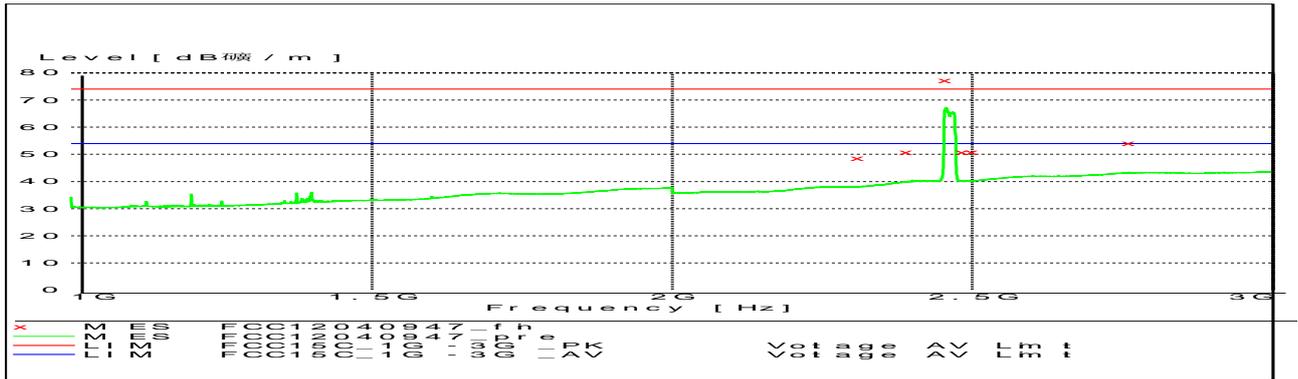
4/10/2012 3:38AM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. dB | Height cm | Azimuth deg | Polarization deg |
|--------------------|-----------------|--------------|-----------------|--------------|------------|--------------|----------------|---------------------|
| 2310.240000 | 48.30 | 0.1 | 74.0 | 25.7 | PK | 100.0 | 180.00 | HORIZONTAL |
| 2389.920000 | 49.80 | 0.5 | 74.0 | 24.2 | PK | 100.0 | 90.00 | VERTICAL |
| 2456.000000 | 74.30 | 0.8 | 74.0 | -0.3 | PK | 100.0 | 270.00 | VERTICAL |
| 2483.520000 | 50.50 | 0.9 | 74.0 | 23.5 | PK | 200.0 | 0.00 | HORIZONTAL |
| 2500.000000 | 51.40 | 1.0 | 74.0 | 22.6 | PK | 100.0 | 270.00 | VERTICAL |
| 2808.800000 | 54.00 | 3.2 | 74.0 | 20.0 | PK | 100.0 | 270.00 | VERTICAL |



| | | | | | | | | |
|--------------------|--------------|------------|-------------|-------------|-----------|--------------|---------------|-----------------|
| 2310.240000 | 48.20 | 0.1 | 74.0 | 25.8 | PK | 200.0 | 0.00 | HORIZONTAL |
| 2390.240000 | 50.80 | 0.5 | 74.0 | 23.2 | PK | 200.0 | 270.00 | VERTICAL |
| 2405.440000 | 81.40 | 0.6 | 74.0 | -7.4 | PK | 200.0 | 270.00 | VERTICAL |
| 2483.520000 | 50.30 | 0.9 | 74.0 | 23.7 | PK | 200.0 | 0.00 | HORIZONTAL |
| 2499.840000 | 51.50 | 1.0 | 74.0 | 22.5 | PK | 100.0 | 270.00 | VERTICAL |
| 2810.800000 | 53.60 | 3.2 | 74.0 | 20.4 | PK | 200.0 | 0.00 | VERTICAL |

2.1.2.8 11N20m/8_T@1+2



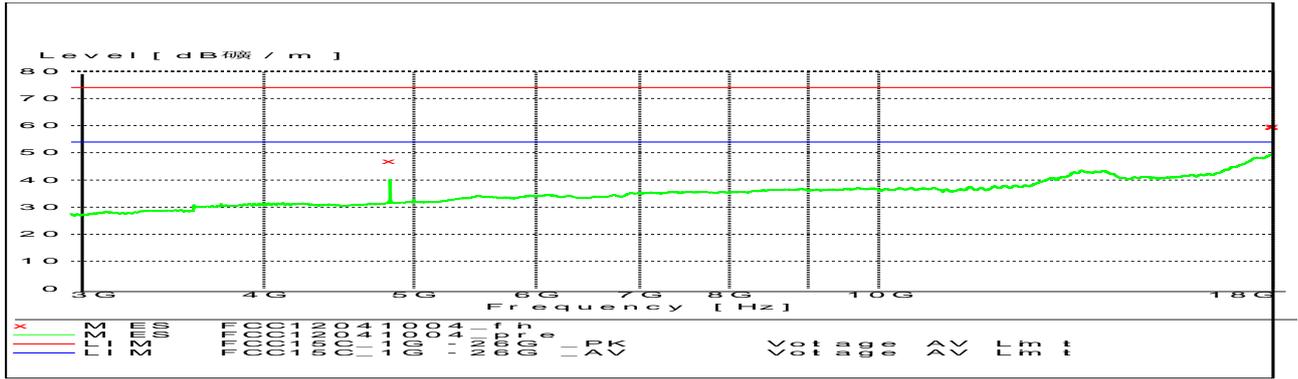
MEASUREMENT RESULT: "FCC12040947_fin"

4/10/2012 3:51AM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. dB | Height cm | Azimuth deg | Polarization deg |
|--------------------|-----------------|--------------|-----------------|--------------|------------|--------------|----------------|---------------------|
| 2310.080000 | 48.70 | 0.1 | 74.0 | 25.3 | PK | 200.0 | 270.00 | HORIZONTAL |
| 2389.920000 | 50.70 | 0.5 | 74.0 | 23.3 | PK | 100.0 | 90.00 | HORIZONTAL |
| 2456.160000 | 77.20 | 0.8 | 74.0 | -3.2 | PK | 100.0 | 270.00 | VERTICAL |
| 2483.520000 | 50.60 | 0.9 | 74.0 | 23.4 | PK | 200.0 | 180.00 | HORIZONTAL |
| 2500.000000 | 50.70 | 1.0 | 74.0 | 23.3 | PK | 200.0 | 0.00 | VERTICAL |
| 2760.400000 | 54.10 | 3.0 | 74.0 | 19.9 | PK | 100.0 | 0.00 | HORIZONTAL |

2.1.3 Test range of "3 GHz to 18 GHz"

2.1.3.1 Worst Conf. (11B/1_B@1)



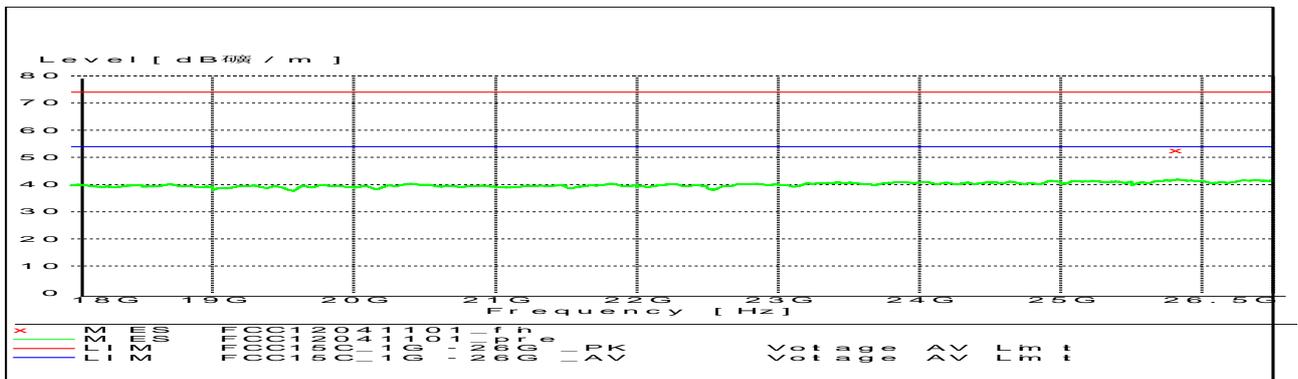
MEASUREMENT RESULT: "FCC12041004_fin"

4/10/2012 5:29AM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. | Height cm | Azimuth cm | Polarization deg |
|------------------|-----------------|--------------|-----------------|--------------|------|--------------|---------------|---------------------|
| 4824.000000 | 47.00 | 9.1 | 74.0 | 27.0 | PK | 100.0 | 270.00 | VERTICAL |
| 17996.000000 | 59.40 | 29.5 | 74.0 | 14.6 | PK | 200.0 | 180.00 | HORIZONTAL |
| 18000.000000 | 59.60 | 29.5 | 74.0 | 14.4 | PK | 100.0 | 180.00 | HORIZONTAL |

2.1.4 Test range of "18 GHz to 26.5 GHz"

2.1.4.1 Worst Conf. (11B/1_B@1)



MEASUREMENT RESULT: "FCC12041101_fin"

4/11/2012 2:29PM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. | Height cm | Azimuth cm | Polarization deg |
|------------------|-----------------|--------------|-----------------|--------------|------|--------------|---------------|---------------------|
| 25821.200000 | 52.50 | 29.9 | 74.0 | 21.5 | PK | 200.0 | 270.00 | VERTICAL |



Appendix F: Receiver Spurious Emissions (Radiated, Only for IC requirement)



1 Result Table

NOTE 1: The whole testing range is from “30 MHz to 8 GHz (3rd harmonics)” is divided into 2 parts, which are:

- Part 1: Test range of “30 MHz to 1 GHz”,
- Part 2: Test range of “1 GHz to 8 GHz”.

NOTE 2: For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at all chains to get a final result. The result is the directly measured sum of each chain.

NOTE 3: In this document, may only the test results and plots under the worst case are reported. The “< Limit” in results table denotes “Not found obvious spikes, or see marked spikes on plots or listed emissions in result tables”.

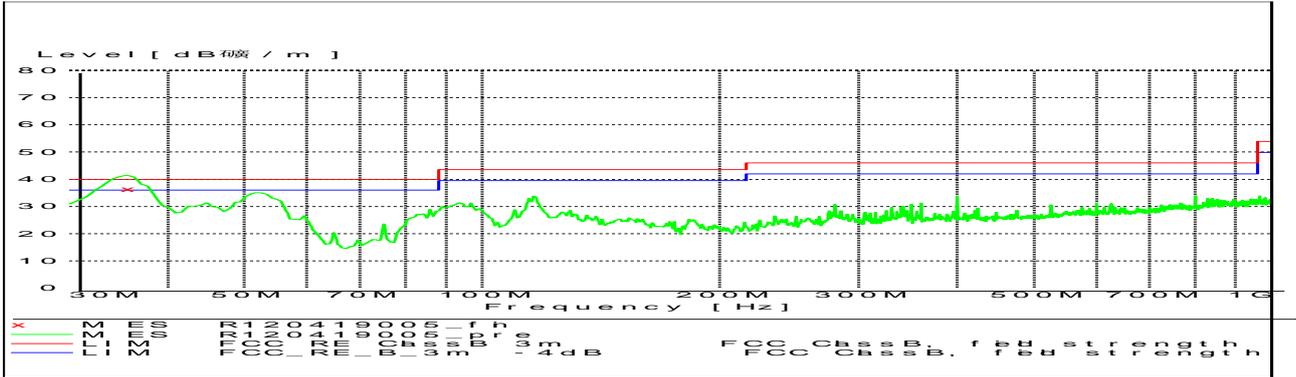
| EUT Placement | Test Range | EUT Conf. | Maximum Emissions | Verdict |
|---------------|-----------------|-----------|-------------------|---------|
| Flatwise | 30 MHz to 1 GHz | 11x_RX | < Limit | Pass |
| | 1 GHz to 8 GHz | 11x_RX | < Limit | Pass |

2 Result Plot

2.1 EUT Placement: Flatwise

2.1.1 Testing Range of "30 MHz to 1 GHz"

2.1.1.1 11x_RX



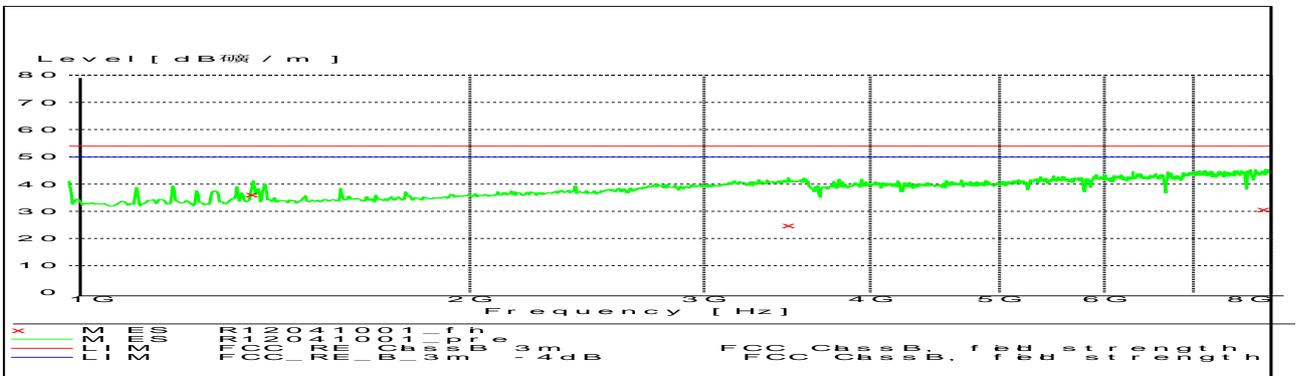
MEASUREMENT RESULT: "R120419005_fin"

4/19/2012 8:42PM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. | Height | Azimuth cm | Polarization deg |
|------------------|-----------------|--------------|-----------------|--------------|------|--------|---------------|---------------------|
| 35.700000 | 36.20 | -6.1 | 40.0 | 3.8 | QP | 100.0 | 212.00 | VERTICAL |

2.1.2 Testing Range of "1 GHz to 8 GHz"

2.1.2.1 11x_RX



MEASUREMENT RESULT: "R12041001_fin"



4/10/2012 6:07AM

| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. | Height | Azimuth cm | Polarization deg |
|------------------|-----------------|--------------|-----------------|--------------|------|--------|---------------|---------------------|
| 1375.000000 | 36.10 | -5.2 | 53.9 | 17.8 | AV | 135.0 | 230.00 | HORIZONTAL |
| 3479.000000 | 24.70 | 4.9 | 53.9 | 29.2 | AV | 101.0 | 49.00 | HORIZONTAL |
| 7912.500000 | 30.70 | 12.1 | 53.9 | 23.2 | AV | 100.0 | 21.00 | HORIZONTAL |



Appendix G: AC Power Line Conducted Emissions



(N/A for non-AC power supply)



Appendix H: Photos of Test Setups

1 Test Setup 2

1.1 Radiated (cabinet/case emissions with impedance matching for antenna-port)

1.1.1 Measurement Setup from 30 MHz to 1 GHz



1.1.2 Measurement Setup from 1 GHz to 3 GHz, 3 GHz to 18 GHz

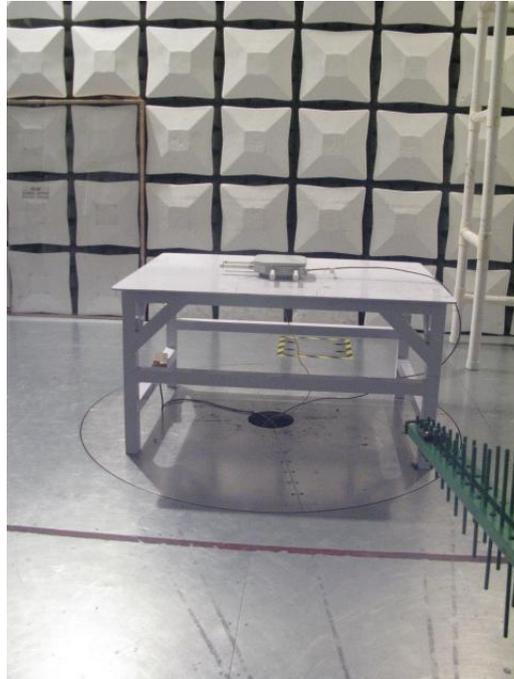


1.1.3 Measurement Setup from 18 GHz to 26.5 GHz

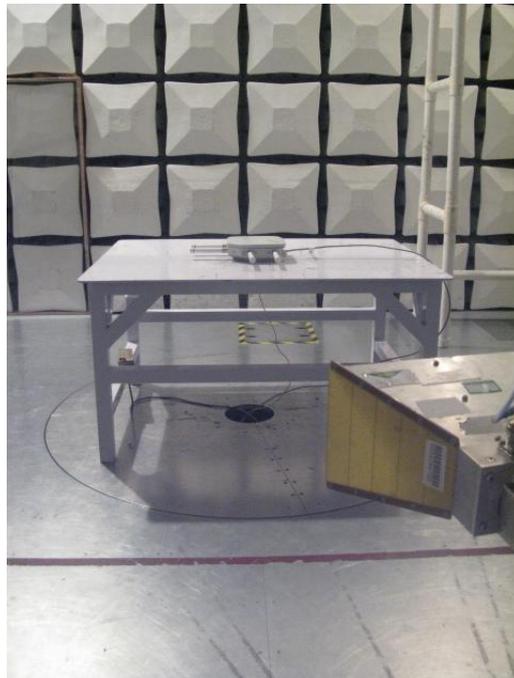


1.2 Radiated (Only for IC Requirement - Receiver Spurious Emissions)

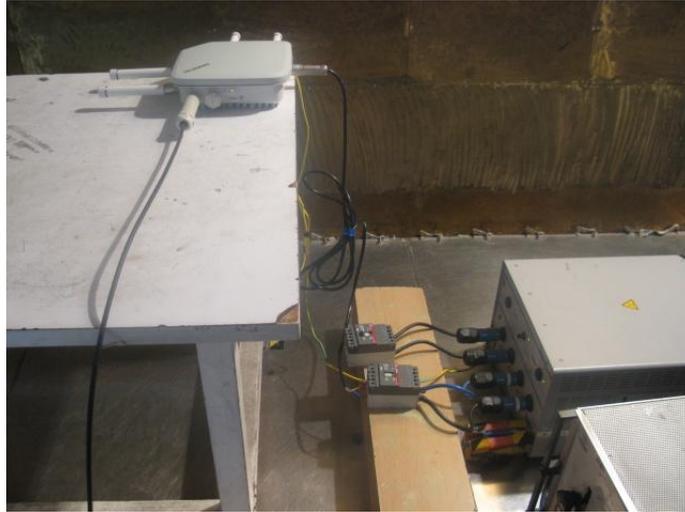
1.2.1 Measurement Setup from 30 MHz to 1 GHz



1.2.2 Measurement Setup from 1 GHz to 8 GHz



2 Test Setup 3



END