

# Test Report

## FCC Part15 Subpart C

Product Name : Mi Wi-Fi  
Model No. : R1D  
FCC ID : 2AAF5-MWF01HD

Applicant : Beijing Xiaomi Technology Co., Ltd  
Address : The Rainbow City of China Resources, NO 68, Qinghe  
Middle Street, Haidian District

Date of Receipt : Jul. 03, 2014  
Test Date : Jul. 03, 2014~Jul. 15, 2014  
Issued Date : Aug. 01, 2014  
Report No. : 1470115R-RF-US-P06V01  
Report Version : V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

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# Test Report Certification

Issued Date : Aug. 01, 2014  
Report No. : 1470115R-RF-US-P06V01



Product Name : Mi Wi-Fi  
Applicant : Beijing Xiaomi Technology Co., Ltd  
Address : The Rainbow City of China Resources, NO 68, Qinghe  
Middle Street, Haidian District  
Manufacturer : Xiaomi Electronics Co., Ltd  
Address : Room408-11, Building8, Disheng Beijie No.1, Beijing  
Economic-Technological Development Area, Beijing, China  
Model No. : R1D  
FCC ID : 2AAF5-MWF01HD  
EUT Voltage : DC: 12V 2.5A  
Brand Name : MI  
Applicable Standard : FCC CFR Title 47 Part 15 Subpart C: 2013  
ANSI C63.4: 2009; KDB 558074  
Test Result : Complied  
Performed Location : Suzhou EMC Laboratory  
No.99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech  
Development Zone., Suzhou, China  
TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098  
FCC Registration Number: 800392

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## Laboratory Information

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| <b>Norway</b>        | <b>:</b> | <b>Nemko, DNV</b>     |
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### History of This Test Report

| REPORT NO.            | VERSION | DESCRIPTION           | ISSUED DATE   |
|-----------------------|---------|-----------------------|---------------|
| 1470115R-RF-US-P06V01 | V1.0    | Initial Issued Report | Aug. 01, 2014 |
|                       |         |                       |               |
|                       |         |                       |               |
|                       |         |                       |               |

## 1. General Information

### 1.1. EUT Description

|                    |                                                                                                                                                                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name       | Mi Wi-Fi                                                                                                                                                                                                                                                                             |
| Brand Name         | MI                                                                                                                                                                                                                                                                                   |
| Model No.          | R1D                                                                                                                                                                                                                                                                                  |
| EUT Voltage        | DC 12V 2.5A                                                                                                                                                                                                                                                                          |
| Frequency Range    | <b>For 2.4GHz Band</b><br>802.11b/g/n(20MHz): 2412~2462MHz<br>802.11n(40MHz): 2422~2452MHz<br><b>For 5.0GHz Band</b><br>802.11a/n(20MHz)/ac(20MHz):<br>5180~5240MHz, 5745~5825MHz<br>802.11n(40MHz)/ac(40MHz):<br>5190~5230MHz, 5755~5795MHz<br>802.11ac(80MHz):<br>5210MHz, 5775MHz |
| Channel Number     | For 2.4GHz Band<br>802.11b/g/n(20MHz): 11    802.11n(40MHz): 7<br>For 5.0GHz Band<br>802.11a /n(20MHz) /ac(20MHz): 9    802.11n(40MHz)/ac(40MHz): 4<br>802.11ac(80MHz): 2                                                                                                            |
| Type of Modulation | 802.11b: DSSS<br>802.11a/g/n/ac: OFDM                                                                                                                                                                                                                                                |
| Data Rate          | 802.11a/g: 6/9/12/18/24/36/48/54 Mbps<br>802.11b: 1/2/5.5/11 Mbps<br>802.11n: up to 450 Mbps<br>802.11ac: up to 1299.9 Mbps                                                                                                                                                          |
| Channel Control    | Auto                                                                                                                                                                                                                                                                                 |
| Antenna Delivery   | 2*Tx + 2*Rx for 2.4GHz<br>2*Tx + 2*Rx for 5GHz                                                                                                                                                                                                                                       |
| Antenna Type       | Reference to Antenna List                                                                                                                                                                                                                                                            |
| Peak Antenna Gain  | Reference to Antenna List                                                                                                                                                                                                                                                            |

**For 2.4GHz Band**

| 802.11b/g/n(20MHz) Working Frequency of Each Channel: |           |         |           |         |           |         |           |
|-------------------------------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Channel                                               | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 01                                                    | 2412 MHz  | 02      | 2417 MHz  | 03      | 2422 MHz  | 04      | 2427 MHz  |
| 05                                                    | 2432 MHz  | 06      | 2437 MHz  | 07      | 2442 MHz  | 08      | 2447 MHz  |
| 09                                                    | 2452 MHz  | 10      | 2457 MHz  | 11      | 2462 MHz  | N/A     | N/A       |
| 802.11n(40MHz) Working Frequency of Each Channel:     |           |         |           |         |           |         |           |
| Channel                                               | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 03                                                    | 2422 MHz  | 04      | 2427 MHz  | 05      | 2432 MHz  | 06      | 2437 MHz  |
| 07                                                    | 2442 MHz  | 08      | 2447 MHz  | 09      | 2452 MHz  | N/A     | N/A       |

**For 5.0GHz Band**

| 802.11a/n(20MHz)/ac(20MHz) Working Frequency of Each Channel: |           |         |           |         |           |         |           |
|---------------------------------------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Channel                                                       | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 36                                                            | 5180 MHz  | 40      | 5200 MHz  | 44      | 5220 MHz  | 48      | 5240 MHz  |
| 149                                                           | 5745 MHz  | 153     | 5765 MHz  | 157     | 5785 MHz  | 161     | 5805 MHz  |
| 165                                                           | 5825 MHz  | N/A     | N/A       | N/A     | N/A       | N/A     | N/A       |
| 802.11n(20MHz)/ac(40MHz) Working Frequency of Each Channel:   |           |         |           |         |           |         |           |
| Channel                                                       | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 38                                                            | 5190 MHz  | 46      | 5230 MHz  | 151     | 5755 MHz  | 159     | 5795 MHz  |
| 802.11ac(80MHz) Working Frequency of Each Channel:            |           |         |           |         |           |         |           |
| Channel                                                       | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 42                                                            | 5210 MHz  | 155     | 5775 MHz  | N/A     | N/A       | N/A     | N/A       |

**Antenna List**

| No.  | Manufacturer | Antenna Type | M/N                          | Peak Gain                                                                                                                                               |
|------|--------------|--------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT1 | Hon Hai      | PIFA Antenna | C107-511053-A<br>(1401-0022) | 2.75 dBi for 2.412-2.462GHz<br>3.50 dBi for 5.150-5.250GHz<br>2.46 dBi for 5.250-5.350GHz<br>2.30 dBi for 5.470-5.725GHz<br>3.14 dBi for 5.745-5.825GHz |
| ANT2 | Hon Hai      | PIFA Antenna | C107-511053-A<br>(1401-0022) | 2.99 dBi for 2.412-2.462GHz<br>2.71 dBi for 5.150-5.250GHz<br>2.82 dBi for 5.250-5.350GHz<br>3.25 dBi for 5.470-5.725GHz<br>3.89 dBi for 5.745-5.825GHz |

|                       |                       |                                                                                                                          |
|-----------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| MIMO Mode (ANT1+ANT2) | Directional gain(dBi) | 6.12 dBi for 5.150-5.250GHz<br>5.65 dBi for 5.250-5.350GHz<br>5.80 dBi for 5.470-5.725GHz<br>6.53 dBi for 5.745-5.825GHz |
|-----------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------|

Note: Directional gain =  $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$  dBi

Power Parameter Value of the test software

| Test Mode      | Test Channel | Ant1 | Ant2 | MIMO<br>MODE(Ant1+2) |
|----------------|--------------|------|------|----------------------|
| 802.11b        | 2412         | 90   | 92   | ×                    |
|                | 2437         | 90   | 92   | ×                    |
|                | 2462         | 90   | 92   | ×                    |
| 802.11g        | 2412         | 79   | 79   | ×                    |
|                | 2437         | 79   | 79   | ×                    |
|                | 2462         | 79   | 71   | ×                    |
| 802.11n(20MHz) | 2412         | 71   | 73   | 68                   |
|                | 2437         | 80   | 80   | 65                   |
|                | 2462         | 71   | 66   | 65                   |
| 802.11n(40MHz) | 2422         | 68   | 66   | 58                   |
|                | 2437         | 80   | 80   | 66                   |
|                | 2452         | 63   | 58   | 54                   |

| Test Mode       | Test Channel | Ant1 | Ant2 | MIMO<br>MODE(Ant1+2) |
|-----------------|--------------|------|------|----------------------|
| 802.11a         | 5745         | 90   | 90   | ×                    |
|                 | 5785         | 90   | 90   | ×                    |
|                 | 5825         | 90   | 90   | ×                    |
| 802.11n(20MHz)  | 5745         | 90   | 90   | 66                   |
|                 | 5785         | 90   | 90   | 67                   |
|                 | 5825         | 90   | 90   | 66                   |
| 802.11ac(20MHz) | 5745         | 90   | 90   | 66                   |
|                 | 5785         | 90   | 90   | 67                   |
|                 | 5825         | 90   | 90   | 66                   |
| 802.11n(40MHz)  | 5755         | 90   | 90   | 66                   |
|                 | 5795         | 90   | 90   | 66                   |
| 802.11ac(40MHz) | 5755         | 90   | 90   | 66                   |
|                 | 5795         | 90   | 90   | 66                   |
| 802.11ac(80MHz) | 5775         | 90   | 90   | 66                   |

The test mode of the test software can support.

| Test Mode      | Test Channel | Ant1 | Ant2 | MIMO<br>MODE(Ant1+2) |
|----------------|--------------|------|------|----------------------|
| 802.11b        | 2412         | √    | √    | ×                    |
|                | 2437         | √    | √    | ×                    |
|                | 2462         | √    | √    | ×                    |
| 802.11g        | 2412         | √    | √    | ×                    |
|                | 2437         | √    | √    | ×                    |
|                | 2462         | √    | √    | ×                    |
| 802.11n(20MHz) | 2412         | √    | √    | √                    |
|                | 2437         | √    | √    | √                    |
|                | 2462         | √    | √    | √                    |
| 802.11n(40MHz) | 2422         | √    | √    | √                    |
|                | 2437         | √    | √    | √                    |
|                | 2452         | √    | √    | √                    |

| Test Mode       | Test Channel | Ant1 | Ant2 | MIMO<br>MODE(Ant1+2) |
|-----------------|--------------|------|------|----------------------|
| 802.11a         | 5745         | √    | √    | ×                    |
|                 | 5785         | √    | √    | ×                    |
|                 | 5825         | √    | √    | ×                    |
| 802.11n(20MHz)  | 5745         | √    | √    | √                    |
|                 | 5785         | √    | √    | √                    |
|                 | 5825         | √    | √    | √                    |
| 802.11ac(20MHz) | 5745         | √    | √    | √                    |
|                 | 5785         | √    | √    | √                    |
|                 | 5825         | √    | √    | √                    |
| 802.11n(40MHz)  | 5755         | √    | √    | √                    |
|                 | 5795         | √    | √    | √                    |
| 802.11ac(40MHz) | 5755         | √    | √    | √                    |
|                 | 5795         | √    | √    | √                    |
| 802.11ac(80MHz) | 5775         | √    | √    | √                    |

## Duty Cycle

### 2.4GHz Band

| Test Mode      | Duty Cycle |
|----------------|------------|
| 802.11b        | 98%        |
| 802.11g        | 96%        |
| 802.11n(20MHz) | 98%        |
| 802.11n(40MHz) | 96%        |

### 5.8GHz Band

| Test Mode       | Duty Cycle |
|-----------------|------------|
| 802.11a         | 99%        |
| 802.11n(20MHz)  | 98%        |
| 802.11n(40MHz)  | 98%        |
| 802.11ac(20MHz) | 94%        |
| 802.11ac(40MHz) | 94%        |
| 802.11ac(80MHz) | 94%        |

## 1.2. Mode of Operation

Quietek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

| Test Mode                                                 |
|-----------------------------------------------------------|
| Mode 1: Transmit by 802.11b(Ant1;Ant2)                    |
| Mode 2: Transmit by 802.11g(Ant1;Ant2)                    |
| Mode 3: Transmit by 802.11a(Ant1;Ant2)                    |
| Mode 4: Transmit by 802.11n(20MHz) (Ant1;Ant2;MIMO MODE)  |
| Mode 5: Transmit by 802.11ac(20MHz) (Ant1;Ant2;MIMO MODE) |
| Mode 6: Transmit by 802.11n(40MHz) (Ant1;Ant2;MIMO MODE)  |
| Mode 7: Transmit by 802.11ac(40MHz) (Ant1;Ant2;MIMO MODE) |
| Mode 8: Transmit by 802.11ac(80MHz) (Ant1;Ant2;MIMO MODE) |

Note:

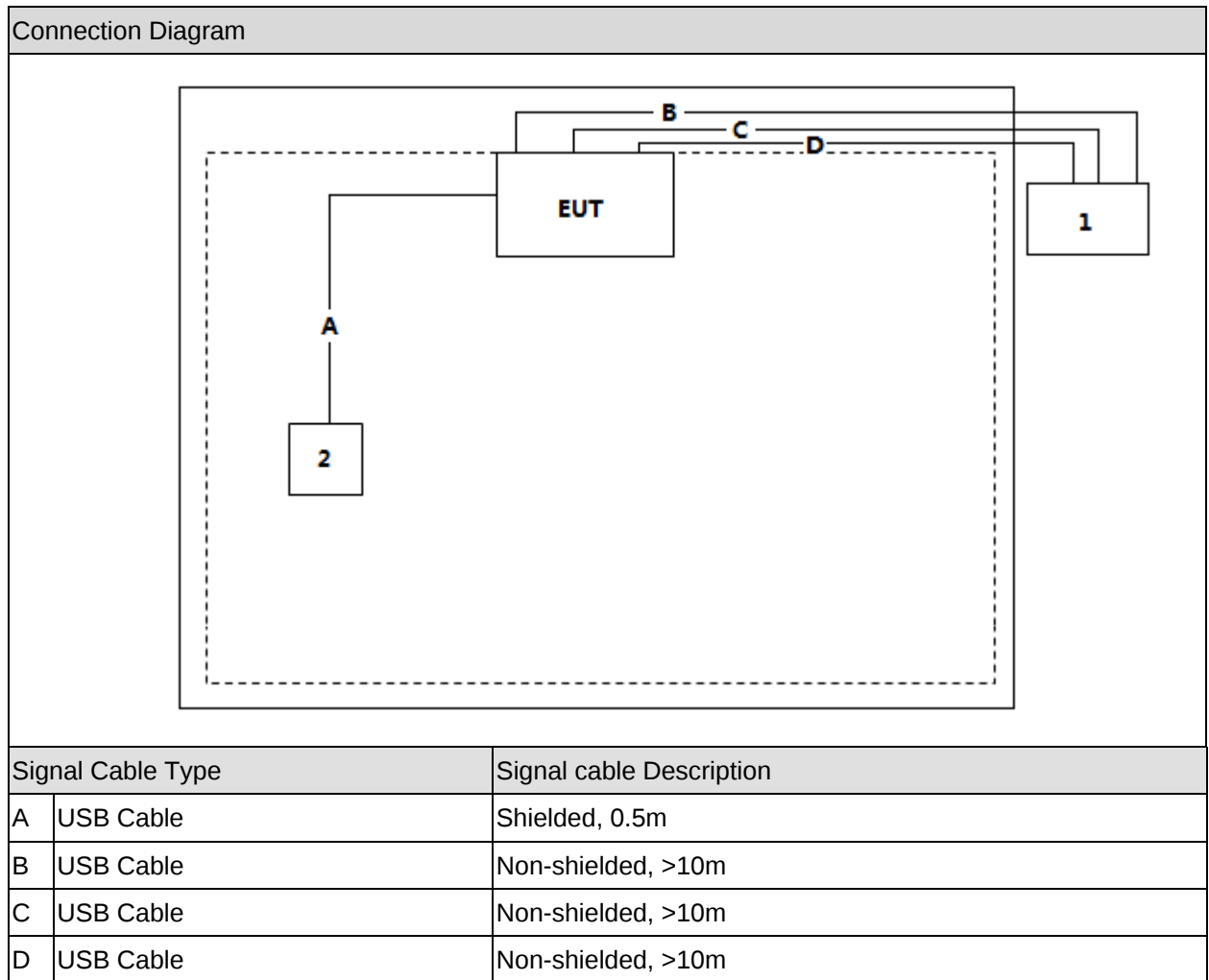
Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

### 1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

| Product |                         | Manufacturer | Model No. | Serial No.      | Power Cord   |
|---------|-------------------------|--------------|-----------|-----------------|--------------|
| 1       | Assistant router        | N/A          | N/A       | N/A             | N/A          |
| 2       | USB 3.0 Hard Disc Drive | Lenovo       | F360      | OA0503512400231 | Power by EUT |

## 1.4. Configuration of Tested System



## 1.5. EUT Exercise Software

|   |                                                                                                                           |
|---|---------------------------------------------------------------------------------------------------------------------------|
| 1 | Setup the EUT and simulators as shown on above.                                                                           |
| 2 | Turn on the power of equipment.                                                                                           |
| 3 | Run the RF test software "MTool", and set the test mode and channel, then press OK to start continue Transmit or receive. |

## 2. Technical Test

### 2.1. Summary of Test Result

- ☒ No deviations from the test standards
- ☐ Deviations from the test standards as below description:

| Performed Test Item                            | Normative References                                             | Test Performed | Deviation |
|------------------------------------------------|------------------------------------------------------------------|----------------|-----------|
| Conducted Emission                             | FCC CFR Title 47 Part 15 Subpart C: 2013<br>Section 15.207       | Yes            | No        |
| Radiated Emission                              | FCC CFR Title 47 Part 15 Subpart C: 2013<br>Section 15.209       | Yes            | No        |
| RF Antenna Conducted Spurious                  | FCC CFR Title 47 Part 15 Subpart C: 2013<br>Section 15.247(d)    | Yes            | No        |
| Radiated Emission Band Edge                    | FCC CFR Title 47 Part 15 Subpart C: 2013<br>15.247(d)            | Yes            | No        |
| Operation Frequency Range of<br>20dB Bandwidth | FCC CFR Title 47 Part 15 Subpart C: 2013<br>15.215(c)            | Yes            | No        |
| Occupied Bandwidth                             | FCC CFR Title 47 Part 15 Subpart C: 2013<br>Section 15.247(a)(2) | Yes            | No        |
| Power Output                                   | FCC CFR Title 47 Part 15 Subpart C: 2013<br>Section 15.247(b)(3) | Yes            | No        |
| Power Spectral Density                         | FCC CFR Title 47 Part 15 Subpart C: 2013<br>Section 15.247(e)    | Yes            | No        |

## 2.2. Test Environment

| Items                      | Required (IEC 68-1) | Actual   |
|----------------------------|---------------------|----------|
| Temperature (°C)           | 15-35               | 21       |
| Humidity (%RH)             | 25-75               | 50       |
| Barometric pressure (mbar) | 860-1060            | 950-1000 |

### 3. Conducted Emission

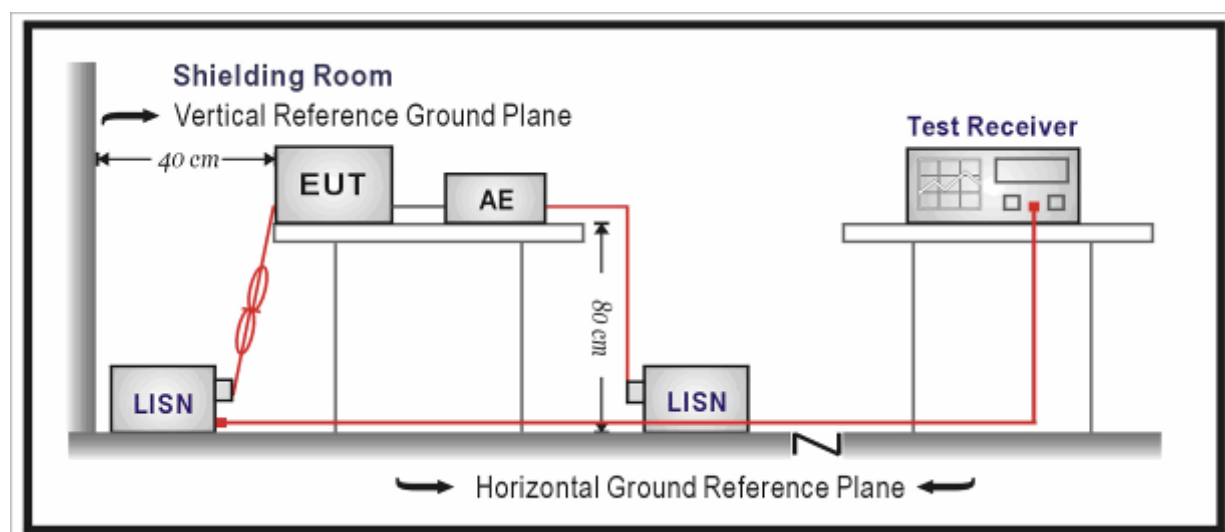
#### 3.1. Test Equipment

Conducted Emission / TR-1

| Instrument                 | Manufacturer | Type No. | Serial No. | Cal. Date  |
|----------------------------|--------------|----------|------------|------------|
| EMI Test Receiver          | R&S          | ESCI     | 100726     | 2015.03.28 |
| Two-Line V-Network         | R&S          | ENV216   | 100043     | 2015.03.28 |
| Two-Line V-Network         | R&S          | ENV216   | 100044     | 2014.09.16 |
| 50ohm Coaxial Switch       | Anritsu      | MP59B    | 6200464462 | 2015.03.01 |
| 50ohm Termination          | SHX          | TF2      | 07081401   | 2014.09.16 |
| Temperature/Humidity Meter | zhicheng     | ZC1-2    | TR1-TH     | 2015.01.08 |

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

#### 3.2. Test Setup



### 3.3. Limit

| FCC Part 15 Subpart C Paragraph 15.207 Limits |           |           |
|-----------------------------------------------|-----------|-----------|
| Frequency (MHz)                               | QP (dBuV) | AV (dBuV) |
| 0.15 - 0.50                                   | 66 - 56   | 56 – 46   |
| 0.50 - 5.0                                    | 56        | 46        |
| 5.0 - 30                                      | 60        | 50        |

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

### 3.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

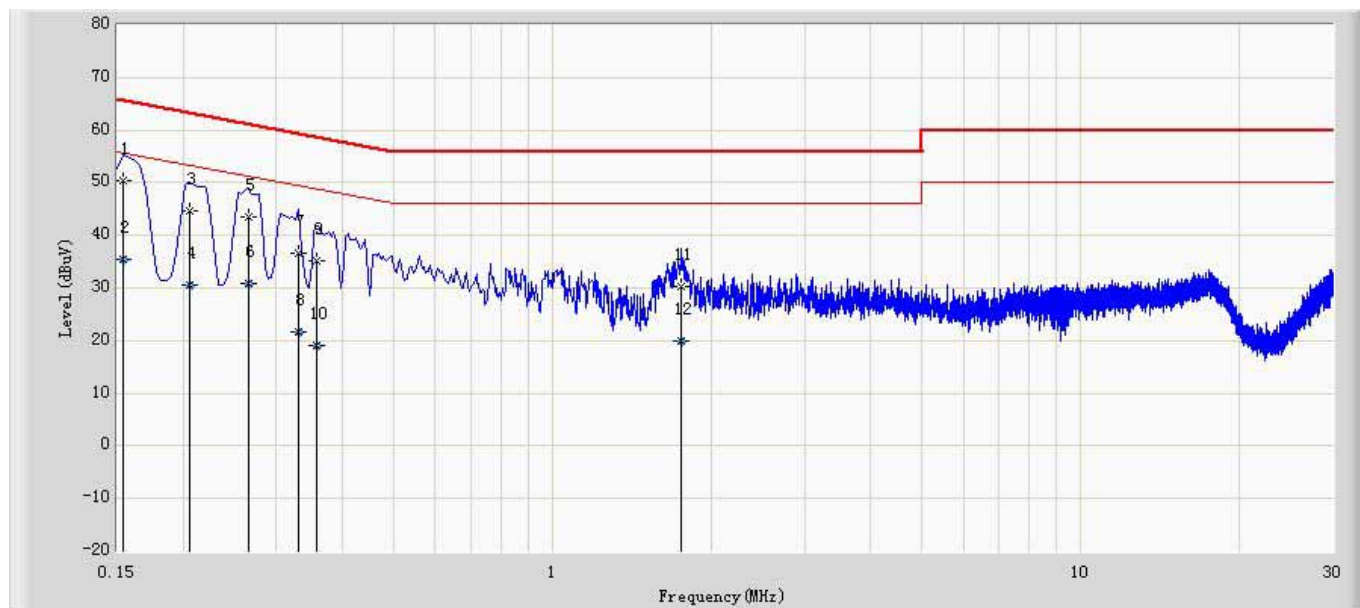
The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

### 3.5. Uncertainty

The measurement uncertainty is defined as  $\pm 2.02$  dB

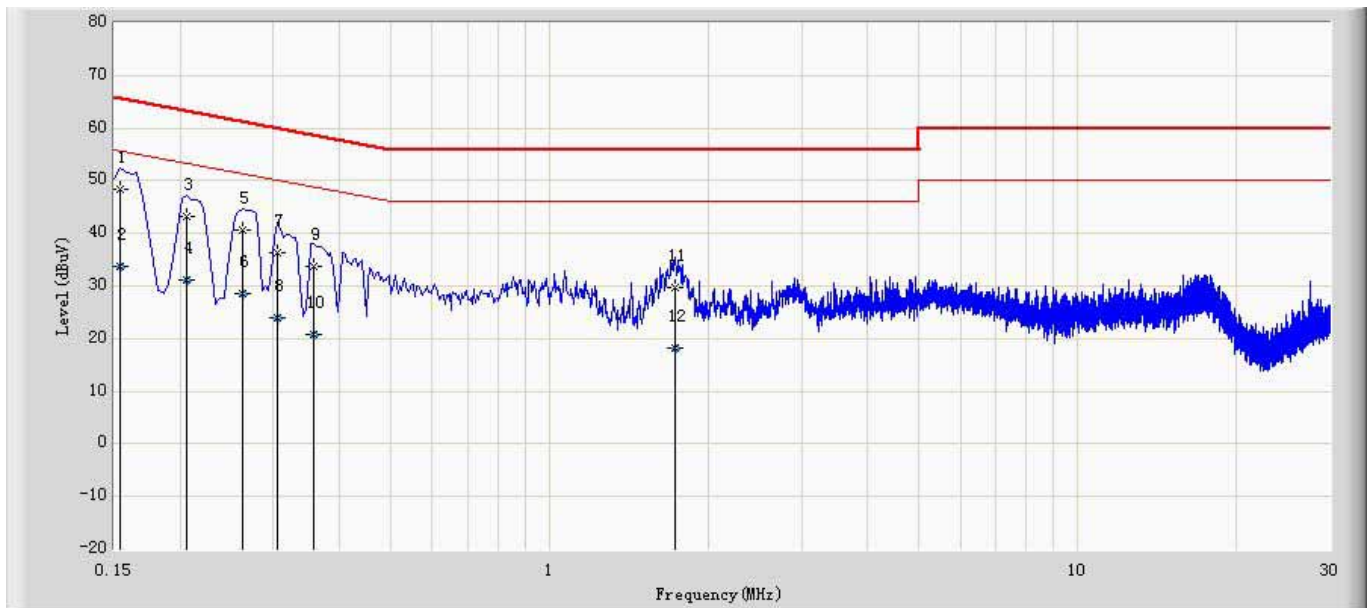
### 3.6. Test Result

|                                          |                          |
|------------------------------------------|--------------------------|
| Site: TR1                                | Time: 2014/08/27 - 10:20 |
| Limit: FCC_Part15.107_CE_AC Power_ClassB | Margin: 0                |
| Probe: ENV216_101044(0.009-30MHz)        | Polarity: Line           |
| EUT: Mi Wi-Fi                            | Power: AC 120V/60Hz      |
| Note: Mode1                              |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV) | Factor (dB) | Type |
|----|------|-----------------|----------------------|----------------------|-----------------|--------------|-------------|------|
| 1  | *    | 0.154           | 50.308               | 40.462               | -15.473         | 65.781       | 9.846       | QP   |
| 2  |      | 0.154           | 35.420               | 25.574               | -20.361         | 55.781       | 9.846       | AV   |
| 3  |      | 0.206           | 44.690               | 34.829               | -18.675         | 63.365       | 9.861       | QP   |
| 4  |      | 0.206           | 30.623               | 20.762               | -22.742         | 53.365       | 9.861       | AV   |
| 5  |      | 0.266           | 43.403               | 33.533               | -17.839         | 61.242       | 9.869       | QP   |
| 6  |      | 0.266           | 30.956               | 21.087               | -20.286         | 51.242       | 9.869       | AV   |
| 7  |      | 0.330           | 36.560               | 26.682               | -22.891         | 59.451       | 9.878       | QP   |
| 8  |      | 0.330           | 21.781               | 11.903               | -27.670         | 49.451       | 9.878       | AV   |
| 9  |      | 0.358           | 35.202               | 25.321               | -23.572         | 58.775       | 9.882       | QP   |
| 10 |      | 0.358           | 19.202               | 9.320                | -29.573         | 48.775       | 9.882       | AV   |
| 11 |      | 1.754           | 30.258               | 20.468               | -25.742         | 56.000       | 9.790       | QP   |
| 12 |      | 1.754           | 19.991               | 10.201               | -26.009         | 46.000       | 9.790       | AV   |

|                                          |                          |
|------------------------------------------|--------------------------|
| Site: TR1                                | Time: 2014/08/27 - 10:24 |
| Limit: FCC_Part15.107_CE_AC Power_ClassB | Margin: 0                |
| Probe: ENV216_101044(0.009-30MHz)        | Polarity: Neutral        |
| EUT: Mi Wi-Fi                            | Power: AC 120V/60Hz      |
| Note: Mode1                              |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV) | Factor (dB) | Type |
|----|------|-----------------|----------------------|----------------------|-----------------|--------------|-------------|------|
| 1  | *    | 0.154           | 48.465               | 38.482               | -17.316         | 65.781       | 9.982       | QP   |
| 2  |      | 0.154           | 33.854               | 23.872               | -21.927         | 55.781       | 9.982       | AV   |
| 3  |      | 0.206           | 43.315               | 33.399               | -20.050         | 63.365       | 9.917       | QP   |
| 4  |      | 0.206           | 31.076               | 21.160               | -22.289         | 53.365       | 9.917       | AV   |
| 5  |      | 0.262           | 40.715               | 30.785               | -20.652         | 61.368       | 9.931       | QP   |
| 6  |      | 0.262           | 28.616               | 18.685               | -22.752         | 51.368       | 9.931       | AV   |
| 7  |      | 0.306           | 36.400               | 26.447               | -23.679         | 60.078       | 9.953       | QP   |
| 8  |      | 0.306           | 23.847               | 13.894               | -26.232         | 50.078       | 9.953       | AV   |
| 9  |      | 0.358           | 33.815               | 23.837               | -24.960         | 58.775       | 9.979       | QP   |
| 10 |      | 0.358           | 20.717               | 10.738               | -28.058         | 48.775       | 9.979       | AV   |
| 11 |      | 1.726           | 29.840               | 19.869               | -26.160         | 56.000       | 9.970       | QP   |
| 12 |      | 1.726           | 18.286               | 8.316                | -27.714         | 46.000       | 9.970       | AV   |

## 4. Radiated Emission

### 4.1. Test Equipment

#### Radiated Emission / AC-2

| Instrument                 | Manufacturer | Type No.     | Serial No. | Cal. Date  |
|----------------------------|--------------|--------------|------------|------------|
| EMI Test Receiver          | R&S          | ESCI         | 100573     | 2015.03.28 |
| Loop Antenna               | R&S          | HFH2-Z2      | 833799/003 | 2014.11.17 |
| Bilog Chainenna            | Teseq GmbH   | CBL6112D     | 27611      | 2014.10.15 |
| Coaxial Cable              | Huber+Suhner | SUCOFLEX 106 | AC2-C      | 2015.03.01 |
| Temperature/Humidity Meter | Zhicheng     | ZC1-2        | AC2-TH     | 2015.01.08 |

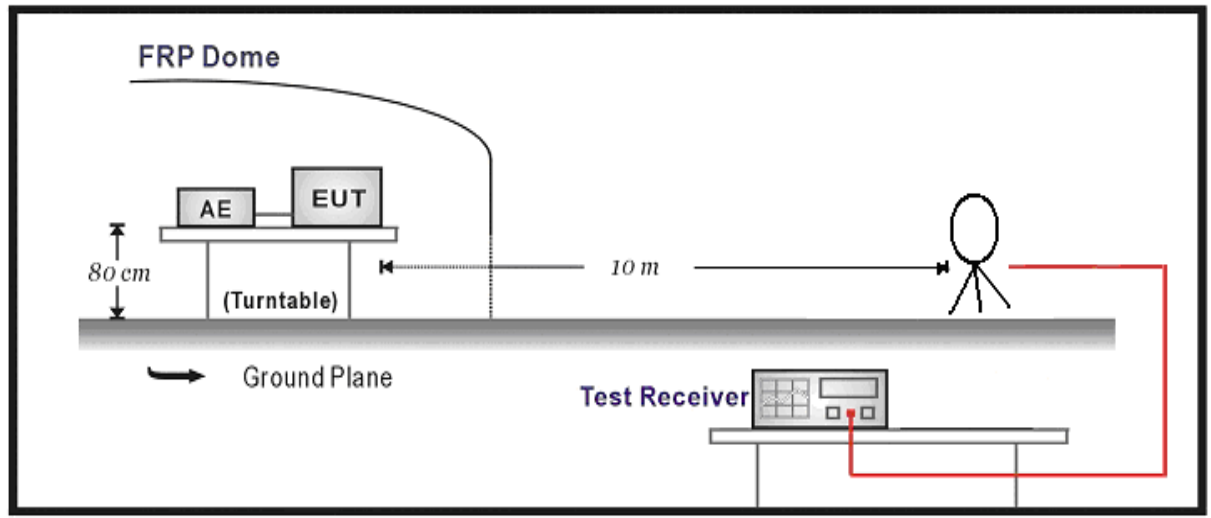
#### Radiated Emission / AC-5

| Instrument                 | Manufacturer | Type No.     | Serial No.  | Cal. Date  |
|----------------------------|--------------|--------------|-------------|------------|
| Spectrum Analyzer          | Agilent      | N9020A       | MY49100159  | 2015.03.28 |
| Spectrum Analyzer          | Agilent      | E4446A       | MY45300103  | 2015.01.07 |
| Preamplifier               | Miteq        | NSP1800-25   | 1364185     | 2015.05.05 |
| Preamplifier               | QuieTek      | AP-040G      | CHM-0906001 | 2015.05.05 |
| DRG Horn                   | ETS-Lindgren | 3117         | 00123988    | 2015.01.21 |
| Broad-Band Horn Antenna    | Schwarzbeck  | BBHA9170     | 294         | 2015.11.24 |
| Coaxial Cable              | Huber+Suhner | SUCOFLEX 106 | AC5-C1      | 2015.03.01 |
| Coaxial Cable              | Huber+Suhner | SUCOFLEX 106 | AC5-C2      | 2015.03.01 |
| Coaxial Cable              | Huber+Suhner | SUCOFLEX 102 | AC5-C3      | 2015.03.01 |
| EMI Receiver               | Agilent      | N9038A       | MY51210196  | 2015.06.09 |
| Temperature/Humidity Meter | Zhichen      | ZC1-2        | AC5-TH      | 2015.01.08 |

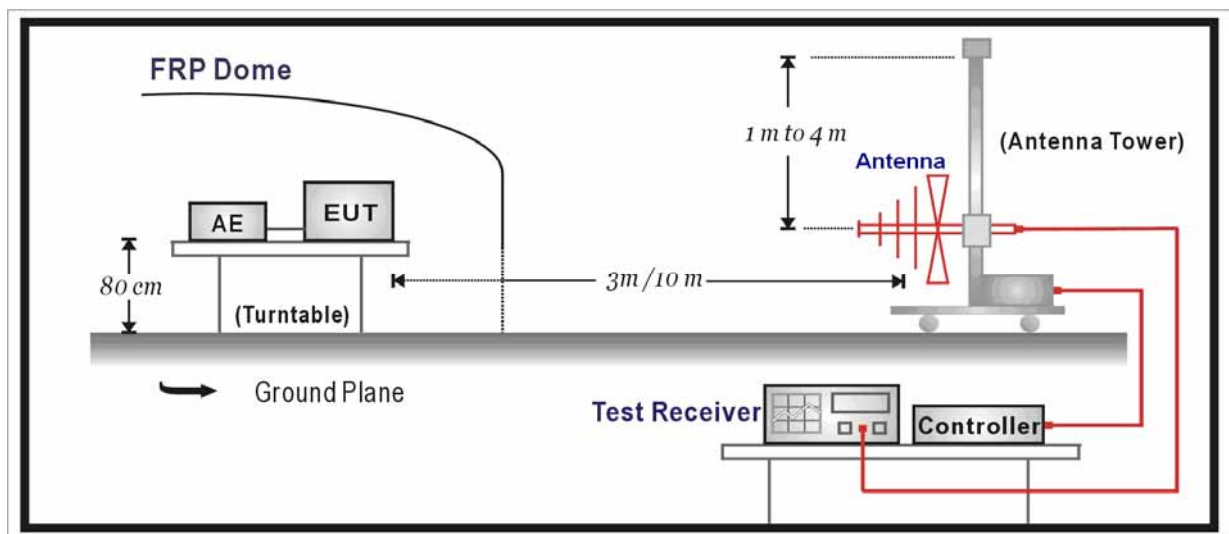
Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

## 4.2. Test Setup

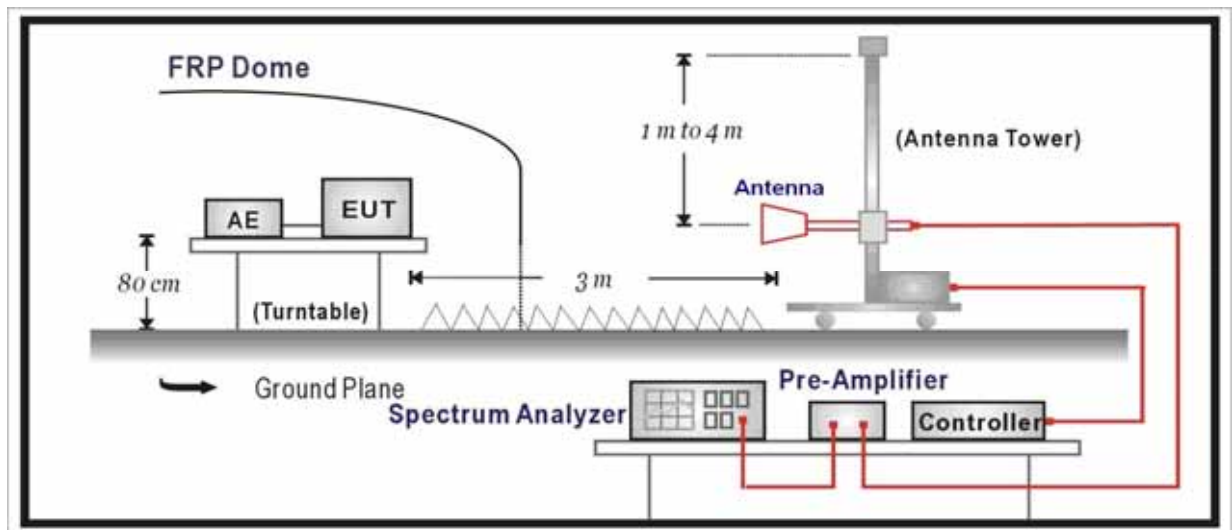
Below 30MHz Test Setup:



Below 1GHz Test Setup:



#### Above 1GHz Test Setup:



#### 4.3. Limit

| FCC Part 15 Subpart C Paragraph 15.209 |              |                |
|----------------------------------------|--------------|----------------|
| Frequency (MHz)                        | Distance (m) | Level (dBuV/m) |
| 30 - 88                                | 3            | 40             |
| 88 - 216                               | 3            | 43.5           |
| 216 - 960                              | 3            | 46             |
| Above 960                              | 3            | 54             |

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument Antenna and the closed point of any part of the device or system.

Note 3: E field strength (dBuV/m) = 20 log E field strength (uV/m)

#### 4.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from Antenna to the EUT was 3 meters.

The Antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This

is repeated for both horizontal and vertical polarization of the Antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2009 on radiated measurement.

The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

The frequency range from 30MHz to 10th harmonic is checked.

Note: When doing emission measurement above 1GHz, the horn Antenna will be bended down a little (as horn Antenna has the narrow beamwidth) in order to keeping the Antenna in the “cone of radiation” of EUT. The 3dB beamwidth is 10~60 degrees for H-plane and 10~90 degrees for E-plane.

#### 4.5. Uncertainty

The measurement uncertainty above 1G is defined as  $\pm 3.9$  dB

below 1G is defined as  $\pm 3.8$  dB

#### 4.6. Test Result

All of the test result shown indicates the worst case, and spectrum analyzer parameters setting as shown below:

Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;

Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

Measure Level = Reading Level + Cable Loss + Antenna Factor - Preamplifier Gain

Mode1: Transmit by 802.11b

| Chain | CH | Antenna | Frequency<br>(MHz) | Reading<br>Level<br>(dBuV/m) | Factor<br>(dB) | Measure<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-------|----|---------|--------------------|------------------------------|----------------|------------------------------|-------------------|----------------|----------|
| Ant 1 | 1  | H       | 4824.0             | 30.3                         | 8.0            | 38.3                         | 54(note3)         | -15.7          | PK       |
|       |    | H       | 7236.0             | 25.8                         | 10.6           | 36.4                         | 54(note3)         | -17.6          | PK       |
|       |    | H       | 9648.0             | 27.2                         | 12.5           | 39.7                         | 54(note3)         | -14.3          | PK       |
|       |    | V       | 4824.0             | 29.1                         | 7.9            | 37.0                         | 54(note3)         | -17.0          | PK       |
|       |    | V       | 7236.0             | 26.2                         | 10.6           | 36.8                         | 54(note3)         | -17.2          | PK       |
|       |    | V       | 9648.0             | 26.8                         | 12.6           | 39.4                         | 54(note3)         | -14.6          | PK       |
|       | 6  | H       | 4874.0             | 30.6                         | 8.0            | 38.6                         | 54(note3)         | -15.4          | PK       |
|       |    | H       | 7311.0             | 26.9                         | 10.8           | 37.7                         | 54(note3)         | -16.3          | PK       |
|       |    | H       | 9748.0             | 26.8                         | 12.7           | 39.5                         | 54(note3)         | -14.5          | PK       |
|       |    | V       | 4874.0             | 32.1                         | 8.0            | 40.1                         | 54(note3)         | -13.9          | PK       |
|       |    | V       | 7311.0             | 28.0                         | 10.8           | 38.8                         | 54(note3)         | -15.2          | PK       |
|       |    | V       | 9748.0             | 27.0                         | 12.8           | 39.8                         | 54(note3)         | -14.2          | PK       |
|       | 11 | H       | 4924.0             | 30.3                         | 8.1            | 38.4                         | 54(note3)         | -15.6          | PK       |
|       |    | H       | 7386.0             | 27.6                         | 10.9           | 38.5                         | 54(note3)         | -15.5          | PK       |
|       |    | H       | 9848.0             | 25.5                         | 12.9           | 38.4                         | 54(note3)         | -15.6          | PK       |
|       |    | V       | 4924.0             | 29.8                         | 8.2            | 38.0                         | 54(note3)         | -16.0          | PK       |
|       |    | V       | 7386.0             | 26.9                         | 10.9           | 37.8                         | 54(note3)         | -16.2          | PK       |
|       |    | V       | 9848.0             | 25.7                         | 13.0           | 38.7                         | 54(note3)         | -15.3          | PK       |
| Ant 2 | 1  | H       | 4824.0             | 29.7                         | 7.9            | 37.6                         | 54(note3)         | -16.4          | PK       |
|       |    | H       | 7236.0             | 26.5                         | 10.6           | 37.1                         | 54(note3)         | -16.9          | PK       |
|       |    | H       | 9648.0             | 26.5                         | 12.6           | 39.1                         | 54(note3)         | -14.9          | PK       |
|       |    | V       | 4824.0             | 29.7                         | 8.0            | 37.7                         | 54(note3)         | -16.3          | PK       |
|       |    | V       | 7236.0             | 25.2                         | 10.6           | 35.8                         | 54(note3)         | -18.2          | PK       |
|       |    | V       | 9648.0             | 26.5                         | 12.5           | 39.0                         | 54(note3)         | -15.0          | PK       |
|       | 6  | H       | 4874.0             | 29.1                         | 8.0            | 37.1                         | 54(note3)         | -16.9          | PK       |
|       |    | H       | 7311.0             | 26.3                         | 10.8           | 37.1                         | 54(note3)         | -16.9          | PK       |
|       |    | H       | 9748.0             | 25.5                         | 12.8           | 38.3                         | 54(note3)         | -15.7          | PK       |

|  |    |   |        |      |      |      |           |       |    |
|--|----|---|--------|------|------|------|-----------|-------|----|
|  |    | V | 4874.0 | 28.8 | 8.0  | 36.8 | 54(note3) | -17.2 | PK |
|  |    | V | 7311.0 | 26.3 | 10.8 | 37.1 | 54(note3) | -16.9 | PK |
|  |    | V | 9748.0 | 25.8 | 12.7 | 38.5 | 54(note3) | -15.5 | PK |
|  | 11 | H | 4924.0 | 30.1 | 8.1  | 38.2 | 54(note3) | -15.8 | PK |
|  |    | H | 7386.0 | 27.3 | 10.9 | 38.2 | 54(note3) | -15.8 | PK |
|  |    | H | 9848.0 | 27.0 | 12.9 | 39.9 | 54(note3) | -14.1 | PK |
|  |    | V | 4924.0 | 29.9 | 8.2  | 38.1 | 54(note3) | -15.9 | PK |
|  |    | V | 7386.0 | 26.6 | 10.9 | 37.5 | 54(note3) | -16.5 | PK |
|  |    | V | 9848.0 | 26.3 | 13.0 | 39.3 | 54(note3) | -14.7 | PK |

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode2: Transmit by 802.11g

| Chain | CH | Antenna | Frequency (MHz) | Reading Level (dBuV/m) | Factor (dB) | Measure Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-------|----|---------|-----------------|------------------------|-------------|------------------------|----------------|-------------|----------|
| Ant 1 | 1  | H       | 4824.0          | 28.8                   | 8.0         | 36.8                   | 54(note3)      | -17.2       | PK       |
|       |    | H       | 7236.0          | 25.6                   | 10.6        | 36.2                   | 54(note3)      | -17.8       | PK       |
|       |    | H       | 9648.0          | 27.4                   | 12.5        | 39.9                   | 54(note3)      | -14.1       | PK       |
|       |    | V       | 4824.0          | 29.7                   | 7.9         | 37.6                   | 54(note3)      | -16.4       | PK       |
|       |    | V       | 7236.0          | 25.6                   | 10.6        | 36.2                   | 54(note3)      | -17.8       | PK       |
|       |    | V       | 9648.0          | 27.2                   | 12.6        | 39.8                   | 54(note3)      | -14.2       | PK       |
|       | 6  | H       | 4874.0          | 29.1                   | 8.0         | 37.1                   | 54(note3)      | -16.9       | PK       |
|       |    | H       | 7311.0          | 26.5                   | 10.8        | 37.3                   | 54(note3)      | -16.7       | PK       |
|       |    | V       | 9748.0          | 26.5                   | 12.7        | 39.2                   | 54(note3)      | -14.8       | PK       |
|       |    | V       | 4874.0          | 29.2                   | 8.0         | 37.2                   | 54(note3)      | -16.8       | PK       |
|       |    | V       | 7311.0          | 26.2                   | 10.8        | 37.0                   | 54(note3)      | -17.0       | PK       |
|       | 11 | H       | 9748.0          | 25.7                   | 12.8        | 38.5                   | 54(note3)      | -15.5       | PK       |
|       |    | H       | 4924.0          | 29.1                   | 8.1         | 37.2                   | 54(note3)      | -16.8       | PK       |
|       |    | H       | 7386.0          | 28.0                   | 10.9        | 38.9                   | 54(note3)      | -15.1       | PK       |
|       |    | V       | 9848.0          | 26.4                   | 12.9        | 39.3                   | 54(note3)      | -14.7       | PK       |
|       |    | V       | 4924.0          | 29.6                   | 8.2         | 37.8                   | 54(note3)      | -16.2       | PK       |

|       |    |   |        |      |      |      |           |       |    |
|-------|----|---|--------|------|------|------|-----------|-------|----|
|       |    | V | 7386.0 | 27.2 | 10.9 | 38.1 | 54(note3) | -15.9 | PK |
| Ant 2 | 1  | H | 4824.0 | 28.8 | 8.0  | 36.8 | 54(note3) | -17.2 | PK |
|       |    | H | 7236.0 | 25.2 | 10.6 | 35.8 | 54(note3) | -18.2 | PK |
|       |    | H | 9648.0 | 28.6 | 12.5 | 41.1 | 54(note3) | -12.9 | PK |
|       |    | V | 4824.0 | 29.4 | 7.9  | 37.3 | 54(note3) | -16.7 | PK |
|       |    | V | 7236.0 | 25.7 | 10.6 | 36.3 | 54(note3) | -17.7 | PK |
|       |    | V | 9648.0 | 26.3 | 12.6 | 38.9 | 54(note3) | -15.1 | PK |
|       | 6  | H | 4874.0 | 29.2 | 8.0  | 37.2 | 54(note3) | -16.8 | PK |
|       |    | H | 7311.0 | 26.6 | 10.8 | 37.4 | 54(note3) | -16.6 | PK |
|       |    | H | 9748.0 | 26.5 | 12.7 | 39.2 | 54(note3) | -14.8 | PK |
|       |    | V | 4874.0 | 28.6 | 8.0  | 36.6 | 54(note3) | -17.4 | PK |
|       |    | V | 7311.0 | 26.2 | 10.8 | 37.0 | 54(note3) | -17.0 | PK |
|       |    | V | 9748.0 | 26.5 | 12.8 | 39.3 | 54(note3) | -14.7 | PK |
|       | 11 | H | 4924.0 | 29.3 | 8.1  | 37.4 | 54(note3) | -16.6 | PK |
|       |    | H | 7386.0 | 26.6 | 10.9 | 37.5 | 54(note3) | -16.5 | PK |
|       |    | H | 9848.0 | 27.5 | 12.9 | 40.4 | 54(note3) | -13.6 | PK |
|       |    | V | 4924.0 | 29.7 | 8.2  | 37.9 | 54(note3) | -16.1 | PK |
|       |    | V | 7386.0 | 26.8 | 10.9 | 37.7 | 54(note3) | -16.3 | PK |
|       |    | V | 9848.0 | 25.7 | 13.0 | 38.7 | 54(note3) | -15.3 | PK |

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode3: Transmit by 802.11a

| Chain | CH  | Antenna | Frequency (MHz) | Reading Level (dBuV/m) | Factor (dB) | Measure Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-------|-----|---------|-----------------|------------------------|-------------|------------------------|----------------|-------------|----------|
| Ant 1 | 149 | H       | 11480.5         | 29.7                   | 16.2        | 45.9                   | 54(note3)      | -8.1        | PK       |
|       |     | H       | 17243.5         | 23.4                   | 24.3        | 47.7                   | 54(note3)      | -6.3        | PK       |
|       |     | V       | 11489.0         | 26.9                   | 16.1        | 43.0                   | 54(note3)      | -11.0       | PK       |
|       |     | V       | 17243.5         | 27.9                   | 24.4        | 52.3                   | 54(note3)      | -1.7        | PK       |
|       | 157 | H       | 11574.0         | 30.1                   | 16.6        | 46.7                   | 54(note3)      | -7.3        | PK       |
|       |     | H       | 17243.5         | 22.8                   | 24.3        | 47.1                   | 54(note3)      | -6.9        | PK       |
|       |     | V       | 11565.5         | 28.3                   | 16.5        | 44.8                   | 54(note3)      | -9.2        | PK       |

|       |     |   |         |      |      |      |           |       |    |
|-------|-----|---|---------|------|------|------|-----------|-------|----|
|       | 165 | V | 17345.5 | 27.5 | 24.6 | 52.1 | 54(note3) | -1.9  | PK |
|       |     | H | 11650.5 | 29.3 | 16.9 | 46.2 | 54(note3) | -7.8  | PK |
|       |     | H | 17277.5 | 22.8 | 24.4 | 47.2 | 54(note3) | -6.8  | PK |
|       |     | V | 11642.0 | 28.7 | 16.8 | 45.5 | 54(note3) | -8.5  | PK |
|       |     | V | 17473.0 | 24.1 | 25.0 | 49.1 | 54(note3) | -4.9  | PK |
| Ant 2 | 147 | H | 11490.0 | 24.9 | 16.2 | 41.1 | 54(note3) | -12.9 | PK |
|       |     | H | 17235.0 | 21.3 | 24.2 | 45.5 | 54(note3) | -8.5  | PK |
|       |     | V | 11490.0 | 24.2 | 16.1 | 40.3 | 54(note3) | -13.7 | PK |
|       |     | V | 17235.0 | 21.7 | 24.3 | 46.0 | 54(note3) | -8.0  | PK |
|       | 157 | H | 11570.0 | 23.2 | 16.6 | 39.8 | 54(note3) | -14.2 | PK |
|       |     | H | 17355.0 | 21.7 | 24.5 | 46.2 | 54(note3) | -7.8  | PK |
|       |     | V | 11570.0 | 24.3 | 16.5 | 40.8 | 54(note3) | -13.2 | PK |
|       | 165 | V | 17355.0 | 22.0 | 24.6 | 46.6 | 54(note3) | -7.4  | PK |
|       |     | H | 11650.0 | 24.3 | 16.9 | 41.2 | 54(note3) | -12.8 | PK |
|       |     | H | 17475.0 | 19.9 | 24.9 | 44.8 | 54(note3) | -9.2  | PK |
|       |     | V | 11650.0 | 22.8 | 16.8 | 39.6 | 54(note3) | -14.4 | PK |

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode4: Transmit by 802.11n(20MHz)

| Chain | CH  | Antenna | Frequency<br>(MHz) | Reading<br>Level<br>(dBuV/m) | Factor<br>(dB) | Measure<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|-------|-----|---------|--------------------|------------------------------|----------------|------------------------------|-------------------|----------------|----------|
| Ant 1 | 1   | H       | 4824.0             | 28.5                         | 8.0            | 36.5                         | 54(note3)         | -17.5          | PK       |
|       |     | H       | 7236.0             | 25.4                         | 10.6           | 36.0                         | 54(note3)         | -18.0          | PK       |
|       |     | H       | 9648.0             | 27.1                         | 12.5           | 39.6                         | 54(note3)         | -14.4          | PK       |
|       |     | V       | 4824.0             | 29.8                         | 7.9            | 37.7                         | 54(note3)         | -16.3          | PK       |
|       |     | V       | 7236.0             | 26.6                         | 10.6           | 37.2                         | 54(note3)         | -16.8          | PK       |
|       |     | V       | 9648.0             | 26.6                         | 12.6           | 39.2                         | 54(note3)         | -14.8          | PK       |
|       | 6   | H       | 4874.0             | 29.2                         | 8.0            | 37.2                         | 54(note3)         | -16.8          | PK       |
|       |     | H       | 7311.0             | 26.5                         | 10.8           | 37.3                         | 54(note3)         | -16.7          | PK       |
|       |     | H       | 9748.0             | 26.3                         | 12.7           | 39.0                         | 54(note3)         | -15.0          | PK       |
|       |     | V       | 4874.0             | 29.9                         | 8.0            | 37.9                         | 54(note3)         | -16.1          | PK       |
|       |     | V       | 7311.0             | 26.2                         | 10.8           | 37.0                         | 54(note3)         | -17.0          | PK       |
|       |     | V       | 9748.0             | 25.9                         | 12.8           | 38.7                         | 54(note3)         | -15.3          | PK       |
|       | 11  | H       | 4924.0             | 30.0                         | 8.1            | 38.1                         | 54(note3)         | -15.9          | PK       |
|       |     | H       | 7386.0             | 27.6                         | 10.9           | 38.5                         | 54(note3)         | -15.5          | PK       |
|       |     | H       | 9848.0             | 26.6                         | 12.9           | 39.5                         | 54(note3)         | -14.5          | PK       |
|       |     | V       | 4924.0             | 30.0                         | 8.2            | 38.2                         | 54(note3)         | -15.8          | PK       |
|       |     | V       | 7386.0             | 27.5                         | 10.9           | 38.4                         | 54(note3)         | -15.6          | PK       |
|       |     | V       | 9848.0             | 24.9                         | 13.0           | 37.9                         | 54(note3)         | -16.1          | PK       |
|       | 149 | H       | 11489.0            | 30.4                         | 16.2           | 46.6                         | 54(note3)         | -7.4           | PK       |
|       |     | H       | 16640.0            | 25.2                         | 22.5           | 47.7                         | 54(note3)         | -6.3           | PK       |
|       |     | V       | 11489.0            | 26.6                         | 16.1           | 42.7                         | 54(note3)         | -11.3          | PK       |
|       |     | V       | 17235.0            | 28.0                         | 24.3           | 52.3                         | 54(note3)         | -1.7           | PK       |
|       | 157 | H       | 11574.0            | 31.1                         | 16.6           | 47.7                         | 54(note3)         | -6.3           | PK       |
|       |     | V       | 17328.5            | 23.0                         | 24.4           | 47.4                         | 54(note3)         | -6.6           | PK       |
|       |     | H       | 11574.0            | 26.9                         | 16.5           | 43.4                         | 54(note3)         | -10.6          | PK       |
|       |     | V       | 17362.5            | 28.3                         | 24.6           | 52.9                         | 54(note3)         | -1.1           | PK       |
|       | 165 | H       | 11650.5            | 28.9                         | 16.9           | 45.8                         | 54(note3)         | -8.2           | PK       |
|       |     | H       | 17617.5            | 21.2                         | 25.4           | 46.6                         | 54(note3)         | -7.4           | PK       |
|       |     | V       | 11650.5            | 28.0                         | 16.8           | 44.8                         | 54(note3)         | -9.2           | PK       |
|       |     | V       | 17456.0            | 24.3                         | 24.9           | 49.2                         | 54(note3)         | -4.8           | PK       |
| Ant 2 | 1   | H       | 4824.0             | 30.0                         | 8.0            | 38.0                         | 54(note3)         | -16.0          | PK       |
|       |     | H       | 7236.0             | 25.5                         | 10.6           | 36.1                         | 54(note3)         | -17.9          | PK       |

|            |     |   |         |      |      |      |           |       |    |
|------------|-----|---|---------|------|------|------|-----------|-------|----|
|            |     | H | 9648.0  | 28.5 | 12.5 | 41.0 | 54(note3) | -13.0 | PK |
|            |     | V | 4824.0  | 29.1 | 7.9  | 37.0 | 54(note3) | -17.0 | PK |
|            |     | V | 7236.0  | 25.5 | 10.6 | 36.1 | 54(note3) | -17.9 | PK |
|            |     | V | 9648.0  | 27.1 | 12.6 | 39.7 | 54(note3) | -14.3 | PK |
|            | 6   | H | 4874.0  | 28.8 | 8.0  | 36.8 | 54(note3) | -17.2 | PK |
|            |     | H | 7311.0  | 26.4 | 10.8 | 37.2 | 54(note3) | -16.8 | PK |
|            |     | H | 9748.0  | 27.0 | 12.7 | 39.7 | 54(note3) | -14.3 | PK |
|            |     | V | 4874.0  | 29.4 | 8.0  | 37.4 | 54(note3) | -16.6 | PK |
|            |     | V | 7311.0  | 26.2 | 10.8 | 37.0 | 54(note3) | -17.0 | PK |
|            |     | V | 9748.0  | 26.1 | 12.8 | 38.9 | 54(note3) | -15.1 | PK |
|            | 11  | H | 4924.0  | 29.1 | 8.1  | 37.2 | 54(note3) | -16.8 | PK |
|            |     | H | 7386.0  | 27.0 | 10.9 | 37.9 | 54(note3) | -16.1 | PK |
|            |     | H | 9848.0  | 25.9 | 12.9 | 38.8 | 54(note3) | -15.2 | PK |
|            |     | V | 4924.0  | 29.7 | 8.2  | 37.9 | 54(note3) | -16.1 | PK |
|            |     | V | 7386.0  | 27.0 | 10.9 | 37.9 | 54(note3) | -16.1 | PK |
|            |     | V | 9848.0  | 25.9 | 13.0 | 38.9 | 54(note3) | -15.1 | PK |
|            | 149 | H | 11490.0 | 23.5 | 16.2 | 39.7 | 54(note3) | -14.3 | PK |
|            |     | H | 17235.0 | 21.3 | 24.2 | 45.5 | 54(note3) | -8.5  | PK |
|            |     | V | 11490.0 | 24.3 | 16.1 | 40.4 | 54(note3) | -13.6 | PK |
|            |     | V | 17235.0 | 22.6 | 24.3 | 46.9 | 54(note3) | -7.1  | PK |
|            | 157 | H | 11570.0 | 23.8 | 16.6 | 40.4 | 54(note3) | -13.6 | PK |
|            |     | H | 17355.0 | 22.7 | 24.5 | 47.2 | 54(note3) | -6.8  | PK |
|            |     | V | 11570.0 | 23.1 | 16.5 | 39.6 | 54(note3) | -14.4 | PK |
|            |     | V | 17355.0 | 21.8 | 24.6 | 46.4 | 54(note3) | -7.6  | PK |
|            | 165 | H | 11650.0 | 22.8 | 16.9 | 39.7 | 54(note3) | -14.3 | PK |
|            |     | H | 17475.0 | 20.2 | 24.9 | 45.1 | 54(note3) | -8.9  | PK |
|            |     | V | 11650.0 | 23.5 | 16.8 | 40.3 | 54(note3) | -13.7 | PK |
|            |     | V | 17475.0 | 20.4 | 25.0 | 45.4 | 54(note3) | -8.6  | PK |
| Ant<br>1+2 | 1   | H | 4824.0  | 29.5 | 8.0  | 37.5 | 54(note3) | -16.5 | PK |
|            |     | H | 7236.0  | 25.4 | 10.6 | 36.0 | 54(note3) | -18.0 | PK |
|            |     | H | 9648.0  | 27.3 | 12.5 | 39.8 | 54(note3) | -14.2 | PK |
|            |     | V | 4824.0  | 29.2 | 7.9  | 37.1 | 54(note3) | -16.9 | PK |
|            |     | V | 7236.0  | 26.2 | 10.6 | 36.8 | 54(note3) | -17.2 | PK |
|            |     | V | 9648.0  | 27.1 | 12.6 | 39.7 | 54(note3) | -14.3 | PK |
|            | 6   | H | 4874.0  | 28.4 | 8.0  | 36.4 | 54(note3) | -17.6 | PK |
|            |     | H | 7311.0  | 26.0 | 10.8 | 36.8 | 54(note3) | -17.2 | PK |
|            |     | H | 9748.0  | 25.9 | 12.7 | 38.6 | 54(note3) | -15.4 | PK |

|  |     |   |         |      |      |      |           |       |    |
|--|-----|---|---------|------|------|------|-----------|-------|----|
|  |     | V | 4874.0  | 29.2 | 8.0  | 37.2 | 54(note3) | -16.8 | PK |
|  |     | V | 7311.0  | 26.5 | 10.8 | 37.3 | 54(note3) | -16.7 | PK |
|  |     | V | 9748.0  | 26.6 | 12.8 | 39.4 | 54(note3) | -14.6 | PK |
|  | 11  | H | 4924.0  | 29.0 | 8.1  | 37.1 | 54(note3) | -16.9 | PK |
|  |     | H | 7386.0  | 26.9 | 10.9 | 37.8 | 54(note3) | -16.2 | PK |
|  |     | H | 9848.0  | 25.3 | 12.9 | 38.2 | 54(note3) | -15.8 | PK |
|  |     | V | 4924.0  | 29.8 | 8.2  | 38.0 | 54(note3) | -16.0 | PK |
|  |     | V | 7386.0  | 27.0 | 10.9 | 37.9 | 54(note3) | -16.1 | PK |
|  |     | V | 9848.0  | 25.4 | 13.0 | 38.4 | 54(note3) | -15.6 | PK |
|  | 149 | H | 11490.0 | 24.1 | 16.2 | 40.3 | 54(note3) | -13.7 | PK |
|  |     | H | 17235.0 | 20.7 | 24.2 | 44.9 | 54(note3) | -9.1  | PK |
|  |     | V | 11490.0 | 24.0 | 16.1 | 40.1 | 54(note3) | -13.9 | PK |
|  |     | V | 17235.0 | 22.1 | 24.3 | 46.4 | 54(note3) | -7.6  | PK |
|  | 157 | H | 11570.0 | 25.1 | 16.6 | 41.7 | 54(note3) | -12.3 | PK |
|  |     | H | 17355.0 | 21.0 | 24.5 | 45.5 | 54(note3) | -8.5  | PK |
|  |     | V | 11570.0 | 24.2 | 16.5 | 40.7 | 54(note3) | -13.3 | PK |
|  |     | V | 17355.0 | 21.5 | 24.6 | 46.1 | 54(note3) | -7.9  | PK |
|  | 165 | H | 11650.0 | 24.3 | 16.9 | 41.2 | 54(note3) | -12.8 | PK |
|  |     | H | 17475.0 | 19.8 | 24.9 | 44.7 | 54(note3) | -9.3  | PK |
|  |     | V | 11650.0 | 23.7 | 16.8 | 40.5 | 54(note3) | -13.5 | PK |
|  |     | V | 17475.0 | 19.6 | 25.0 | 44.6 | 54(note3) | -9.4  | PK |

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode5: Transmit by 802.11ac(20MHz)

| Chain   | CH  | Antenna | Frequency<br>(MHz) | Reading<br>Level<br>(dBuV/m) | Factor<br>(dB) | Measure<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|---------|-----|---------|--------------------|------------------------------|----------------|------------------------------|-------------------|----------------|----------|
| Ant 1   | 149 | H       | 11489.0            | 30.2                         | 16.2           | 46.4                         | 54(note3)         | -7.6           | PK       |
|         |     | H       | 17243.5            | 23.3                         | 24.3           | 47.6                         | 54(note3)         | -6.4           | PK       |
|         |     | V       | 11497.5            | 27.1                         | 16.2           | 43.3                         | 54(note3)         | -10.7          | PK       |
|         |     | V       | 17226.5            | 29.0                         | 24.2           | 53.2                         | 54(note3)         | -0.8           | PK       |
|         | 157 | H       | 11574.0            | 29.2                         | 16.6           | 45.8                         | 54(note3)         | -8.2           | PK       |
|         |     | H       | 17337.0            | 24.1                         | 24.5           | 48.6                         | 54(note3)         | -5.4           | PK       |
|         |     | V       | 11574.0            | 27.2                         | 16.5           | 43.7                         | 54(note3)         | -10.3          | PK       |
|         |     | V       | 17354.0            | 26.6                         | 24.6           | 51.2                         | 54(note3)         | -2.8           | PK       |
|         | 165 | H       | 11659.0            | 28.2                         | 17.0           | 45.2                         | 54(note3)         | -8.8           | PK       |
|         |     | H       | 17243.5            | 22.4                         | 24.3           | 46.7                         | 54(note3)         | -7.3           | PK       |
|         |     | V       | 11650.5            | 29.3                         | 16.8           | 46.1                         | 54(note3)         | -7.9           | PK       |
|         |     | V       | 17473.0            | 24.7                         | 25.0           | 49.7                         | 54(note3)         | -4.3           | PK       |
| Ant 2   | 149 | H       | 11490.0            | 23.5                         | 16.2           | 39.7                         | 54(note3)         | -14.3          | PK       |
|         |     | H       | 17235.0            | 21.5                         | 24.2           | 45.7                         | 54(note3)         | -8.3           | PK       |
|         |     | V       | 11490.0            | 24.1                         | 16.1           | 40.2                         | 54(note3)         | -13.8          | PK       |
|         |     | V       | 17235.0            | 22.9                         | 24.3           | 47.2                         | 54(note3)         | -6.8           | PK       |
|         | 157 | H       | 11570.0            | 22.7                         | 16.6           | 39.3                         | 54(note3)         | -14.7          | PK       |
|         |     | H       | 17355.0            | 21.5                         | 24.5           | 46.0                         | 54(note3)         | -8.0           | PK       |
|         |     | V       | 11570.0            | 23.8                         | 16.5           | 40.3                         | 54(note3)         | -13.7          | PK       |
|         |     | V       | 17355.0            | 21.4                         | 24.6           | 46.0                         | 54(note3)         | -8.0           | PK       |
|         | 165 | H       | 11650.0            | 23.3                         | 16.9           | 40.2                         | 54(note3)         | -13.8          | PK       |
|         |     | H       | 17475.0            | 20.0                         | 24.9           | 44.9                         | 54(note3)         | -9.1           | PK       |
|         |     | V       | 11650.0            | 22.7                         | 16.8           | 39.5                         | 54(note3)         | -14.5          | PK       |
|         |     | V       | 17475.0            | 20.1                         | 25.0           | 45.1                         | 54(note3)         | -8.9           | PK       |
| Ant 1+2 | 149 | H       | 11490.0            | 24.9                         | 16.2           | 41.1                         | 54(note3)         | -12.9          | PK       |
|         |     | H       | 17235.0            | 21.8                         | 24.2           | 46.0                         | 54(note3)         | -8.0           | PK       |
|         |     | V       | 11490.0            | 23.8                         | 16.1           | 39.9                         | 54(note3)         | -14.1          | PK       |
|         |     | V       | 17235.0            | 22.0                         | 24.3           | 46.3                         | 54(note3)         | -7.7           | PK       |
|         | 157 | H       | 11570.0            | 25.2                         | 16.6           | 41.8                         | 54(note3)         | -12.2          | PK       |
|         |     | H       | 17355.0            | 21.3                         | 24.5           | 45.8                         | 54(note3)         | -8.2           | PK       |
|         |     | V       | 11570.0            | 23.9                         | 16.5           | 40.4                         | 54(note3)         | -13.6          | PK       |
|         |     | V       | 17355.0            | 21.6                         | 24.6           | 46.2                         | 54(note3)         | -7.8           | PK       |

|  |     |   |         |      |      |      |           |       |    |
|--|-----|---|---------|------|------|------|-----------|-------|----|
|  | 165 | H | 11650.0 | 24.5 | 16.9 | 41.4 | 54(note3) | -12.6 | PK |
|  |     | H | 17475.0 | 19.9 | 24.9 | 44.8 | 54(note3) | -9.2  | PK |
|  |     | V | 11650.0 | 23.4 | 16.8 | 40.2 | 54(note3) | -13.8 | PK |
|  |     | V | 17475.0 | 20.4 | 25.0 | 45.4 | 54(note3) | -8.6  | PK |

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode6: Transmit by 802.11n(40MHz)

| Chain | CH  | Antenna | Frequency (MHz) | Reading Level (dBUV/m) | Factor (dB) | Measure Level (dBUV/m) | Limit (dBUV/m) | Margin (dB) | Detector |
|-------|-----|---------|-----------------|------------------------|-------------|------------------------|----------------|-------------|----------|
| Ant 1 | 3   | H       | 4844.0          | 29.7                   | 8.0         | 37.7                   | 54(note3)      | -16.3       | PK       |
|       |     | H       | 7266.0          | 25.3                   | 10.7        | 36.0                   | 54(note3)      | -18.0       | PK       |
|       |     | H       | 9688.0          | 25.9                   | 12.7        | 38.6                   | 54(note3)      | -15.4       | PK       |
|       |     | V       | 4844.0          | 29.7                   | 7.9         | 37.6                   | 54(note3)      | -16.4       | PK       |
|       |     | V       | 7266.0          | 26.6                   | 10.7        | 37.3                   | 54(note3)      | -16.7       | PK       |
|       |     | V       | 9688.0          | 26.0                   | 12.7        | 38.7                   | 54(note3)      | -15.3       | PK       |
|       | 6   | H       | 4874.0          | 29.4                   | 8.0         | 37.4                   | 54(note3)      | -16.6       | PK       |
|       |     | H       | 7311.0          | 26.2                   | 10.8        | 37.0                   | 54(note3)      | -17.0       | PK       |
|       |     | H       | 9748.0          | 25.8                   | 12.7        | 38.5                   | 54(note3)      | -15.5       | PK       |
|       |     | V       | 4874.0          | 29.7                   | 8.0         | 37.7                   | 54(note3)      | -16.3       | PK       |
|       |     | V       | 7311.0          | 26.5                   | 10.8        | 37.3                   | 54(note3)      | -16.7       | PK       |
|       |     | V       | 9748.0          | 25.8                   | 12.8        | 38.6                   | 54(note3)      | -15.4       | PK       |
|       | 9   | H       | 4904.0          | 28.8                   | 8.1         | 36.9                   | 54(note3)      | -17.1       | PK       |
|       |     | H       | 7356.0          | 26.7                   | 10.8        | 37.5                   | 54(note3)      | -16.5       | PK       |
|       |     | H       | 9808.0          | 26.2                   | 12.8        | 39.0                   | 54(note3)      | -15.0       | PK       |
|       |     | V       | 4904.0          | 29.4                   | 8.2         | 37.6                   | 54(note3)      | -16.4       | PK       |
|       |     | V       | 7356.0          | 26.4                   | 10.8        | 37.2                   | 54(note3)      | -16.8       | PK       |
|       |     | V       | 9808.0          | 24.5                   | 12.9        | 37.4                   | 54(note3)      | -16.6       | PK       |
|       | 151 | H       | 11506.0         | 29.0                   | 16.3        | 45.3                   | 54(note3)      | -8.7        | PK       |
|       |     | H       | 17260.5         | 23.1                   | 24.4        | 47.5                   | 54(note3)      | -6.5        | PK       |

|         |     |   |         |      |      |      |           |       |    |
|---------|-----|---|---------|------|------|------|-----------|-------|----|
|         |     | V | 11506.0 | 26.2 | 16.2 | 42.4 | 54(note3) | -11.6 | PK |
|         |     | V | 17260.5 | 25.0 | 24.5 | 49.5 | 54(note3) | -4.5  | PK |
|         | 159 | H | 11591.0 | 26.9 | 16.6 | 43.5 | 54(note3) | -10.5 | PK |
|         |     | H | 17385.0 | 21.7 | 24.6 | 46.3 | 54(note3) | -7.7  | PK |
|         |     | V | 11591.0 | 25.9 | 16.5 | 42.4 | 54(note3) | -11.6 | PK |
|         |     | V | 17379.5 | 25.2 | 24.7 | 49.9 | 54(note3) | -4.1  | PK |
| Ant 2   | 3   | H | 4844.0  | 28.7 | 8.0  | 36.7 | 54(note3) | -17.3 | PK |
|         |     | H | 7266.0  | 25.3 | 10.7 | 36.0 | 54(note3) | -18.0 | PK |
|         |     | H | 9688.0  | 26.7 | 12.7 | 39.4 | 54(note3) | -14.6 | PK |
|         |     | V | 4844.0  | 29.3 | 7.9  | 37.2 | 54(note3) | -16.8 | PK |
|         |     | V | 7266.0  | 25.9 | 10.7 | 36.6 | 54(note3) | -17.4 | PK |
|         |     | V | 9688.0  | 25.6 | 12.7 | 38.3 | 54(note3) | -15.7 | PK |
|         | 6   | H | 4874.0  | 29.4 | 8.0  | 37.4 | 54(note3) | -16.6 | PK |
|         |     | H | 7311.0  | 27.6 | 10.8 | 38.4 | 54(note3) | -15.6 | PK |
|         |     | H | 9748.0  | 26.6 | 12.7 | 39.3 | 54(note3) | -14.7 | PK |
|         |     | V | 4874.0  | 29.3 | 8.0  | 37.3 | 54(note3) | -16.7 | PK |
|         |     | V | 7311.0  | 26.4 | 10.8 | 37.2 | 54(note3) | -16.8 | PK |
|         |     | V | 9748.0  | 26.0 | 12.8 | 38.8 | 54(note3) | -15.2 | PK |
|         | 9   | H | 4904.0  | 29.1 | 8.1  | 37.2 | 54(note3) | -16.8 | PK |
|         |     | H | 7356.0  | 26.5 | 10.8 | 37.3 | 54(note3) | -16.7 | PK |
|         |     | H | 9808.0  | 25.4 | 12.8 | 38.2 | 54(note3) | -15.8 | PK |
|         |     | V | 4904.0  | 29.6 | 8.2  | 37.8 | 54(note3) | -16.2 | PK |
|         |     | V | 7356.0  | 26.6 | 10.8 | 37.4 | 54(note3) | -16.6 | PK |
|         |     | V | 9808.0  | 25.1 | 12.9 | 38.0 | 54(note3) | -16.0 | PK |
|         | 151 | H | 11506.0 | 27.9 | 16.3 | 44.2 | 54(note3) | -9.8  | PK |
|         |     | H | 17265.0 | 22.2 | 24.4 | 46.6 | 54(note3) | -7.4  | PK |
|         |     | V | 11531.5 | 25.7 | 16.4 | 42.1 | 54(note3) | -11.9 | PK |
|         |     | V | 17260.5 | 26.2 | 24.5 | 50.7 | 54(note3) | -3.3  | PK |
|         | 159 | H | 11590.0 | 25.4 | 16.5 | 41.9 | 54(note3) | -12.1 | PK |
|         |     | H | 17385.0 | 23.6 | 24.7 | 48.3 | 54(note3) | -5.7  | PK |
|         |     | V | 11599.5 | 26.7 | 16.5 | 43.2 | 54(note3) | -10.8 | PK |
|         |     | V | 17388.0 | 24.5 | 24.7 | 49.2 | 54(note3) | -4.8  | PK |
| Ant 1+2 | 3   | H | 4844.0  | 28.9 | 8.0  | 36.9 | 54(note3) | -17.1 | PK |
|         |     | H | 7266.0  | 26.1 | 10.7 | 36.8 | 54(note3) | -17.2 | PK |
|         |     | H | 9688.0  | 27.5 | 12.7 | 40.2 | 54(note3) | -13.8 | PK |
|         |     | V | 4844.0  | 29.4 | 7.9  | 37.3 | 54(note3) | -16.7 | PK |
|         |     | V | 7266.0  | 25.4 | 10.7 | 36.1 | 54(note3) | -17.9 | PK |

|  |     |   |         |        |      |      |           |           |       |
|--|-----|---|---------|--------|------|------|-----------|-----------|-------|
|  |     | V | 9688.0  | 25.7   | 12.7 | 38.4 | 54(note3) | -15.6     | PK    |
|  | 6   | H | 4874.0  | 28.8   | 8.0  | 36.8 | 54(note3) | -17.2     | PK    |
|  |     | H | 7311.0  | 26.6   | 10.8 | 37.4 | 54(note3) | -16.6     | PK    |
|  |     | H | 9748.0  | 26.4   | 12.7 | 39.1 | 54(note3) | -14.9     | PK    |
|  |     | V | 4874.0  | 29.3   | 8.0  | 37.3 | 54(note3) | -16.7     | PK    |
|  |     | V | 7311.0  | 26.6   | 10.8 | 37.4 | 54(note3) | -16.6     | PK    |
|  |     | V | 9748.0  | 26.3   | 12.8 | 39.1 | 54(note3) | -14.9     | PK    |
|  |     | 9 | H       | 4904.0 | 28.3 | 8.1  | 36.4      | 54(note3) | -17.6 |
|  | H   |   | 7356.0  | 26.8   | 10.8 | 37.6 | 54(note3) | -16.4     | PK    |
|  | H   |   | 9808.0  | 25.2   | 12.8 | 38.0 | 54(note3) | -16.0     | PK    |
|  | V   |   | 4904.0  | 28.6   | 8.2  | 36.8 | 54(note3) | -17.2     | PK    |
|  | V   |   | 7356.0  | 26.7   | 10.8 | 37.5 | 54(note3) | -16.5     | PK    |
|  | V   |   | 9808.0  | 24.9   | 12.9 | 37.8 | 54(note3) | -16.2     | PK    |
|  | 151 | H | 11510.0 | 23.6   | 16.3 | 39.9 | 54(note3) | -14.1     | PK    |
|  |     | H | 17265.0 | 21.0   | 24.4 | 45.4 | 54(note3) | -8.6      | PK    |
|  |     | V | 11510.0 | 23.8   | 16.2 | 40.0 | 54(note3) | -14.0     | PK    |
|  |     | V | 17265.0 | 21.2   | 24.5 | 45.7 | 54(note3) | -8.3      | PK    |
|  | 159 | H | 11590.0 | 23.5   | 16.6 | 40.1 | 54(note3) | -13.9     | PK    |
|  |     | H | 17385.0 | 20.8   | 24.6 | 45.4 | 54(note3) | -8.6      | PK    |
|  |     | V | 11590.0 | 22.9   | 16.5 | 39.4 | 54(note3) | -14.6     | PK    |
|  |     | V | 17385.0 | 19.9   | 24.7 | 44.6 | 54(note3) | -9.4      | PK    |

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode7: Transmit by 802.11ac(40MHz)

| Chain   | CH  | Antenna | Frequency<br>(MHz) | Reading<br>Level<br>(dBuV/m) | Factor<br>(dB) | Measure<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|---------|-----|---------|--------------------|------------------------------|----------------|------------------------------|-------------------|----------------|----------|
| Ant 1   | 151 | H       | 11489.0            | 30.2                         | 16.2           | 46.4                         | 54(note3)         | -7.6           | PK       |
|         |     | H       | 17243.5            | 23.3                         | 24.3           | 47.6                         | 54(note3)         | -6.4           | PK       |
|         |     | V       | 11497.5            | 27.1                         | 16.2           | 43.3                         | 54(note3)         | -10.7          | PK       |
|         |     | V       | 17226.5            | 29.0                         | 24.2           | 53.2                         | 54(note3)         | -0.8           | PK       |
|         | 159 | H       | 11659.0            | 28.2                         | 17.0           | 45.2                         | 54(note3)         | -8.8           | PK       |
|         |     | H       | 17243.5            | 22.4                         | 24.3           | 46.7                         | 54(note3)         | -7.3           | PK       |
|         |     | V       | 11650.5            | 29.3                         | 16.8           | 46.1                         | 54(note3)         | -7.9           | PK       |
|         |     | V       | 17473.0            | 24.7                         | 25.0           | 49.7                         | 54(note3)         | -4.3           | PK       |
| Ant 2   | 151 | H       | 11510.0            | 23.4                         | 16.3           | 39.7                         | 54(note3)         | -14.3          | PK       |
|         |     | H       | 17265.0            | 21.6                         | 24.4           | 46.0                         | 54(note3)         | -8.0           | PK       |
|         |     | V       | 11510.0            | 23.9                         | 16.2           | 40.1                         | 54(note3)         | -13.9          | PK       |
|         |     | V       | 17265.0            | 20.9                         | 24.5           | 45.4                         | 54(note3)         | -8.6           | PK       |
|         | 159 | H       | 11590.0            | 22.9                         | 16.6           | 39.5                         | 54(note3)         | -14.5          | PK       |
|         |     | H       | 17385.0            | 20.3                         | 24.6           | 44.9                         | 54(note3)         | -9.1           | PK       |
|         |     | V       | 11590.0            | 23.5                         | 16.5           | 40.0                         | 54(note3)         | -14.0          | PK       |
|         |     | V       | 17385.0            | 19.8                         | 24.7           | 44.5                         | 54(note3)         | -9.5           | PK       |
| Ant 1+2 | 151 | H       | 11510.0            | 24.9                         | 16.3           | 41.2                         | 54(note3)         | -12.8          | PK       |
|         |     | H       | 17265.0            | 21.6                         | 24.4           | 46.0                         | 54(note3)         | -8.0           | PK       |
|         |     | V       | 11510.0            | 24.0                         | 16.2           | 40.2                         | 54(note3)         | -13.8          | PK       |
|         |     | V       | 17265.0            | 21.2                         | 24.5           | 45.7                         | 54(note3)         | -8.3           | PK       |
|         | 159 | H       | 11590.0            | 23.6                         | 16.6           | 40.2                         | 54(note3)         | -13.8          | PK       |
|         |     | H       | 17385.0            | 20.4                         | 24.6           | 45.0                         | 54(note3)         | -9.0           | PK       |
|         |     | V       | 11590.0            | 23.7                         | 16.5           | 40.2                         | 54(note3)         | -13.8          | PK       |
|         |     | V       | 17385.0            | 20.7                         | 24.7           | 45.4                         | 54(note3)         | -8.6           | PK       |

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode8: Transmit by 802.11ac(80MHz)

| Chain   | CH  | Antenna | Frequency<br>(MHz) | Reading<br>Level<br>(dBuV/m) | Factor<br>(dB) | Measure<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector |
|---------|-----|---------|--------------------|------------------------------|----------------|------------------------------|-------------------|----------------|----------|
| Ant 1   | 155 | H       | 11548.5            | 25.8                         | 16.5           | 42.3                         | 54(note3)         | -11.7          | PK       |
|         |     | H       | 17325.0            | 21.6                         | 24.4           | 46.0                         | 54(note3)         | -8.0           | PK       |
|         |     | V       | 11550.0            | 24.9                         | 16.4           | 41.3                         | 54(note3)         | -12.7          | PK       |
|         |     | V       | 17325.0            | 22.8                         | 24.5           | 47.3                         | 54(note3)         | -6.7           | PK       |
| Ant 2   | 155 | H       | 11550.0            | 24.2                         | 16.5           | 40.7                         | 54(note3)         | -13.3          | PK       |
|         |     | H       | 17325.0            | 20.7                         | 24.4           | 45.1                         | 54(note3)         | -8.9           | PK       |
|         |     | V       | 11550.0            | 23.4                         | 16.4           | 39.8                         | 54(note3)         | -14.2          | PK       |
|         |     | V       | 17325.0            | 21.0                         | 24.5           | 45.5                         | 54(note3)         | -8.5           | PK       |
| Ant 1+2 | 155 | H       | 11550.0            | 25.3                         | 16.5           | 41.8                         | 54(note3)         | -12.2          | PK       |
|         |     | H       | 17325.0            | 21.6                         | 24.4           | 46.0                         | 54(note3)         | -8.0           | PK       |
|         |     | V       | 11550.0            | 24.0                         | 16.4           | 40.4                         | 54(note3)         | -13.6          | PK       |
|         |     | V       | 17325.0            | 20.9                         | 24.5           | 45.4                         | 54(note3)         | -8.6           | PK       |

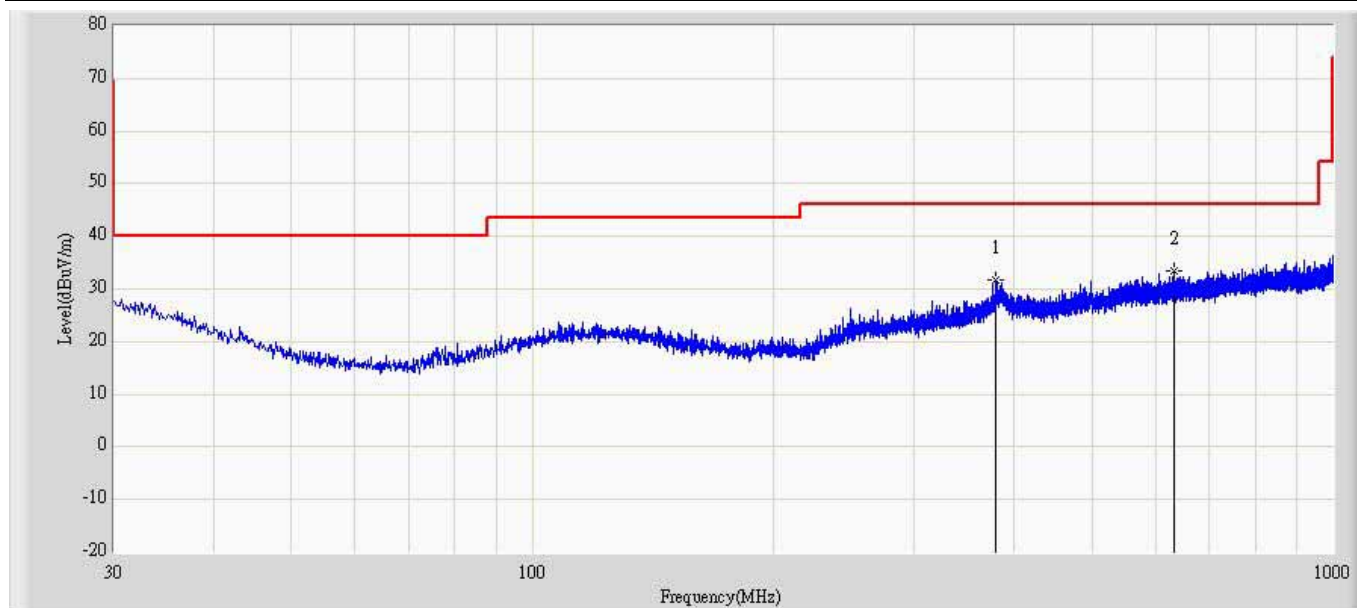
Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

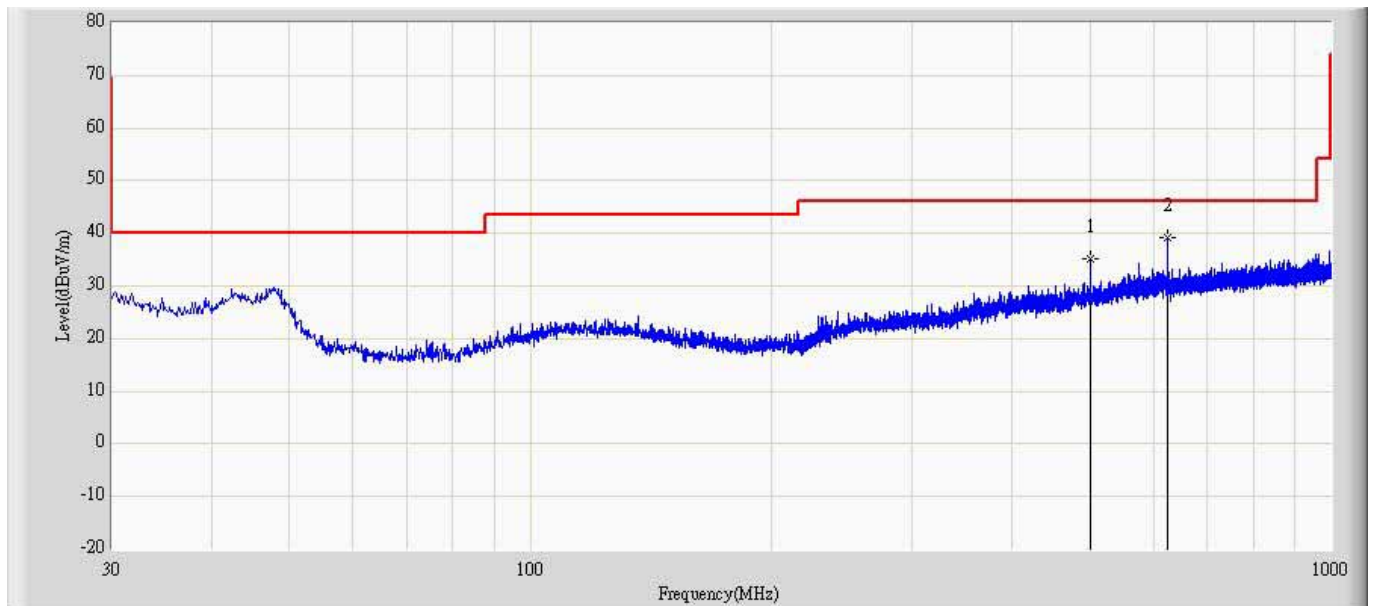
## The worst case of Radiated Emission below 1GHz:

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC2                                           | Time: 2014/07/22 - 21:46 |
| Limit: FCC_Part15.209_RE(3m)                        | Margin: 0                |
| Probe: CBL6112D_27611(30-1000MHz)                   | Polarity: Horizontal     |
| EUT: Mi Wi-Fi                                       | Power: AC 120V/60Hz      |
| Note: Mode2: Transmit at channel 2437MHz by 802.11g |                          |



| No | Mark | Frequency<br>(MHz) | Measure Level<br>(dBuV/m) | Reading Level<br>(dBuV) | Over Limit<br>(dB) | Limit<br>(dBuV/m) | Factor<br>(dB) | Type |
|----|------|--------------------|---------------------------|-------------------------|--------------------|-------------------|----------------|------|
| 1  |      | 378.715            | 31.586                    | 8.686                   | -14.414            | 46.000            | 22.900         | QP   |
| 2  | *    | 634.431            | 33.380                    | 5.948                   | -12.620            | 46.000            | 27.432         | QP   |

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| Site: AC2                                           | Time: 2014/07/22 - 21:46 |
| Limit: FCC_Part15.209_RE(3m)                        | Margin: 0                |
| Probe: CBL6112D_27611(30-1000MHz)                   | Polarity: Vertical       |
| EUT: Mi Wi-Fi                                       | Power: AC 120V/60Hz      |
| Note: Mode2: Transmit at channel 2437MHz by 802.11g |                          |



| No | Mark | Frequency<br>(MHz) | Measure Level<br>(dBuV/m) | Reading Level<br>(dBuV) | Over Limit<br>(dB) | Limit<br>(dBuV/m) | Factor<br>(dB) | Type |
|----|------|--------------------|---------------------------|-------------------------|--------------------|-------------------|----------------|------|
| 1  |      | 499.965            | 35.107                    | 9.667                   | -10.893            | 46.000            | 25.440         | QP   |
| 2  | *    | 624.974            | 39.142                    | 11.744                  | -6.858             | 46.000            | 27.398         | QP   |

## 5. RF Antenna Conducted Spurious

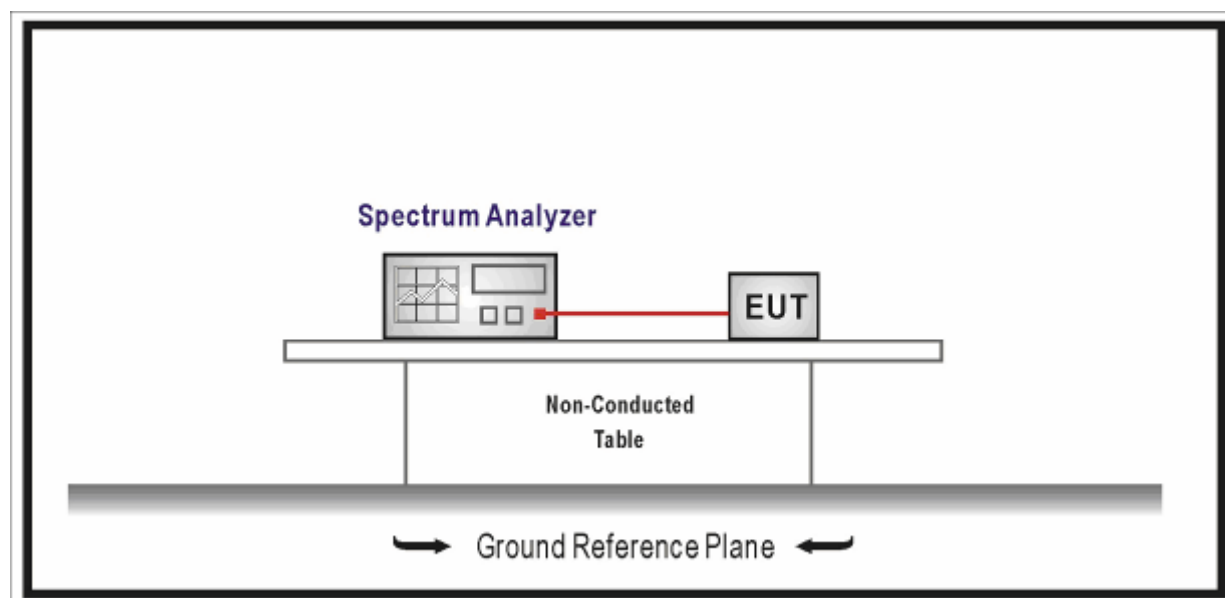
### 5.1. Test Equipment

RF Antenna Conducted Spurious / TR-8

| Instrument                 | Manufacturer | Type No. | Serial No. | Cal. Date  |
|----------------------------|--------------|----------|------------|------------|
| Spectrum Analyzer          | Agilent      | E4446A   | MY45300103 | 2015.01.07 |
| Temperature/Humidity Meter | zhicheng     | ZC1-2    | TR8-TH     | 2015.04.09 |

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

### 5.2. Test Setup



### 5.3. Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

#### **5.4. Test Procedure**

The EUT was tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

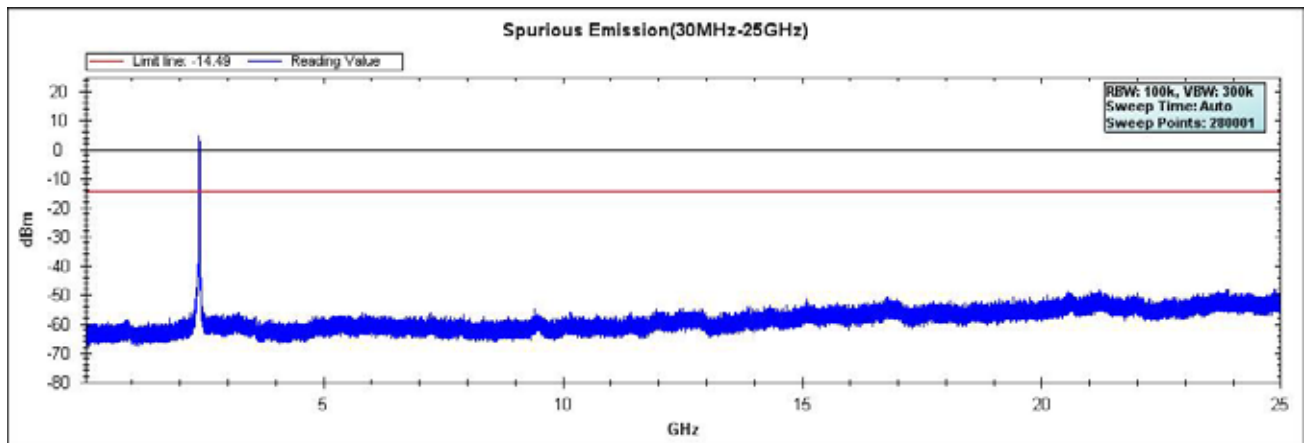
#### **5.5. Uncertainty**

The measurement uncertainty is defined as  $\pm 1.27$  dB

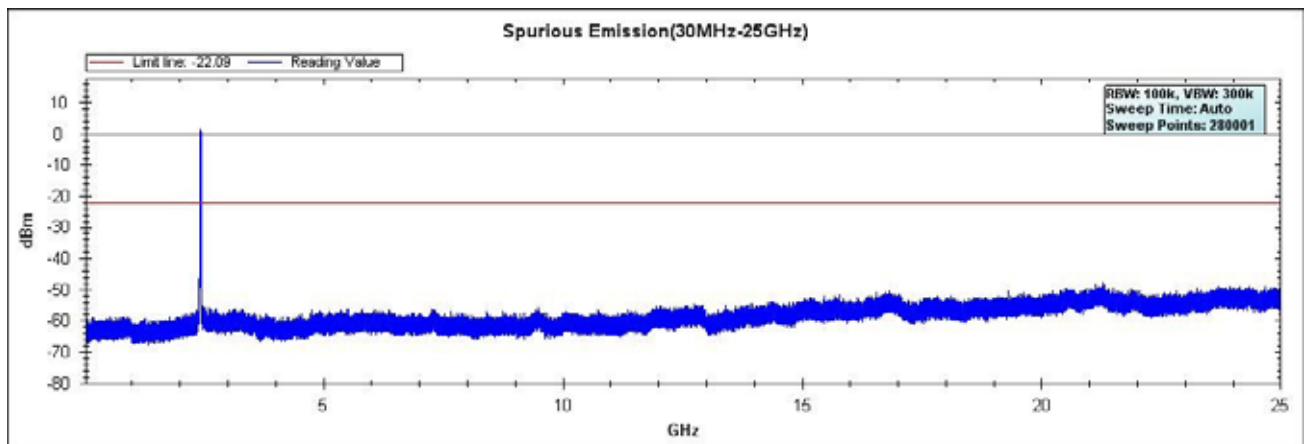
## 5.6. Test Result

|           |   |                                     |
|-----------|---|-------------------------------------|
| Product   | : | Mi Wi-Fi                            |
| Test Item | : | RF Antenna Conducted Spurious       |
| Test Site | : | TR-8                                |
| Test Mode | : | Mode 1: Transmit by 802.11b (Ant 1) |

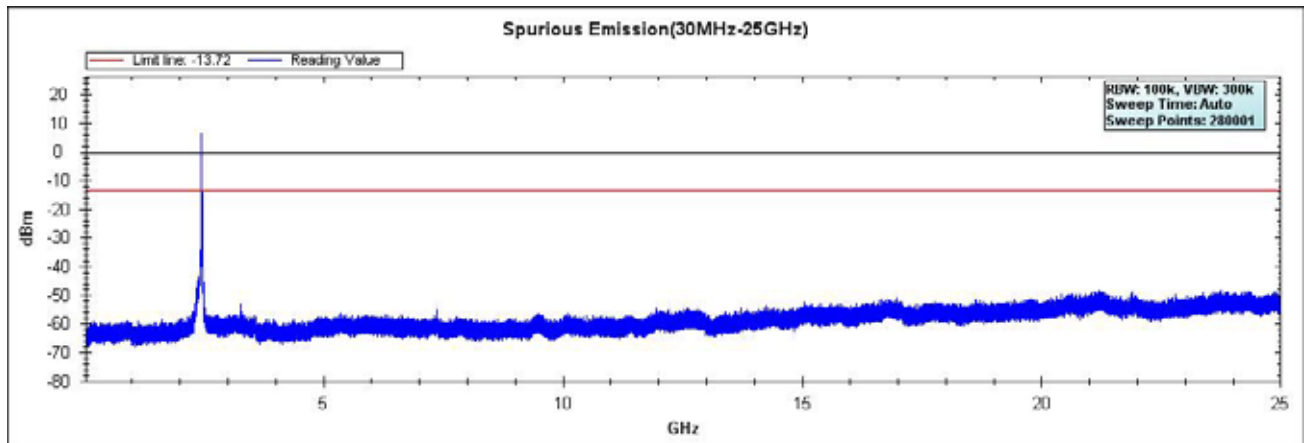
### Channel 01 (2412MHz)



### Channel 06 (2437MHz)

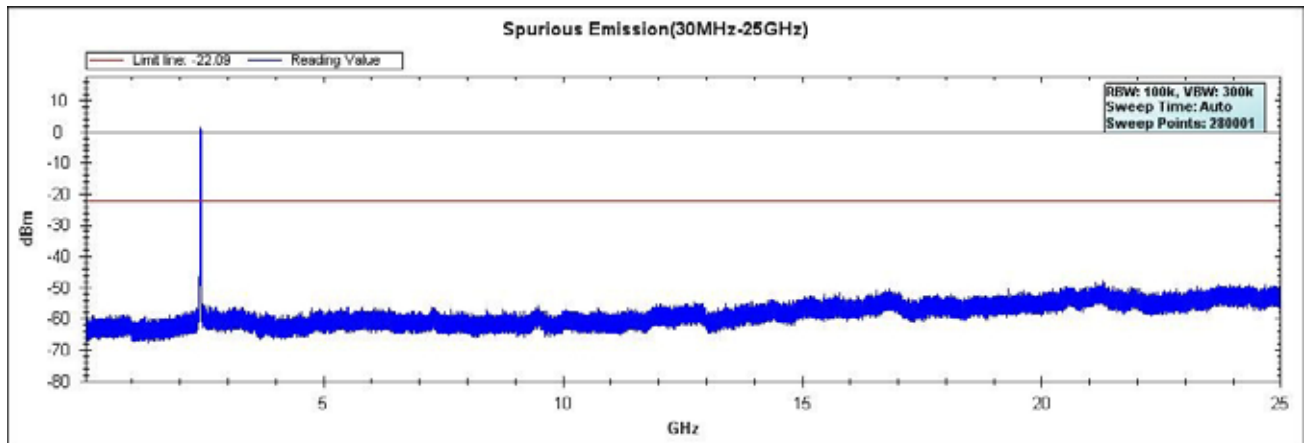


### Channel 11 (2462MHz)

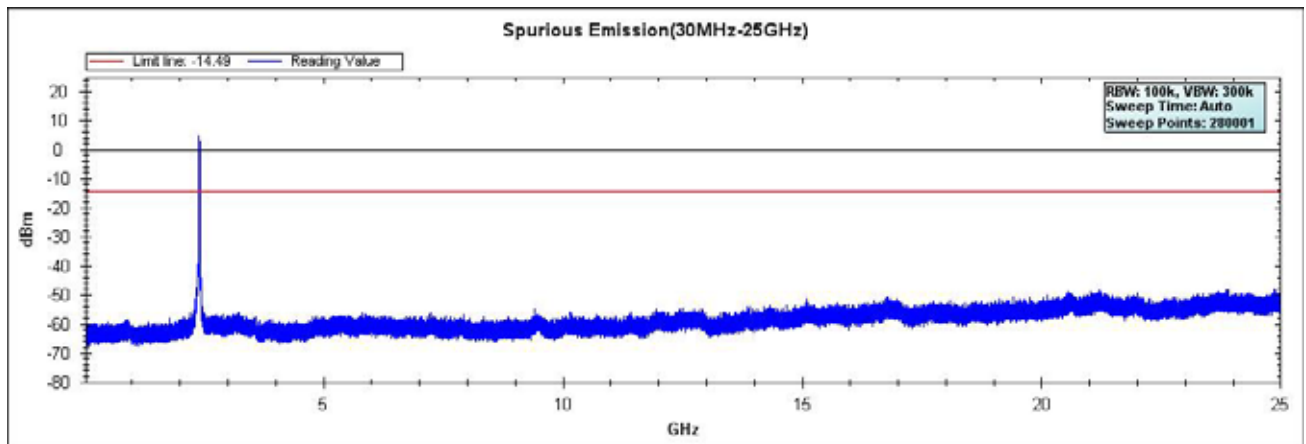


|           |   |                                     |
|-----------|---|-------------------------------------|
| Product   | : | Mi Wi-Fi                            |
| Test Item | : | RF Antenna Conducted Spurious       |
| Test Site | : | TR-8                                |
| Test Mode | : | Mode 2: Transmit by 802.11g (Ant 1) |

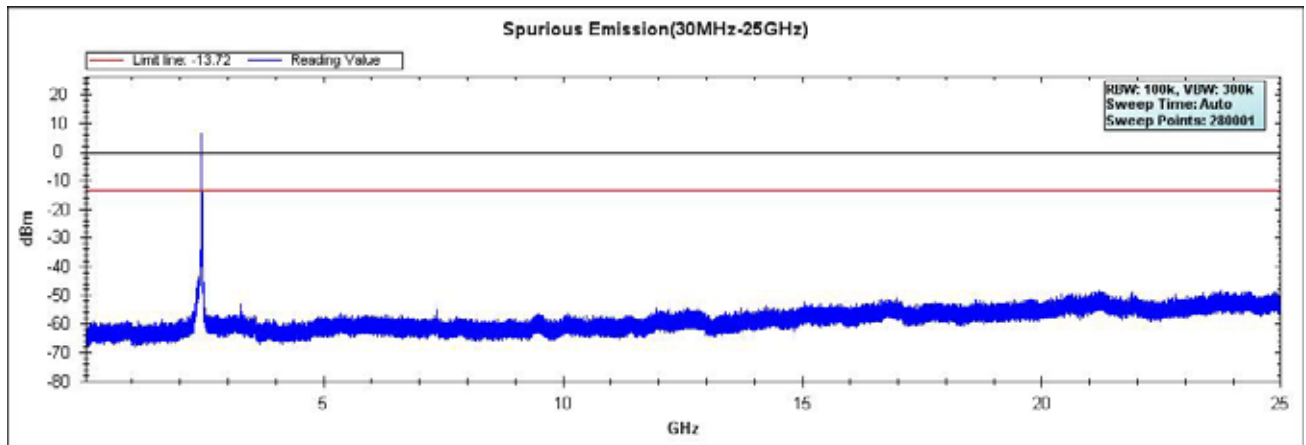
### Channel 01 (2412MHz)



### Channel 06 (2437MHz)

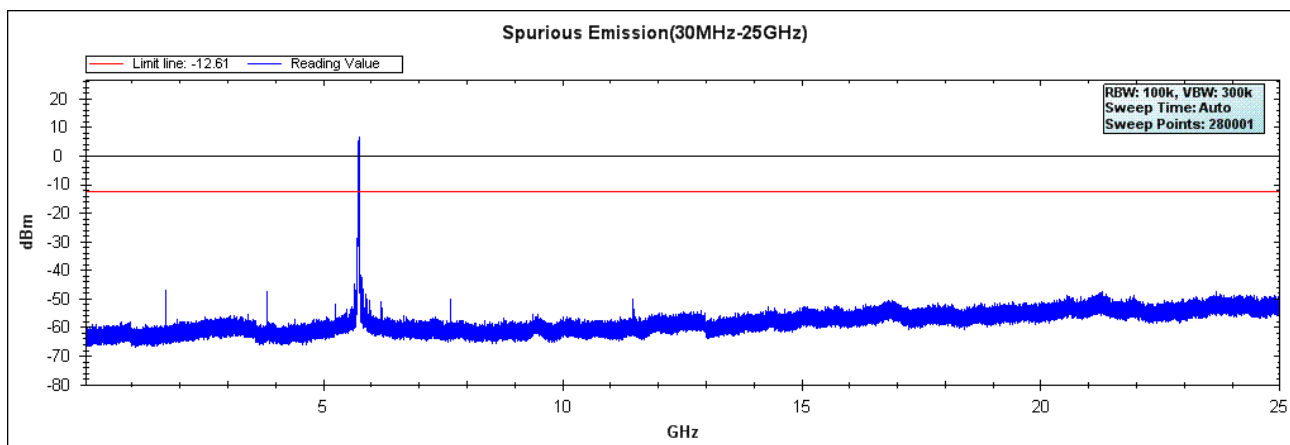


### Channel 11 (2462MHz)

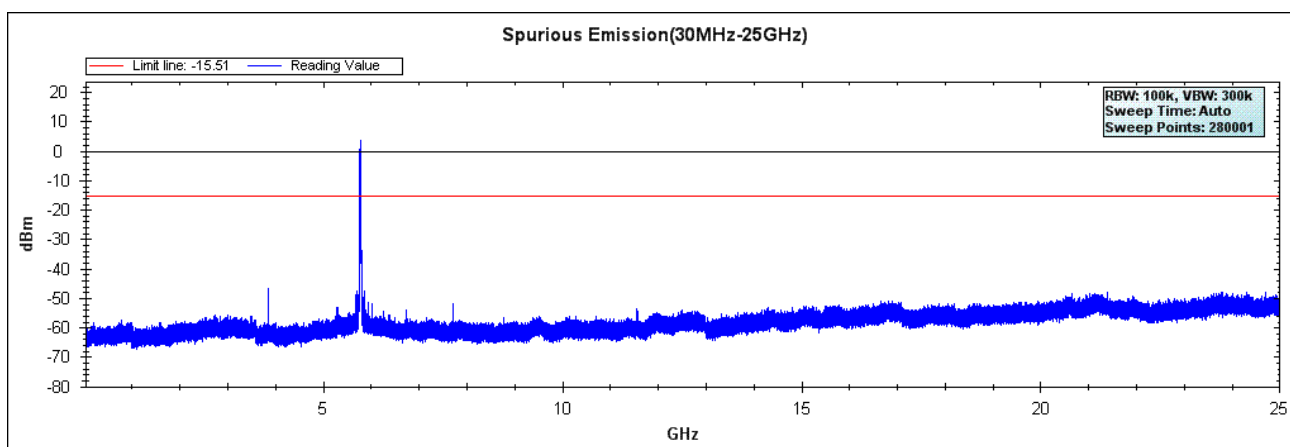


|           |   |                                     |
|-----------|---|-------------------------------------|
| Product   | : | Mi Wi-Fi                            |
| Test Item | : | RF Antenna Conducted Spurious       |
| Test Site | : | TR-8                                |
| Test Mode | : | Mode 3: Transmit by 802.11a (Ant 1) |

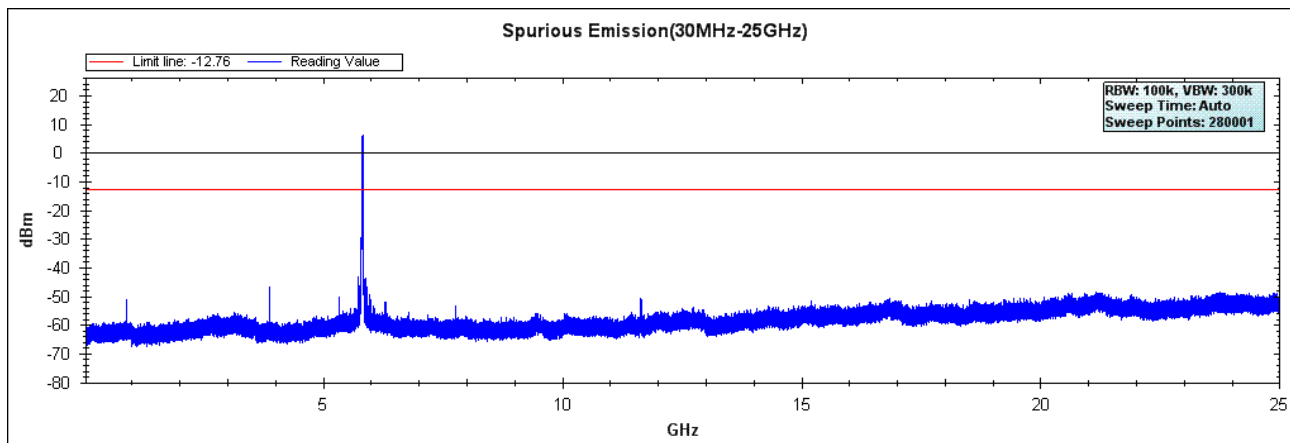
### Channel 149 (5745MHz)



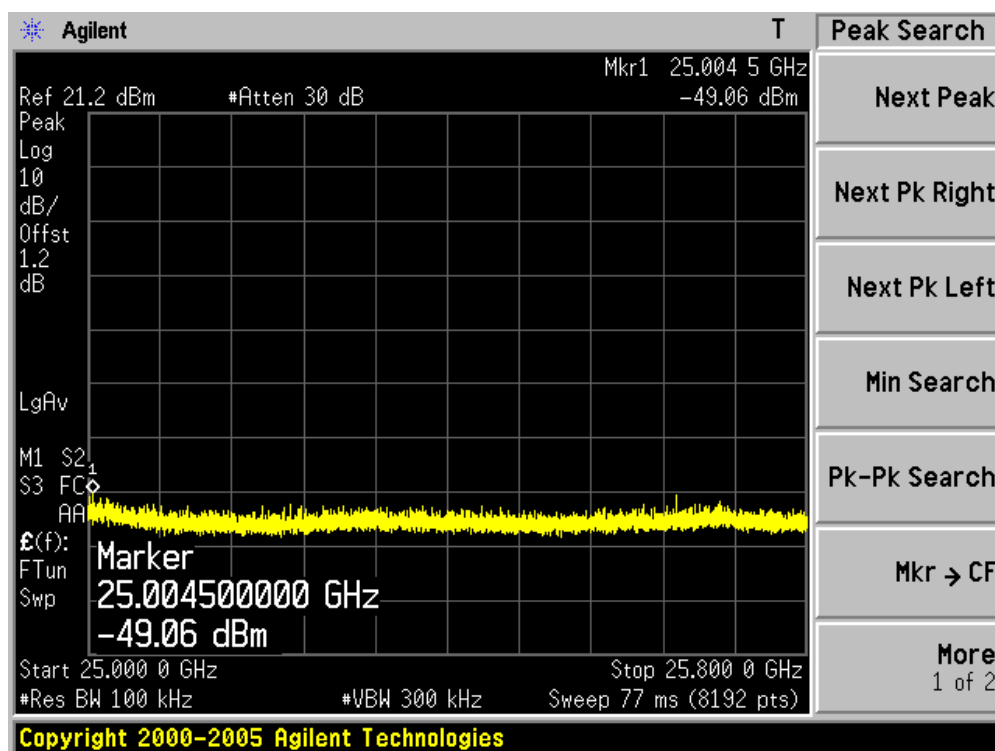
### Channel 157 (5785MHz)



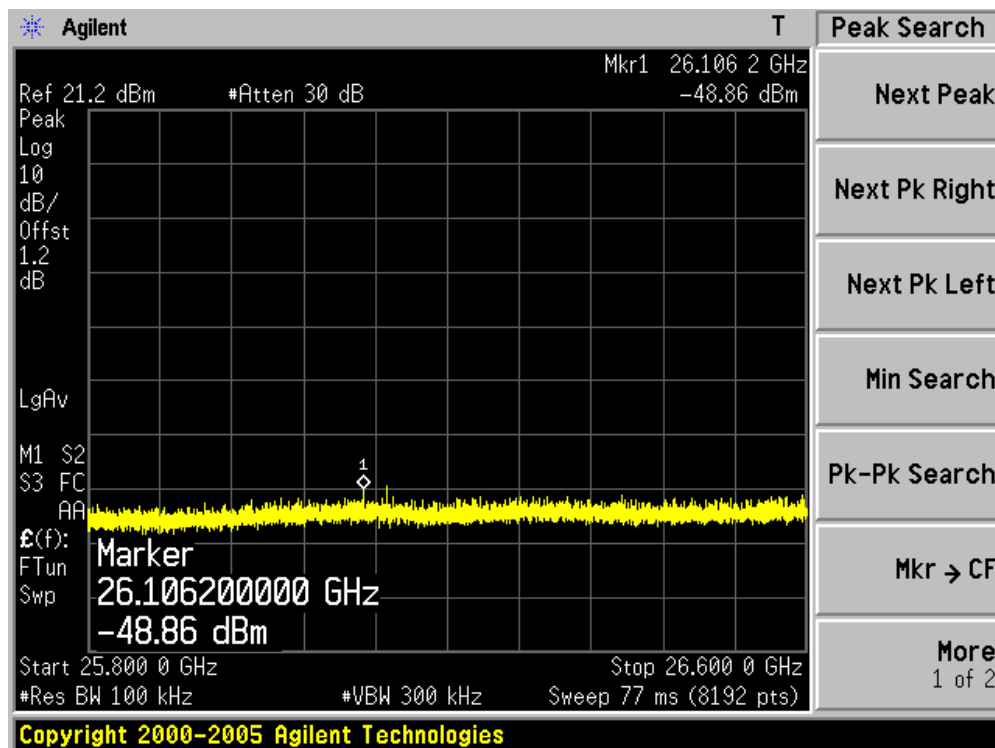
### Channel 165 (5825MHz)



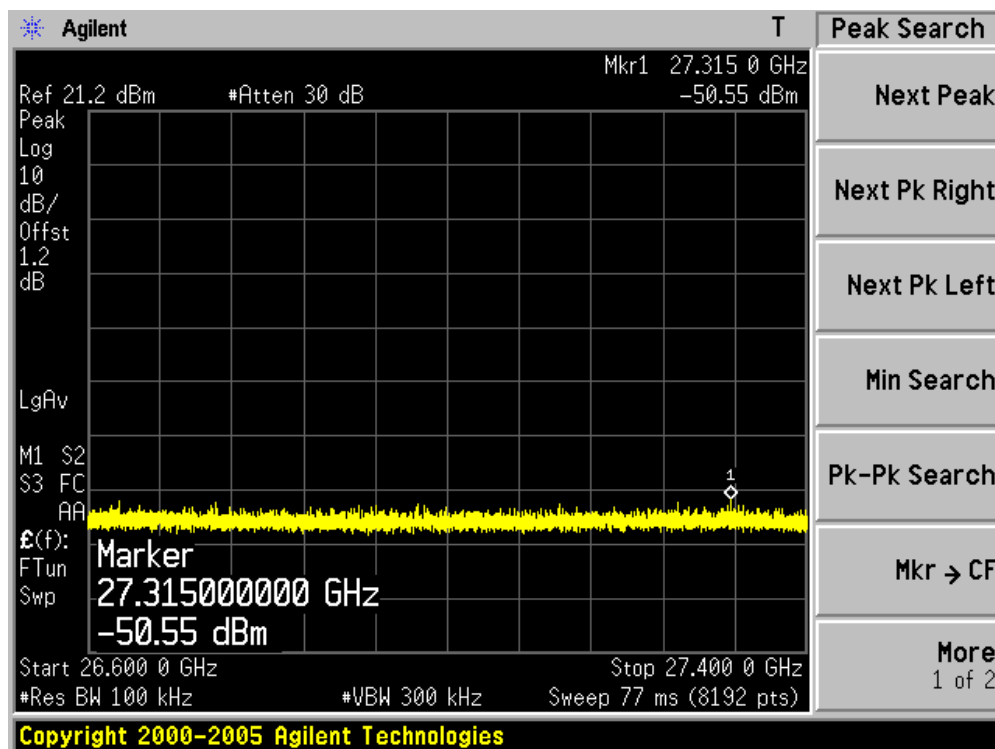
### Channel 149 (5745MHz)-1



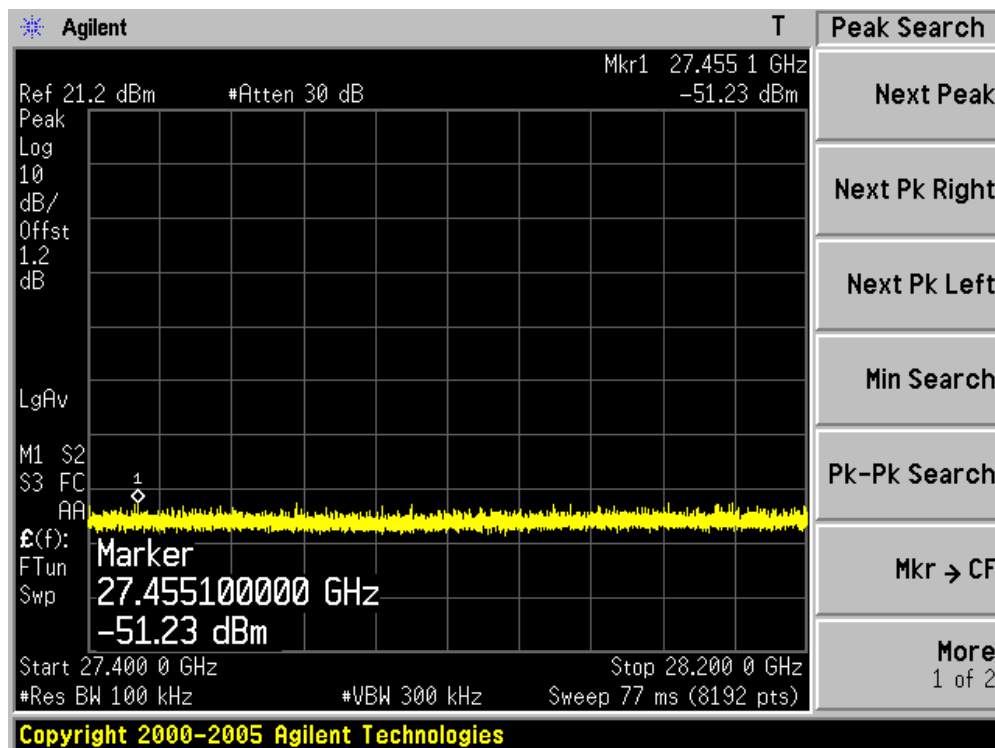
### Channel 149 (5745MHz)-2



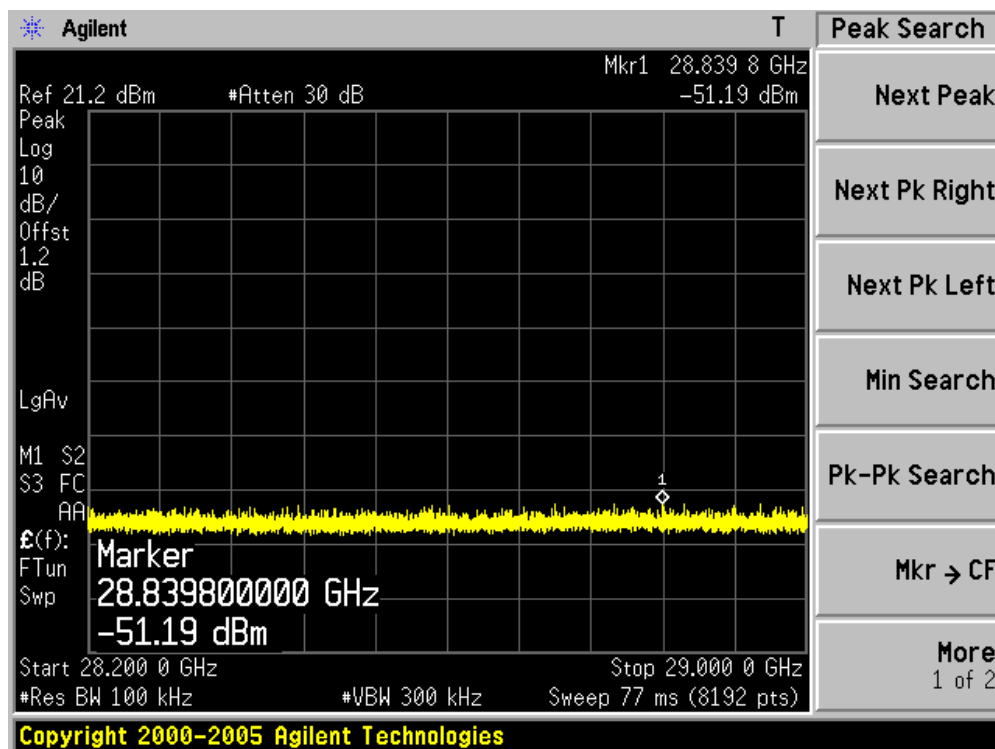
### Channel 149 (5745MHz)-3



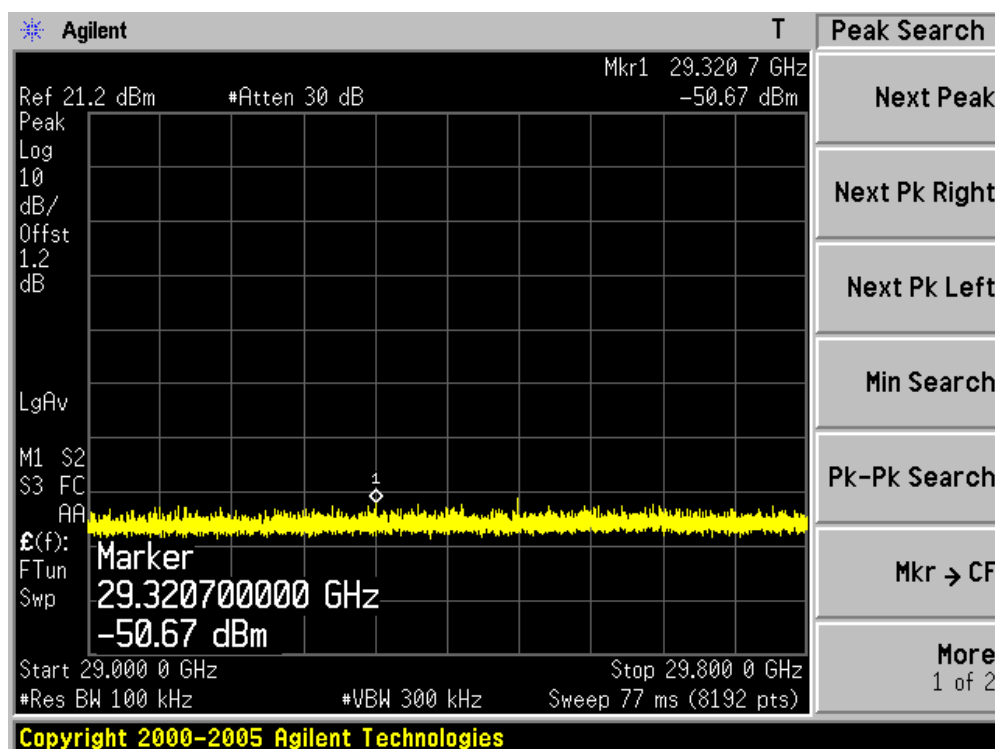
Channel 149 (5745MHz)-4



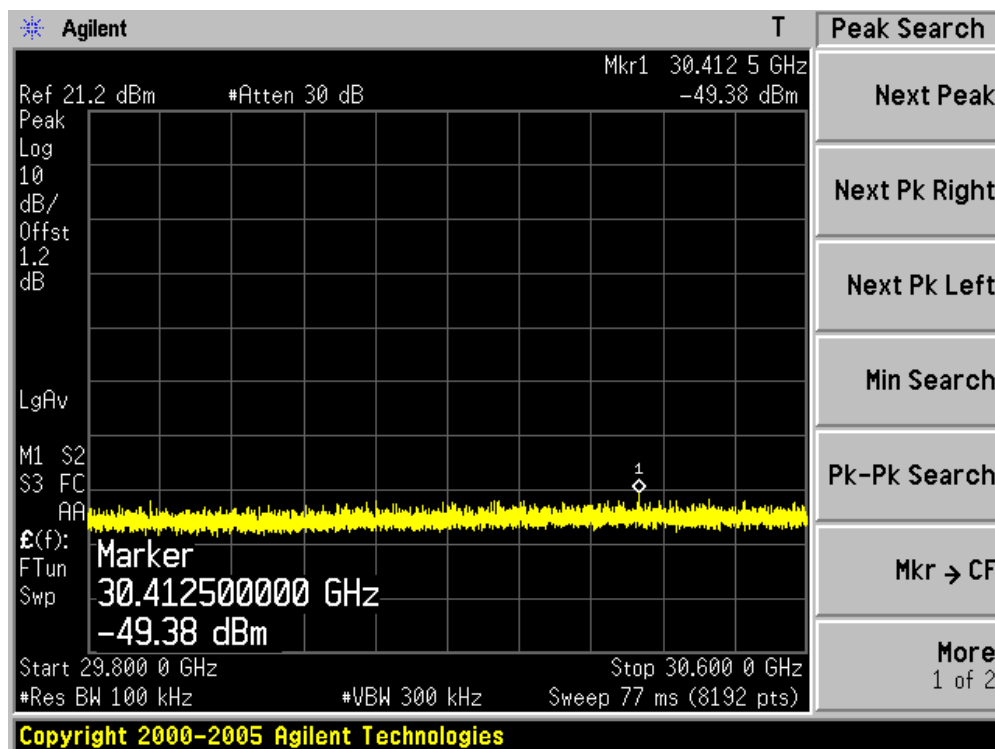
Channel 149 (5745MHz)-5



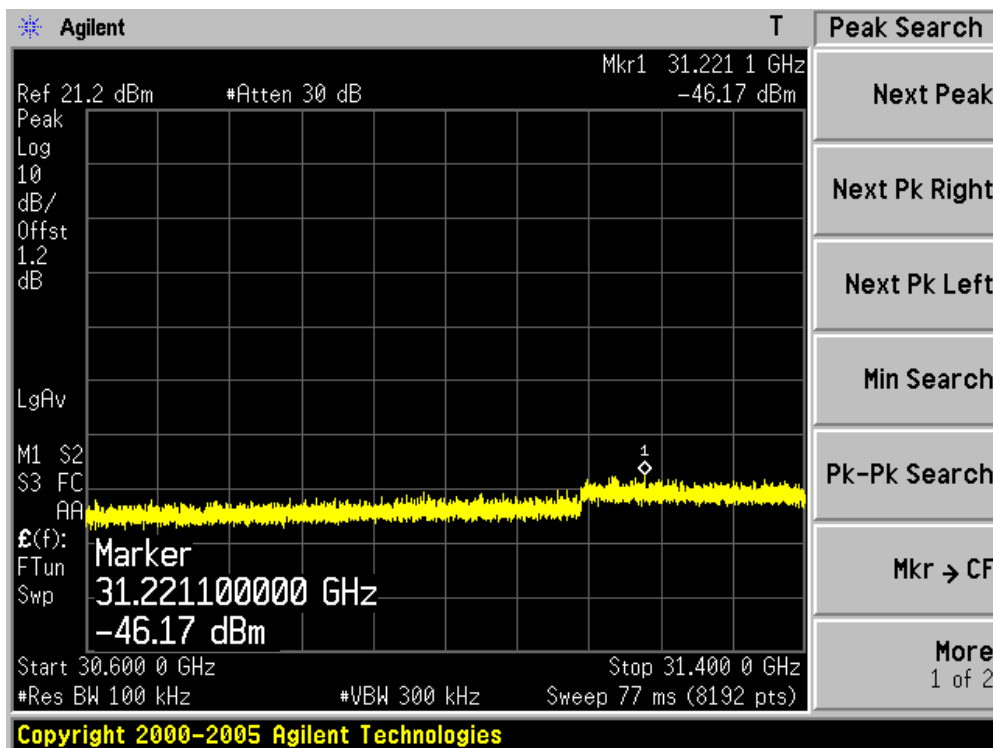
Channel 149 (5745MHz)-6



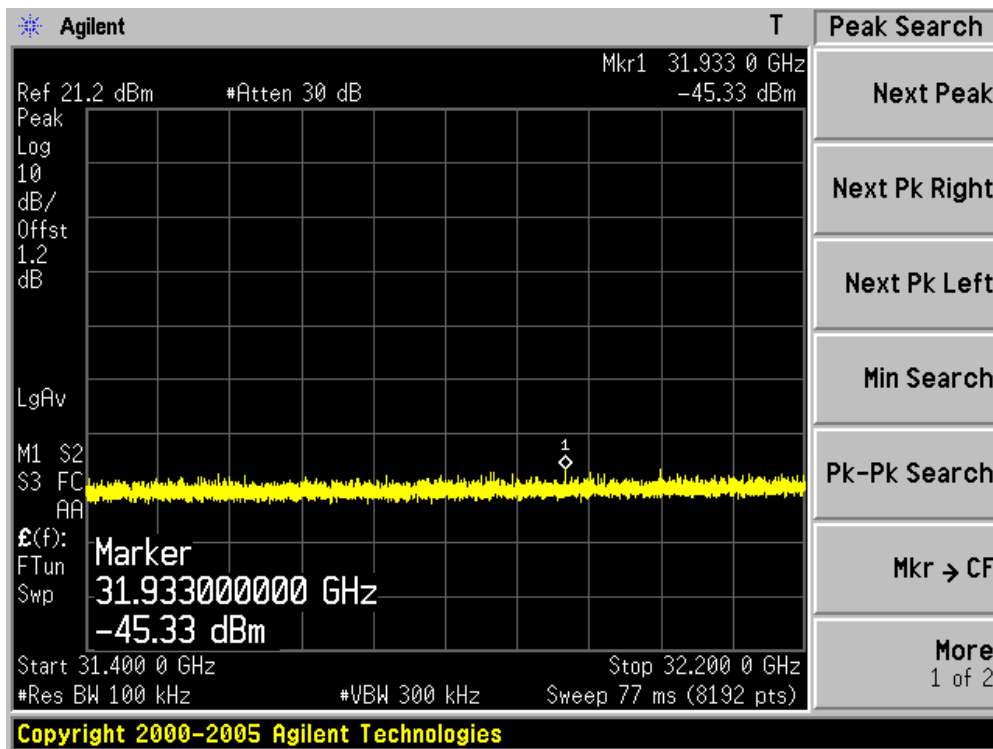
Channel 149 (5745MHz)-7



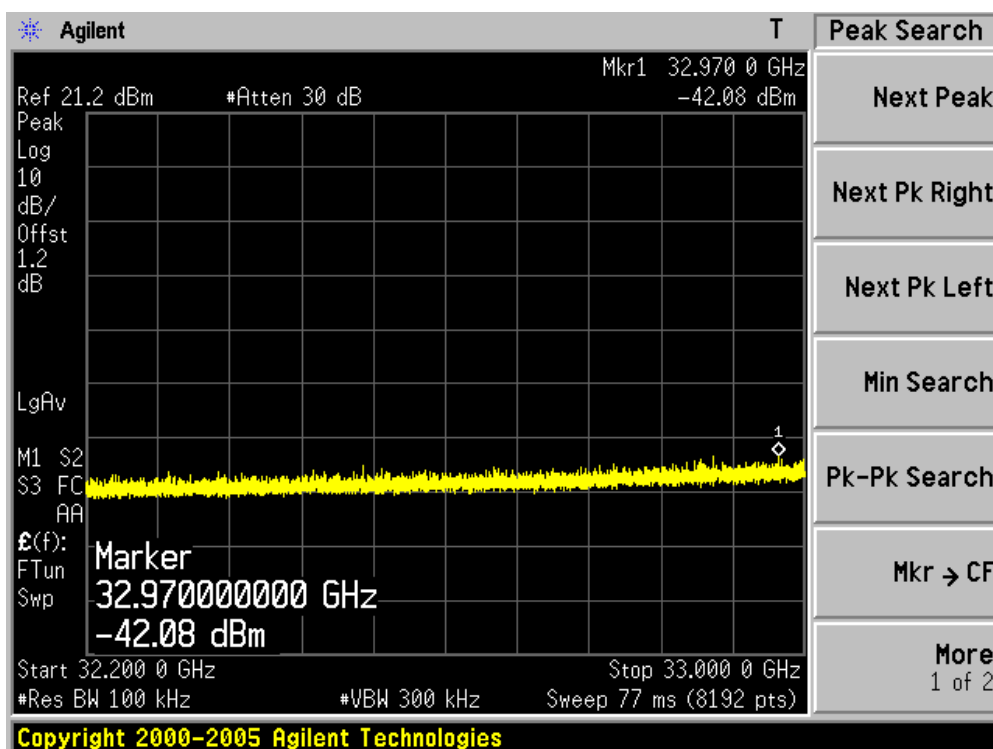
Channel 149 (5745MHz)-8



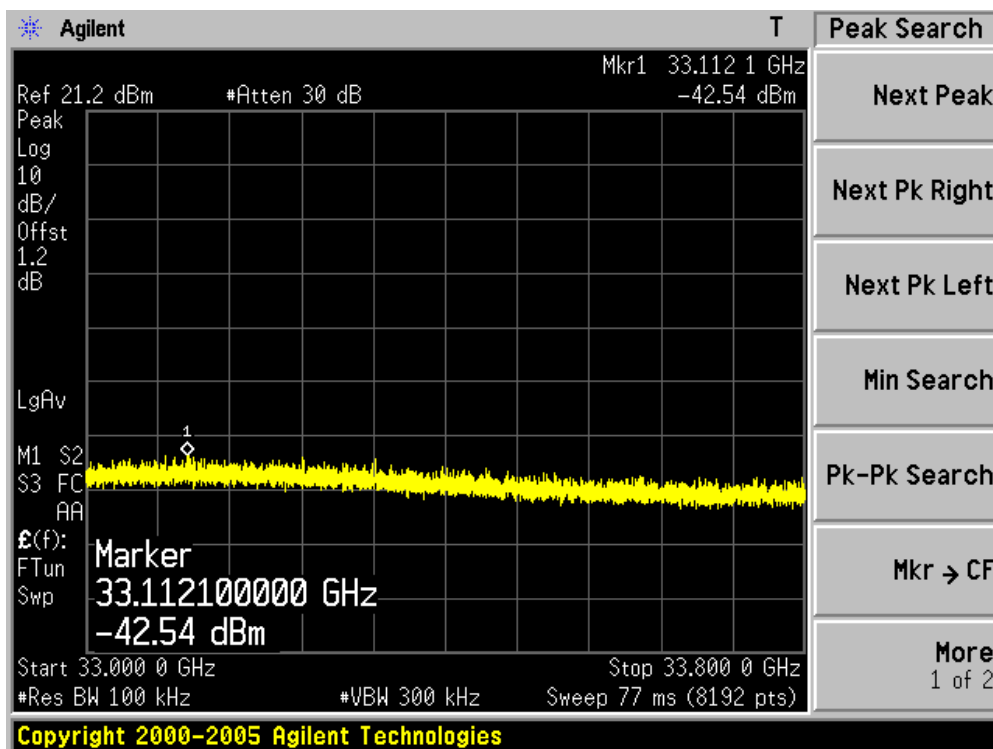
Channel 149 (5745MHz)-9



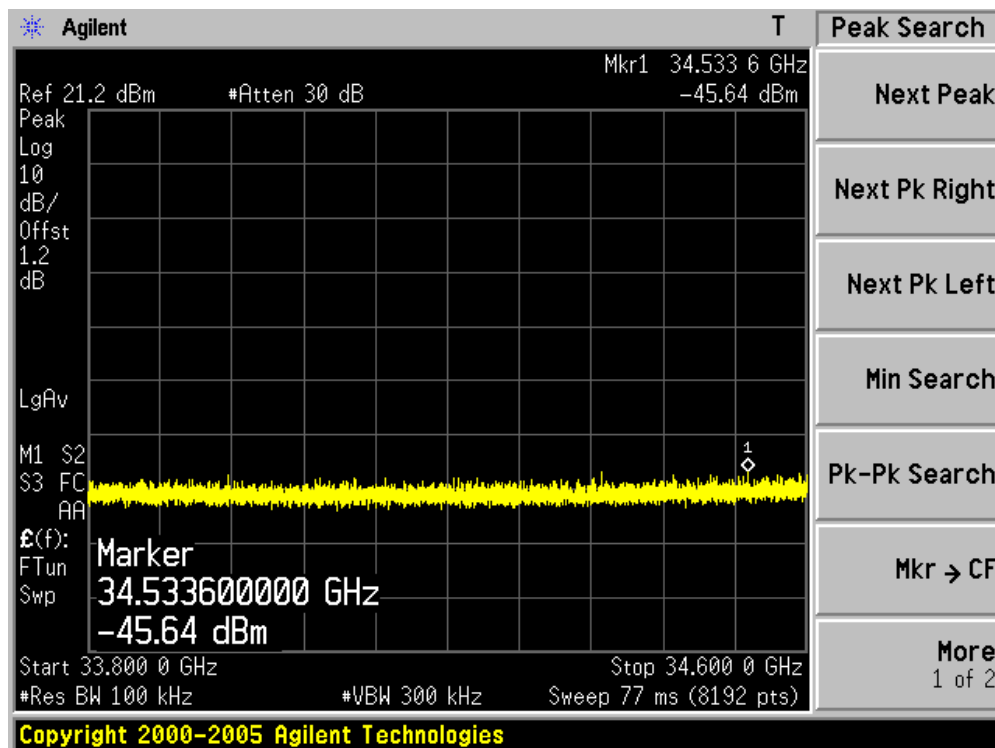
### Channel 149 (5745MHz)-10



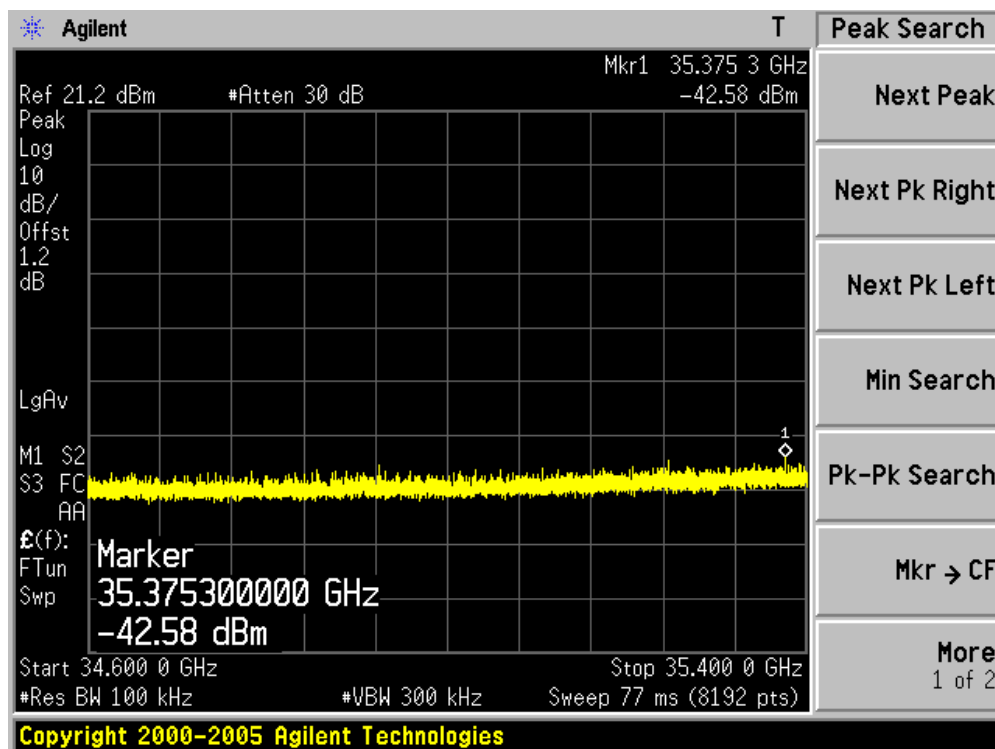
### Channel 149 (5745MHz)-11



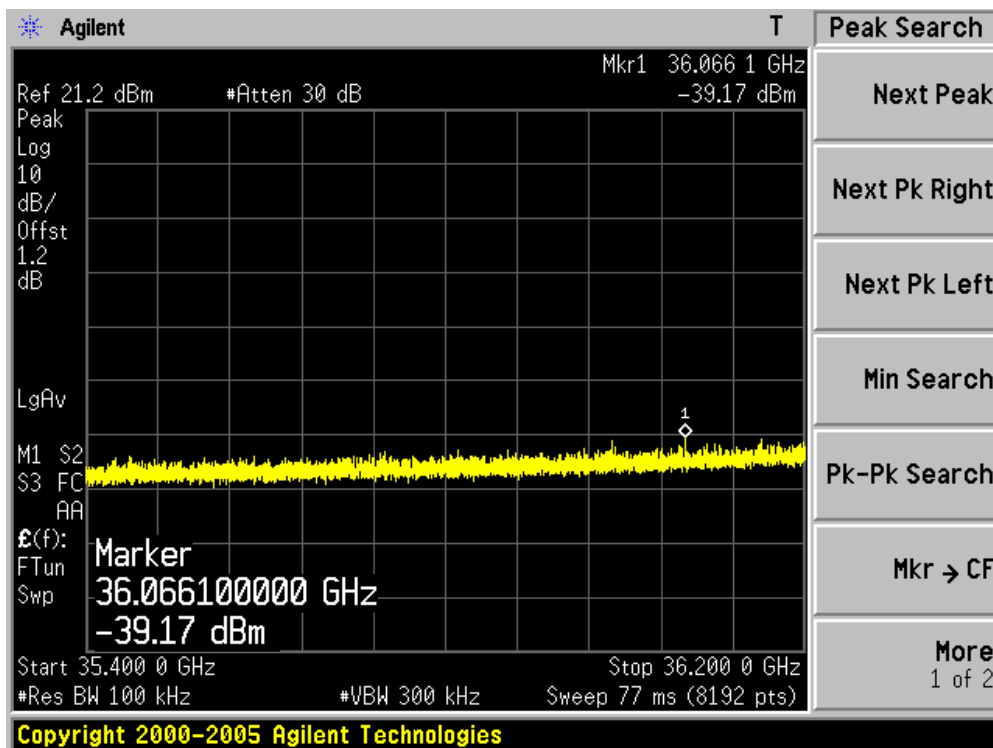
### Channel 149 (5745MHz)-12



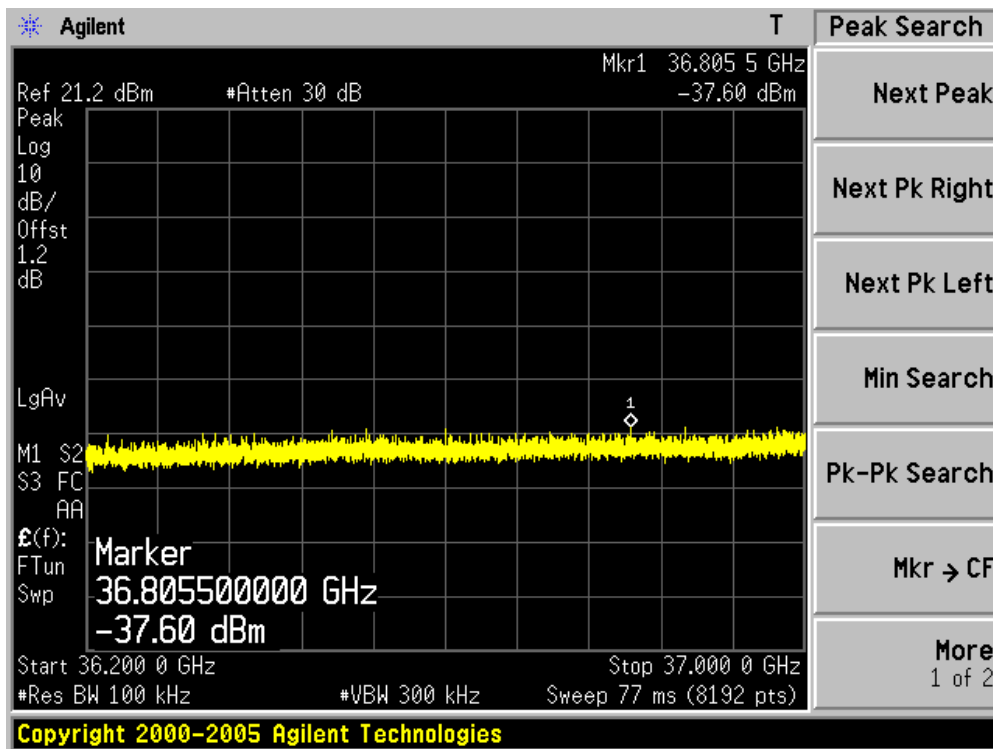
### Channel 149 (5745MHz)-13



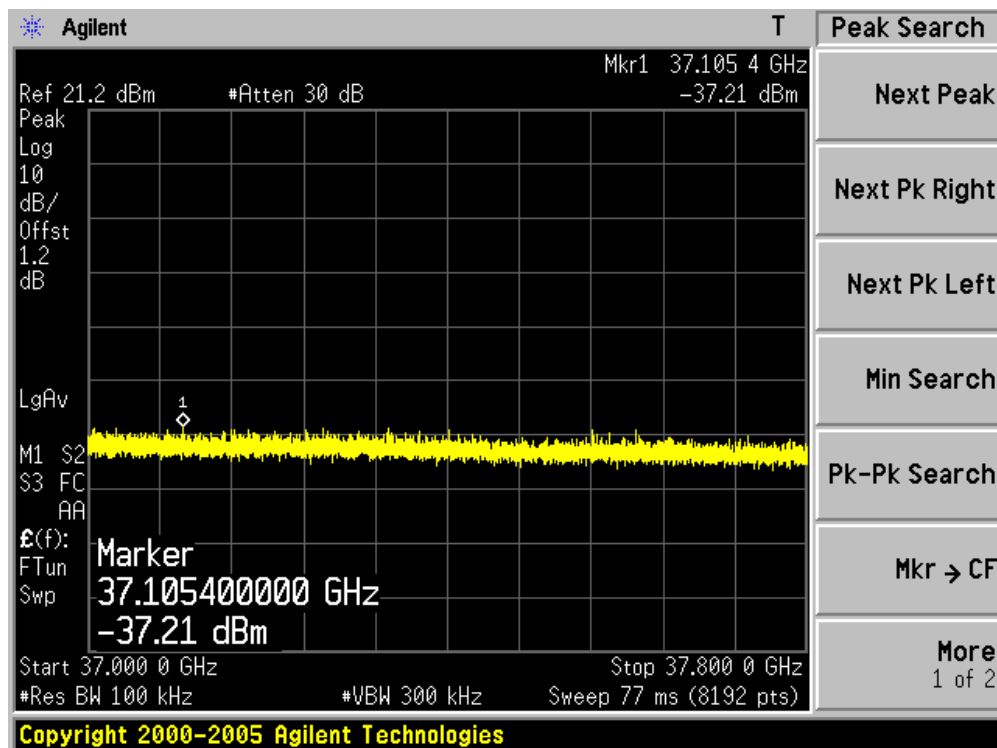
Channel 149 (5745MHz)-14



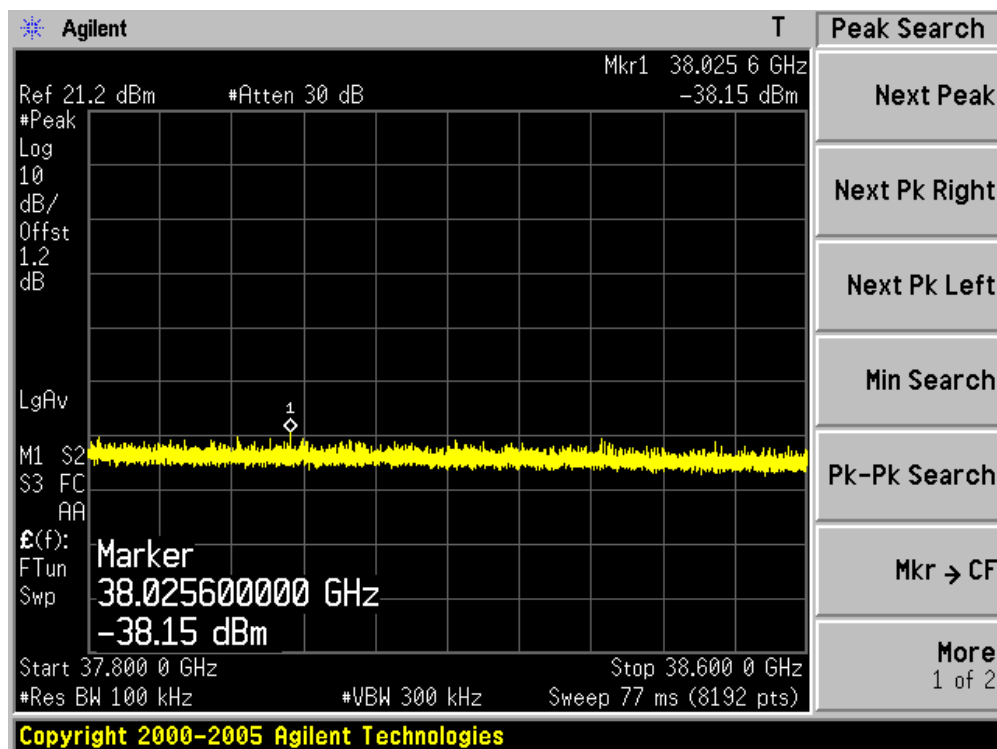
Channel 149 (5745MHz)-15



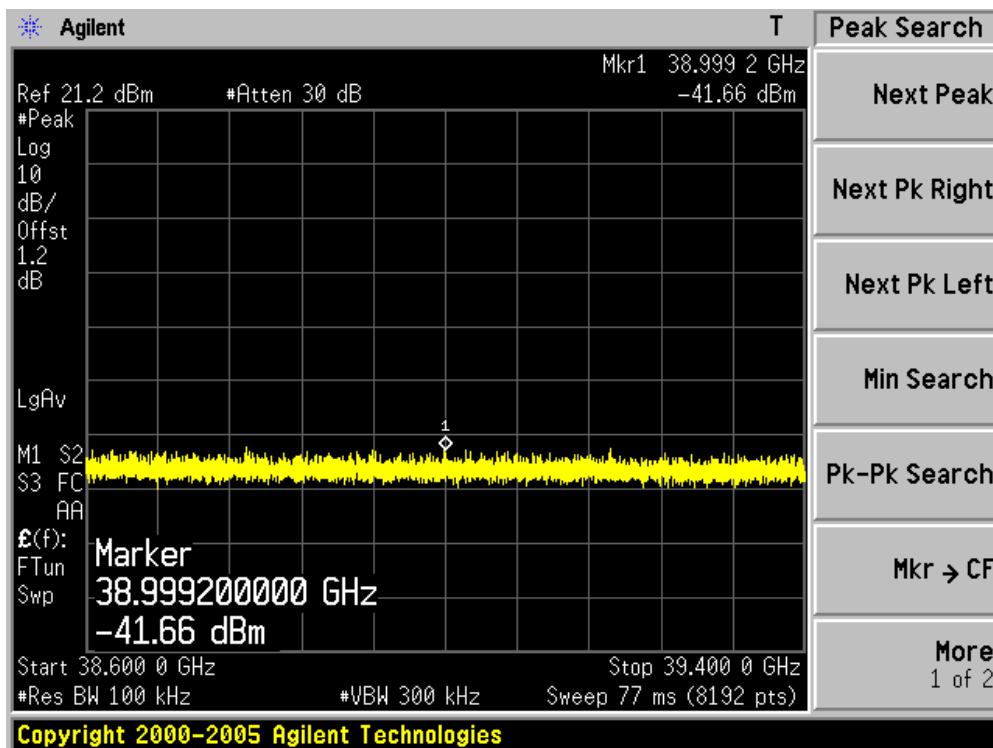
Channel 149 (5745MHz)-16



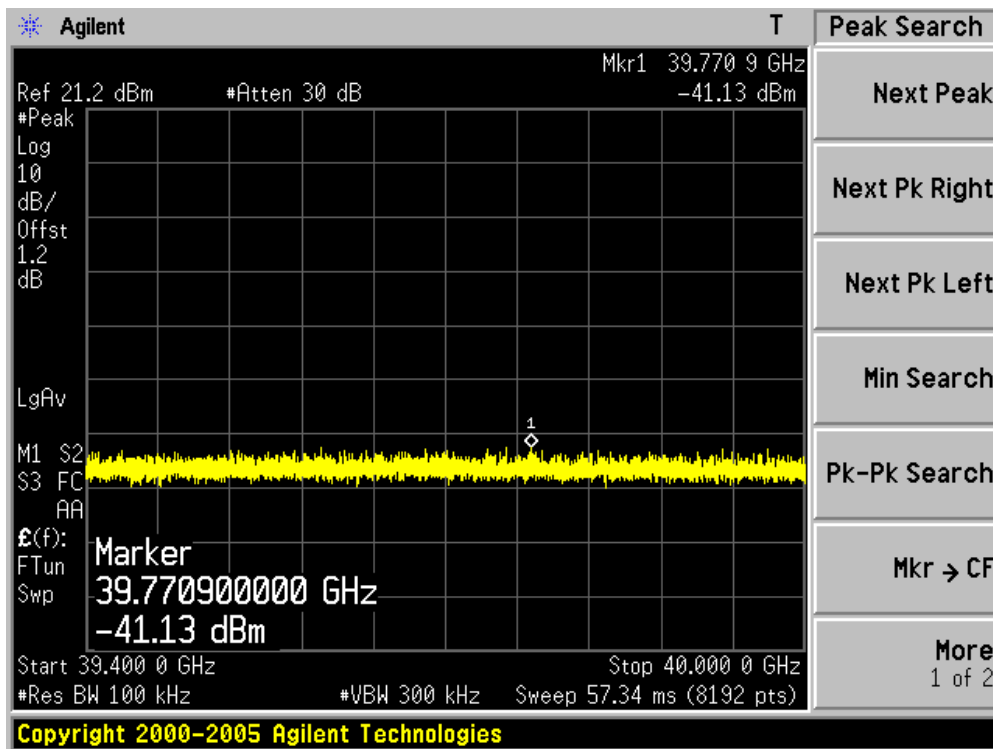
Channel 149 (5745MHz)-17



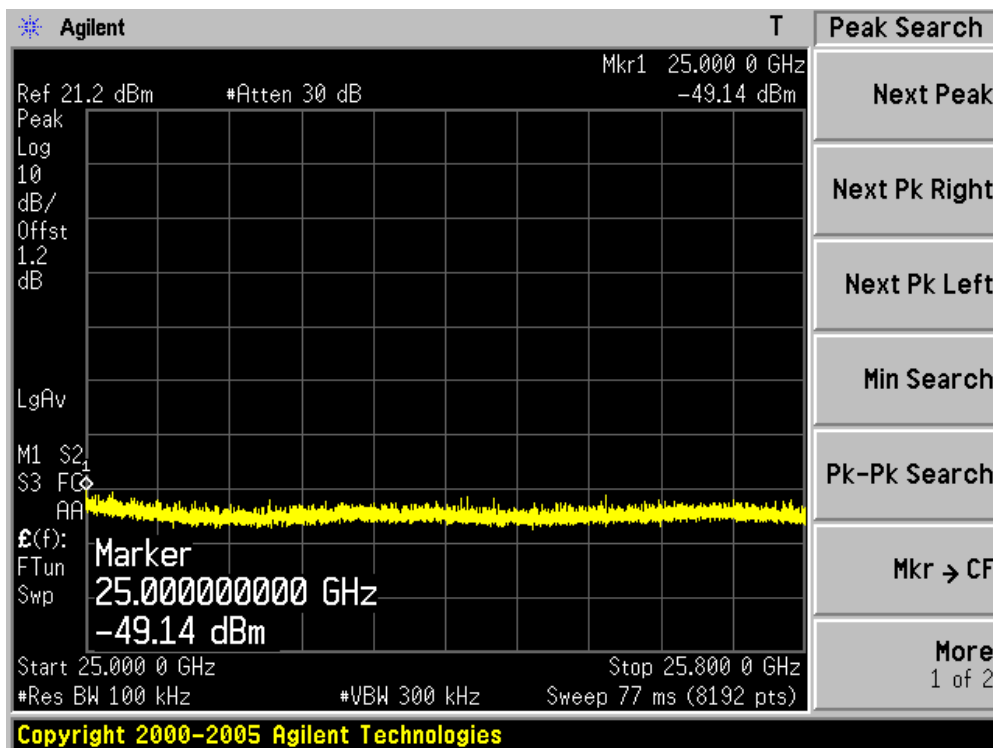
Channel 149 (5745MHz)-18



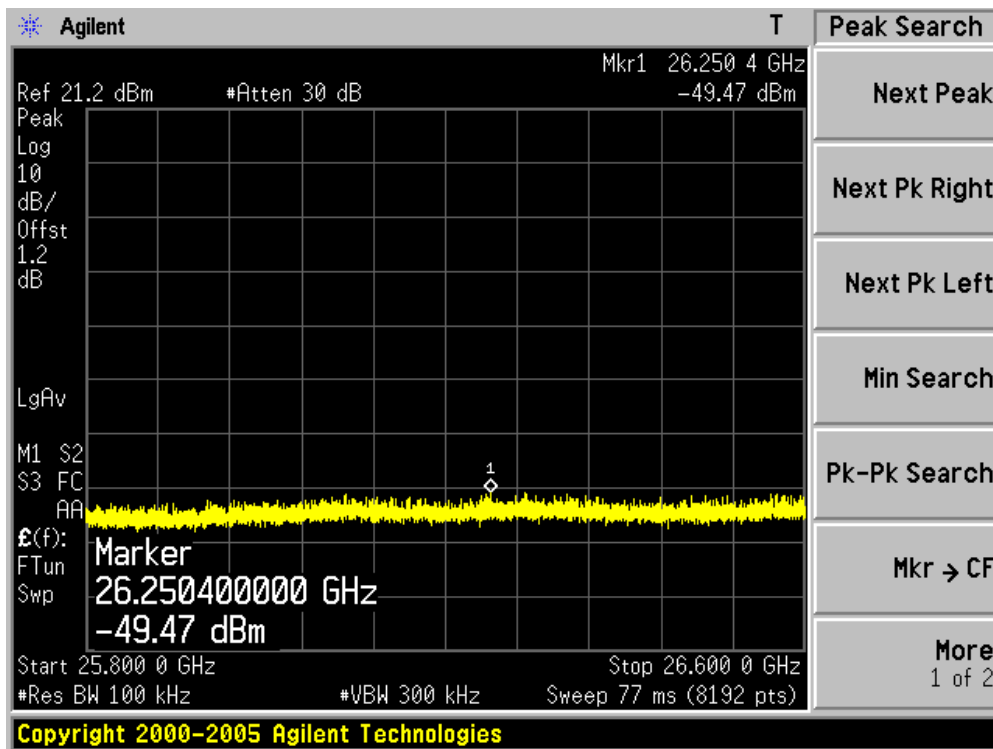
Channel 149 (5745MHz)-19



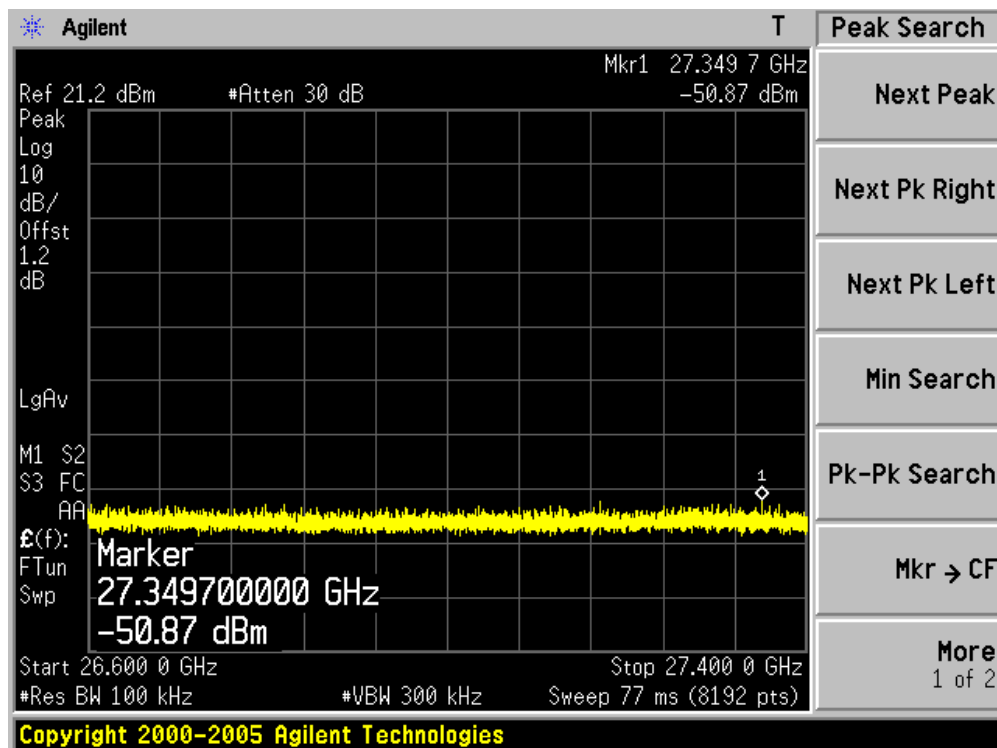
### Channel 157 (5785MHz)-1



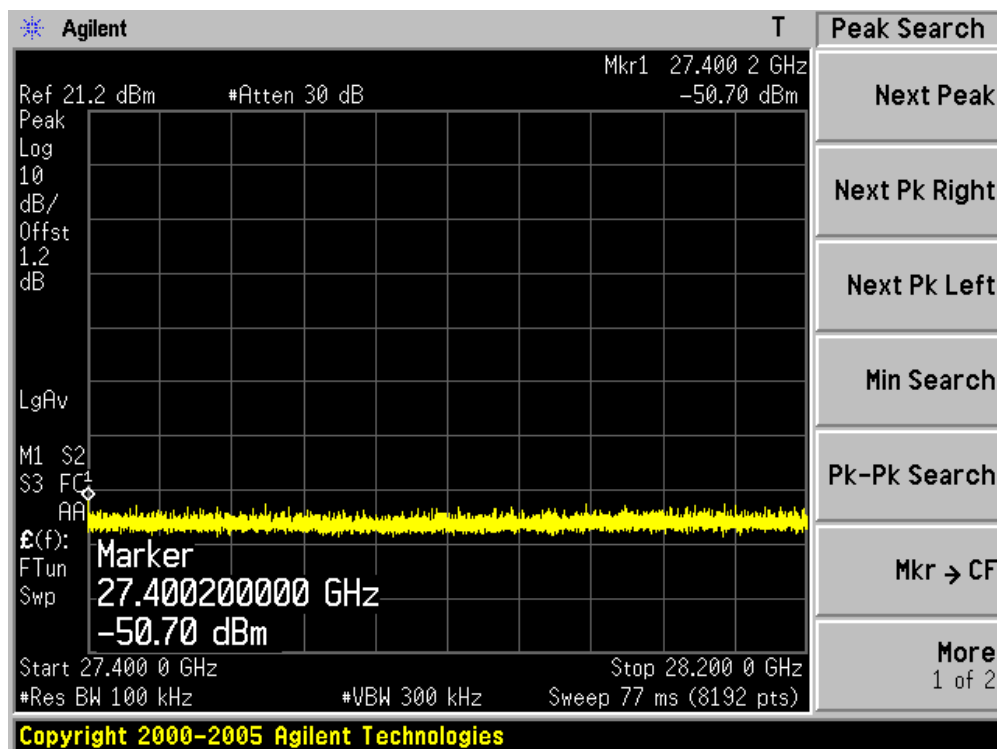
### Channel 157 (5785MHz)-2



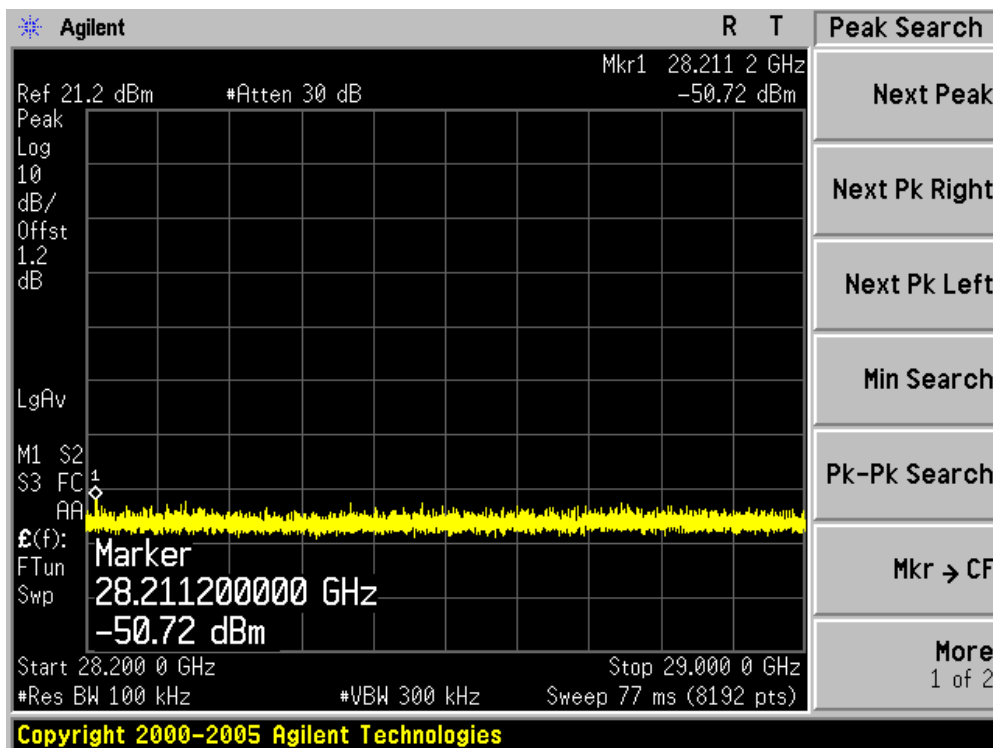
### Channel 157 (5785MHz)-3



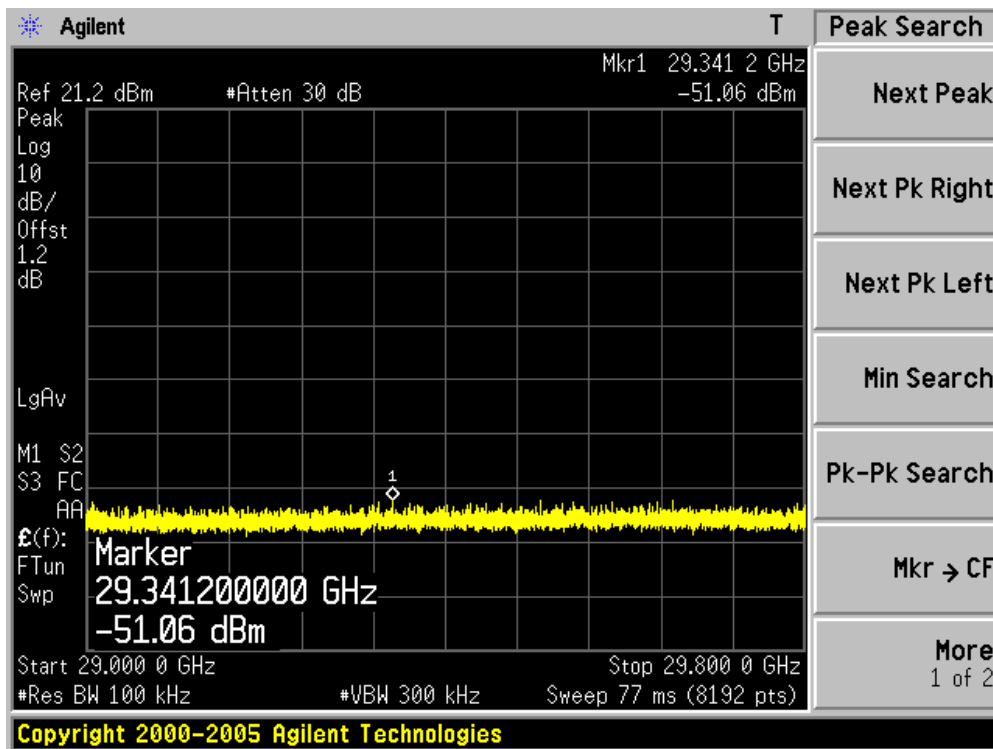
### Channel 157 (5785MHz)-4



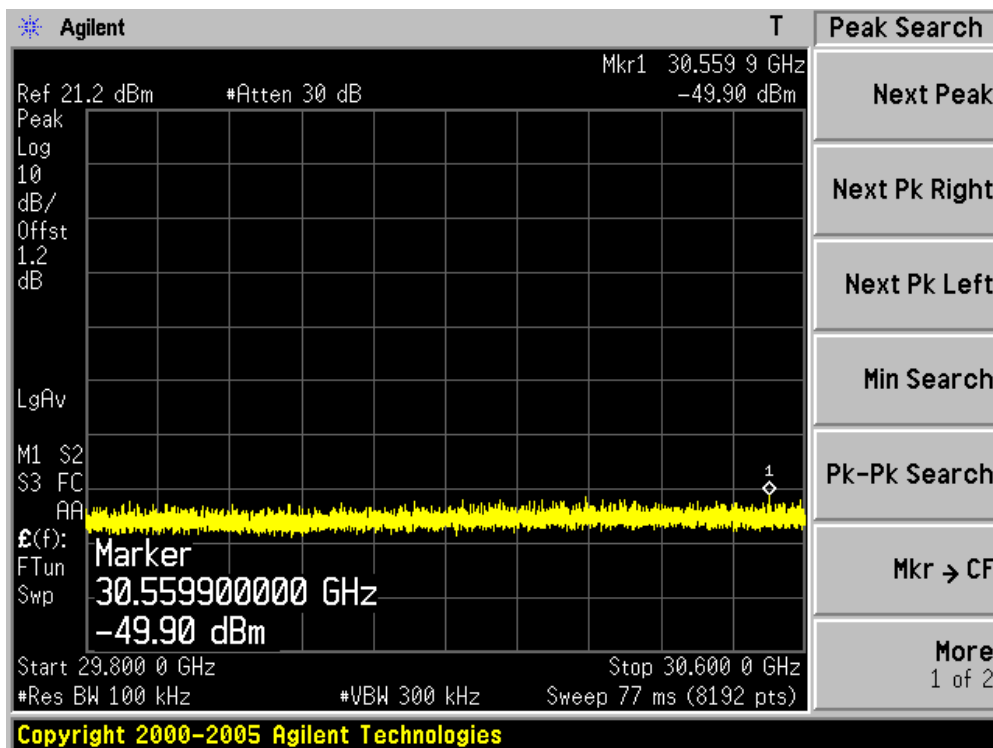
Channel 157 (5785MHz)-5



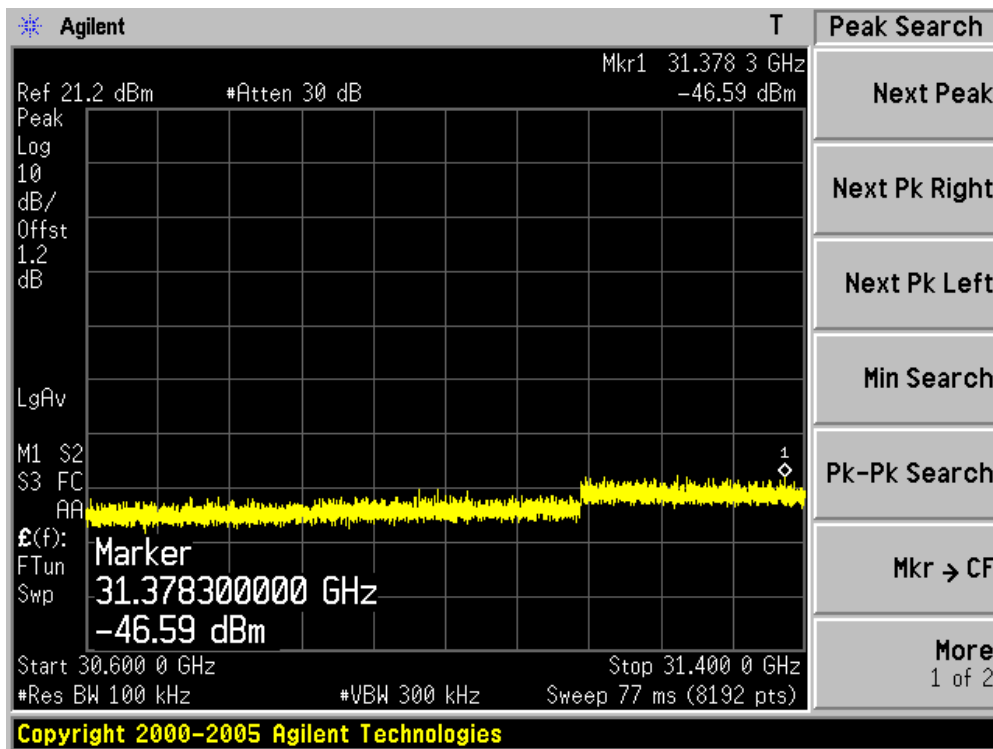
Channel 157 (5785MHz)-6



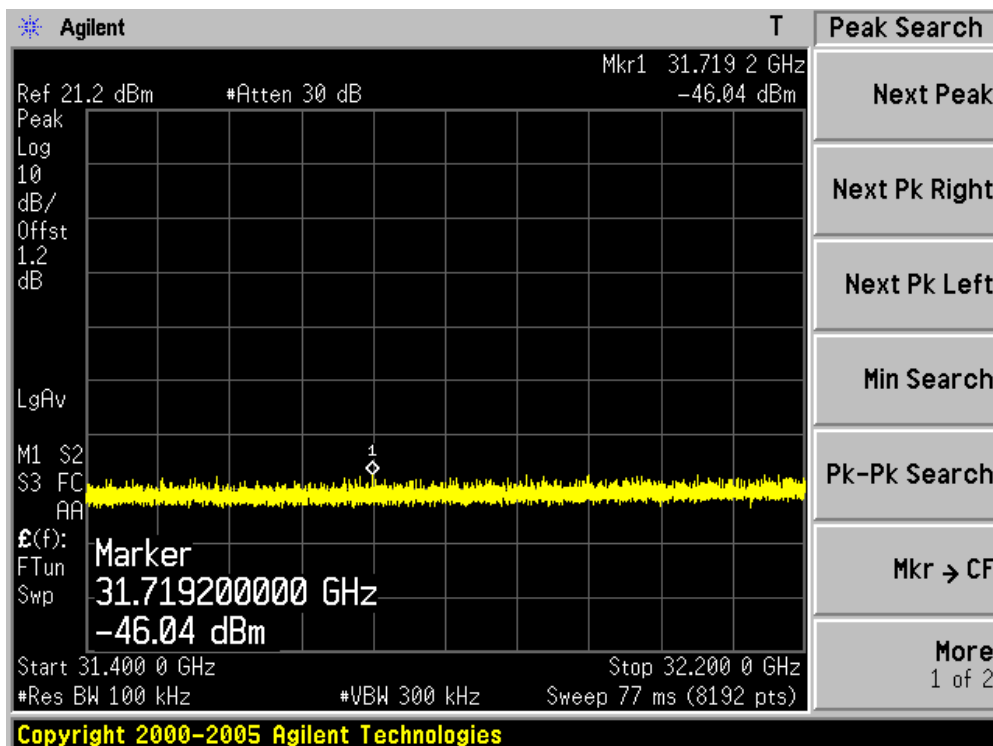
Channel 157 (5785MHz)-7



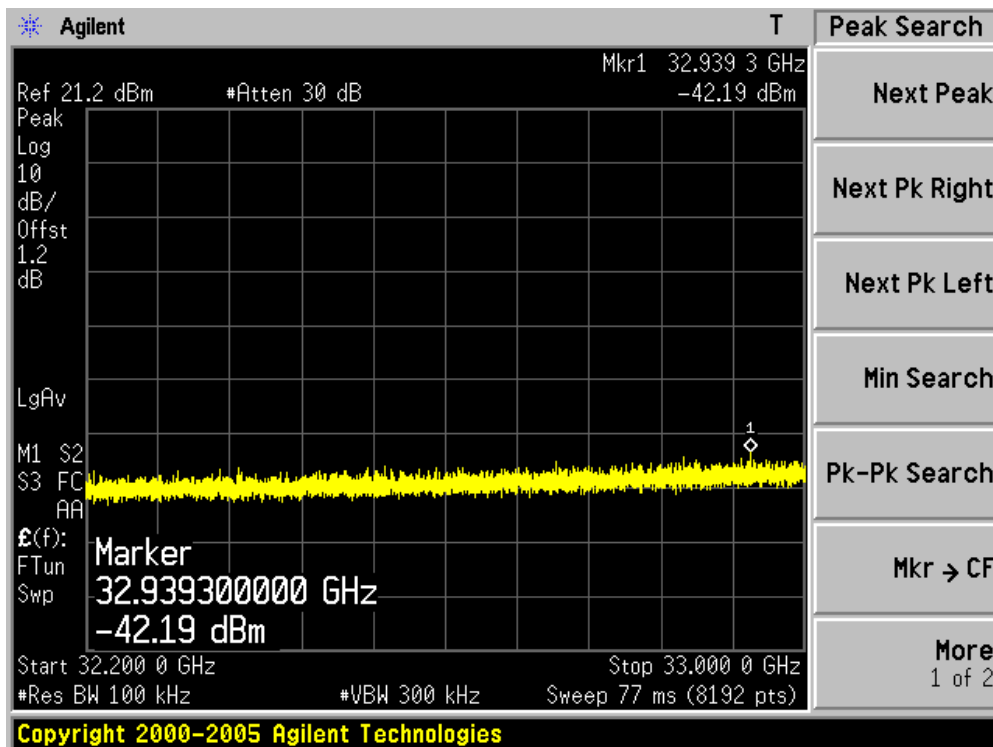
Channel 157 (5785MHz)-8



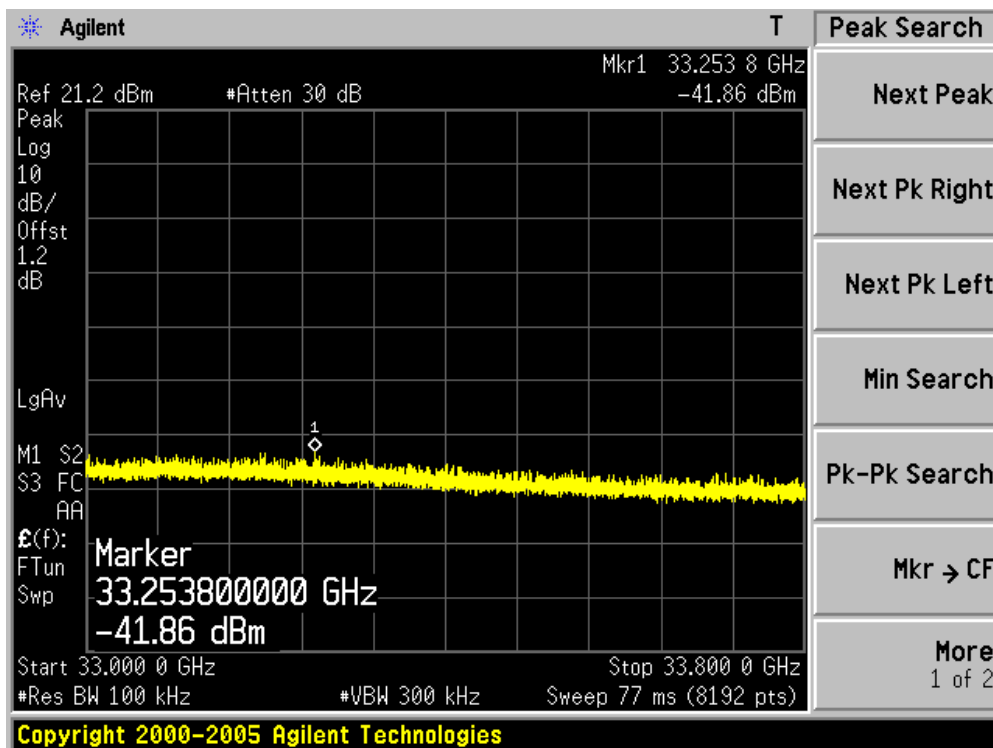
Channel 157 (5785MHz)-9



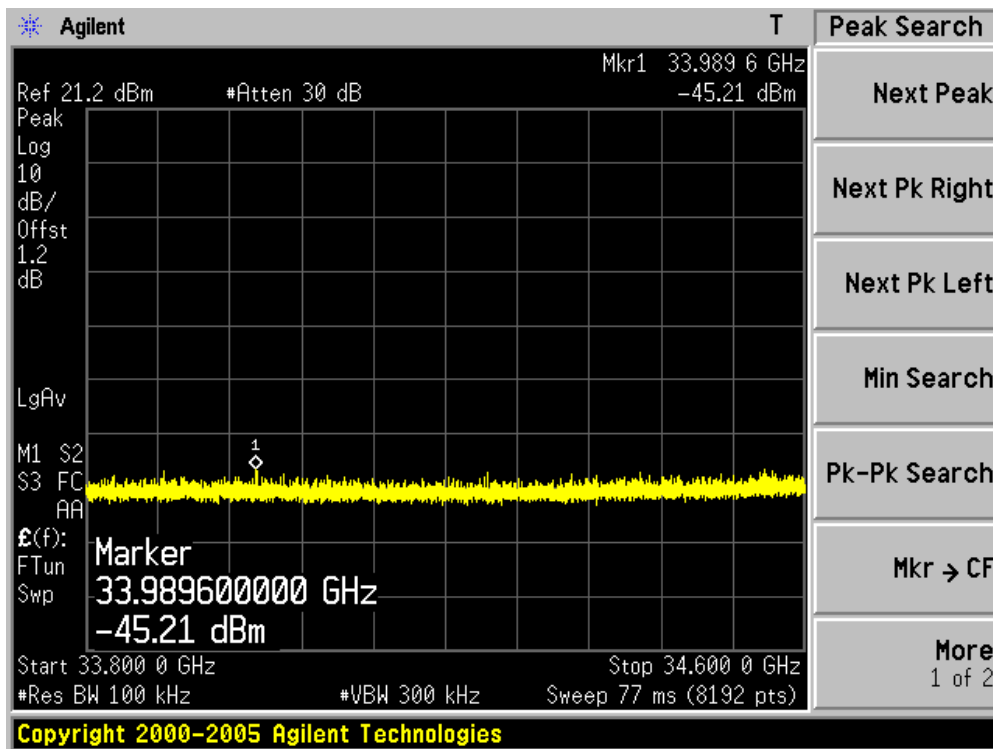
Channel 157 (5785MHz)-10



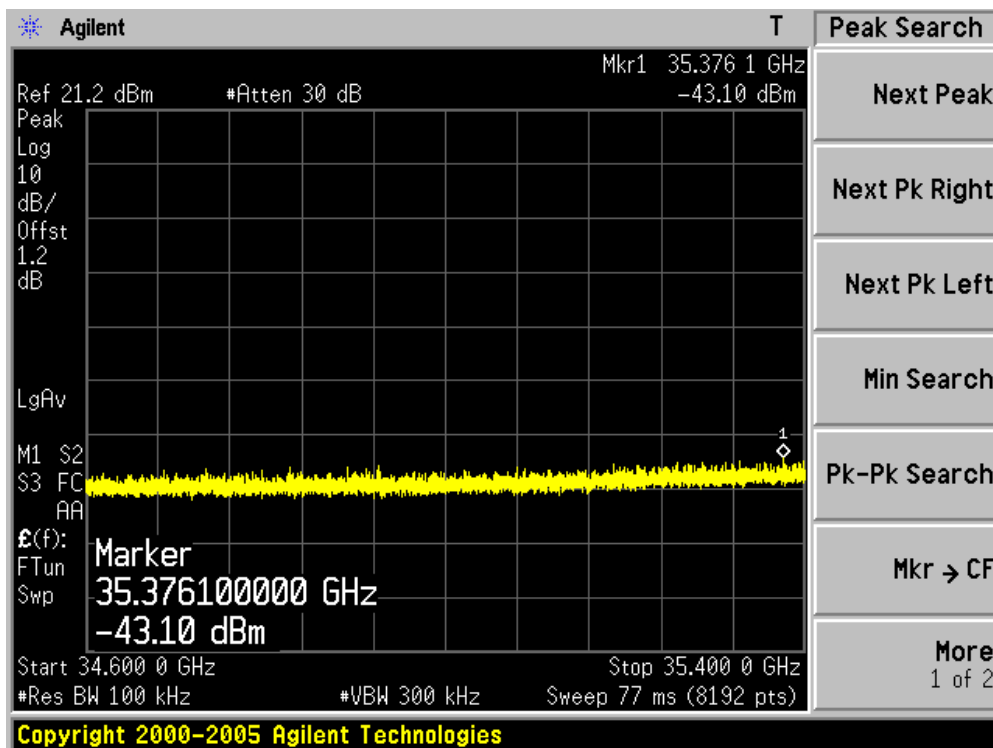
Channel 157 (5785MHz)-11



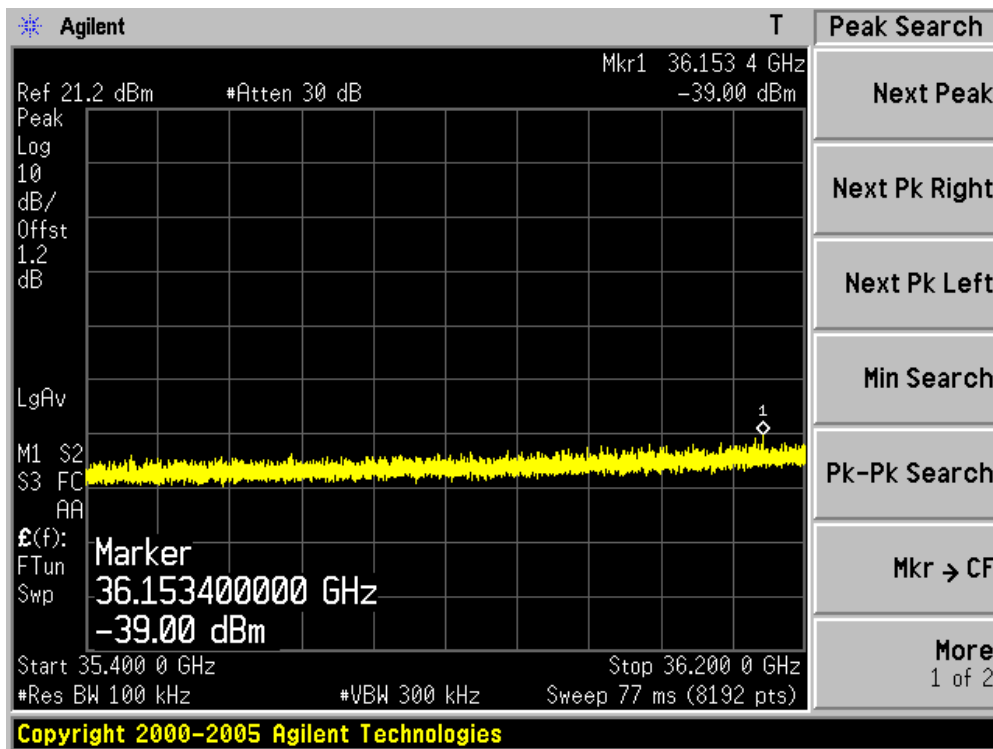
Channel 157 (5785MHz)-12



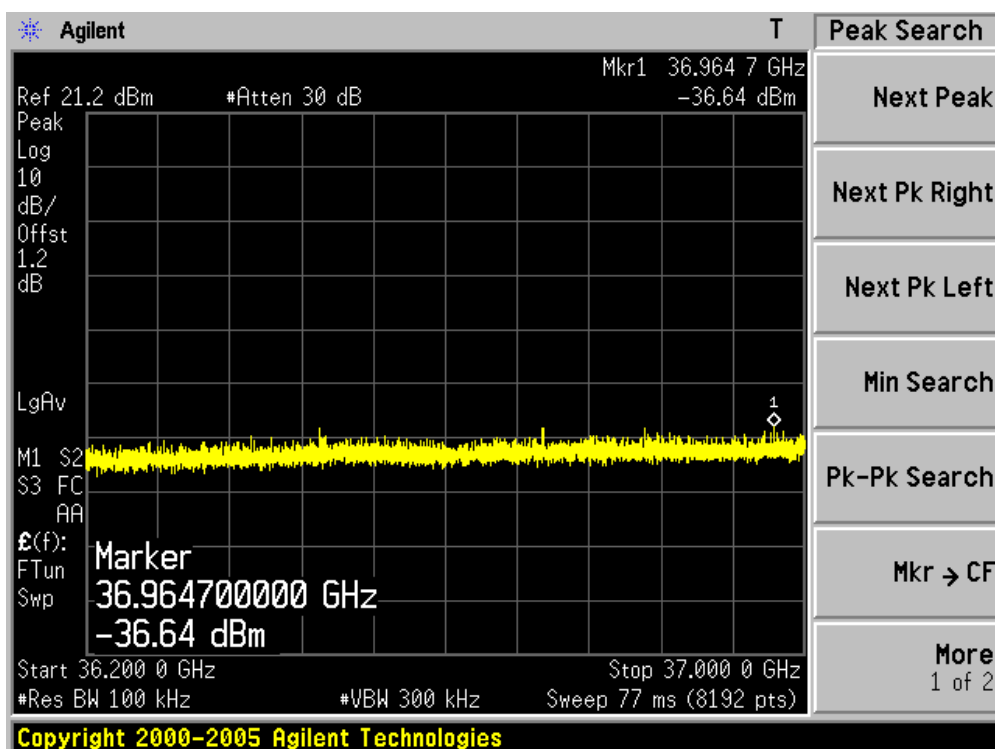
Channel 157 (5785MHz)-13



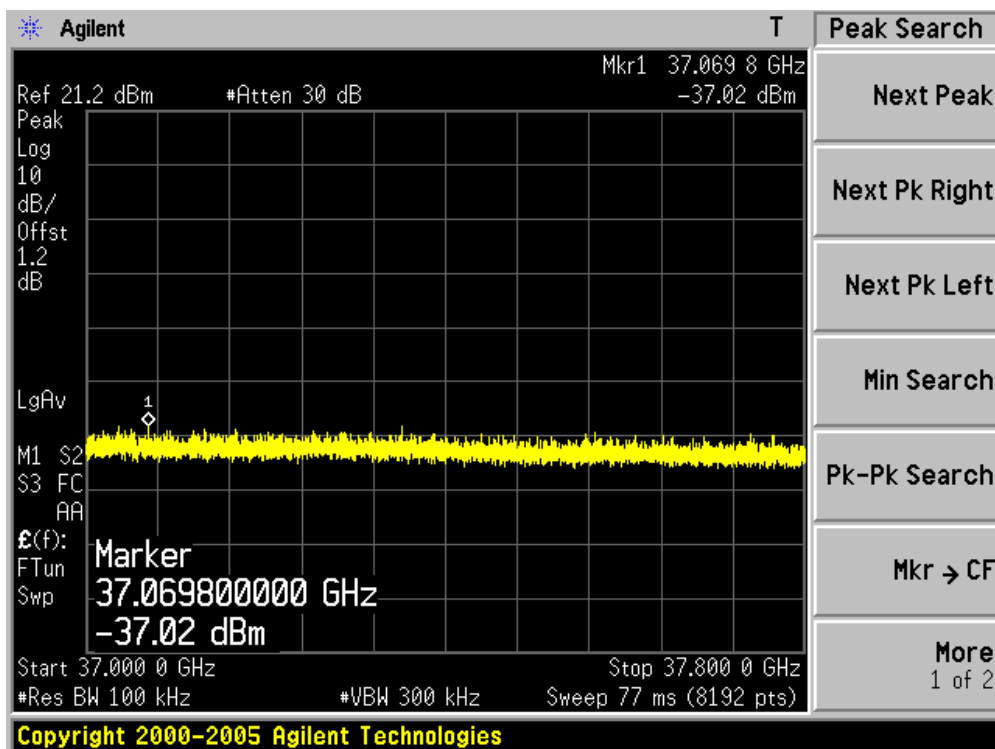
Channel 157 (5785MHz)-14



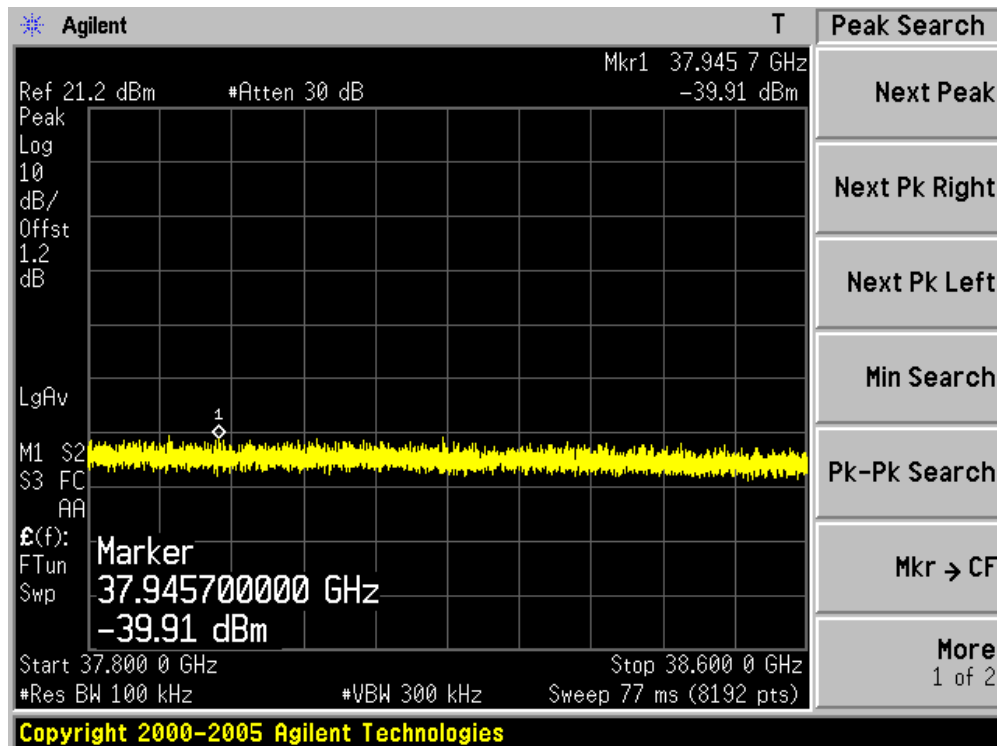
### Channel 157 (5785MHz)-15



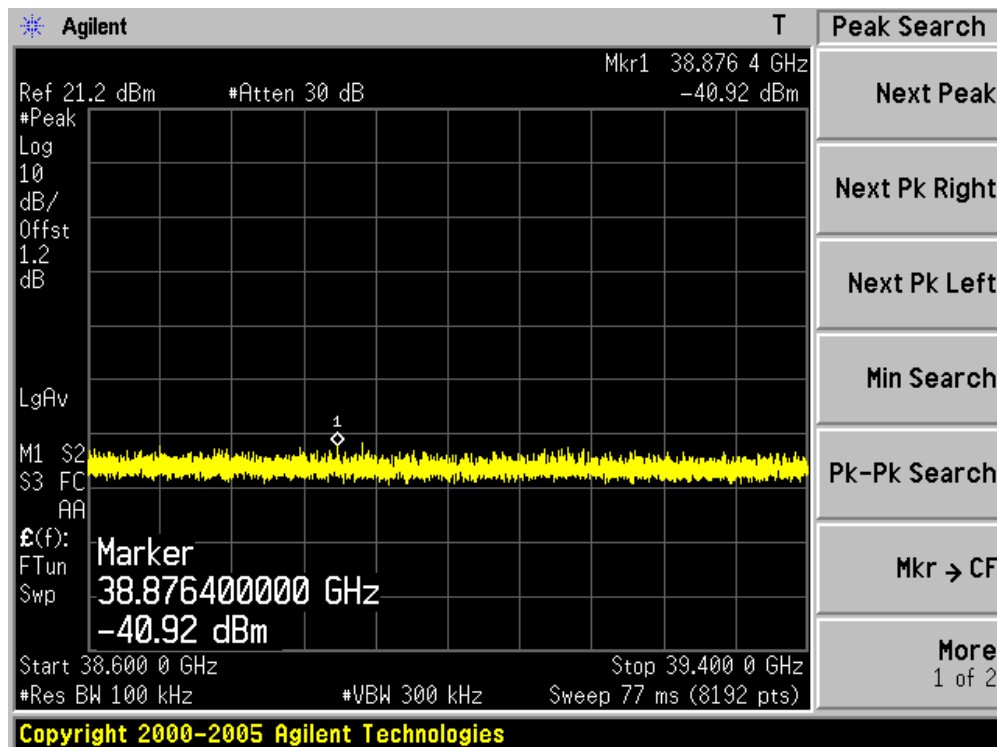
### Channel 157 (5785MHz)-16



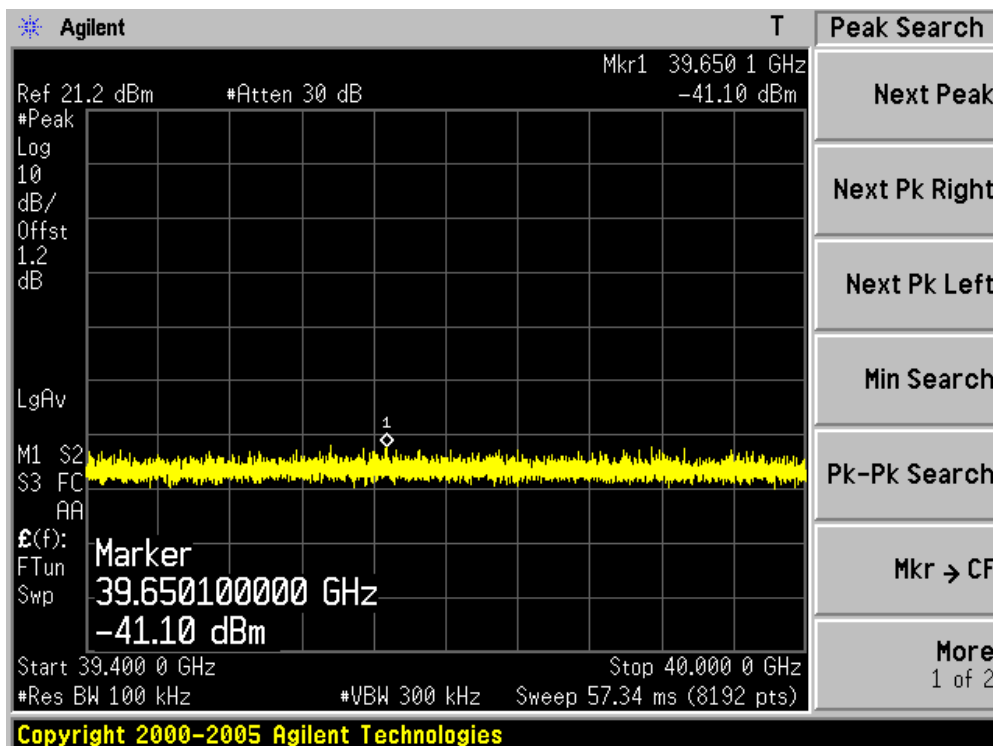
### Channel 157 (5785MHz)-17



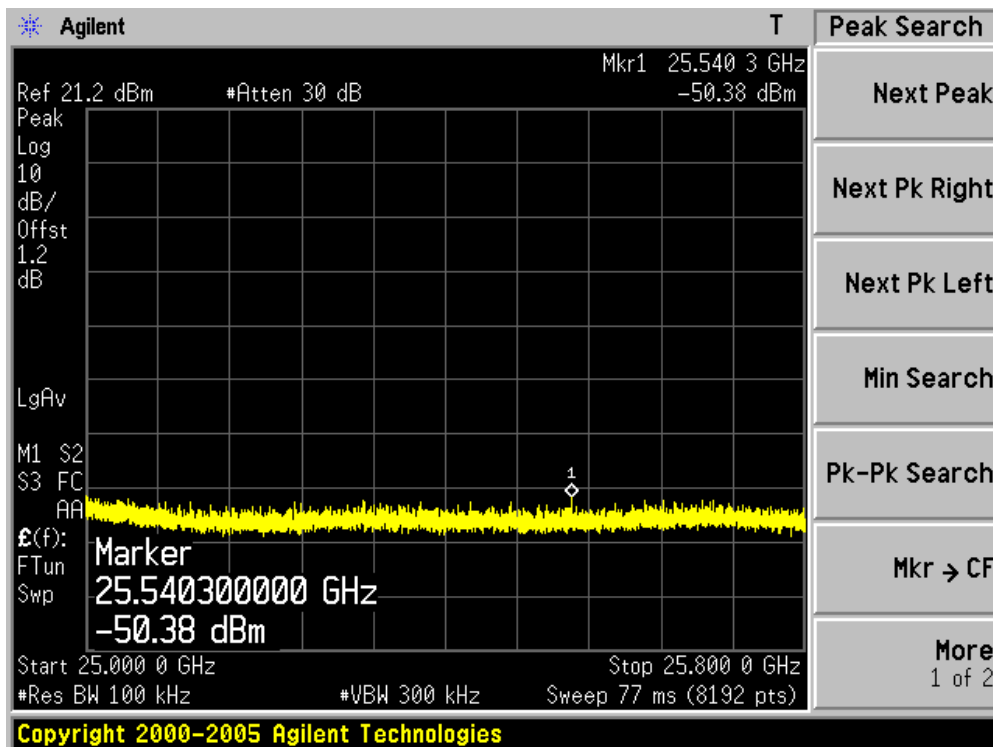
### Channel 157 (5785MHz)-18



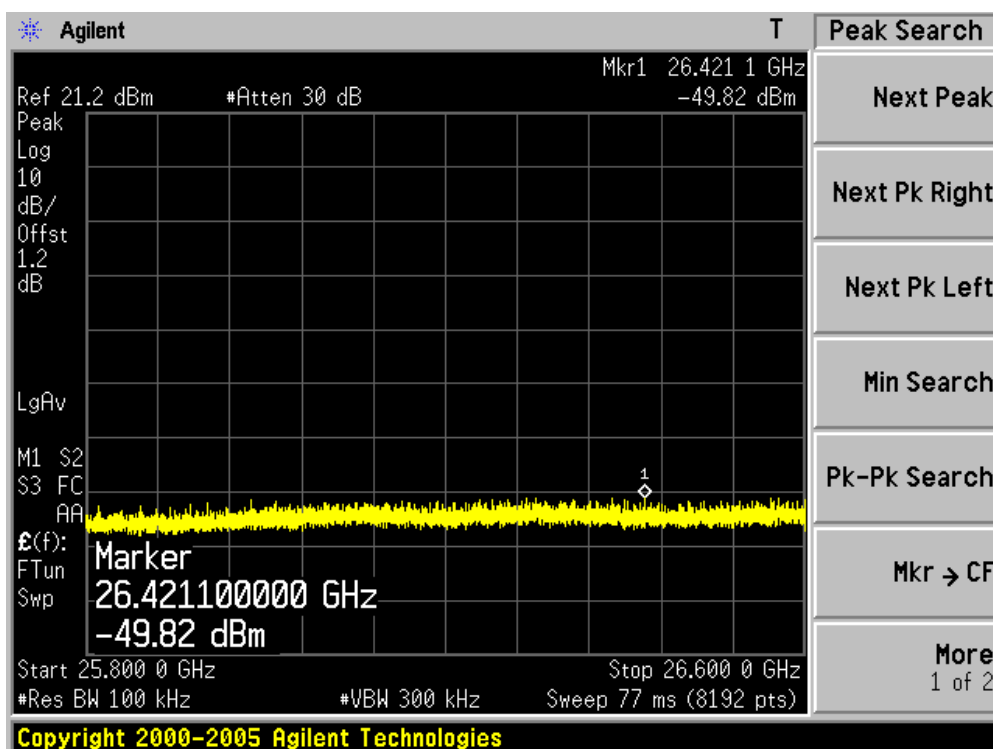
### Channel 157 (5785MHz)-19



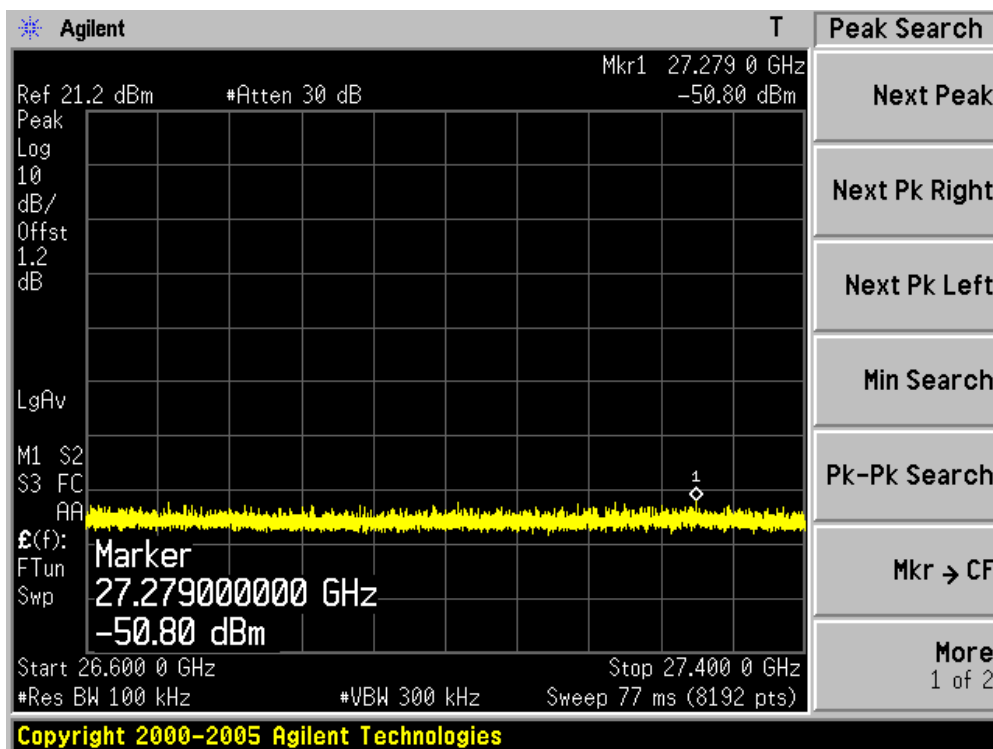
### Channel 165 (5825MHz)-1



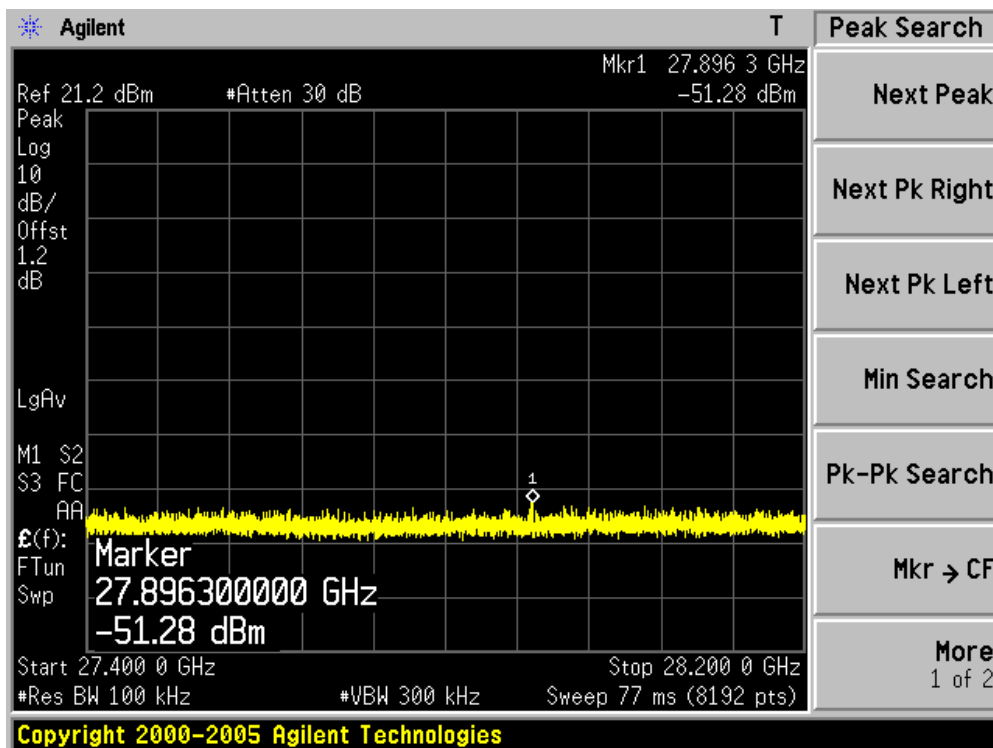
### Channel 165 (5825MHz)-2



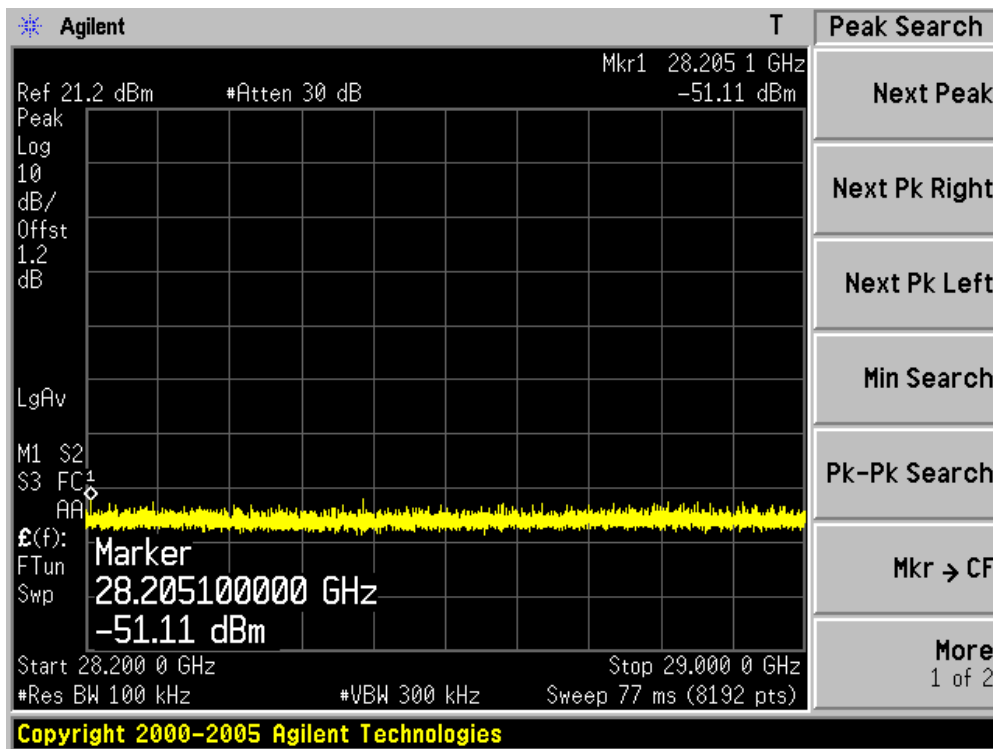
### Channel 165 (5825MHz)-3



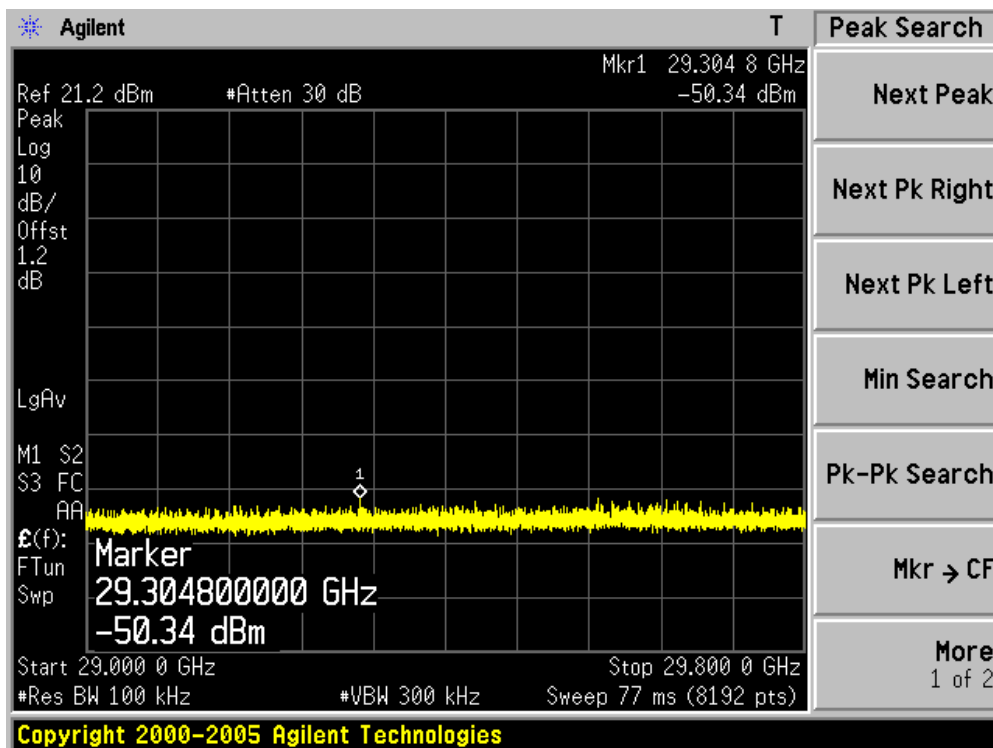
Channel 165 (5825MHz)-4



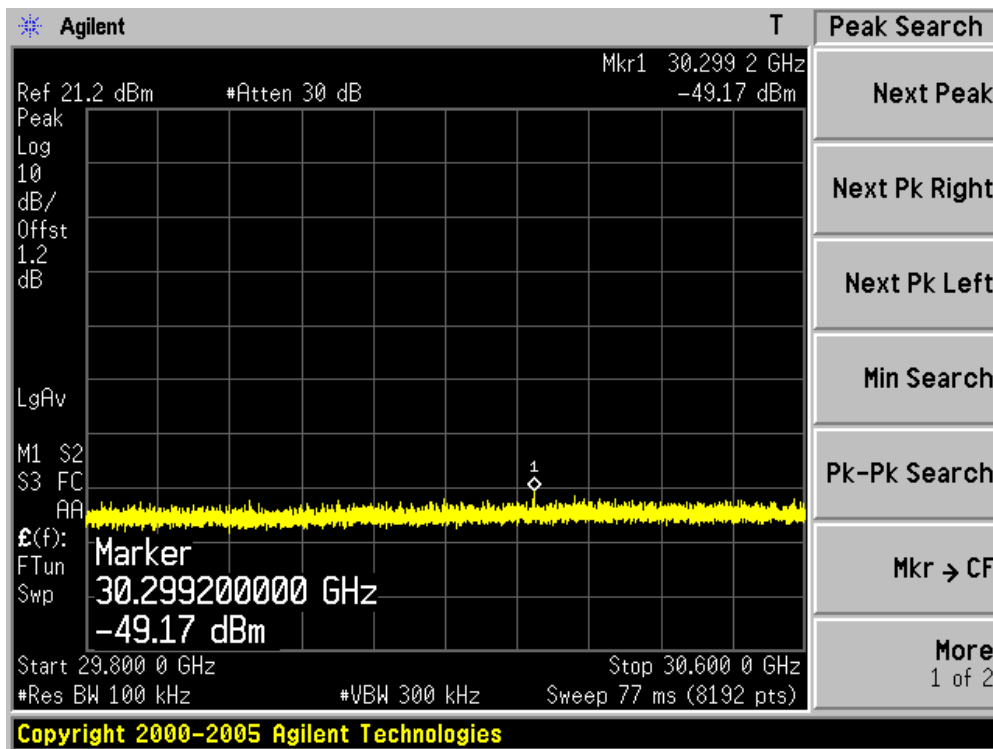
Channel 165 (5825MHz)-5



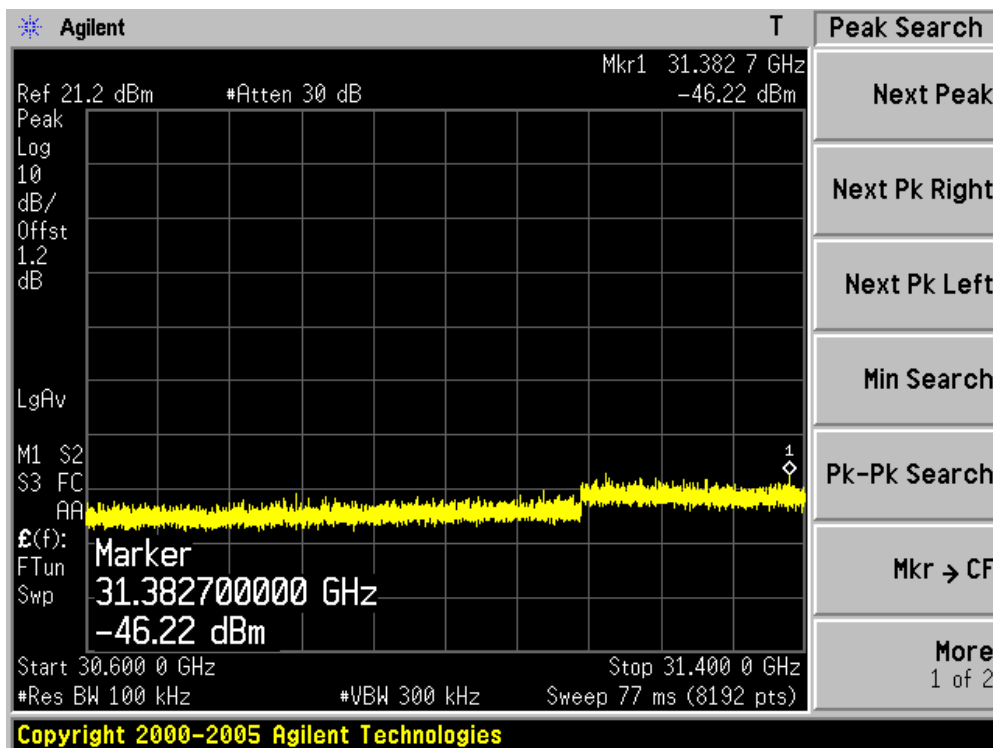
Channel 165 (5825MHz)-6



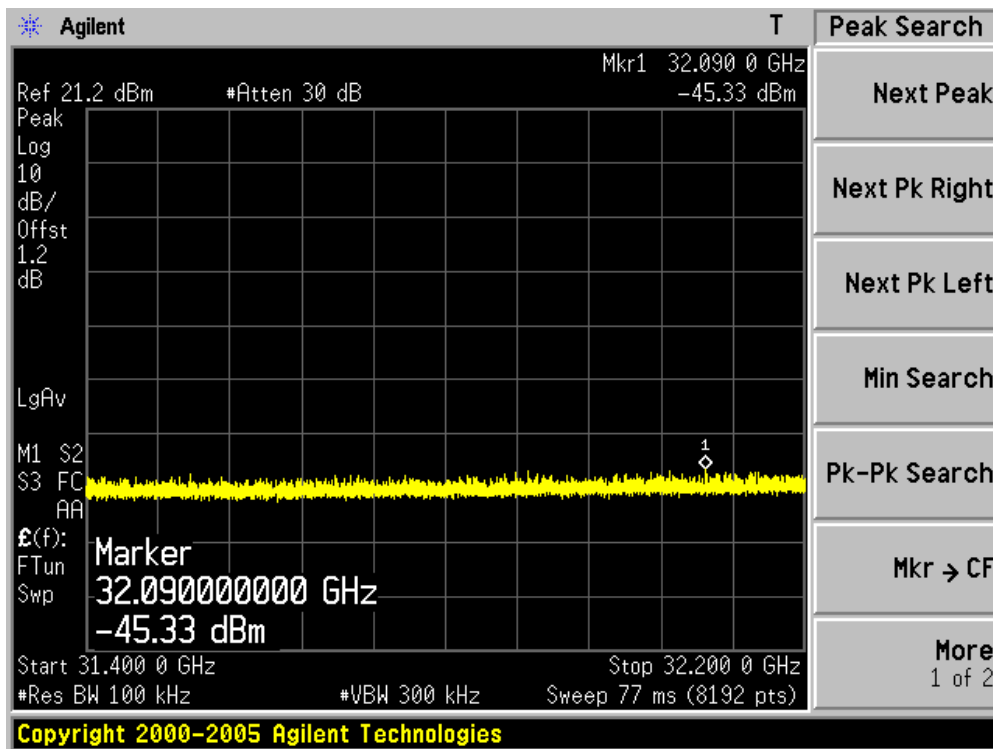
Channel 165 (5825MHz)-7



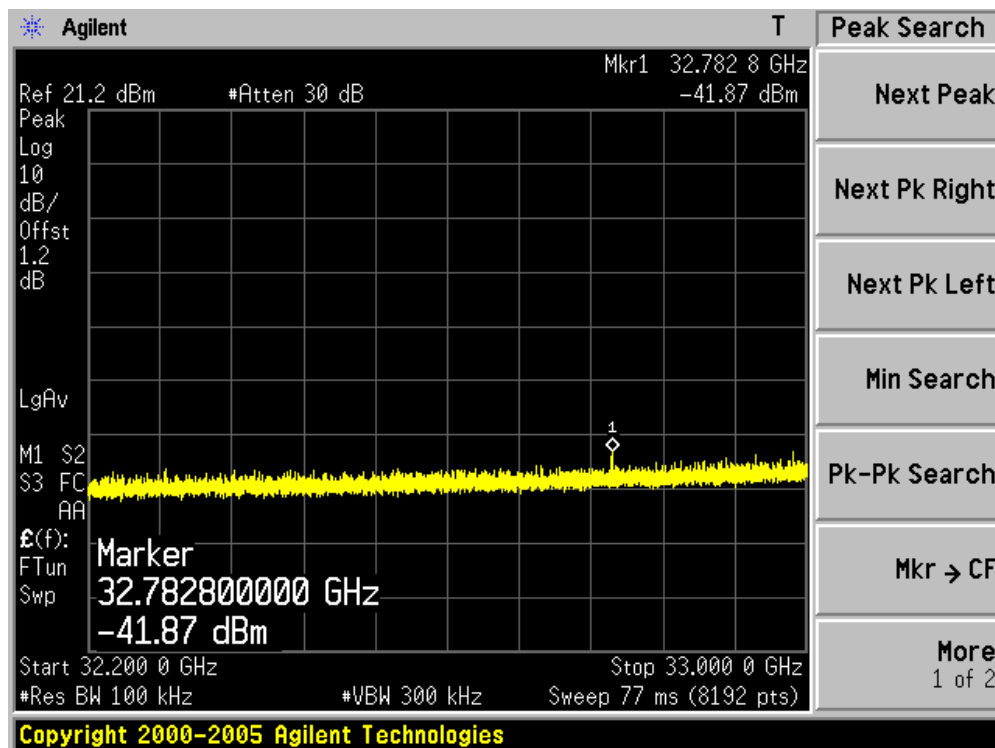
Channel 165 (5825MHz)-8



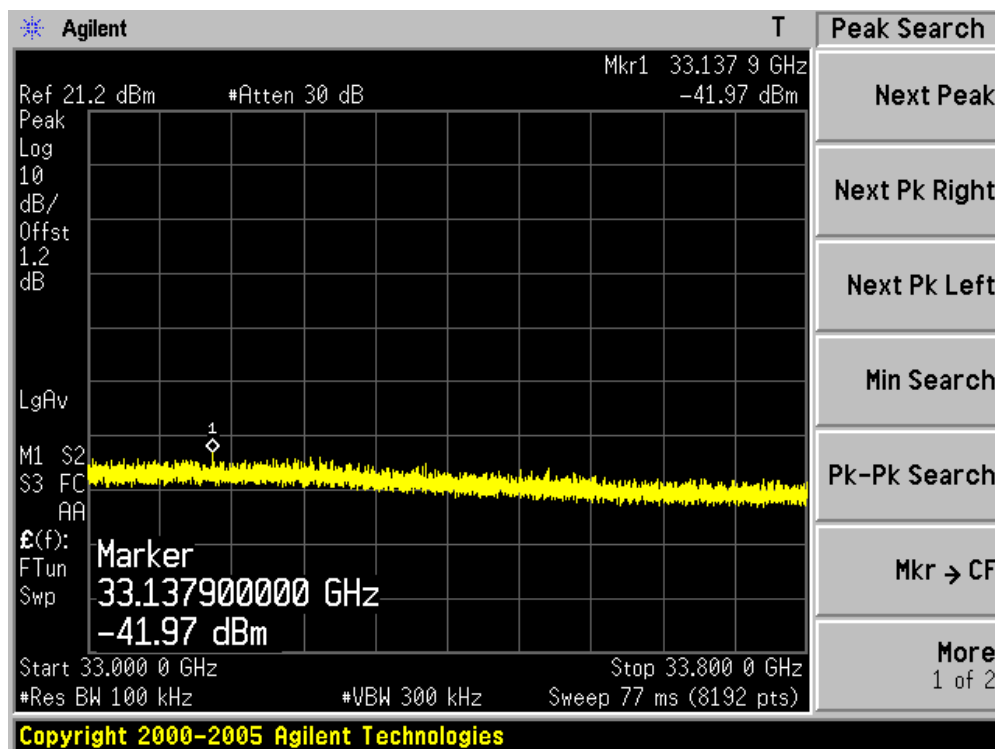
Channel 165 (5825MHz)-9



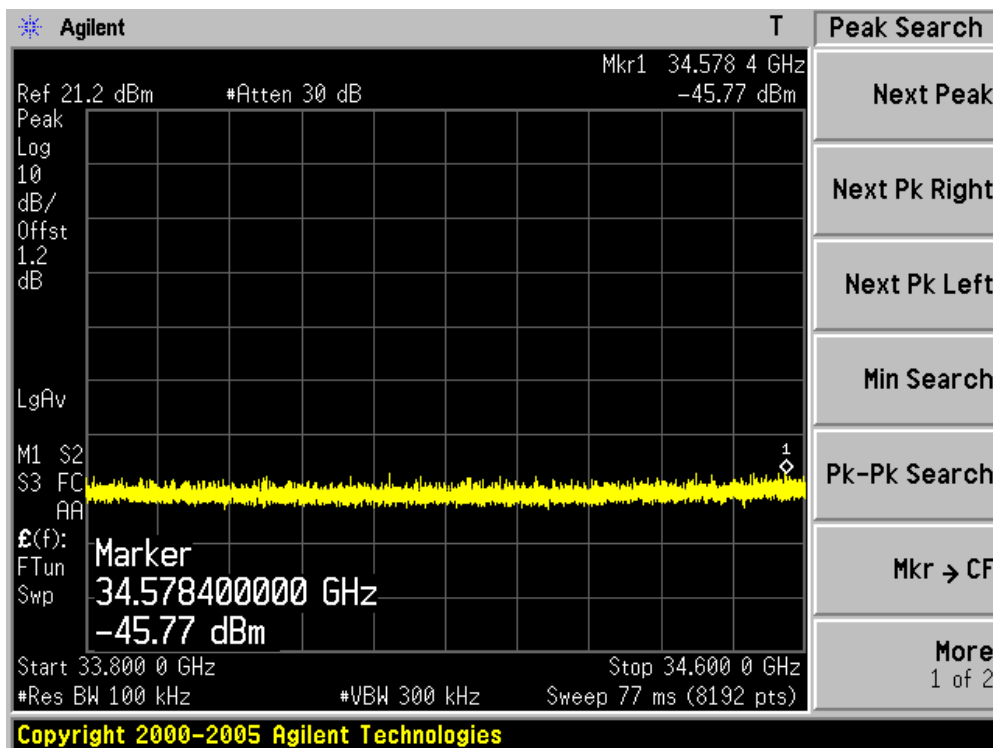
Channel 165 (5825MHz)-10



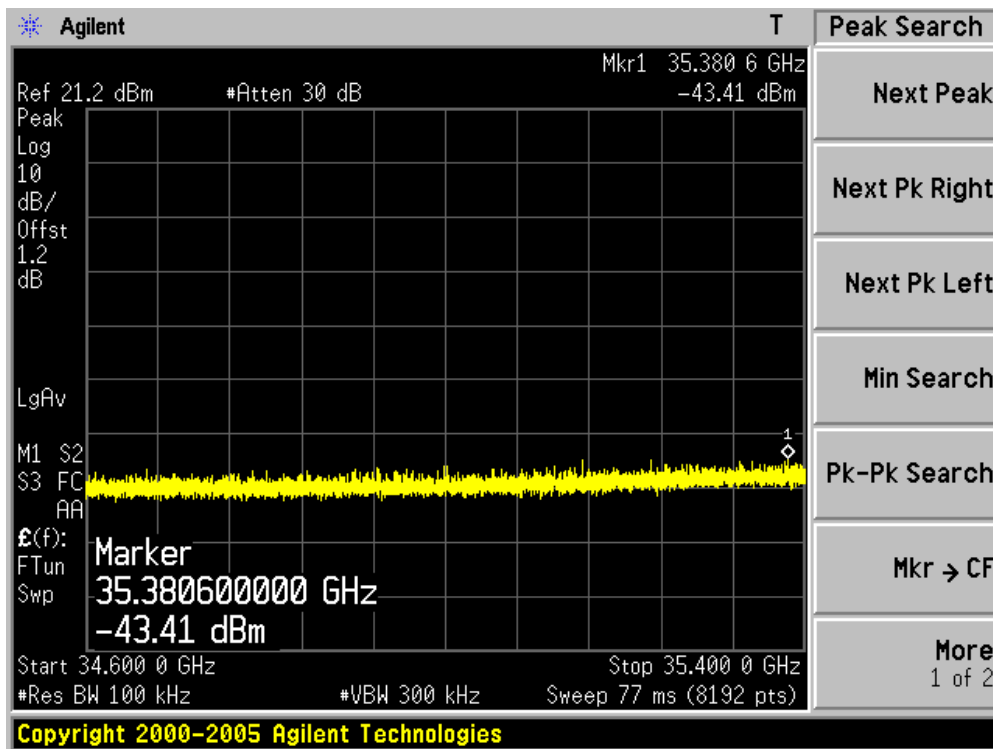
Channel 165 (5825MHz)-11



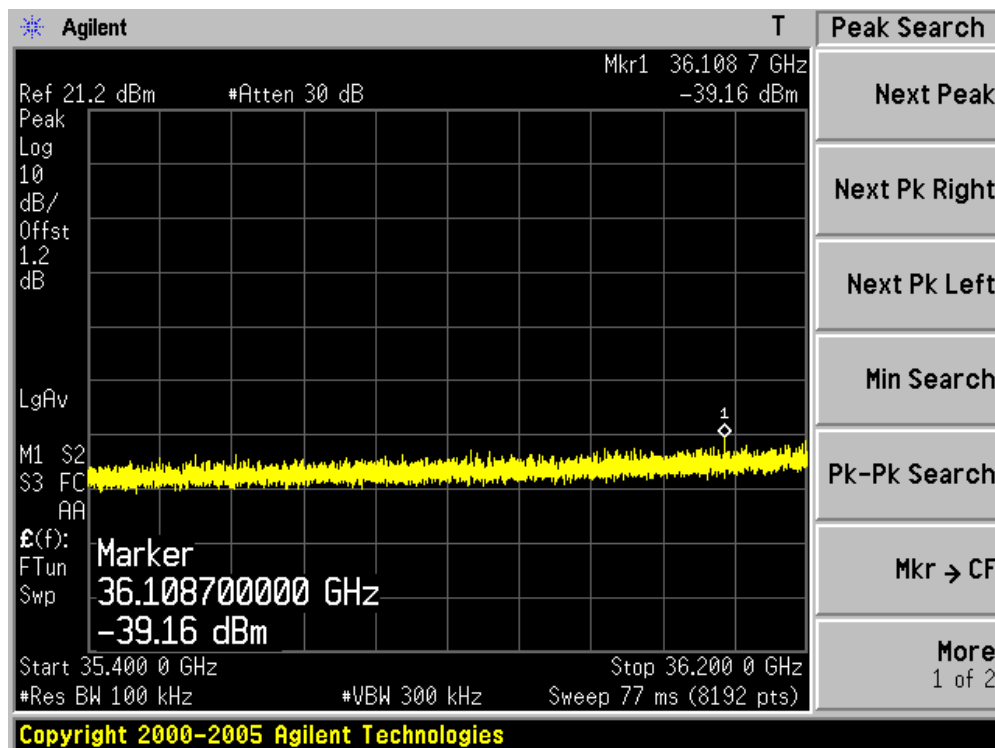
Channel 165 (5825MHz)-12



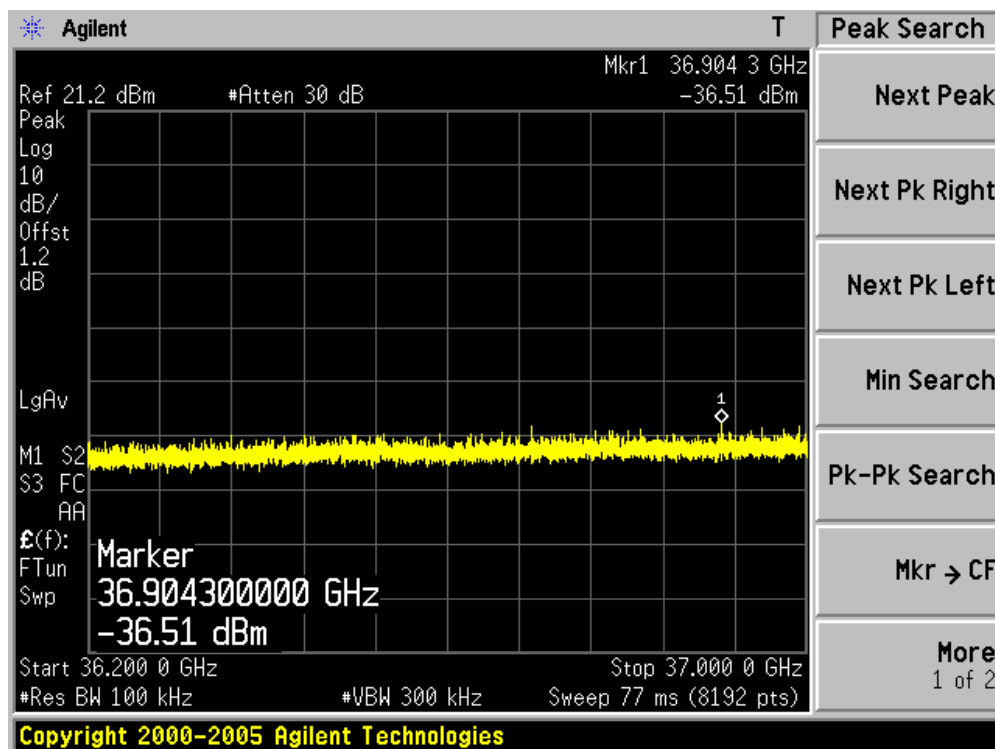
Channel 165 (5825MHz)-13



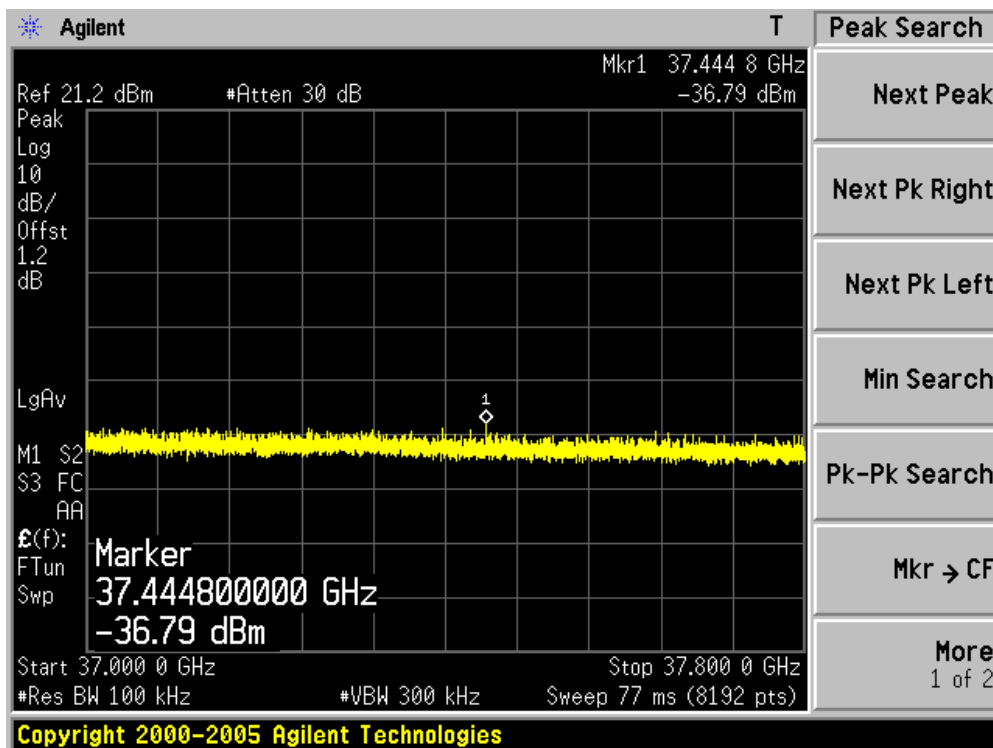
Channel 165 (5825MHz)-14



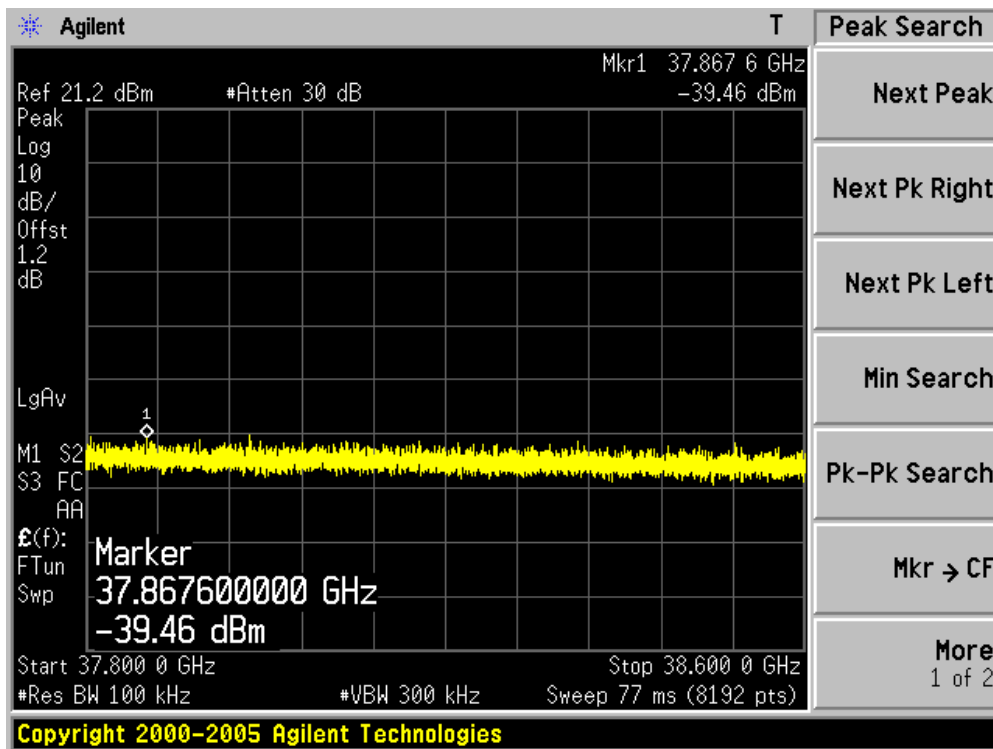
Channel 165 (5825MHz)-15



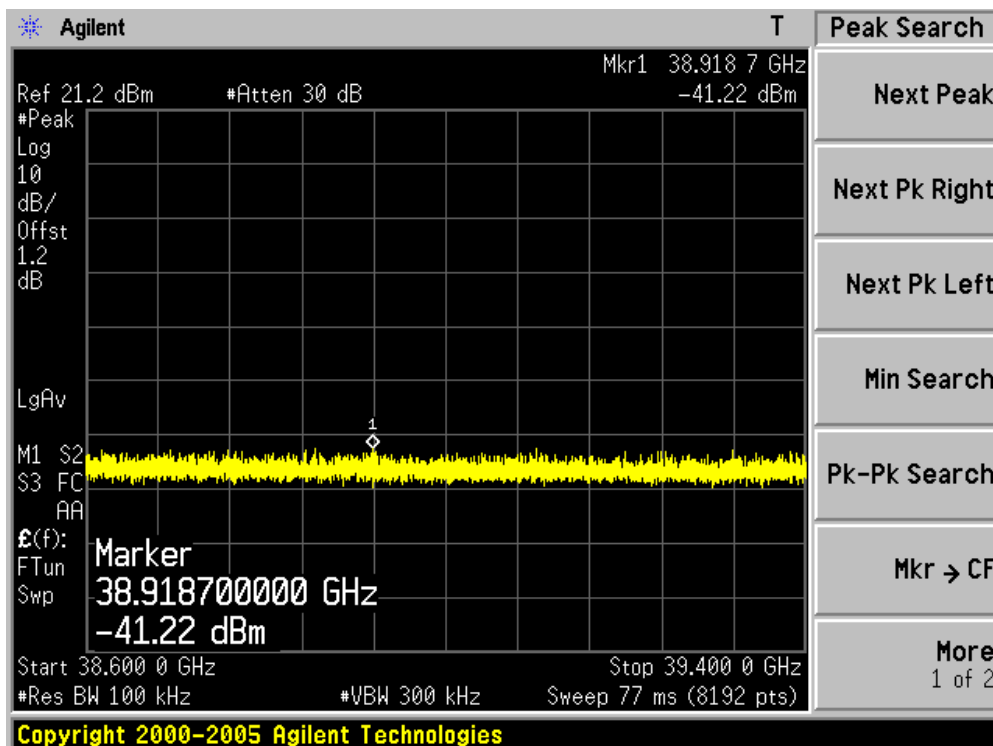
Channel 165 (5825MHz)-16



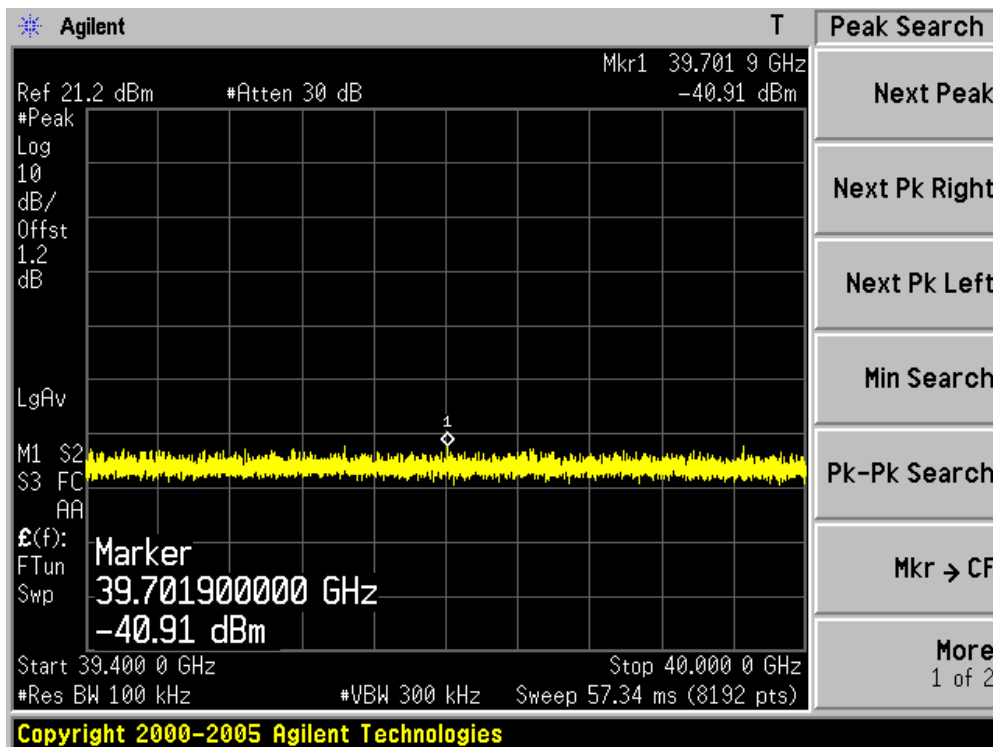
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

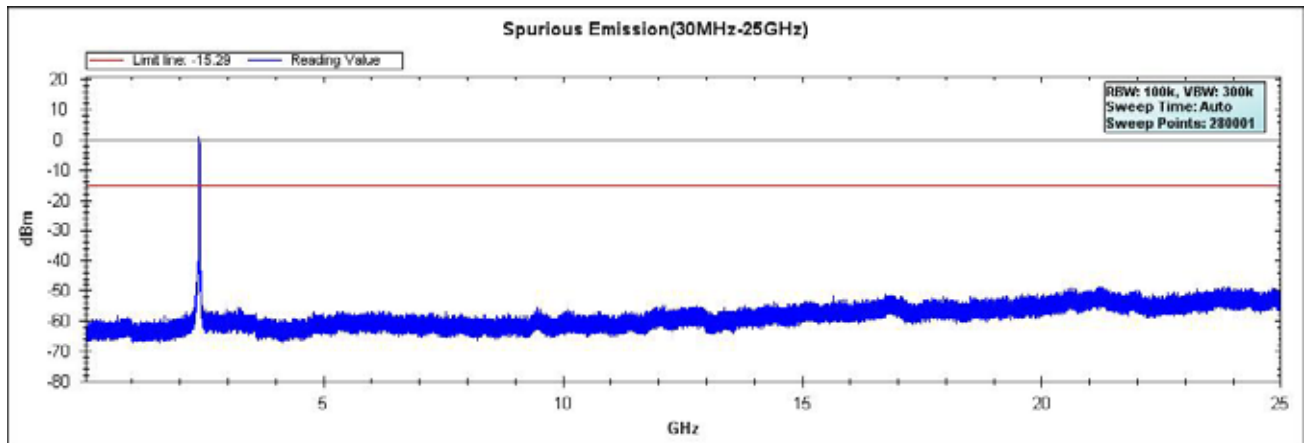


Channel 165 (5825MHz)-19

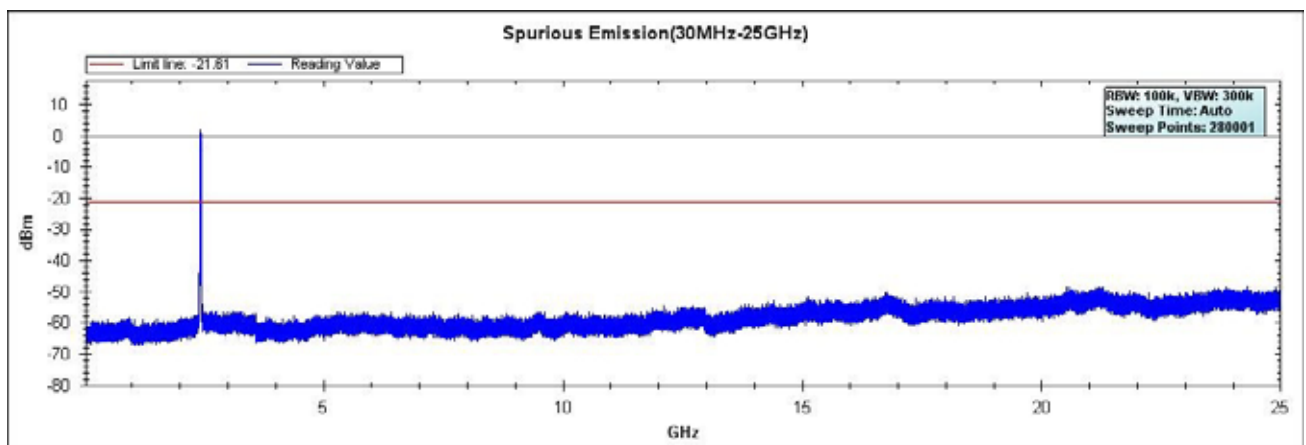


|           |   |                                            |
|-----------|---|--------------------------------------------|
| Product   | : | Mi Wi-Fi                                   |
| Test Item | : | RF Antenna Conducted Spurious              |
| Test Site | : | TR-8                                       |
| Test Mode | : | Mode 4: Transmit by 802.11n(20MHz) (Ant 1) |

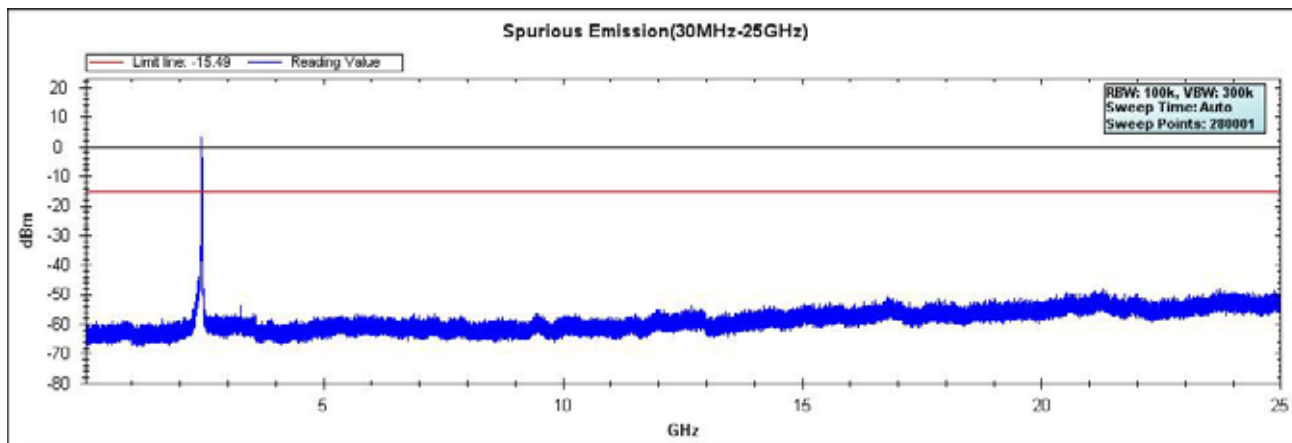
### Channel 01 (2412MHz)



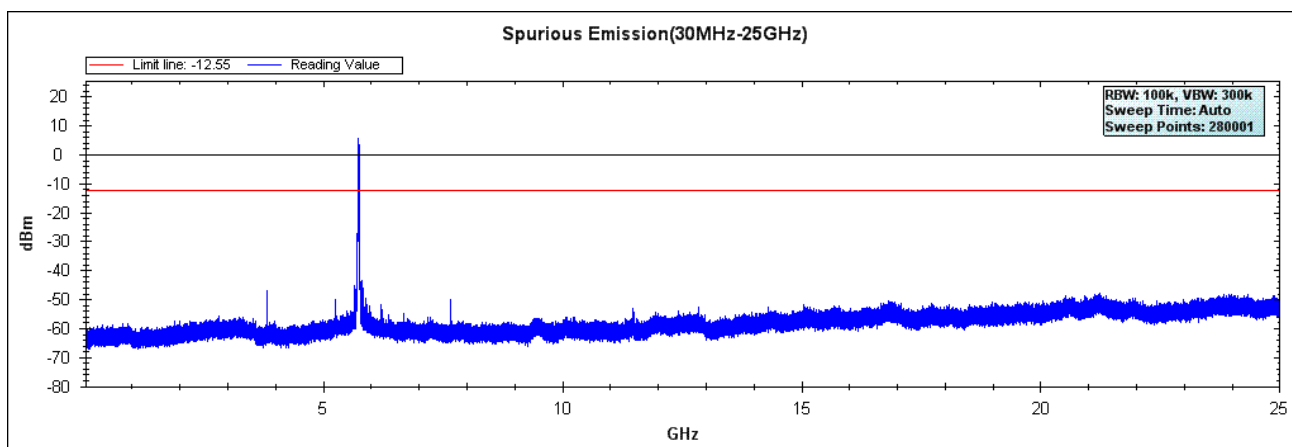
### Channel 06 (2437MHz)



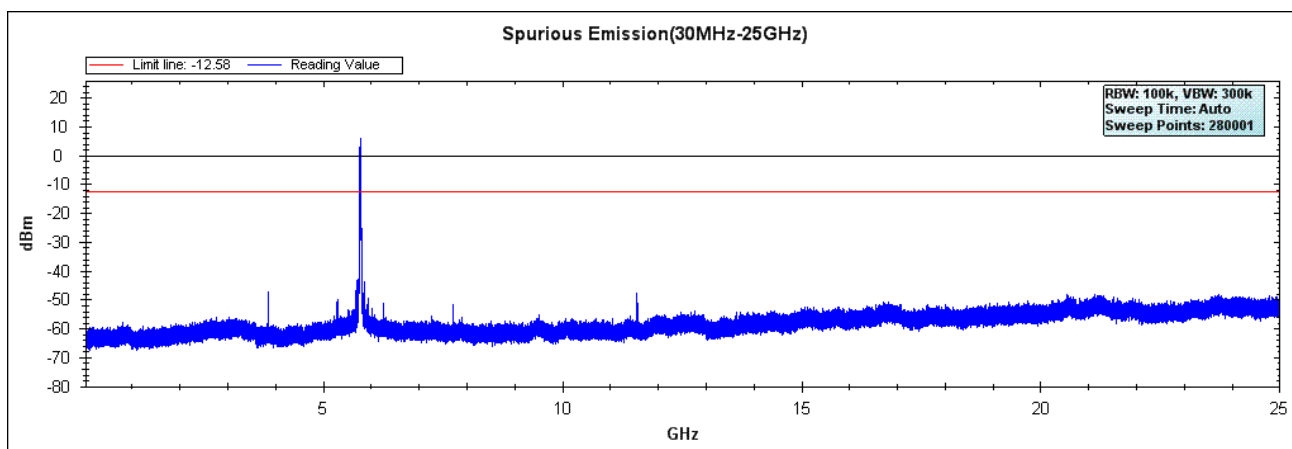
### Channel 11 (2462MHz)



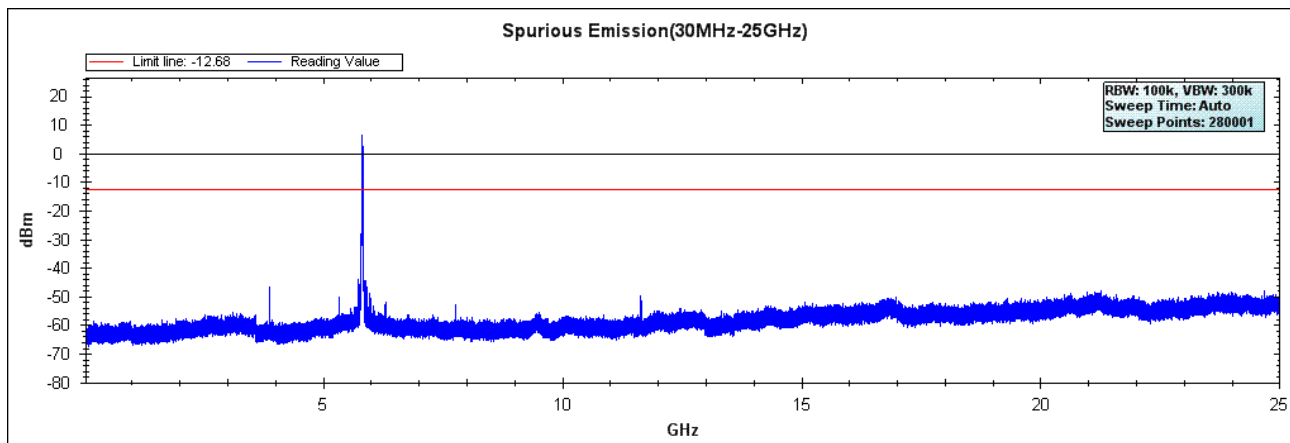
### Channel 149 (5745MHz)



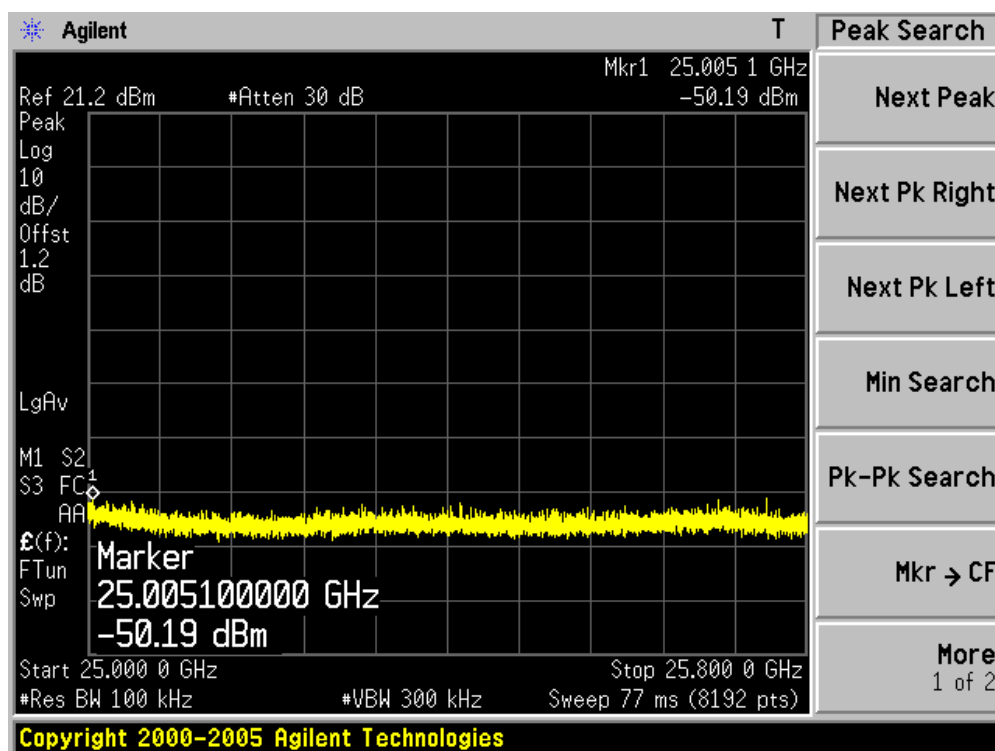
### Channel 157 (5785MHz)



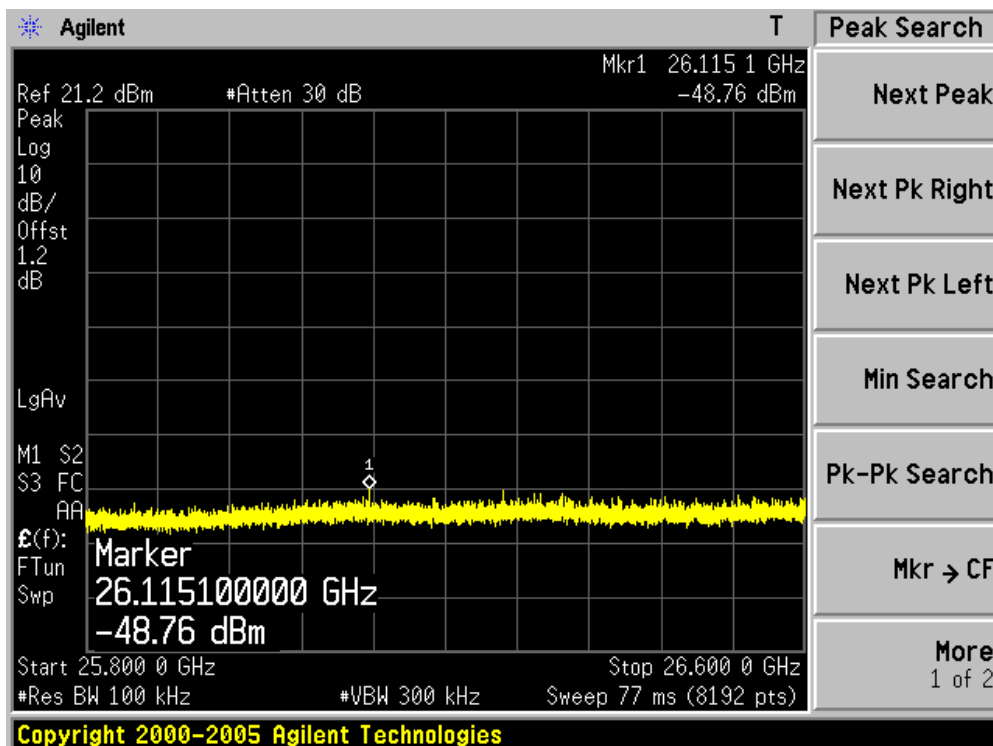
### Channel 165 (5825MHz)



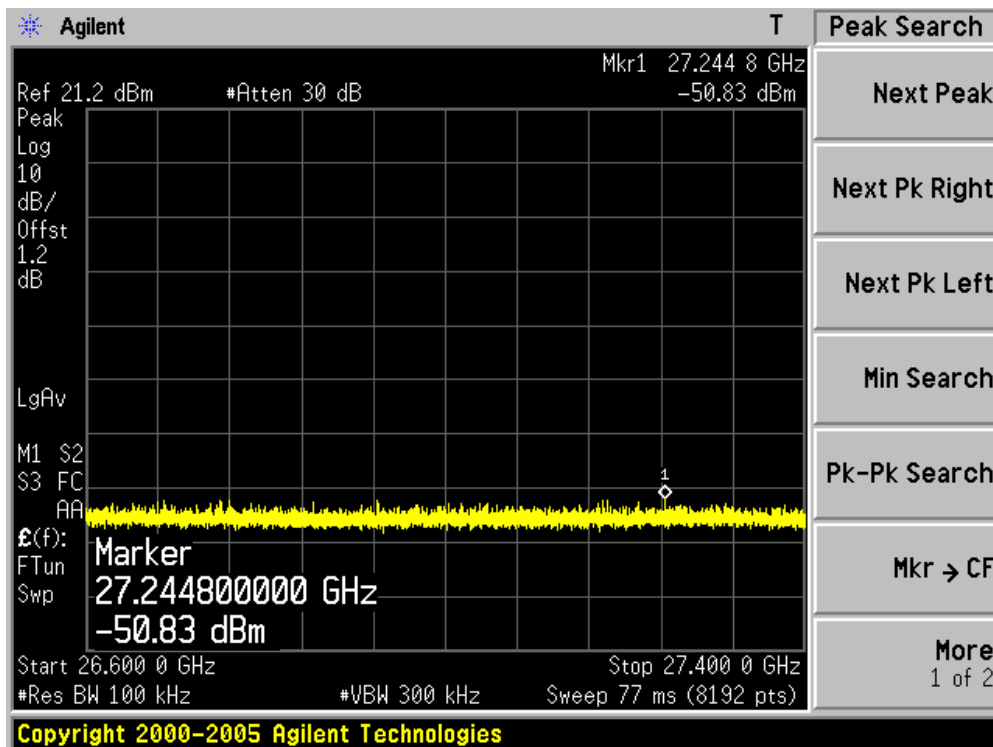
### Channel 149 (5745MHz)-1



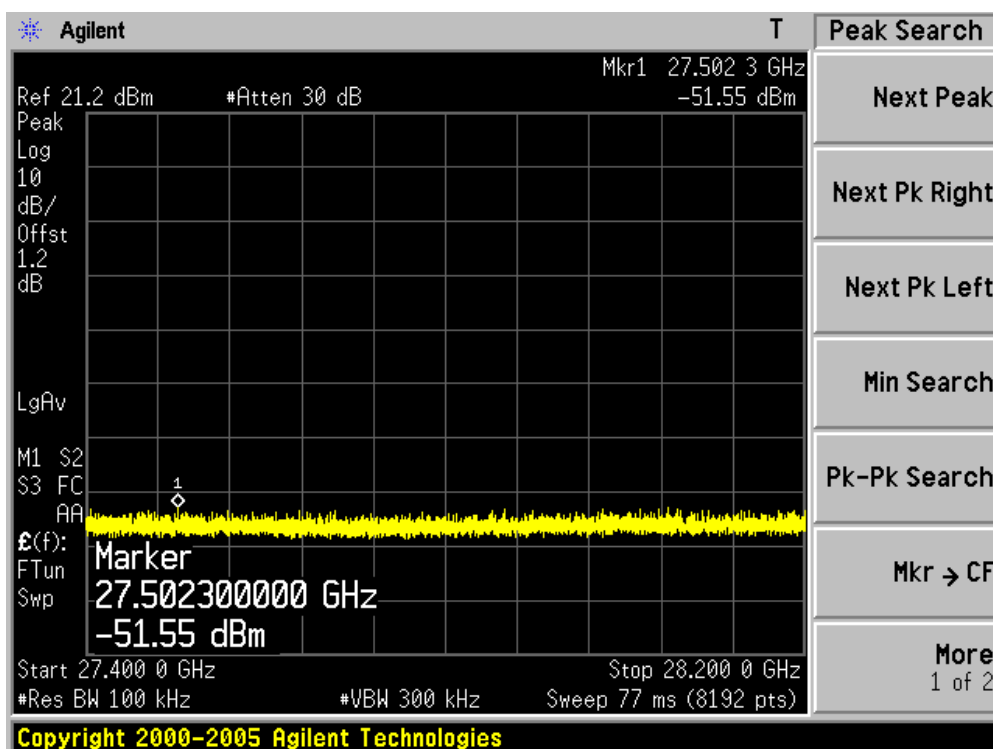
### Channel 149 (5745MHz)-2



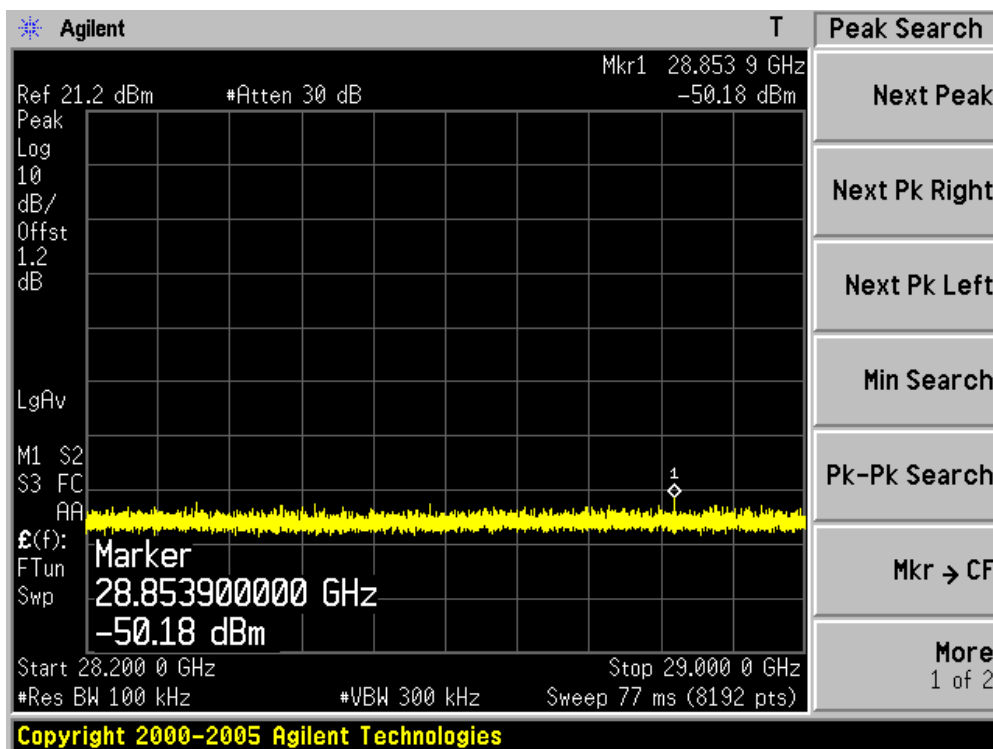
### Channel 149 (5745MHz)-3



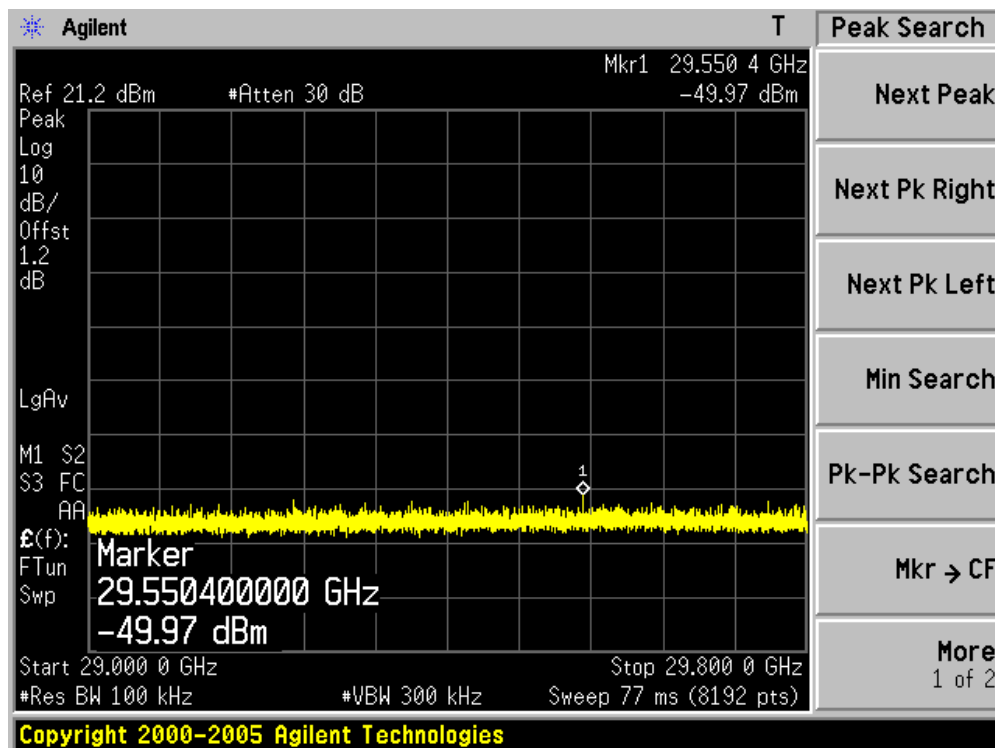
Channel 149 (5745MHz)-4



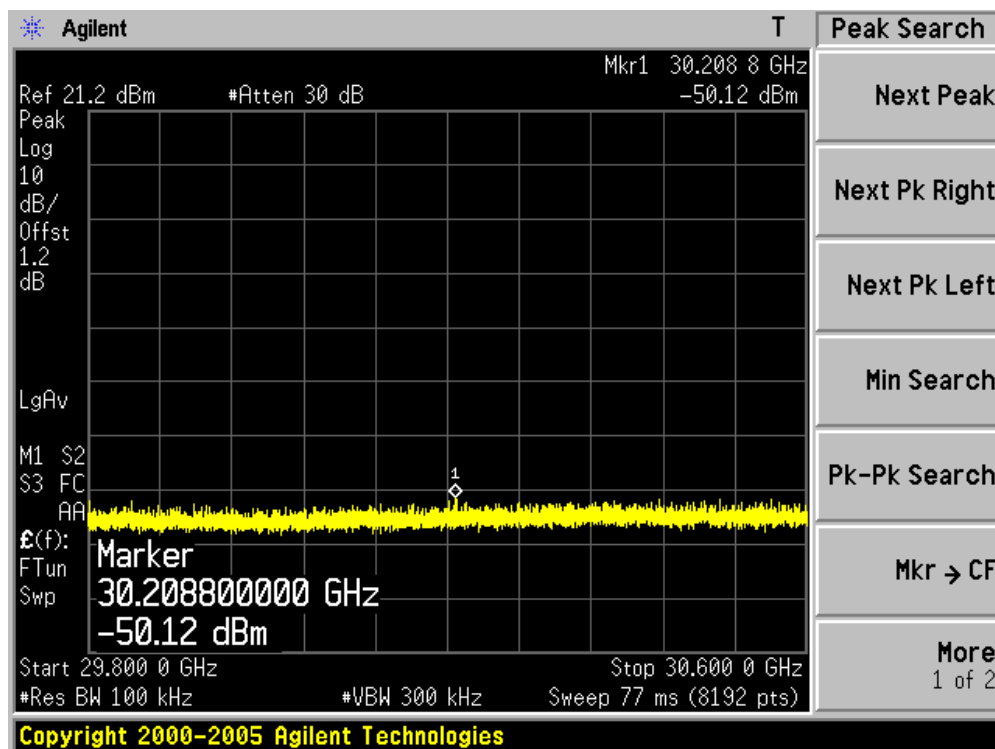
Channel 149 (5745MHz)-5



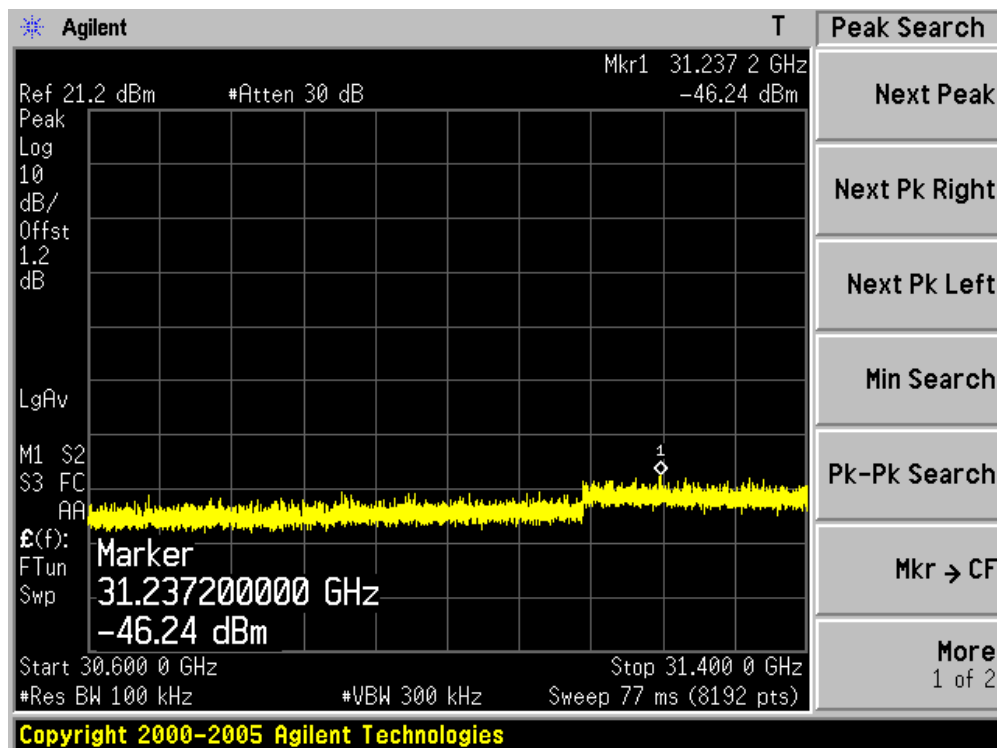
Channel 149 (5745MHz)-6



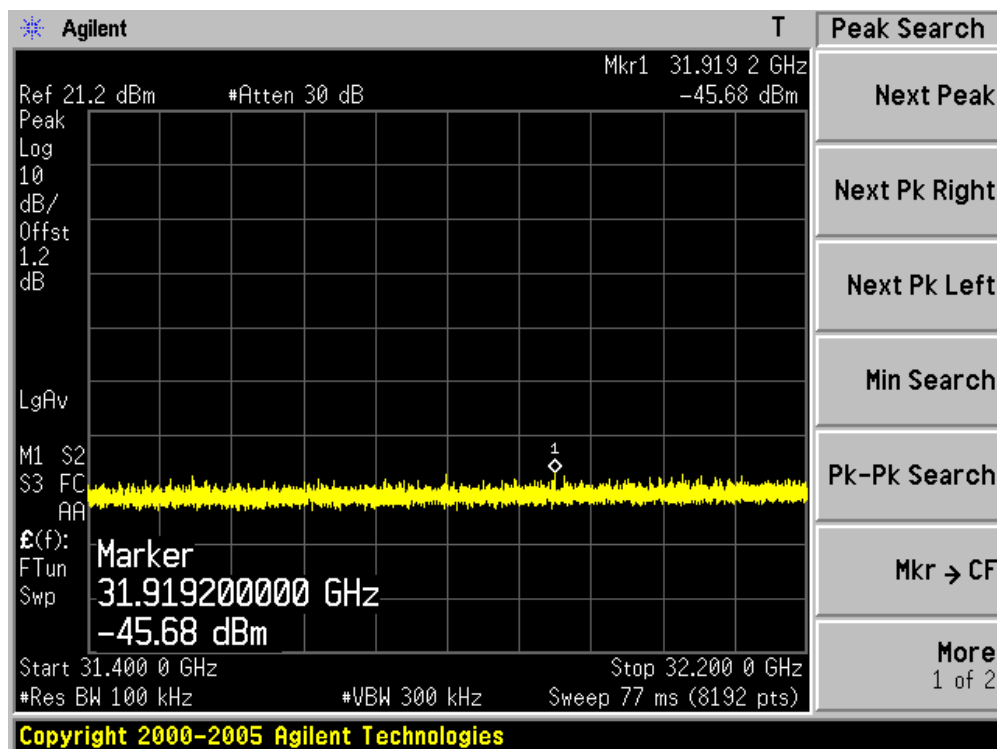
Channel 149 (5745MHz)-7



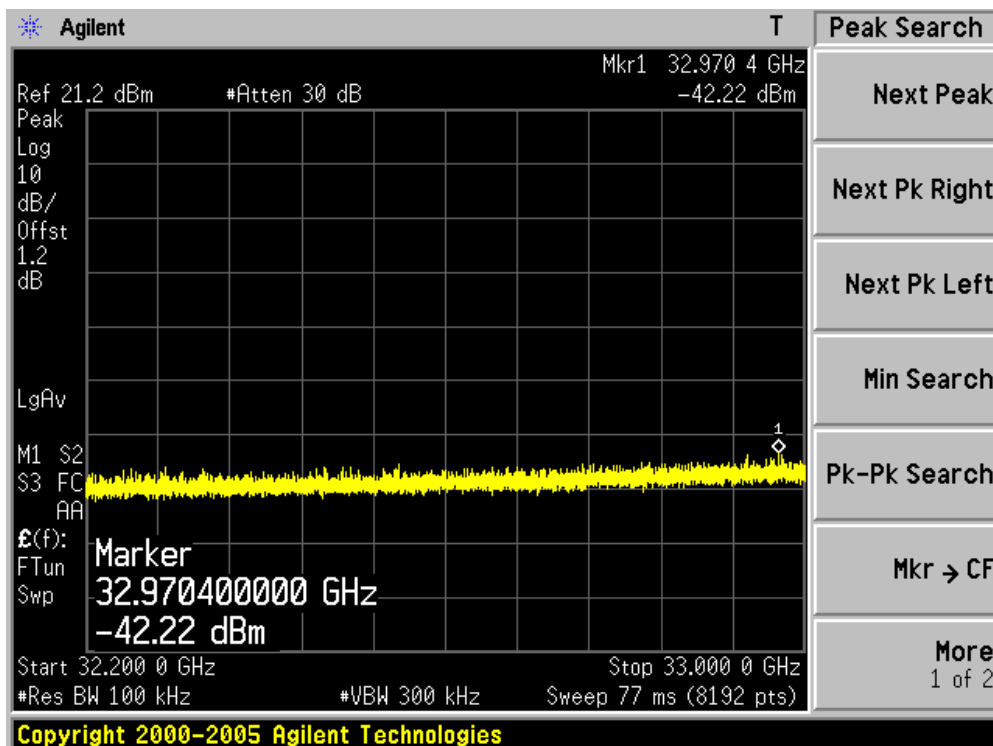
Channel 149 (5745MHz)-8



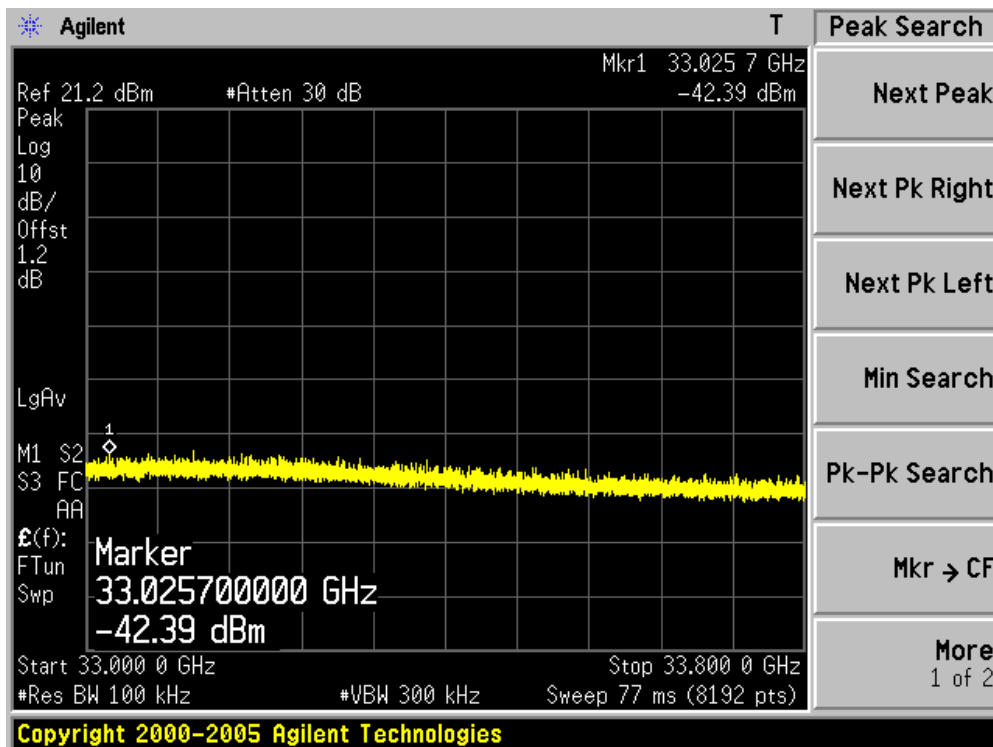
Channel 149 (5745MHz)-9



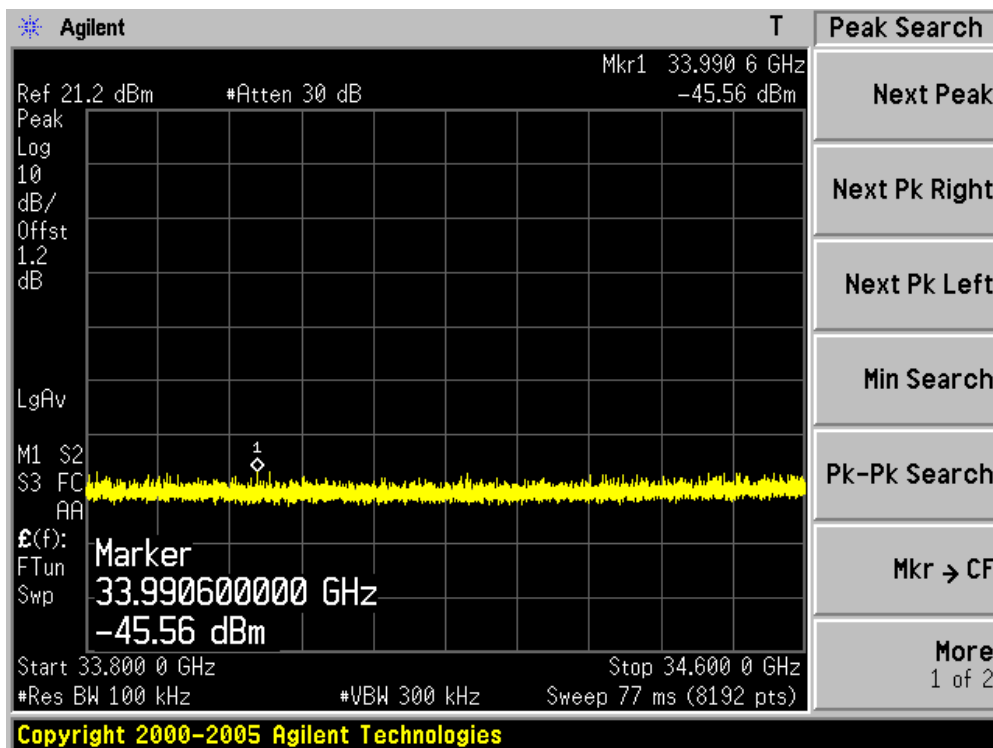
Channel 149 (5745MHz)-10



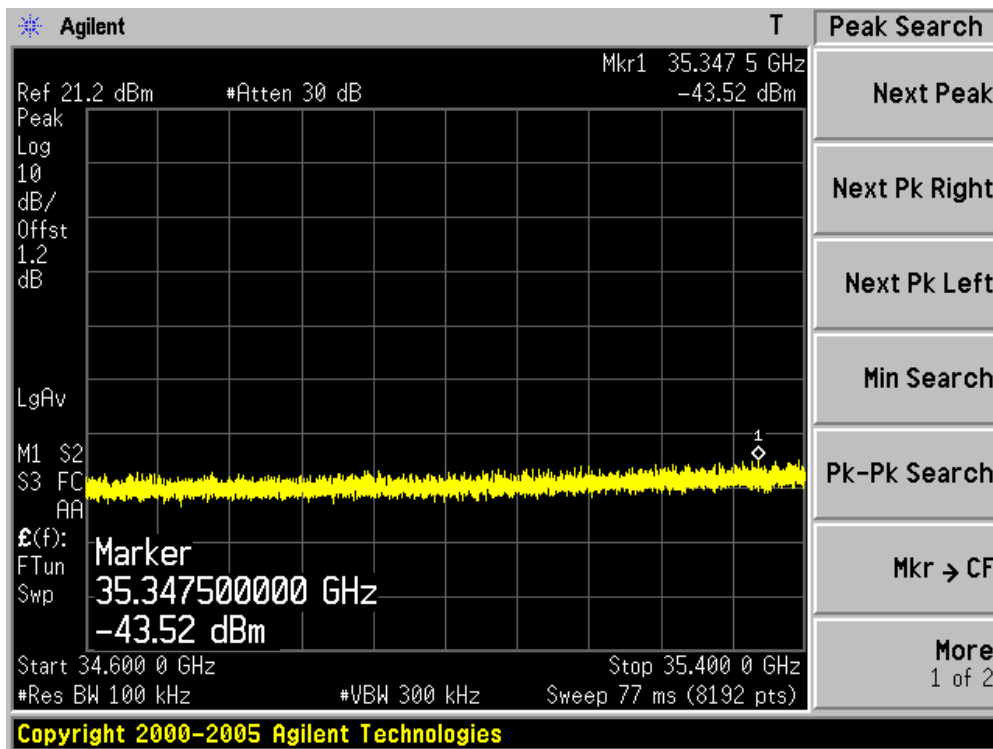
Channel 149 (5745MHz)-11



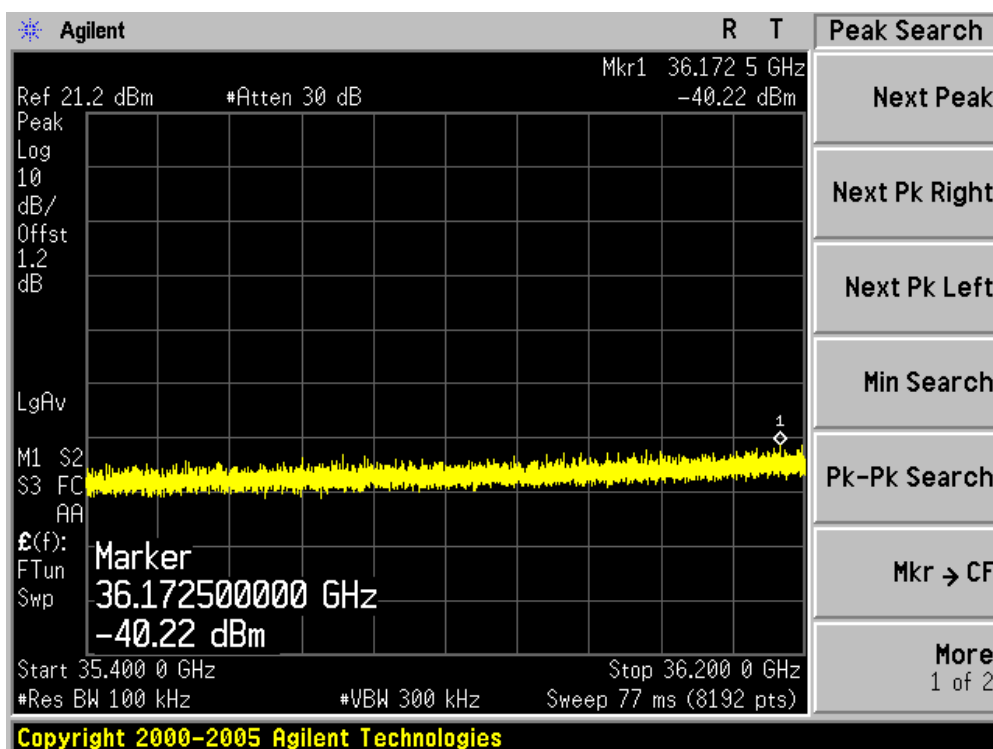
Channel 149 (5745MHz)-12



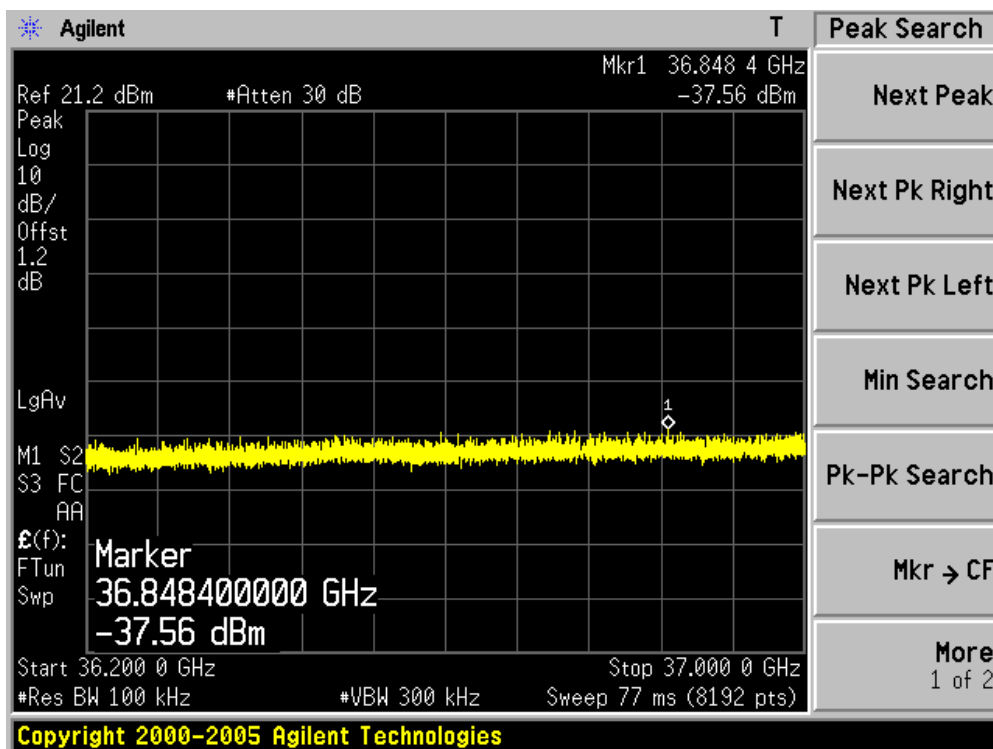
Channel 149 (5745MHz)-13



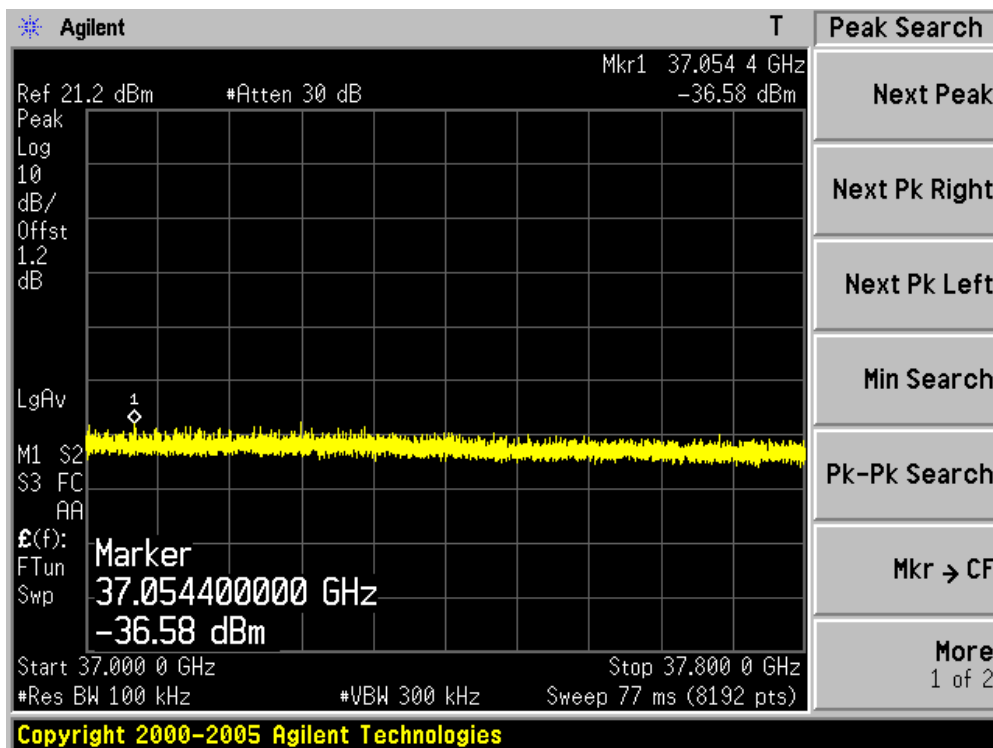
### Channel 149 (5745MHz)-14



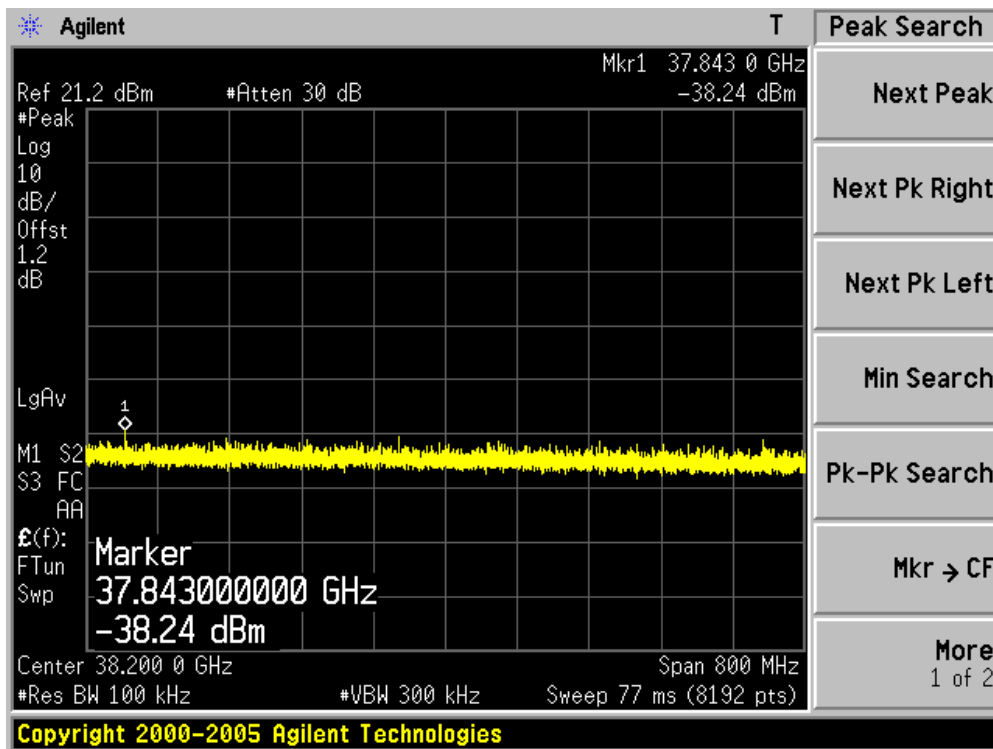
### Channel 149 (5745MHz)-15



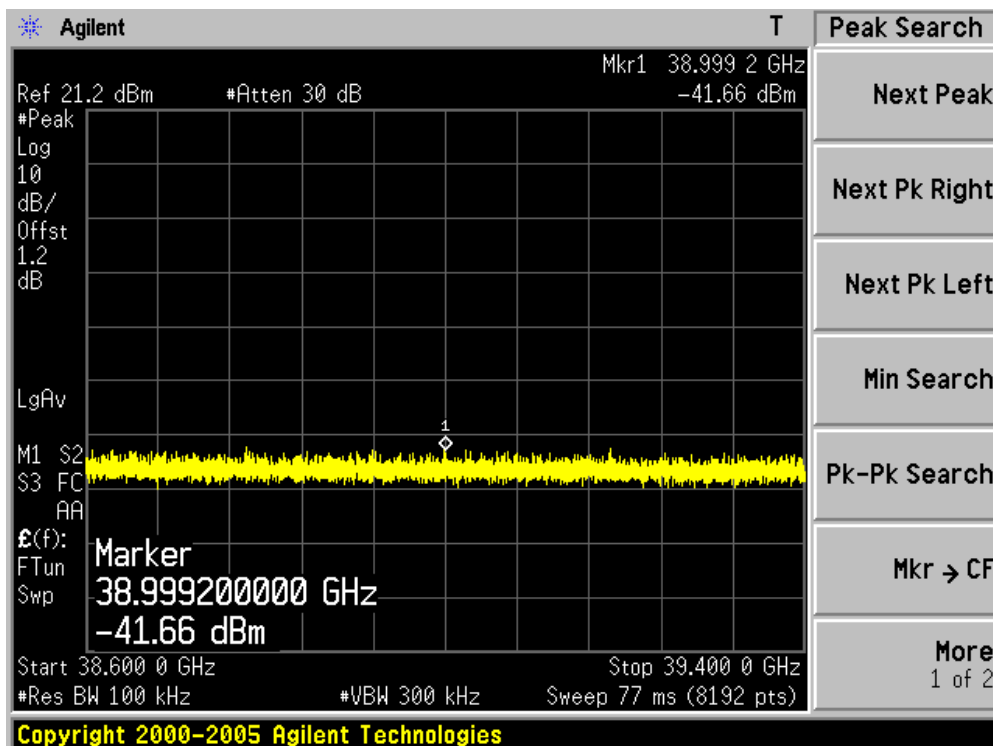
Channel 149 (5745MHz)-16



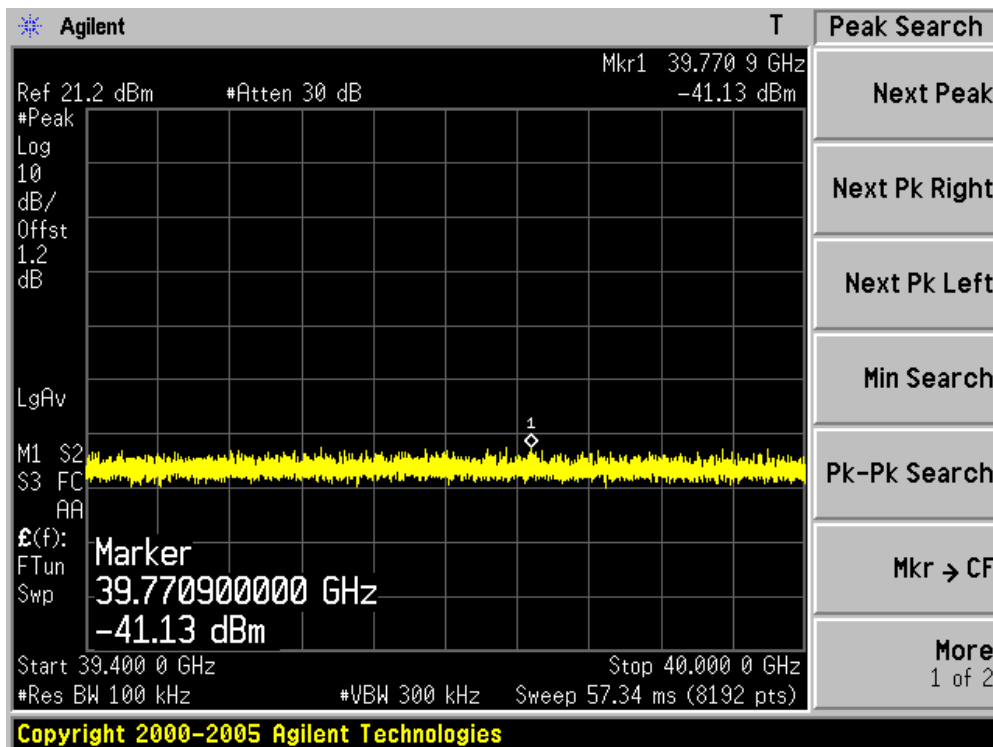
Channel 149 (5745MHz)-17



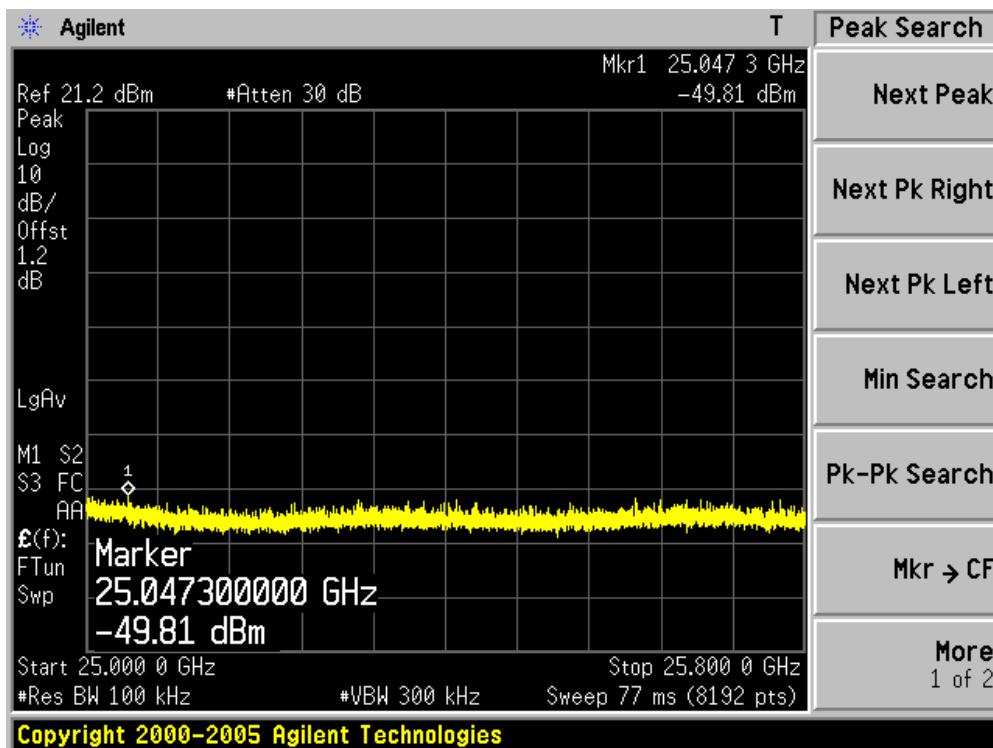
Channel 149 (5745MHz)-18



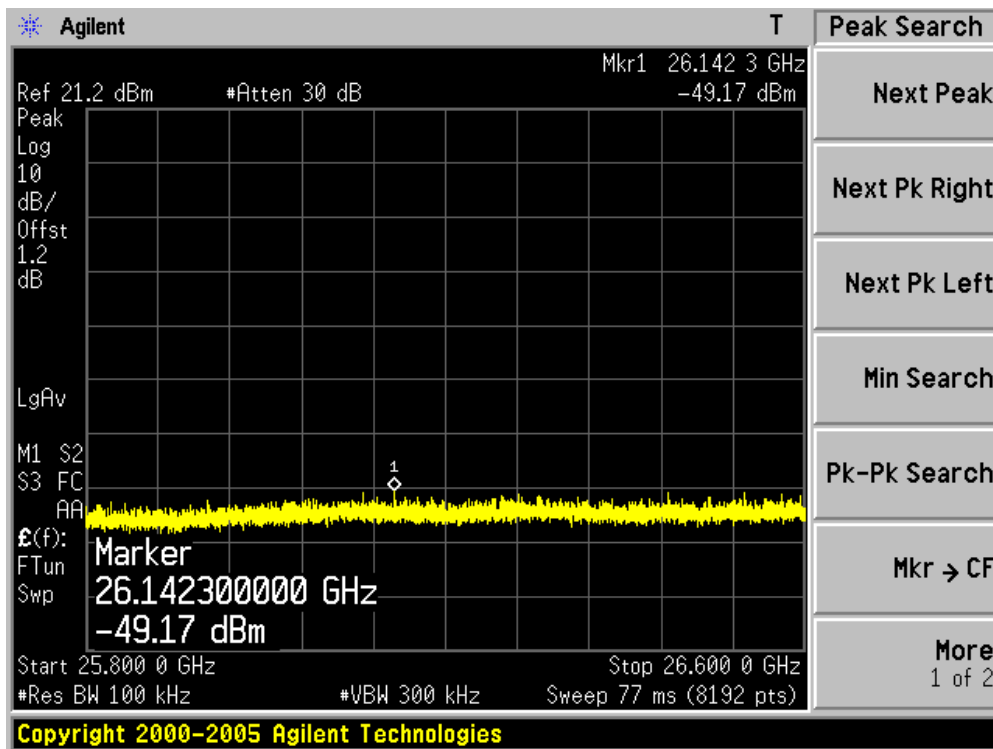
Channel 149 (5745MHz)-19



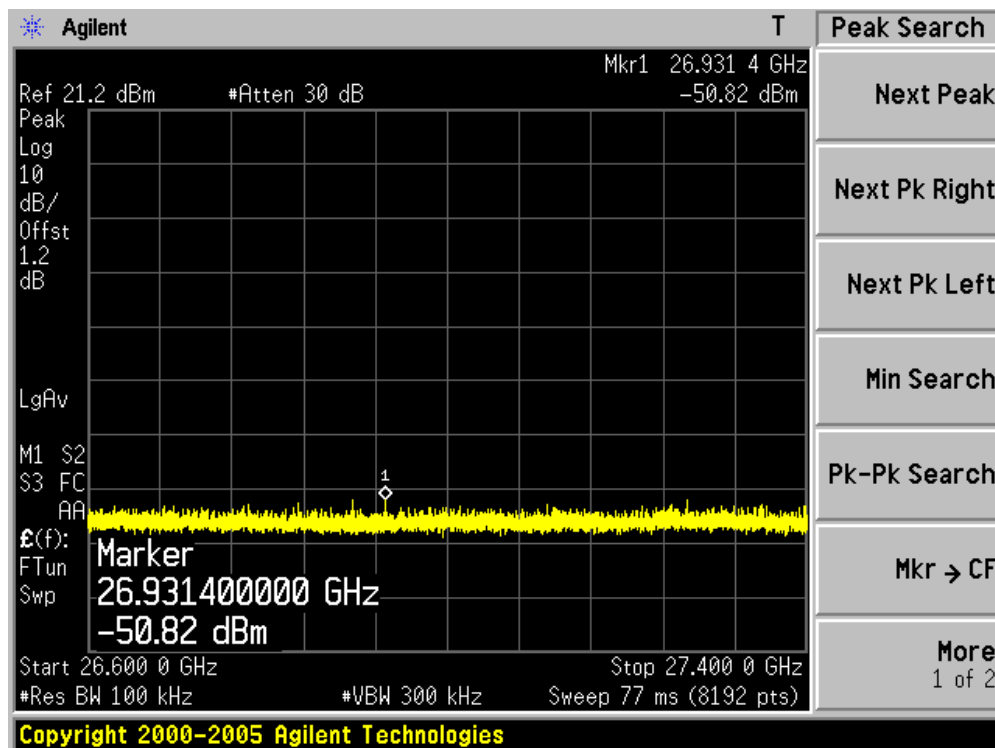
Channel 157 (5785MHz)-1



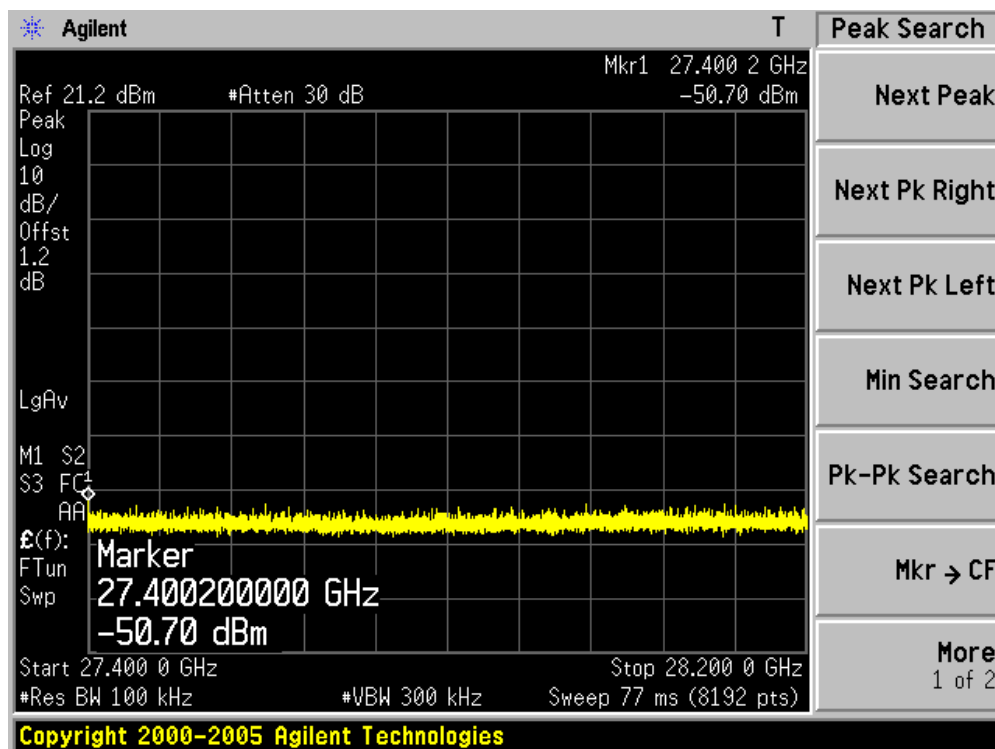
Channel 157 (5785MHz)-2



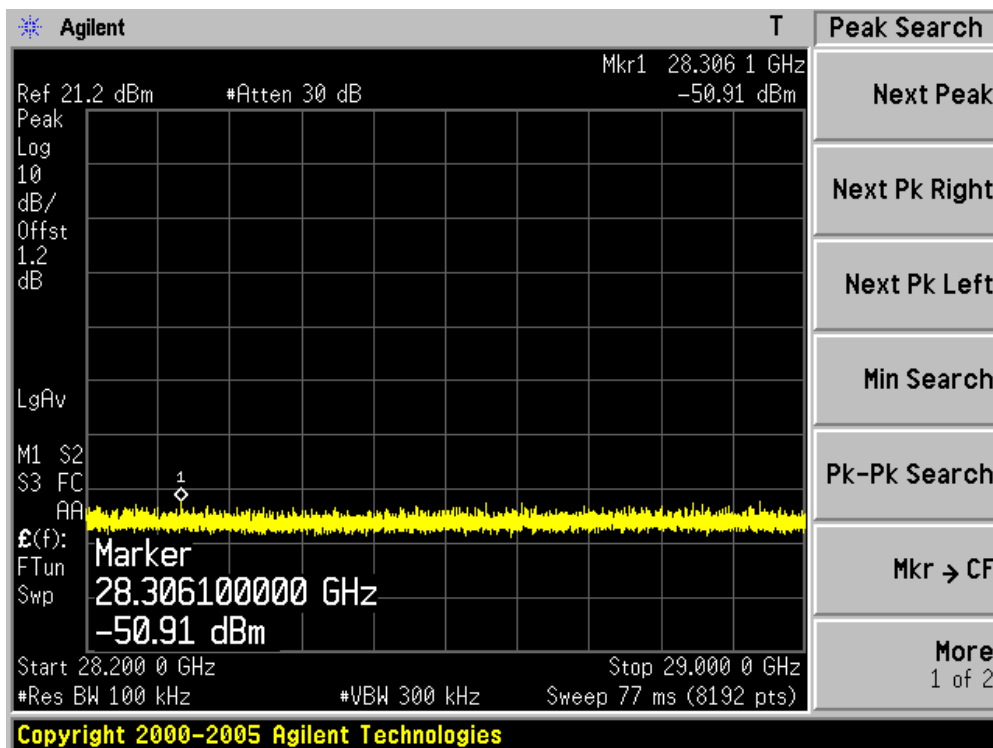
### Channel 157 (5785MHz)-3



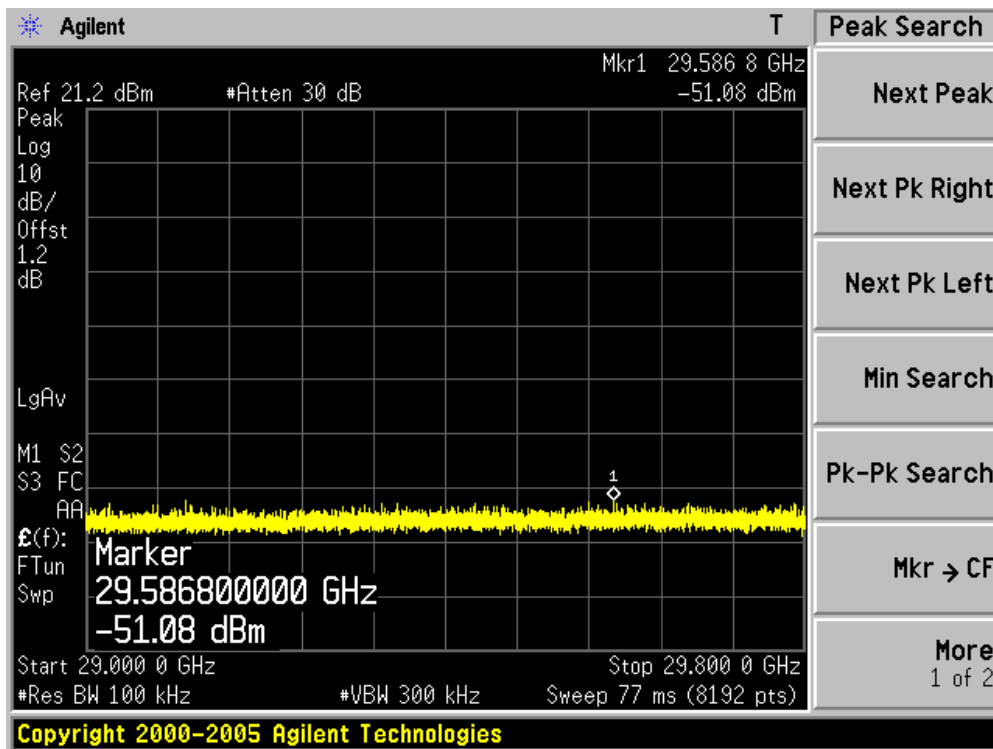
### Channel 157 (5785MHz)-4



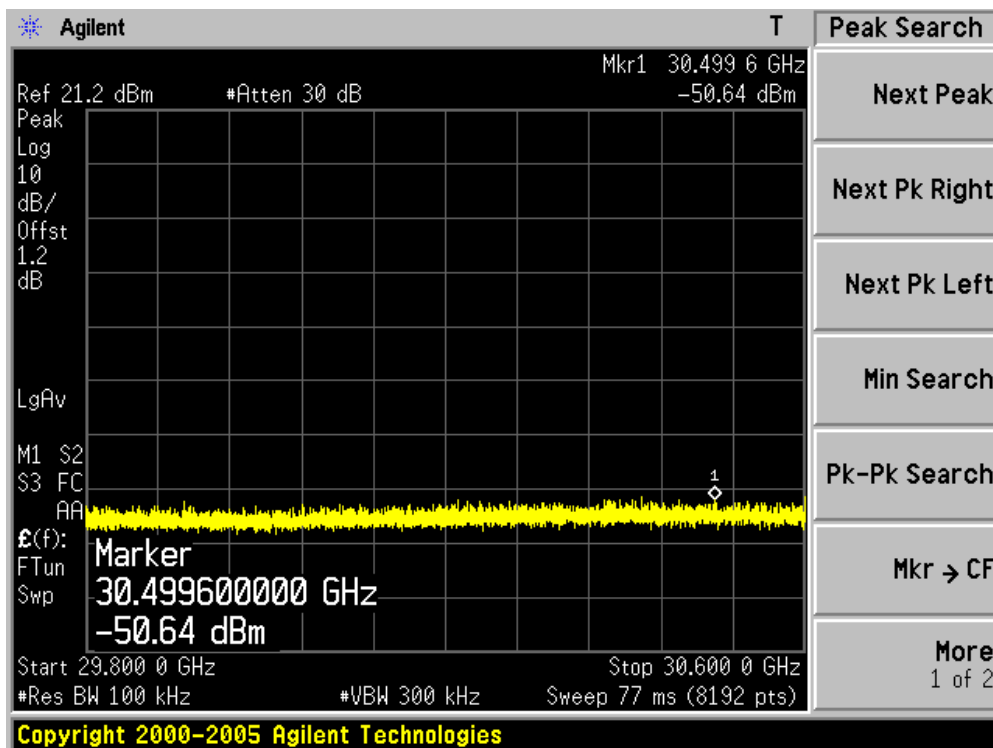
Channel 157 (5785MHz)-5



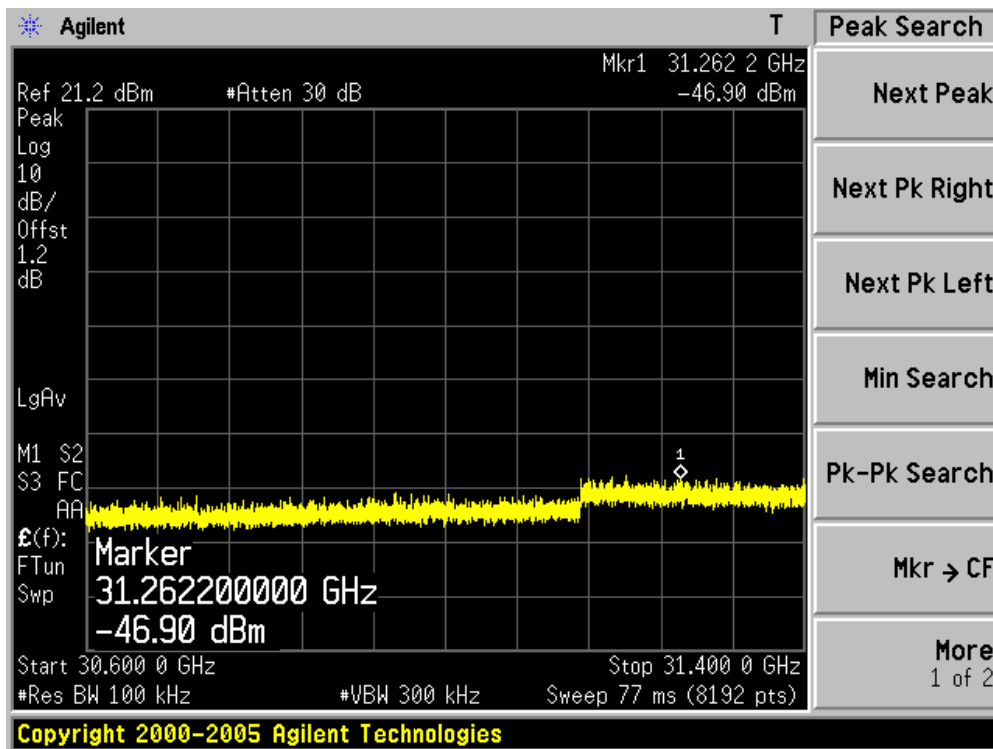
Channel 157 (5785MHz)-6



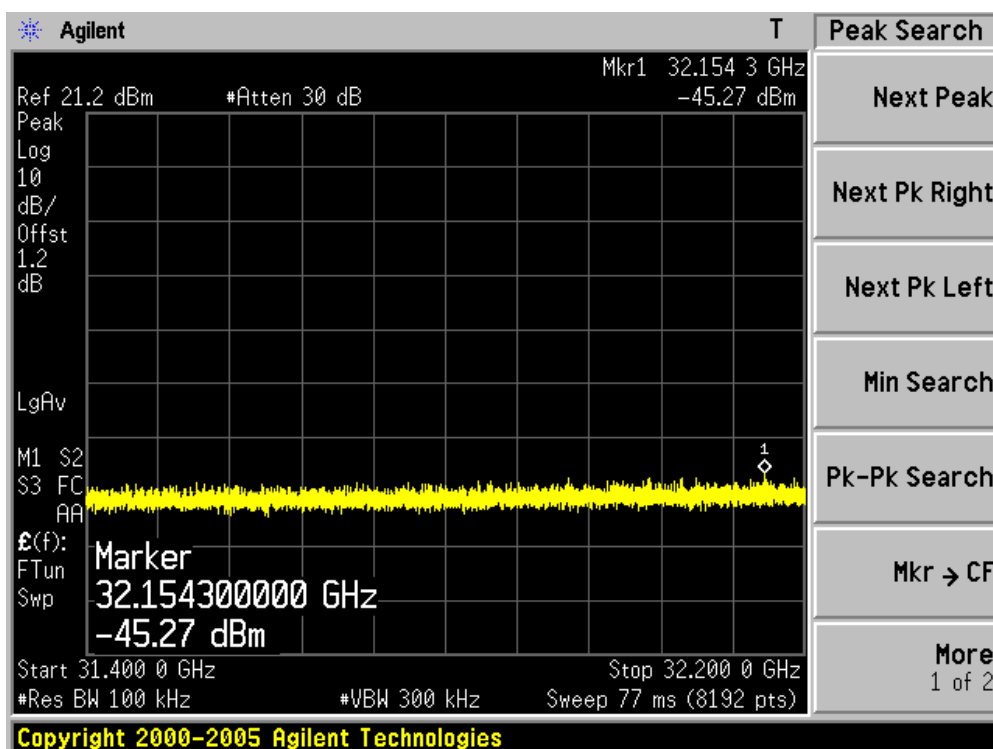
Channel 157 (5785MHz)-7



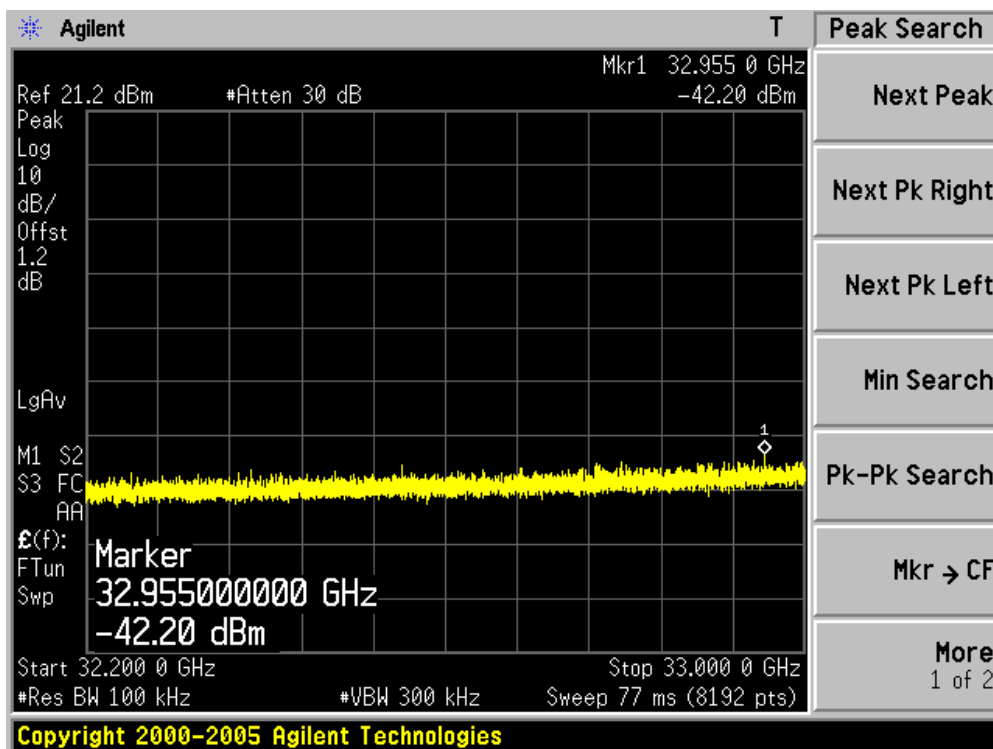
Channel 157 (5785MHz)-8



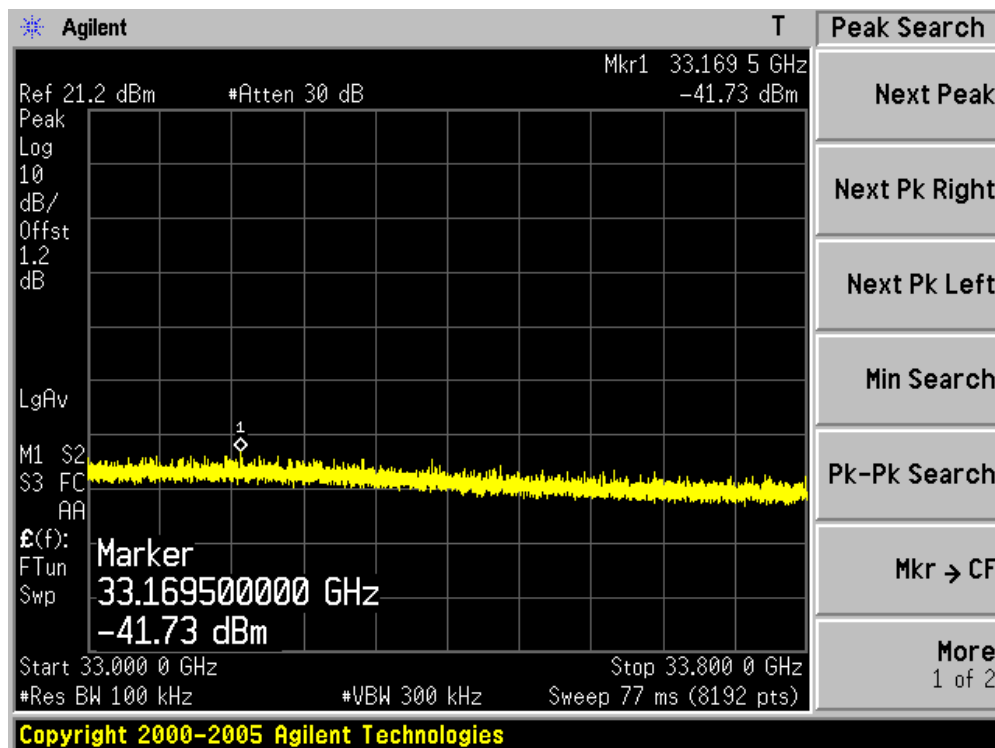
Channel 157 (5785MHz)-9



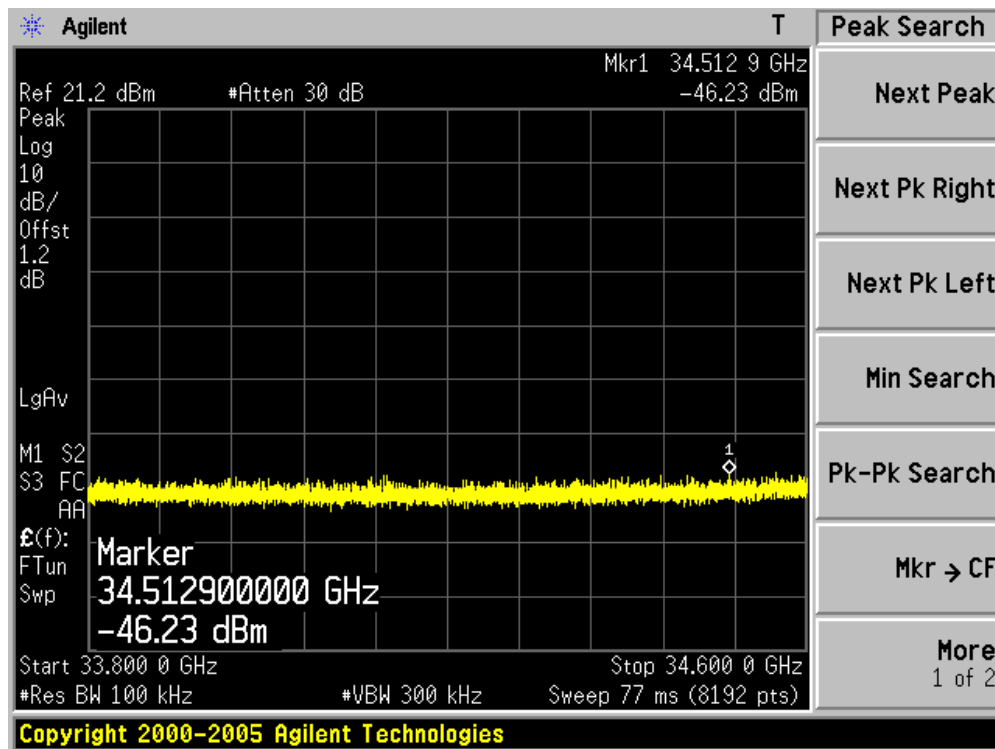
Channel 157 (5785MHz)-10



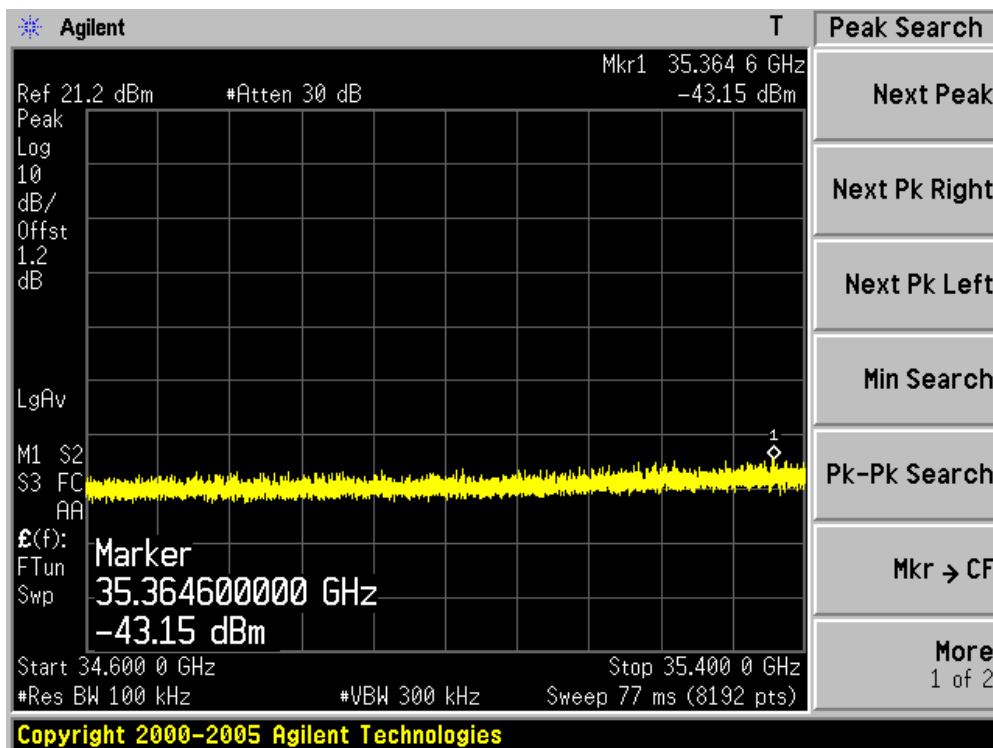
Channel 157 (5785MHz)-11



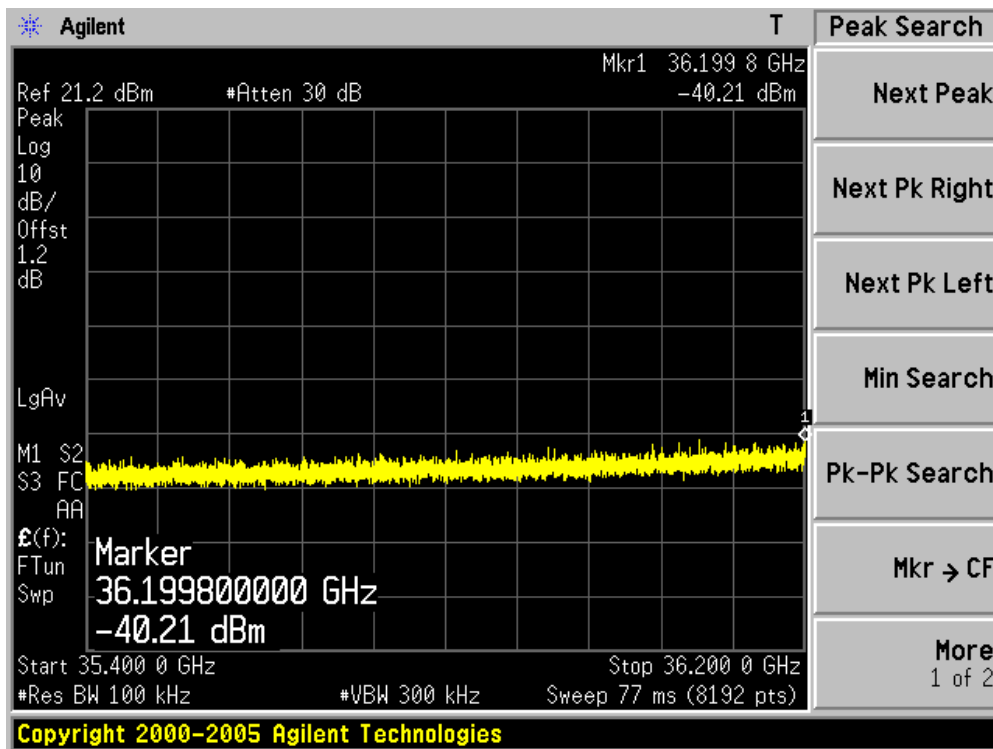
Channel 157 (5785MHz)-12



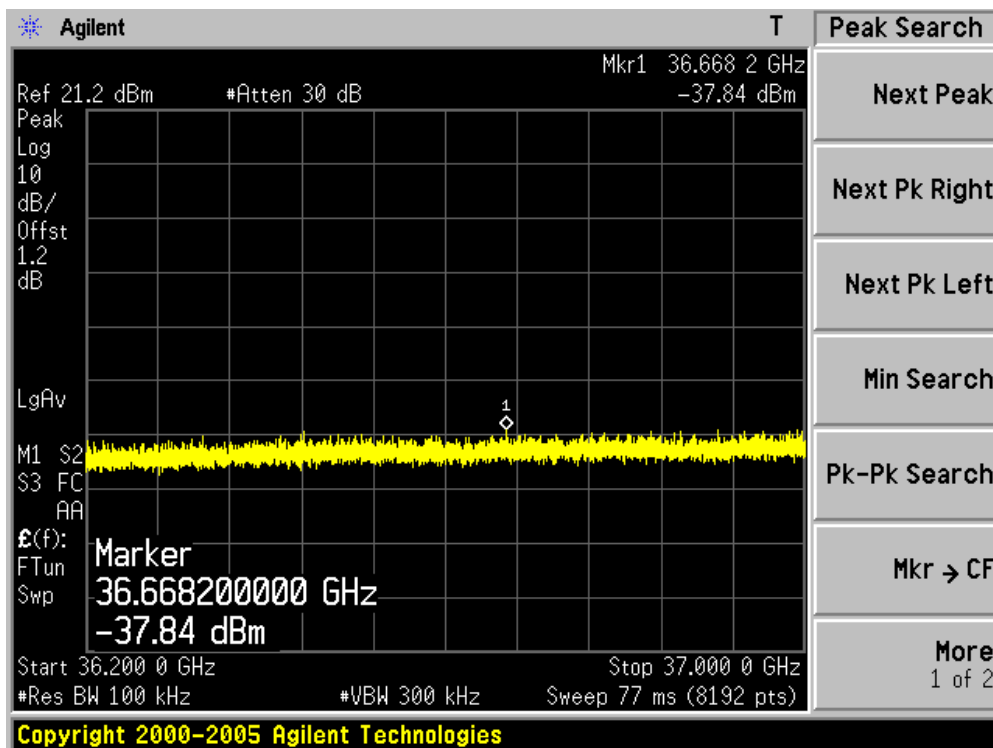
Channel 157 (5785MHz)-13



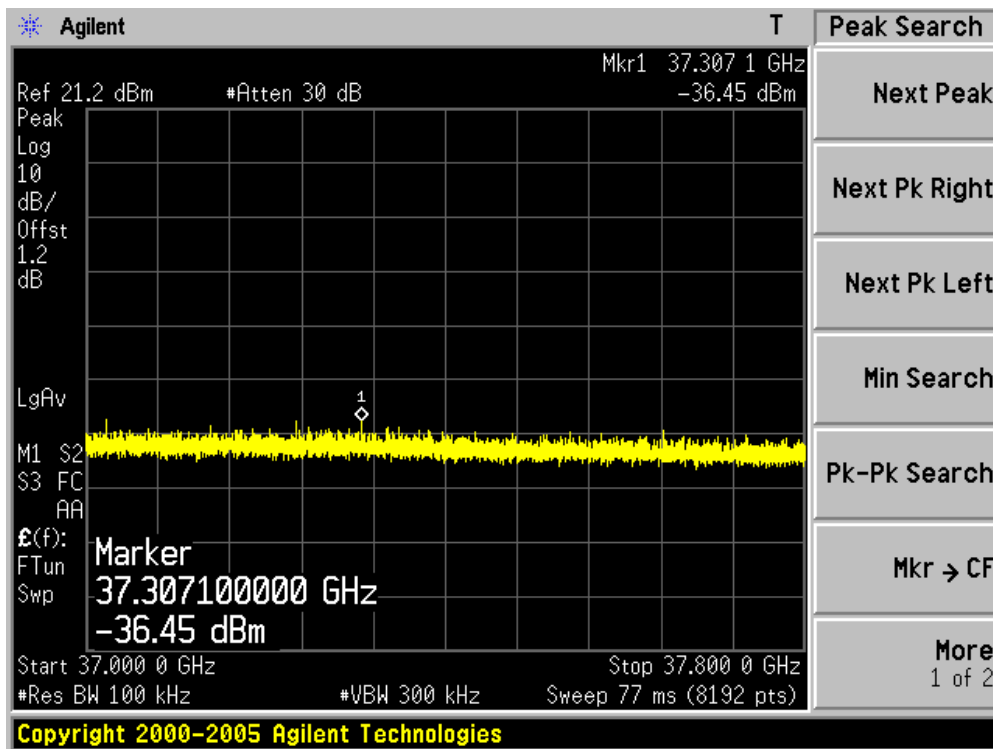
Channel 157 (5785MHz)-14



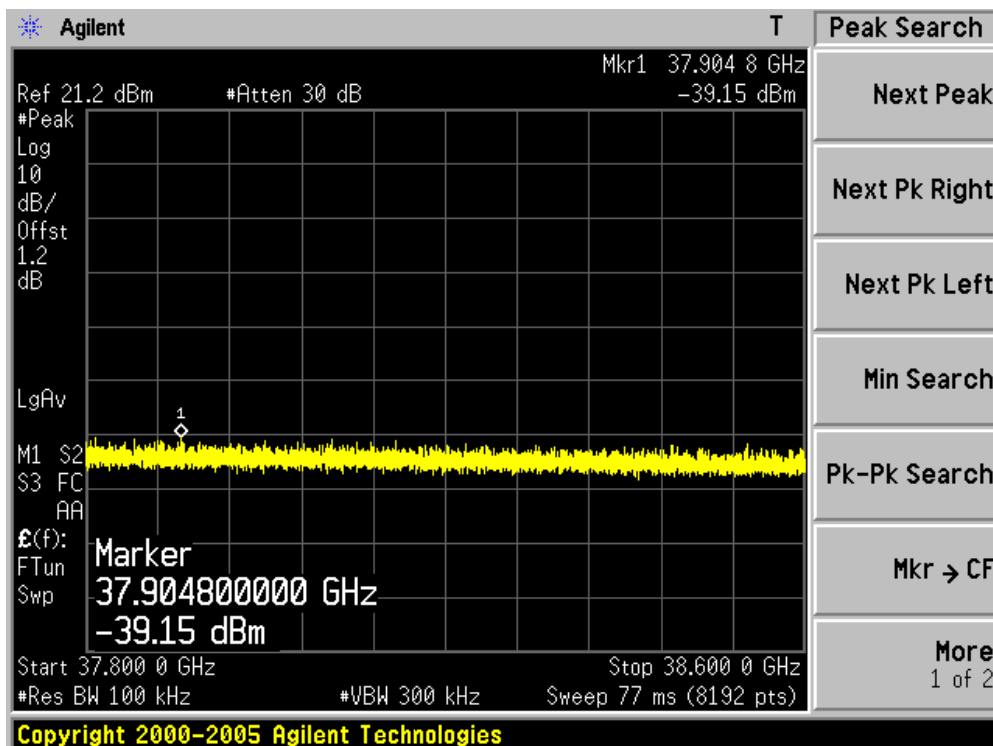
Channel 157 (5785MHz)-15



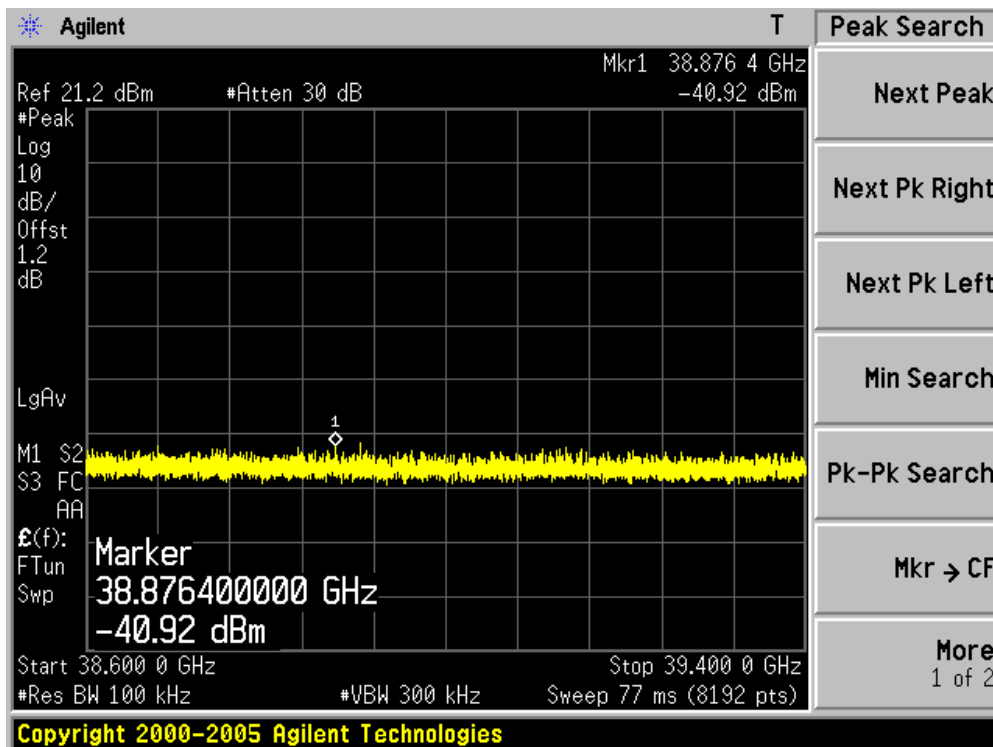
Channel 157 (5785MHz)-16



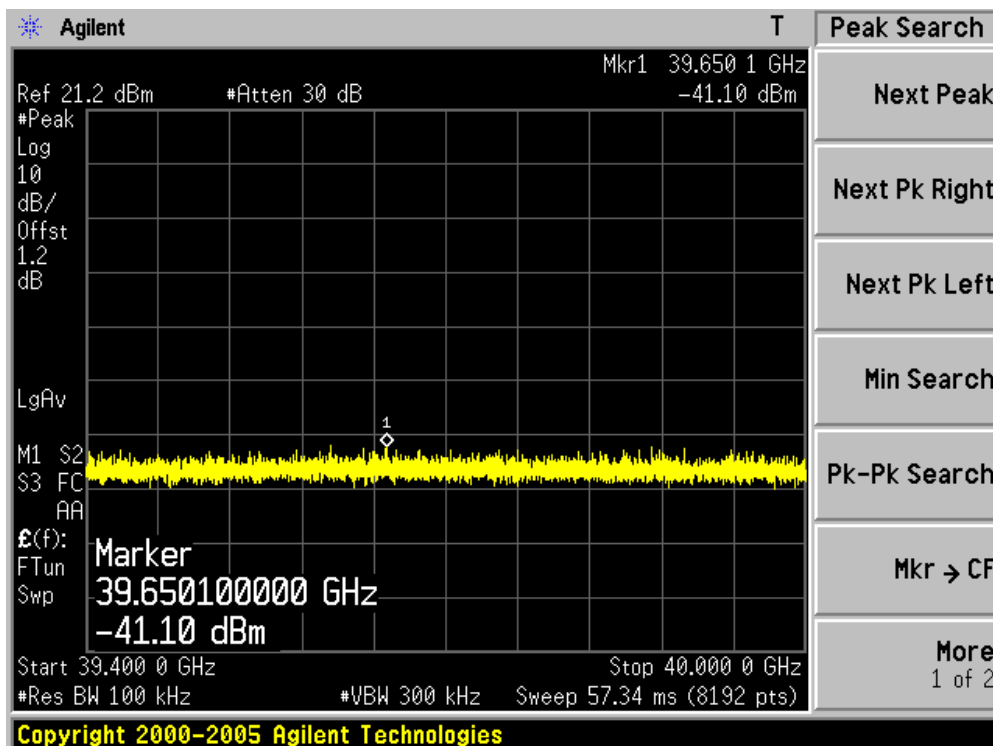
Channel 157 (5785MHz)-17



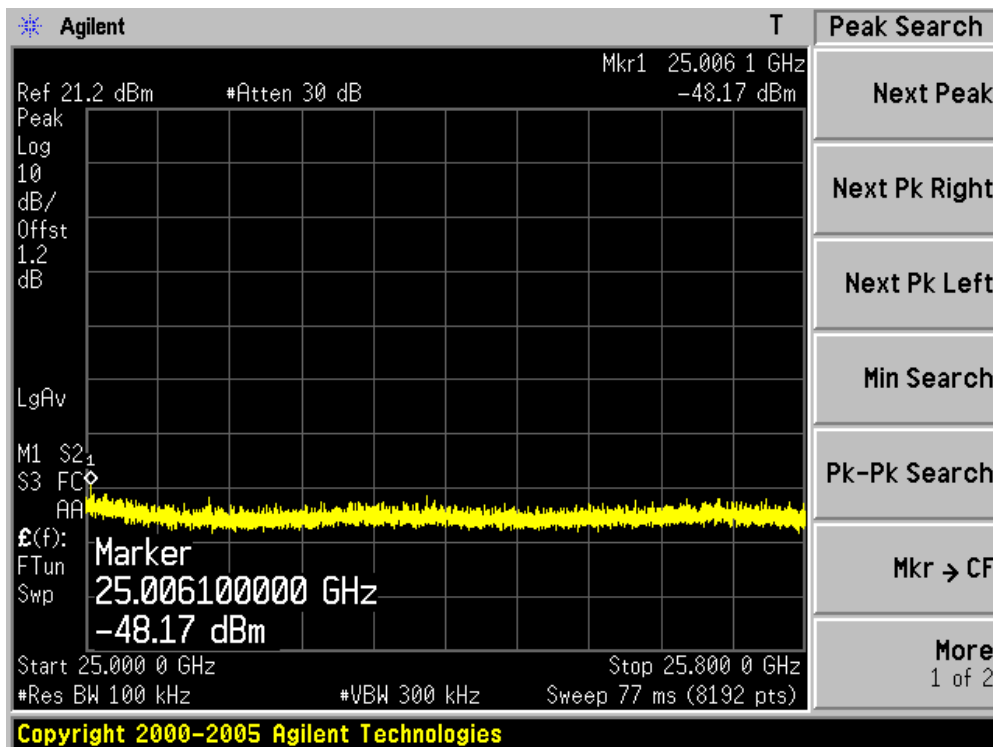
Channel 157 (5785MHz)-18



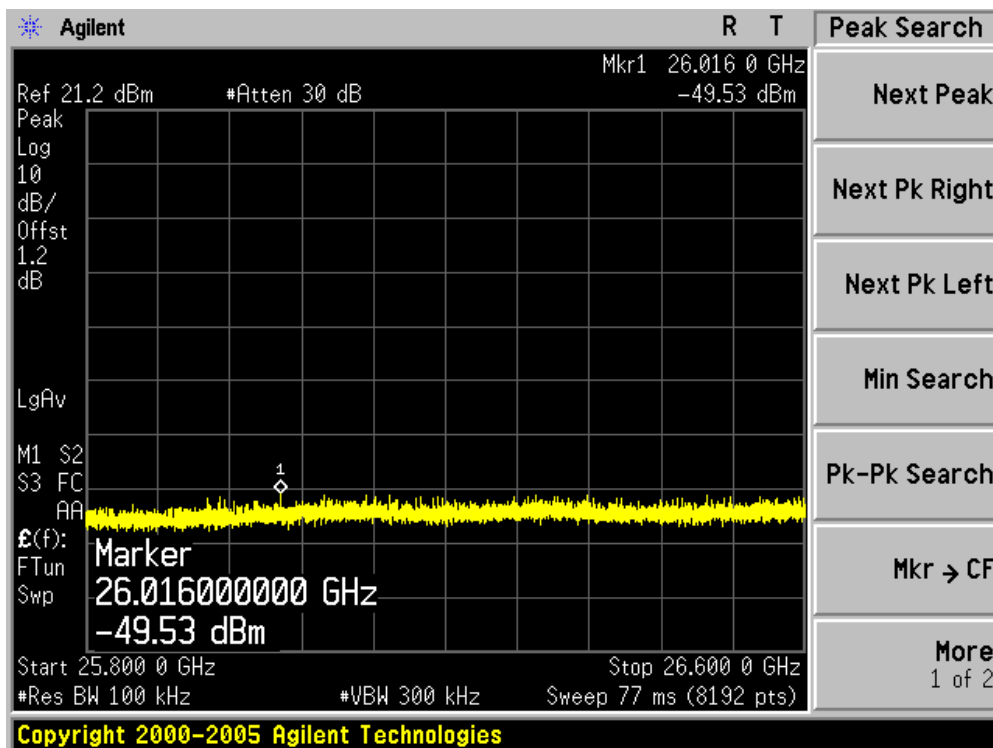
Channel 157 (5785MHz)-19



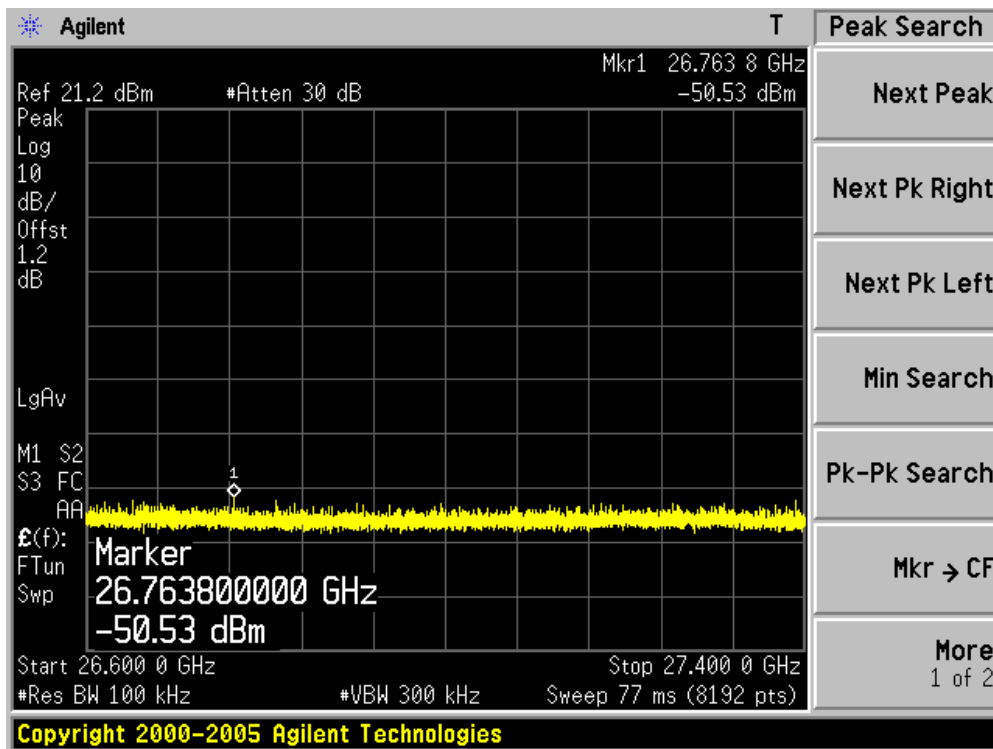
Channel 165 (5825MHz)-1



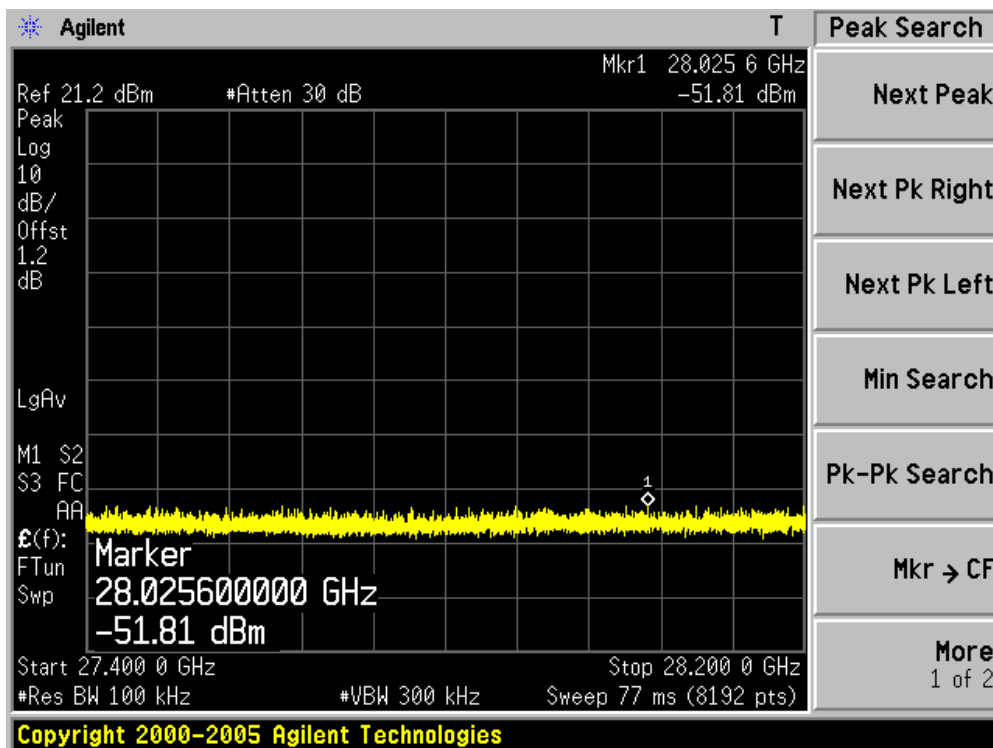
### Channel 165 (5825MHz)-2



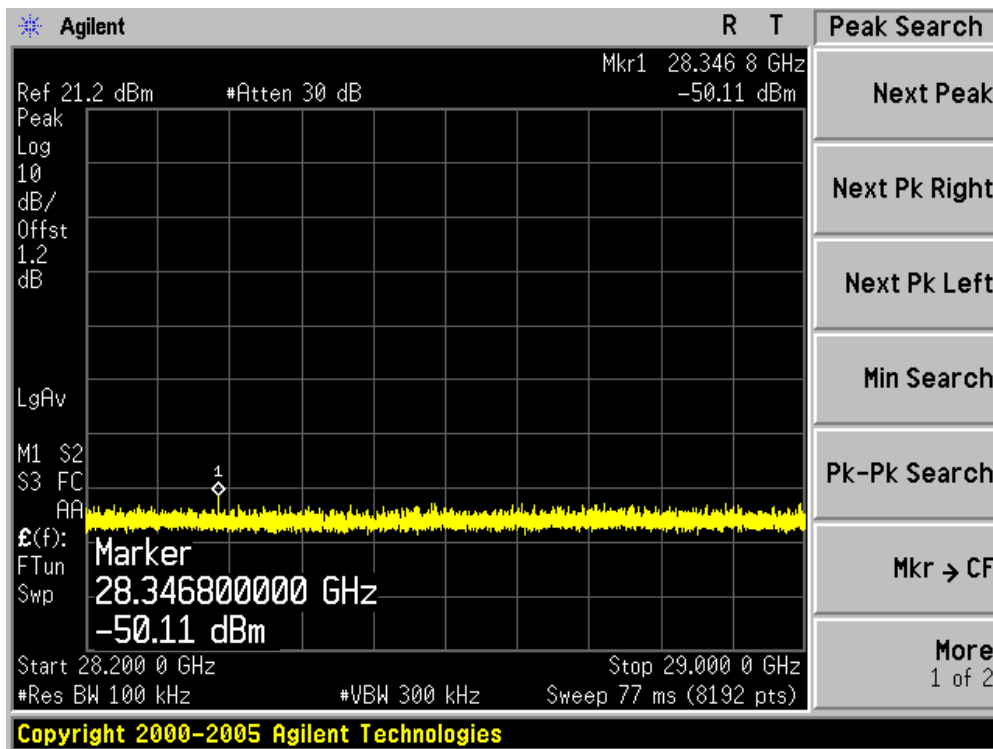
### Channel 165 (5825MHz)-3



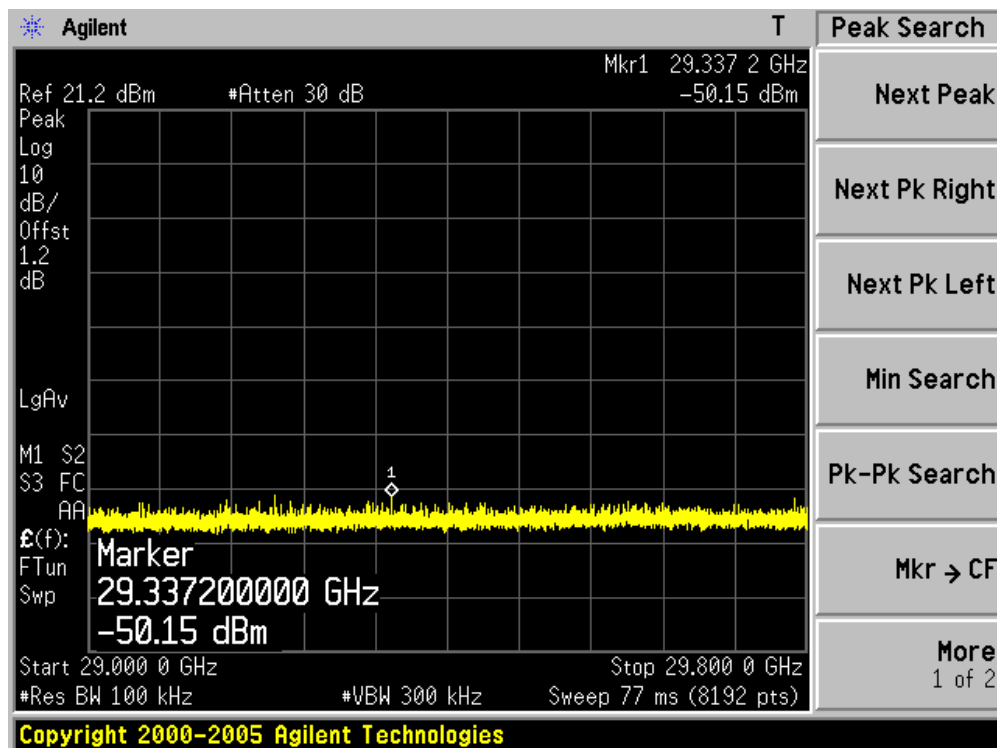
Channel 165 (5825MHz)-4



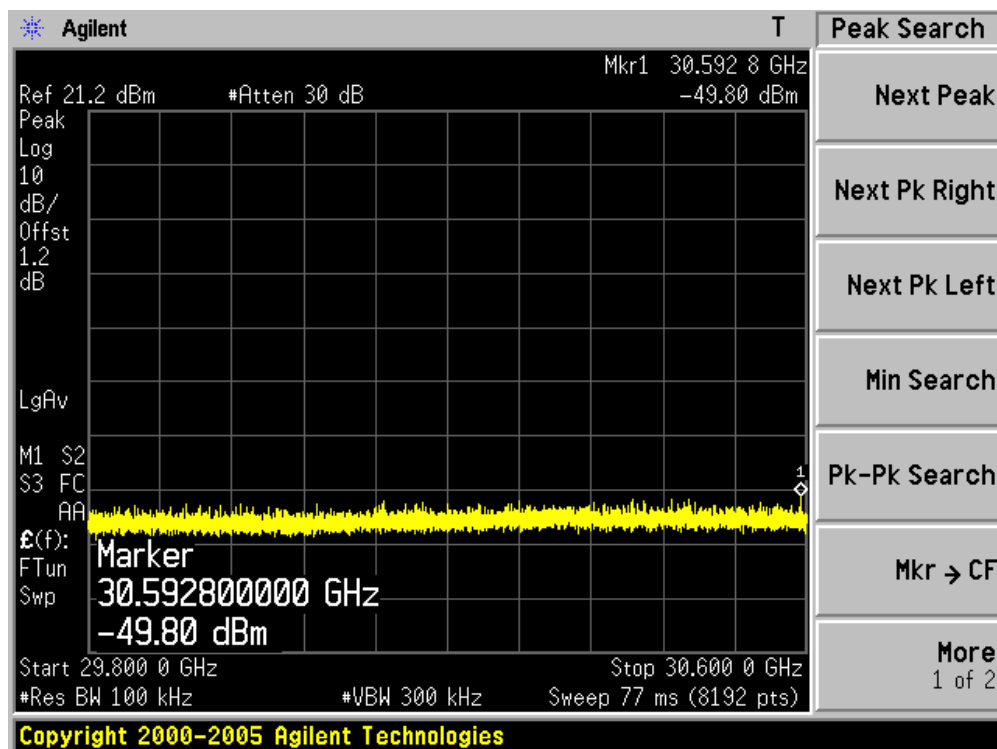
Channel 165 (5825MHz)-5



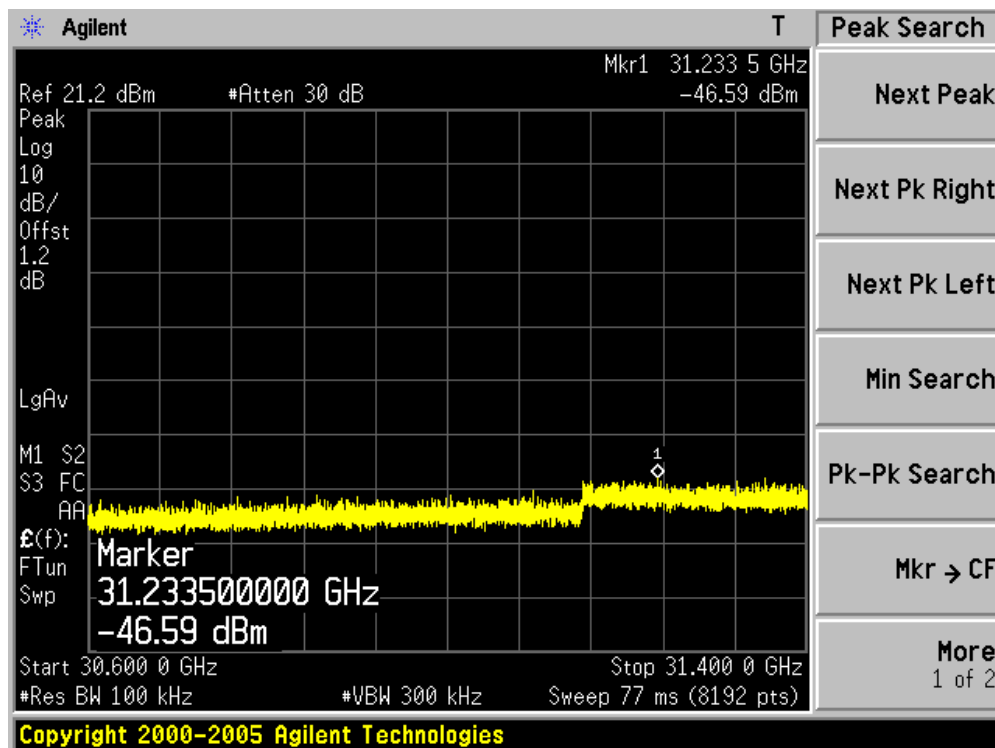
### Channel 165 (5825MHz)-6



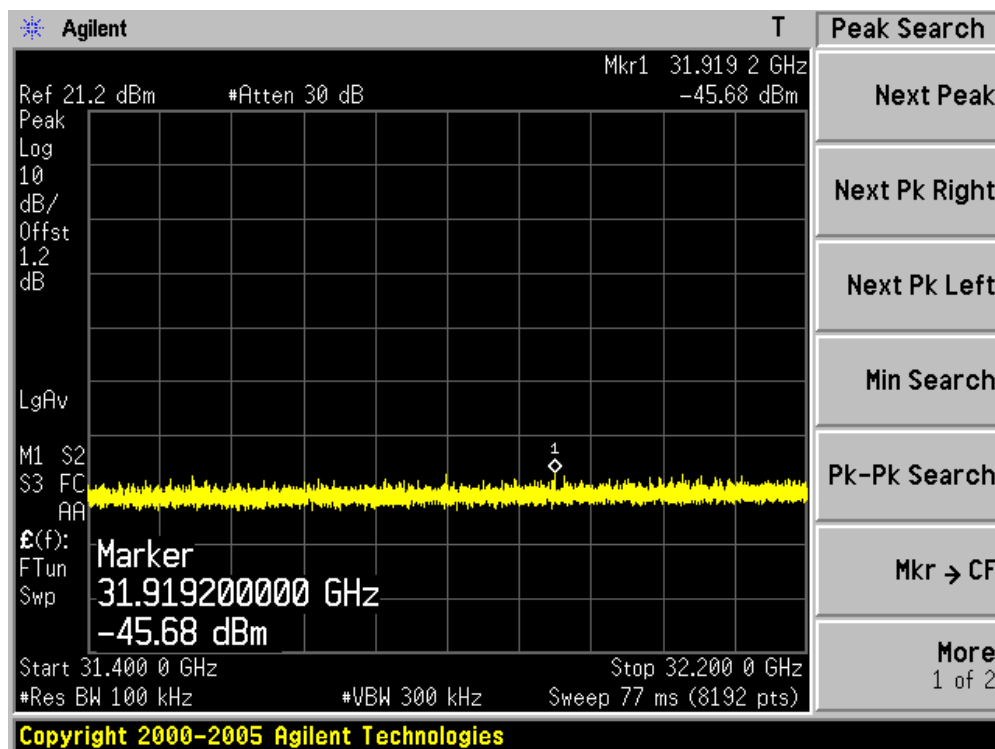
### Channel 165 (5825MHz)-7



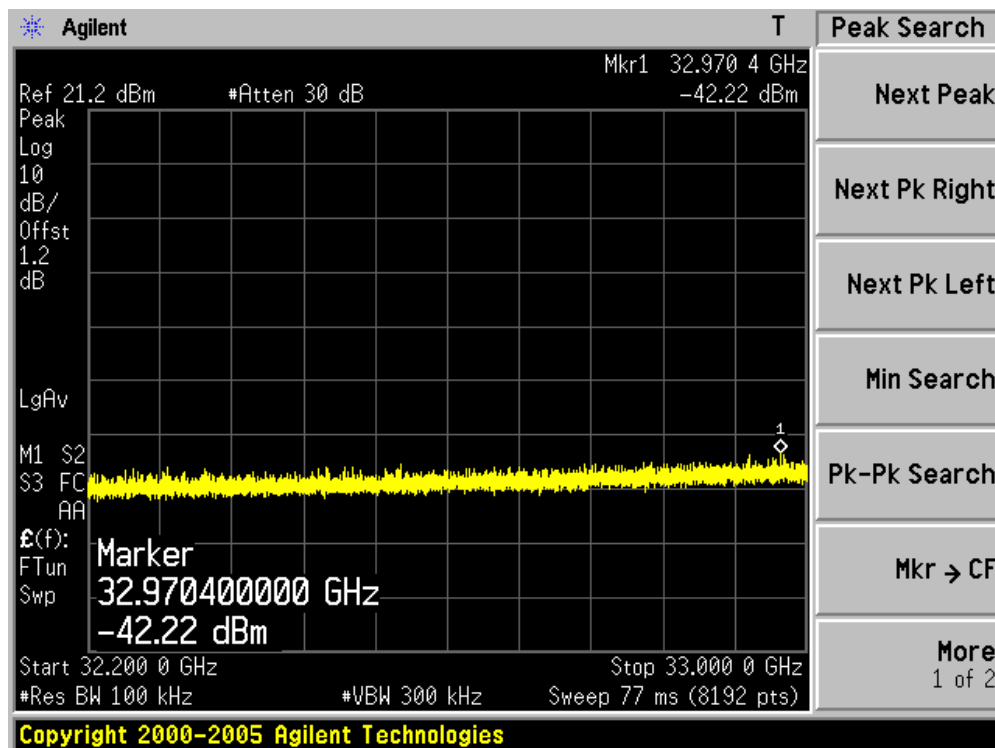
Channel 165 (5825MHz)-8



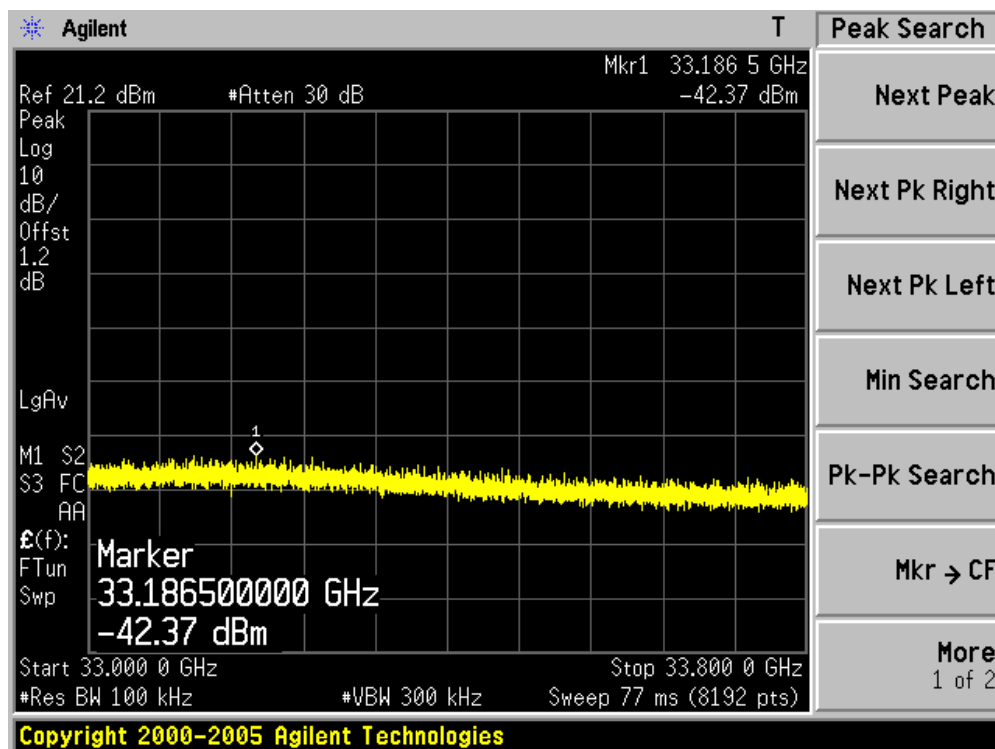
Channel 165 (5825MHz)-9



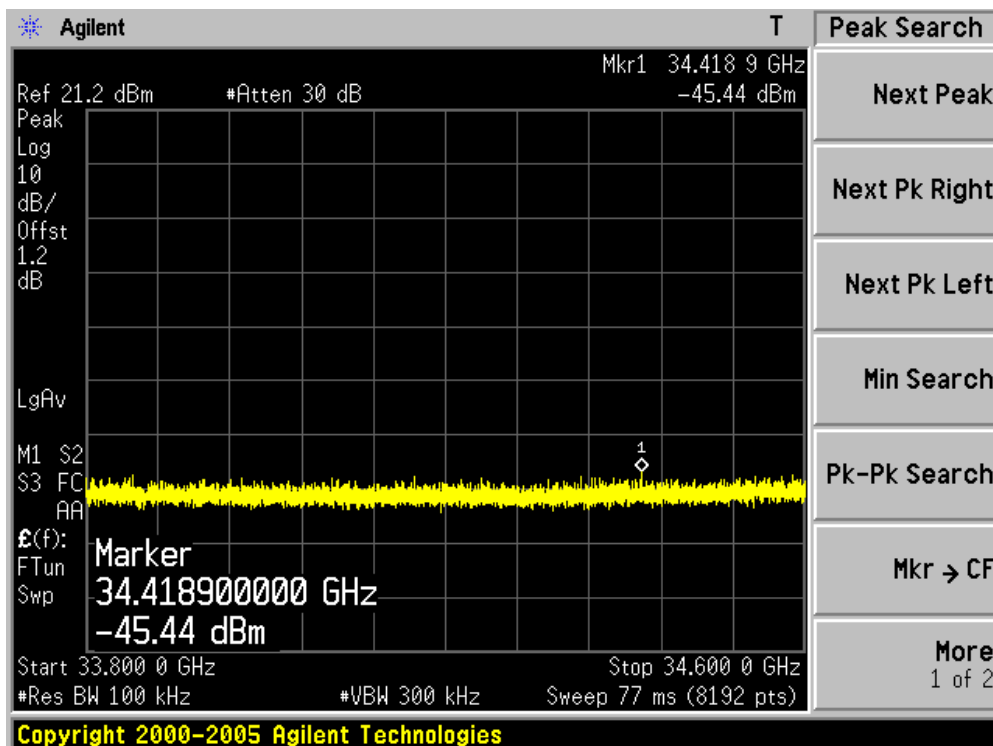
Channel 165 (5825MHz)-10



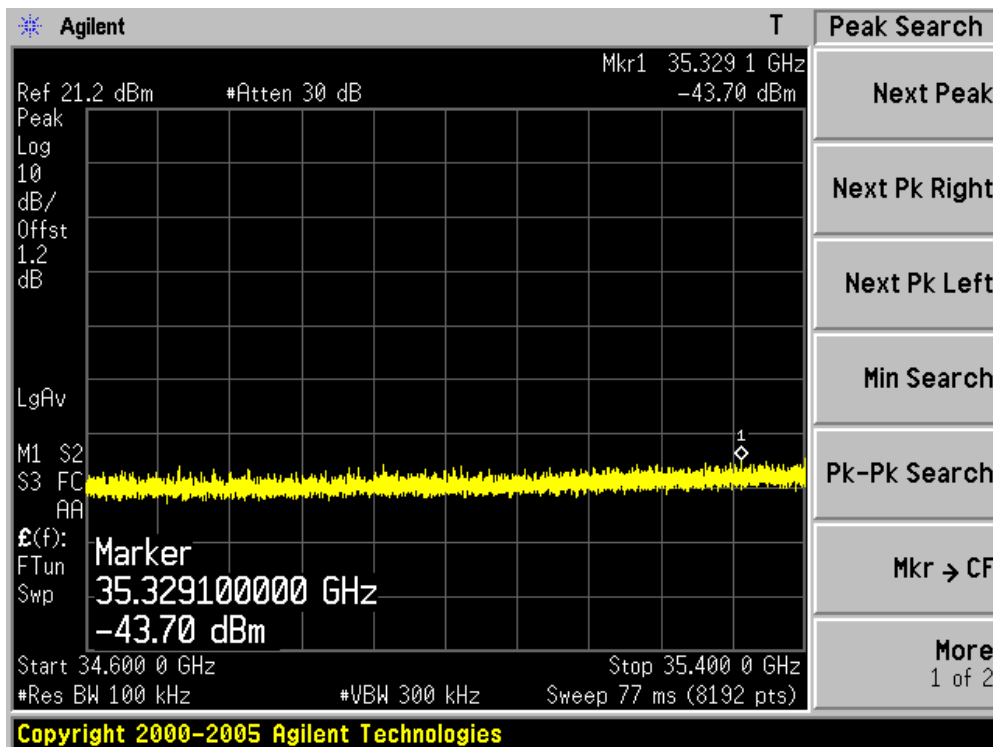
Channel 165 (5825MHz)-11



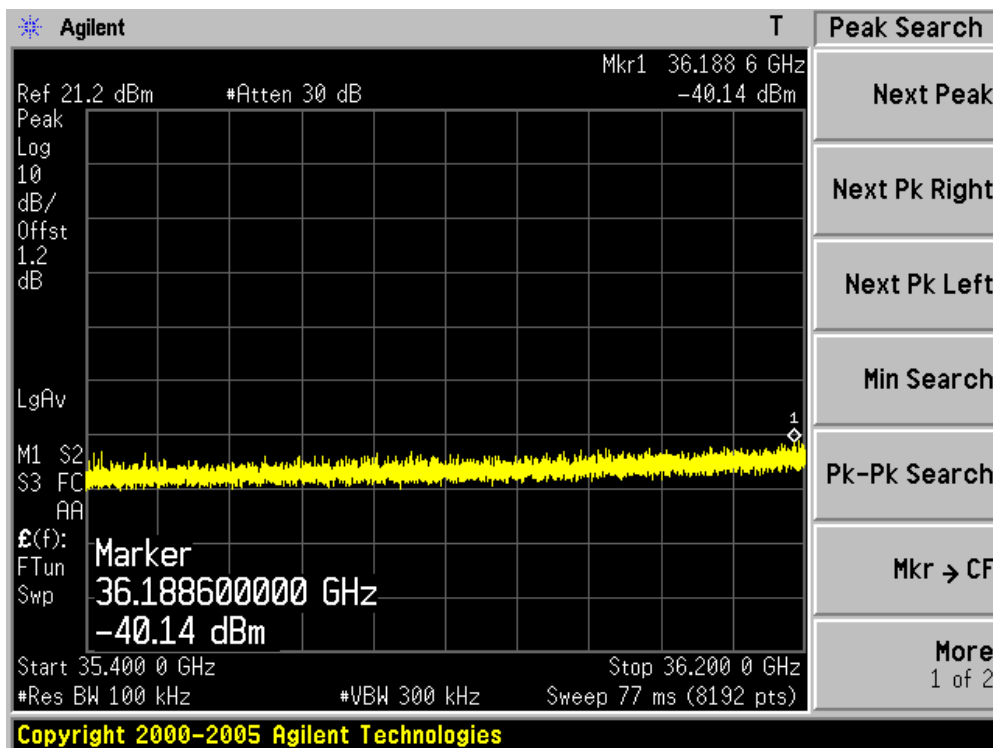
Channel 165 (5825MHz)-12



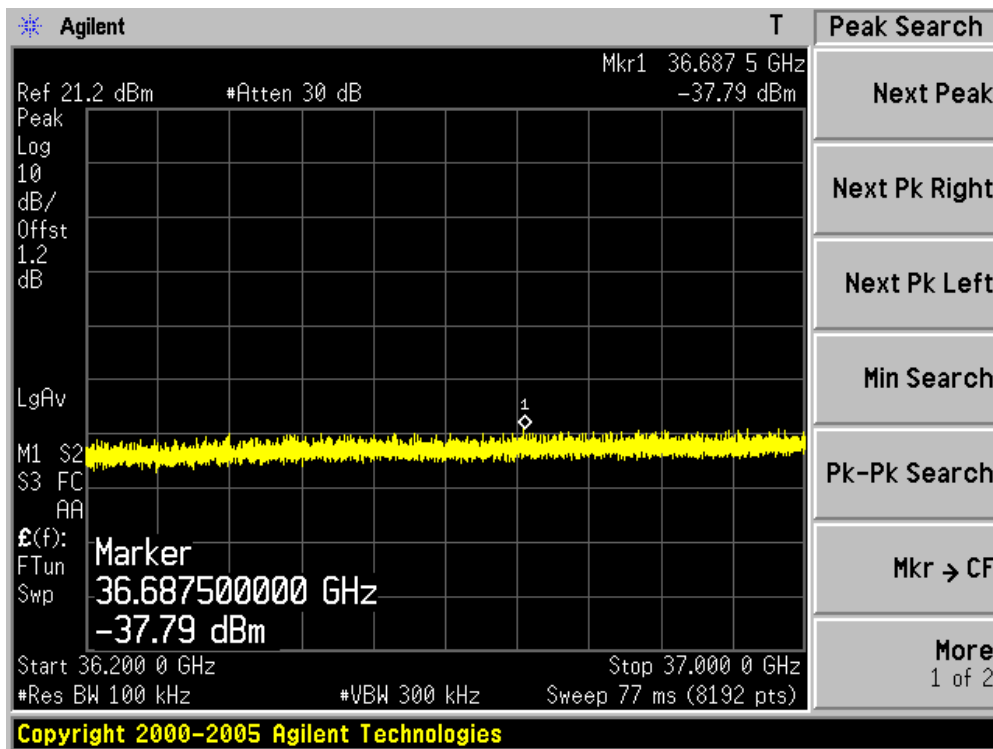
Channel 165 (5825MHz)-13



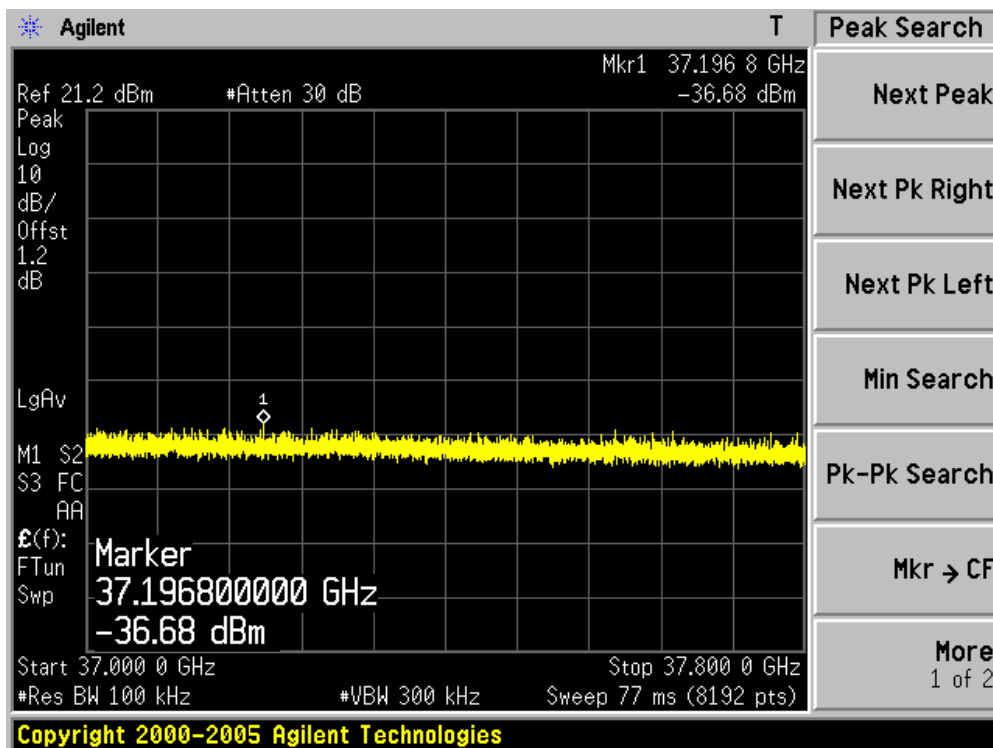
Channel 165 (5825MHz)-14



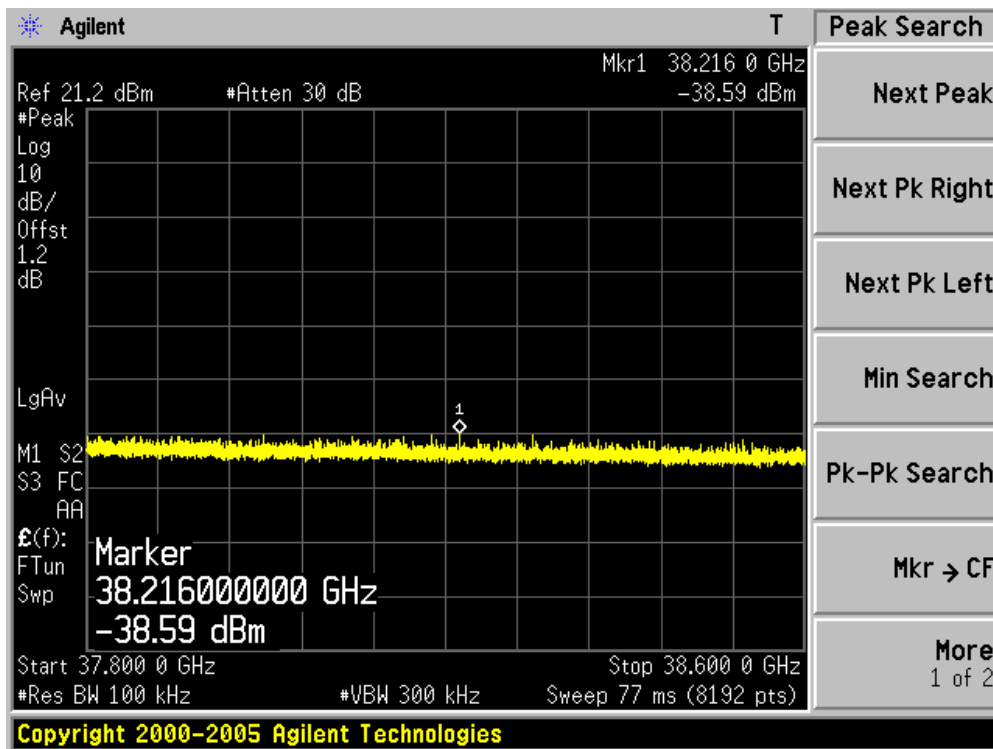
Channel 165 (5825MHz)-15



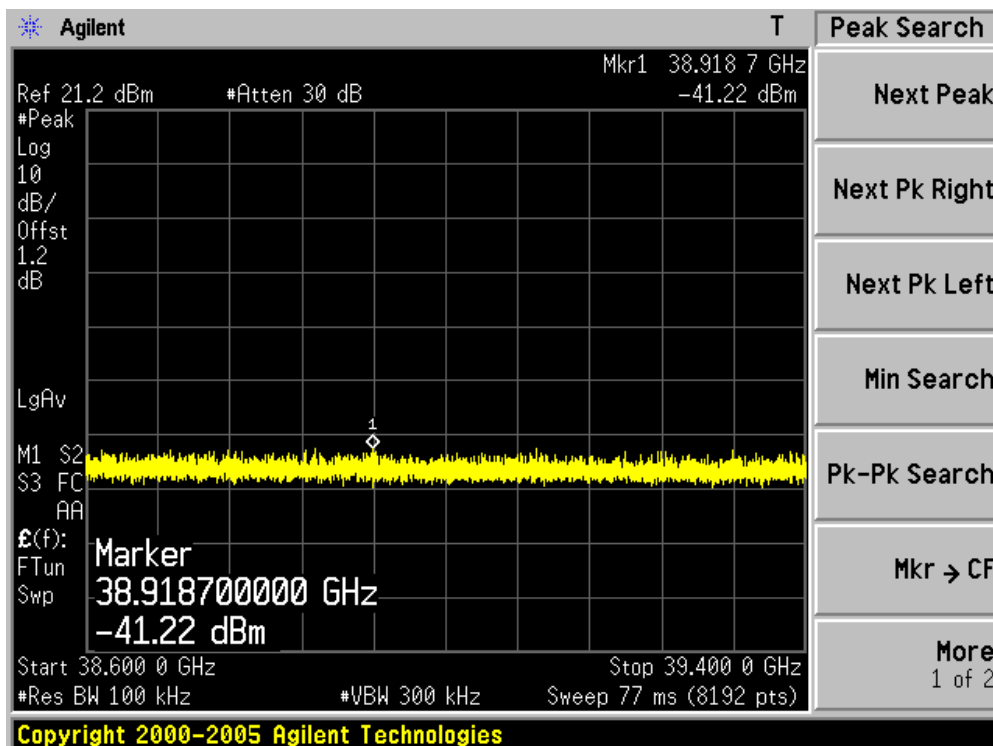
Channel 165 (5825MHz)-16



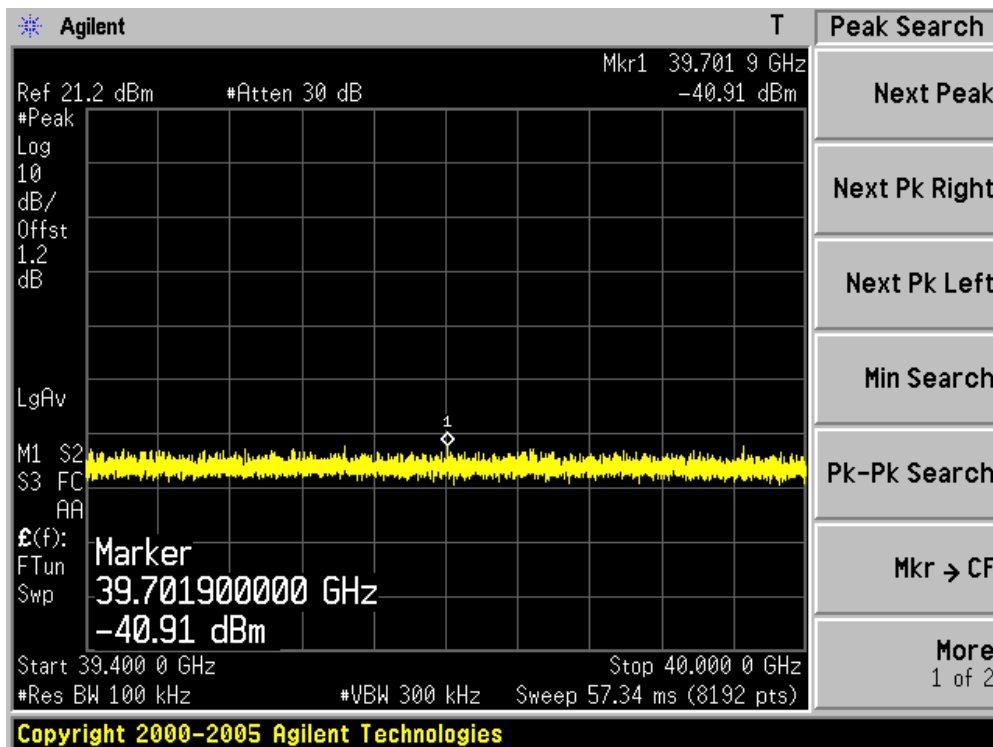
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

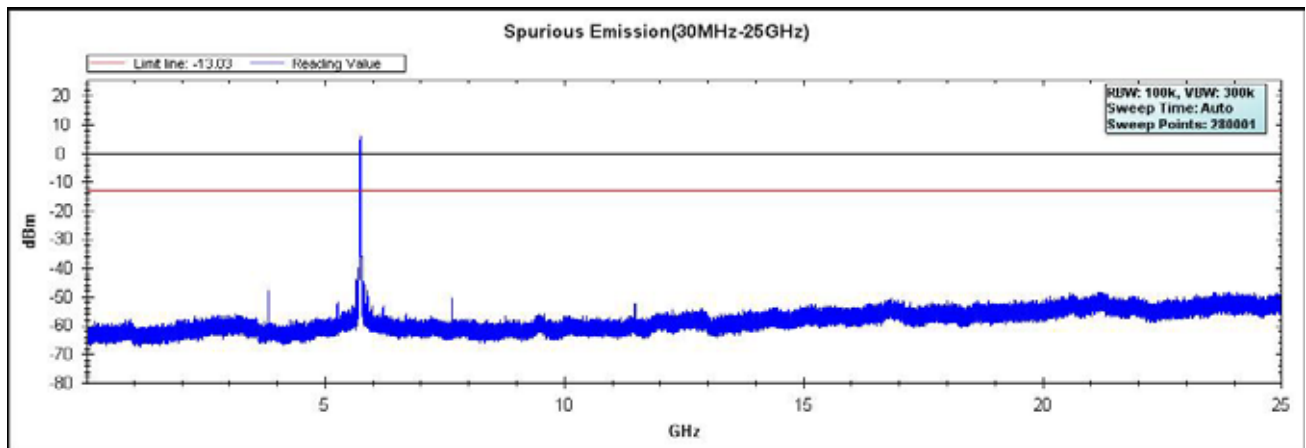


Channel 165 (5825MHz)-19

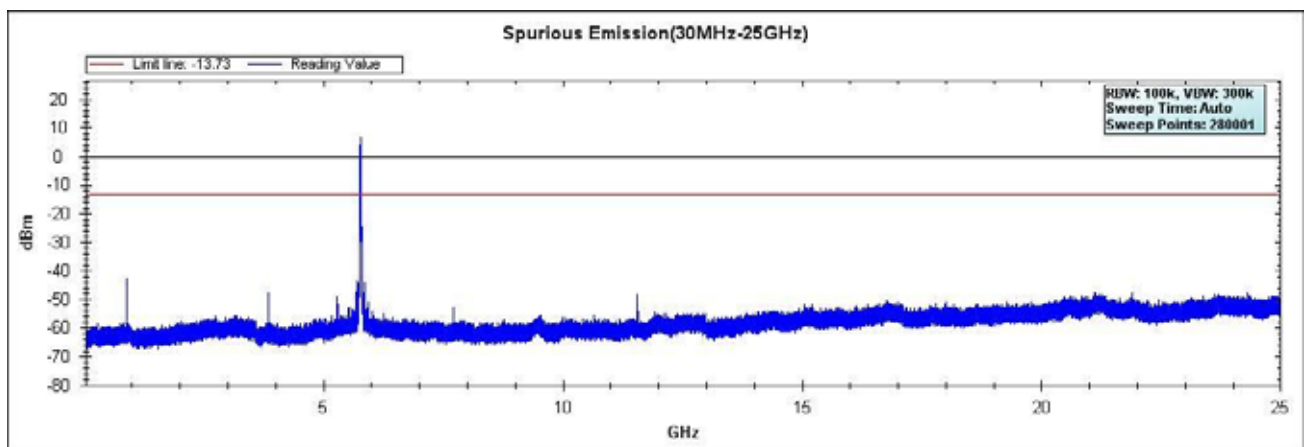


|           |   |                                             |
|-----------|---|---------------------------------------------|
| Product   | : | Mi Wi-Fi                                    |
| Test Item | : | RF Antenna Conducted Spurious               |
| Test Site | : | TR-8                                        |
| Test Mode | : | Mode 5: Transmit by 802.11ac(20MHz) (Ant 1) |

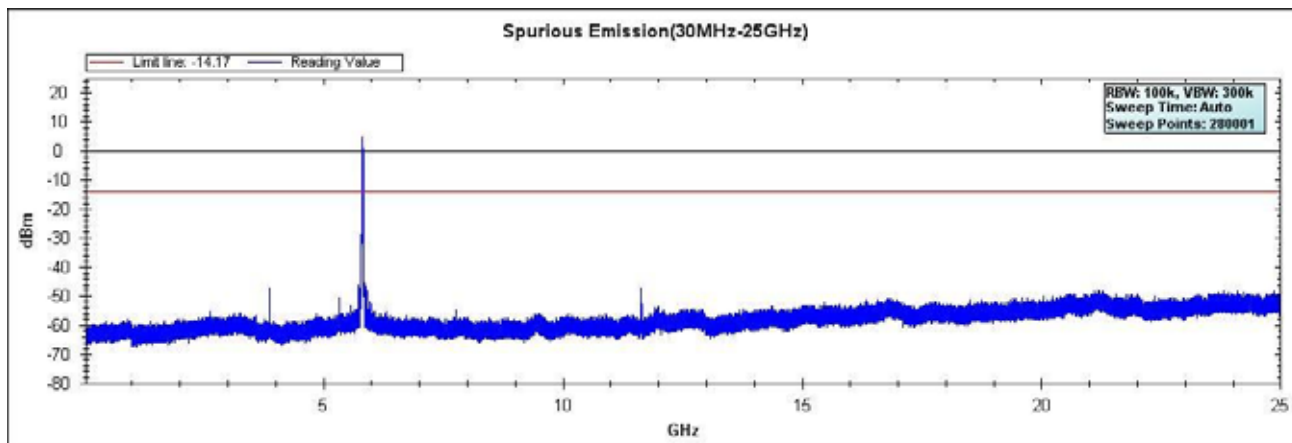
## Channel 149 (5745MHz)



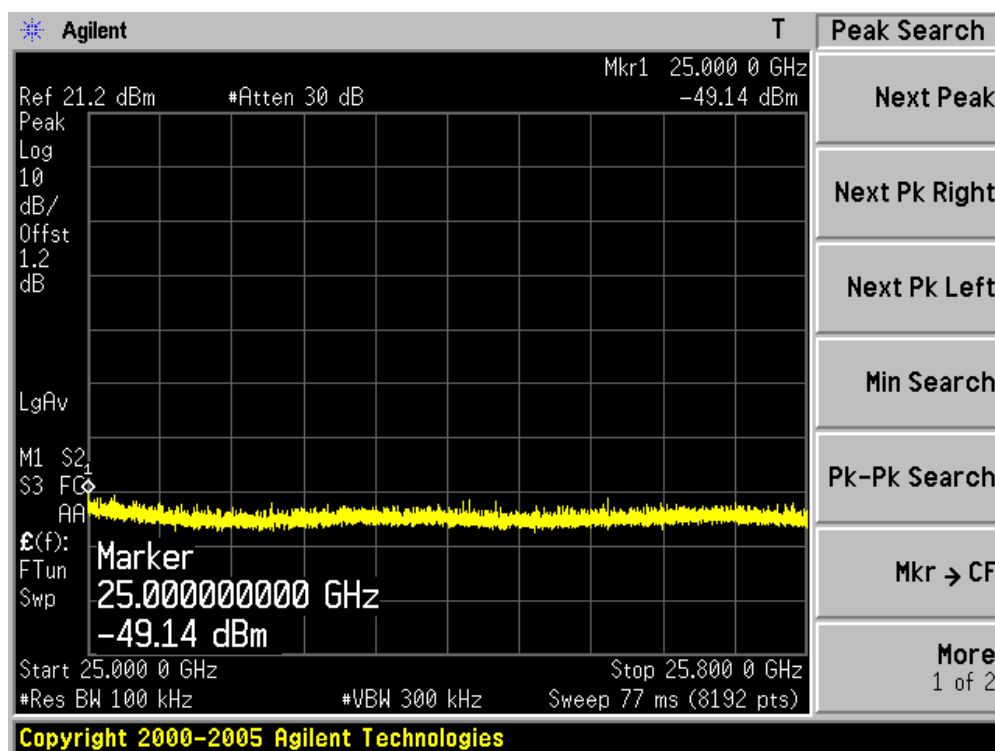
## Channel 157 (5785MHz)



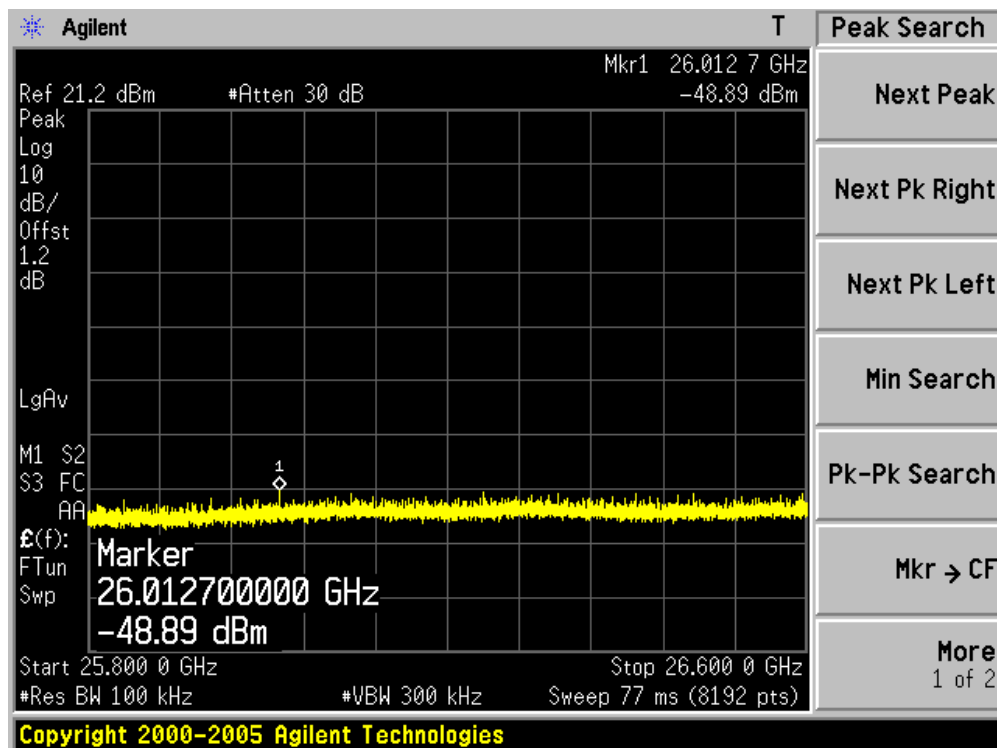
### Channel 165 (5825MHz)



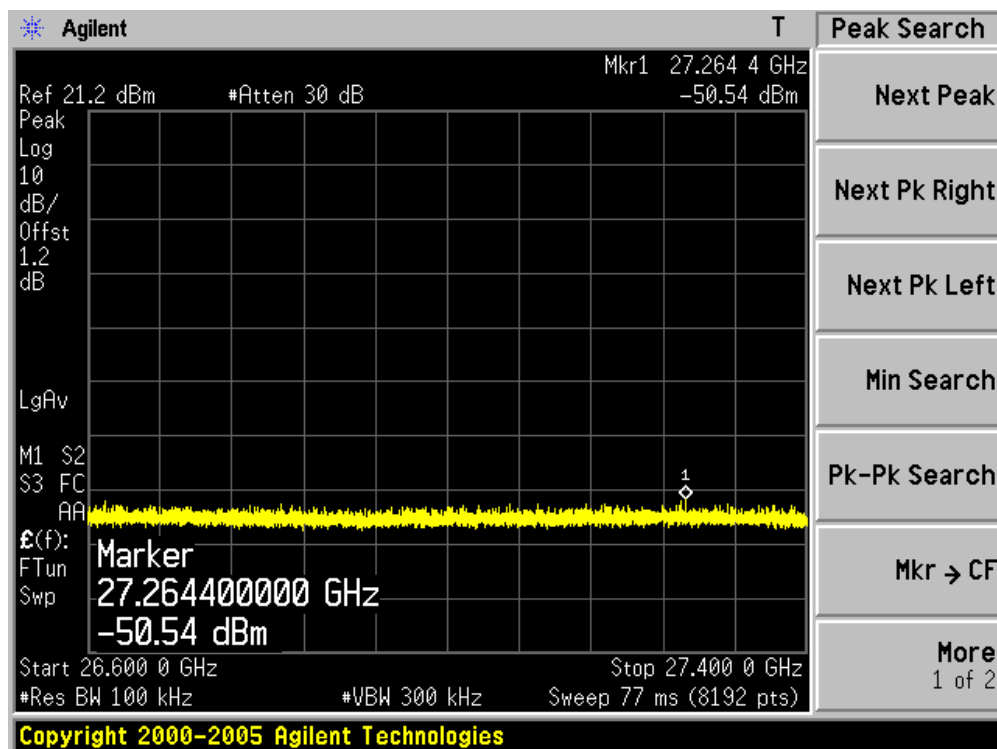
### Channel 149 (5745MHz)-1



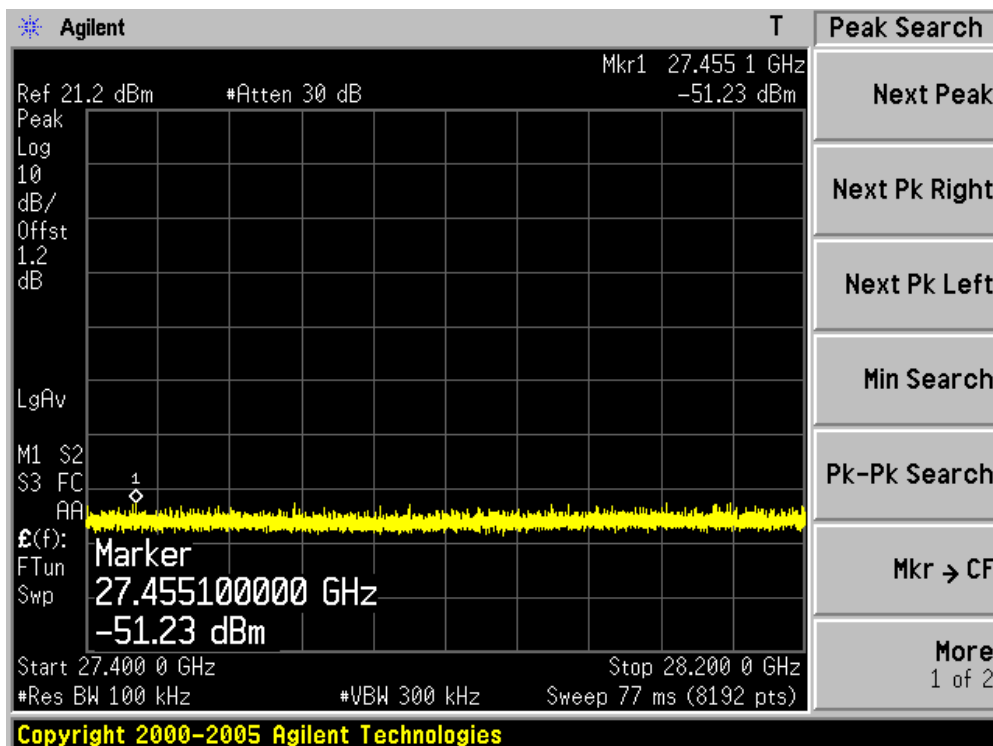
### Channel 149 (5745MHz)-2



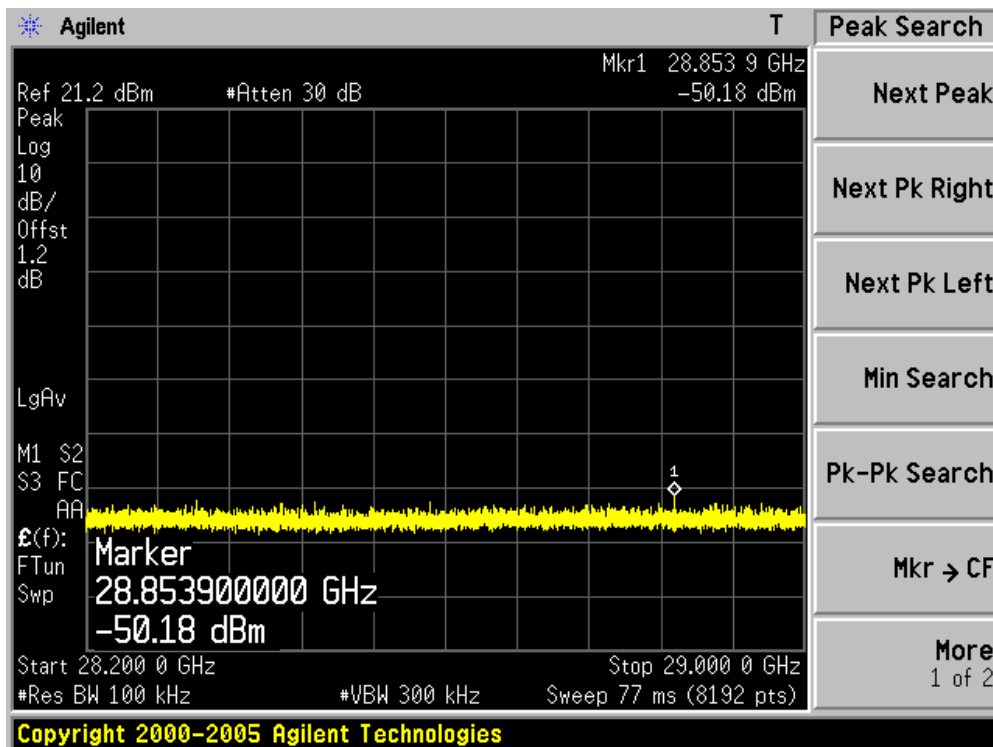
### Channel 149 (5745MHz)-3



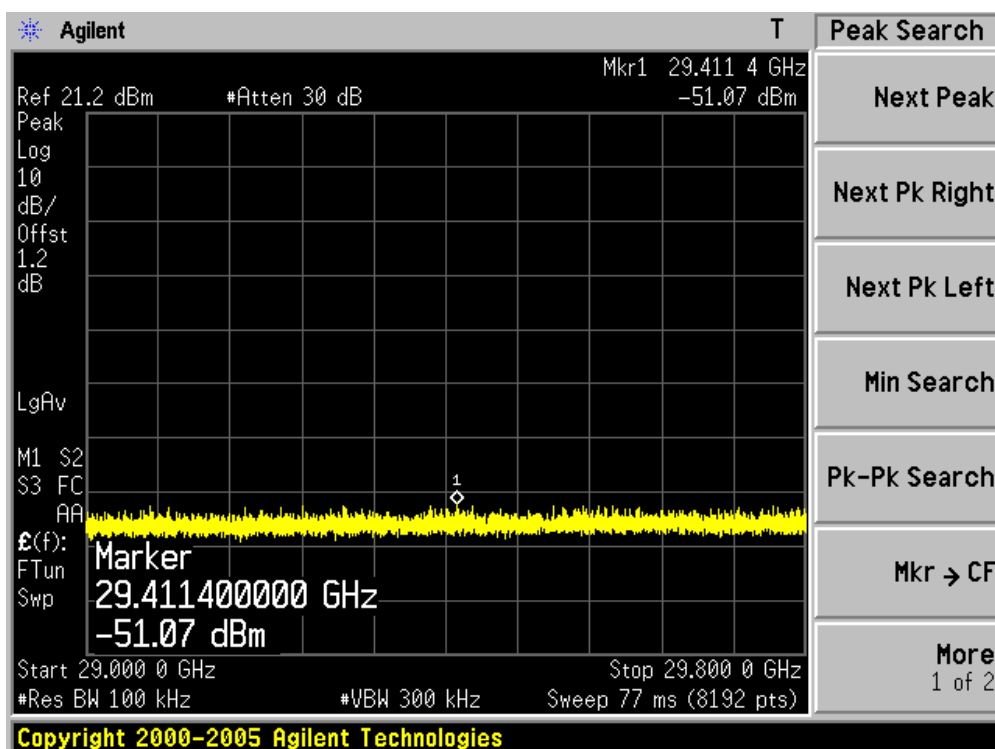
Channel 149 (5745MHz)-4



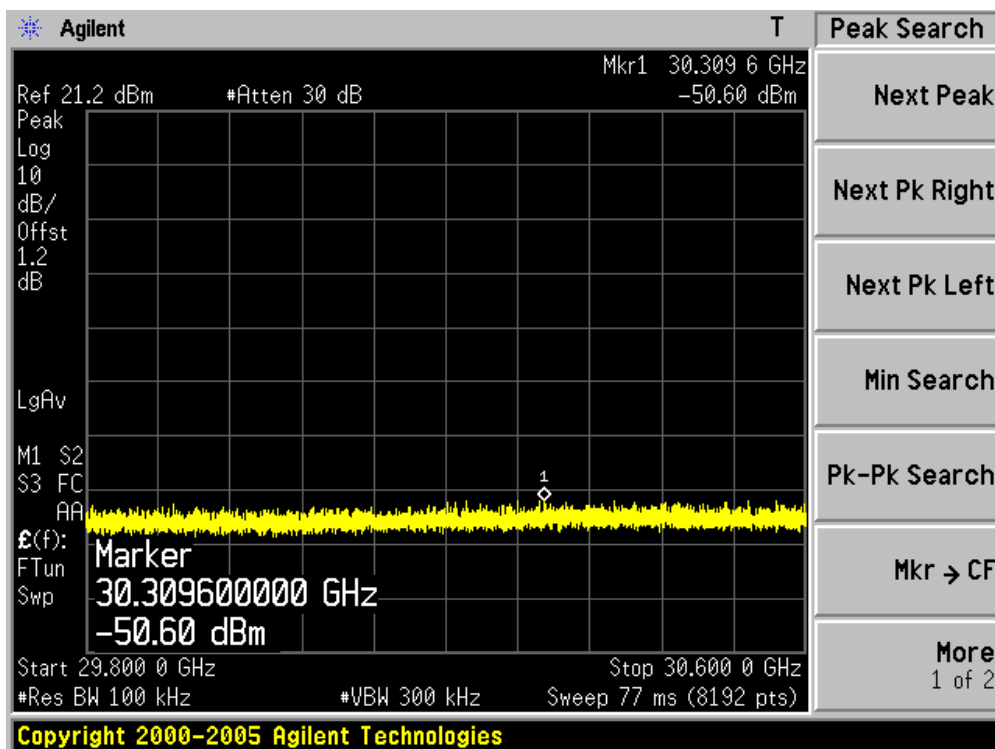
Channel 149 (5745MHz)-5



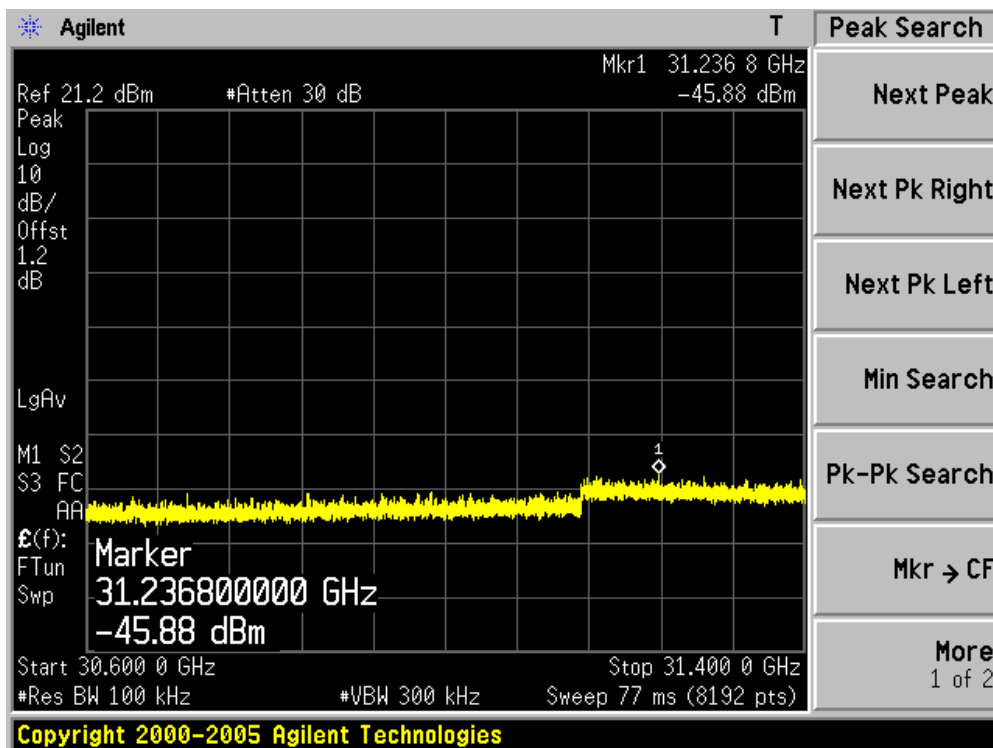
### Channel 149 (5745MHz)-6



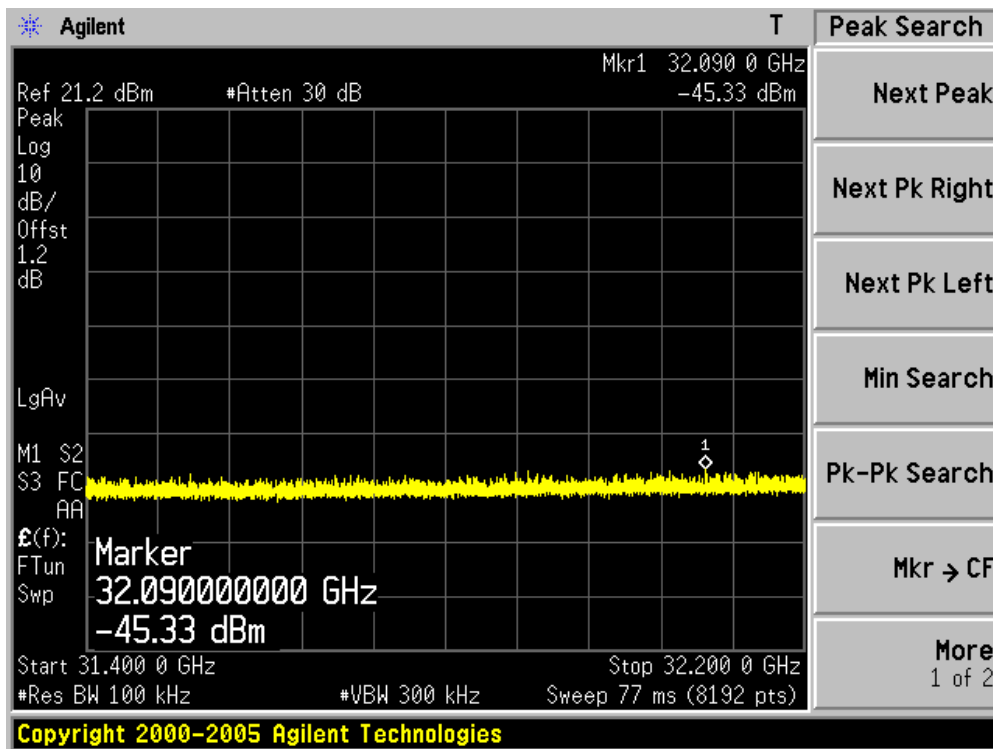
### Channel 149 (5745MHz)-7



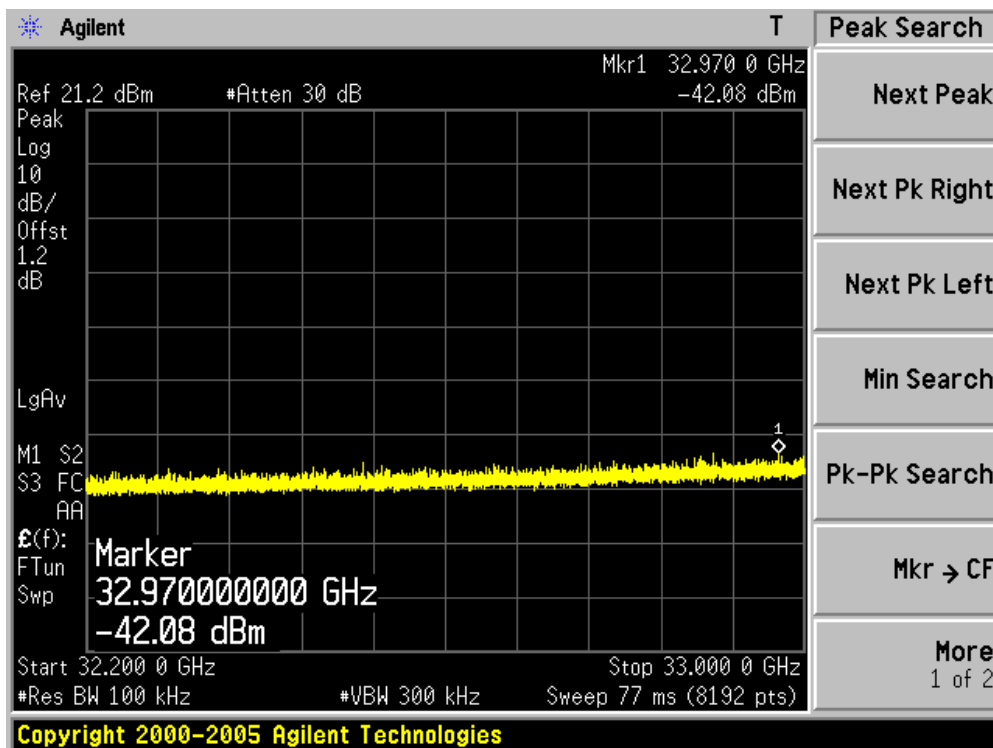
Channel 149 (5745MHz)-8



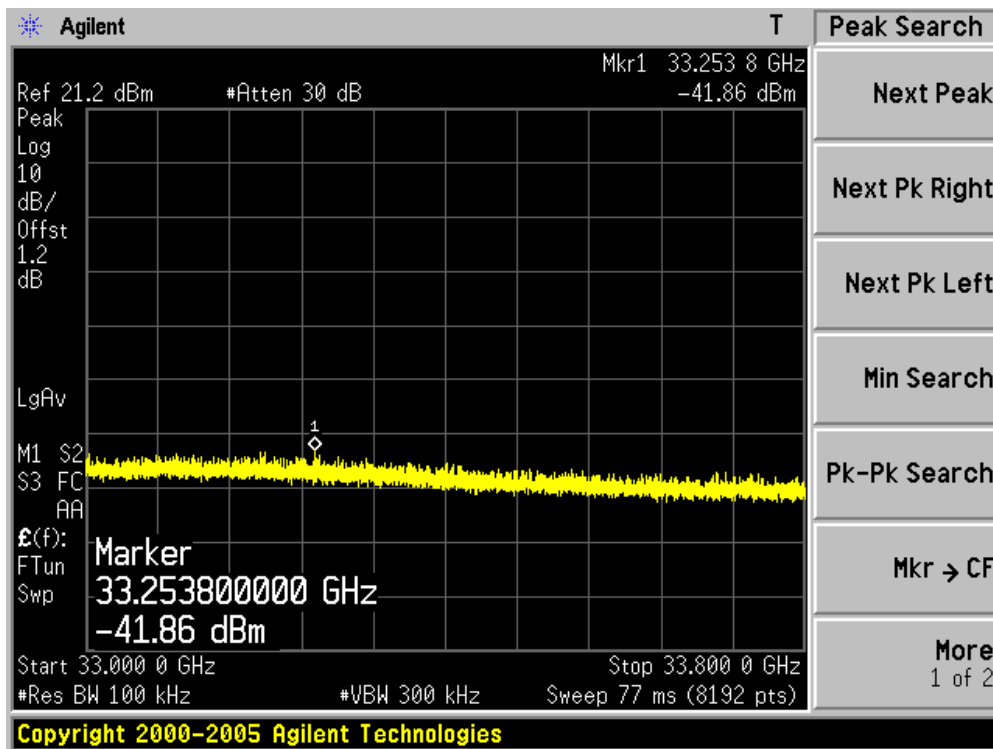
Channel 149 (5745MHz)-9



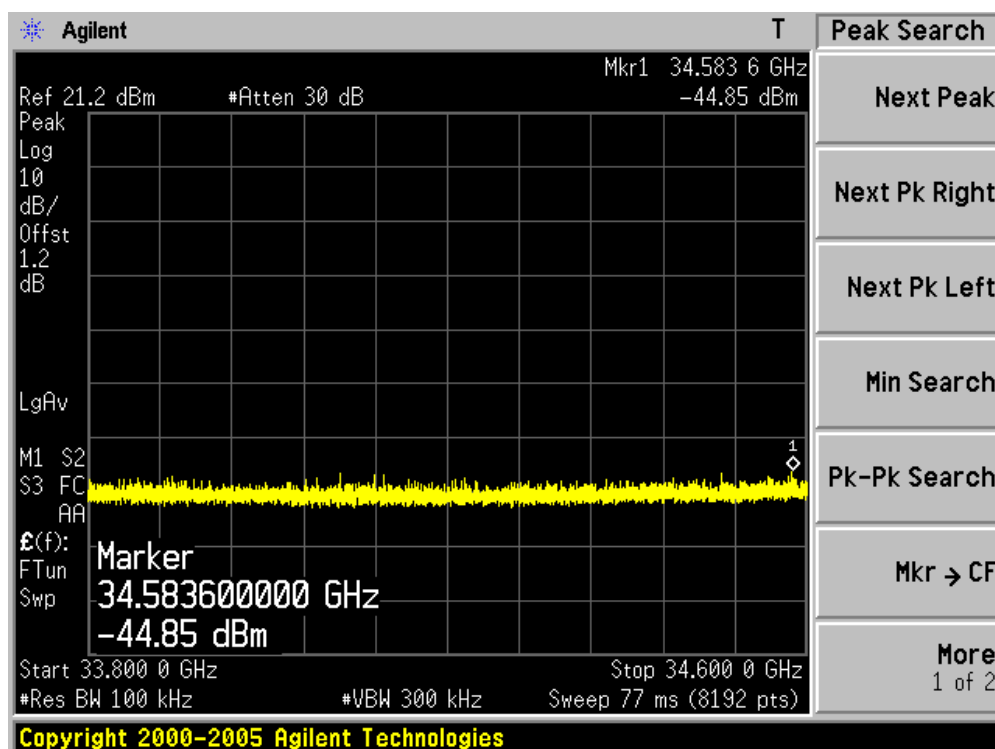
Channel 149 (5745MHz)-10



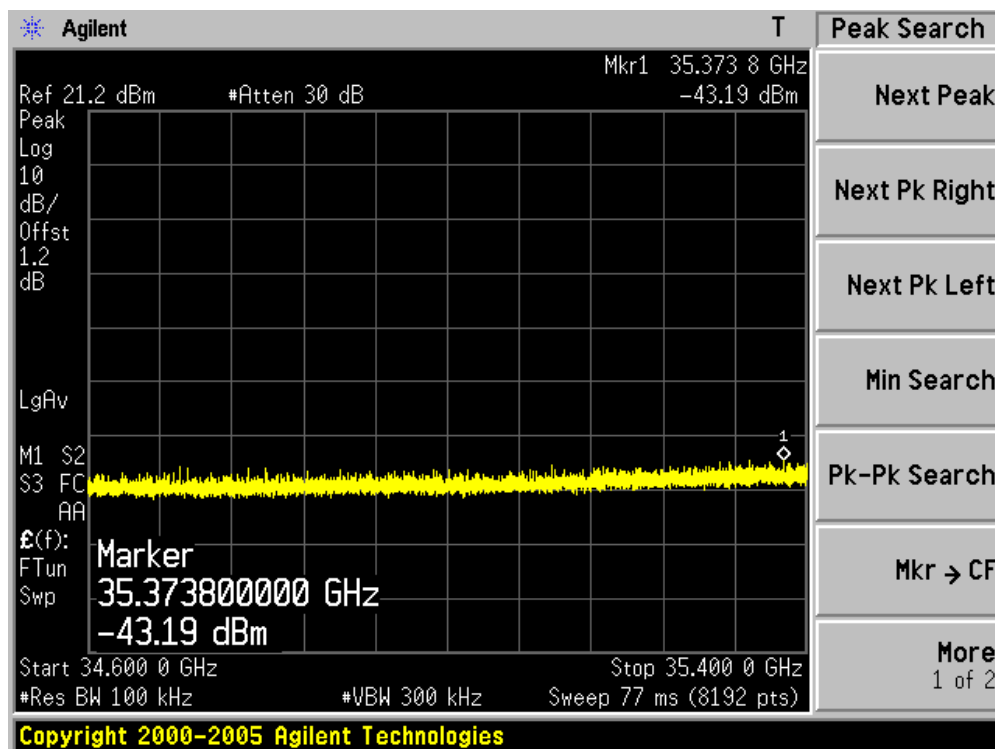
Channel 149 (5745MHz)-11



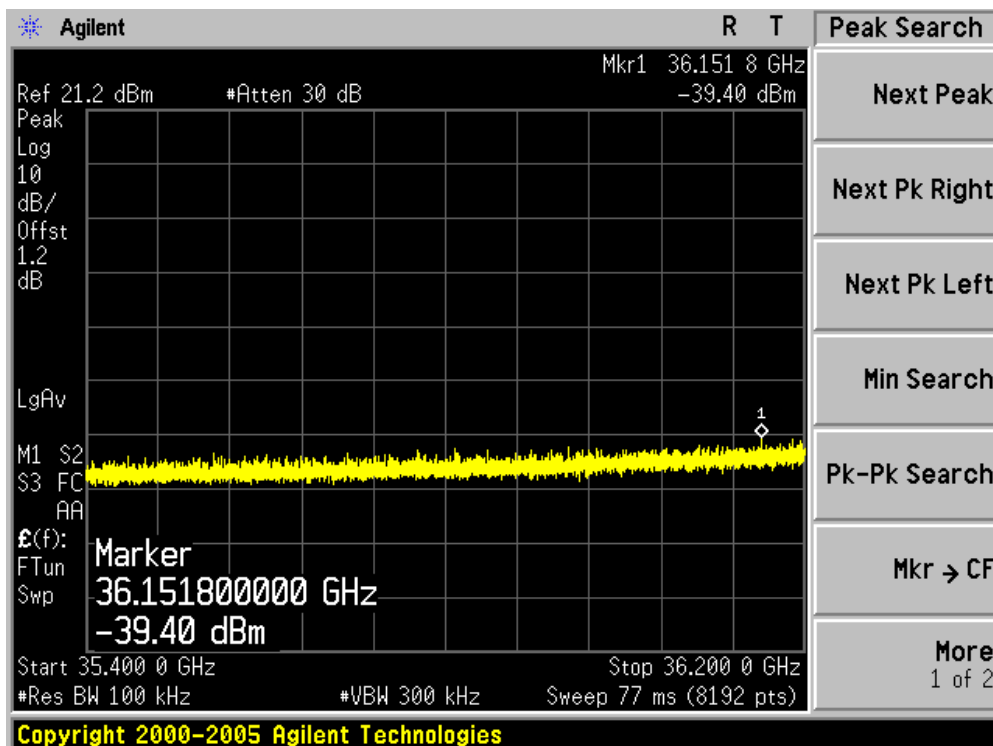
### Channel 149 (5745MHz)-12



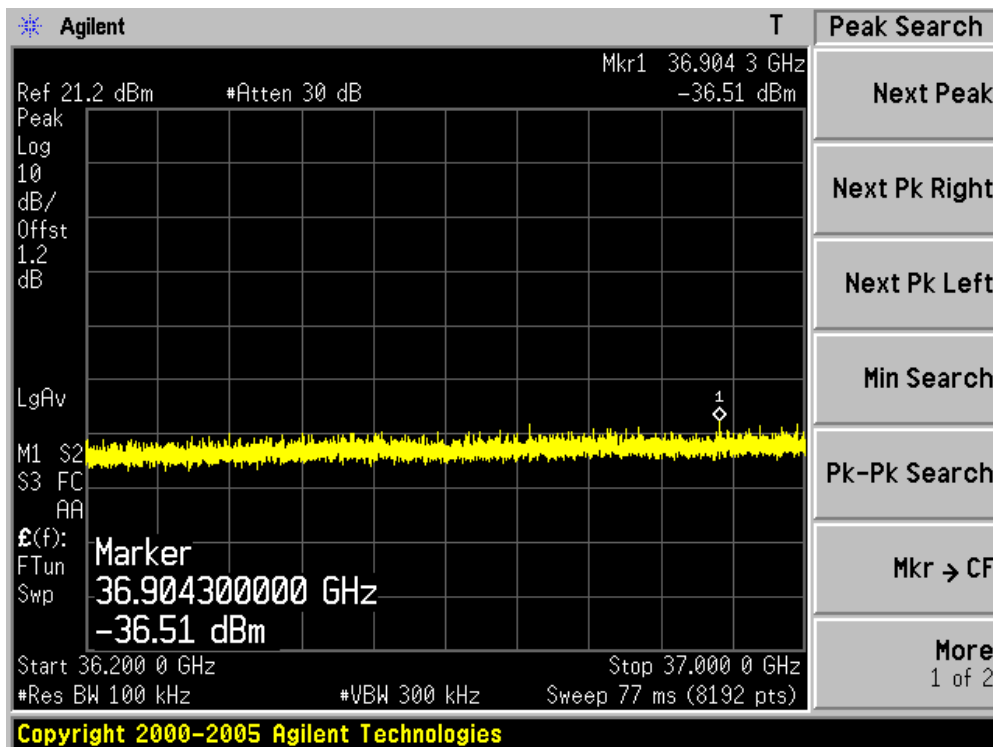
### Channel 149 (5745MHz)-13



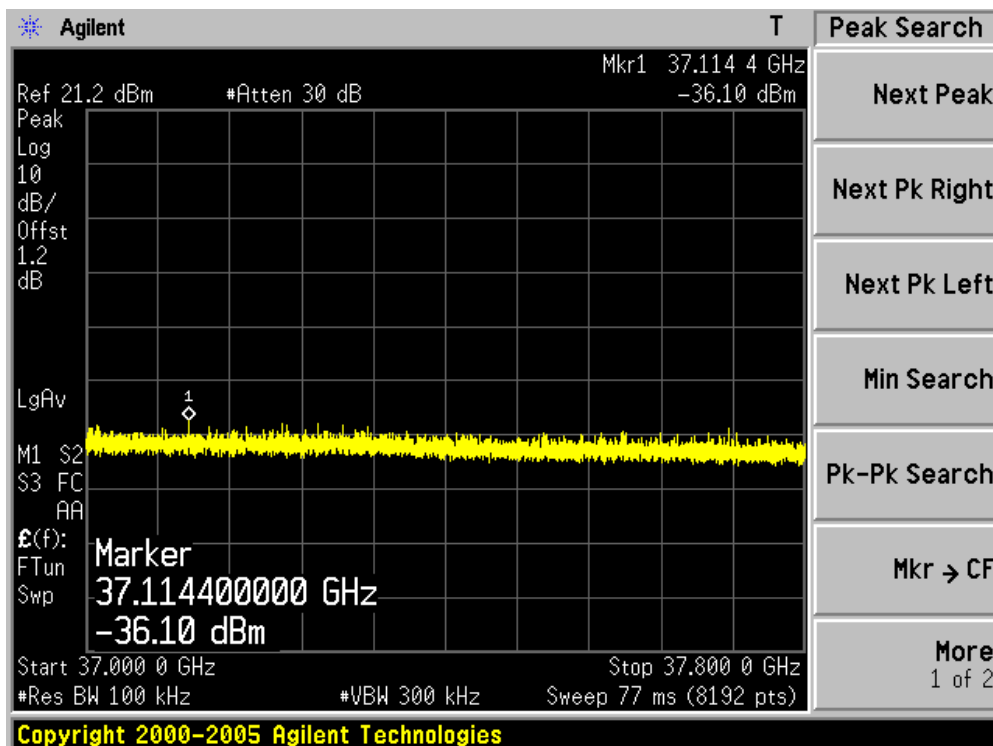
### Channel 149 (5745MHz)-14



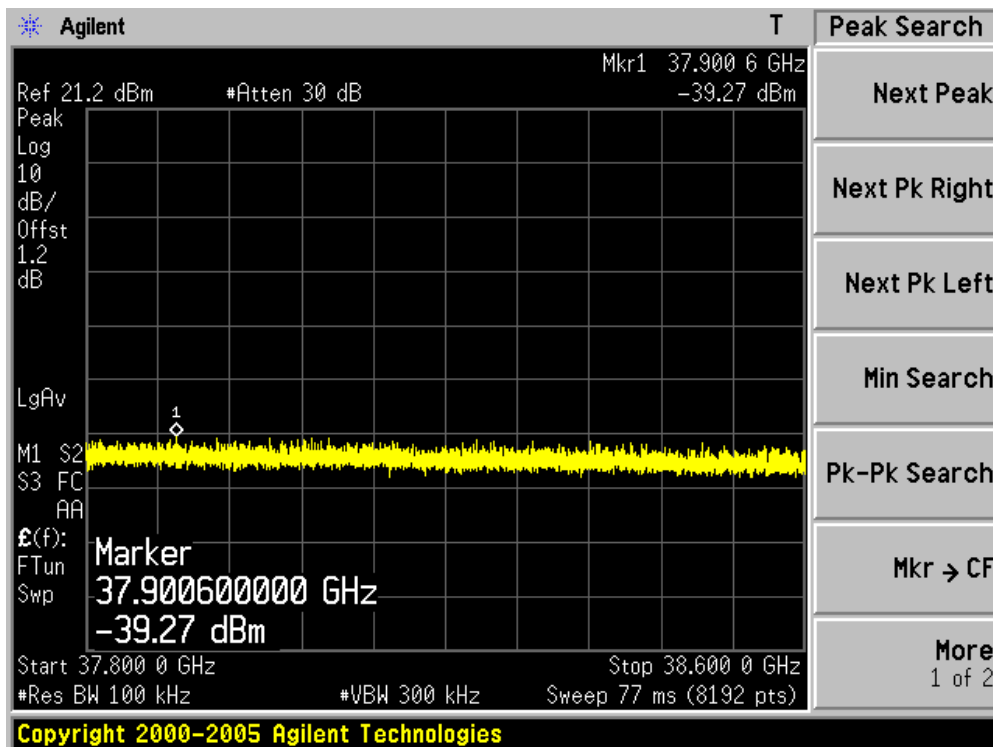
### Channel 149 (5745MHz)-15



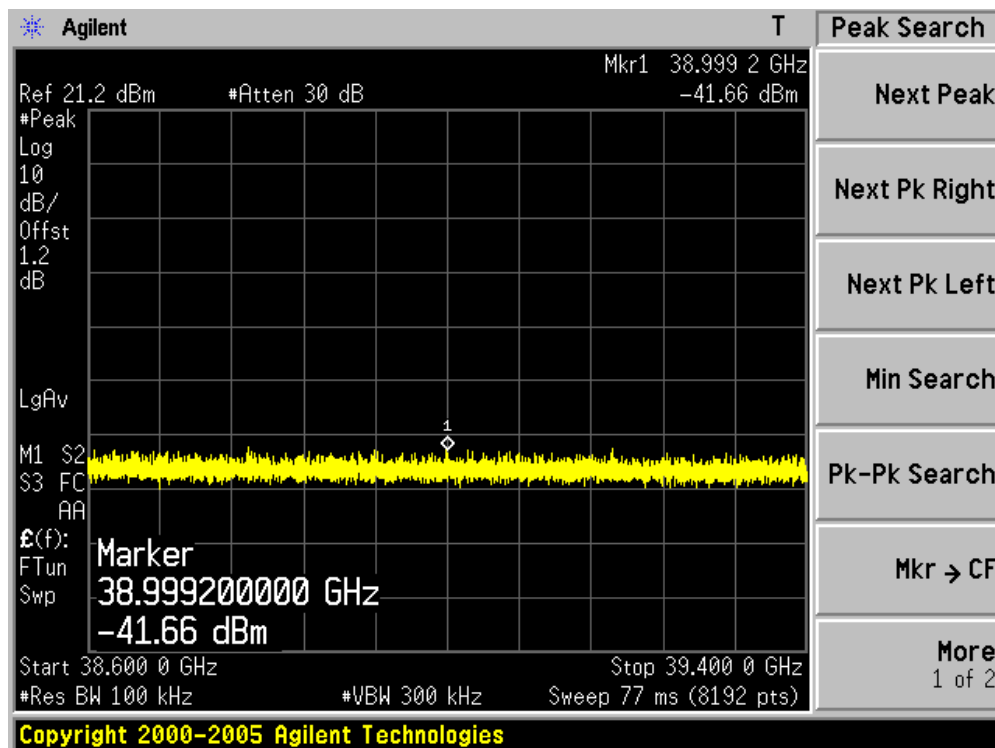
Channel 149 (5745MHz)-16



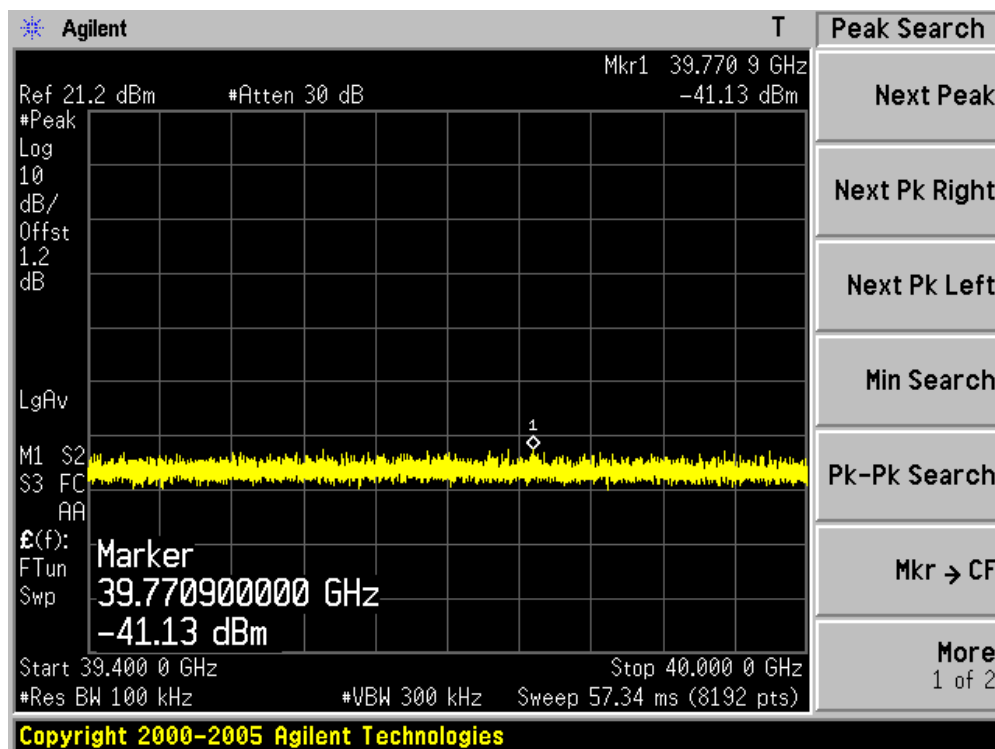
Channel 149 (5745MHz)-17



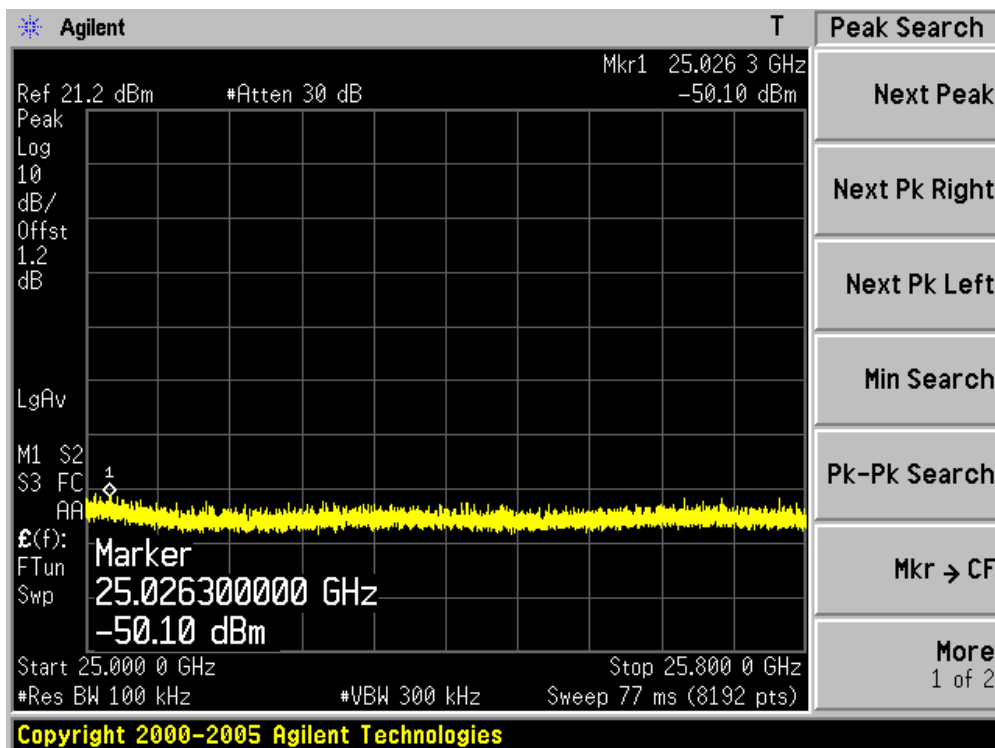
Channel 149 (5745MHz)-18



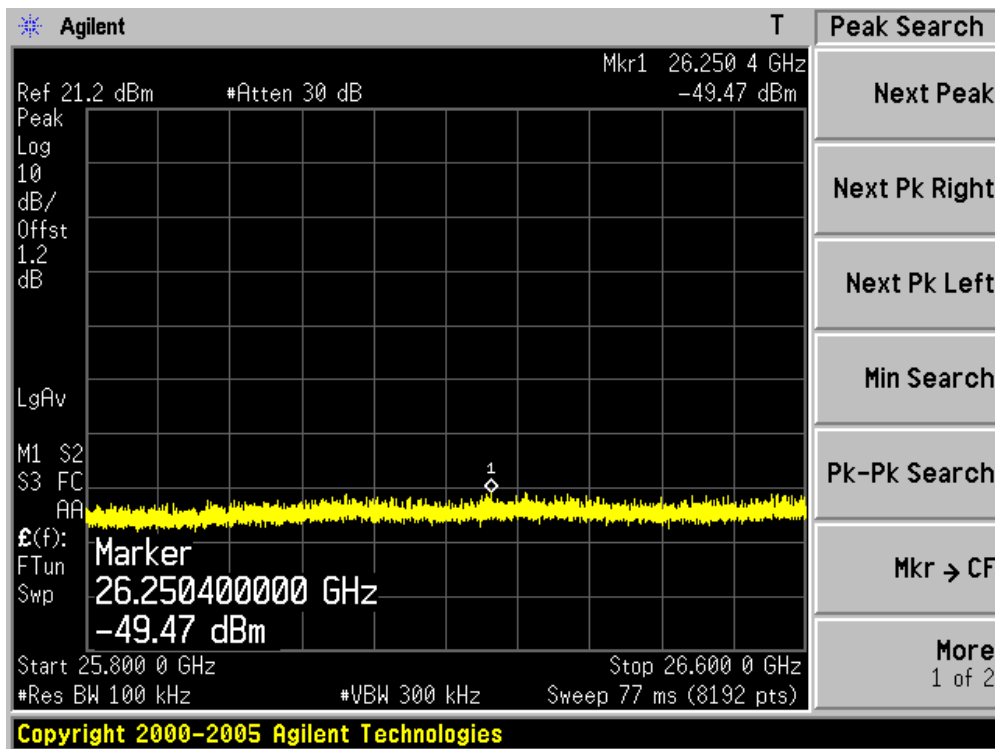
Channel 149 (5745MHz)-19



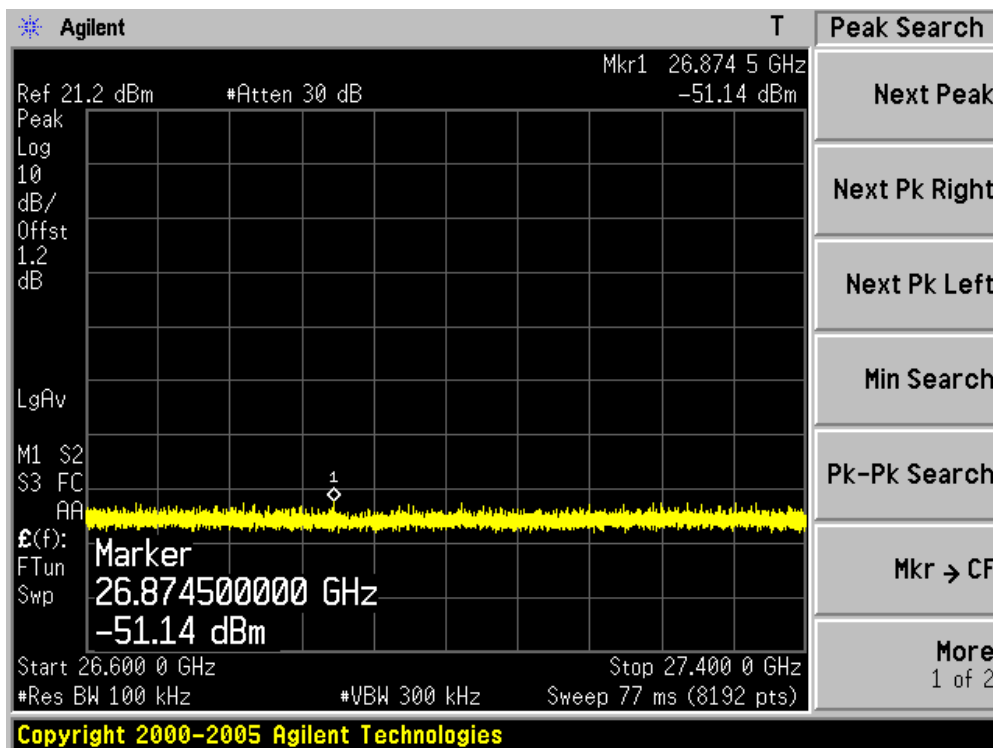
### Channel 157 (5785MHz)-1



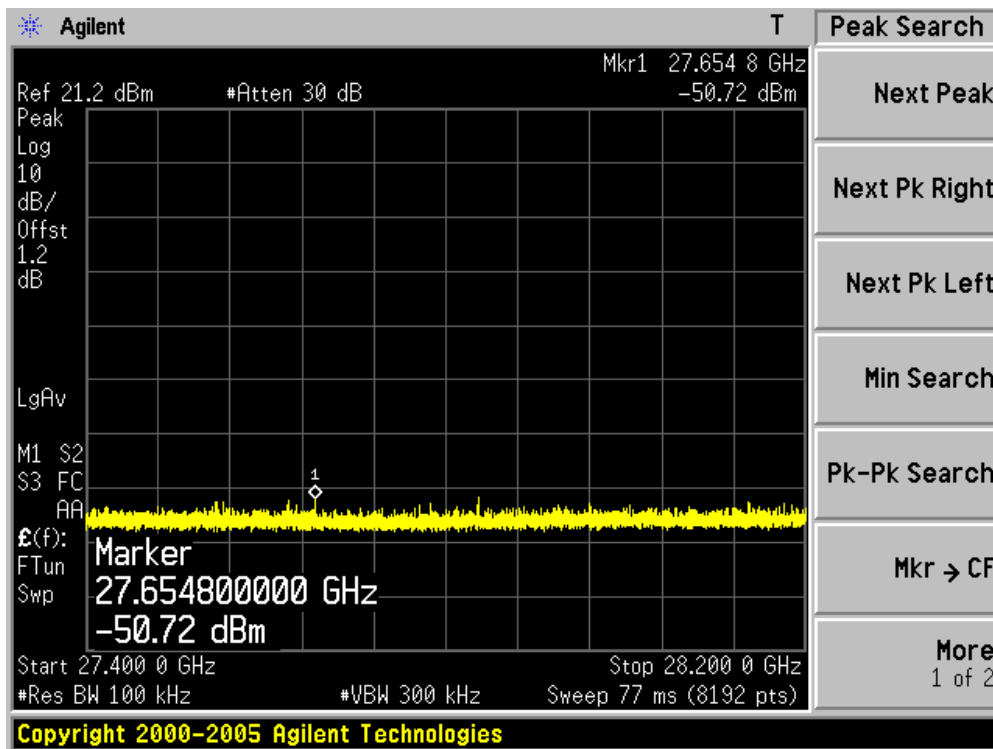
### Channel 157 (5785MHz)-2



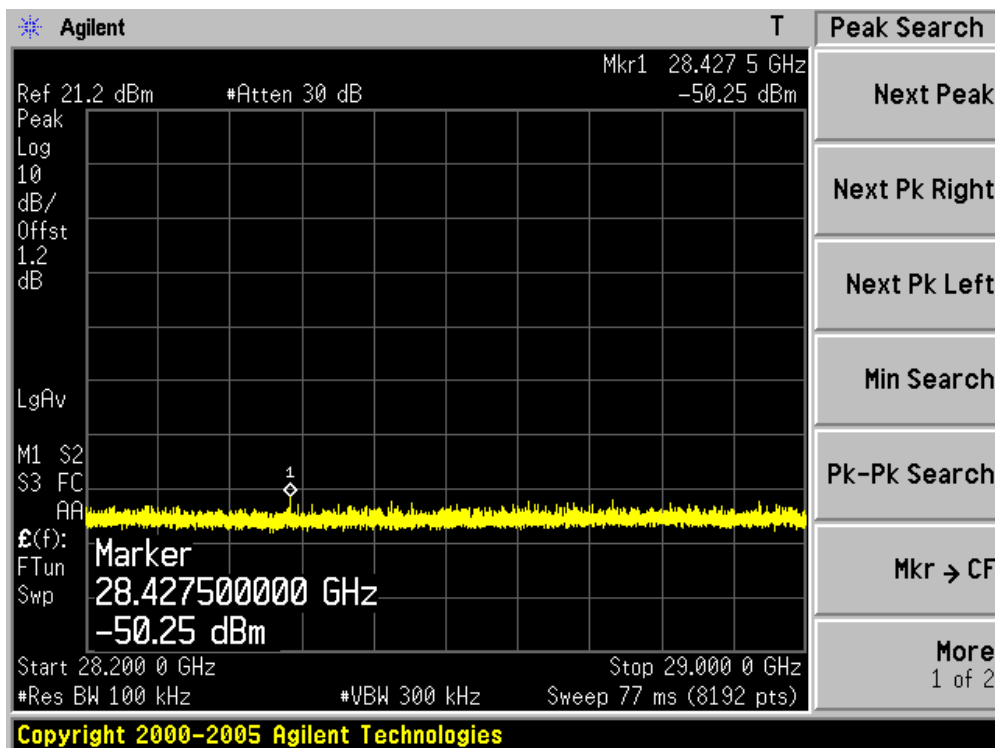
Channel 157 (5785MHz)-3



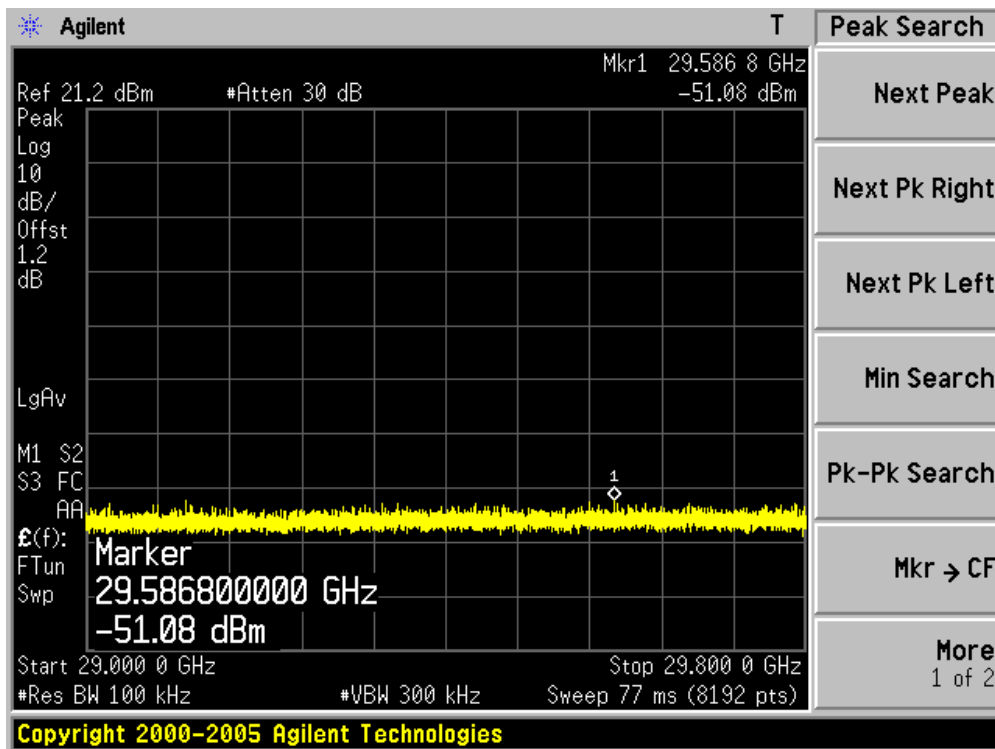
Channel 157 (5785MHz)-4



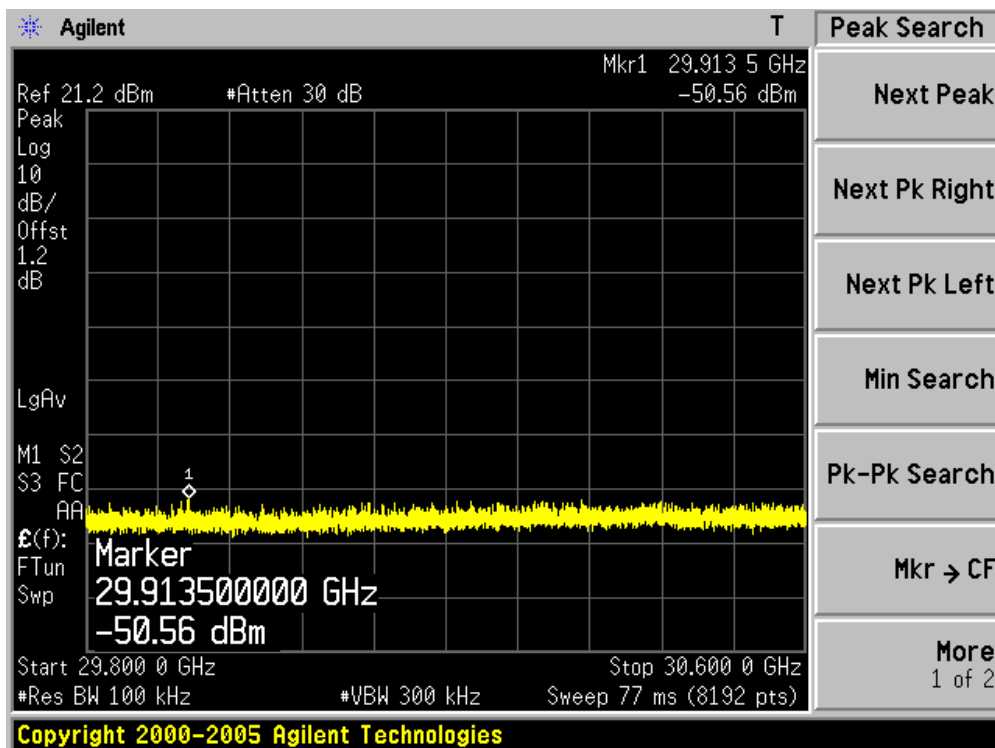
Channel 157 (5785MHz)-5



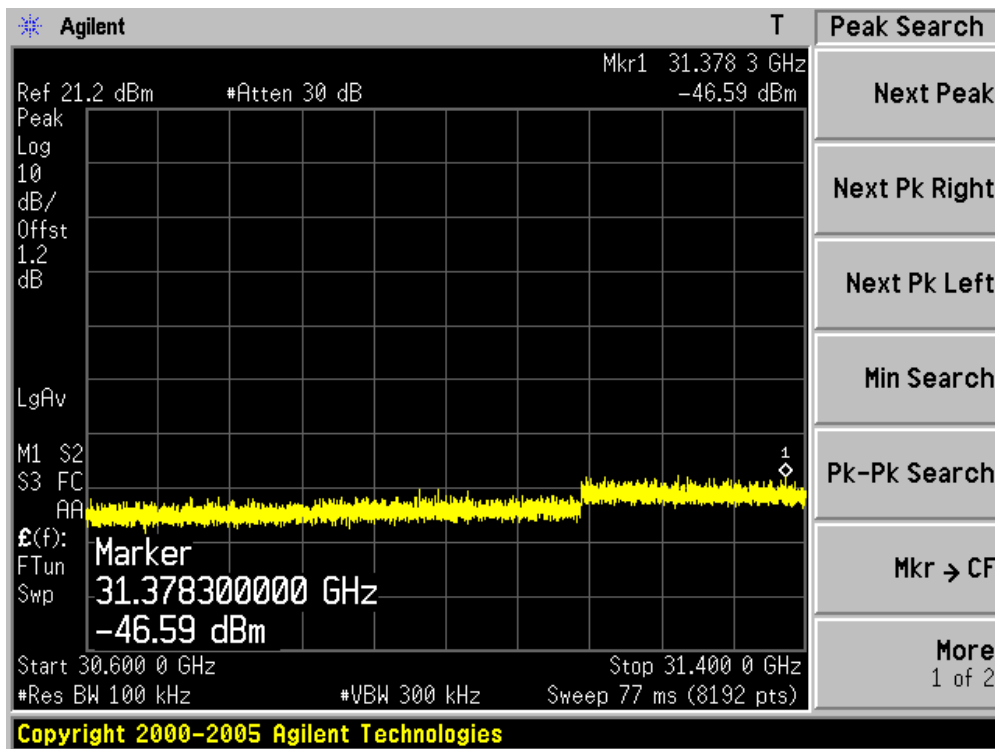
Channel 157 (5785MHz)-6



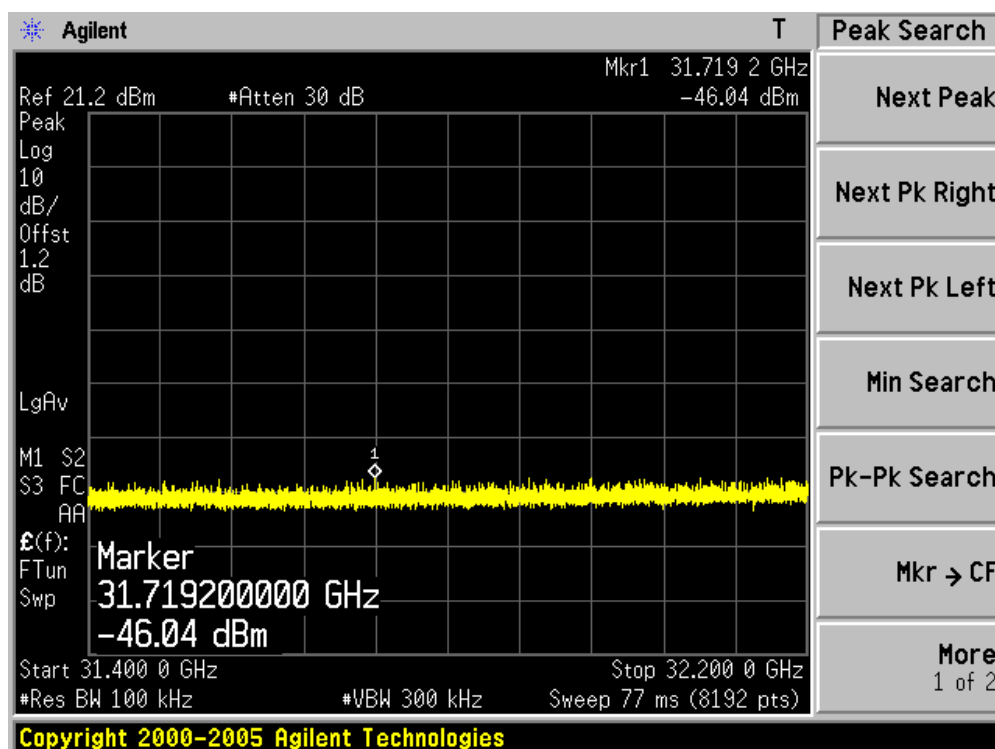
Channel 157 (5785MHz)-7



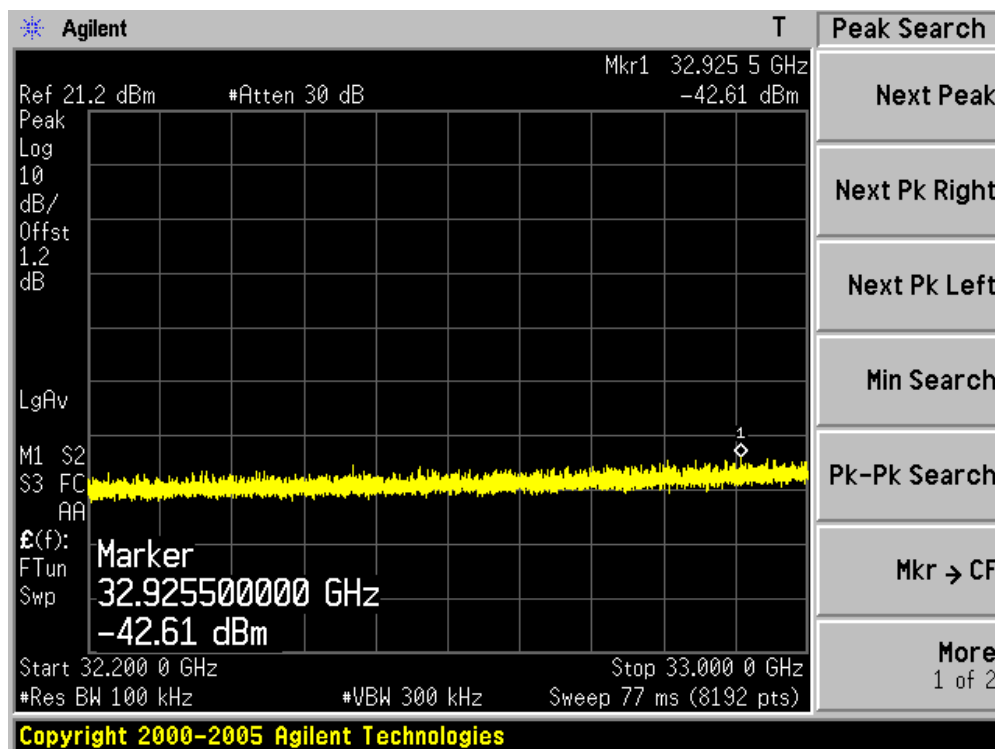
Channel 157 (5785MHz)-8



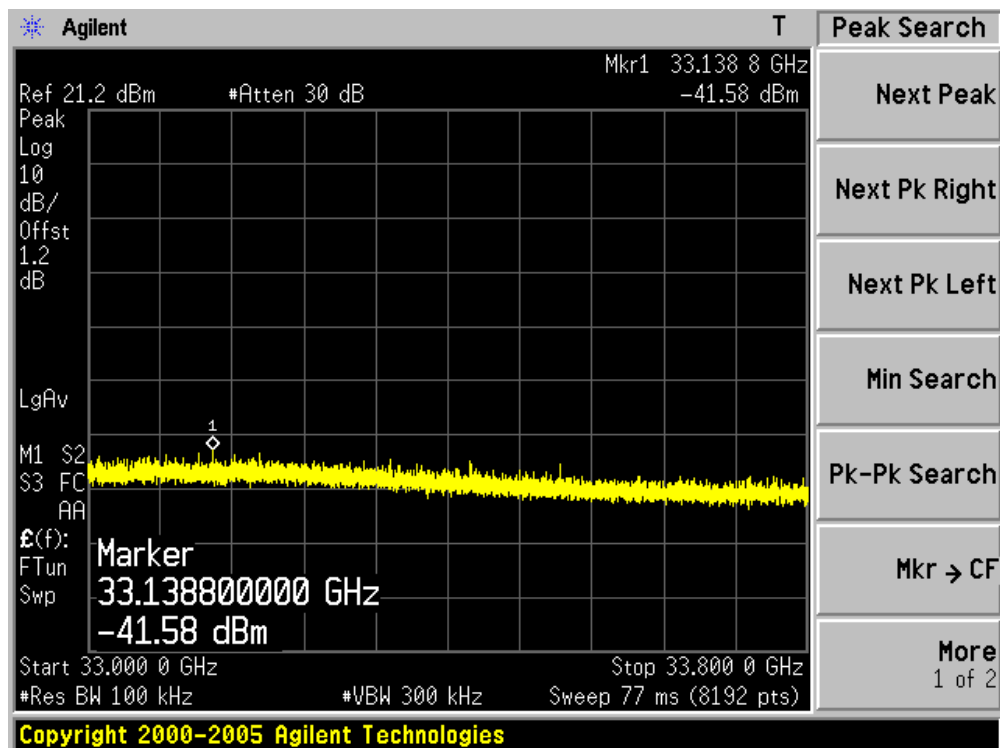
Channel 157 (5785MHz)-9



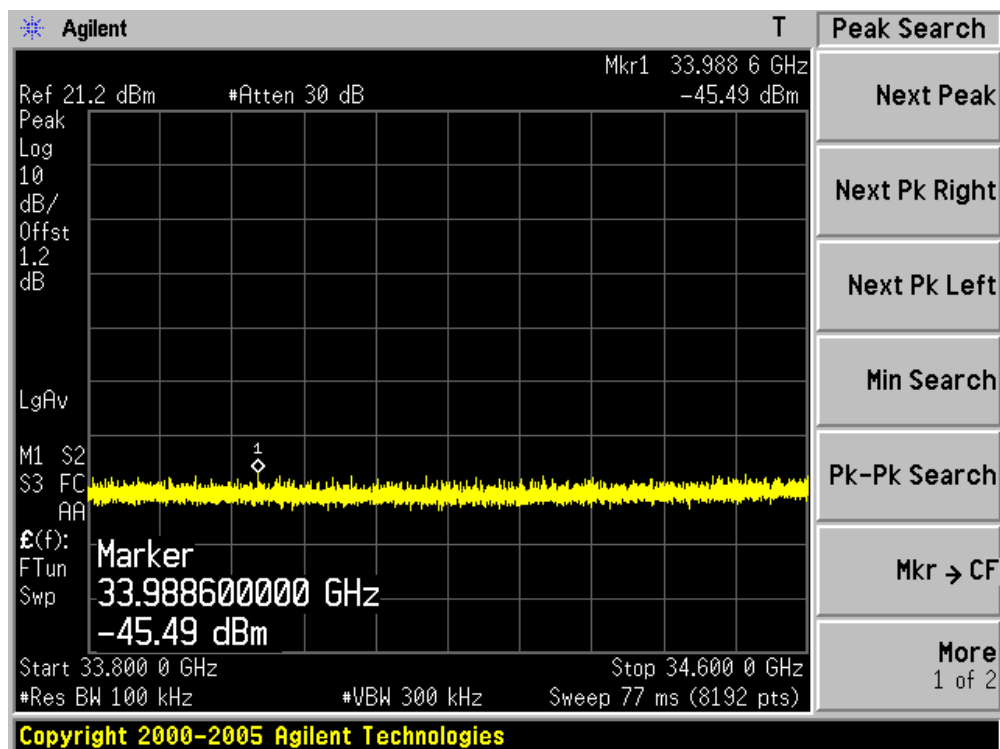
Channel 157 (5785MHz)-10



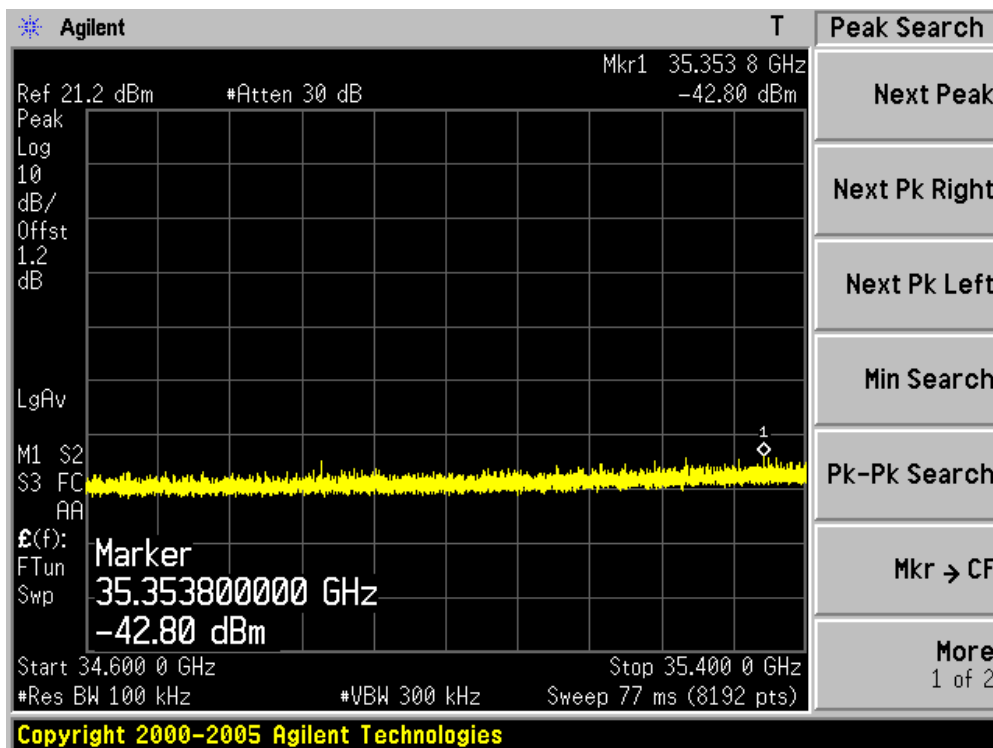
### Channel 157 (5785MHz)-11



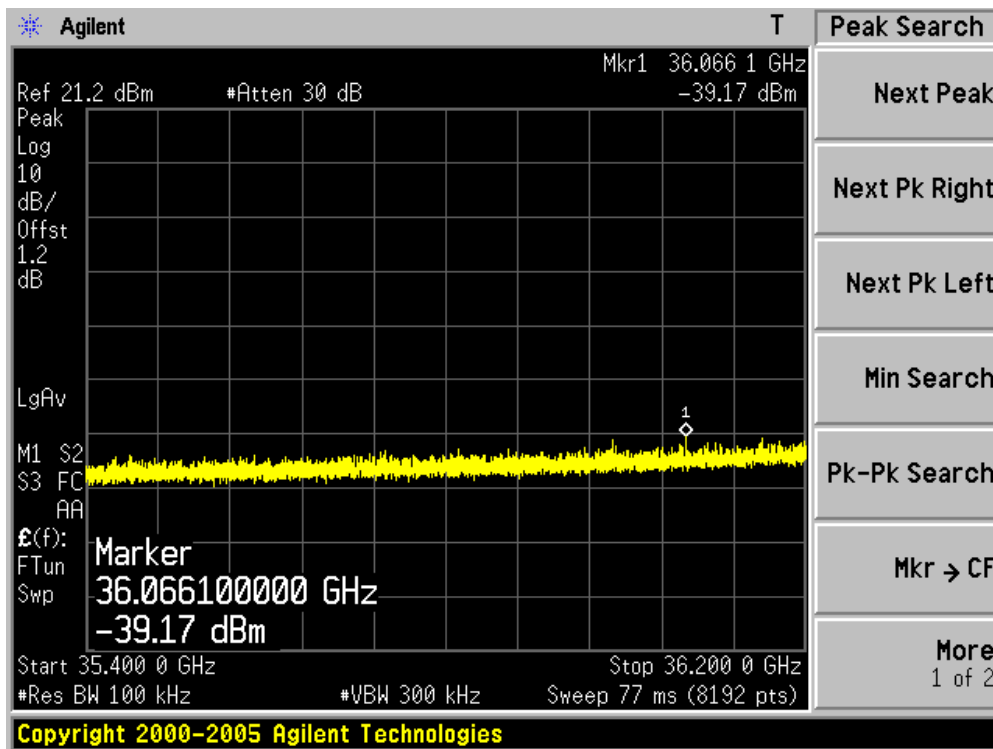
### Channel 157 (5785MHz)-12



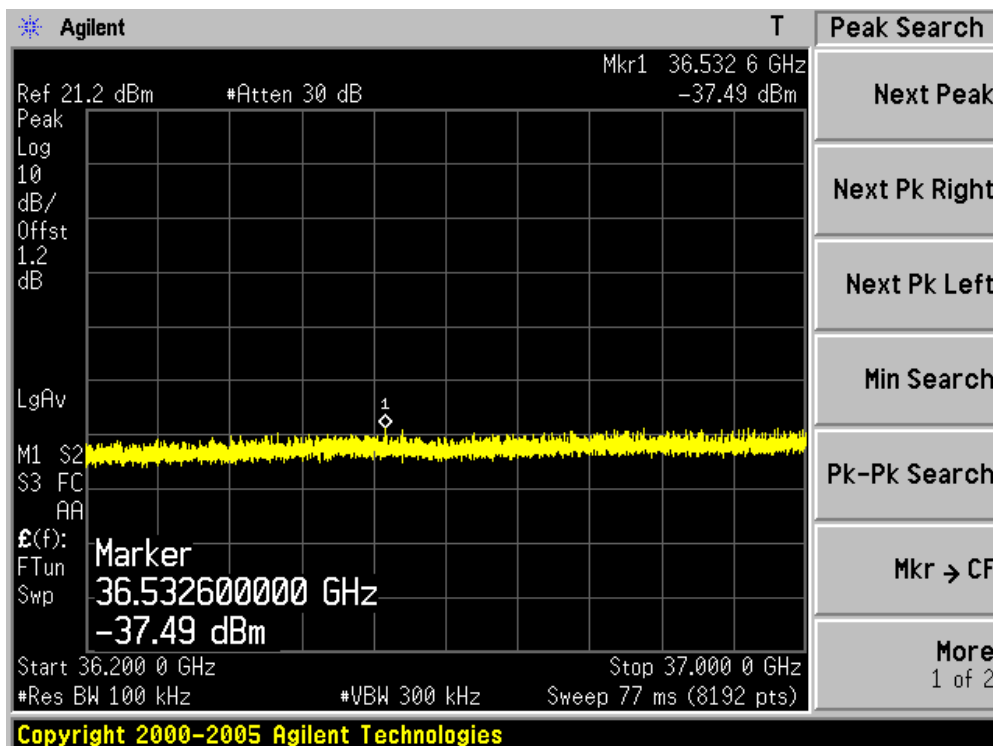
Channel 157 (5785MHz)-13



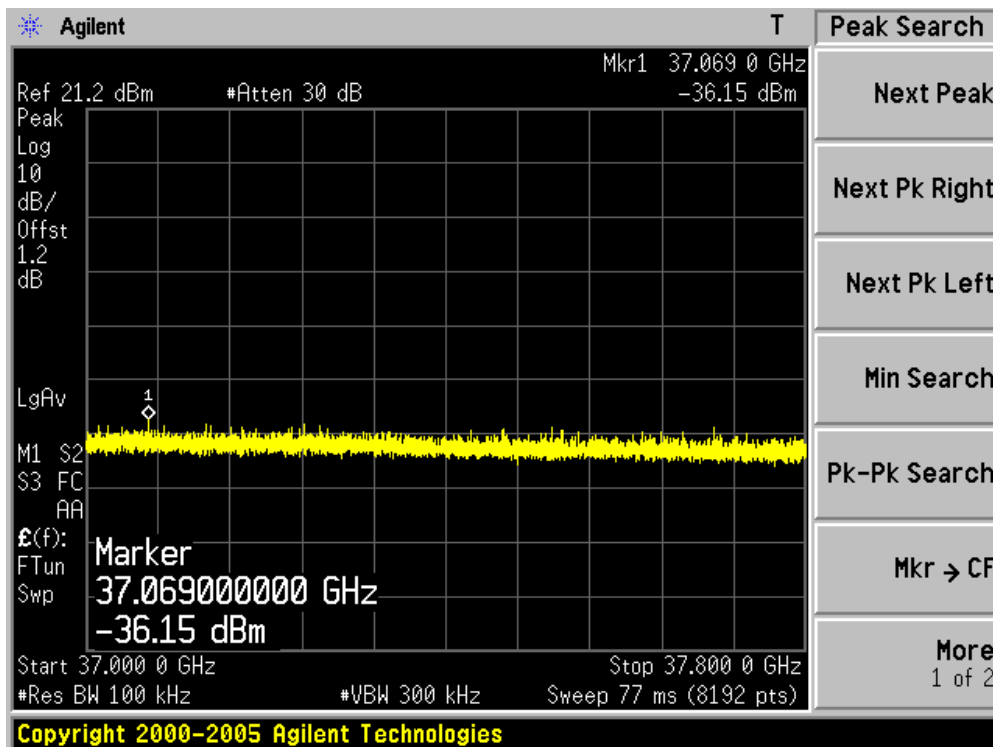
Channel 157 (5785MHz)-14



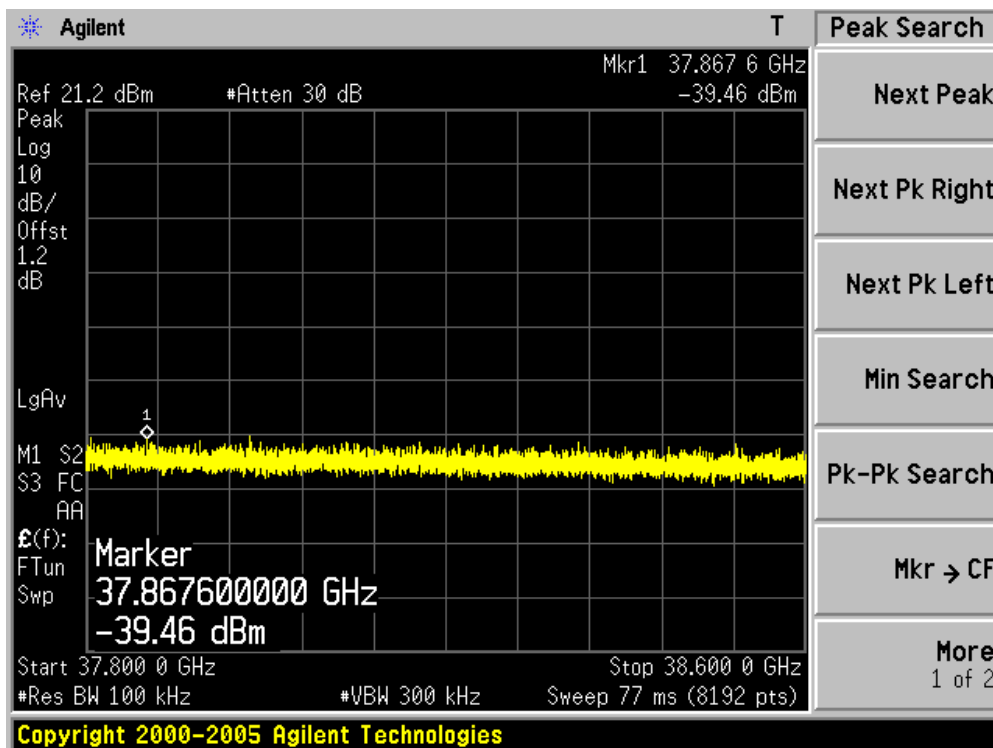
Channel 157 (5785MHz)-15



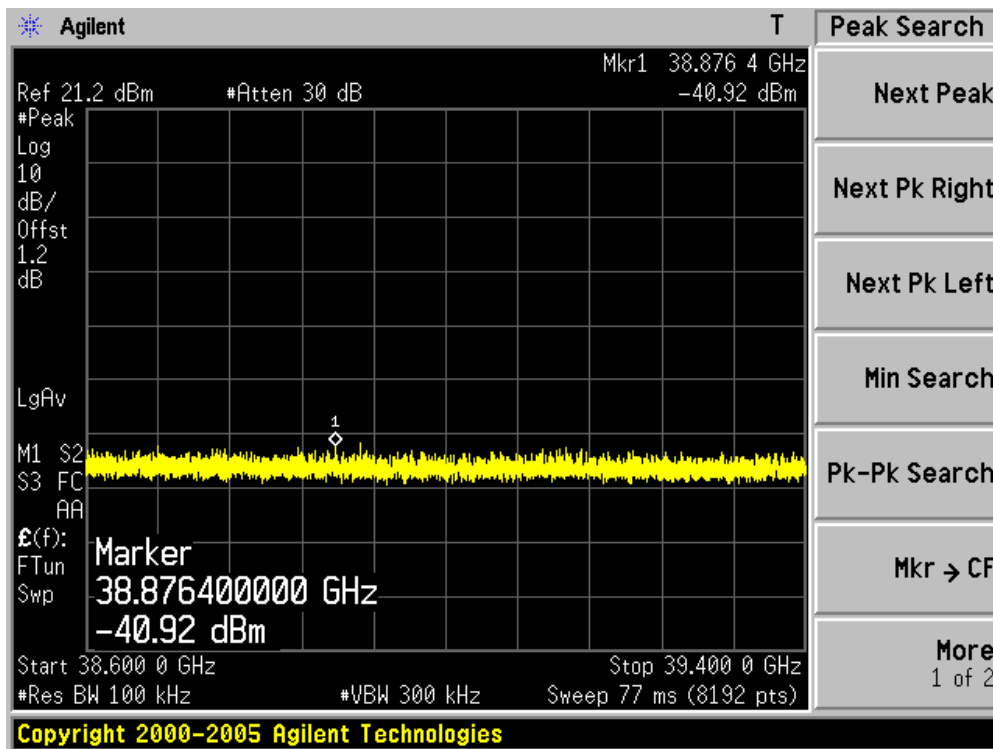
Channel 157 (5785MHz)-16



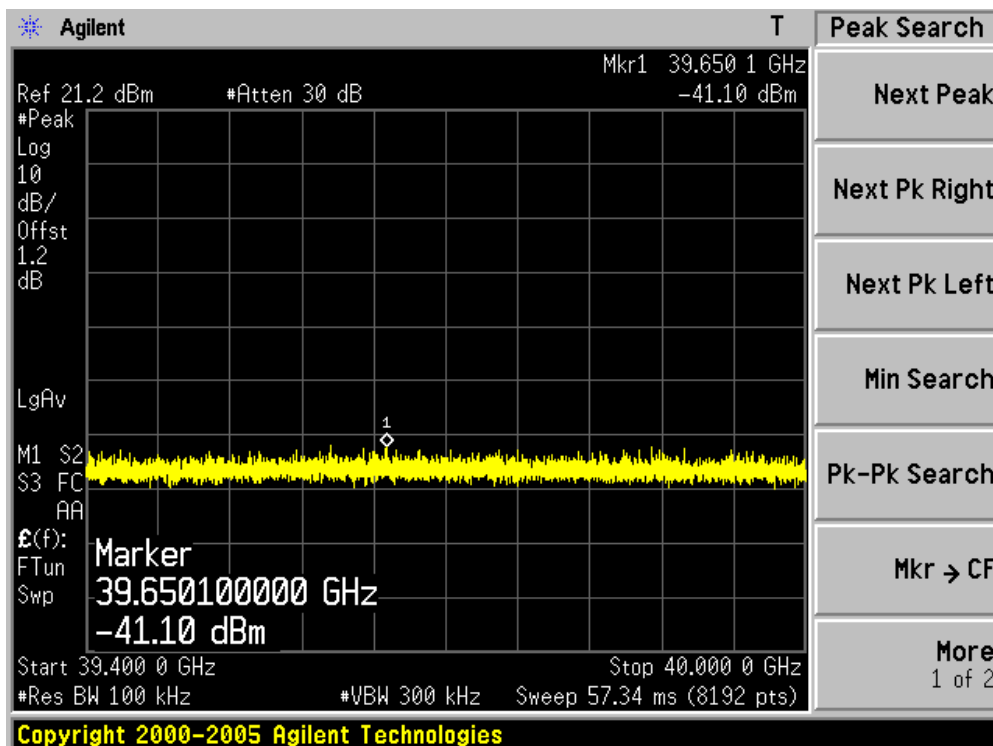
Channel 157 (5785MHz)-17



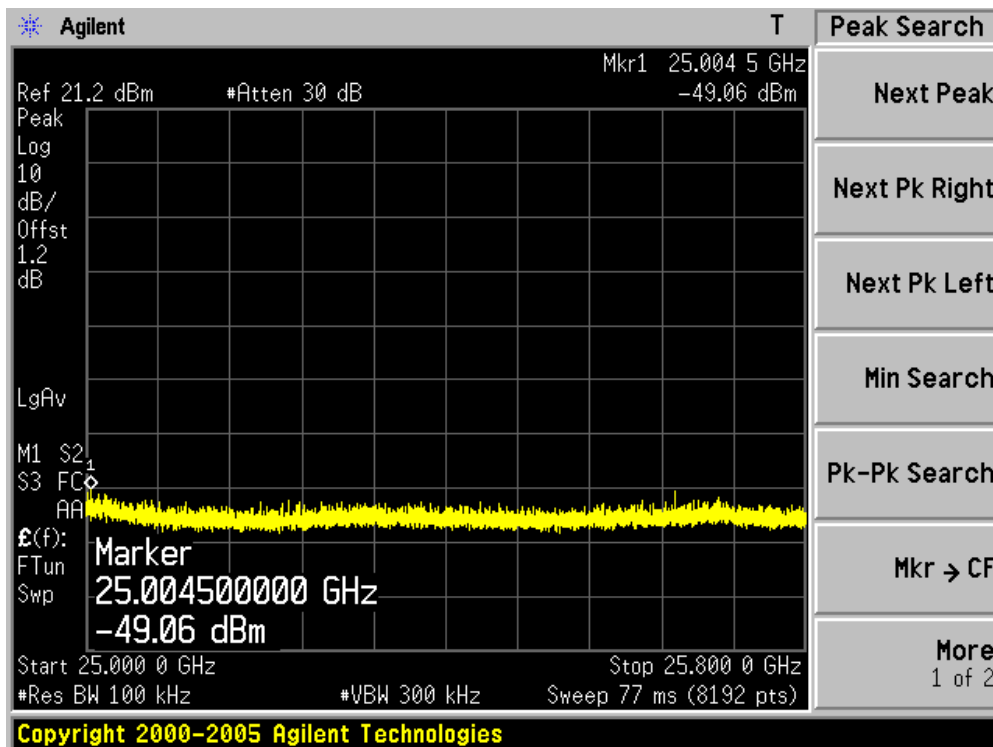
Channel 157 (5785MHz)-18



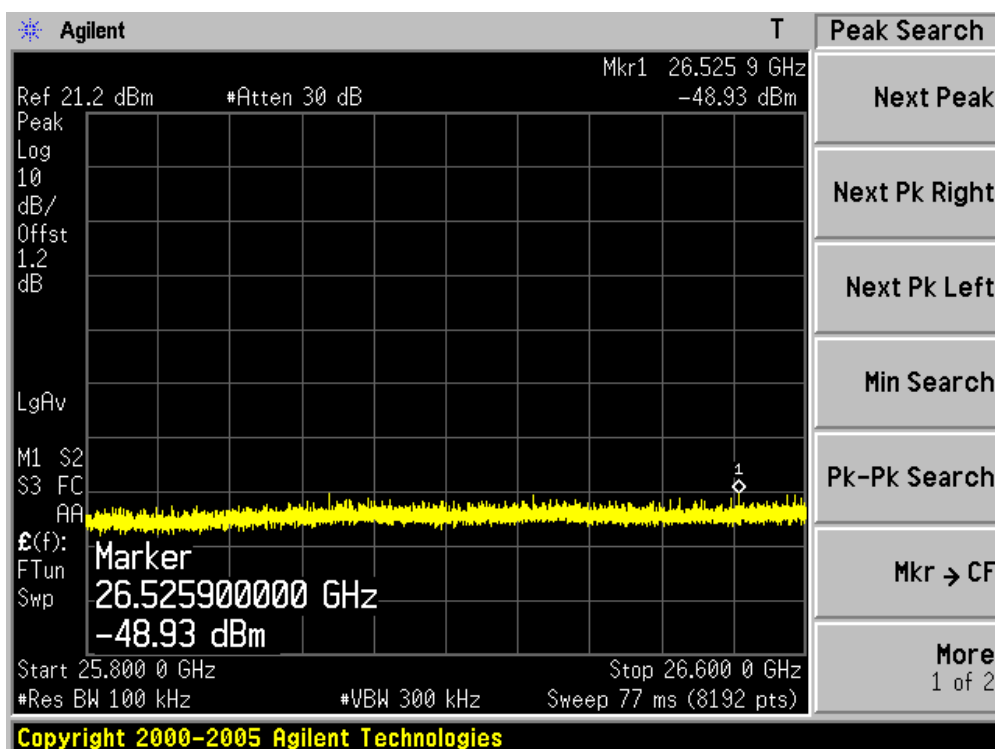
Channel 157 (5785MHz)-19



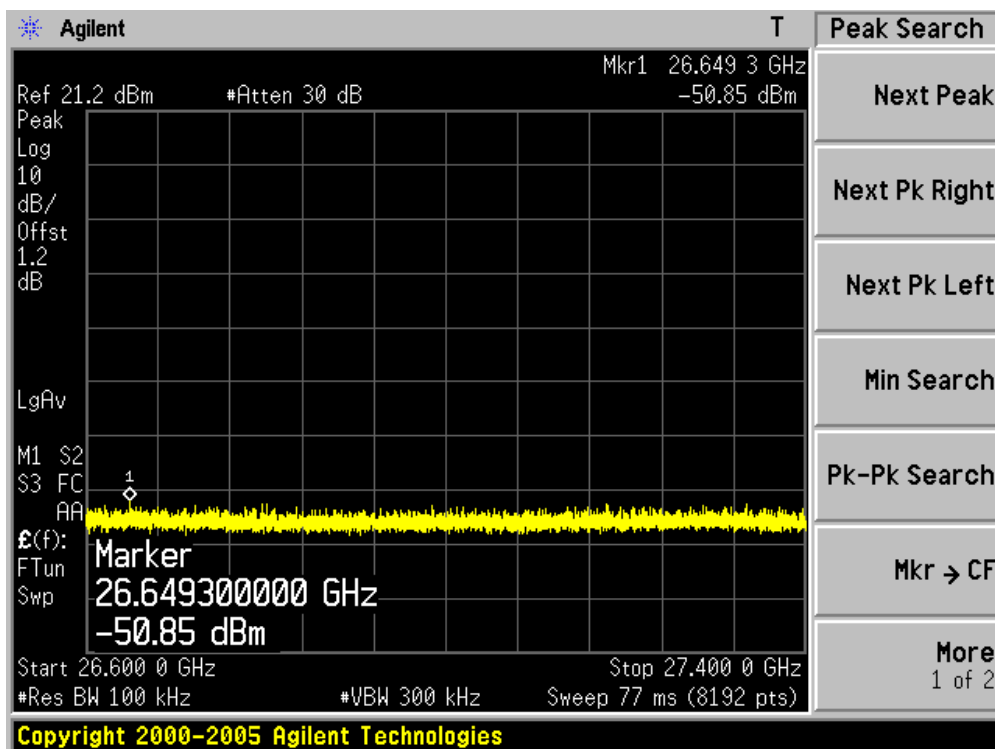
Channel 165 (5825MHz)-1



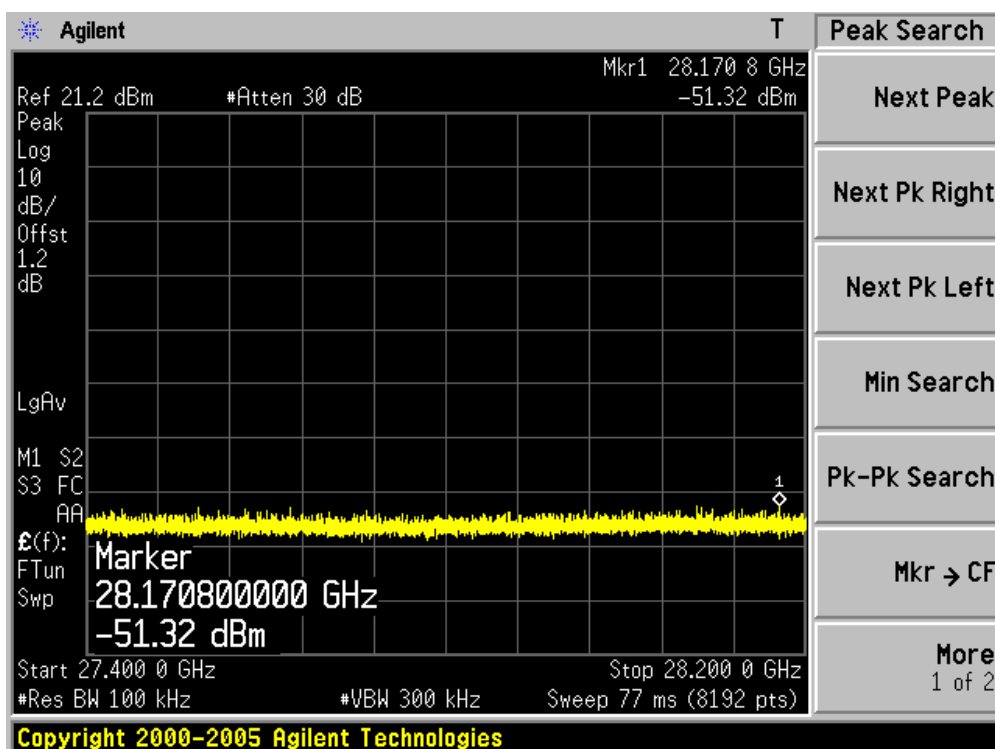
### Channel 165 (5825MHz)-2



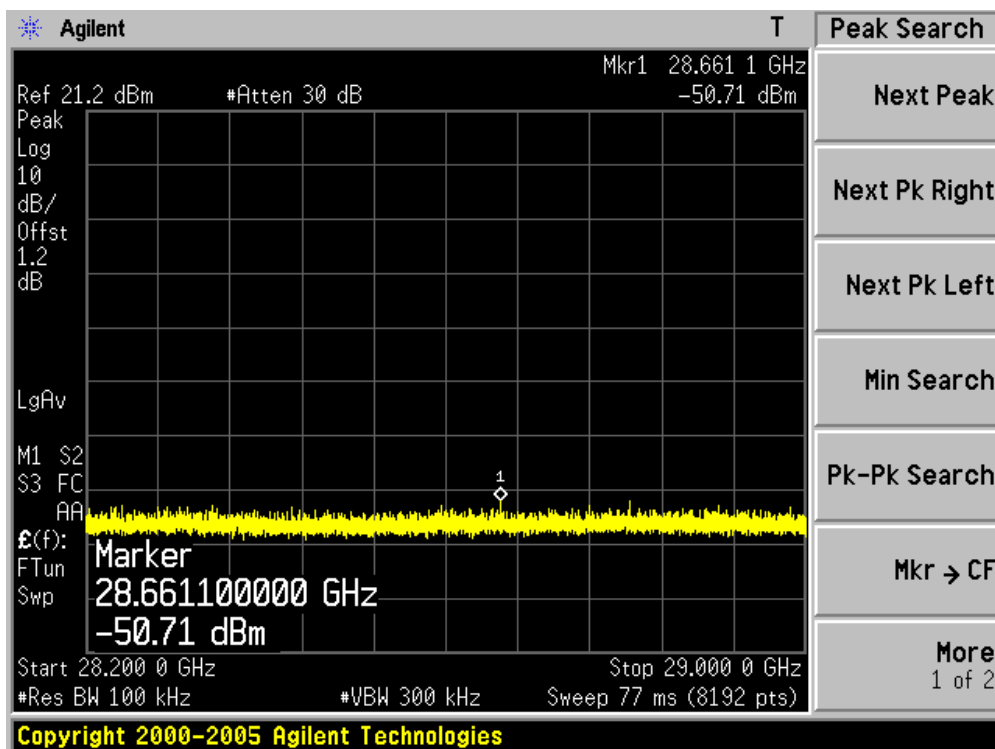
### Channel 165 (5825MHz)-3



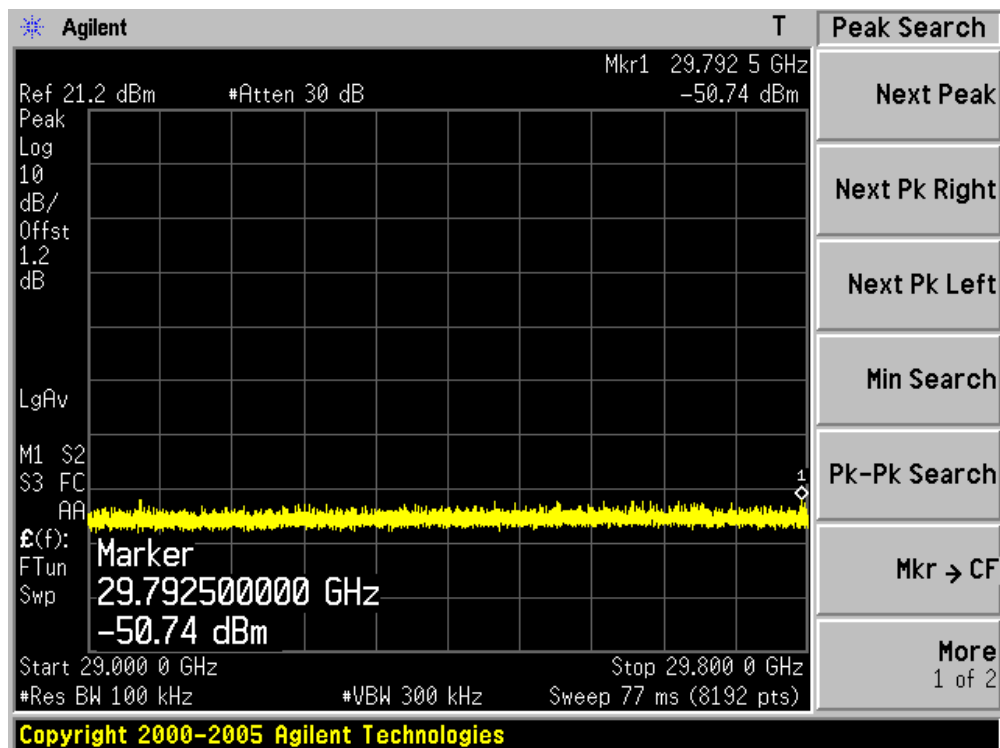
### Channel 165 (5825MHz)-4



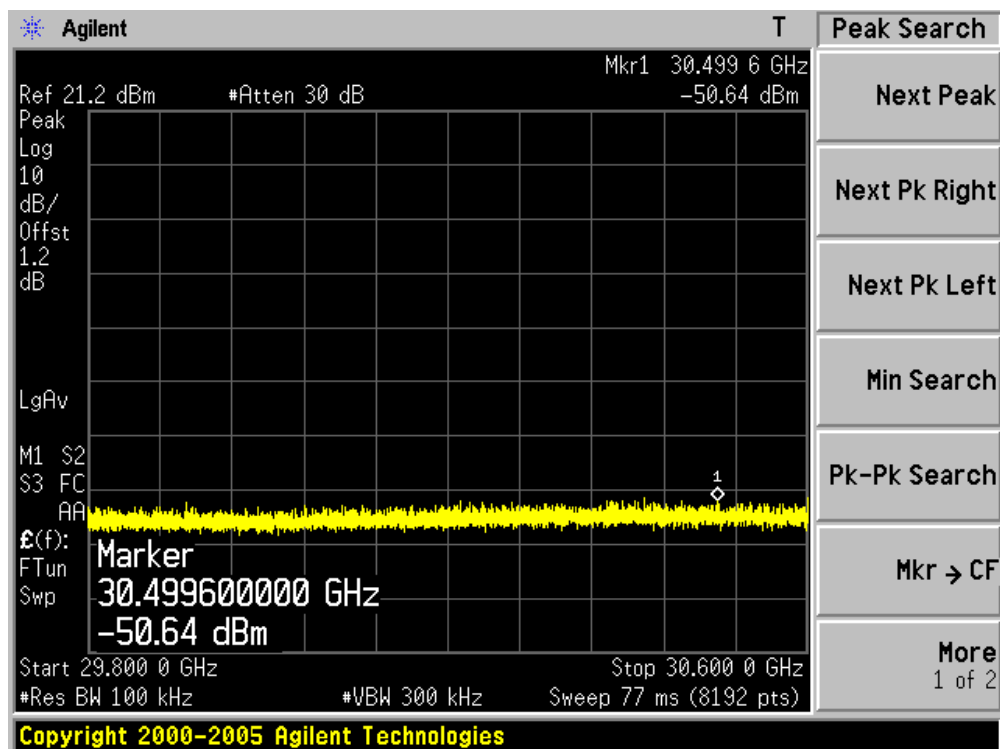
### Channel 165 (5825MHz)-5



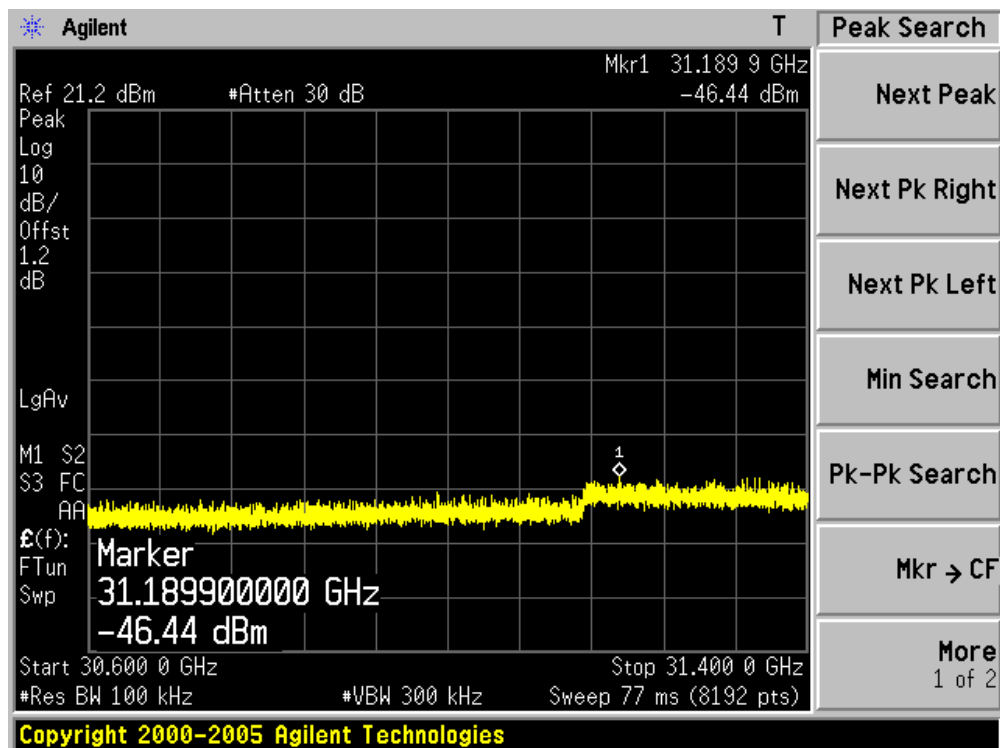
Channel 165 (5825MHz)-6



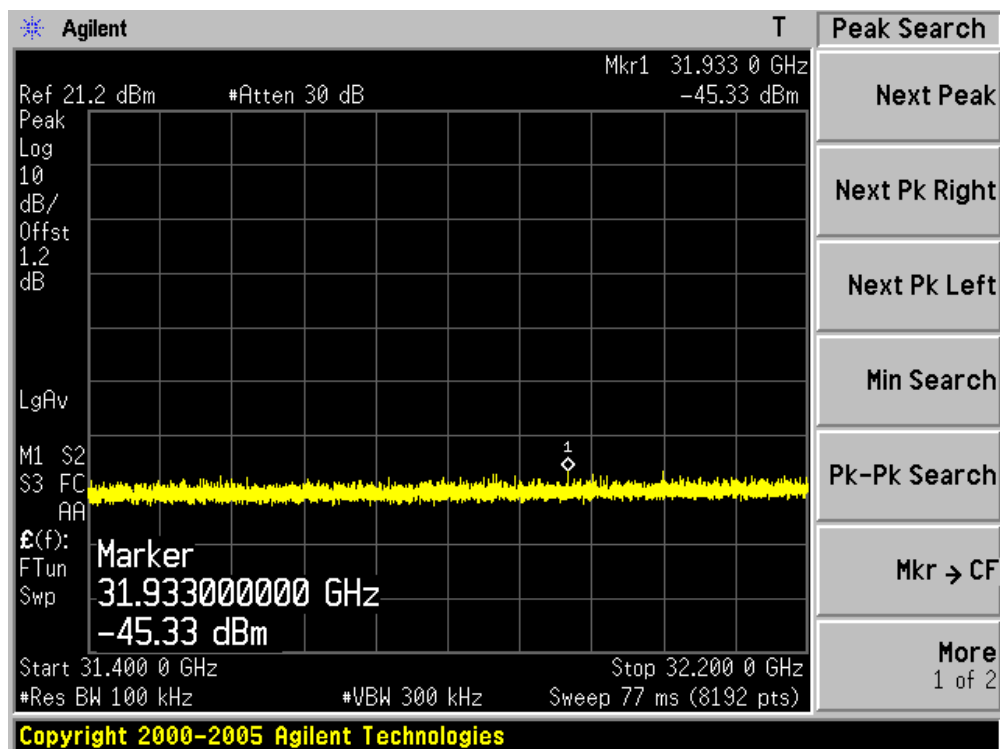
Channel 165 (5825MHz)-7



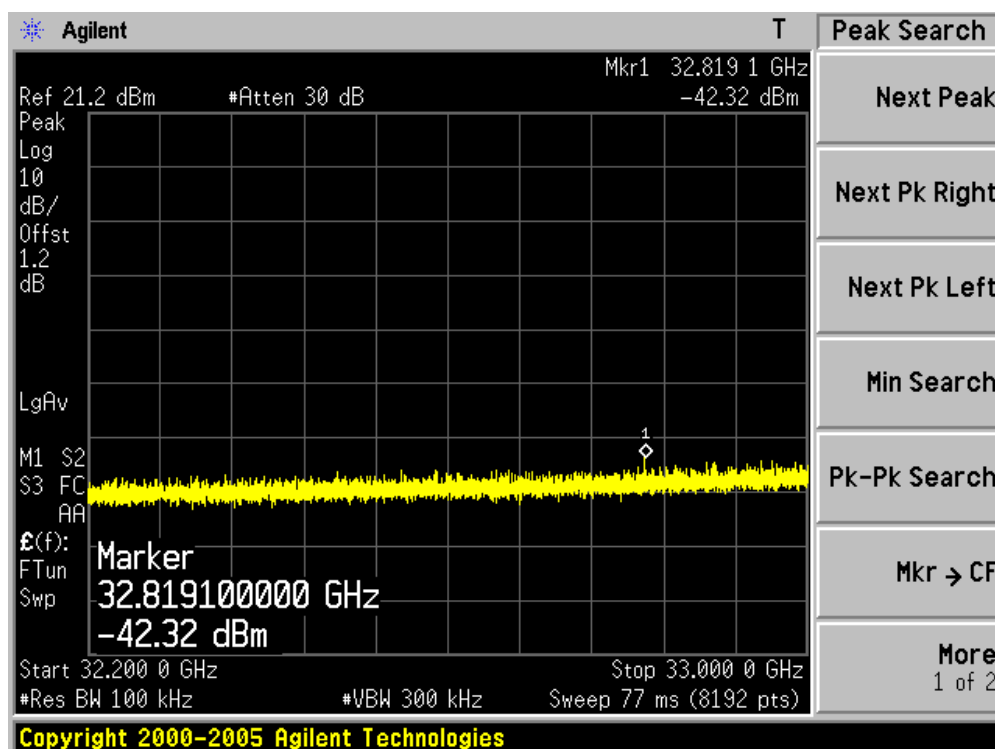
Channel 165 (5825MHz)-8



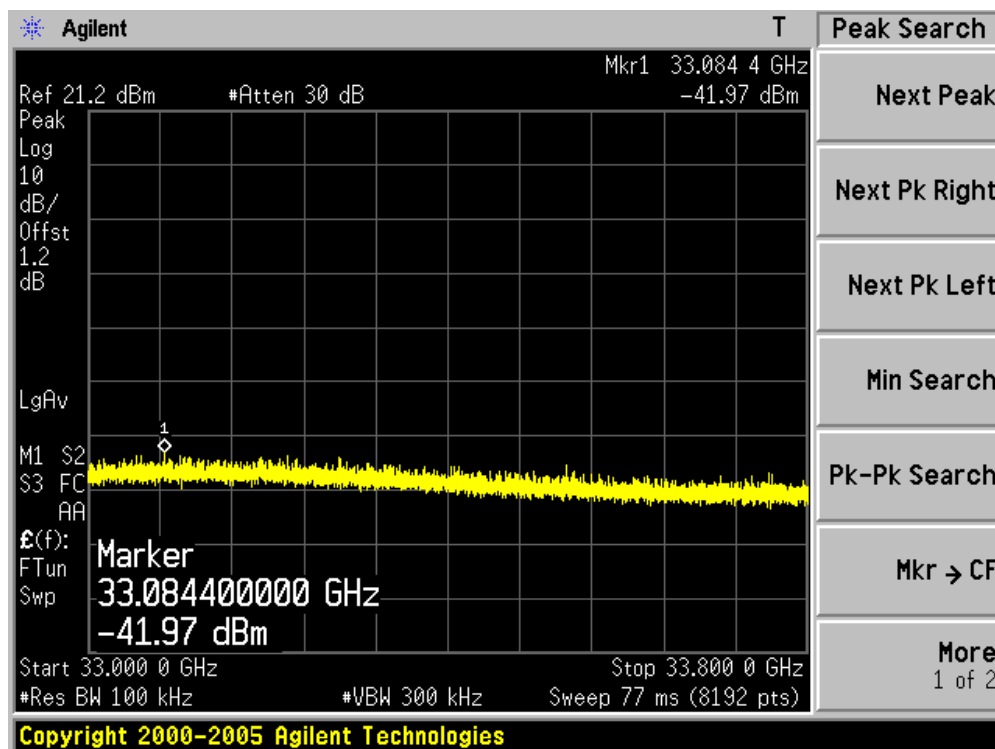
Channel 165 (5825MHz)-9



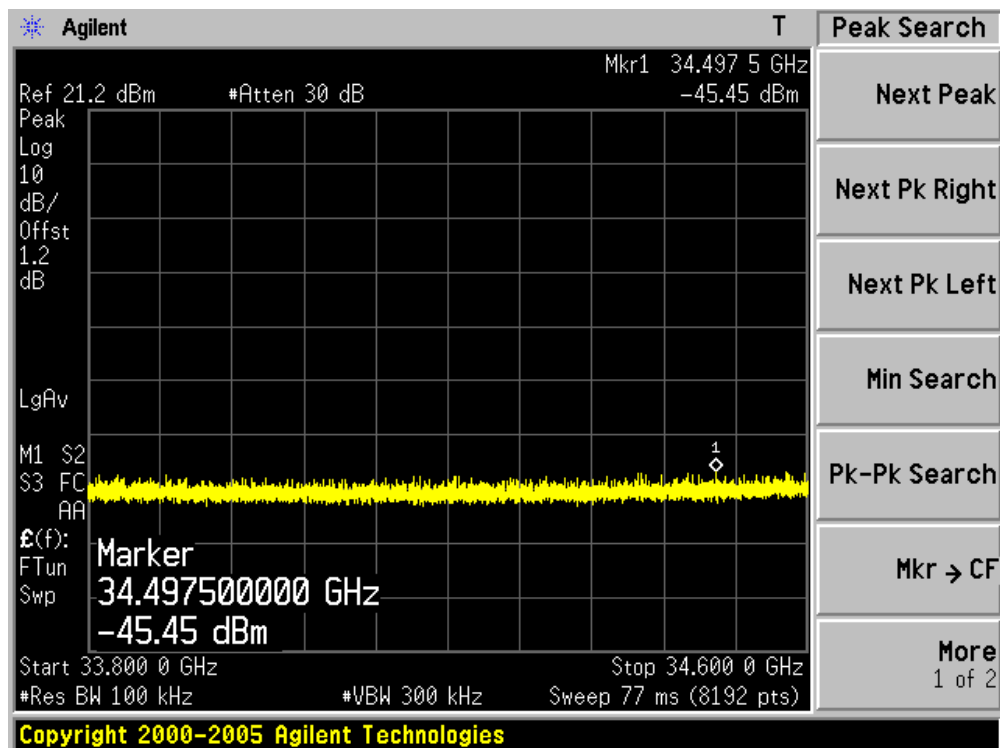
Channel 165 (5825MHz)-10



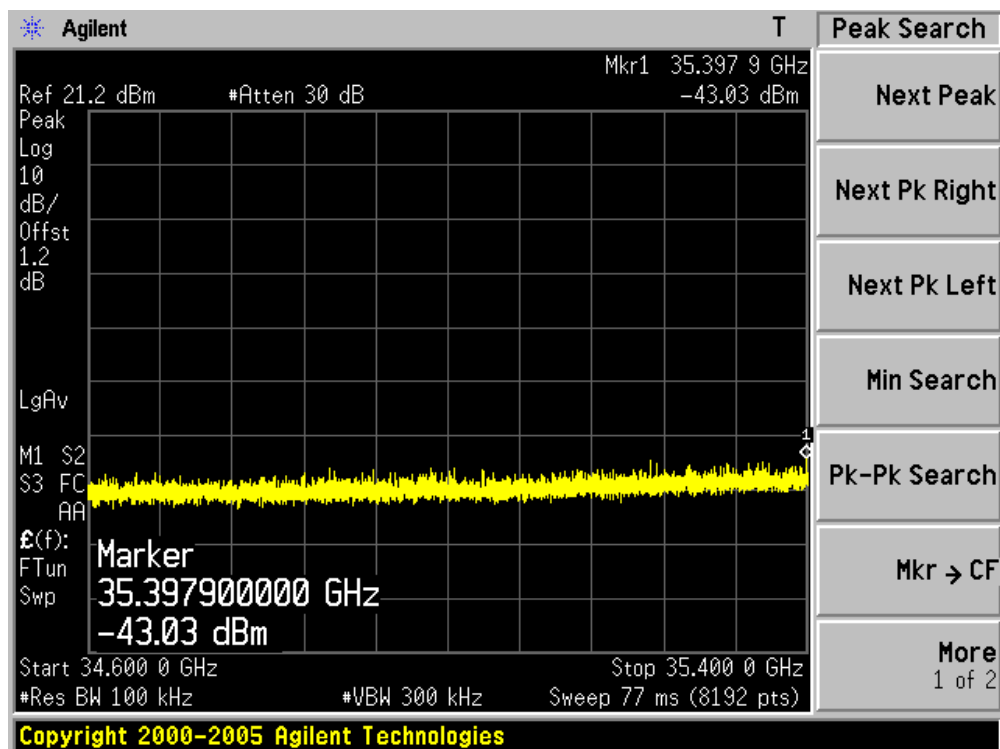
Channel 165 (5825MHz)-11



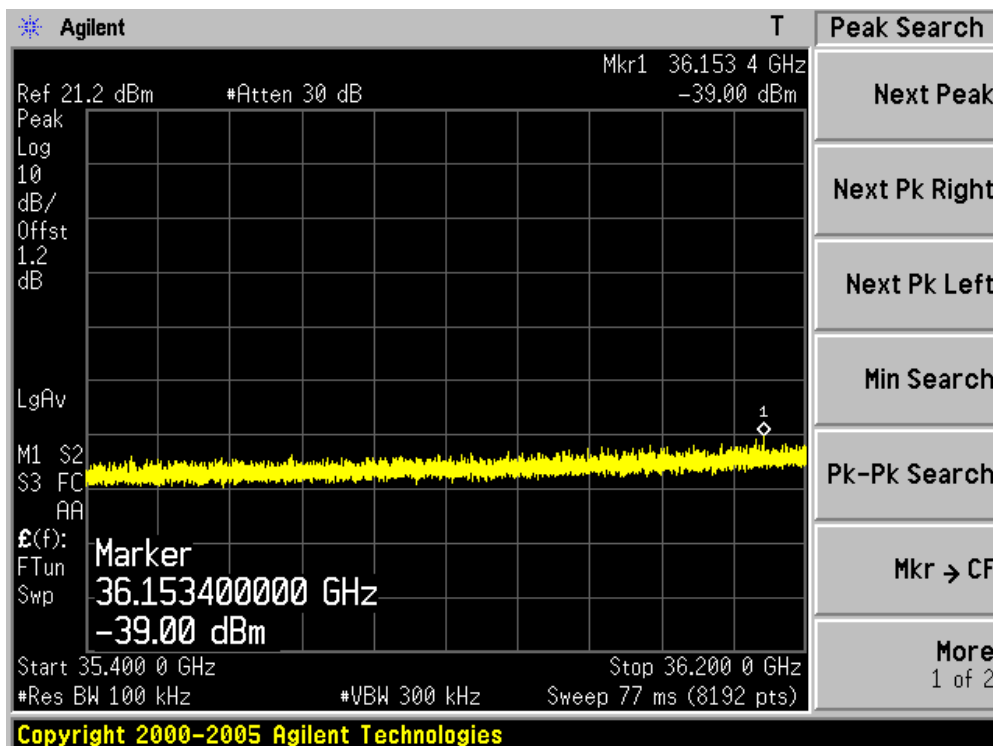
### Channel 165 (5825MHz)-12



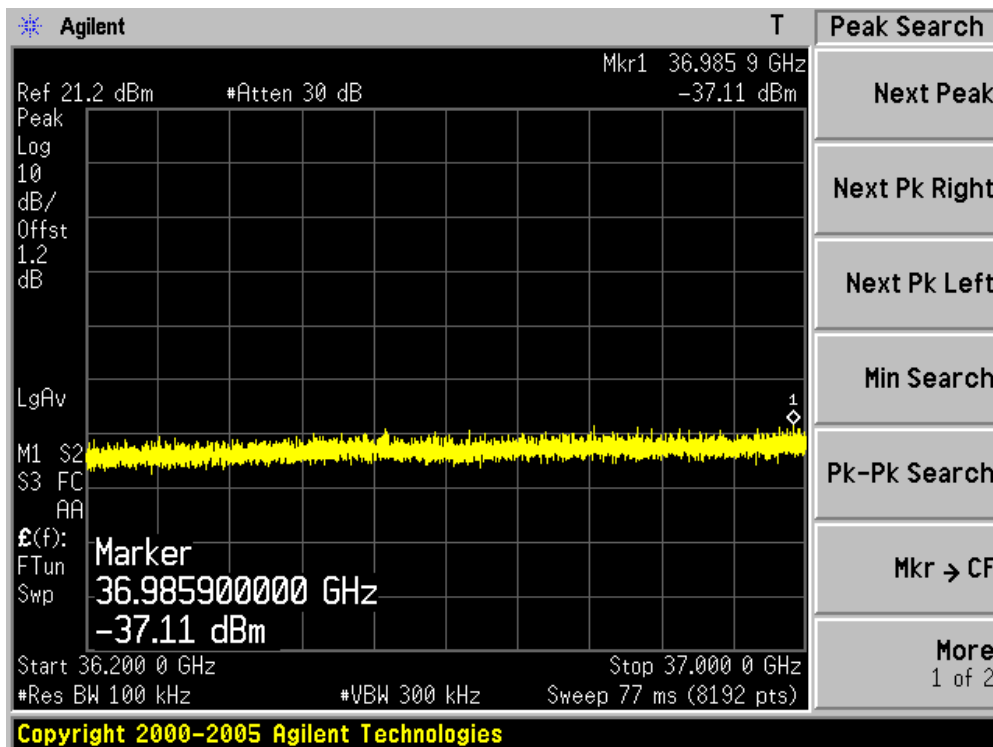
### Channel 165 (5825MHz)-13



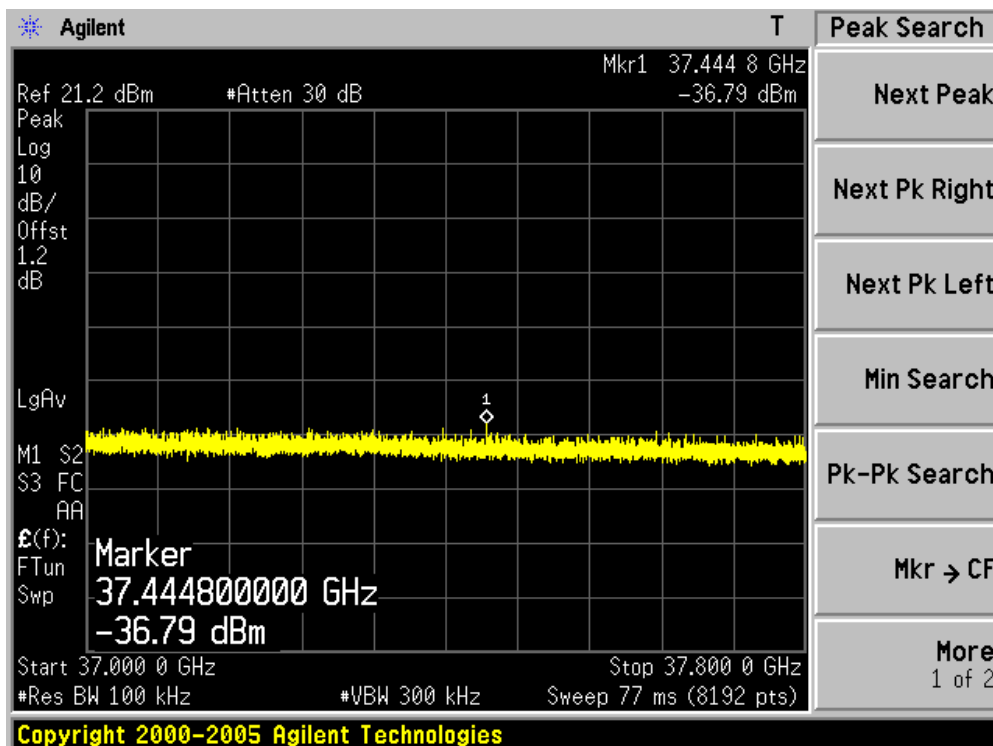
Channel 165 (5825MHz)-14



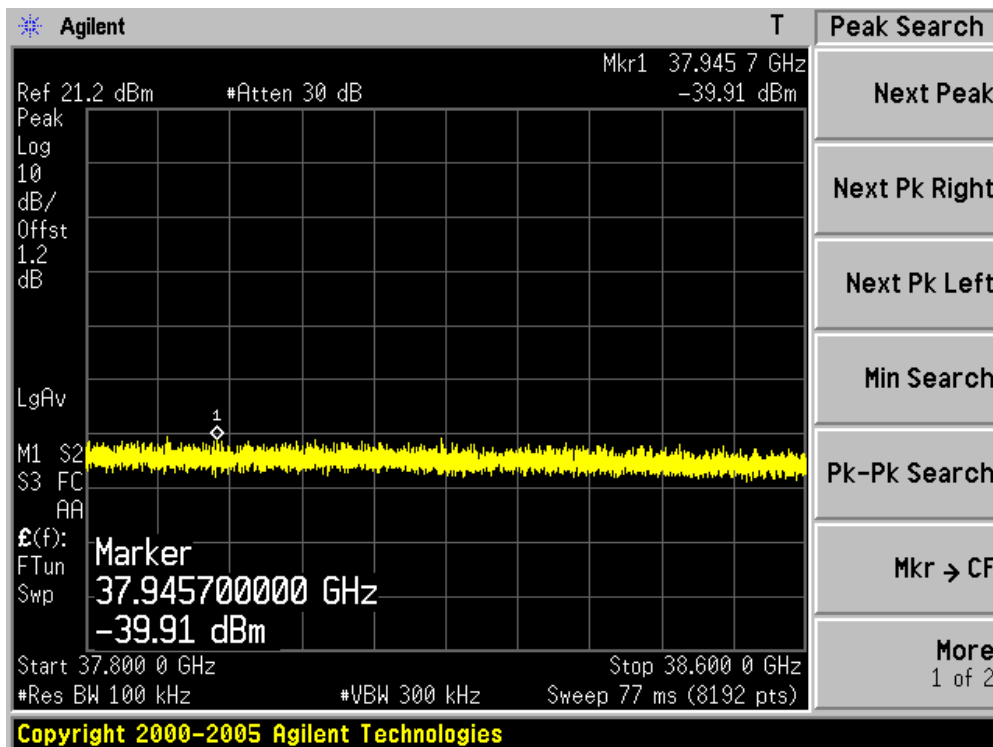
Channel 165 (5825MHz)-15



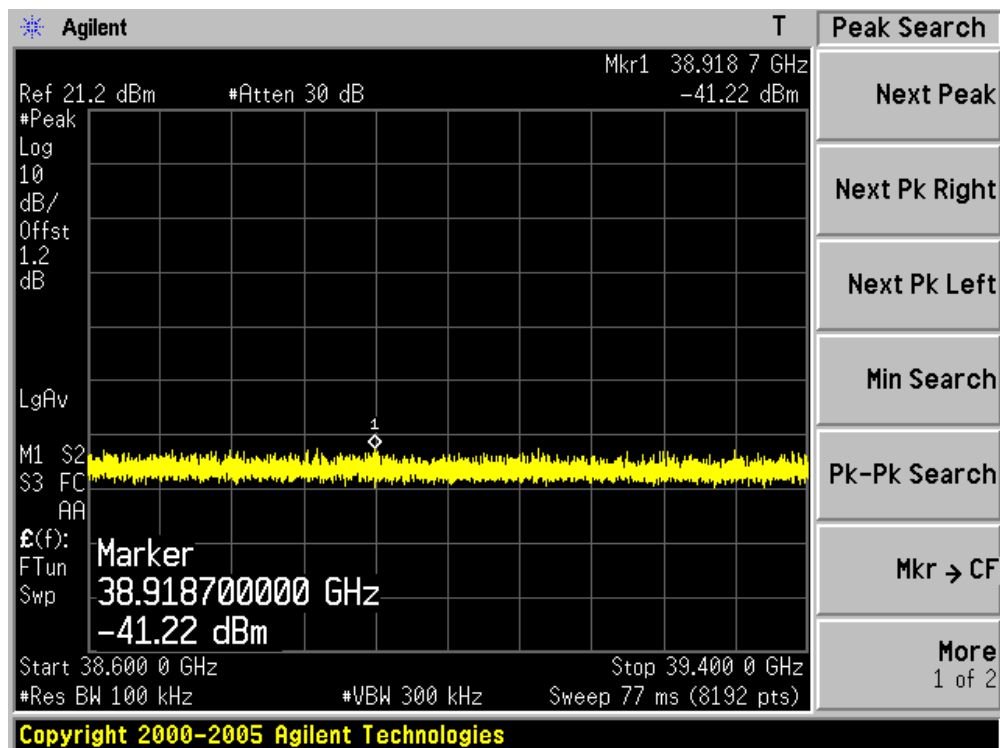
Channel 165 (5825MHz)-16



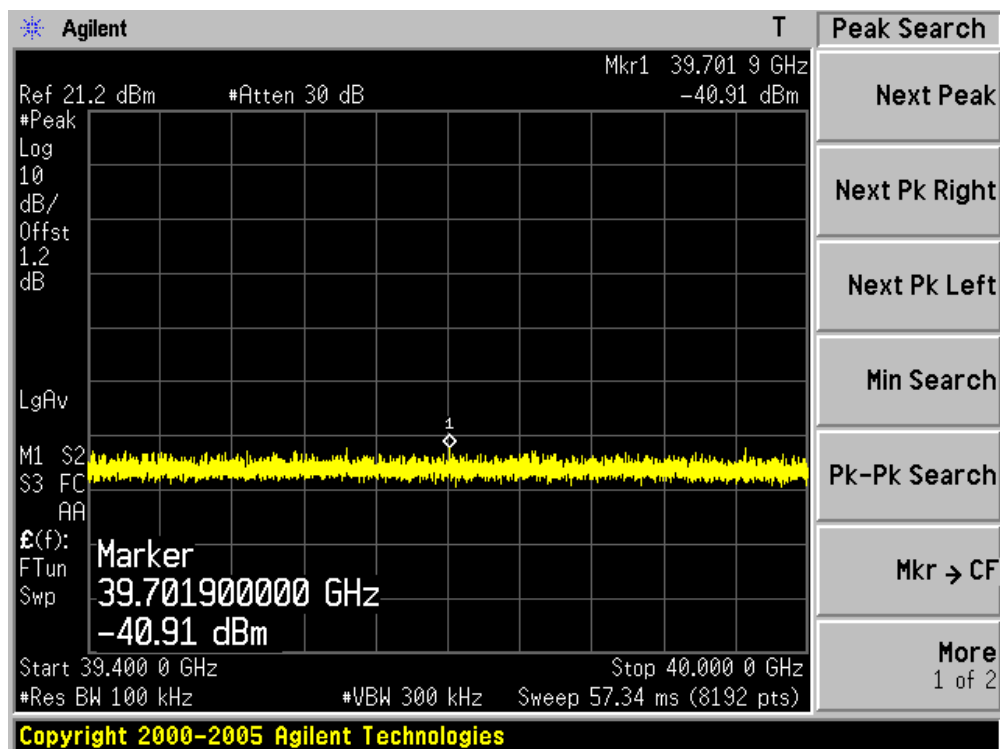
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

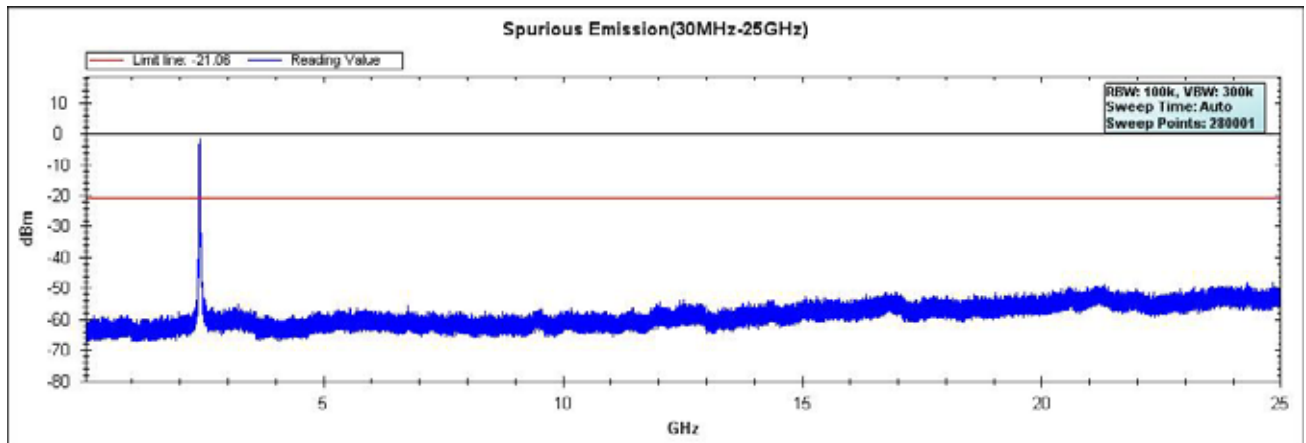


Channel 165 (5825MHz)-19

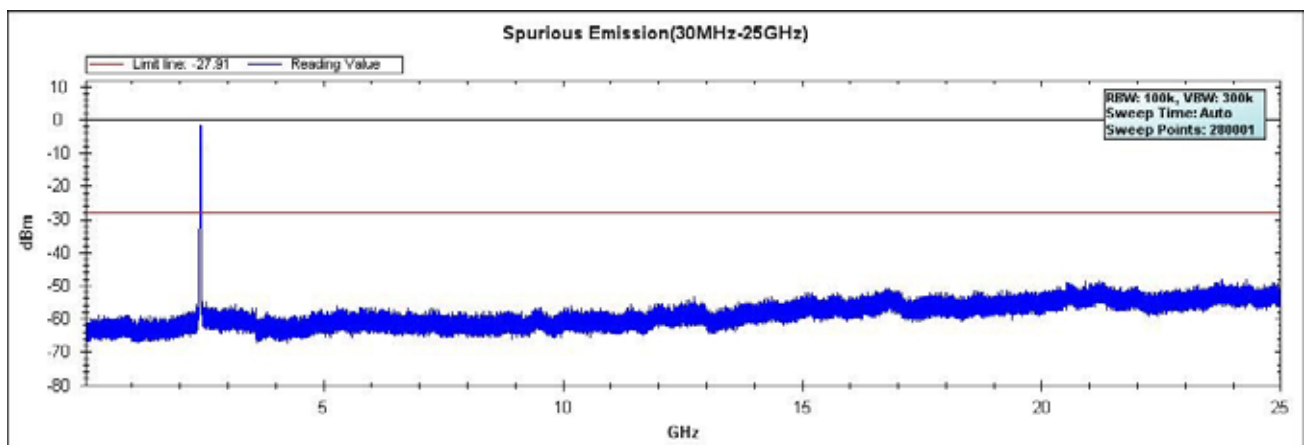


|           |   |                                            |
|-----------|---|--------------------------------------------|
| Product   | : | Mi Wi-Fi                                   |
| Test Item | : | RF Antenna Conducted Spurious              |
| Test Site | : | TR-8                                       |
| Test Mode | : | Mode 6: Transmit by 802.11n(40MHz) (Ant 1) |

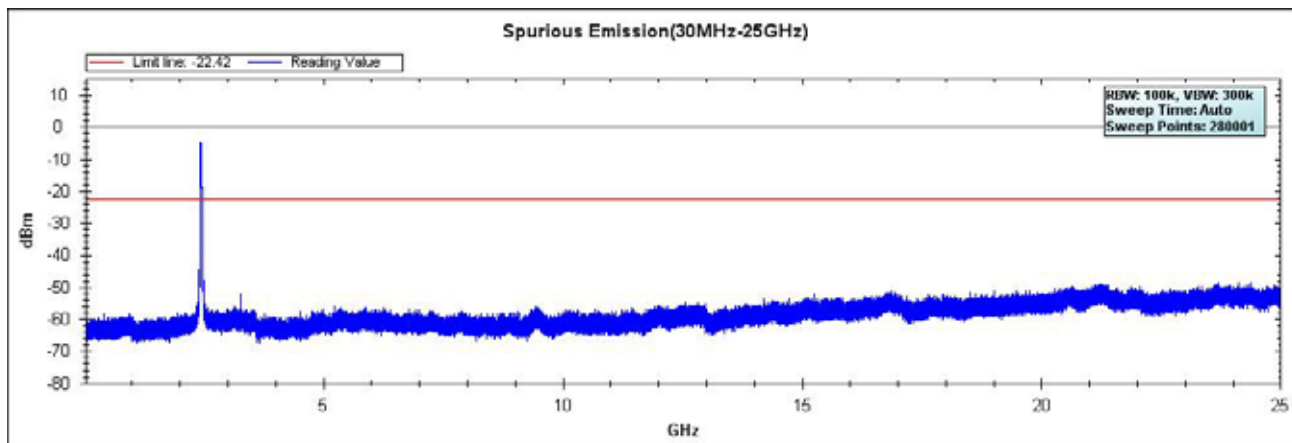
### Channel 03 (2422MHz)



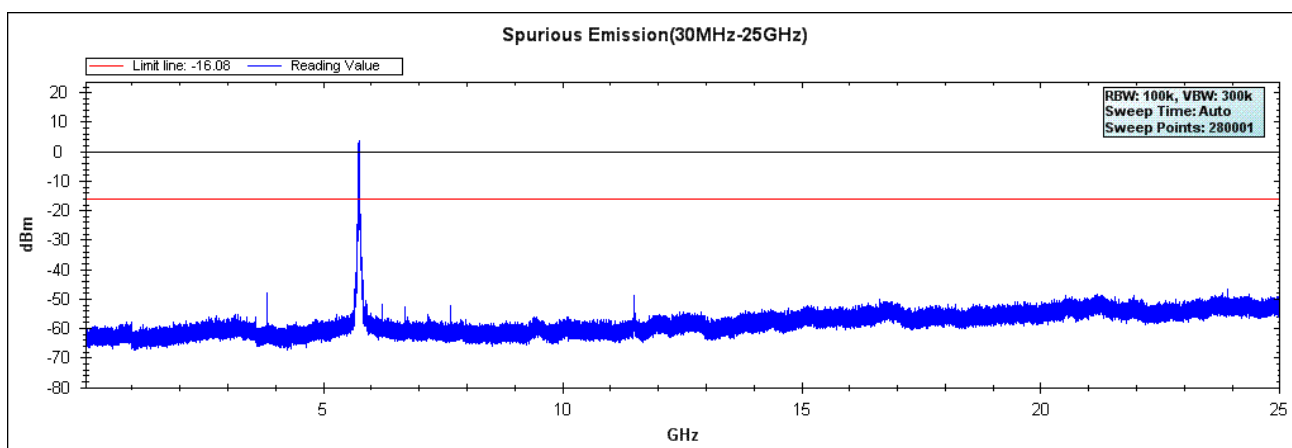
### Channel 06 (2437MHz)



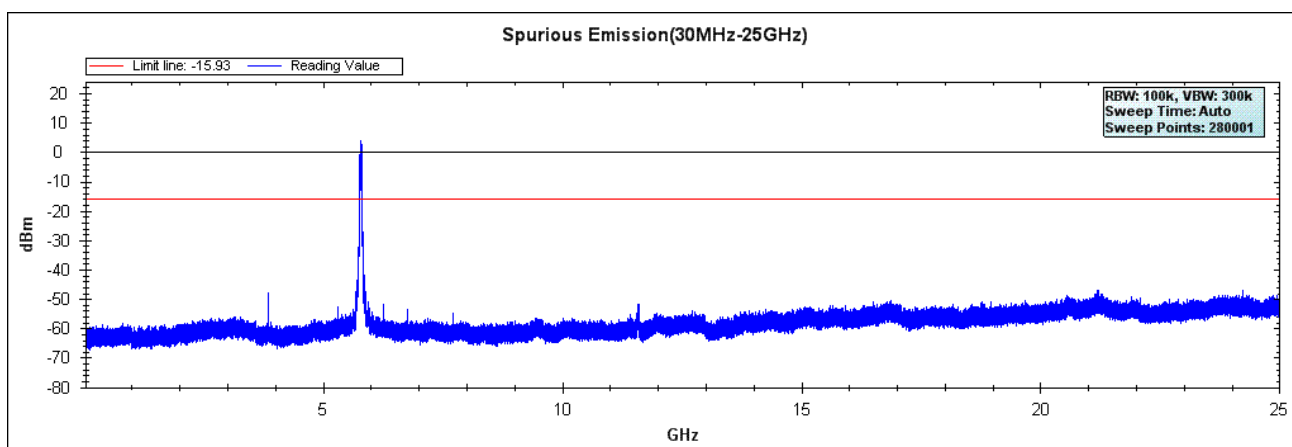
### Channel 09 (2452MHz)



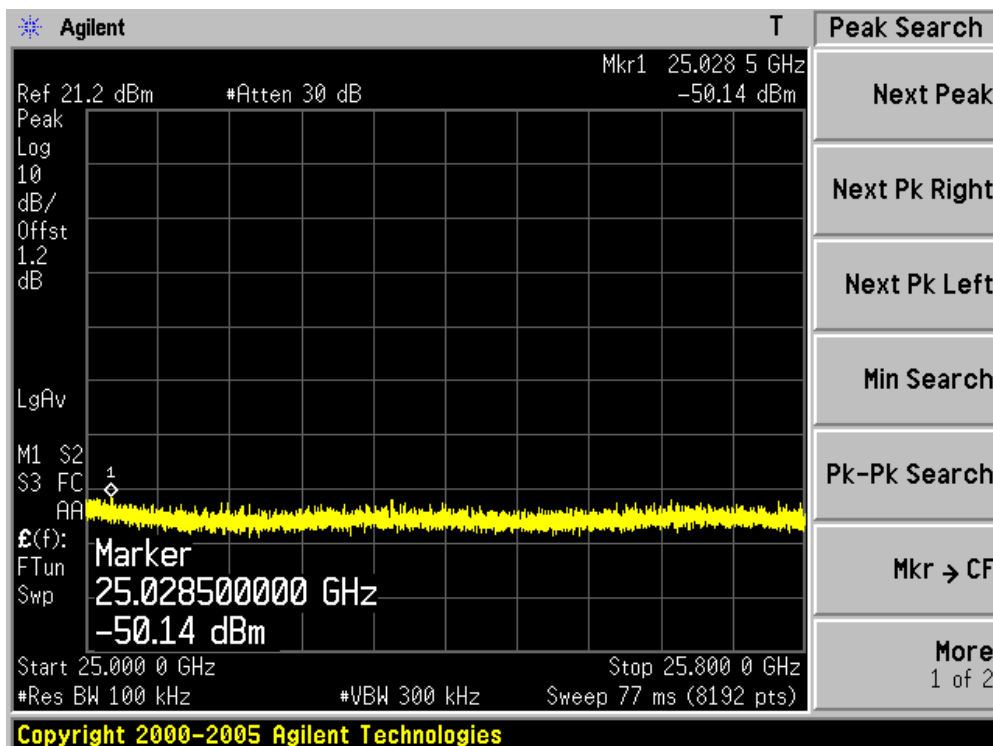
### Channel 151 (5755MHz)



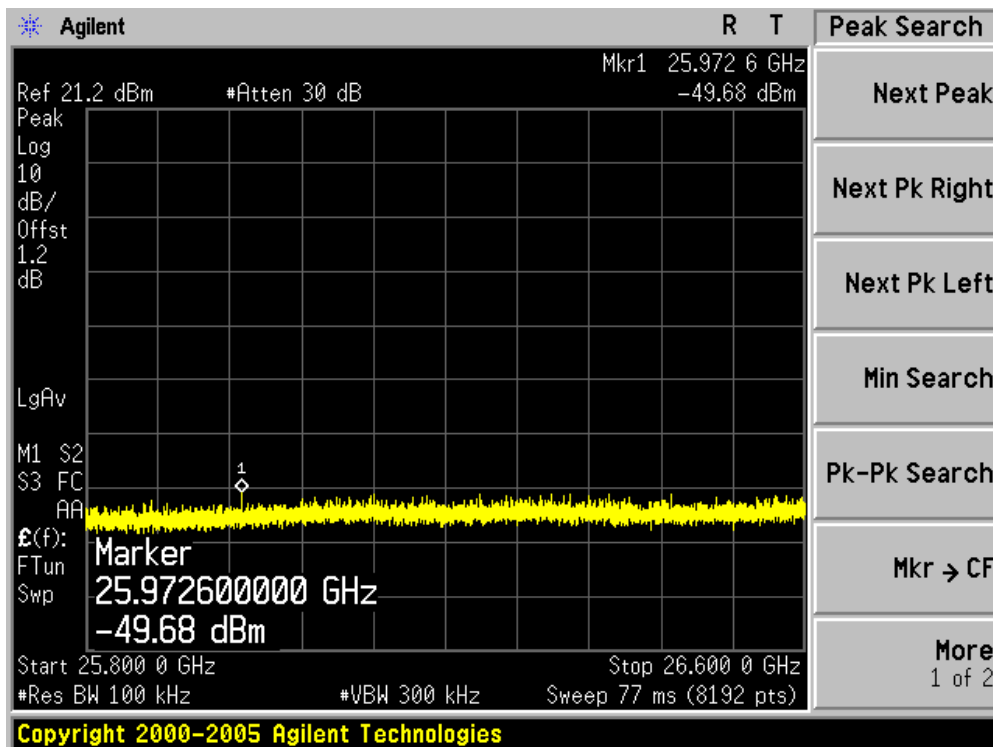
### Channel 159 (5795MHz)



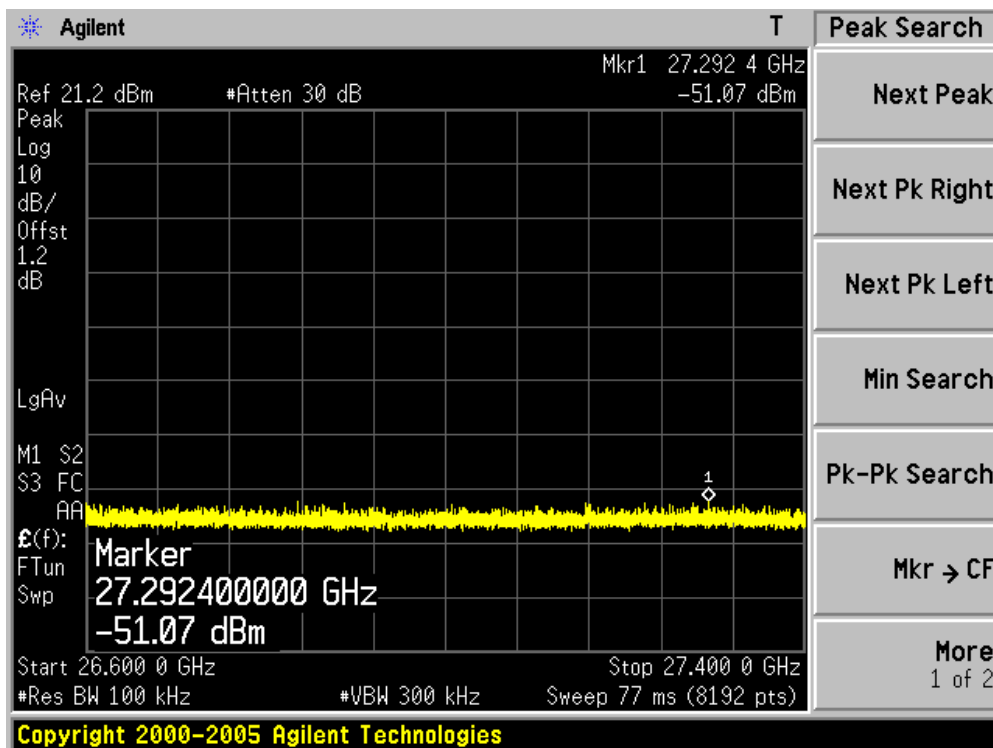
### Channel 151 (5755MHz)-1



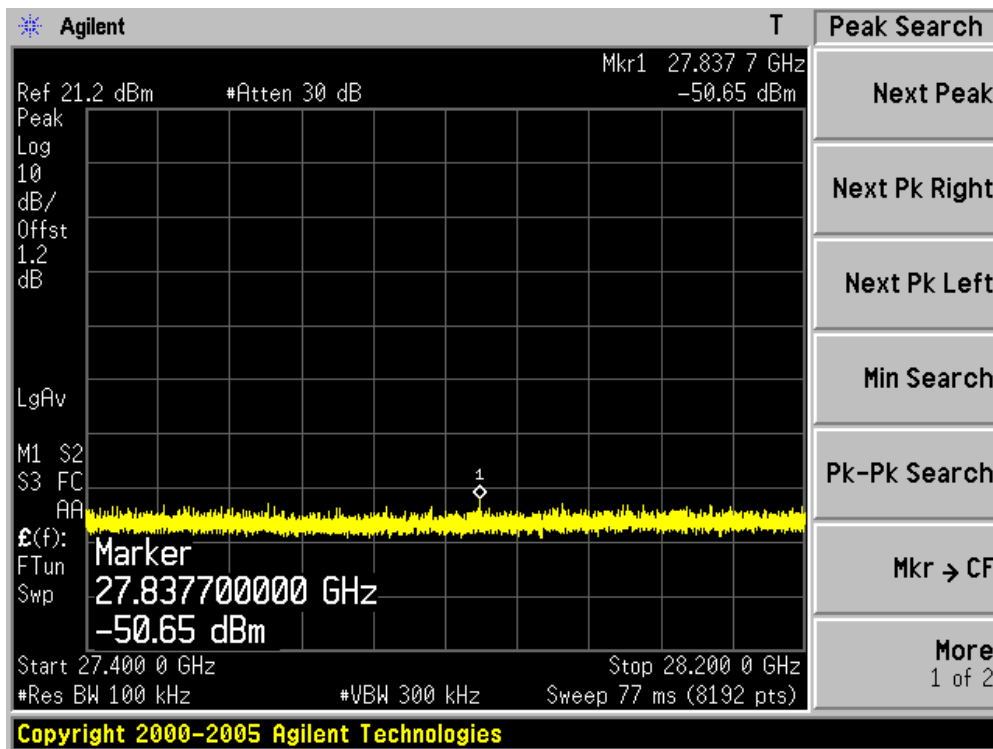
### Channel 151 (5755MHz)-2



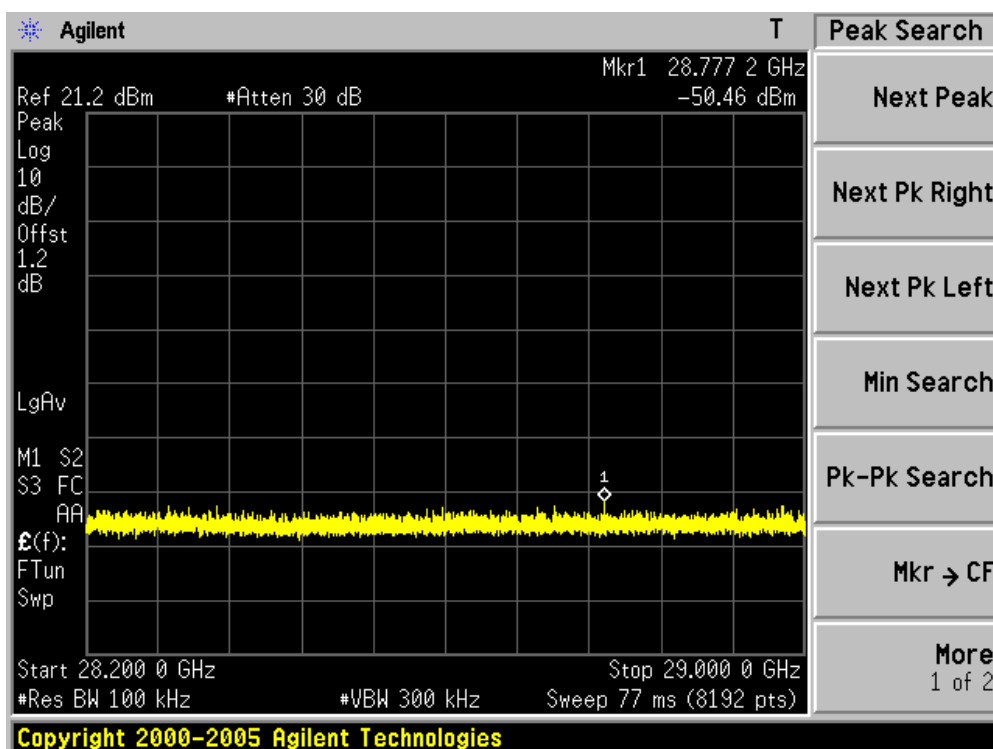
Channel 151 (5755MHz)-3



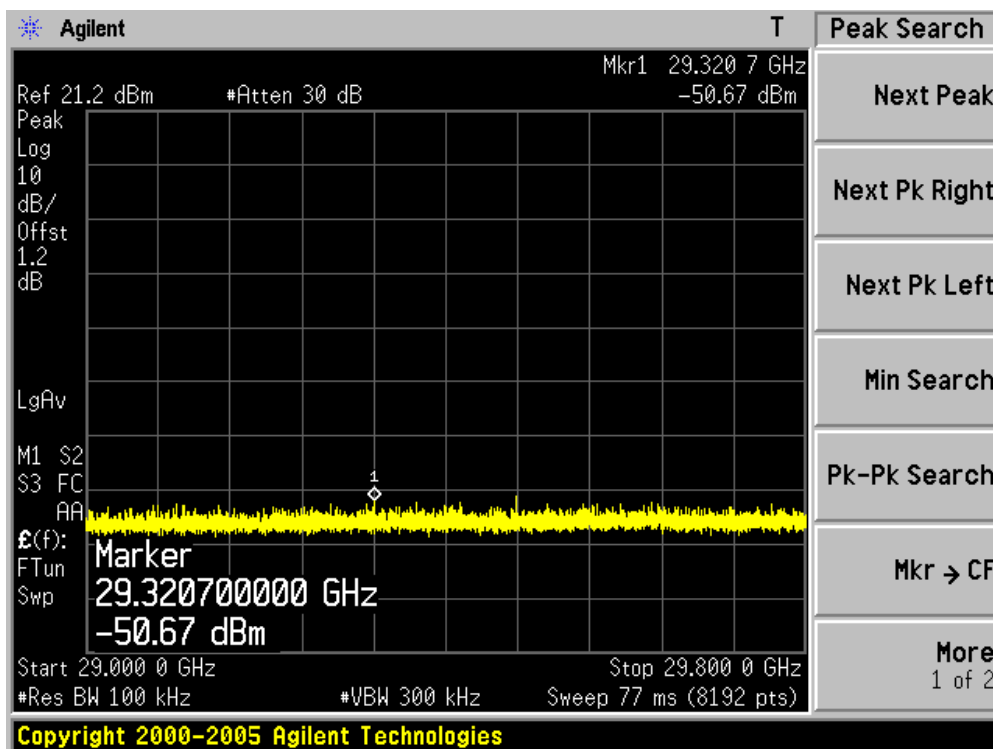
Channel 151 (5755MHz)-4



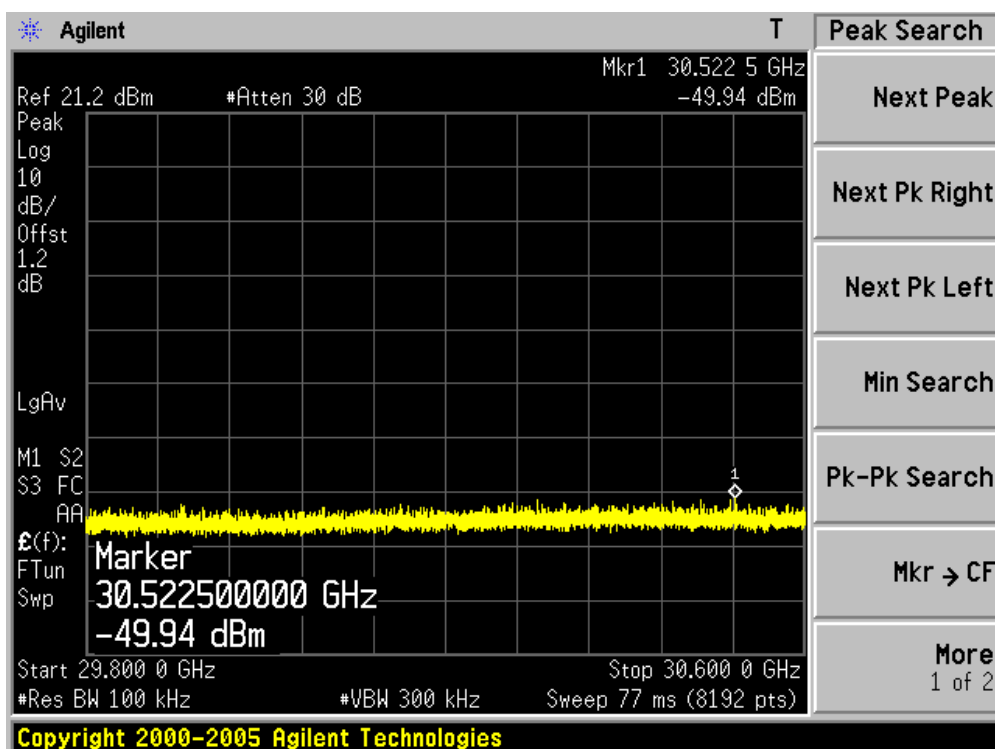
### Channel 151 (5755MHz)-5



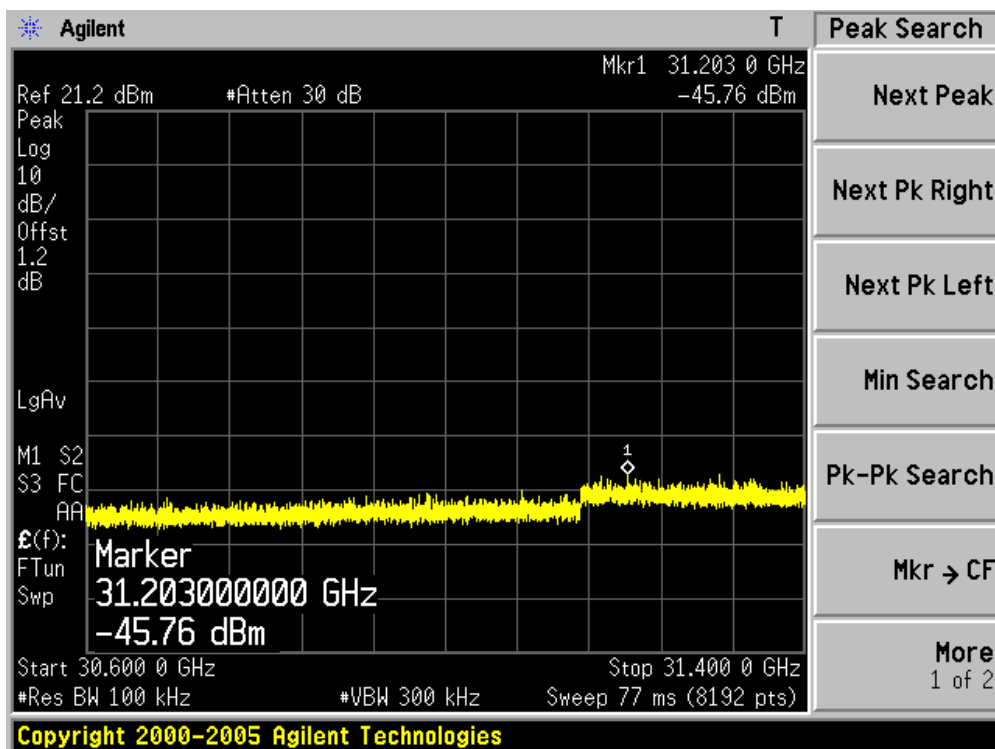
### Channel 151 (5755MHz)-6



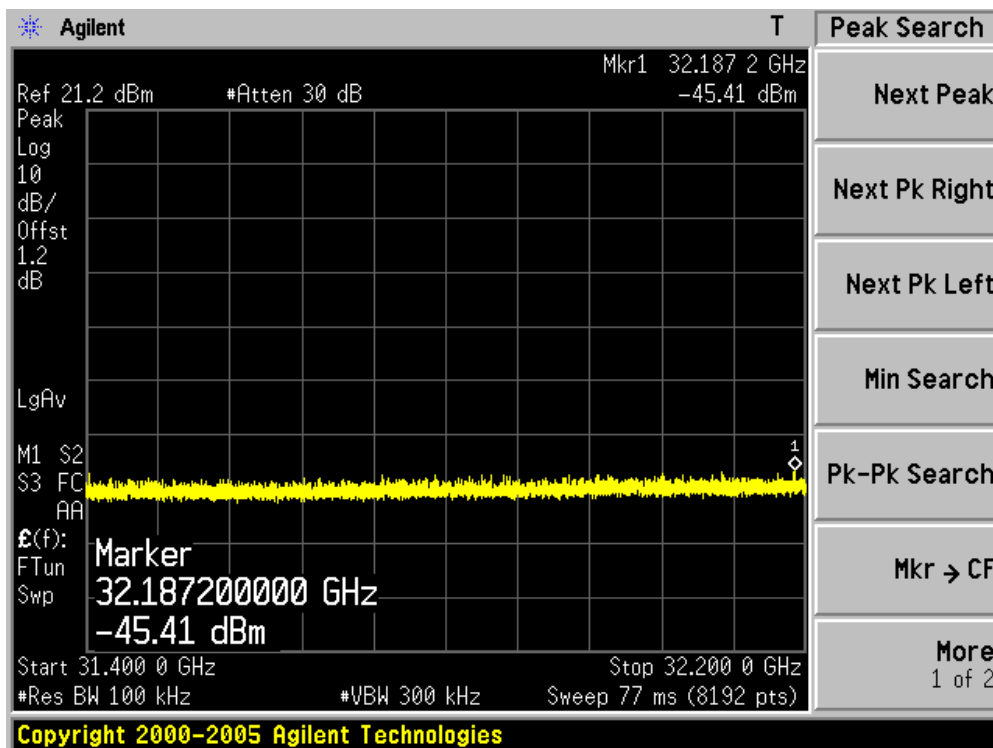
### Channel 151 (5755MHz)-7



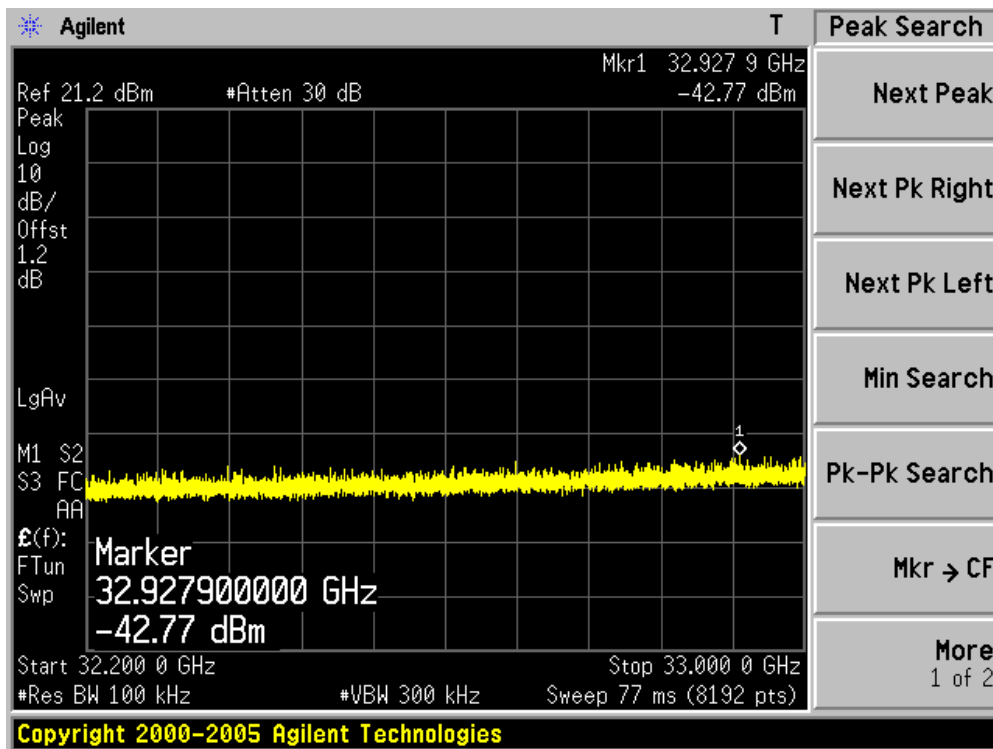
### Channel 151 (5755MHz)-8



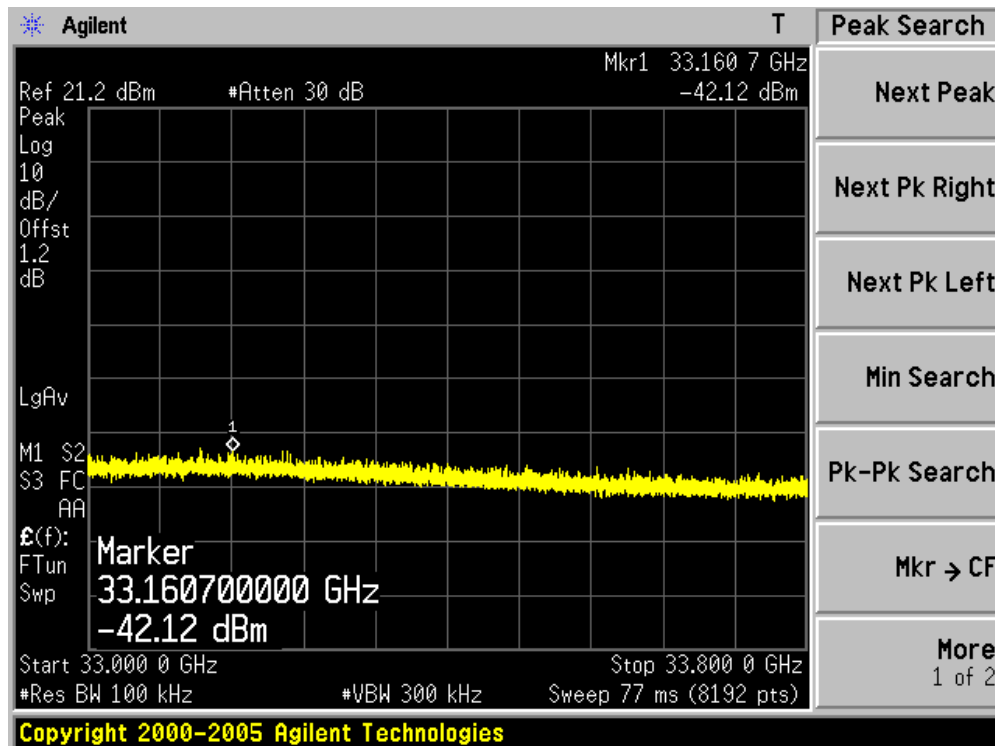
Channel 151 (5755MHz)-9



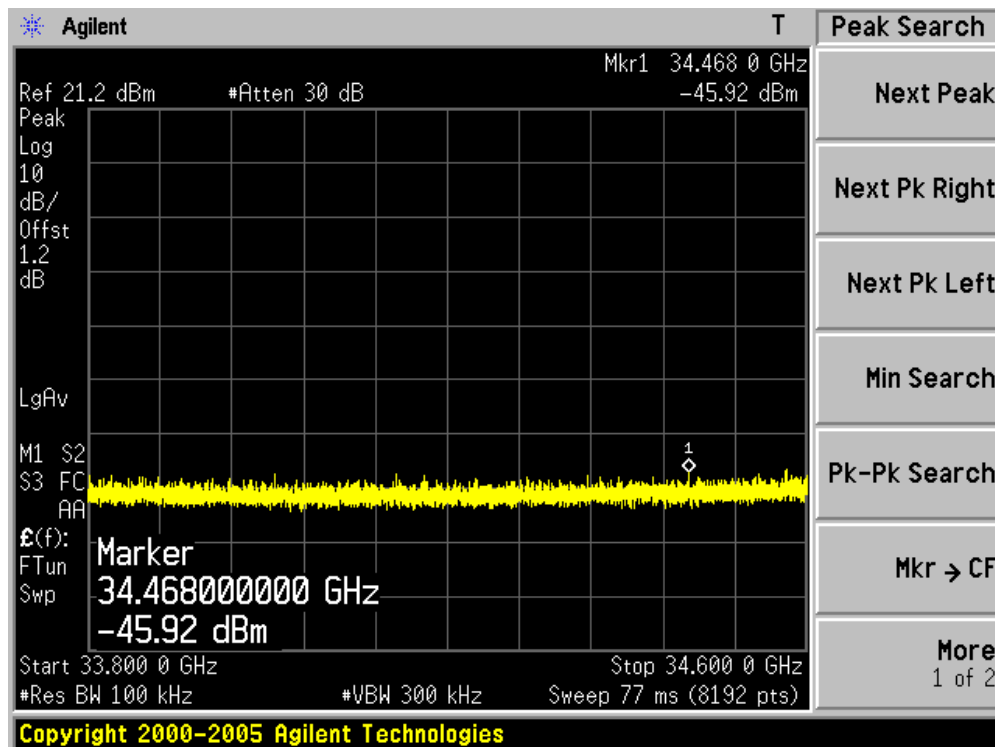
Channel 151 (5755MHz)-10



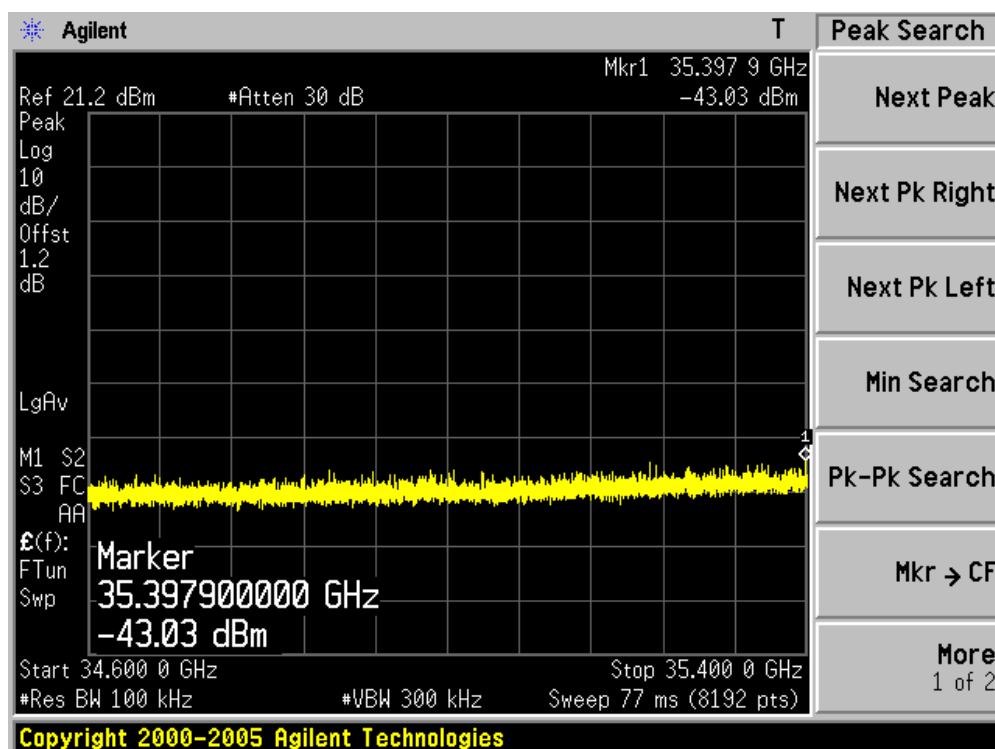
### Channel 151 (5755MHz)-11



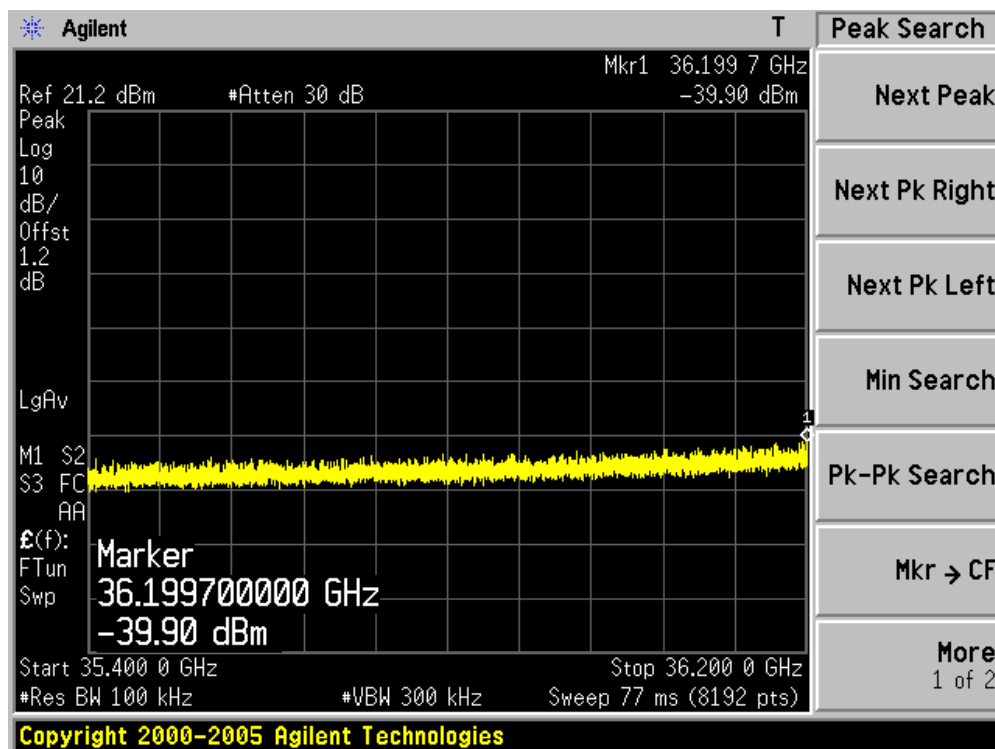
### Channel 151 (5755MHz)-12



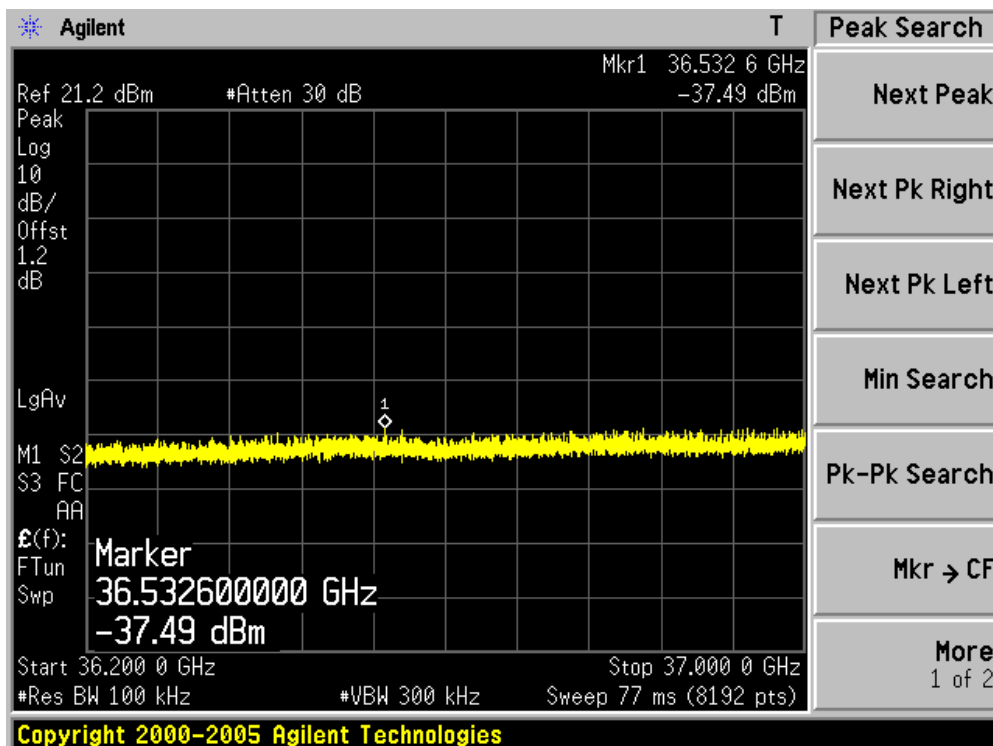
### Channel 151 (5755MHz)-13



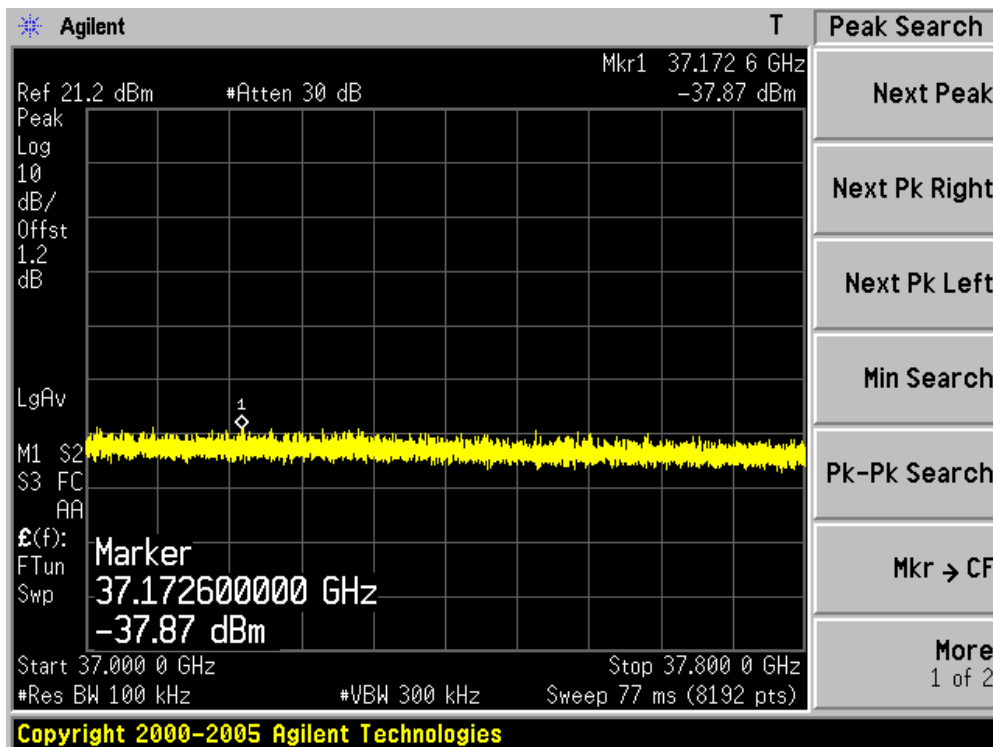
### Channel 151 (5755MHz)-14



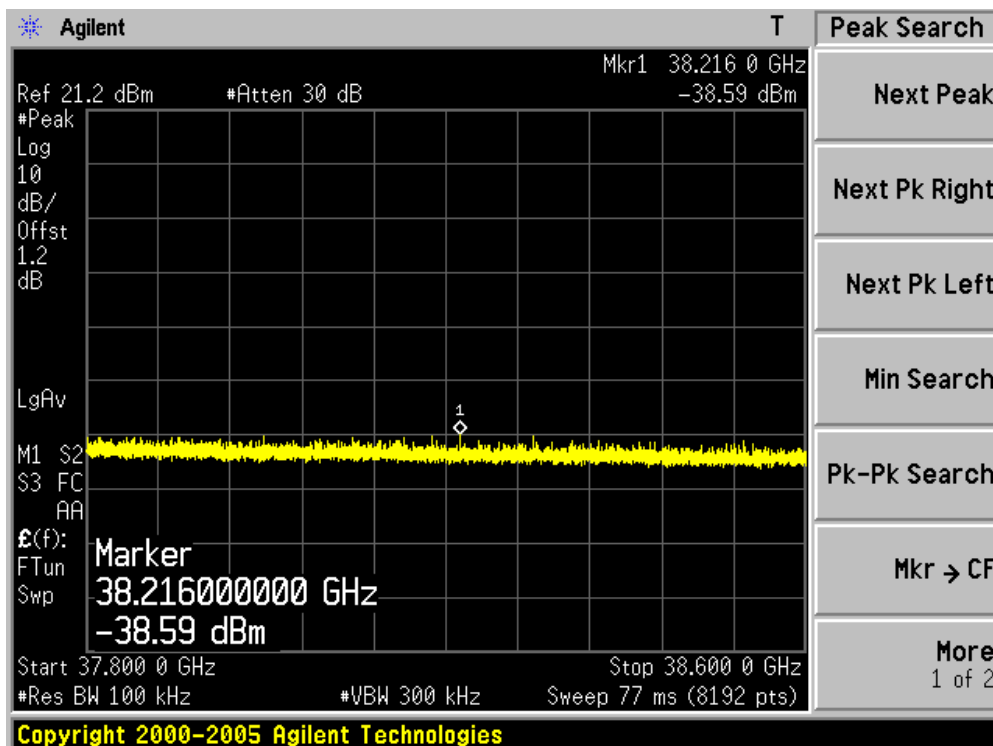
Channel 151 (5755MHz)-15



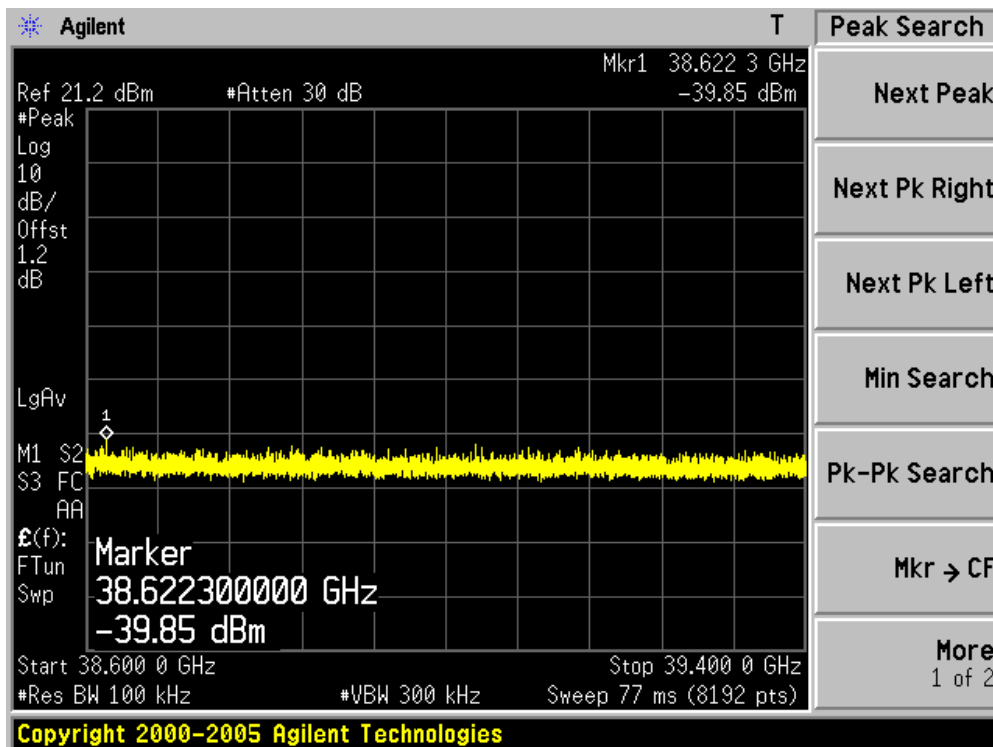
Channel 151 (5755MHz)-16



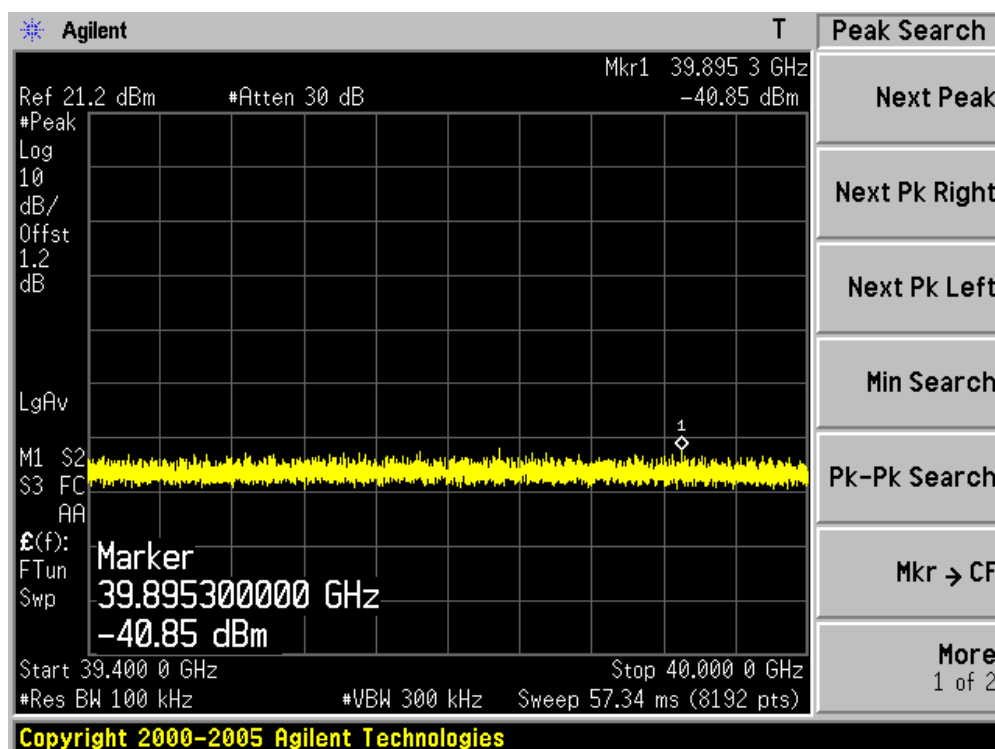
Channel 151 (5755MHz)-17



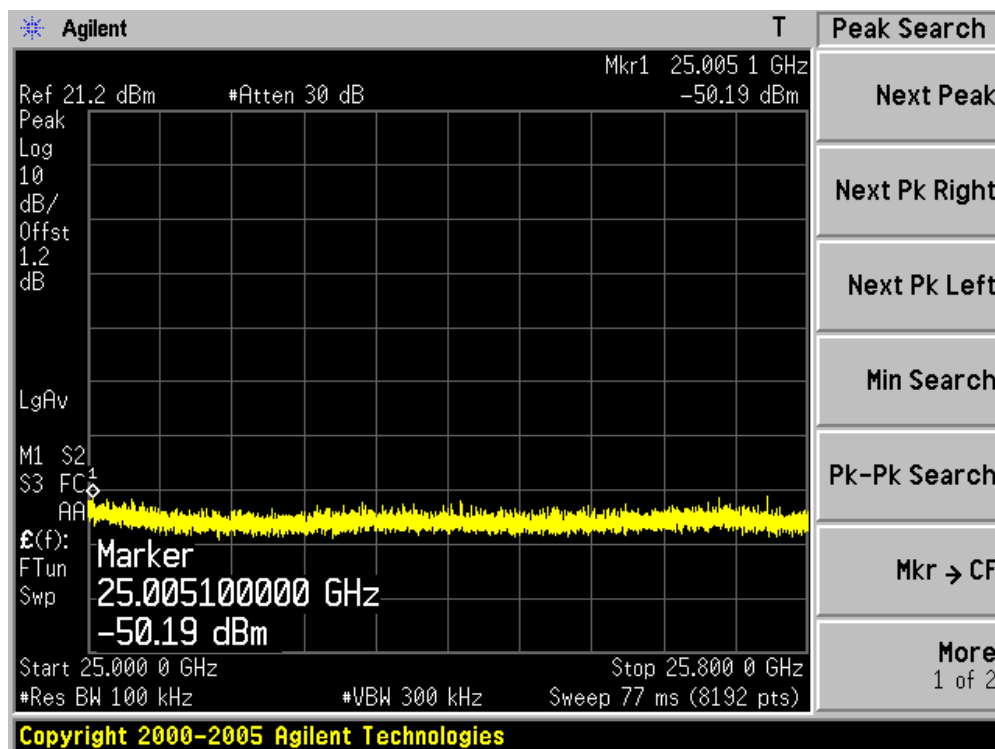
Channel 151 (5755MHz)-18



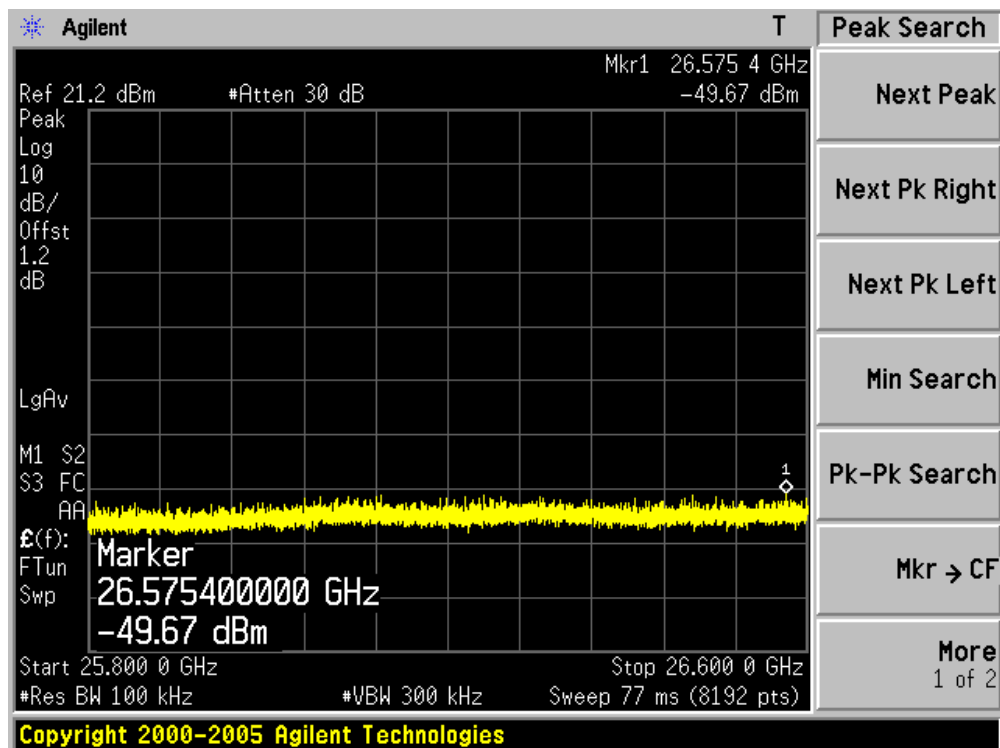
### Channel 151 (5755MHz)-19



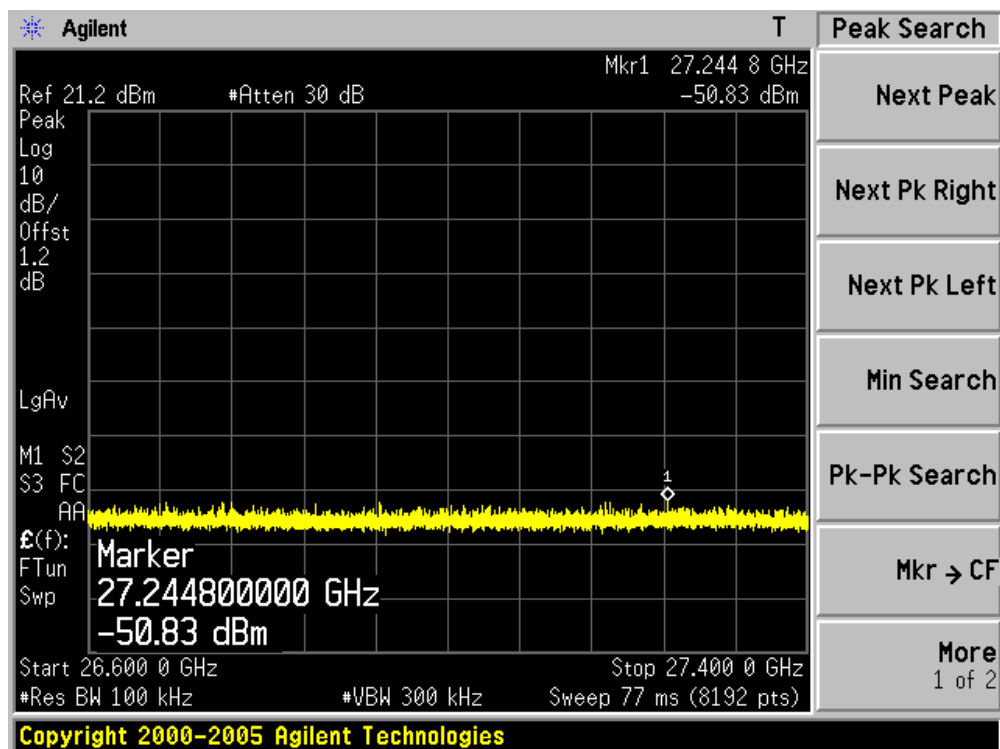
### Channel 159 (5795MHz)-1



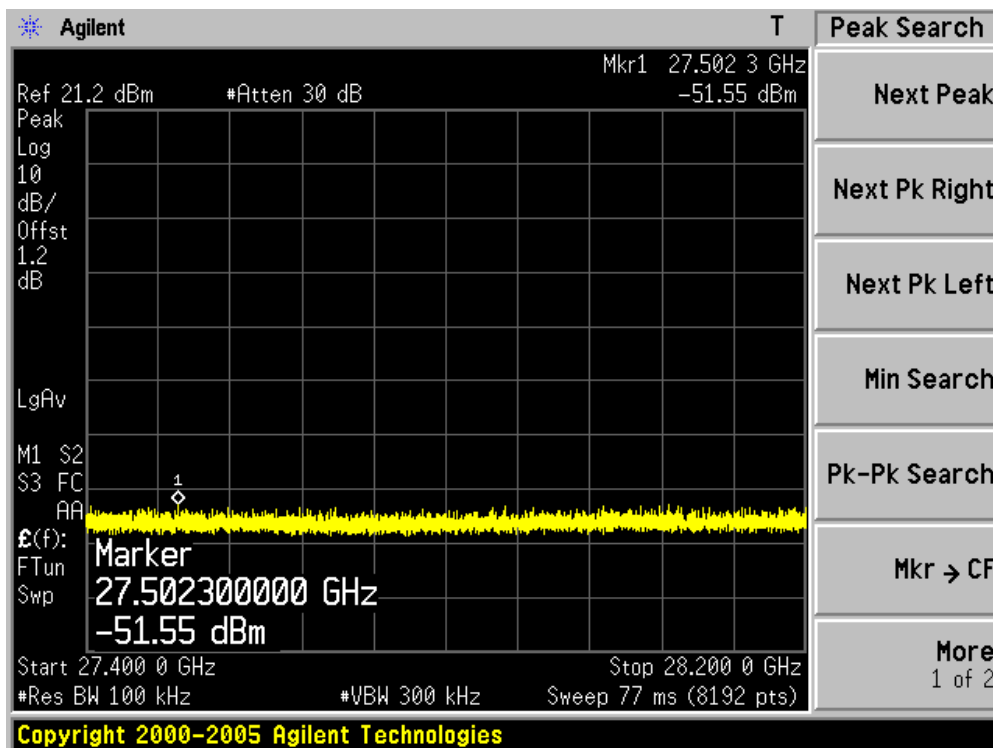
### Channel 159 (5795MHz)-2



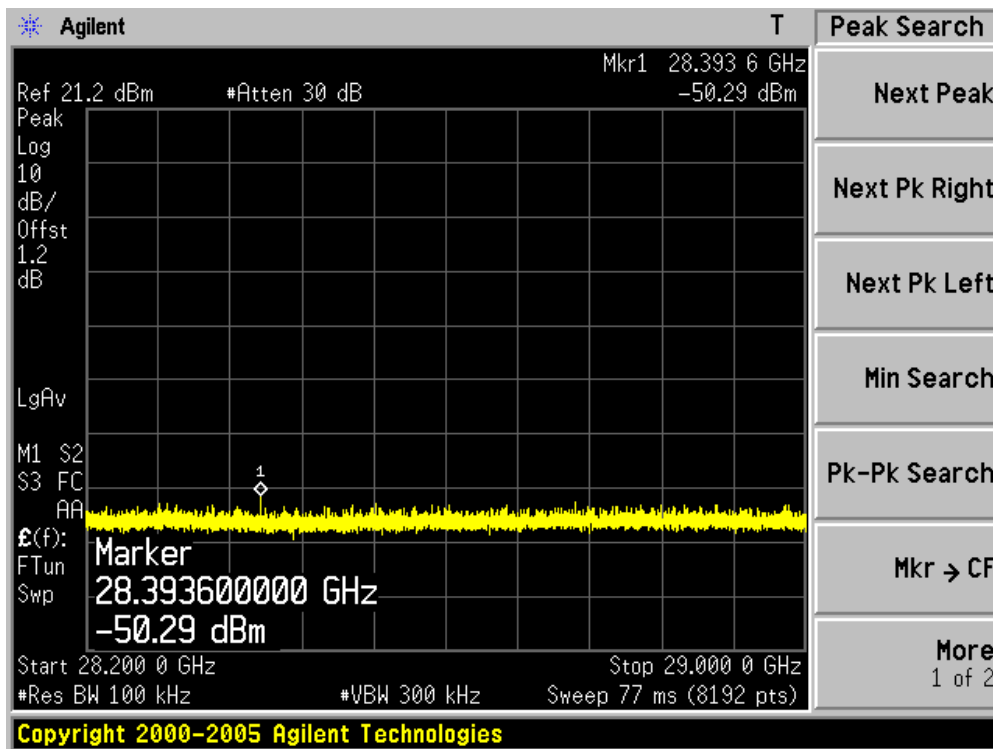
### Channel 159 (5795MHz)-3



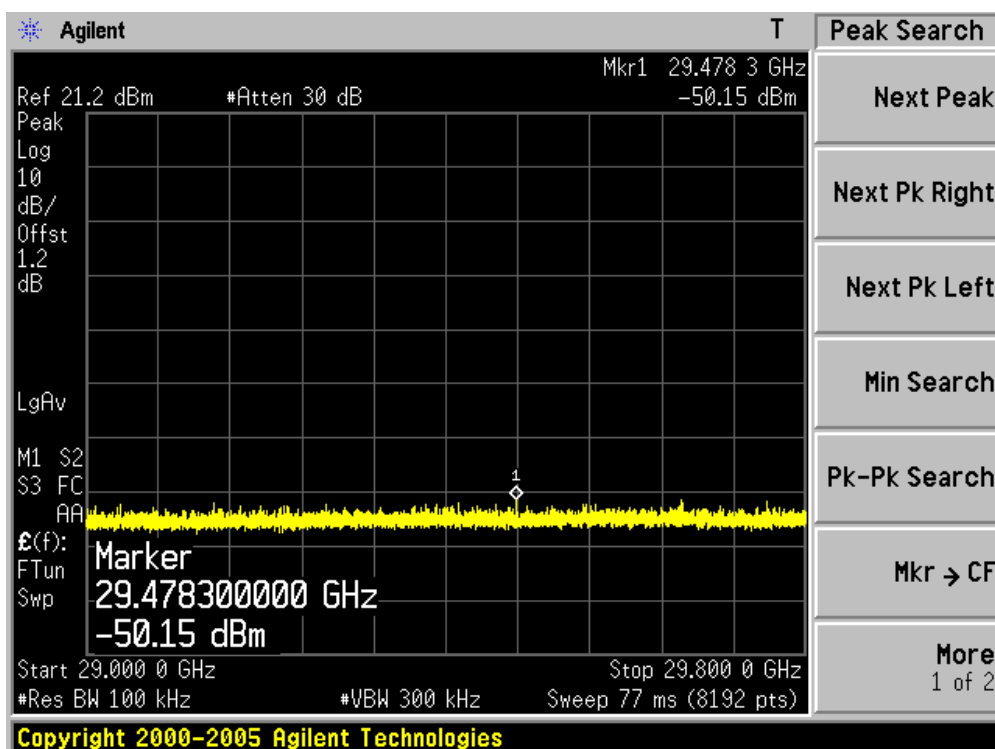
Channel 159 (5795MHz)-4



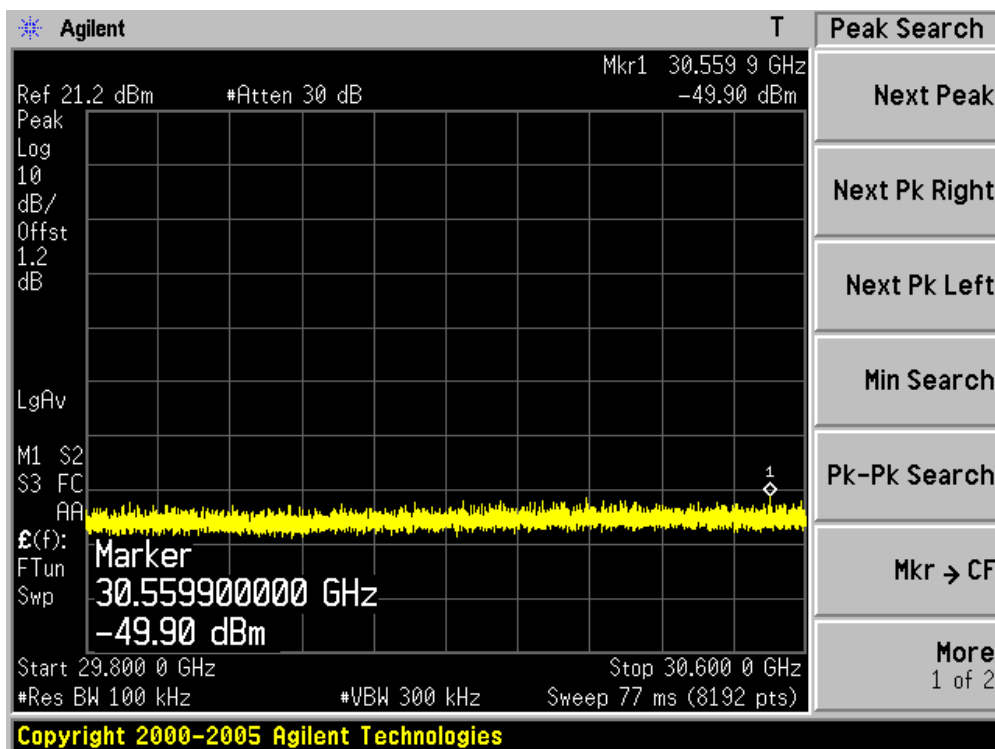
Channel 159 (5795MHz)-5



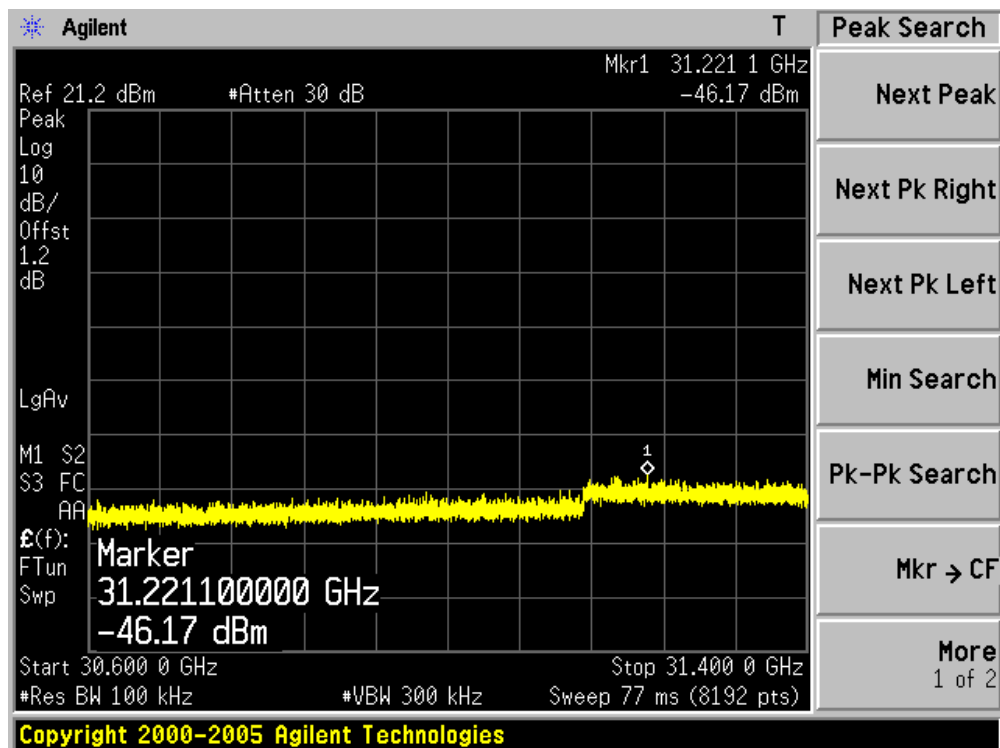
### Channel 159 (5795MHz)-6



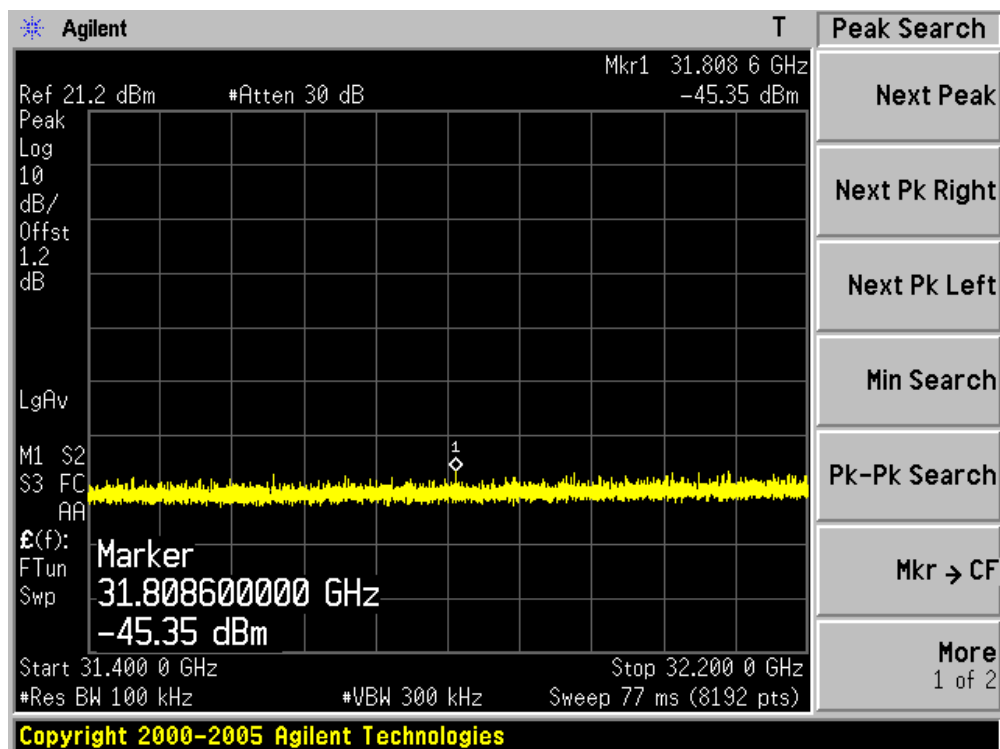
### Channel 159 (5795MHz)-7



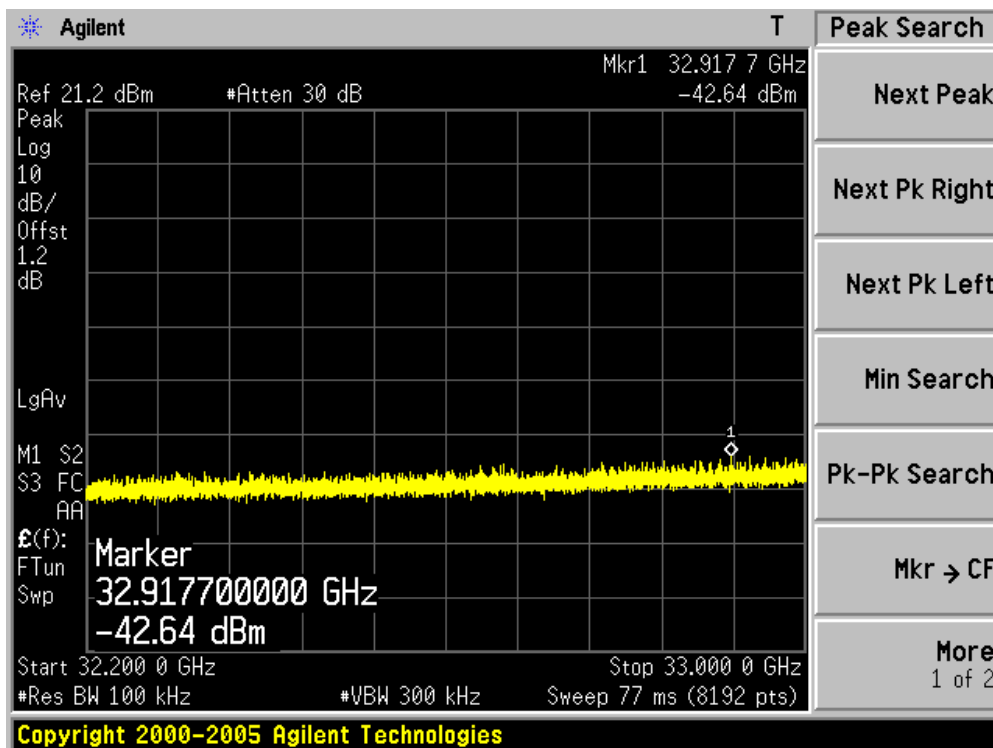
Channel 159 (5795MHz)-8



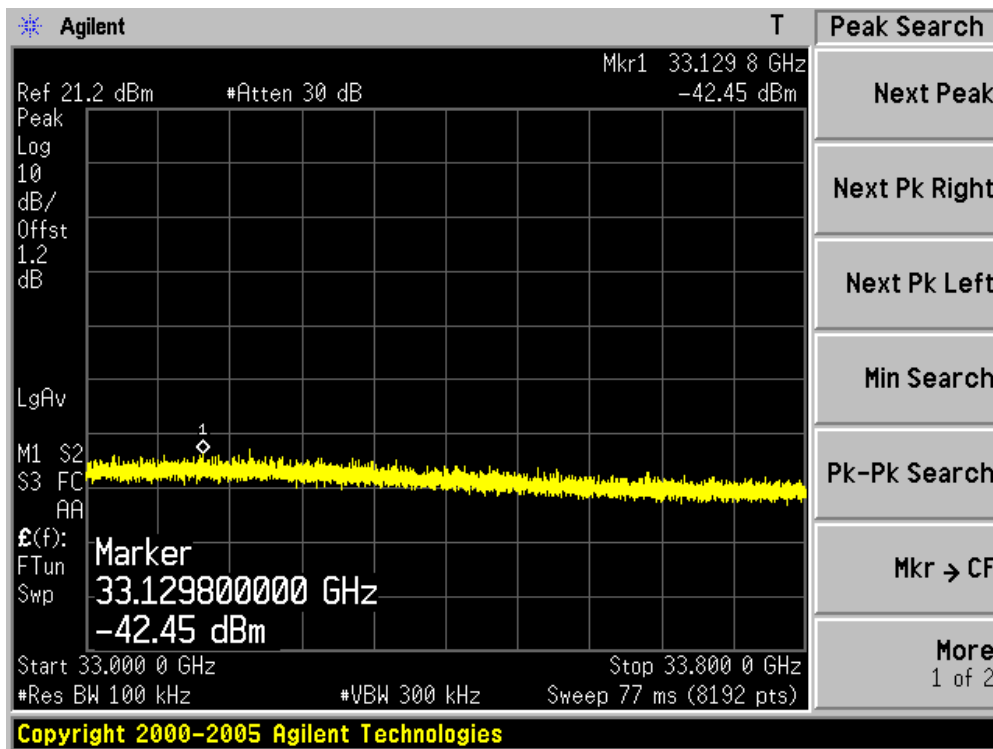
Channel 159 (5795MHz)-9



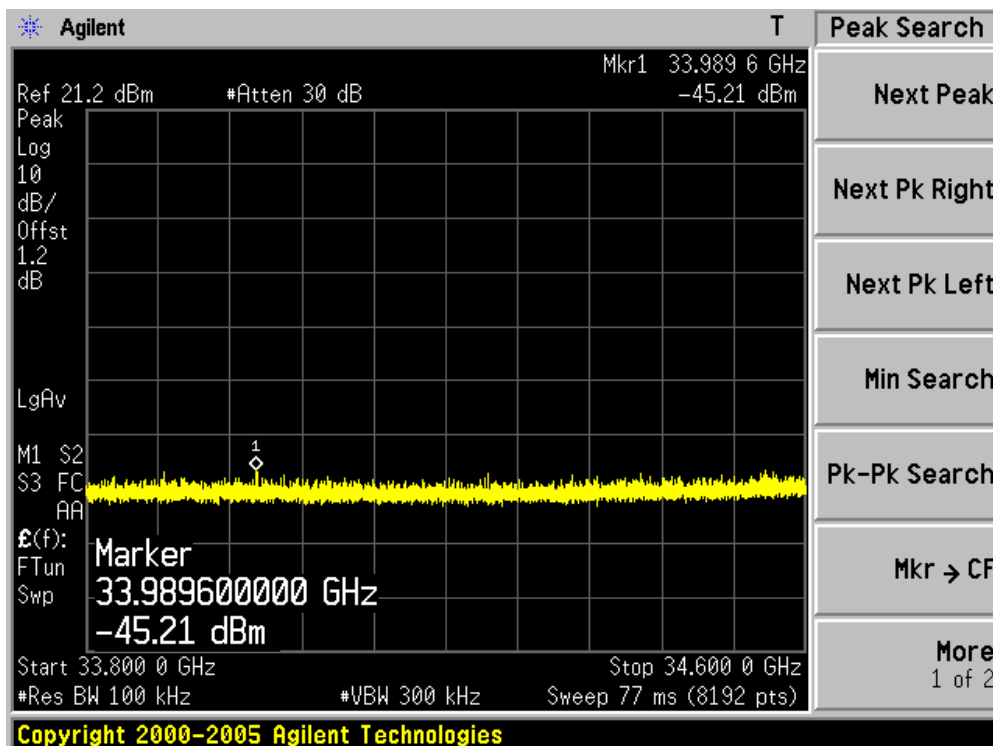
Channel 159 (5795MHz)-10



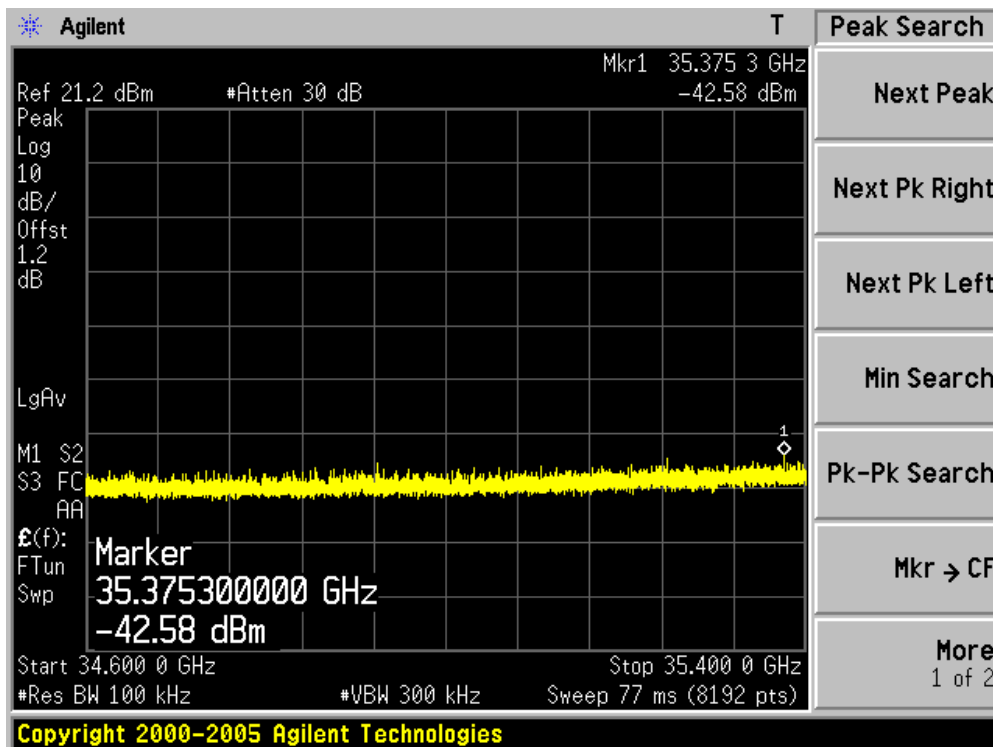
Channel 159 (5795MHz)-11



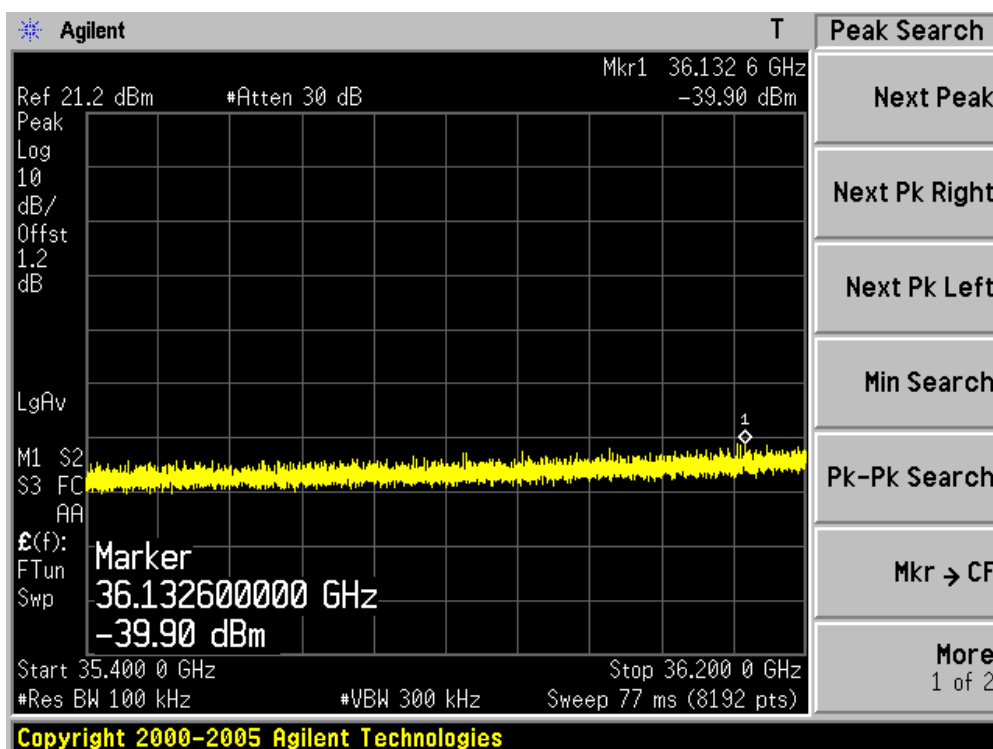
Channel 159 (5795MHz)-12



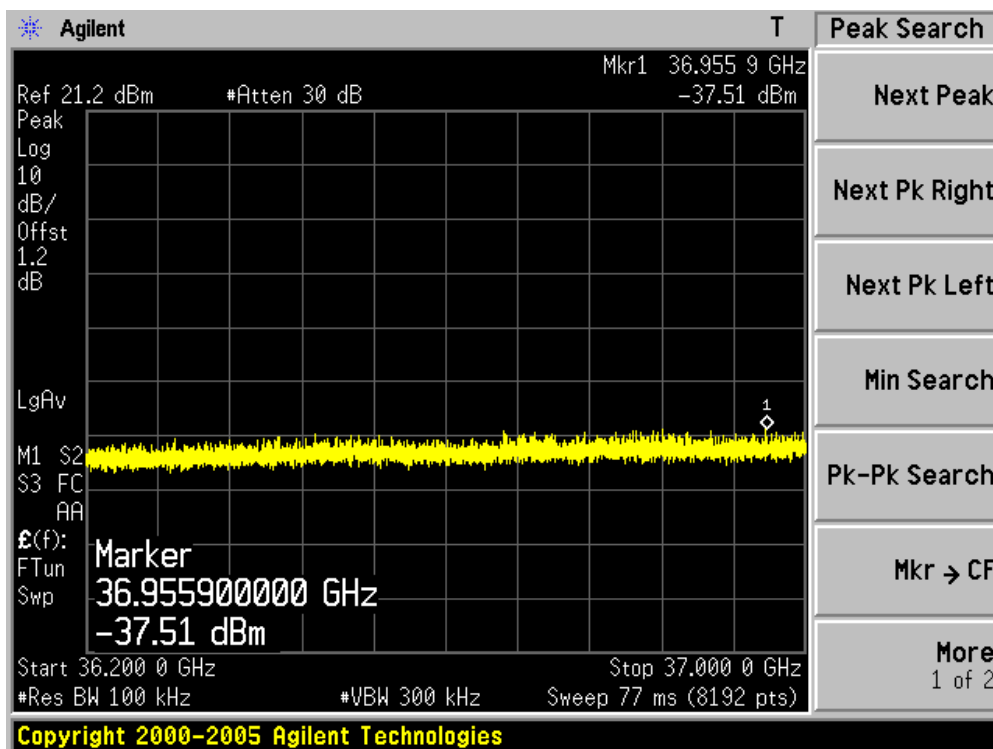
Channel 159 (5795MHz)-13



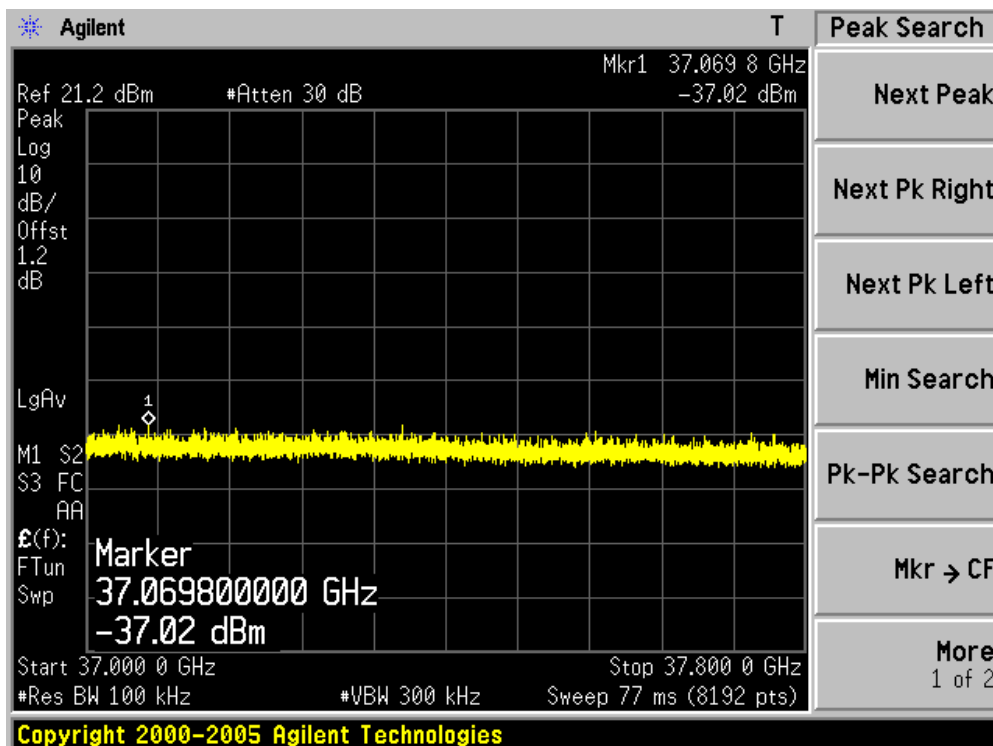
Channel 159 (5795MHz)-14



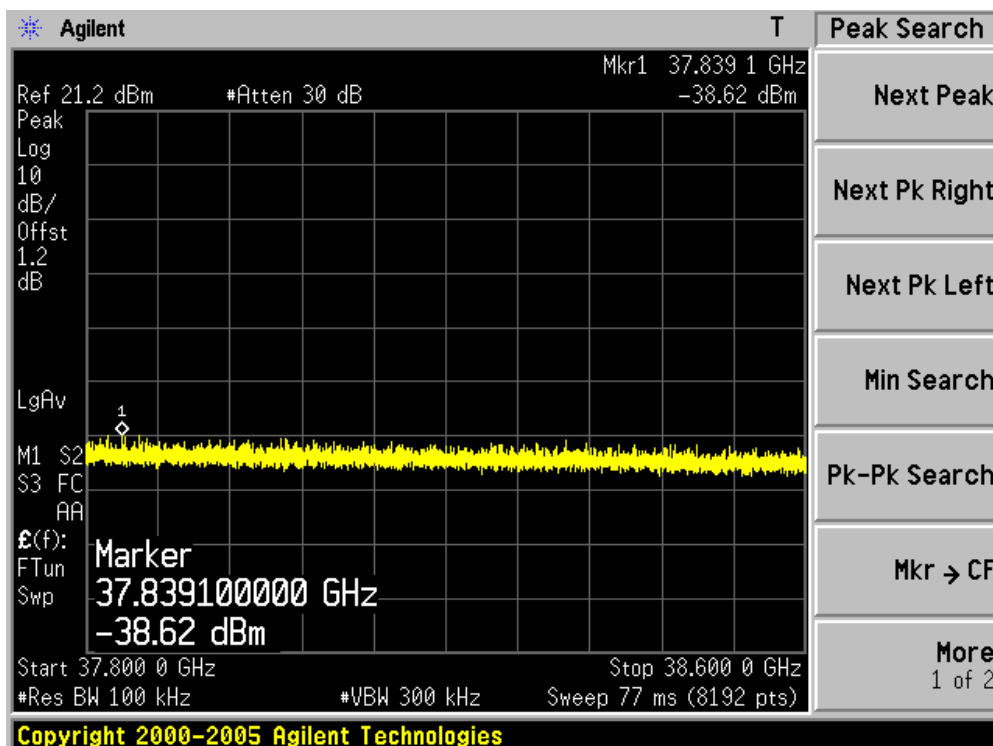
Channel 159 (5795MHz)-15



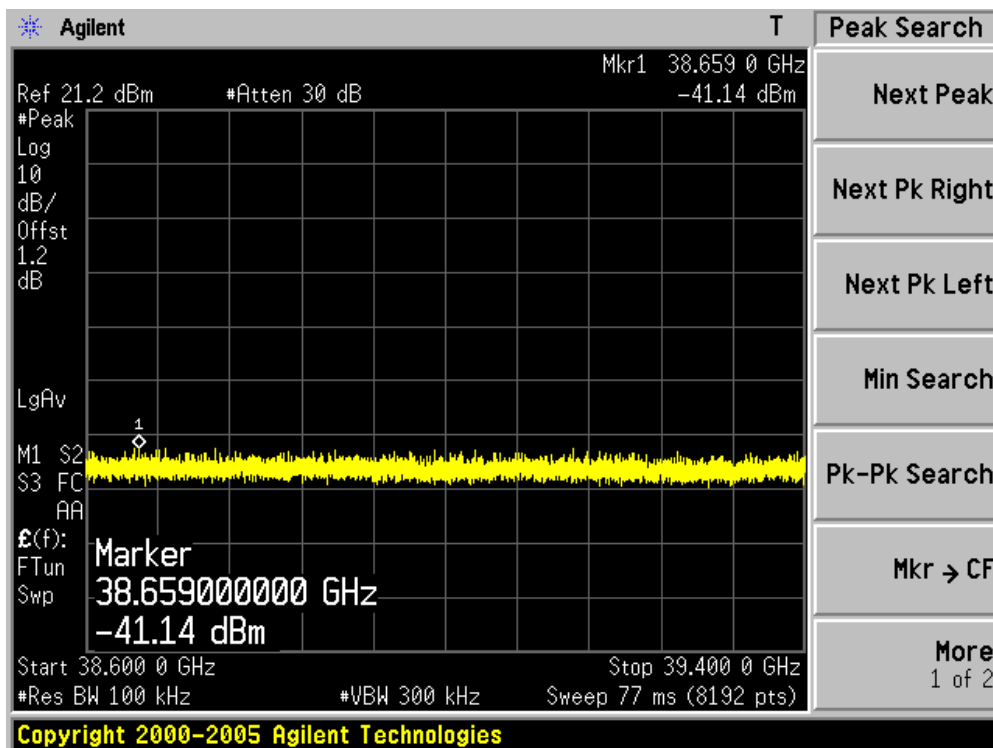
Channel 159 (5795MHz)-16



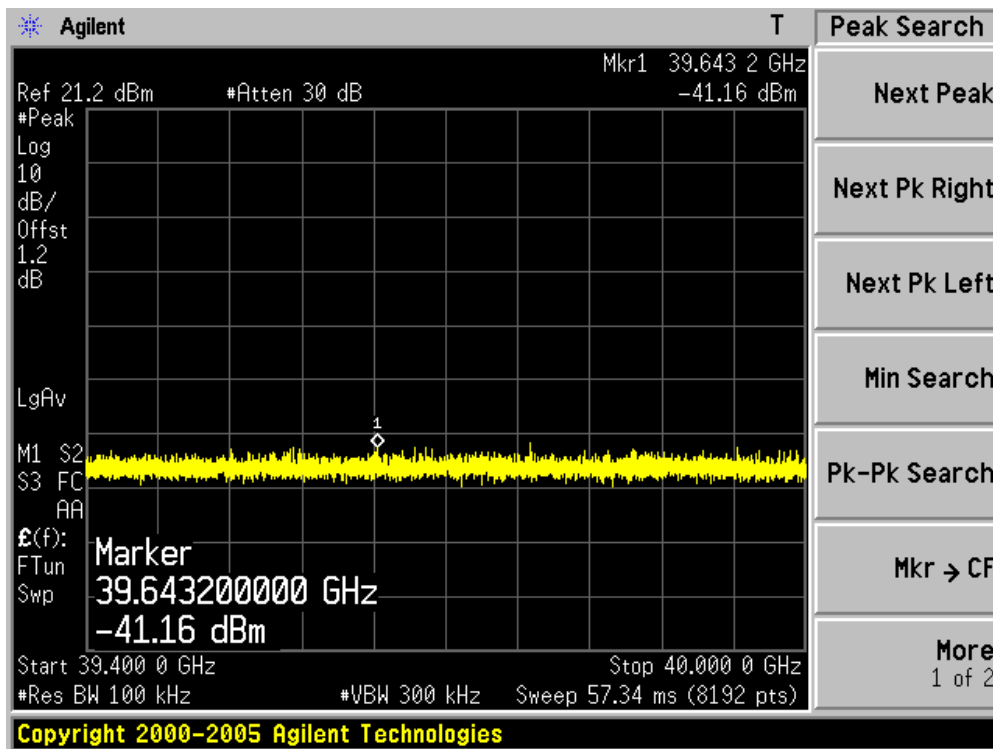
Channel 159 (5795MHz)-17



Channel 159 (5795MHz)-18

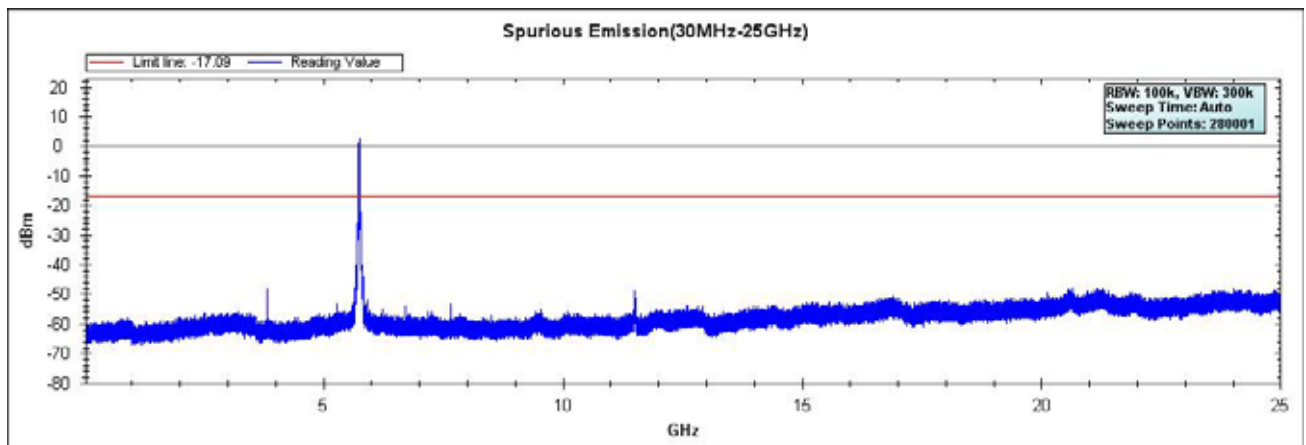


Channel 159 (5795MHz)-19

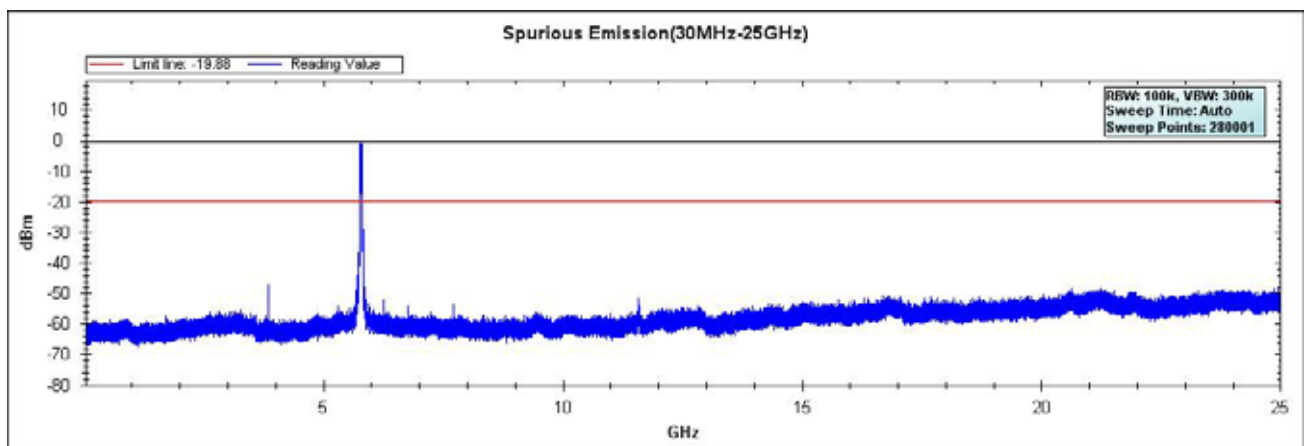


|           |   |                                             |
|-----------|---|---------------------------------------------|
| Product   | : | Mi Wi-Fi                                    |
| Test Item | : | RF Antenna Conducted Spurious               |
| Test Site | : | TR-8                                        |
| Test Mode | : | Mode 7: Transmit by 802.11ac(40MHz) (Ant 1) |

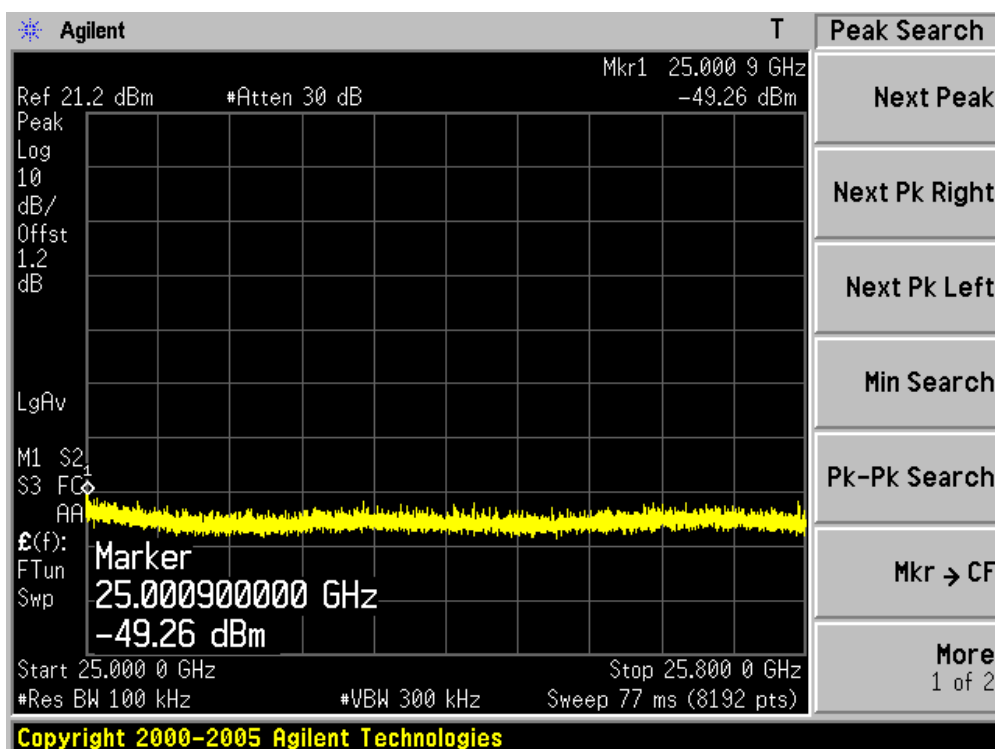
### Channel 151 (5755MHz)



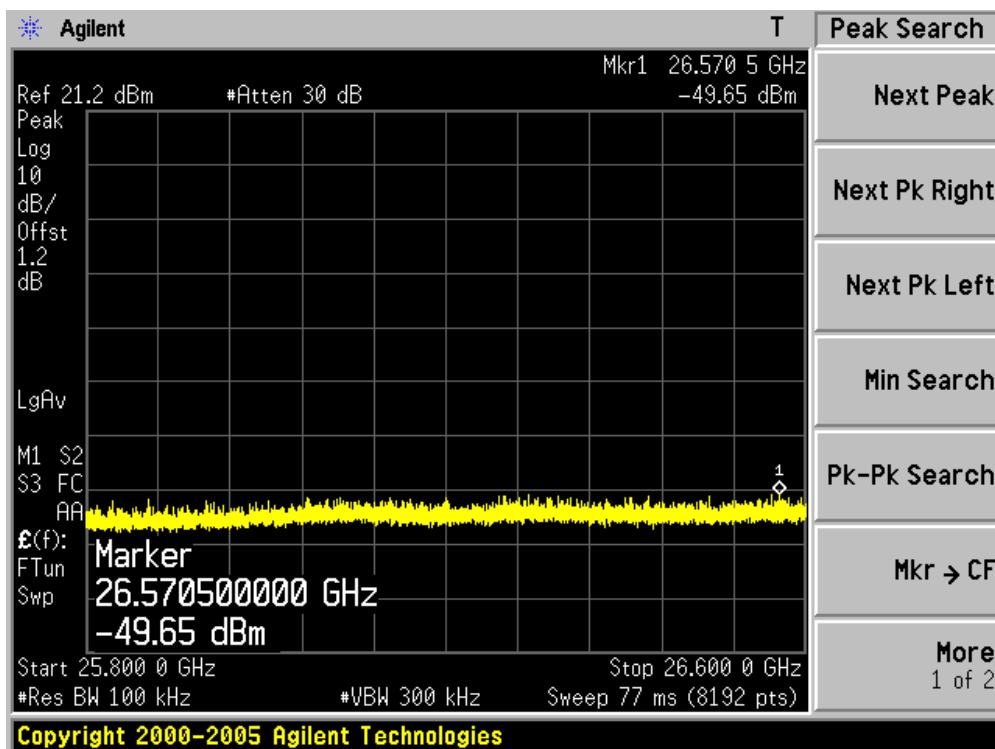
### Channel 159 (5795MHz)



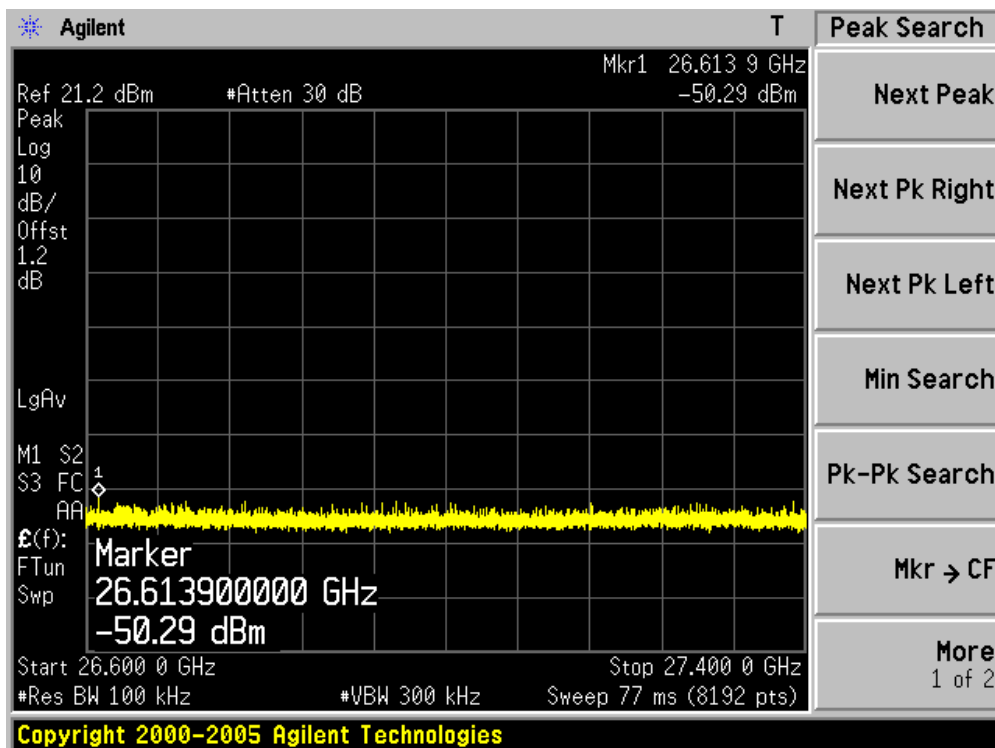
### Channel 151 (5755MHz)-1



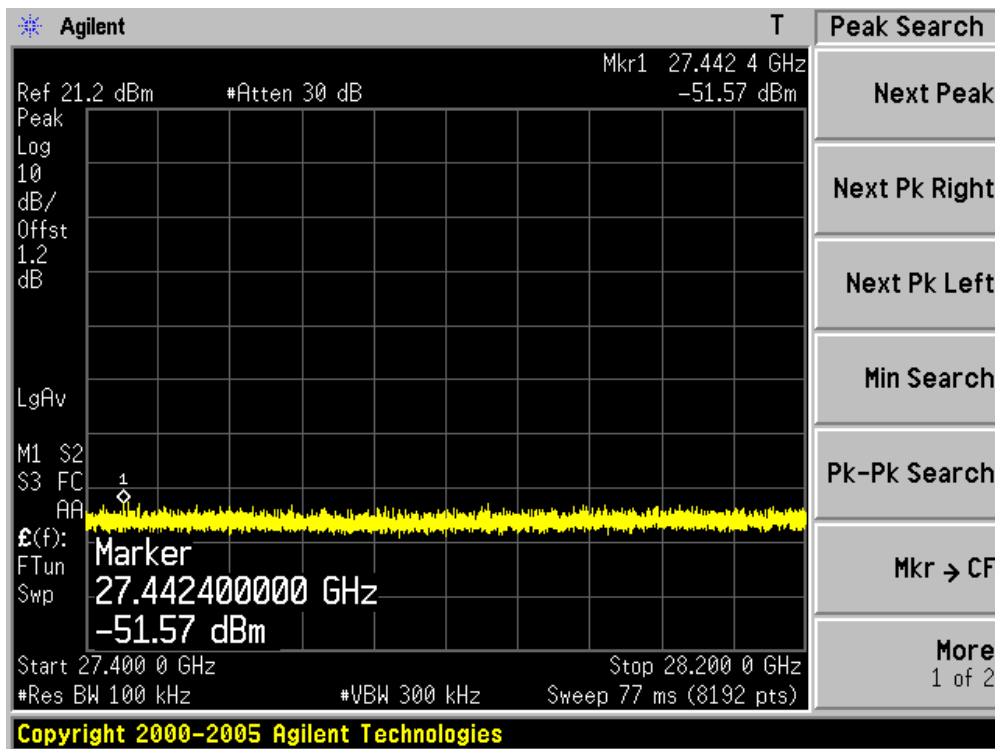
### Channel 151 (5755MHz)-2



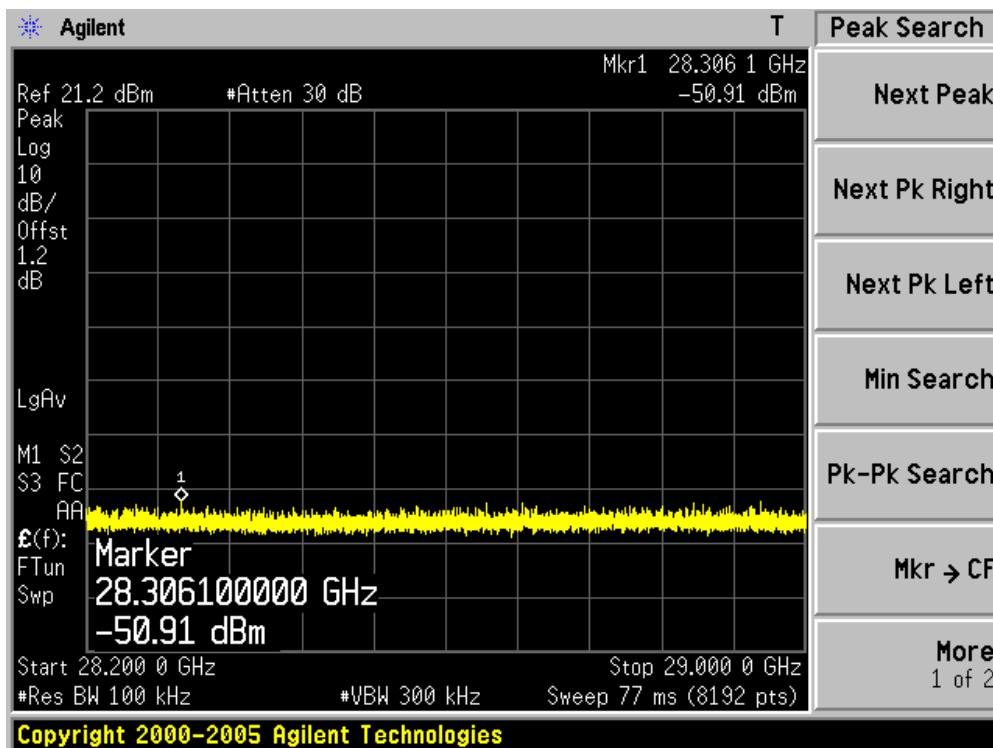
Channel 151 (5755MHz)-3



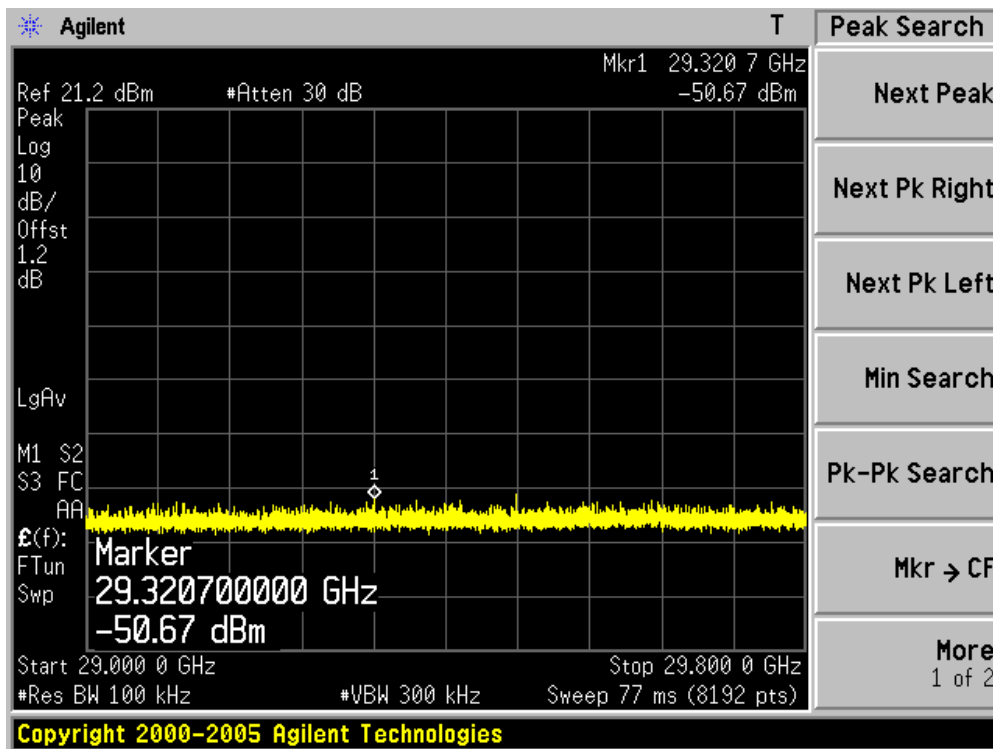
Channel 151 (5755MHz)-4



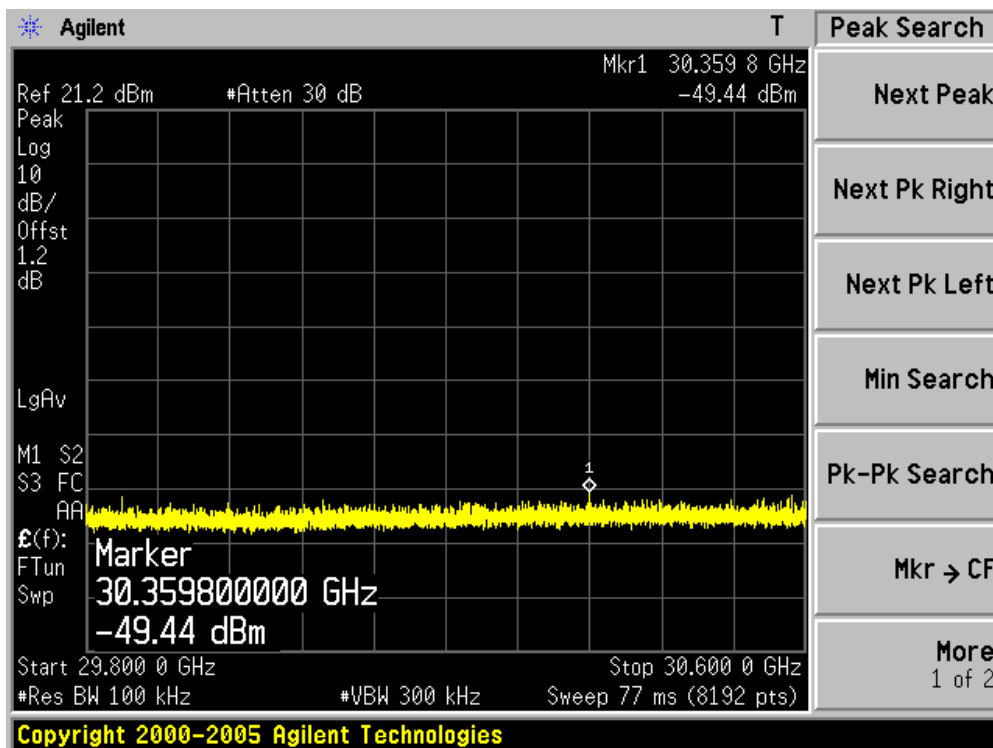
Channel 151 (5755MHz)-5



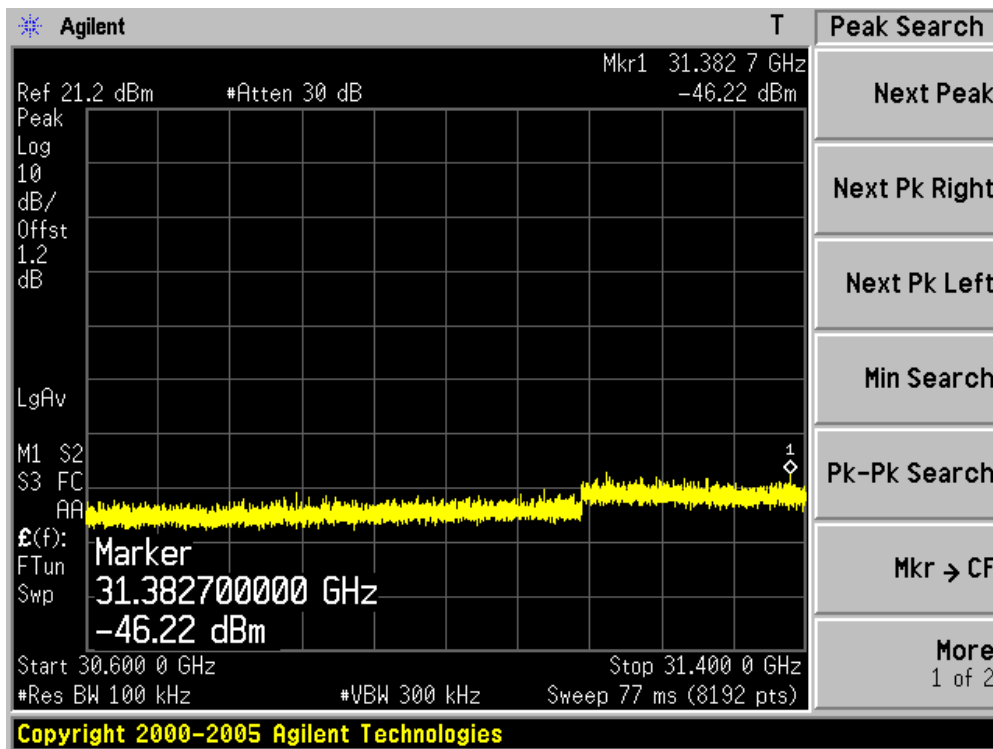
Channel 151 (5755MHz)-6



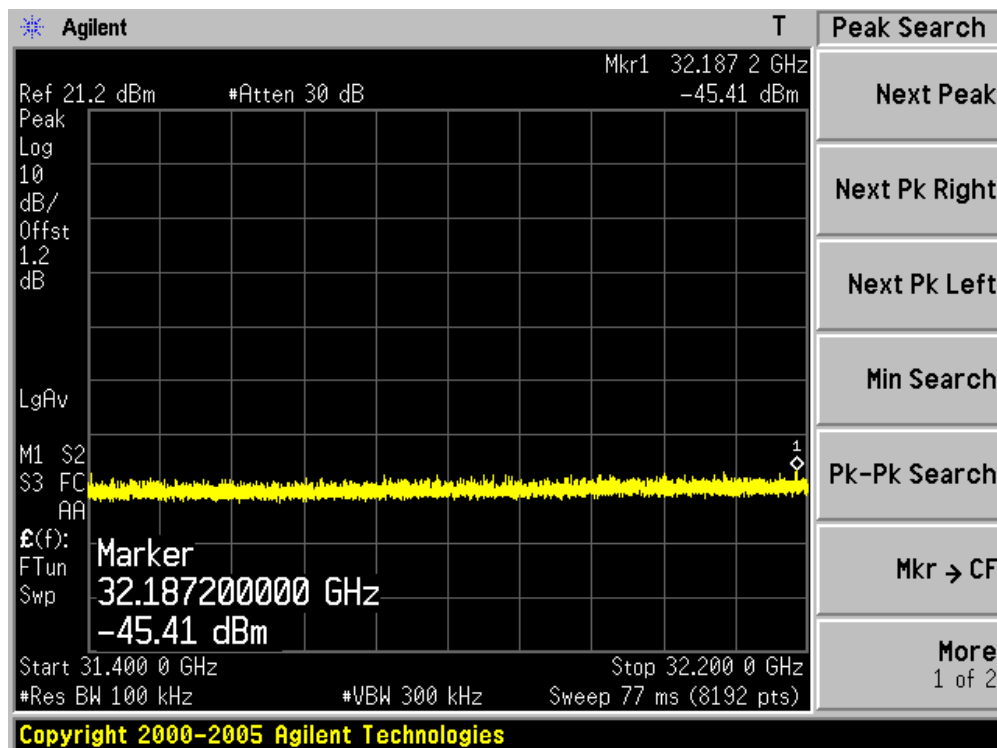
Channel 151 (5755MHz)-7



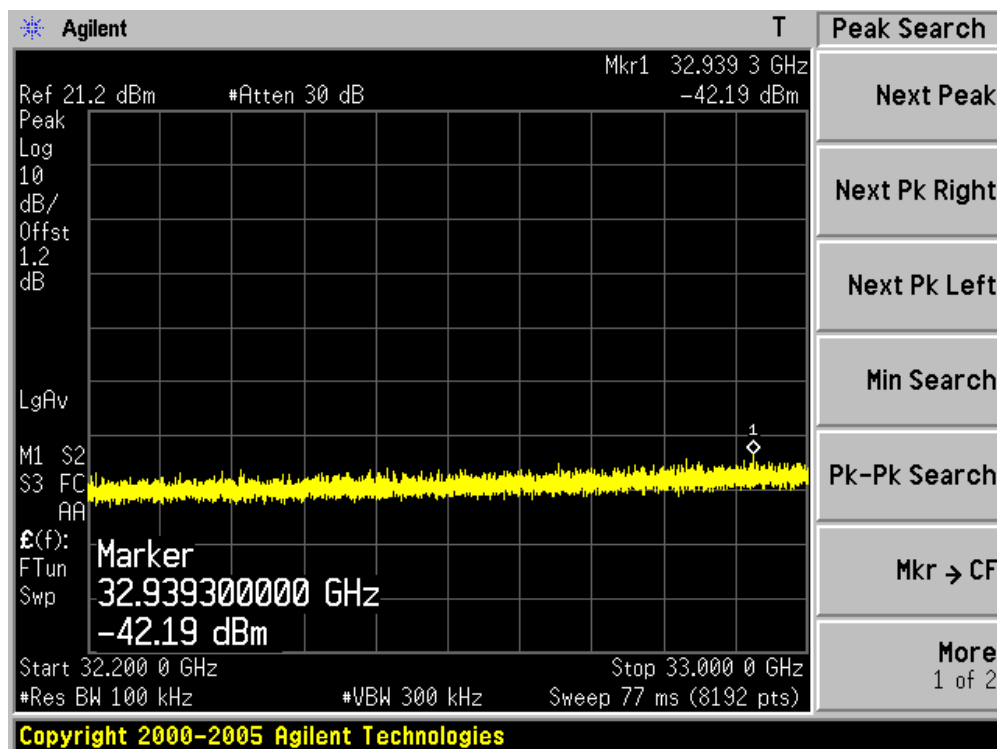
Channel 151 (5755MHz)-8



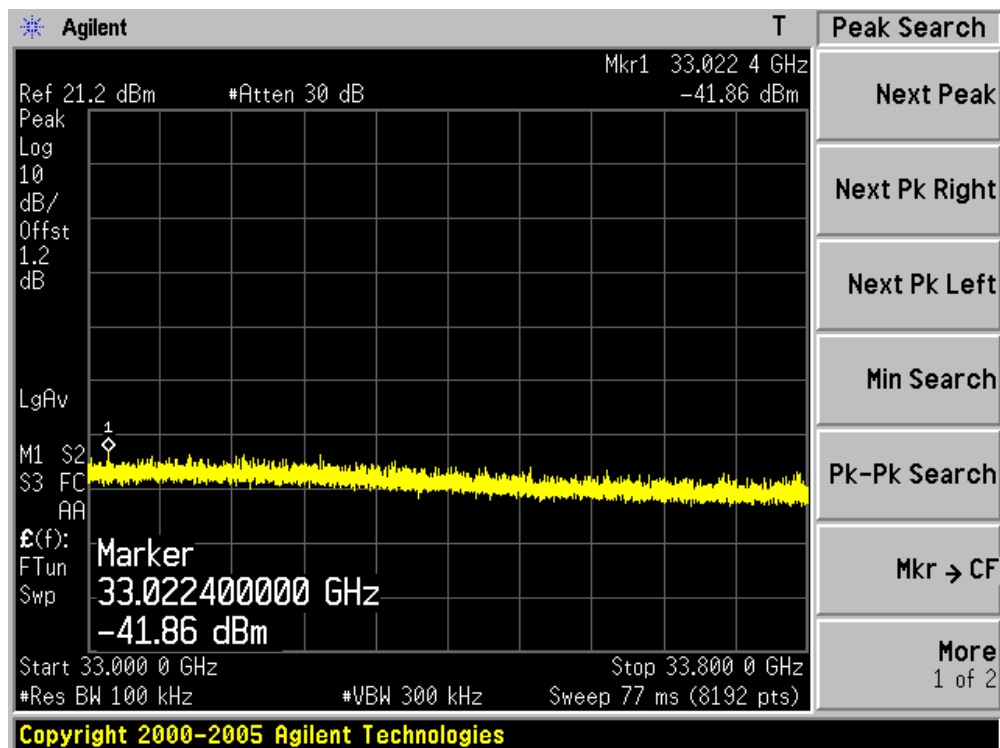
### Channel 151 (5755MHz)-9



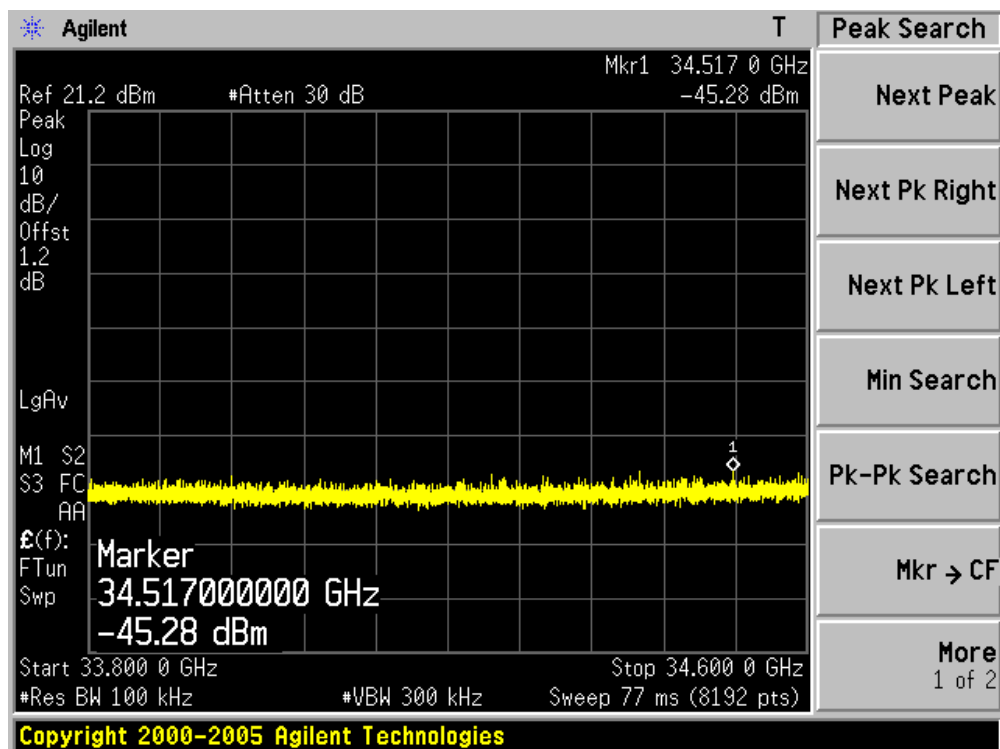
### Channel 151 (5755MHz)-10



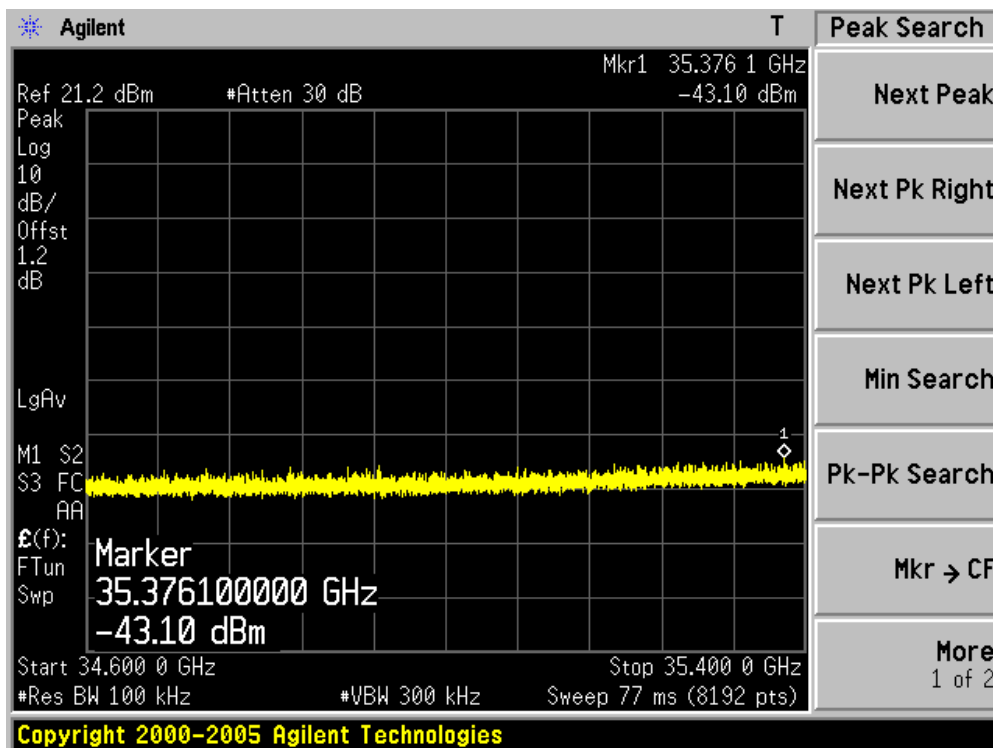
Channel 151 (5755MHz)-11



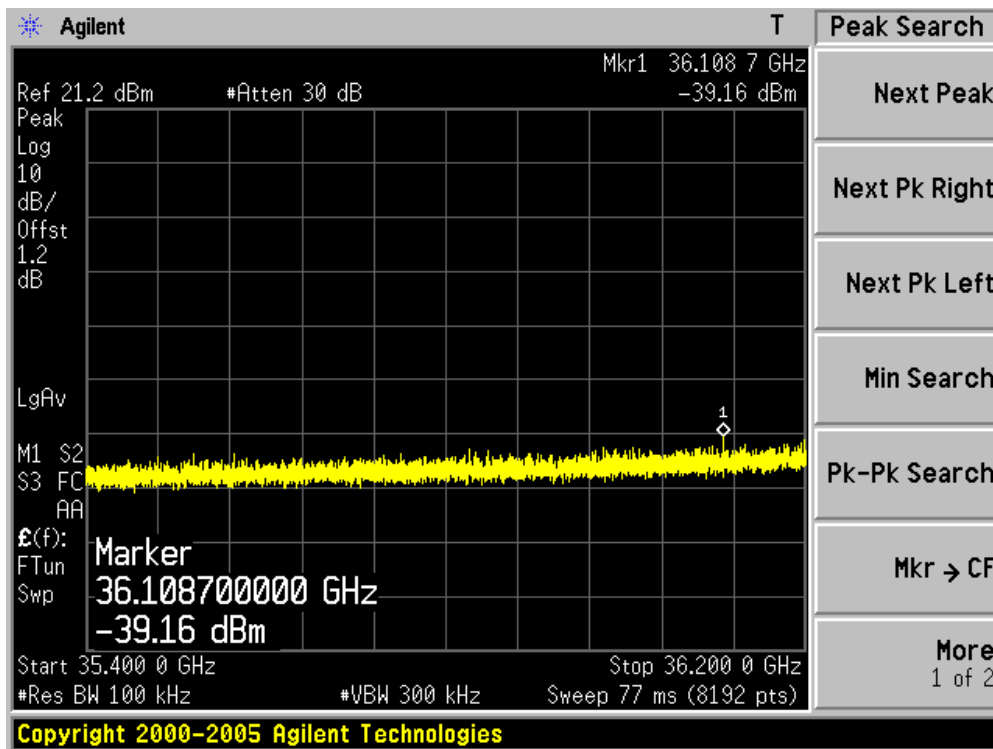
Channel 151 (5755MHz)-12



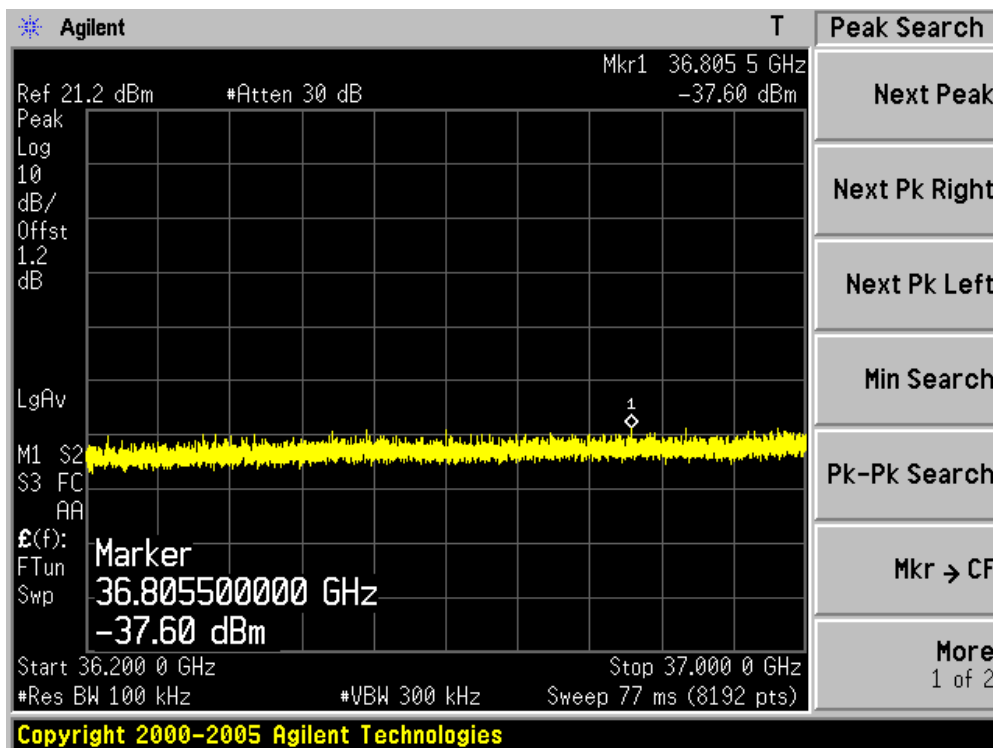
Channel 151 (5755MHz)-13



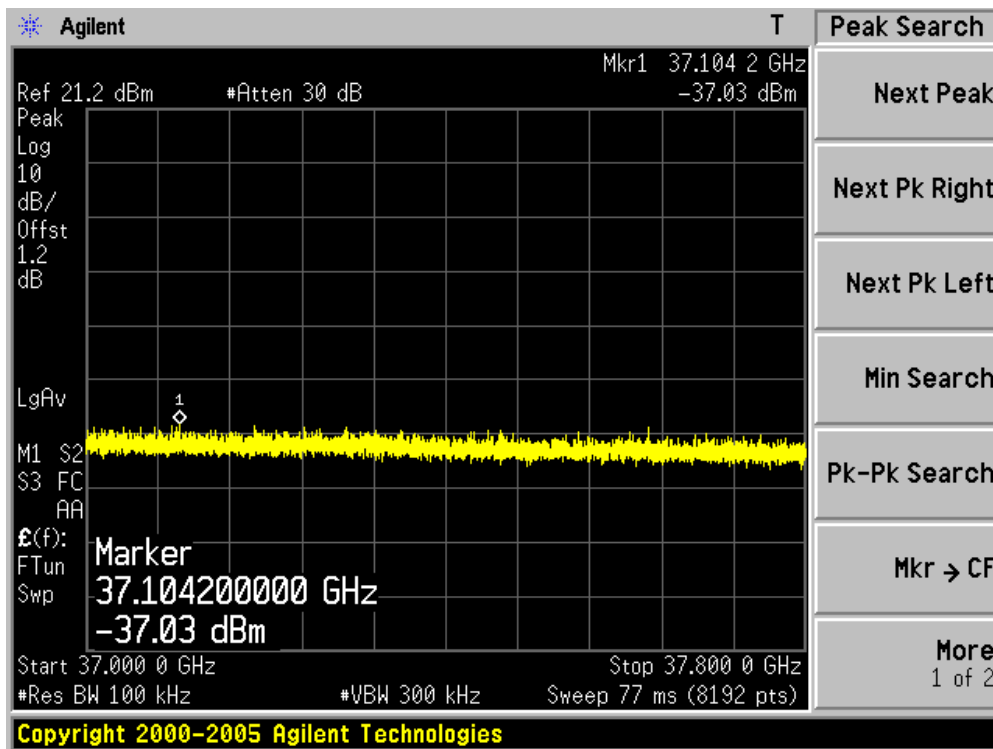
Channel 151 (5755MHz)-14



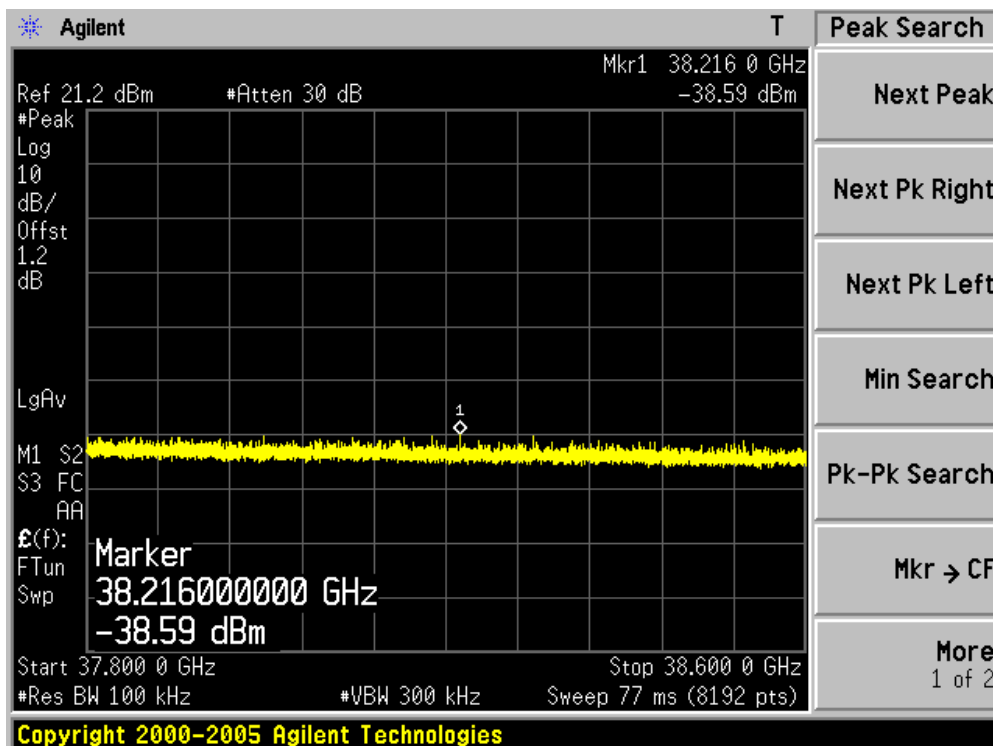
Channel 151 (5755MHz)-15



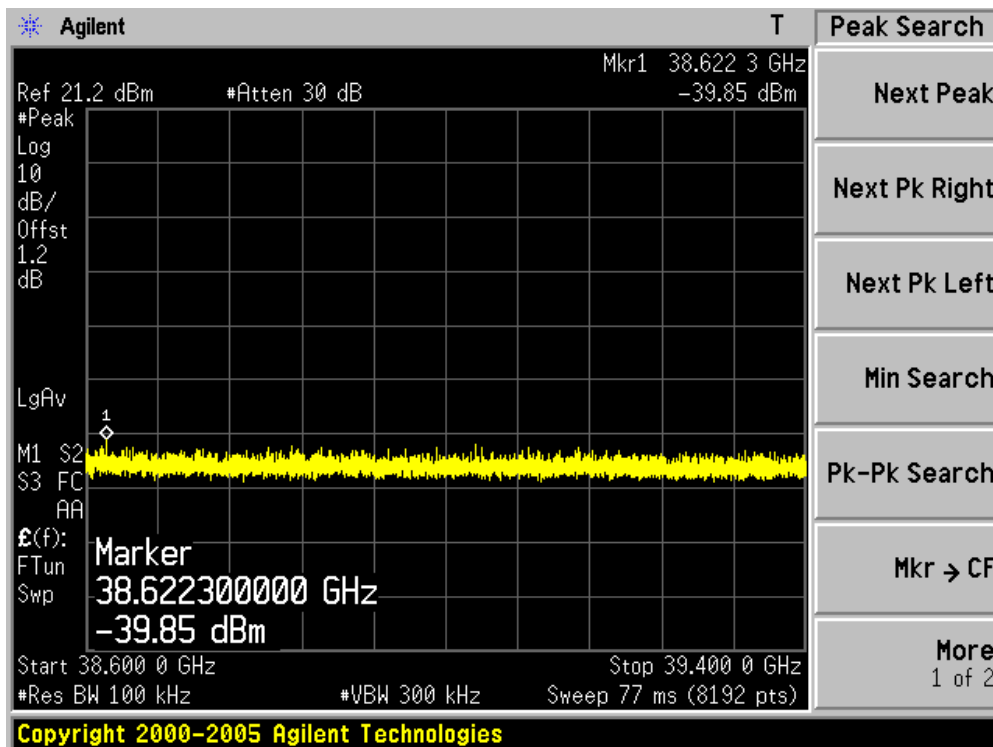
Channel 151 (5755MHz)-16



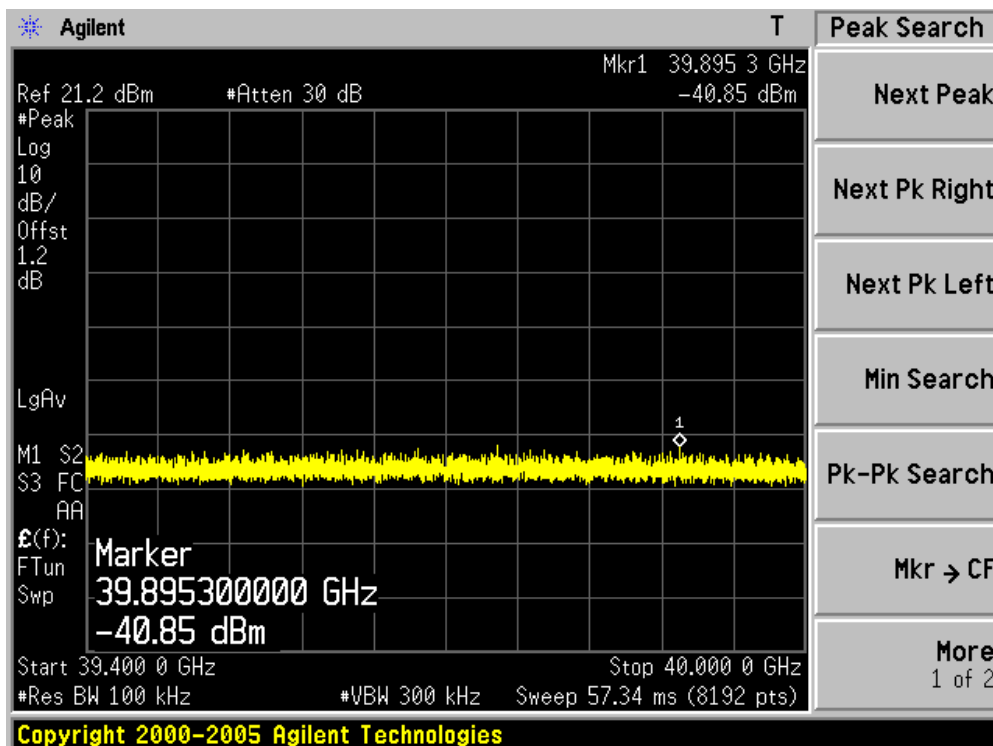
Channel 151 (5755MHz)-17



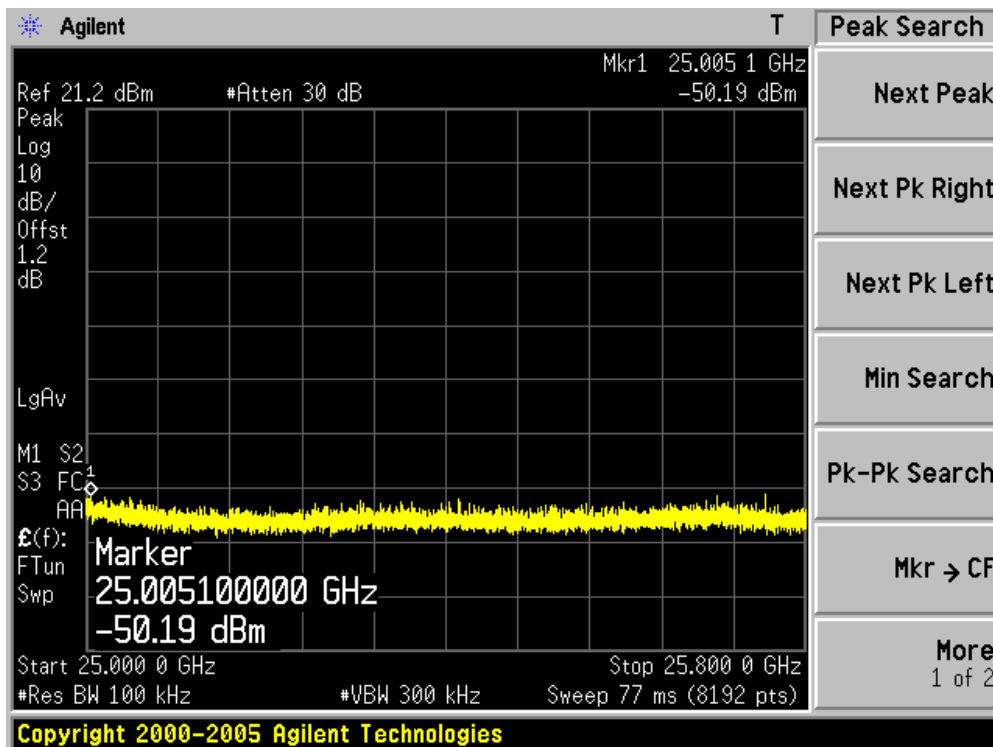
Channel 151 (5755MHz)-18



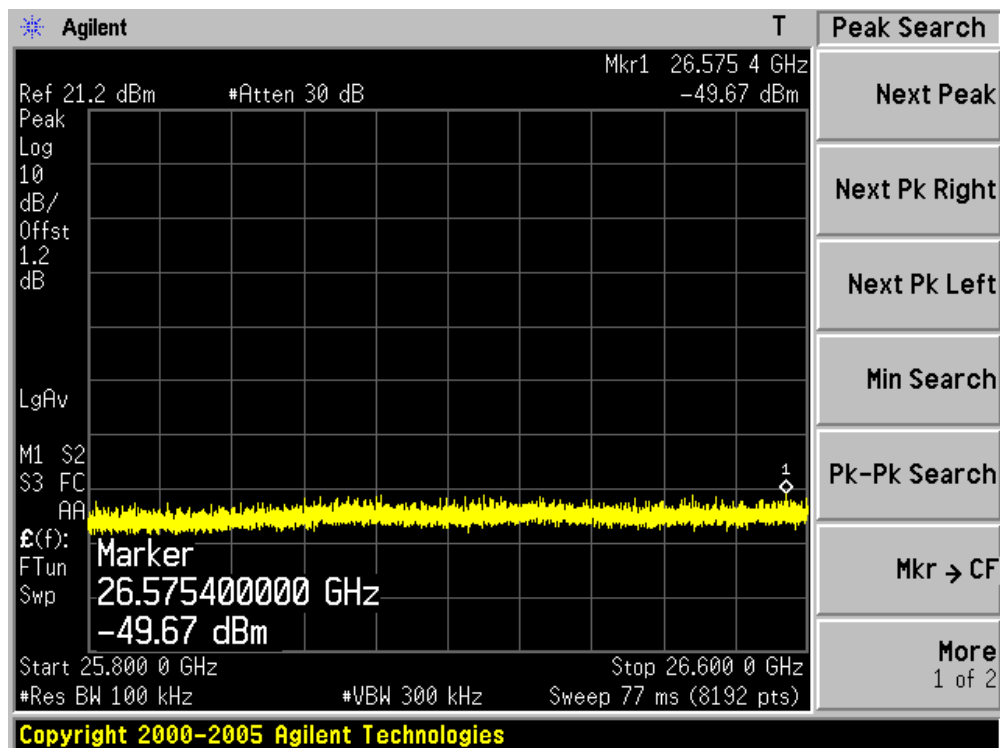
### Channel 151 (5755MHz)-19



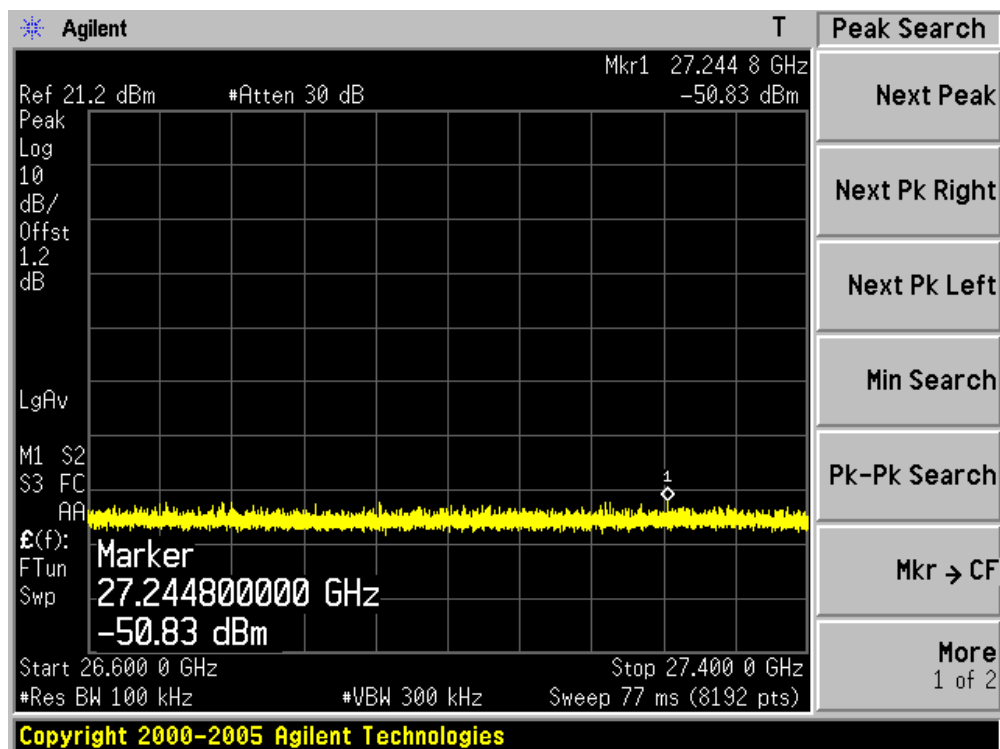
### Channel 159 (5795MHz)-1



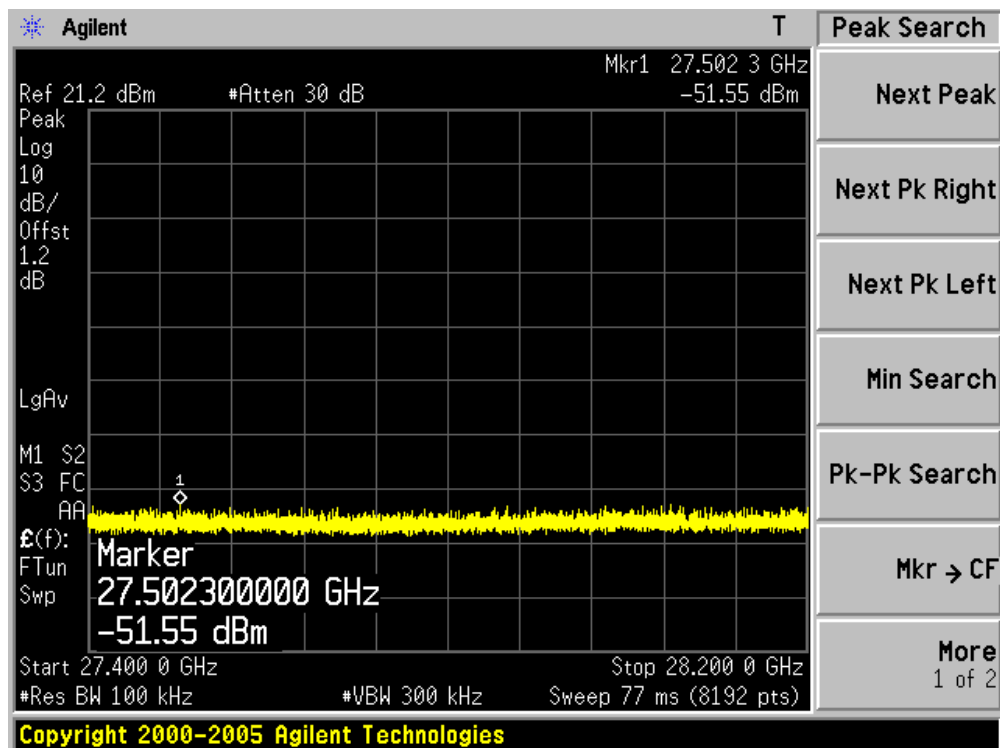
### Channel 159 (5795MHz)-2



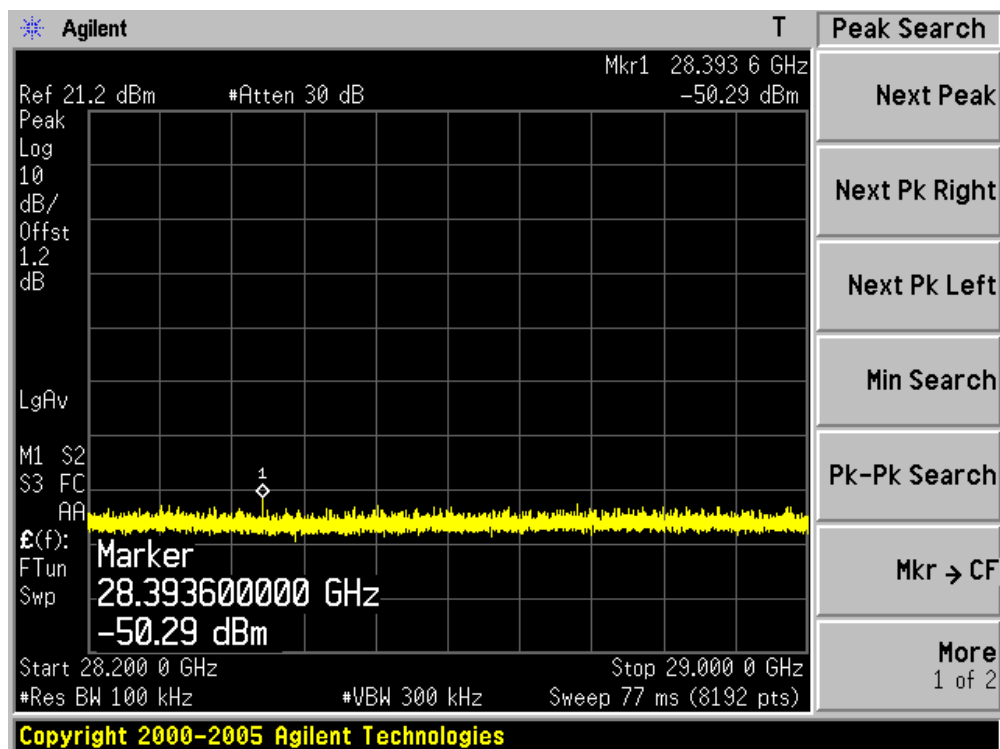
### Channel 159 (5795MHz)-3



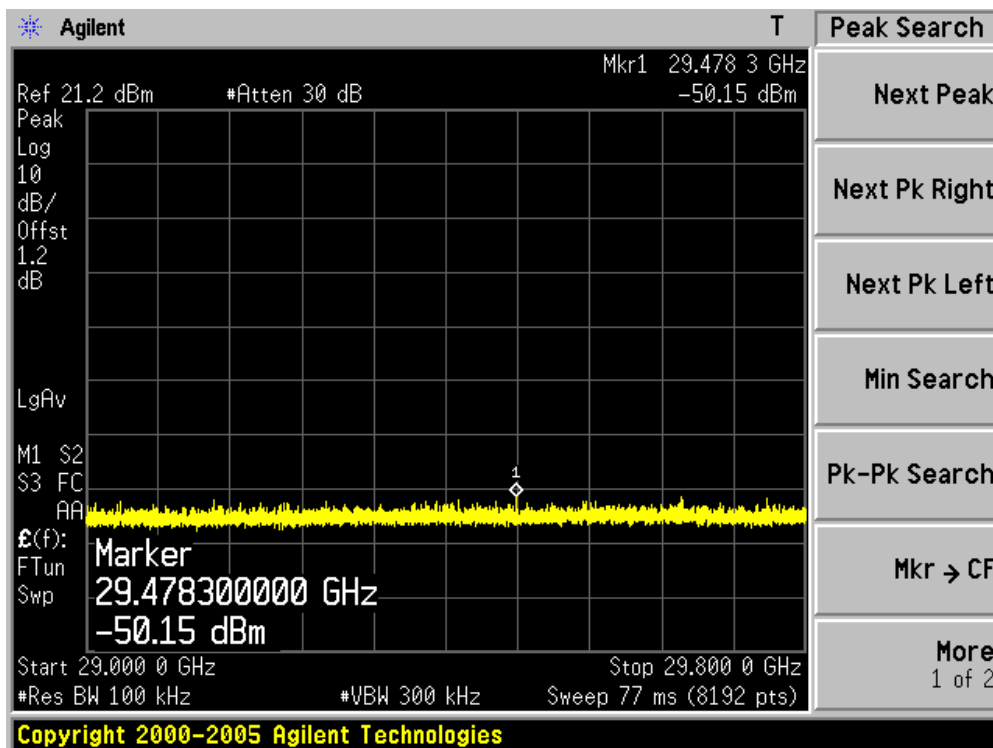
Channel 159 (5795MHz)-4



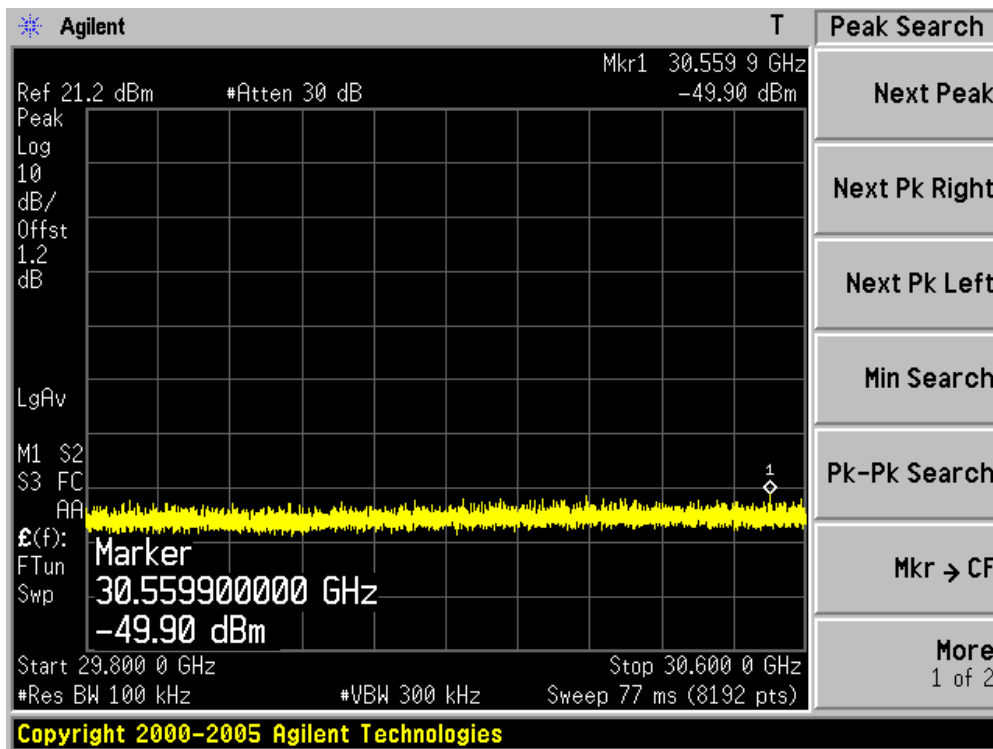
Channel 159 (5795MHz)-5



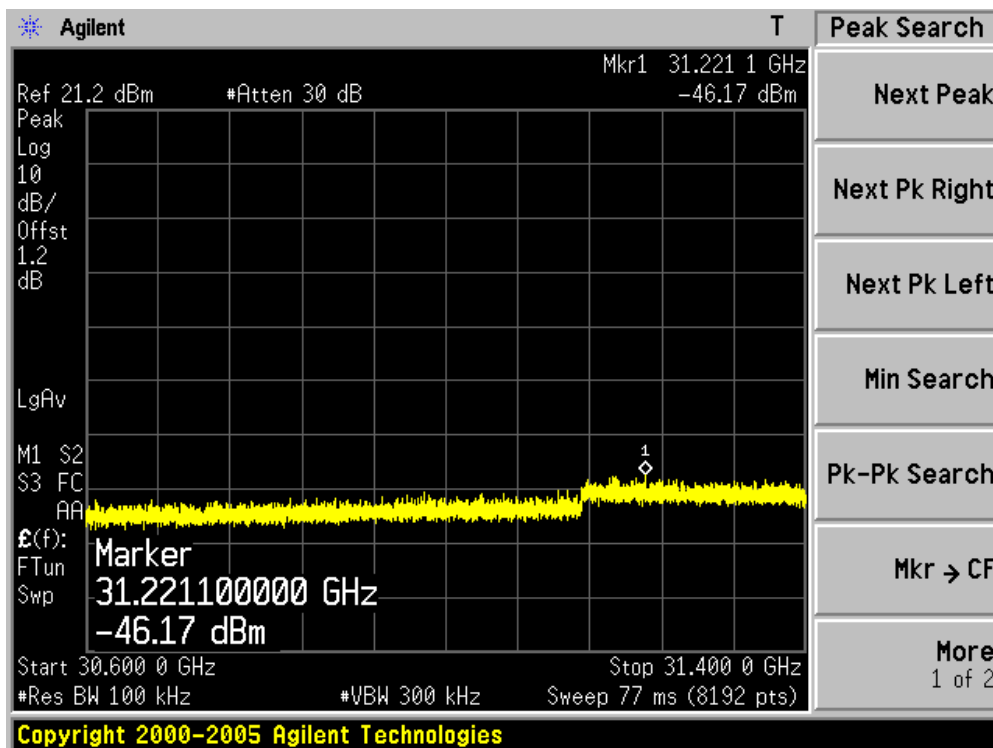
Channel 159 (5795MHz)-6



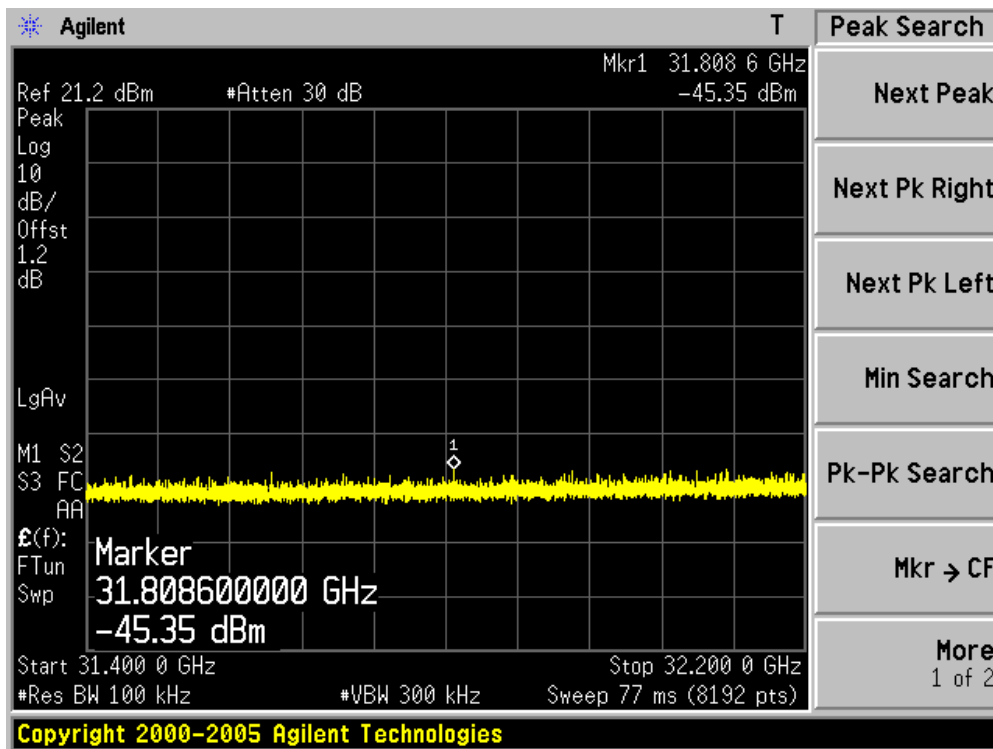
Channel 159 (5795MHz)-7



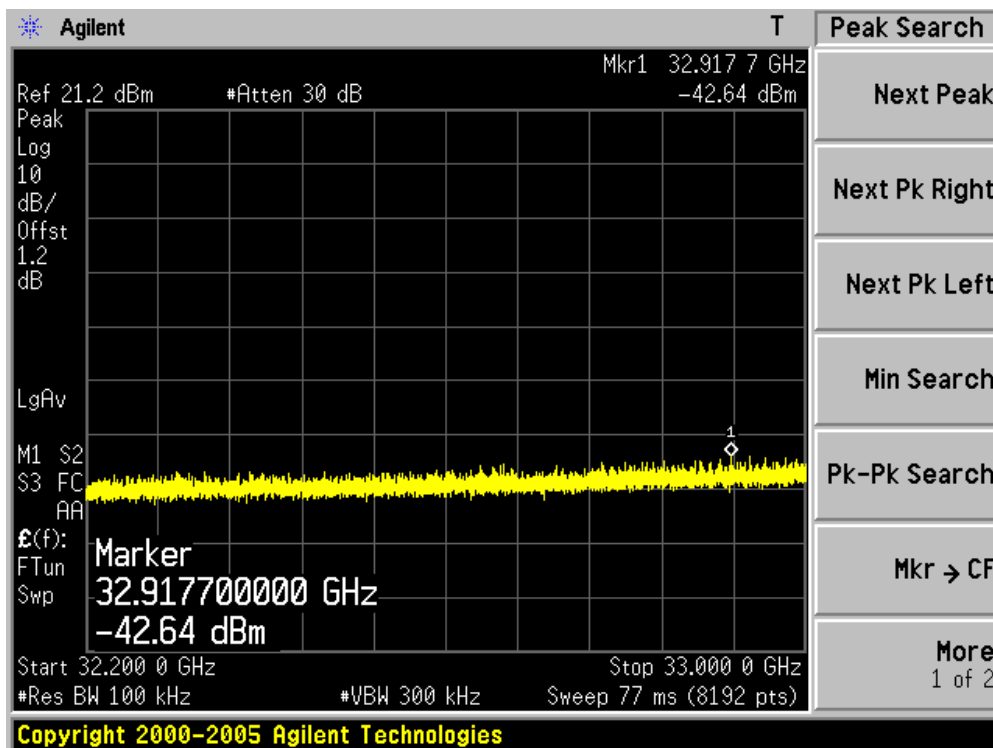
Channel 159 (5795MHz)-8



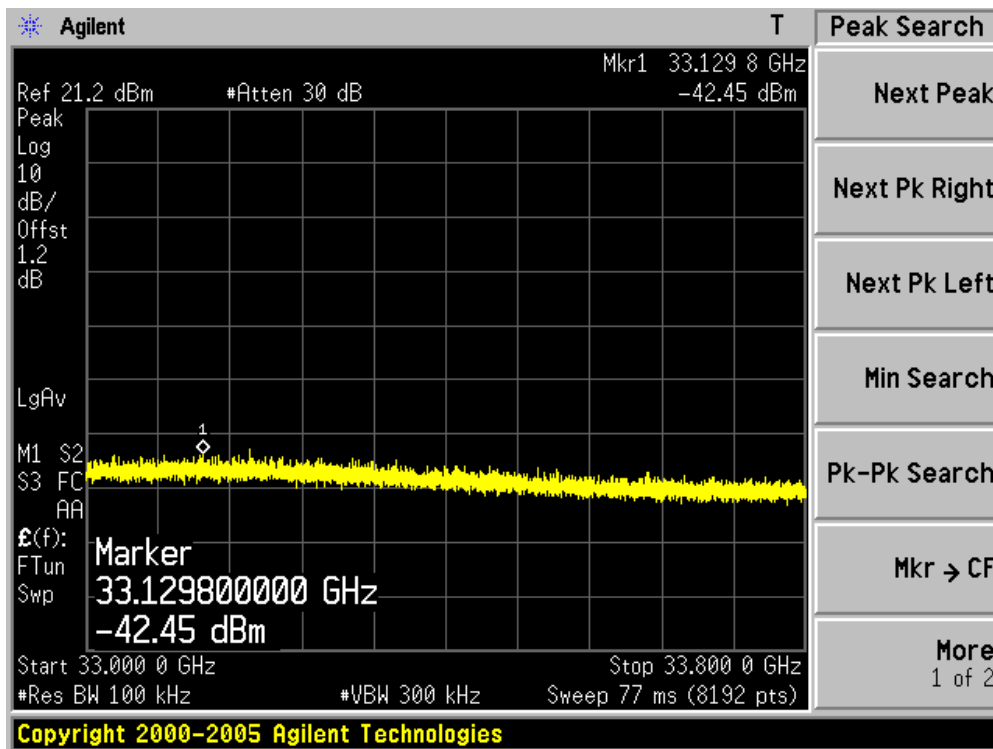
Channel 159 (5795MHz)-9



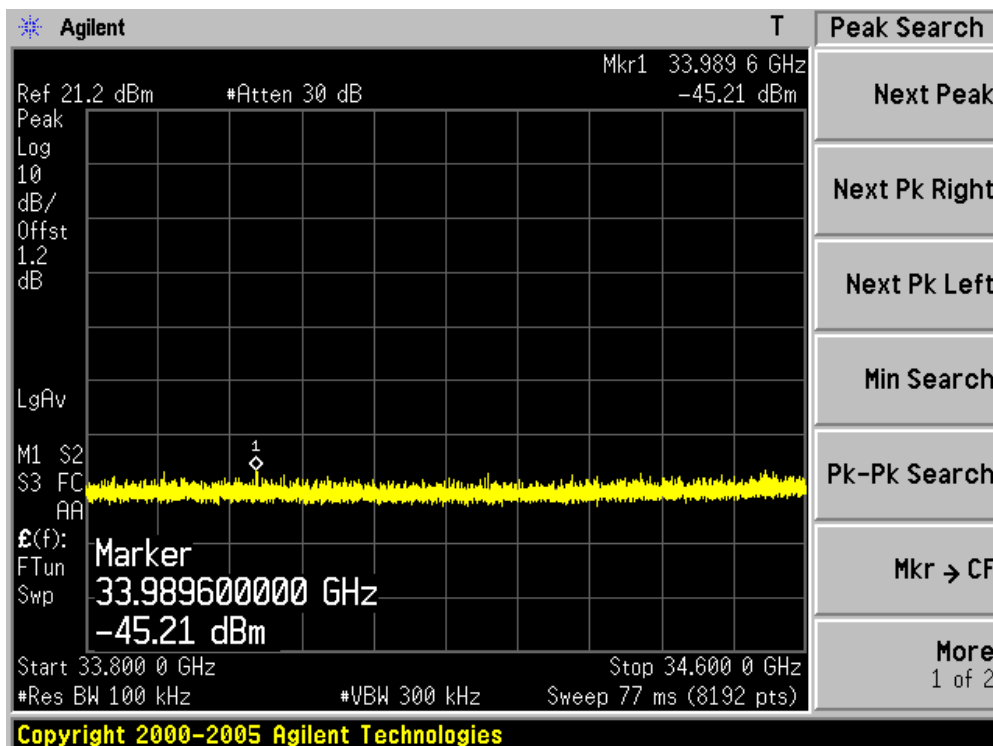
Channel 159 (5795MHz)-10



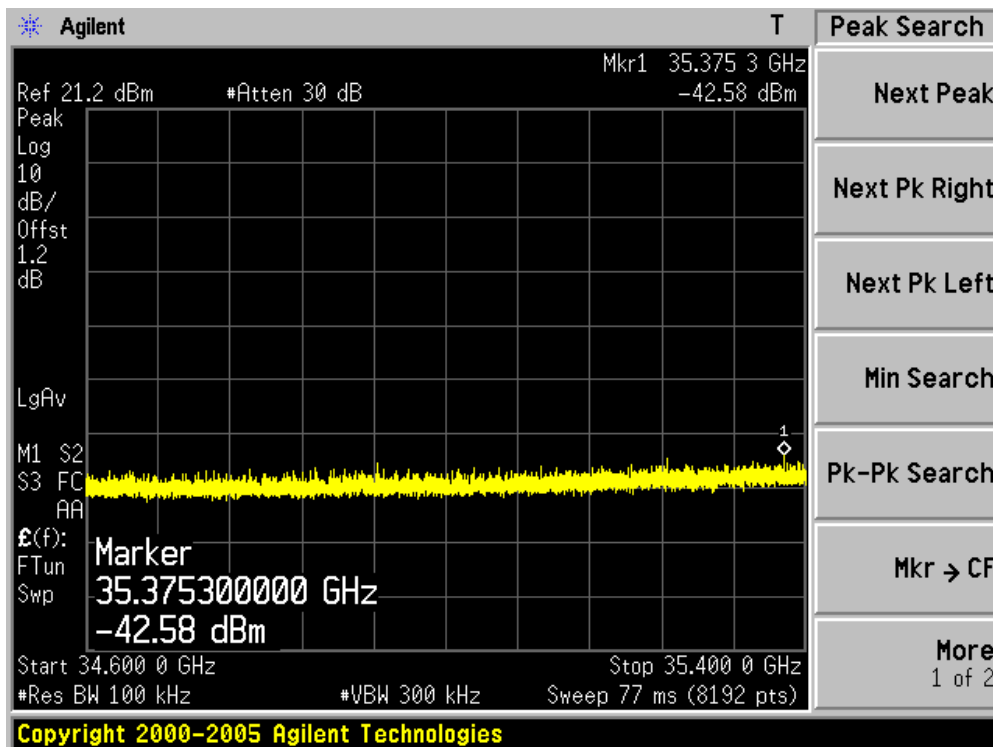
Channel 159 (5795MHz)-11



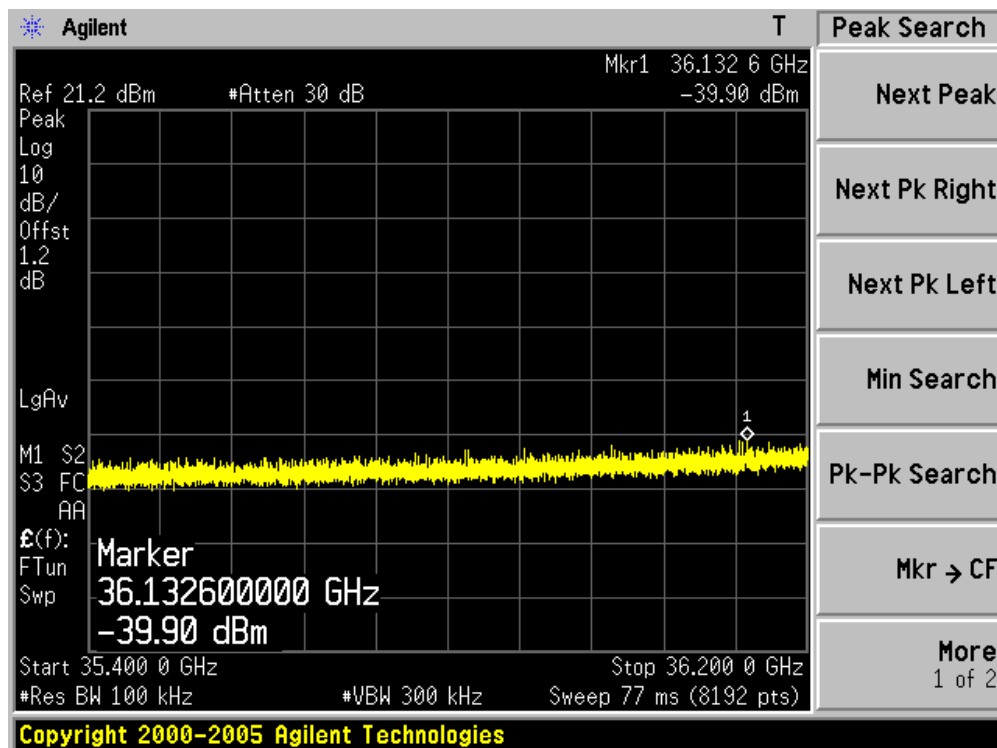
Channel 159 (5795MHz)-12



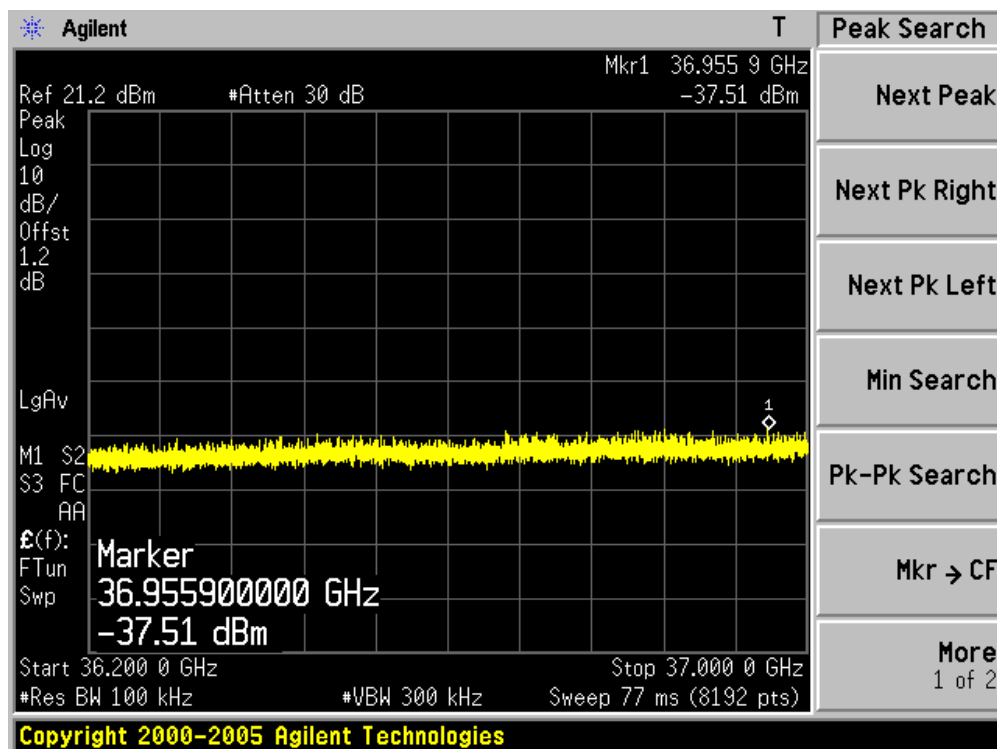
Channel 159 (5795MHz)-13



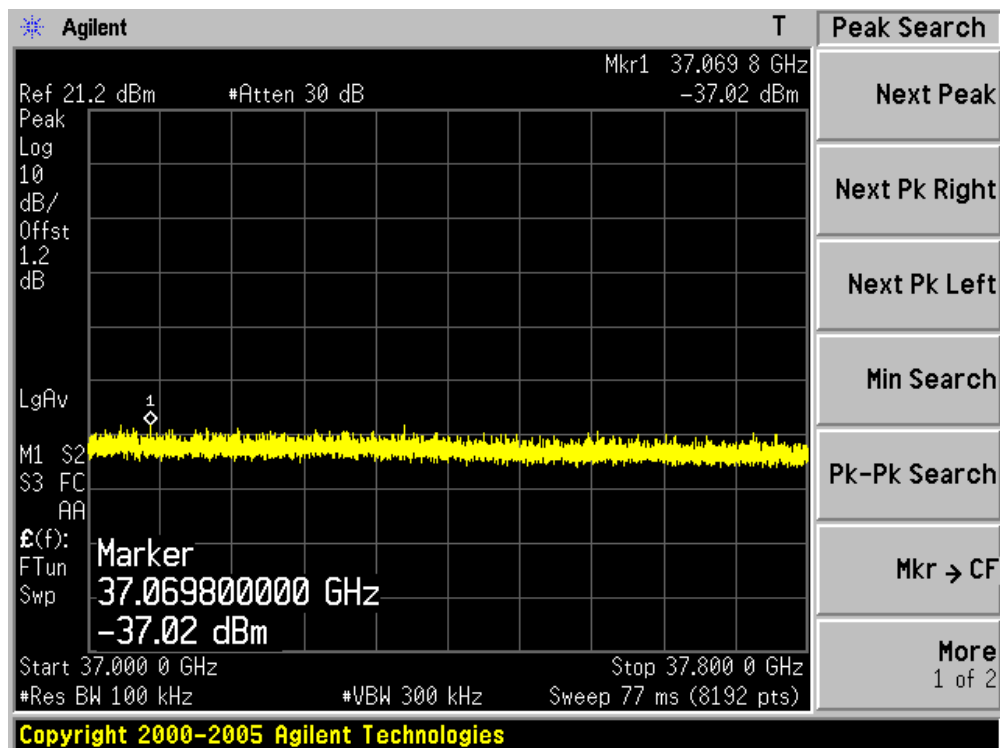
Channel 159 (5795MHz)-14



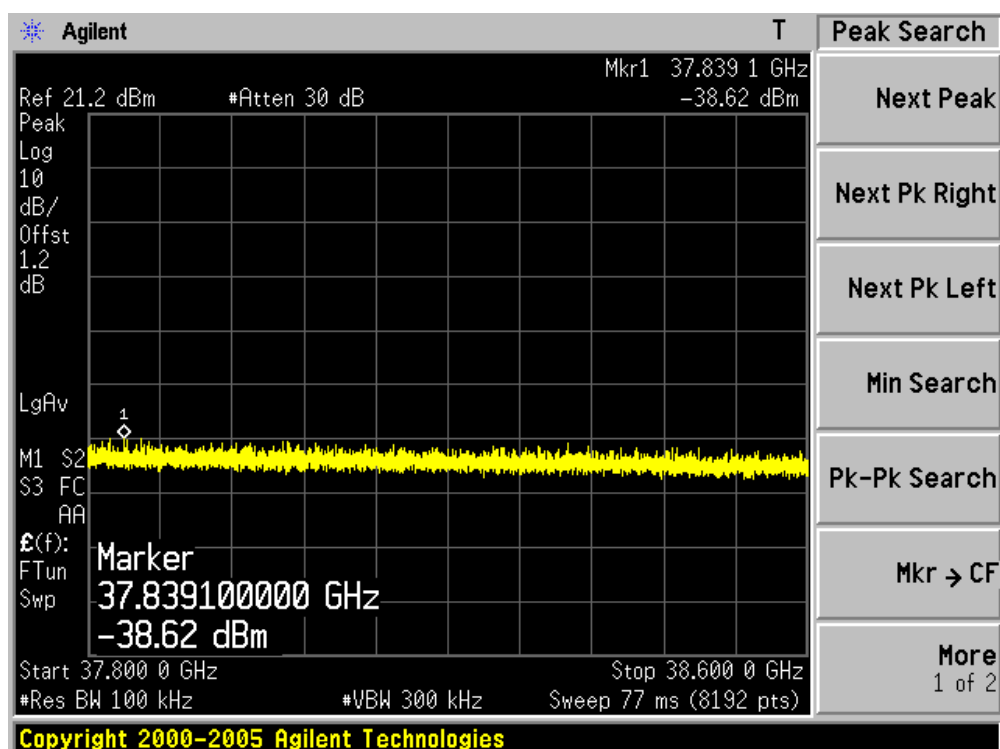
Channel 159 (5795MHz)-15



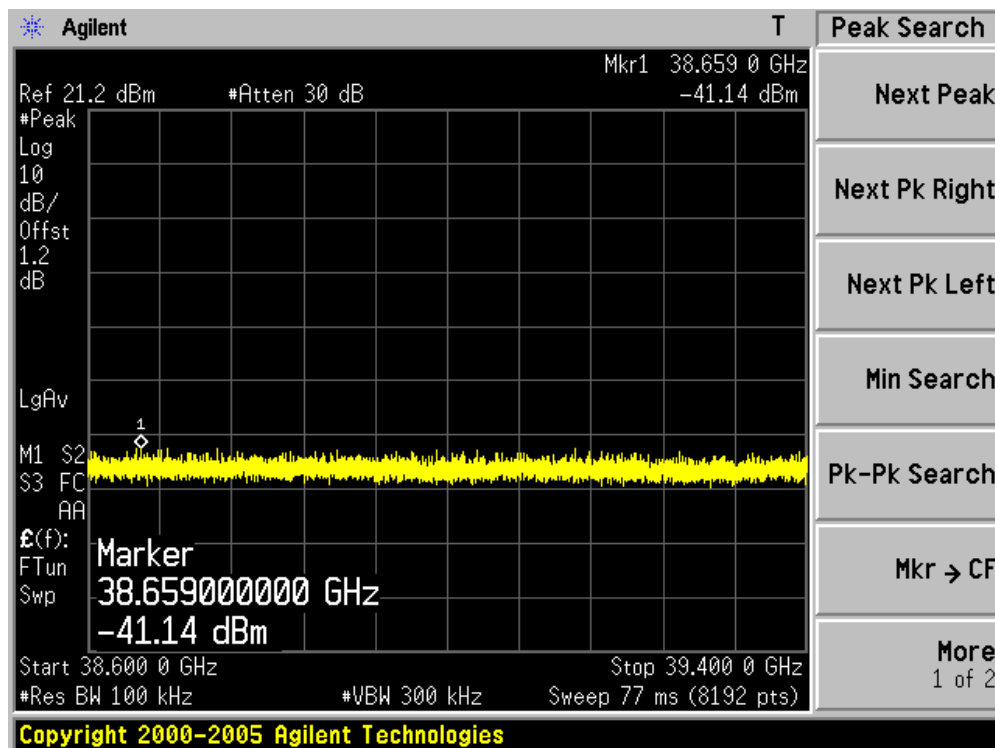
Channel 159 (5795MHz)-16



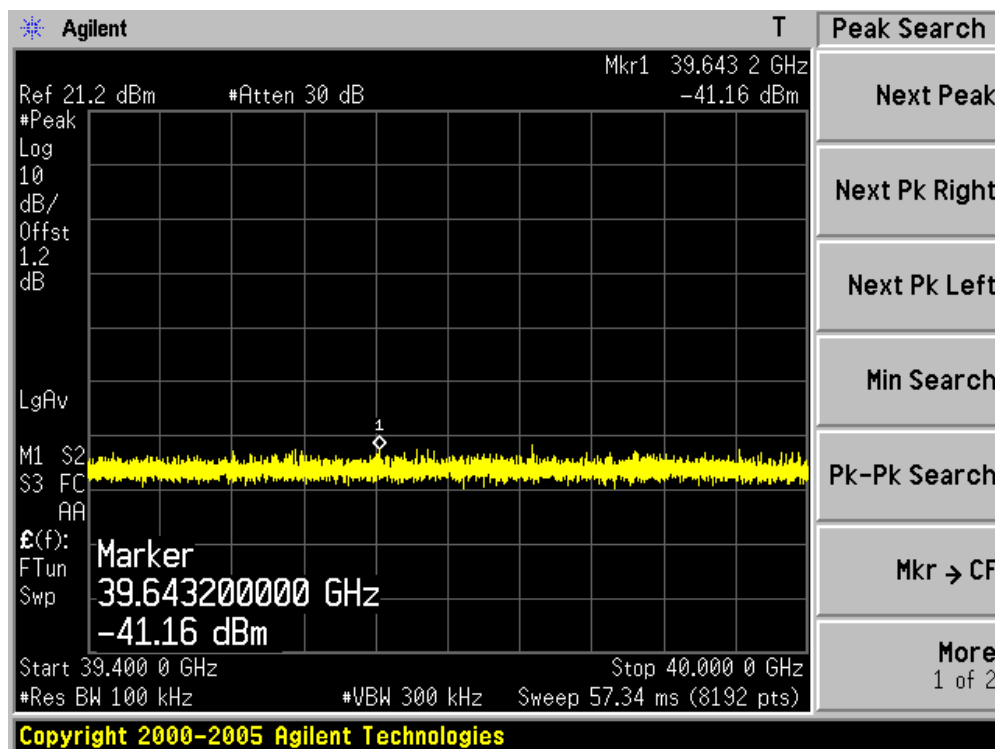
Channel 159 (5795MHz)-17



Channel 159 (5795MHz)-18

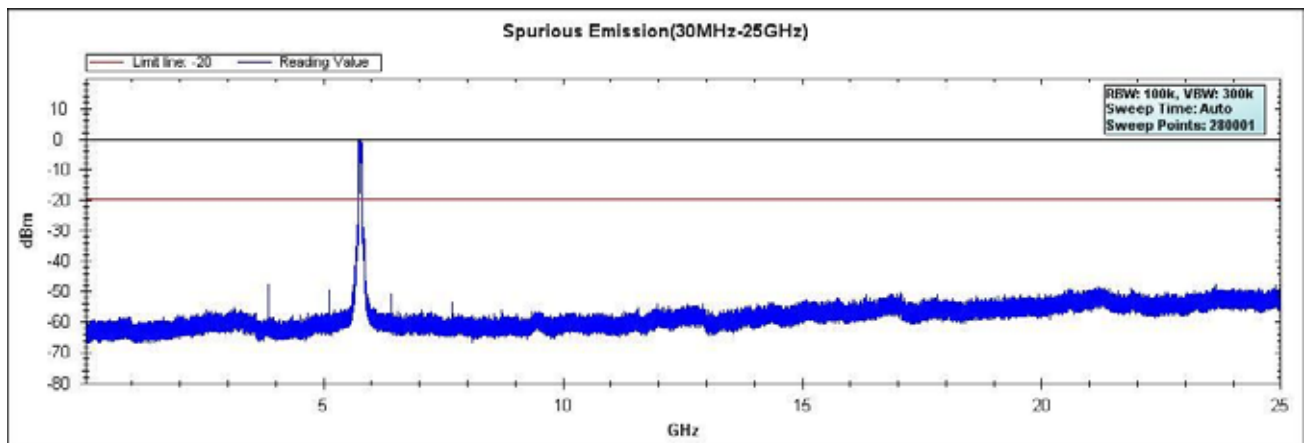


Channel 159 (5795MHz)-19

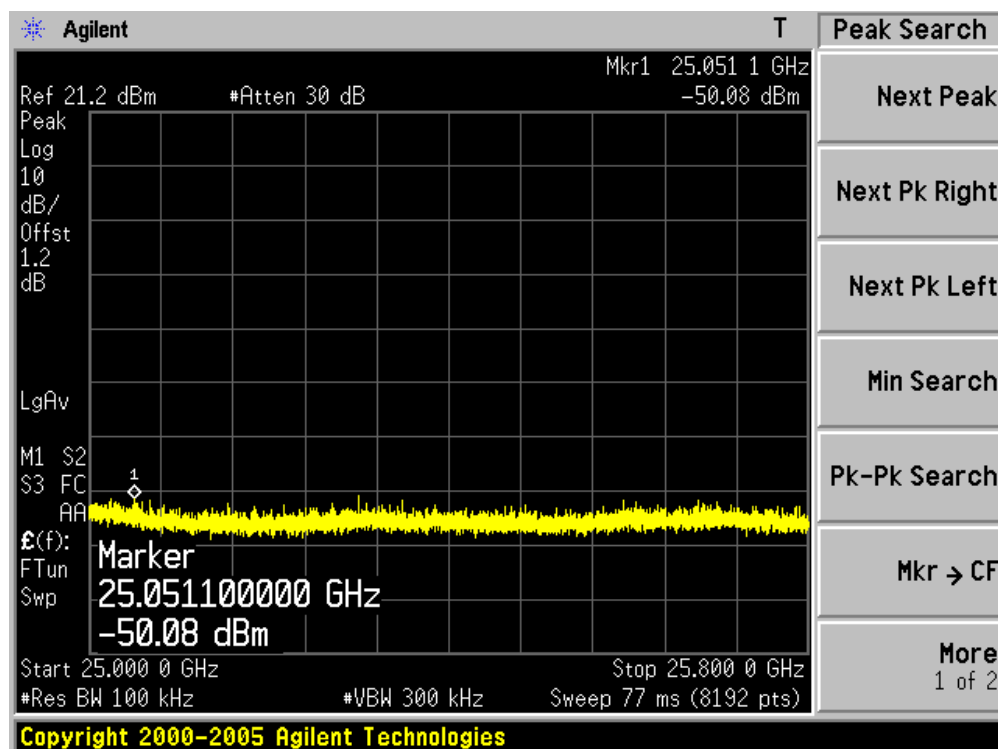


|           |   |                                             |
|-----------|---|---------------------------------------------|
| Product   | : | Mi Wi-Fi                                    |
| Test Item | : | RF Antenna Conducted Spurious               |
| Test Site | : | TR-8                                        |
| Test Mode | : | Mode 8: Transmit by 802.11ac(80MHz) (Ant 1) |

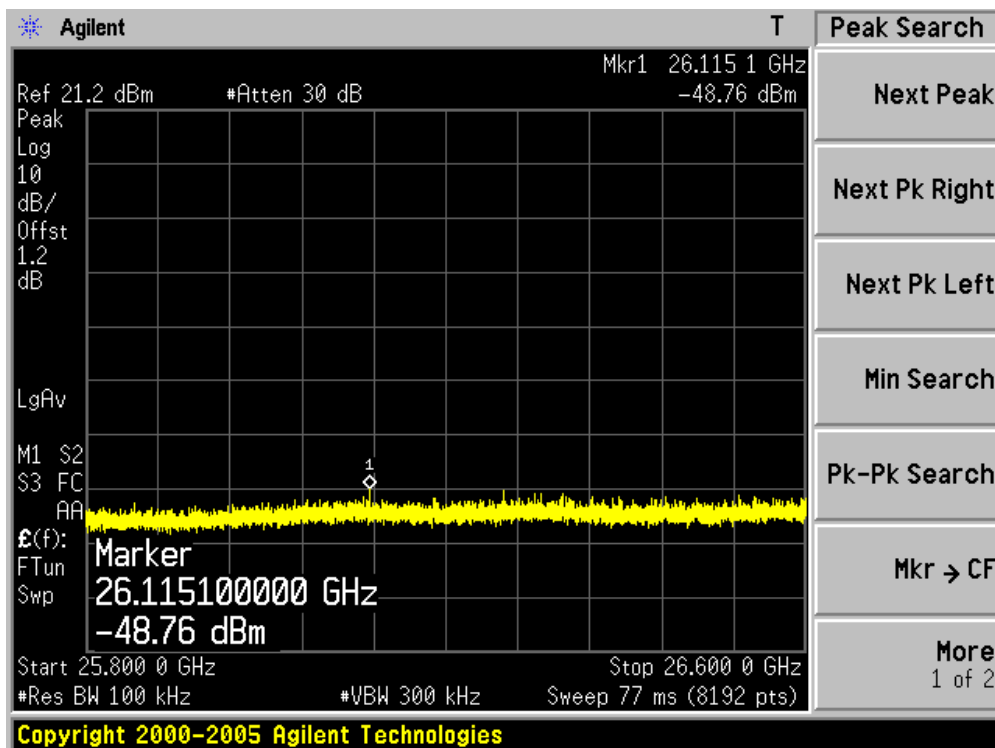
## Channel 155 (5775MHz)



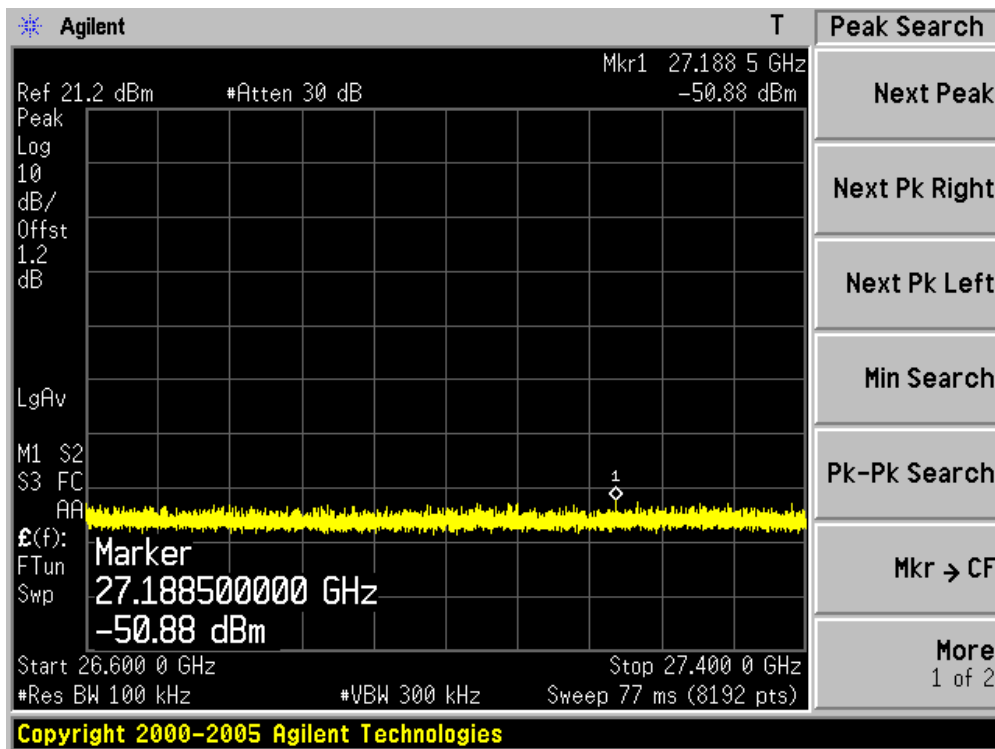
## Channel 155 (5755MHz)-1



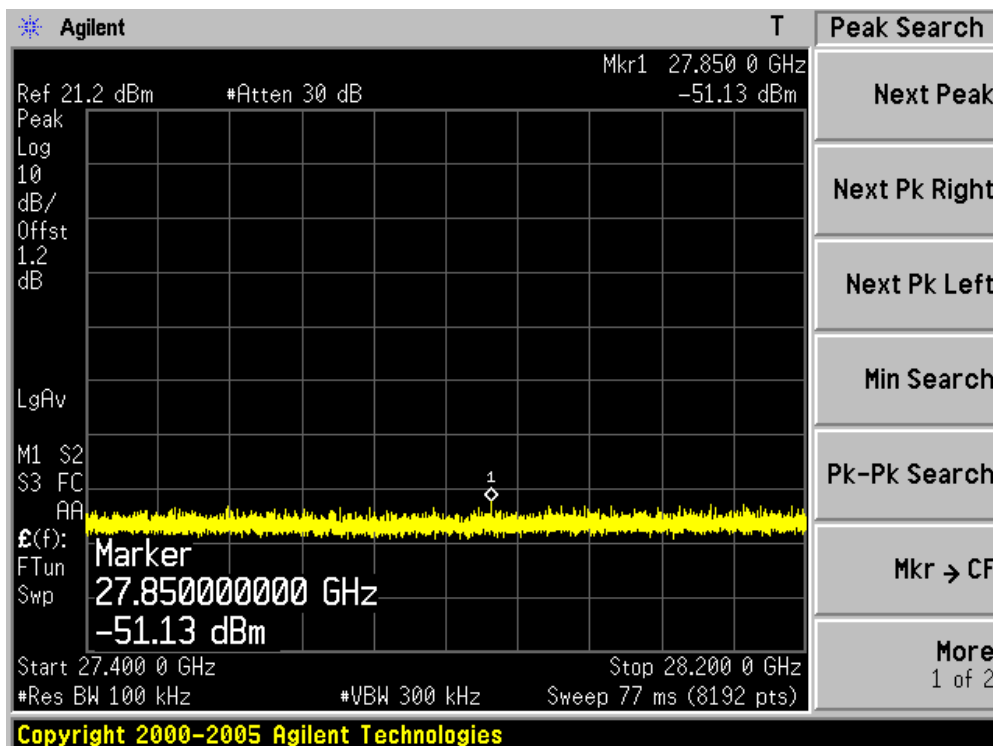
### Channel 155 (5755MHz)-2



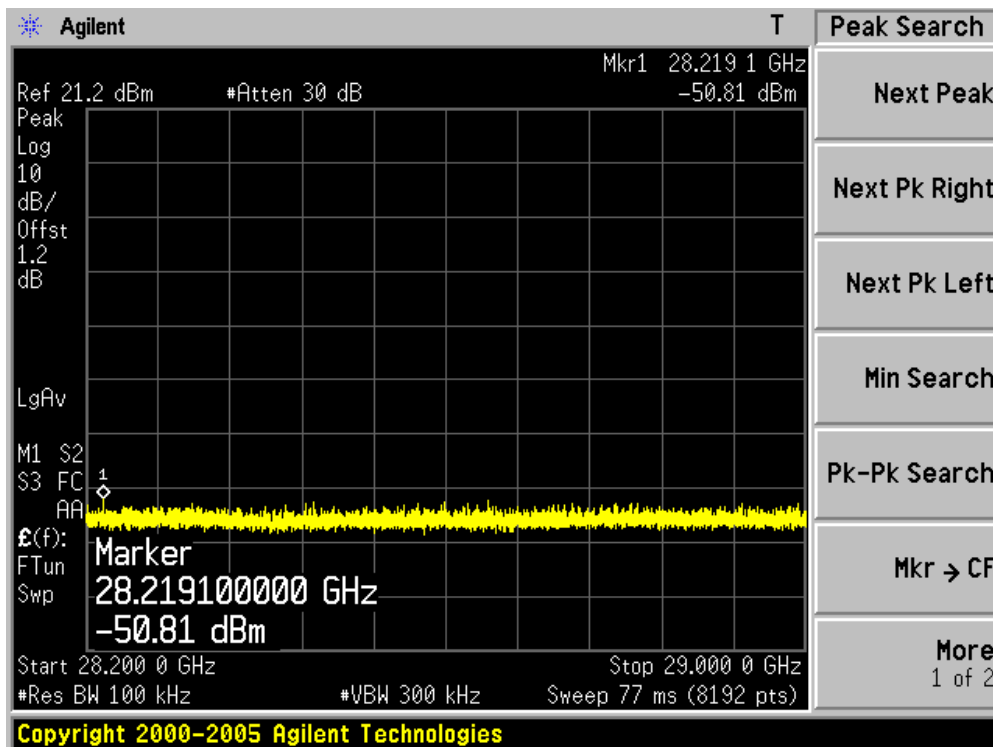
### Channel 155 (5755MHz)-3



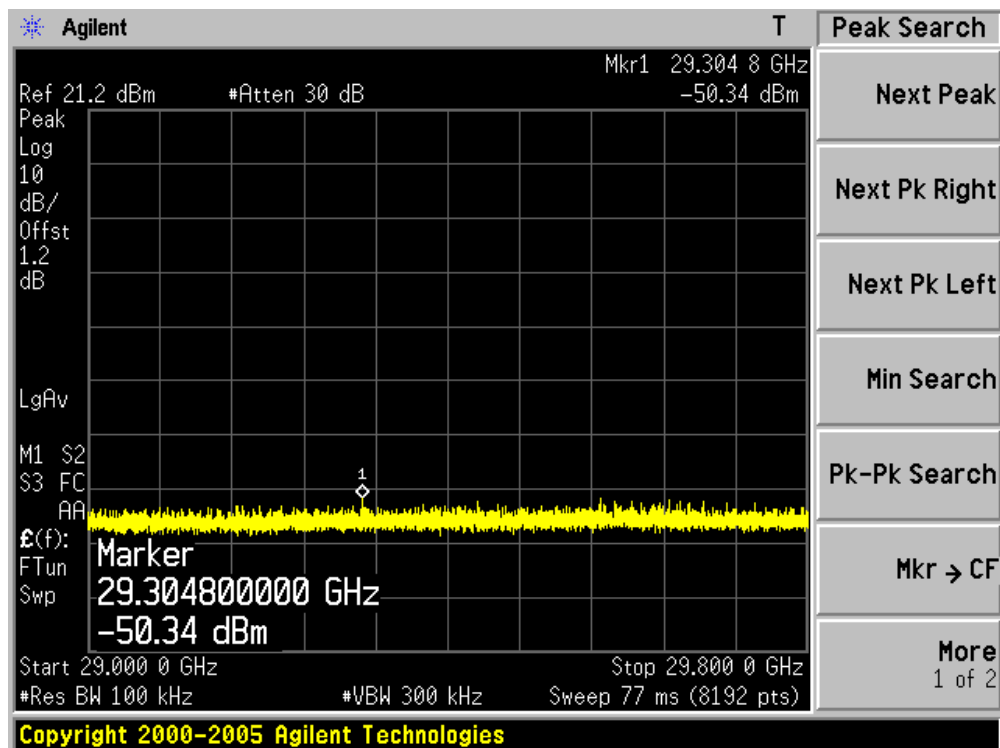
### Channel 155 (5755MHz)-4



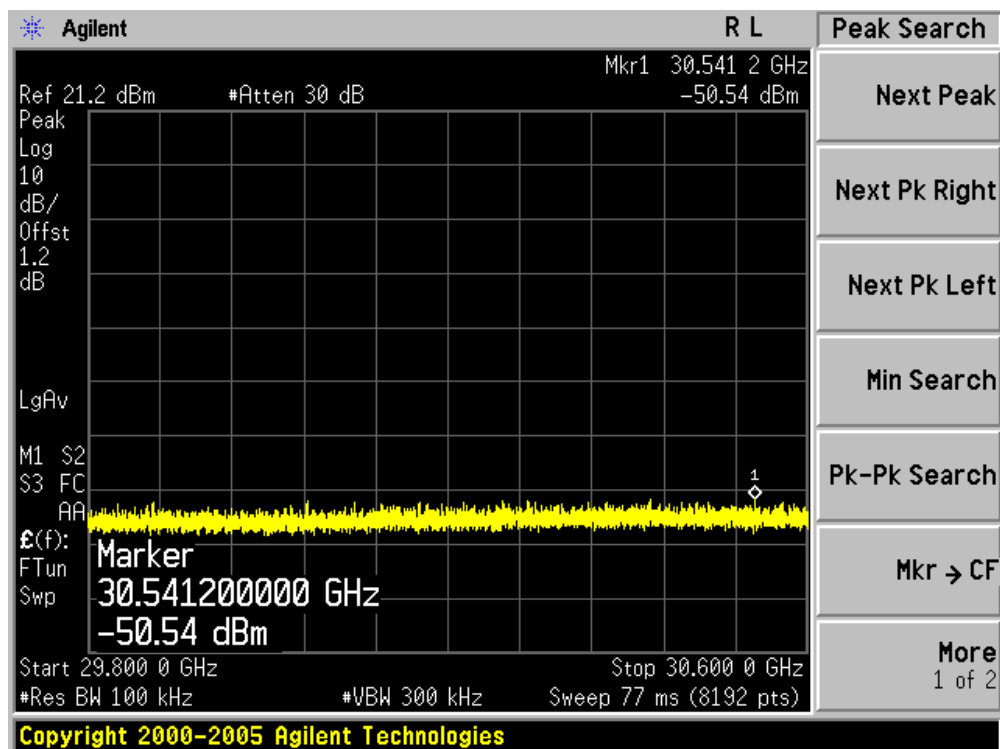
### Channel 155 (5755MHz)-5



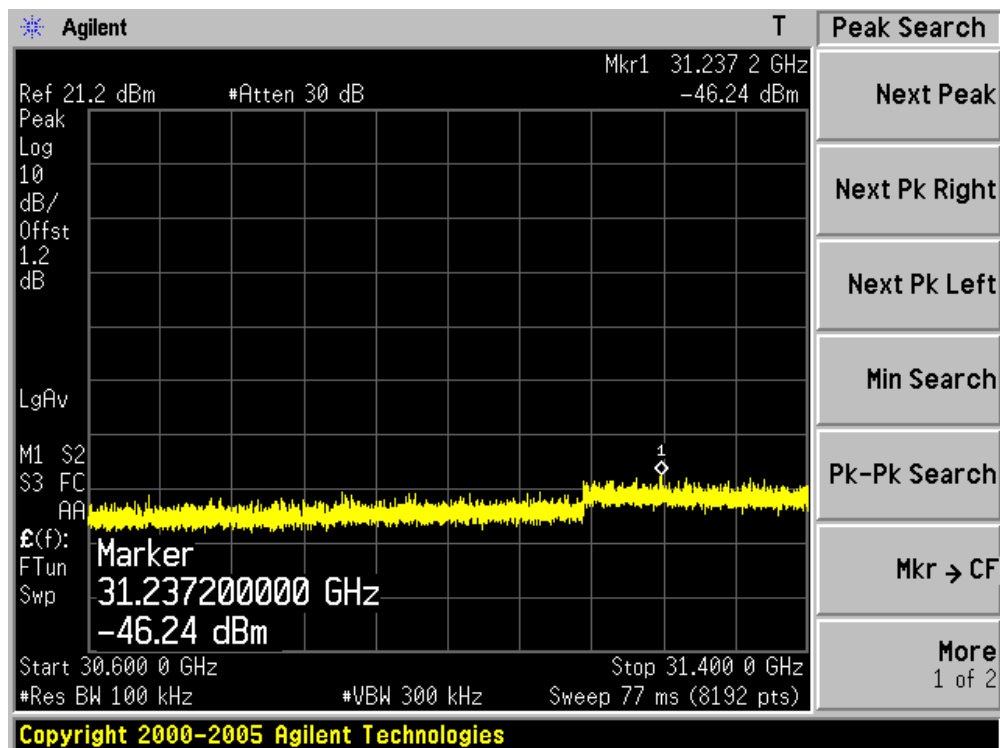
Channel 155 (5755MHz)-6



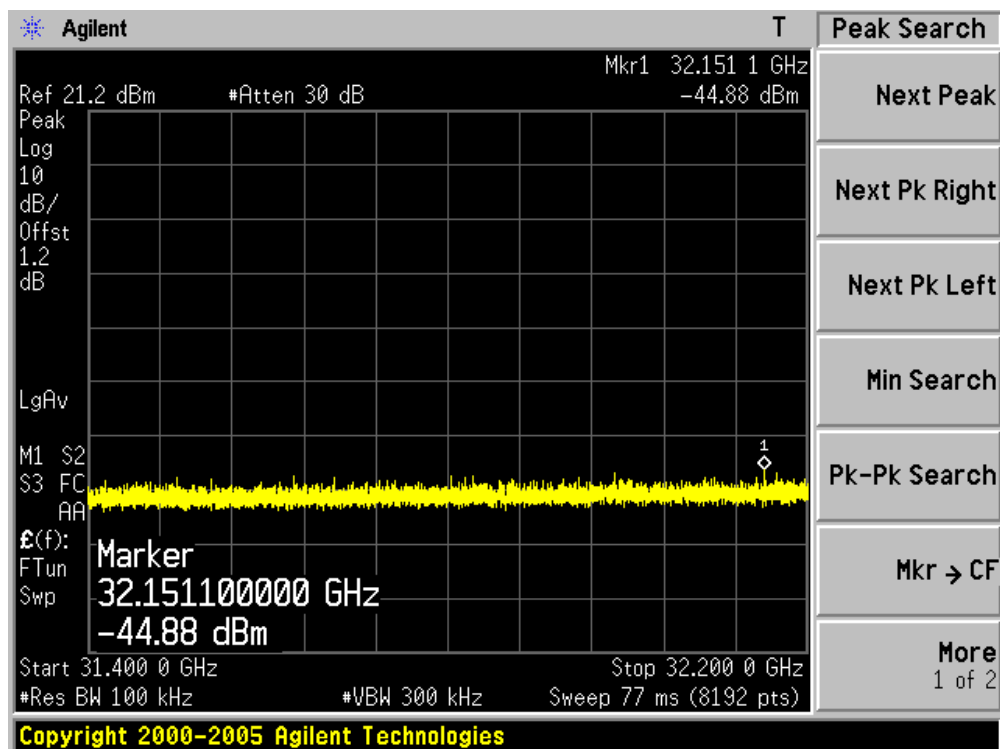
Channel 155 (5755MHz)-7



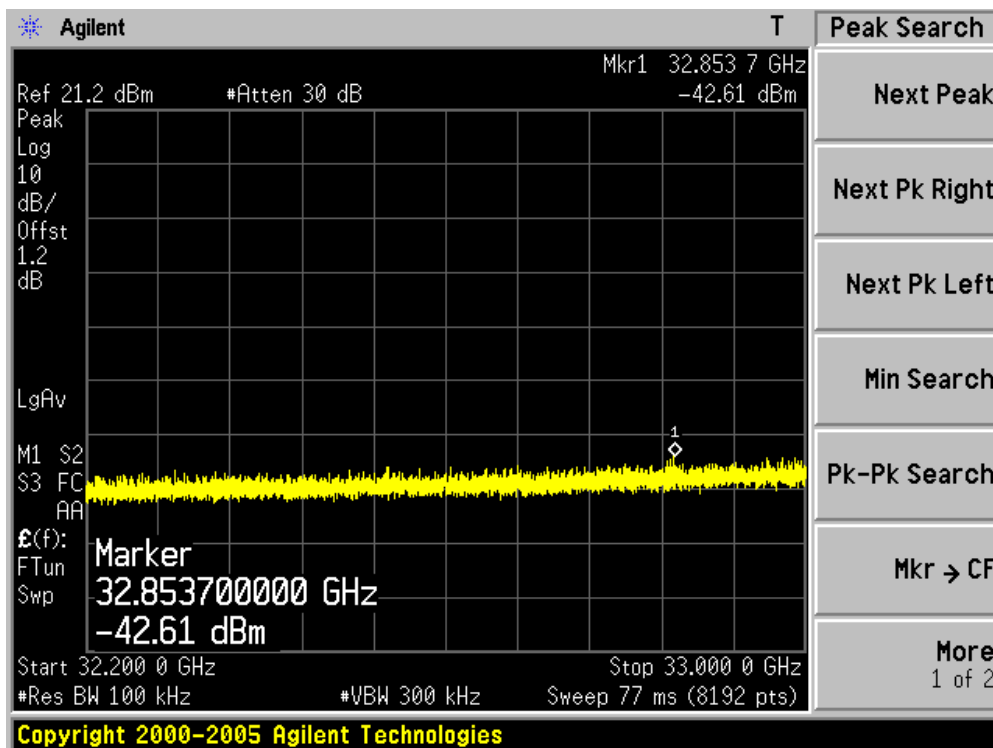
Channel 155 (5755MHz)-8



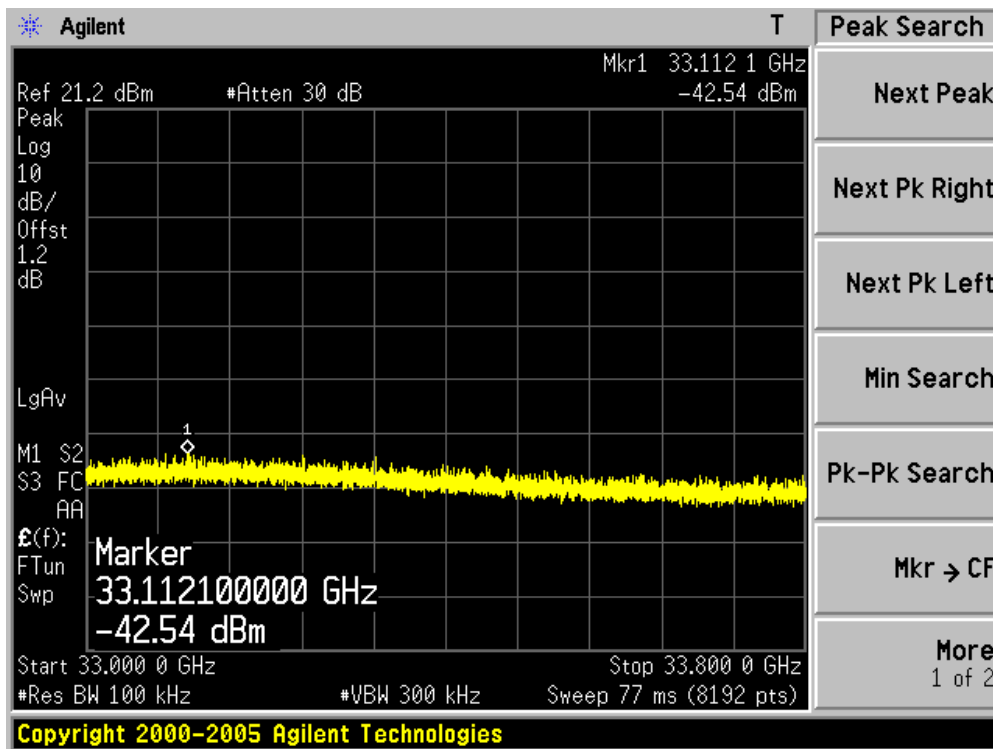
Channel 155 (5755MHz)-9



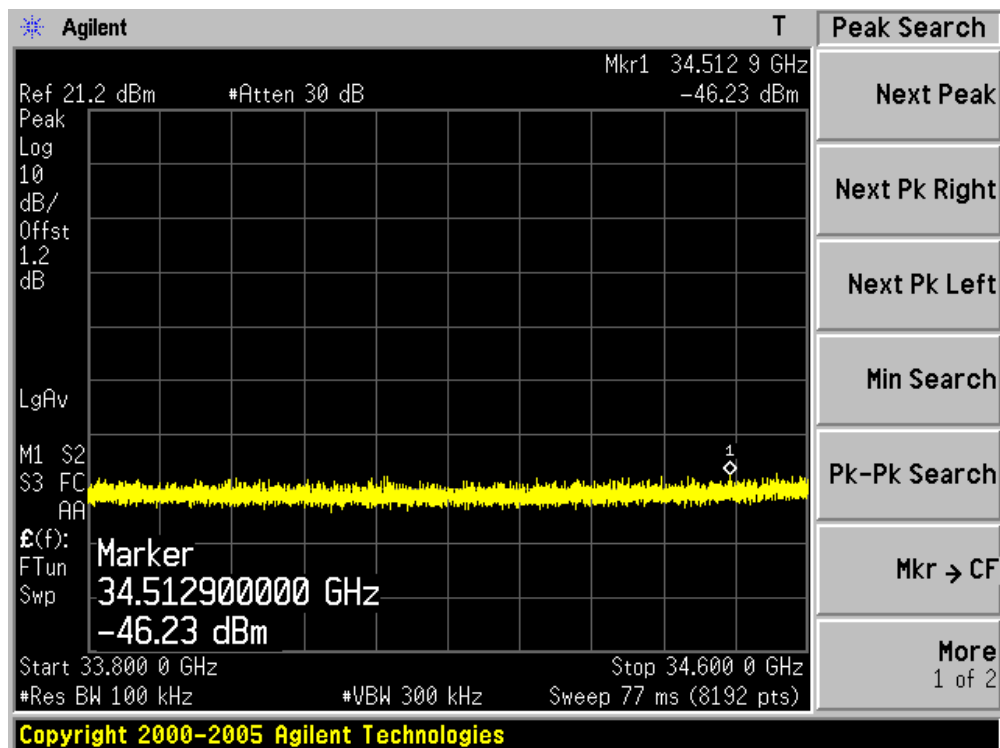
Channel 155 (5755MHz)-10



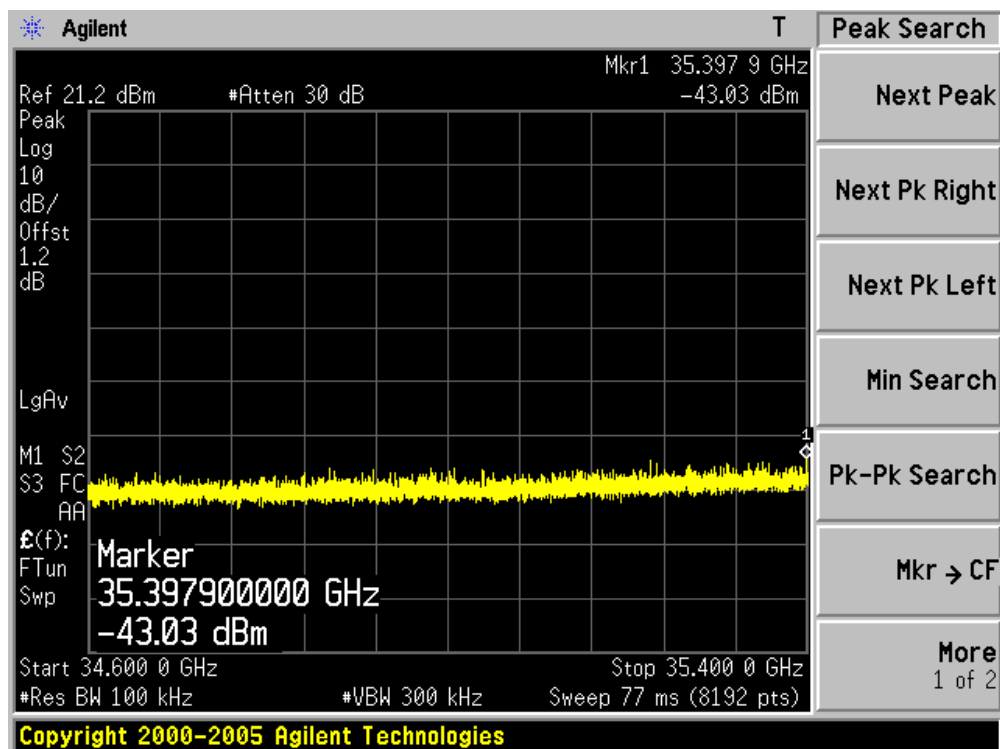
Channel 155 (5755MHz)-11



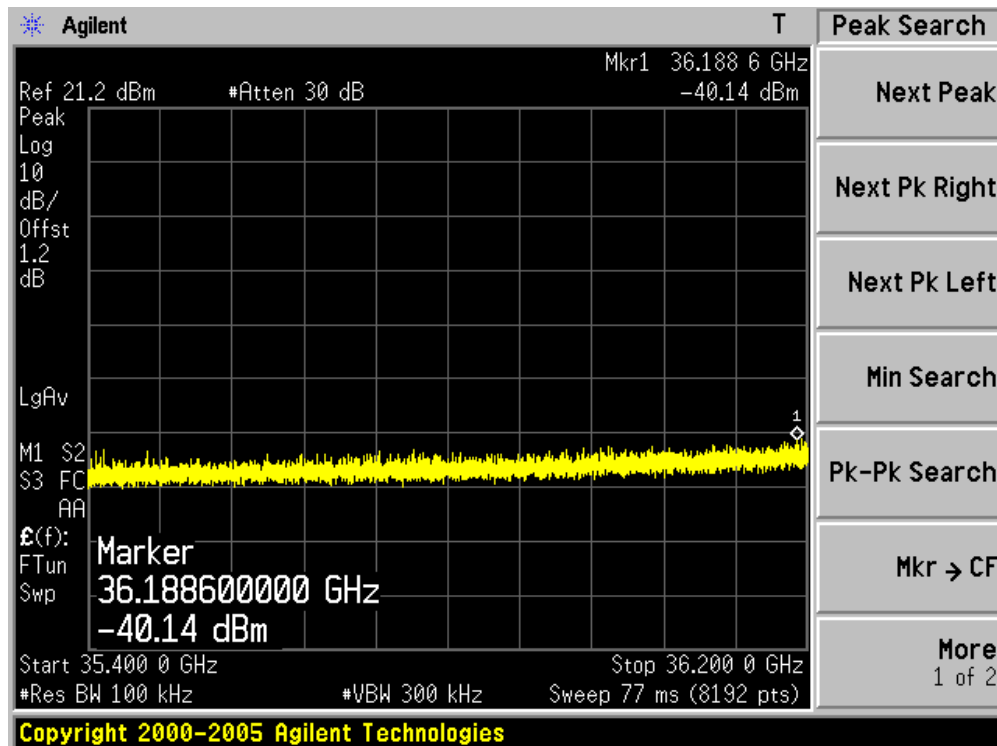
### Channel 155 (5755MHz)-12



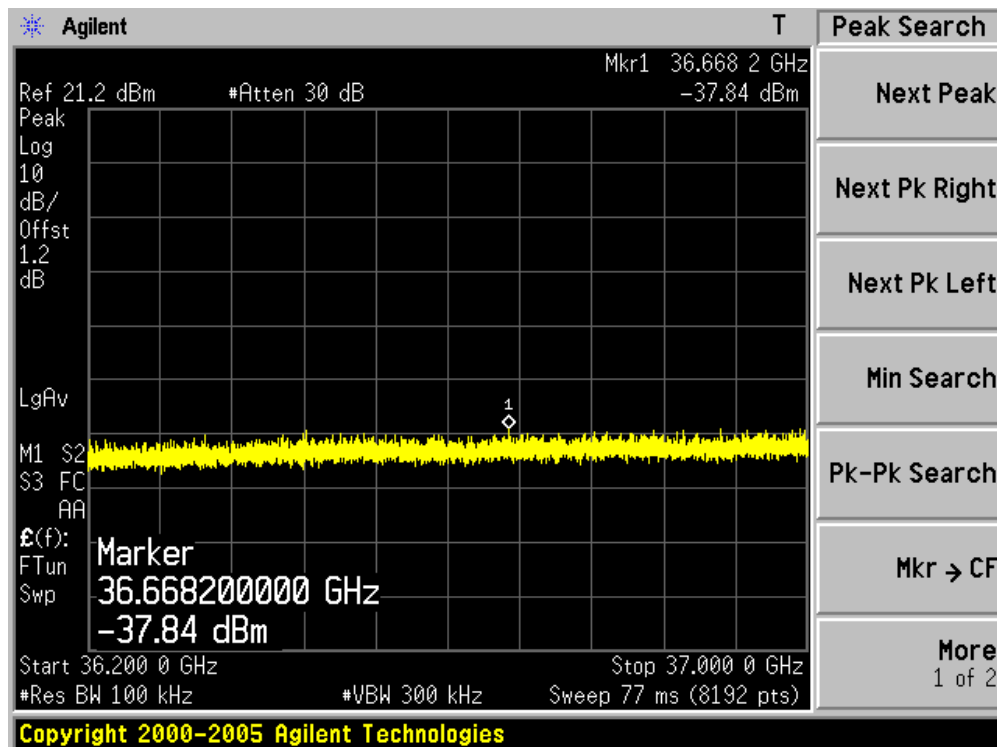
### Channel 155 (5755MHz)-13



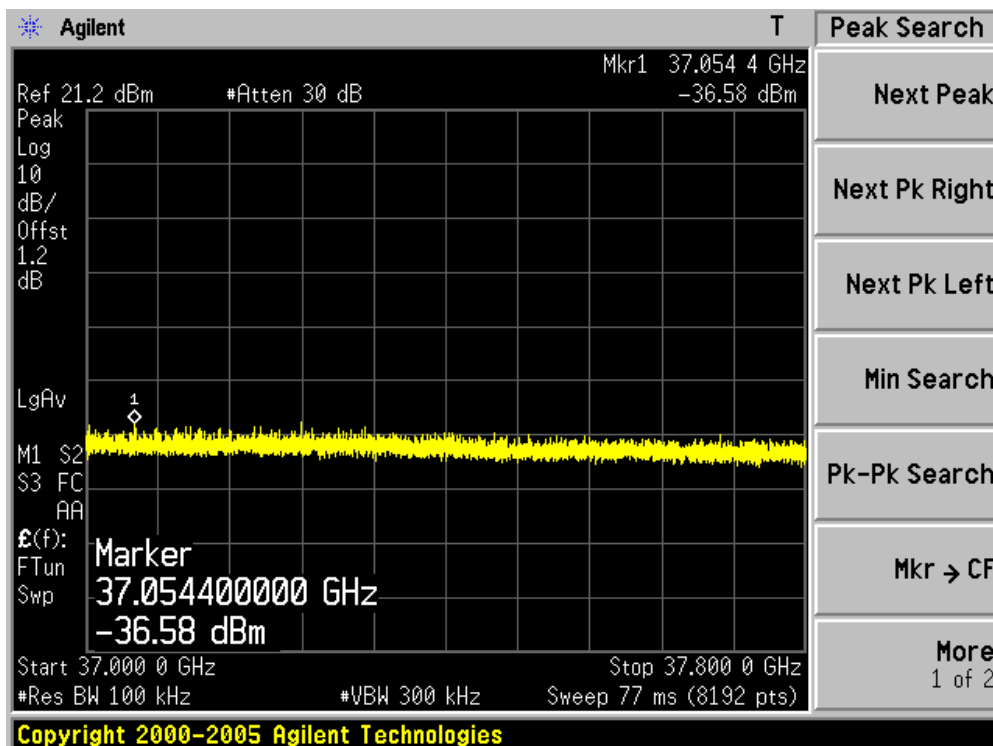
Channel 155 (5755MHz)-14



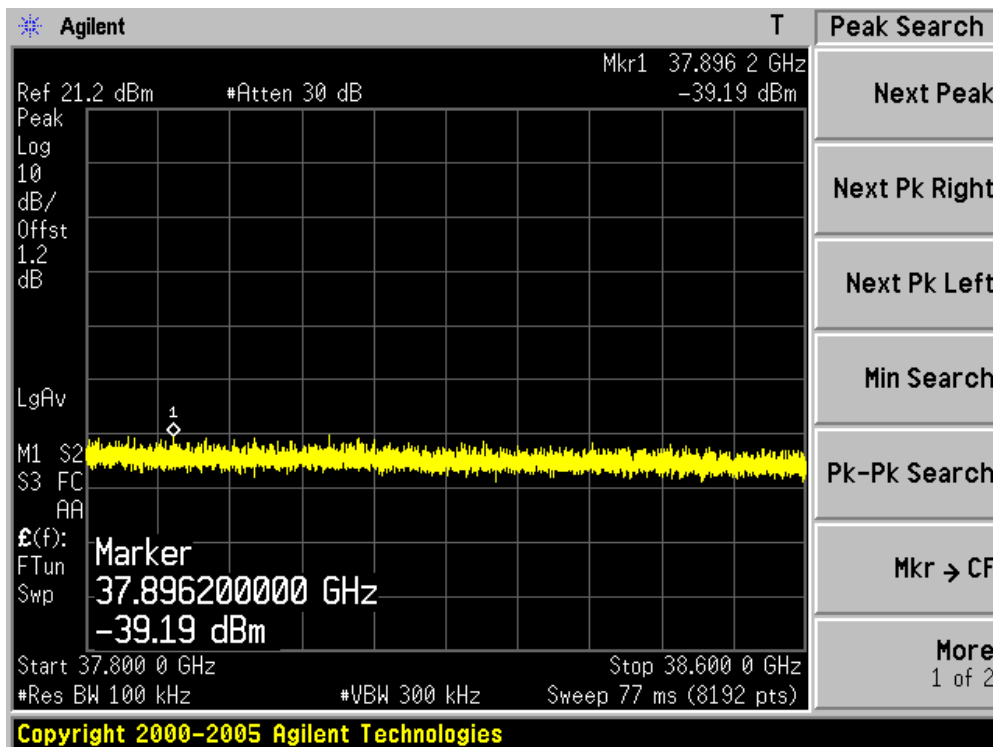
Channel 155 (5755MHz)-15



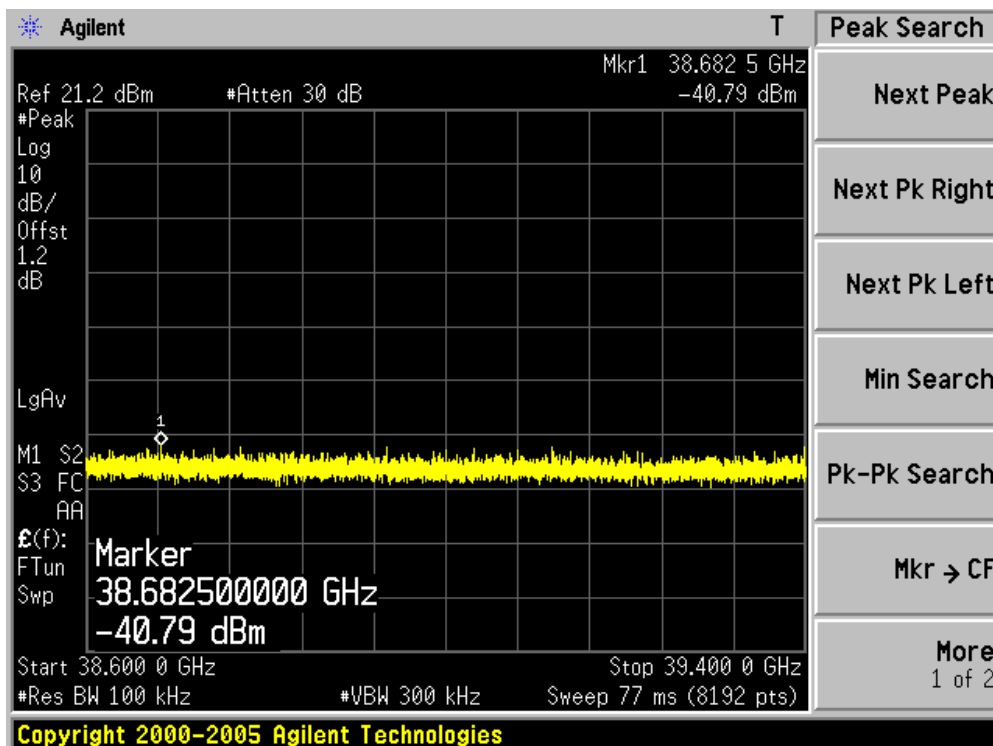
Channel 155 (5755MHz)-16



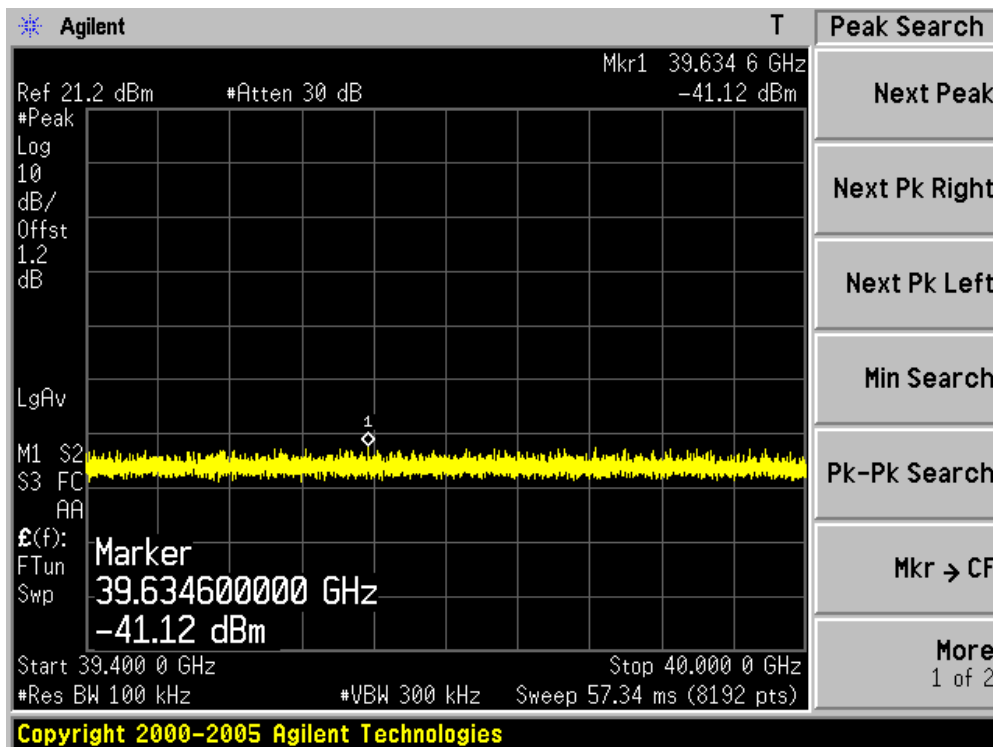
Channel 155 (5755MHz)-17



Channel 155 (5755MHz)-18

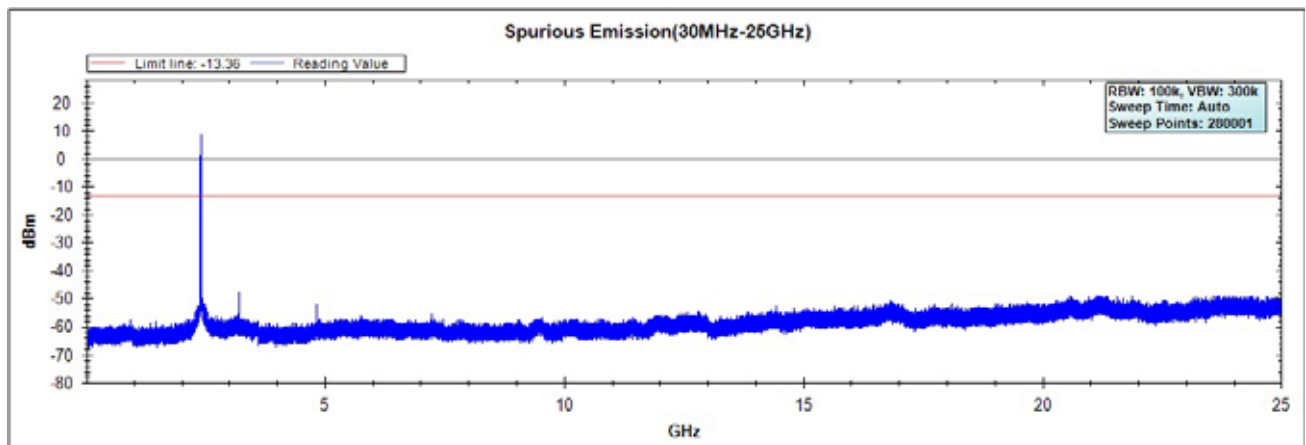


Channel 155 (5755MHz)-19

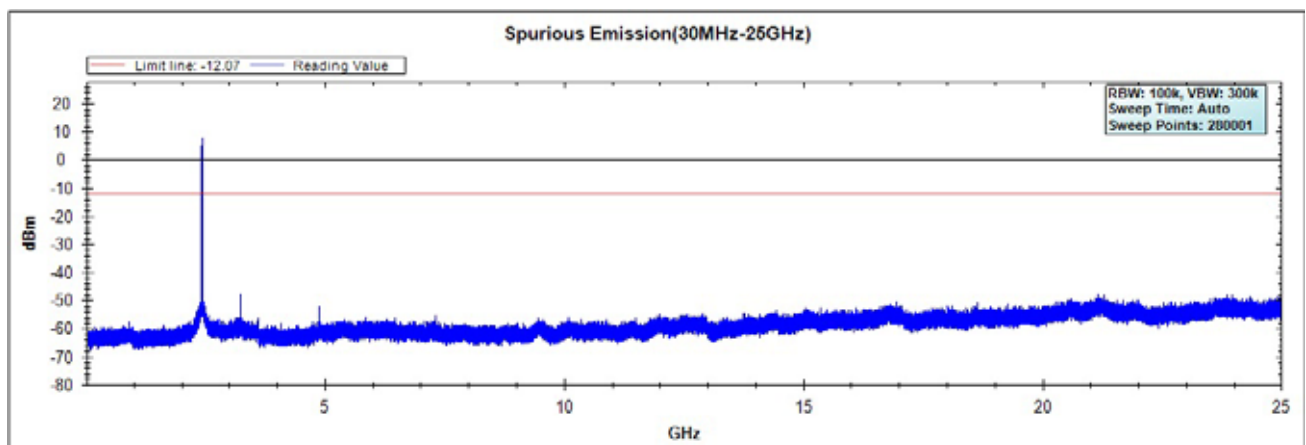


|           |   |                                     |
|-----------|---|-------------------------------------|
| Product   | : | Mi Wi-Fi                            |
| Test Item | : | RF Antenna Conducted Spurious       |
| Test Site | : | TR-8                                |
| Test Mode | : | Mode 1: Transmit by 802.11b (Ant 2) |

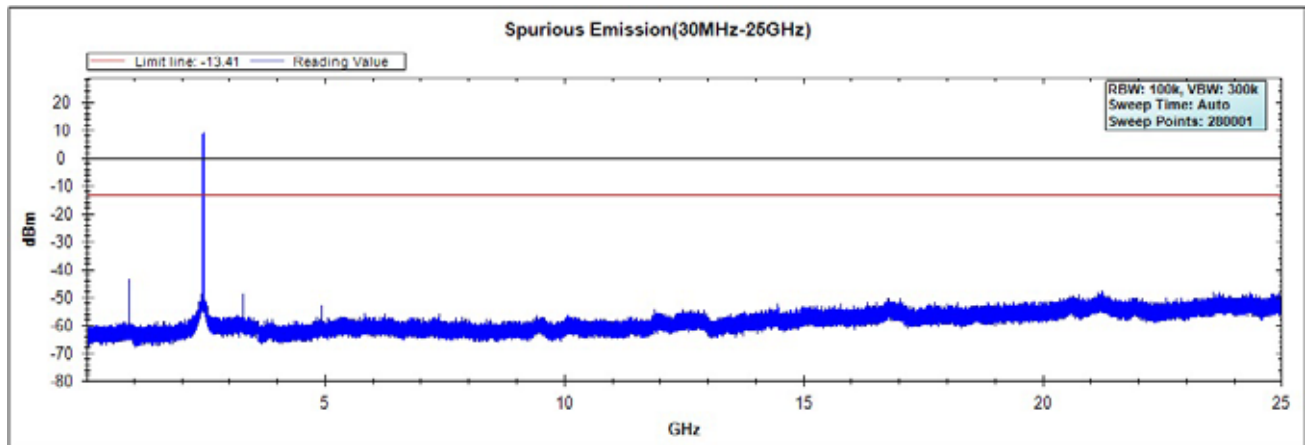
### Channel 01 (2412MHz)



### Channel 06 (2437MHz)

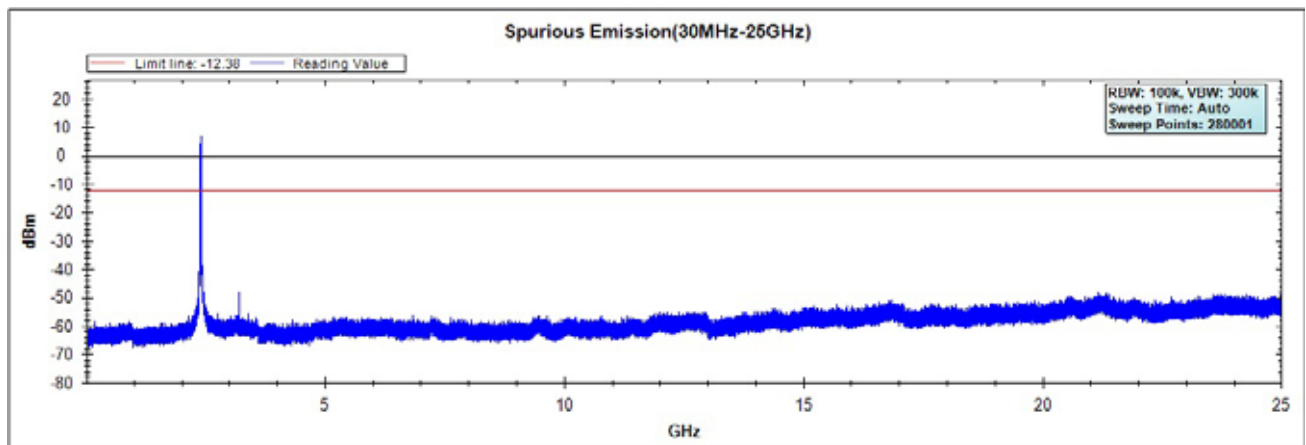


### Channel 11 (2462MHz)

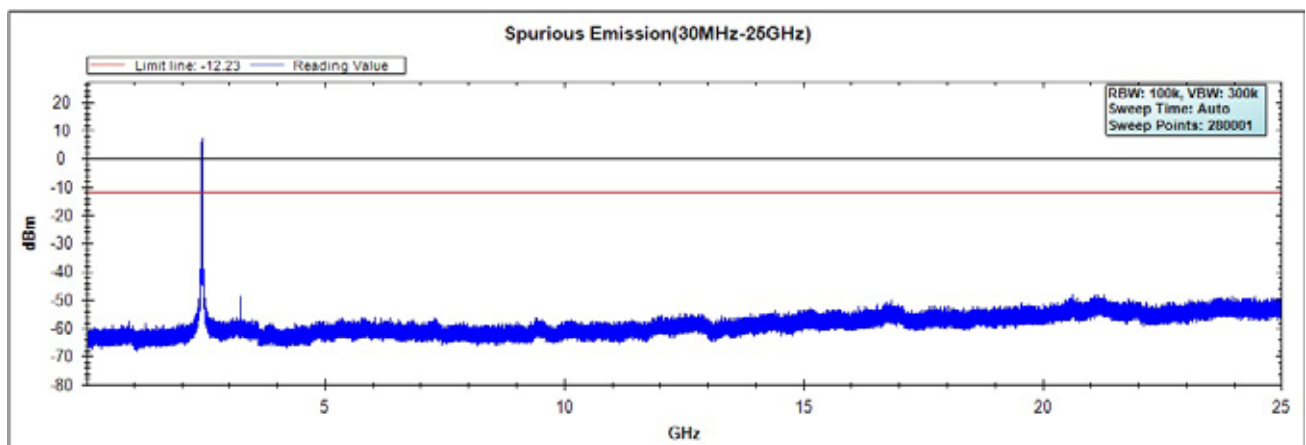


|           |   |                                     |
|-----------|---|-------------------------------------|
| Product   | : | Mi Wi-Fi                            |
| Test Item | : | RF Antenna Conducted Spurious       |
| Test Site | : | TR-8                                |
| Test Mode | : | Mode 2: Transmit by 802.11g (Ant 2) |

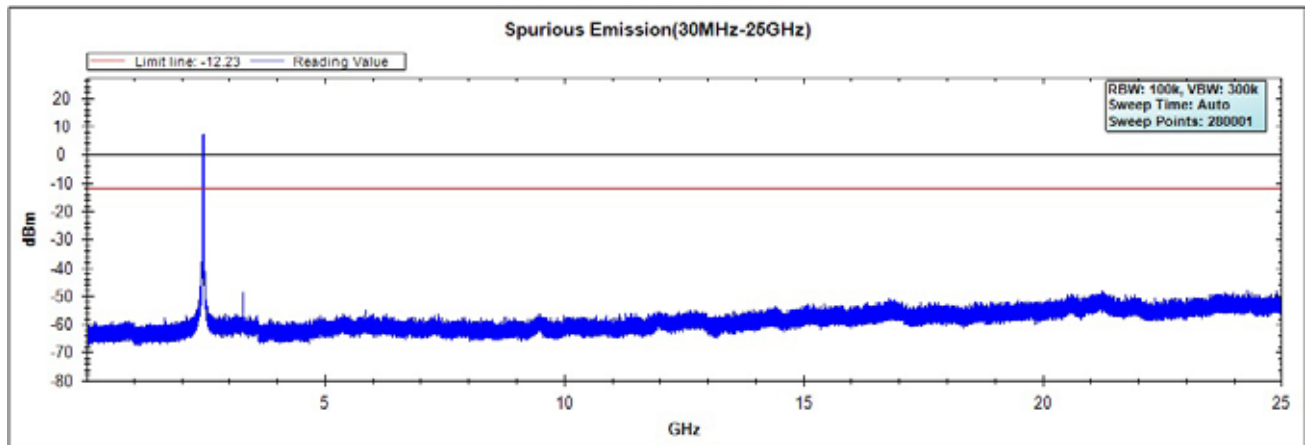
### Channel 01 (2412MHz)



### Channel 06 (2437MHz)

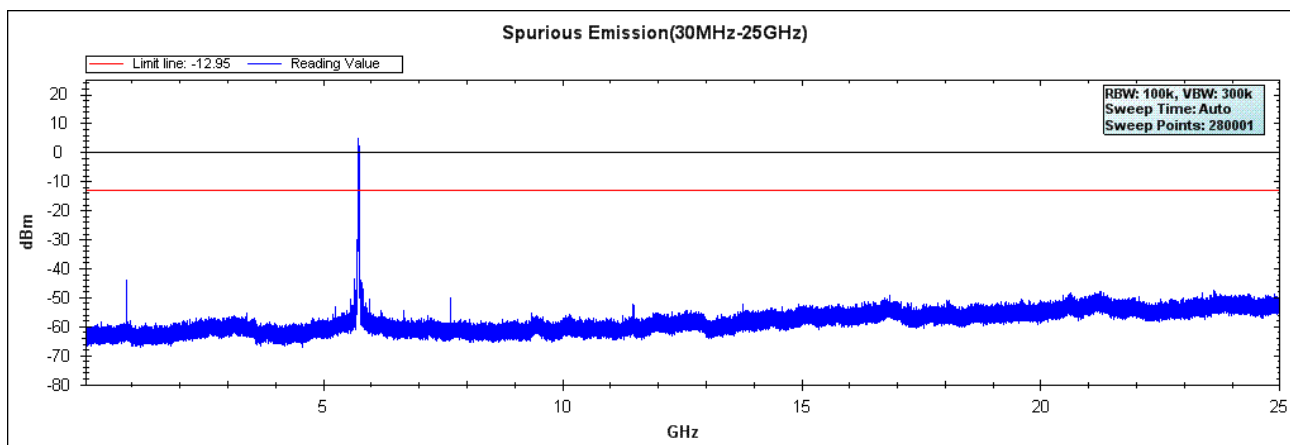


### Channel 11 (2462MHz)

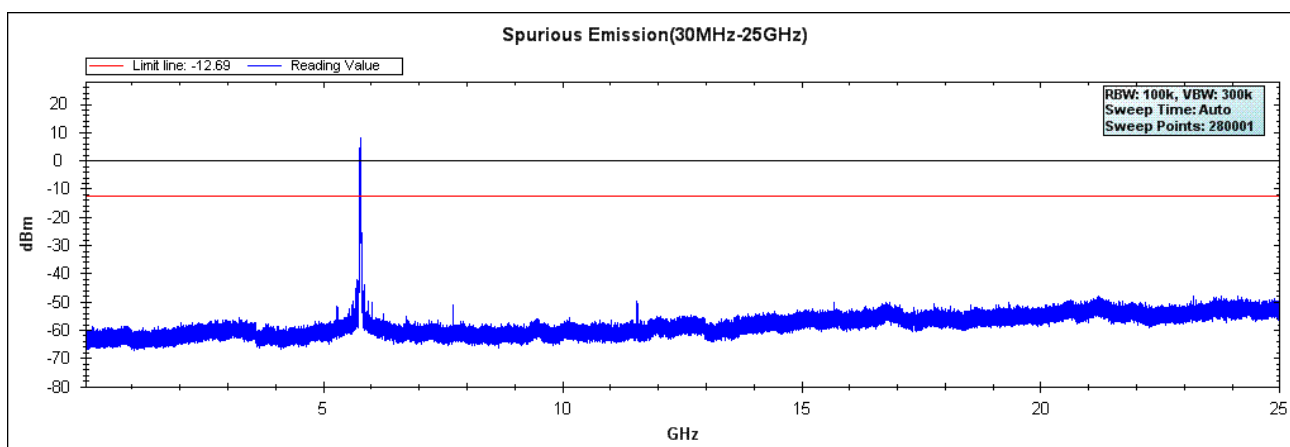


|           |   |                                     |
|-----------|---|-------------------------------------|
| Product   | : | Mi Wi-Fi                            |
| Test Item | : | RF Antenna Conducted Spurious       |
| Test Site | : | TR-8                                |
| Test Mode | : | Mode 3: Transmit by 802.11a (Ant 2) |

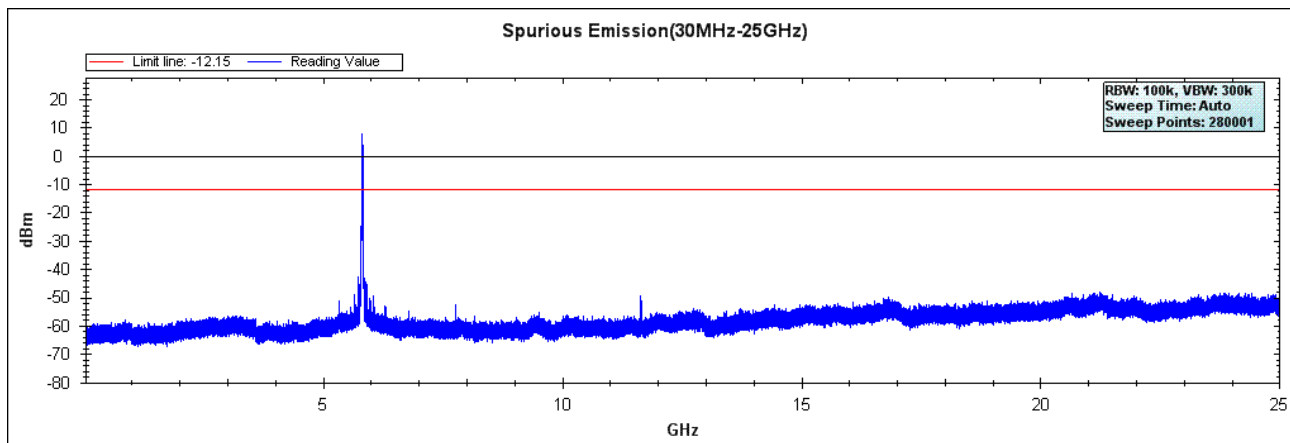
### Channel 149 (5745MHz)



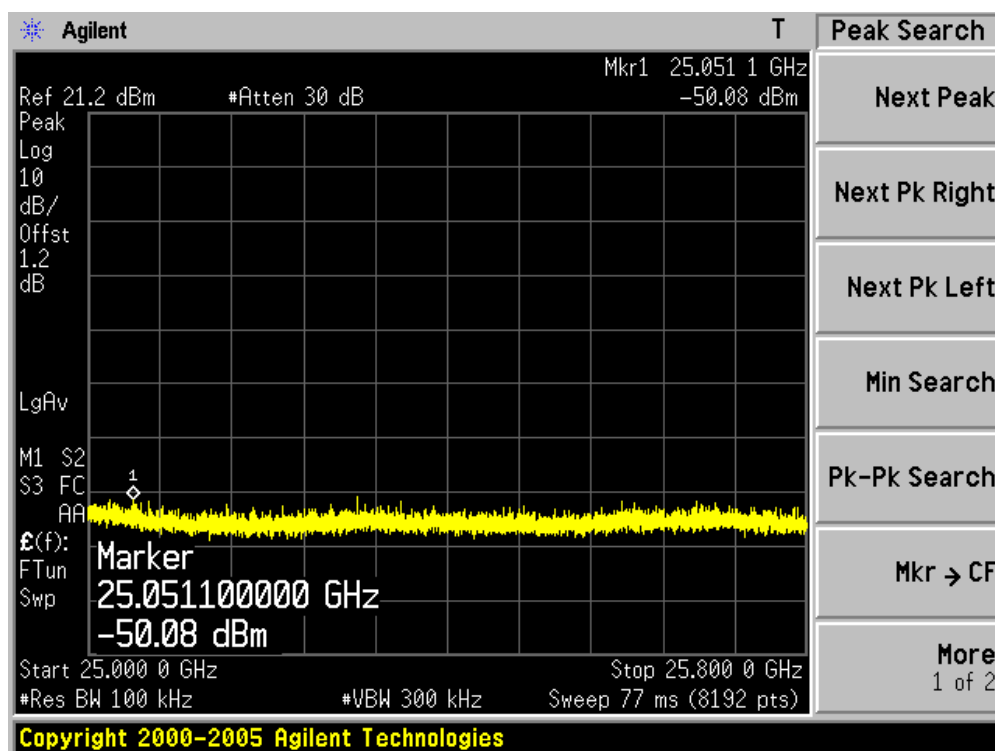
### Channel 157 (5785MHz)



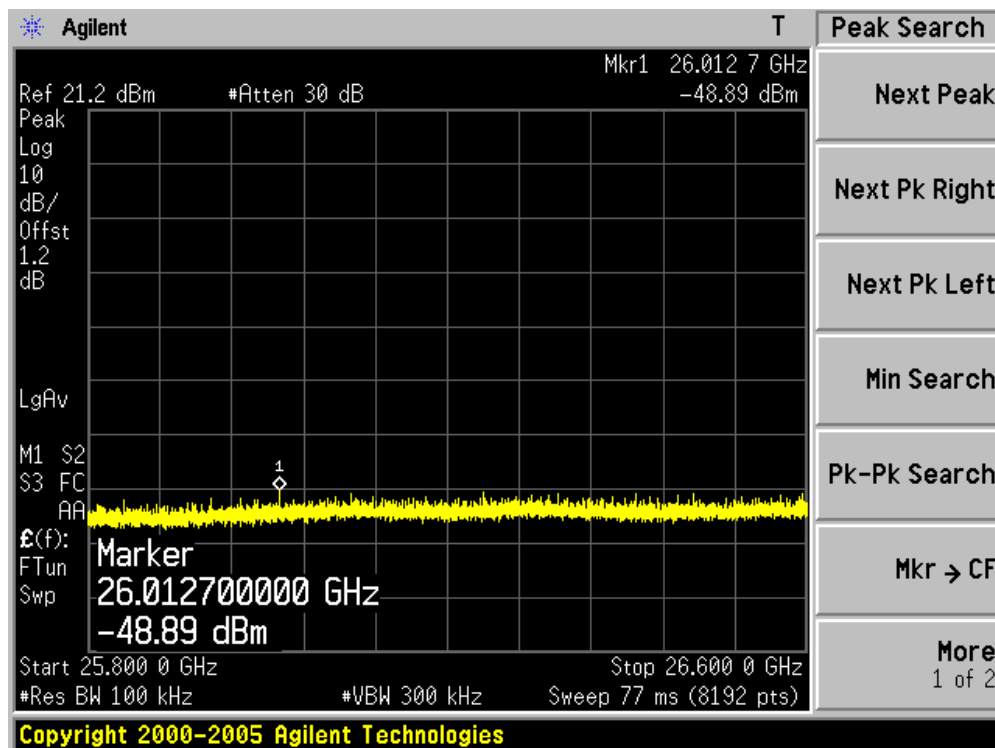
### Channel 165 (5825MHz)



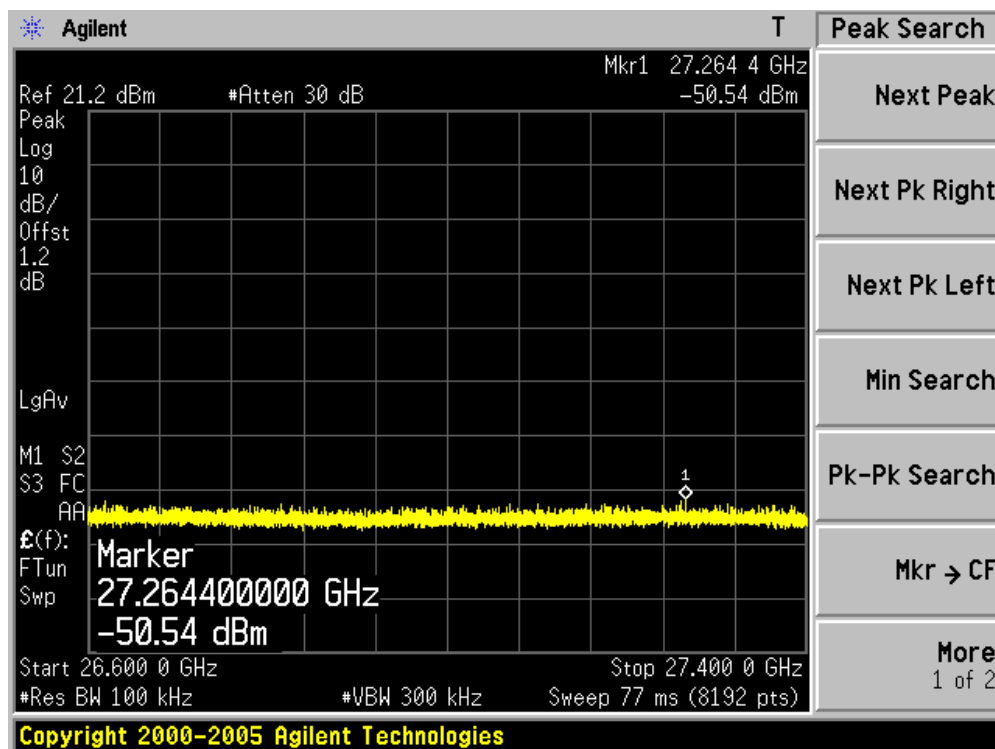
### Channel 149 (5745MHz)-1



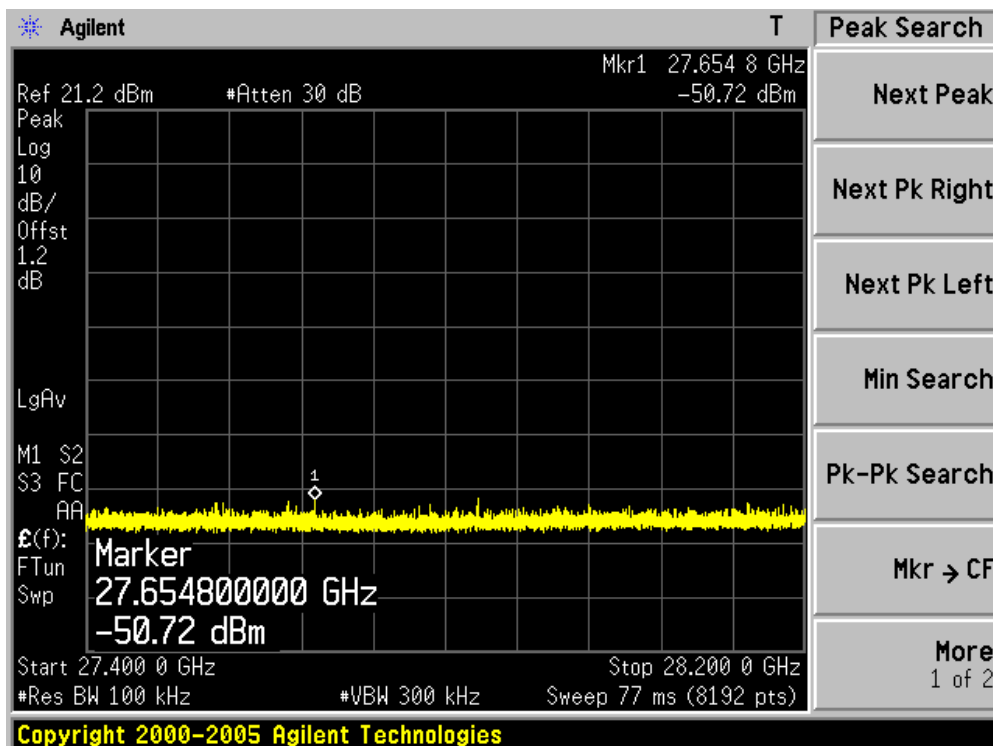
### Channel 149 (5745MHz)-2



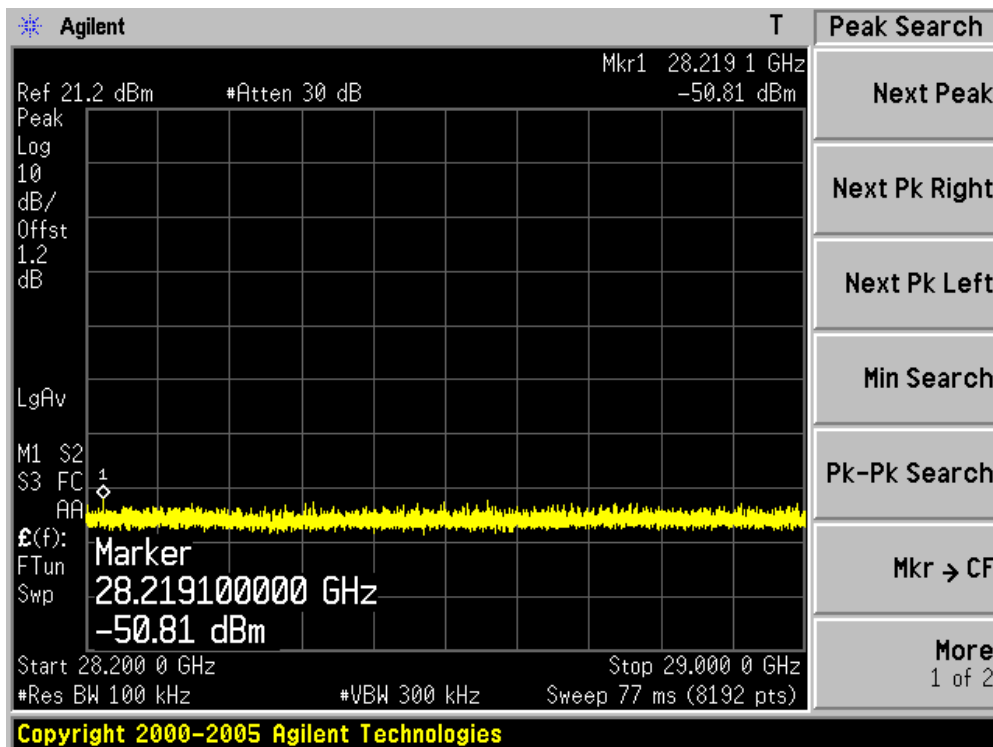
### Channel 149 (5745MHz)-3



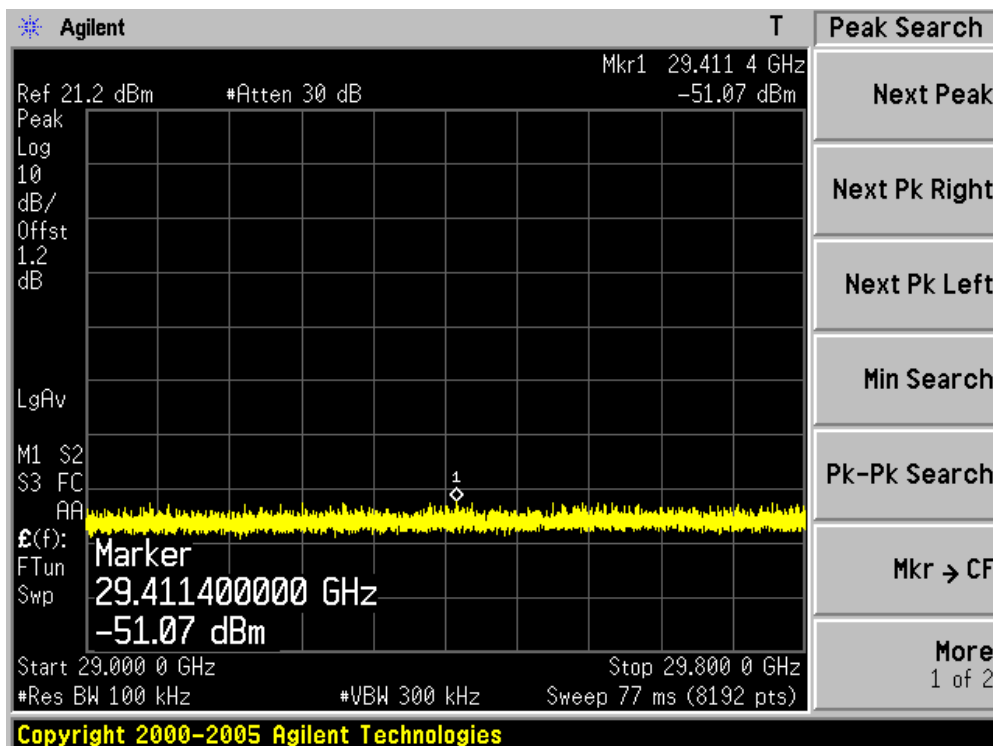
Channel 149 (5745MHz)-4



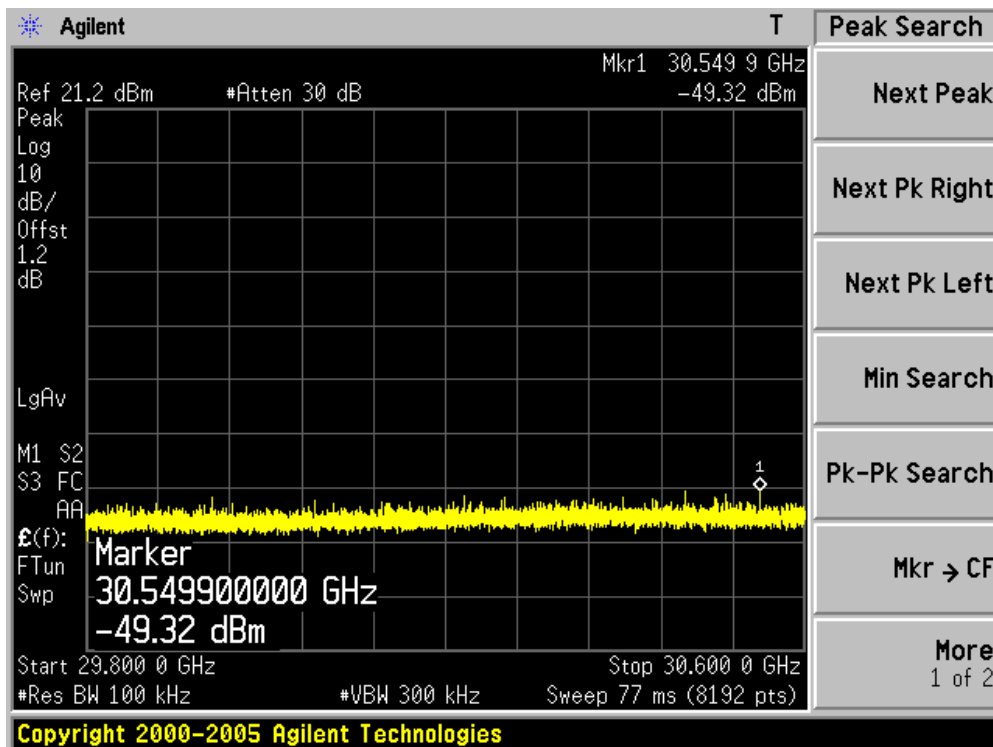
Channel 149 (5745MHz)-5



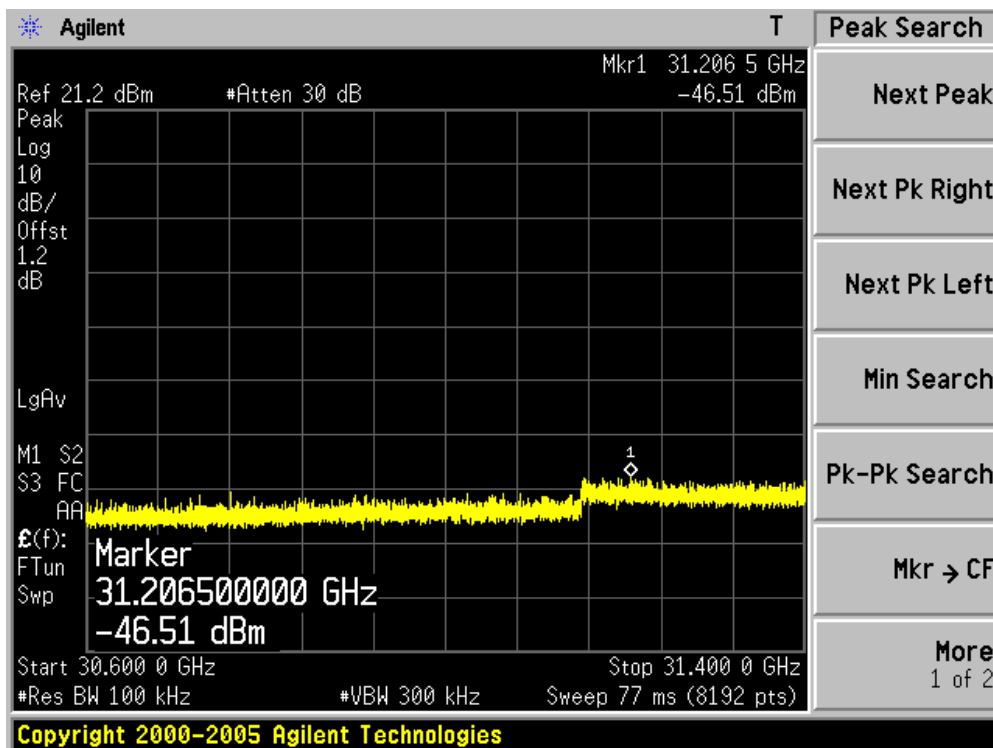
Channel 149 (5745MHz)-6



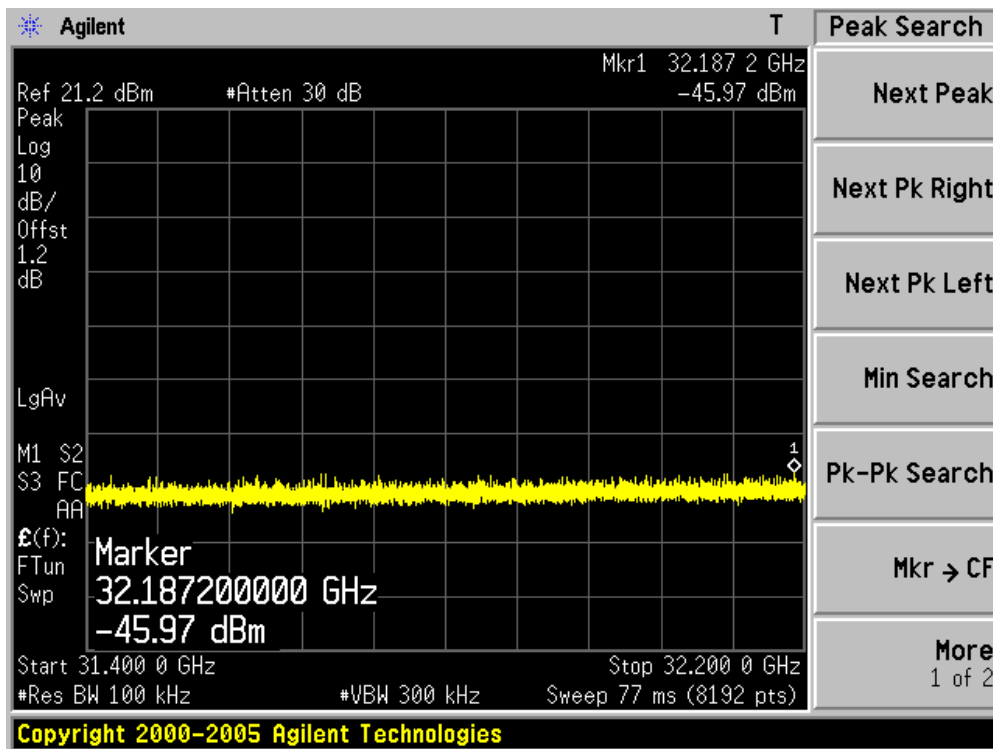
Channel 149 (5745MHz)-7



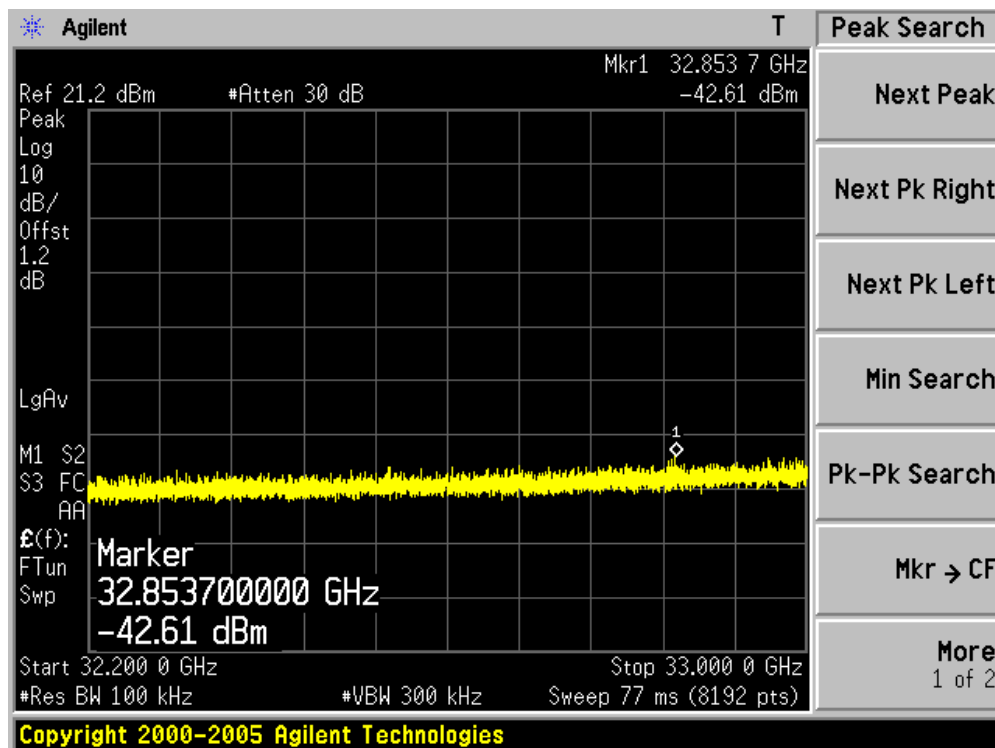
Channel 149 (5745MHz)-8



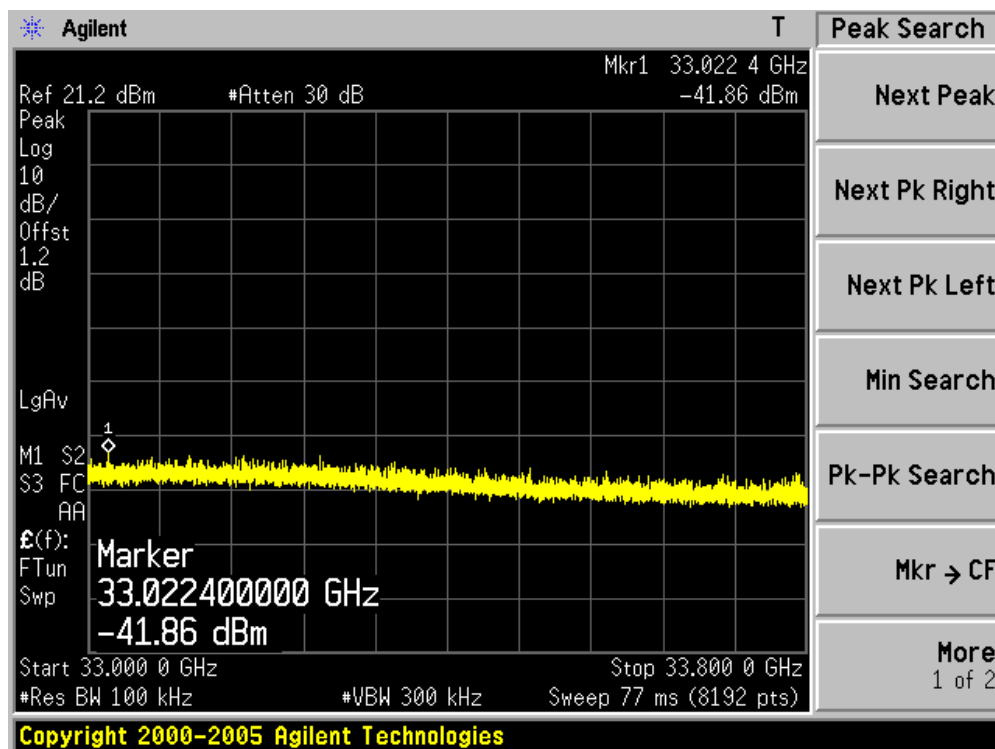
Channel 149 (5745MHz)-9



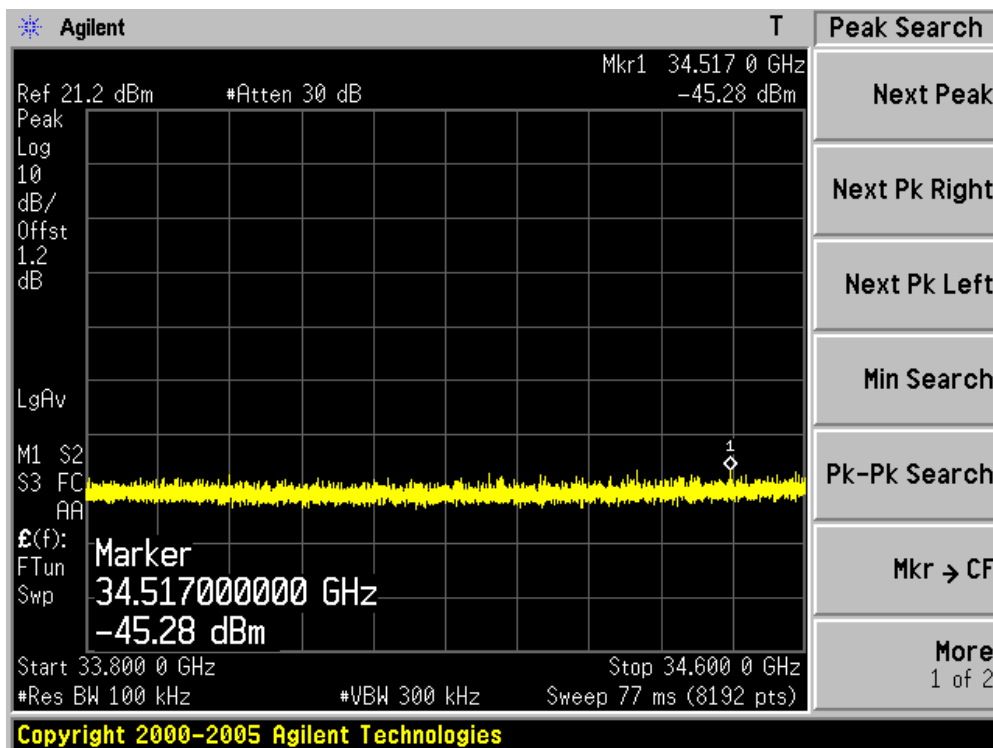
Channel 149 (5745MHz)-10



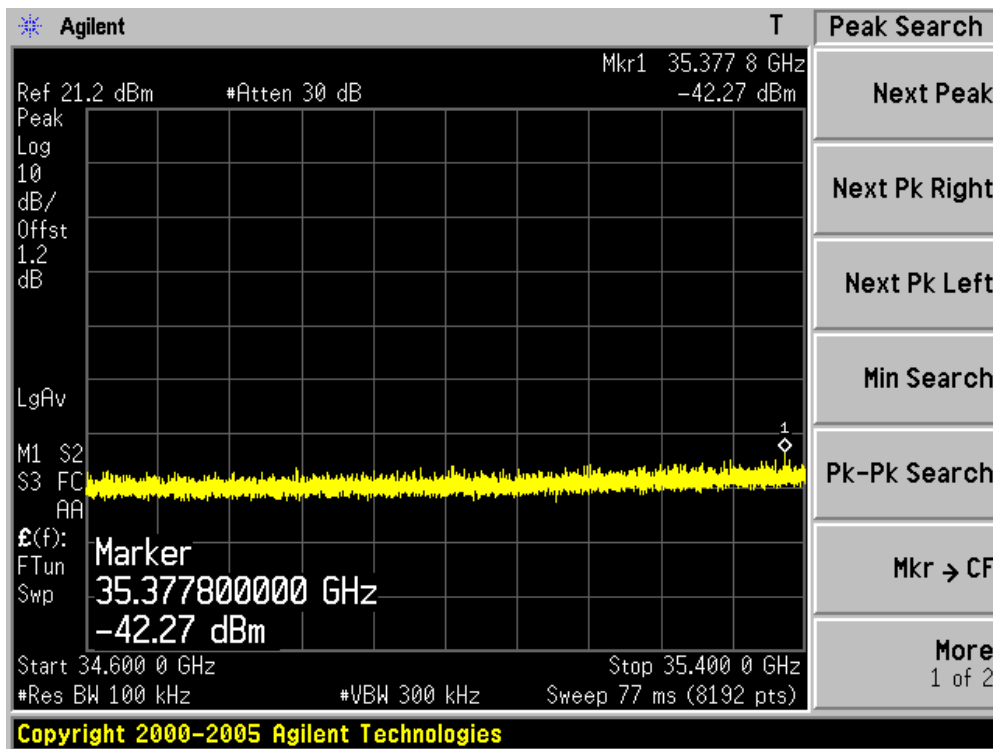
Channel 149 (5745MHz)-11



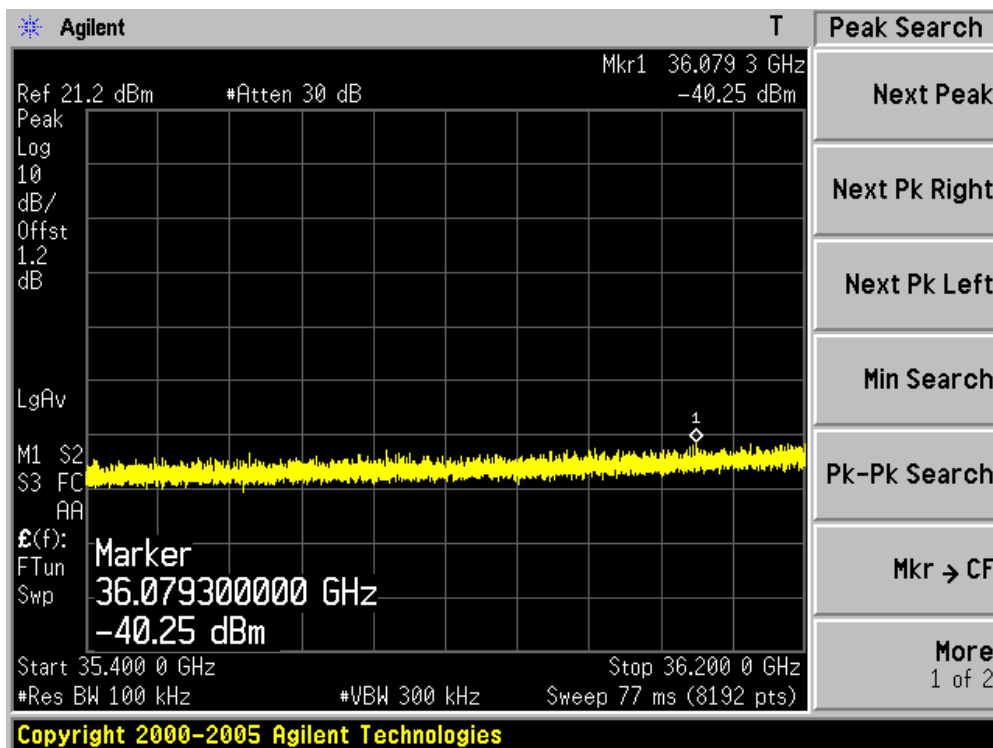
Channel 149 (5745MHz)-12



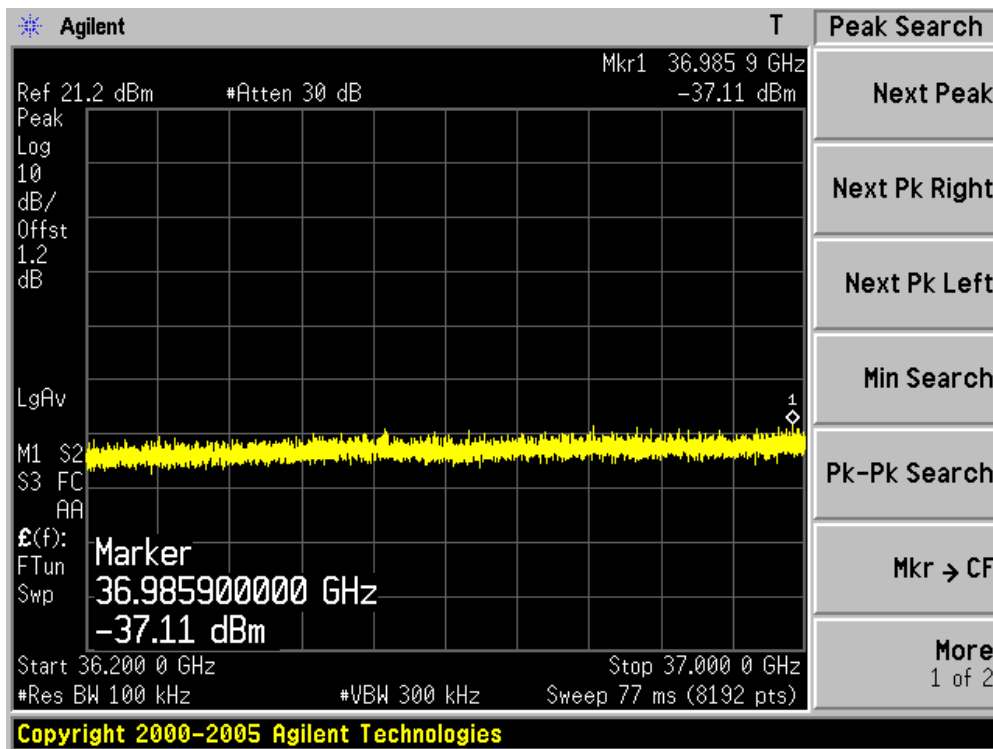
Channel 149 (5745MHz)-13



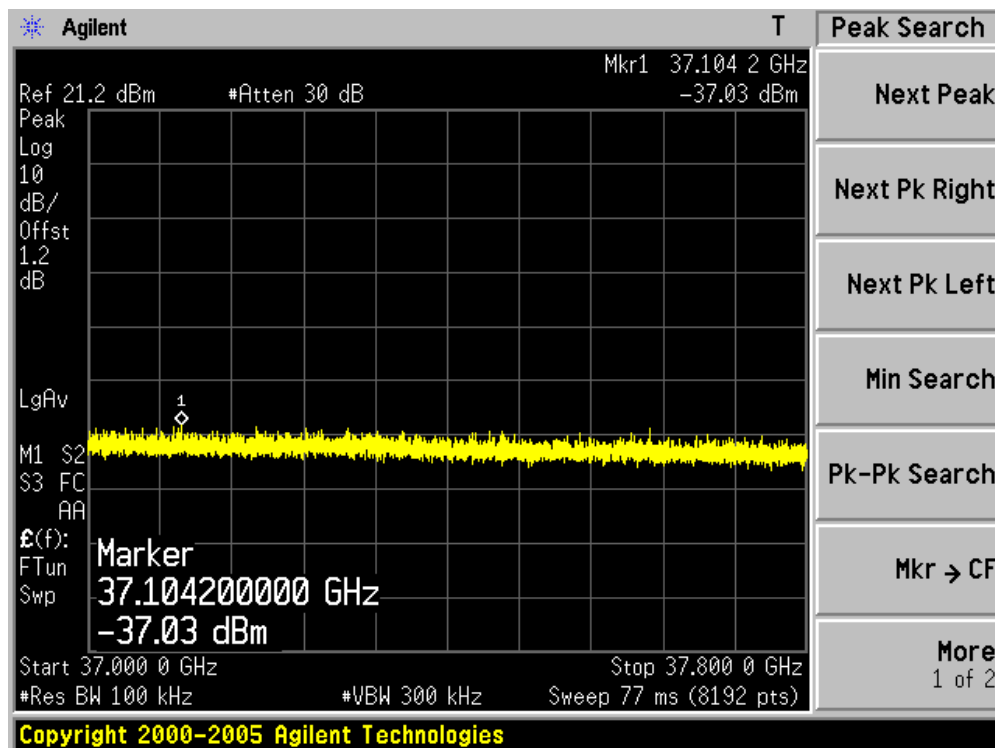
Channel 149 (5745MHz)-14



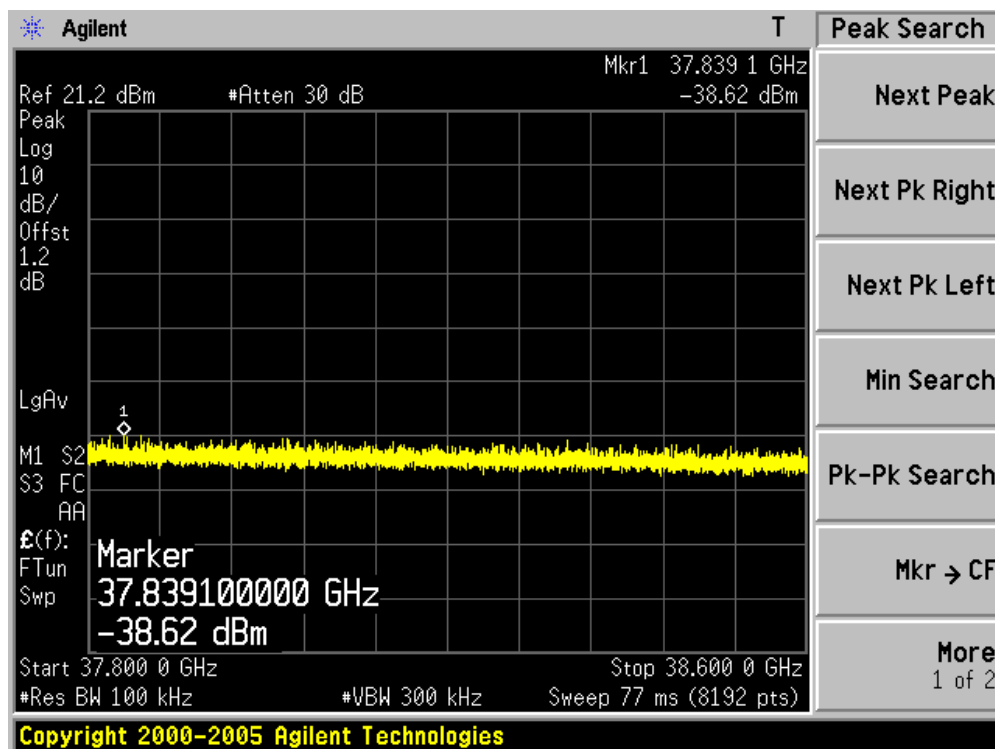
Channel 149 (5745MHz)-15



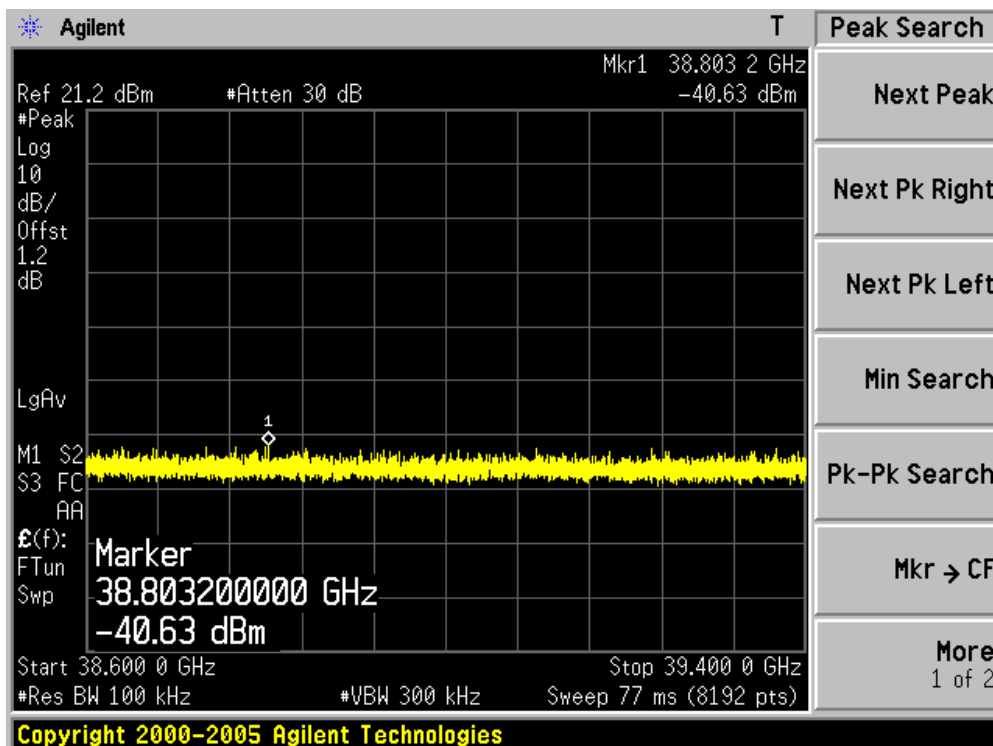
Channel 149 (5745MHz)-16



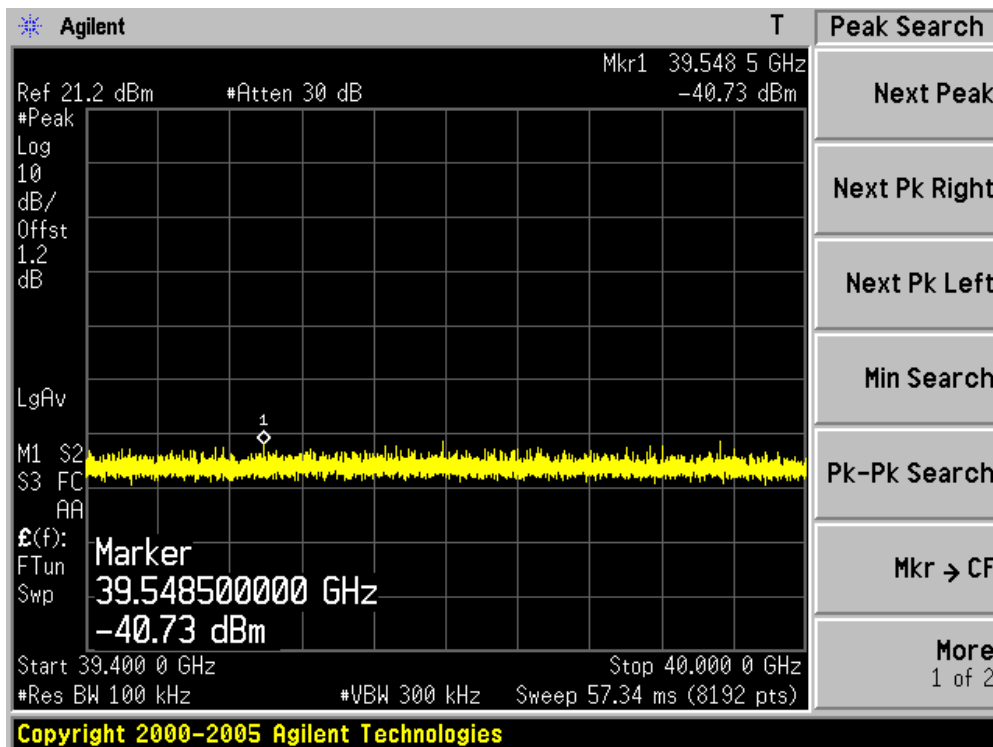
Channel 149 (5745MHz)-17



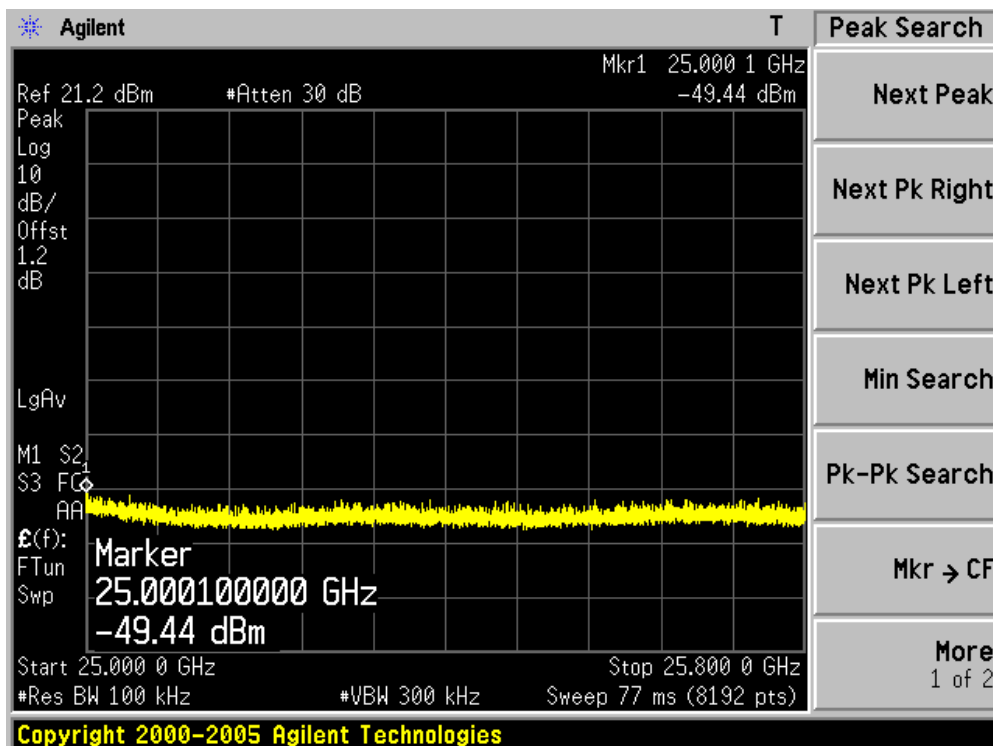
Channel 149 (5745MHz)-18



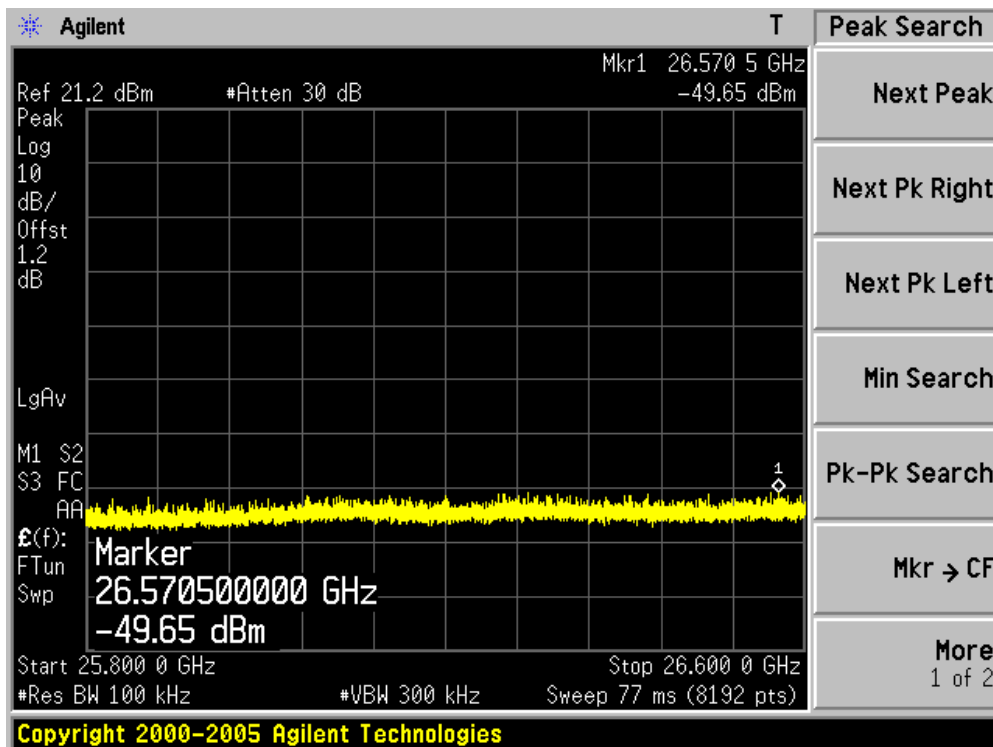
Channel 149 (5745MHz)-19



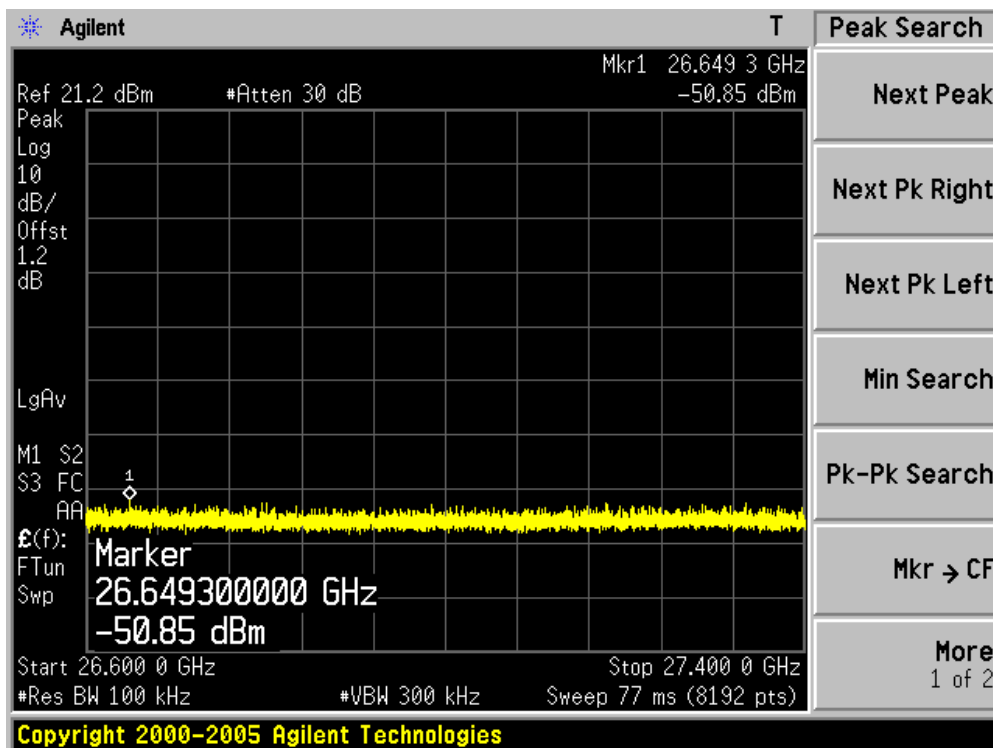
### Channel 157 (5785MHz)-1



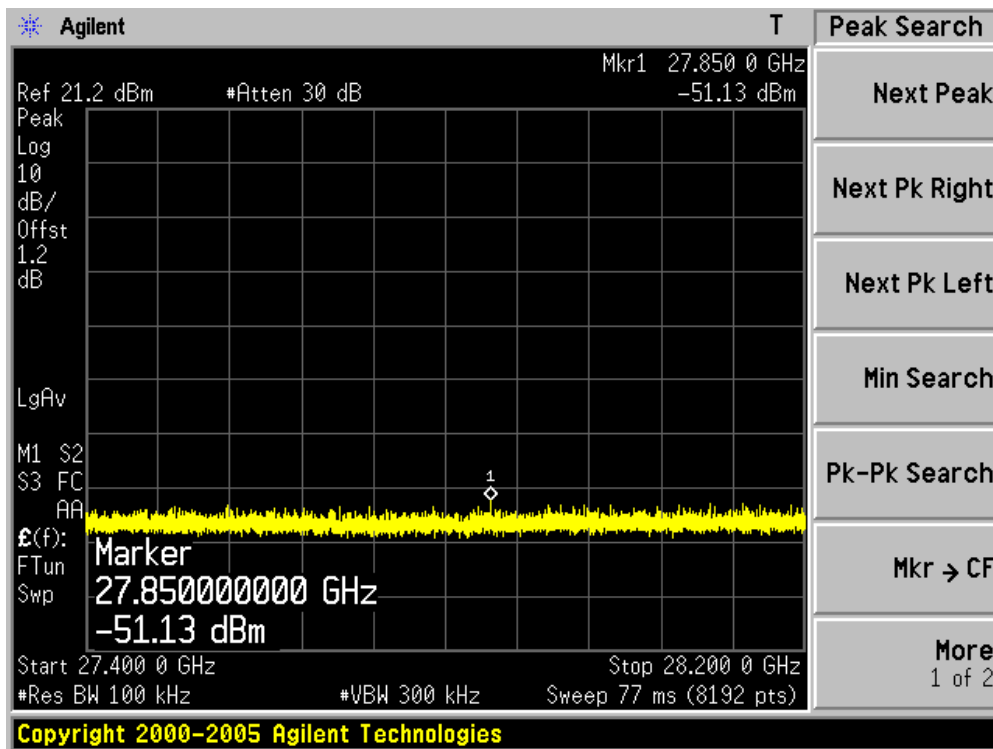
### Channel 157 (5785MHz)-2



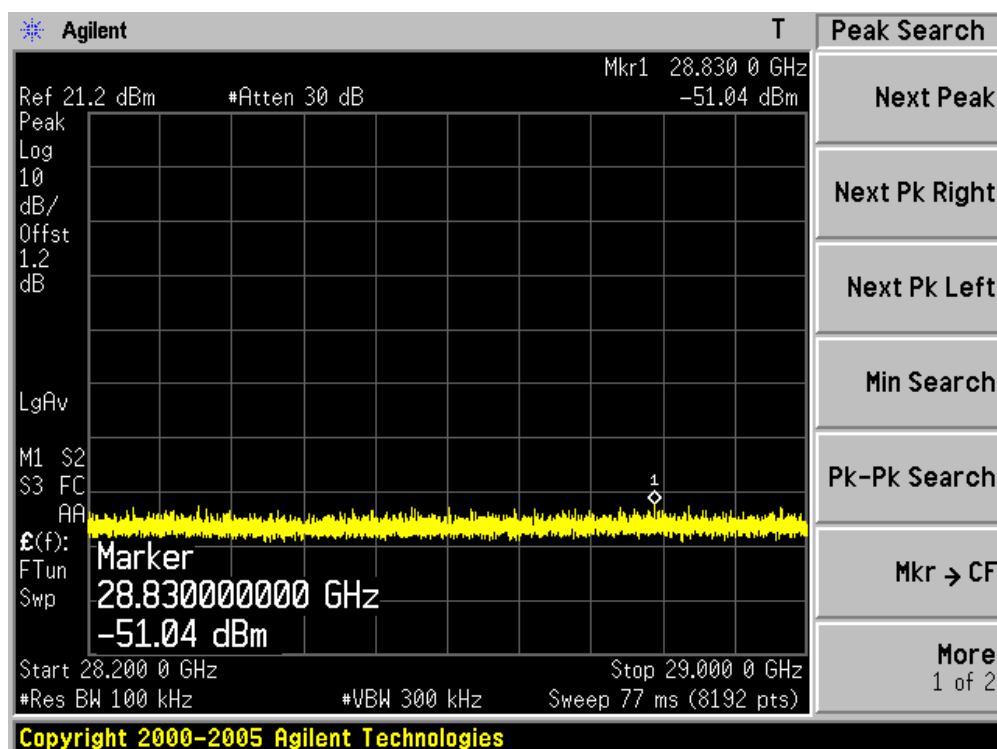
Channel 157 (5785MHz)-3



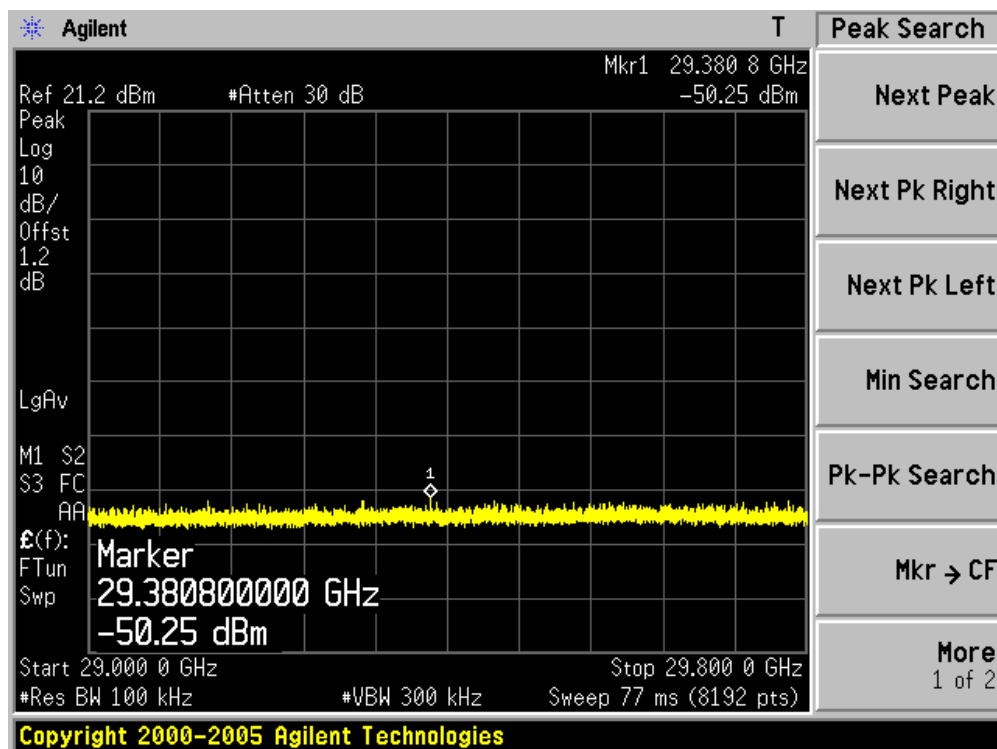
Channel 157 (5785MHz)-4



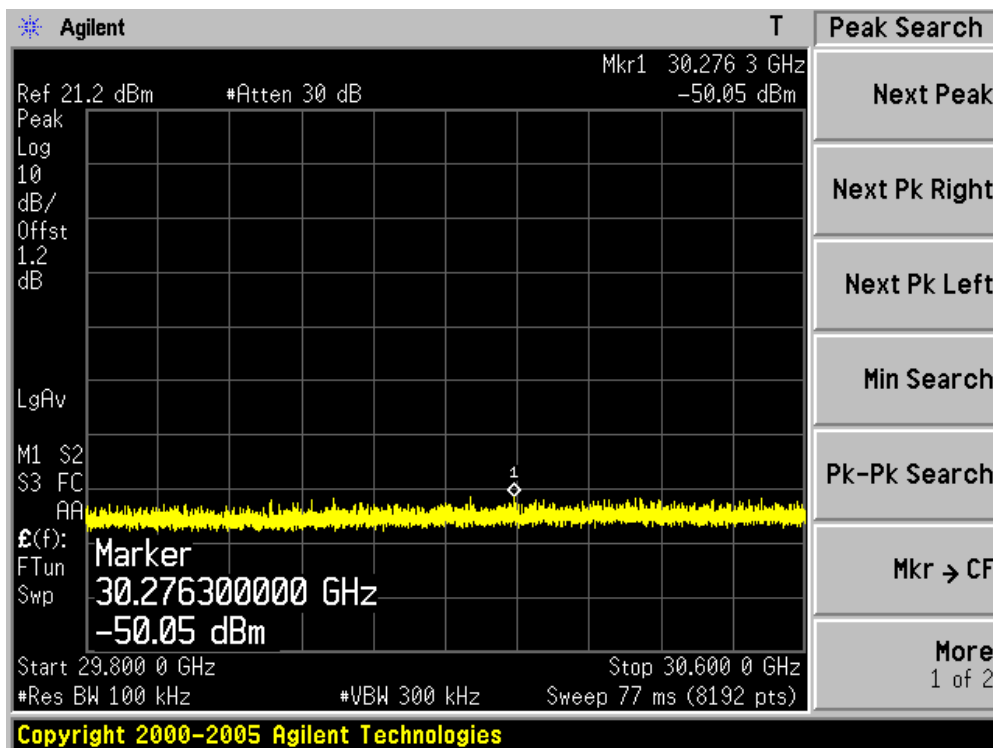
### Channel 157 (5785MHz)-5



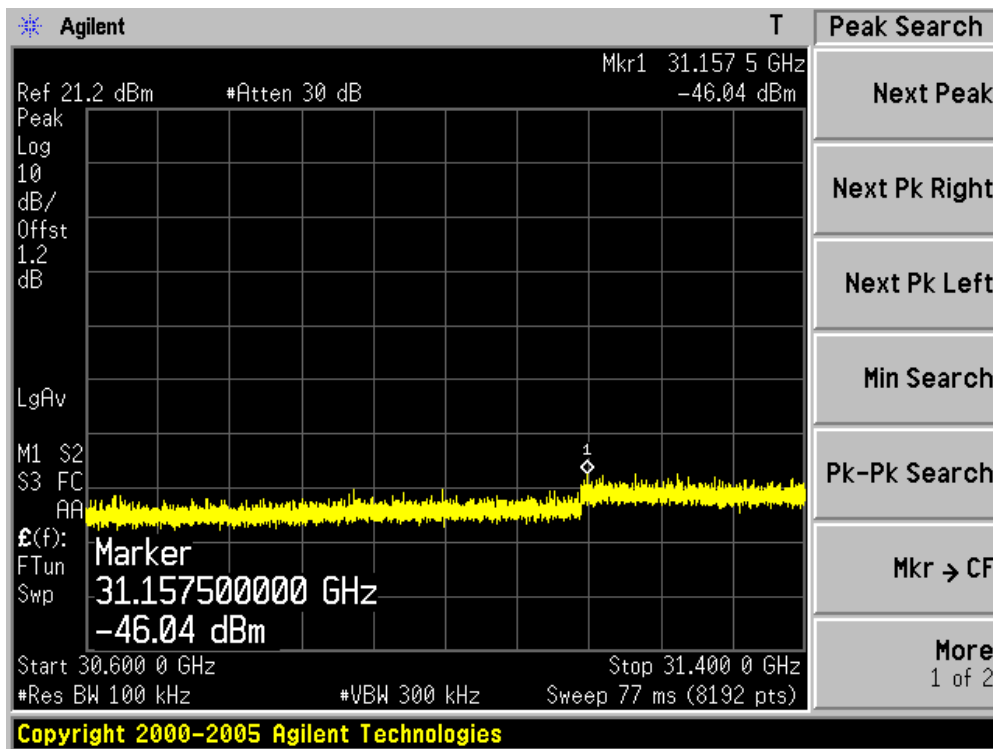
### Channel 157 (5785MHz)-6



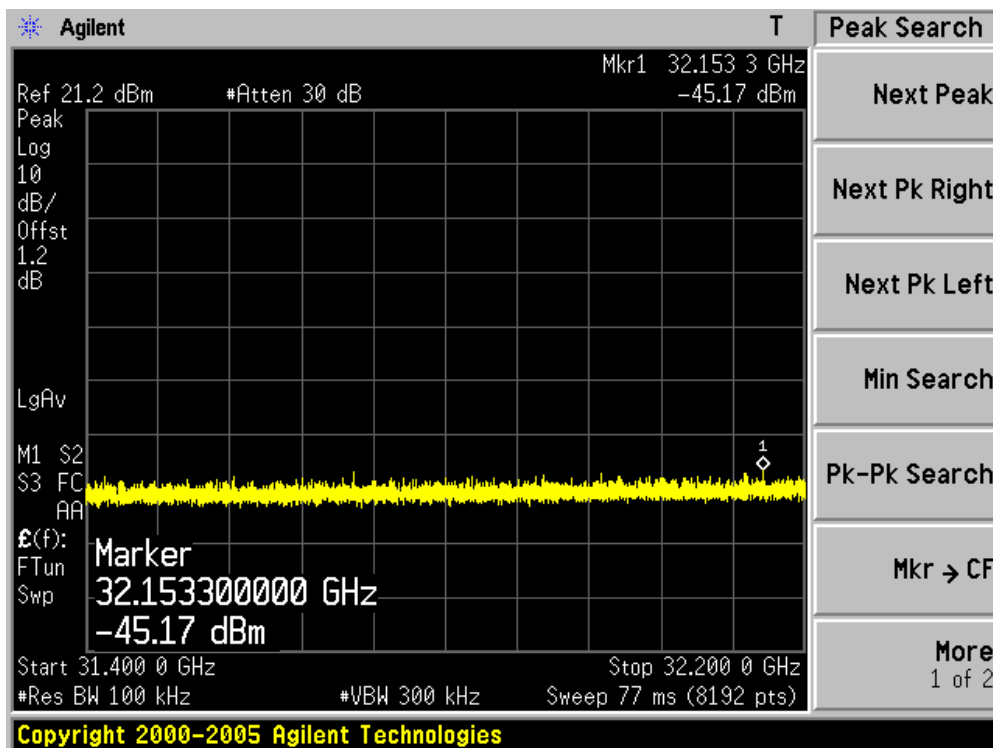
Channel 157 (5785MHz)-7



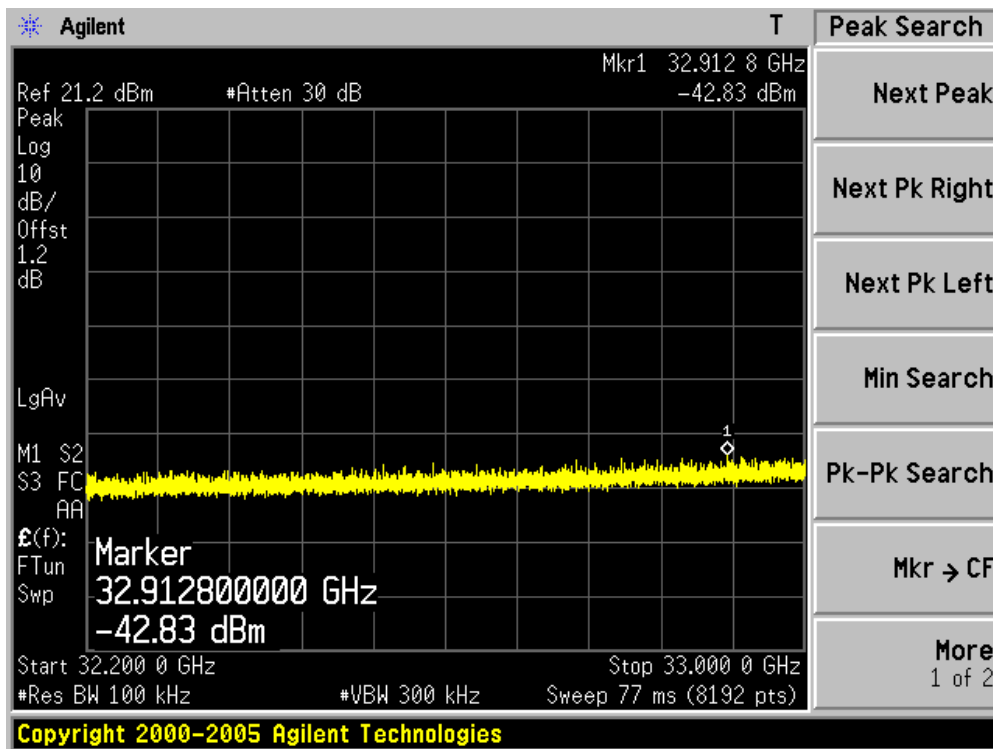
Channel 157 (5785MHz)-8



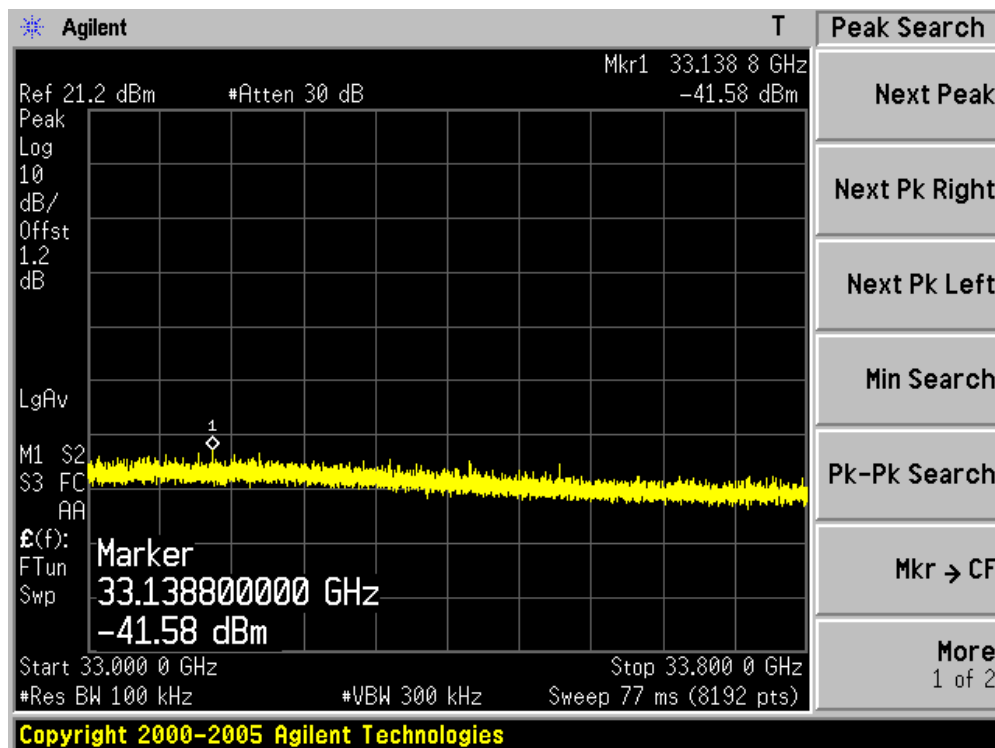
Channel 157 (5785MHz)-9



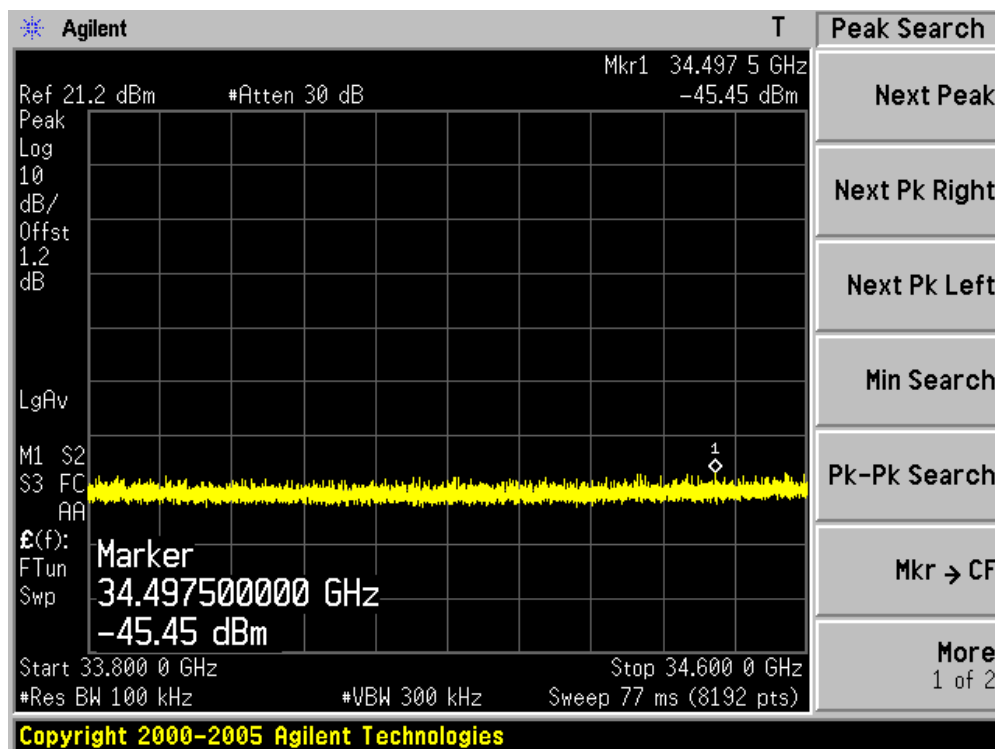
Channel 157 (5785MHz)-10



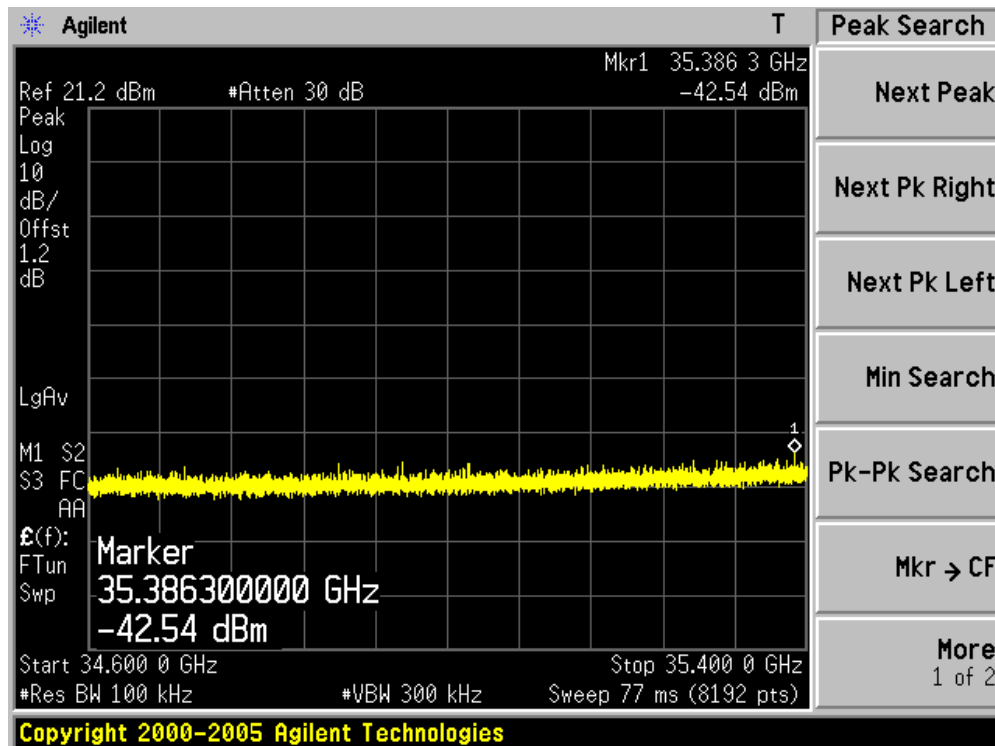
Channel 157 (5785MHz)-11



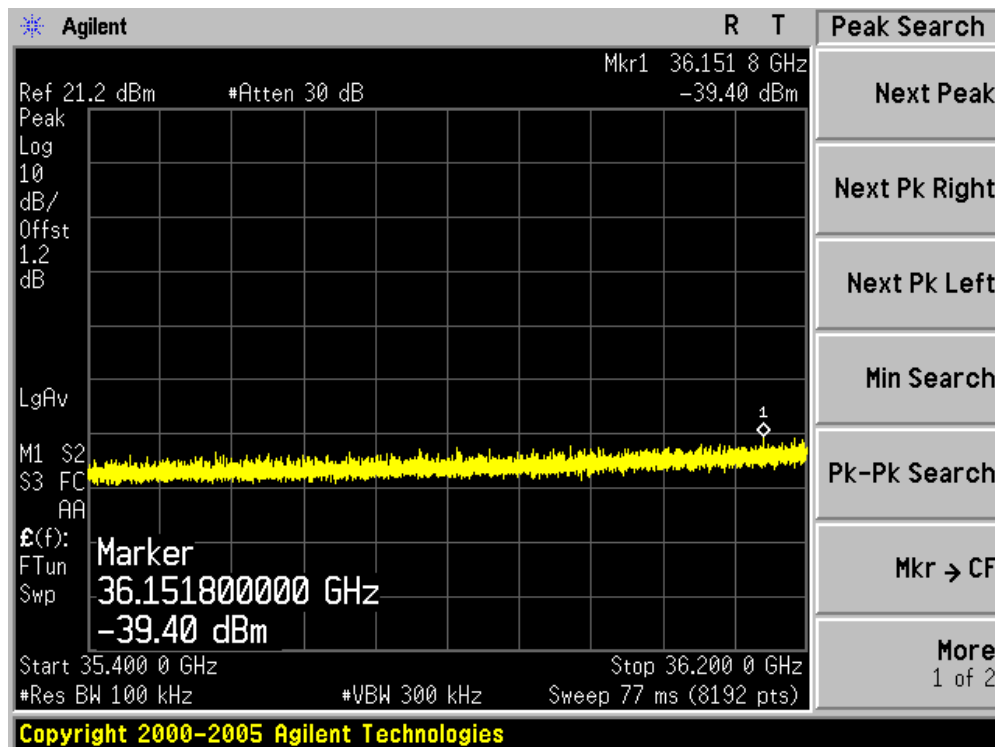
Channel 157 (5785MHz)-12



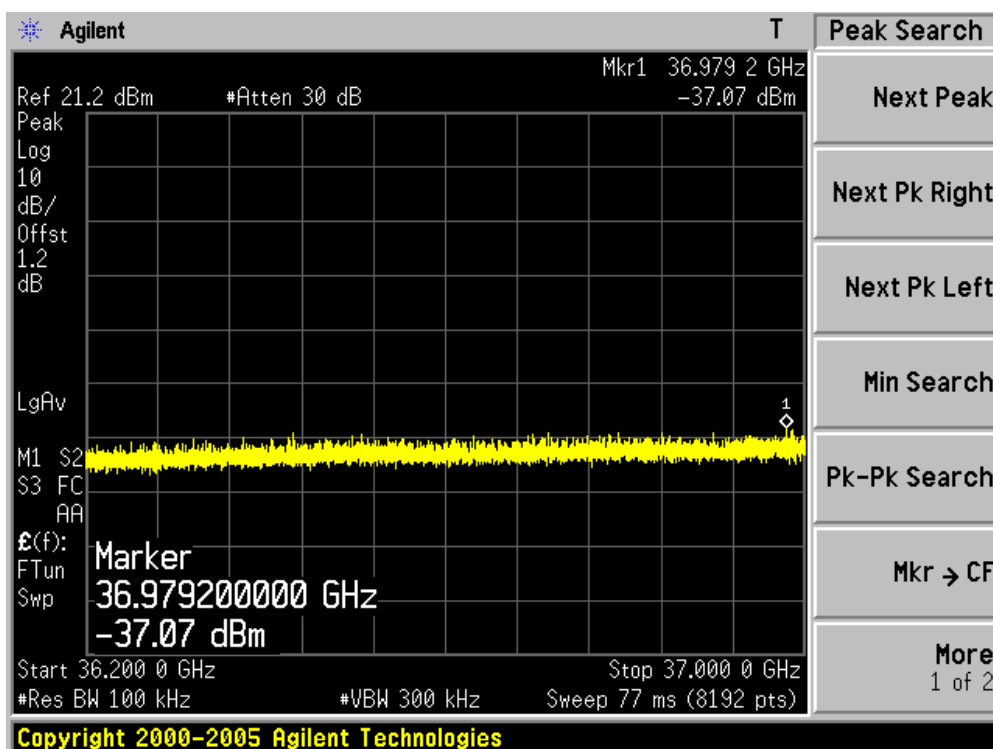
Channel 157 (5785MHz)-13



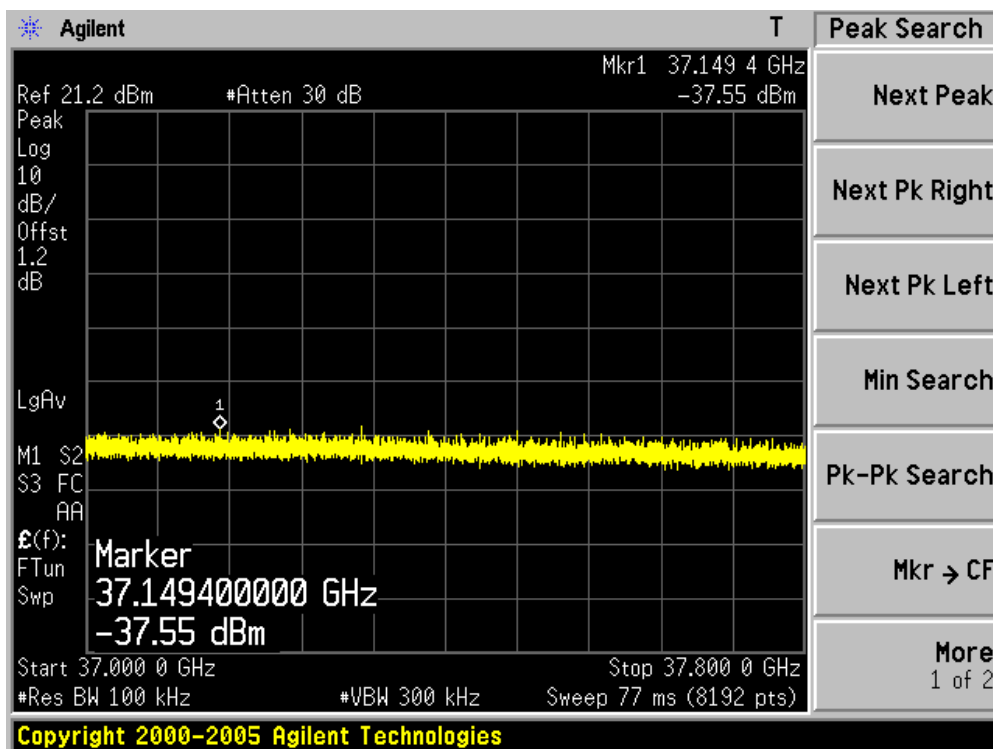
Channel 157 (5785MHz)-14



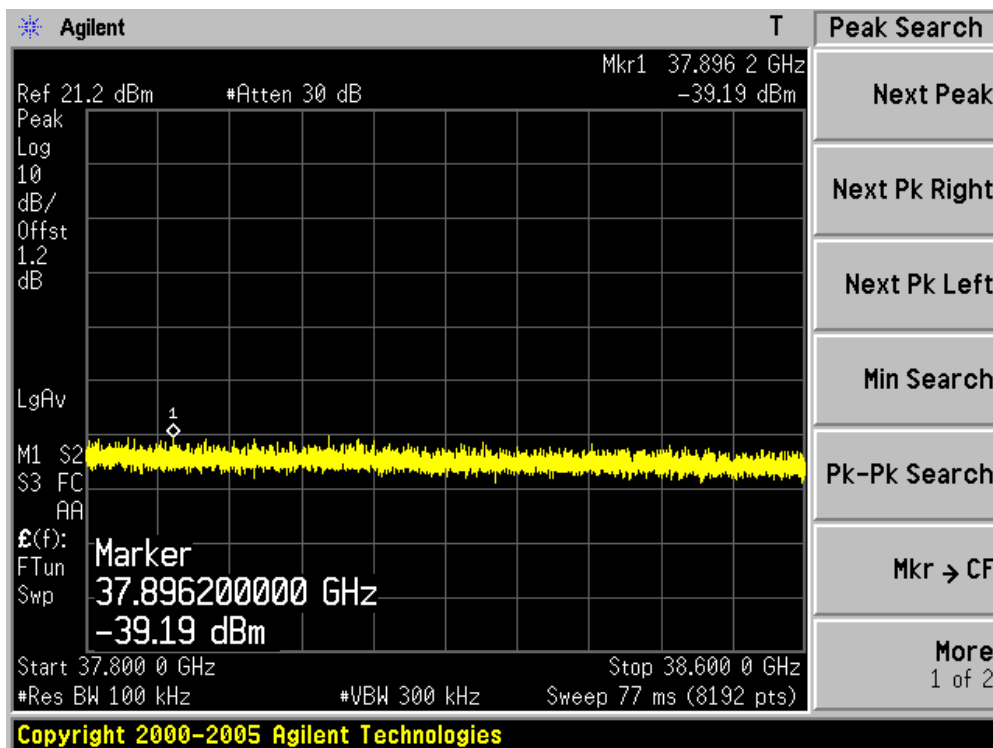
### Channel 157 (5785MHz)-15



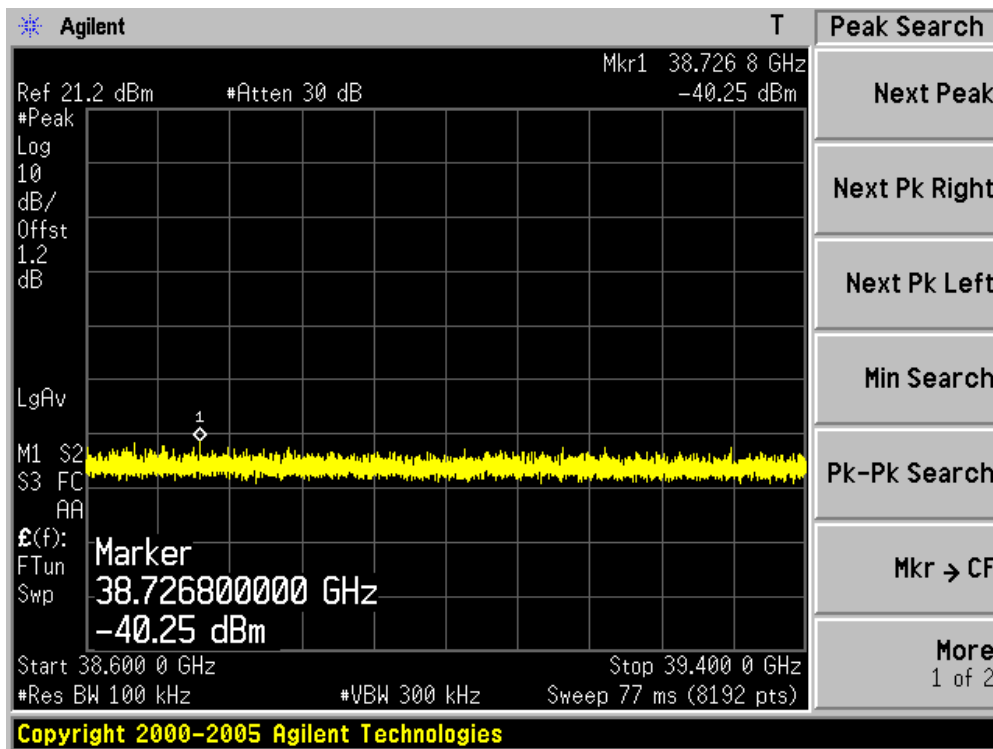
### Channel 157 (5785MHz)-16



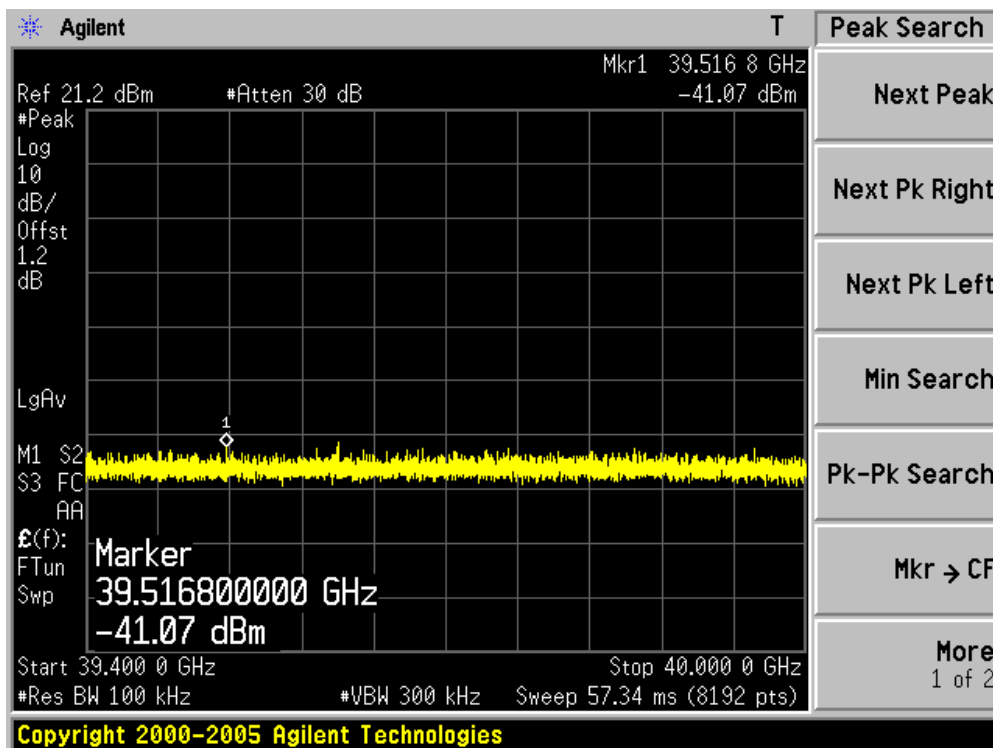
Channel 157 (5785MHz)-17



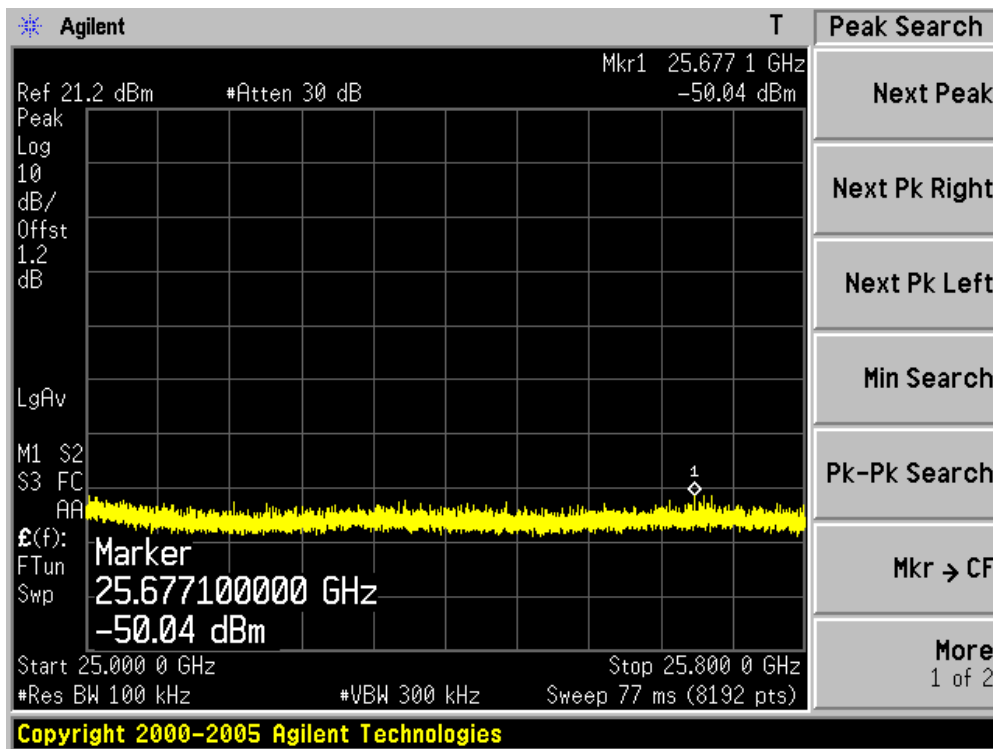
Channel 157 (5785MHz)-18



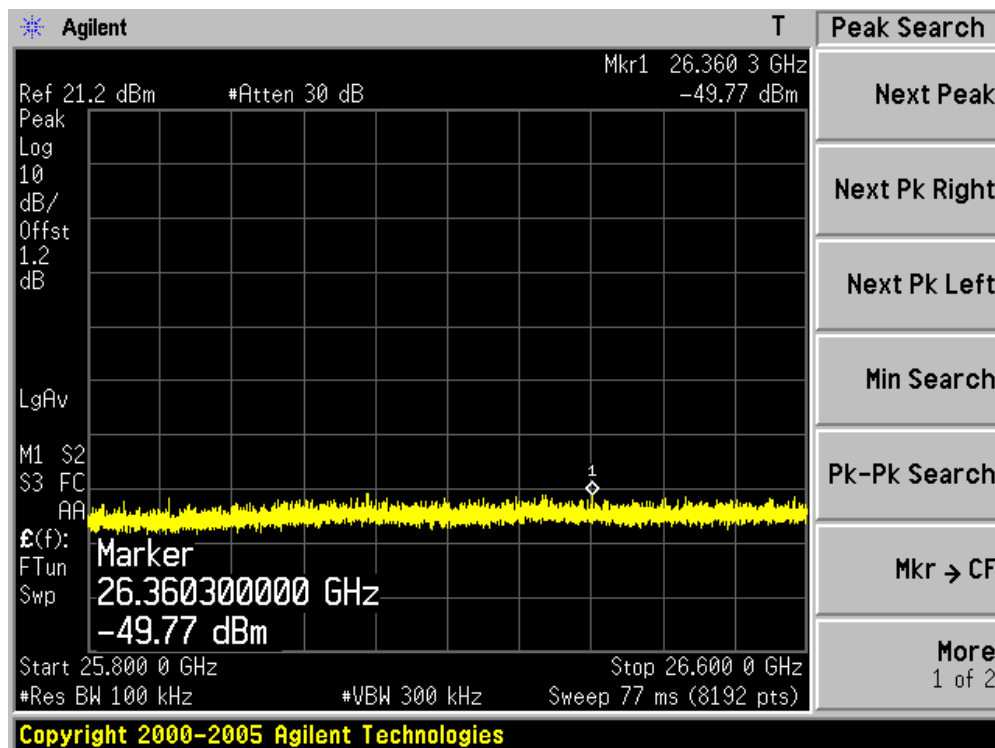
### Channel 157 (5785MHz)-19



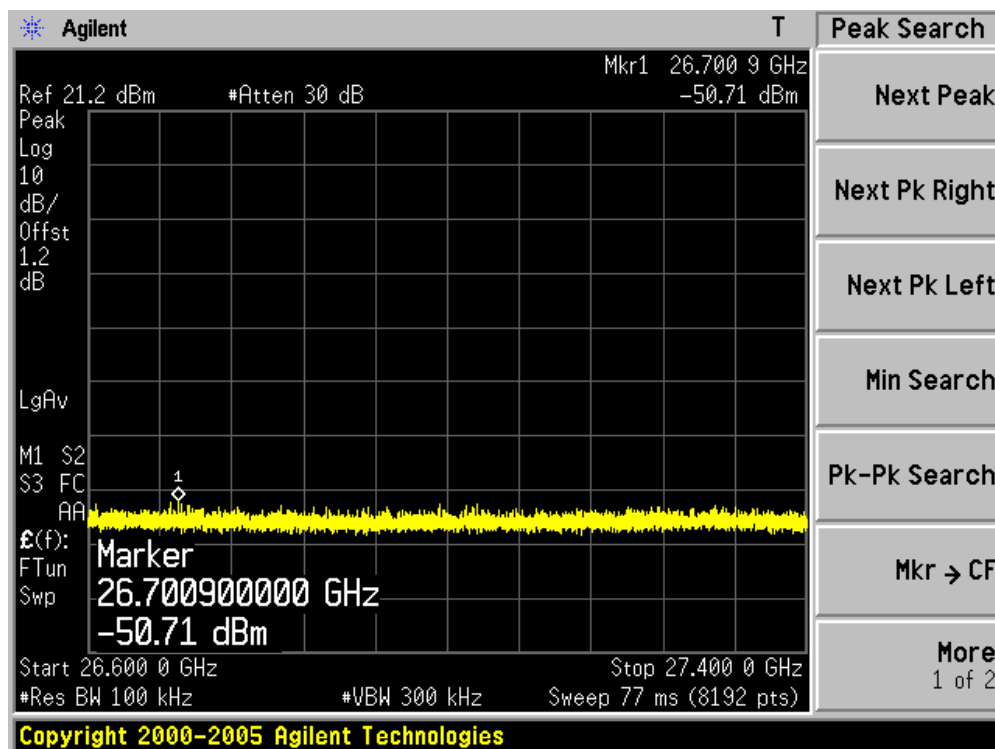
### Channel 165 (5825MHz)-1



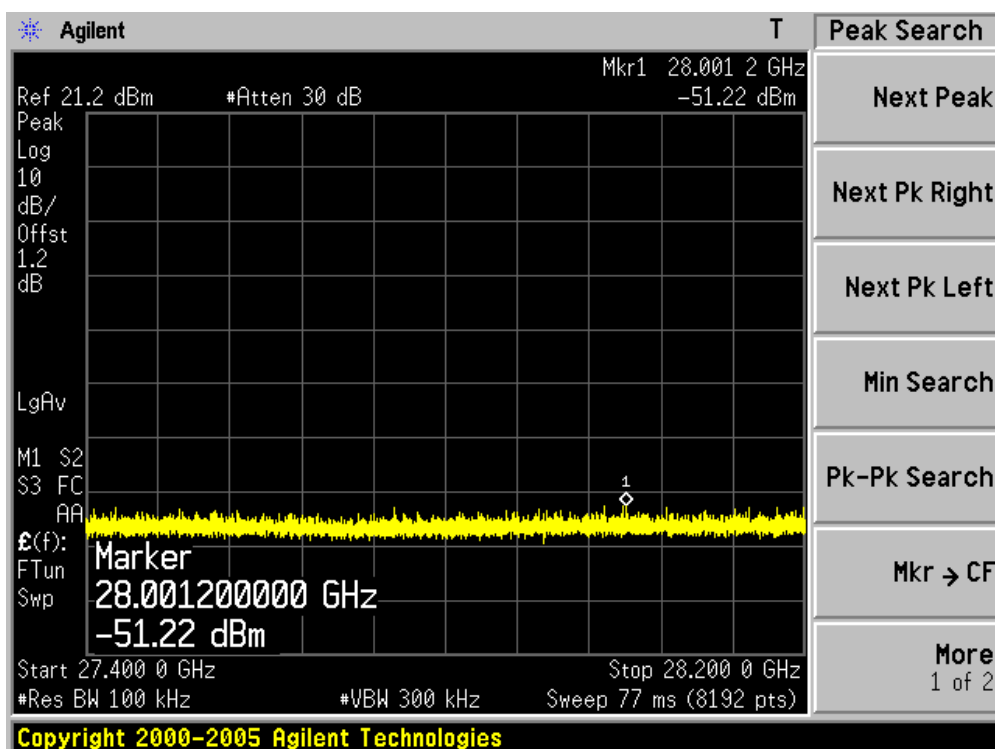
### Channel 165 (5825MHz)-2



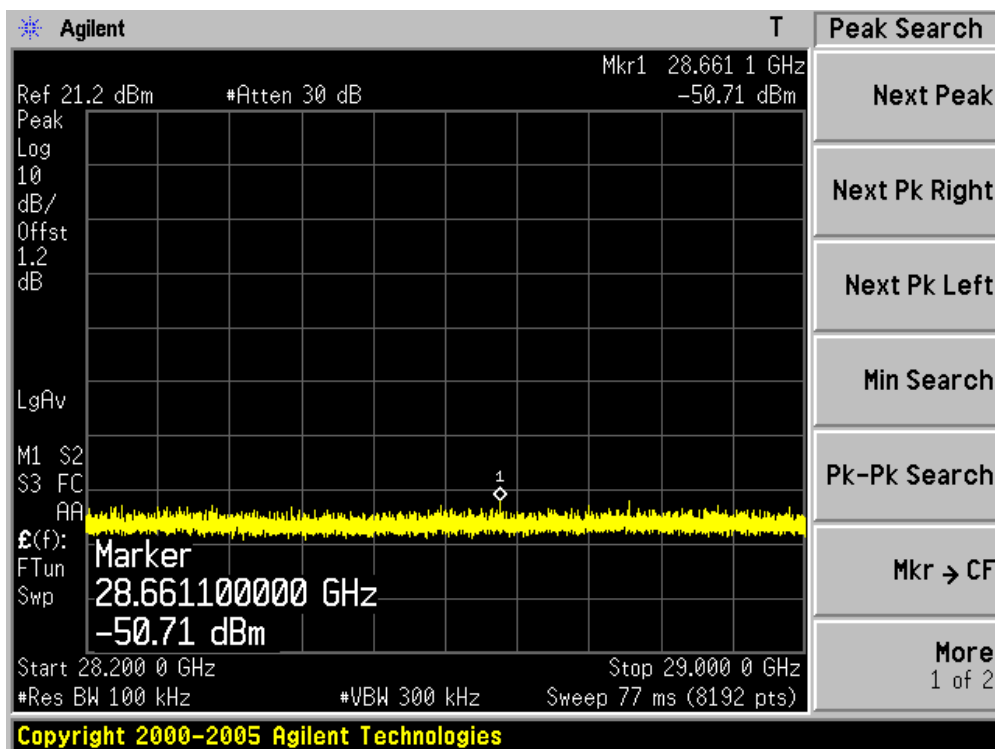
### Channel 165 (5825MHz)-3



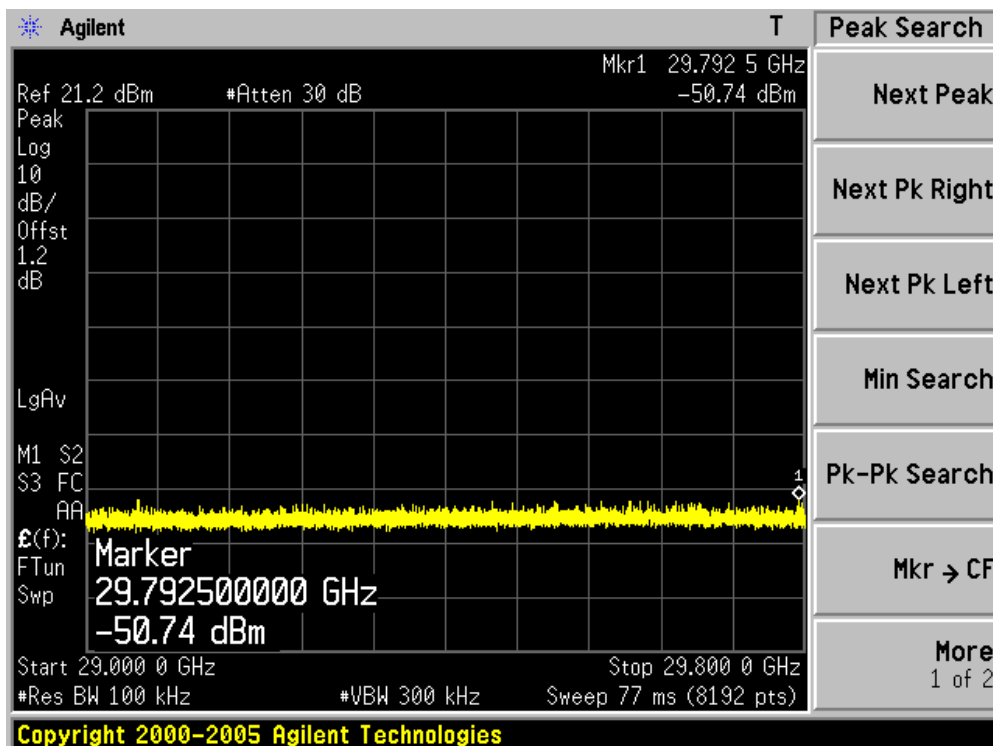
### Channel 165 (5825MHz)-4



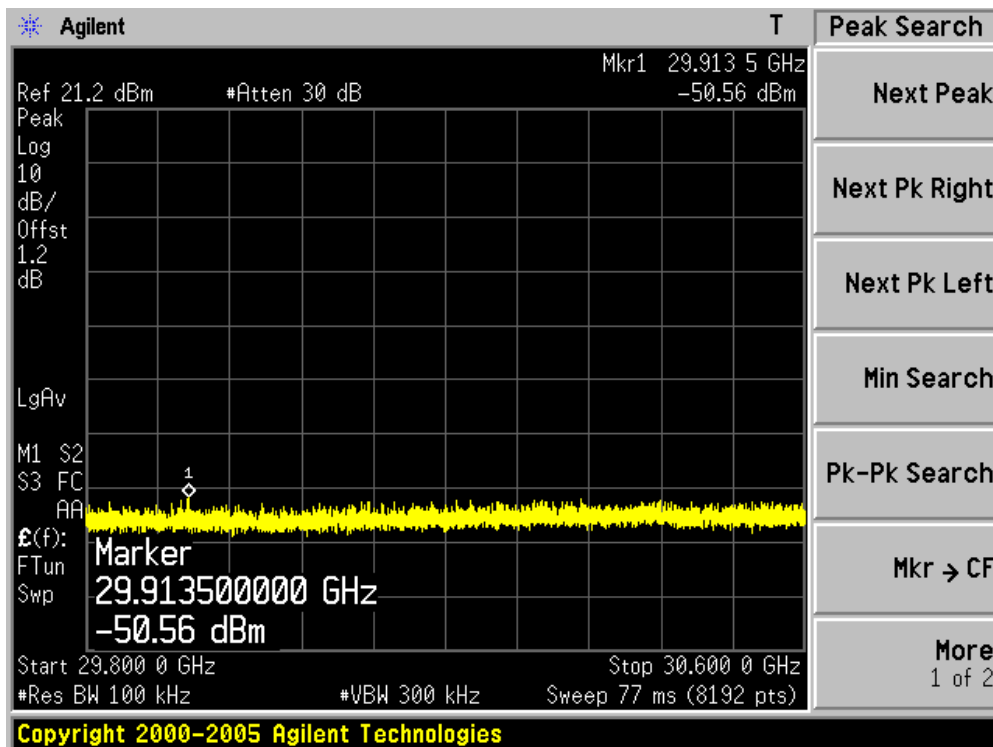
### Channel 165 (5825MHz)-5



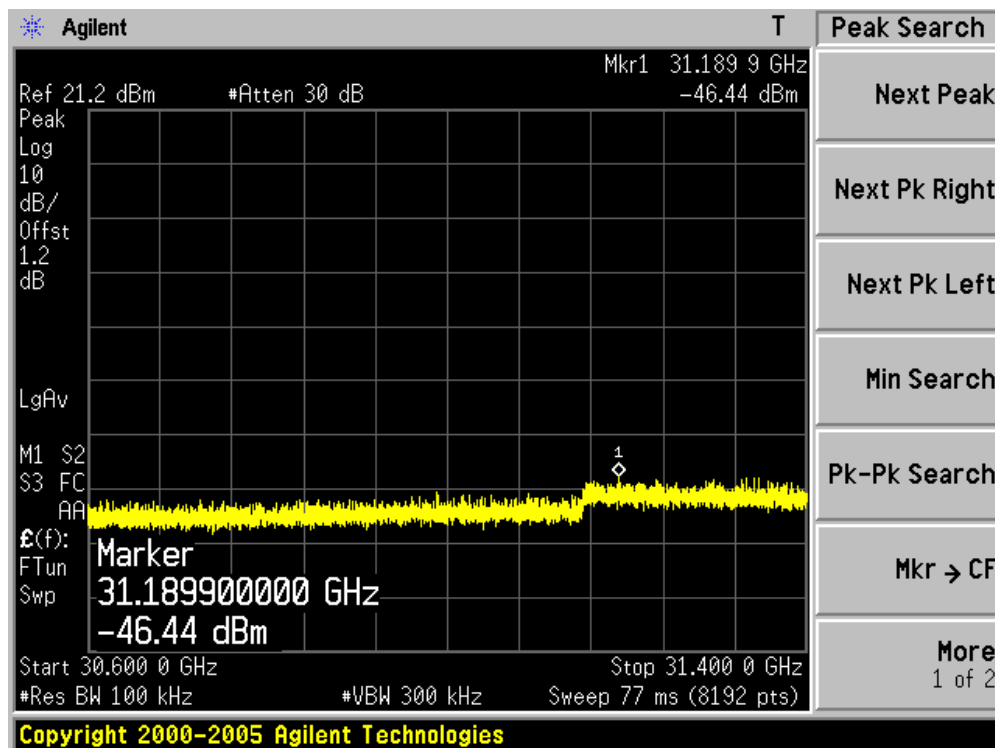
Channel 165 (5825MHz)-6



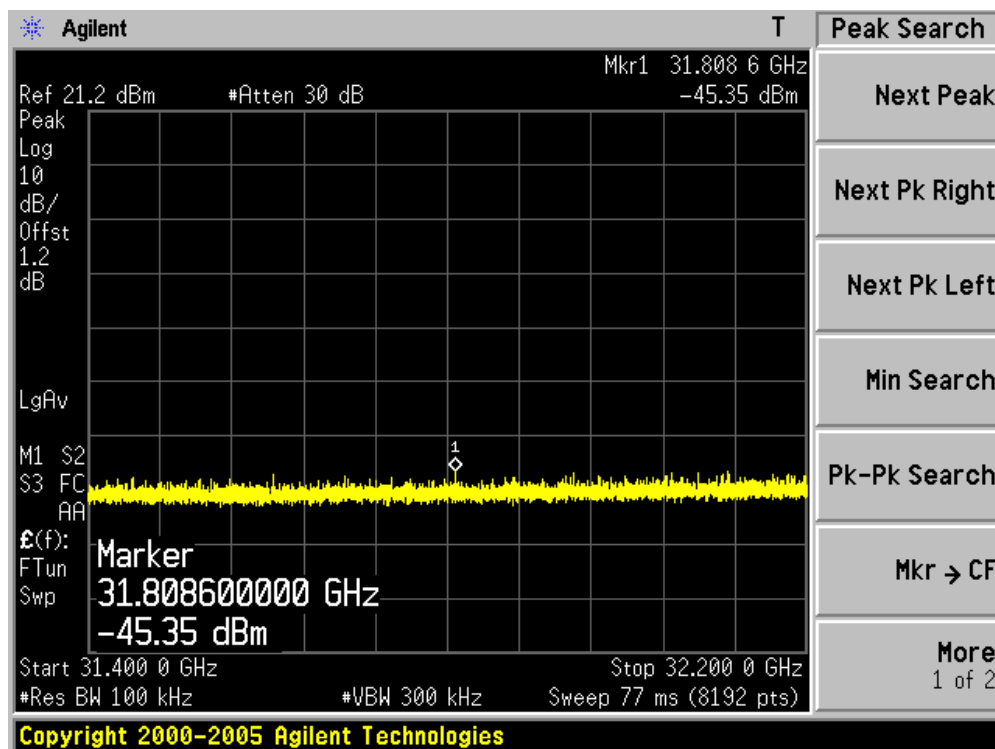
Channel 165 (5825MHz)-7



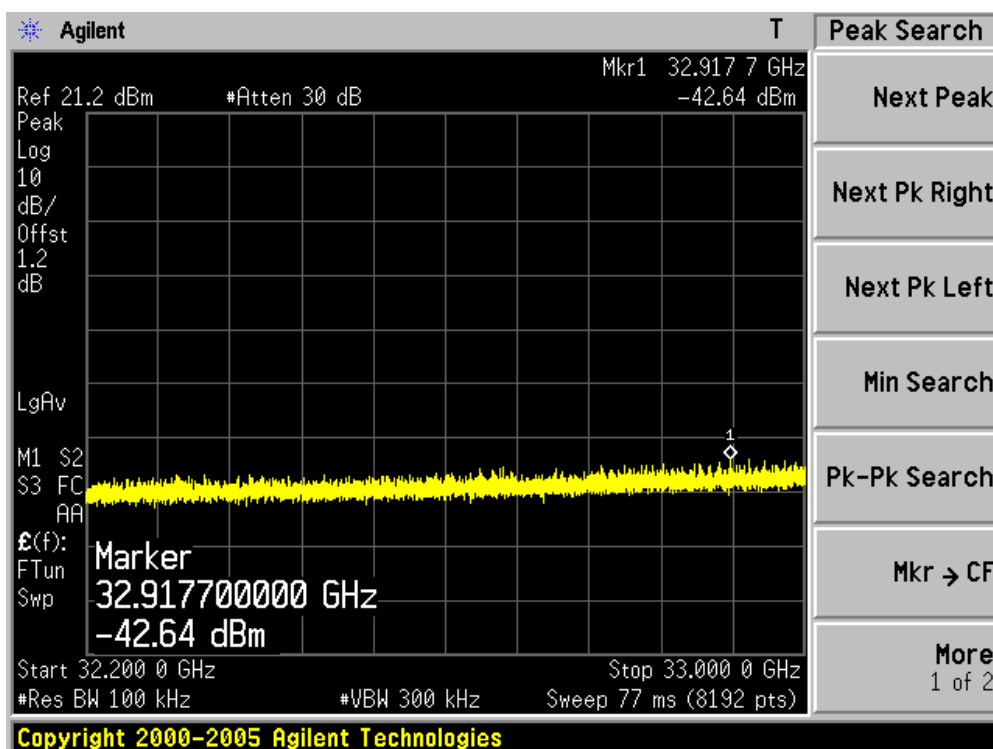
Channel 165 (5825MHz)-8



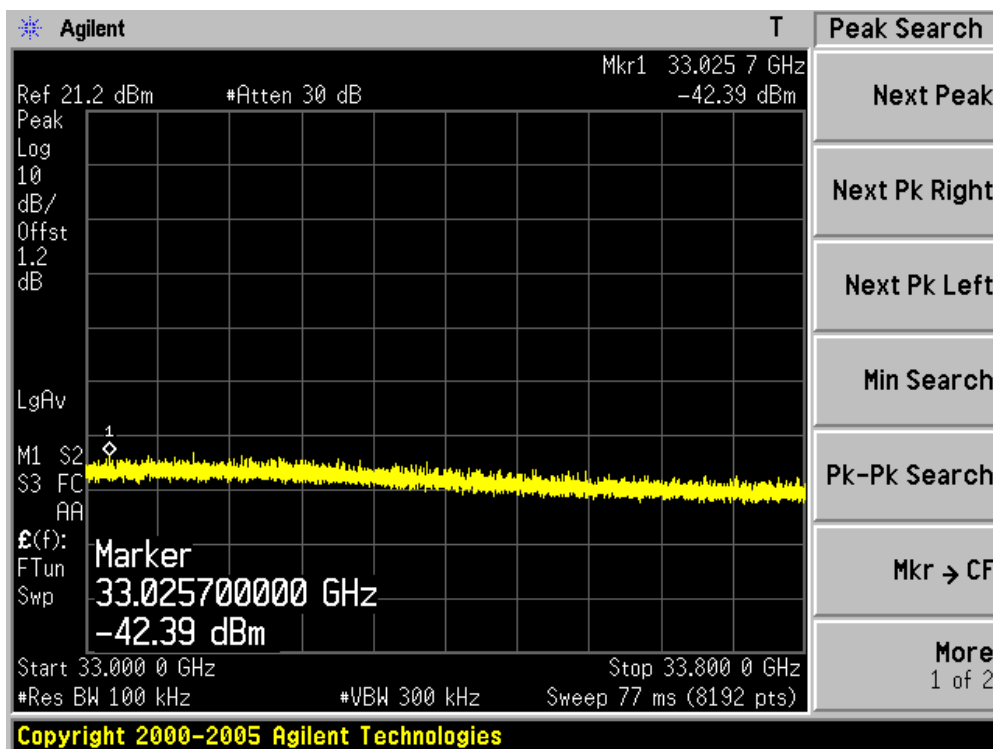
Channel 165 (5825MHz)-9



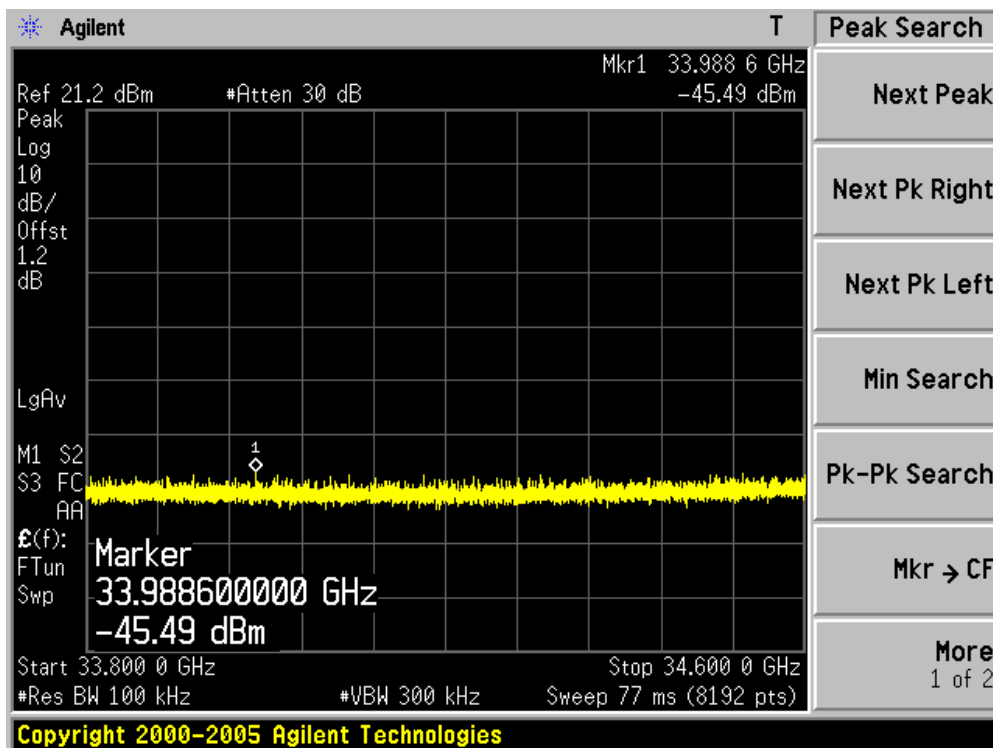
Channel 165 (5825MHz)-10



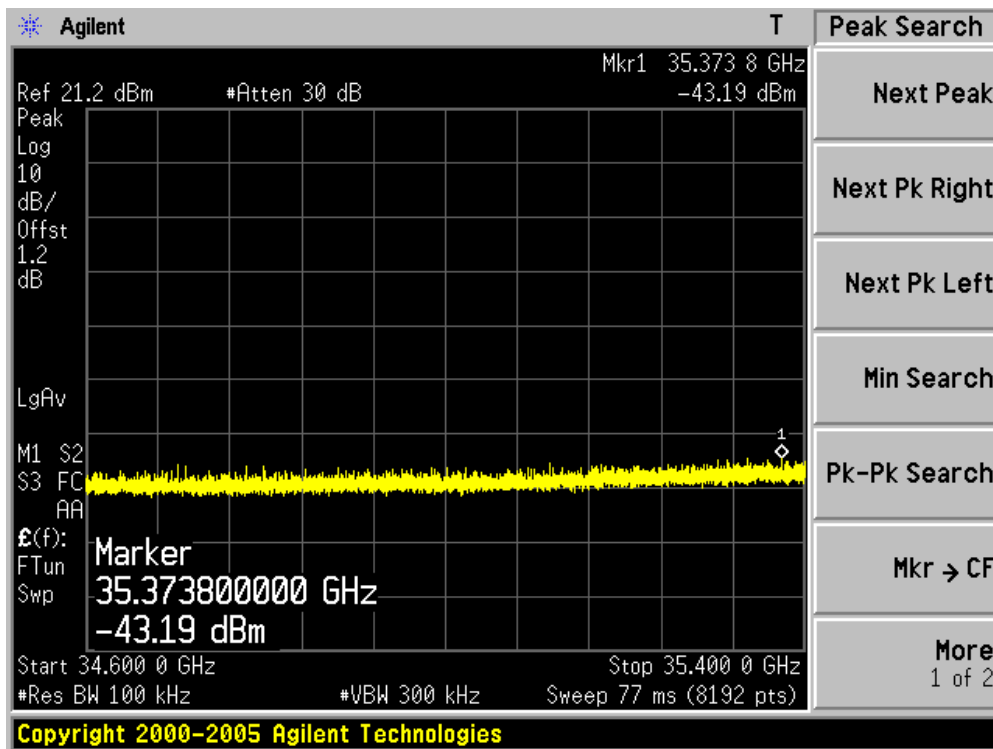
Channel 165 (5825MHz)-11



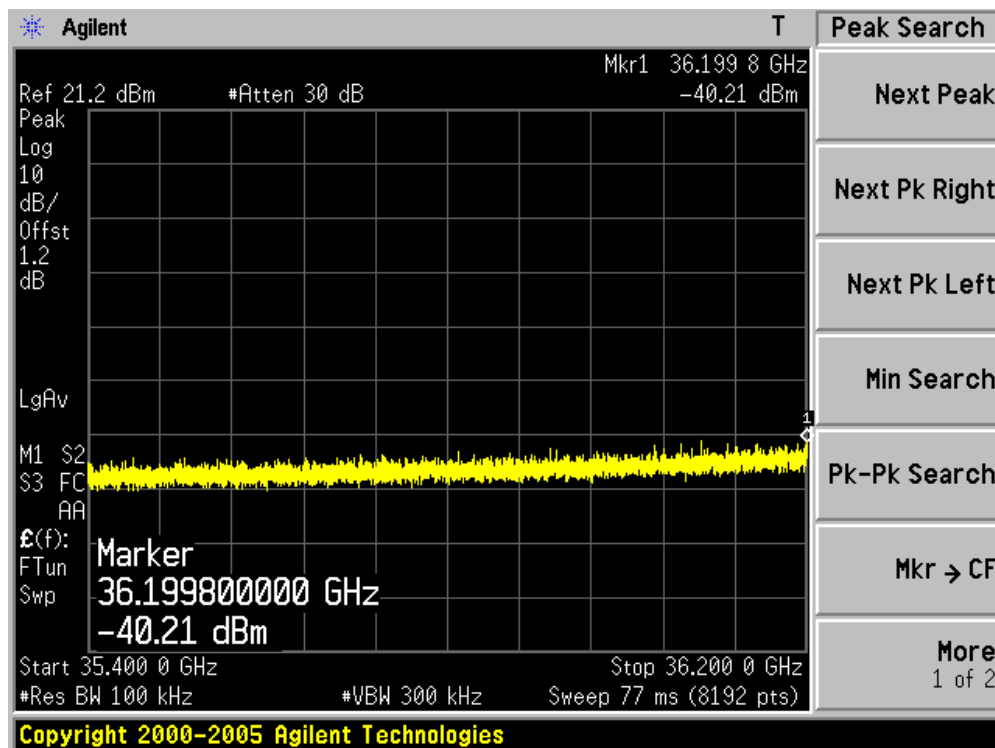
### Channel 165 (5825MHz)-12



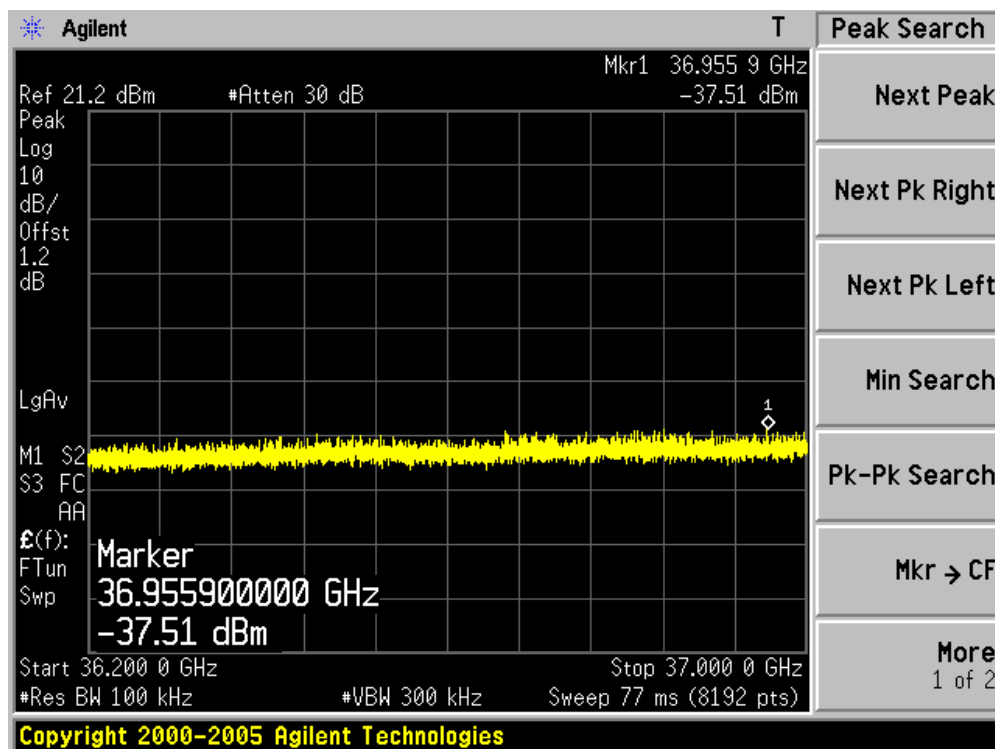
### Channel 165 (5825MHz)-13



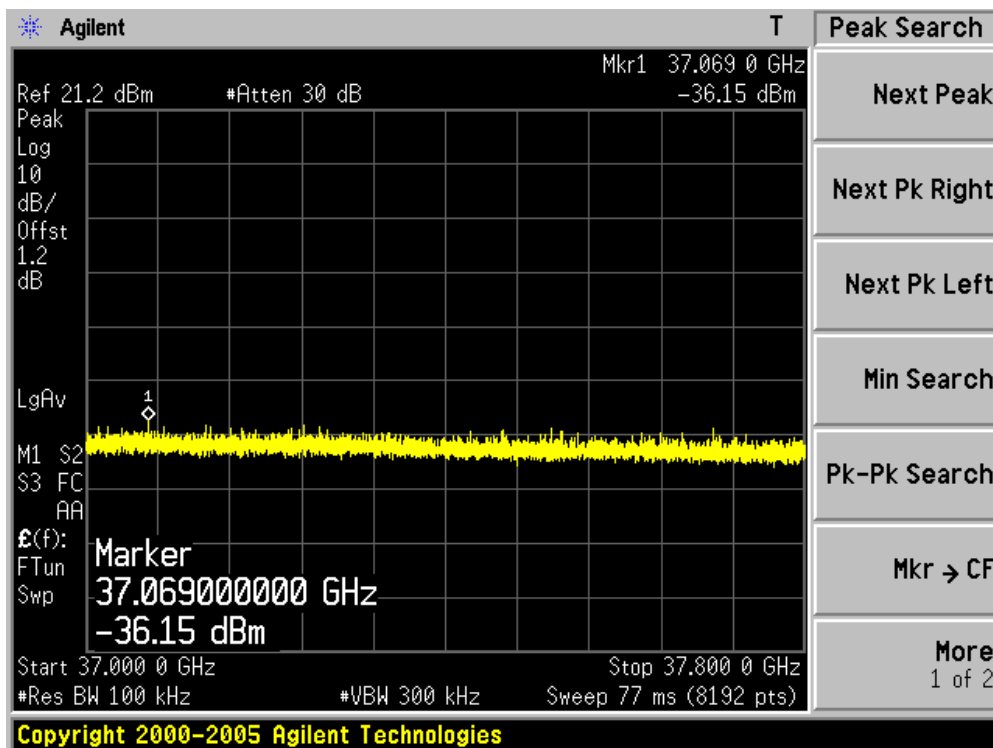
Channel 165 (5825MHz)-14



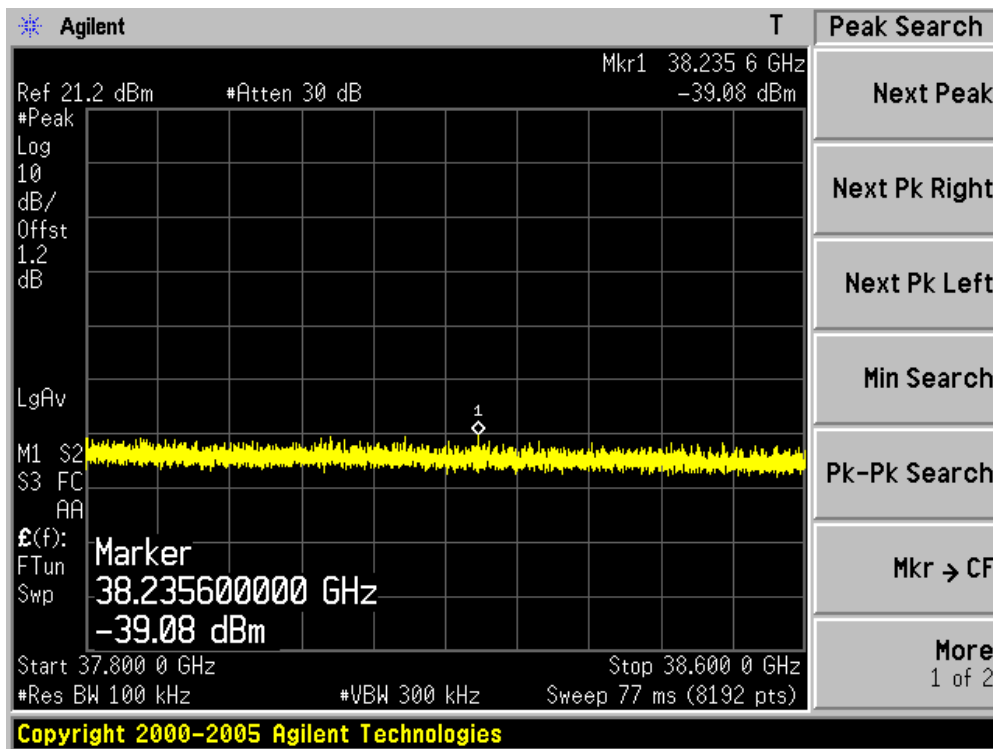
Channel 165 (5825MHz)-15



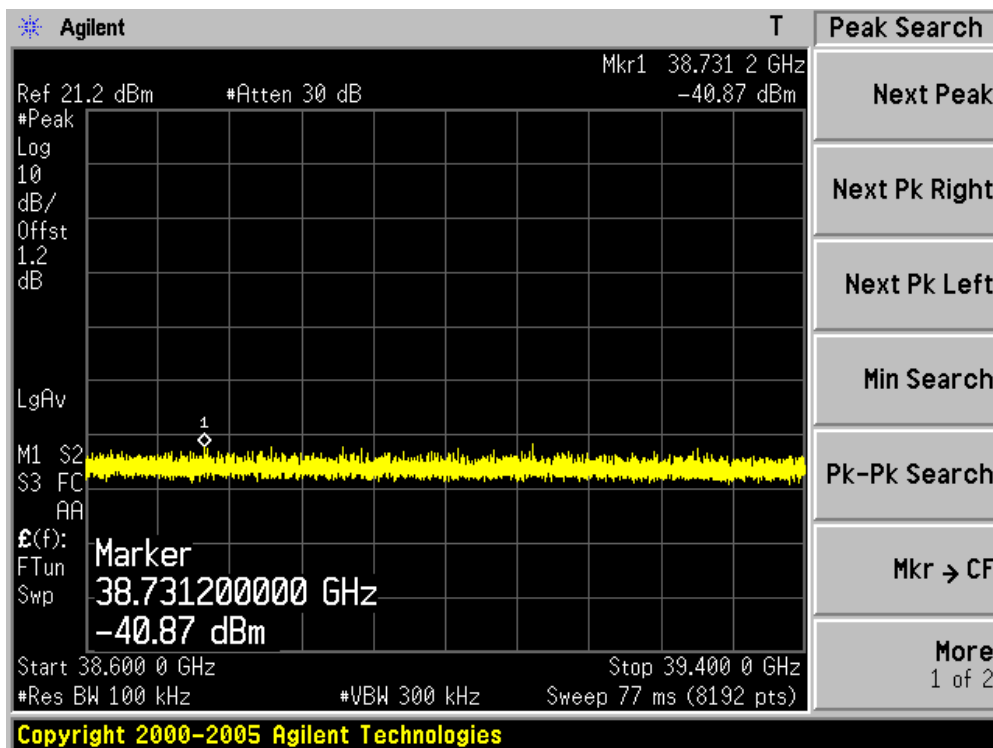
Channel 165 (5825MHz)-16



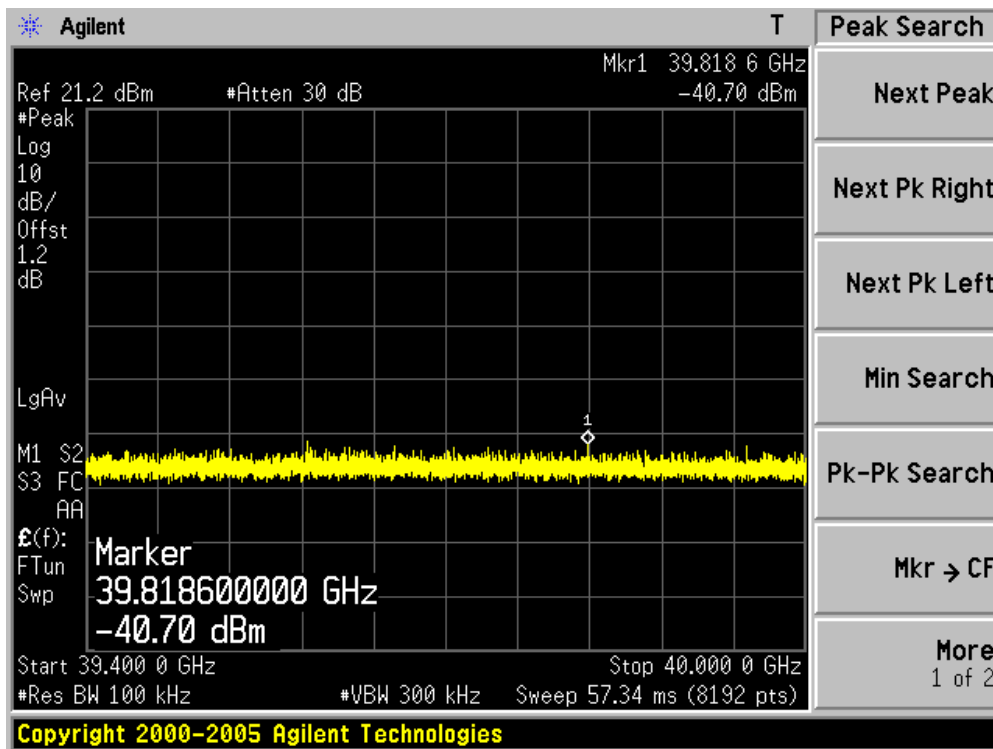
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

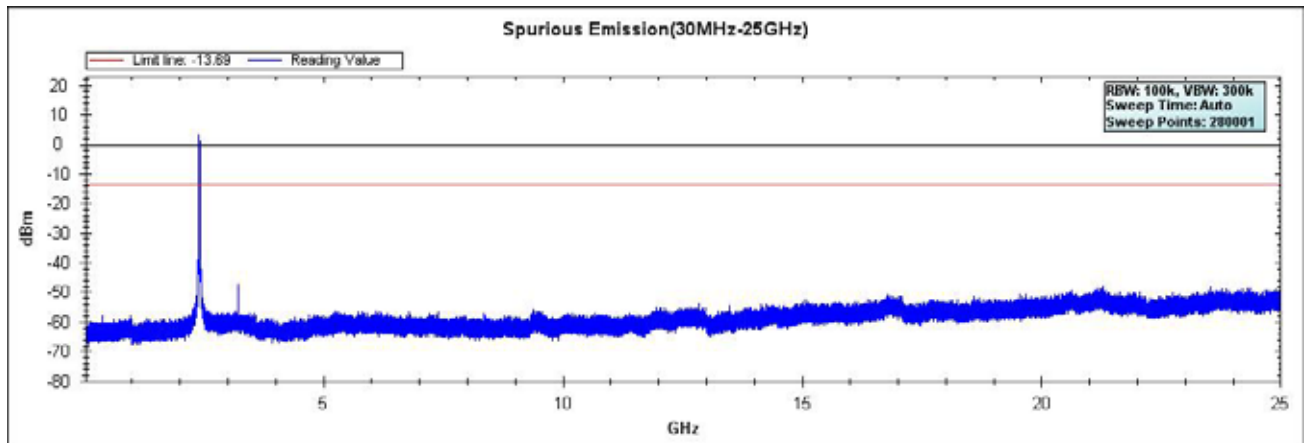


Channel 165 (5825MHz)-19

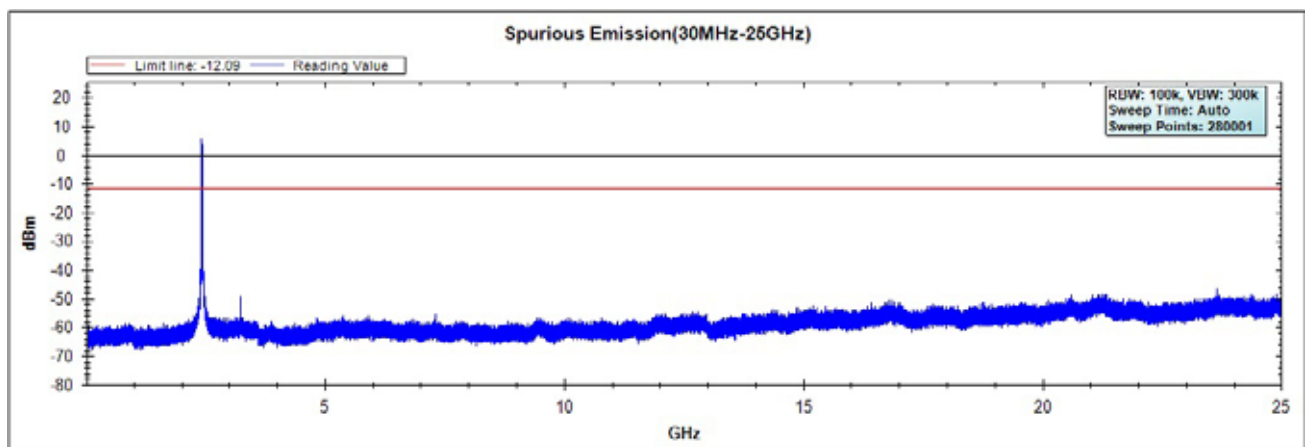


|           |   |                                            |
|-----------|---|--------------------------------------------|
| Product   | : | Mi Wi-Fi                                   |
| Test Item | : | RF Antenna Conducted Spurious              |
| Test Site | : | TR-8                                       |
| Test Mode | : | Mode 4: Transmit by 802.11n(20MHz) (Ant 2) |

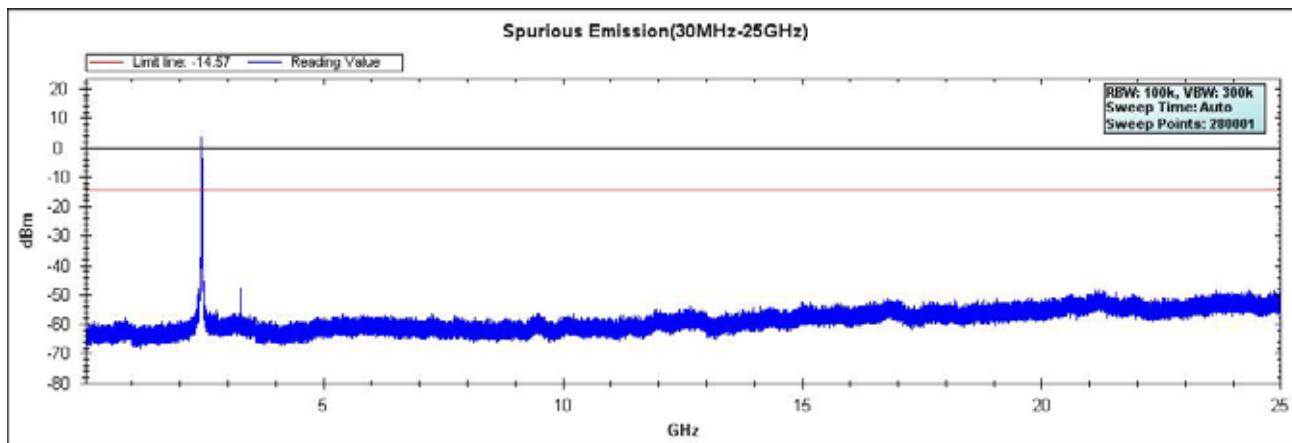
### Channel 01 (2412MHz)



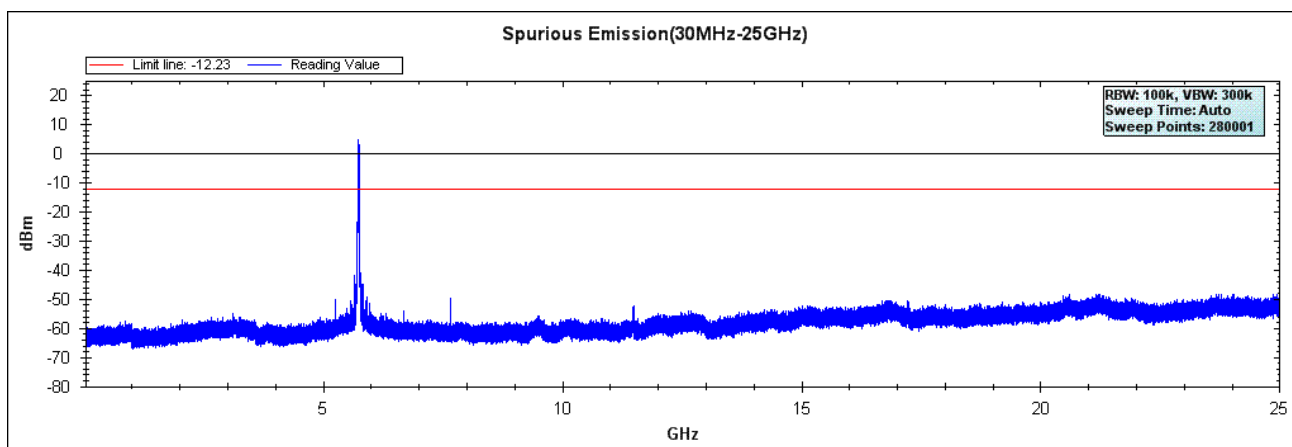
### Channel 09 (2437MHz)



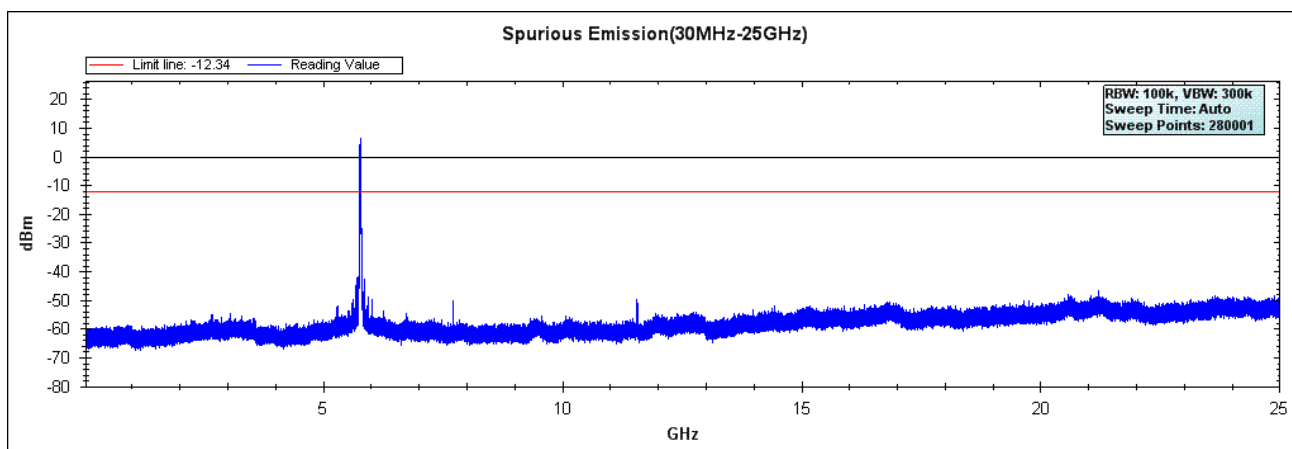
### Channel 11 (2462MHz)



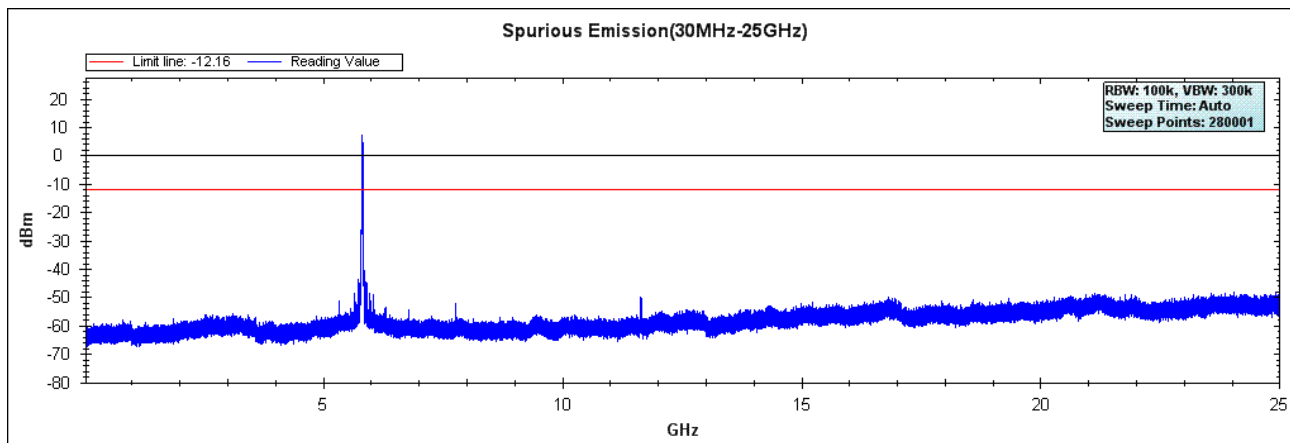
### Channel 149 (5745MHz)



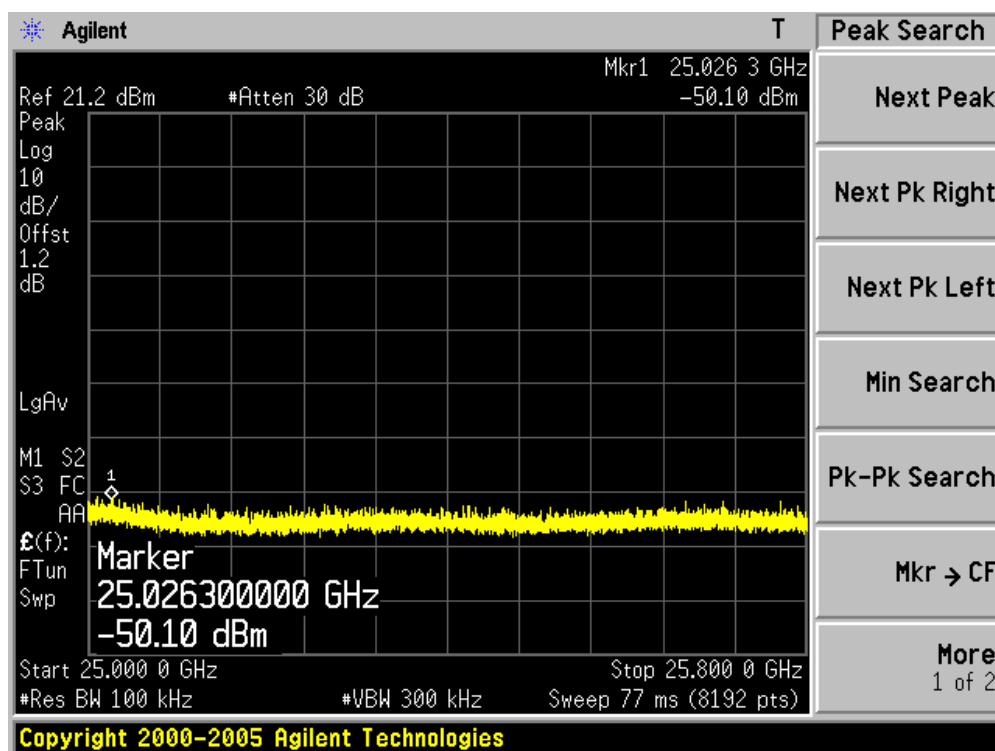
### Channel 157 (5785MHz)



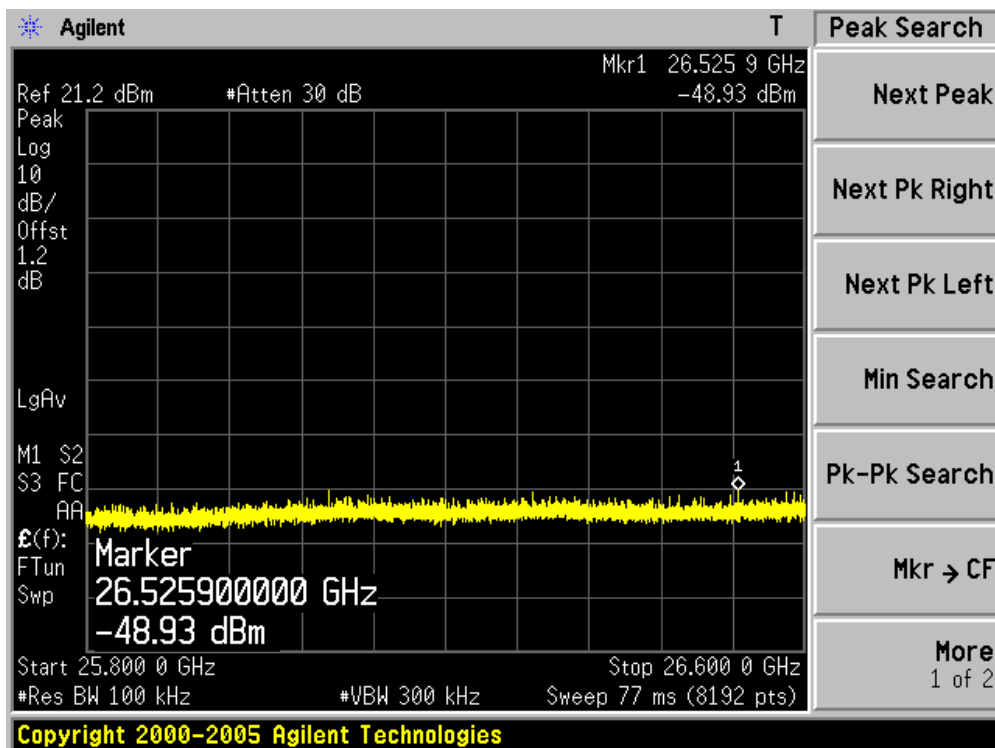
### Channel 165 (5825MHz)



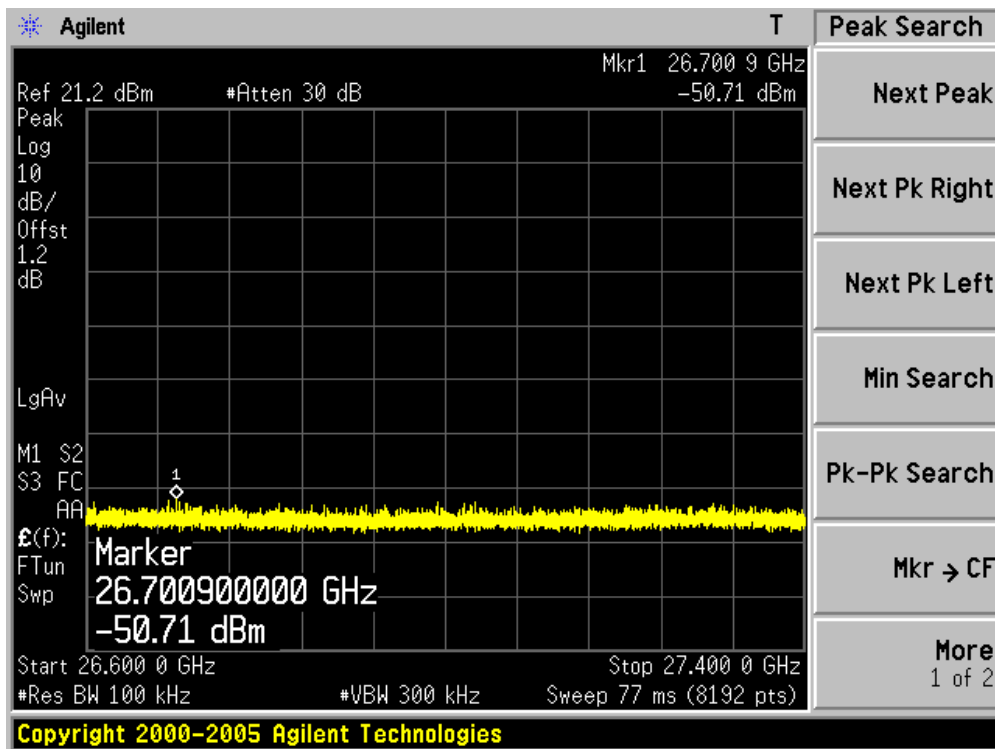
### Channel 149 (5745MHz)-1



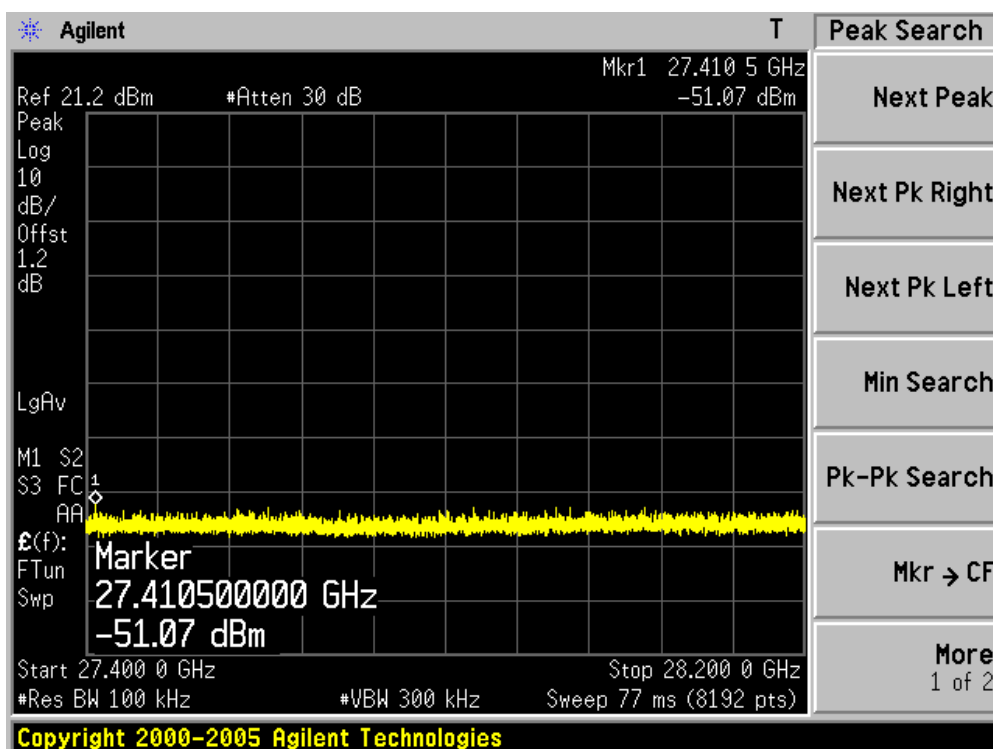
### Channel 149 (5745MHz)-2



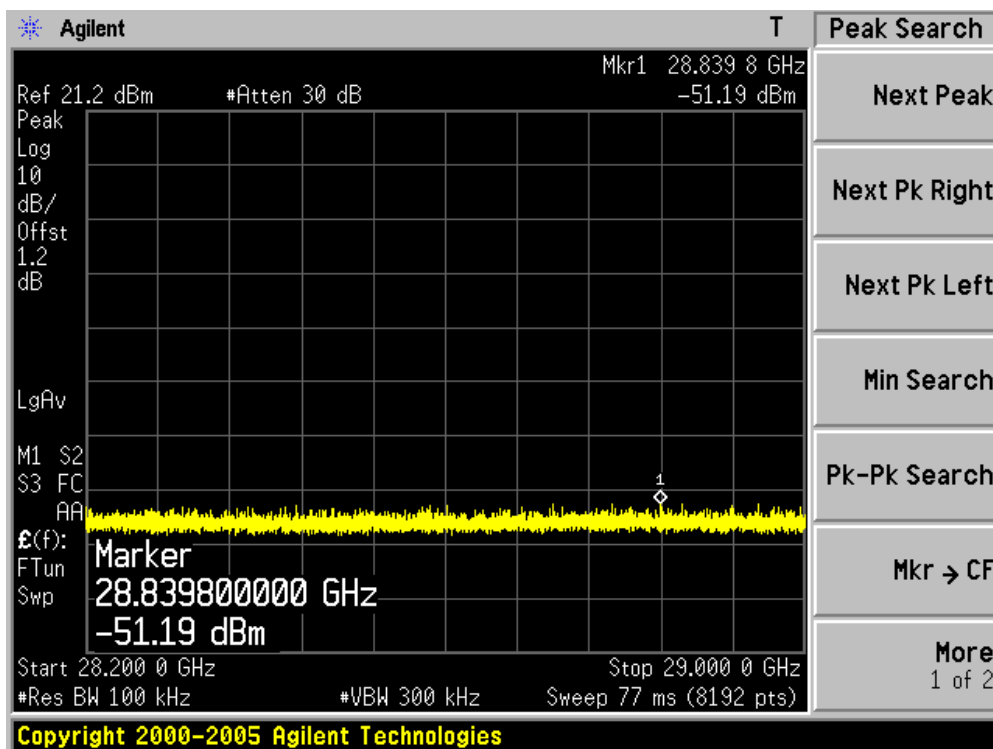
### Channel 149 (5745MHz)-3



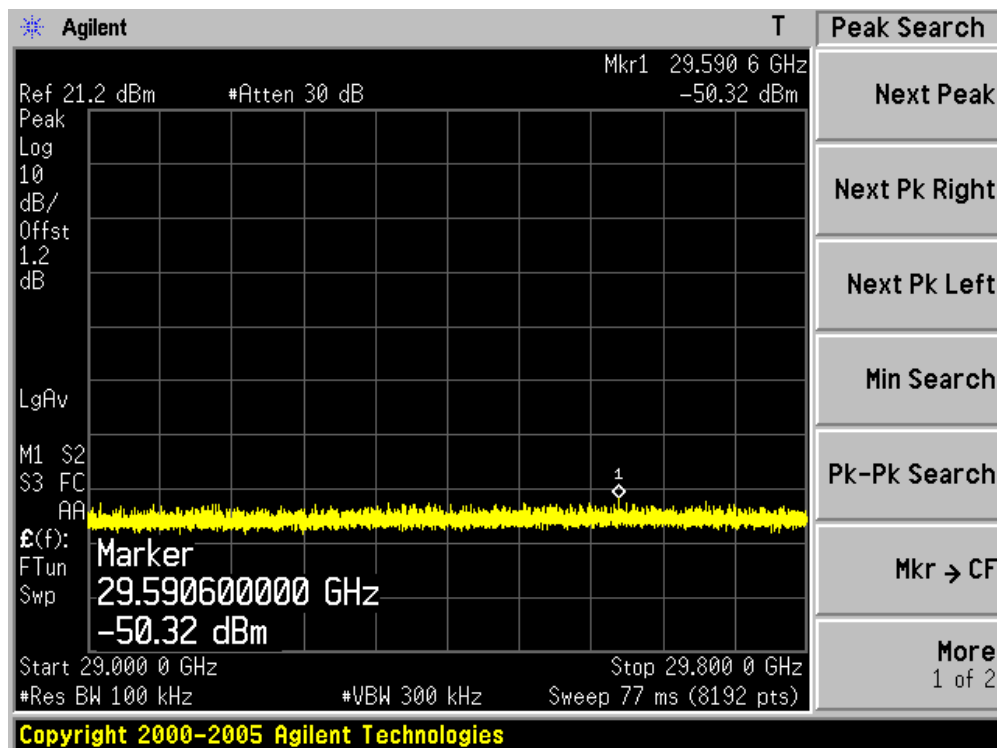
### Channel 149 (5745MHz)-4



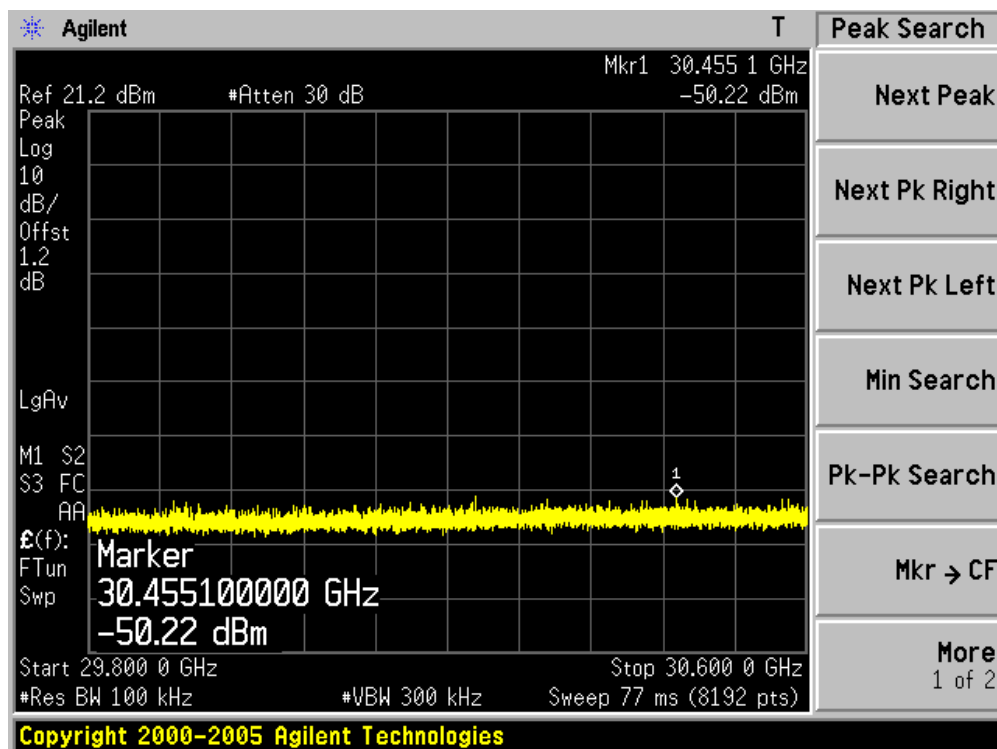
### Channel 149 (5745MHz)-5



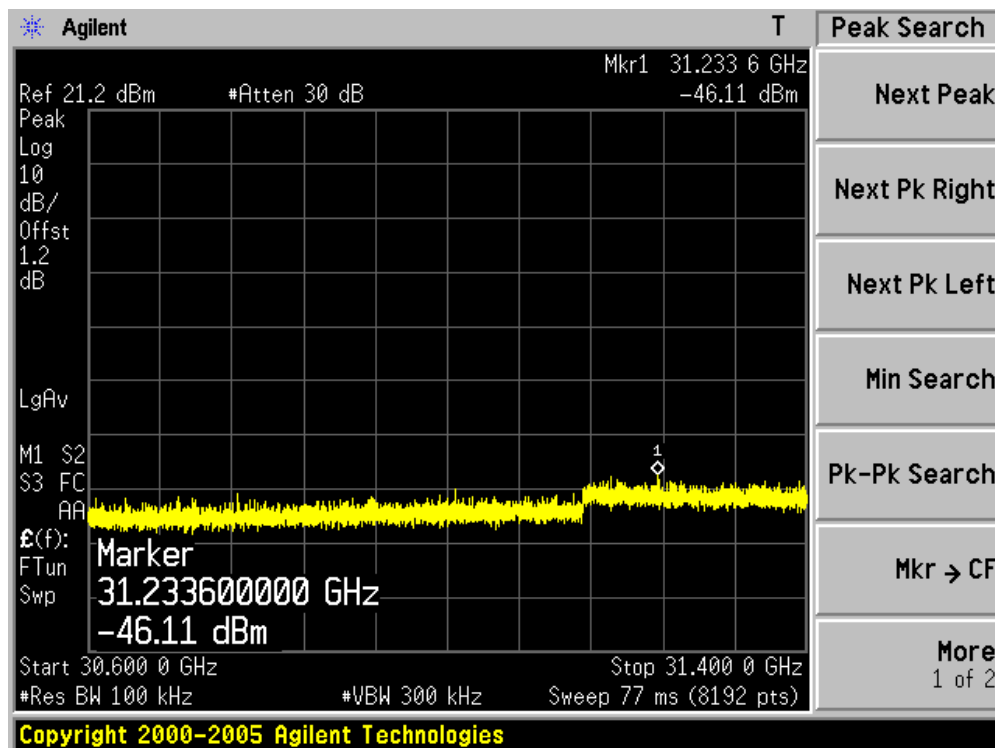
### Channel 149 (5745MHz)-6



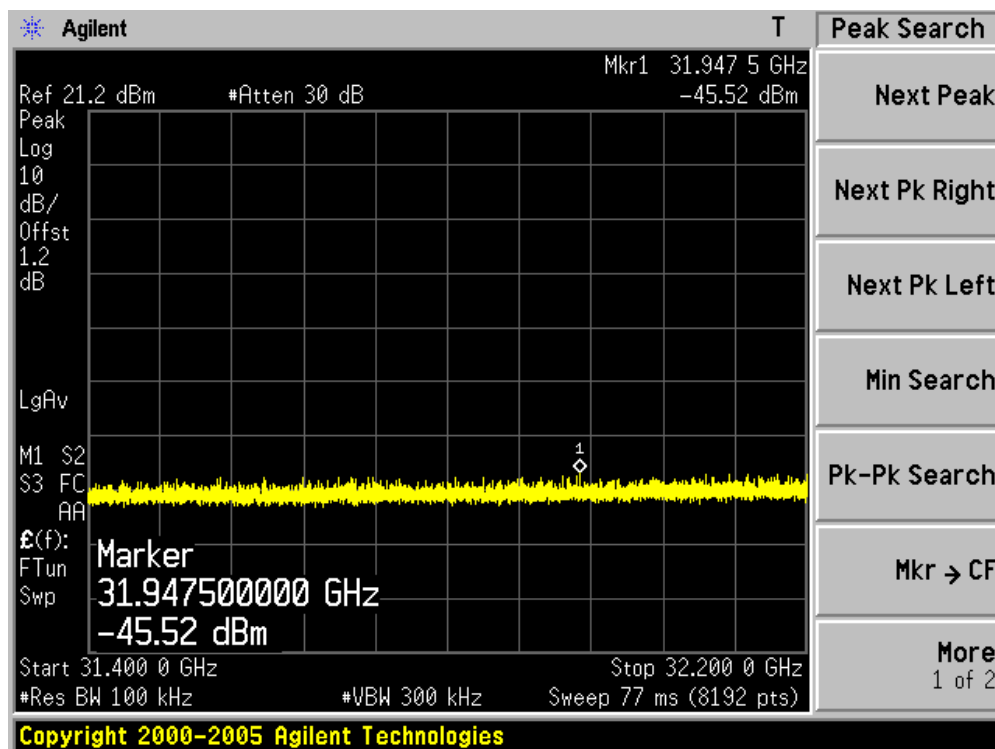
### Channel 149 (5745MHz)-7



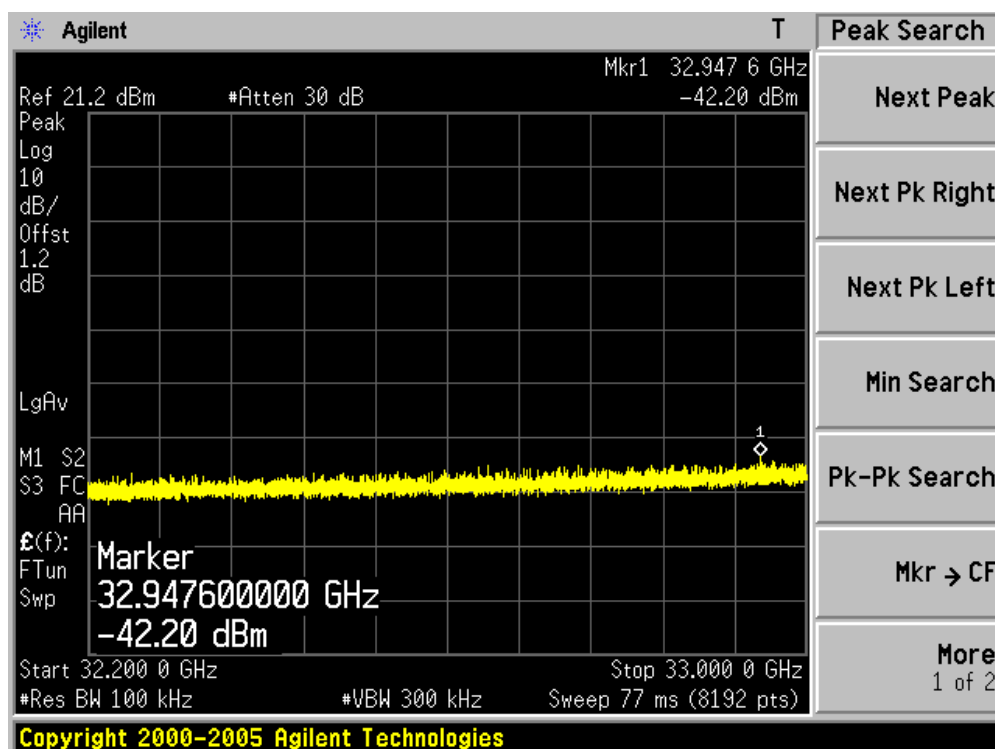
Channel 149 (5745MHz)-8



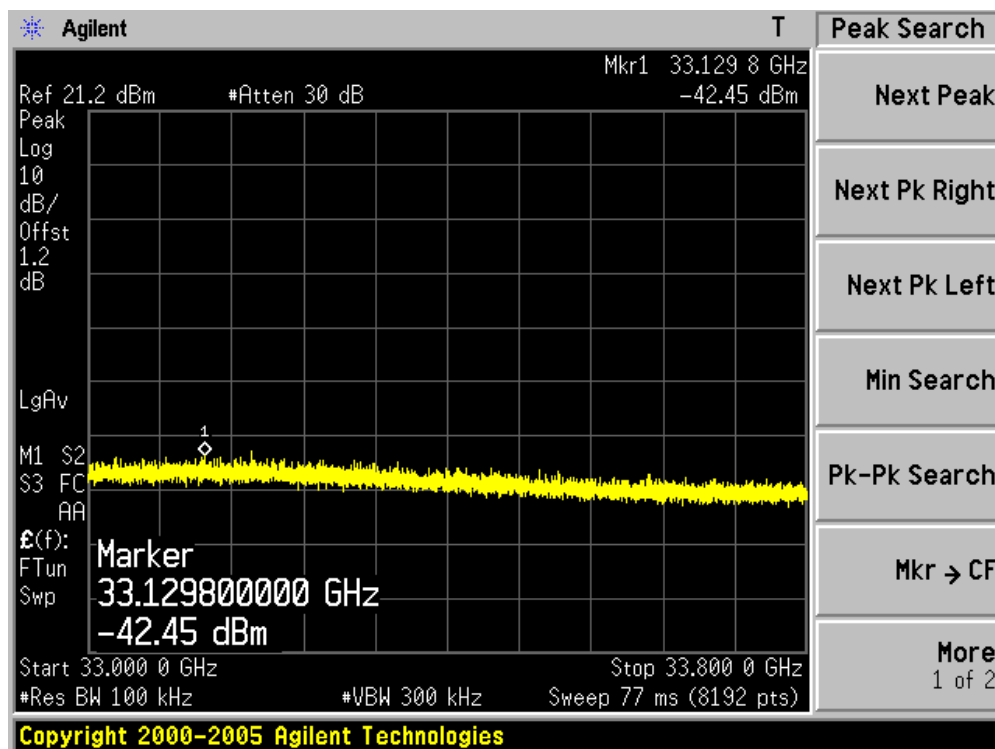
Channel 149 (5745MHz)-9



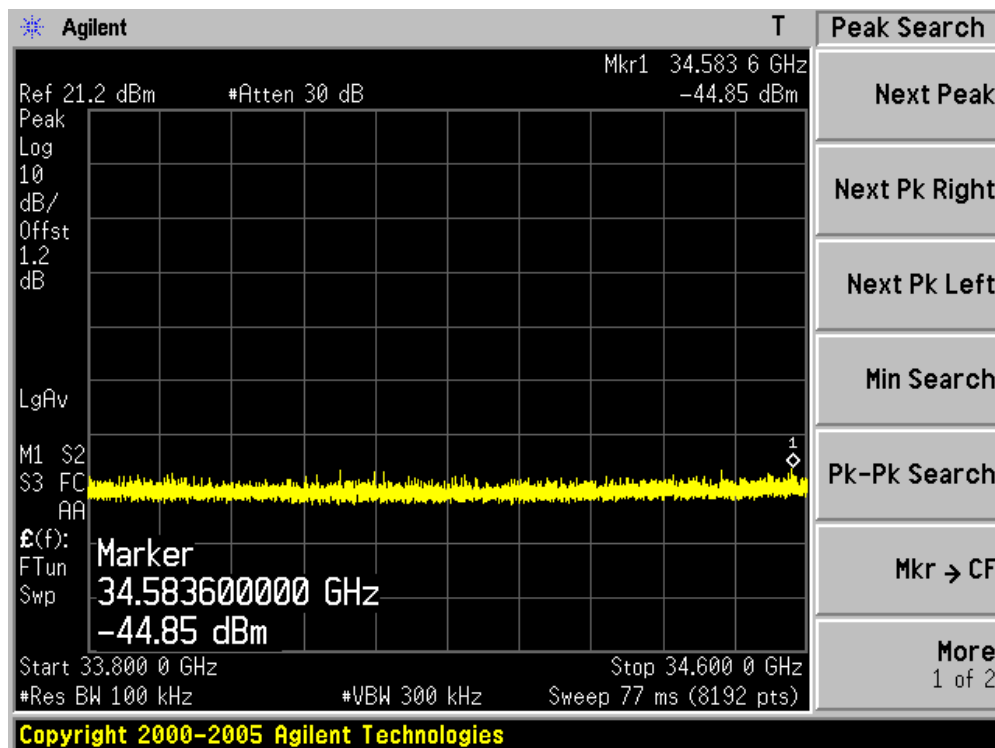
### Channel 149 (5745MHz)-10



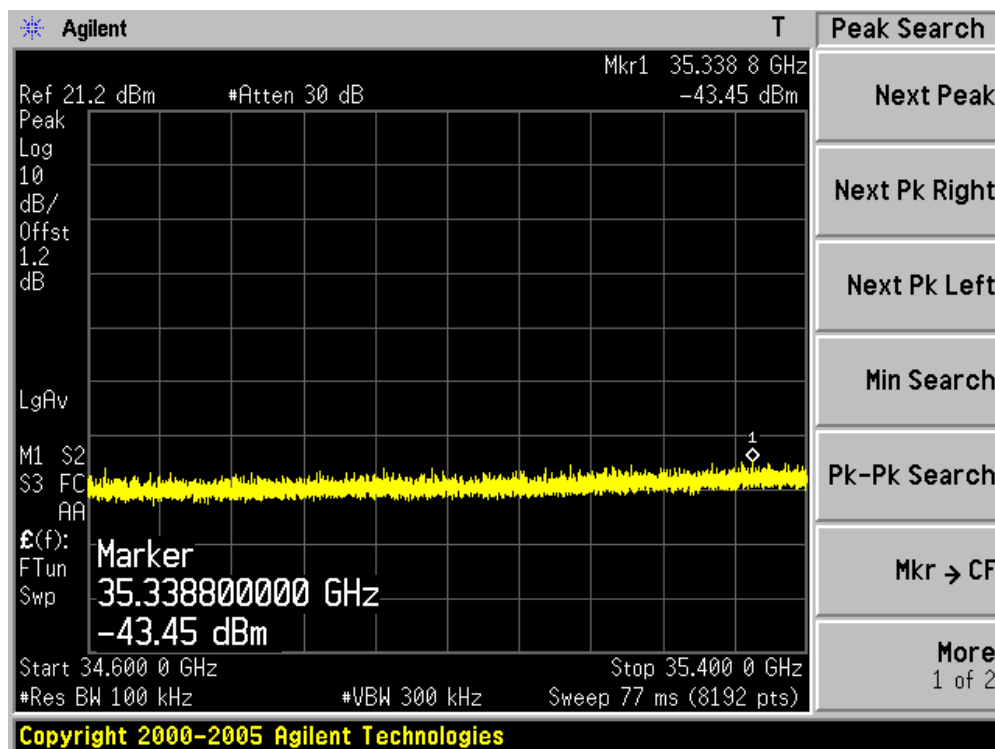
### Channel 149 (5745MHz)-11



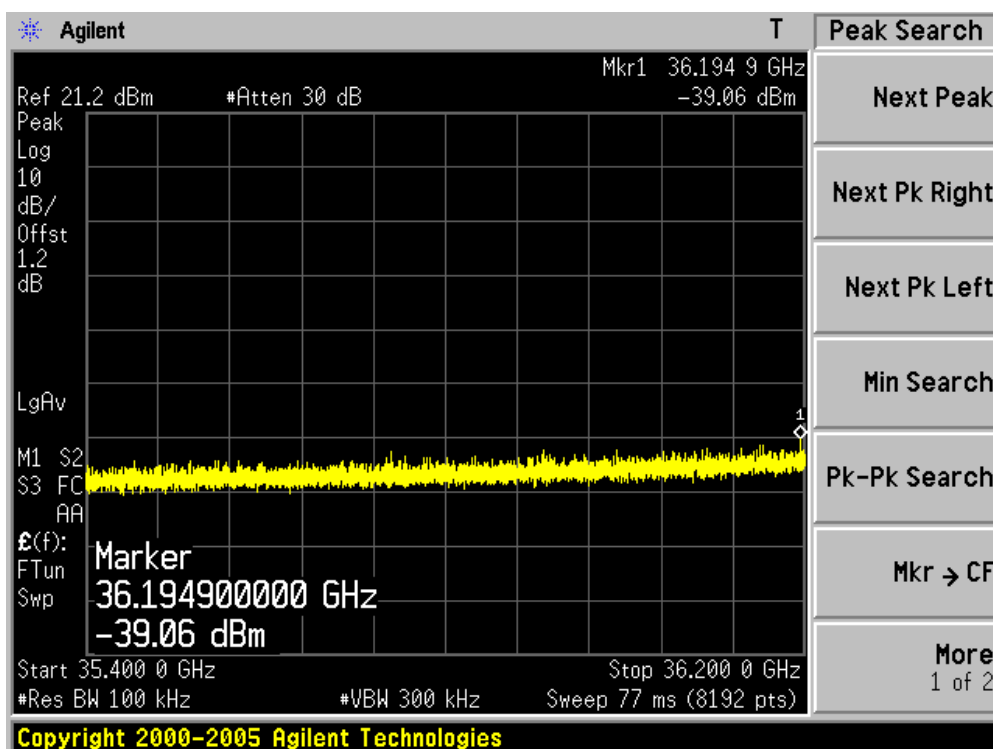
### Channel 149 (5745MHz)-12



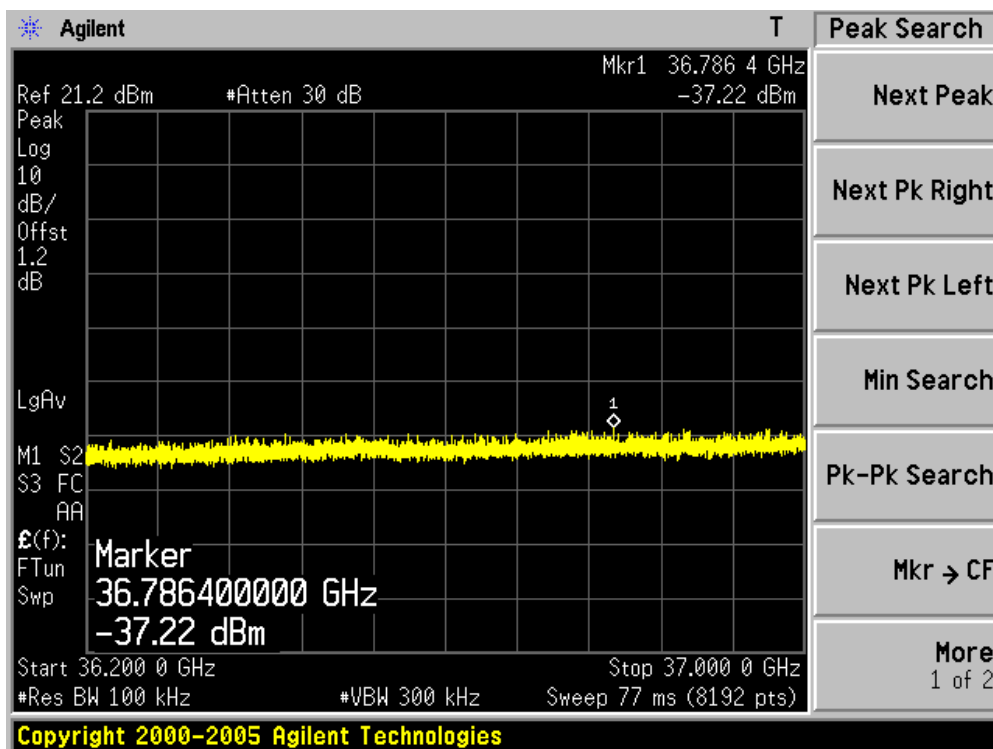
### Channel 149 (5745MHz)-13



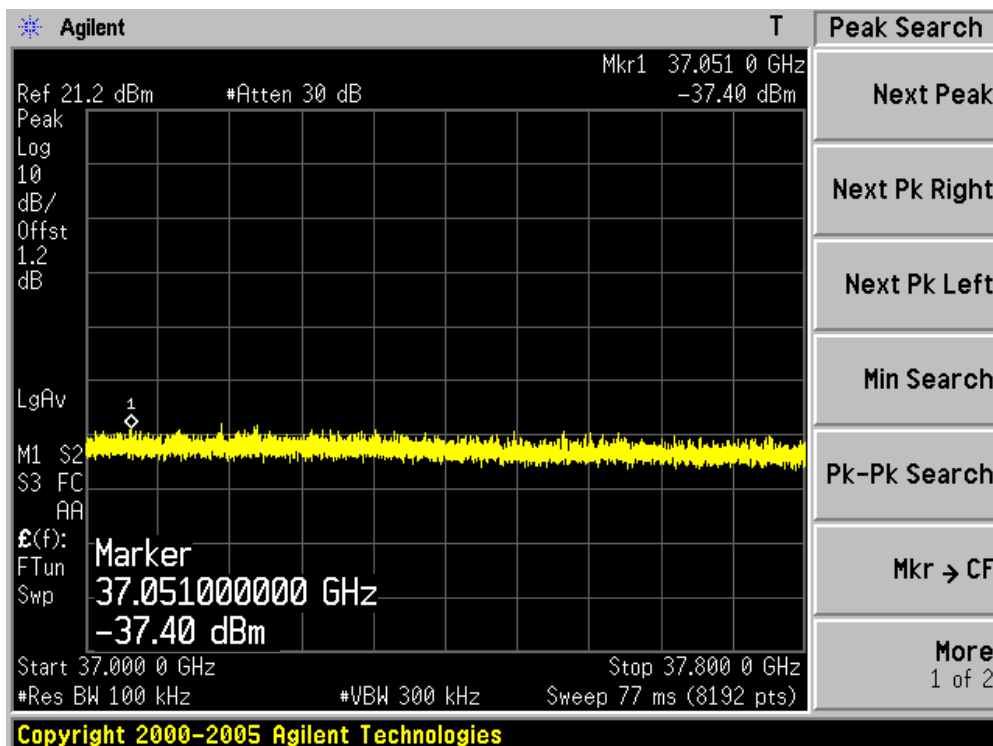
### Channel 149 (5745MHz)-14



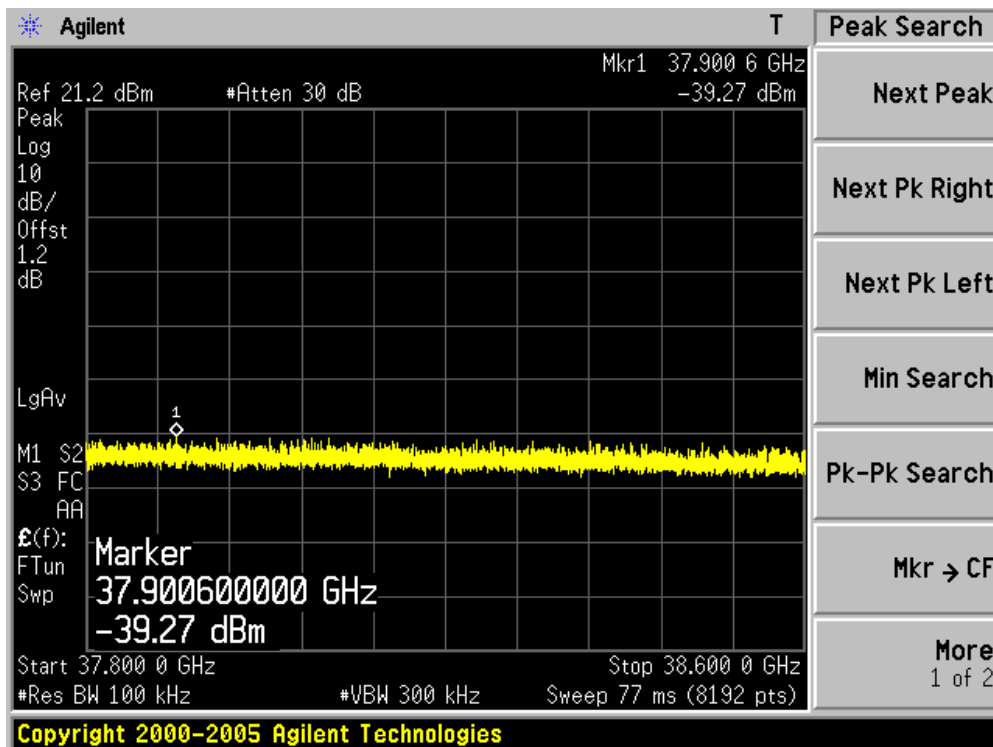
### Channel 149 (5745MHz)-15



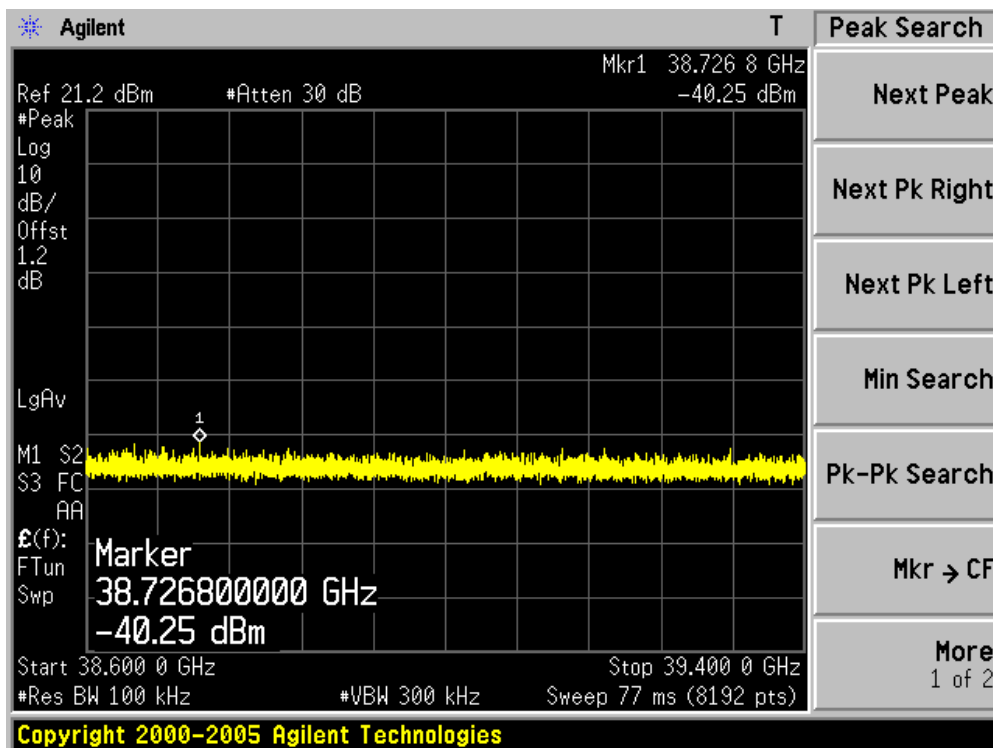
### Channel 149 (5745MHz)-16



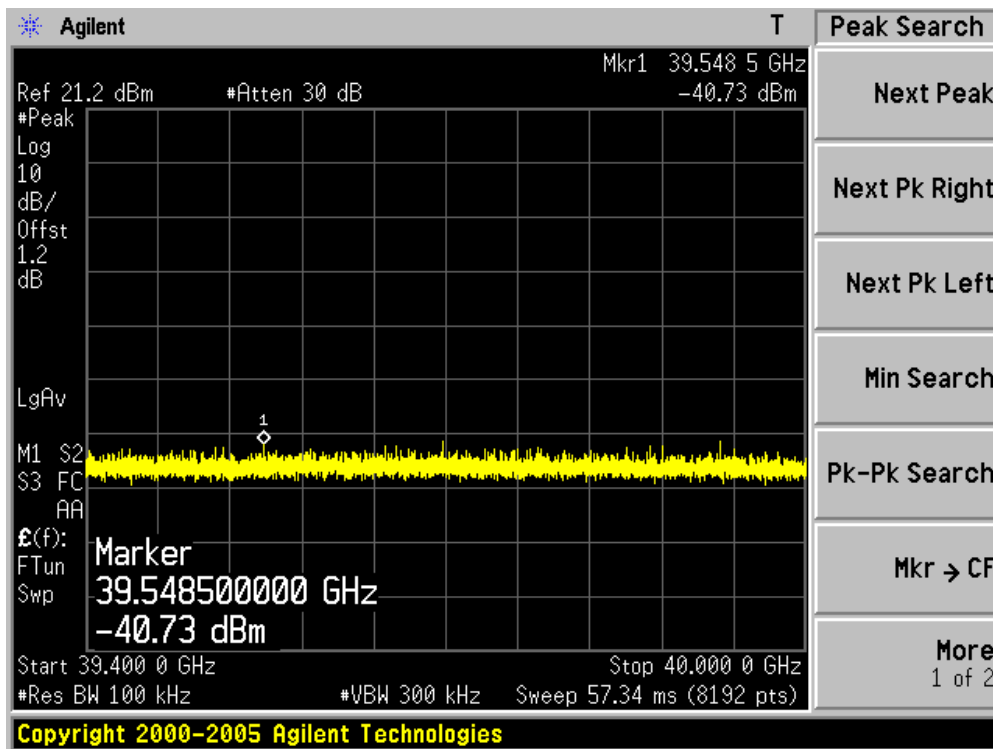
### Channel 149 (5745MHz)-17



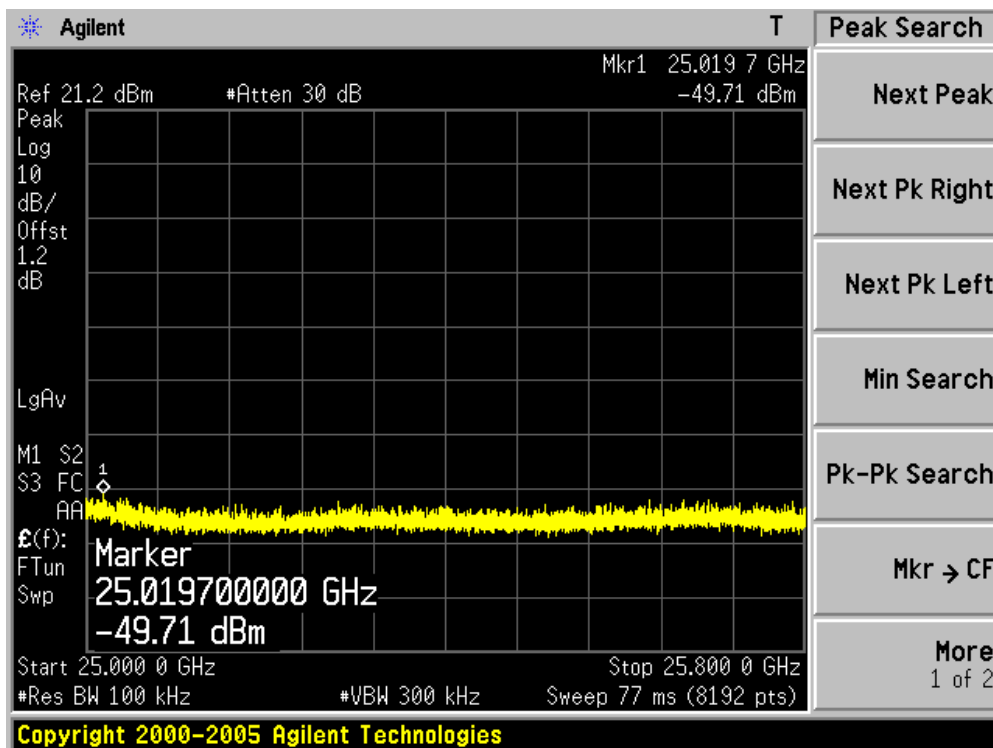
Channel 149 (5745MHz)-18



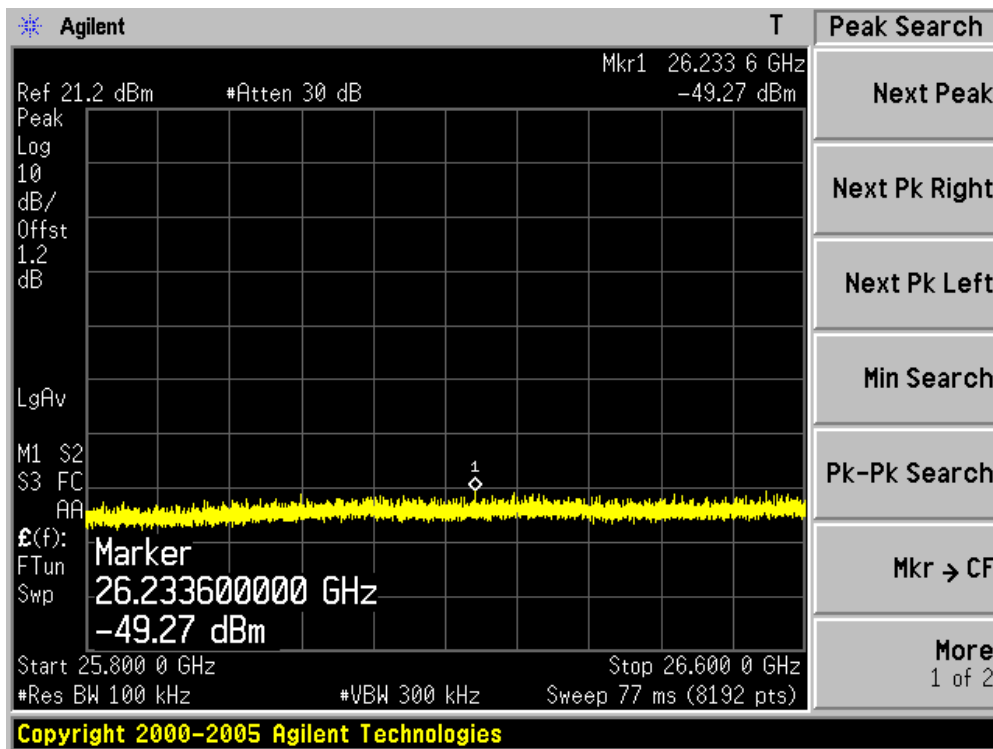
Channel 149 (5745MHz)-19



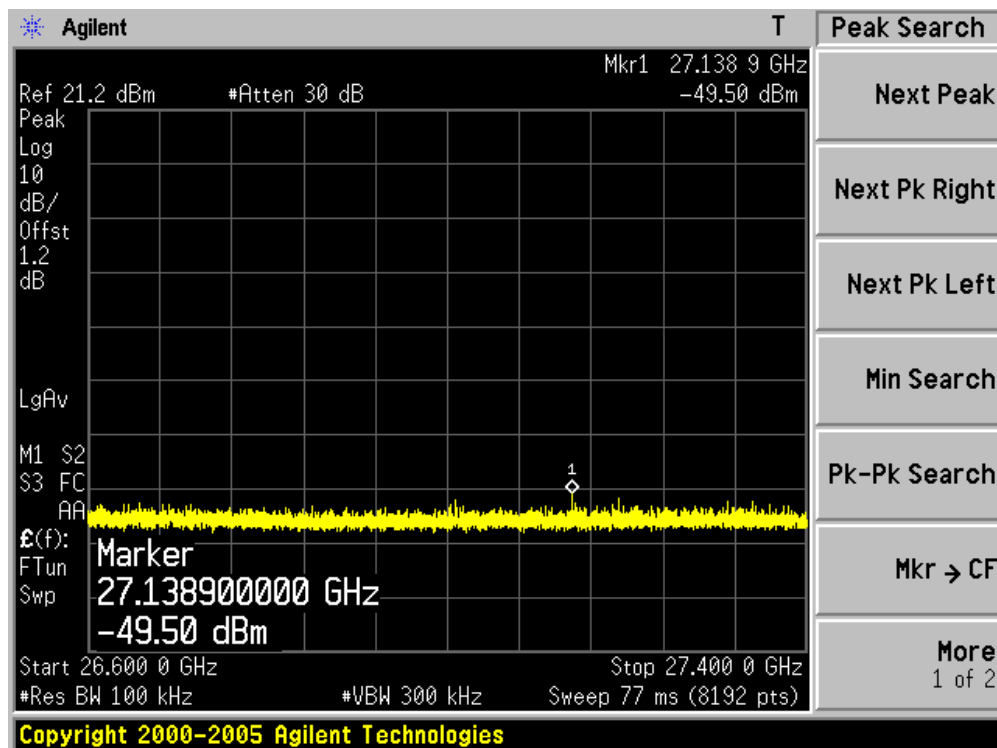
Channel 157 (5785MHz)-1



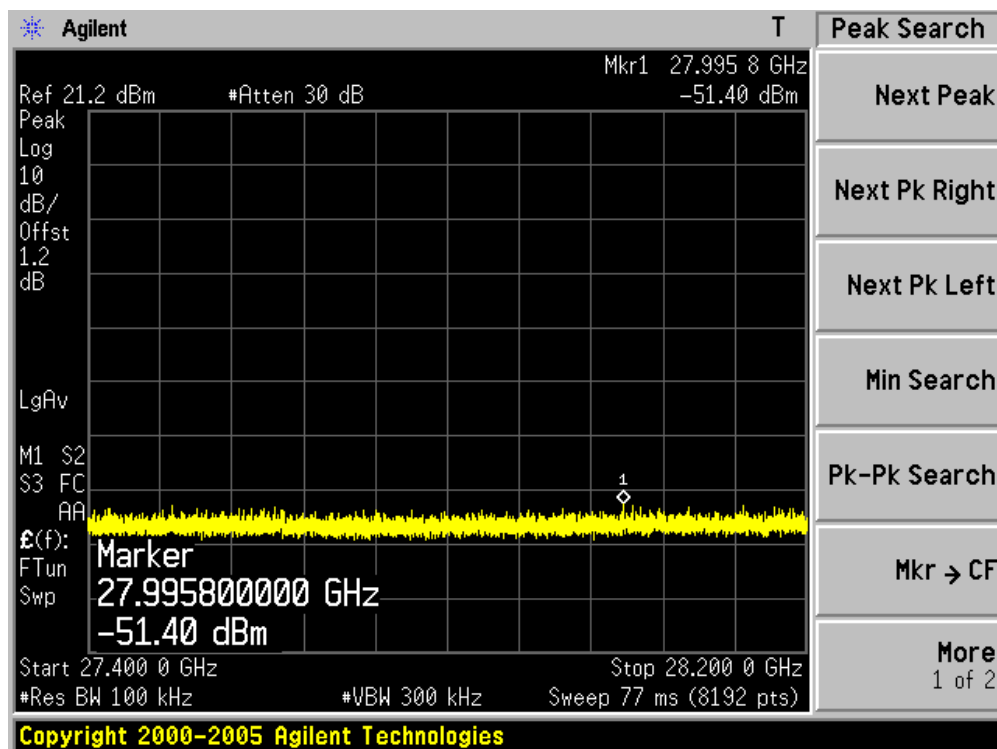
Channel 157 (5785MHz)-2



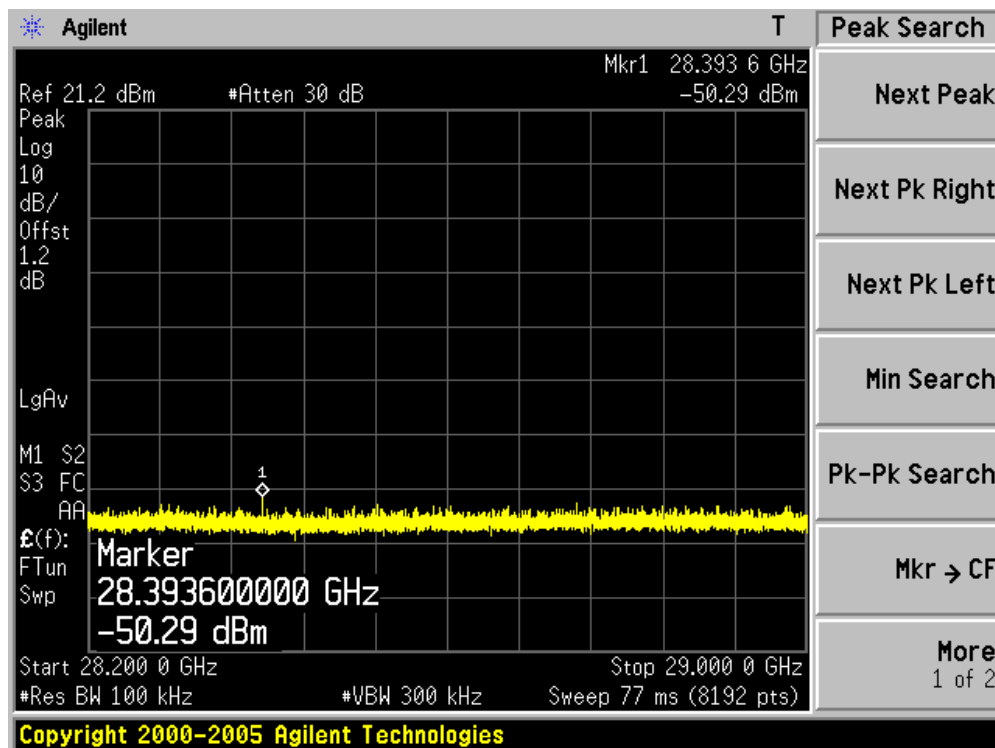
### Channel 157 (5785MHz)-3



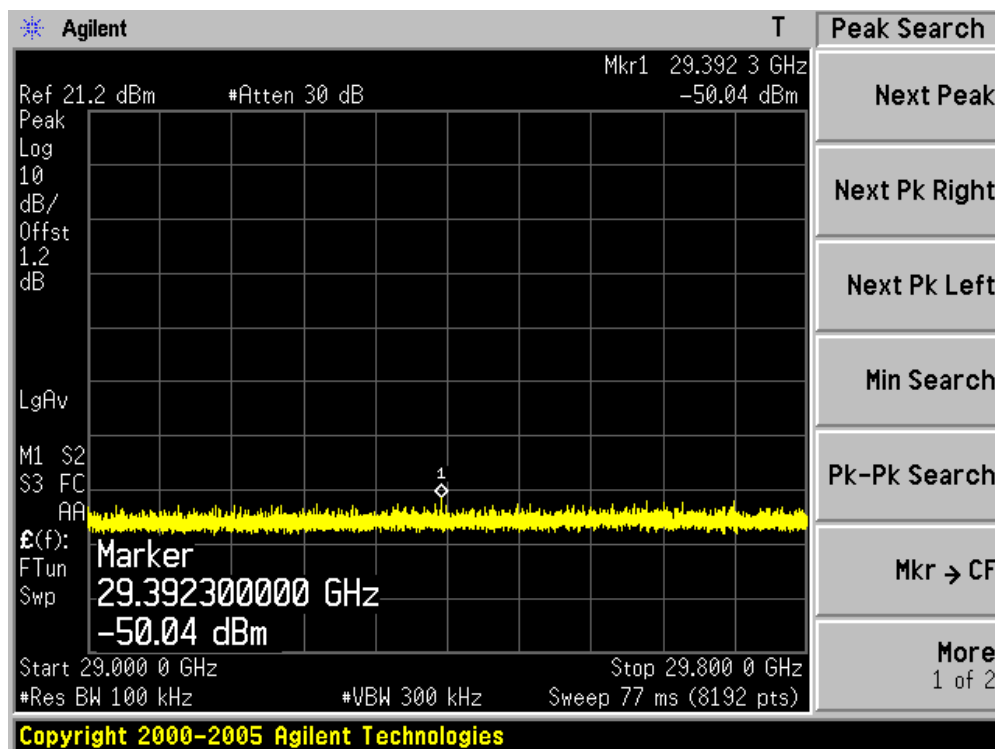
### Channel 157 (5785MHz)-4



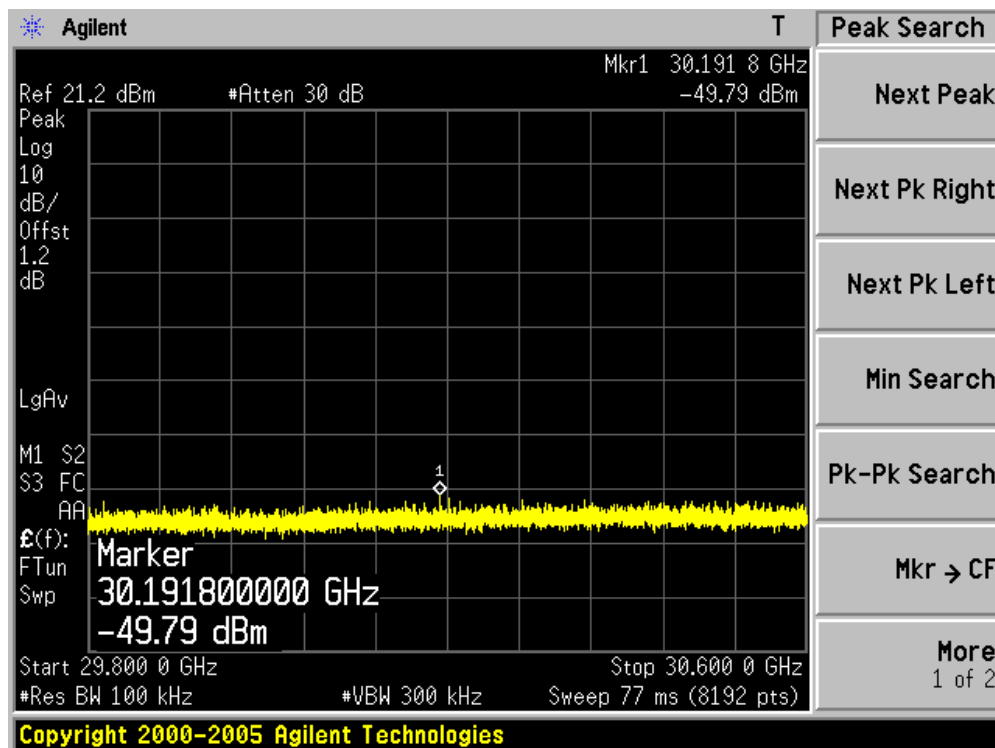
Channel 157 (5785MHz)-5



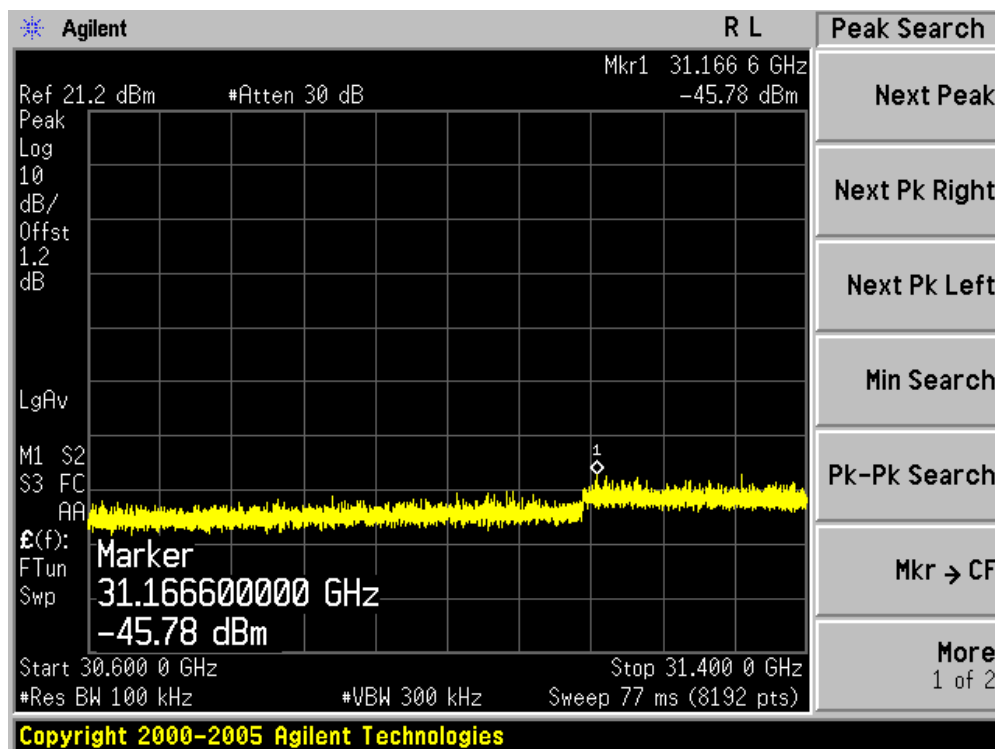
Channel 157 (5785MHz)-6



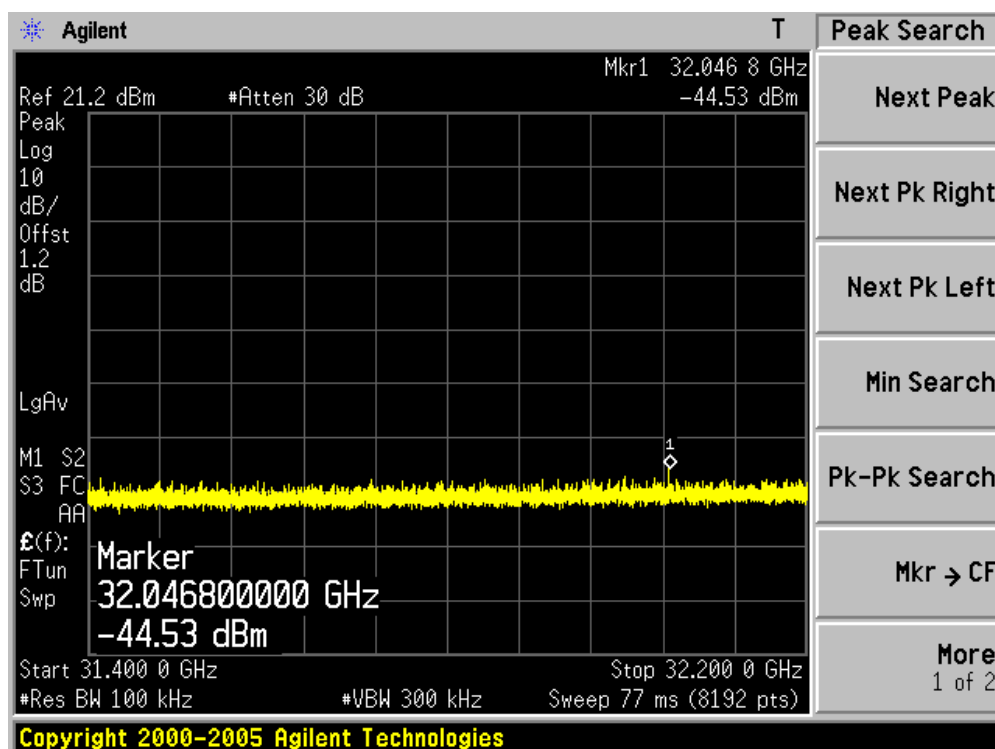
Channel 157 (5785MHz)-7



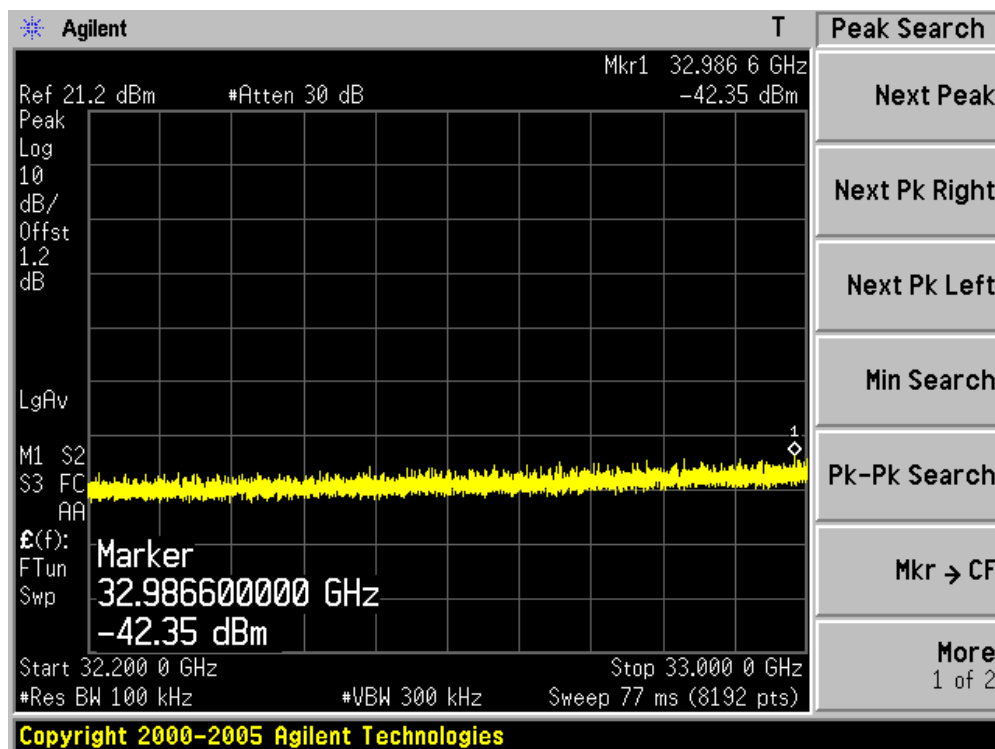
Channel 157 (5785MHz)-8



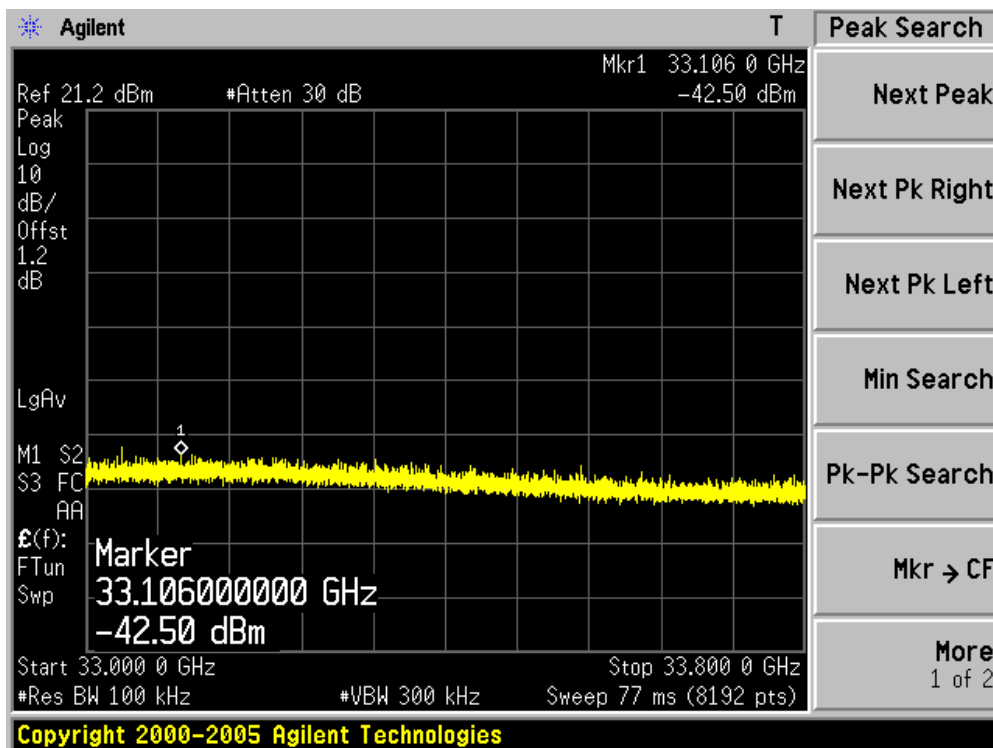
### Channel 157 (5785MHz)-9



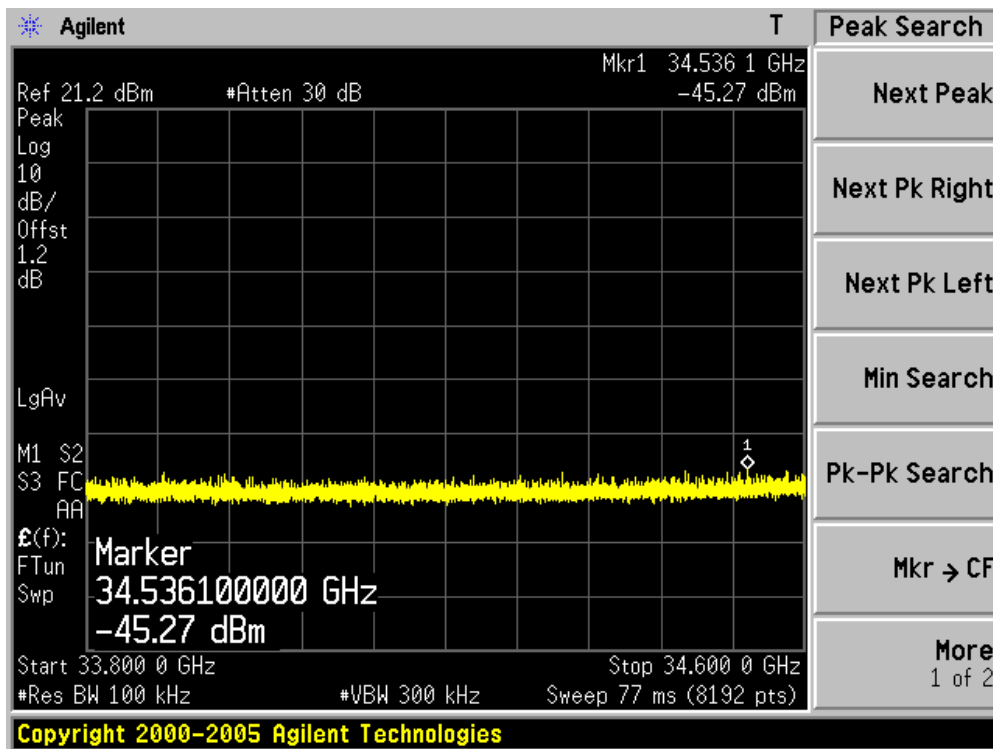
### Channel 157 (5785MHz)-10



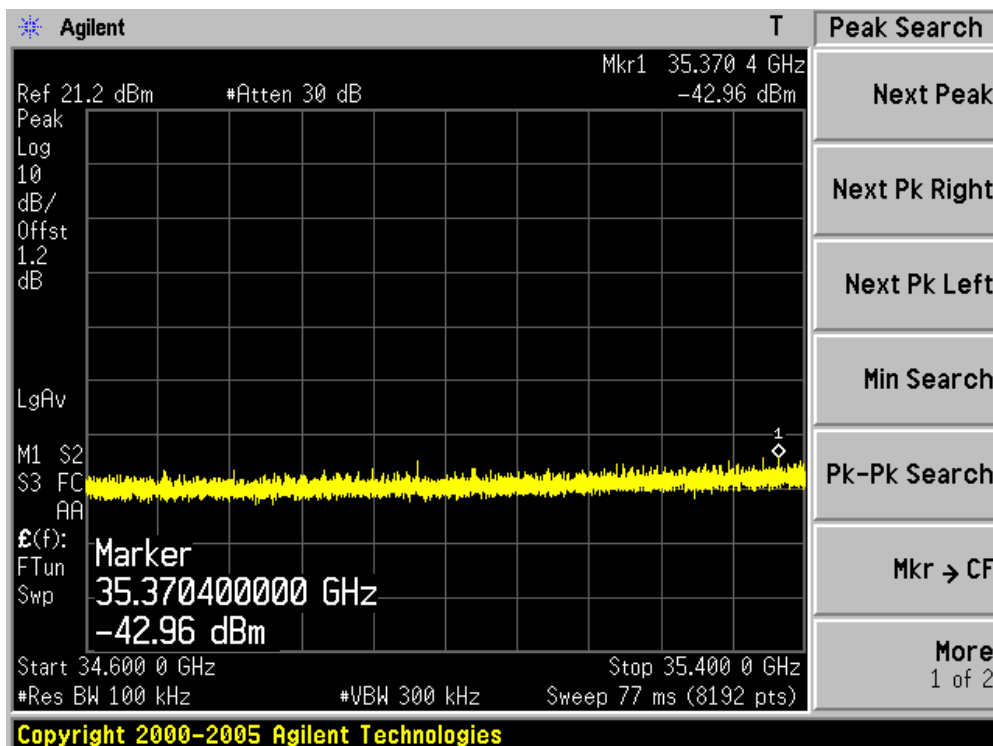
Channel 157 (5785MHz)-11



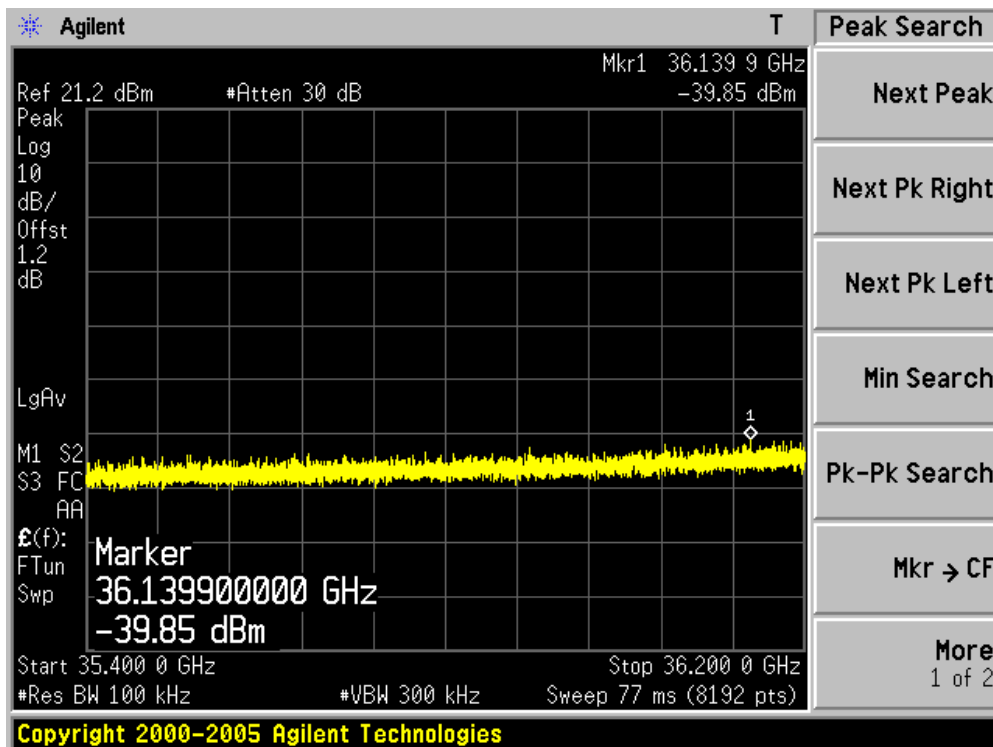
Channel 157 (5785MHz)-12



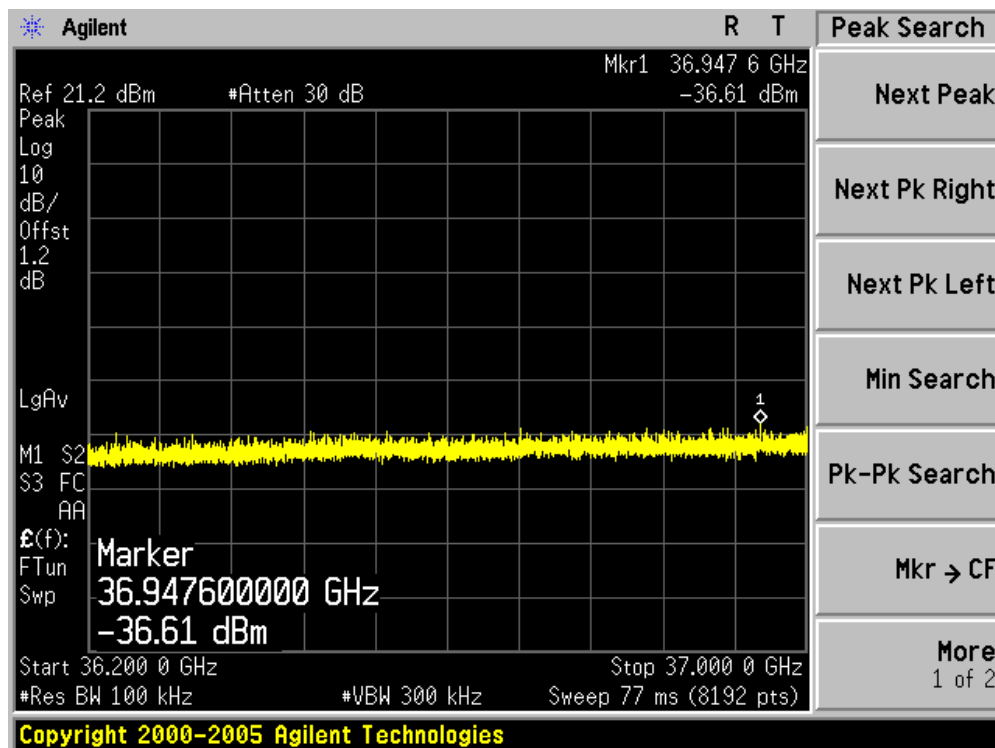
Channel 157 (5785MHz)-13



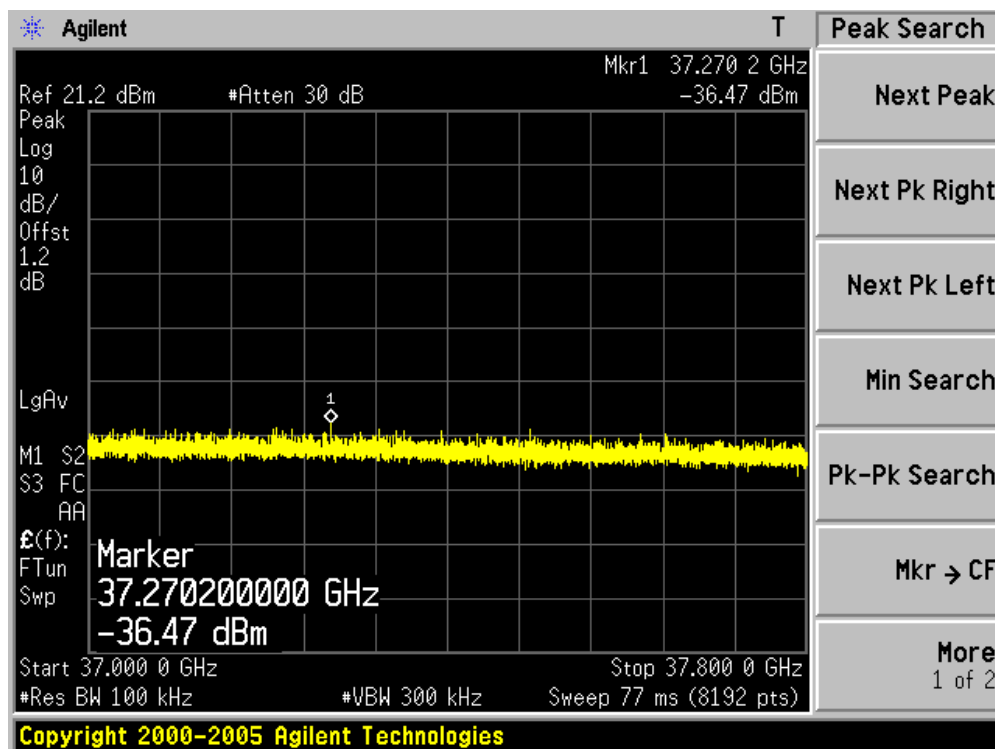
Channel 157 (5785MHz)-14



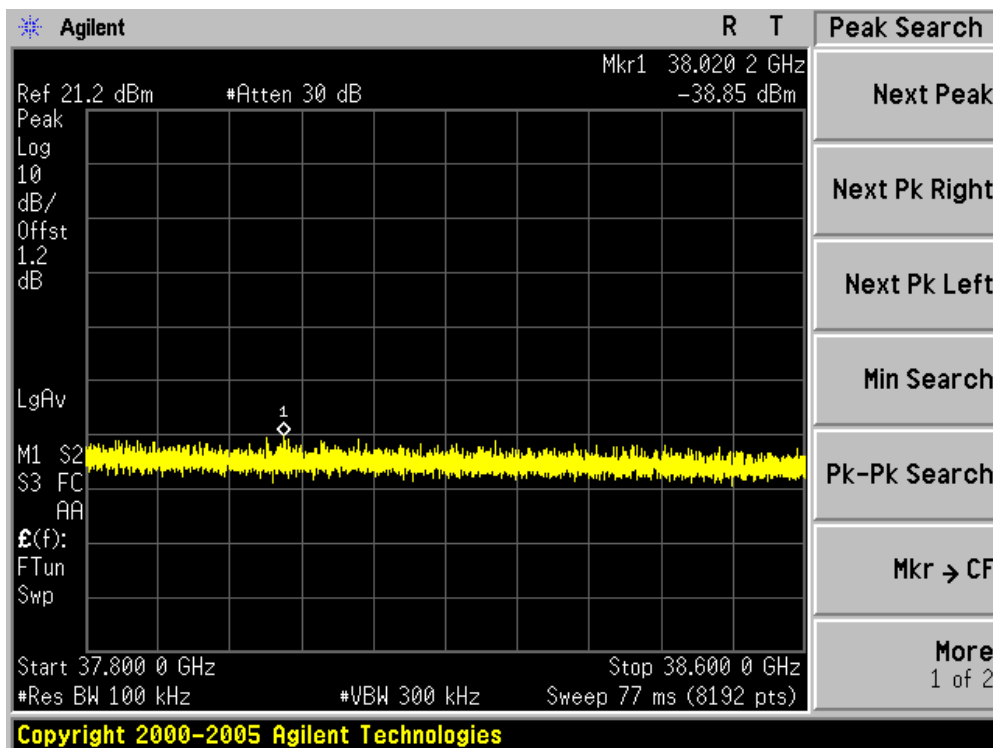
Channel 157 (5785MHz)-15



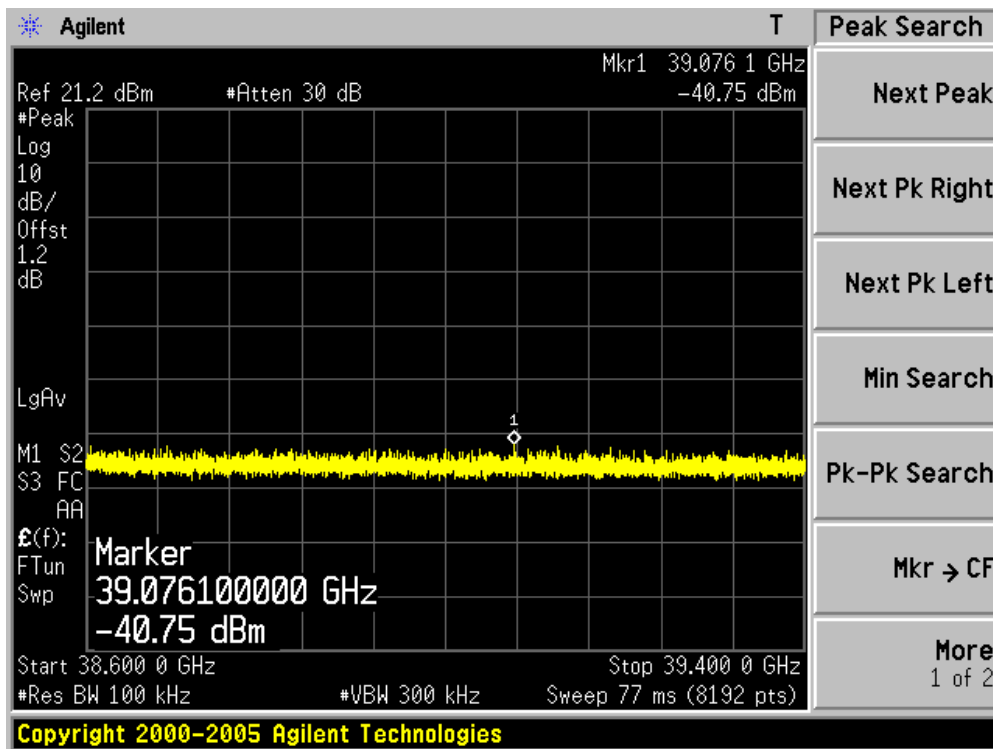
Channel 157 (5785MHz)-16



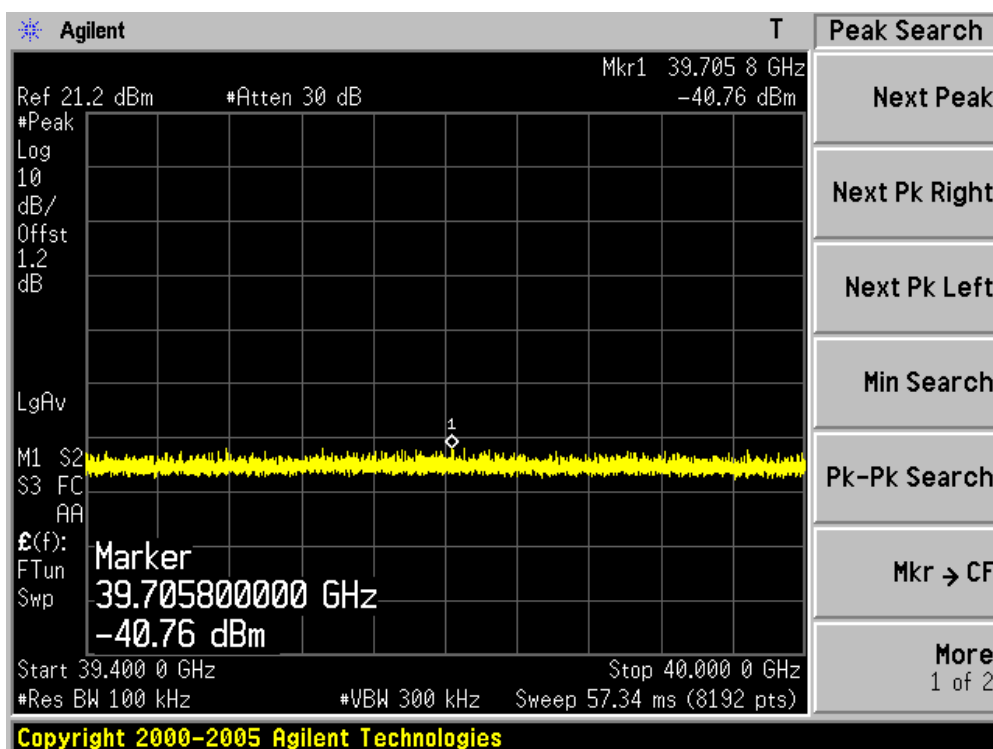
### Channel 157 (5785MHz)-17



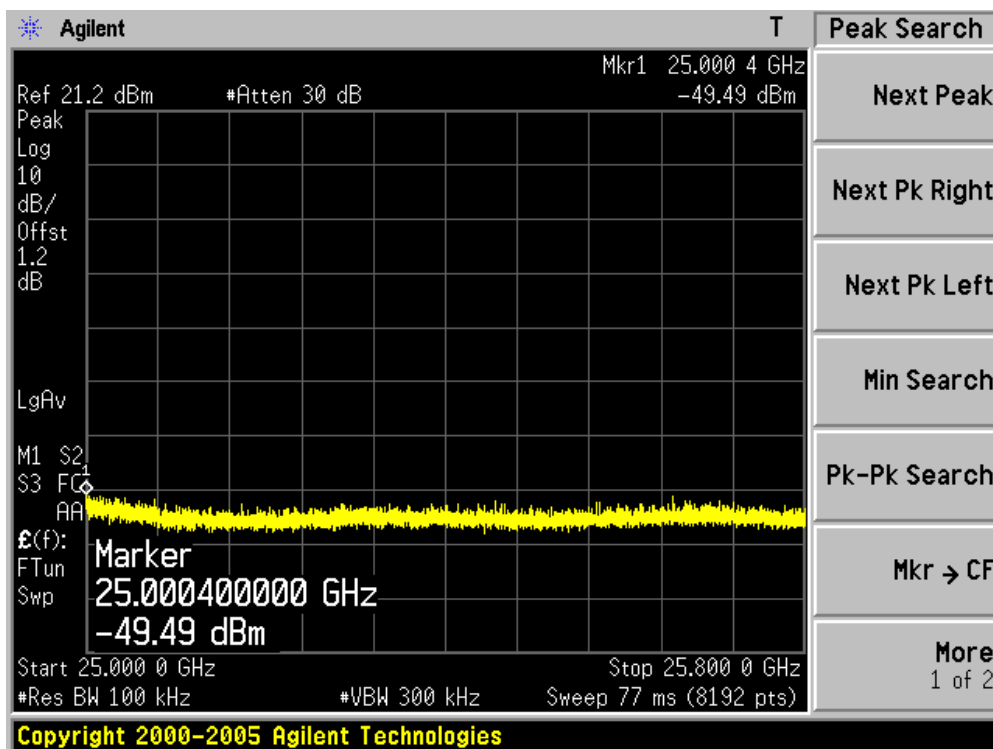
### Channel 157 (5785MHz)-18



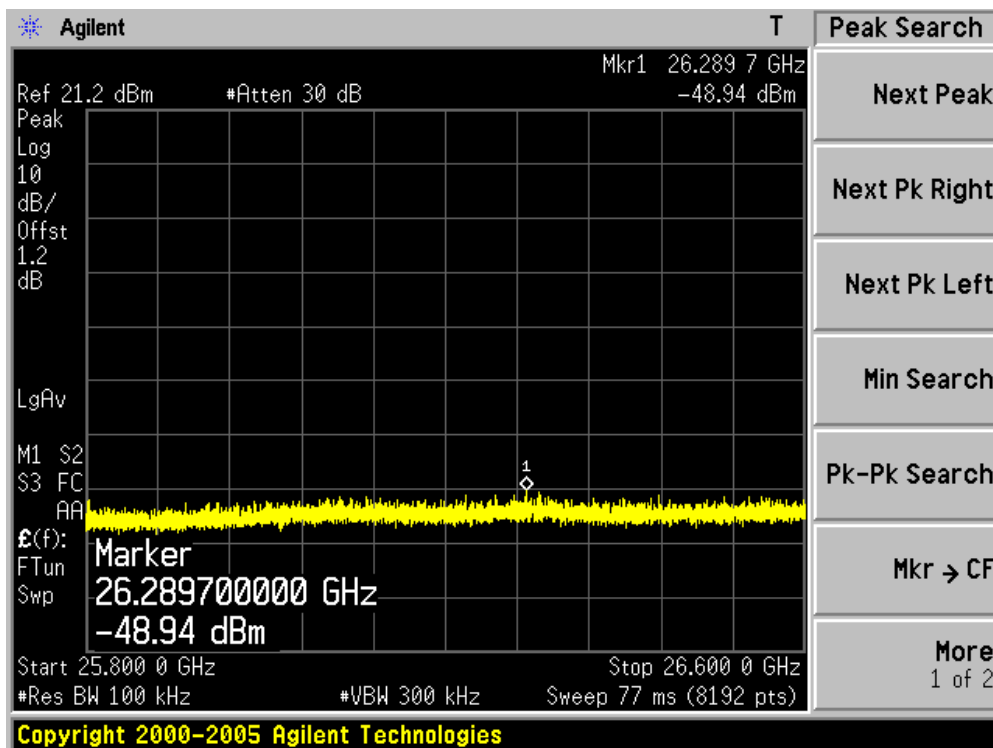
### Channel 157 (5785MHz)-19



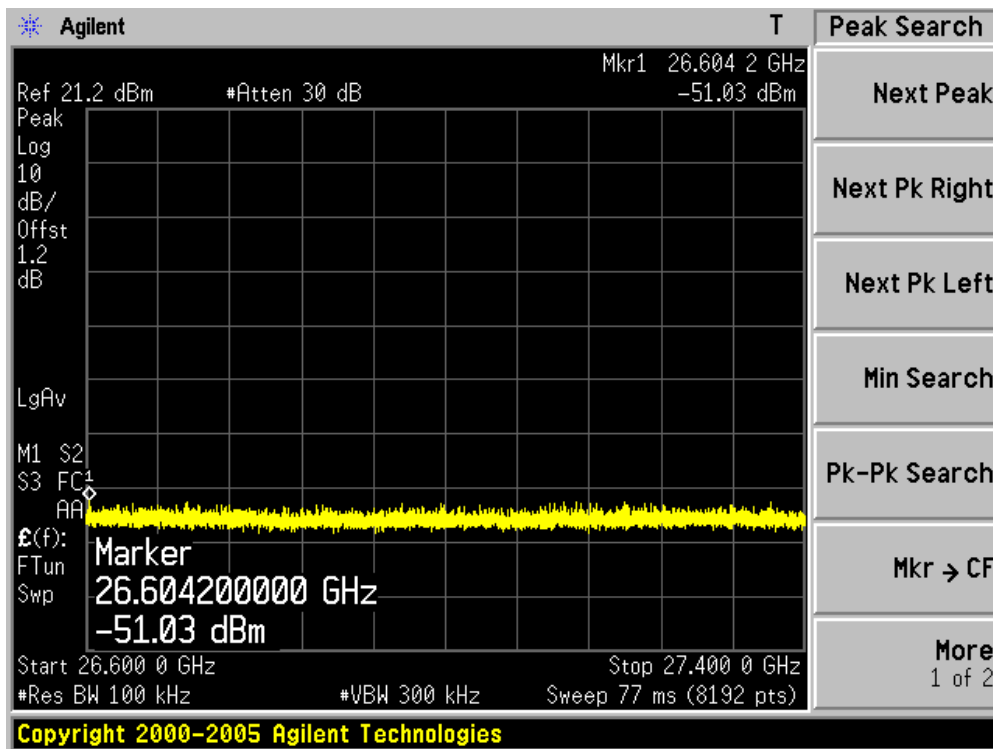
### Channel 165 (5825MHz)-1



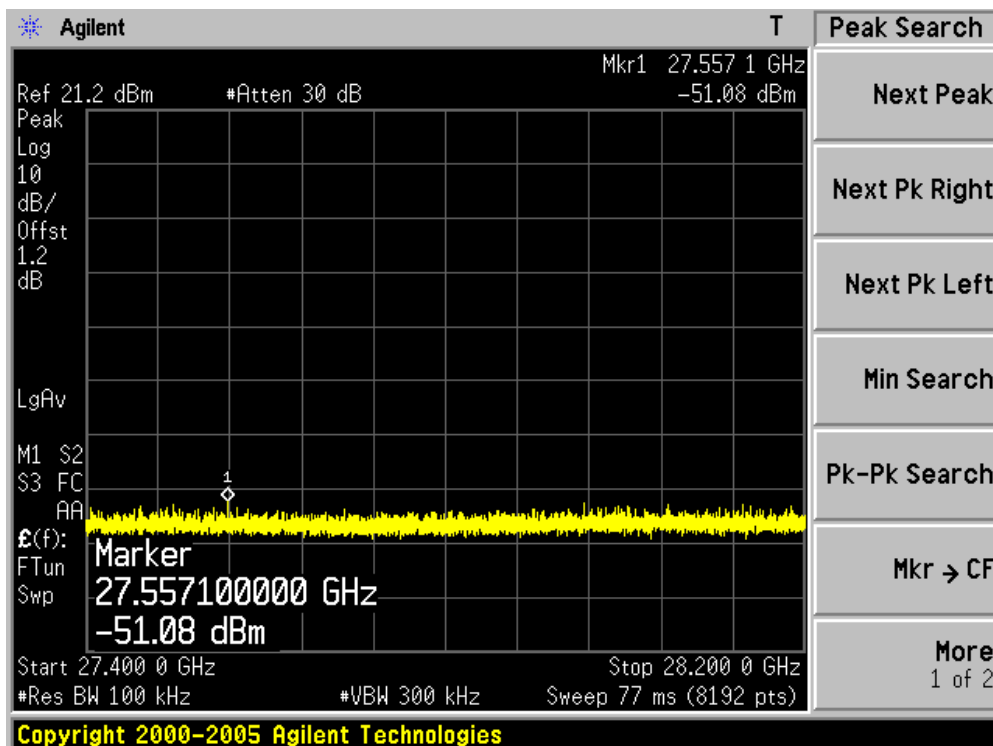
### Channel 165 (5825MHz)-2



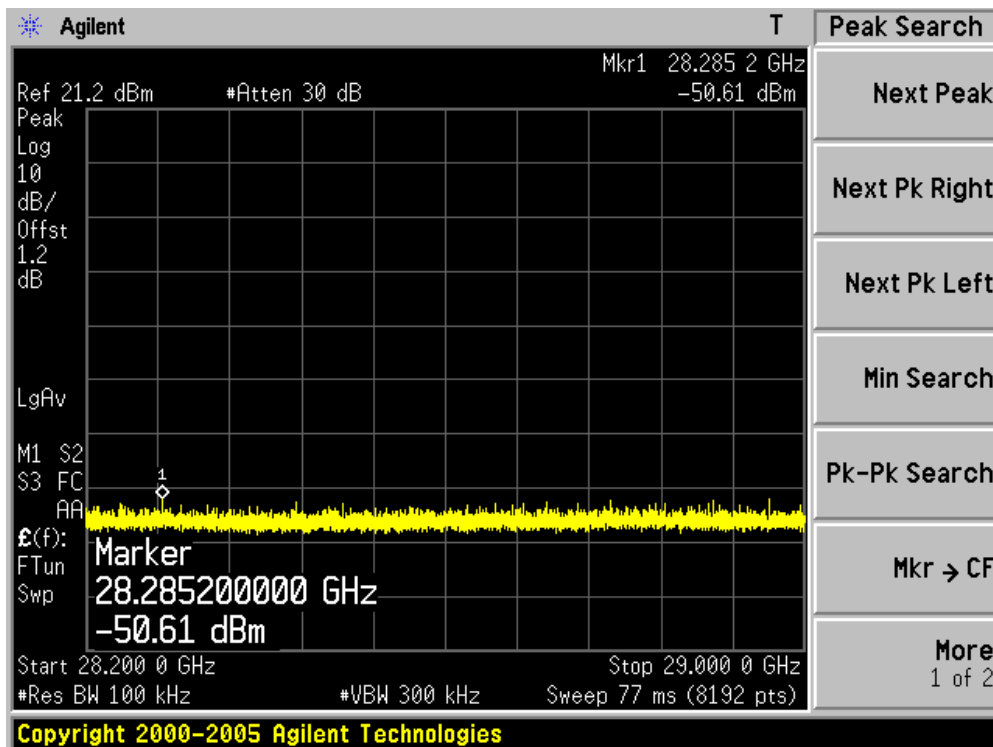
### Channel 165 (5825MHz)-3



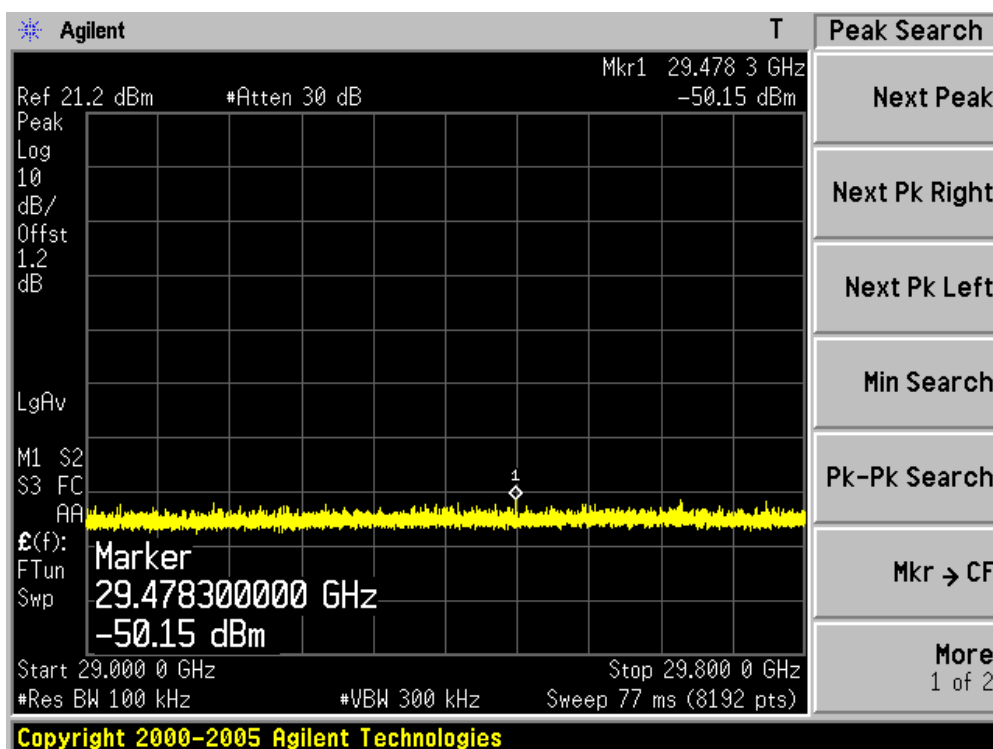
Channel 165 (5825MHz)-4



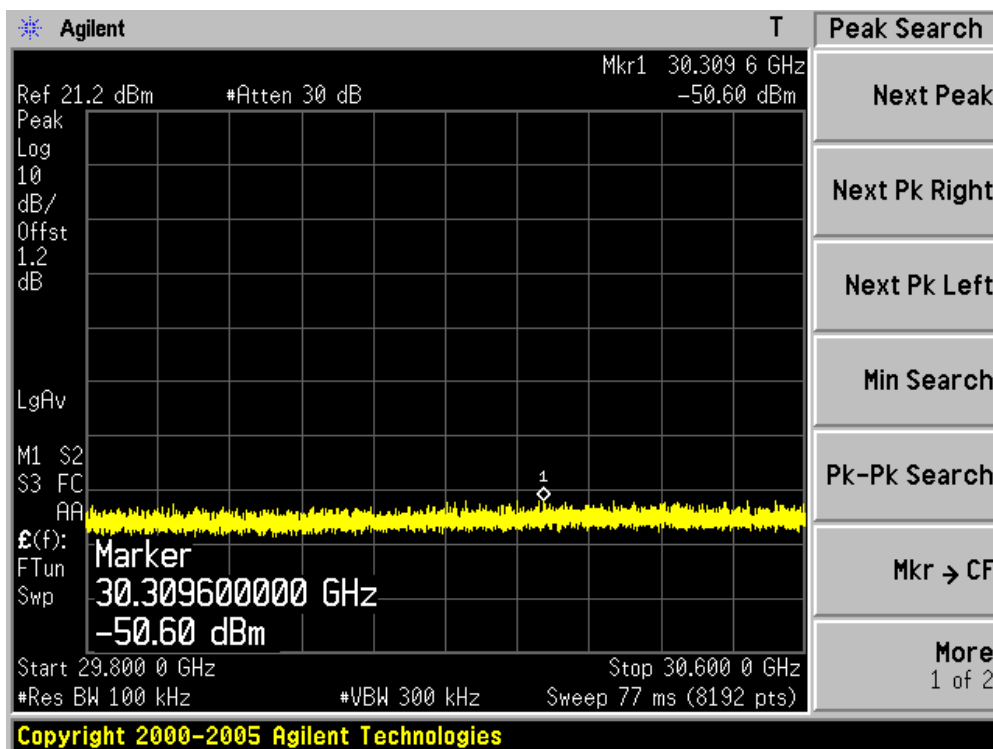
Channel 165 (5825MHz)-5



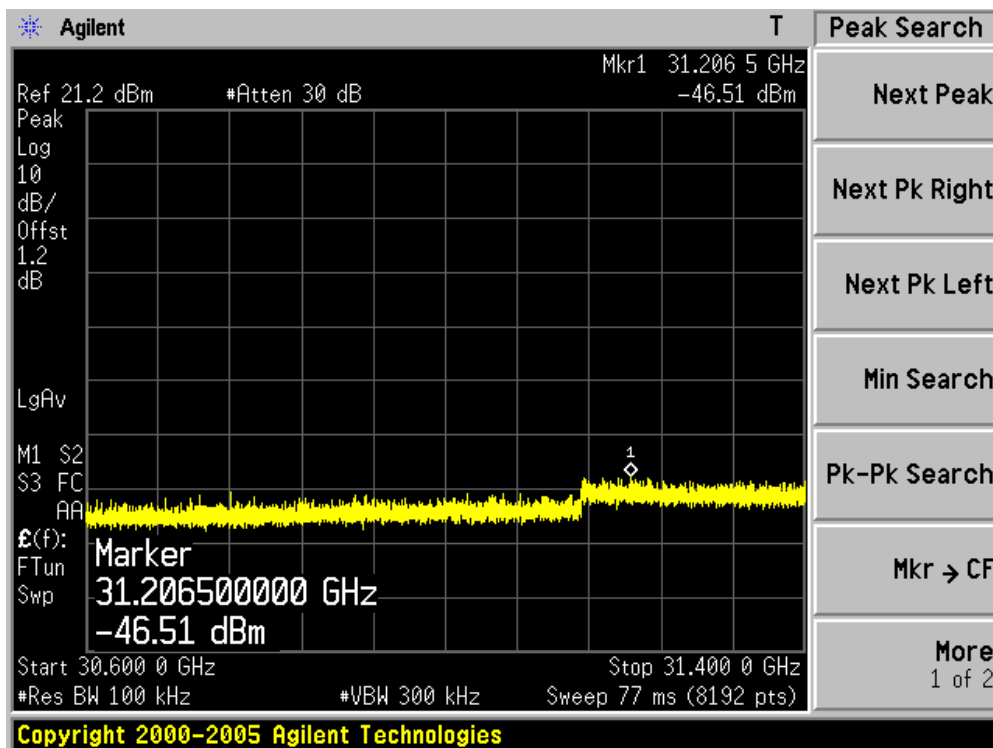
### Channel 165 (5825MHz)-6



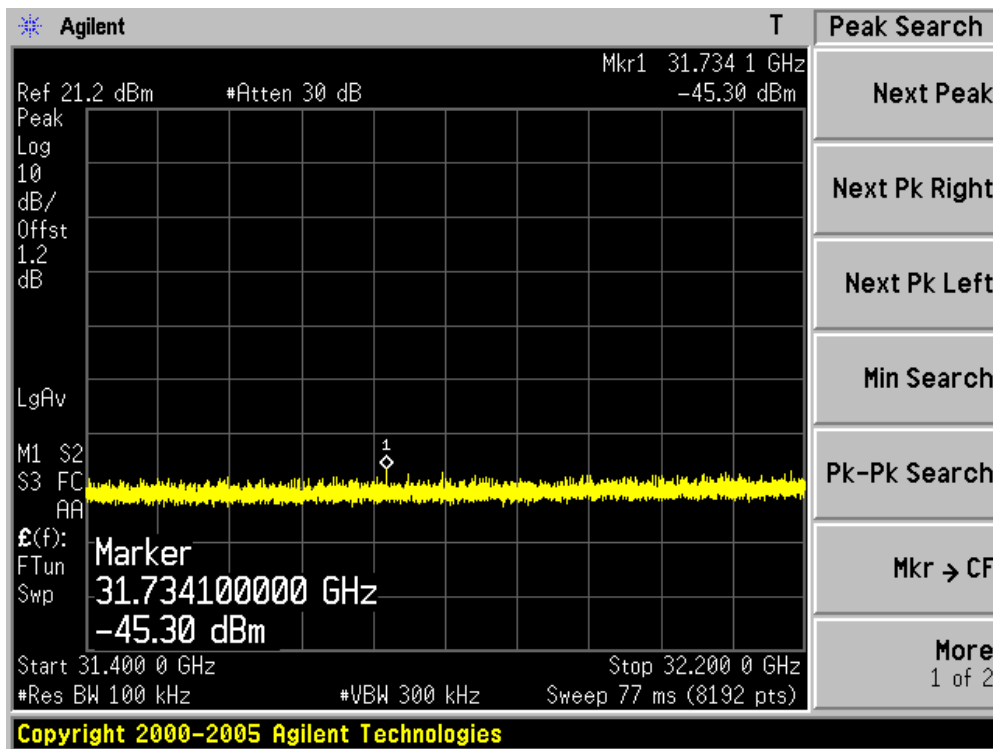
### Channel 165 (5825MHz)-7



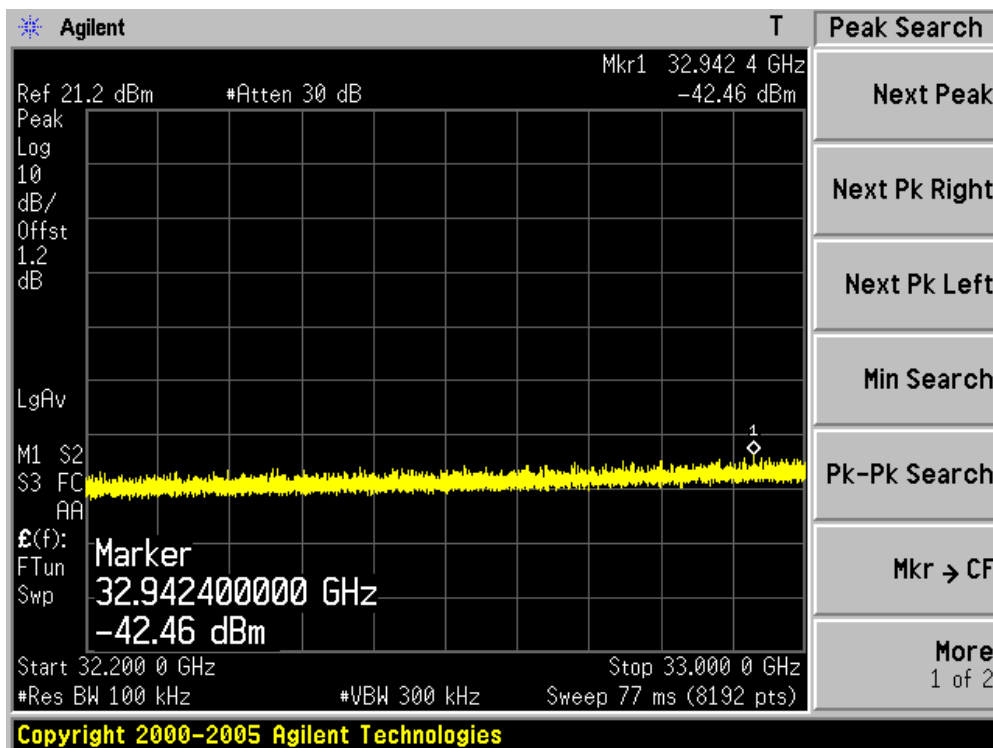
Channel 165 (5825MHz)-8



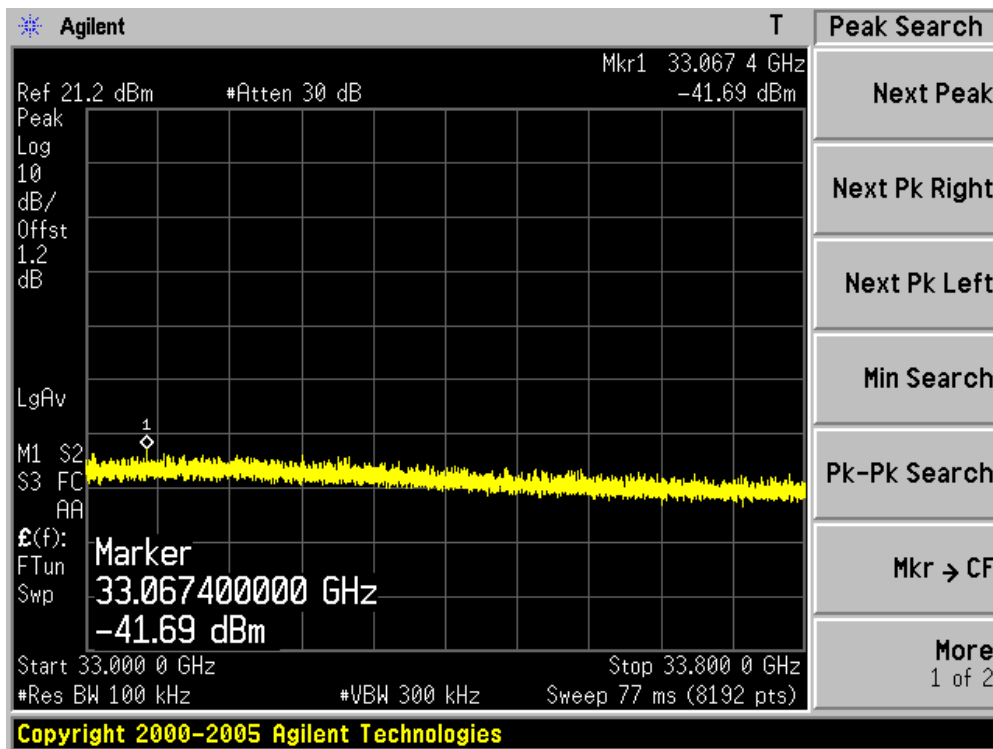
Channel 165 (5825MHz)-9



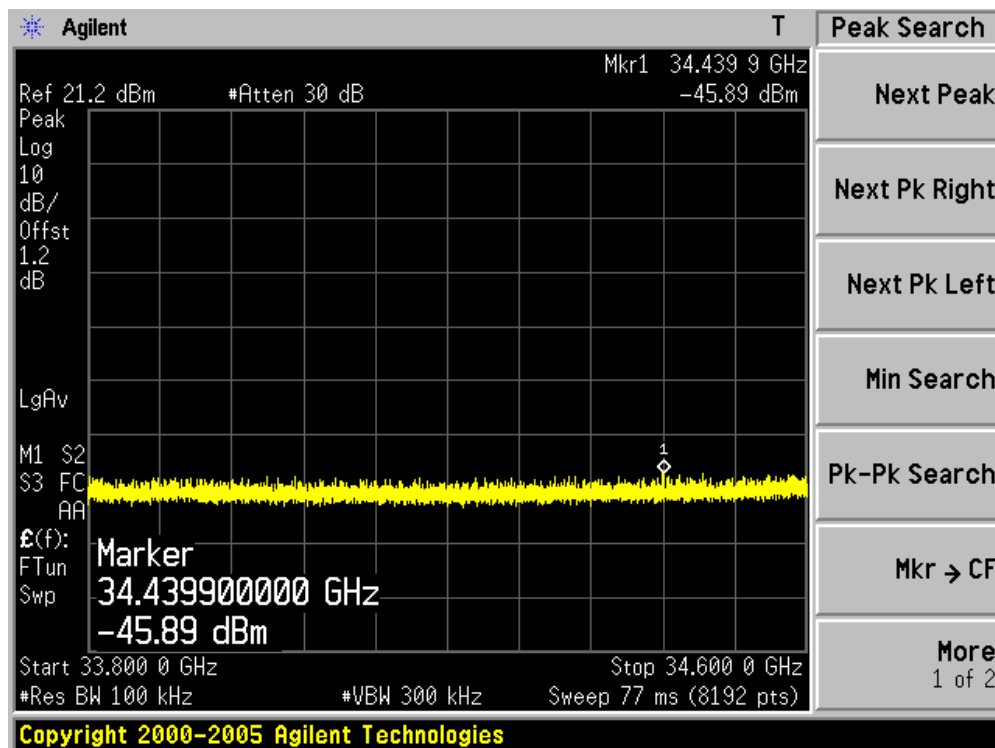
Channel 165 (5825MHz)-10



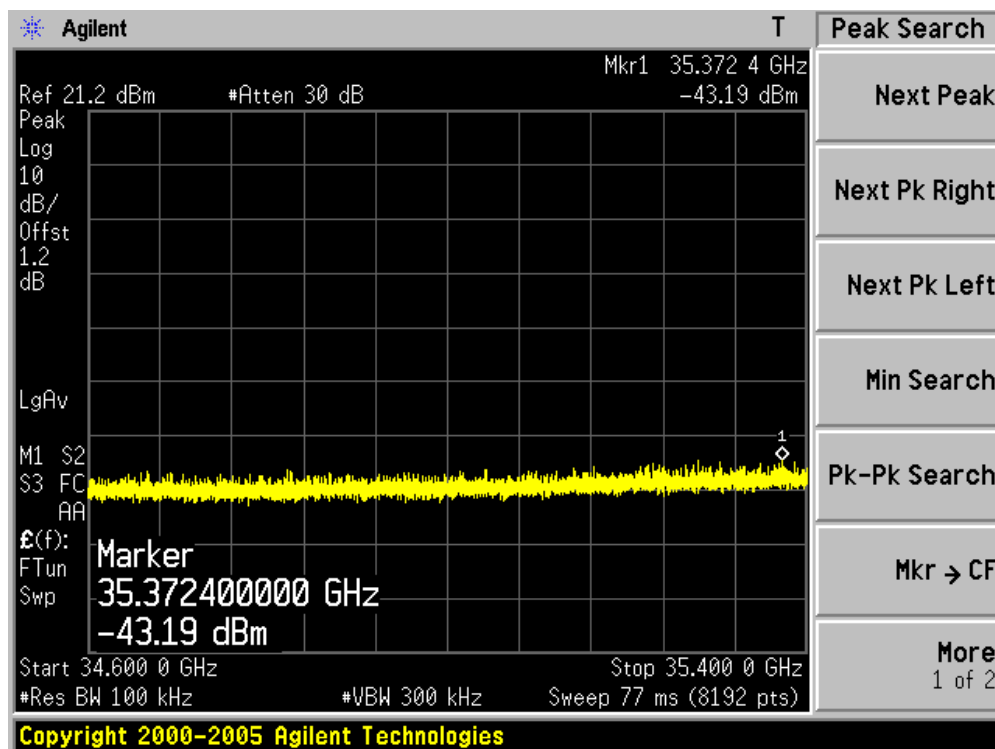
Channel 165 (5825MHz)-11



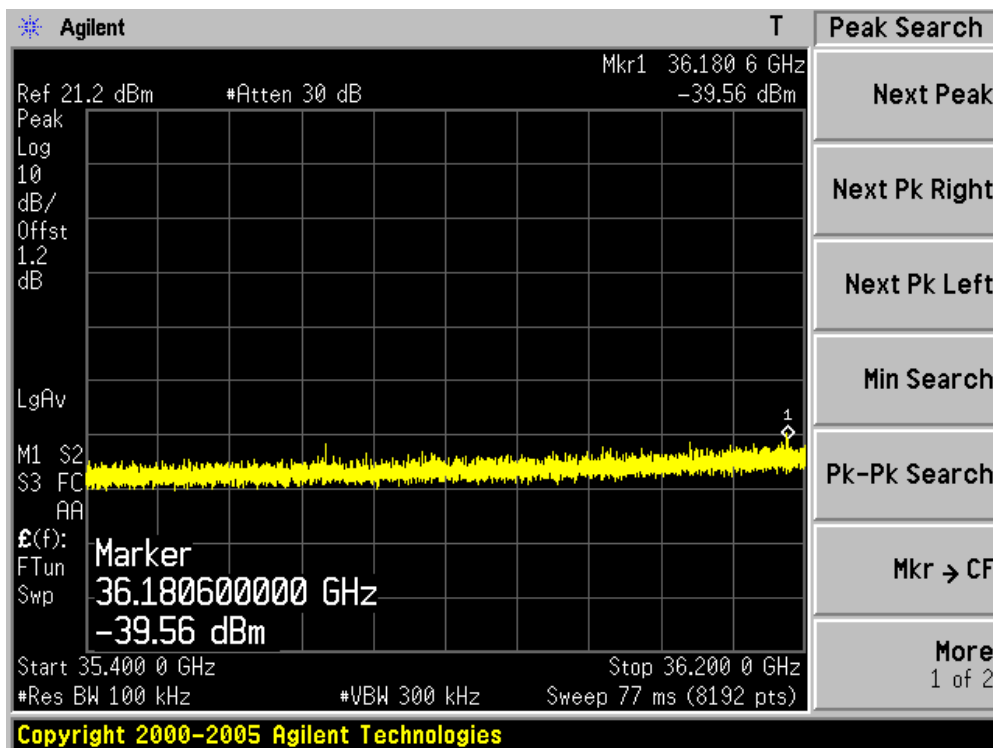
Channel 165 (5825MHz)-12



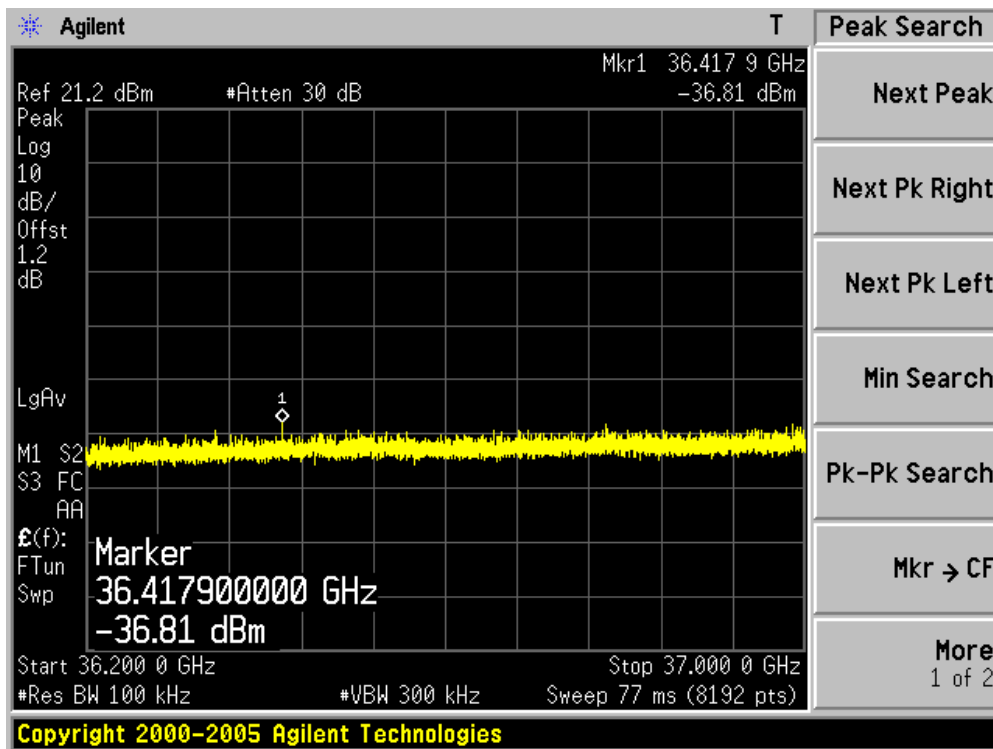
Channel 165 (5825MHz)-13



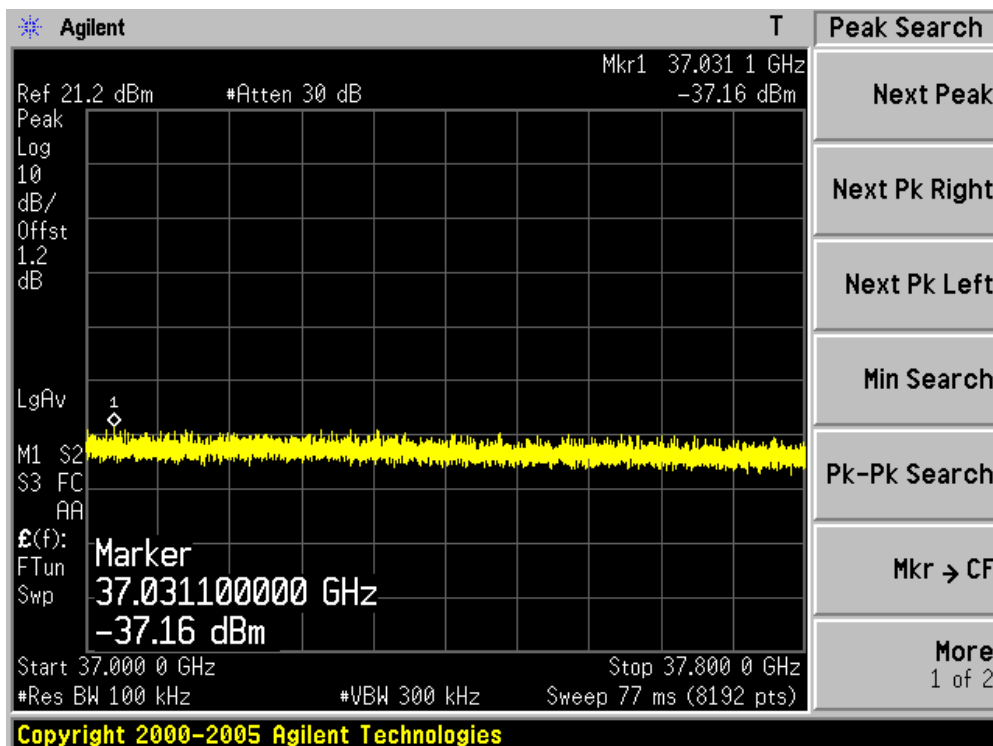
Channel 165 (5825MHz)-14



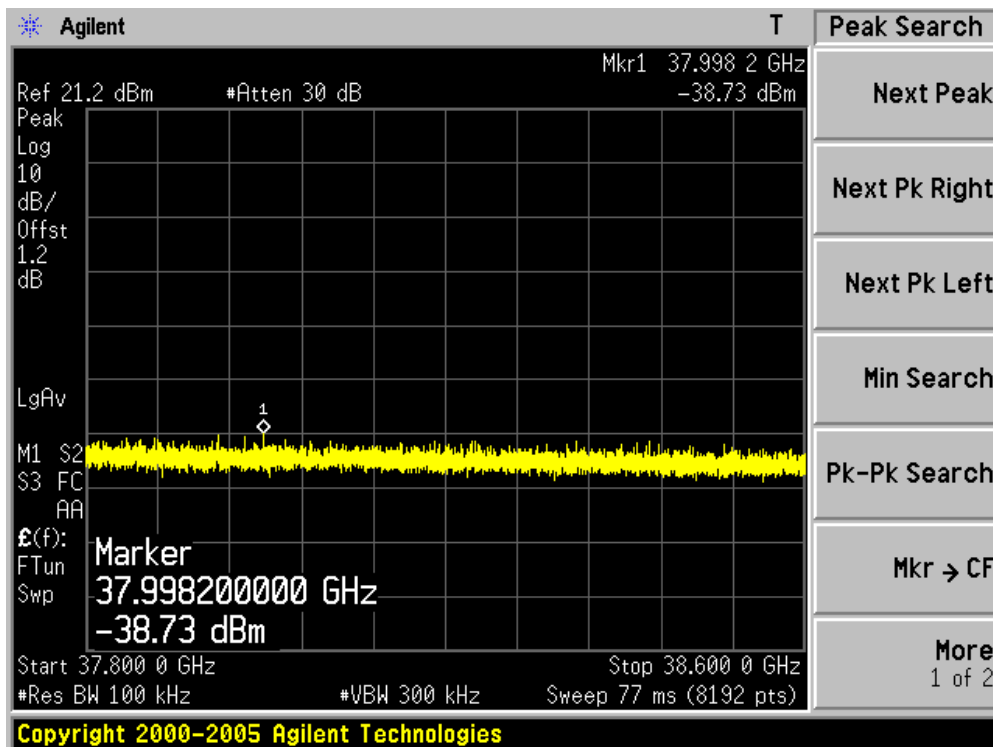
Channel 165 (5825MHz)-15



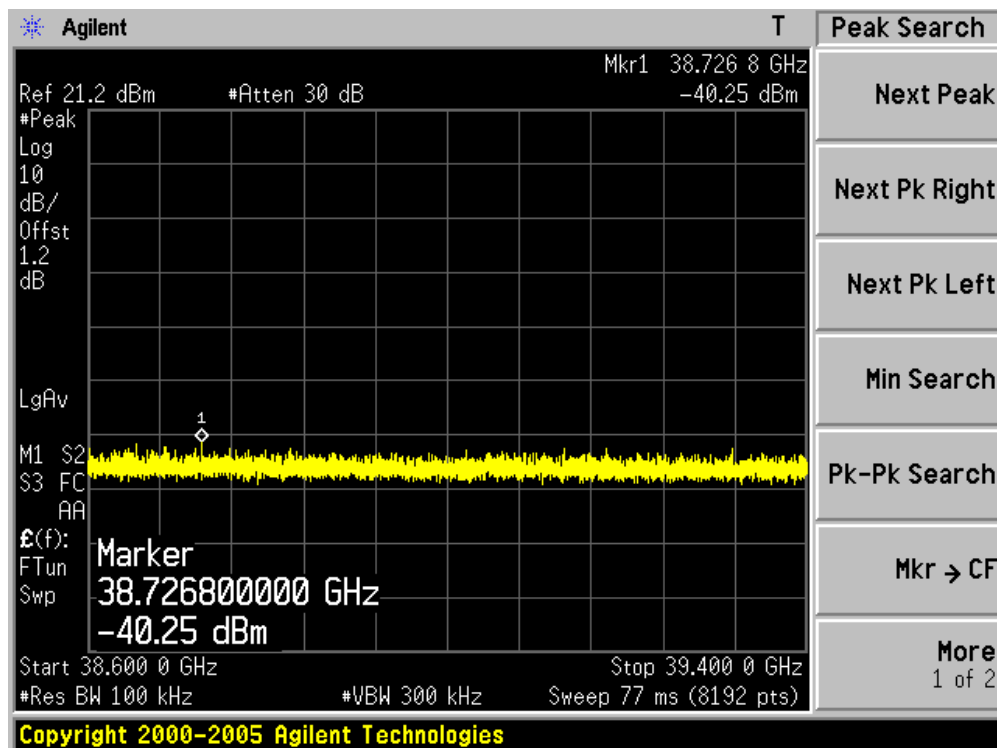
Channel 165 (5825MHz)-16



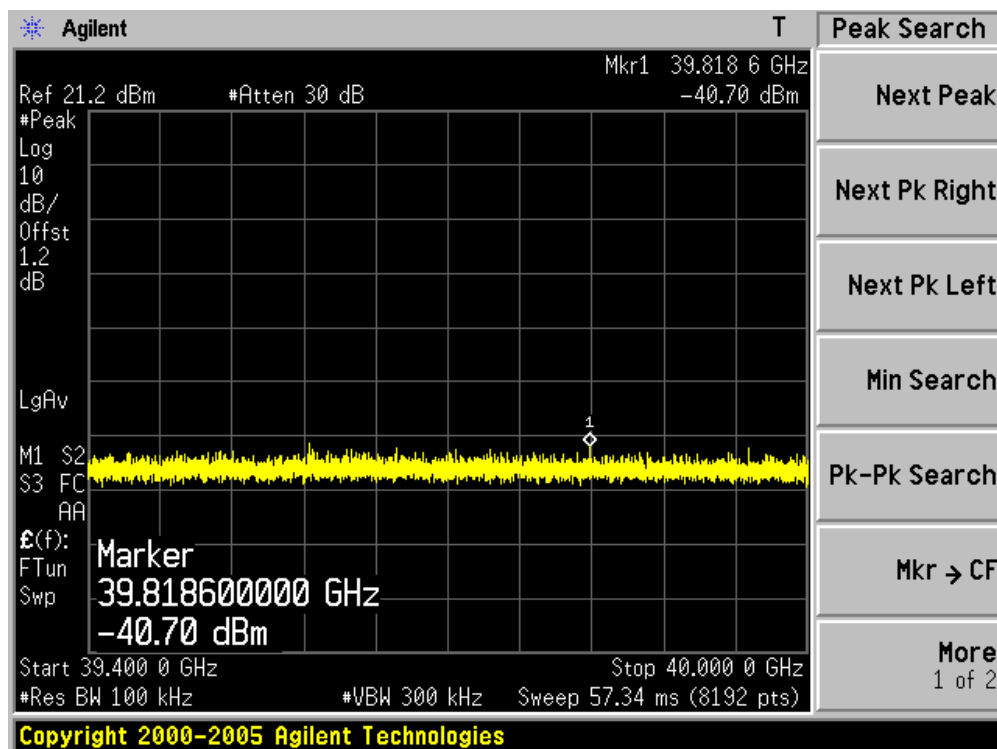
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

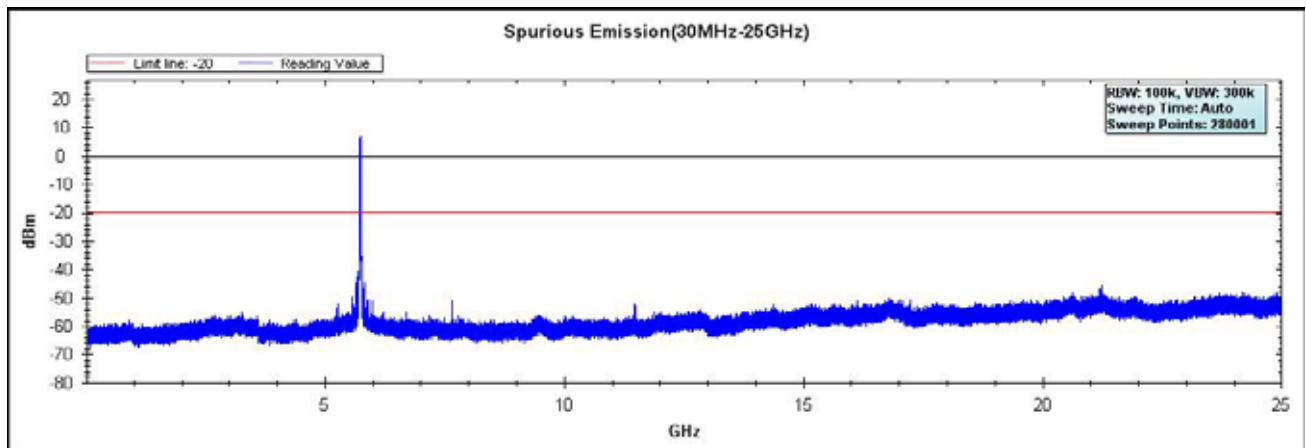


Channel 165 (5825MHz)-19

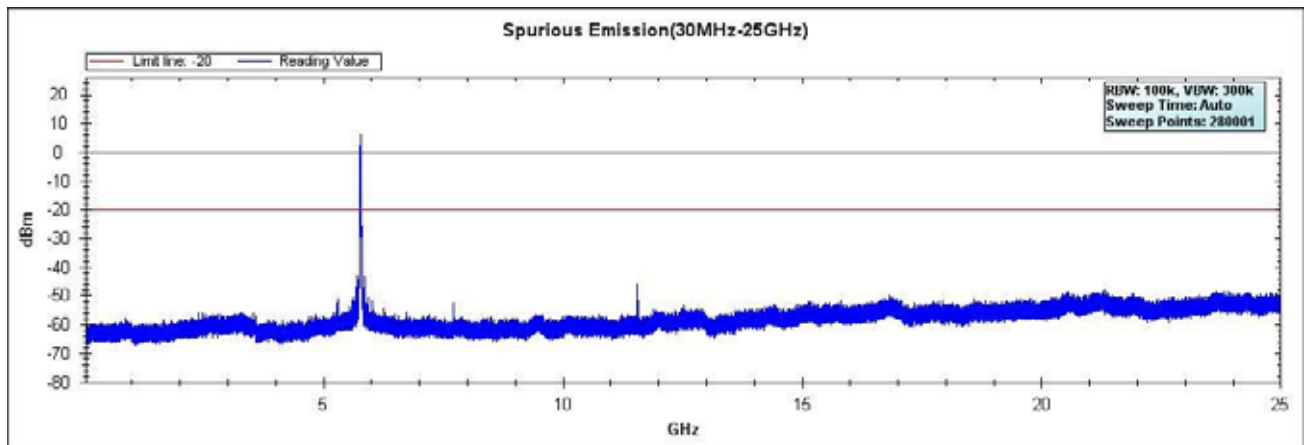


|           |   |                                             |
|-----------|---|---------------------------------------------|
| Product   | : | Mi Wi-Fi                                    |
| Test Item | : | RF Antenna Conducted Spurious               |
| Test Site | : | TR-8                                        |
| Test Mode | : | Mode 5: Transmit by 802.11ac(20MHz) (Ant 2) |

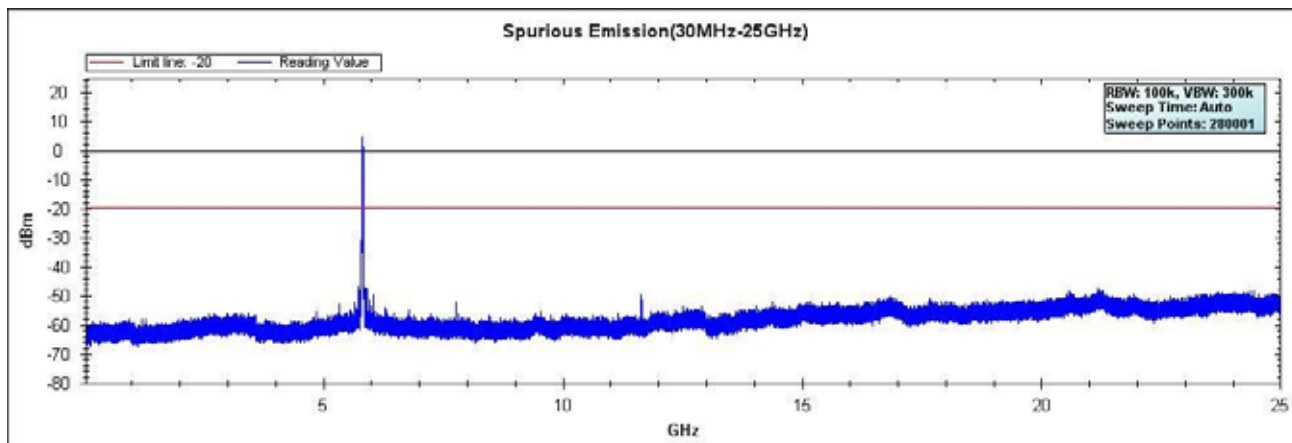
### Channel 149 (5745MHz)



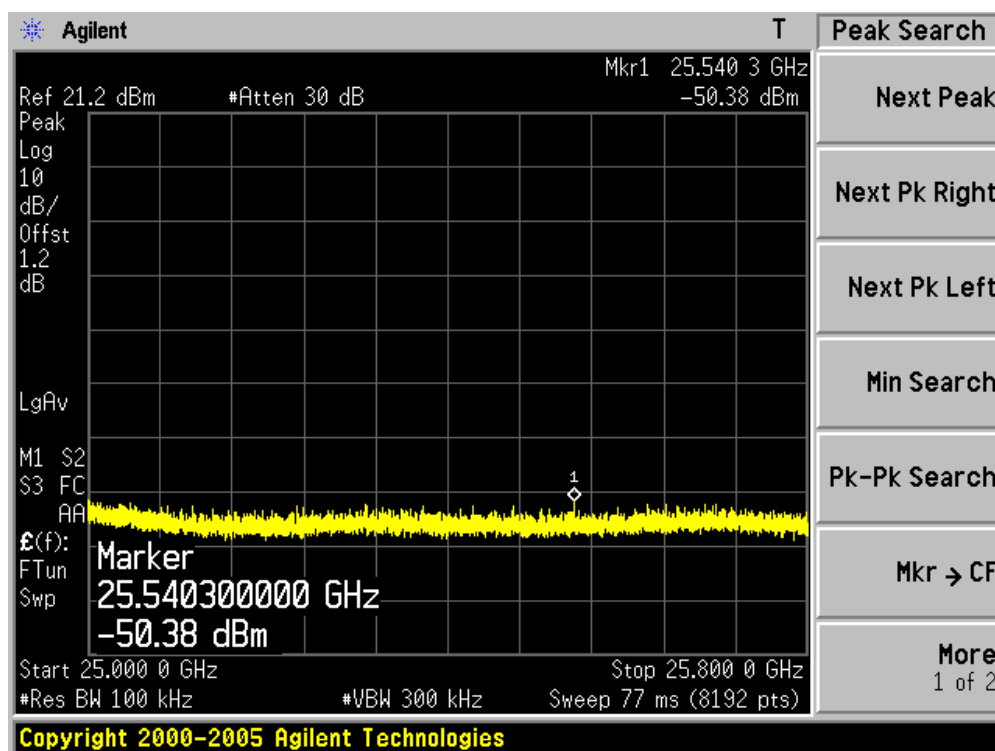
### Channel 157 (5785MHz)



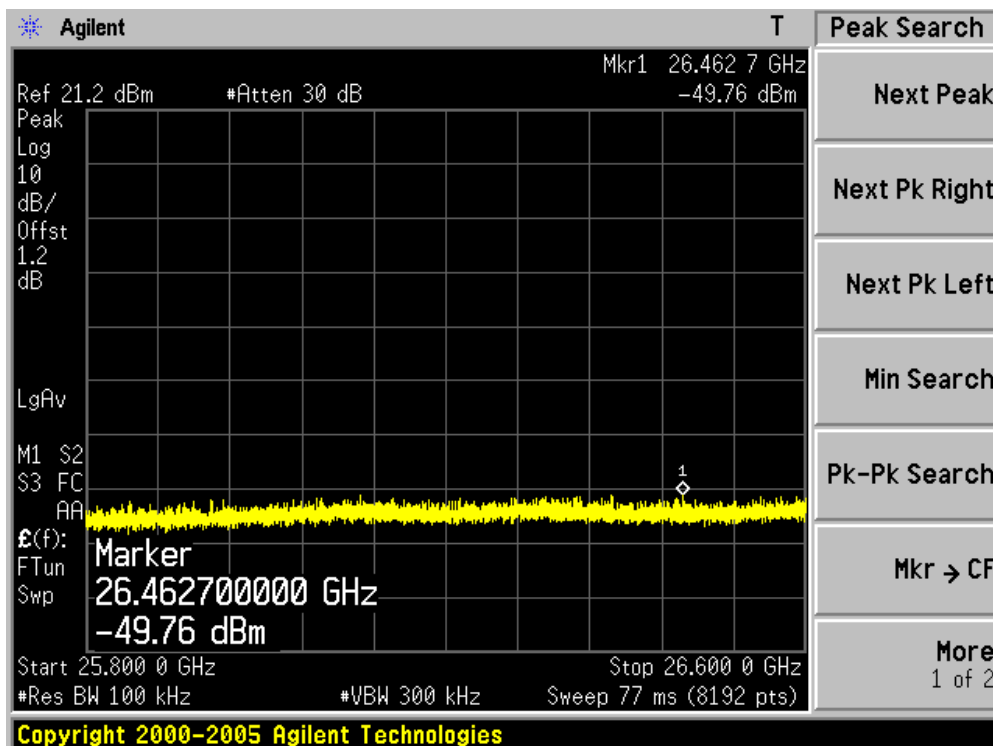
### Channel 165 (5825MHz)



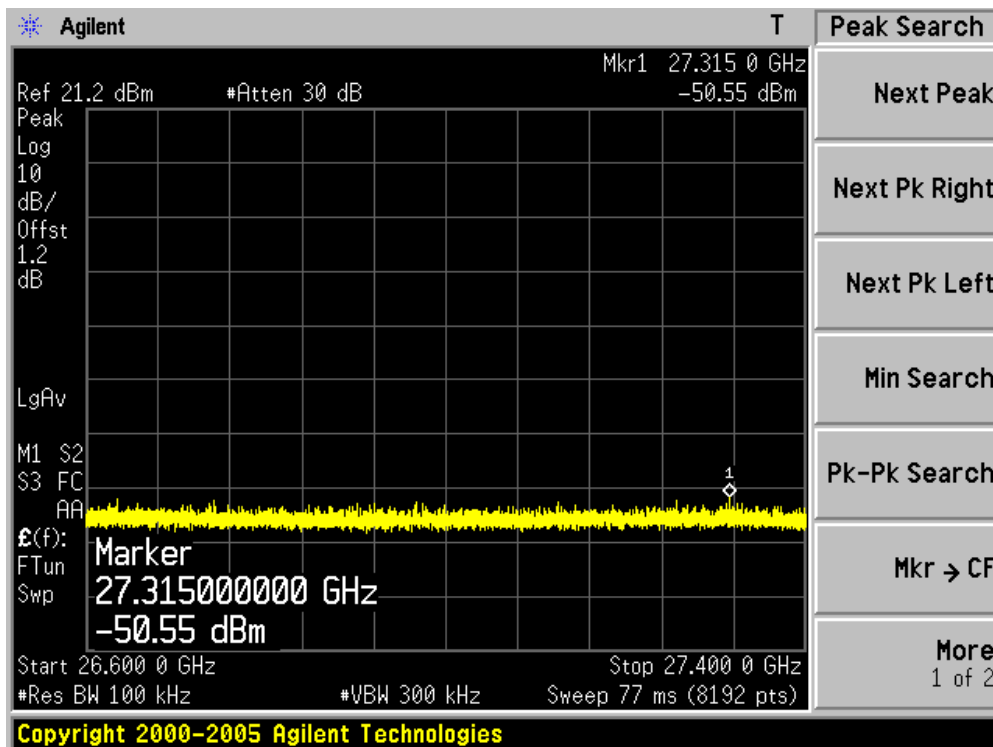
### Channel 149 (5745MHz)-1



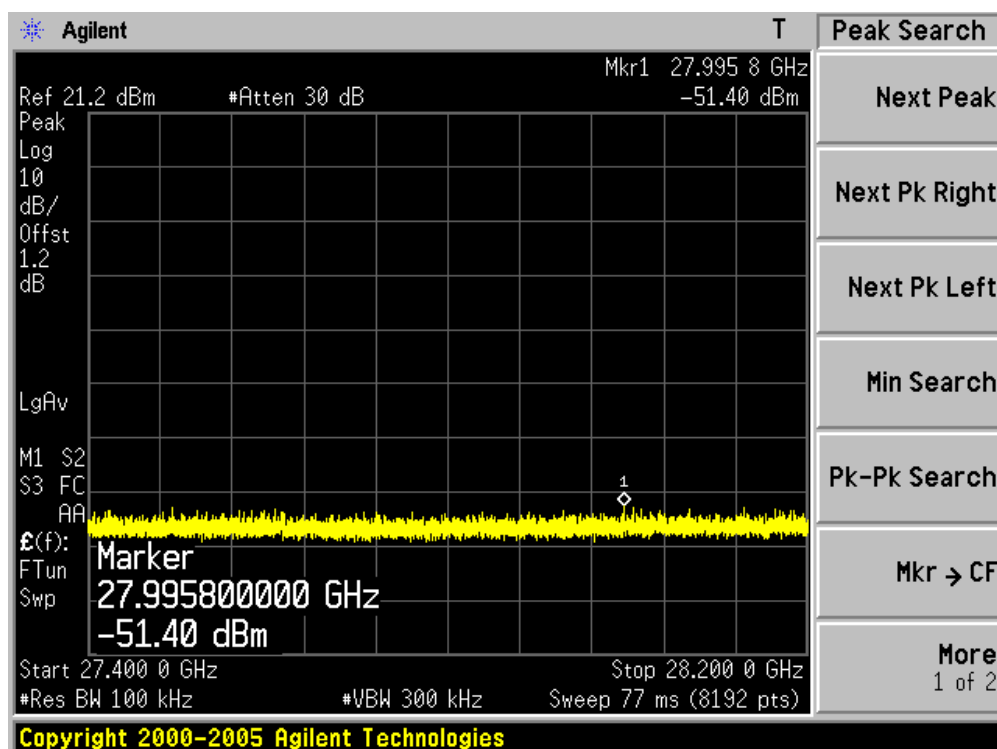
### Channel 149 (5745MHz)-2



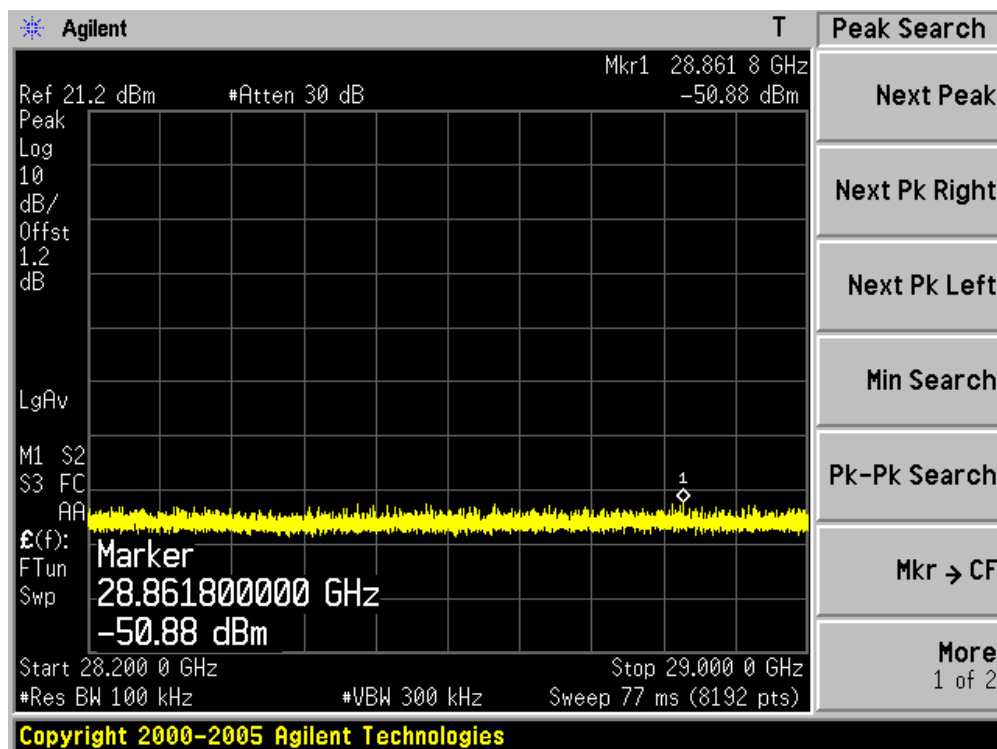
### Channel 149 (5745MHz)-3



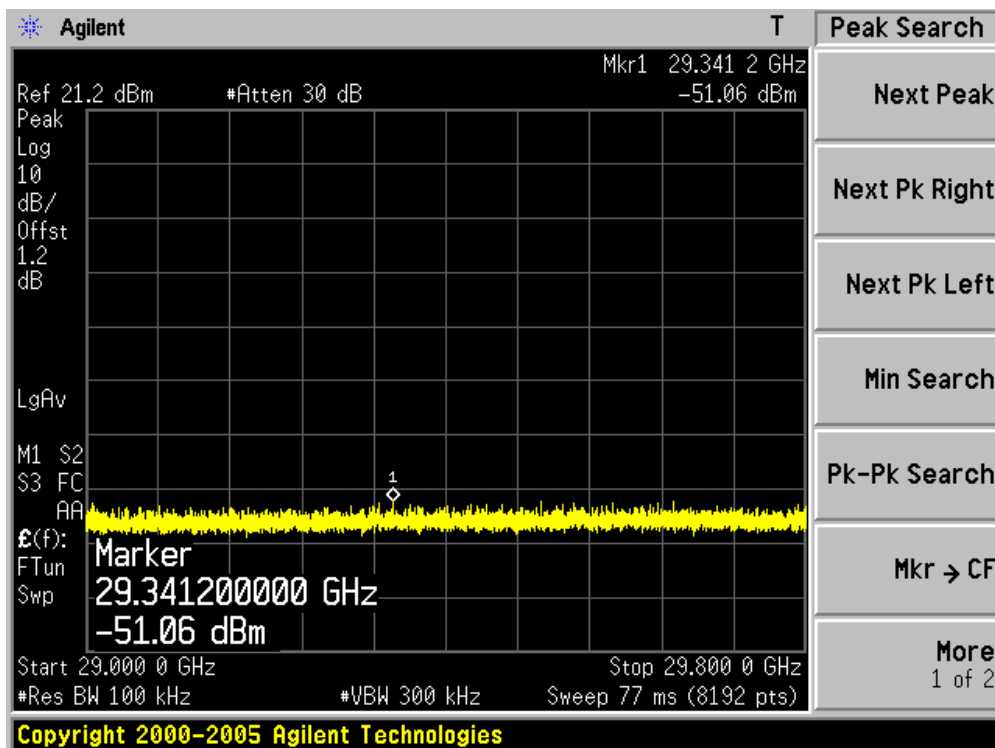
### Channel 149 (5745MHz)-4



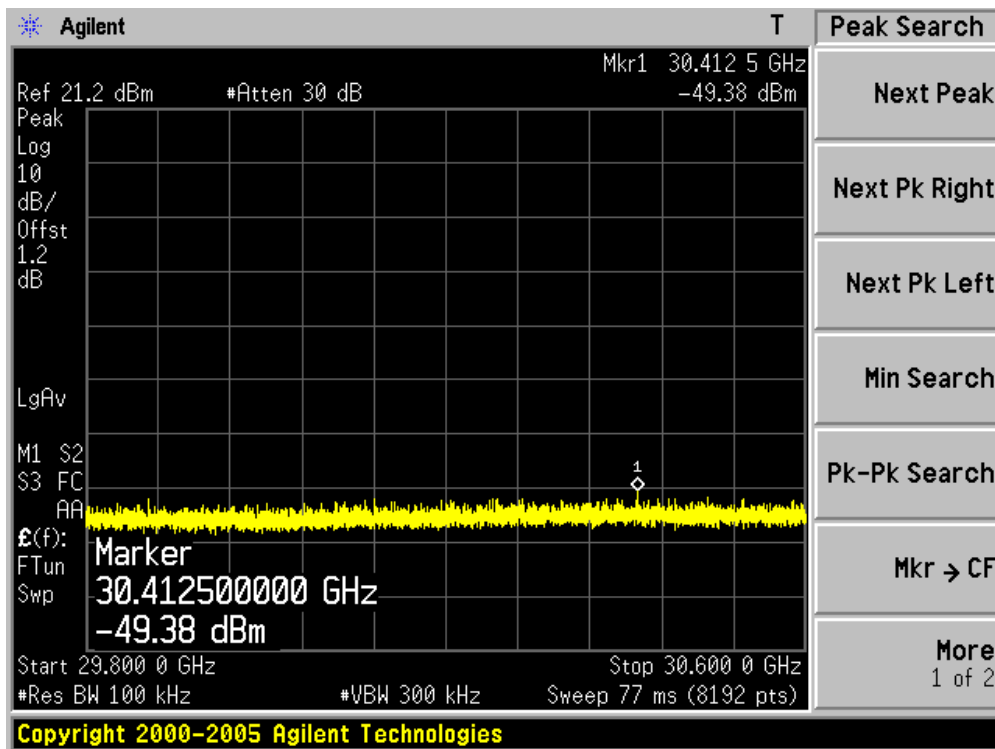
### Channel 149 (5745MHz)-5



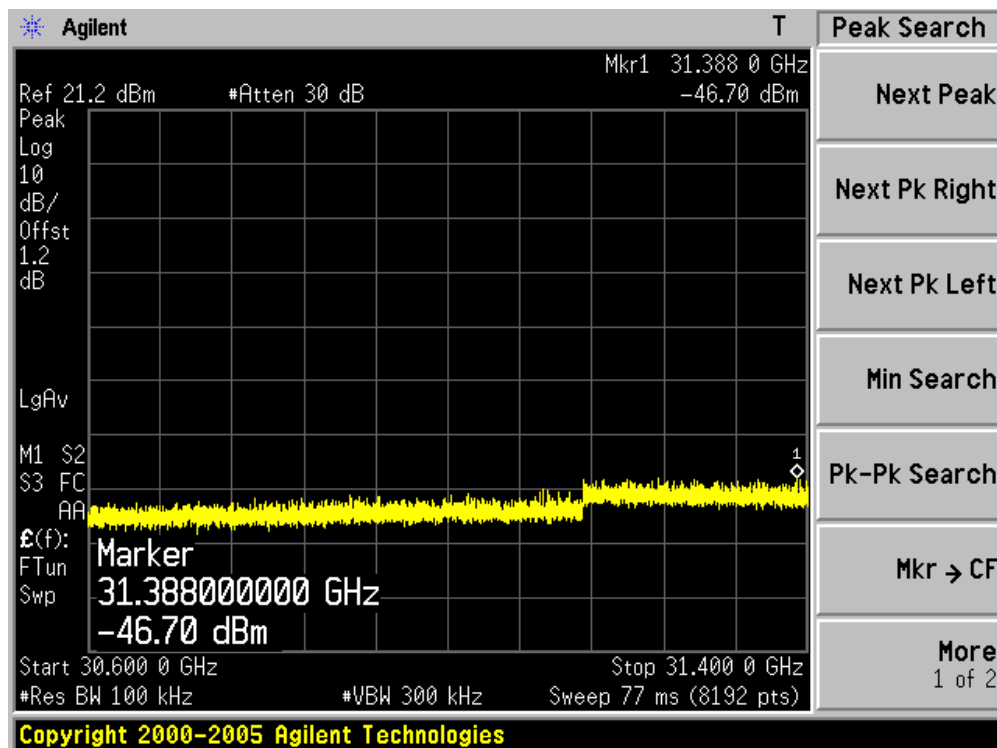
Channel 149 (5745MHz)-6



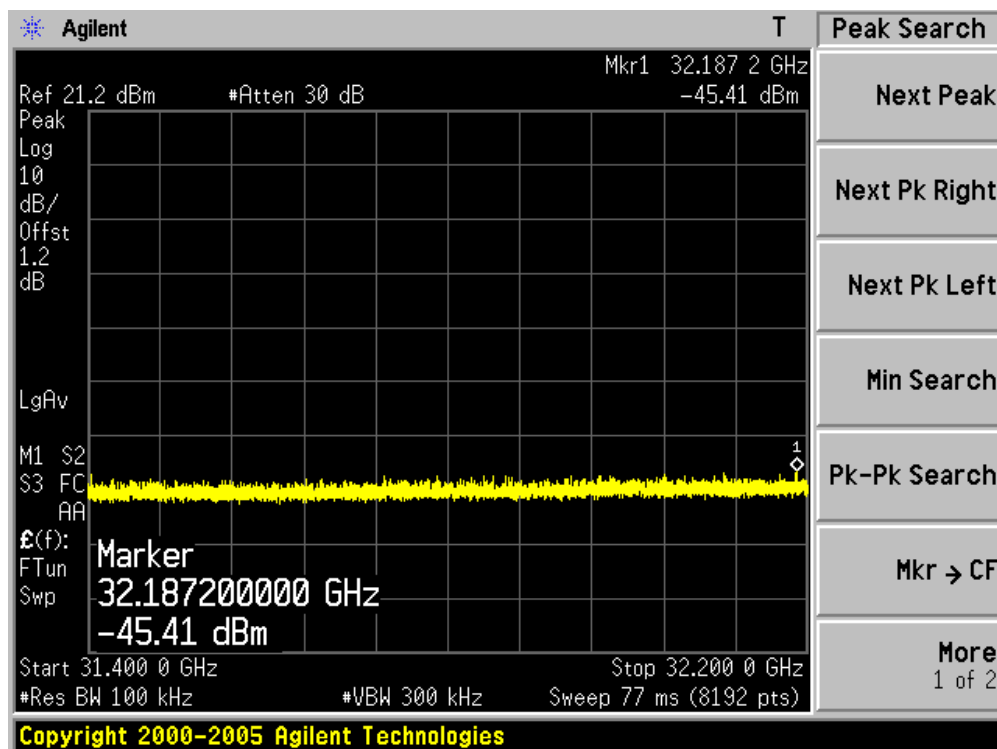
Channel 149 (5745MHz)-7



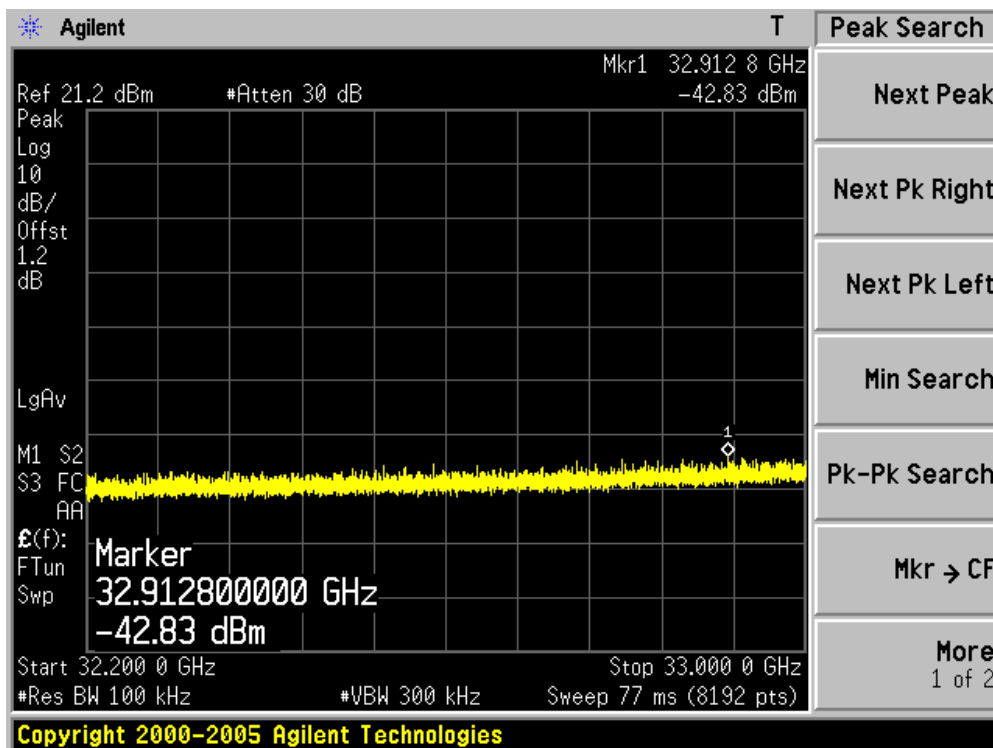
Channel 149 (5745MHz)-8



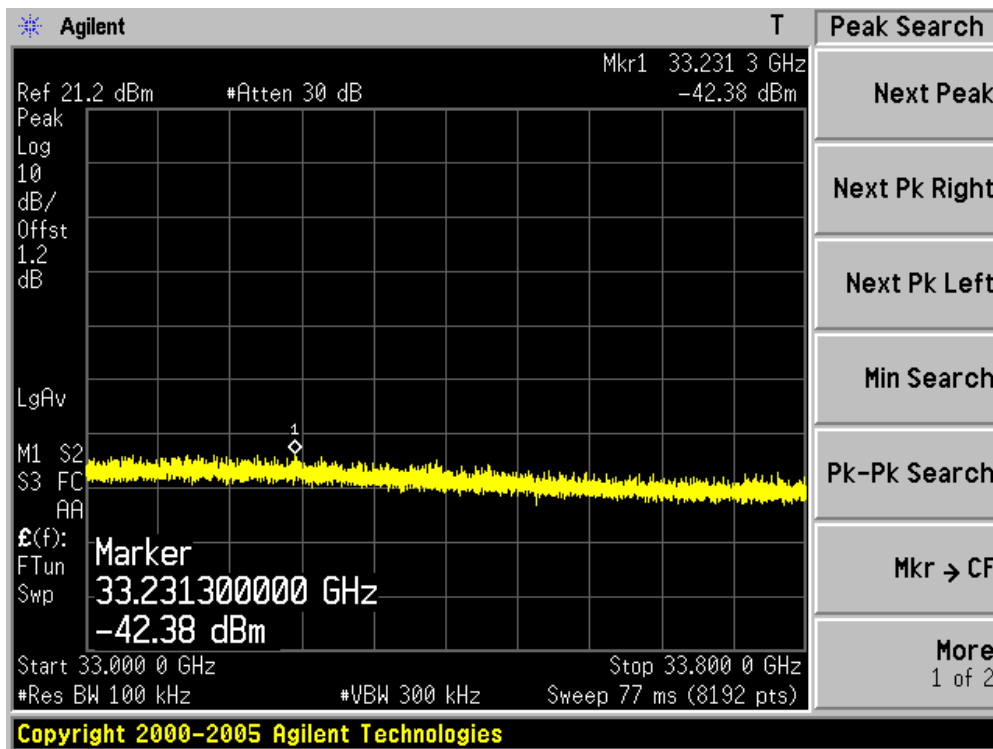
Channel 149 (5745MHz)-9



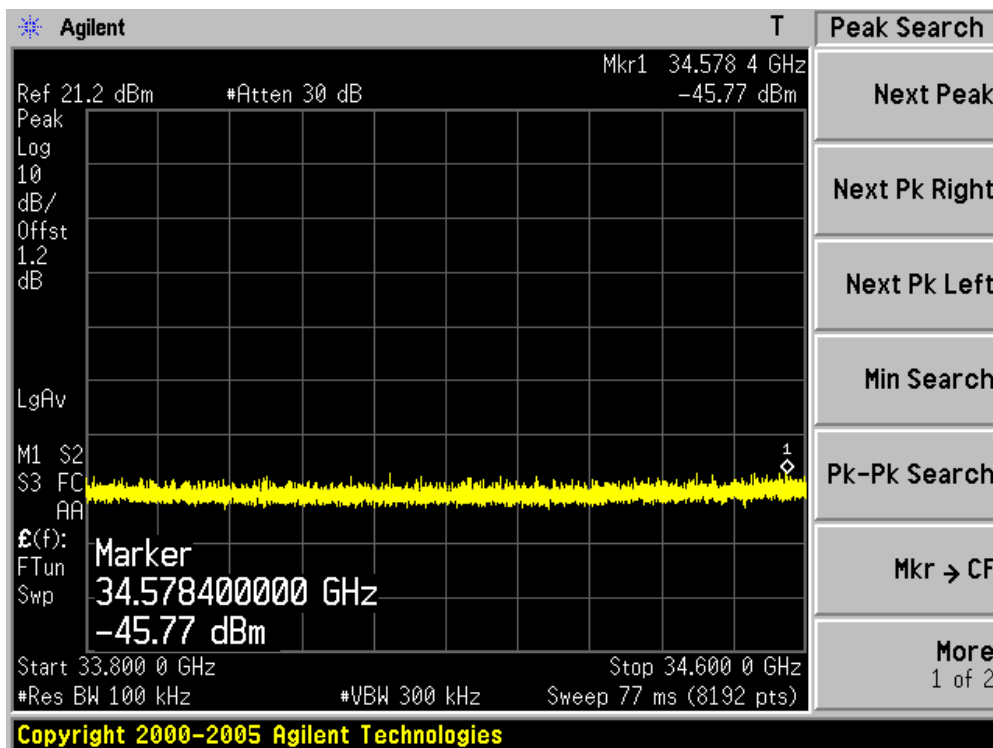
Channel 149 (5745MHz)-10



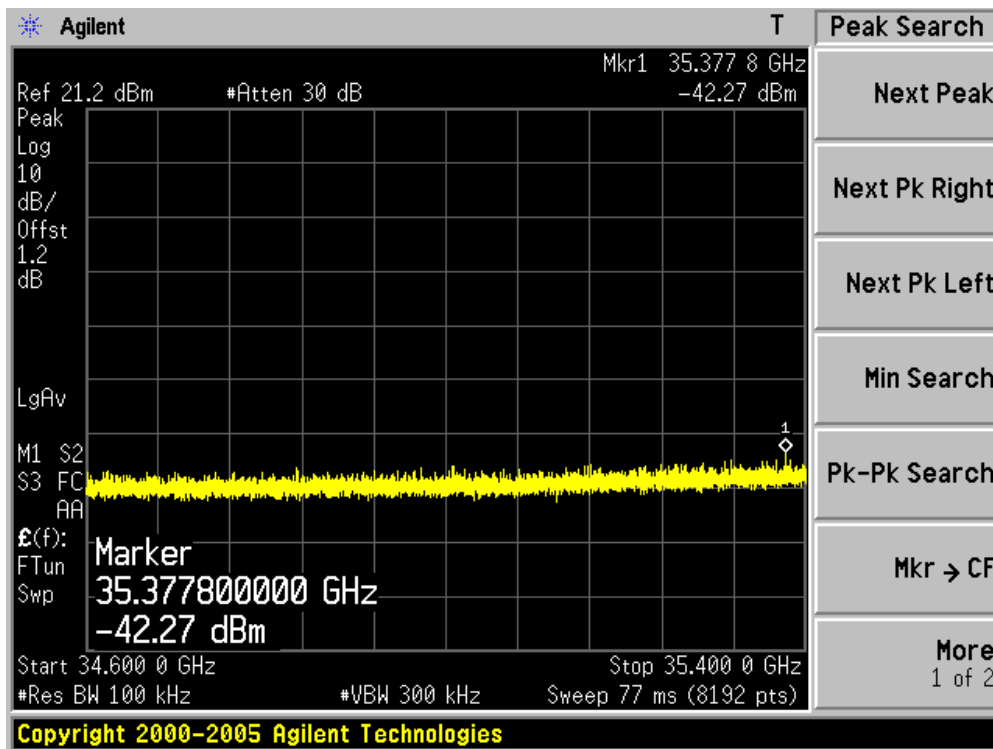
Channel 149 (5745MHz)-11



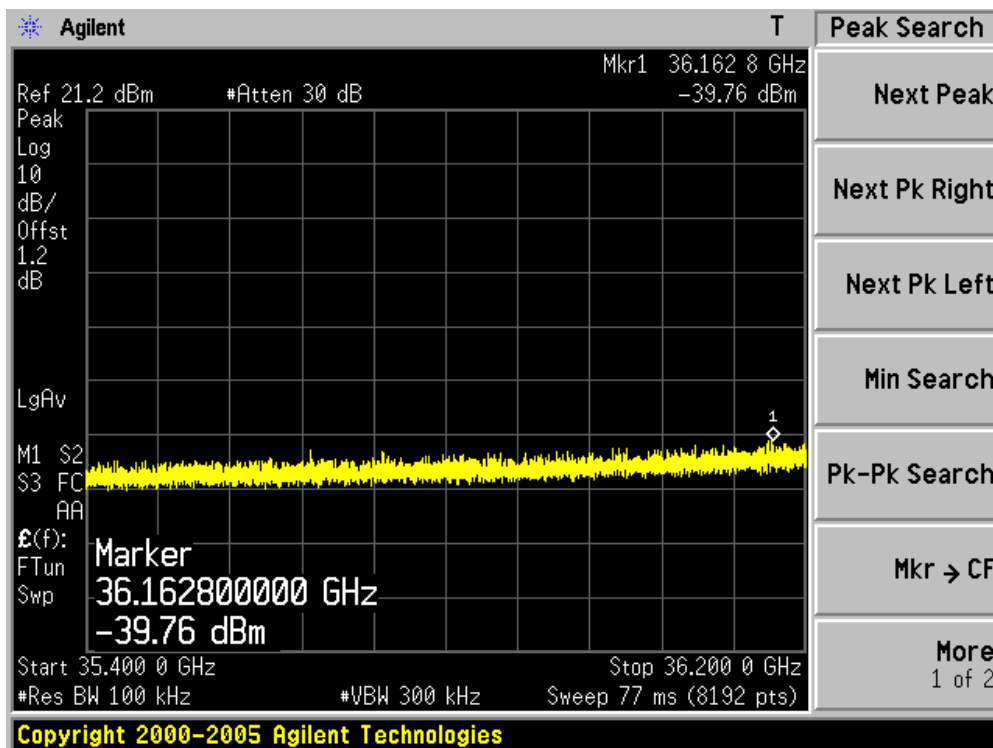
Channel 149 (5745MHz)-12



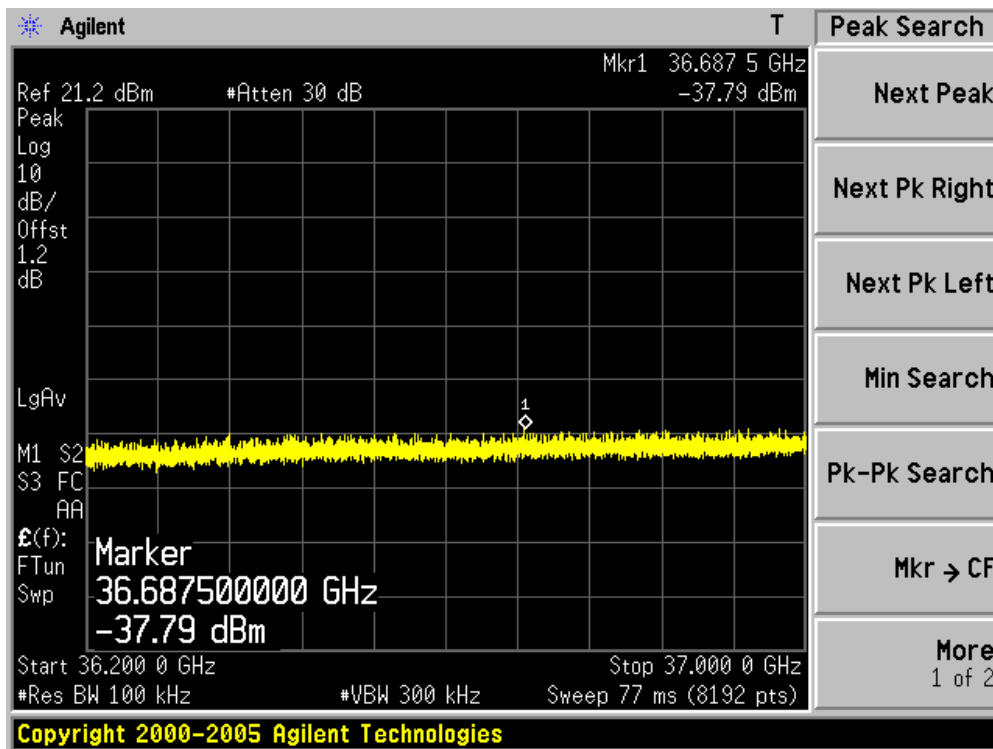
Channel 149 (5745MHz)-13



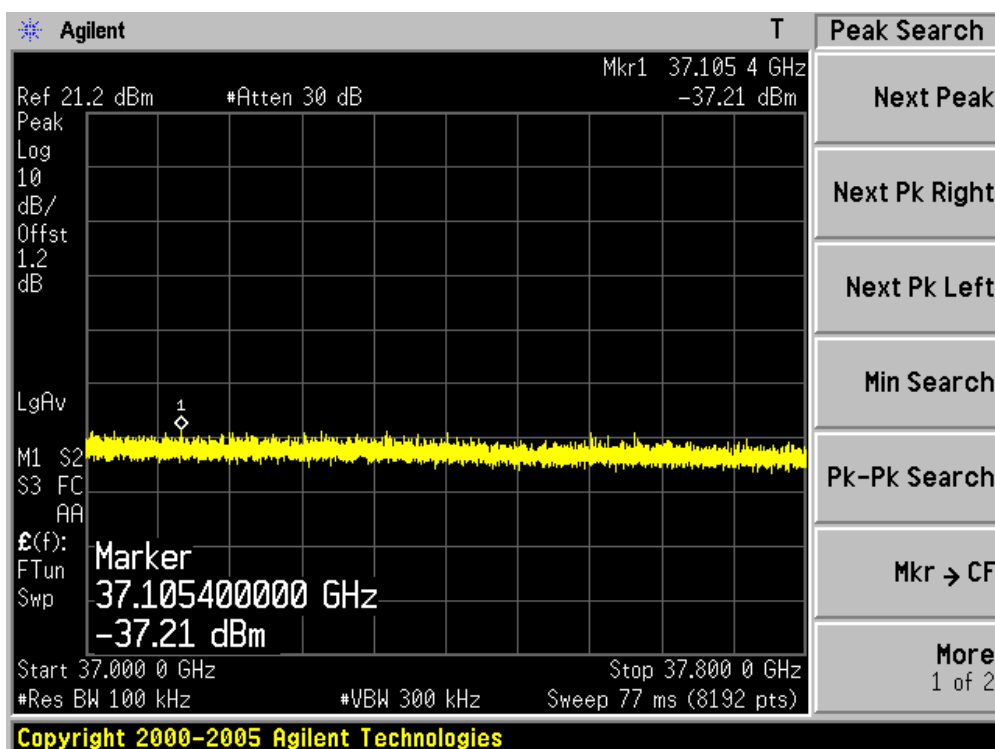
Channel 149 (5745MHz)-14



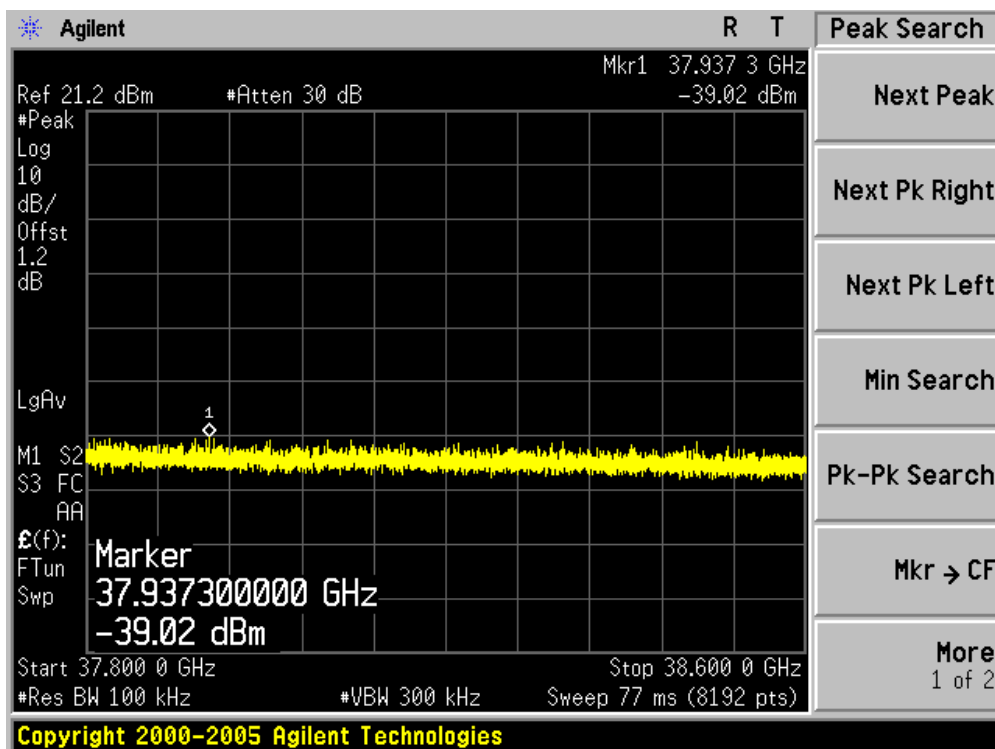
Channel 149 (5745MHz)-15



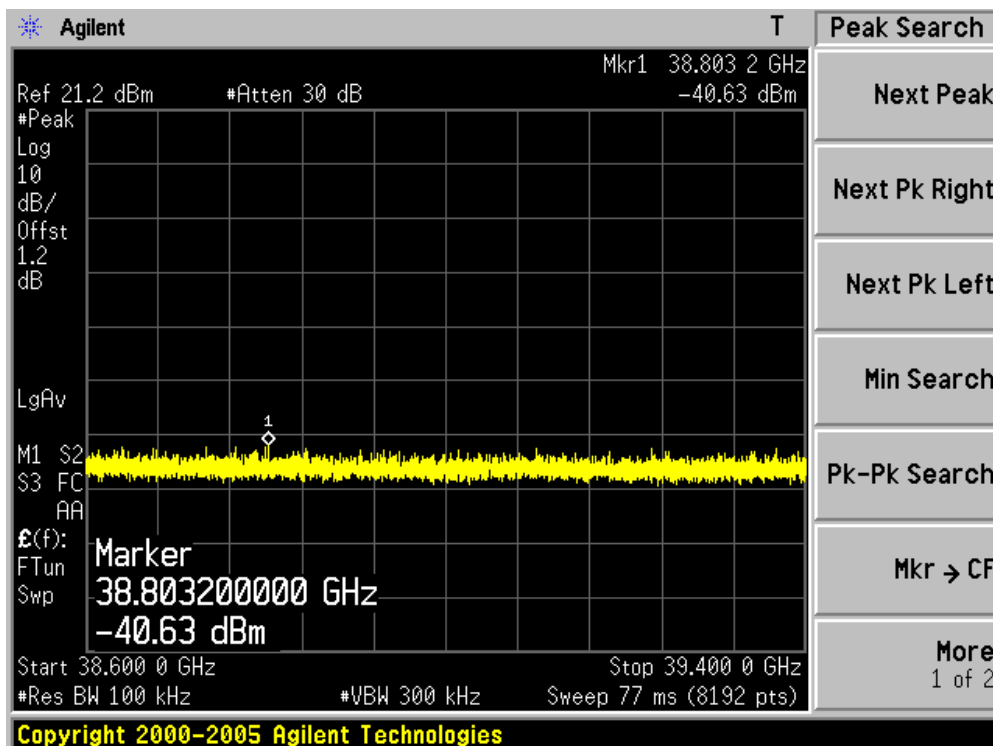
### Channel 149 (5745MHz)-16



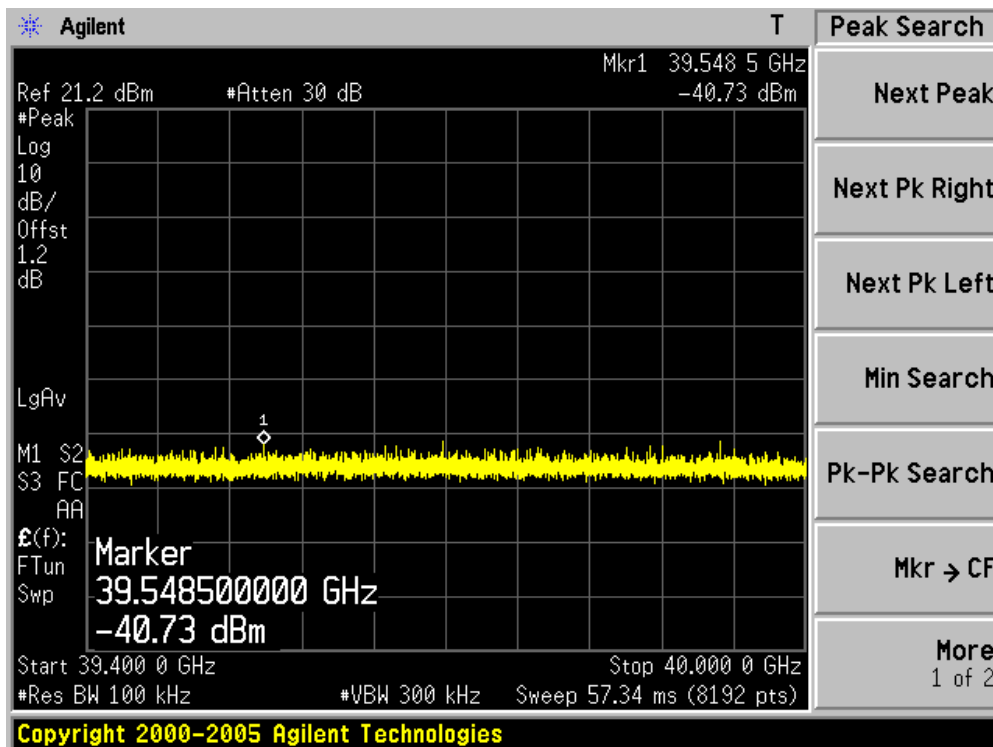
### Channel 149 (5745MHz)-17



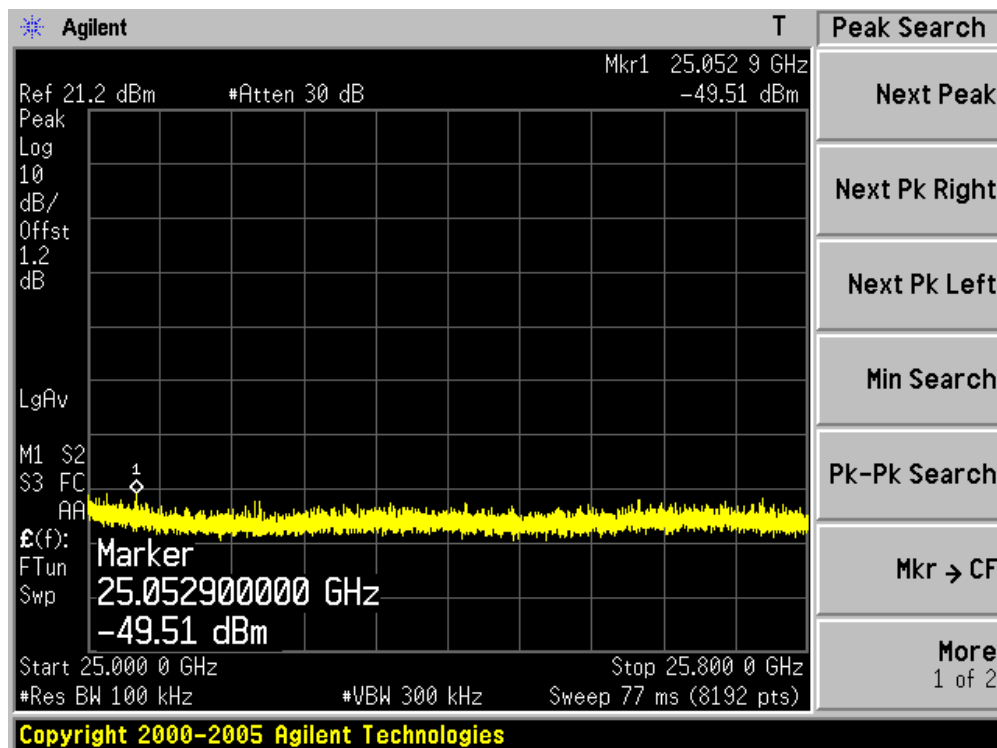
Channel 149 (5745MHz)-18



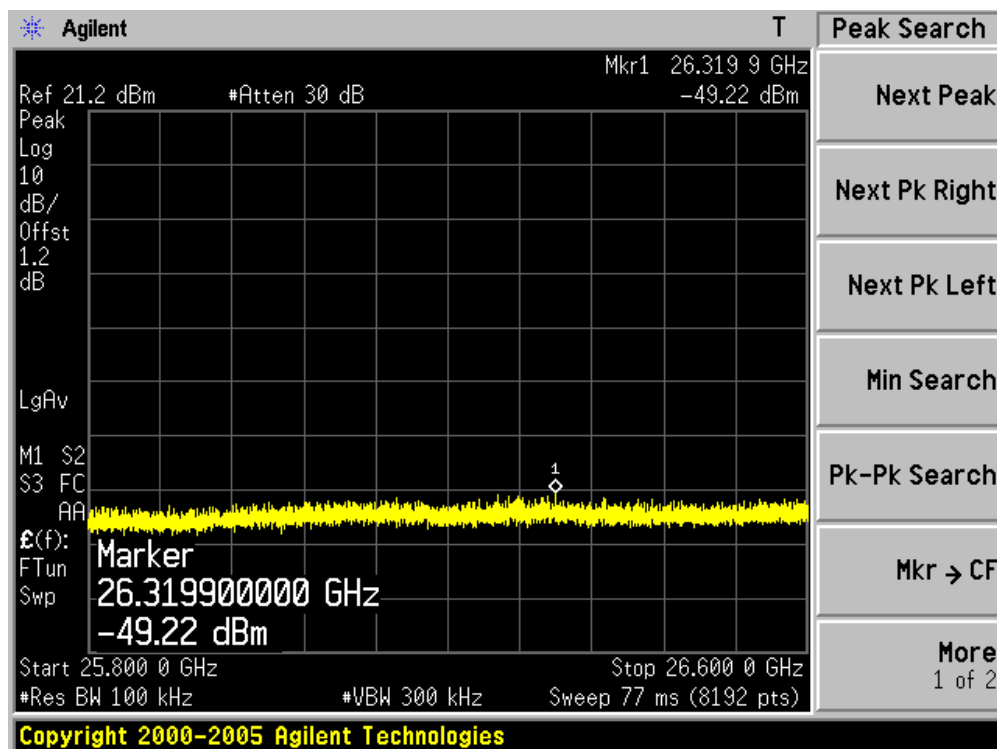
Channel 149 (5745MHz)-19



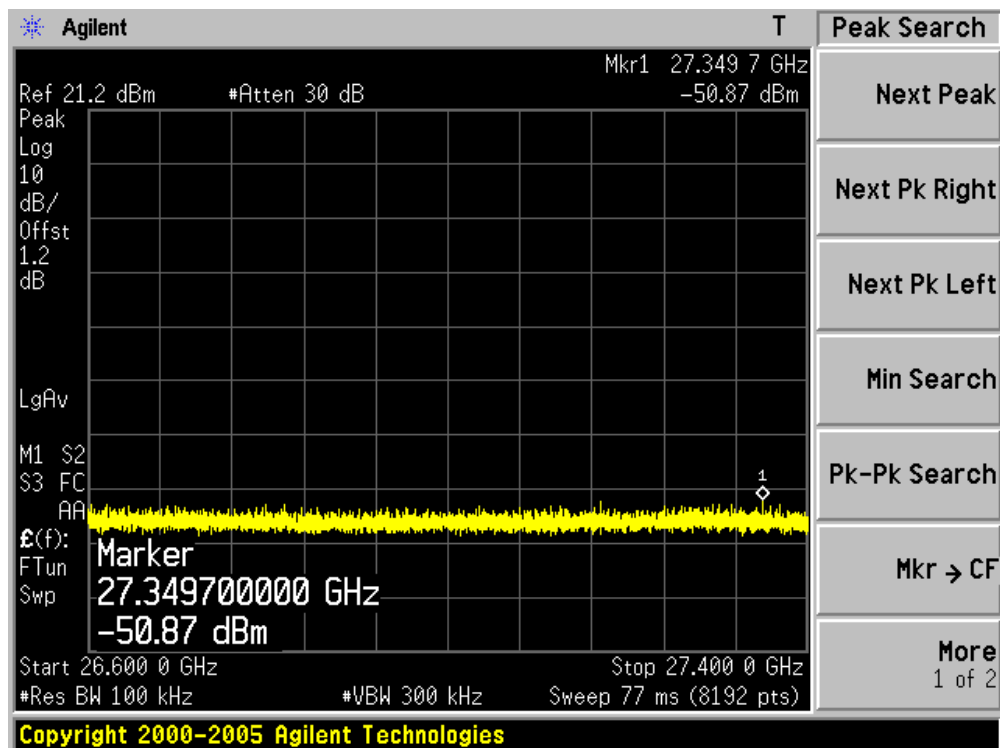
### Channel 157 (5785MHz)-1



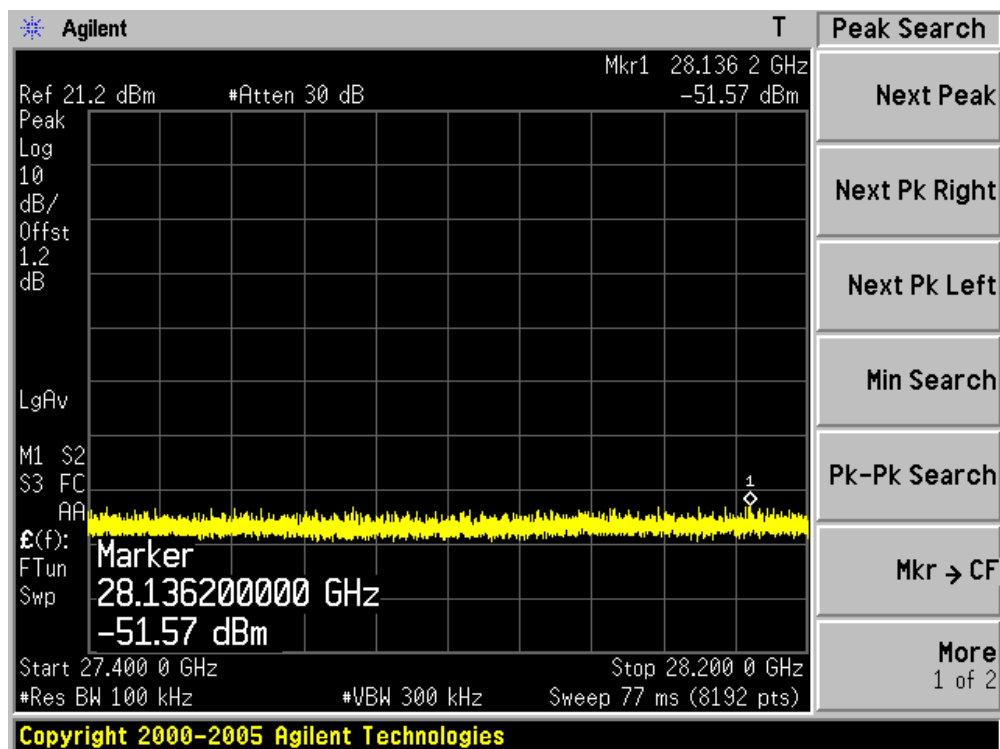
### Channel 157 (5785MHz)-2



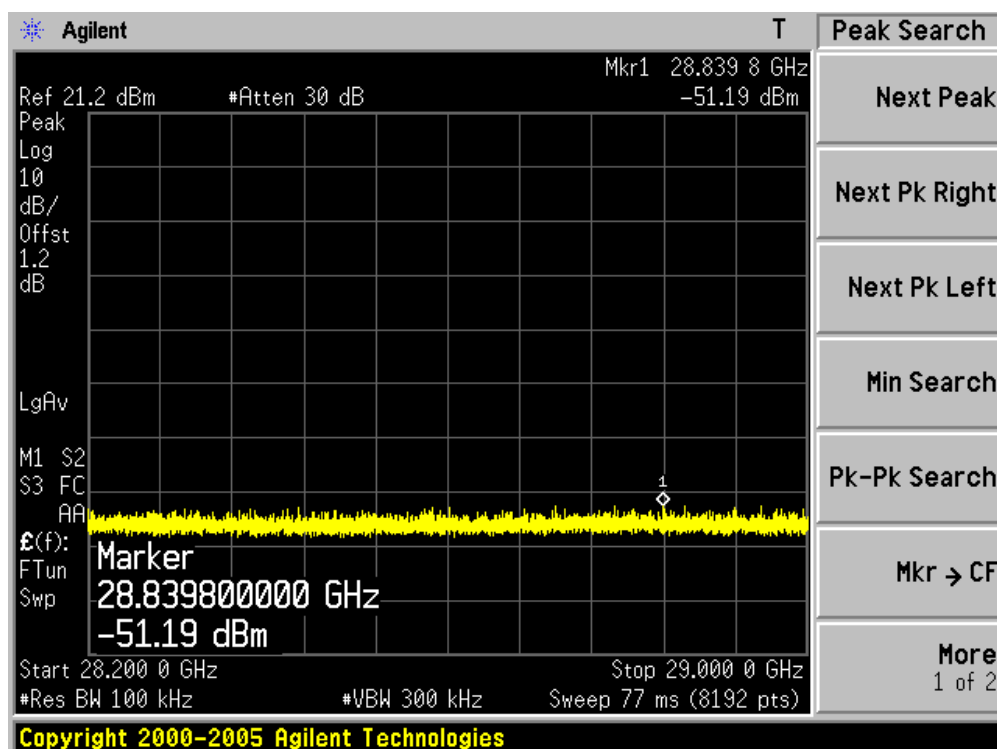
### Channel 157 (5785MHz)-3



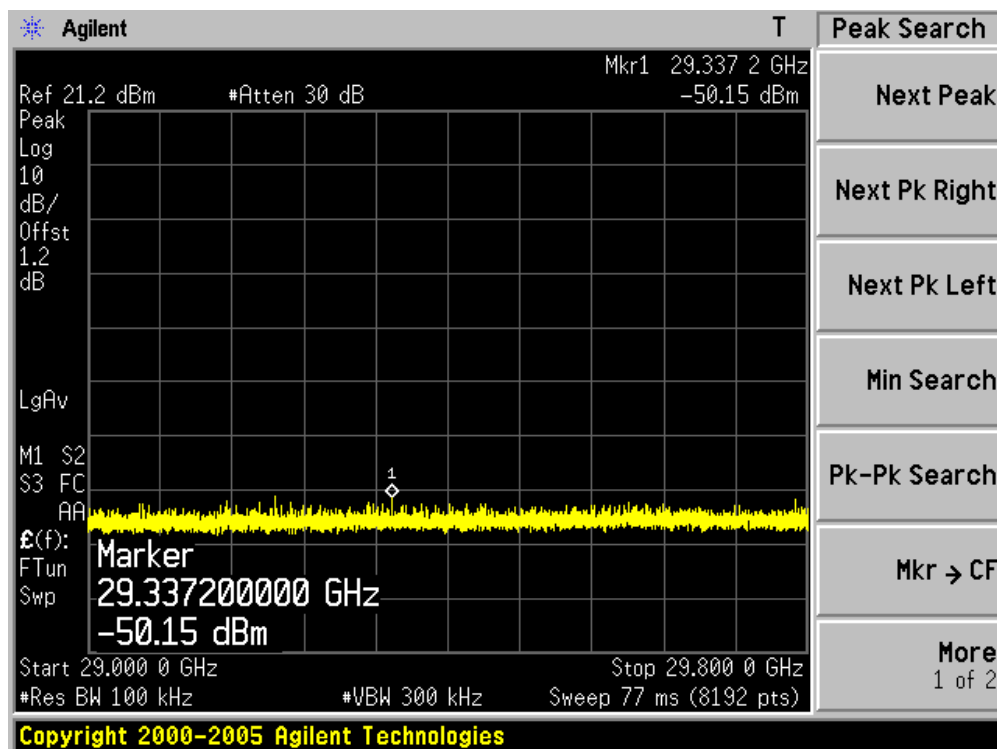
### Channel 157 (5785MHz)-4



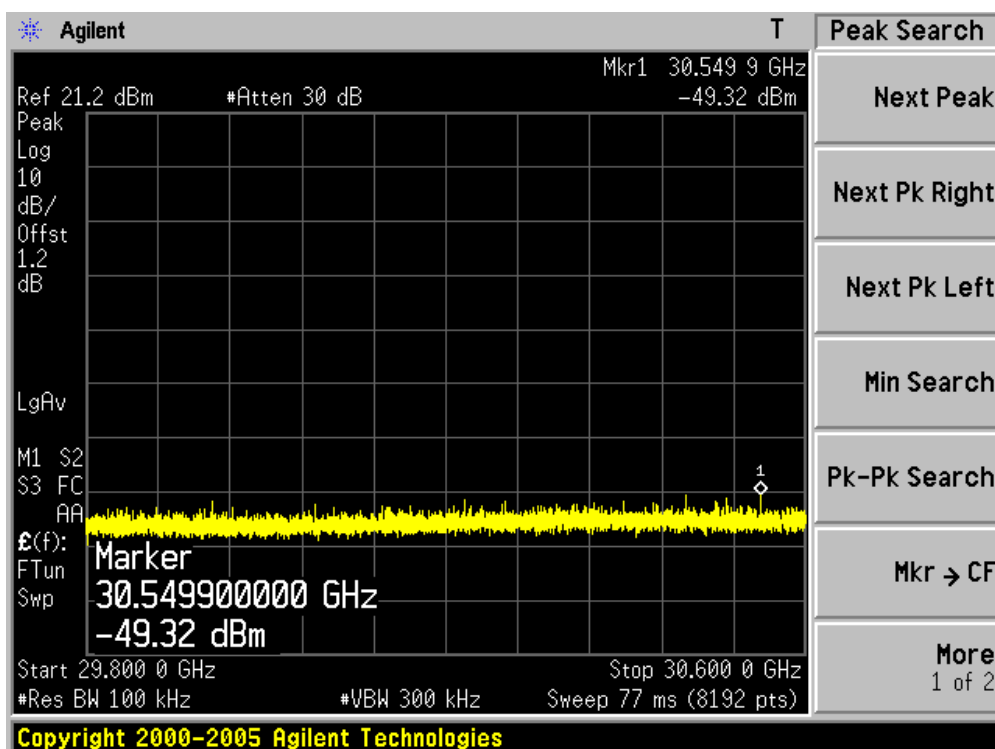
### Channel 157 (5785MHz)-5



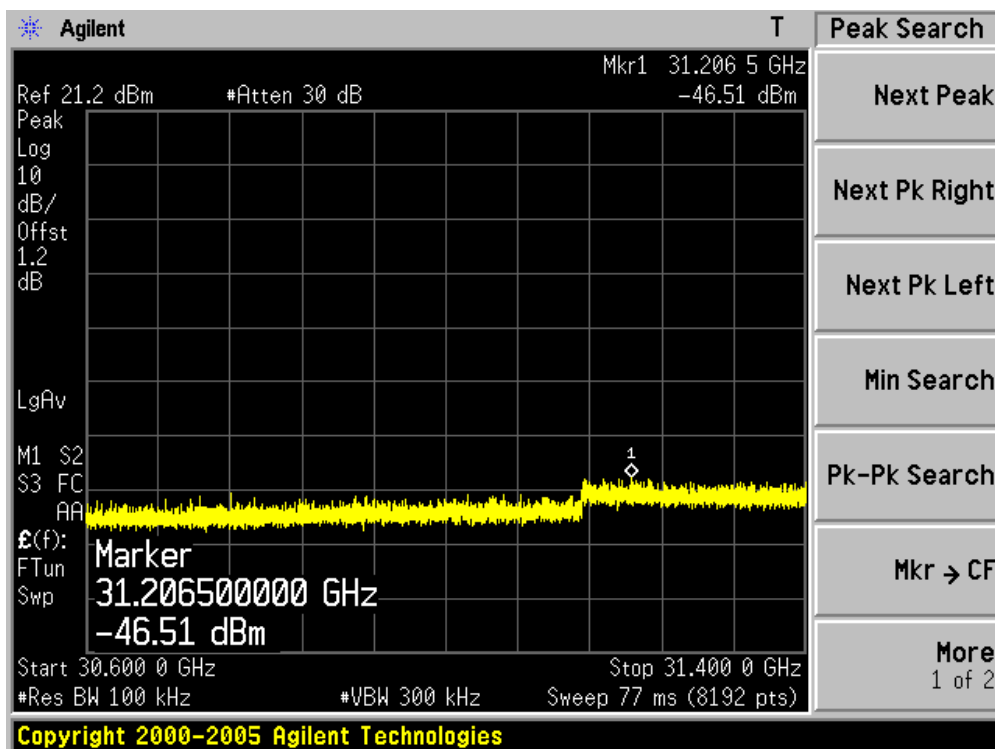
### Channel 157 (5785MHz)-6



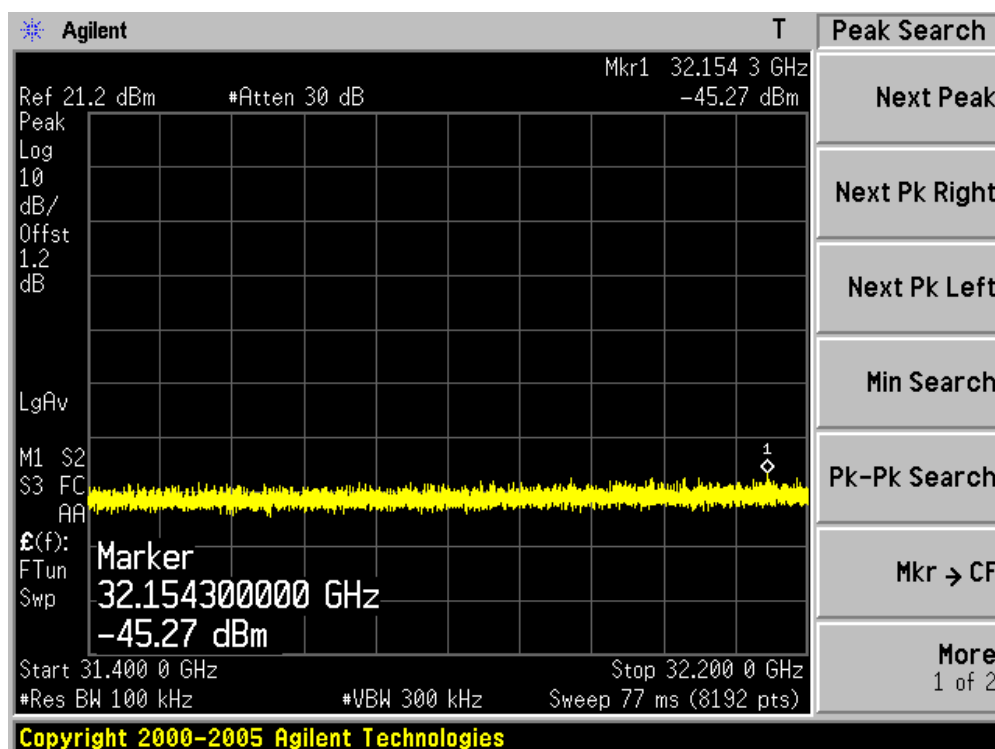
### Channel 157 (5785MHz)-7



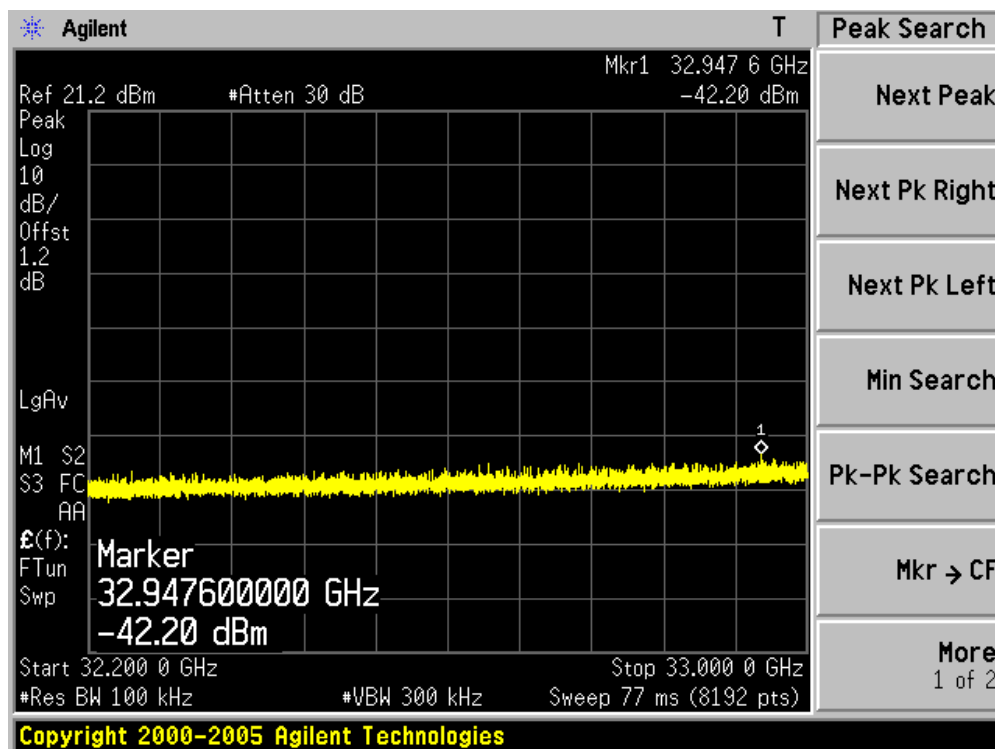
### Channel 157 (5785MHz)-8



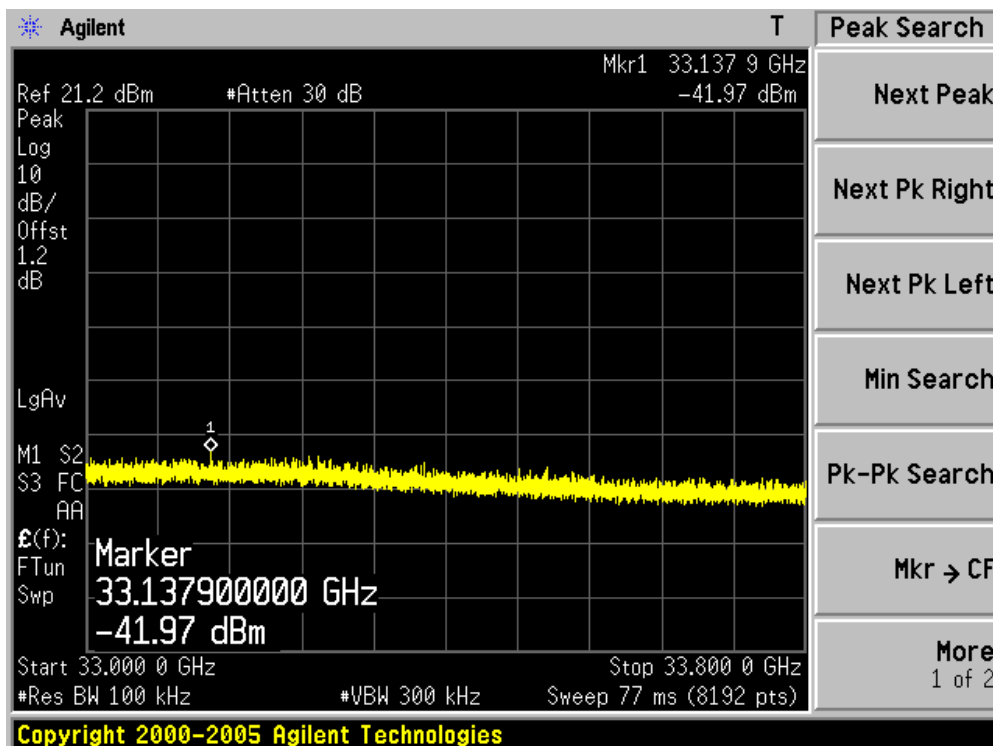
### Channel 157 (5785MHz)-9



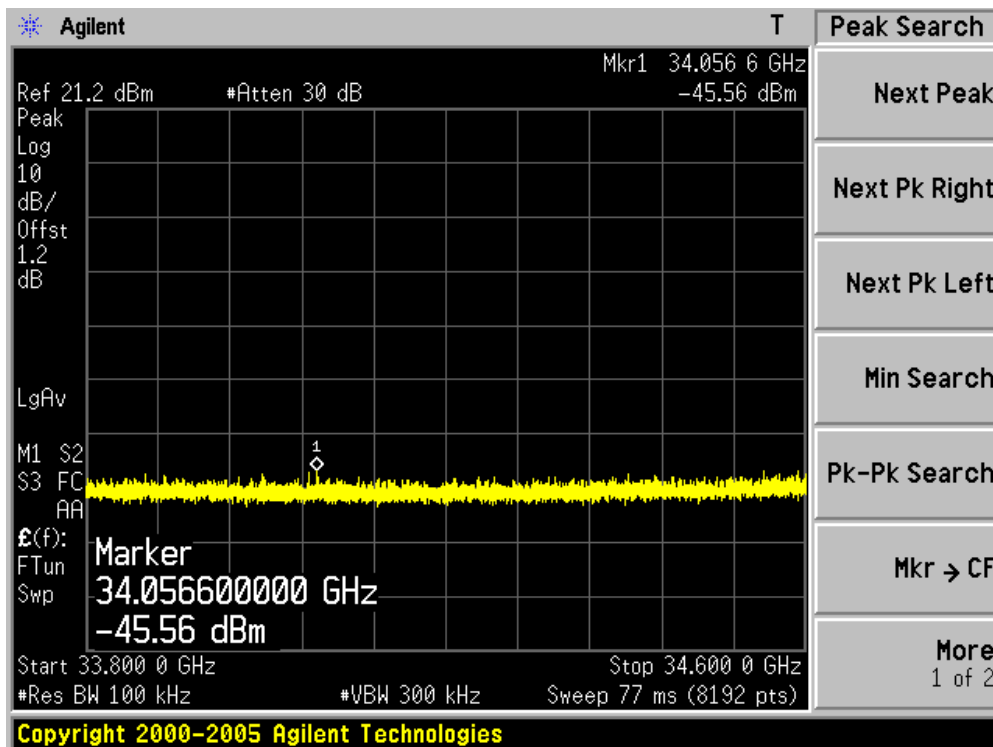
### Channel 157 (5785MHz)-10



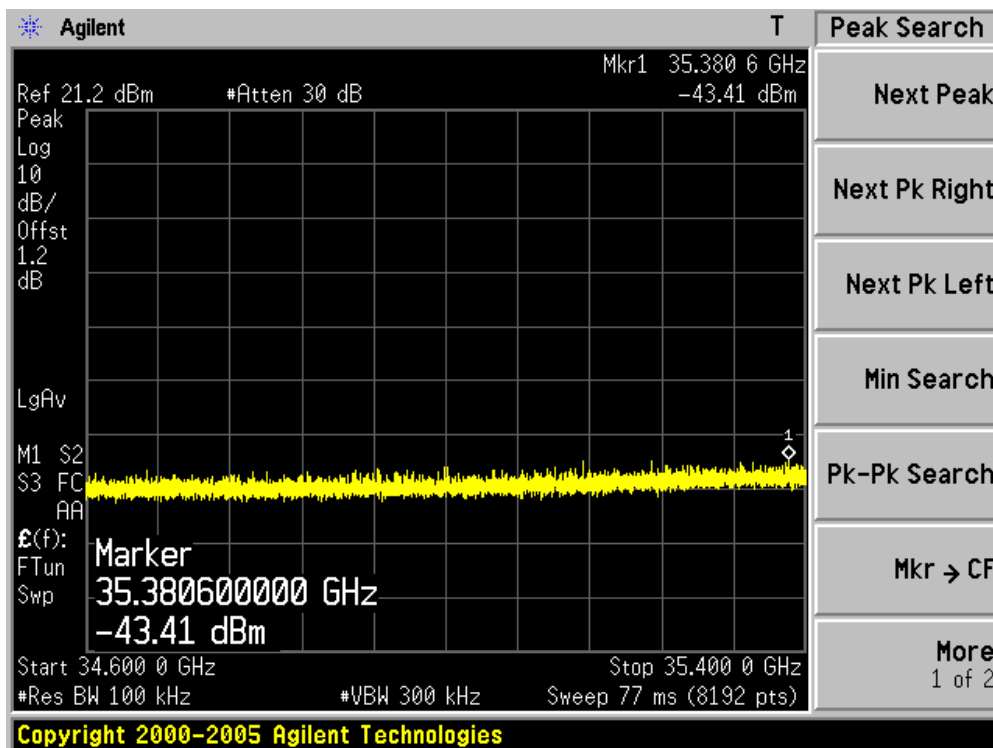
### Channel 157 (5785MHz)-11



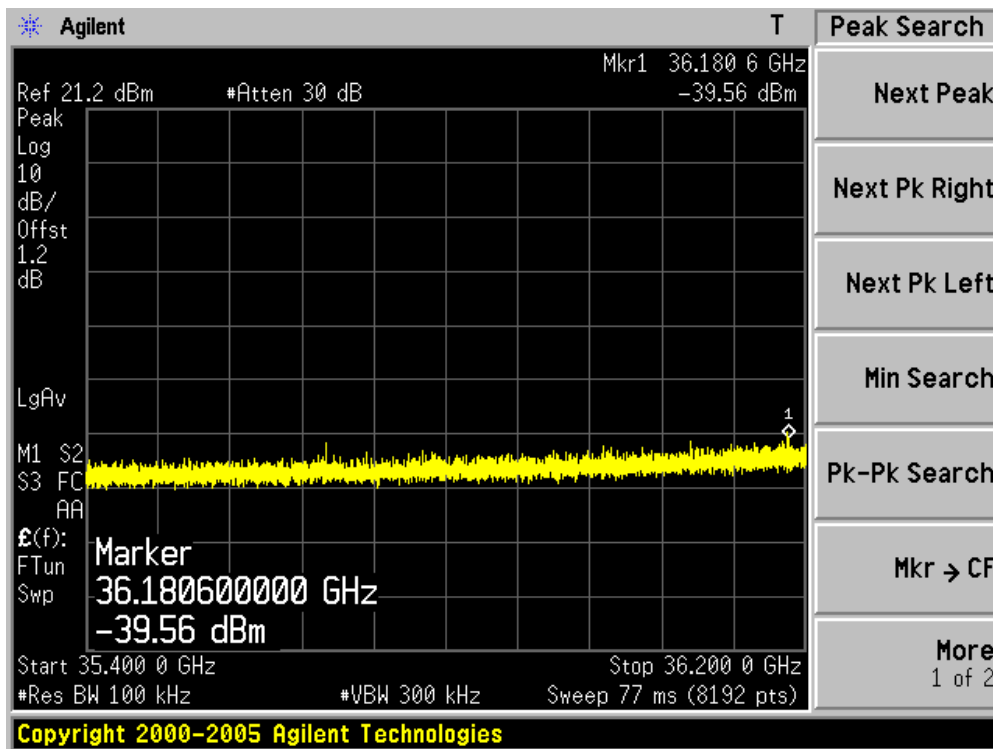
### Channel 157 (5785MHz)-12



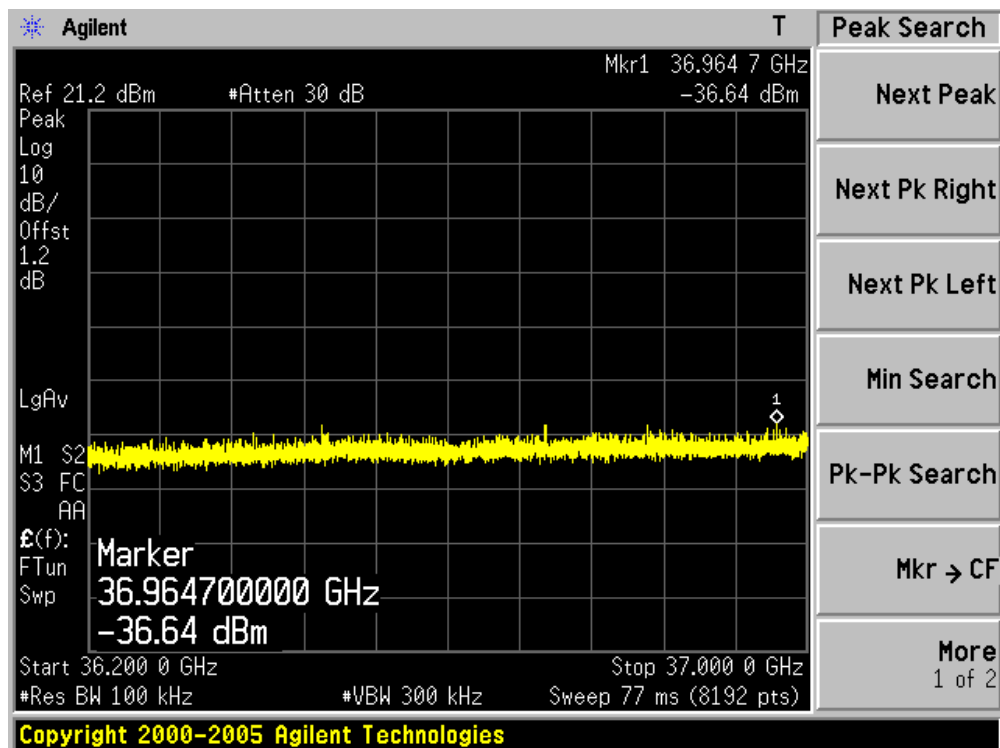
Channel 157 (5785MHz)-13



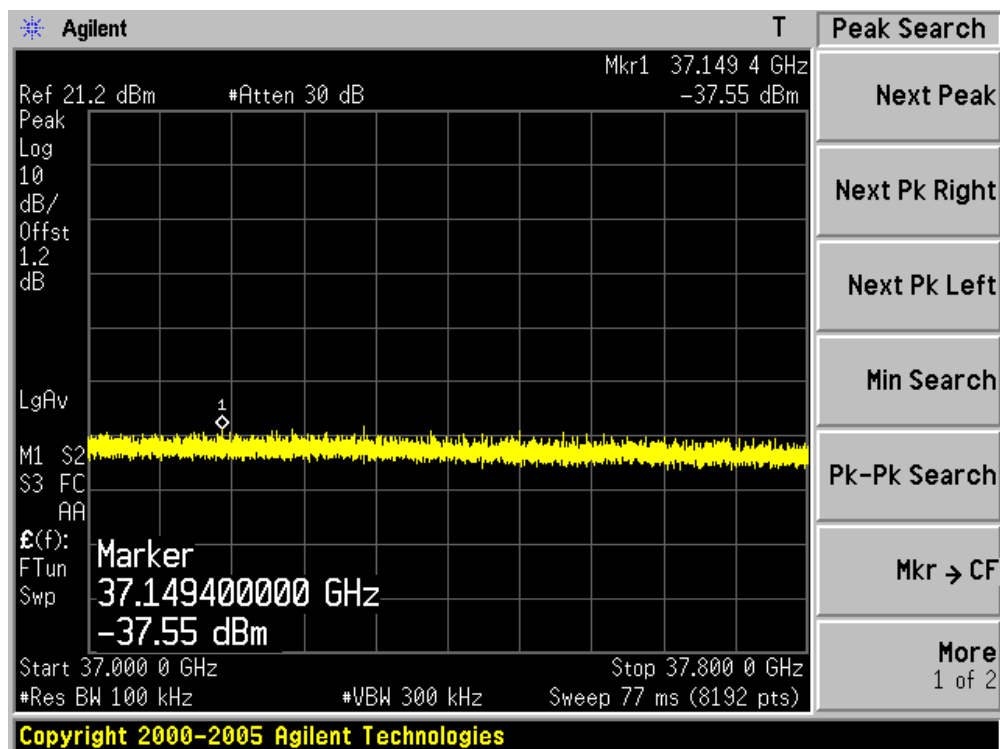
Channel 157 (5785MHz)-14



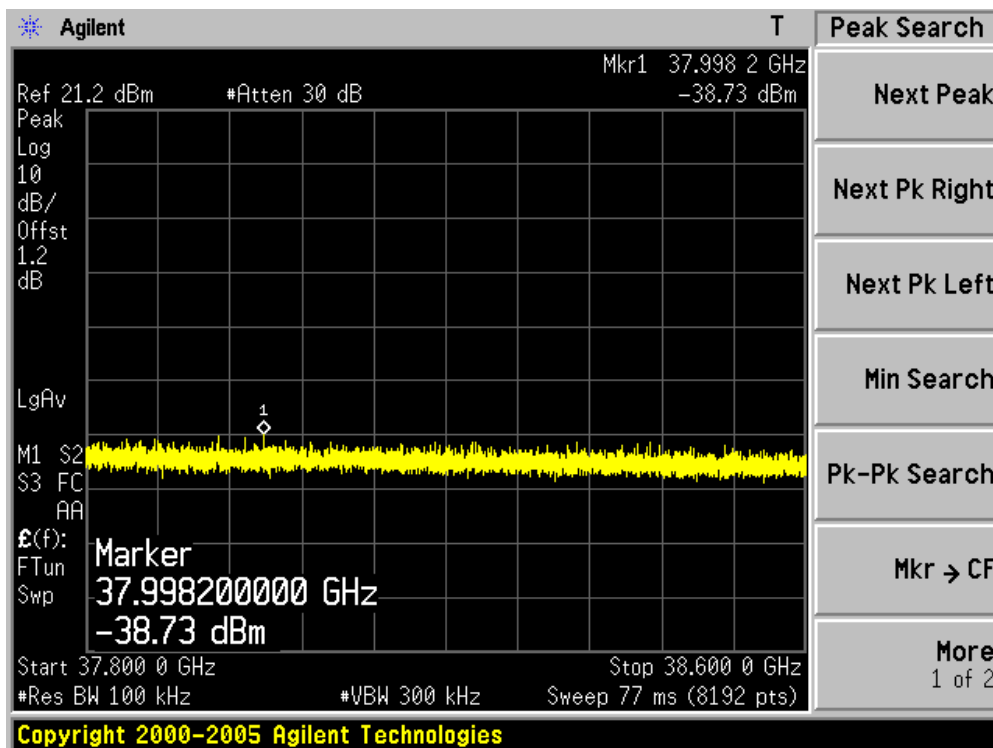
Channel 157 (5785MHz)-15



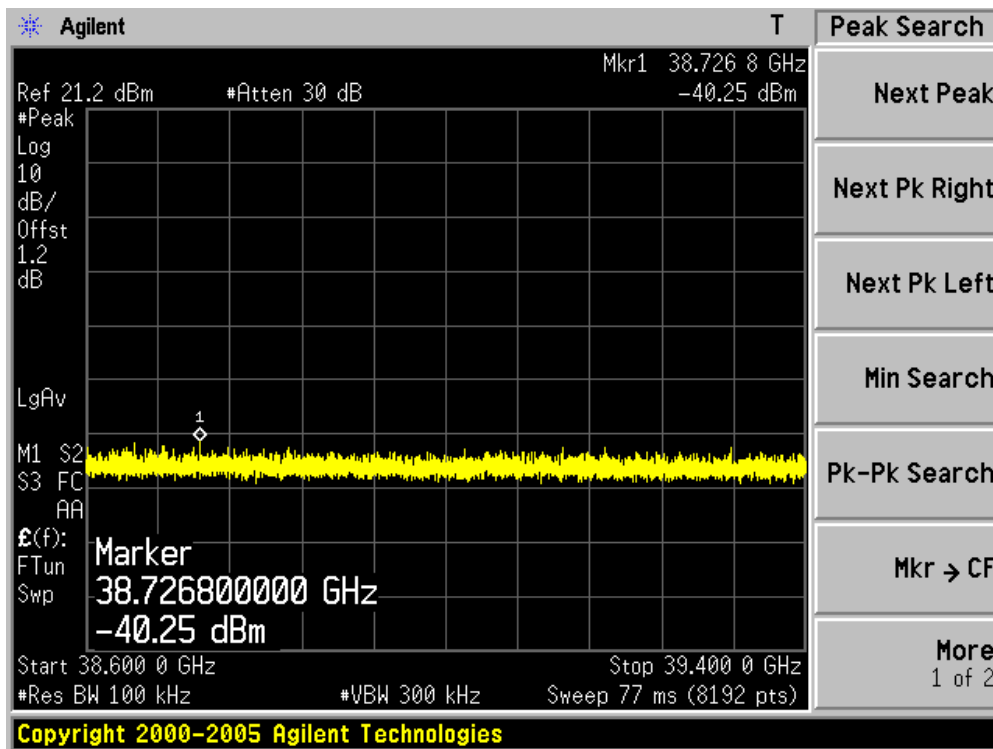
Channel 157 (5785MHz)-16



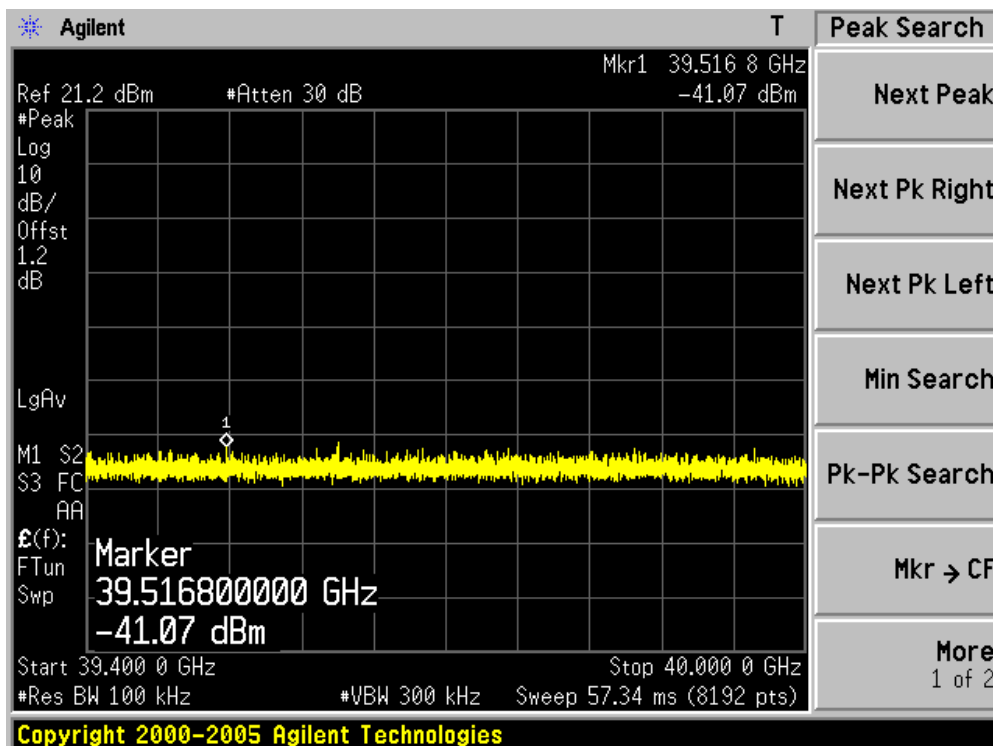
Channel 157 (5785MHz)-17



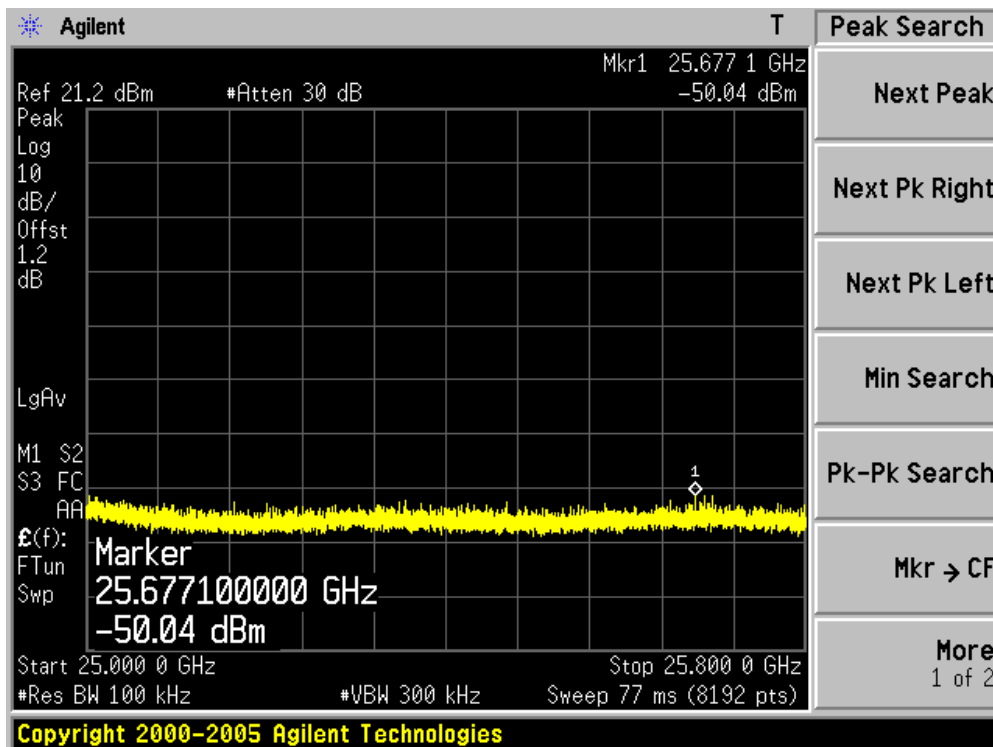
Channel 157 (5785MHz)-18



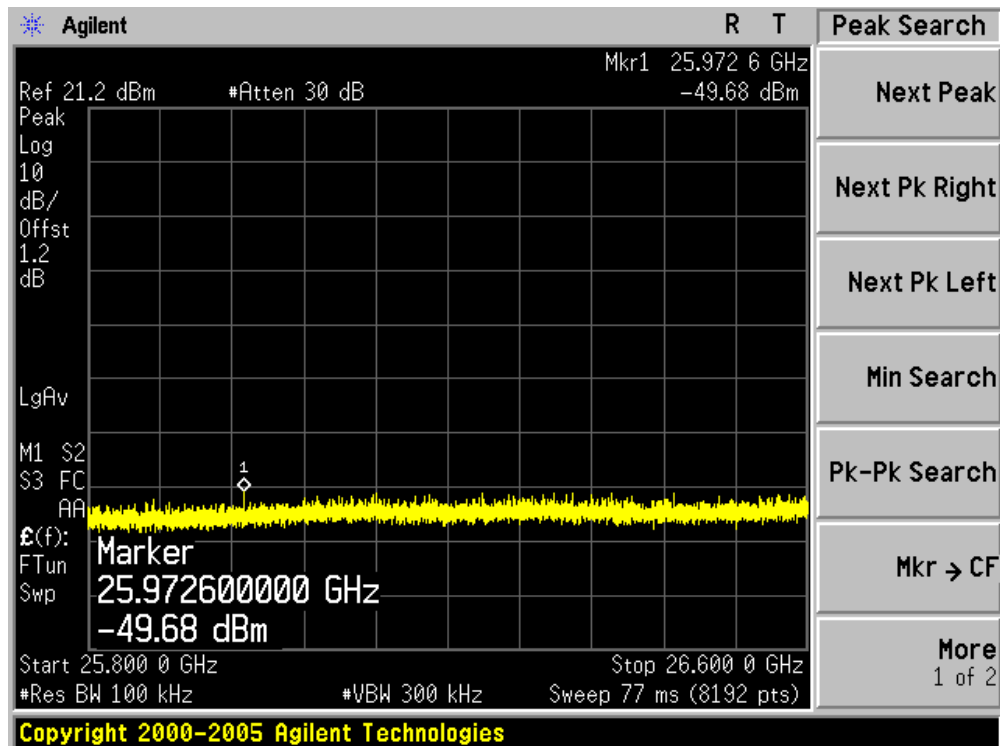
### Channel 157 (5785MHz)-19



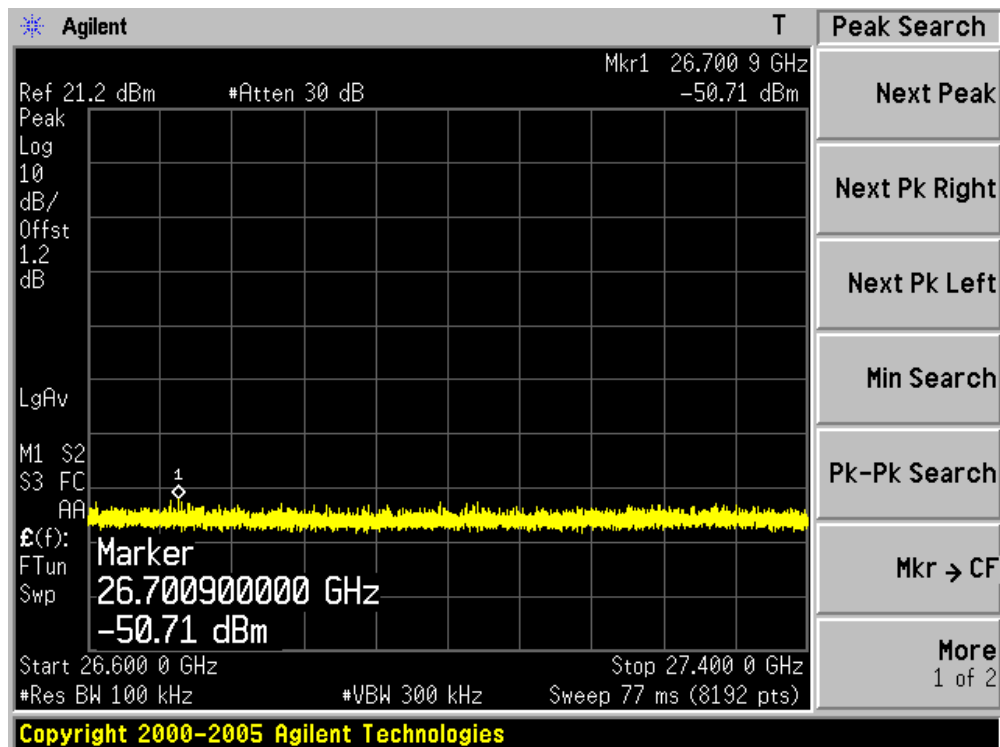
### Channel 165 (5825MHz)-1



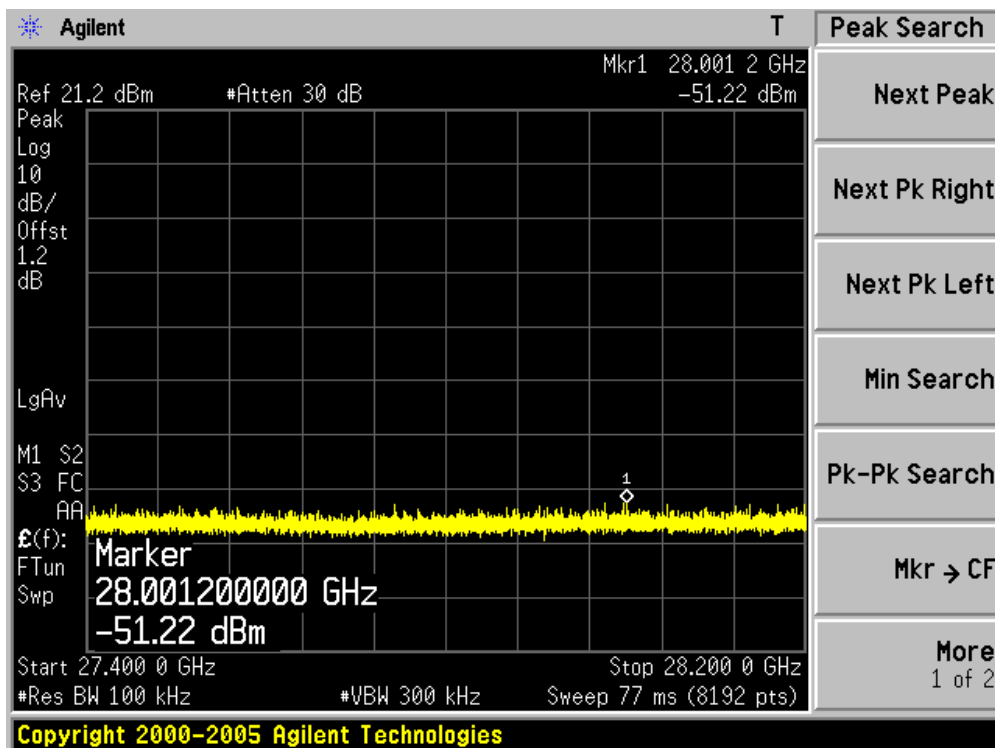
### Channel 165 (5825MHz)-2



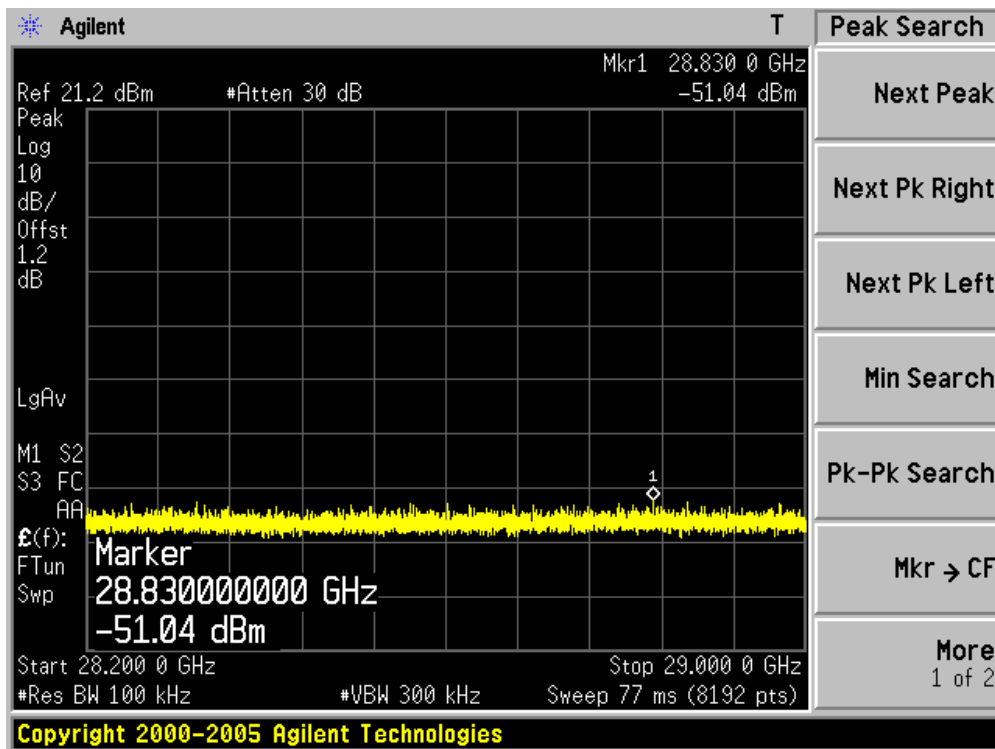
### Channel 165 (5825MHz)-3



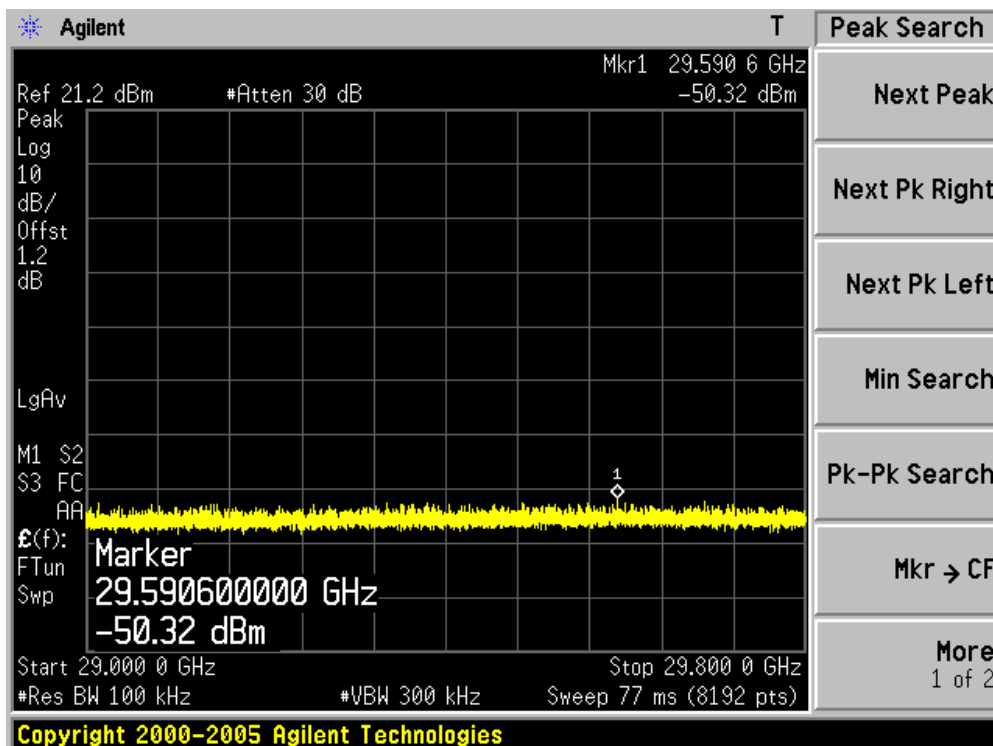
### Channel 165 (5825MHz)-4



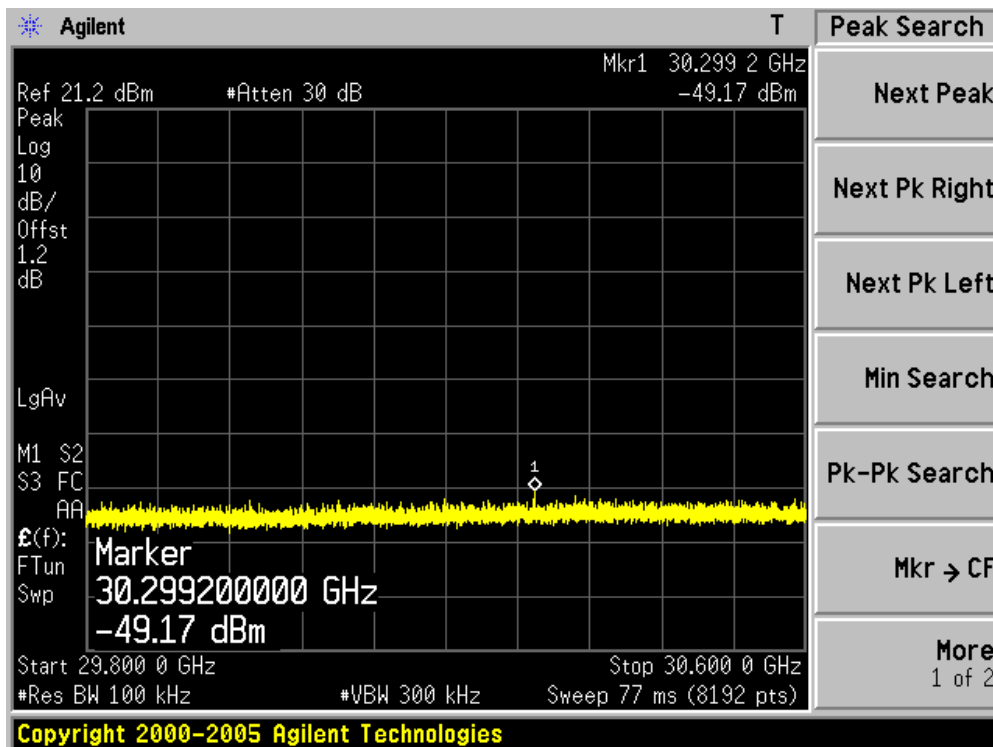
### Channel 165 (5825MHz)-5



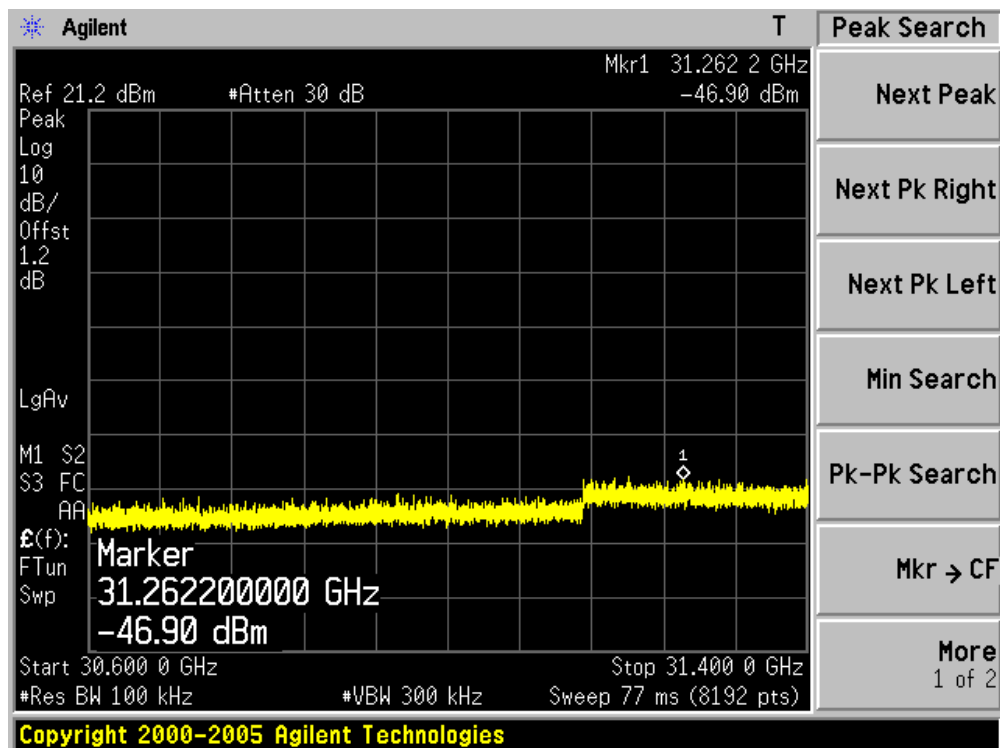
Channel 165 (5825MHz)-6



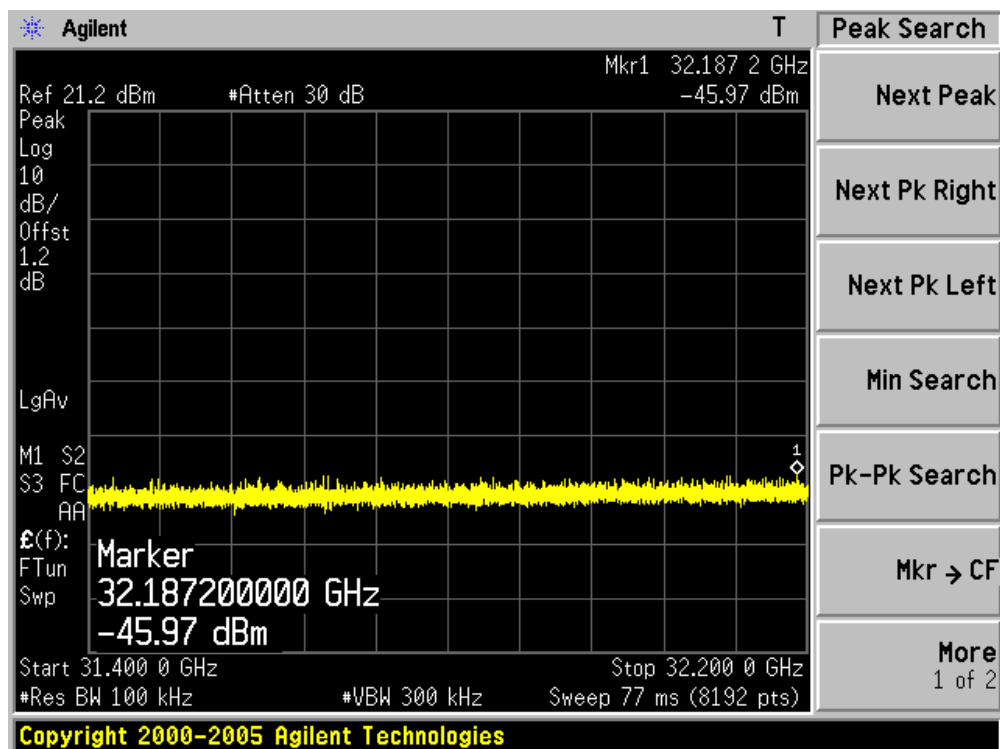
Channel 165 (5825MHz)-7



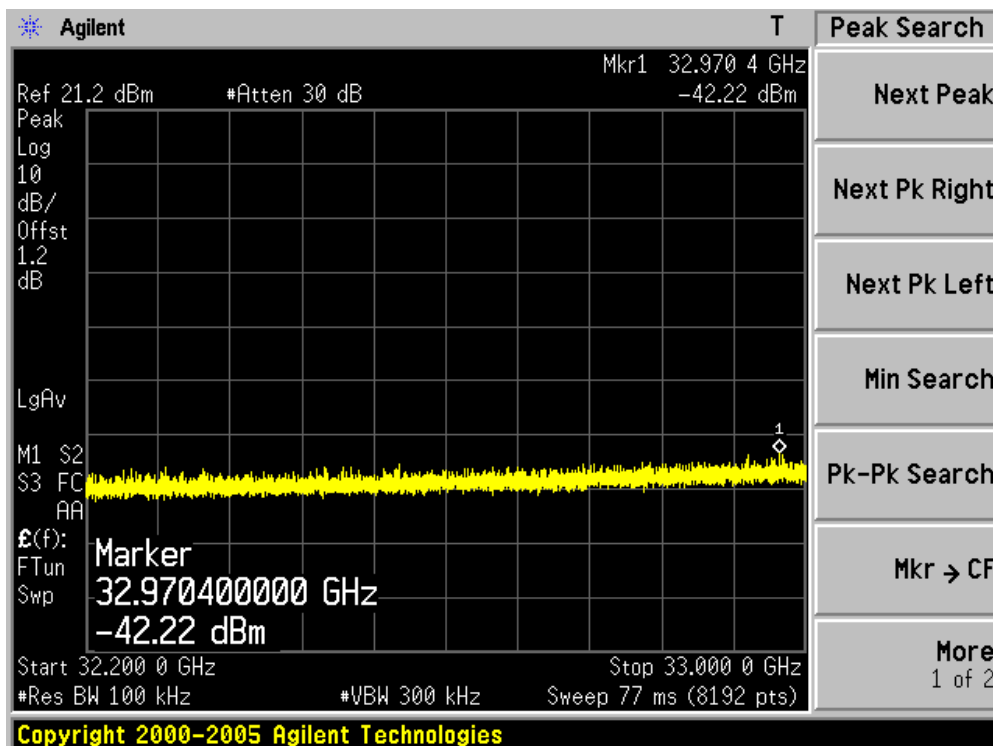
### Channel 165 (5825MHz)-8



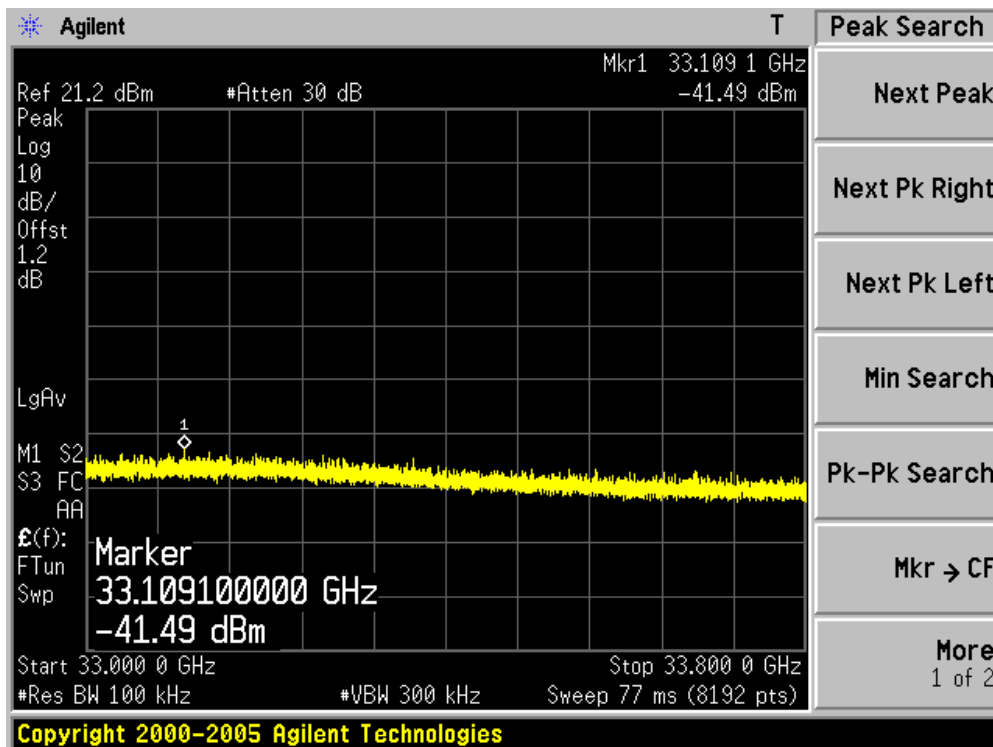
### Channel 165 (5825MHz)-9



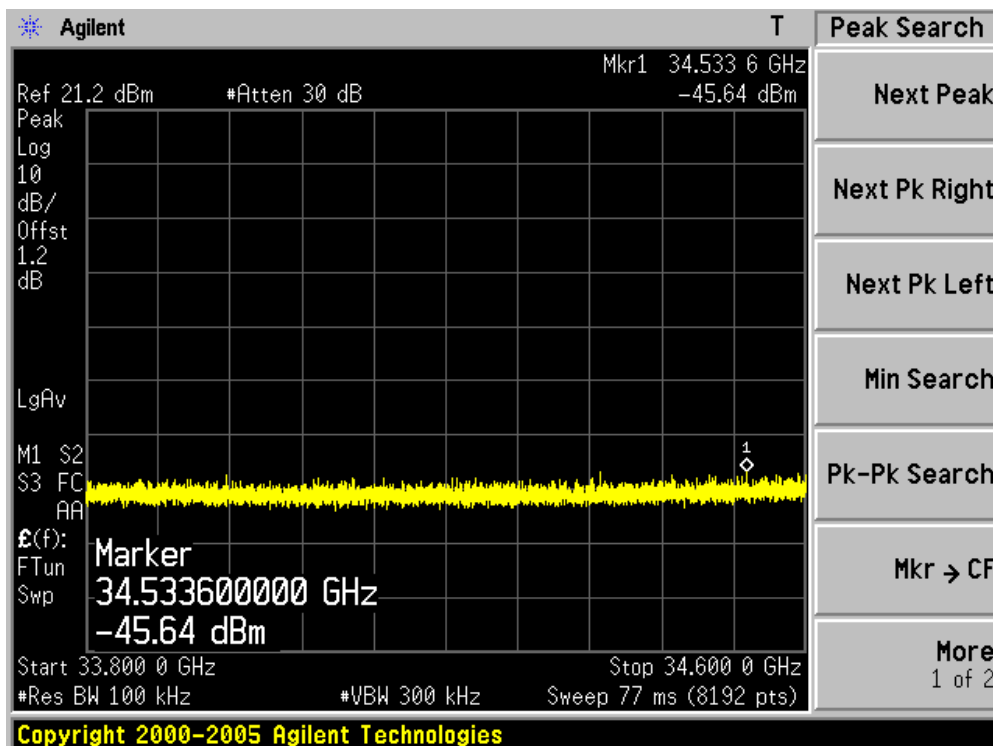
Channel 165 (5825MHz)-10



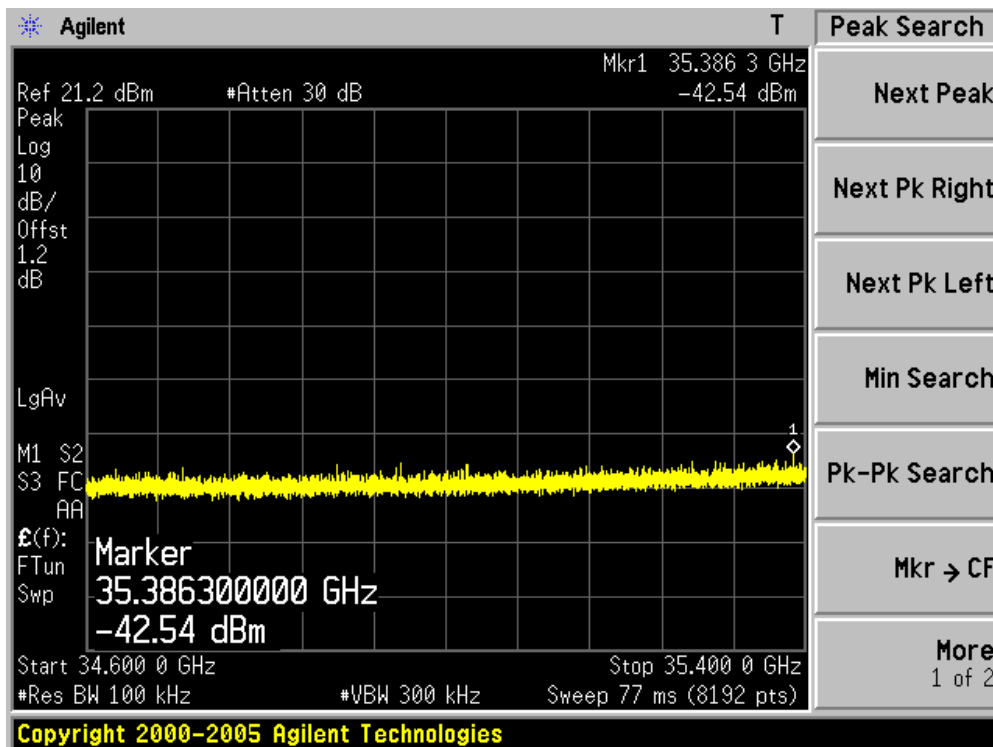
Channel 165 (5825MHz)-11



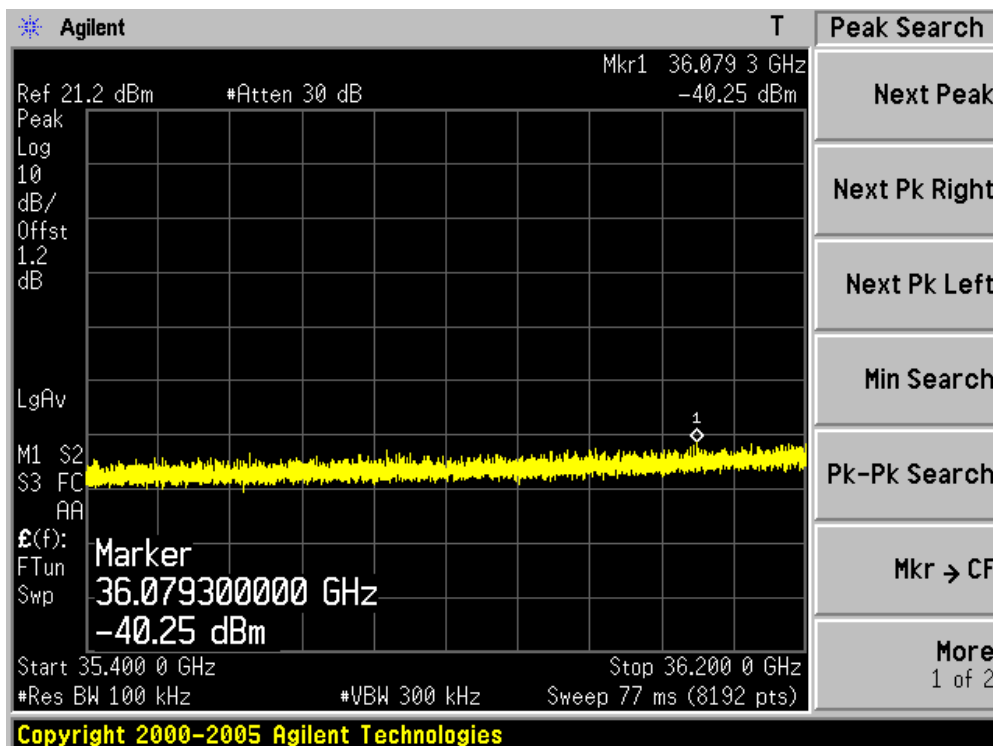
Channel 165 (5825MHz)-12



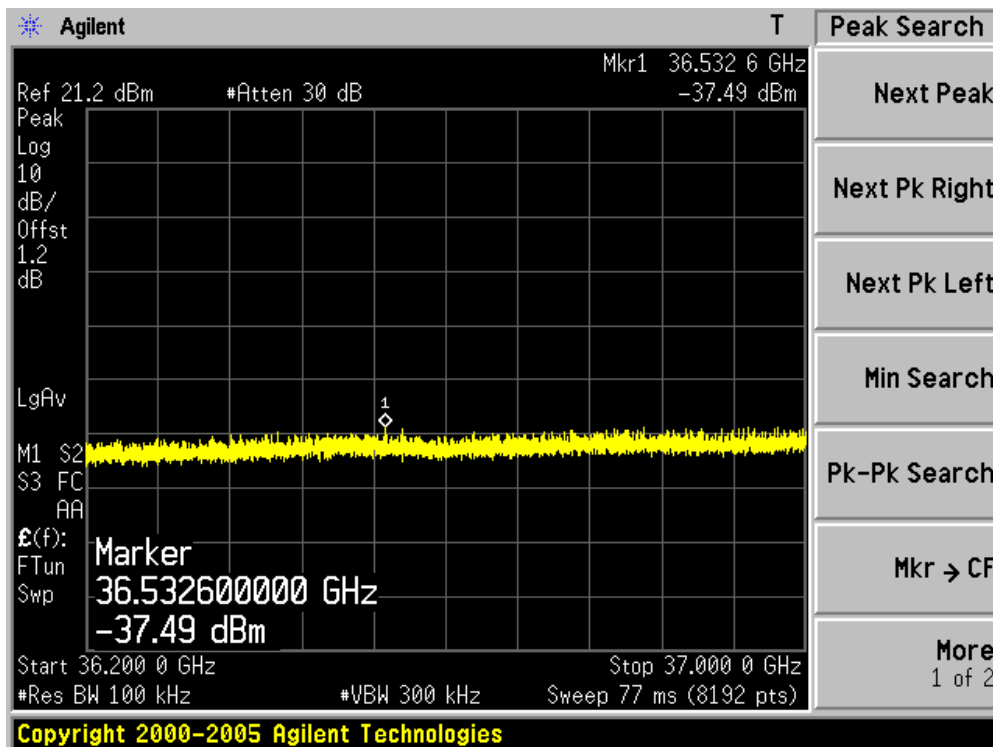
Channel 165 (5825MHz)-13



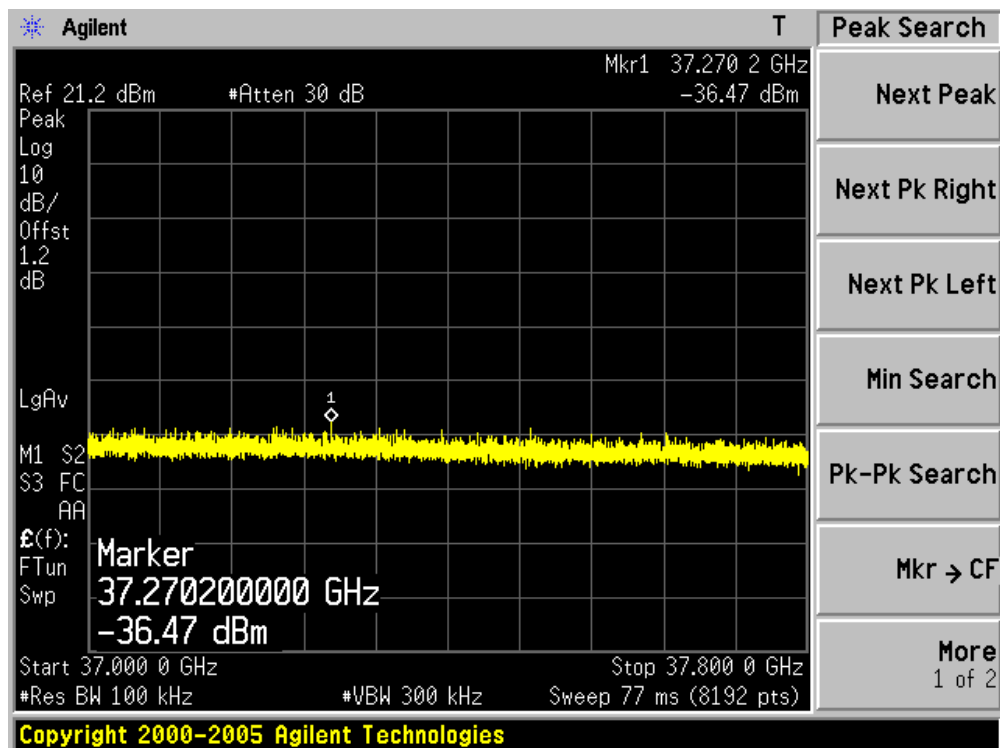
Channel 165 (5825MHz)-14



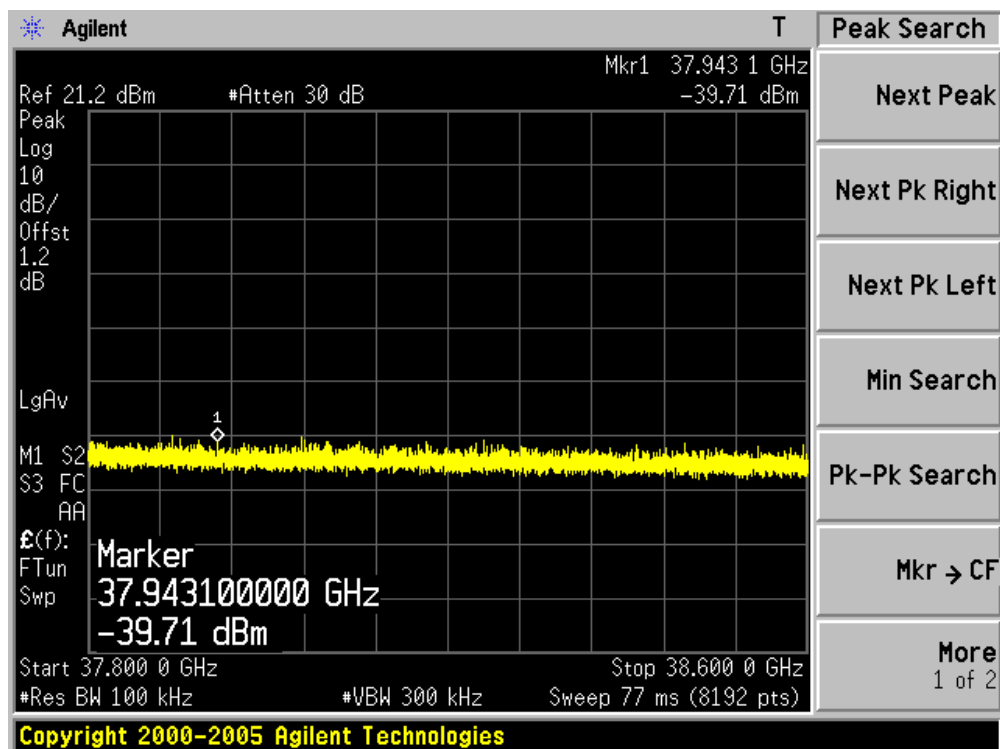
Channel 165 (5825MHz)-15



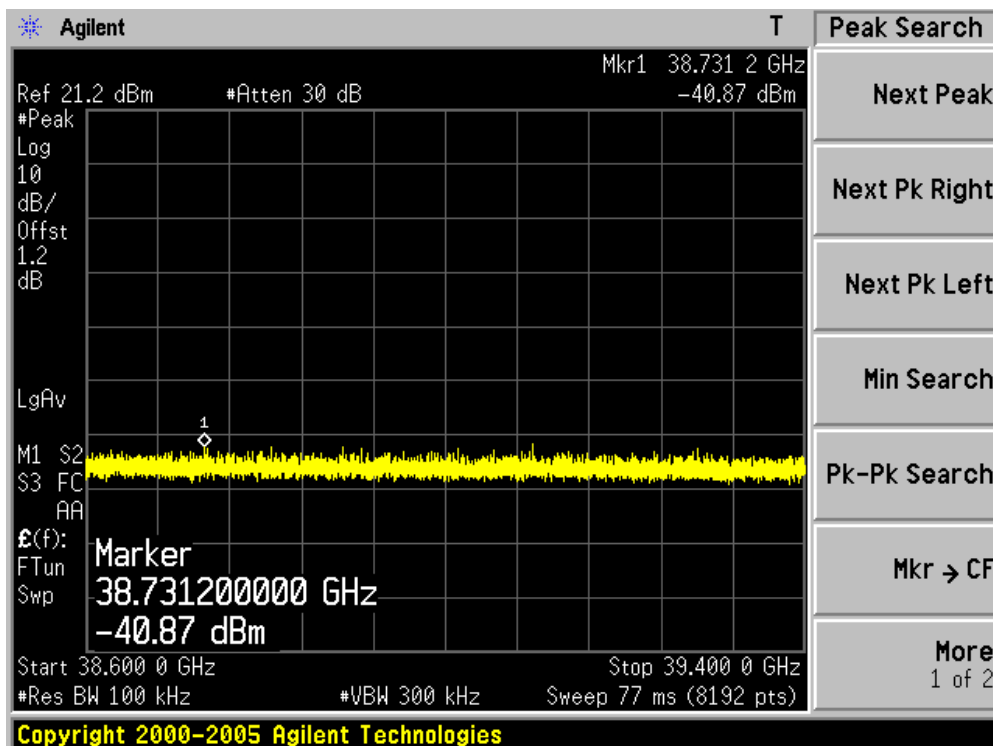
Channel 165 (5825MHz)-16



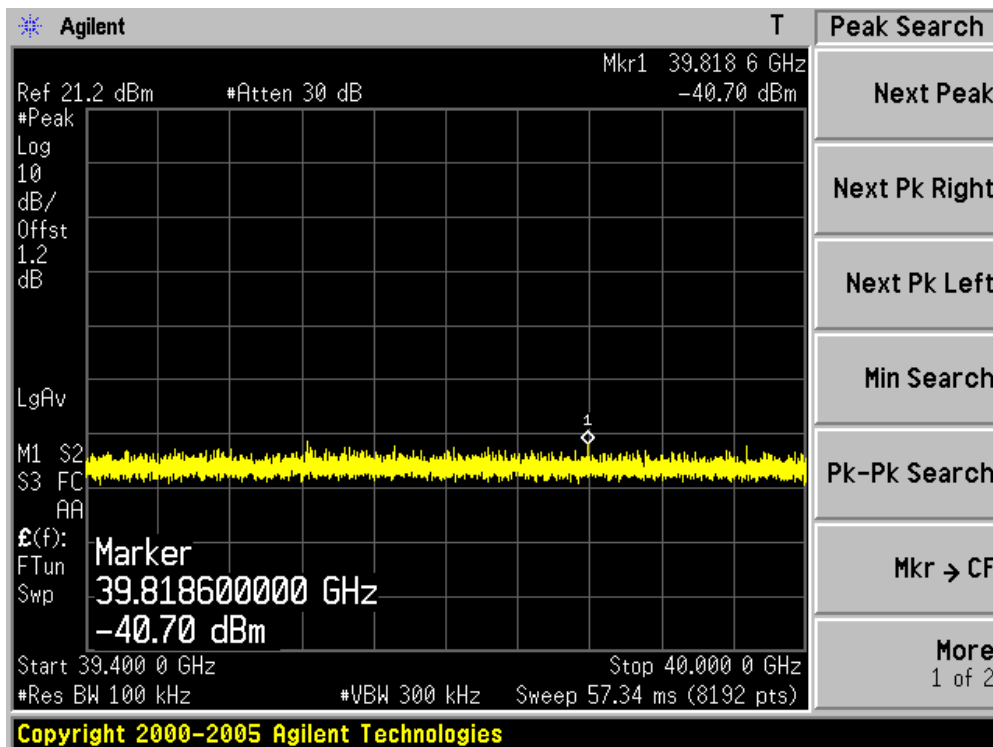
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

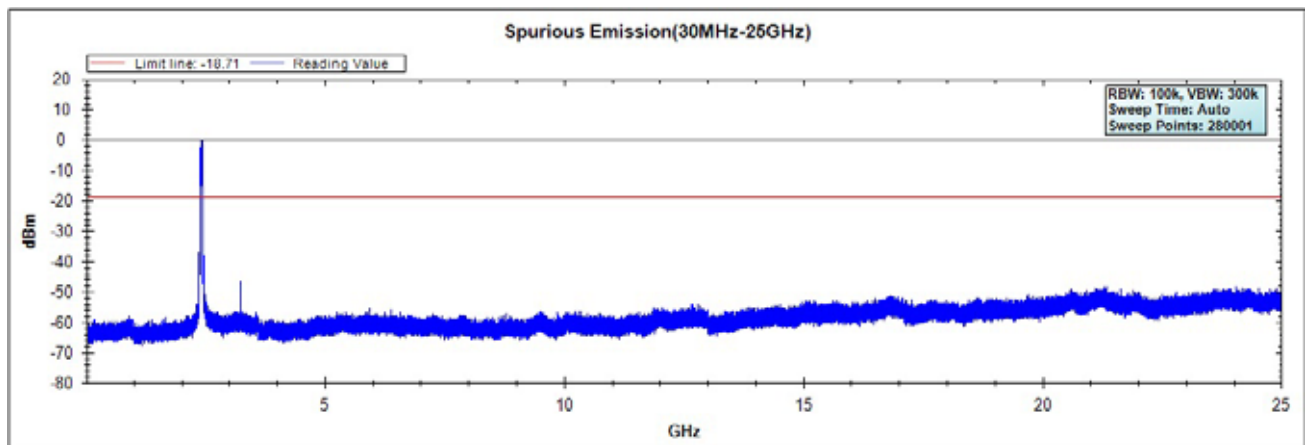


Channel 165 (5825MHz)-19

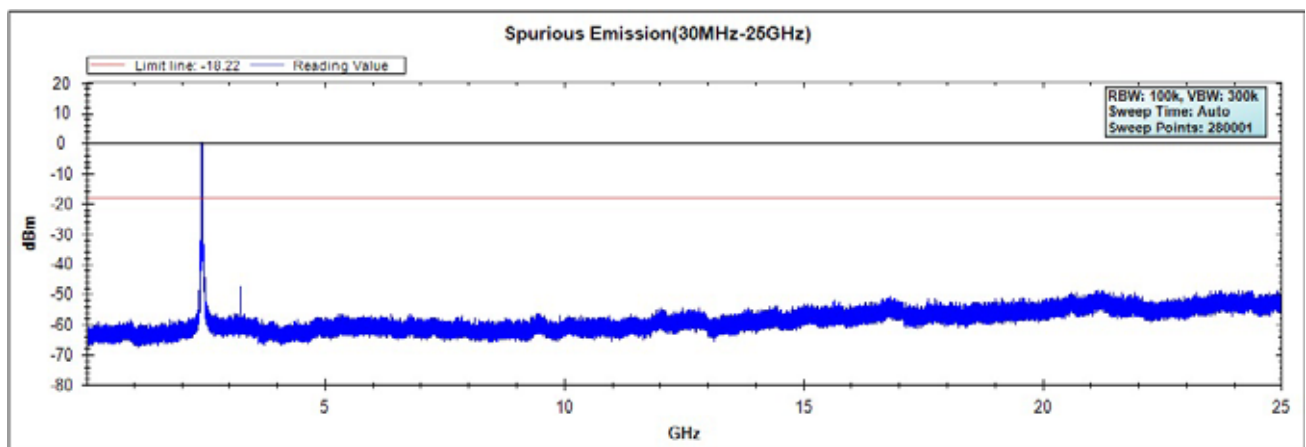


|           |   |                                            |
|-----------|---|--------------------------------------------|
| Product   | : | Mi Wi-Fi                                   |
| Test Item | : | RF Antenna Conducted Spurious              |
| Test Site | : | TR-8                                       |
| Test Mode | : | Mode 6: Transmit by 802.11n(40MHz) (Ant 2) |

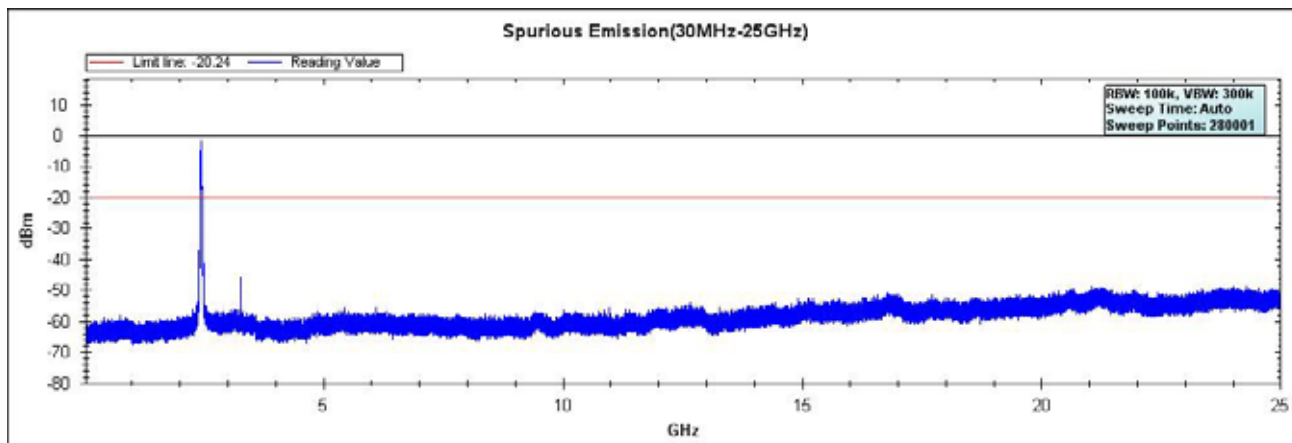
### Channel 03 (2422MHz)



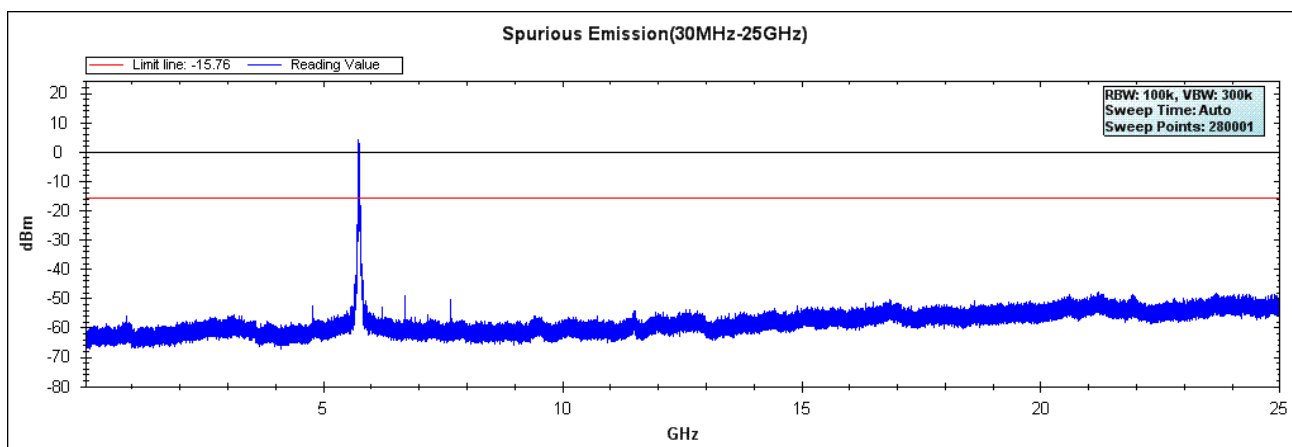
### Channel 06 (2437MHz)



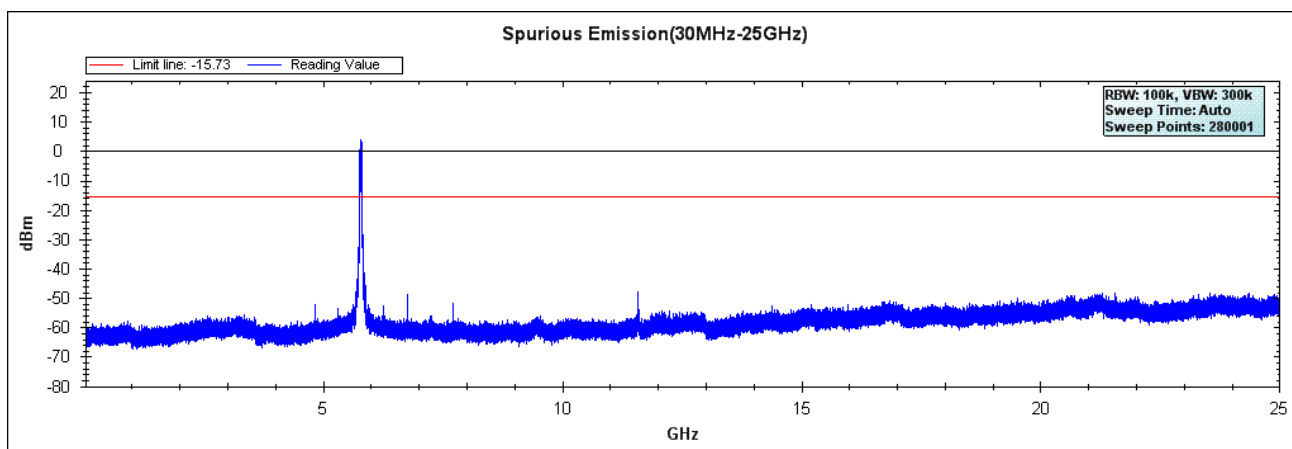
### Channel 09 (2452MHz)



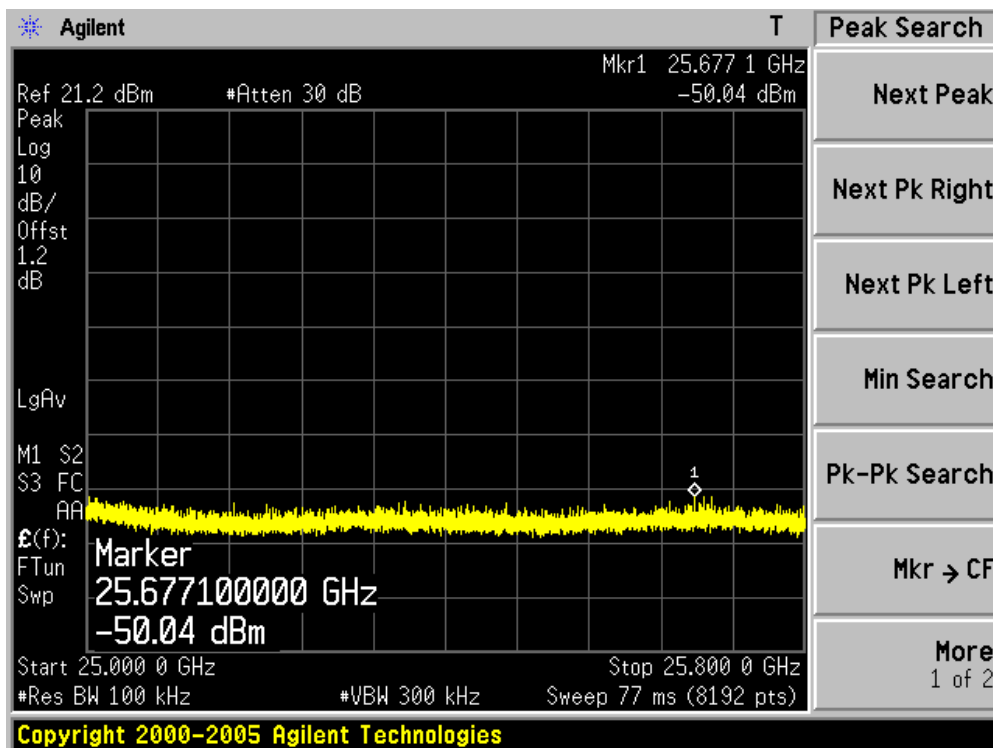
### Channel 151 (5755MHz)



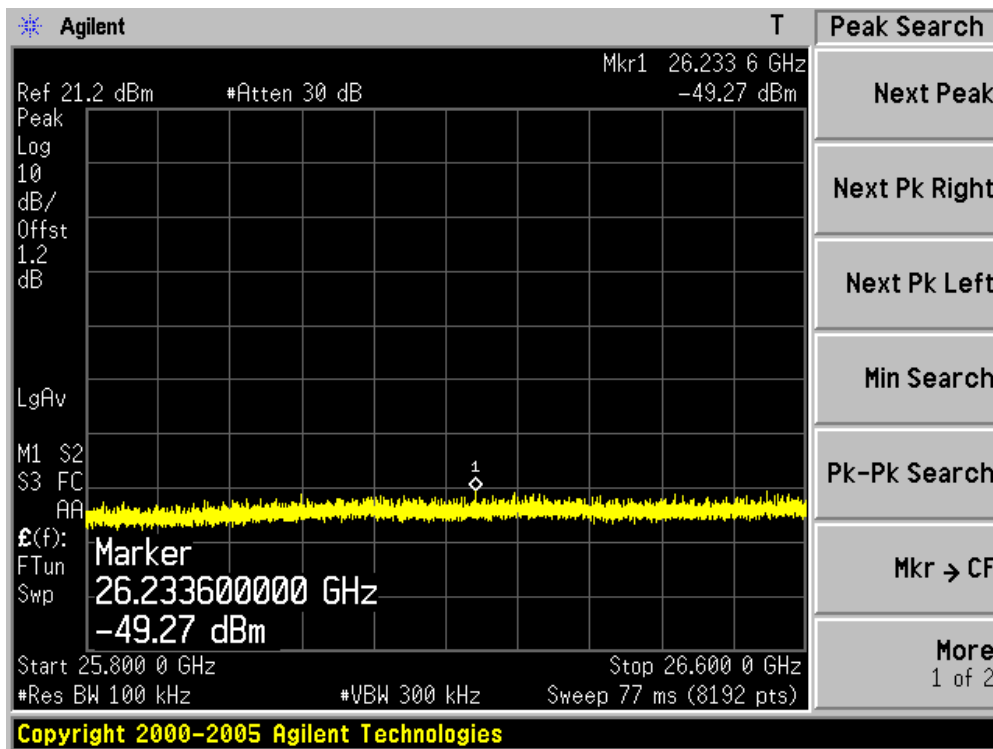
### Channel 159 (5795MHz)



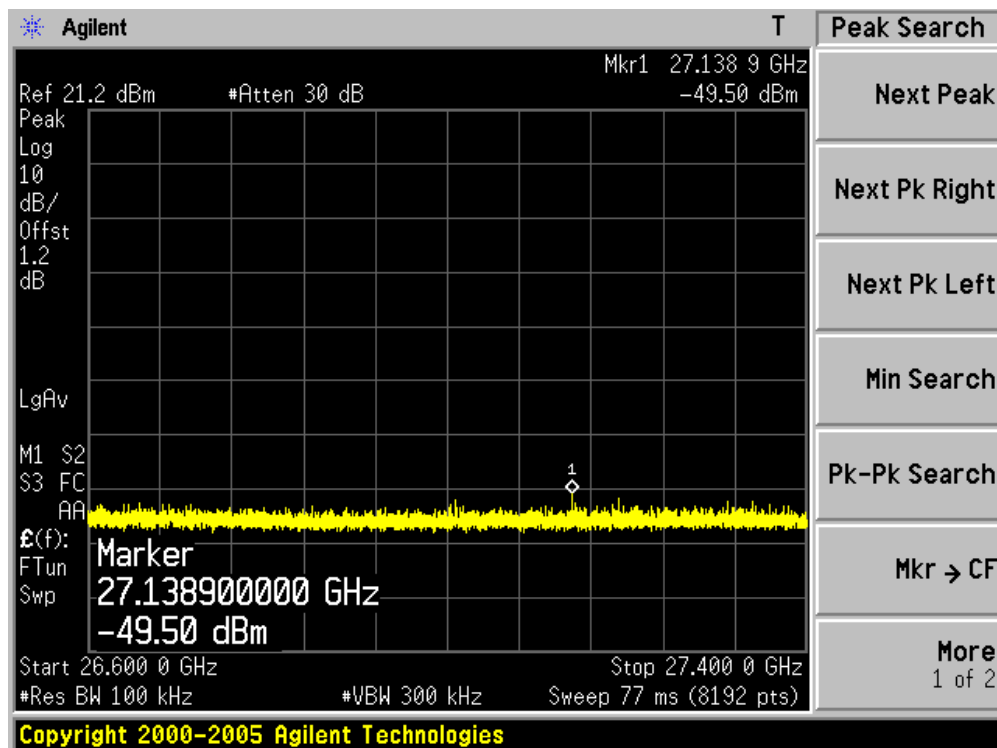
Channel 151 (5755MHz)-1



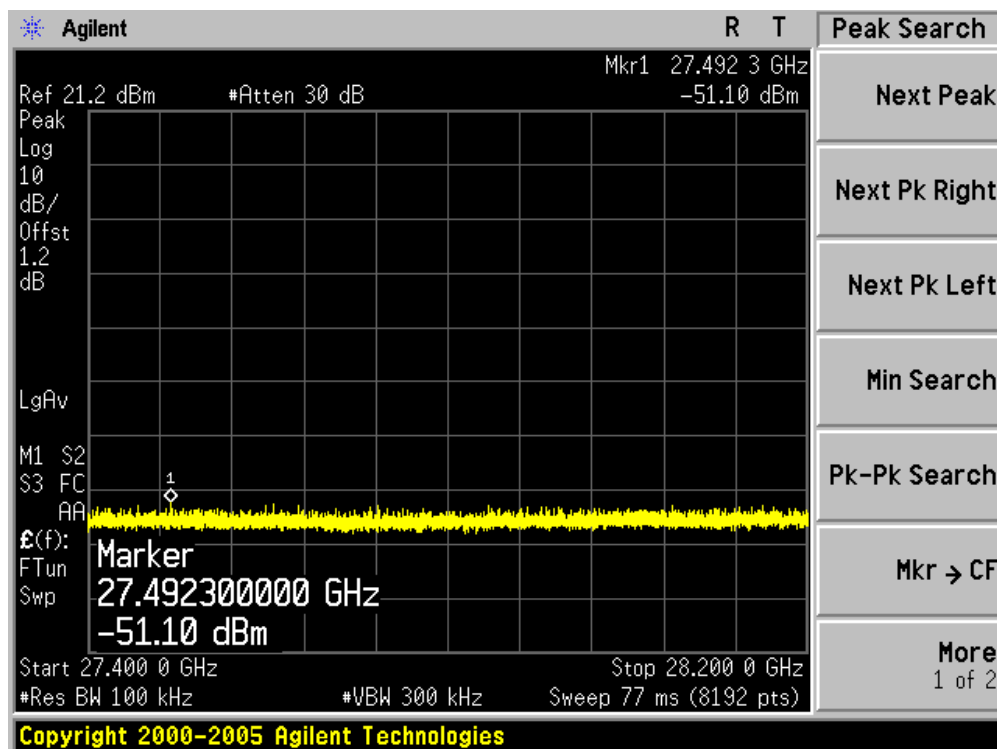
Channel 151 (5755MHz)-2



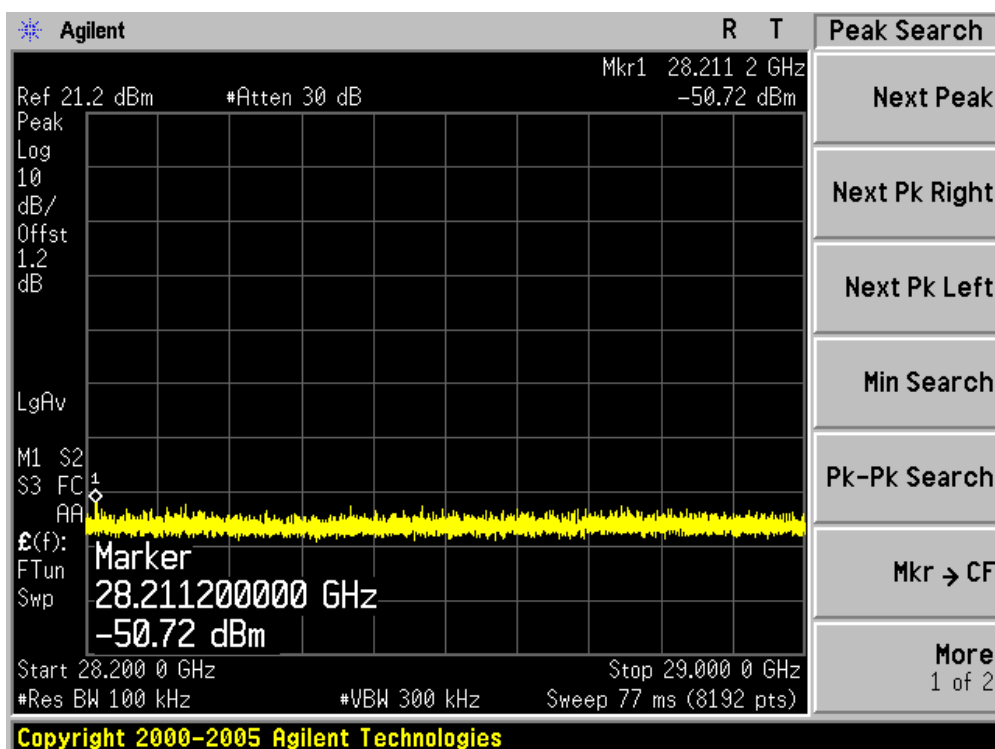
### Channel 151 (5755MHz)-3



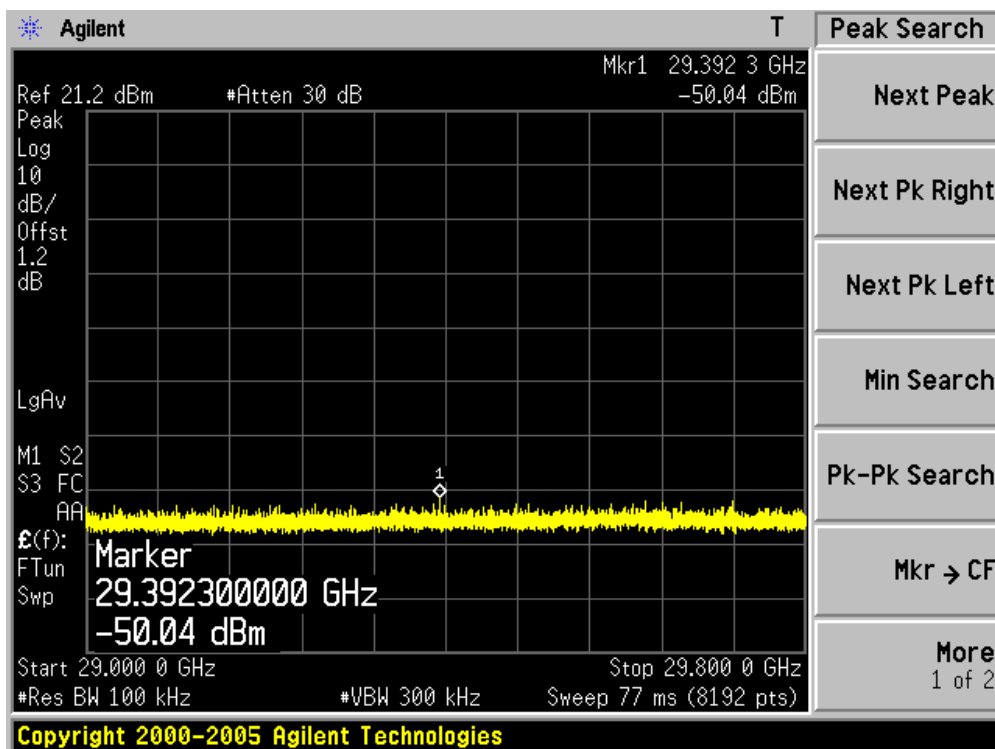
### Channel 151 (5755MHz)-4



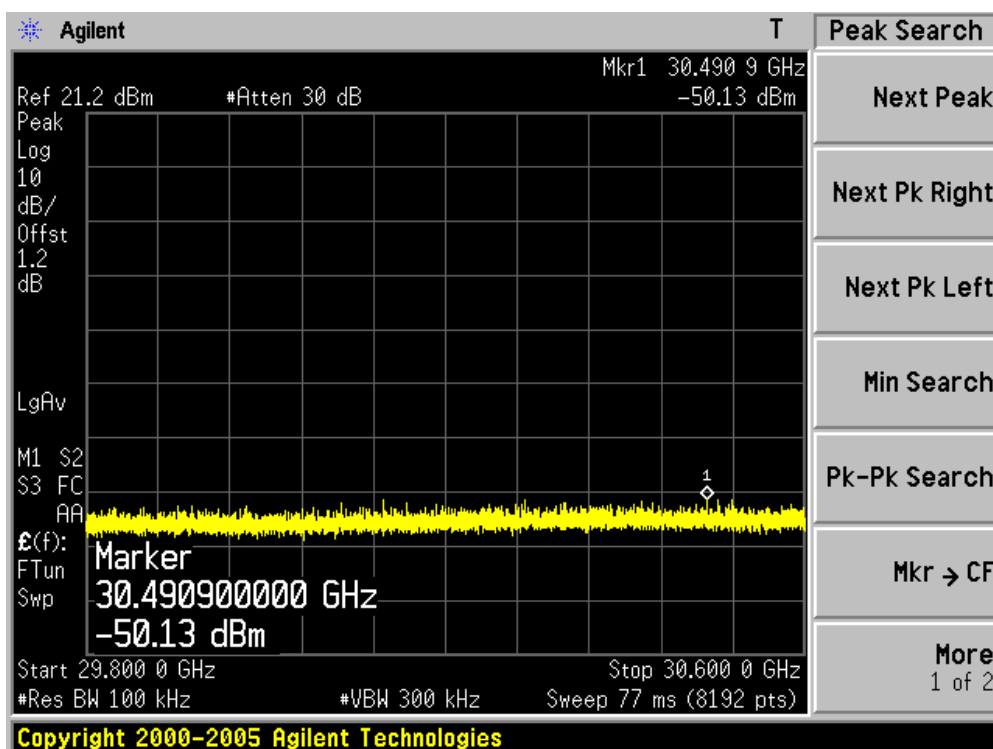
### Channel 151 (5755MHz)-5



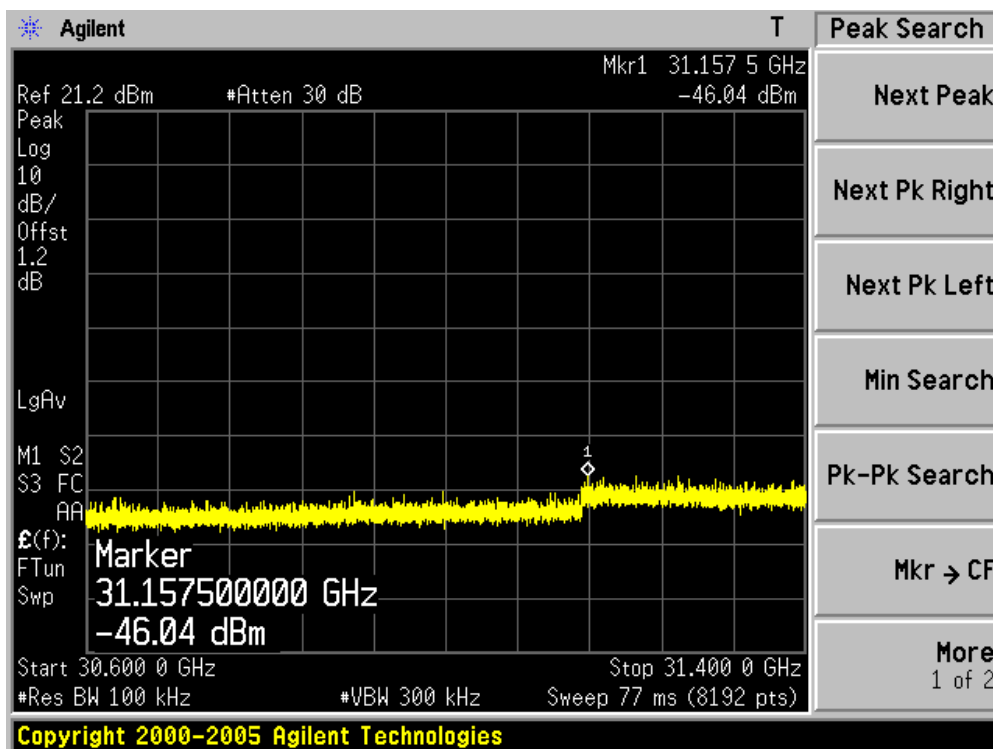
### Channel 151 (5755MHz)-6



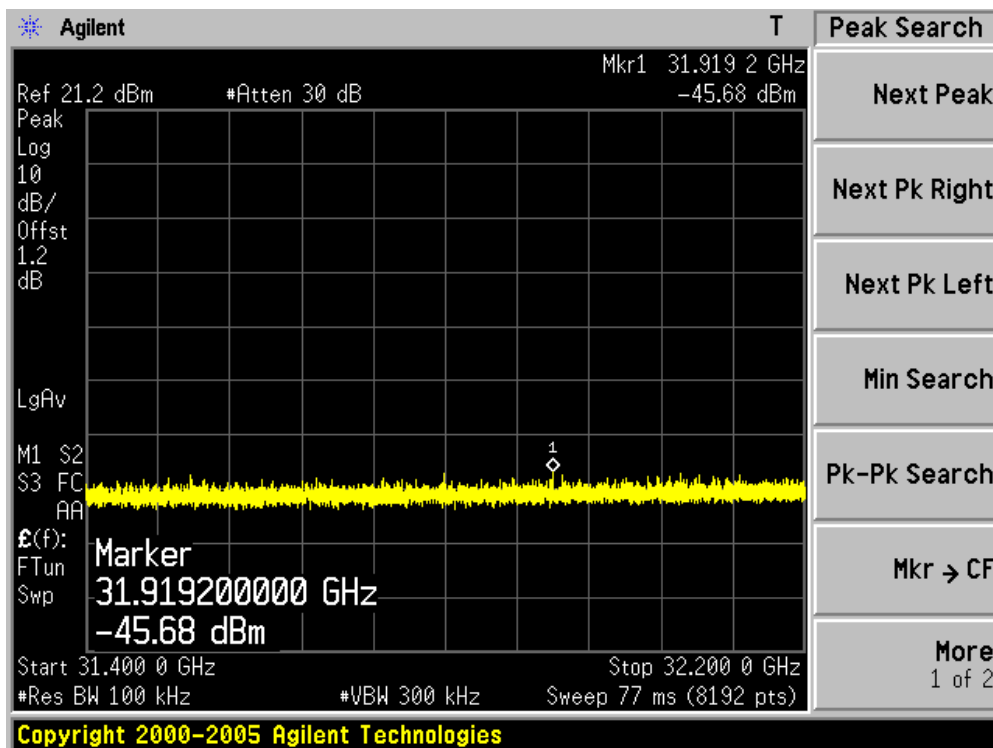
### Channel 151 (5755MHz)-7



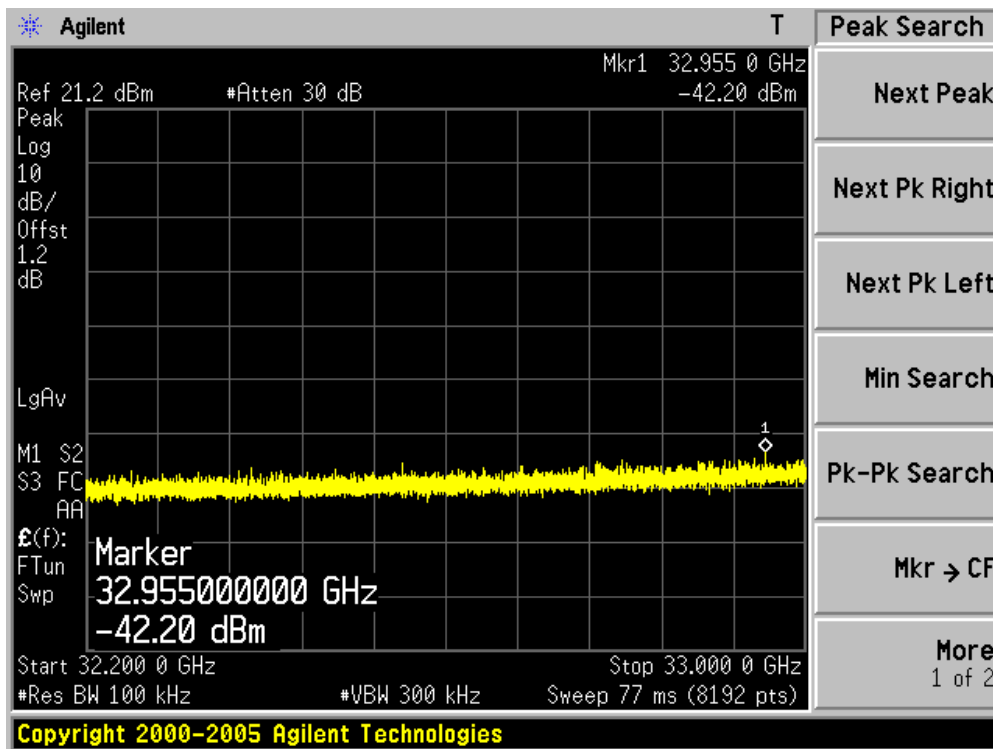
### Channel 151 (5755MHz)-8



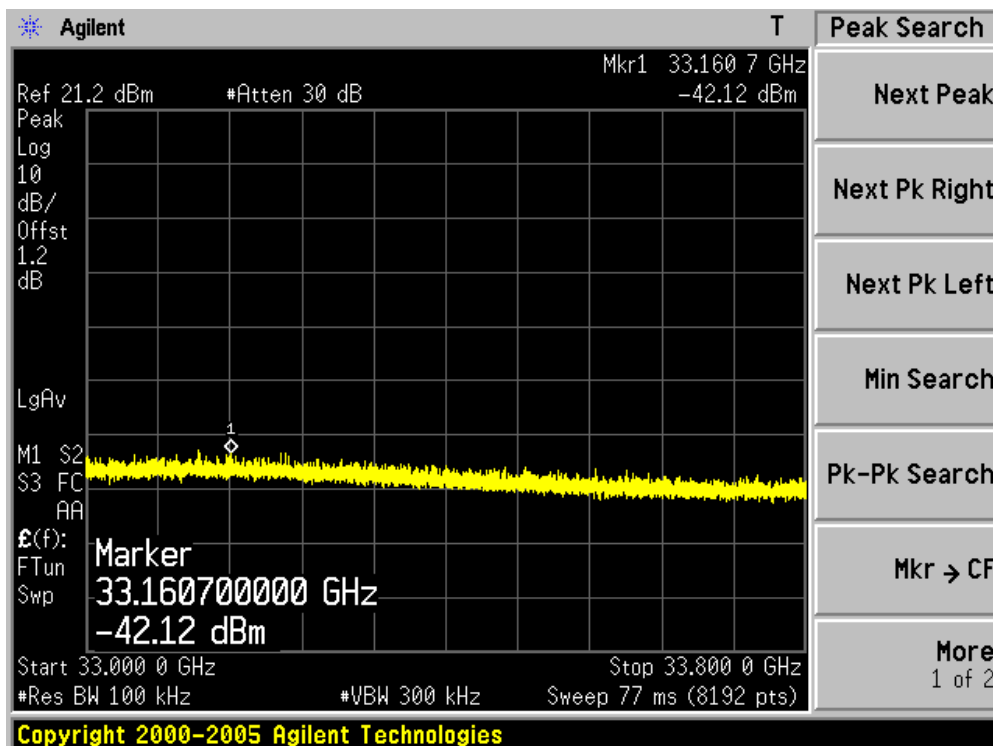
Channel 151 (5755MHz)-9



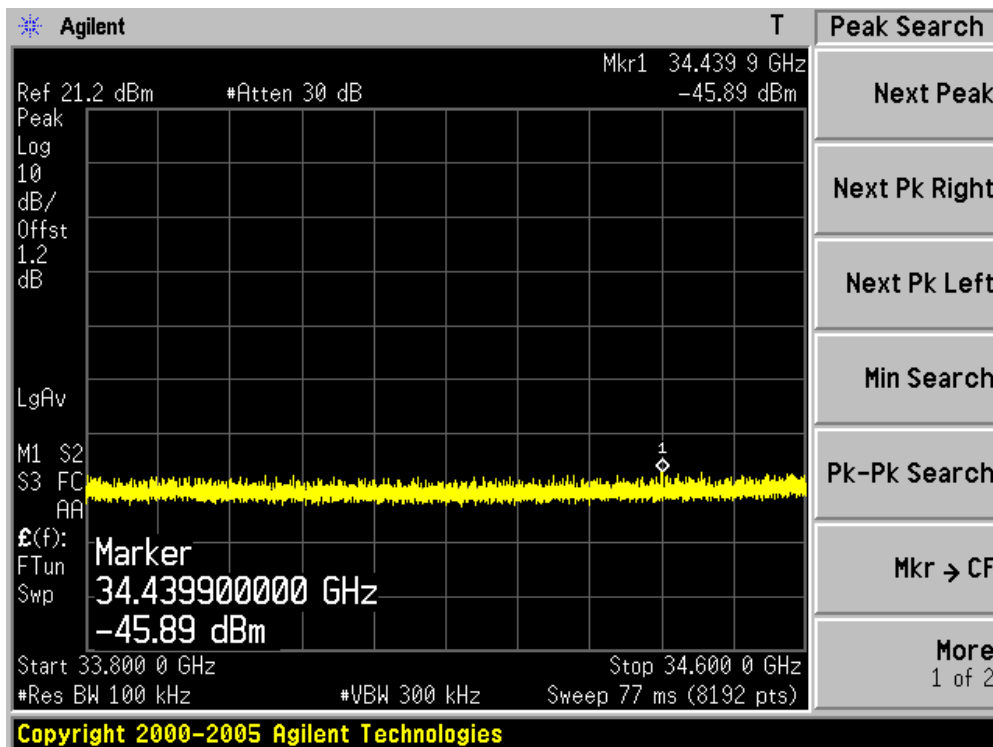
Channel 151 (5755MHz)-10



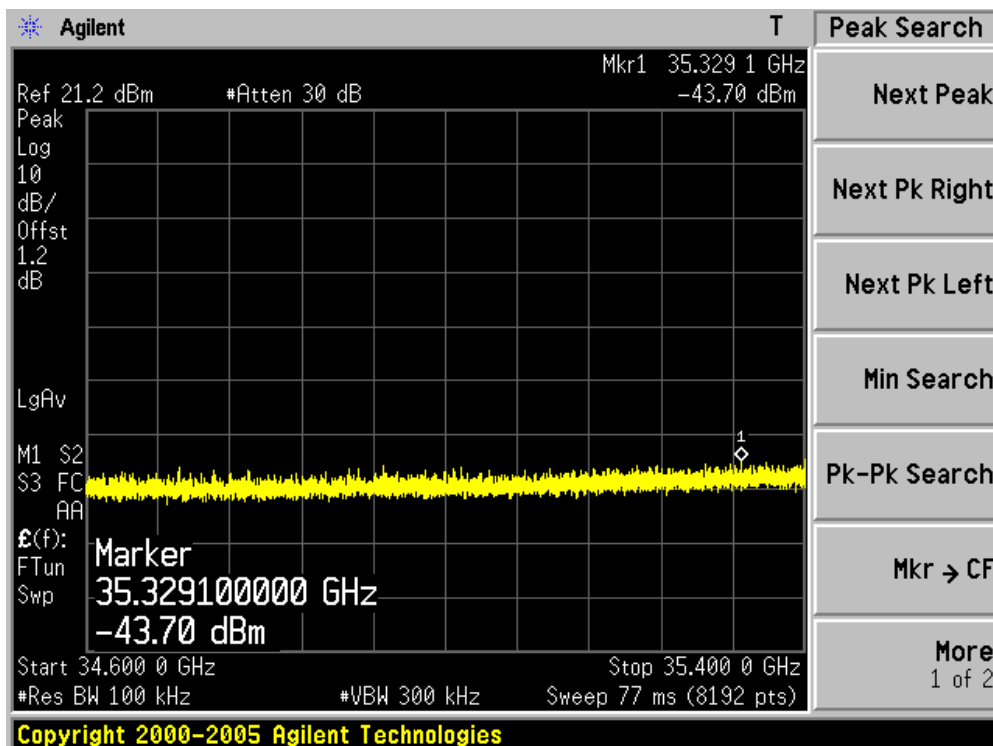
### Channel 151 (5755MHz)-11



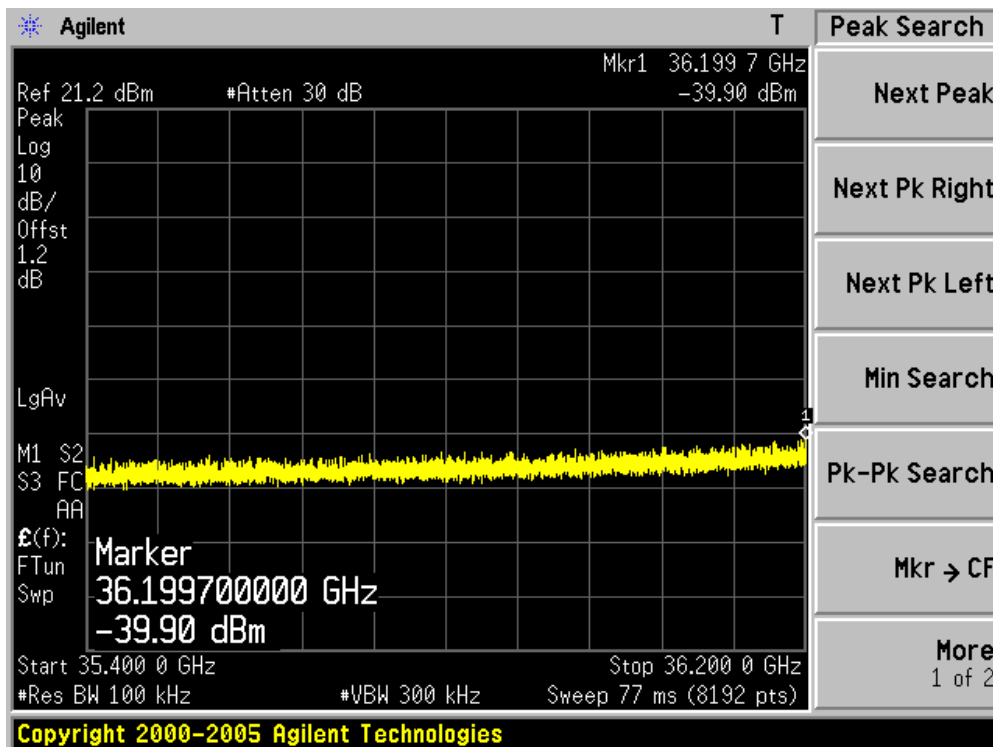
### Channel 151 (5755MHz)-12



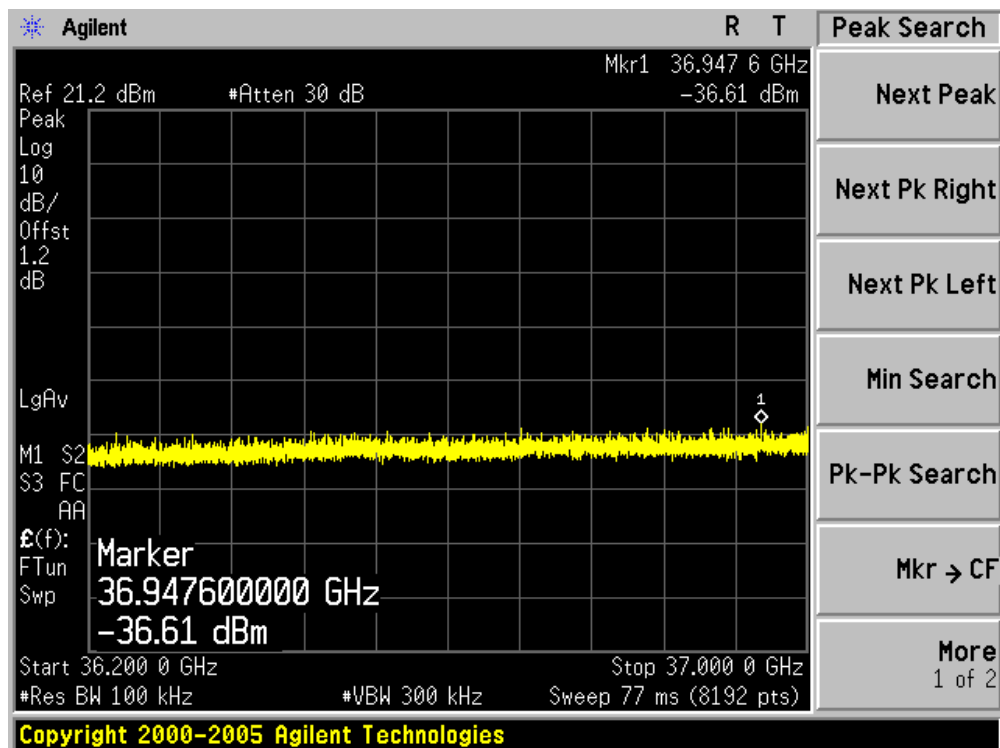
Channel 151 (5755MHz)-13



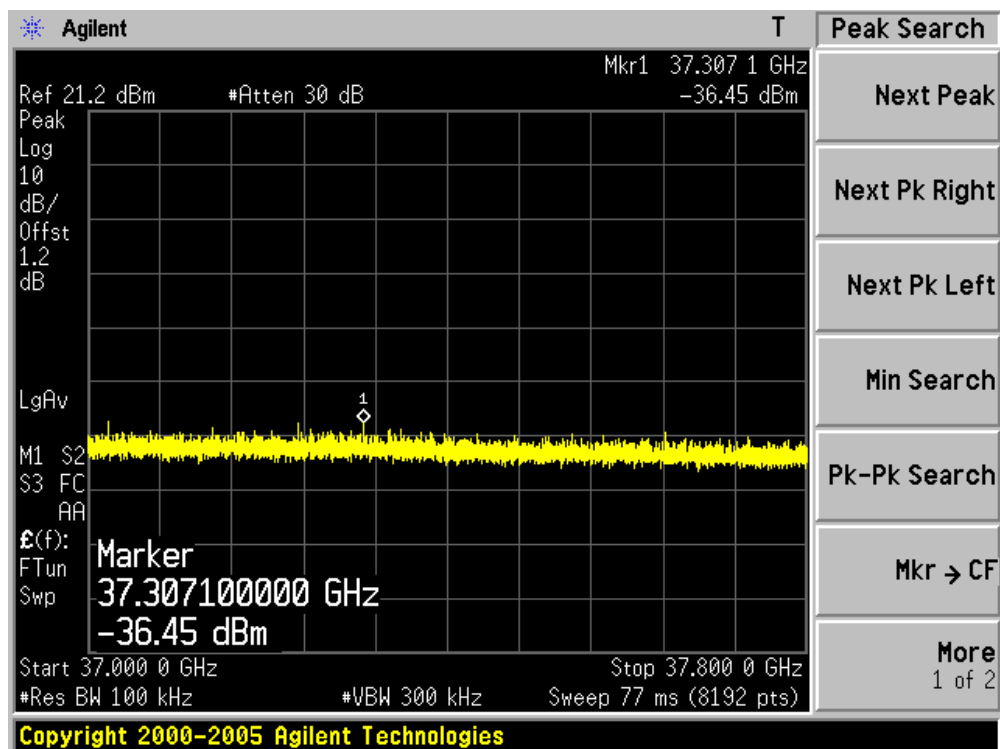
Channel 151 (5755MHz)-14



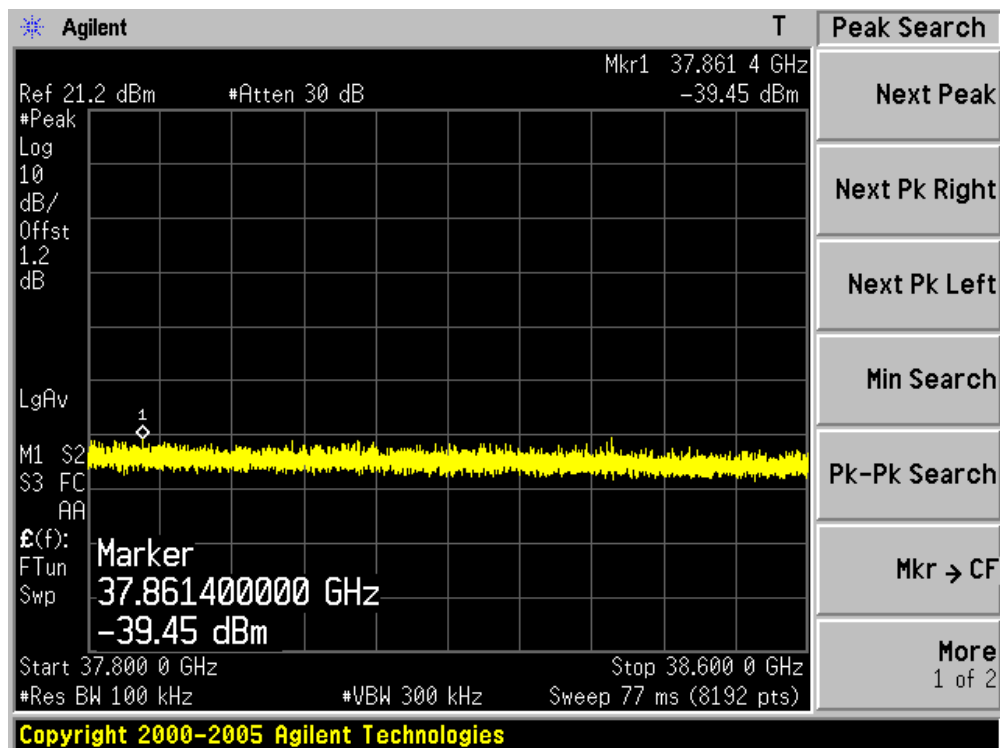
Channel 151 (5755MHz)-15



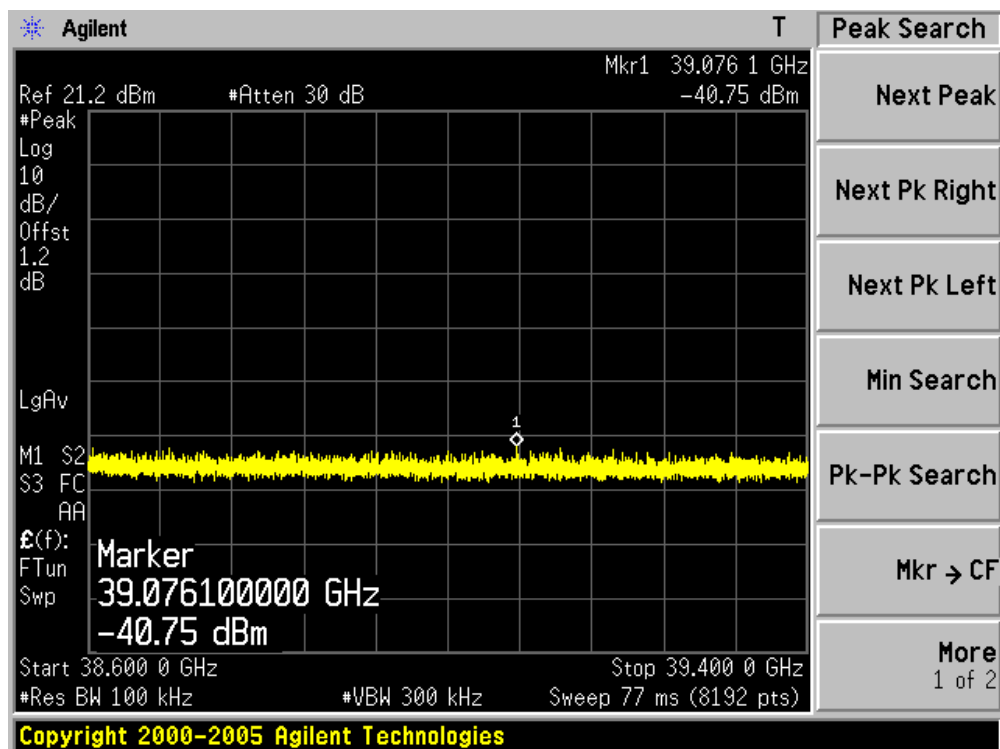
Channel 151 (5755MHz)-16



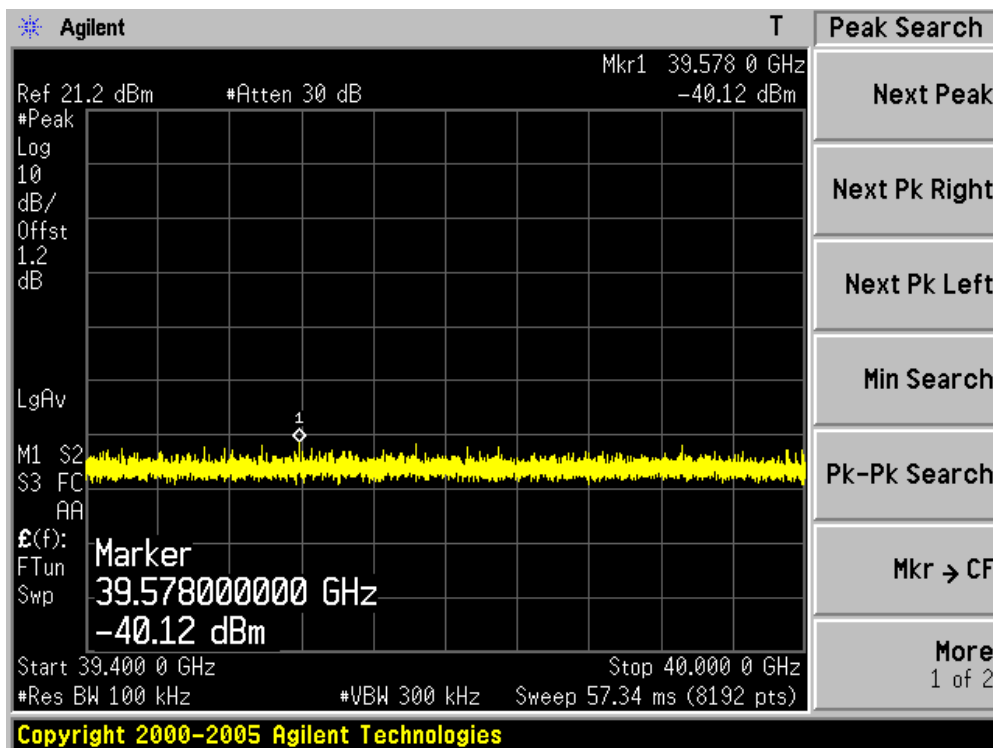
### Channel 151 (5755MHz)-17



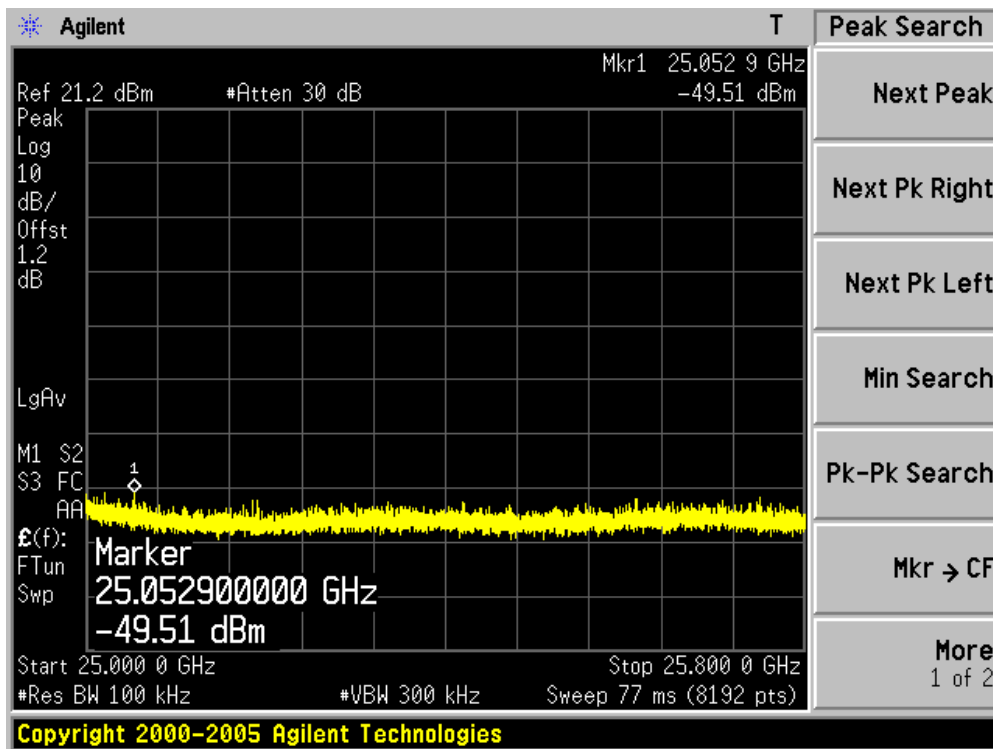
### Channel 151 (5755MHz)-18



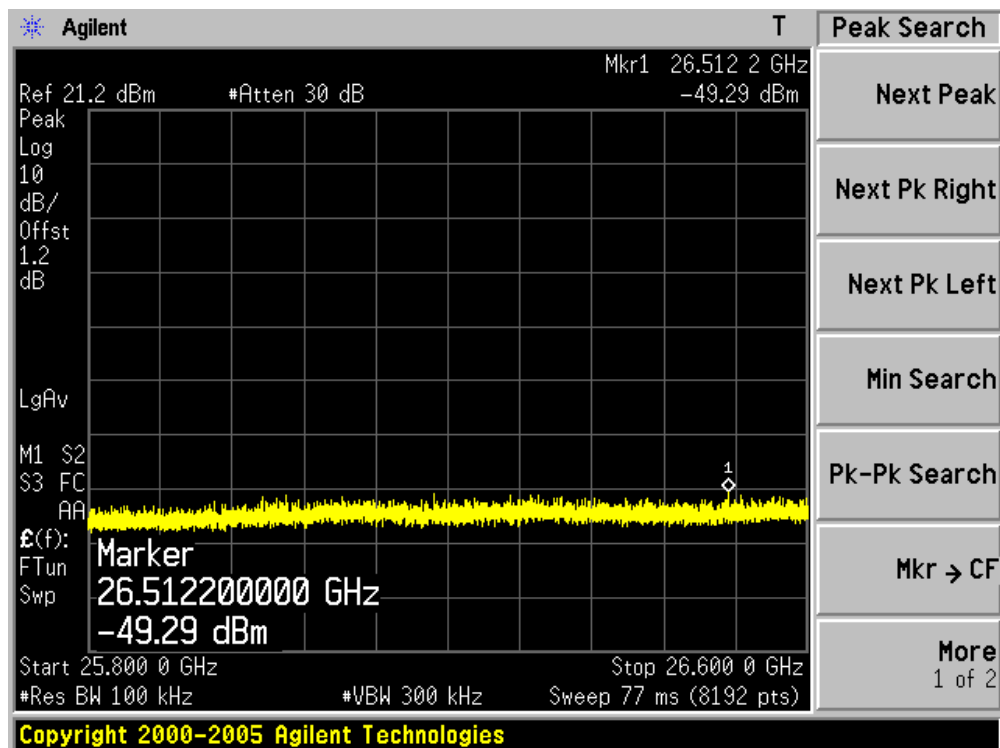
Channel 151 (5755MHz)-19



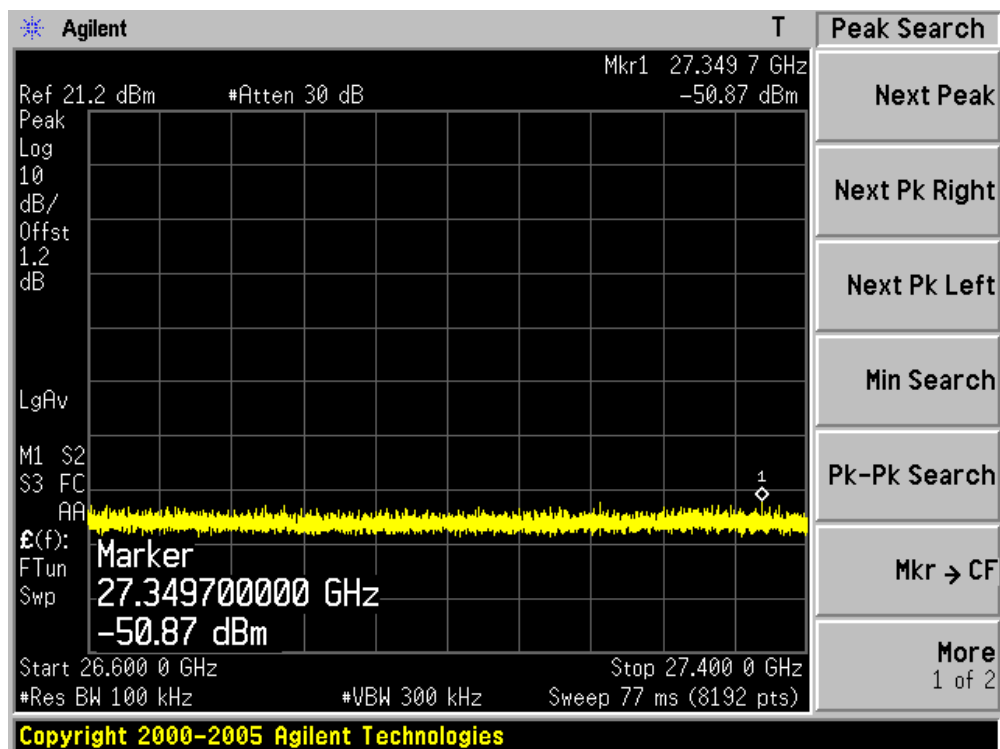
Channel 159 (5795MHz)-1



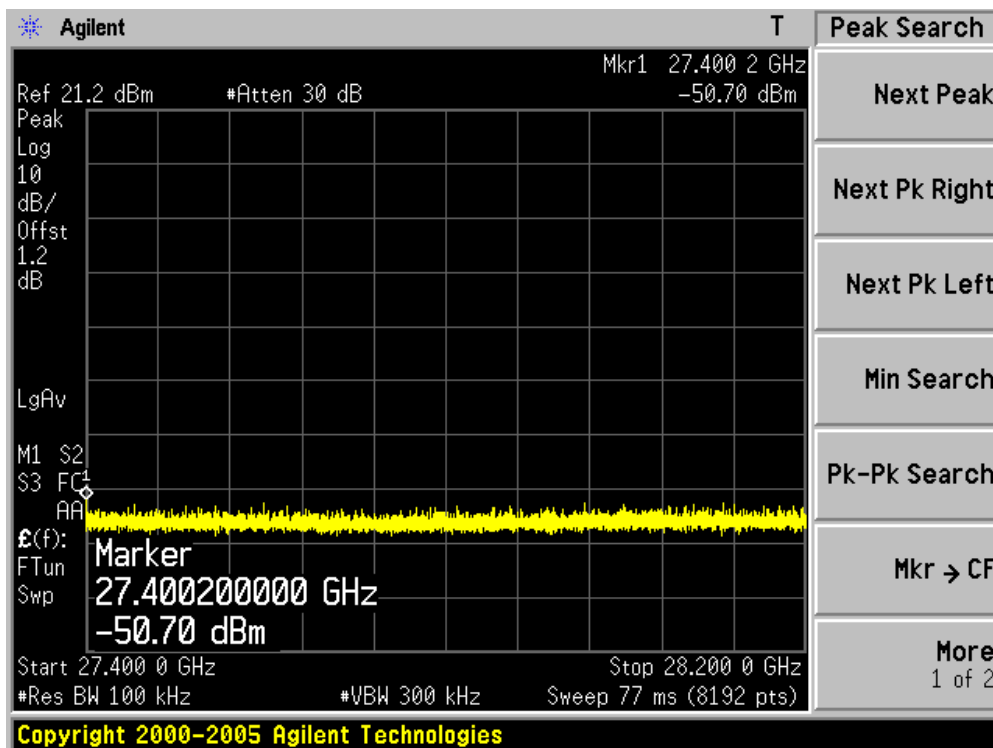
### Channel 159 (5795MHz)-2



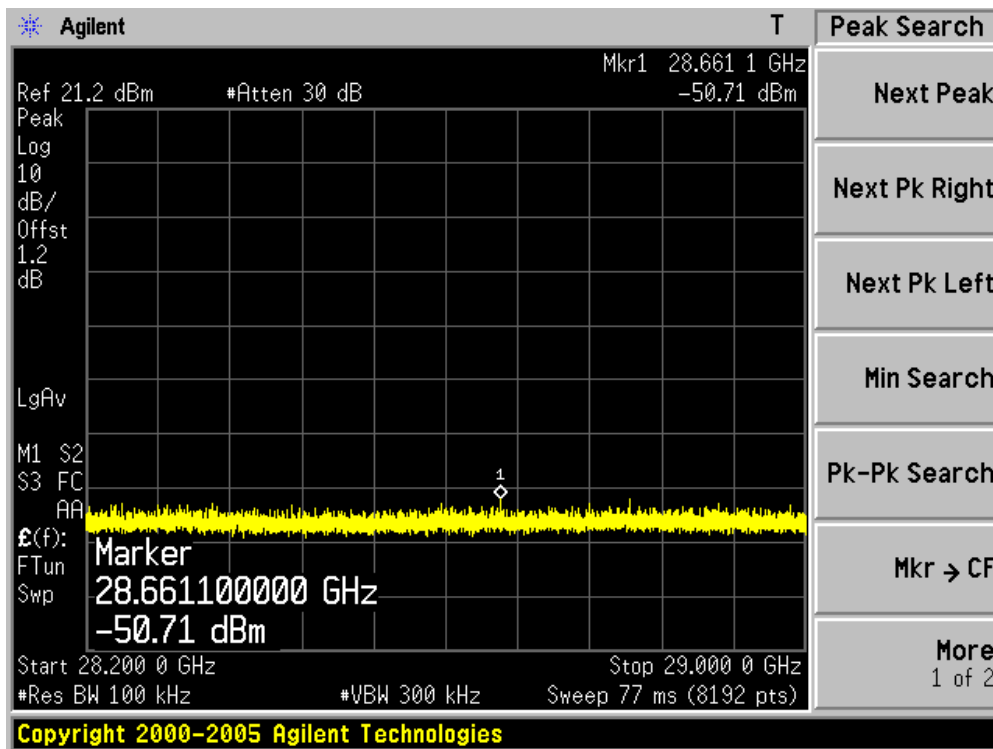
### Channel 159 (5795MHz)-3



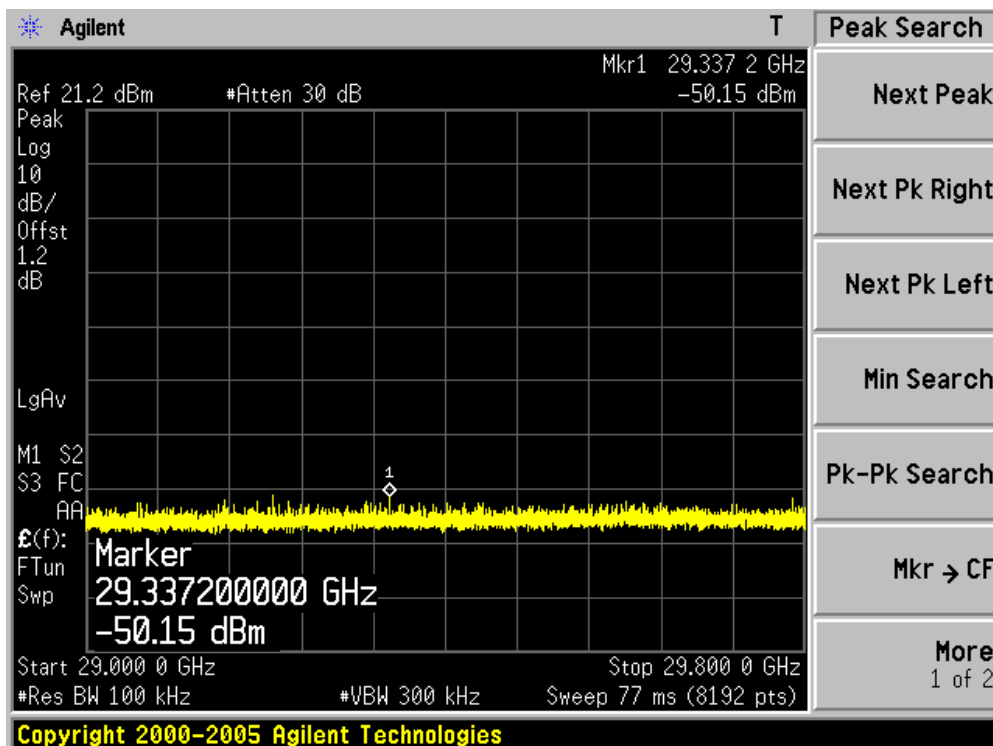
Channel 159 (5795MHz)-4



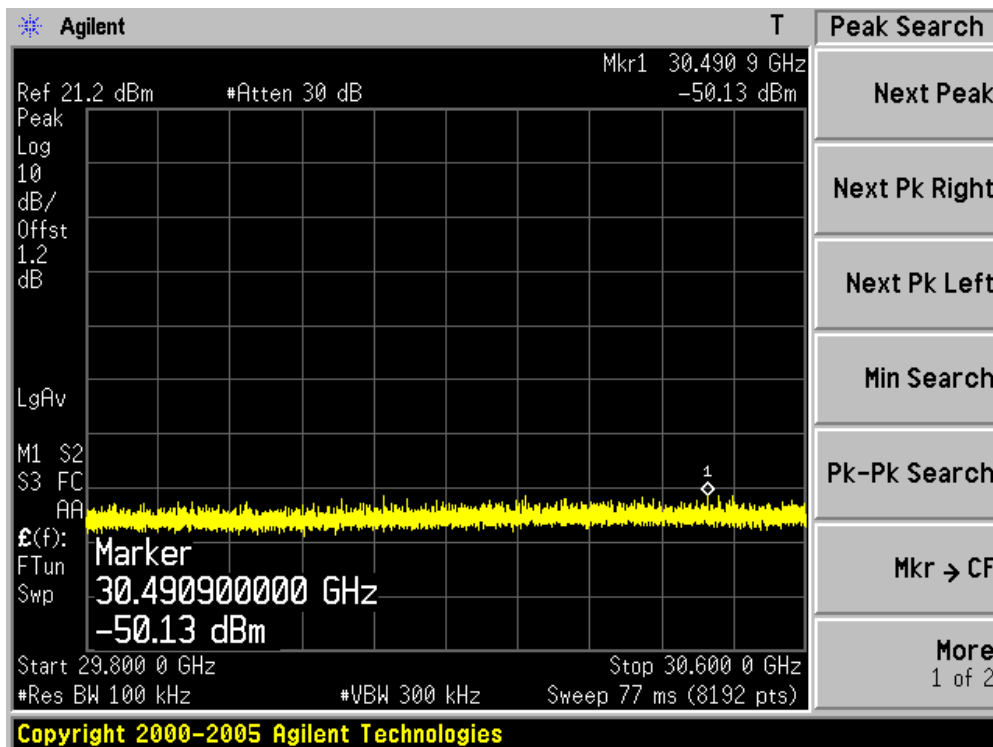
Channel 159 (5795MHz)-5



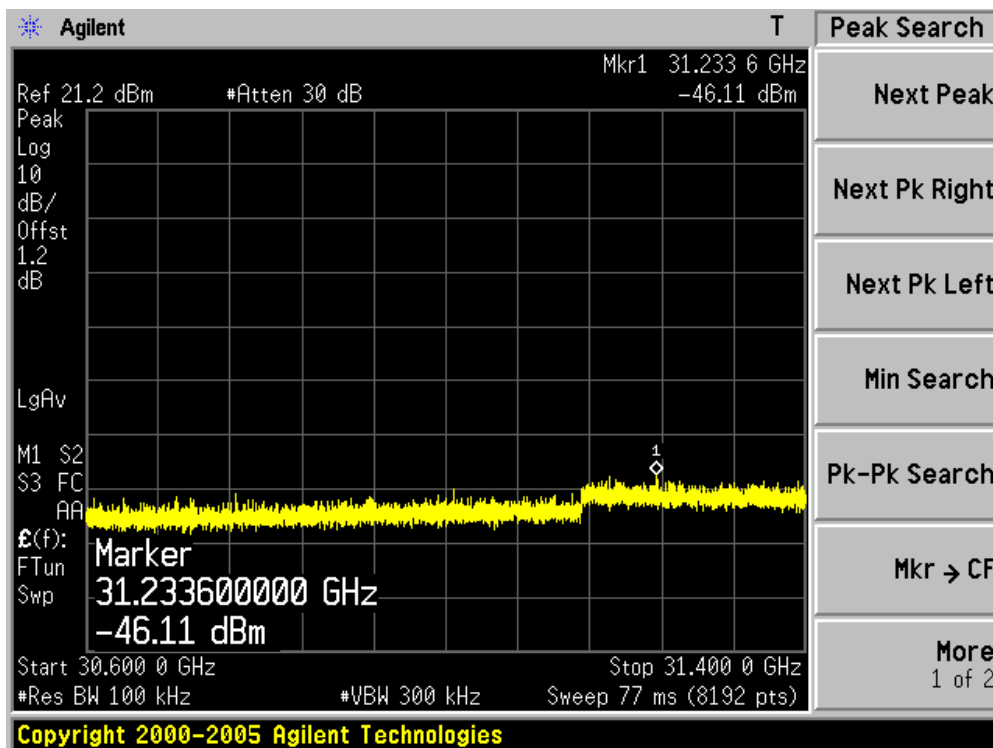
Channel 159 (5795MHz)-6



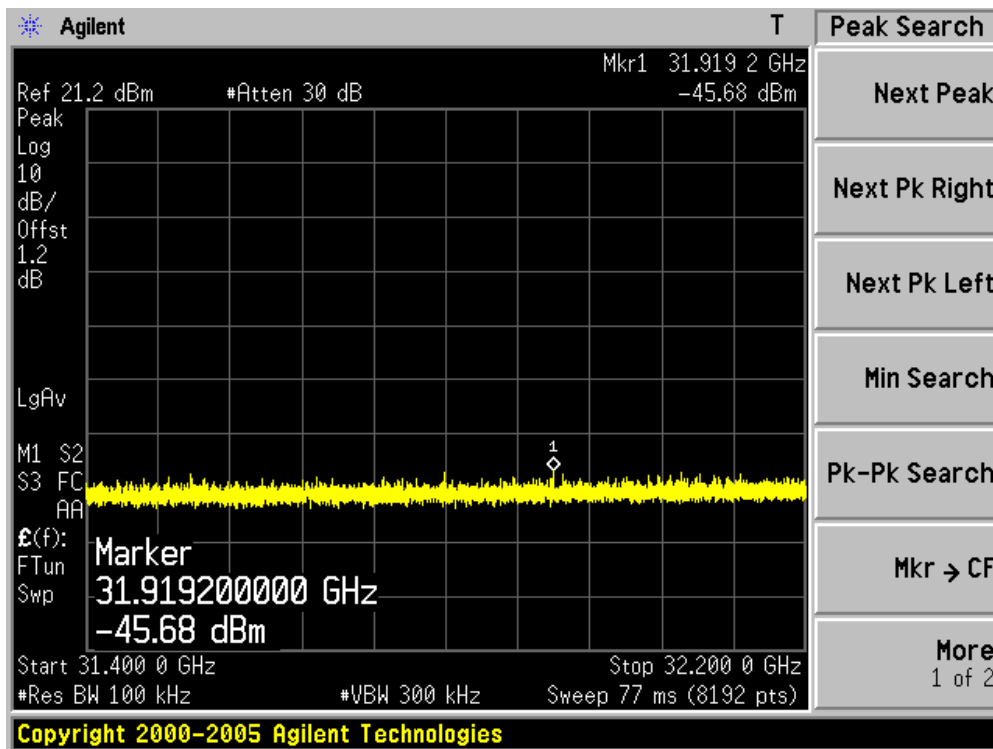
Channel 159 (5795MHz)-7



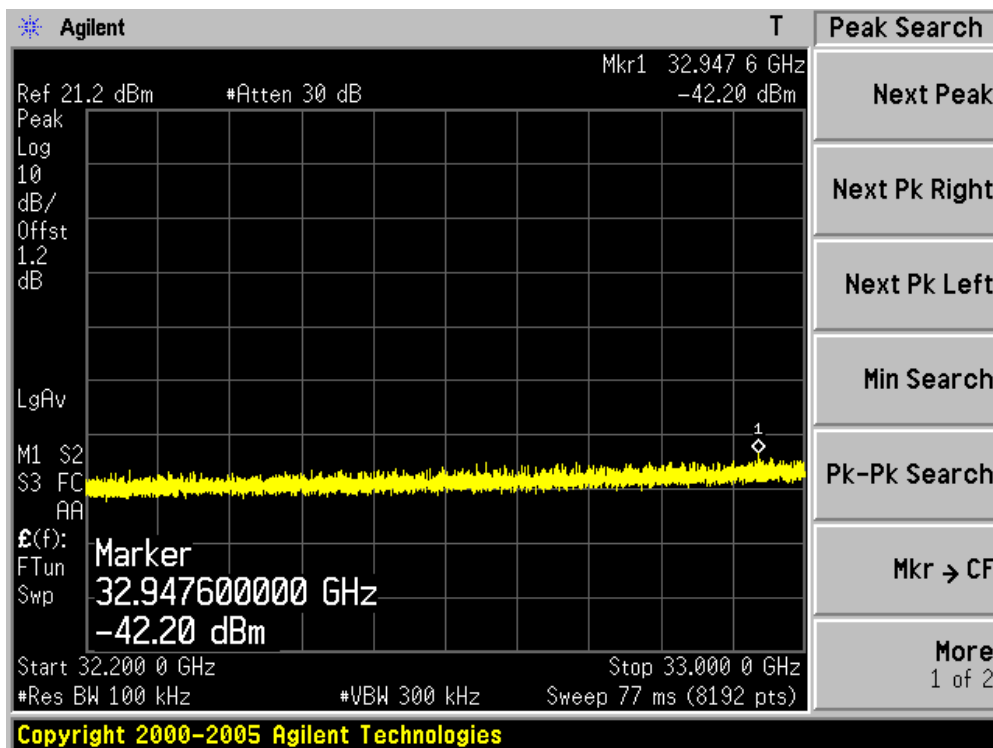
Channel 159 (5795MHz)-8



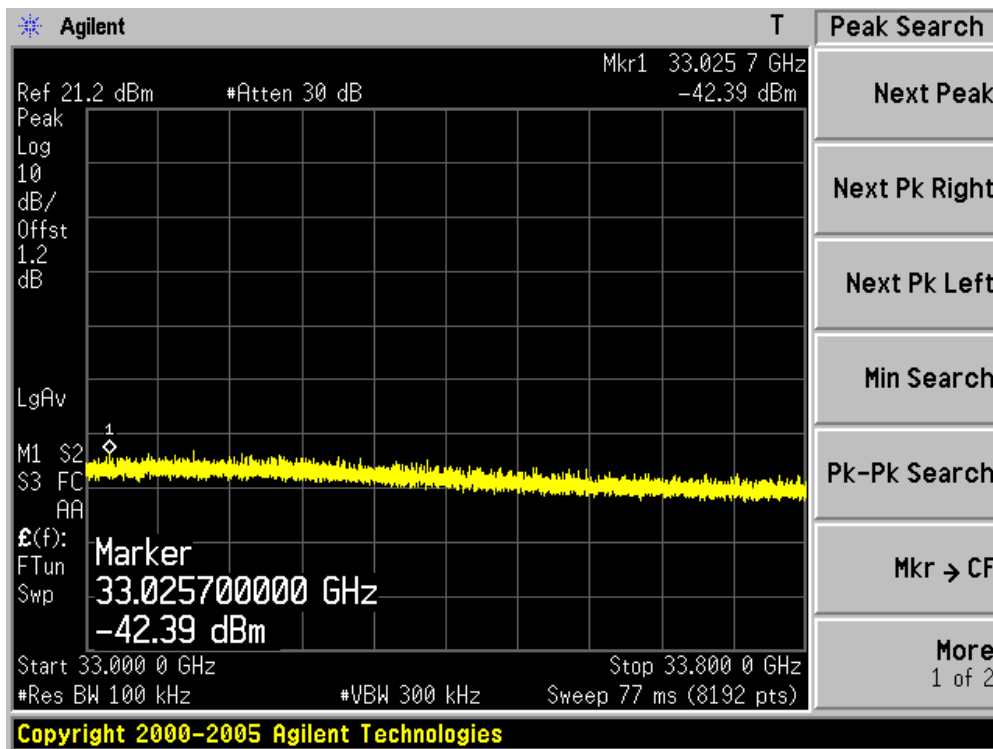
Channel 159 (5795MHz)-9



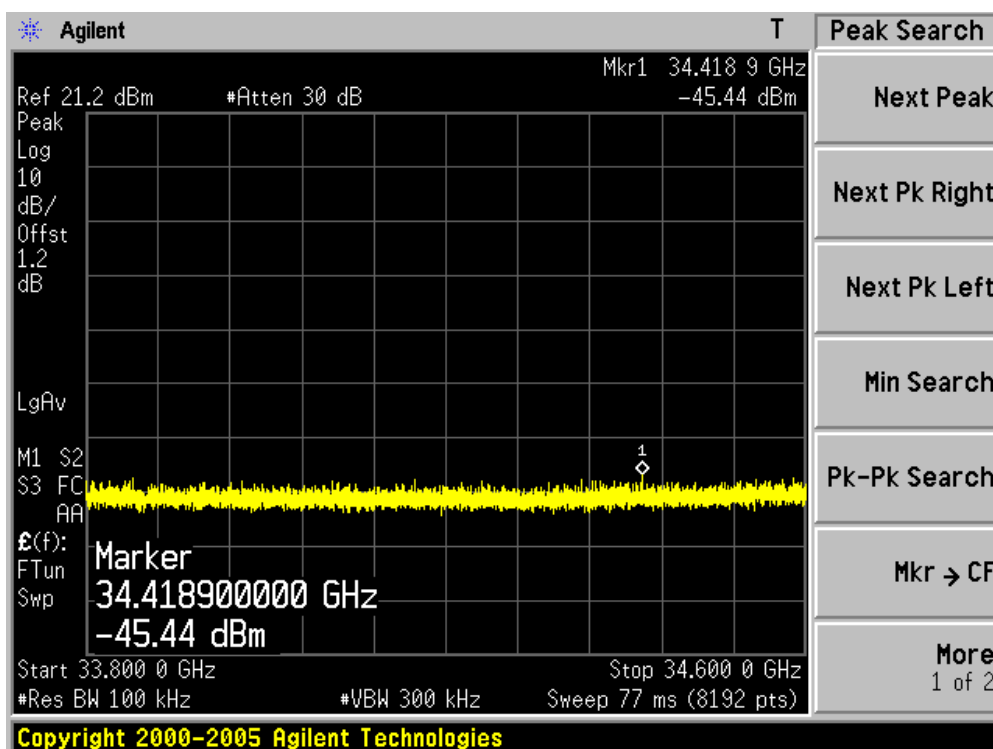
Channel 159 (5795MHz)-10



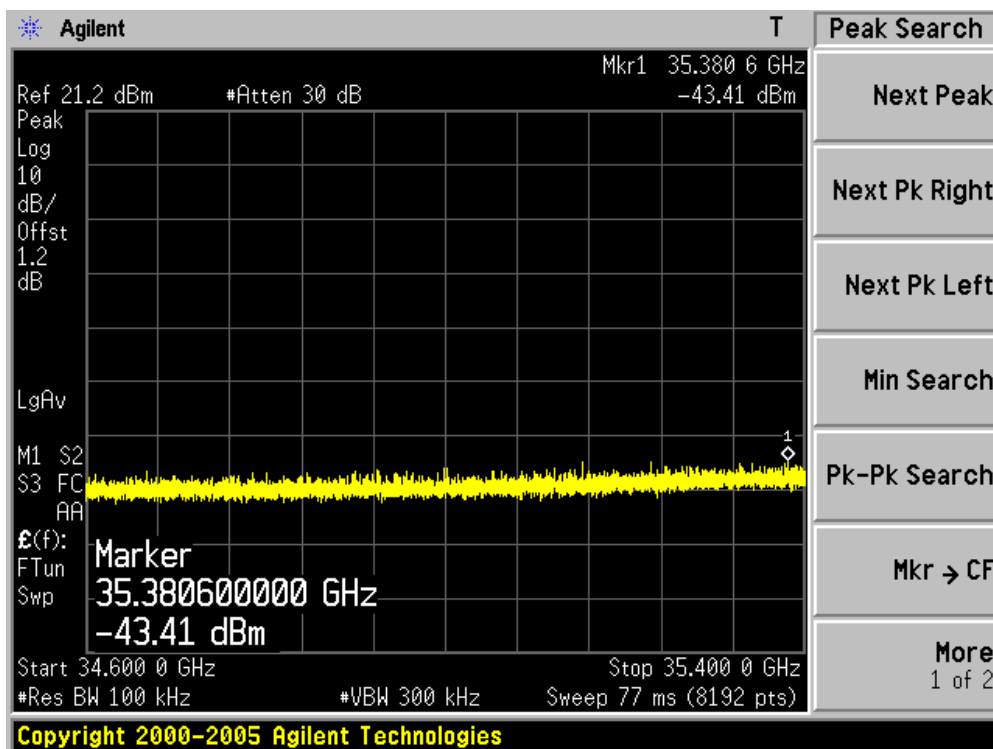
Channel 159 (5795MHz)-11



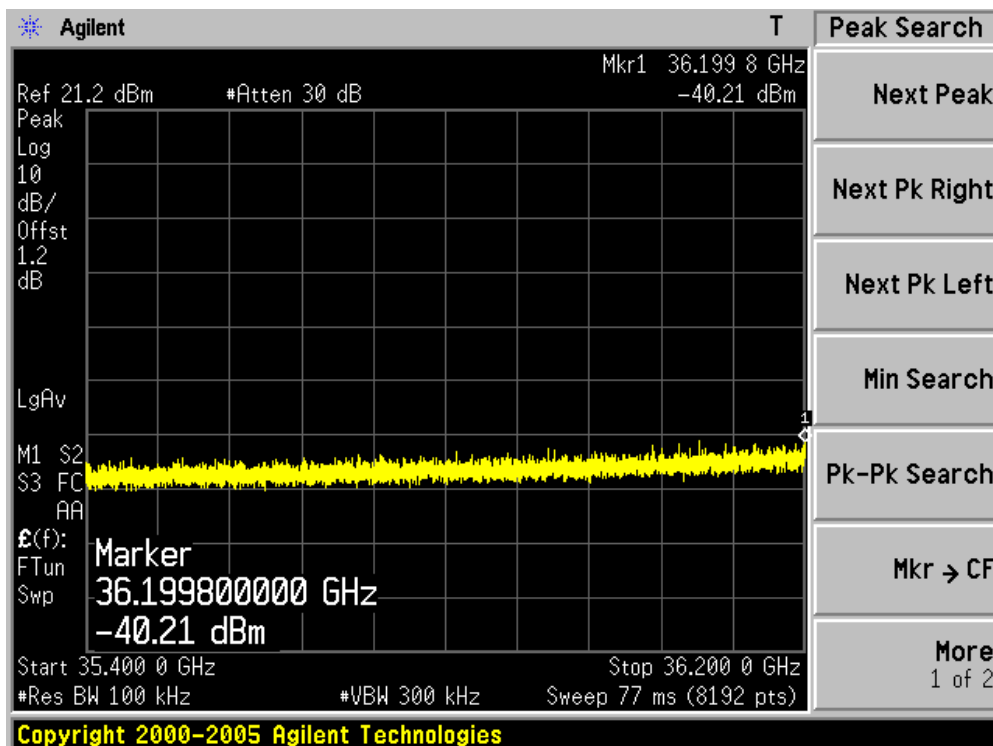
### Channel 159 (5795MHz)-12



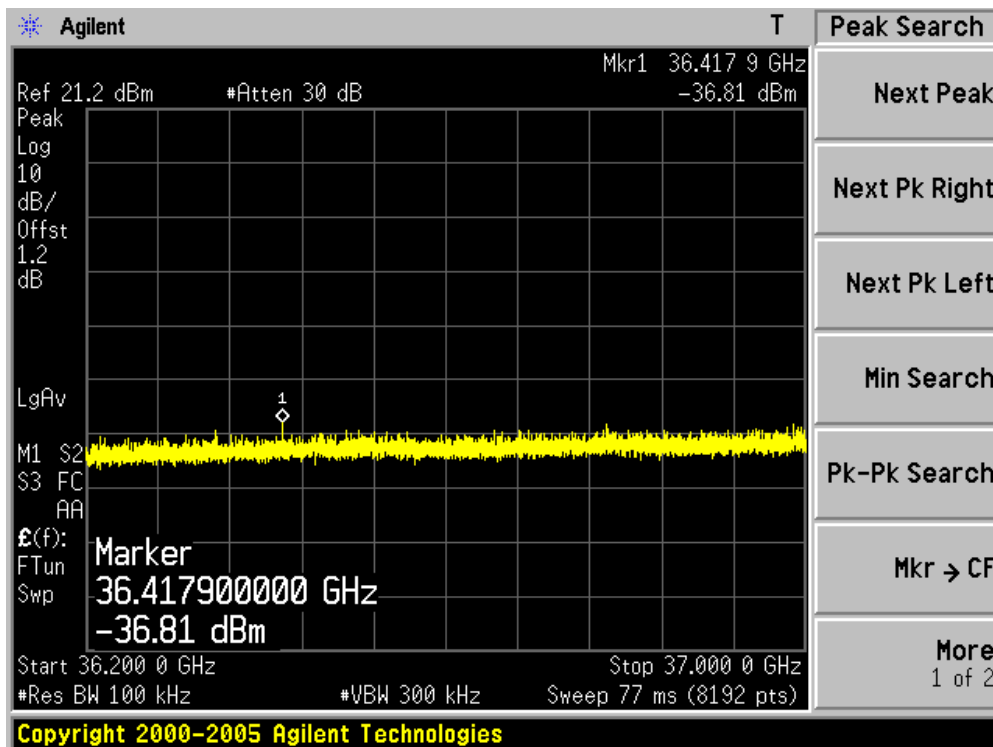
### Channel 159 (5795MHz)-13



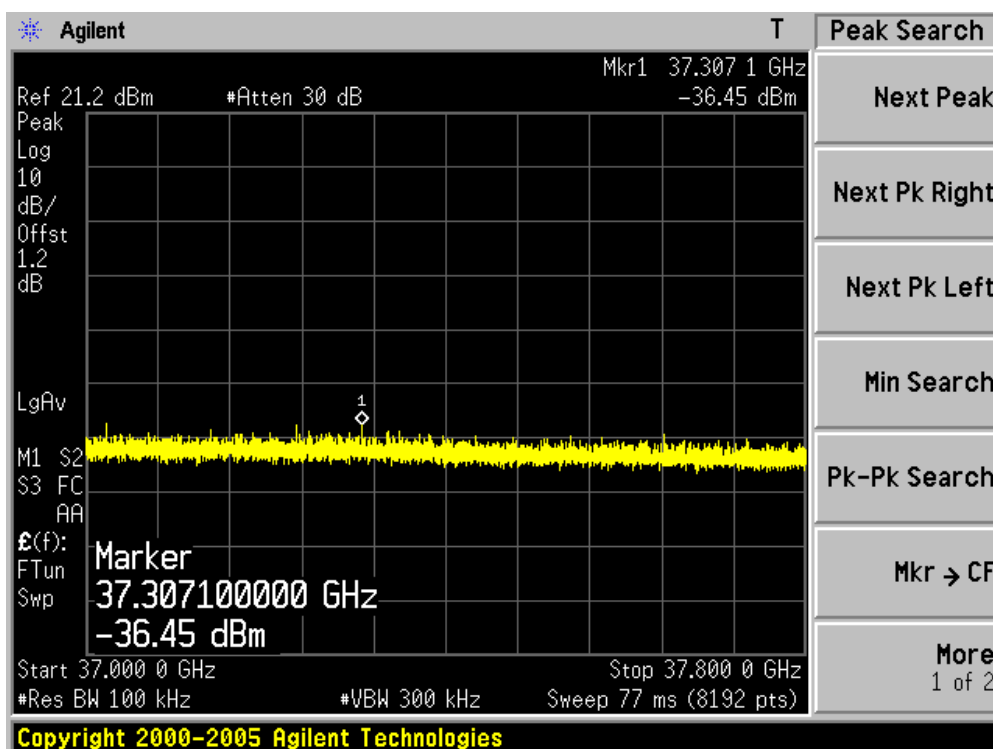
Channel 159 (5795MHz)-14



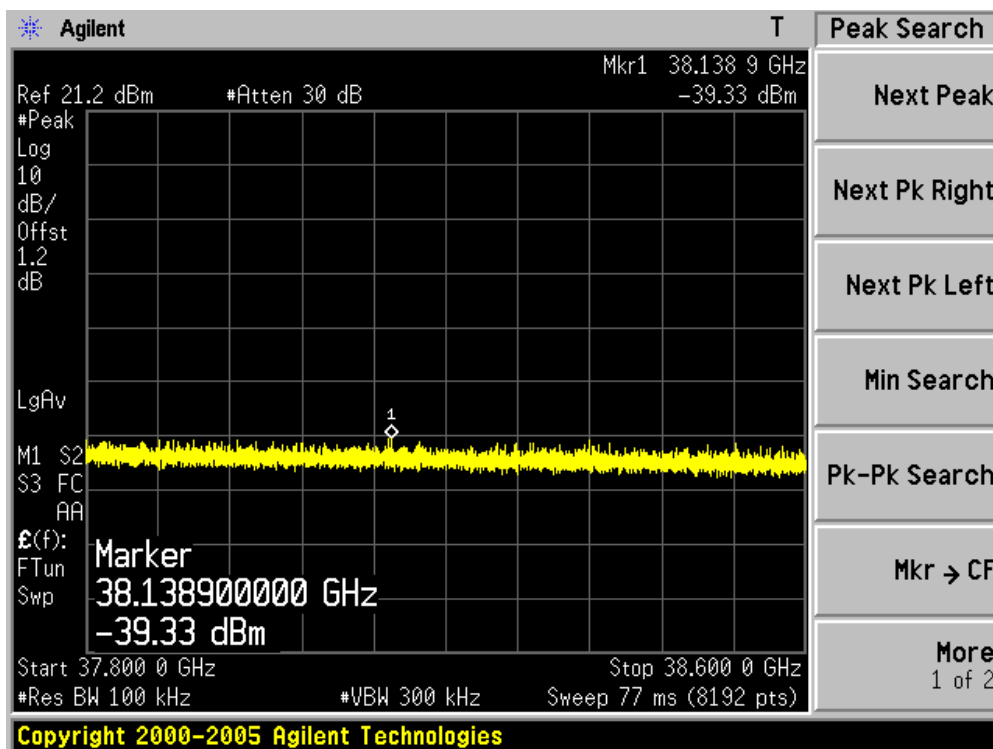
Channel 159 (5795MHz)-15



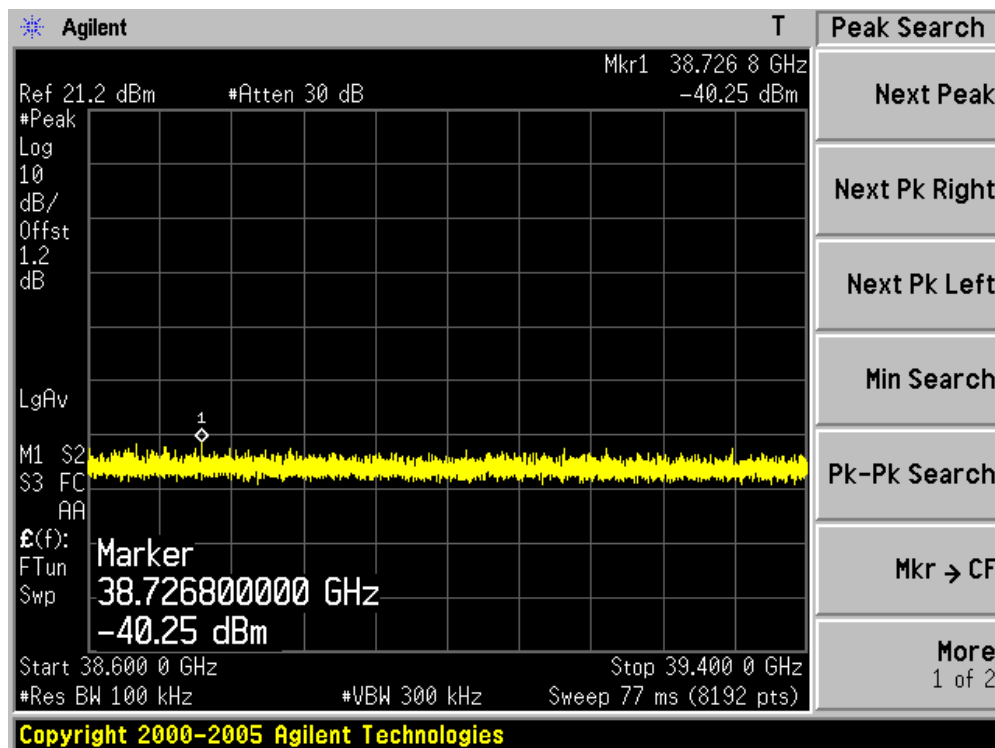
Channel 159 (5795MHz)-16



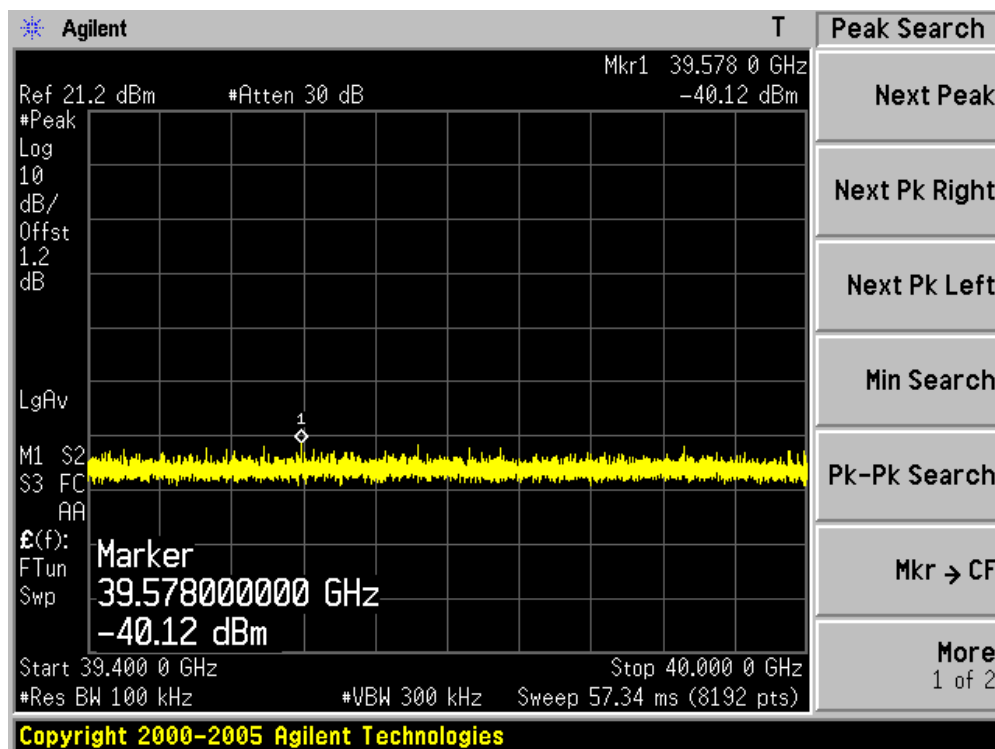
Channel 159 (5795MHz)-17



### Channel 159 (5795MHz)-18

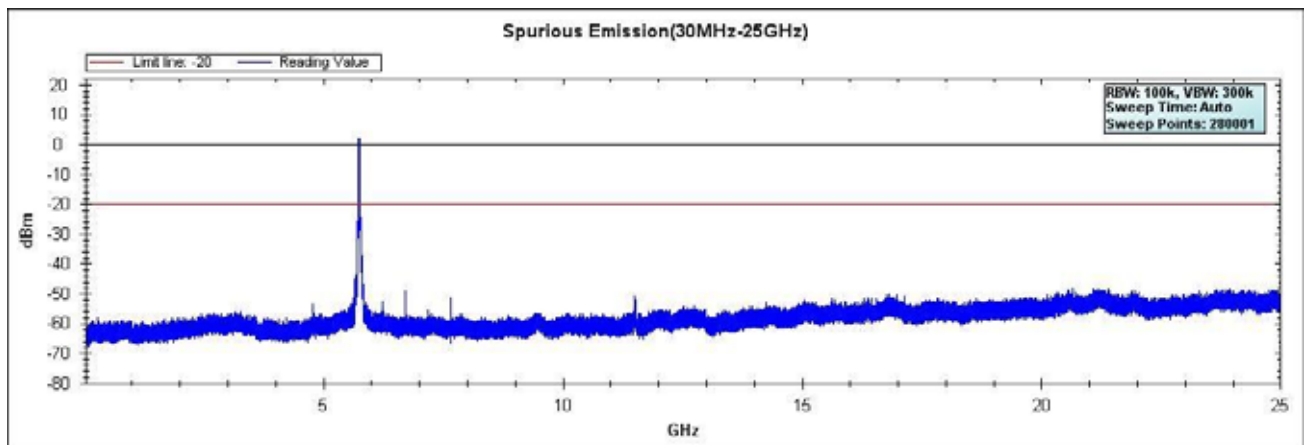


### Channel 159 (5795MHz)-19

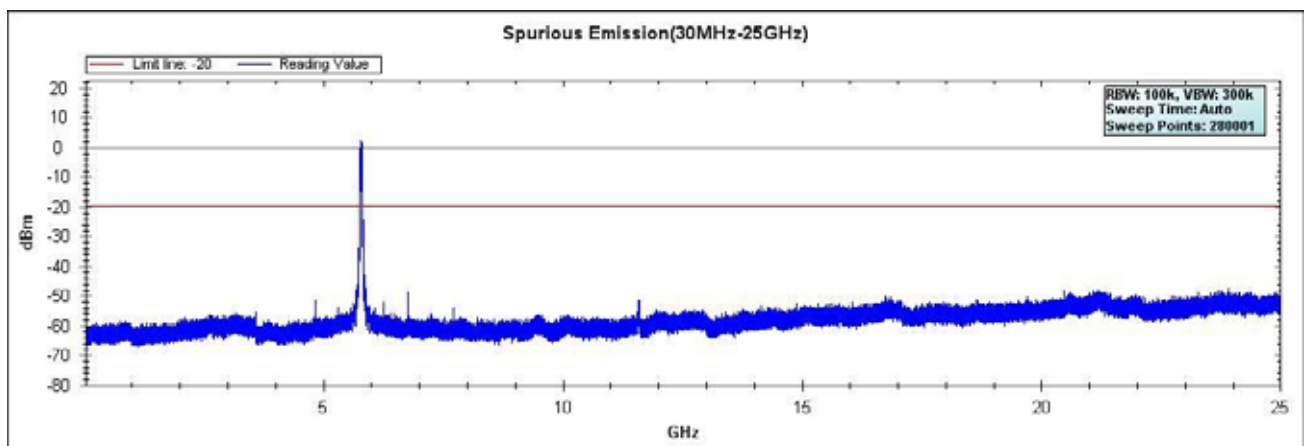


|           |   |                                             |
|-----------|---|---------------------------------------------|
| Product   | : | Mi Wi-Fi                                    |
| Test Item | : | RF Antenna Conducted Spurious               |
| Test Site | : | TR-8                                        |
| Test Mode | : | Mode 7: Transmit by 802.11ac(40MHz) (Ant 2) |

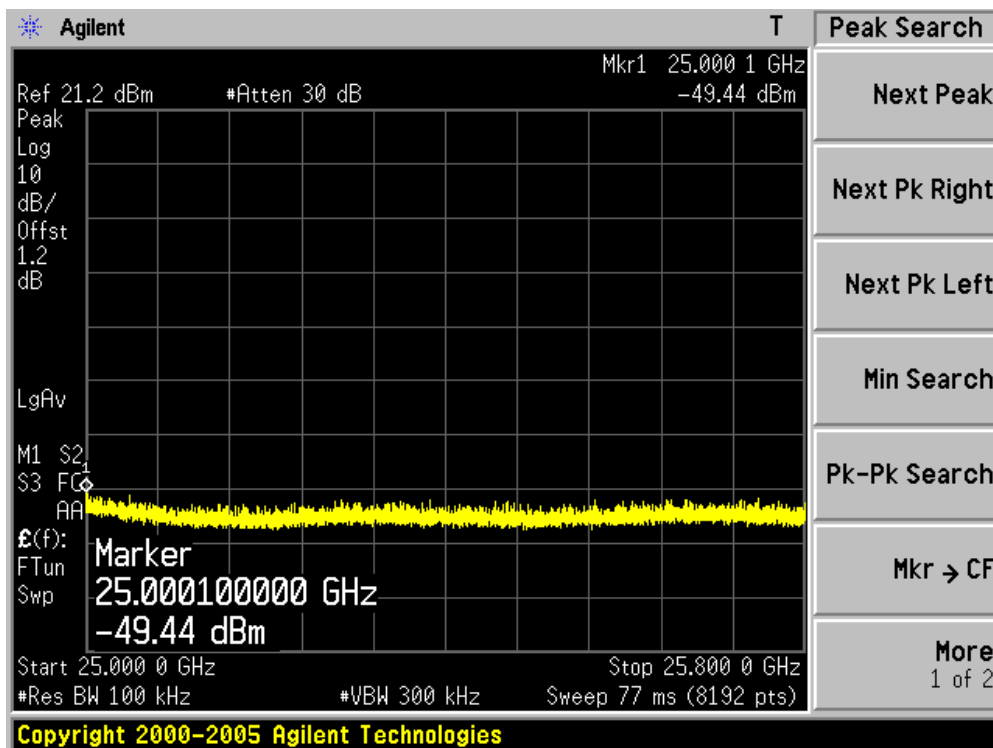
### Channel 151 (5755MHz)



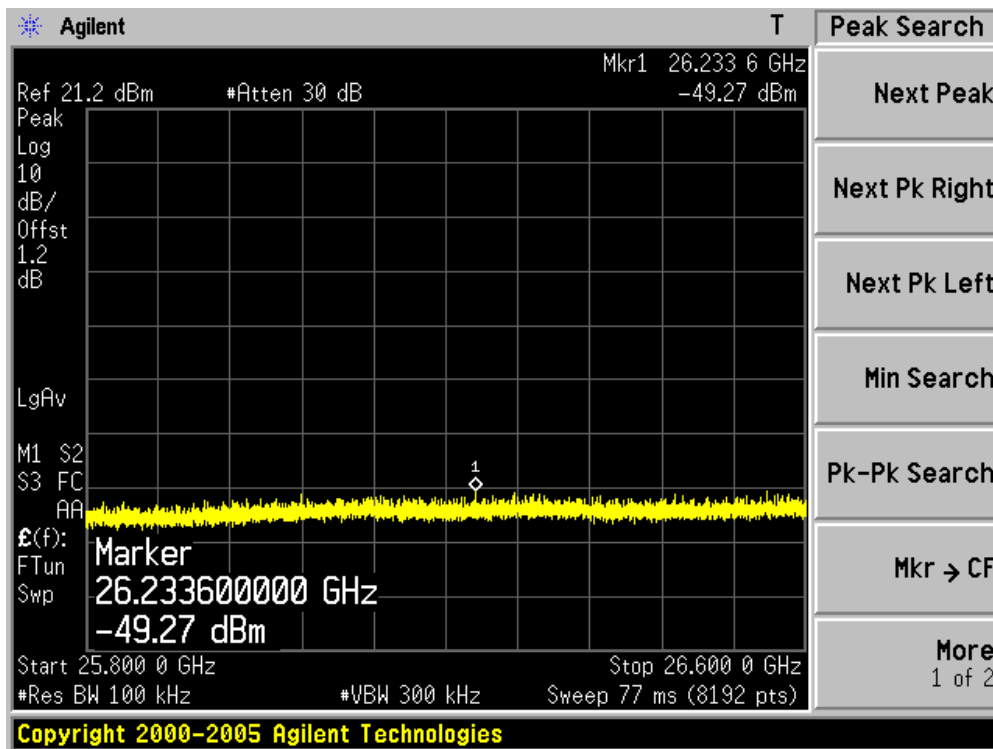
### Channel 159 (5795MHz)



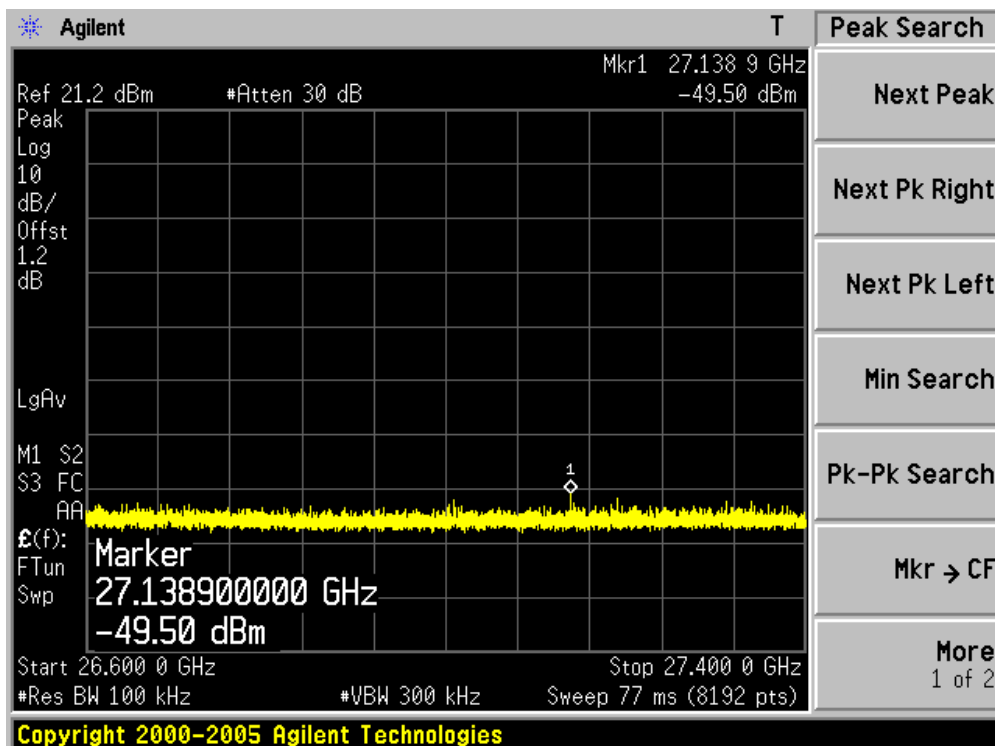
Channel 151 (5755MHz)-1



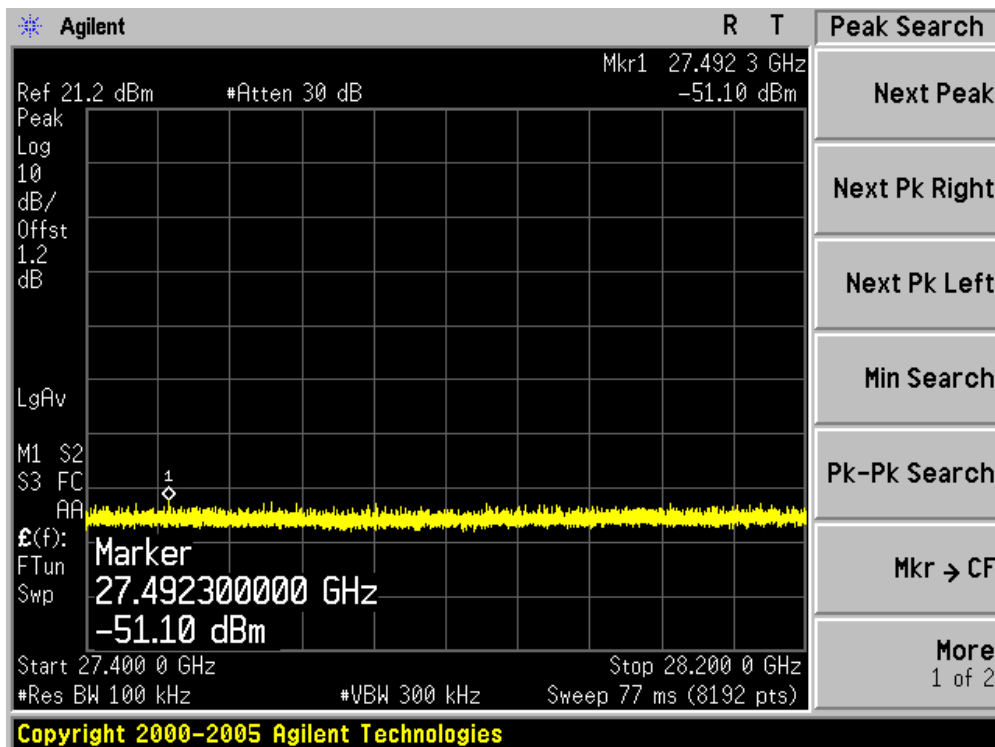
Channel 151 (5755MHz)-2



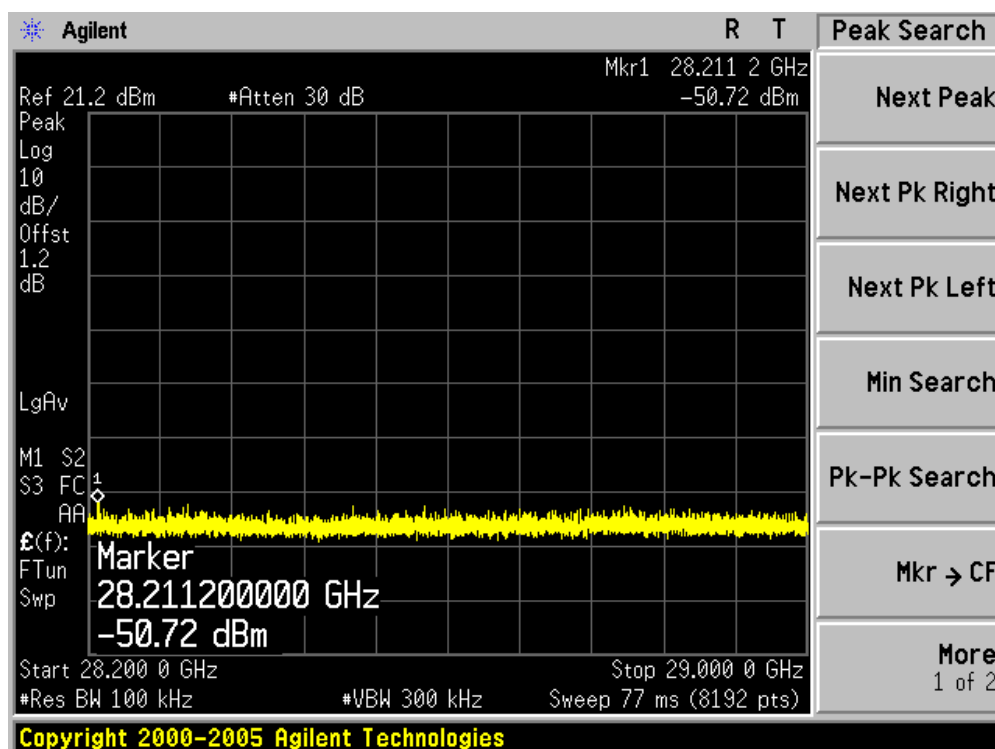
### Channel 151 (5755MHz)-3



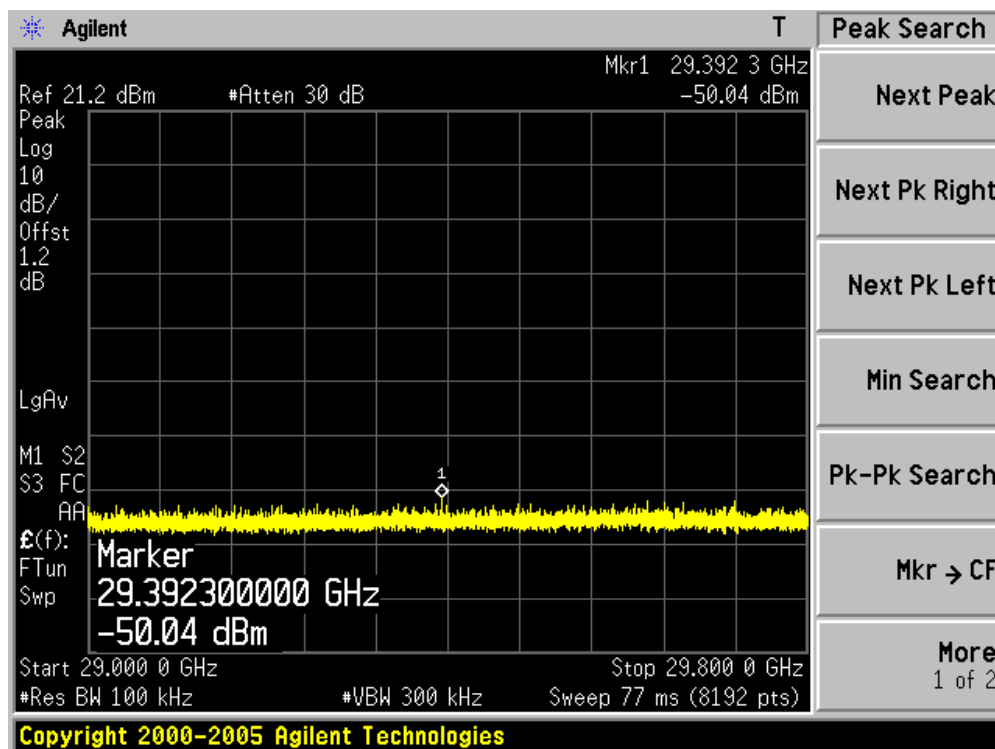
### Channel 151 (5755MHz)-4



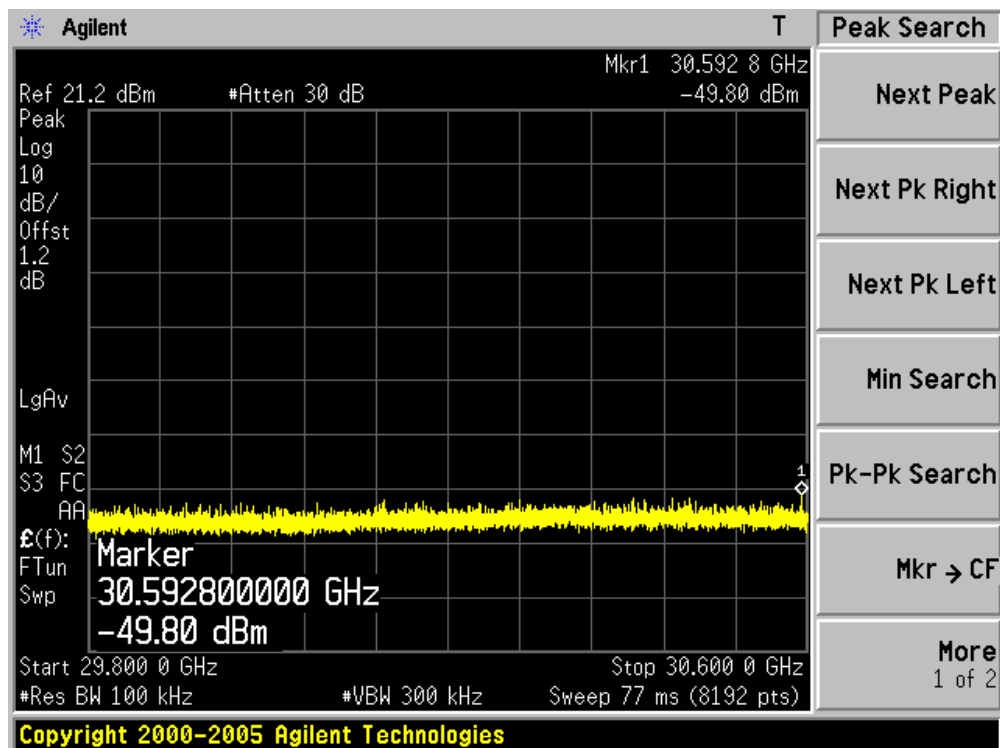
### Channel 151 (5755MHz)-5



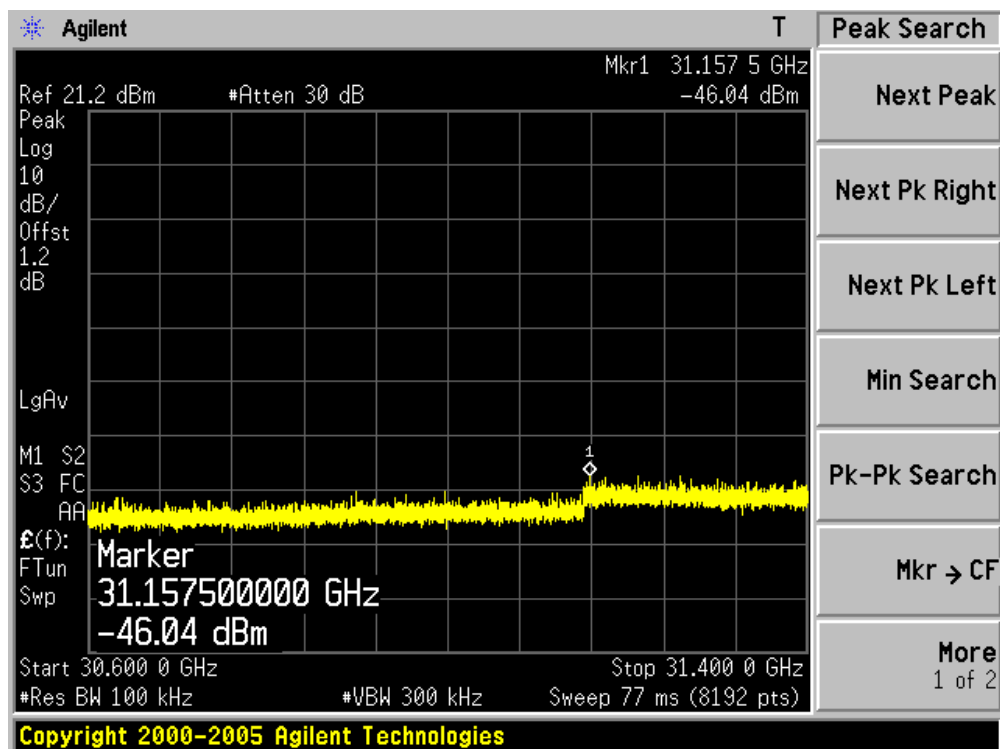
### Channel 151 (5755MHz)-6



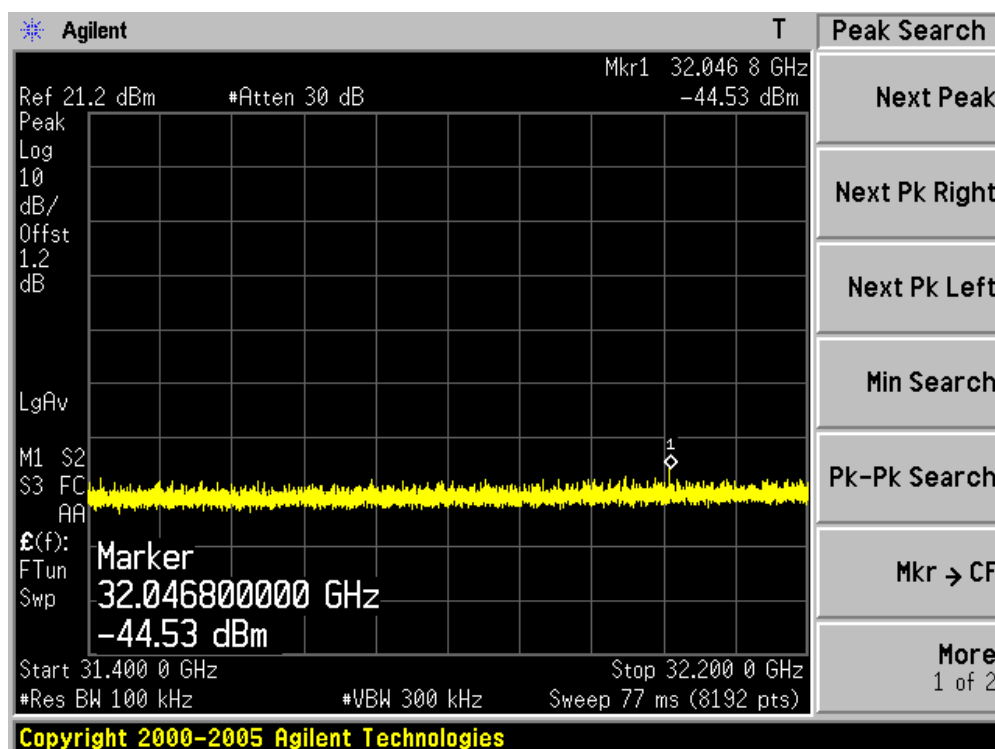
Channel 151 (5755MHz)-7



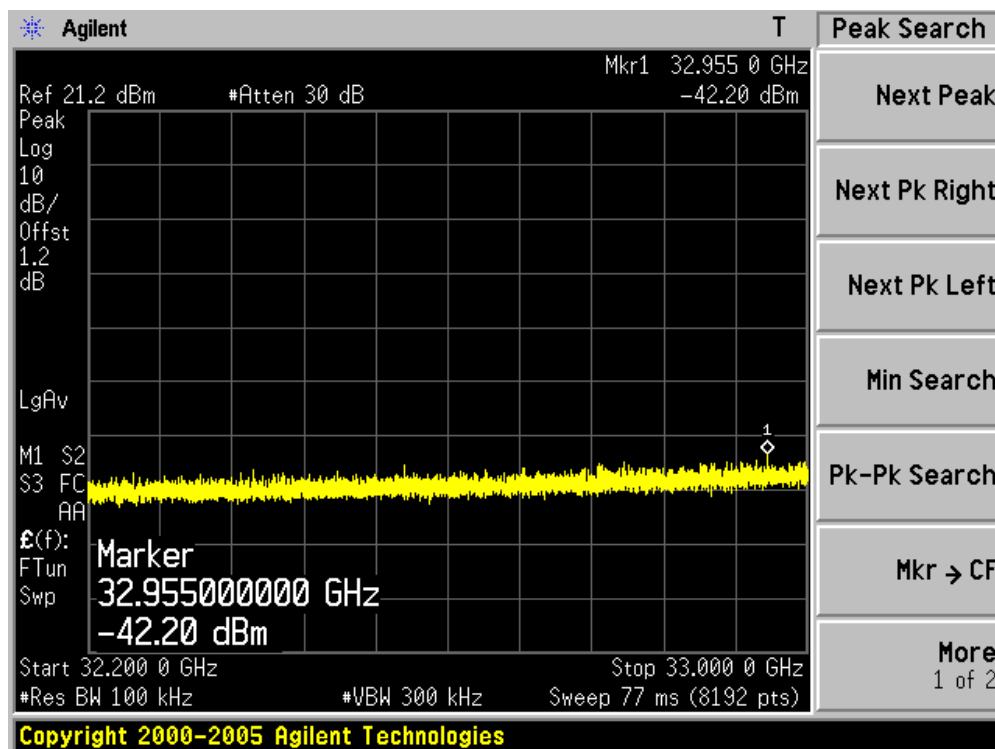
Channel 151 (5755MHz)-8



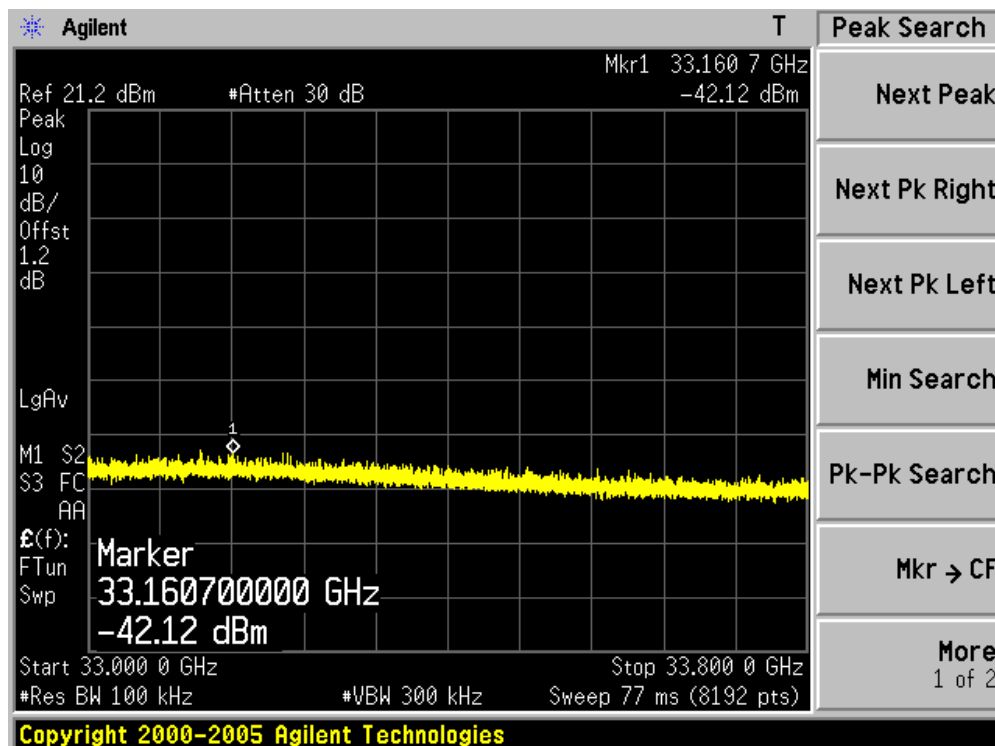
### Channel 151 (5755MHz)-9



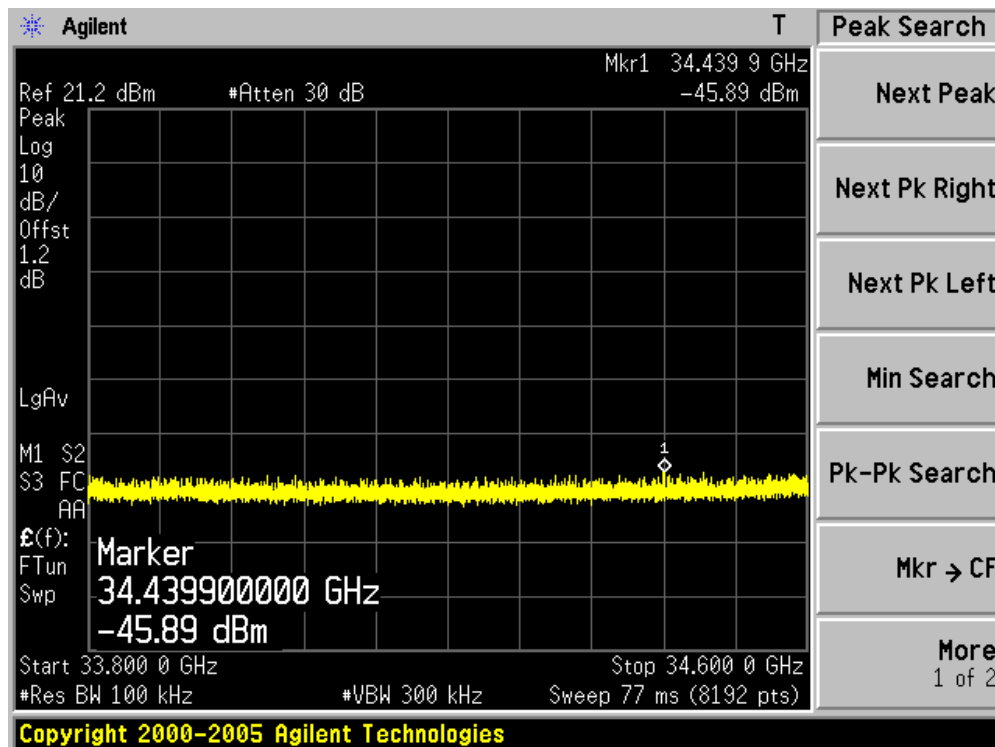
### Channel 151 (5755MHz)-10



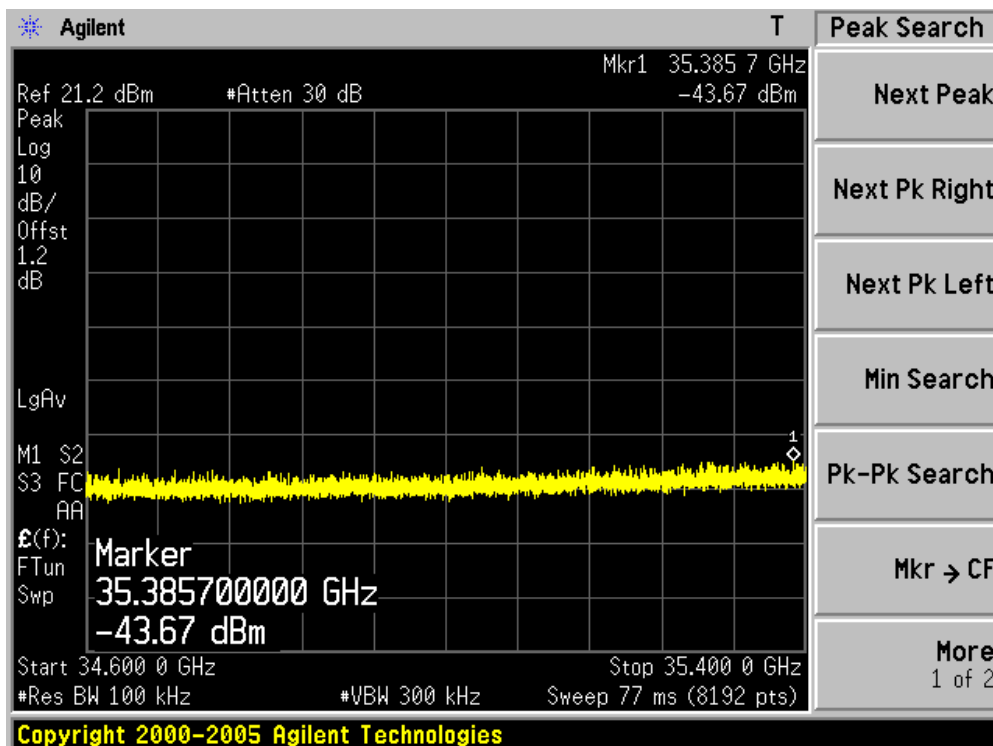
Channel 151 (5755MHz)-11



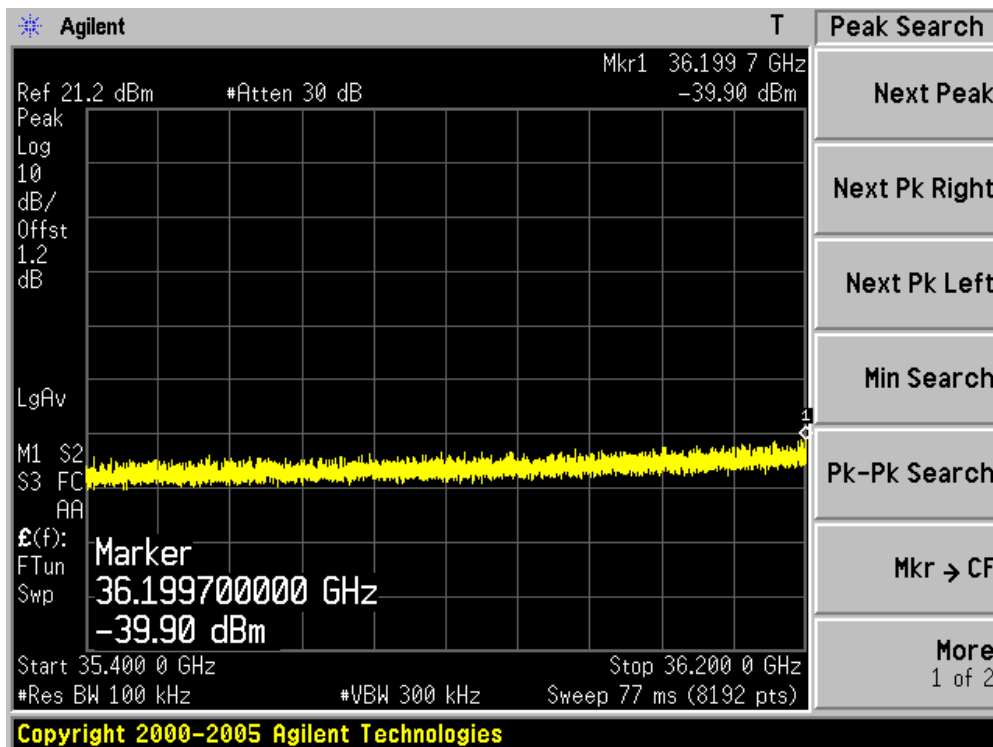
Channel 151 (5755MHz)-12



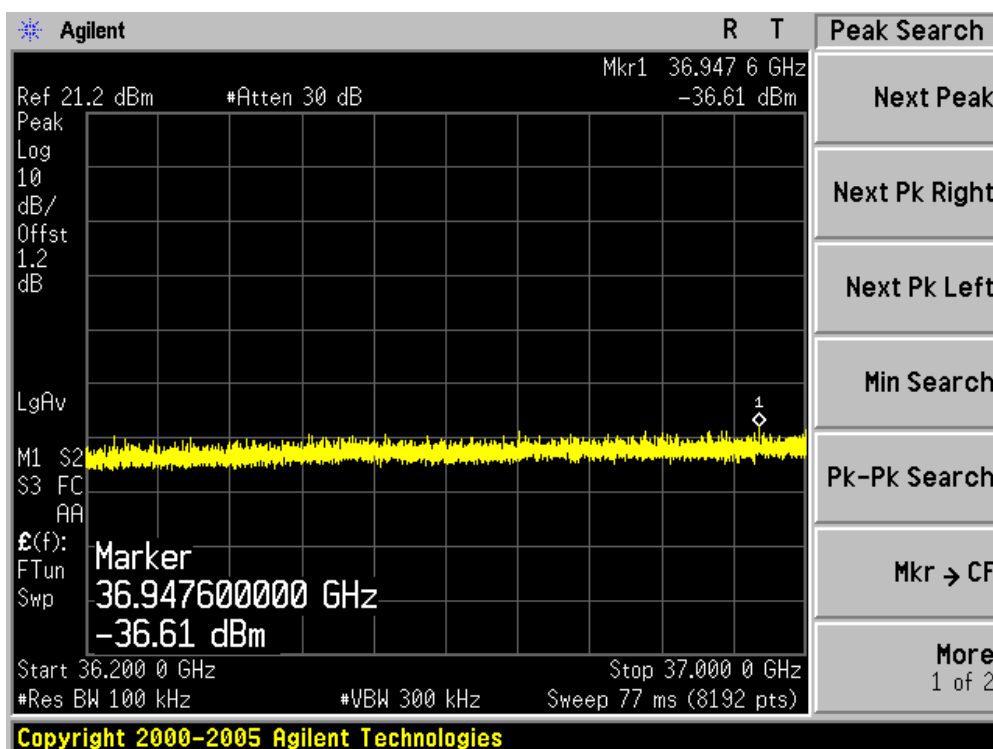
Channel 151 (5755MHz)-13



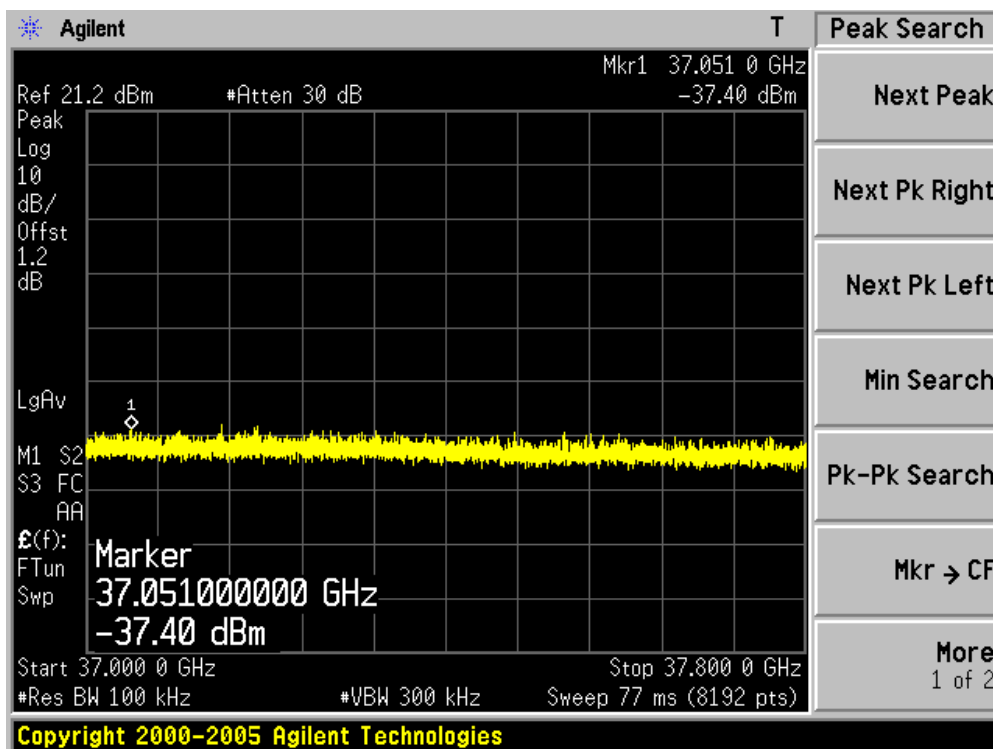
Channel 151 (5755MHz)-14



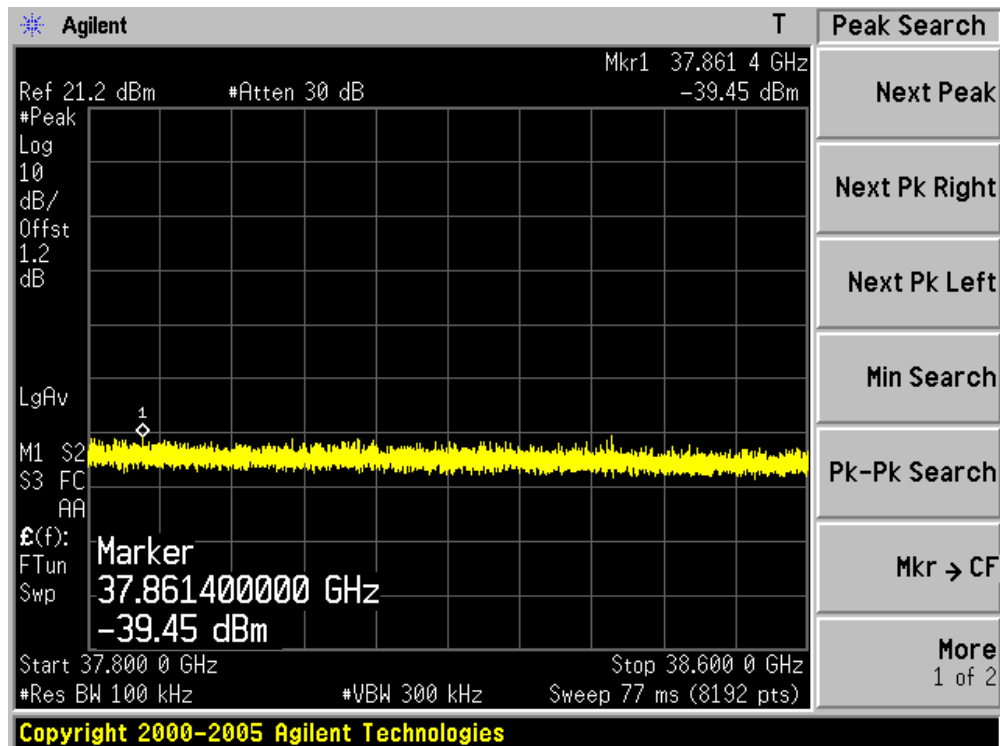
Channel 151 (5755MHz)-15



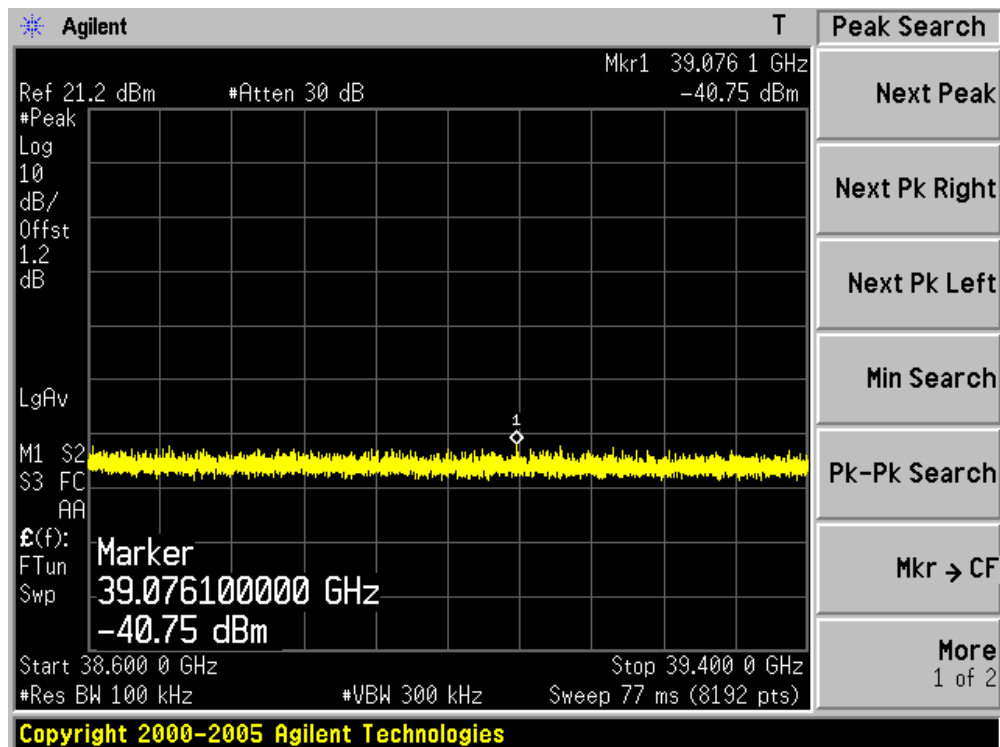
Channel 151 (5755MHz)-16



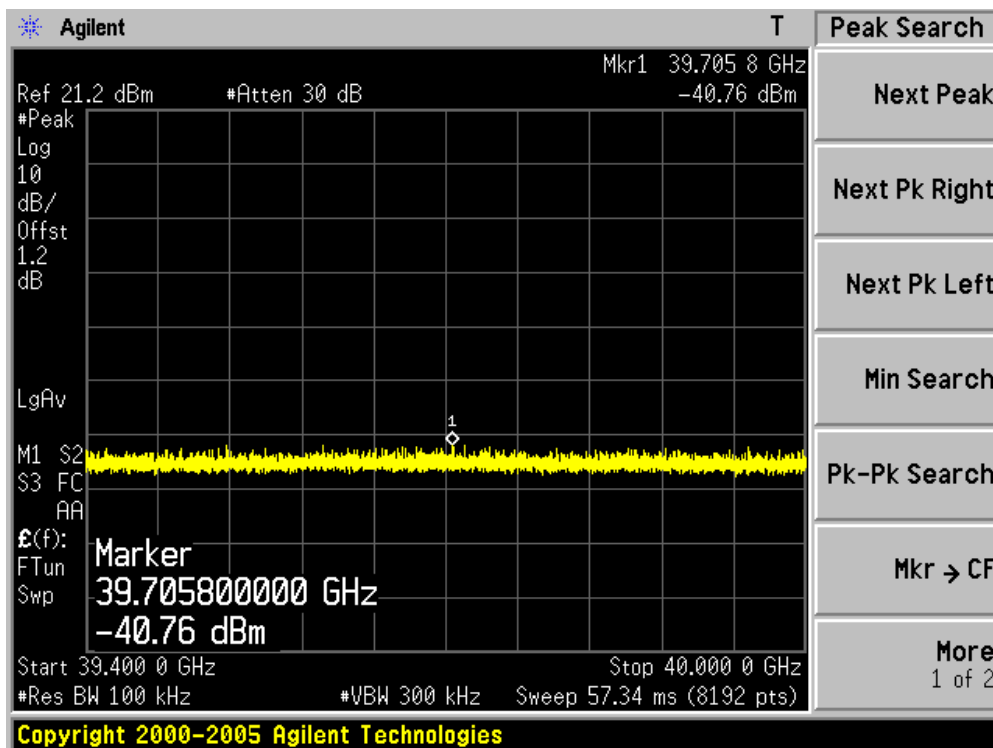
Channel 151 (5755MHz)-17



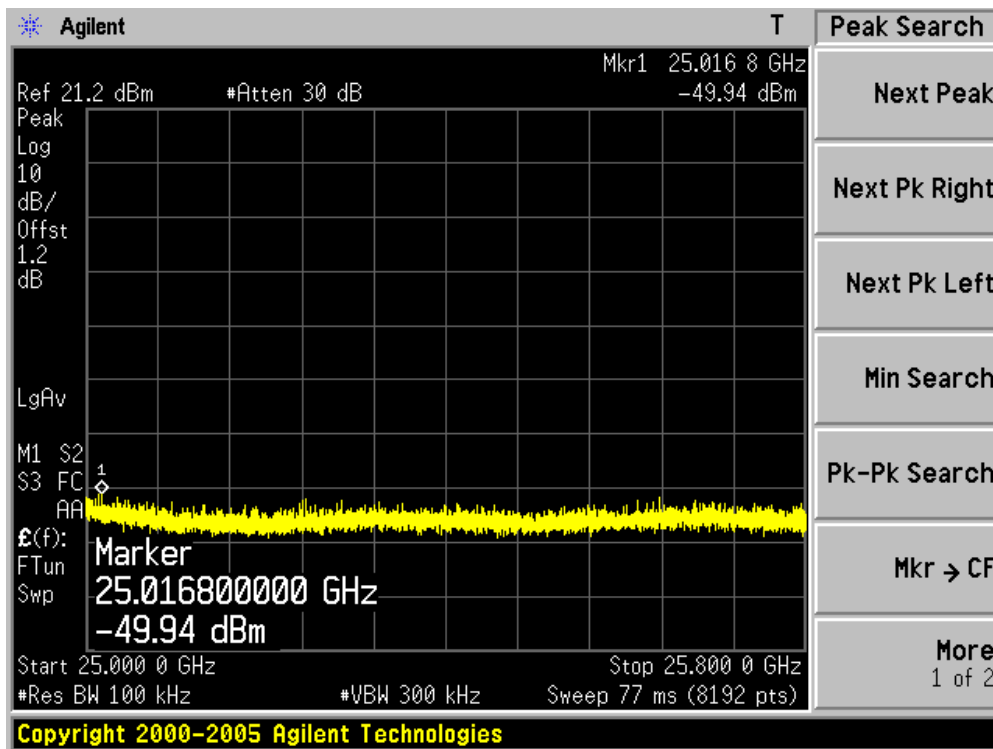
Channel 151 (5755MHz)-18



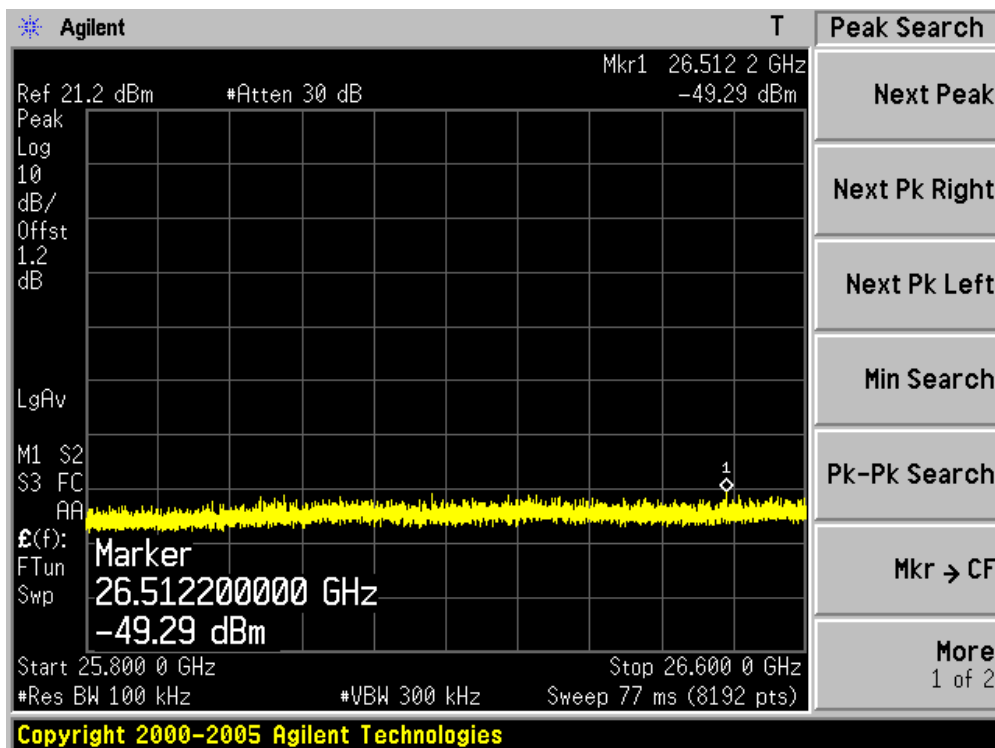
Channel 151 (5755MHz)-19



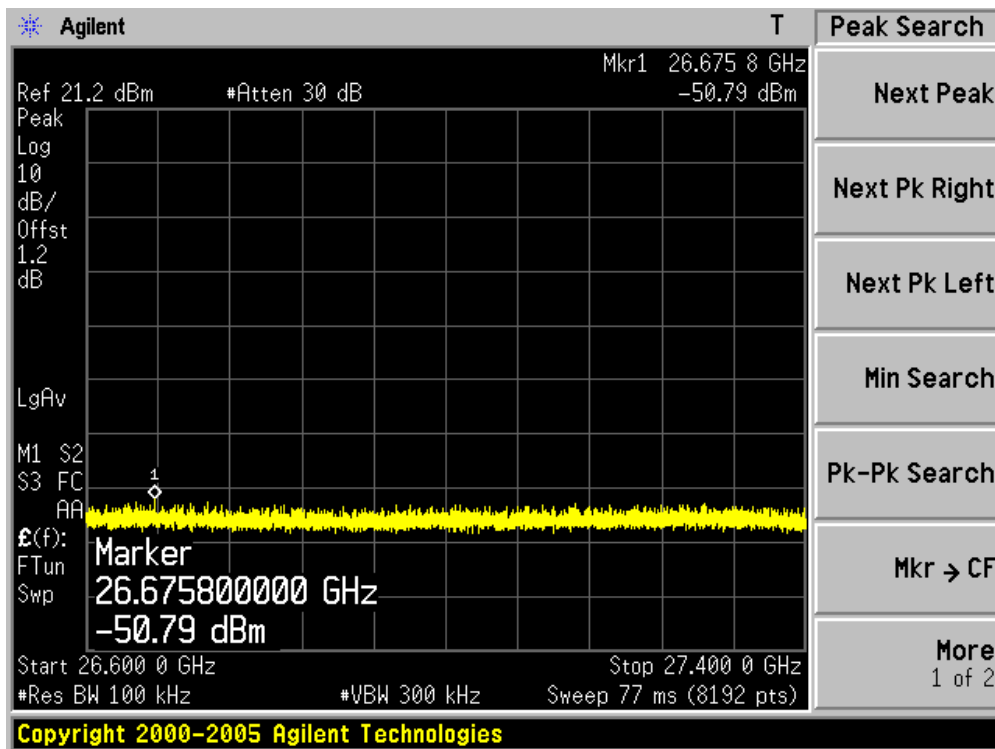
Channel 159 (5795MHz)-1



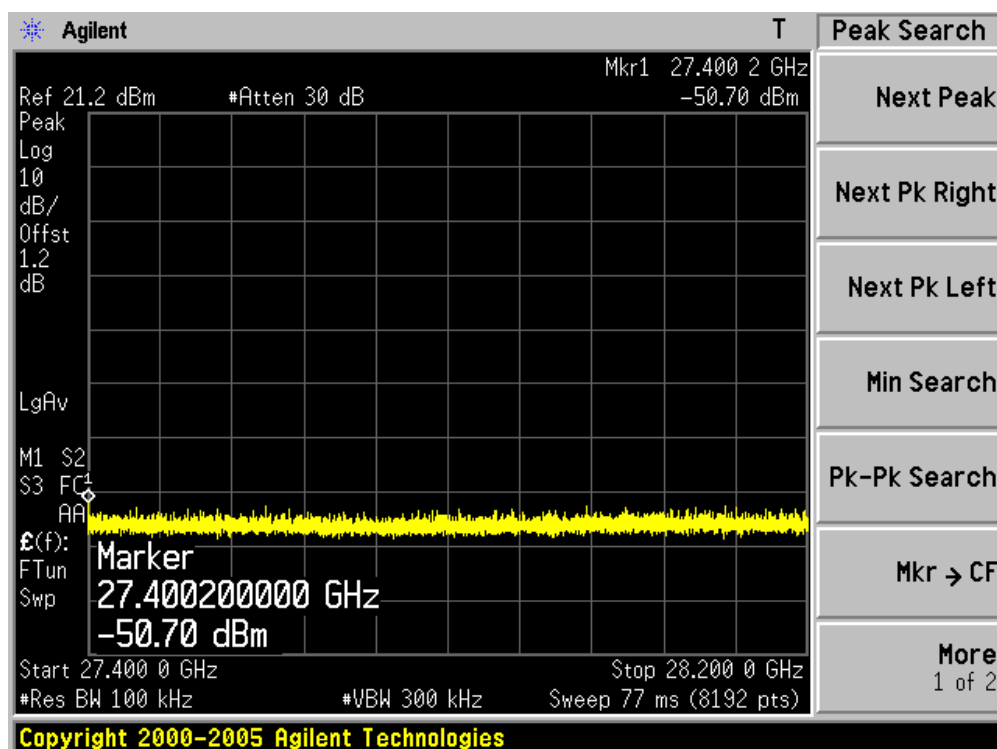
Channel 159 (5795MHz)-2



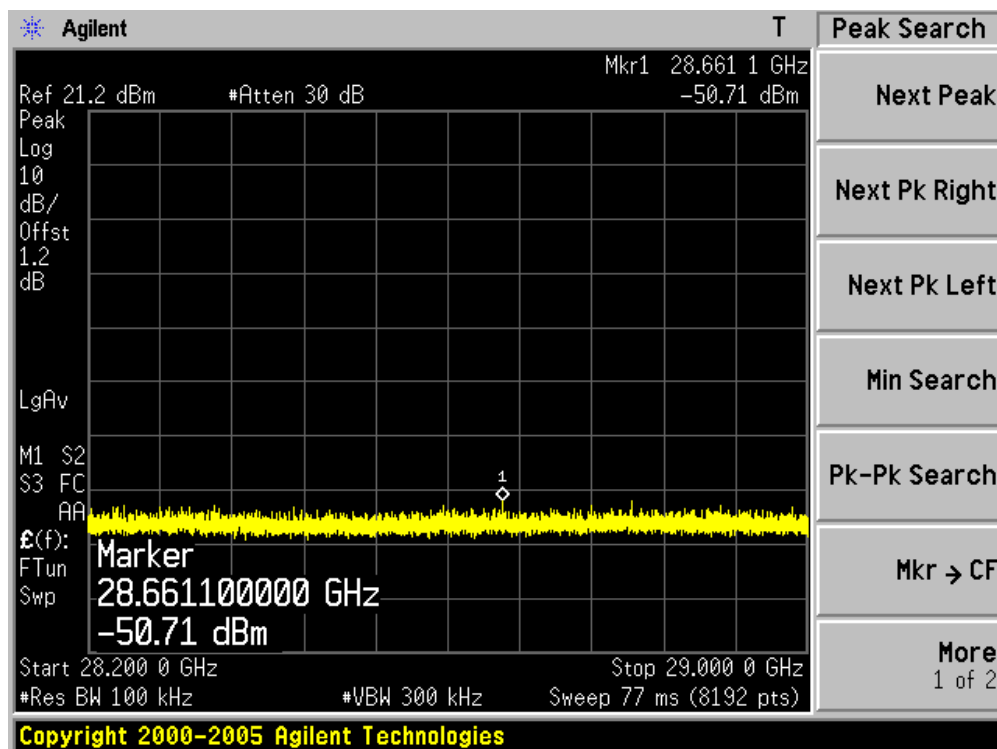
Channel 159 (5795MHz)-3



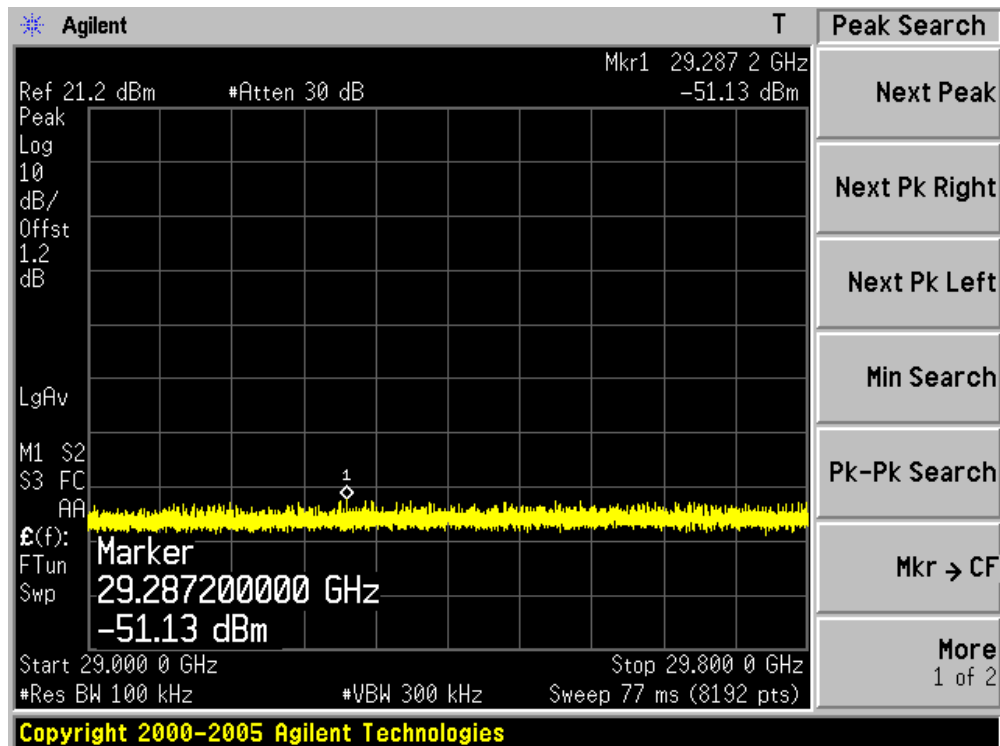
### Channel 159 (5795MHz)-4



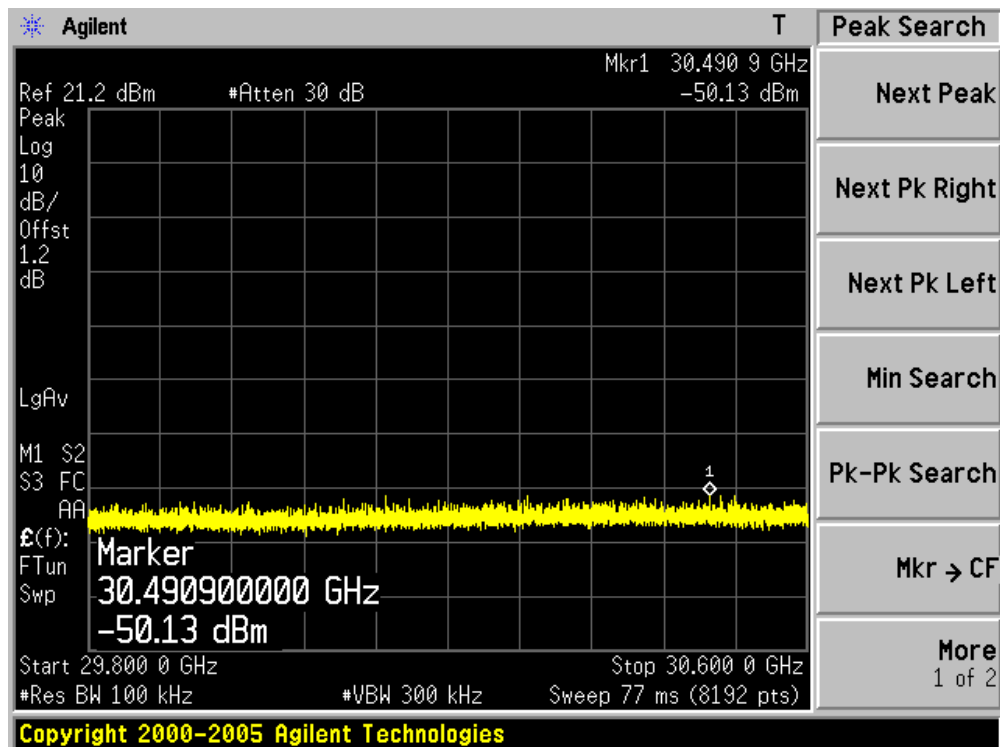
### Channel 159 (5795MHz)-5



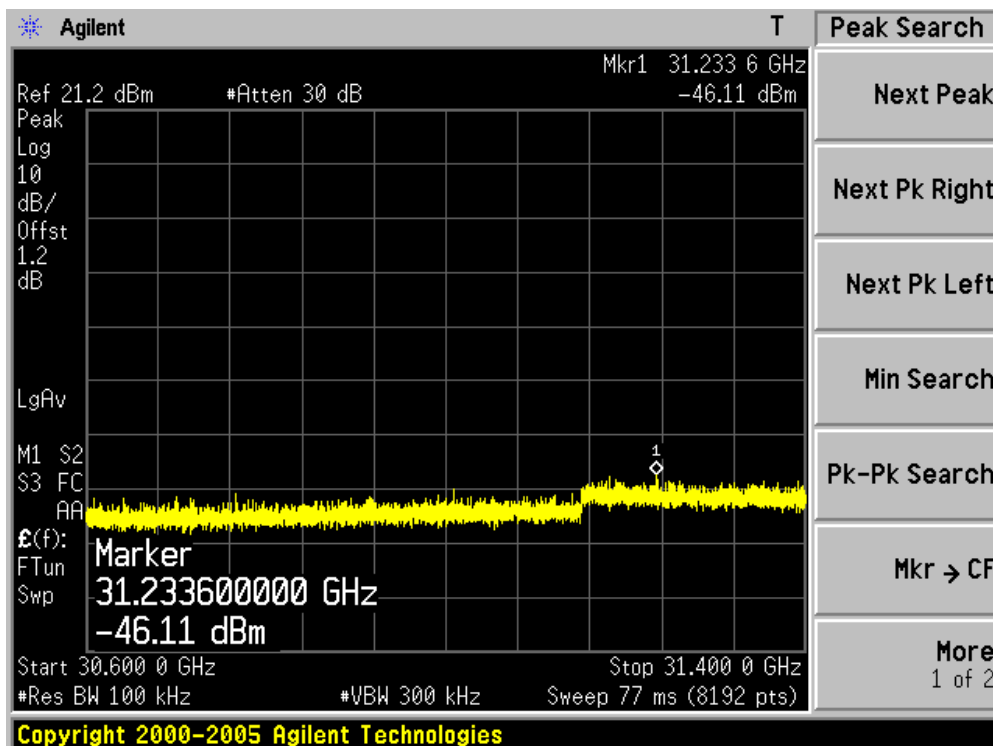
Channel 159 (5795MHz)-6



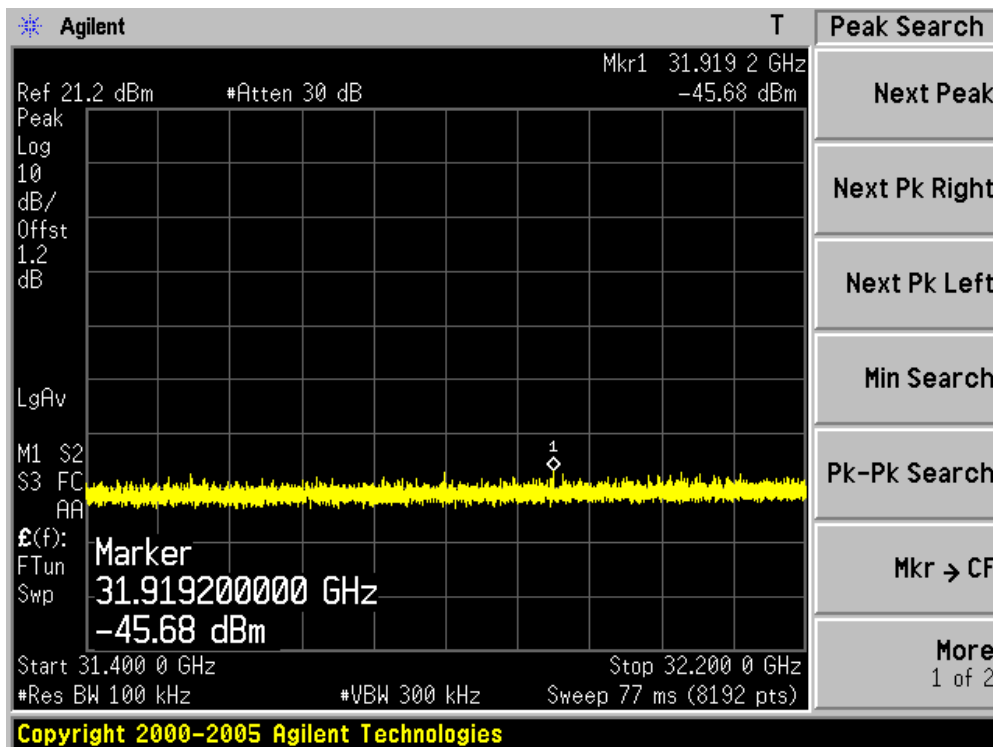
Channel 159 (5795MHz)-7



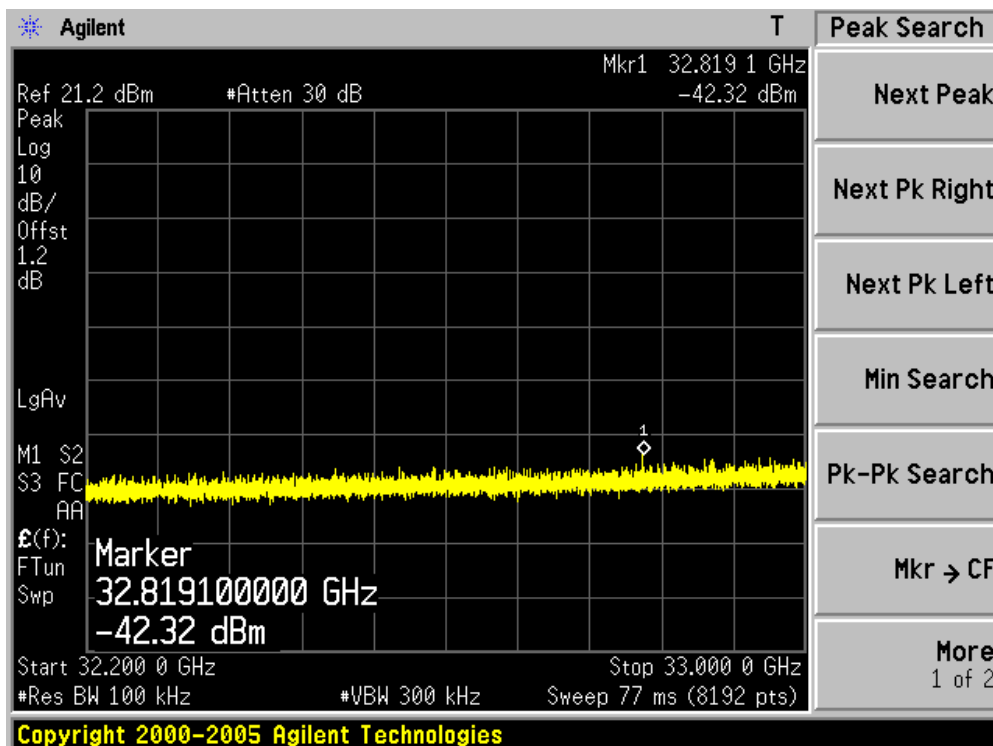
Channel 159 (5795MHz)-8



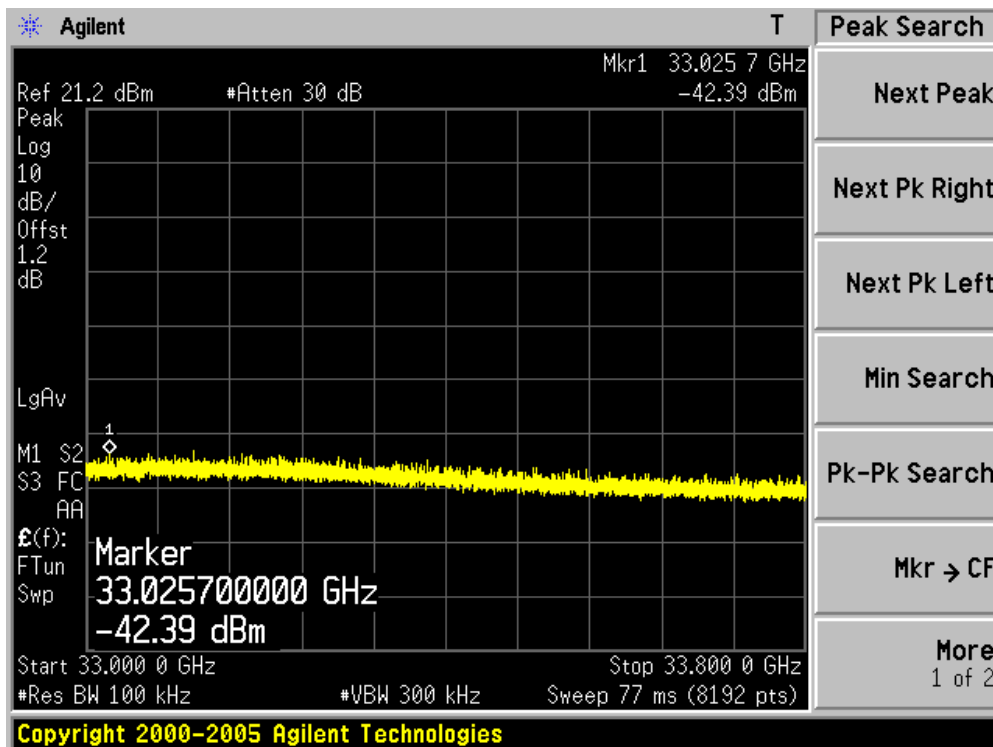
Channel 159 (5795MHz)-9



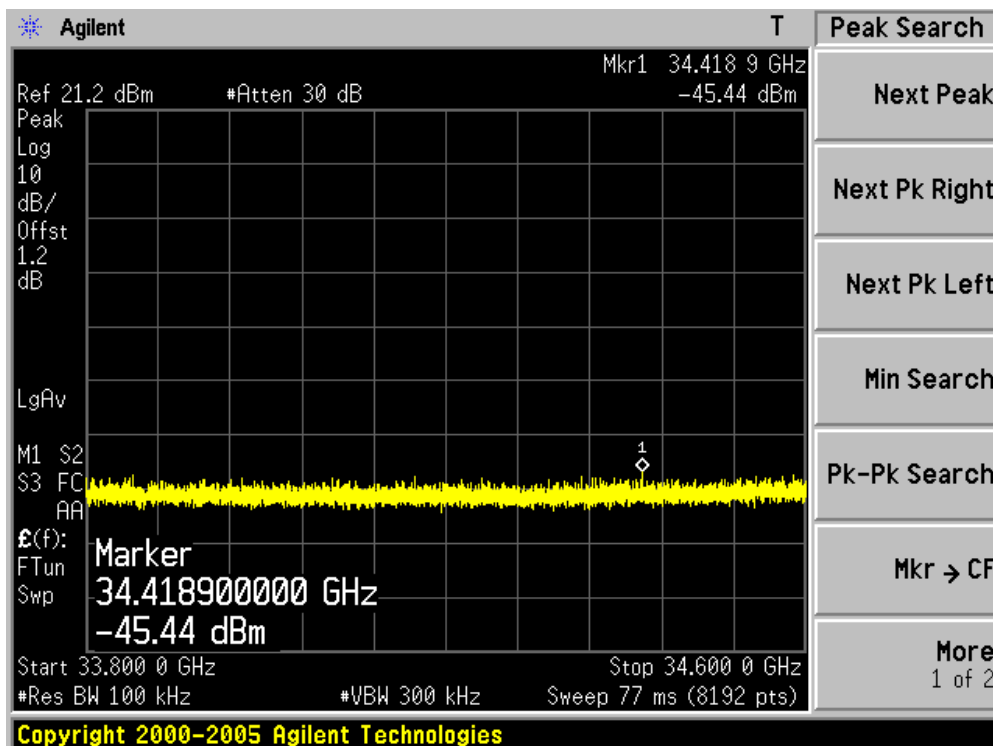
Channel 159 (5795MHz)-10



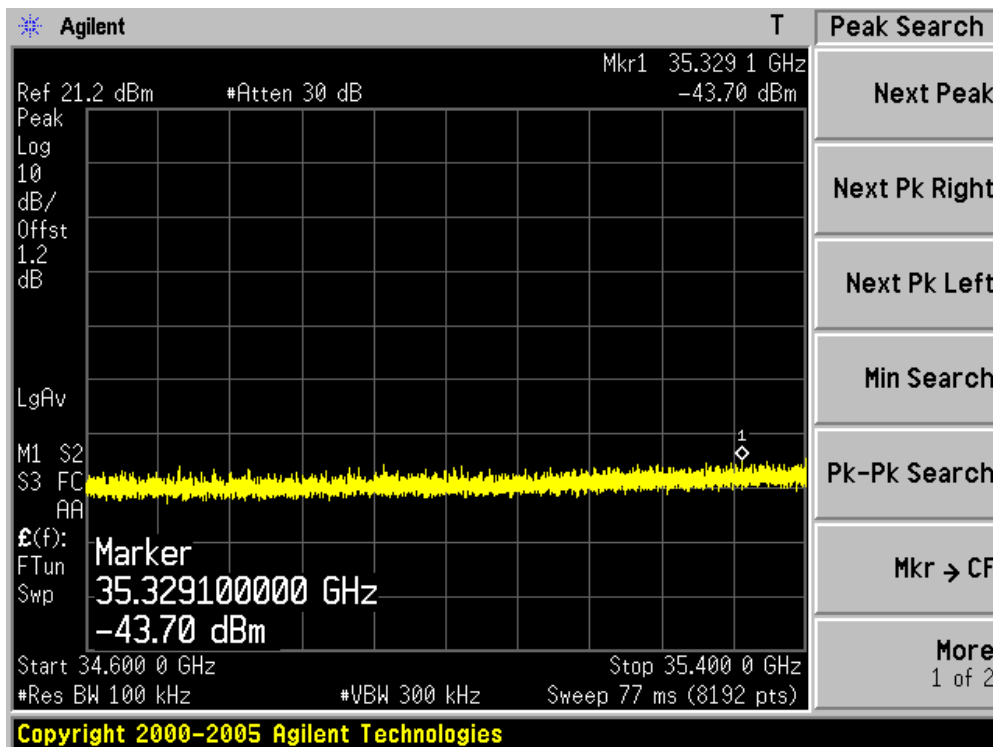
Channel 159 (5795MHz)-11



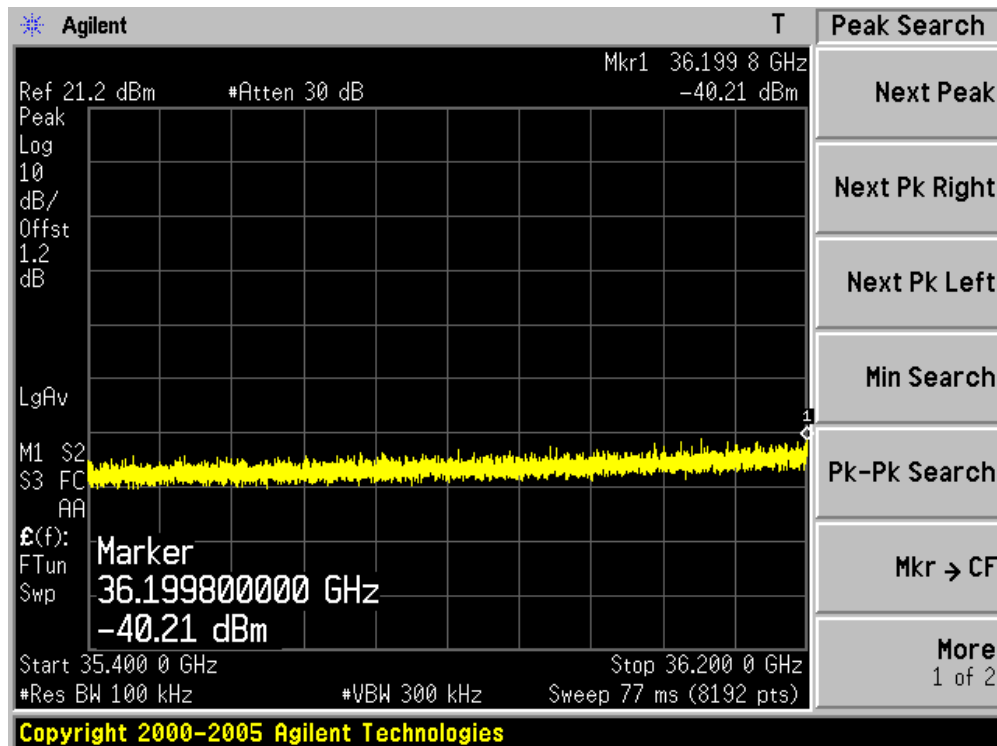
Channel 159 (5795MHz)-12



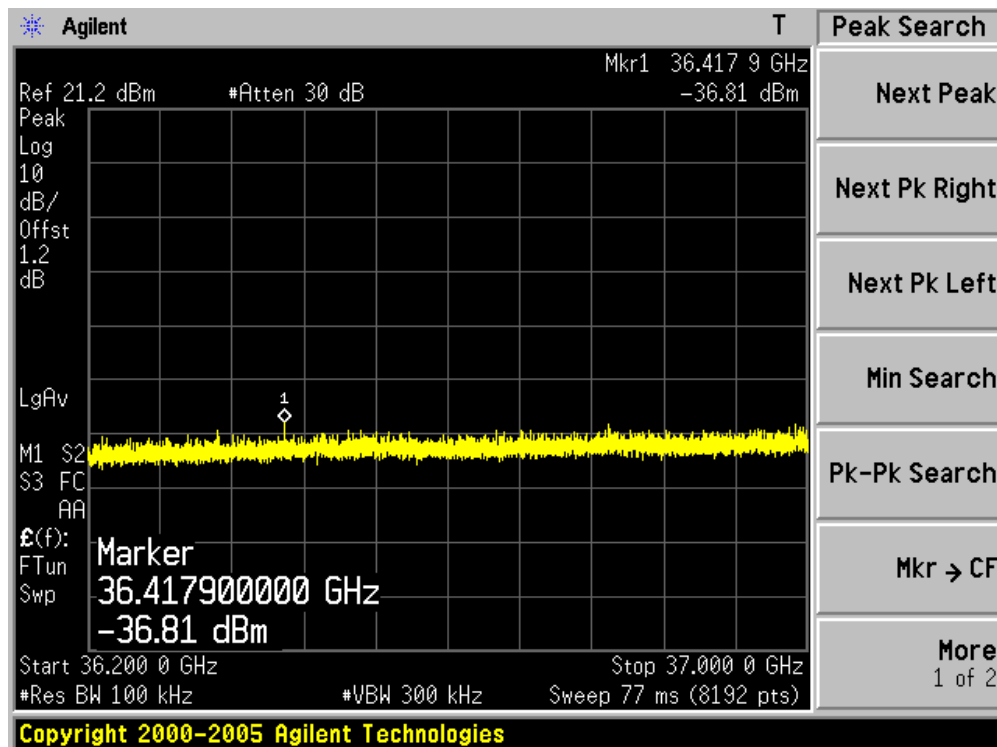
Channel 159 (5795MHz)-13



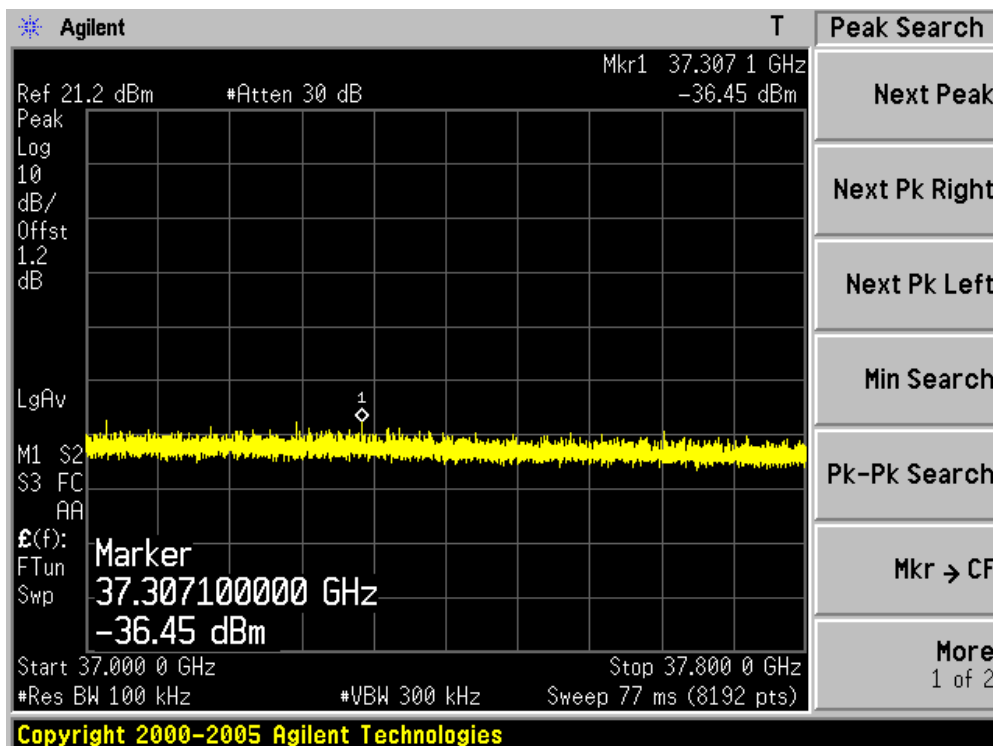
### Channel 159 (5795MHz)-14



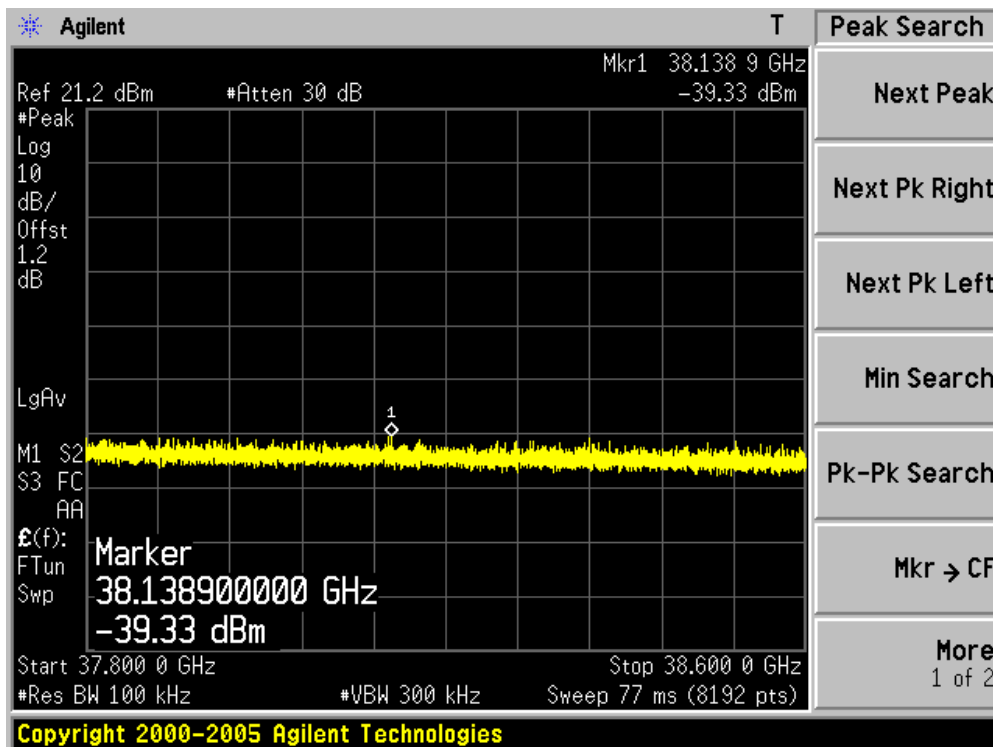
### Channel 159 (5795MHz)-15



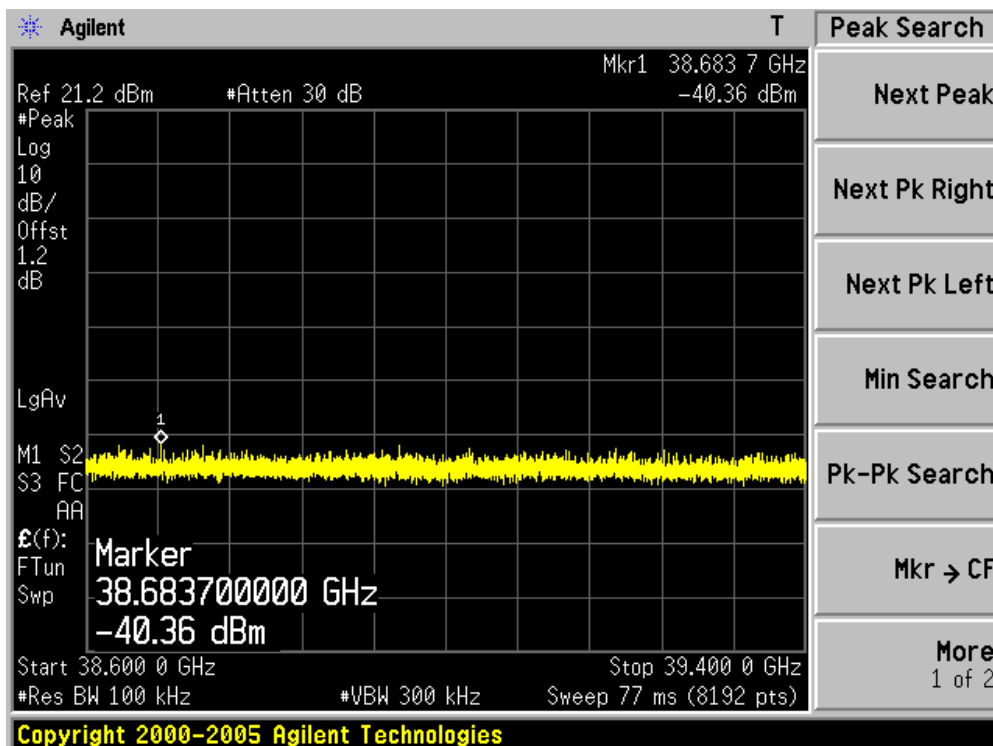
Channel 159 (5795MHz)-16



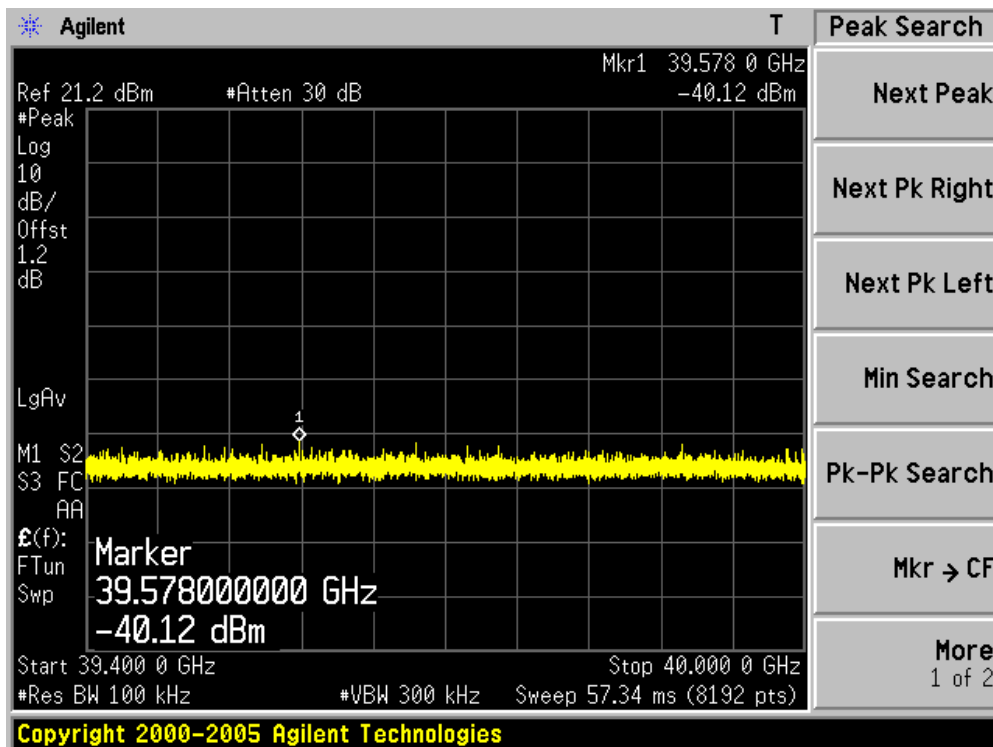
Channel 159 (5795MHz)-17



Channel 159 (5795MHz)-18

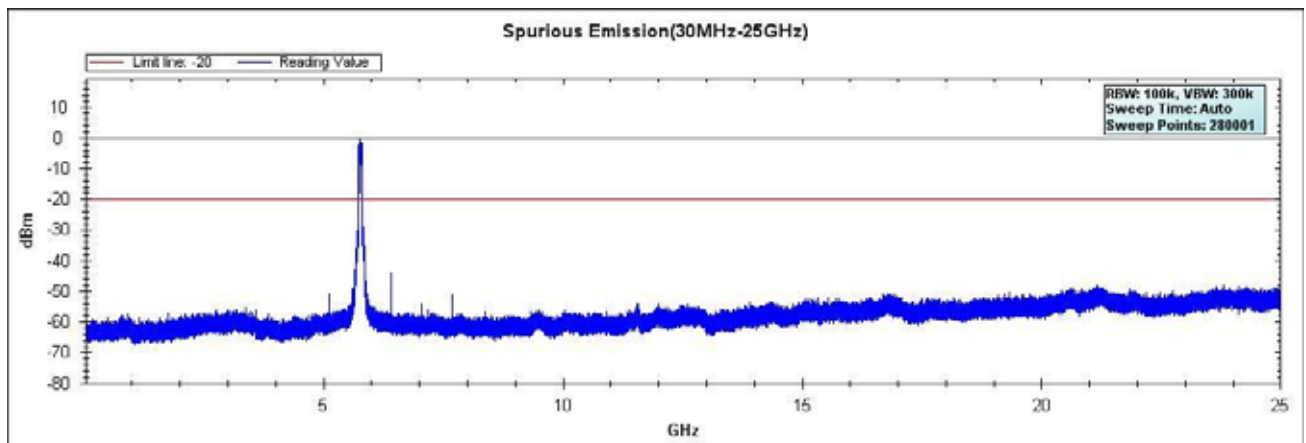


Channel 159 (5795MHz)-19

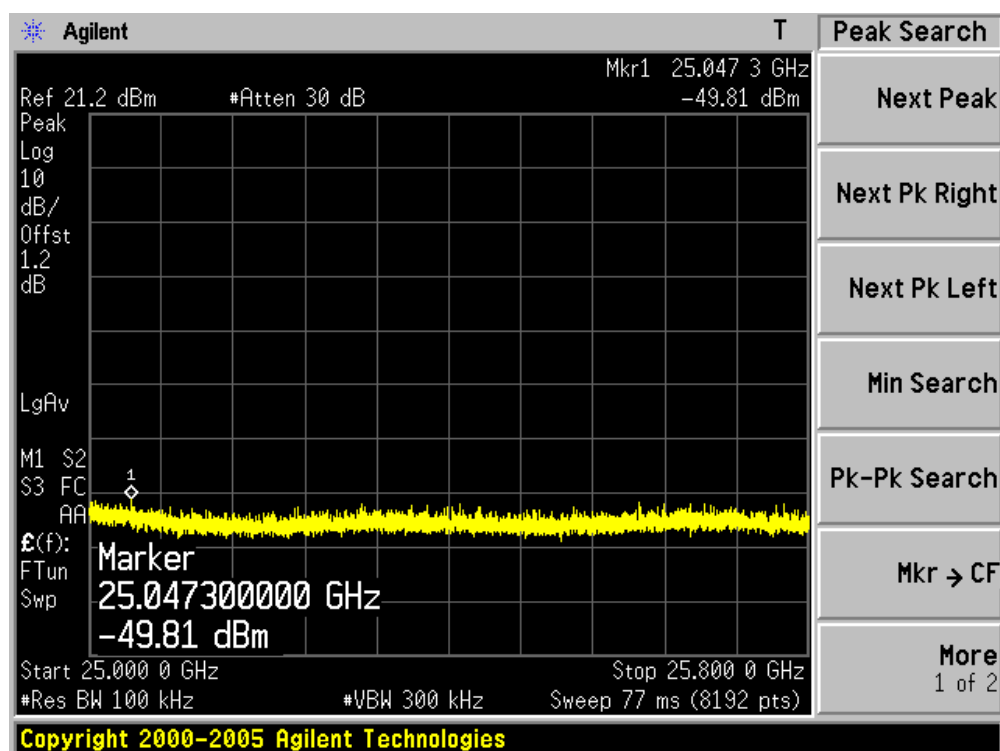


|           |   |                                             |
|-----------|---|---------------------------------------------|
| Product   | : | Mi Wi-Fi                                    |
| Test Item | : | RF Antenna Conducted Spurious               |
| Test Site | : | TR-8                                        |
| Test Mode | : | Mode 8: Transmit by 802.11ac(80MHz) (Ant 2) |

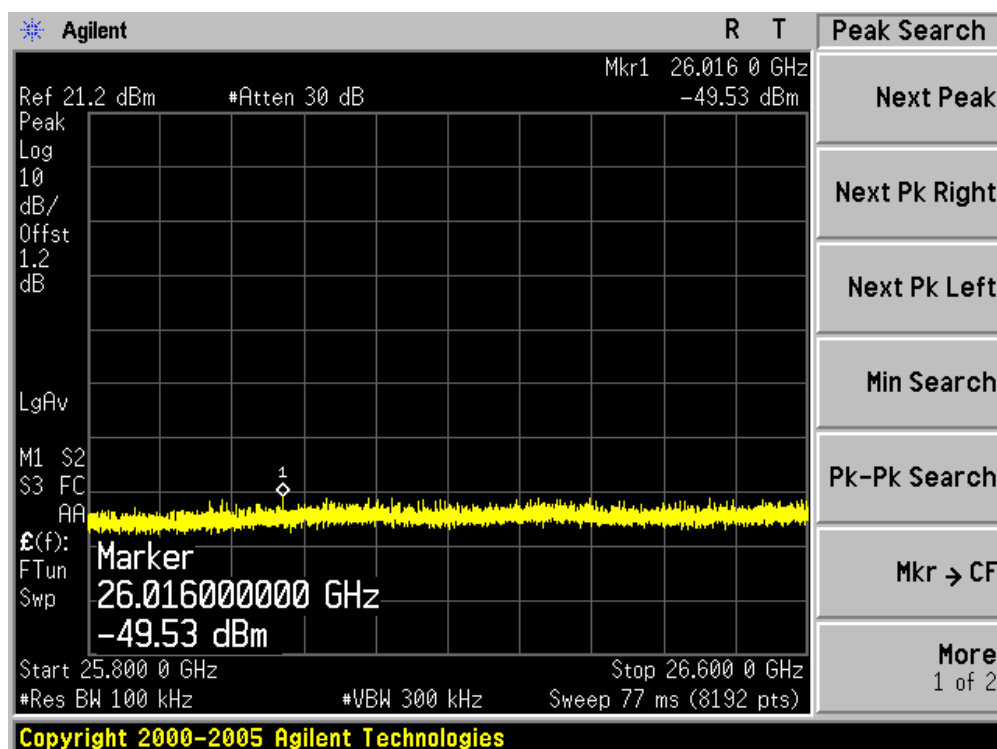
### Channel 155 (5775MHz)



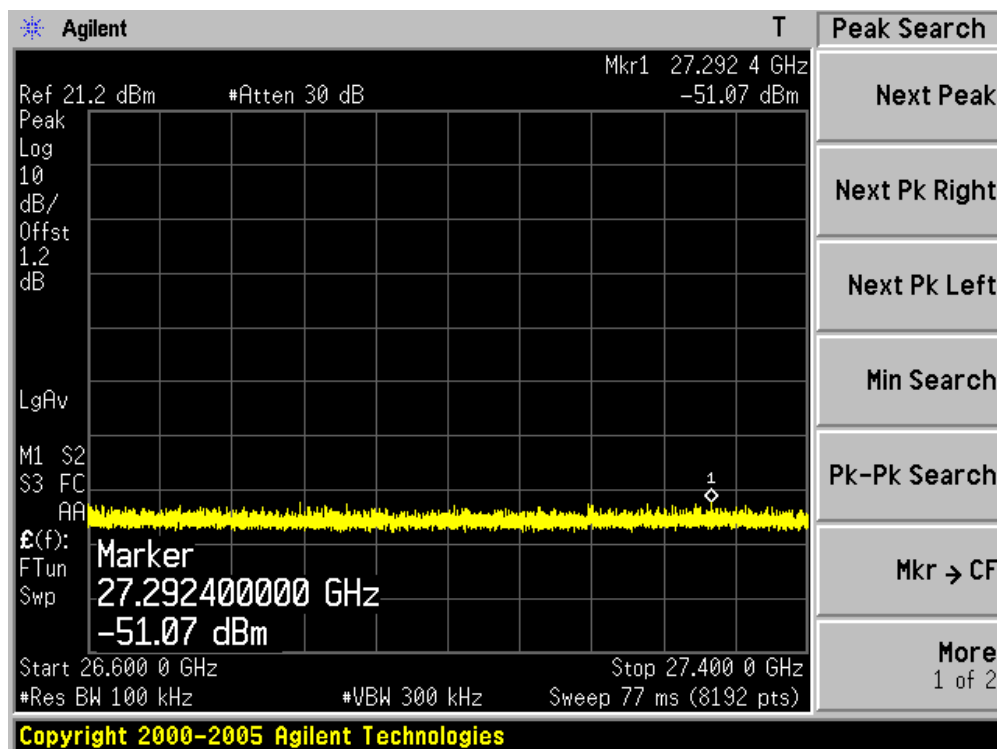
### Channel 155 (5755MHz)-1



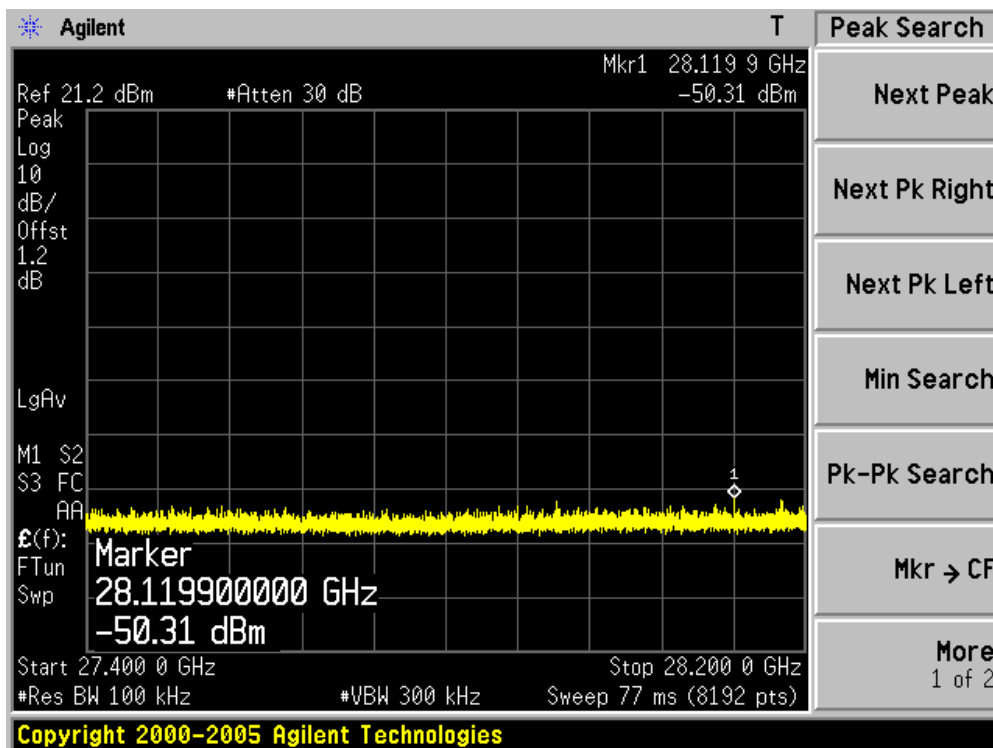
### Channel 155 (5755MHz)-2



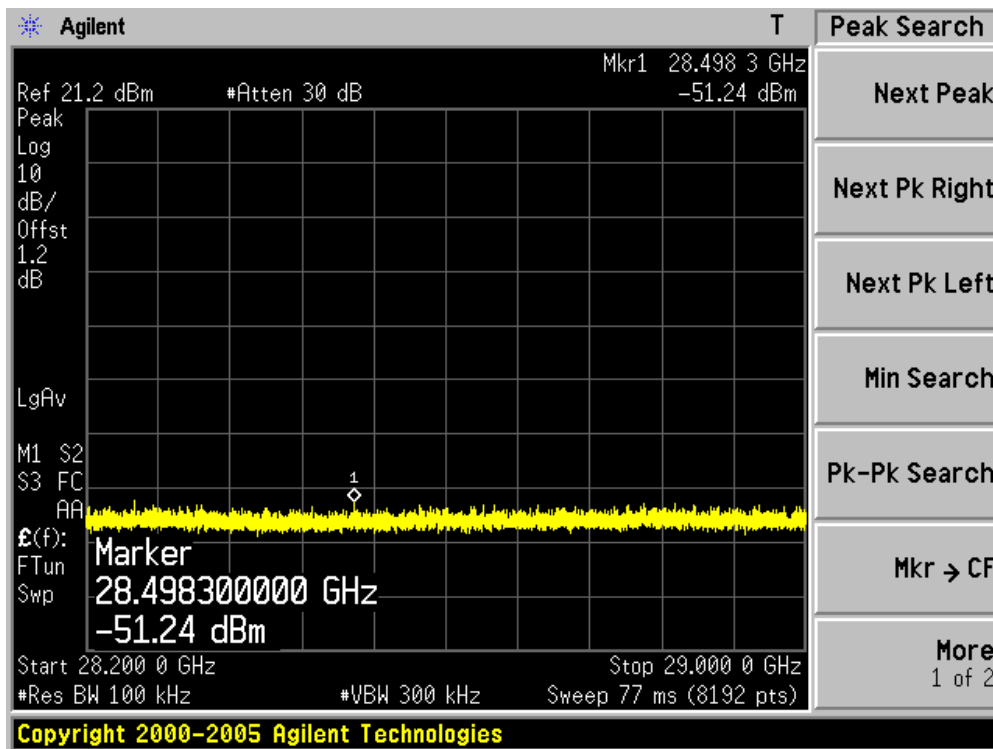
### Channel 155 (5755MHz)-3



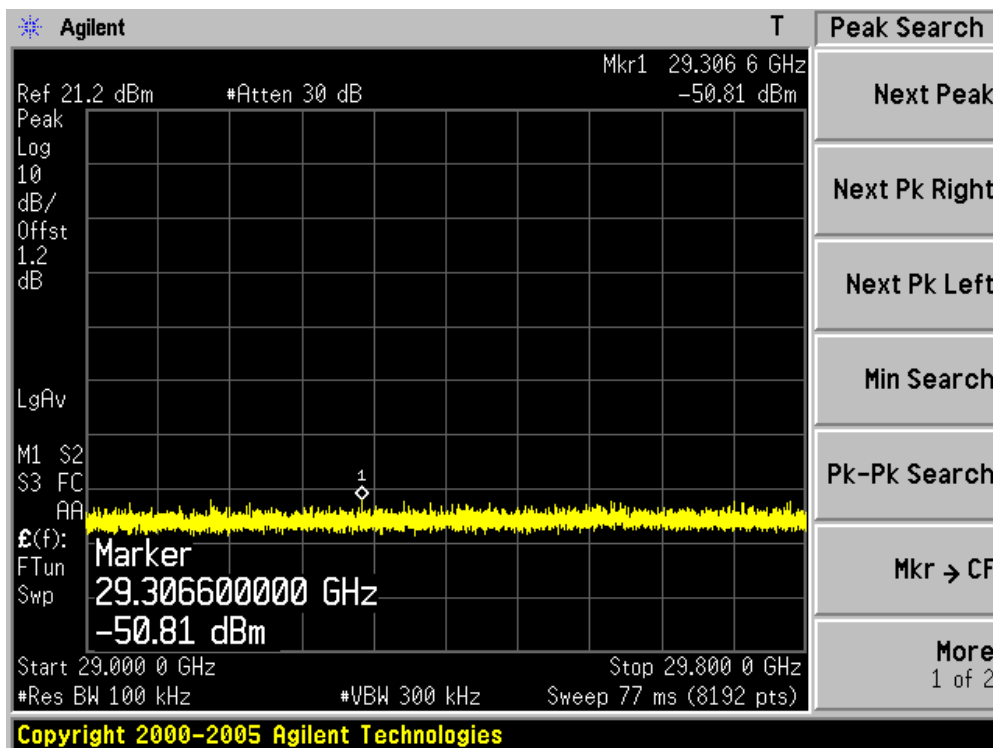
Channel 155 (5755MHz)-4



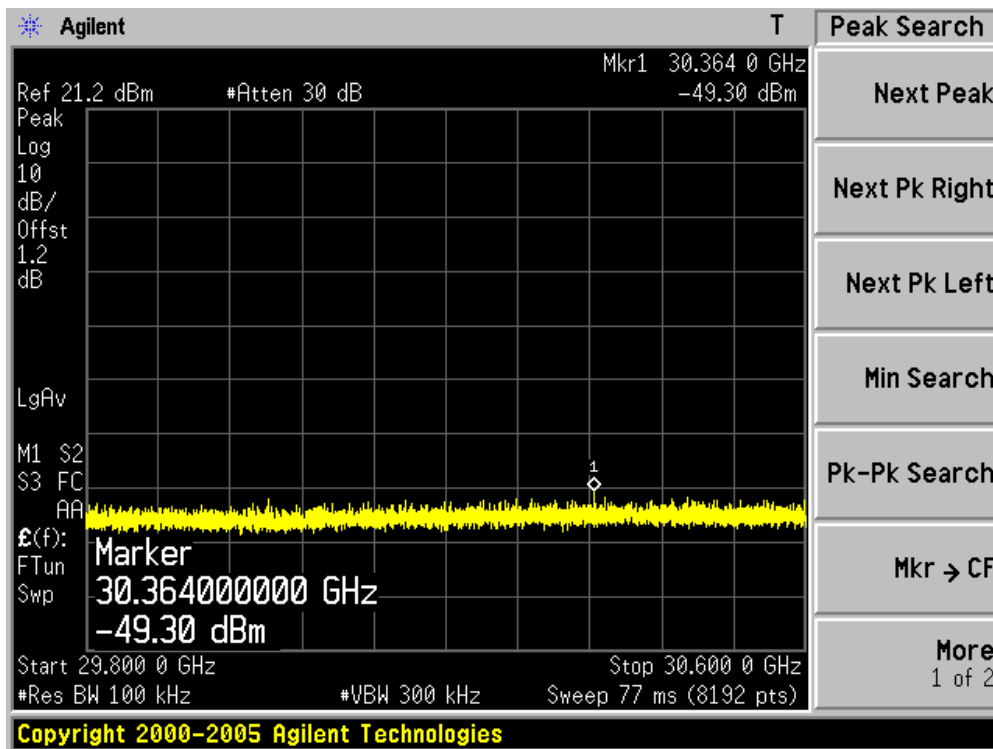
Channel 155 (5755MHz)-5



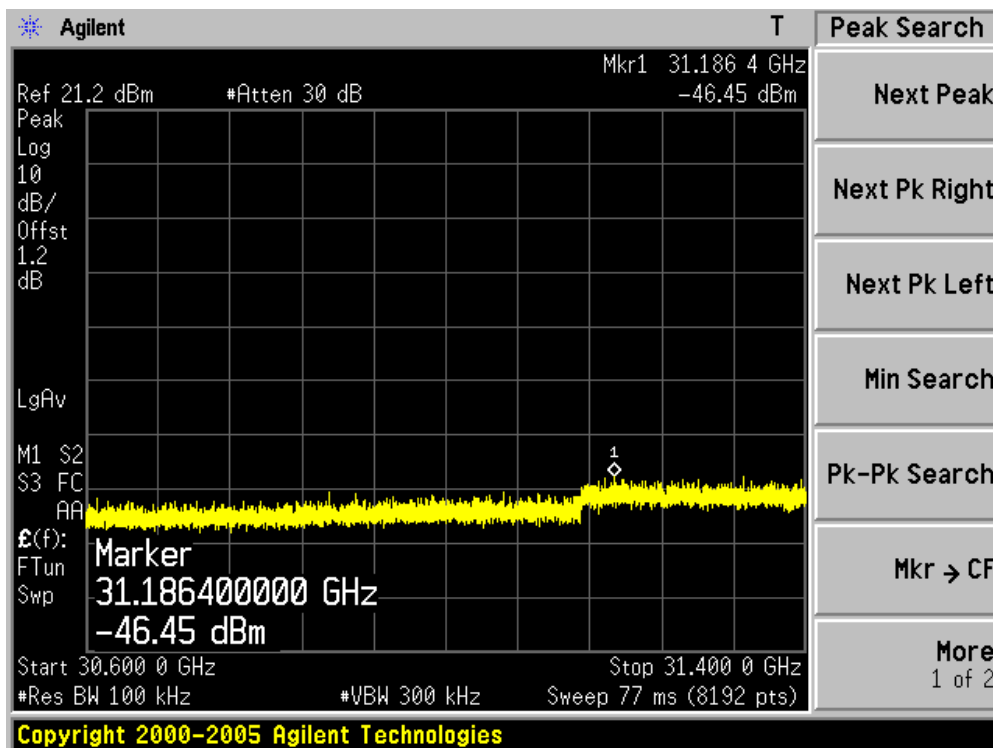
Channel 155 (5755MHz)-6



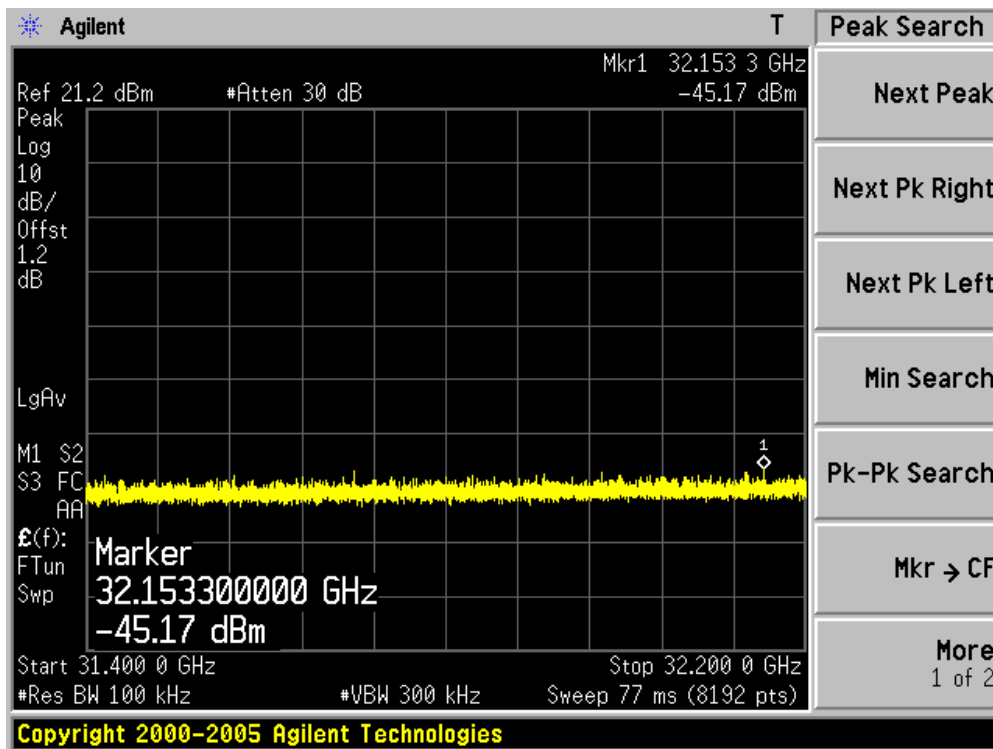
Channel 155 (5755MHz)-7



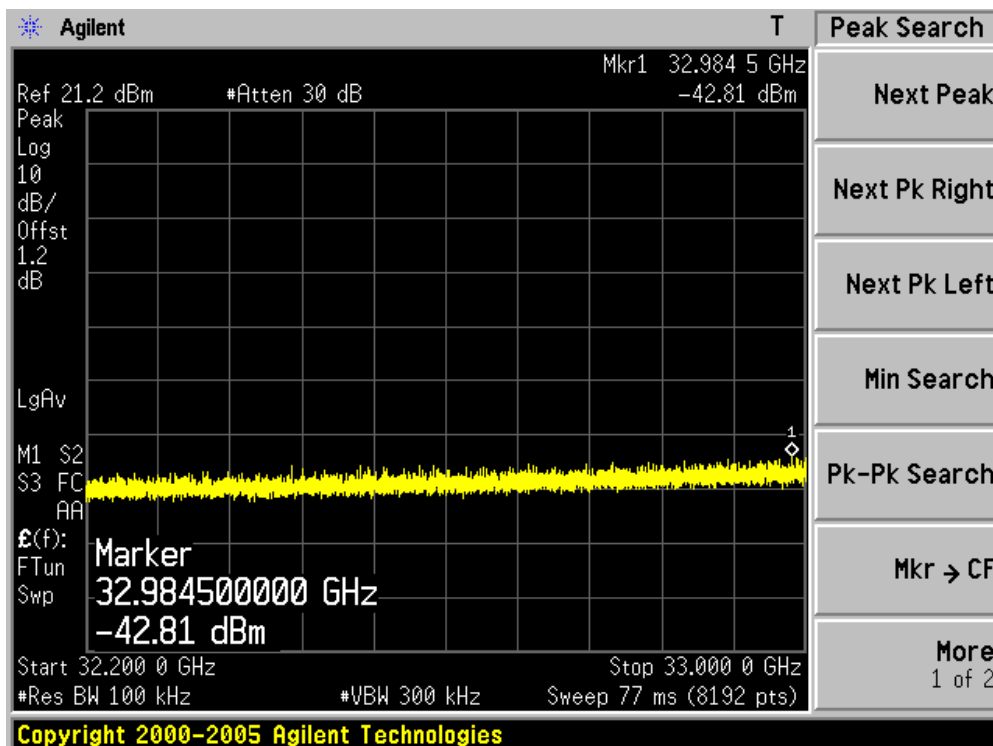
Channel 155 (5755MHz)-8



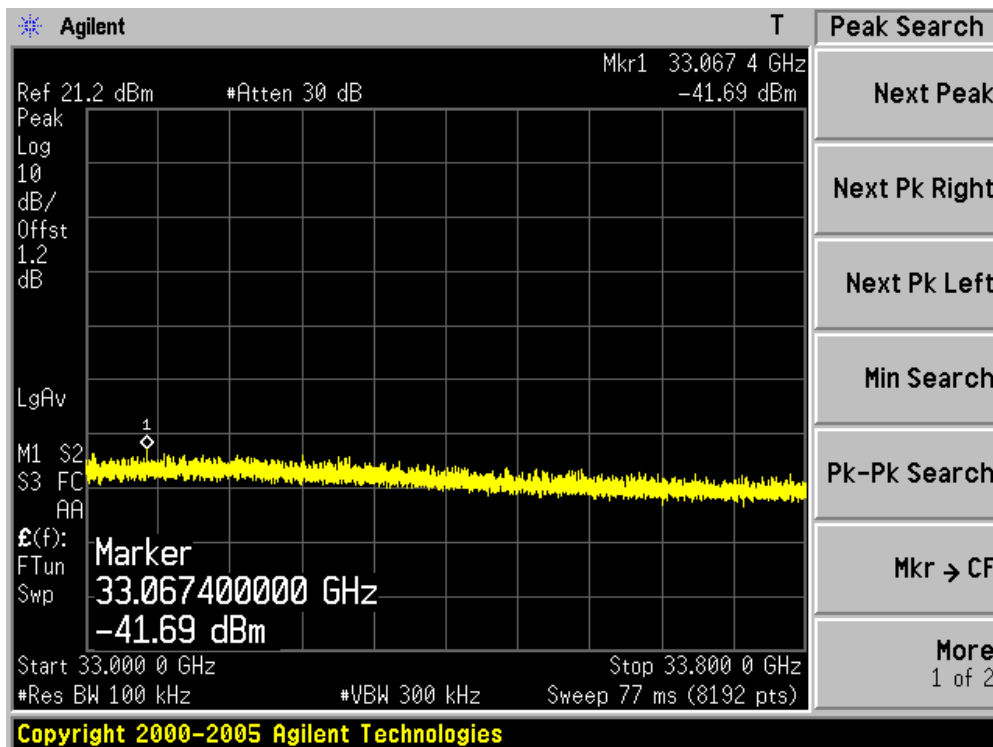
Channel 155 (5755MHz)-9



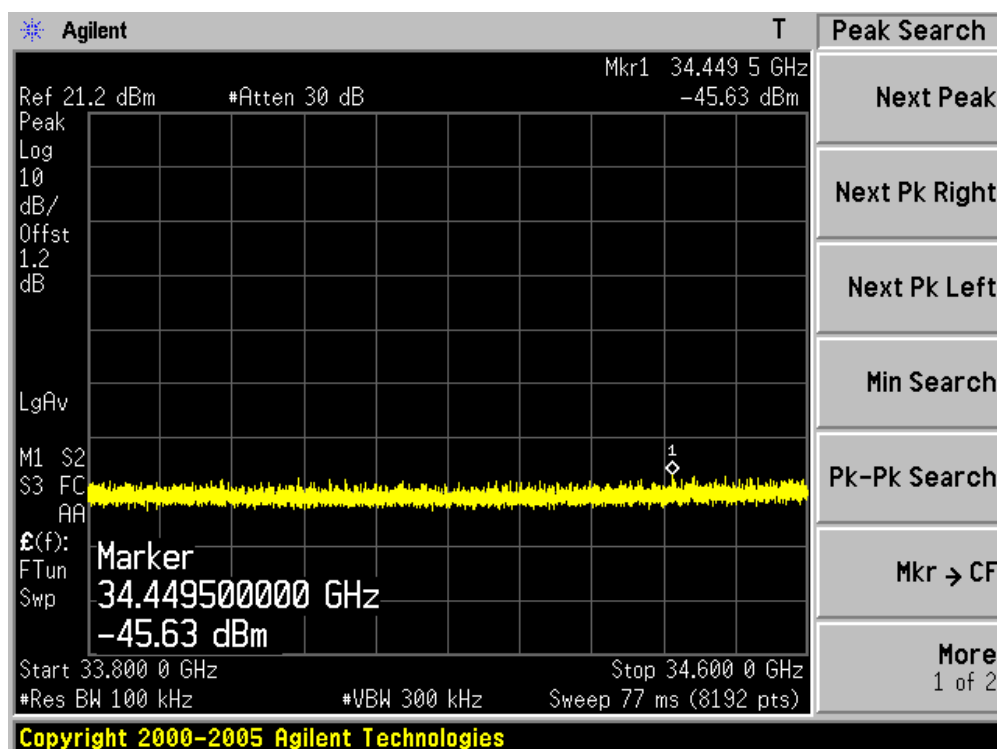
Channel 155 (5755MHz)-10



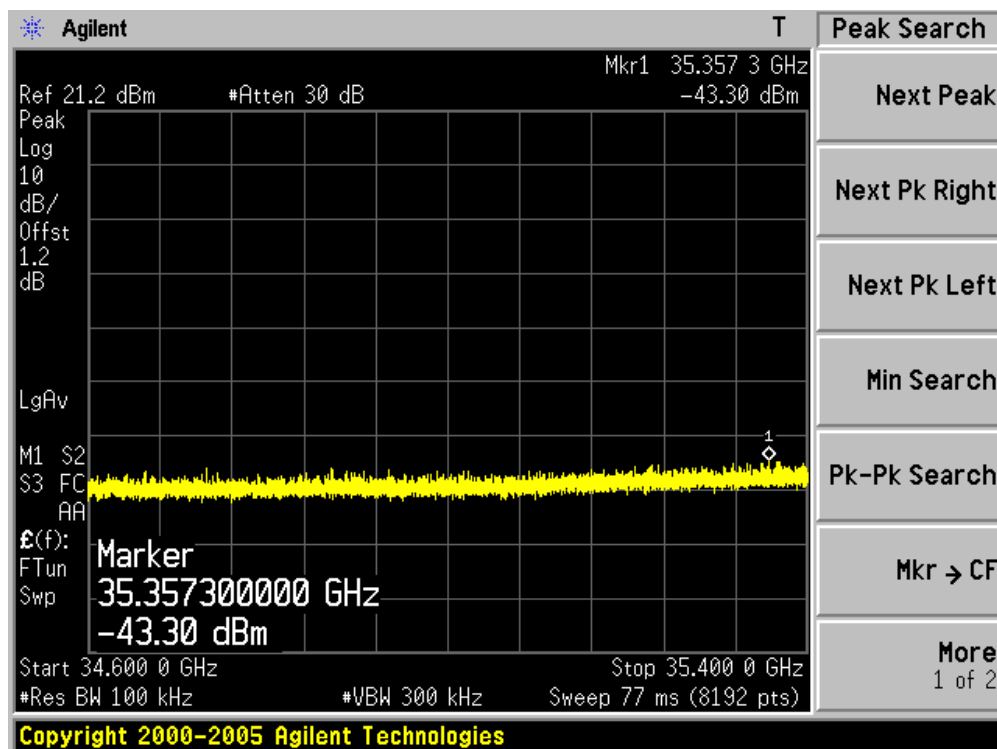
Channel 155 (5755MHz)-11



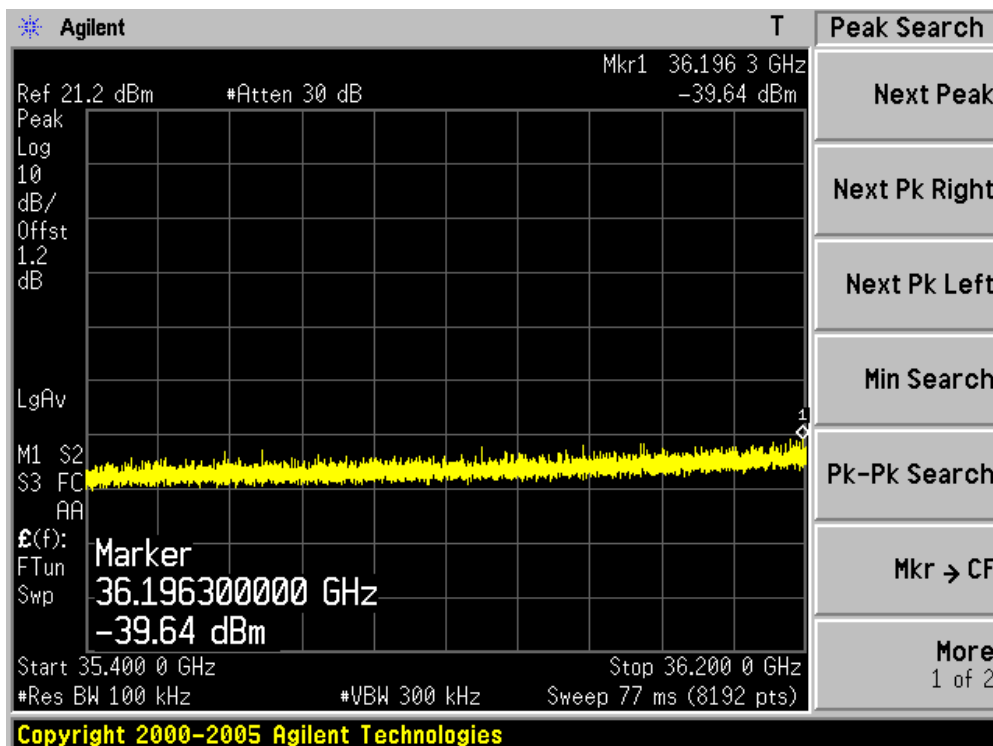
### Channel 155 (5755MHz)-12



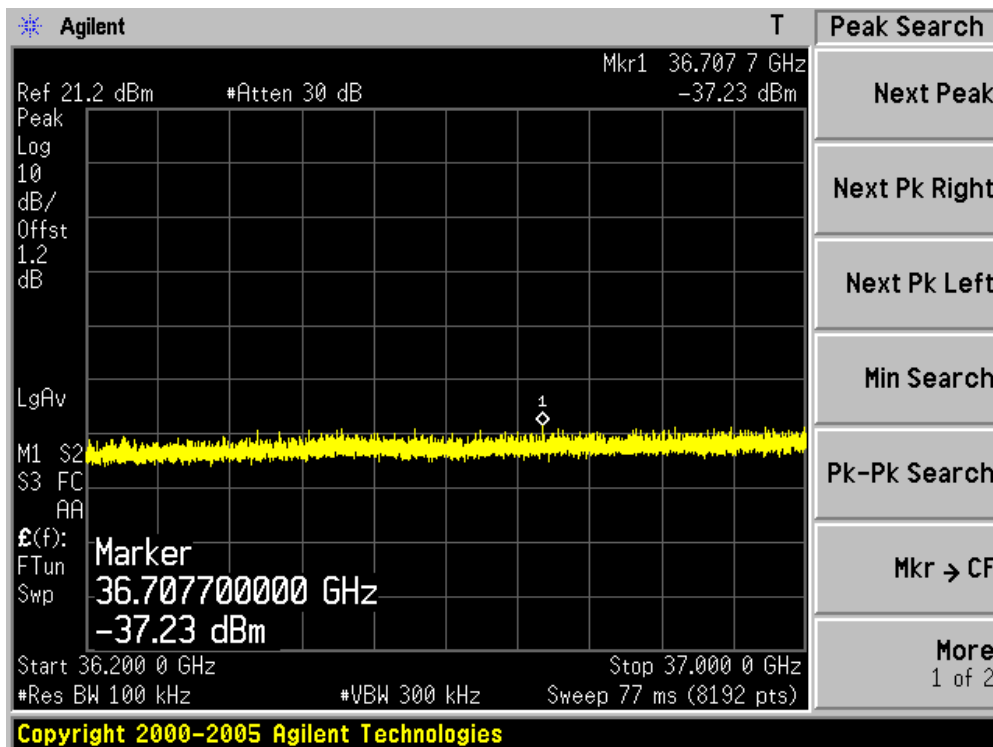
### Channel 155 (5755MHz)-13



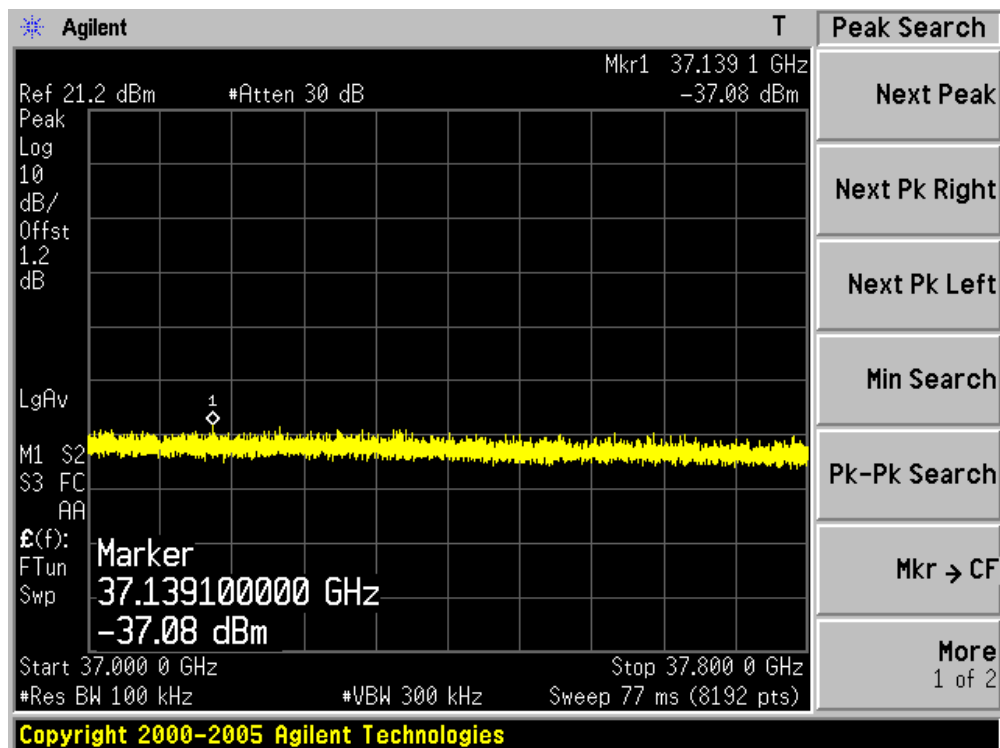
Channel 155 (5755MHz)-14



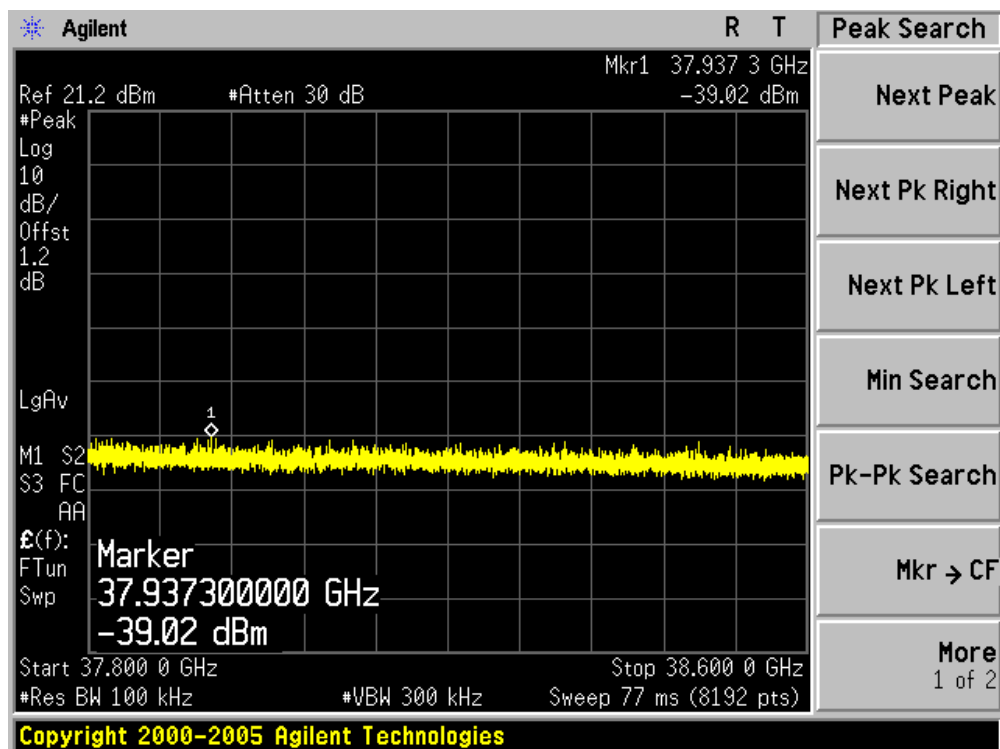
Channel 155 (5755MHz)-15



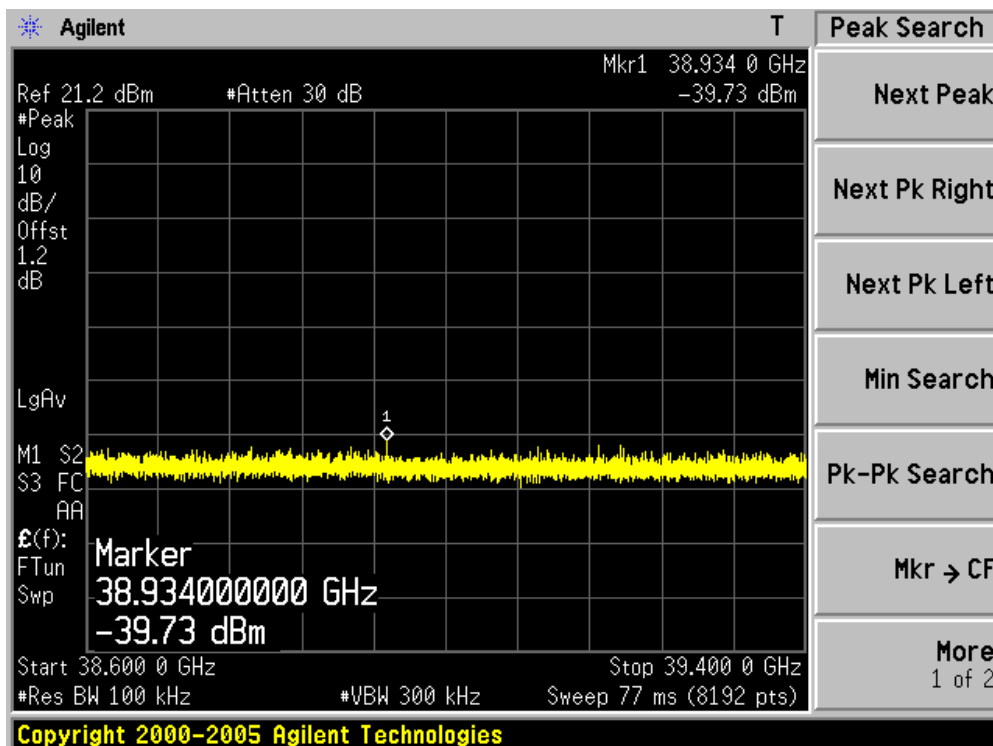
Channel 155 (5755MHz)-16



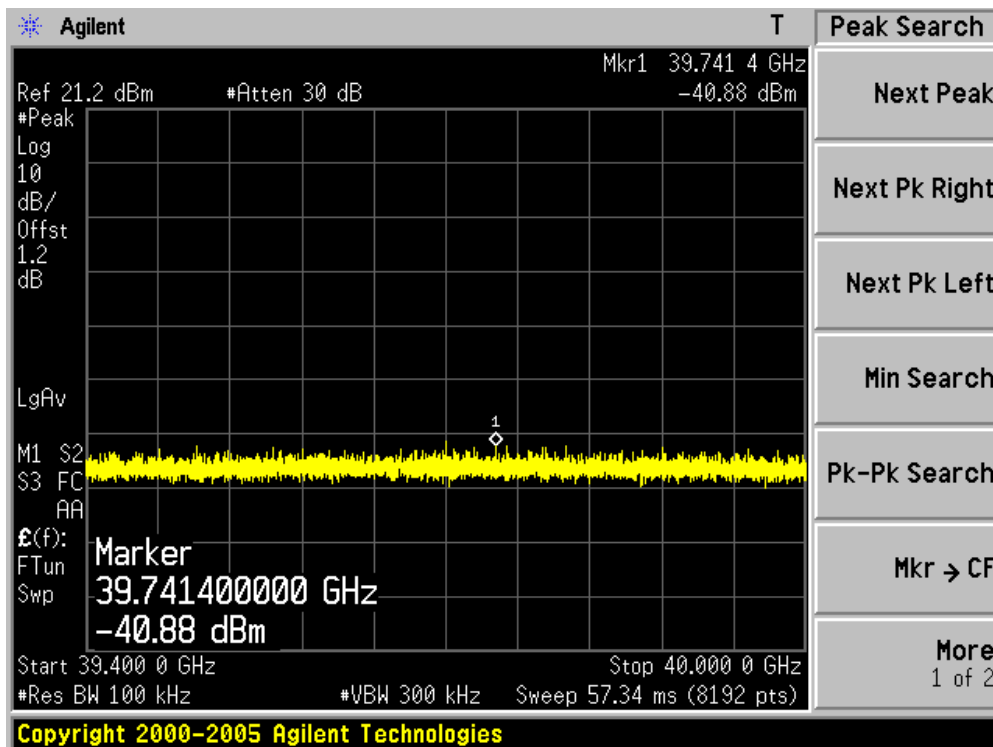
Channel 155 (5755MHz)-17



Channel 155 (5755MHz)-18

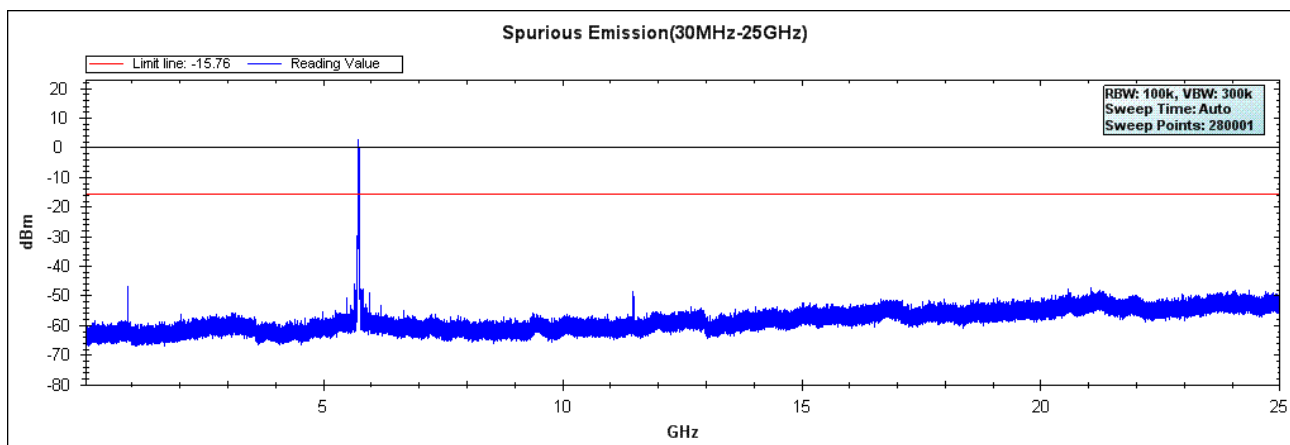


Channel 155 (5755MHz)-19

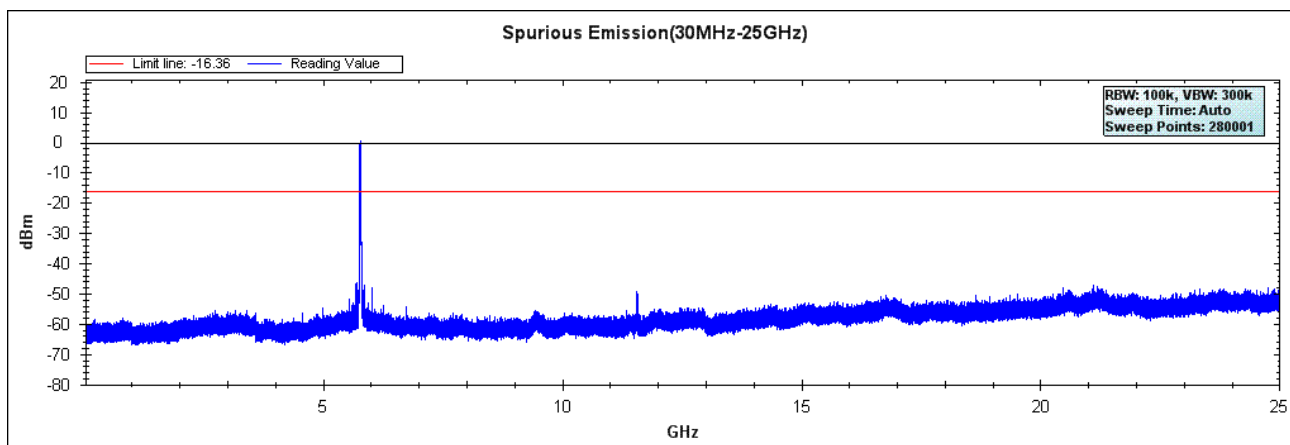


|           |   |                                     |
|-----------|---|-------------------------------------|
| Product   | : | Mi Wi-Fi                            |
| Test Item | : | RF Antenna Conducted Spurious       |
| Test Site | : | TR-8                                |
| Test Mode | : | Mode 3: Transmit by 802.11a (Ant 2) |

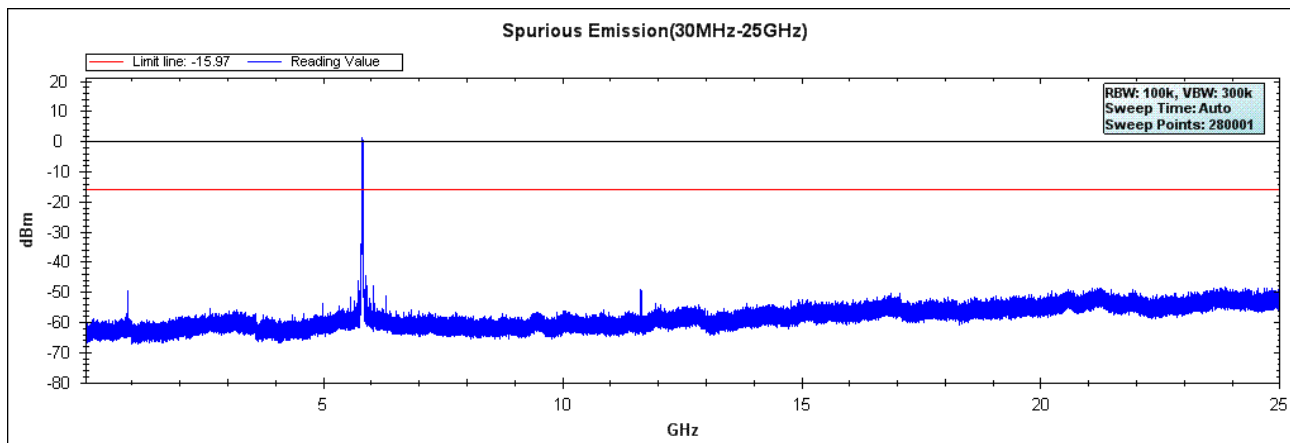
### Channel 149 (5745MHz)



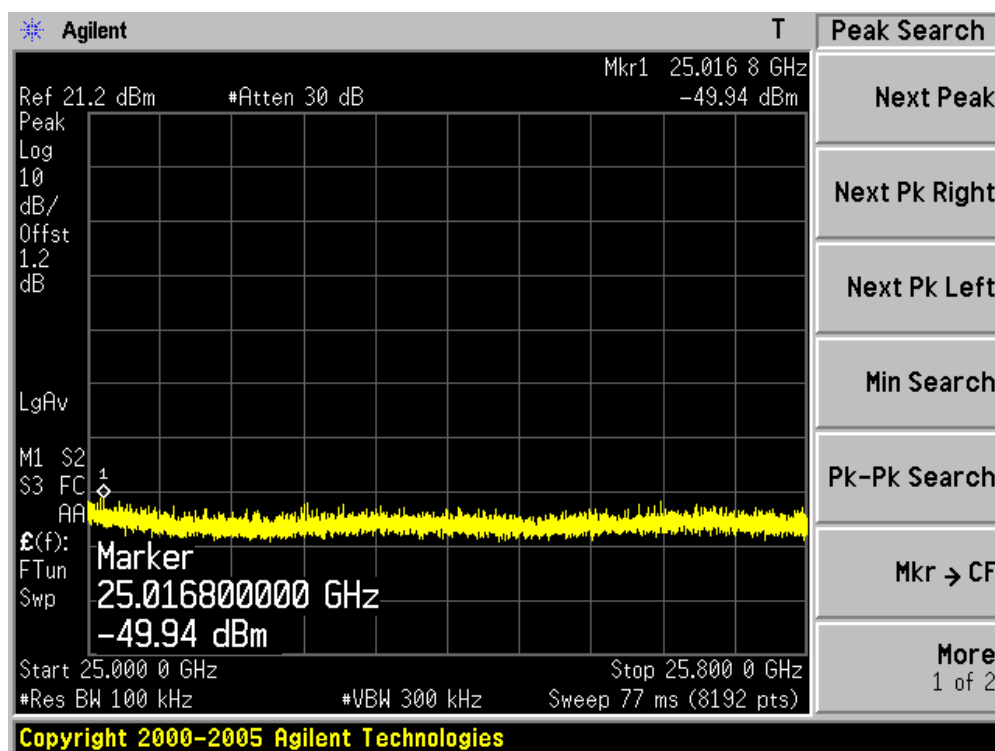
### Channel 157 (5785MHz)



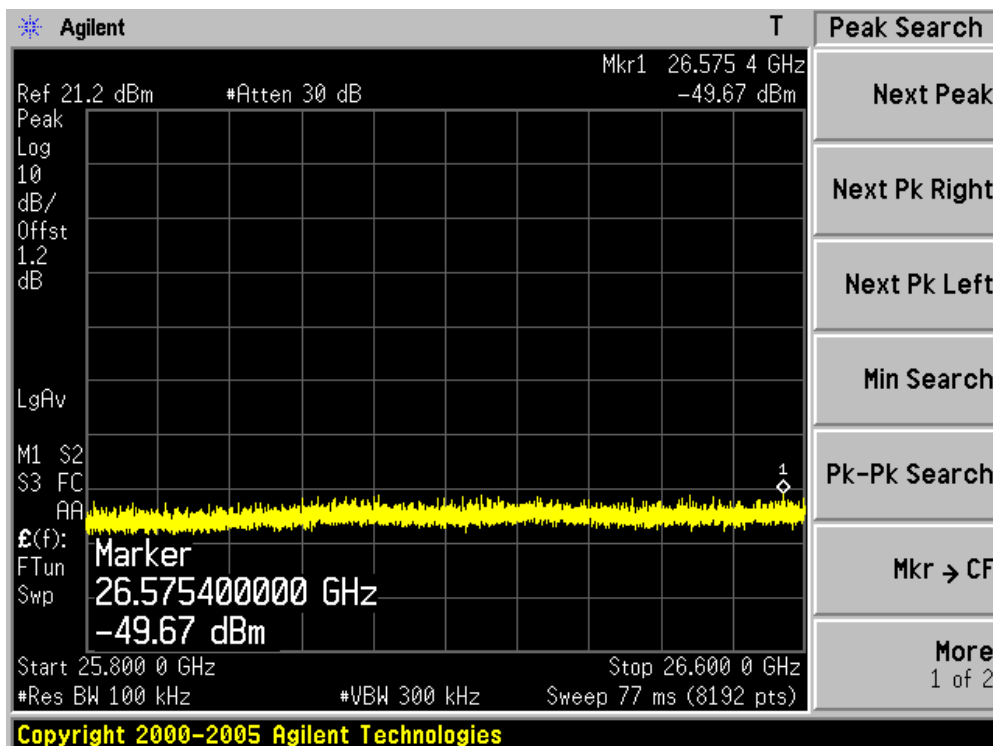
### Channel 165 (5825MHz)



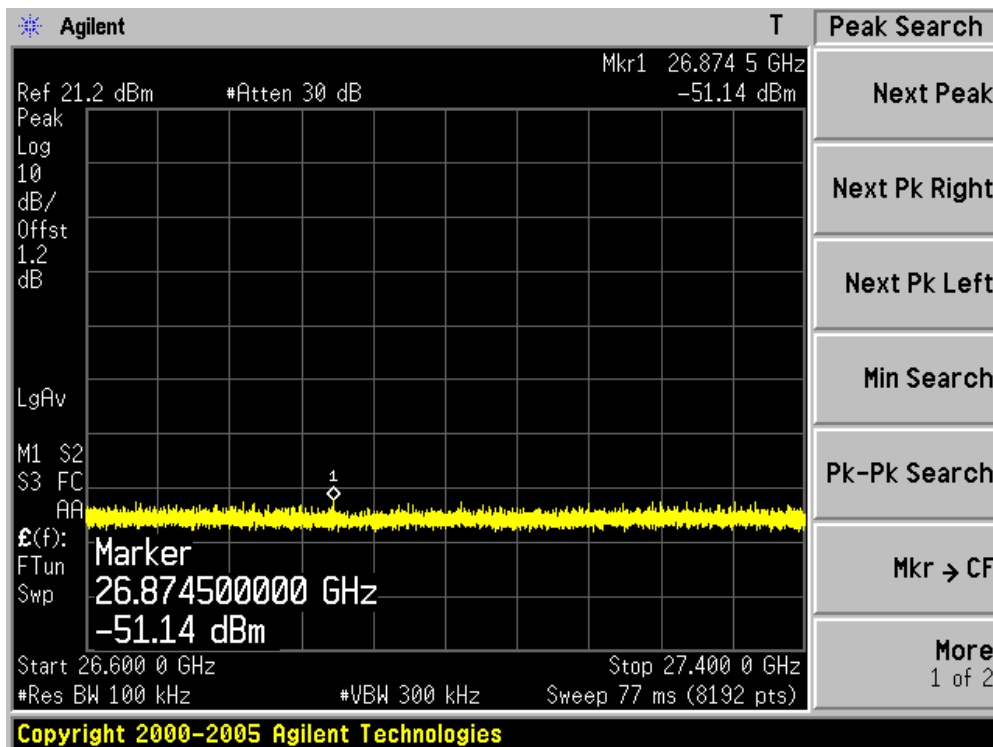
### Channel 149 (5745MHz)-1



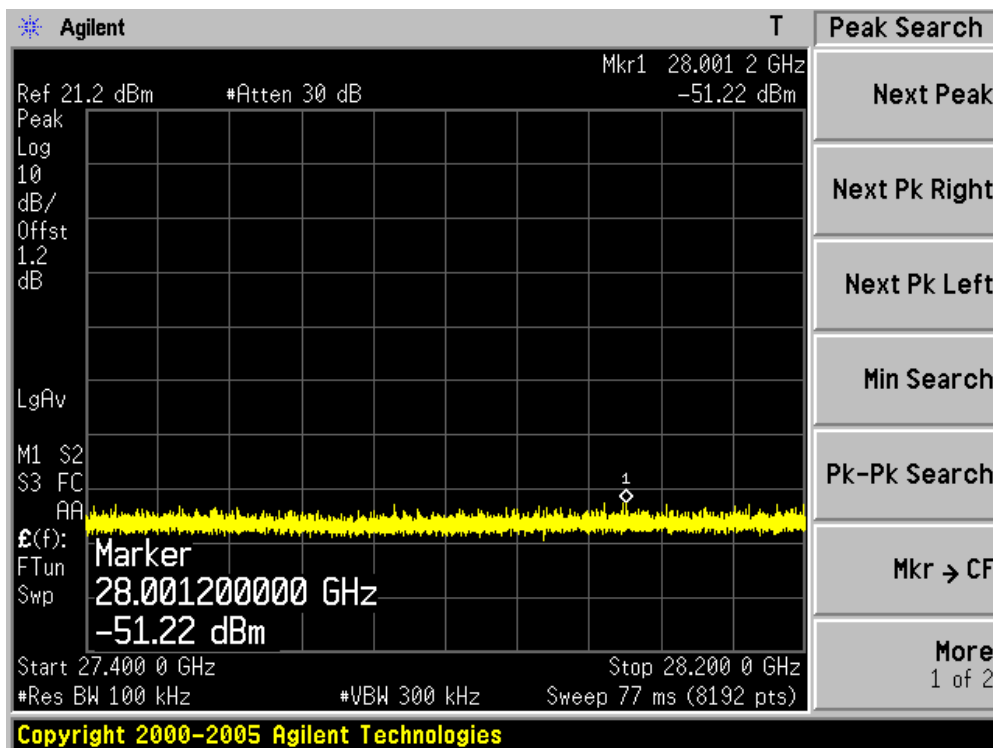
### Channel 149 (5745MHz)-2



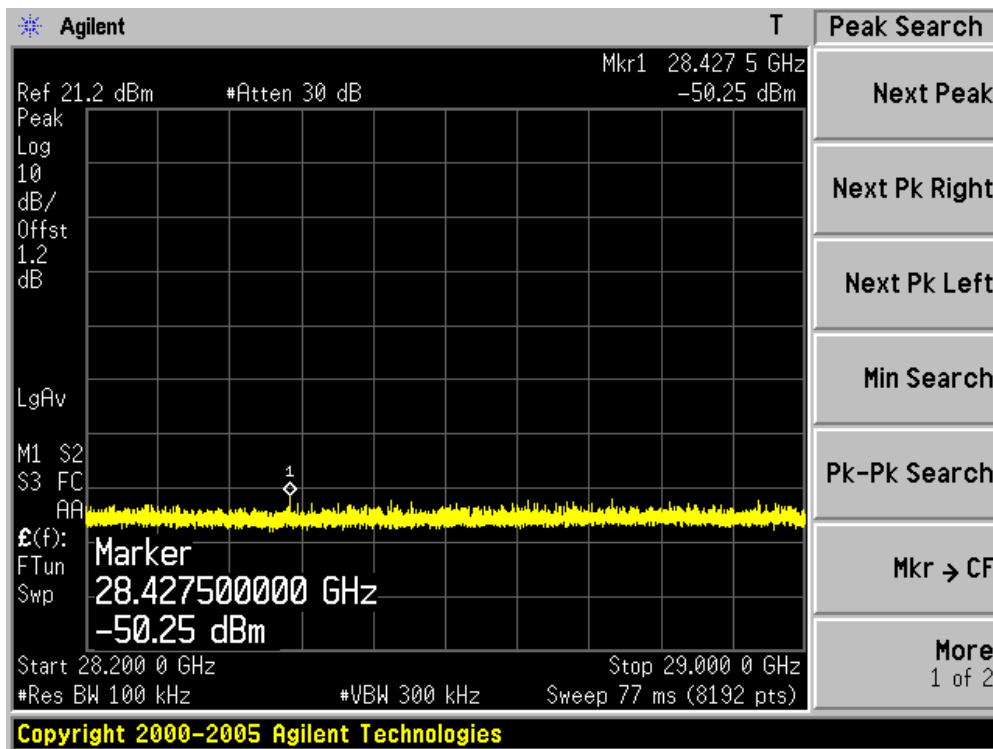
### Channel 149 (5745MHz)-3



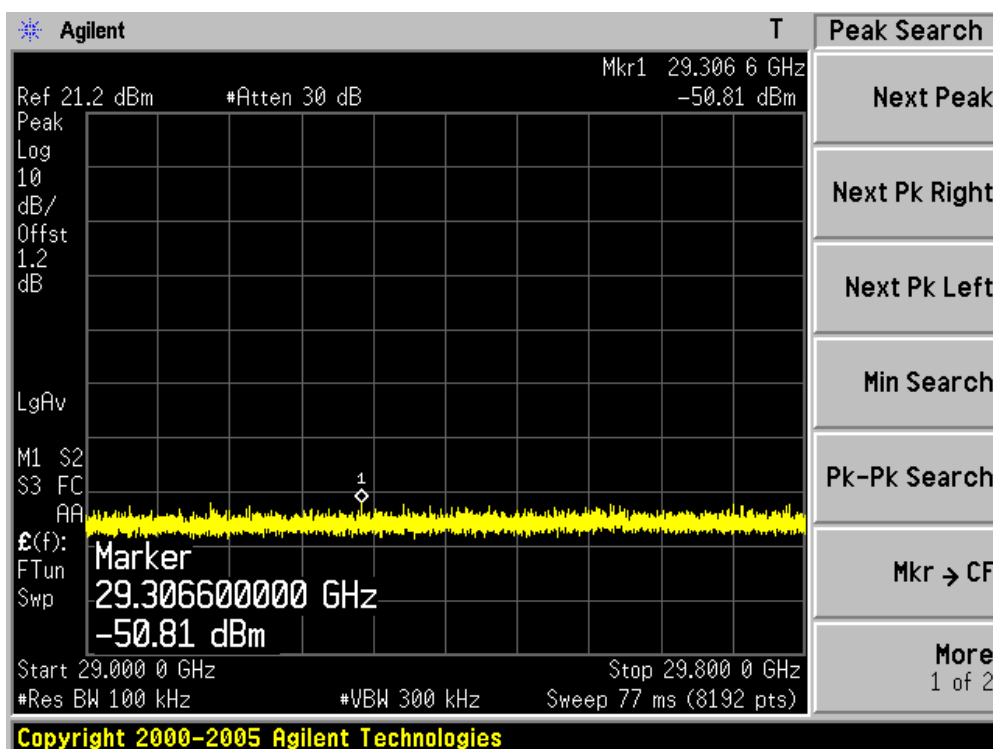
Channel 149 (5745MHz)-4



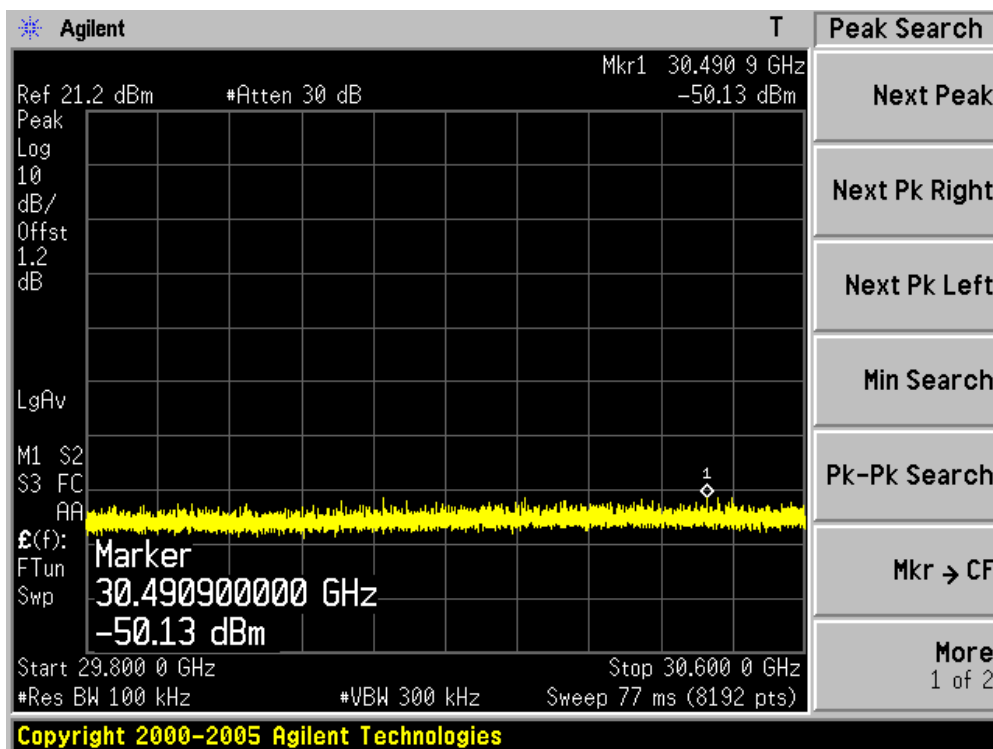
Channel 149 (5745MHz)-5



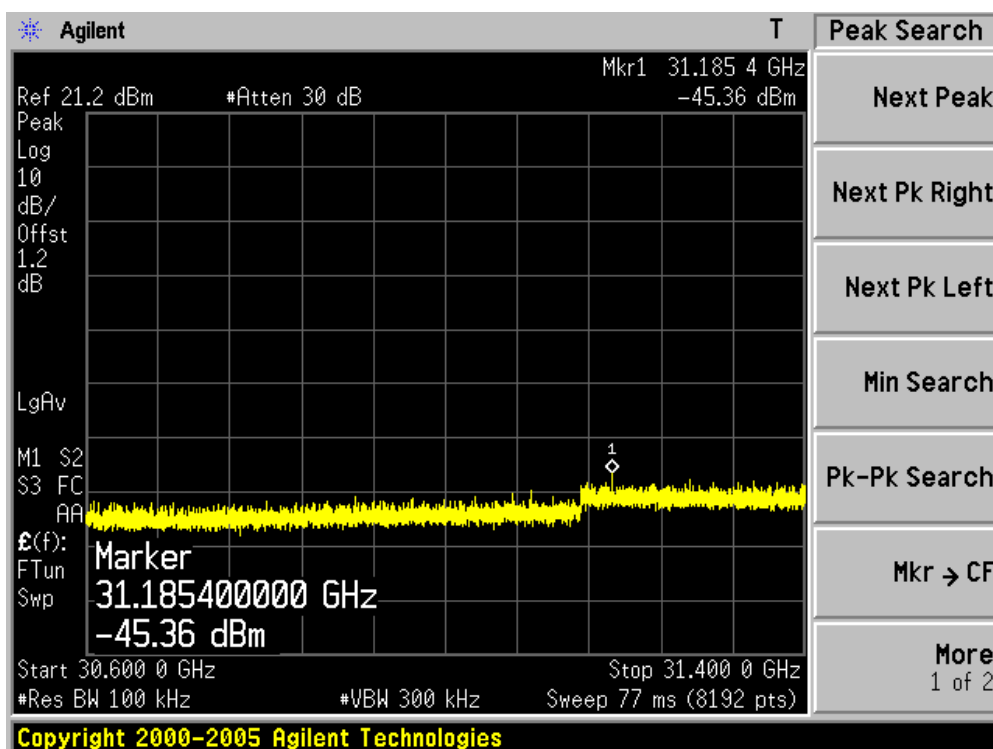
### Channel 149 (5745MHz)-6



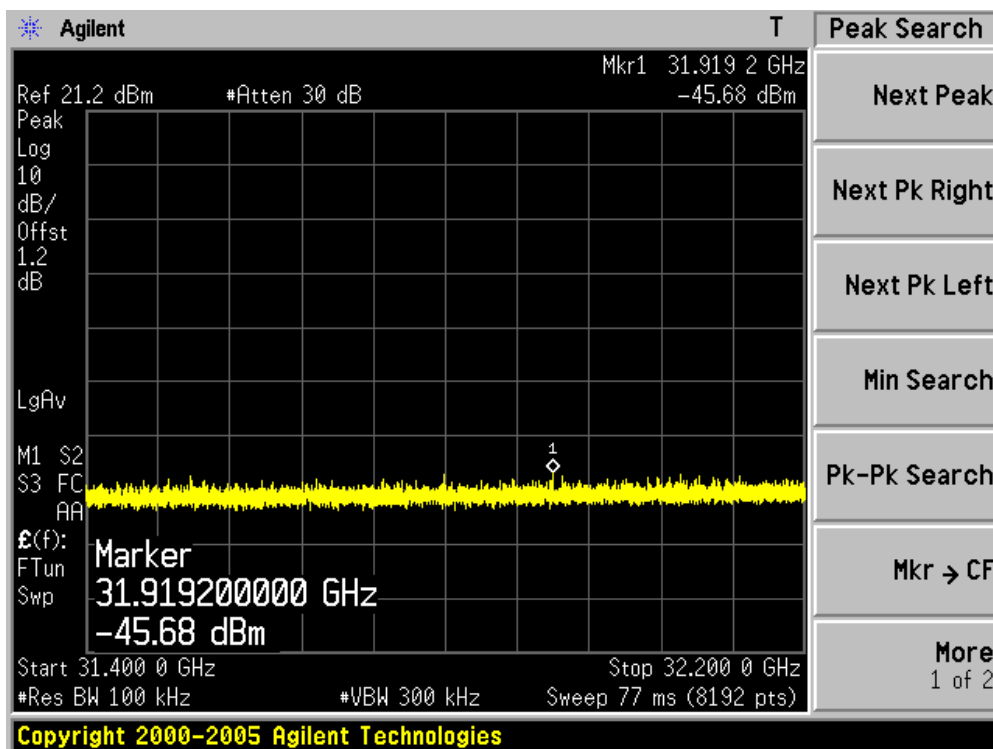
### Channel 149 (5745MHz)-7



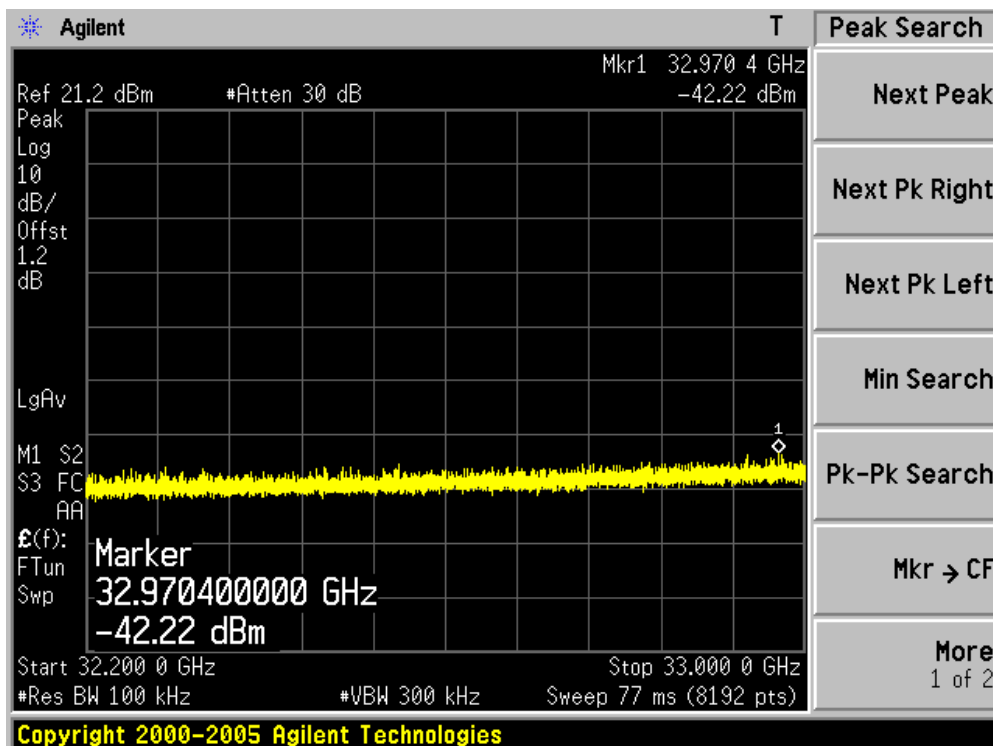
Channel 149 (5745MHz)-8



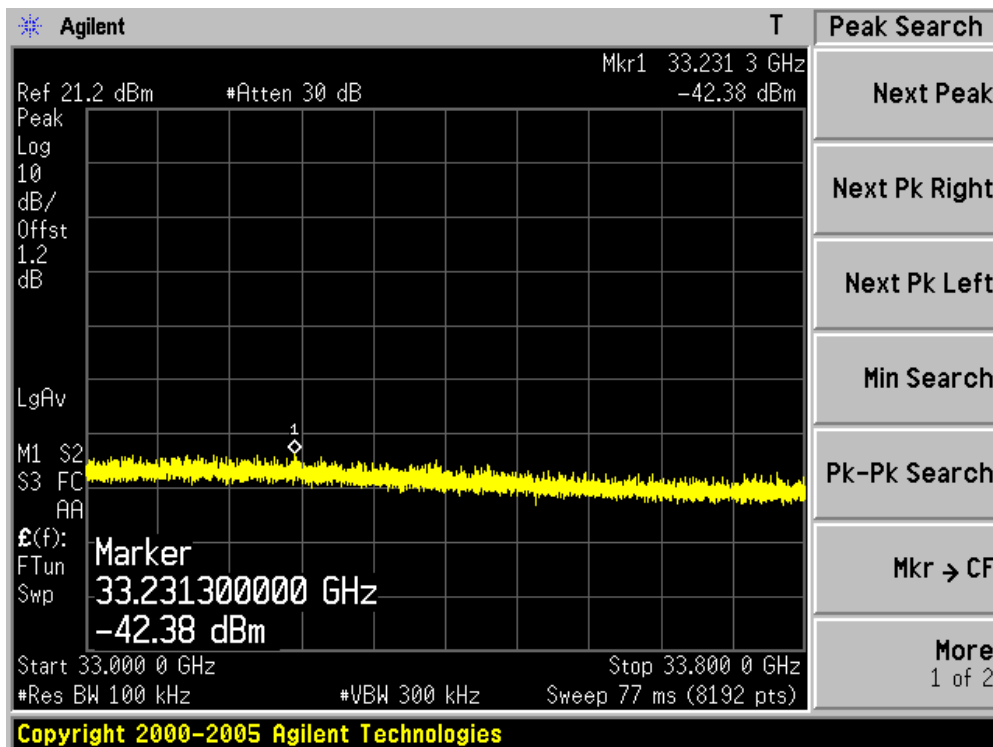
Channel 149 (5745MHz)-9



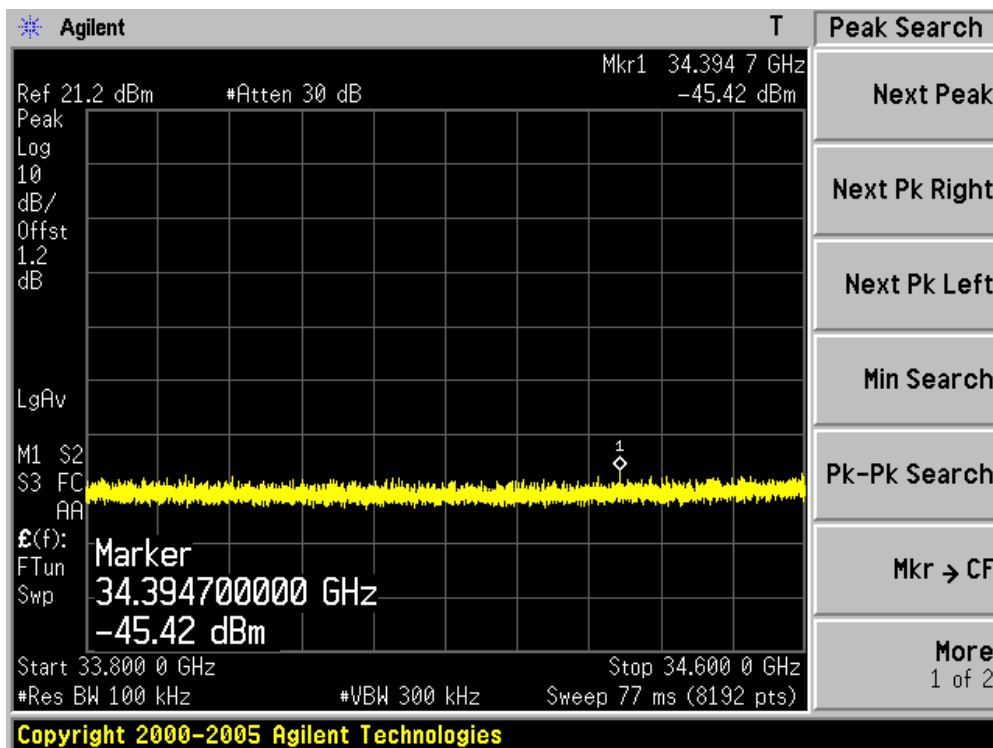
Channel 149 (5745MHz)-10



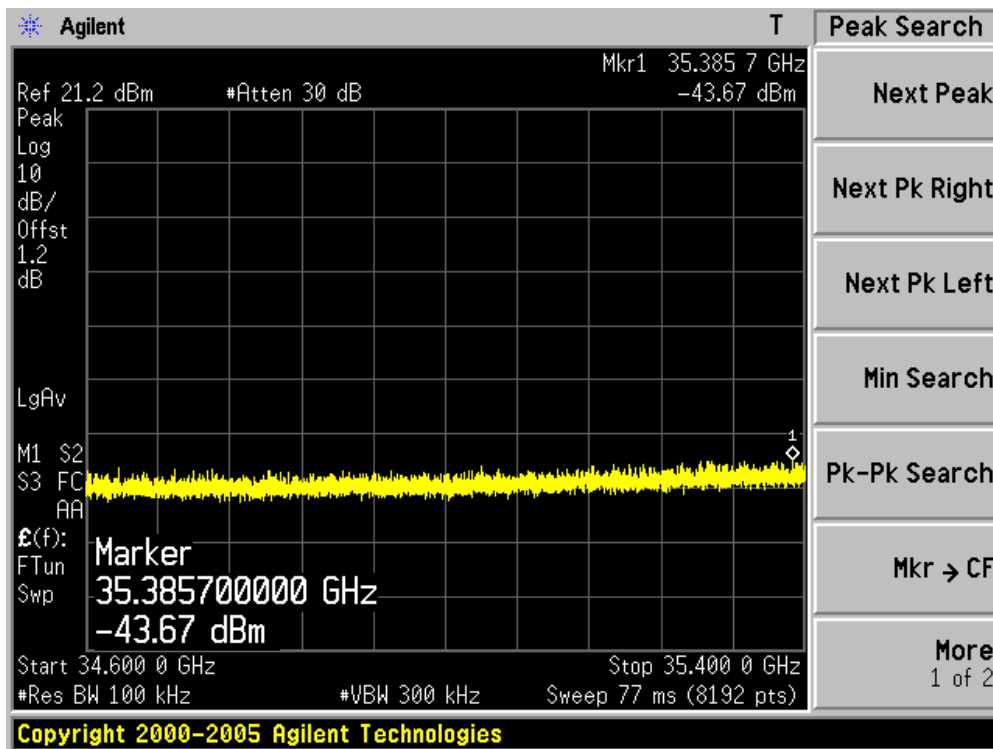
Channel 149 (5745MHz)-11



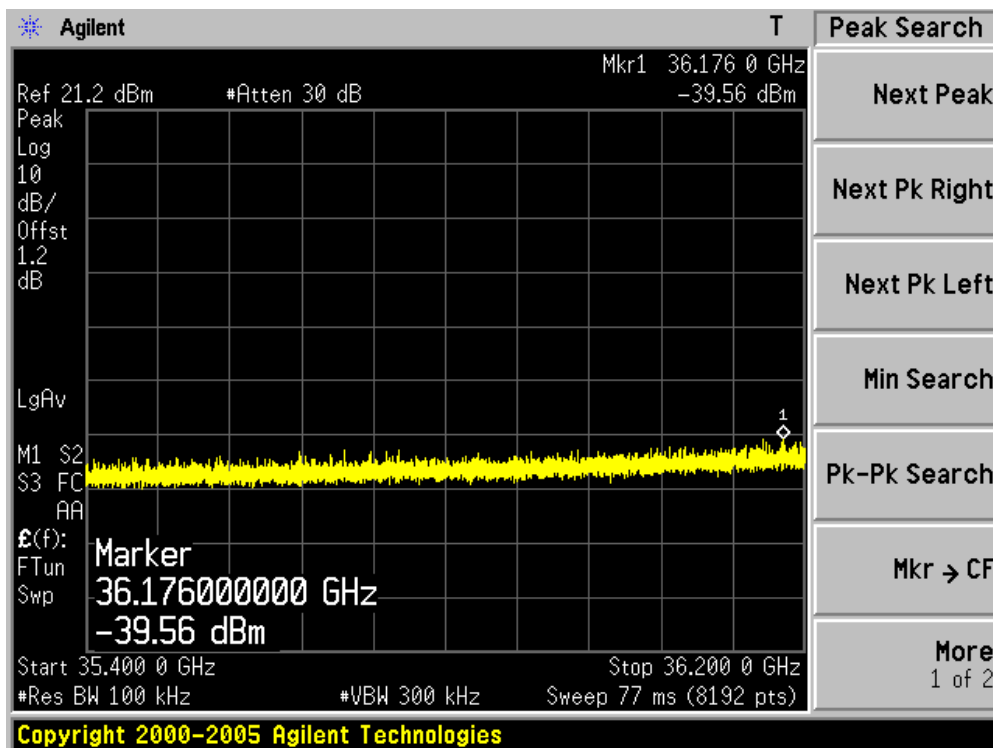
Channel 149 (5745MHz)-12



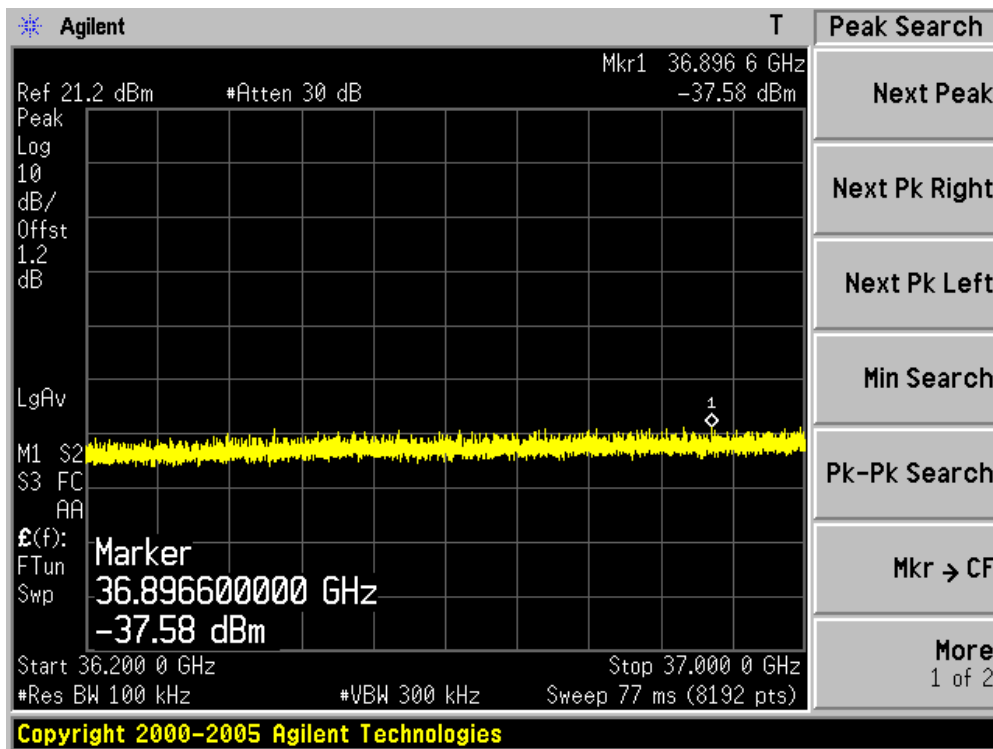
Channel 149 (5745MHz)-13



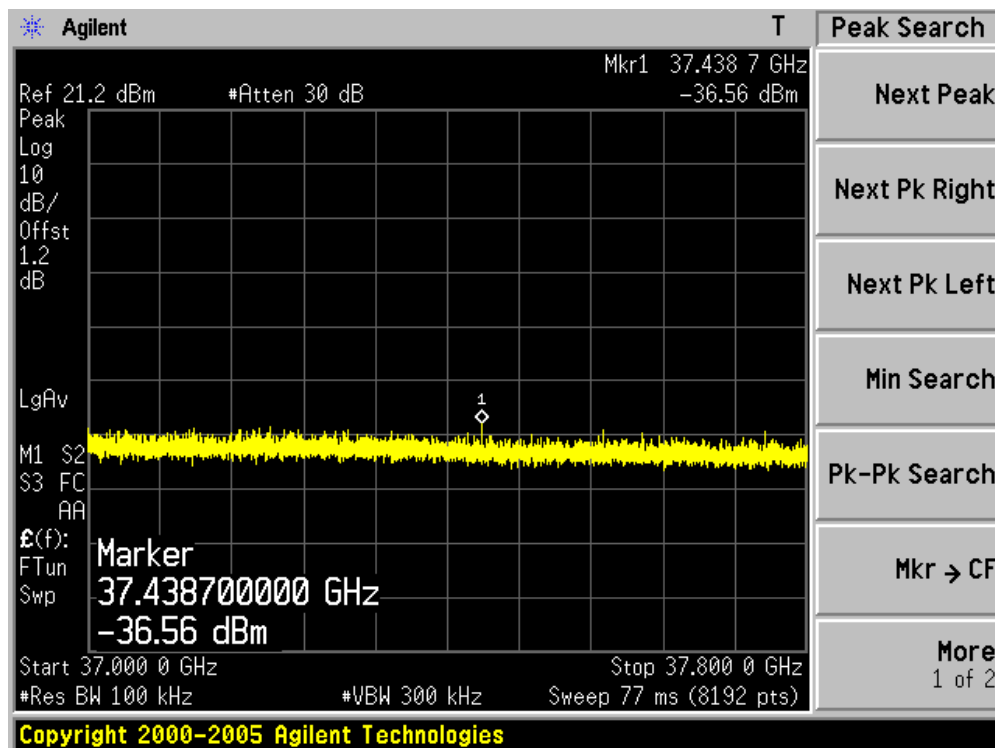
Channel 149 (5745MHz)-14



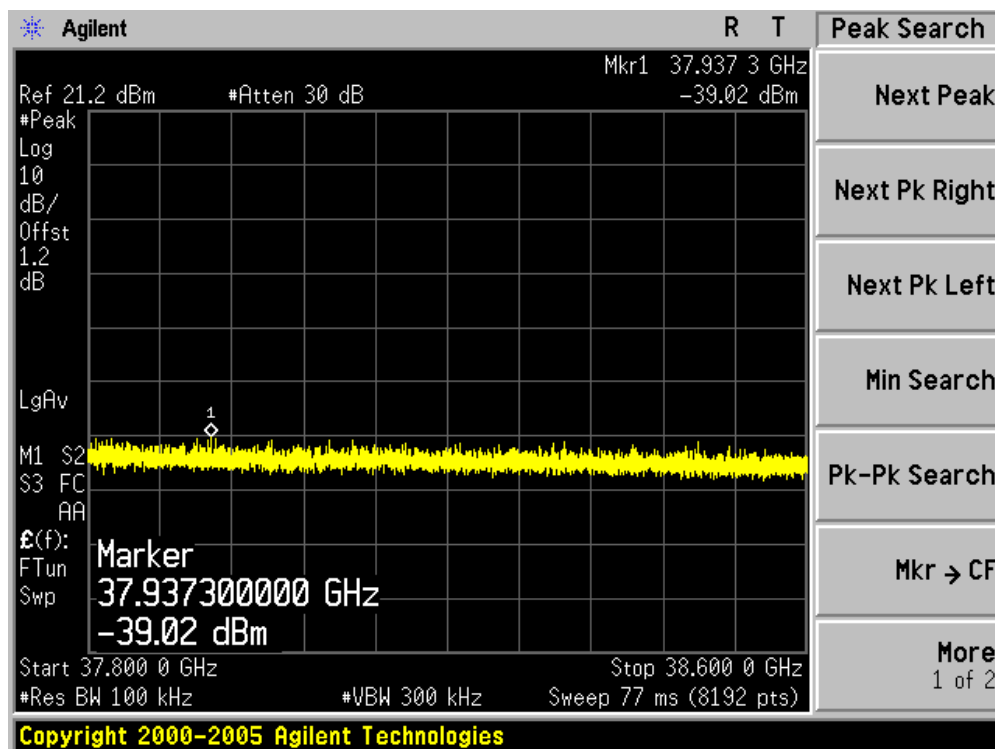
Channel 149 (5745MHz)-15



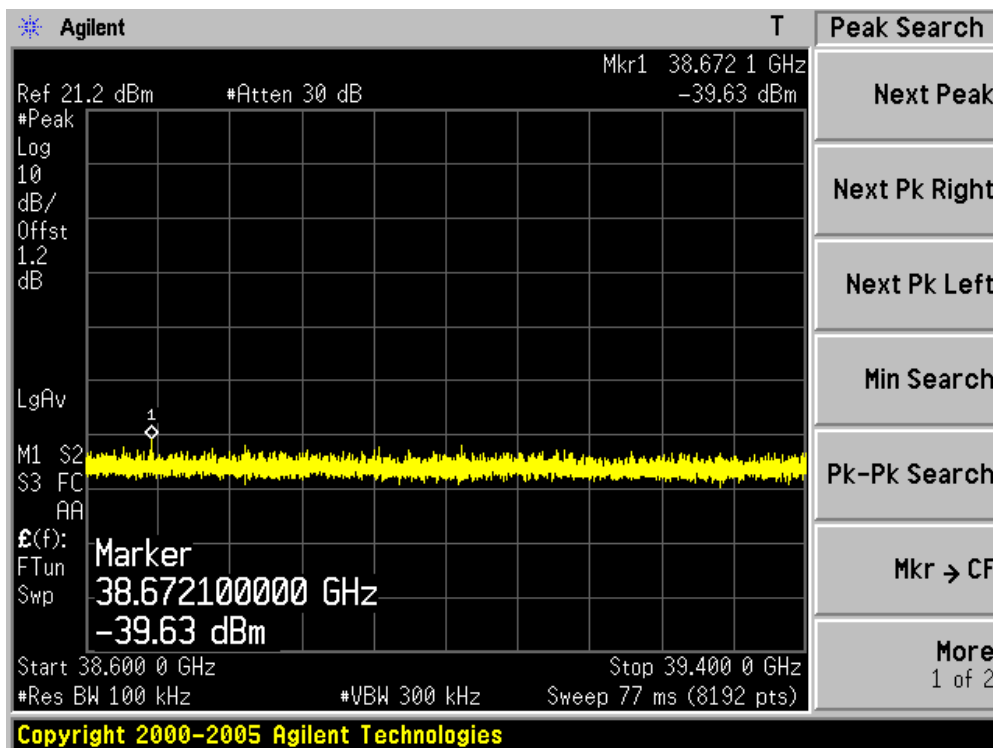
Channel 149 (5745MHz)-16



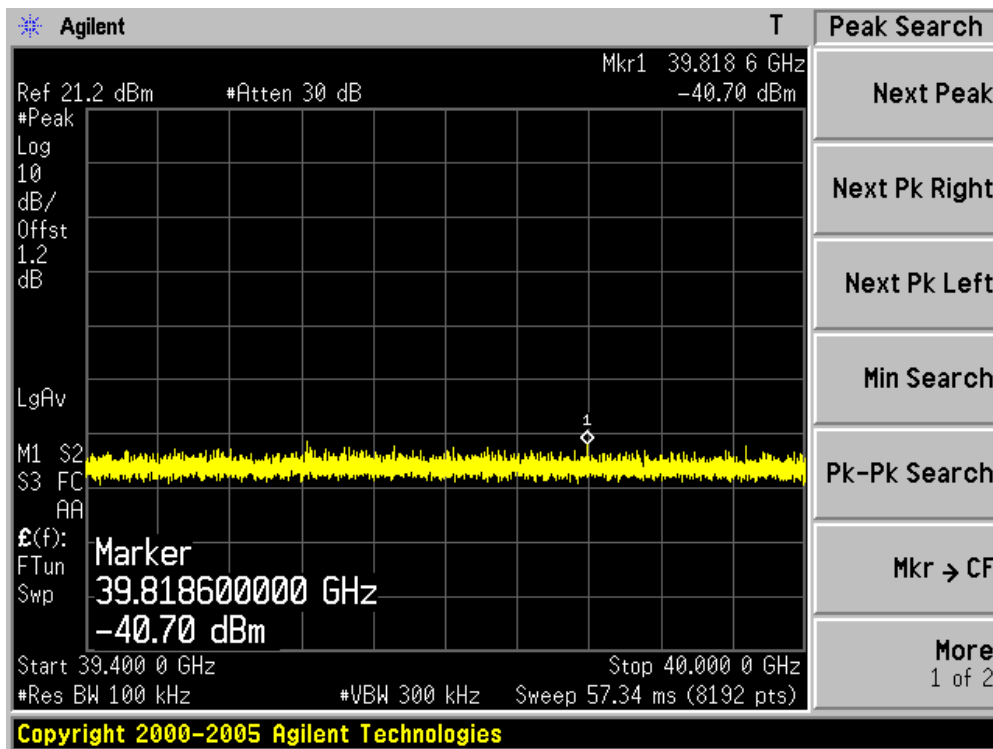
Channel 149 (5745MHz)-17



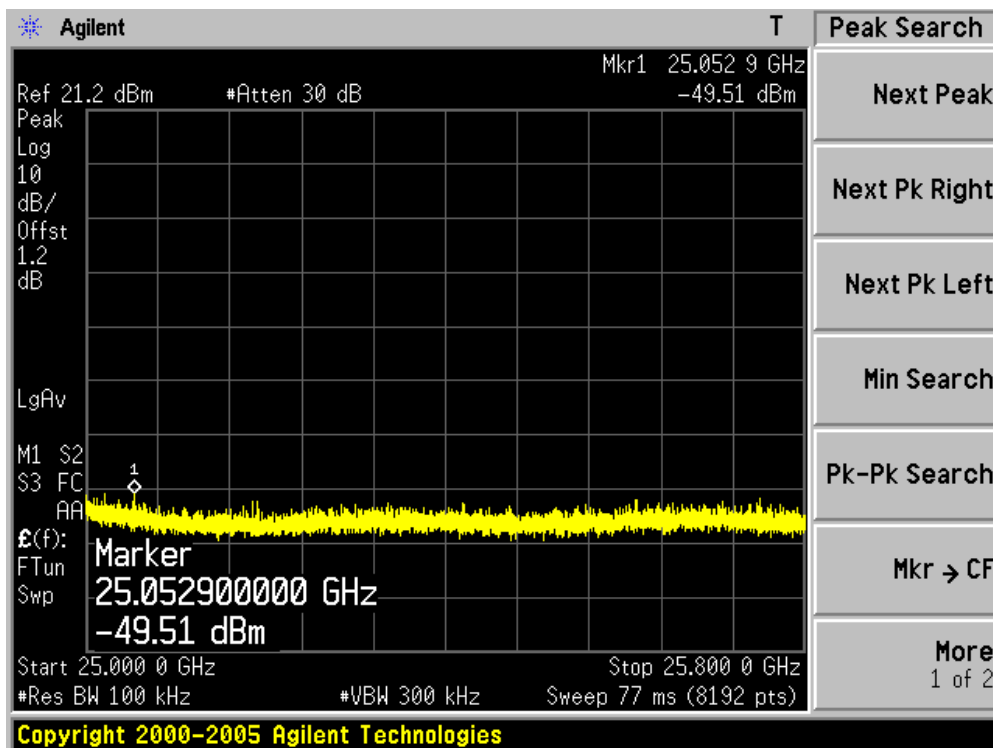
Channel 149 (5745MHz)-18



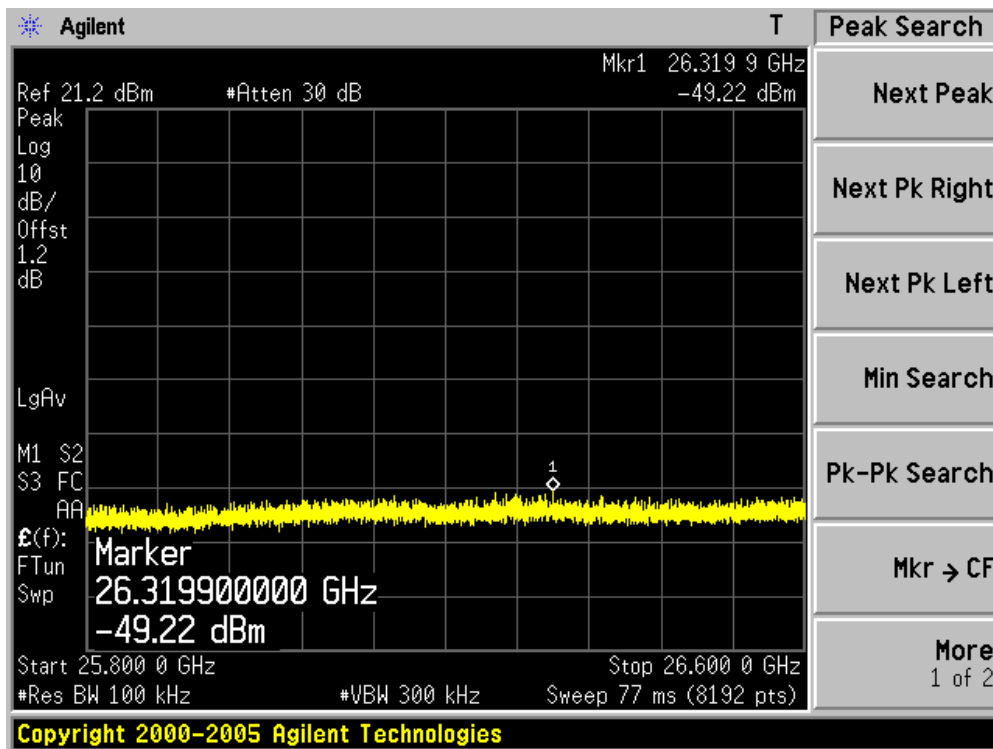
Channel 149 (5745MHz)-19



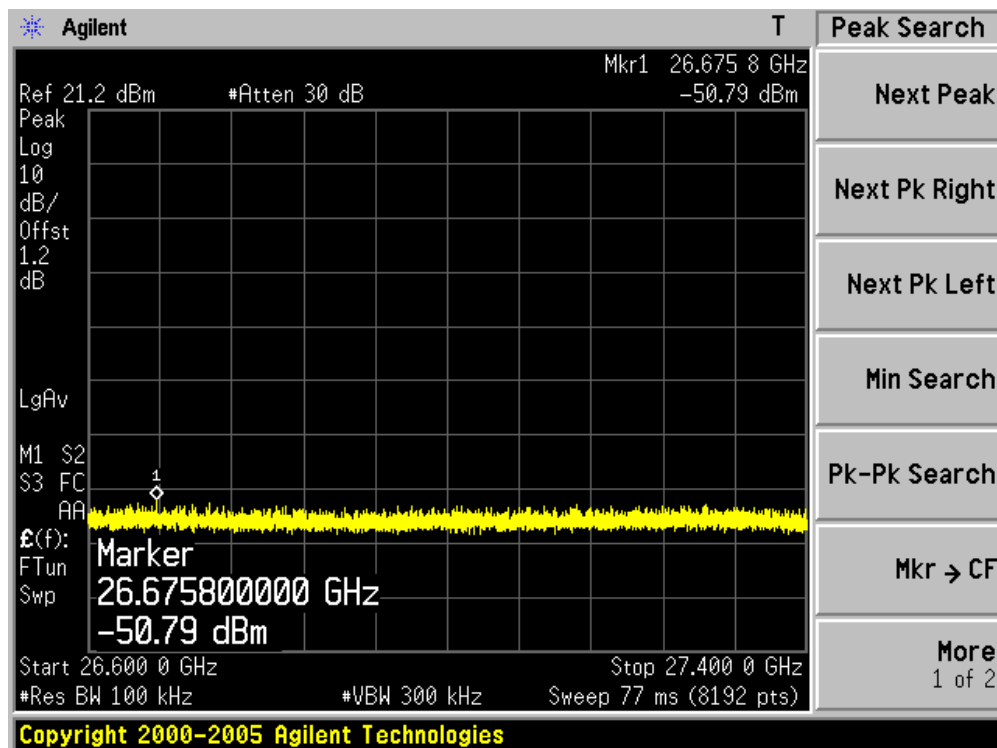
### Channel 157 (5785MHz)-1



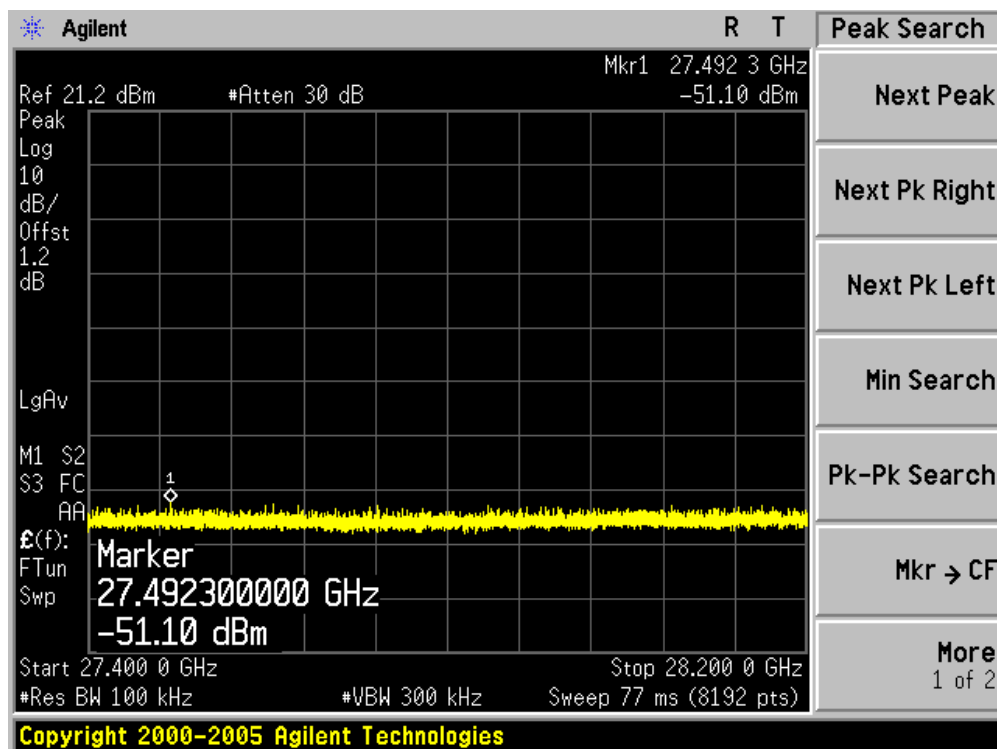
### Channel 157 (5785MHz)-2



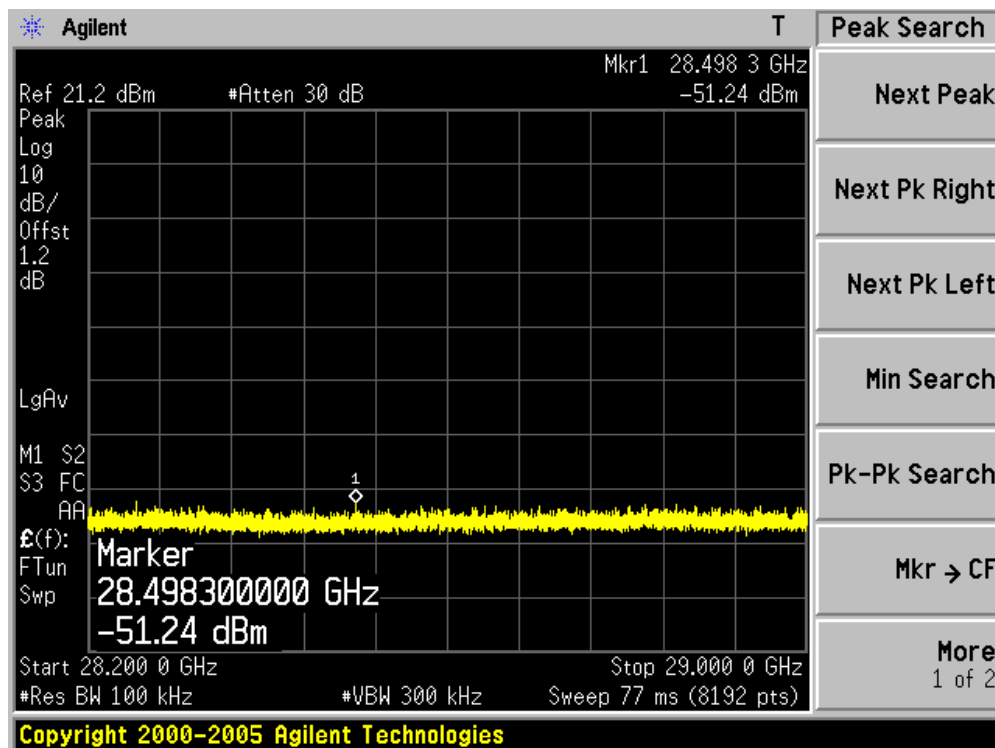
### Channel 157 (5785MHz)-3



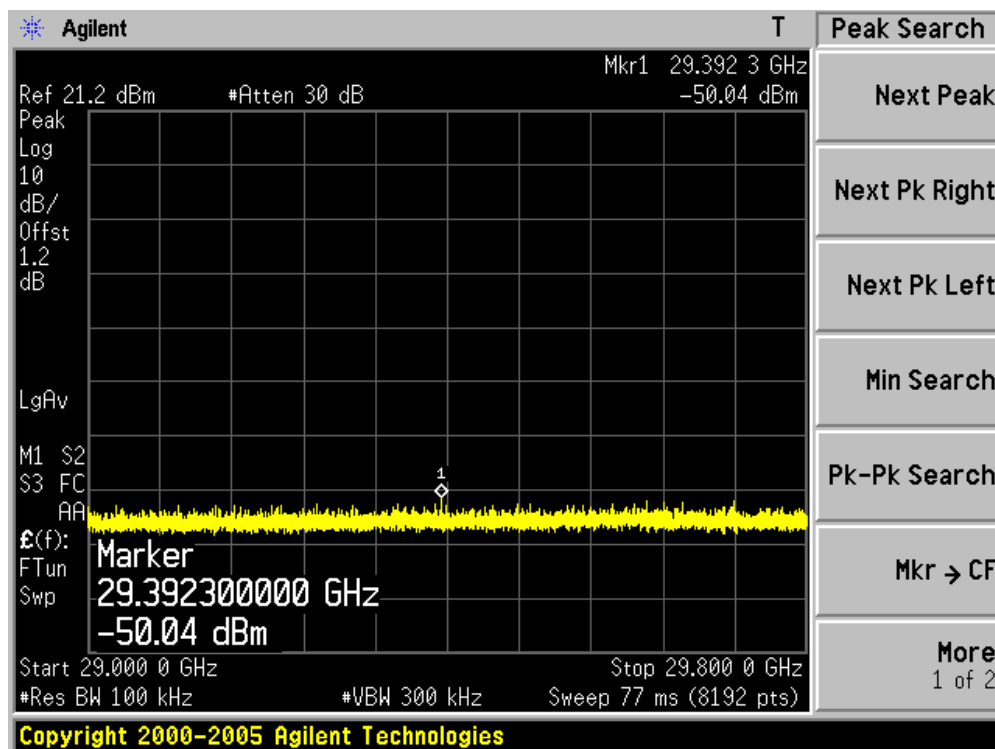
### Channel 157 (5785MHz)-4



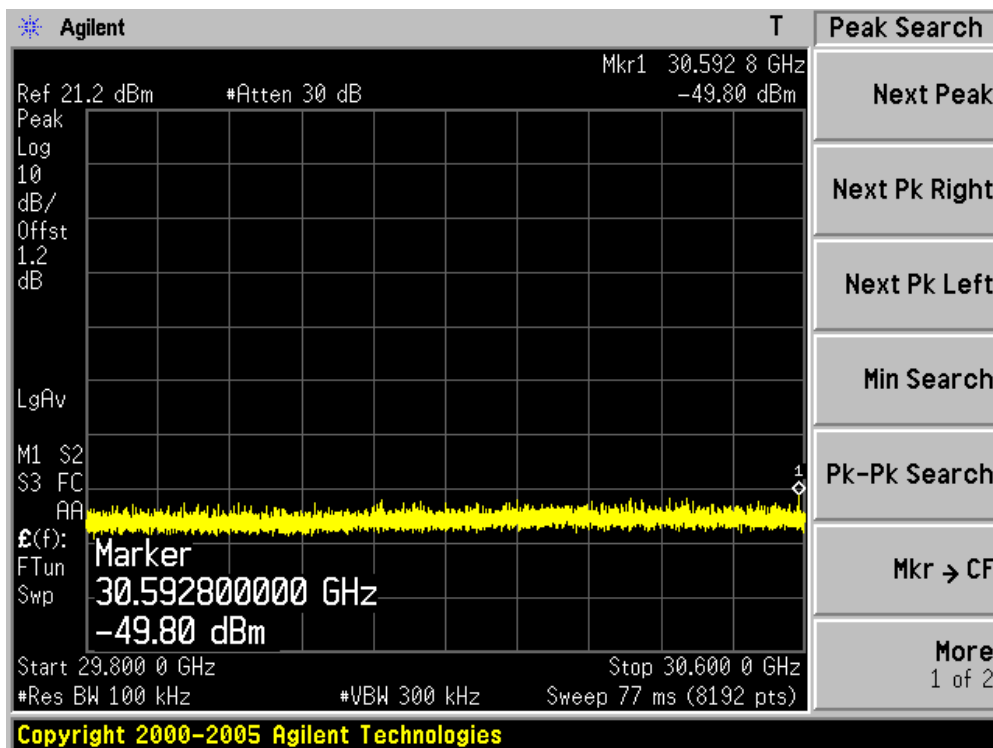
### Channel 157 (5785MHz)-5



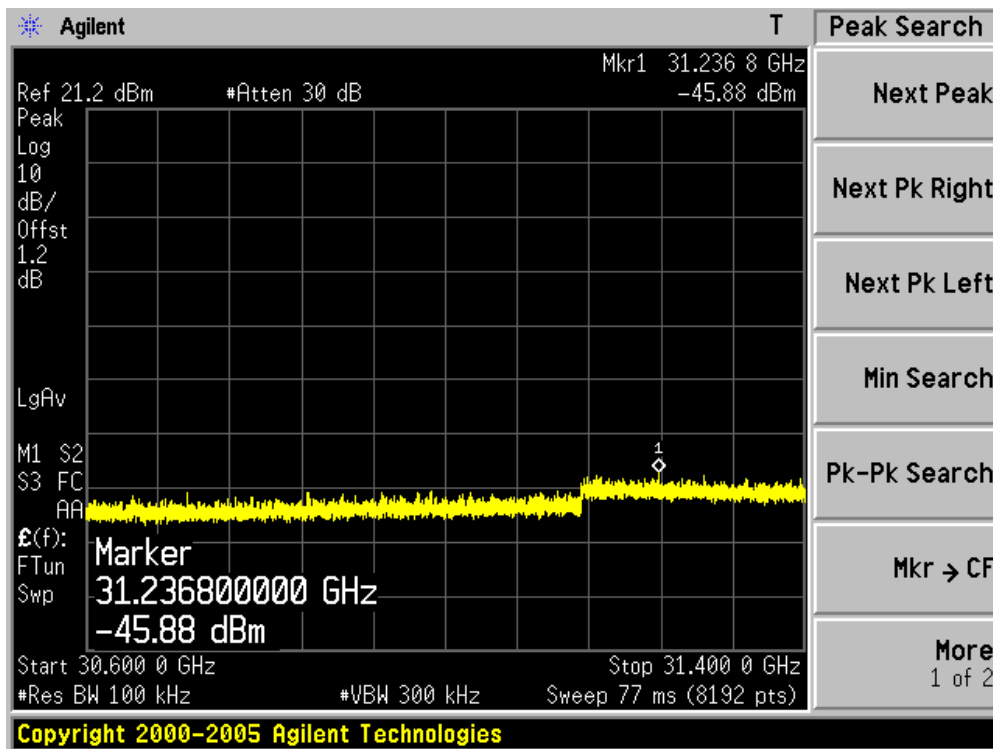
### Channel 157 (5785MHz)-6



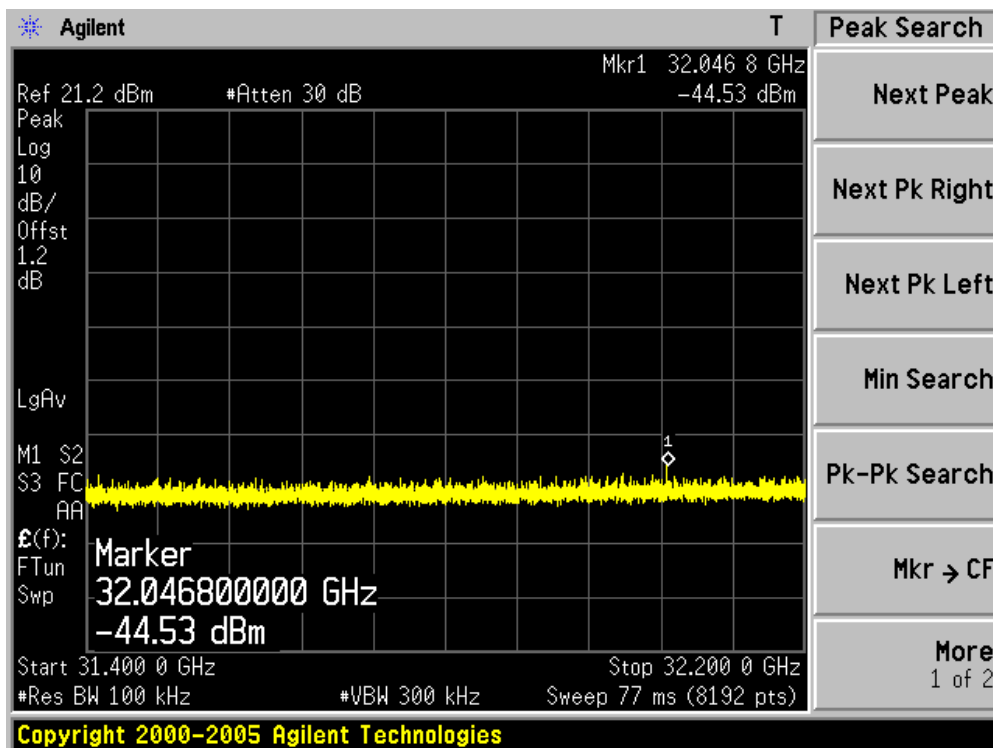
Channel 157 (5785MHz)-7



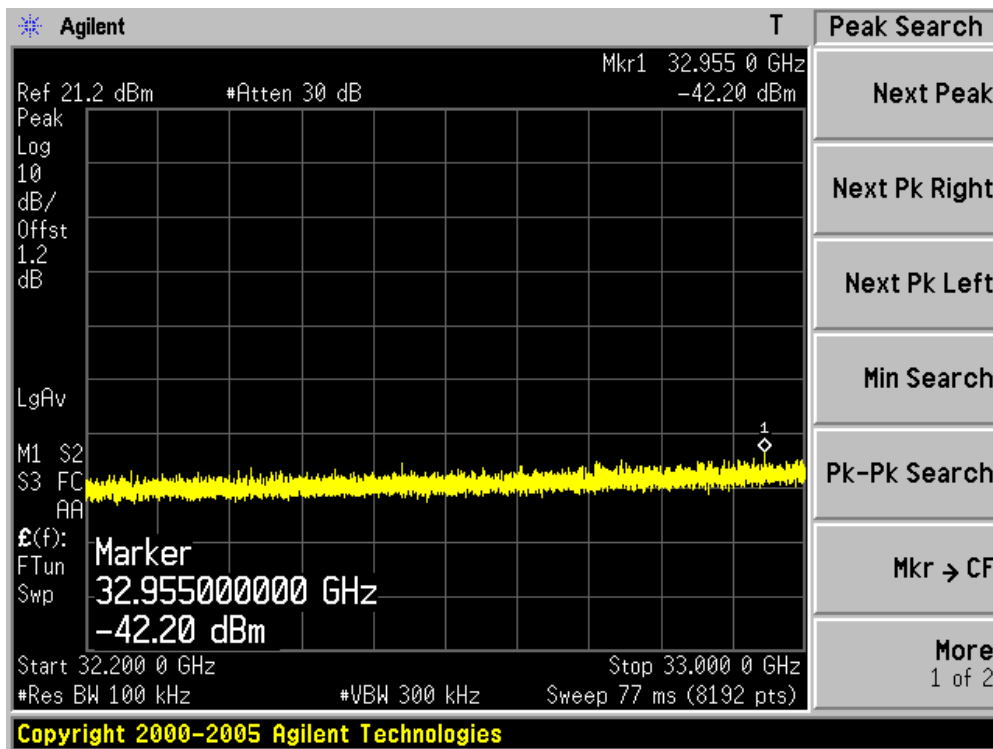
Channel 157 (5785MHz)-8



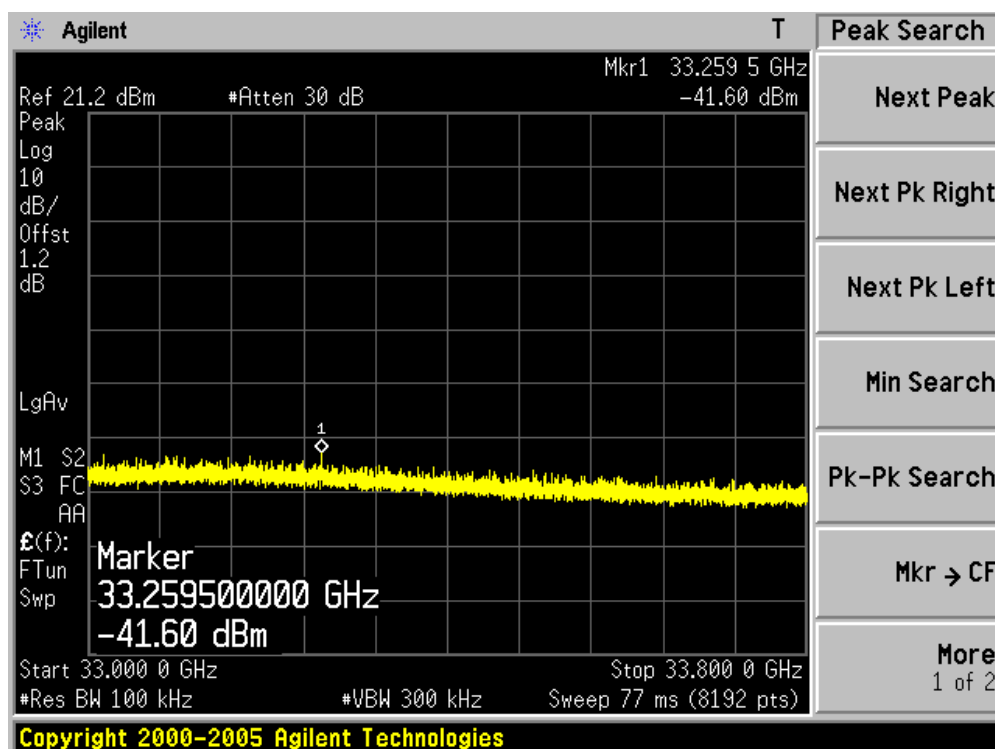
Channel 157 (5785MHz)-9



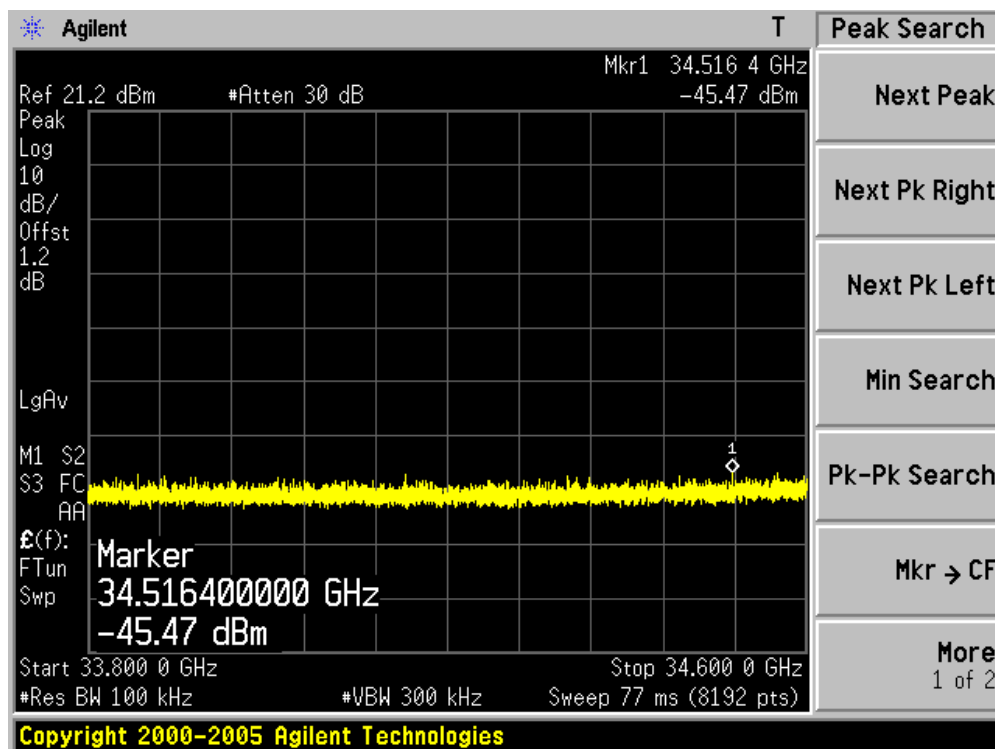
Channel 157 (5785MHz)-10



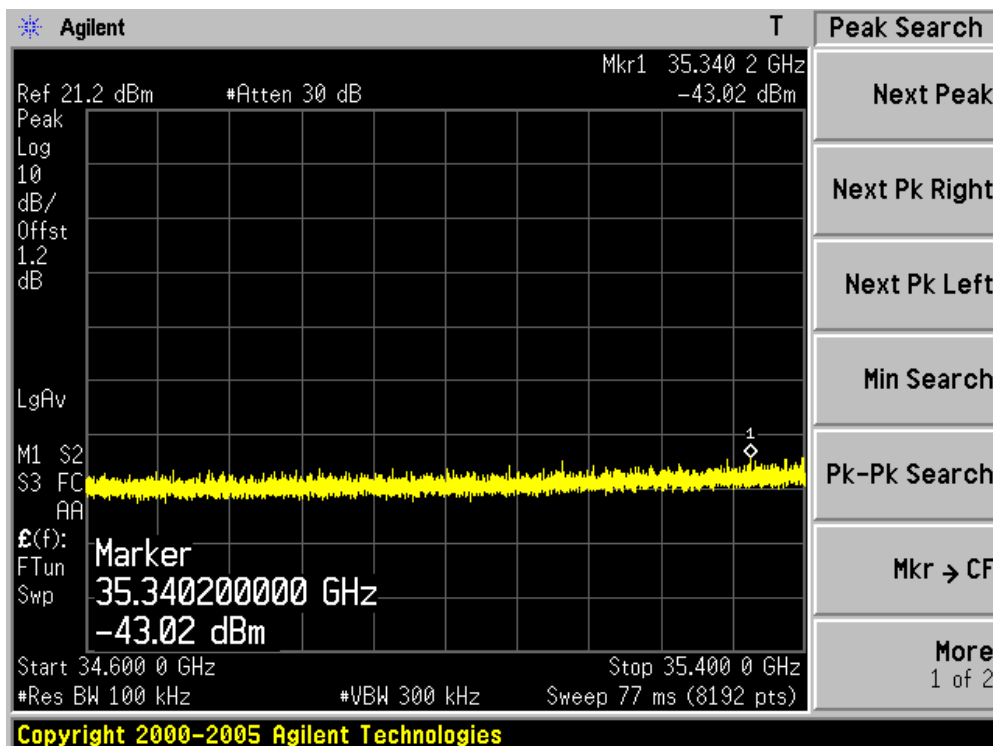
Channel 157 (5785MHz)-11



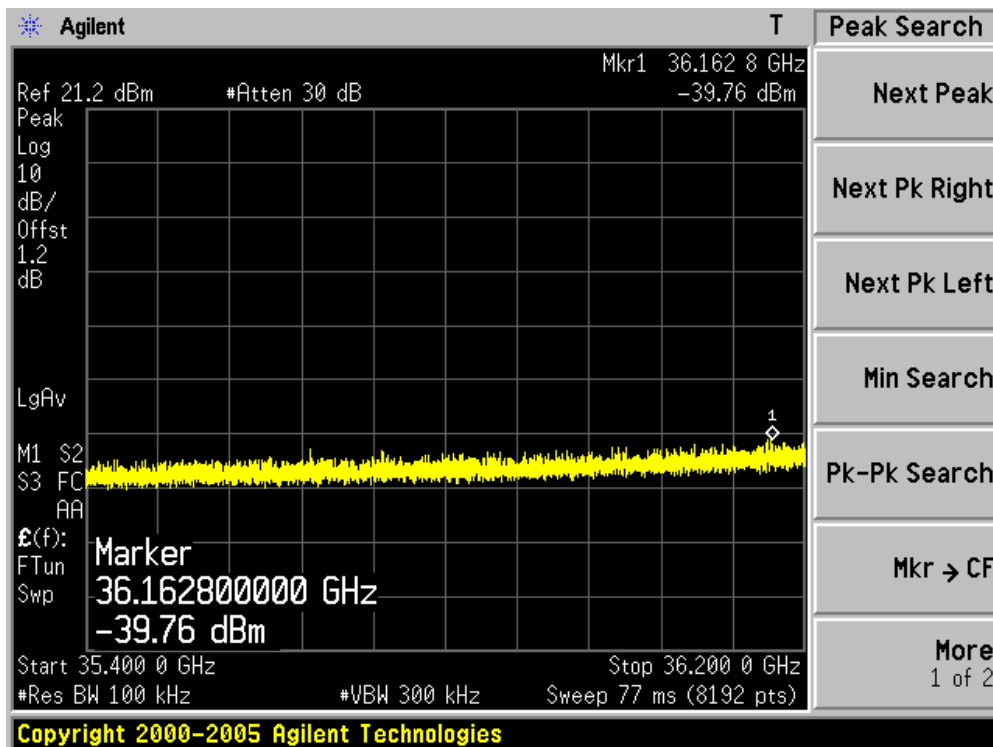
Channel 157 (5785MHz)-12



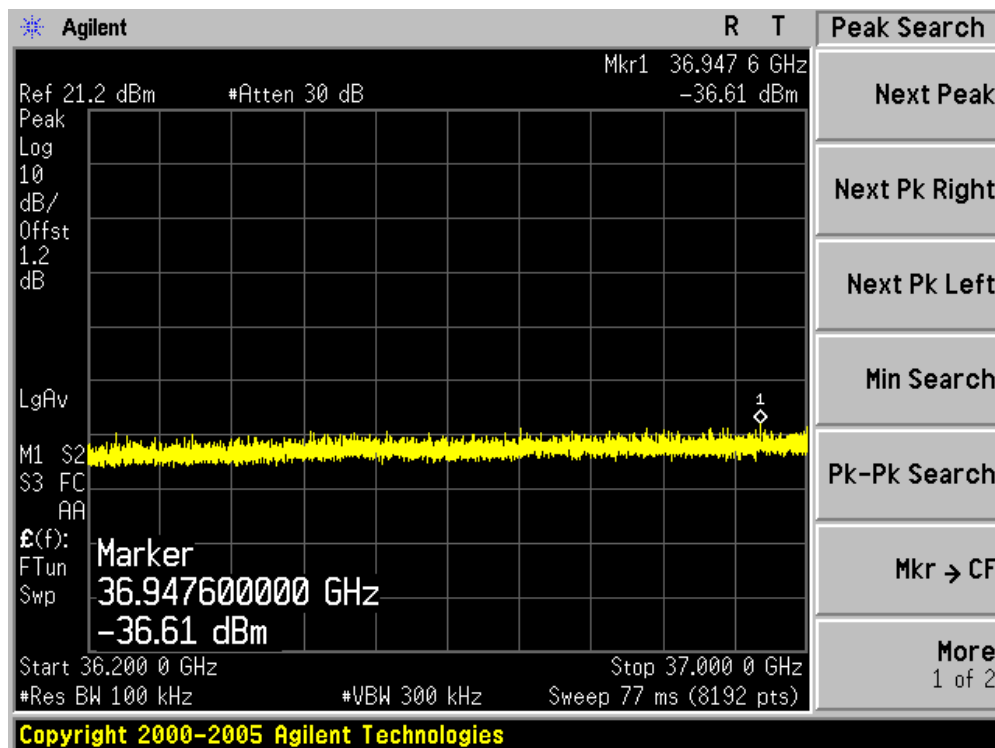
### Channel 157 (5785MHz)-13



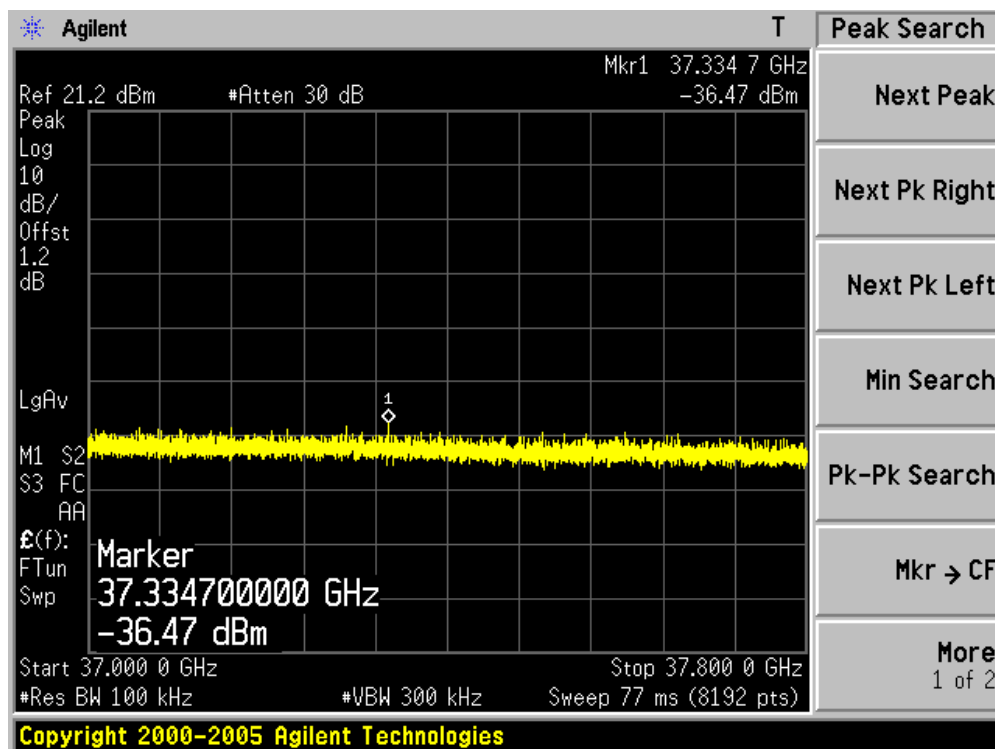
### Channel 157 (5785MHz)-14



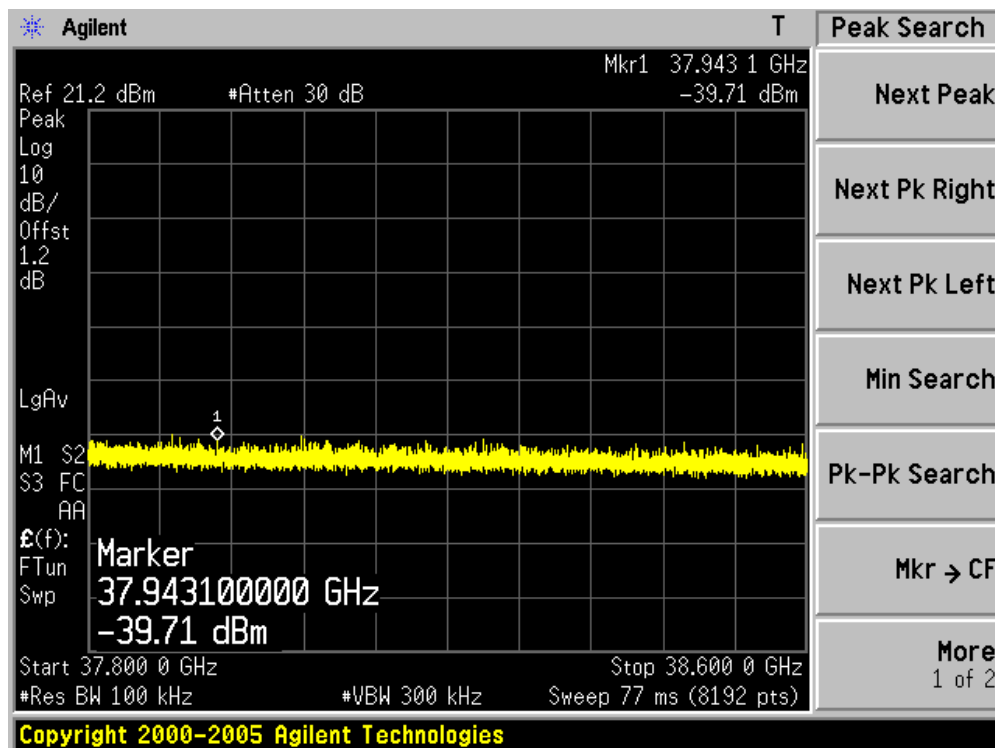
Channel 157 (5785MHz)-15



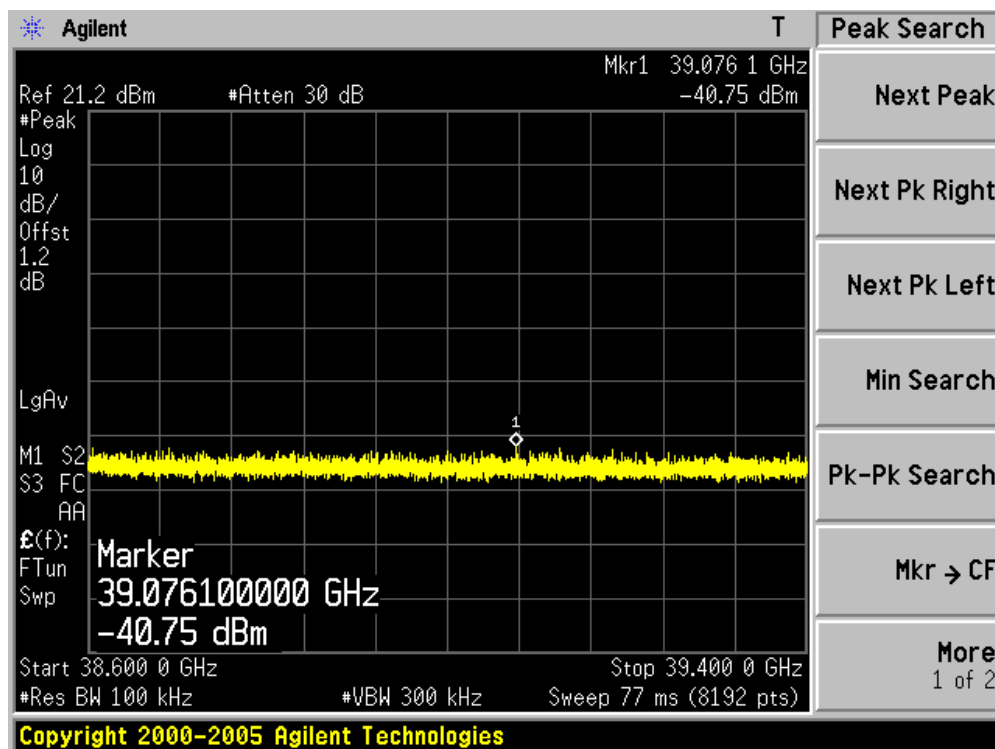
Channel 157 (5785MHz)-16



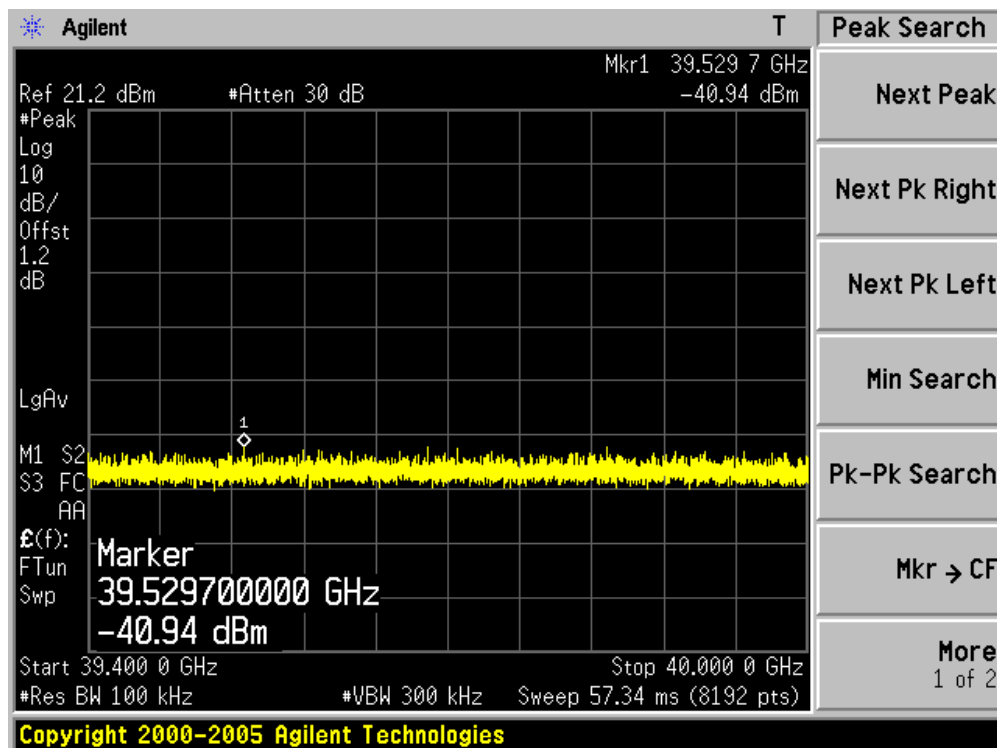
### Channel 157 (5785MHz)-17



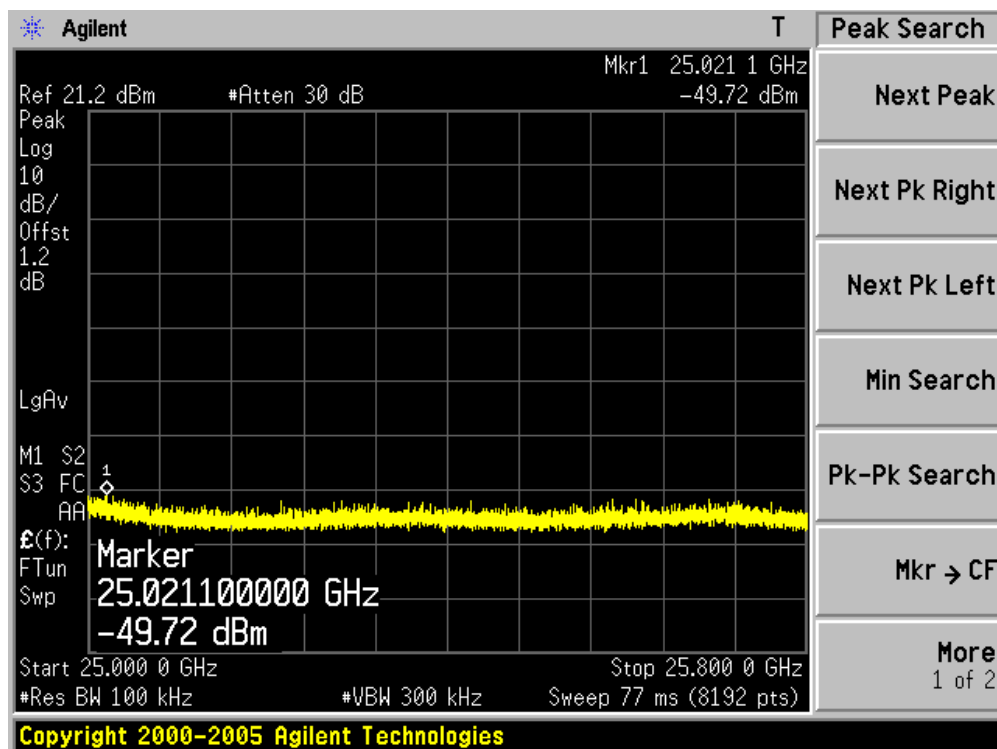
### Channel 157 (5785MHz)-18



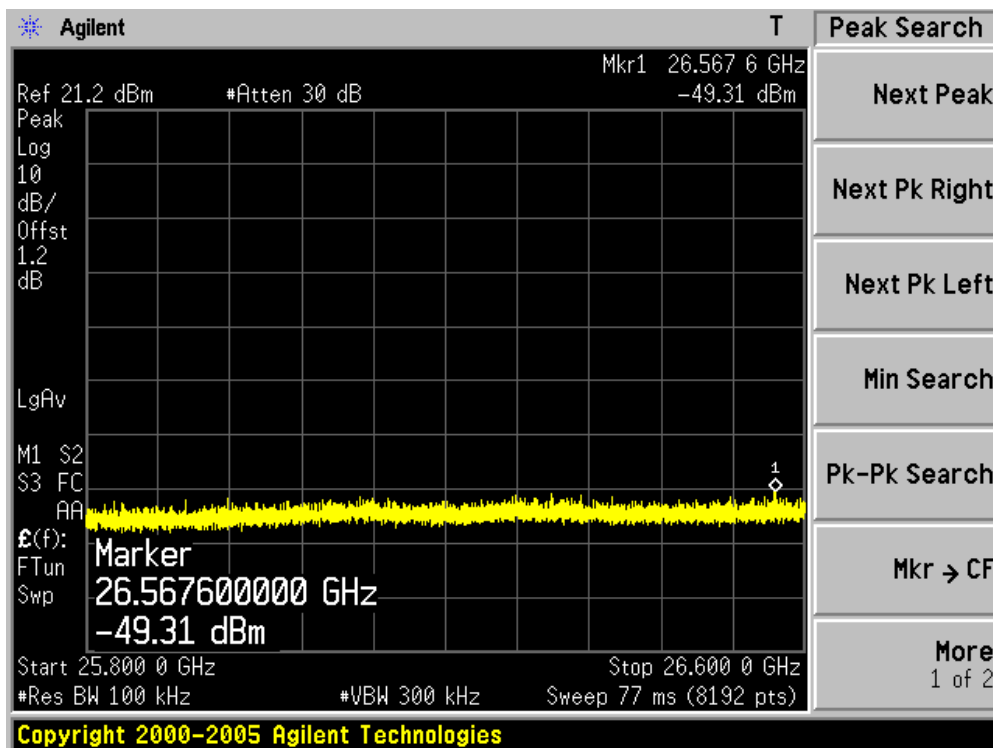
### Channel 157 (5785MHz)-19



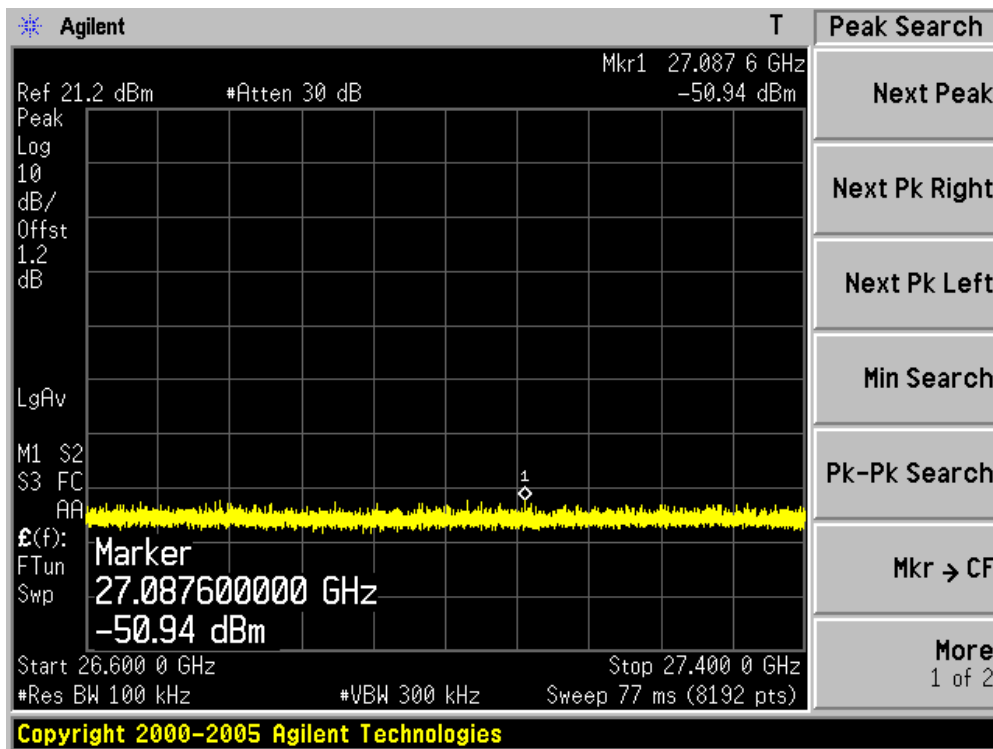
### Channel 165 (5825MHz)-1



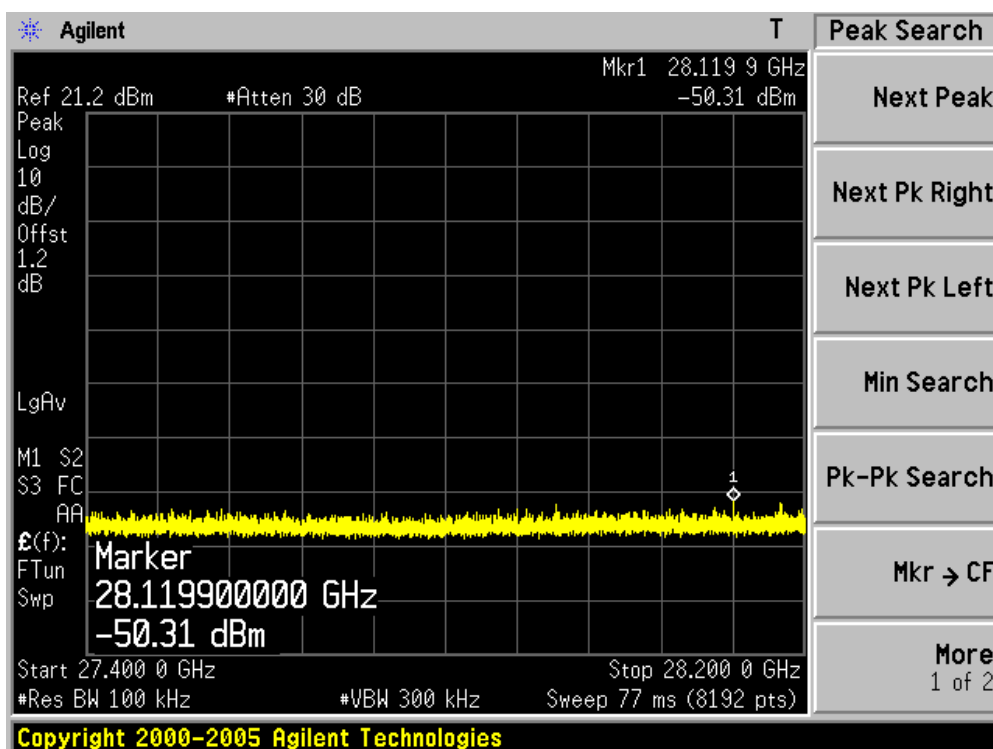
Channel 165 (5825MHz)-2



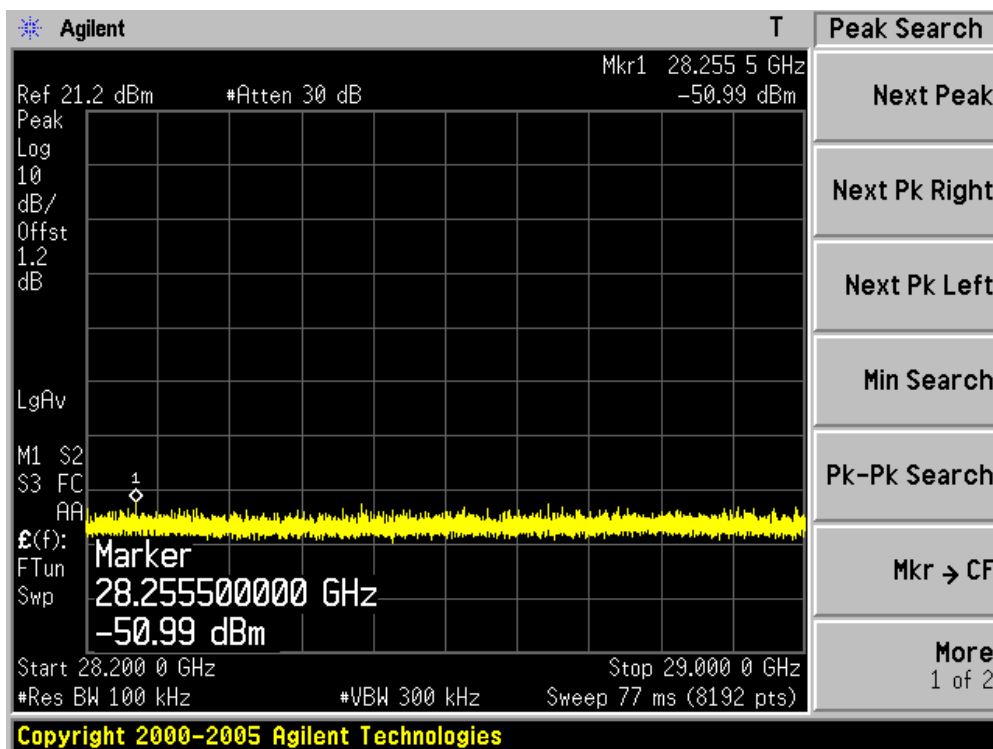
Channel 165 (5825MHz)-3



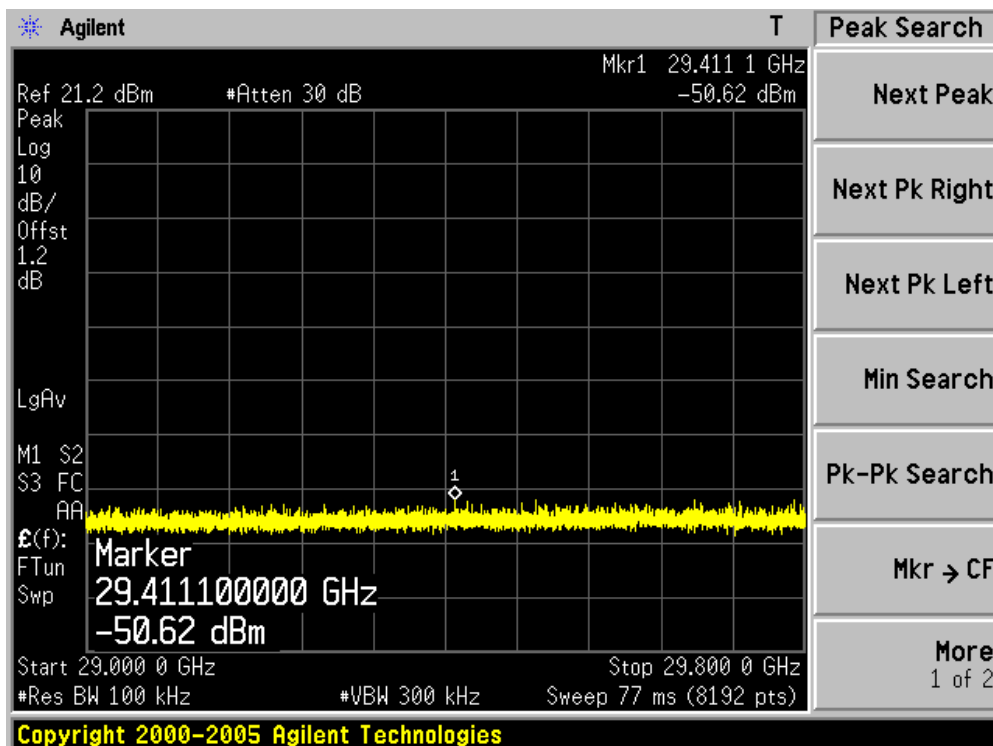
### Channel 165 (5825MHz)-4



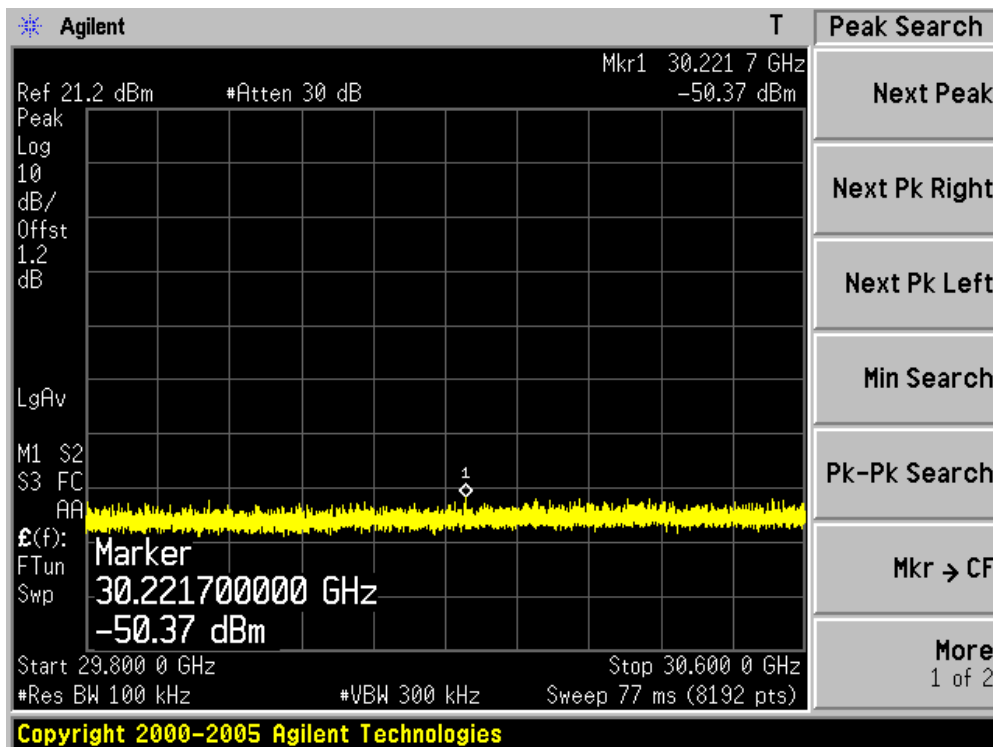
### Channel 165 (5825MHz)-5



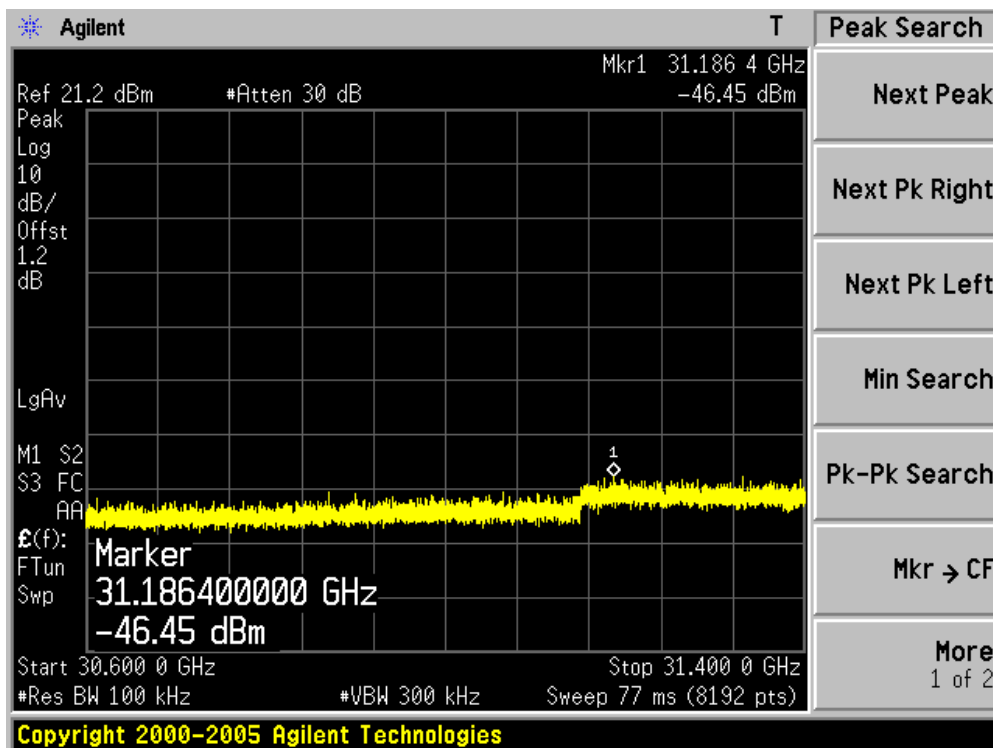
Channel 165 (5825MHz)-6



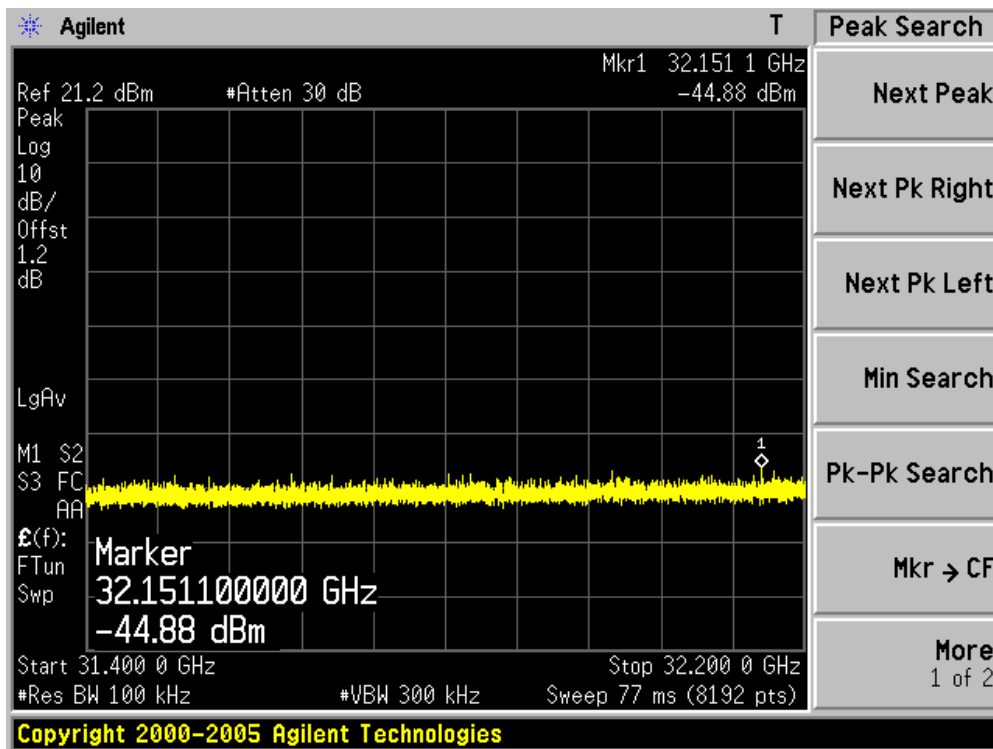
Channel 165 (5825MHz)-7



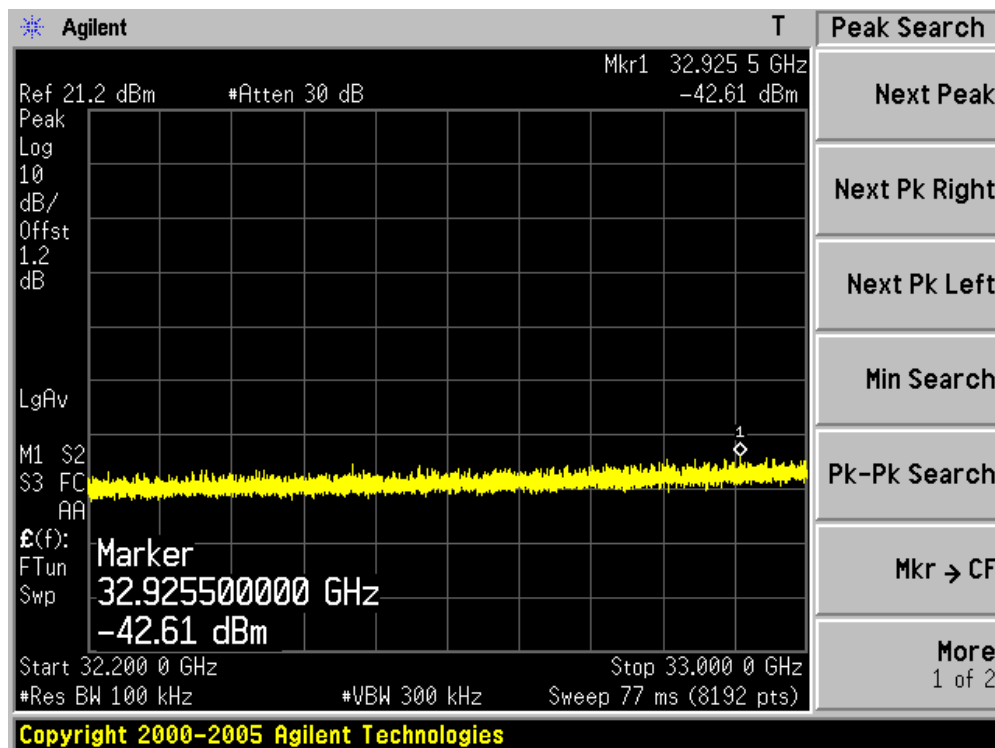
Channel 165 (5825MHz)-8



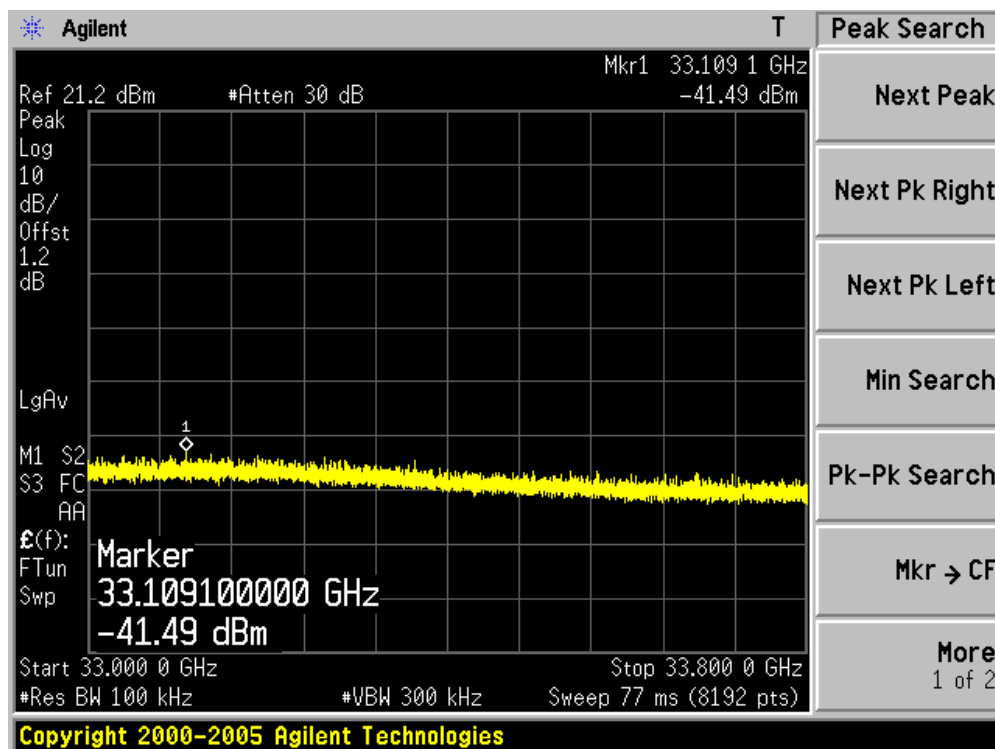
Channel 165 (5825MHz)-9



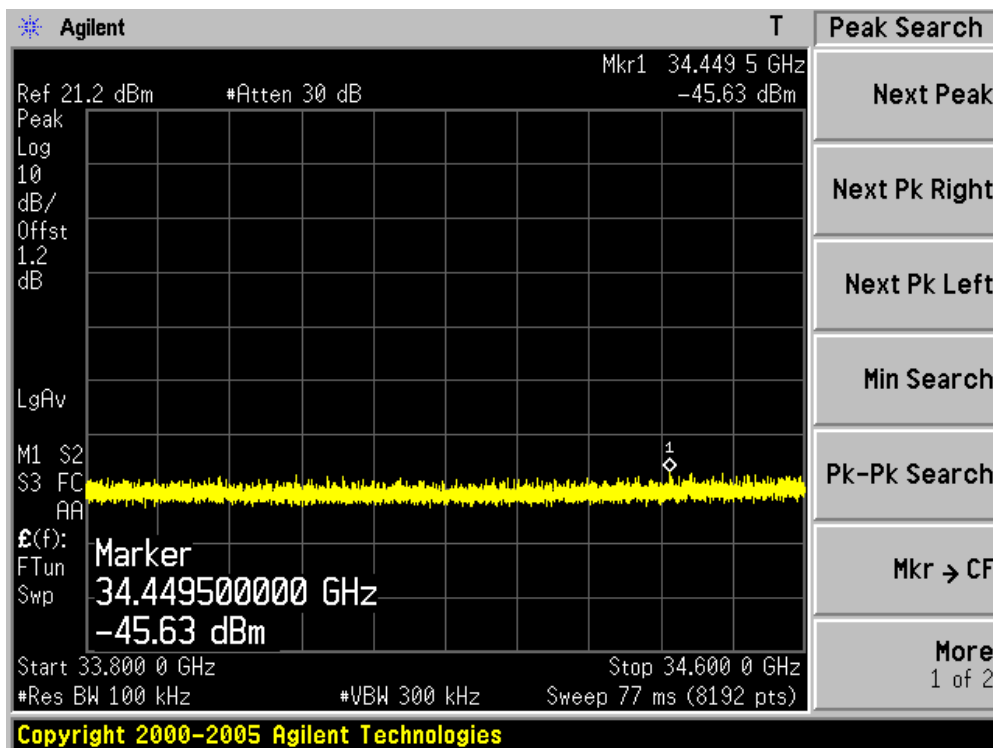
Channel 165 (5825MHz)-10



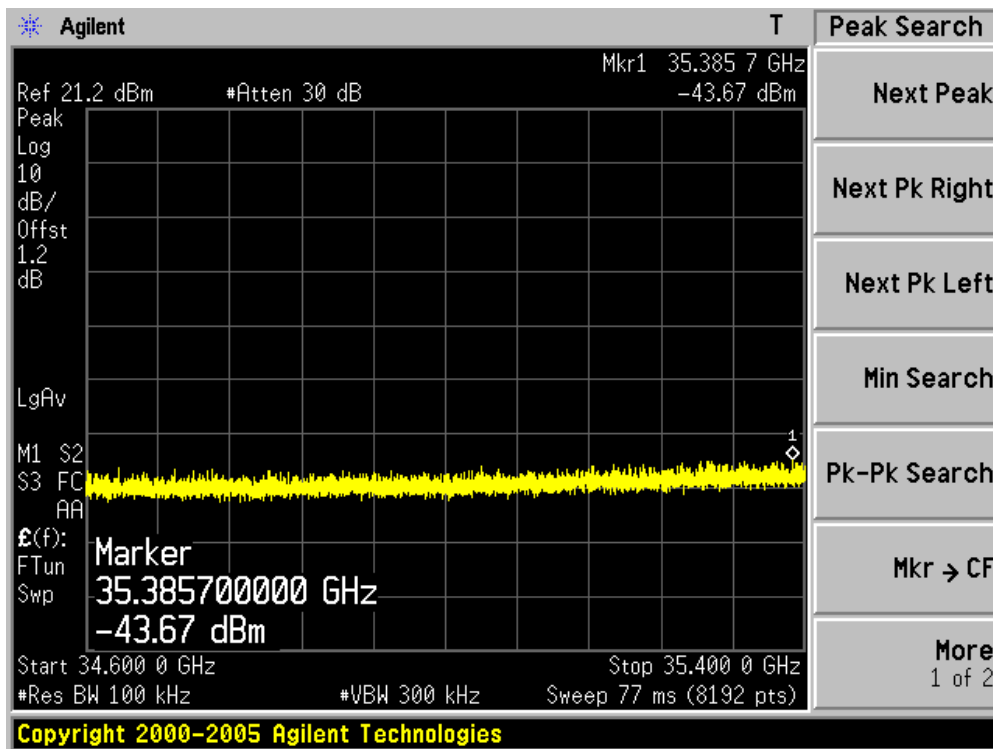
Channel 165 (5825MHz)-11



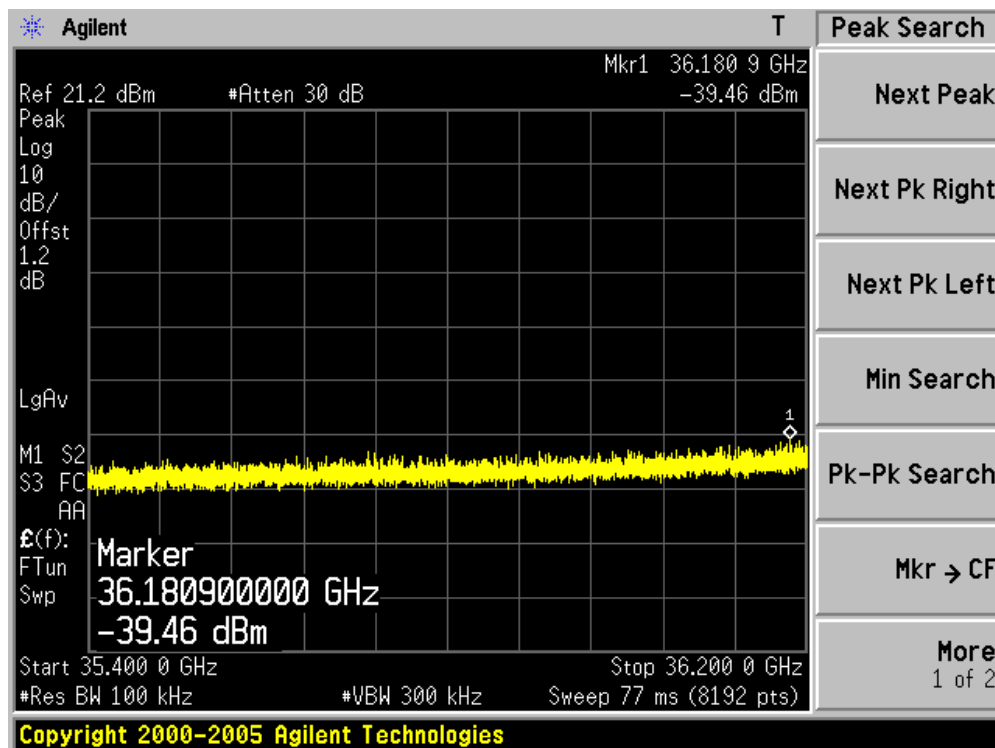
Channel 165 (5825MHz)-12



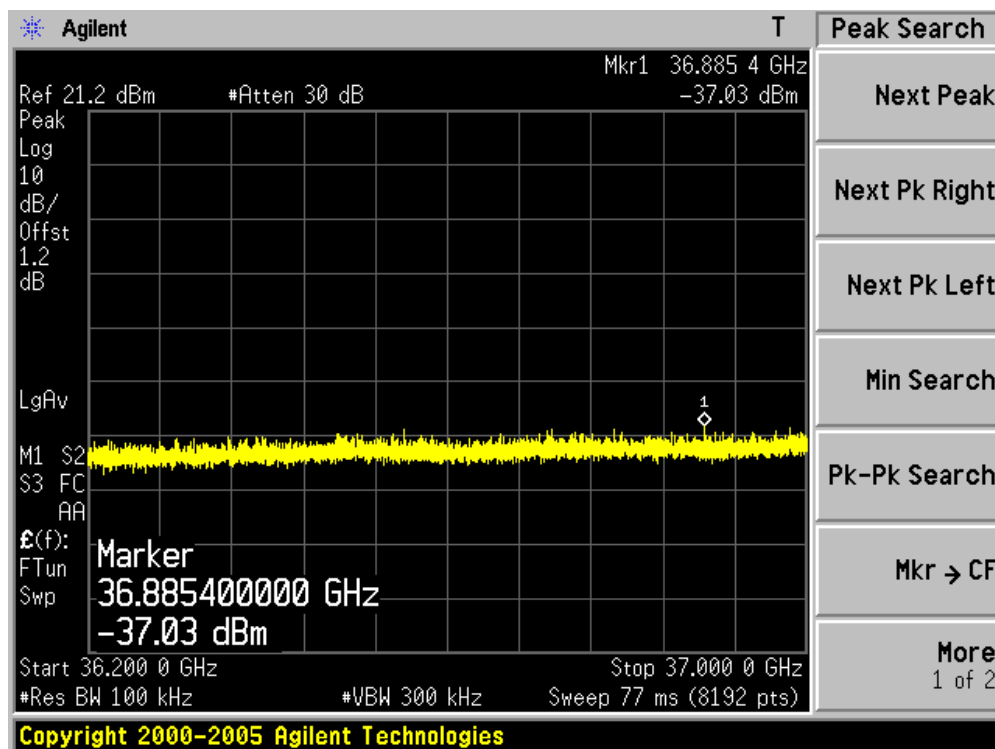
Channel 165 (5825MHz)-13



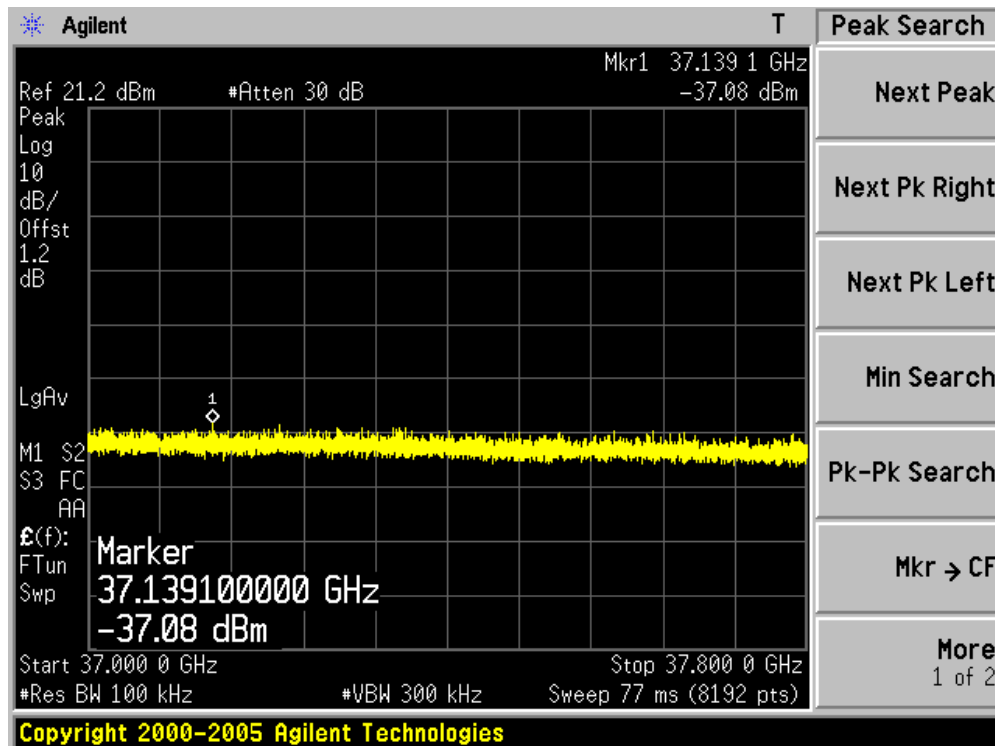
Channel 165 (5825MHz)-14



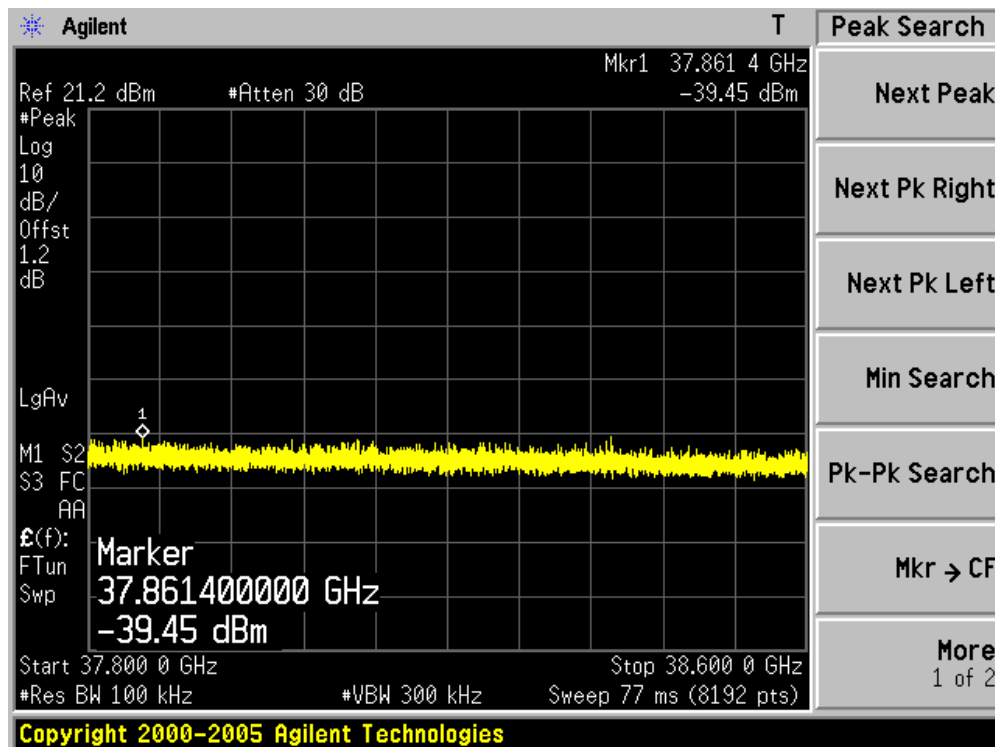
Channel 165 (5825MHz)-15



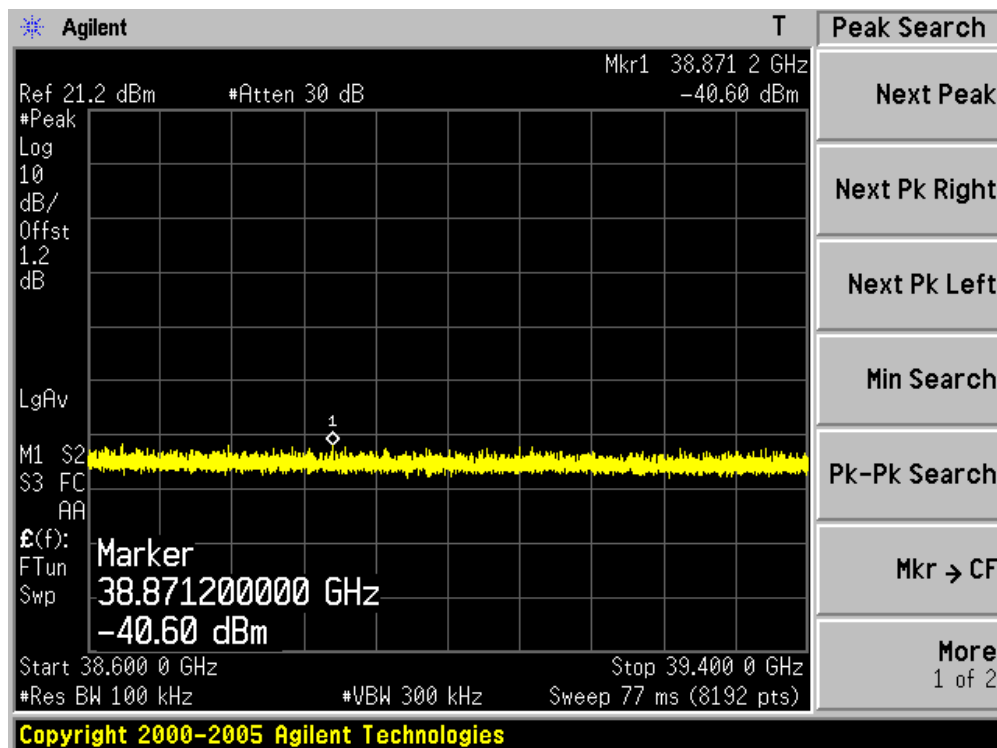
### Channel 165 (5825MHz)-16



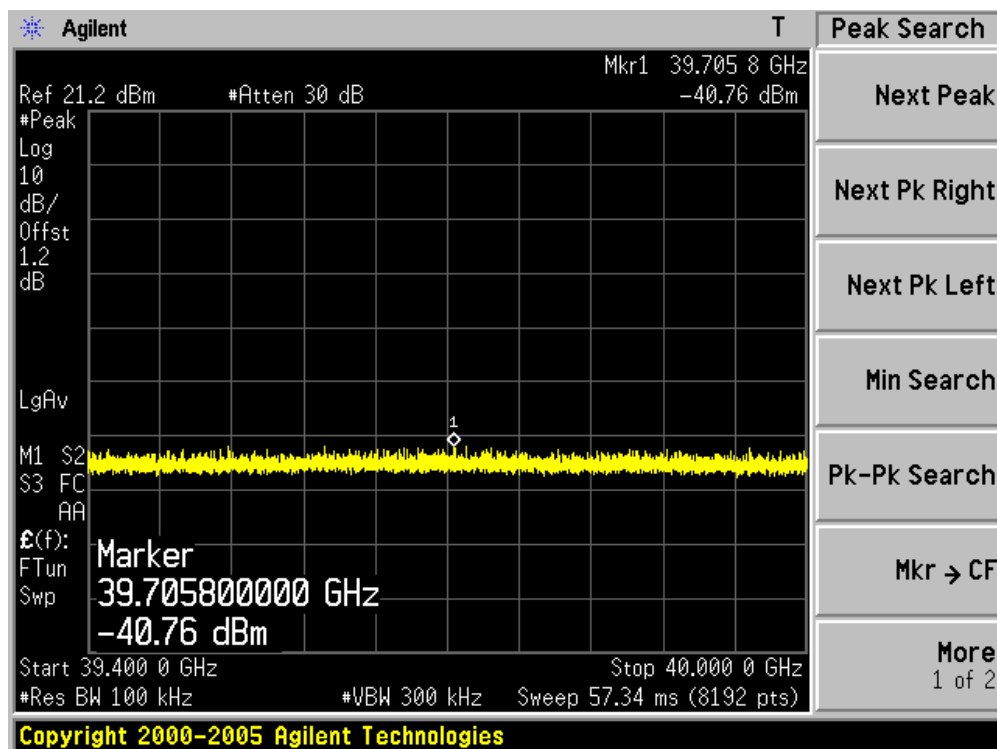
### Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

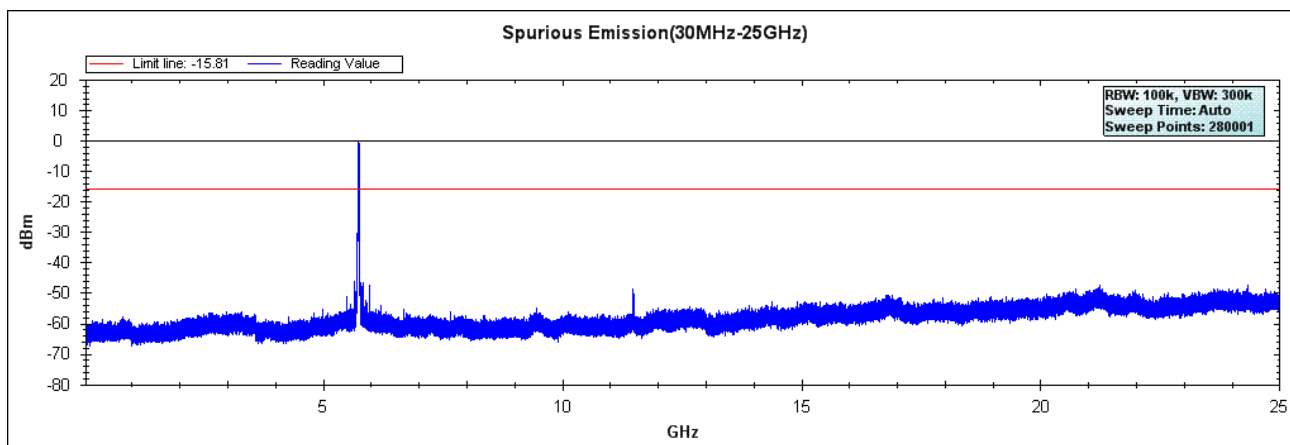


Channel 165 (5825MHz)-19

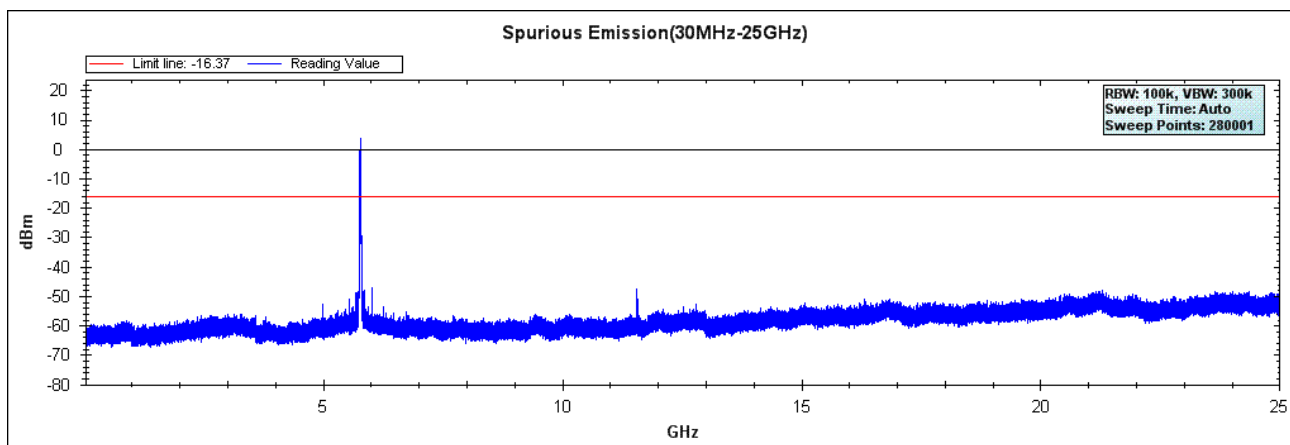


|           |   |                                            |
|-----------|---|--------------------------------------------|
| Product   | : | Mi Wi-Fi                                   |
| Test Item | : | RF Antenna Conducted Spurious              |
| Test Site | : | TR-8                                       |
| Test Mode | : | Mode 4: Transmit by 802.11n(20MHz) (Ant 2) |

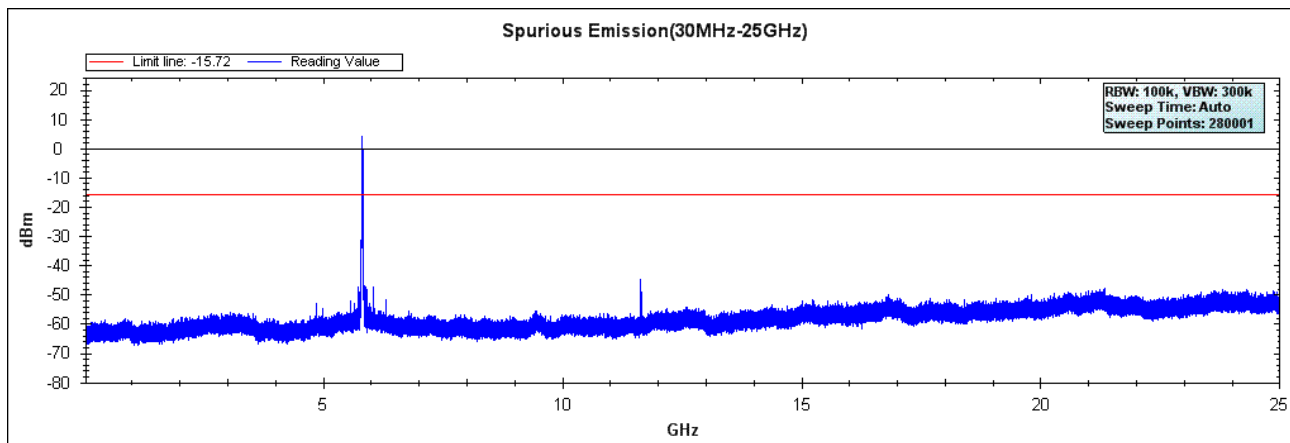
### Channel 149 (5745MHz)



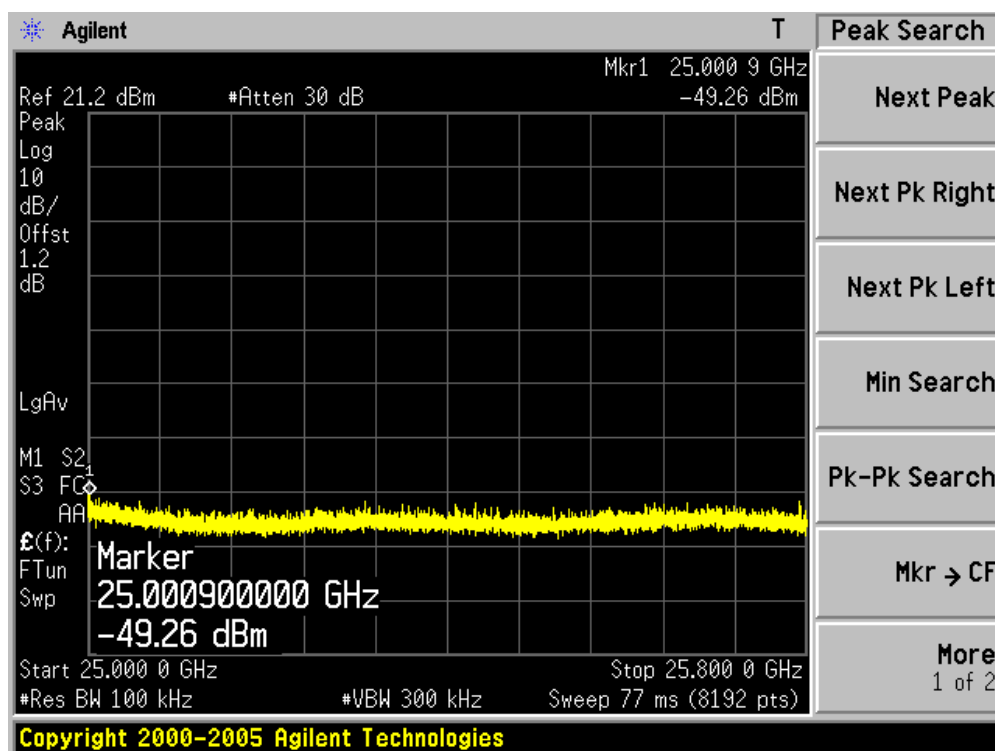
### Channel 157 (5785MHz)



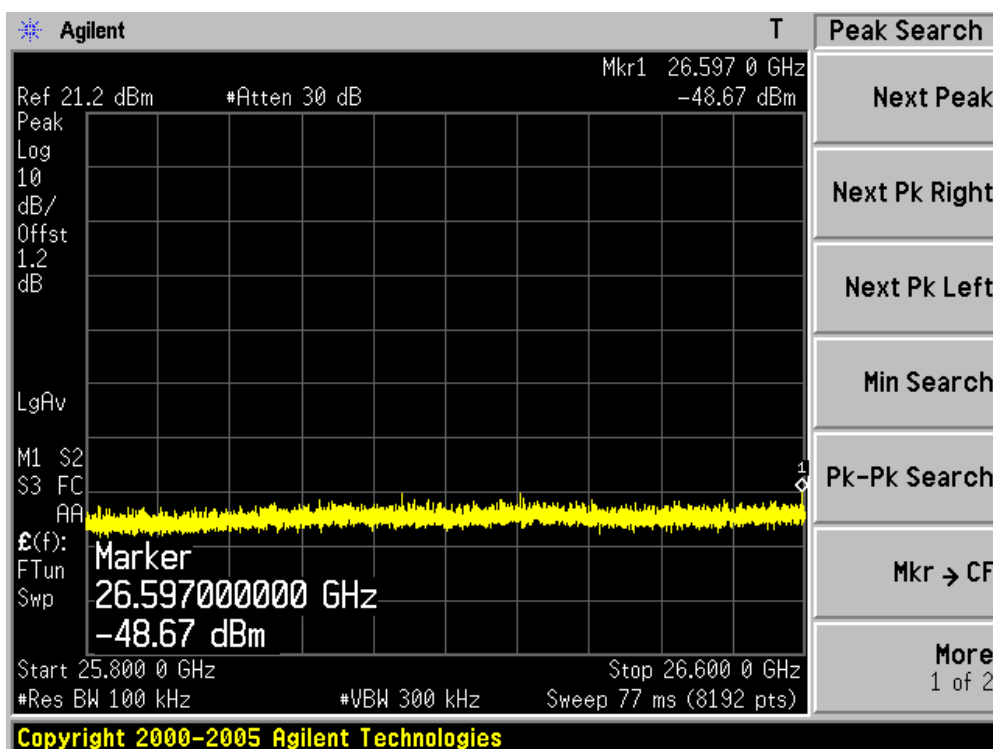
### Channel 165 (5825MHz)



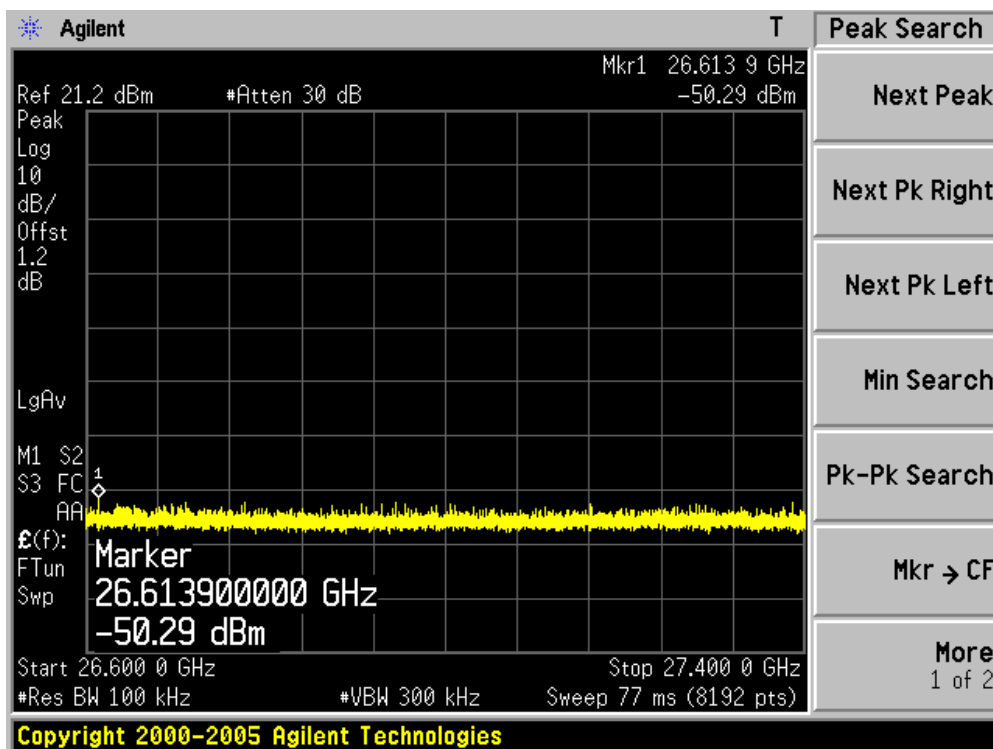
### Channel 149 (5745MHz)-1



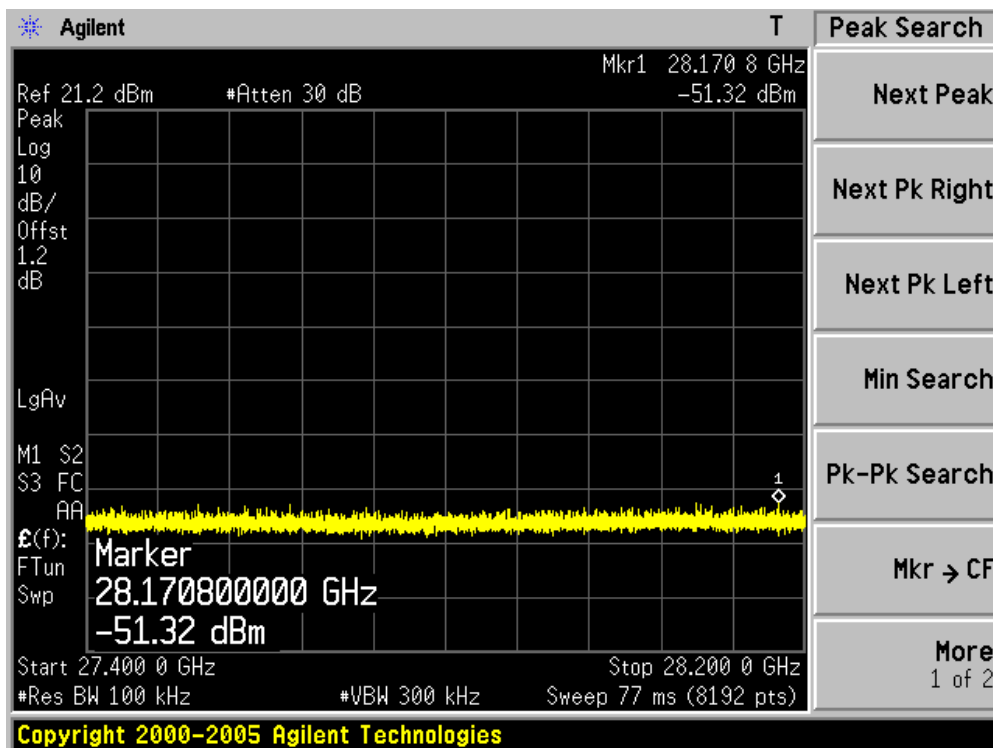
### Channel 149 (5745MHz)-2



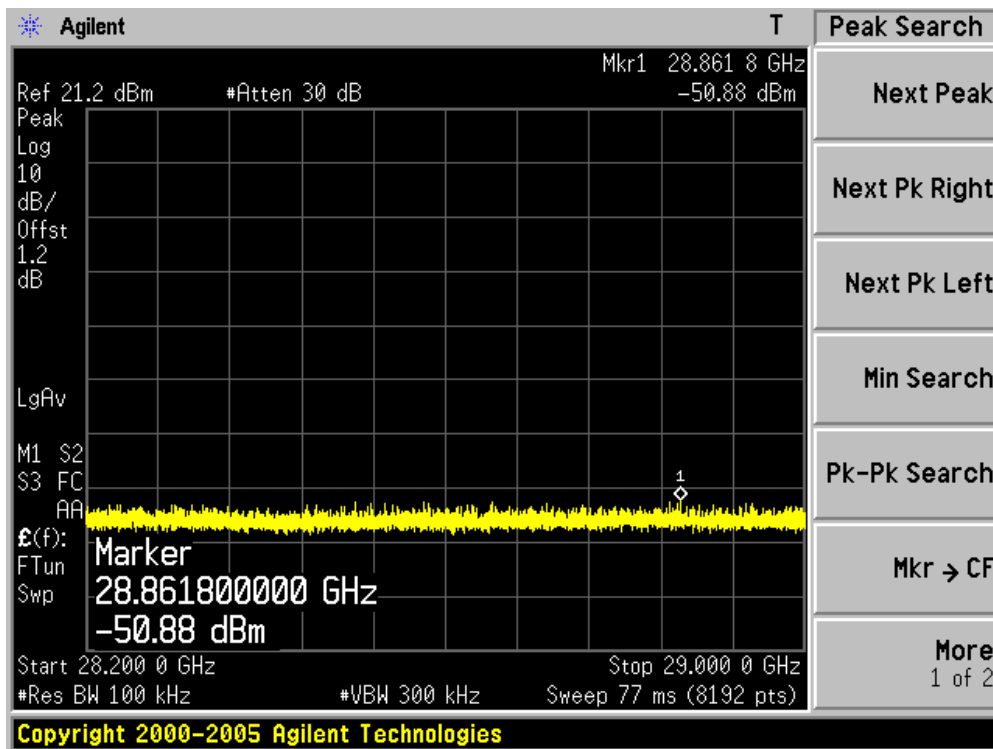
### Channel 149 (5745MHz)-3



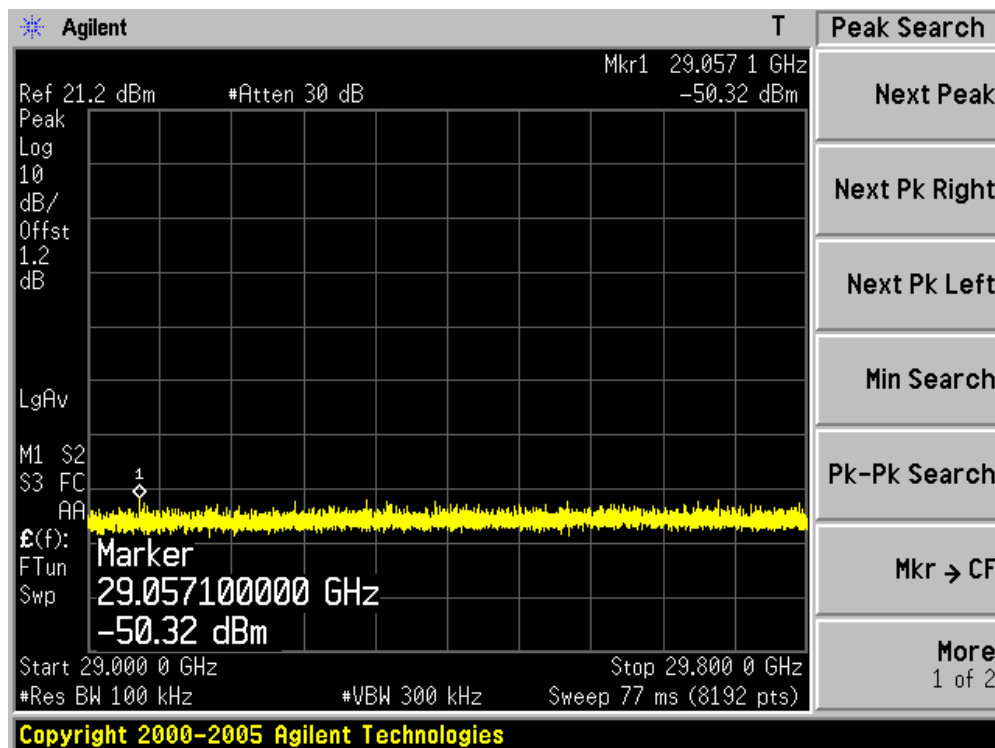
Channel 149 (5745MHz)-4



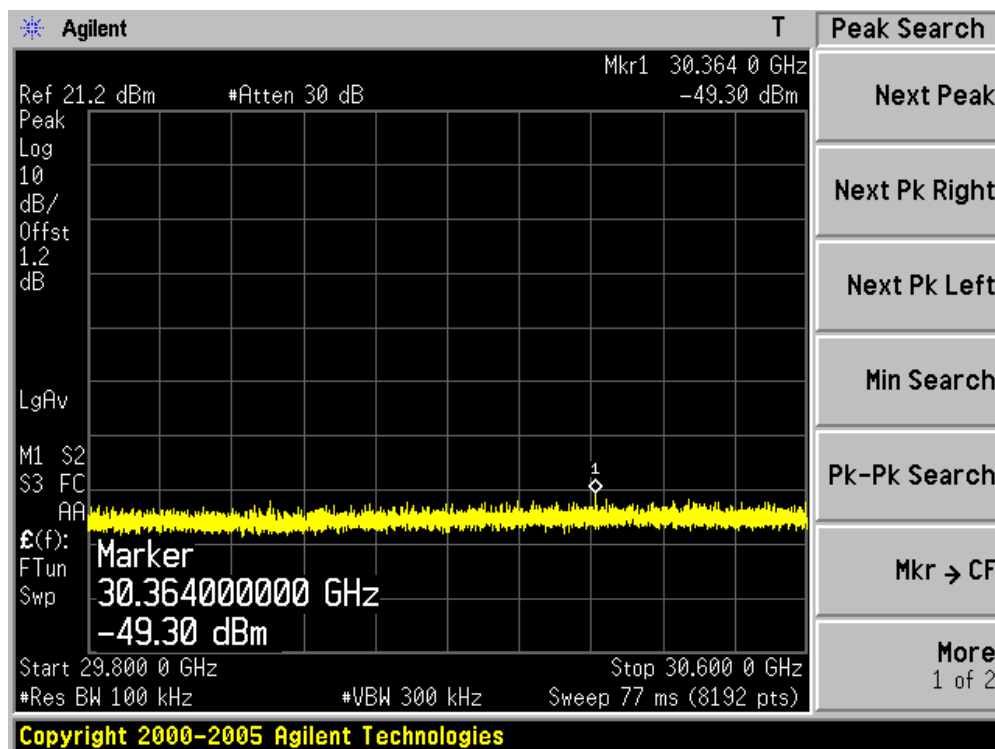
Channel 149 (5745MHz)-5



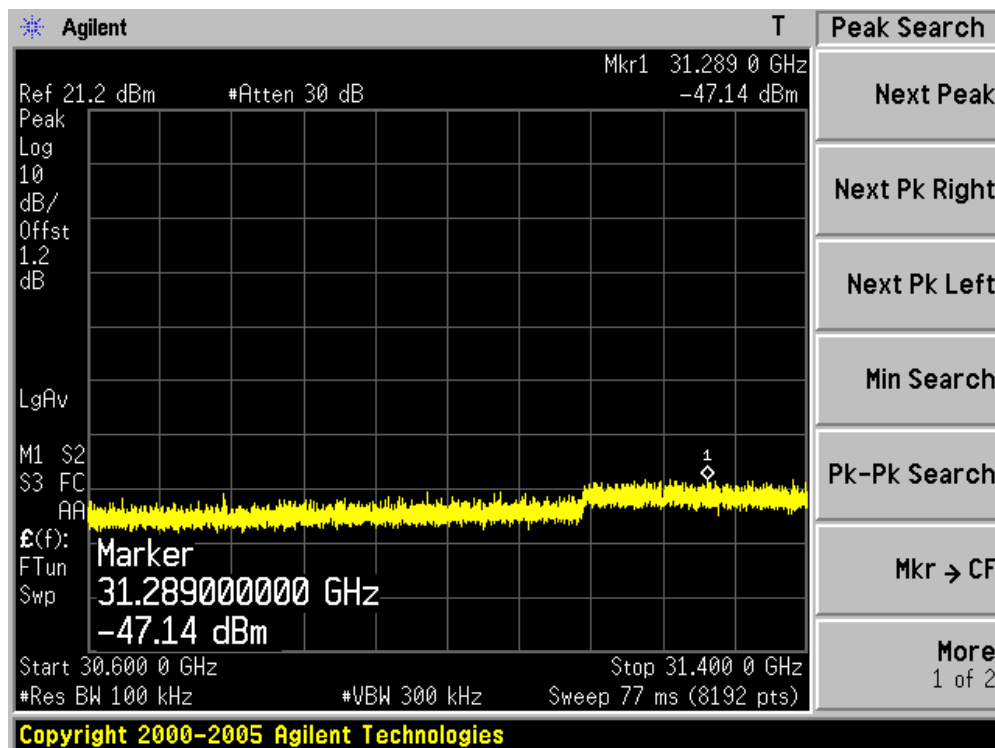
### Channel 149 (5745MHz)-6



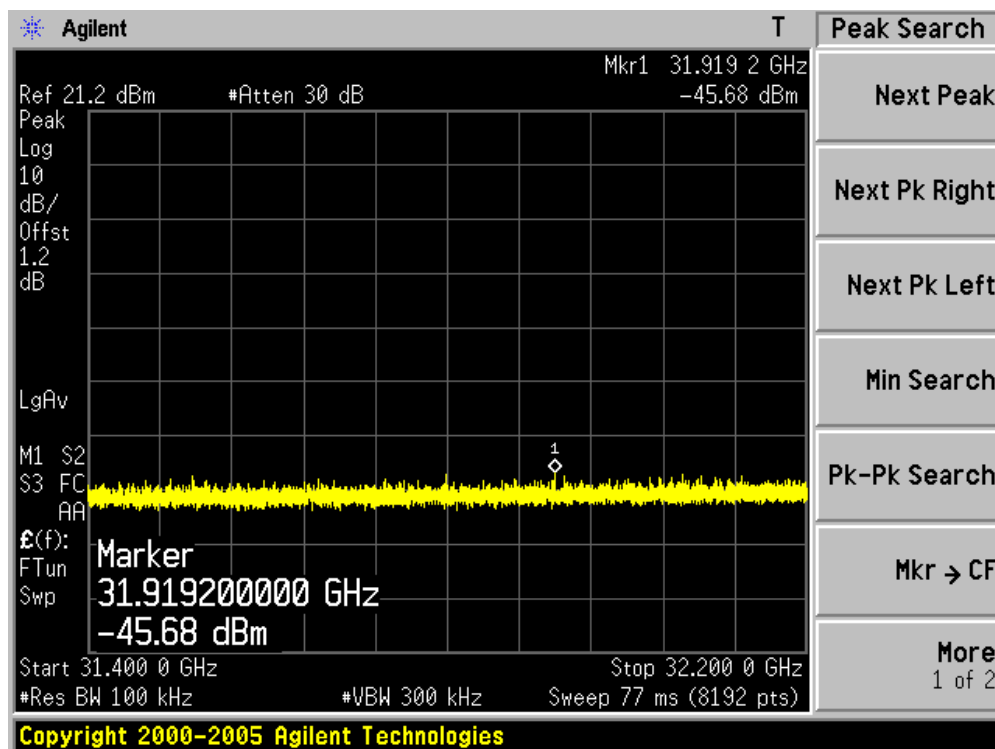
### Channel 149 (5745MHz)-7



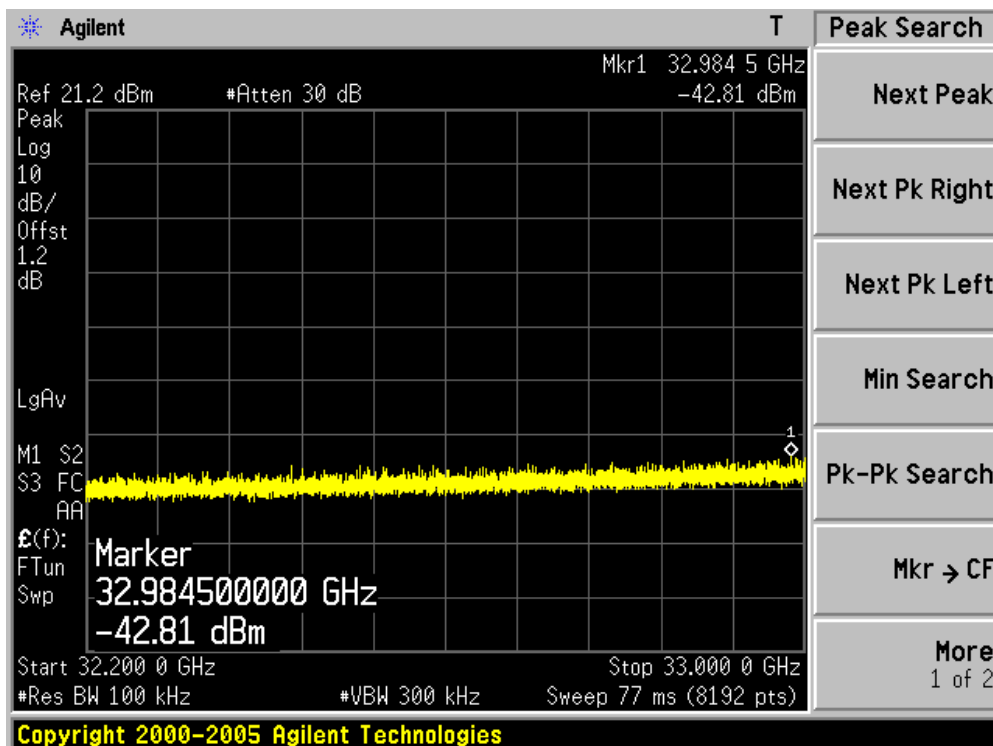
Channel 149 (5745MHz)-8



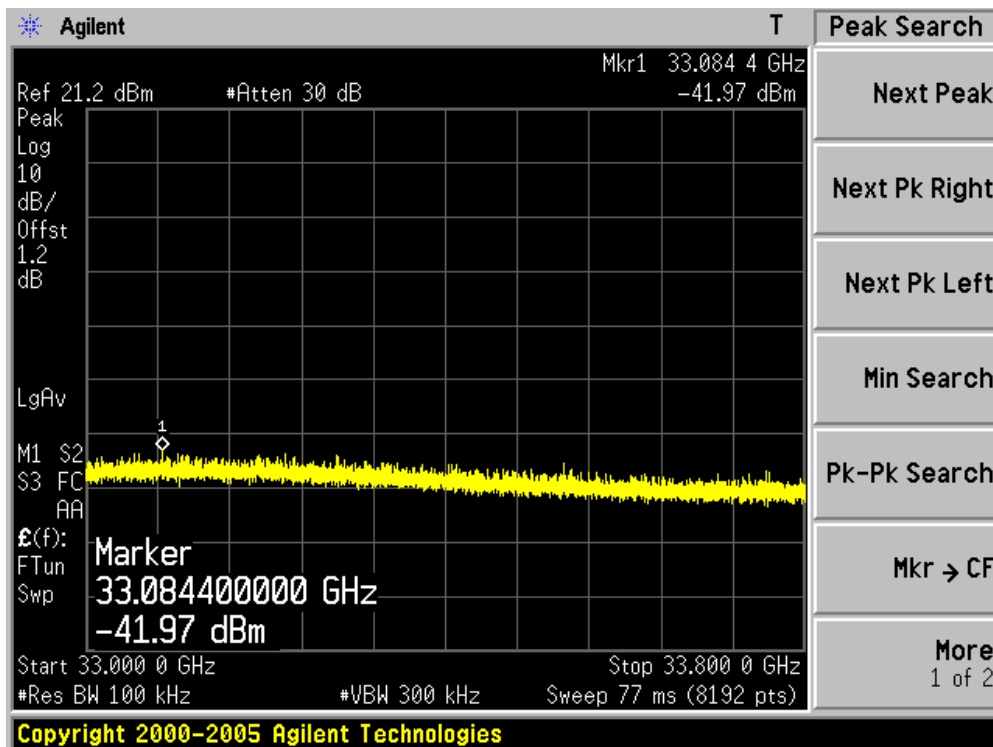
Channel 149 (5745MHz)-9



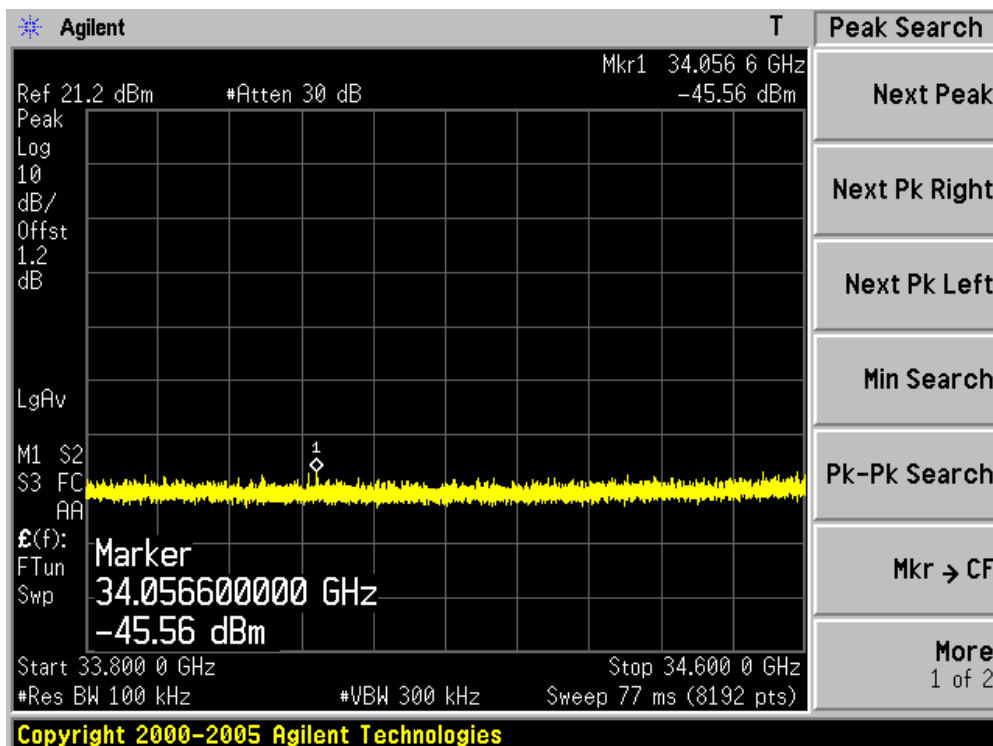
Channel 149 (5745MHz)-10



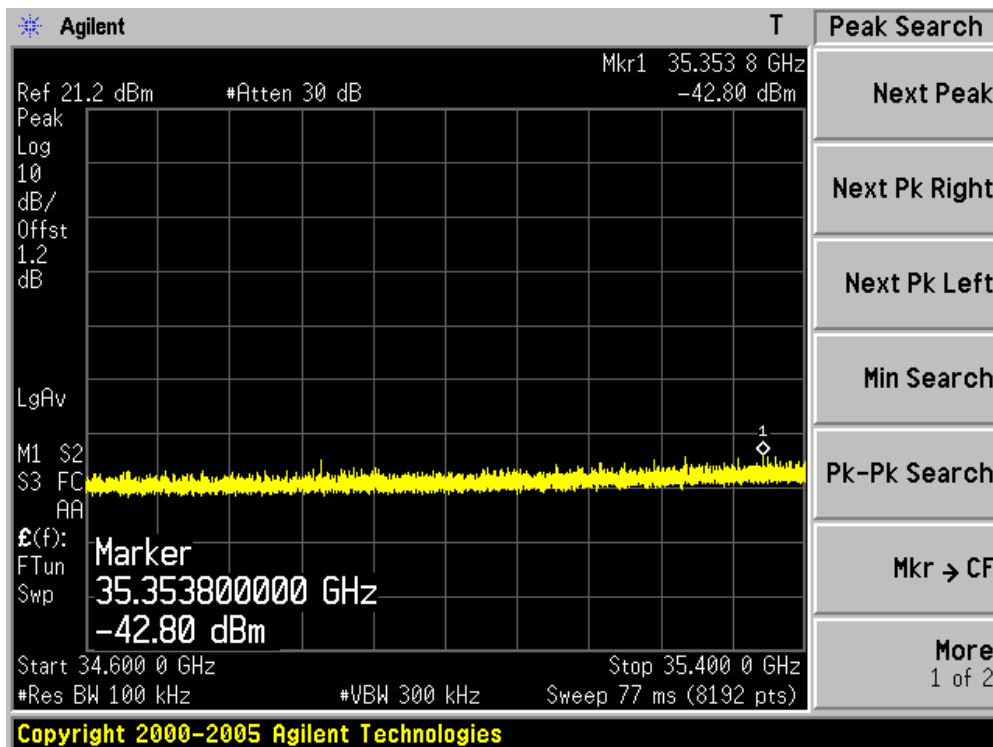
Channel 149 (5745MHz)-11



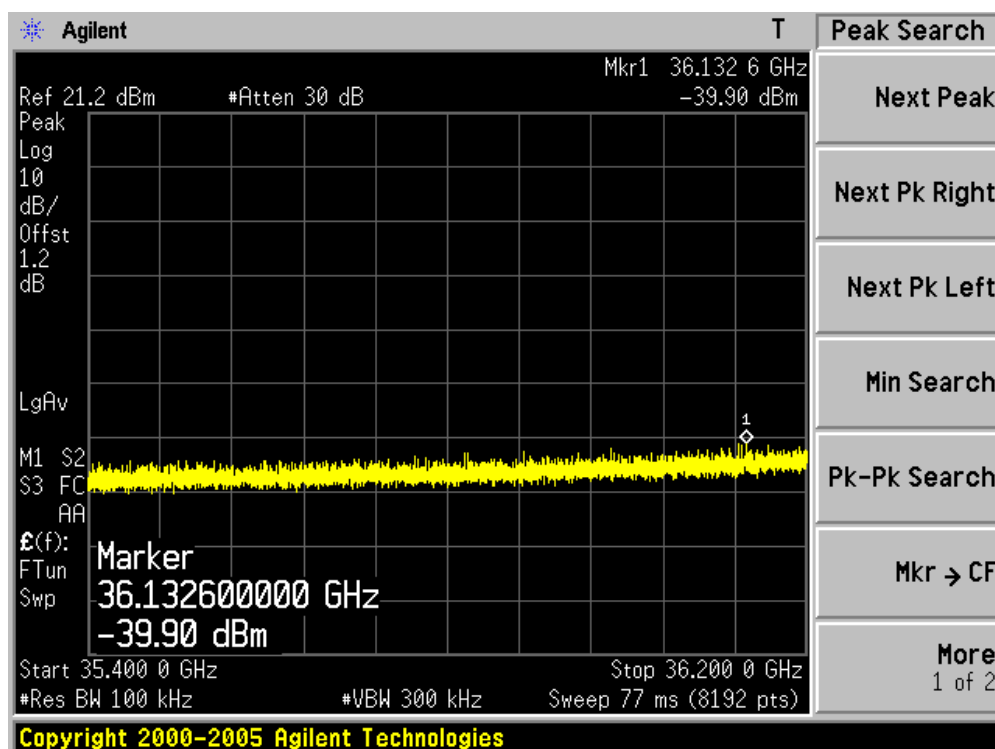
Channel 149 (5745MHz)-12



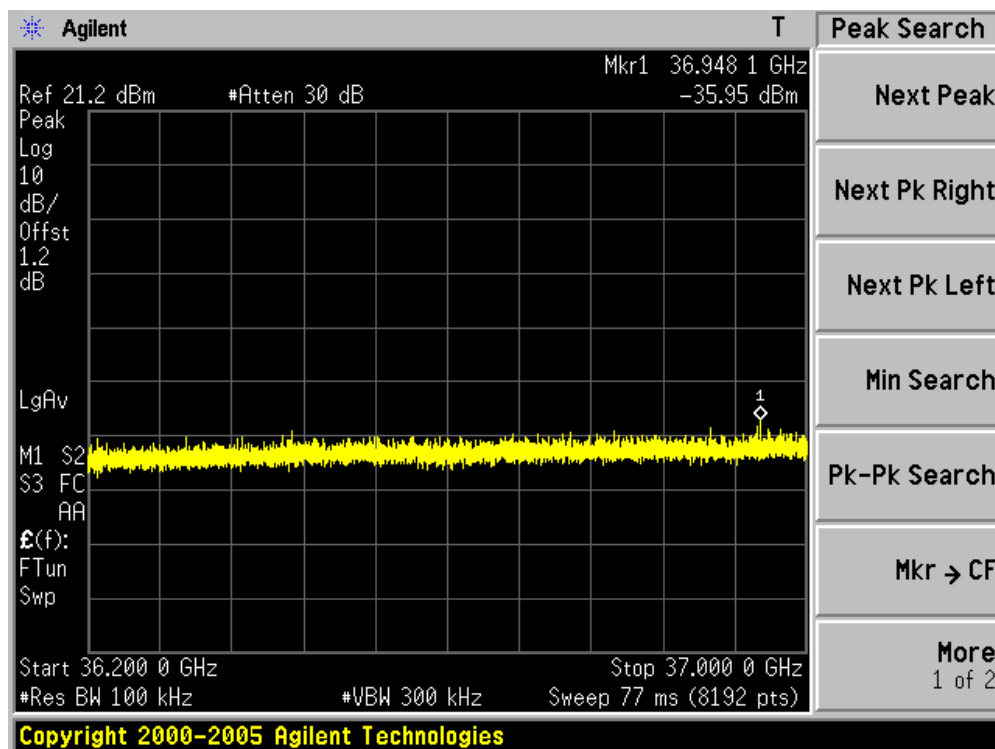
Channel 149 (5745MHz)-13



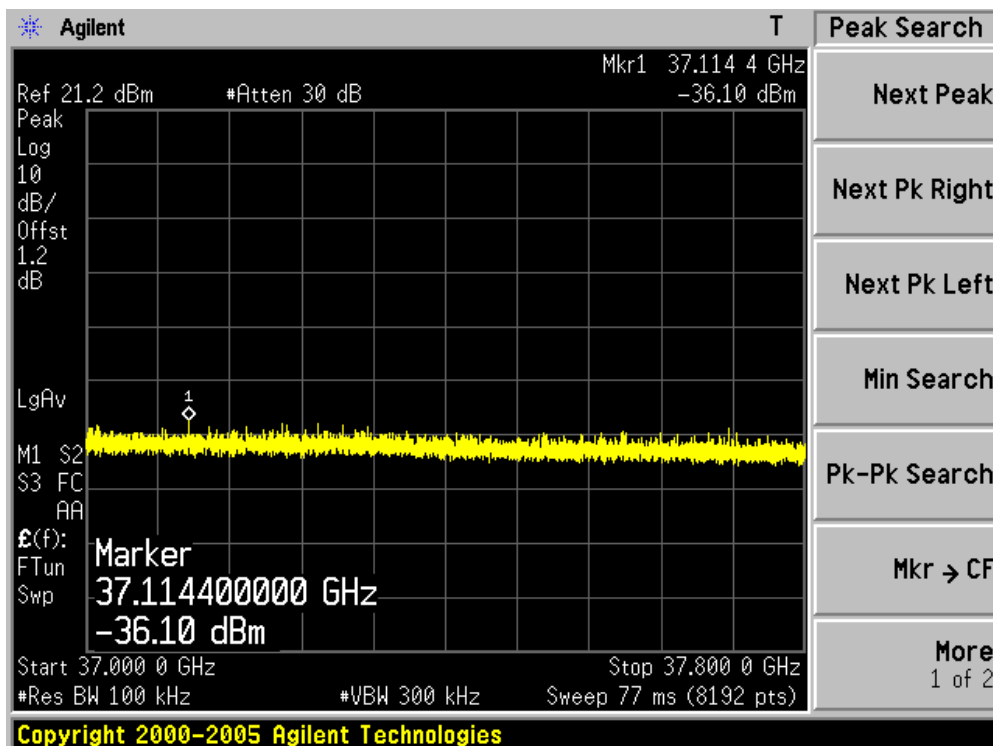
### Channel 149 (5745MHz)-14



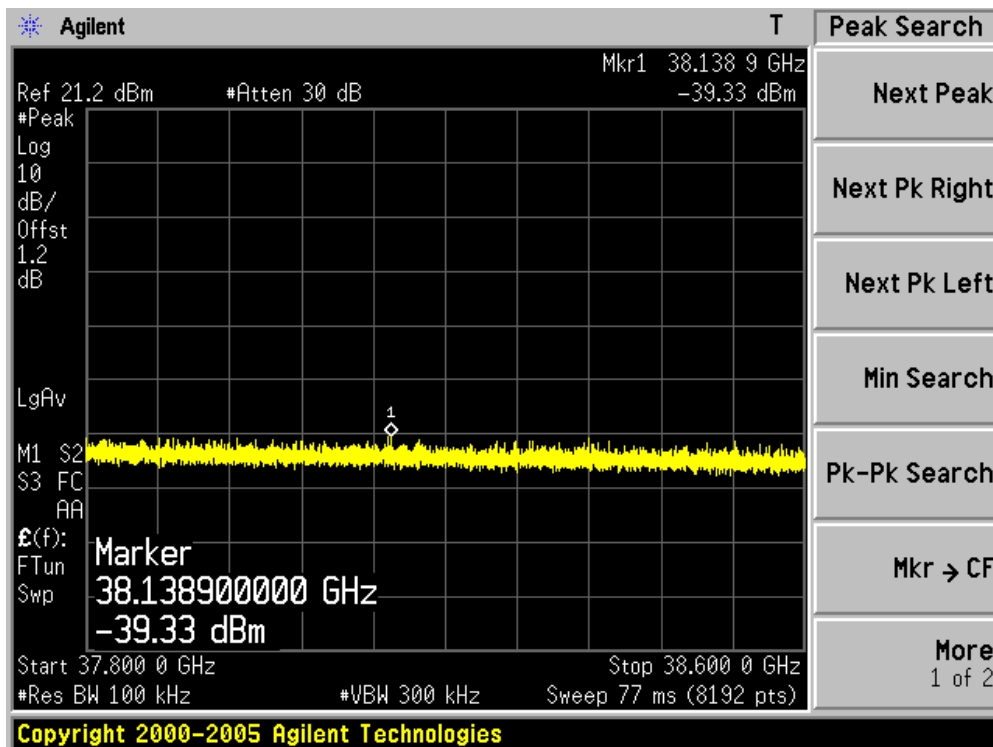
### Channel 149 (5745MHz)-15



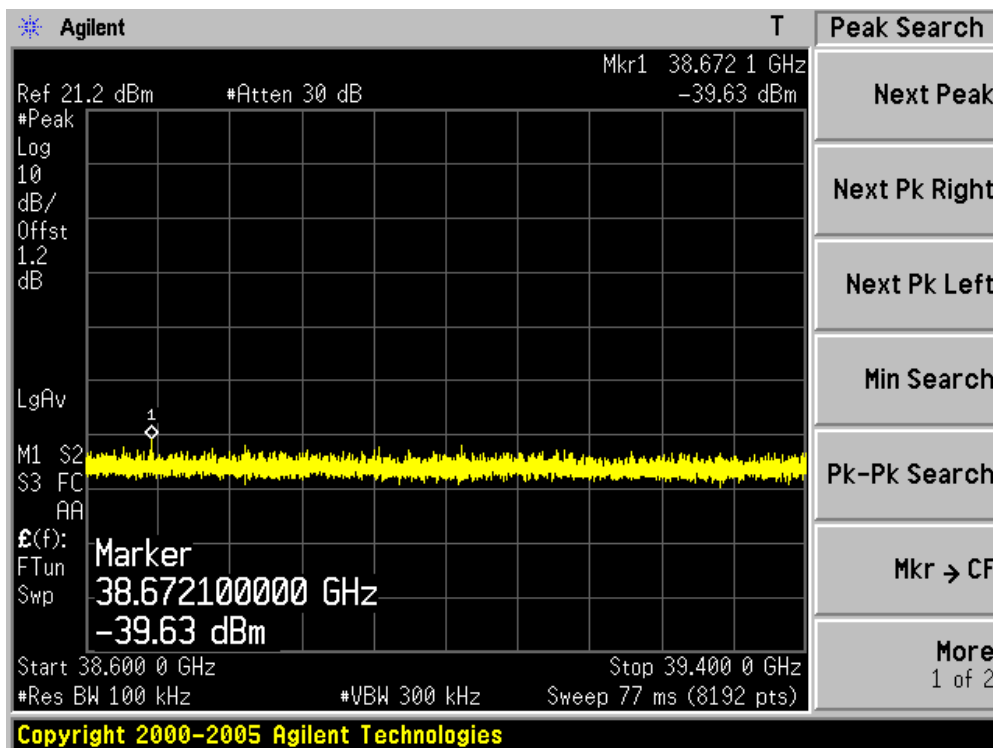
Channel 149 (5745MHz)-16



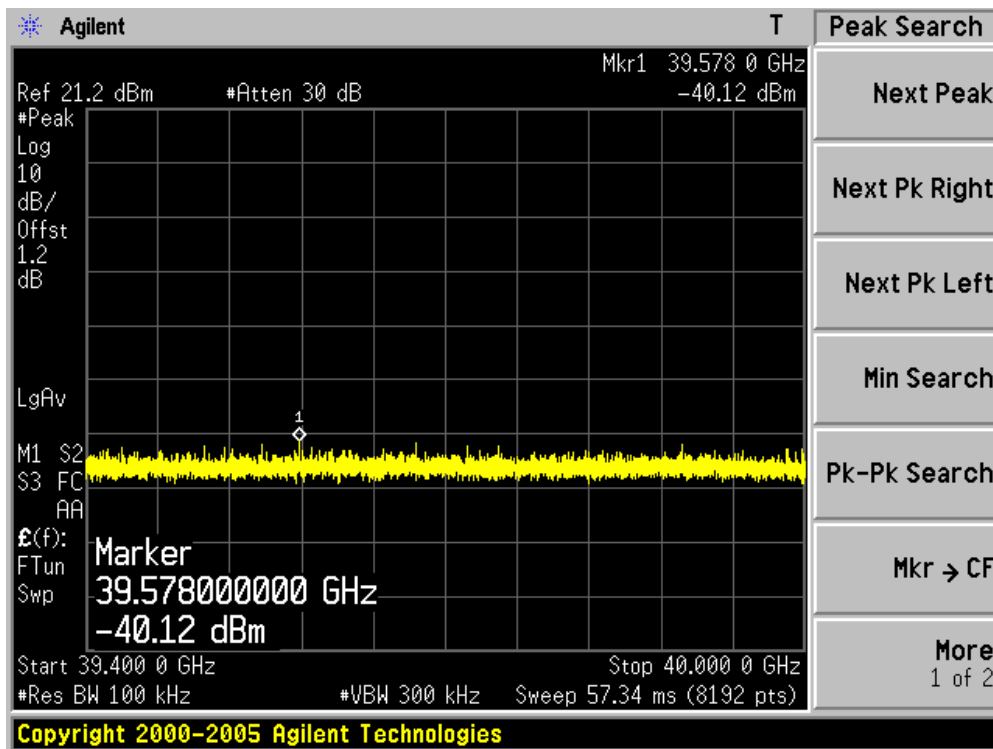
Channel 149 (5745MHz)-17



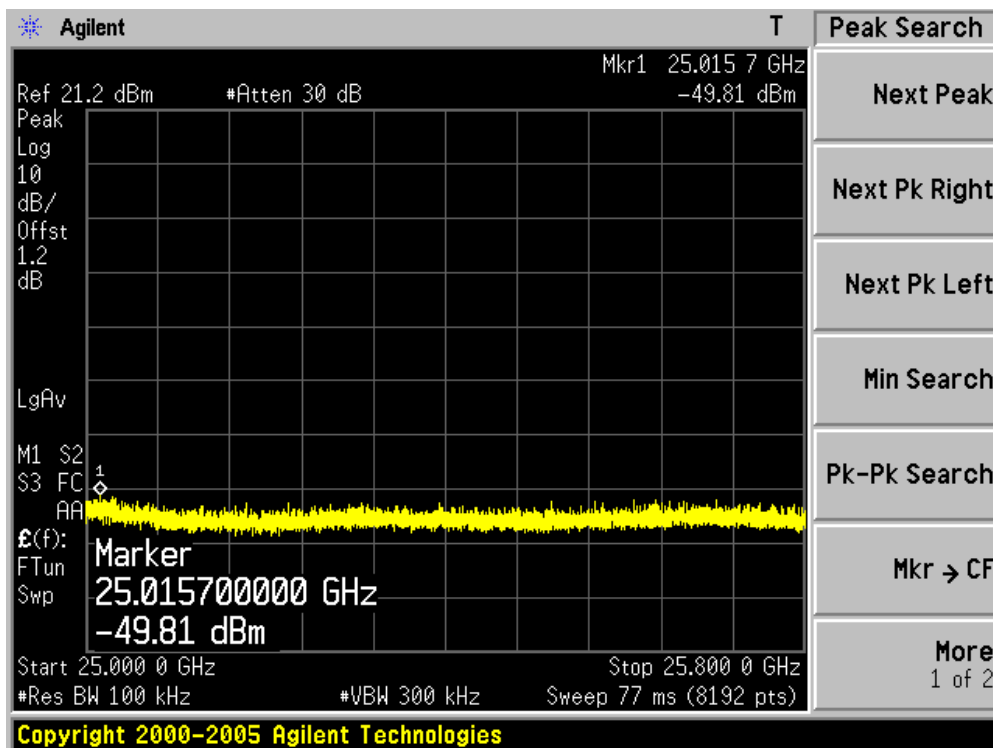
Channel 149 (5745MHz)-18



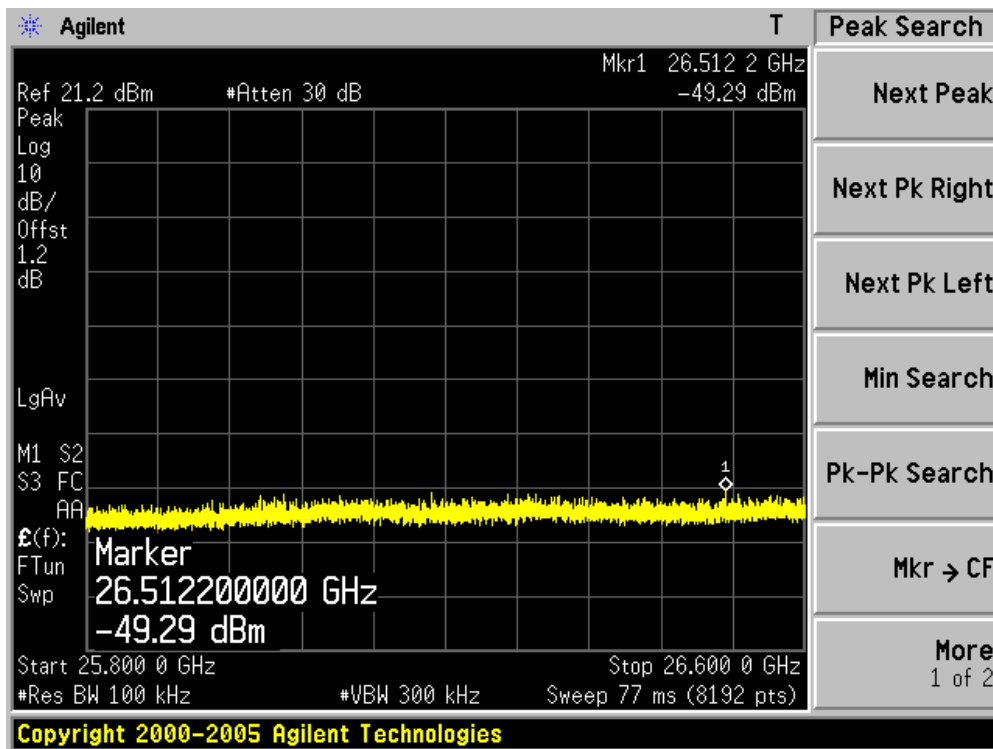
Channel 149 (5745MHz)-19



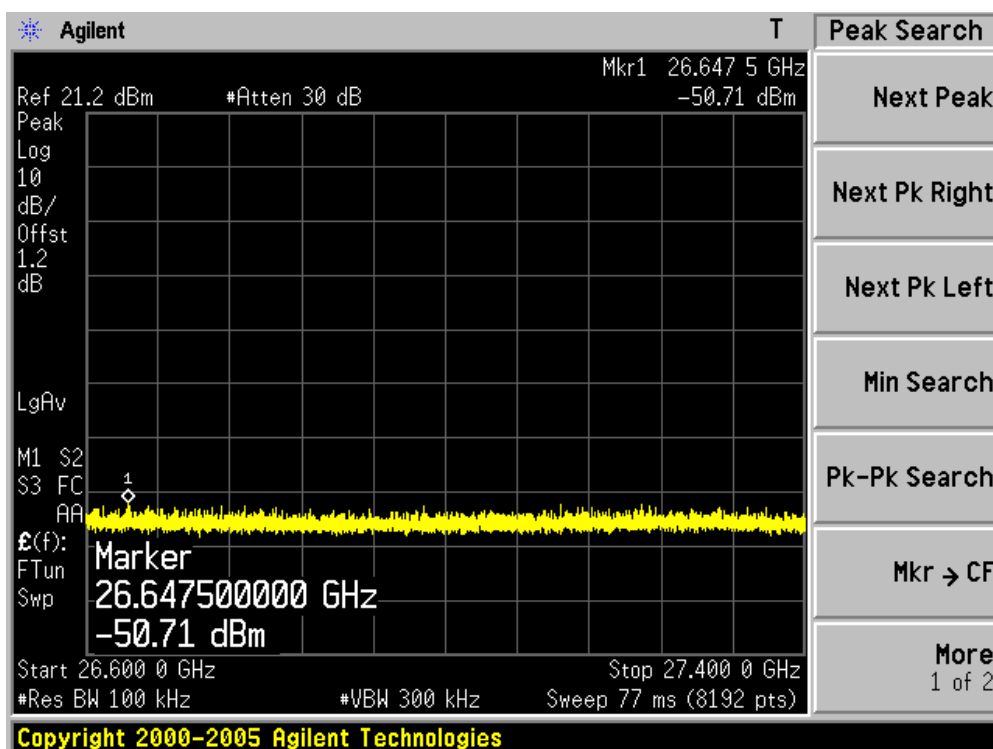
### Channel 157 (5785MHz)-1



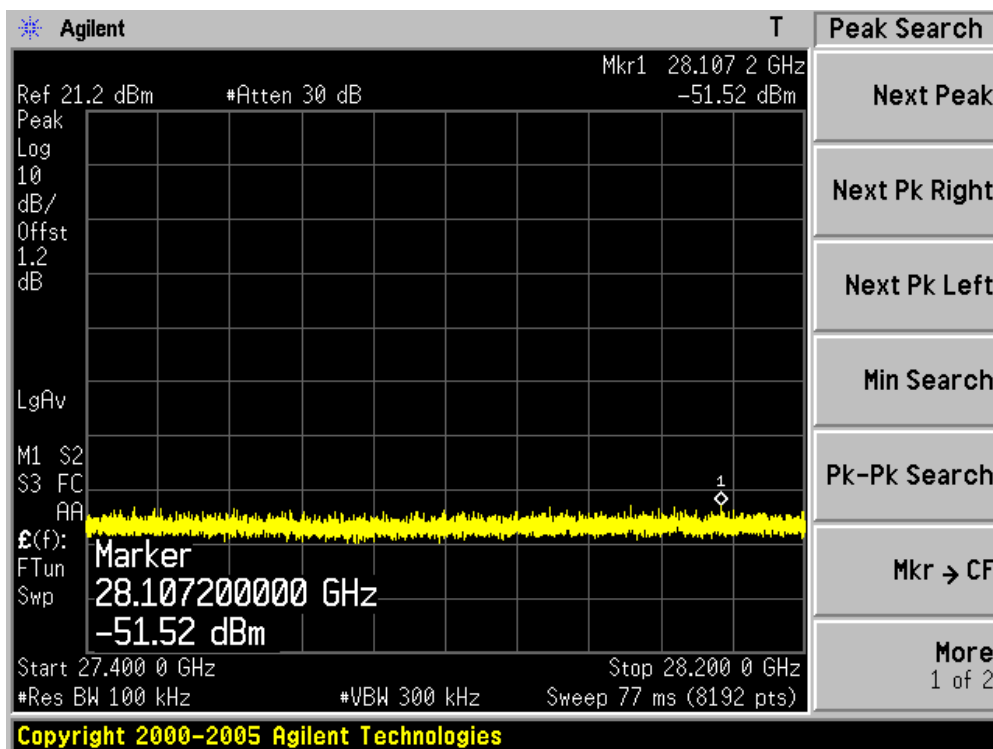
### Channel 157 (5785MHz)-2



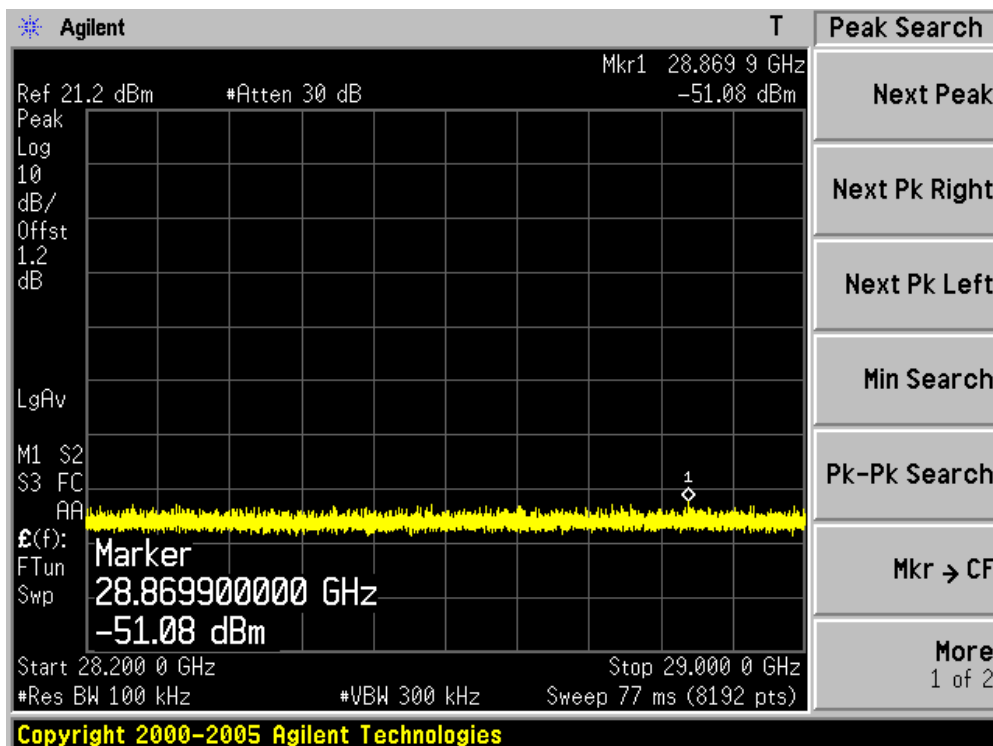
### Channel 157 (5785MHz)-3



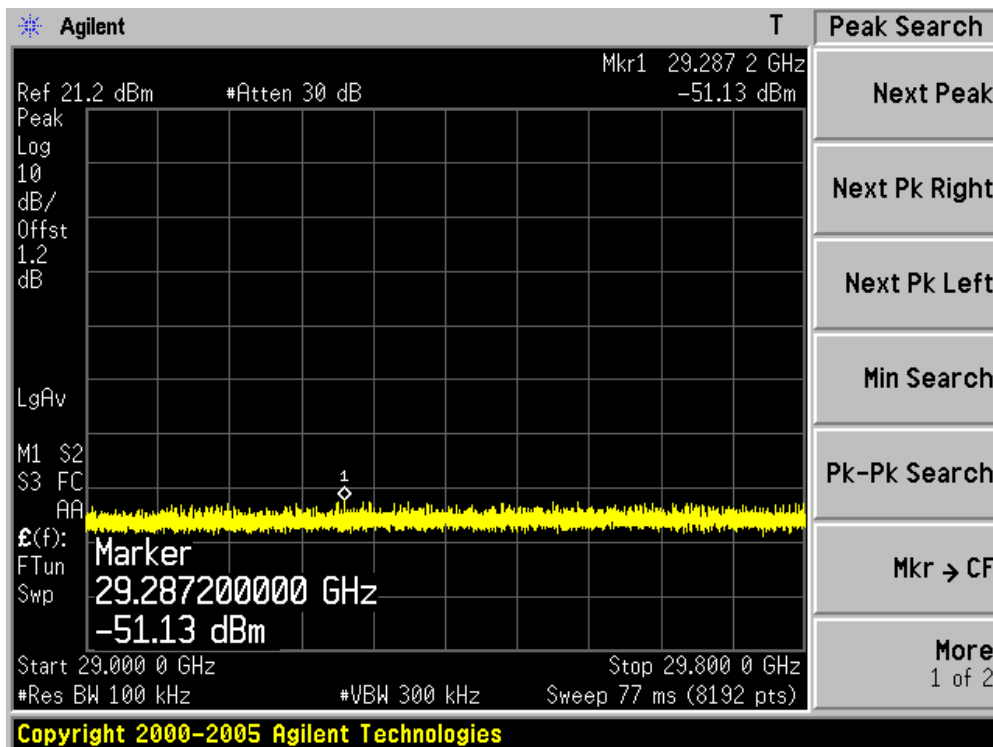
### Channel 157 (5785MHz)-4



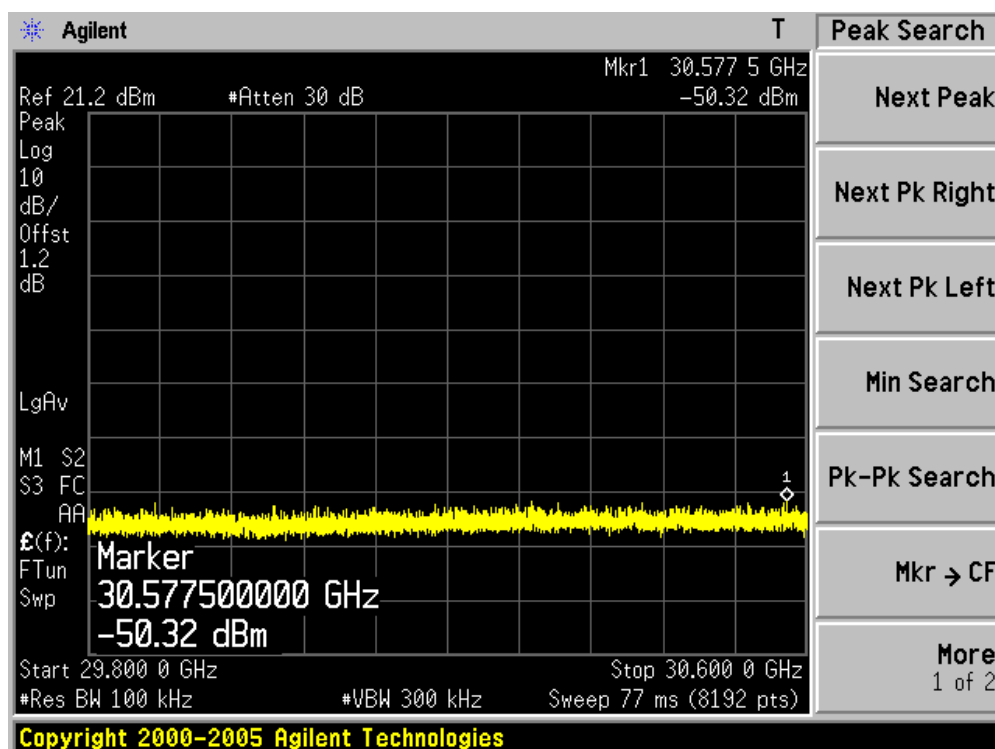
### Channel 157 (5785MHz)-5



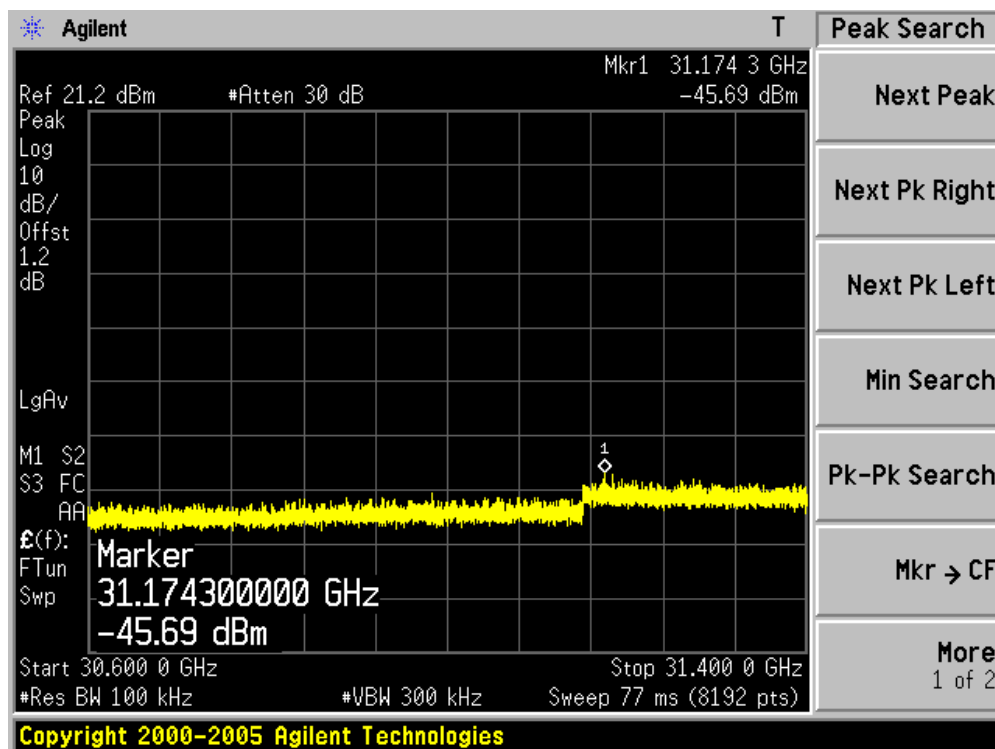
### Channel 157 (5785MHz)-6



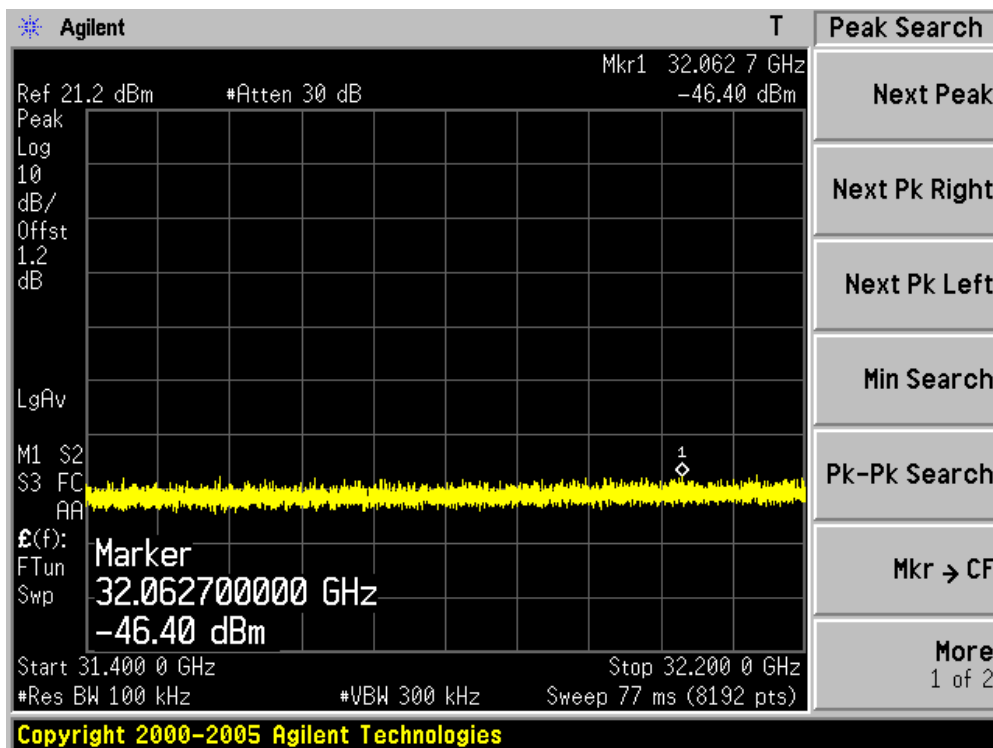
### Channel 157 (5785MHz)-7



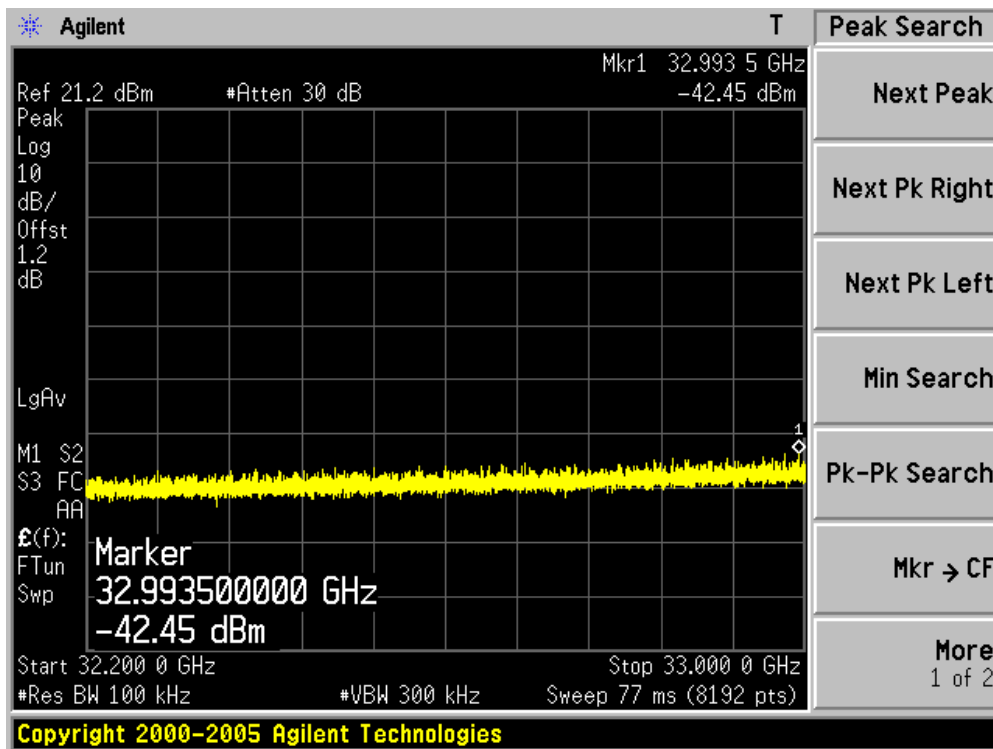
### Channel 157 (5785MHz)-8



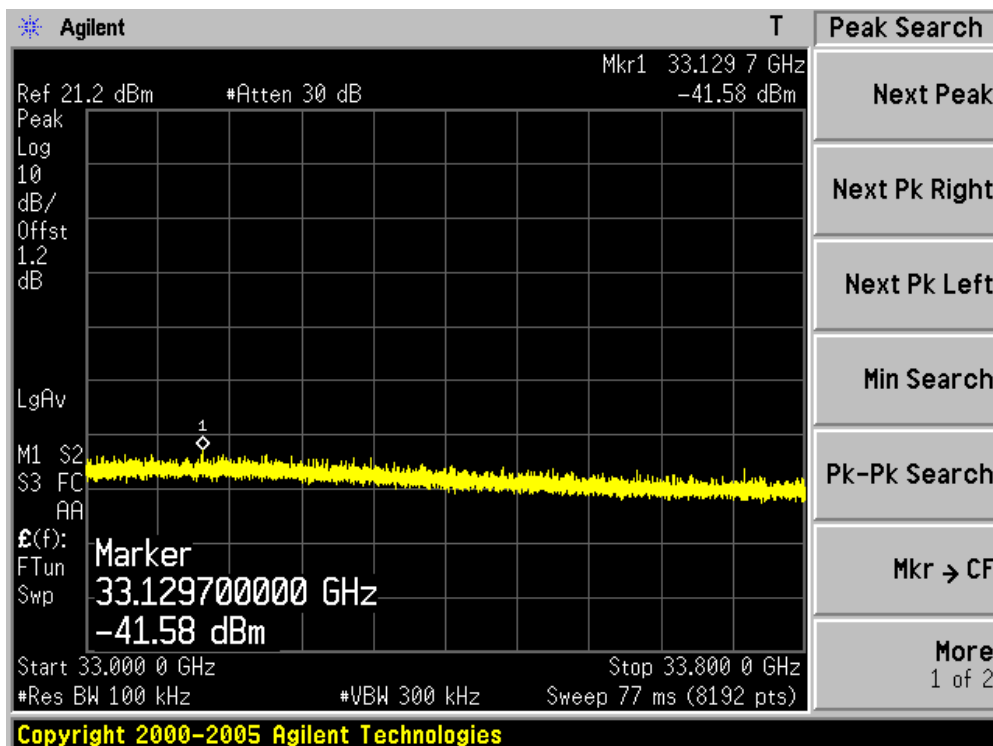
Channel 157 (5785MHz)-9



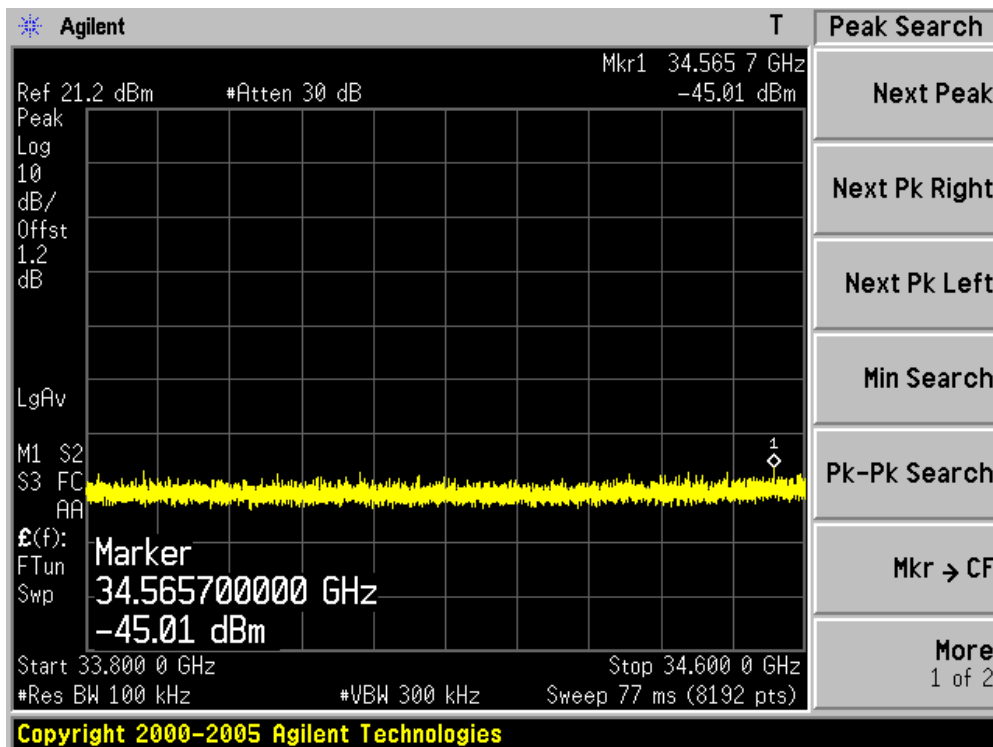
Channel 157 (5785MHz)-10



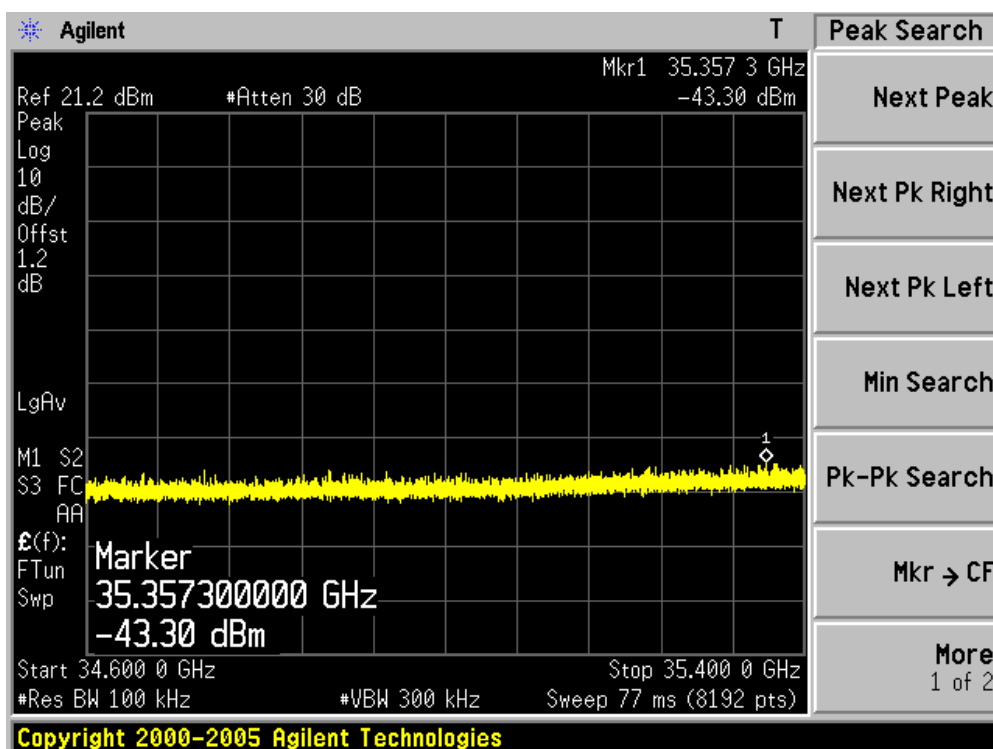
Channel 157 (5785MHz)-11



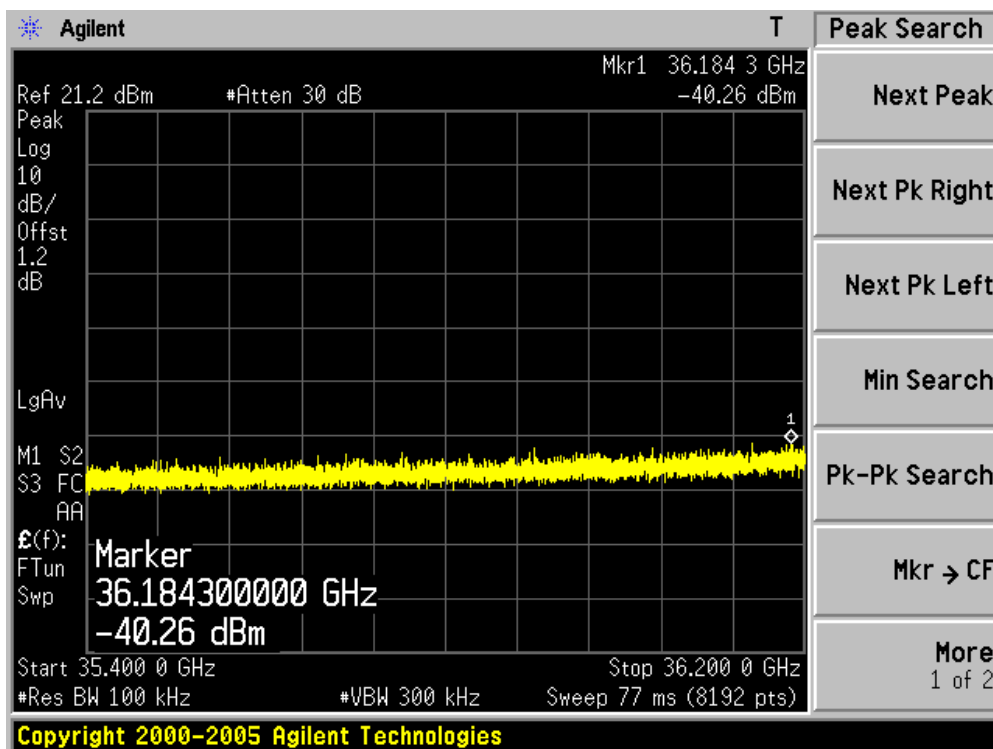
Channel 157 (5785MHz)-12



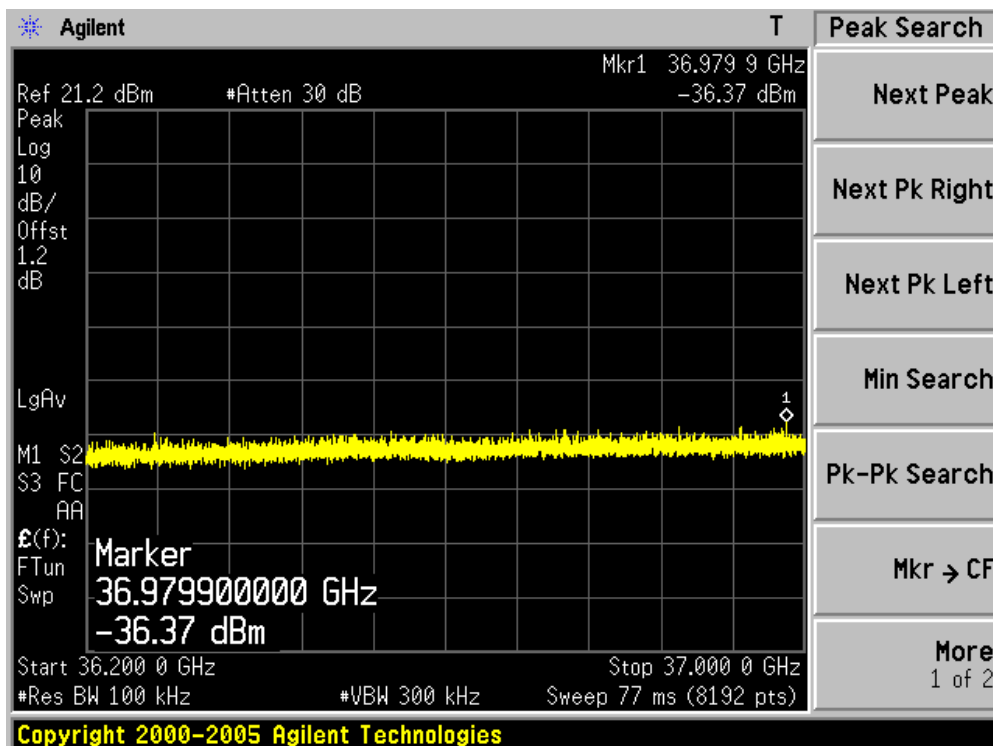
### Channel 157 (5785MHz)-13



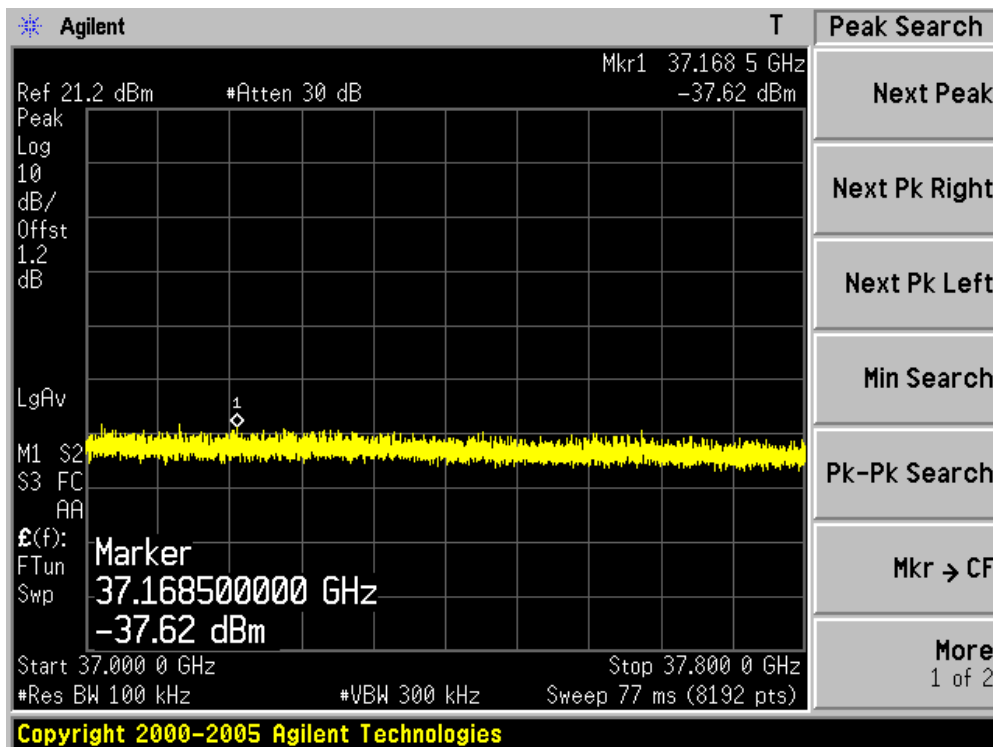
### Channel 157 (5785MHz)-14



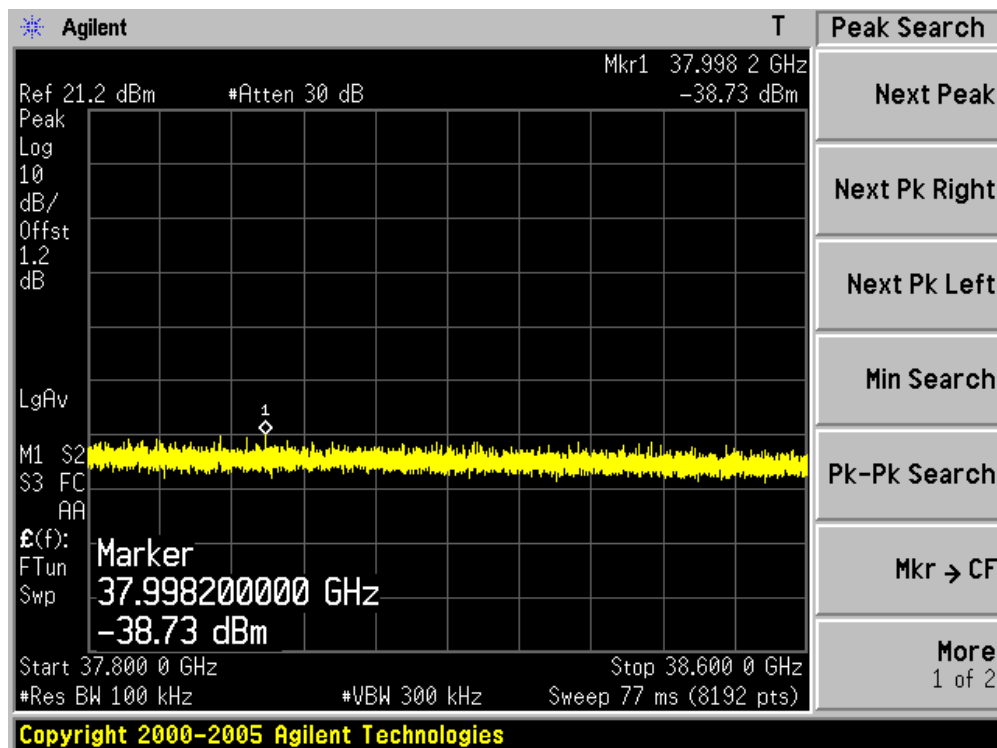
### Channel 157 (5785MHz)-15



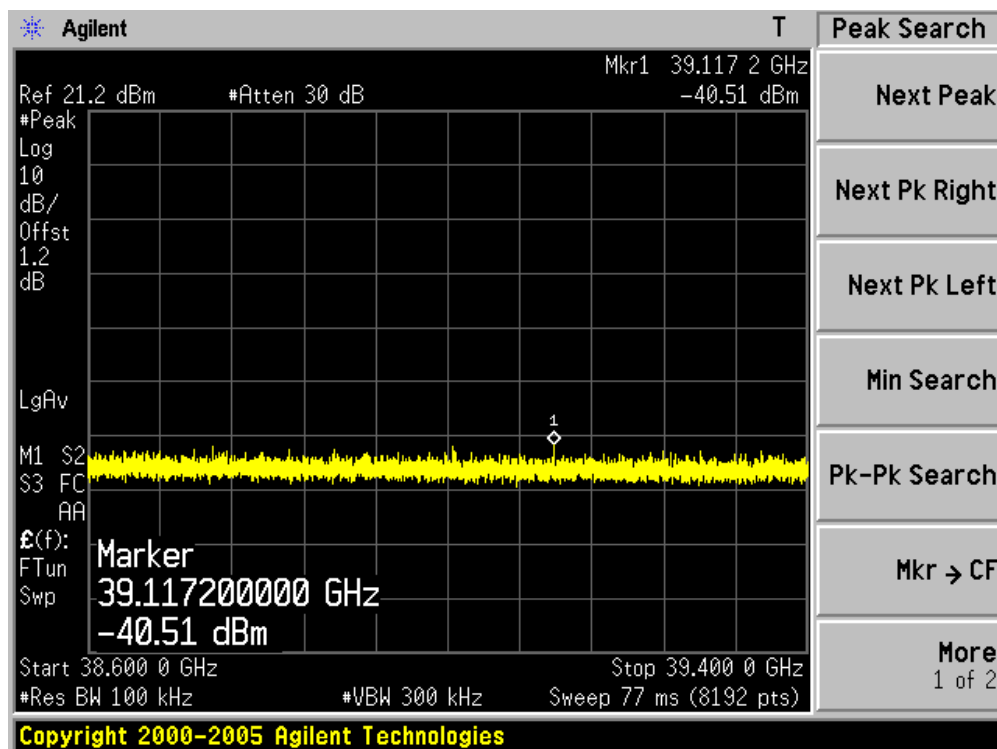
### Channel 157 (5785MHz)-16



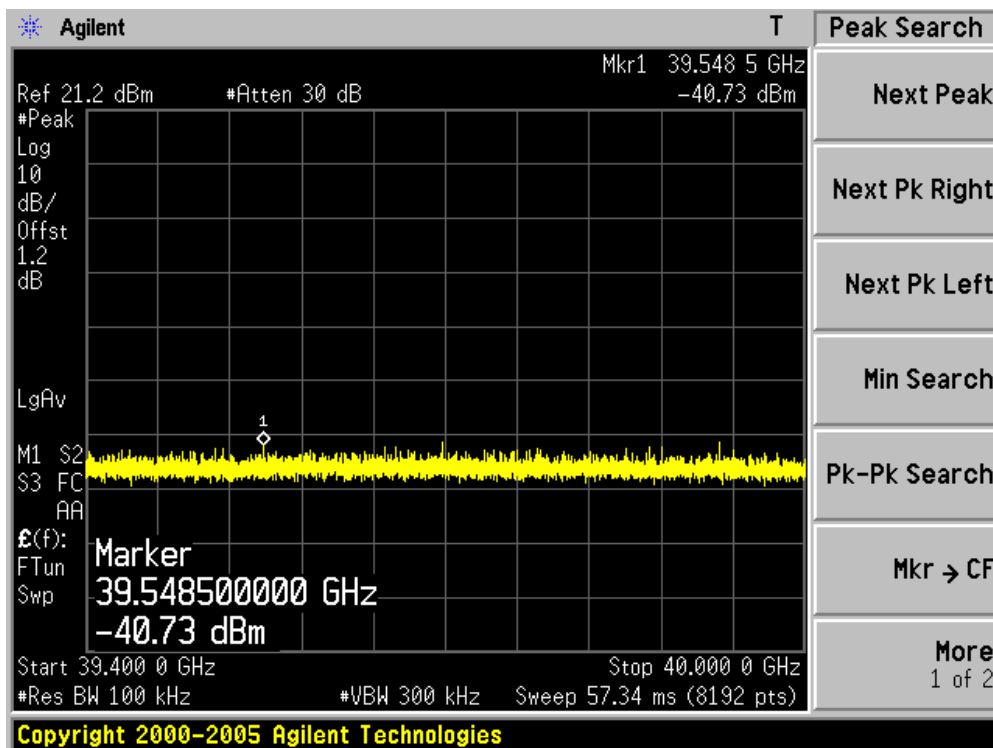
Channel 157 (5785MHz)-17



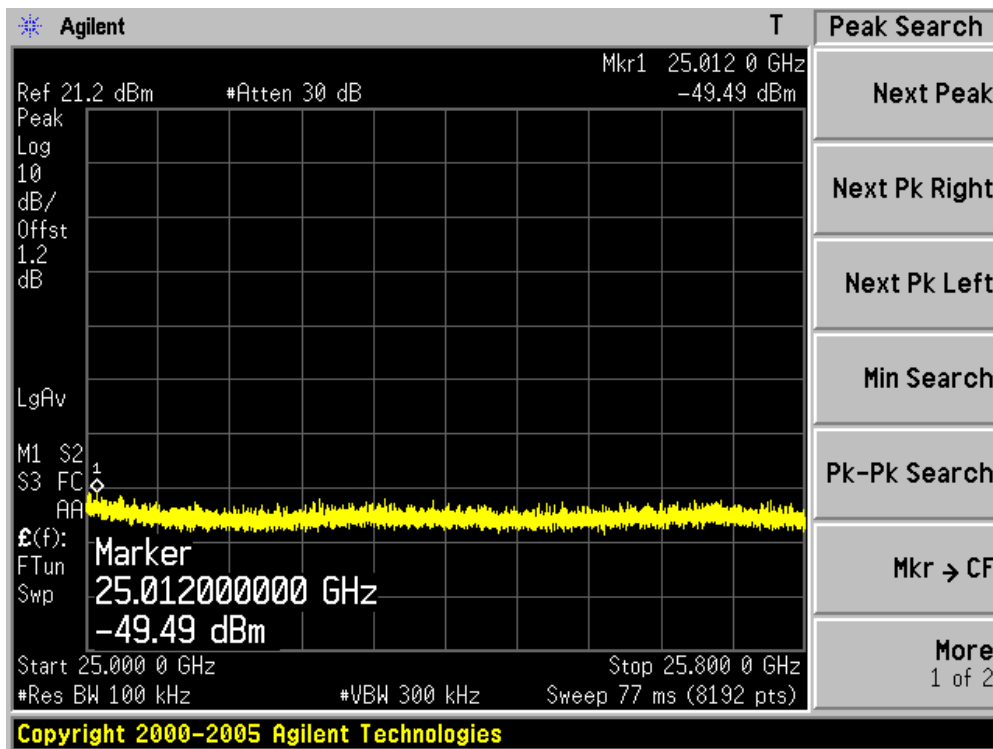
Channel 157 (5785MHz)-18



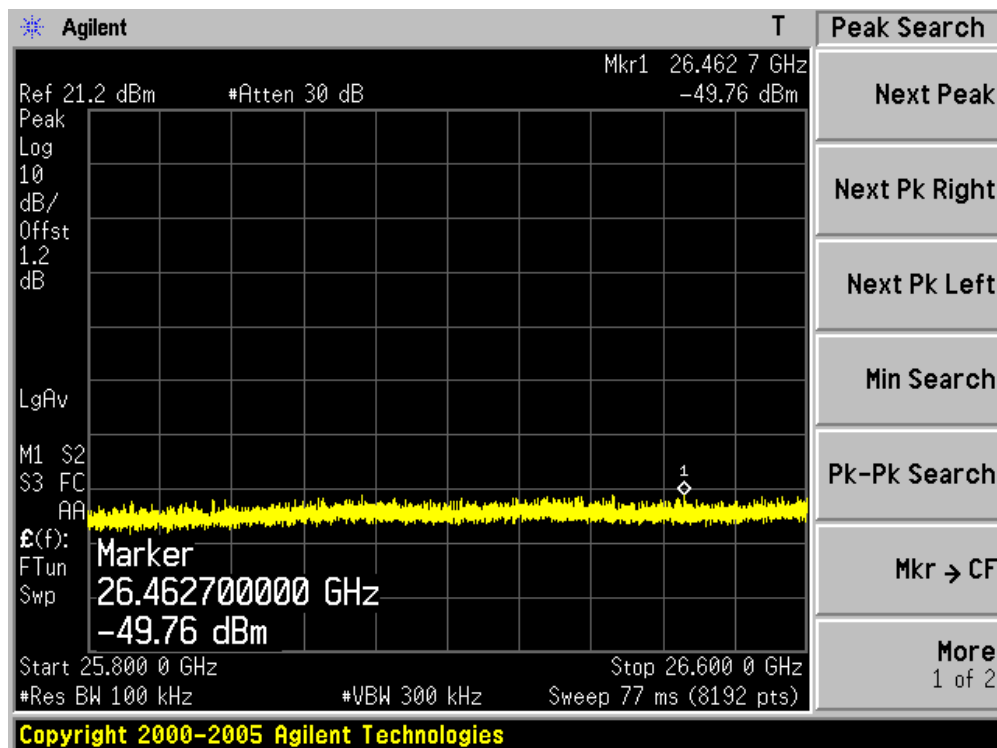
### Channel 157 (5785MHz)-19



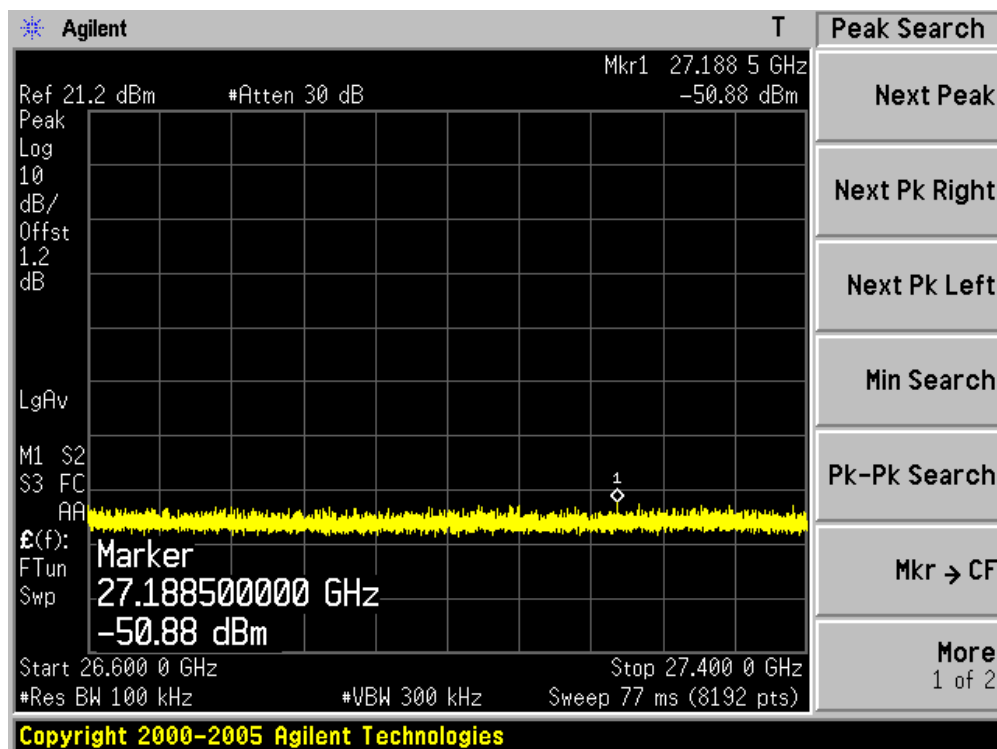
### Channel 165 (5825MHz)-1



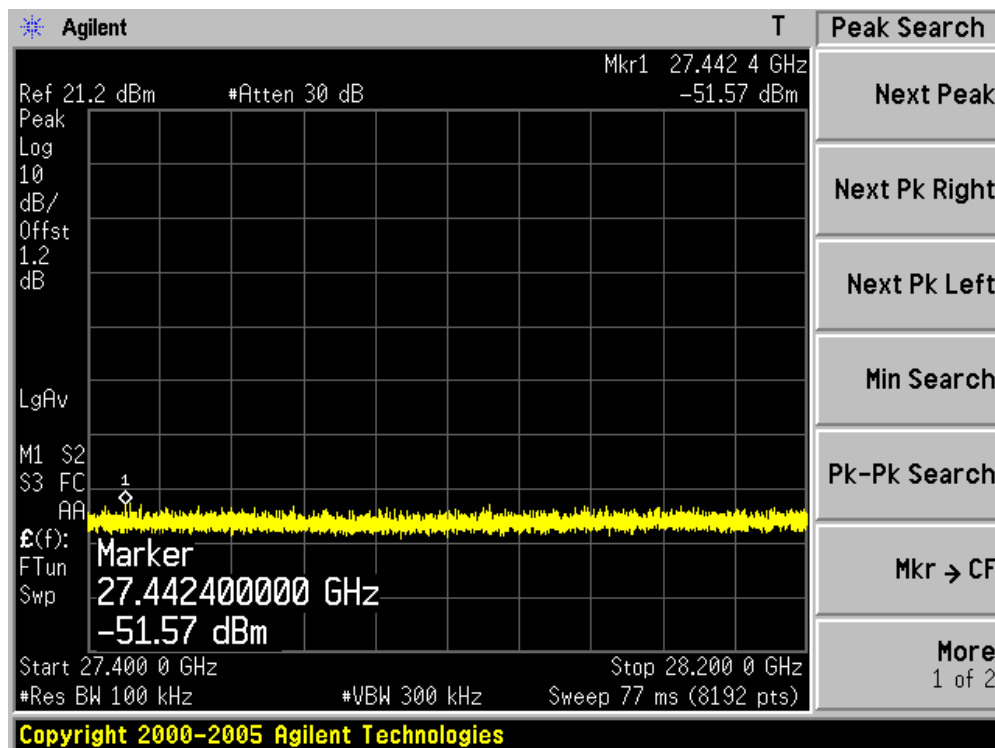
### Channel 165 (5825MHz)-2



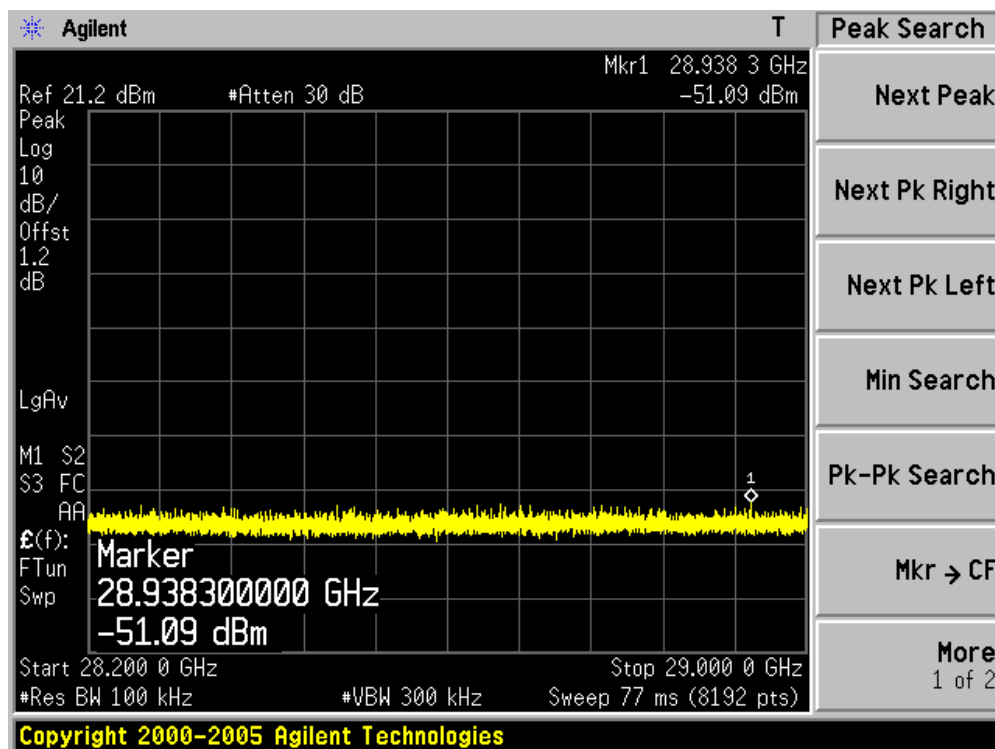
### Channel 165 (5825MHz)-3



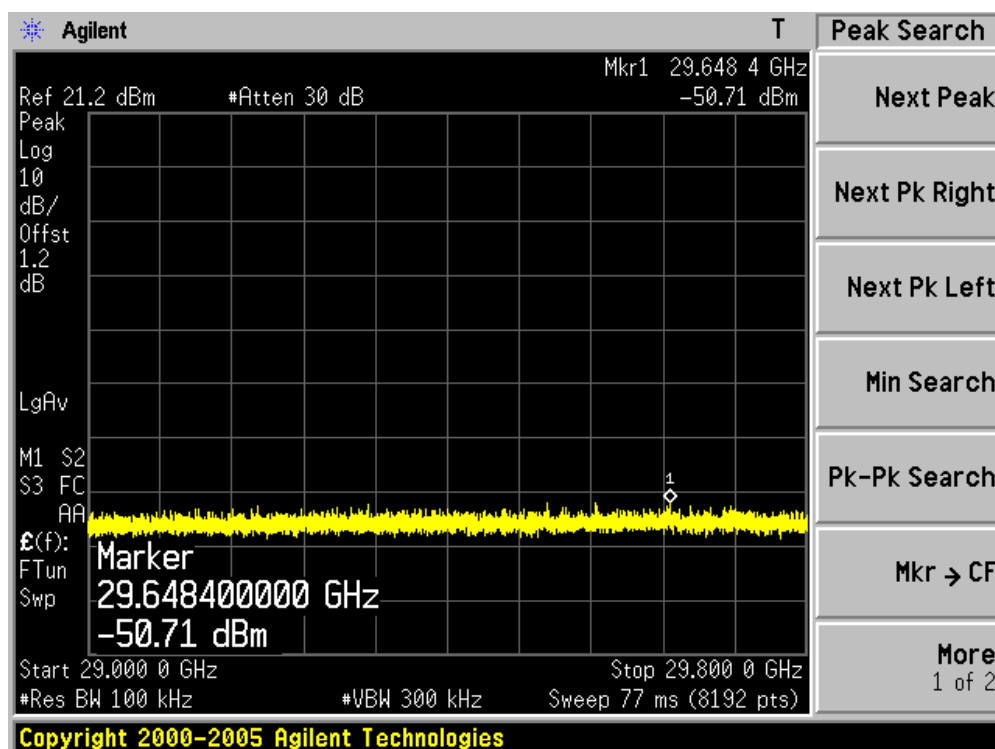
Channel 165 (5825MHz)-4



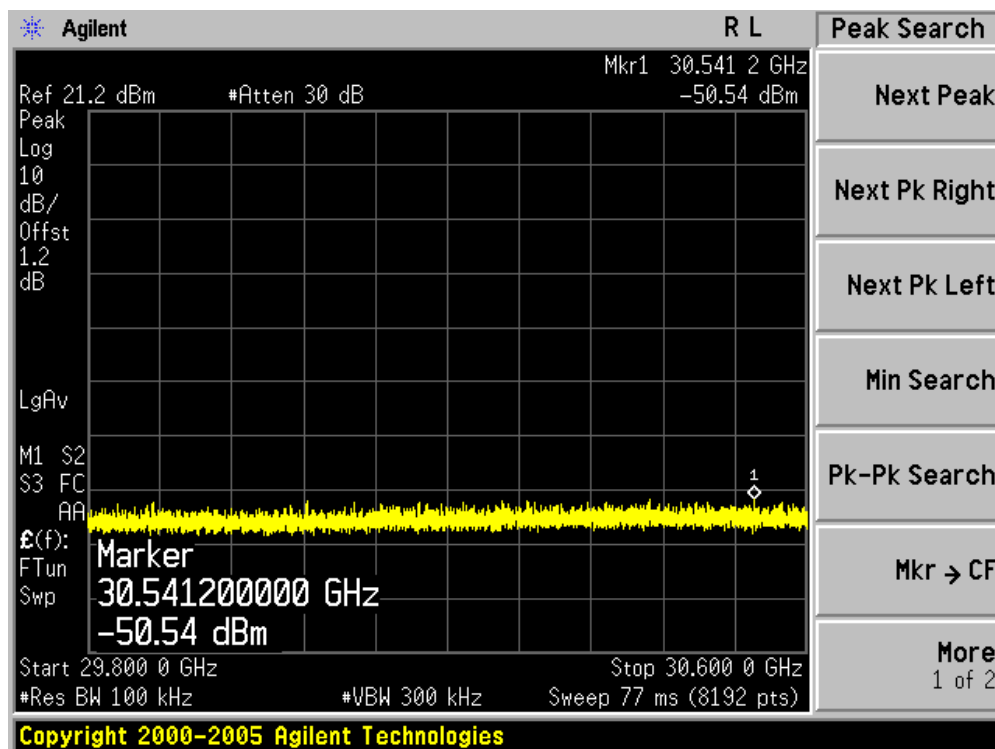
Channel 165 (5825MHz)-5



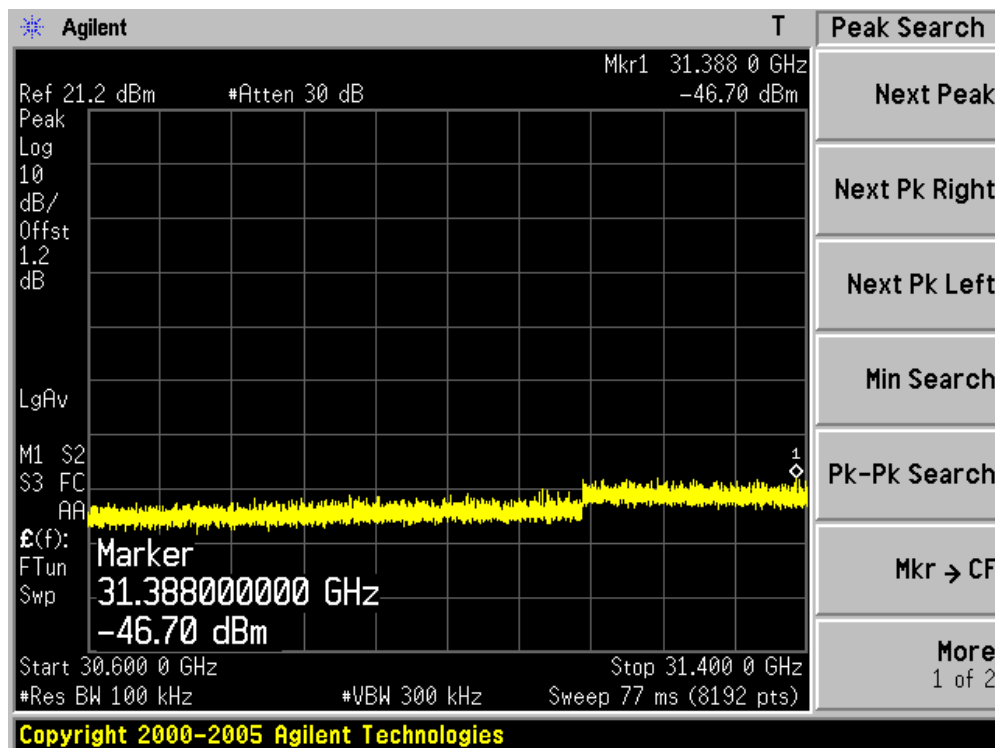
Channel 165 (5825MHz)-6



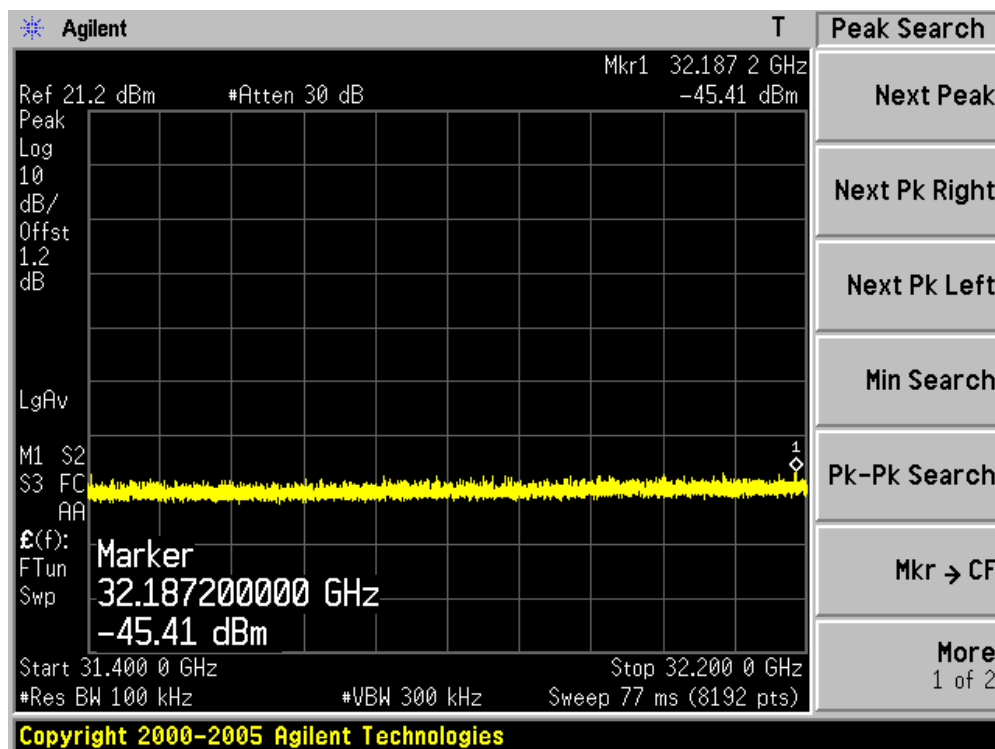
Channel 165 (5825MHz)-7



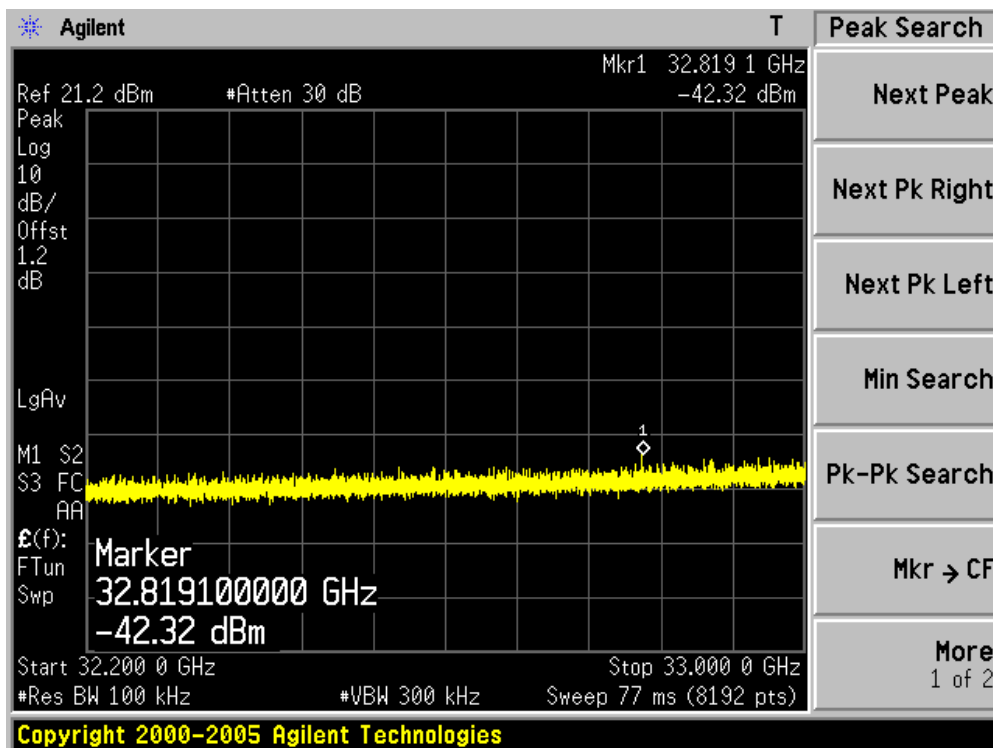
### Channel 165 (5825MHz)-8



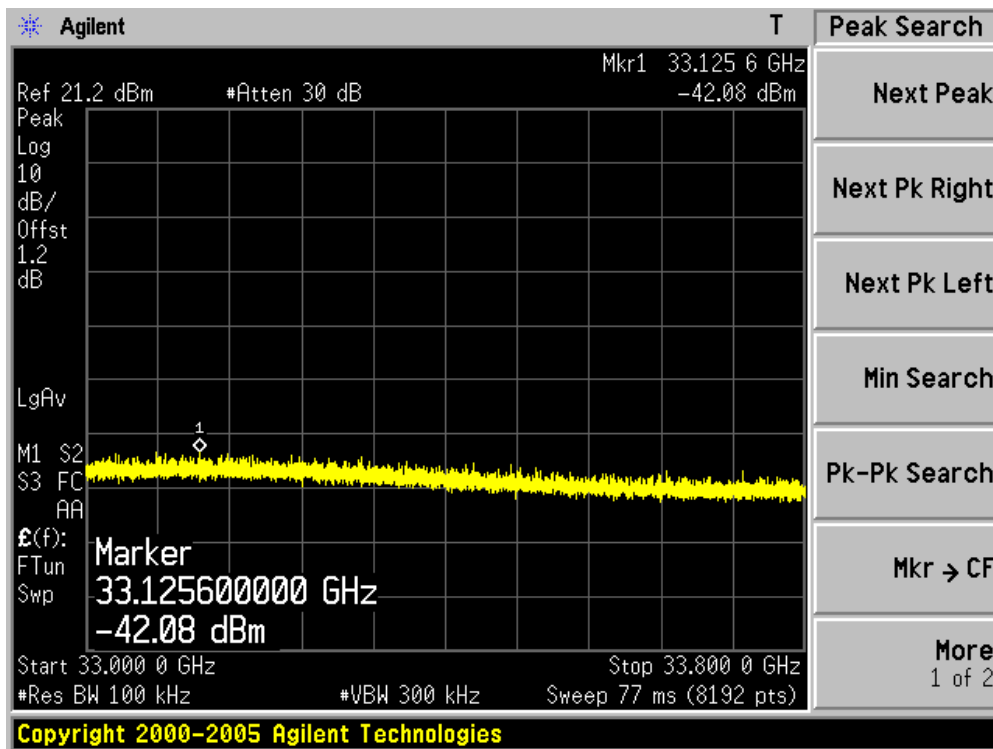
### Channel 165 (5825MHz)-9



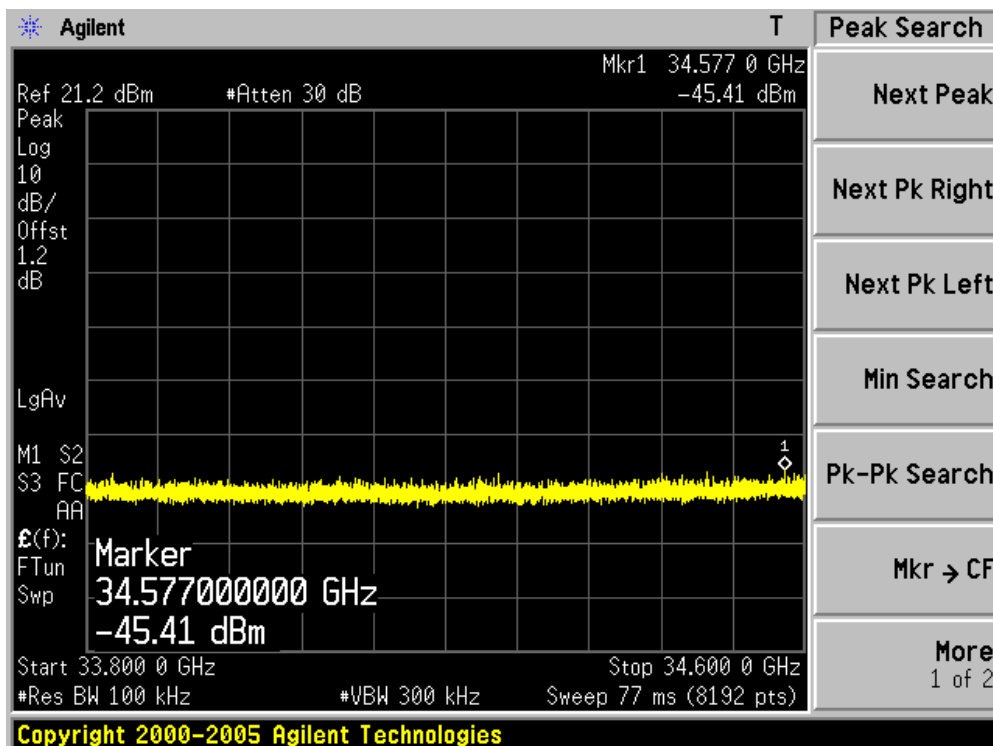
Channel 165 (5825MHz)-10



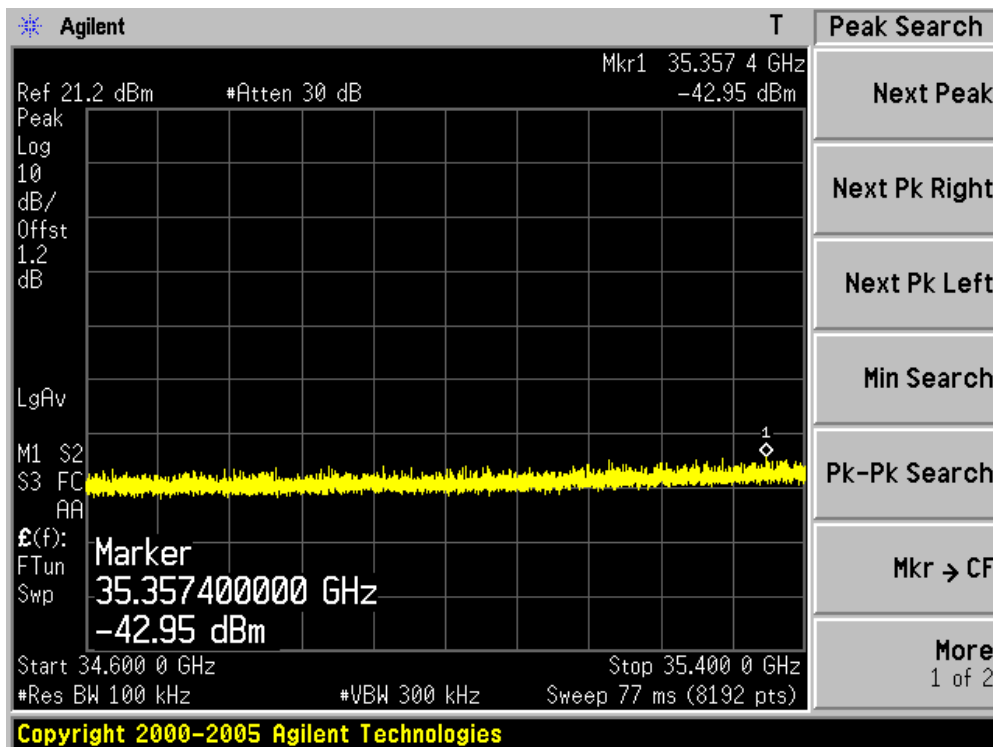
Channel 165 (5825MHz)-11



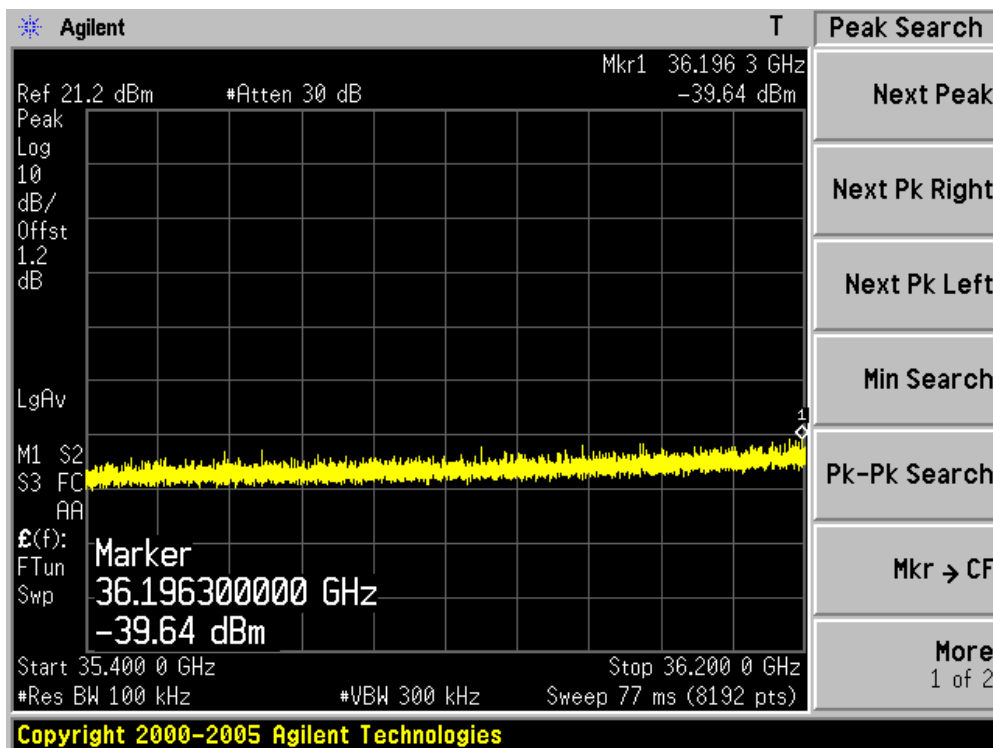
### Channel 165 (5825MHz)-12



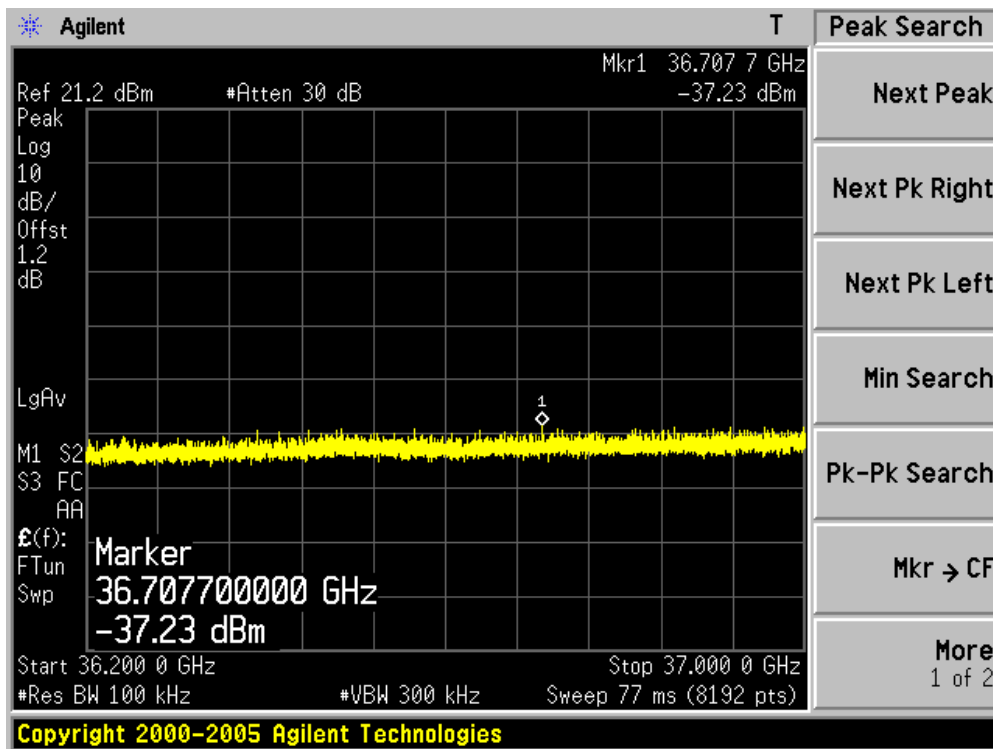
### Channel 165 (5825MHz)-13



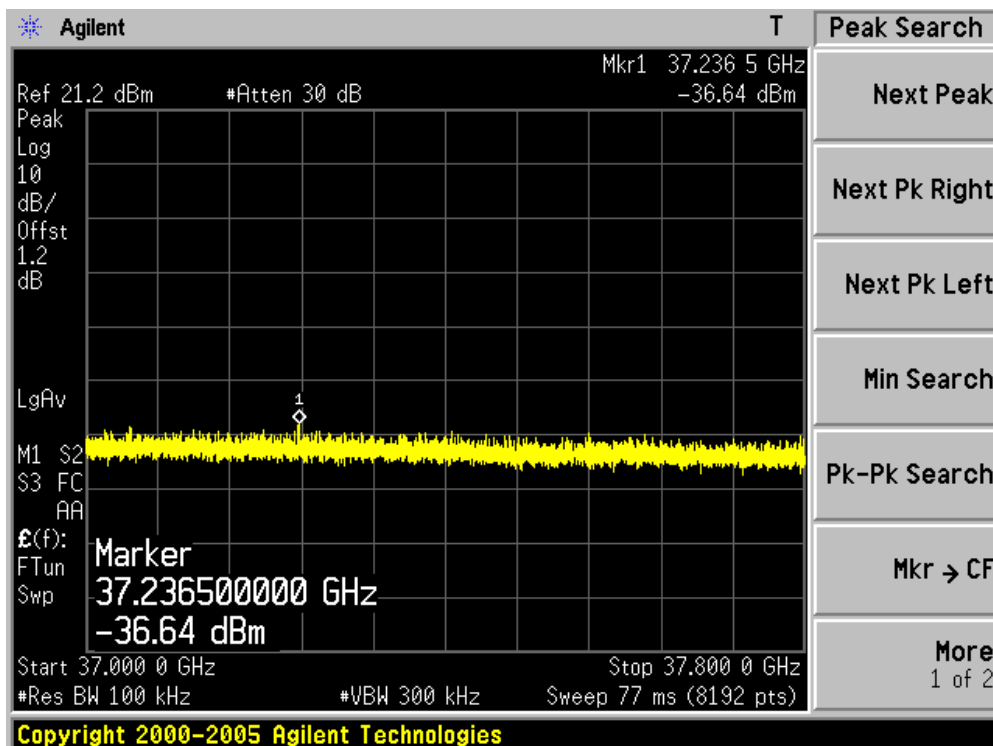
Channel 165 (5825MHz)-14



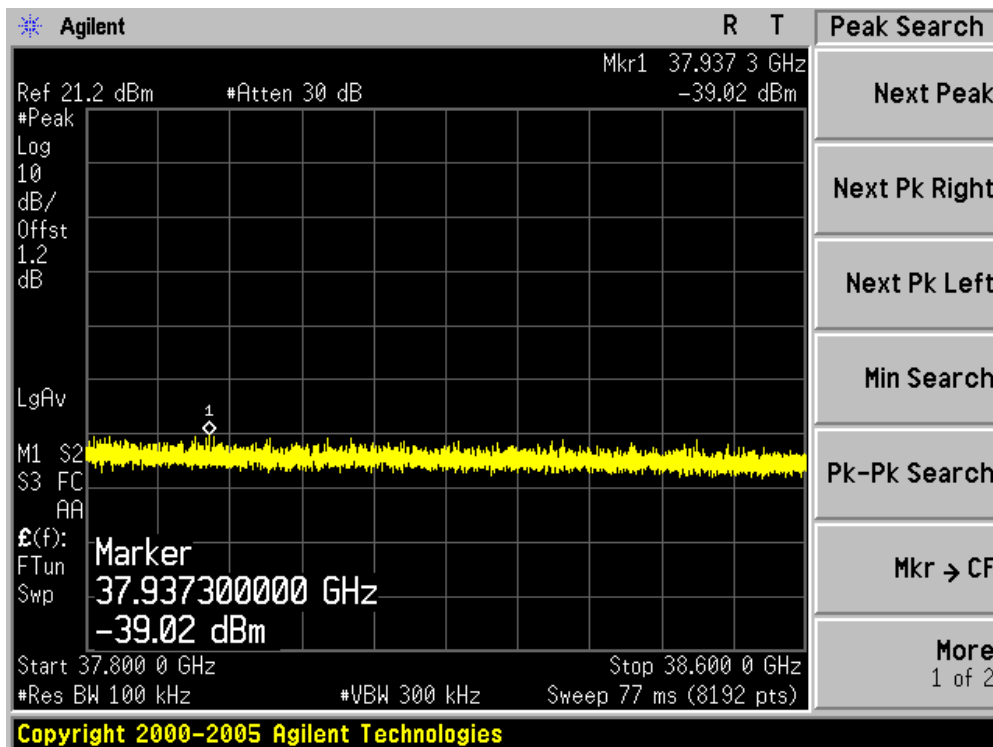
Channel 165 (5825MHz)-15



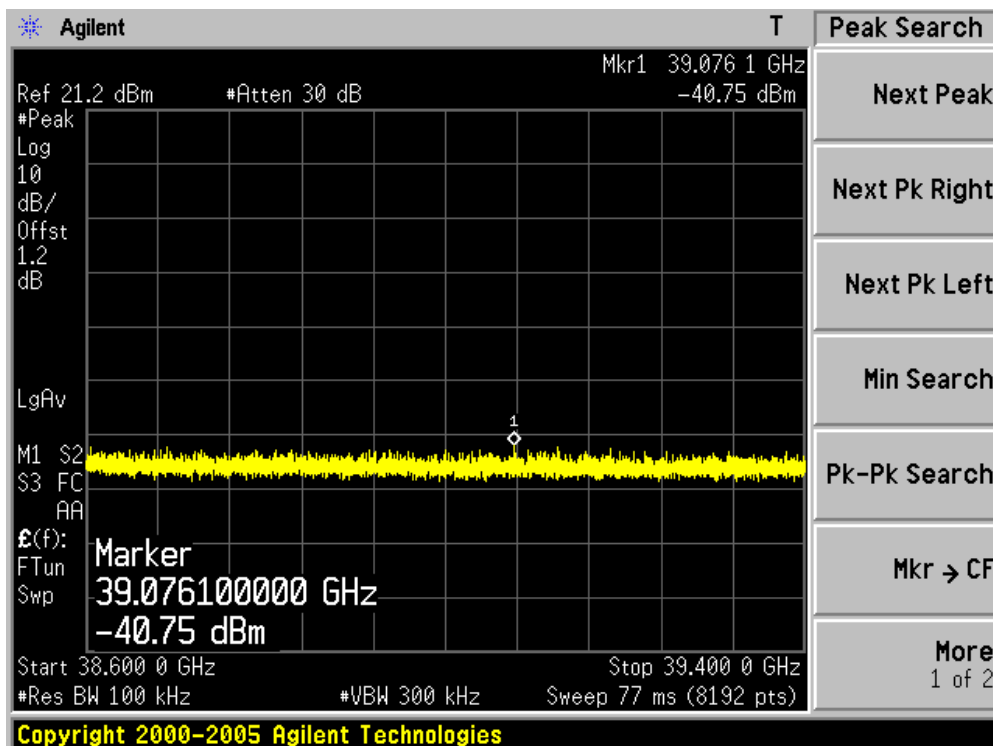
Channel 165 (5825MHz)-16



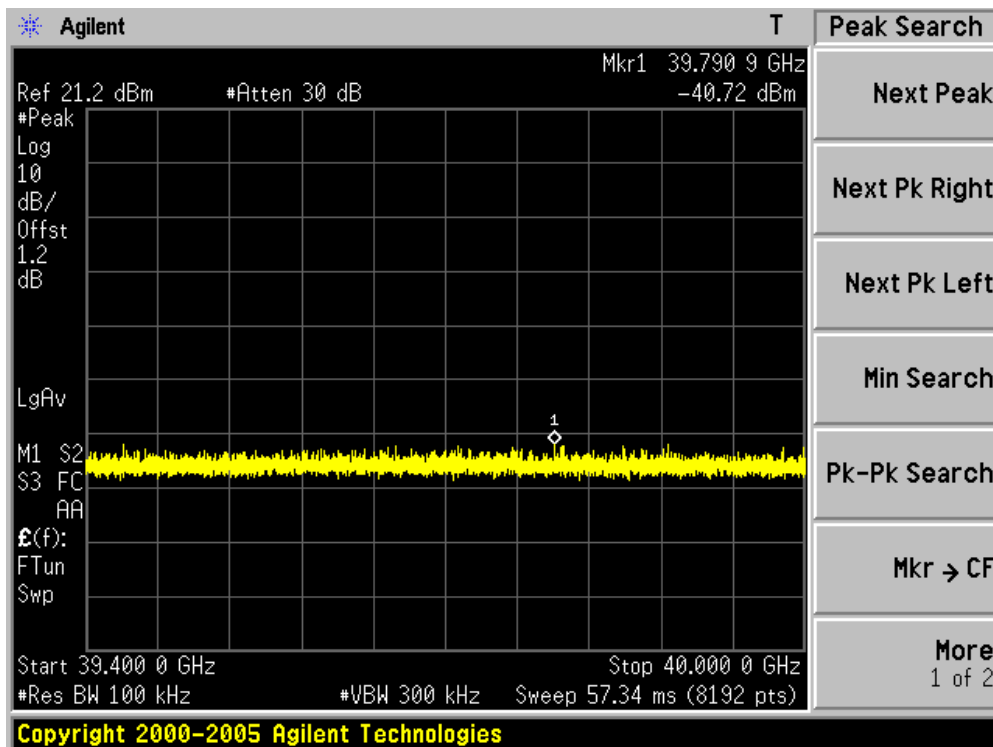
Channel 165 (5825MHz)-17



### Channel 165 (5825MHz)-18

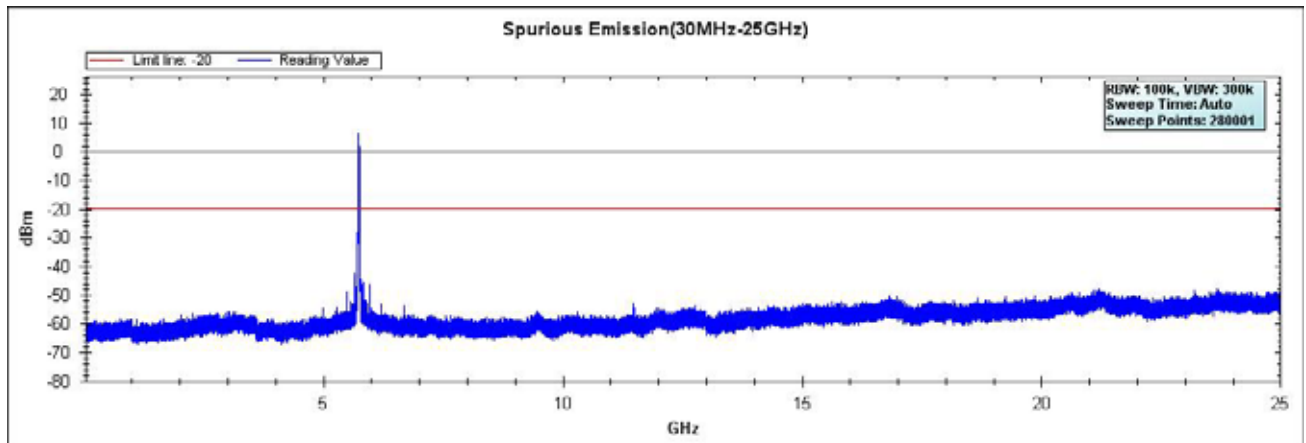


### Channel 165 (5825MHz)-19

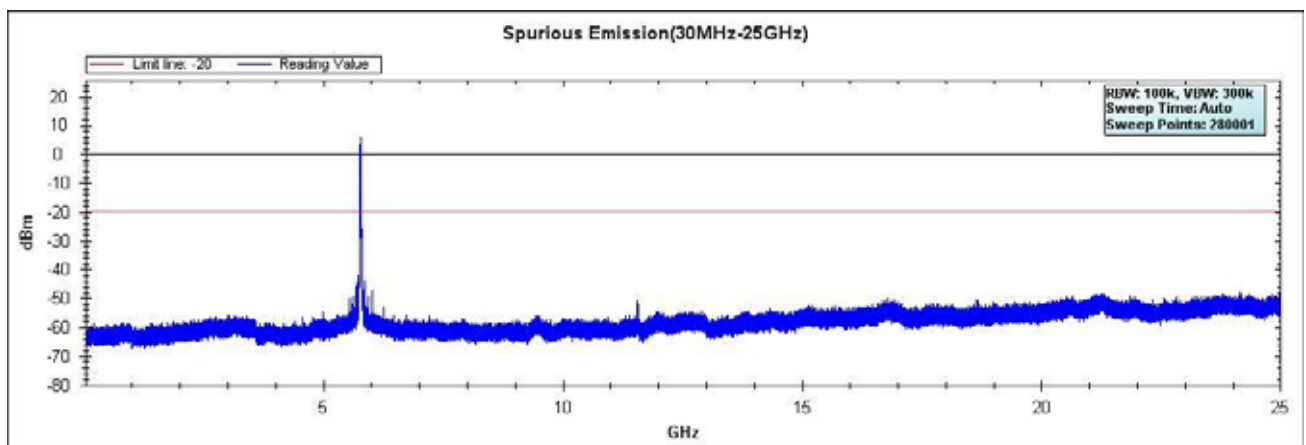


|           |   |                                             |
|-----------|---|---------------------------------------------|
| Product   | : | Mi Wi-Fi                                    |
| Test Item | : | RF Antenna Conducted Spurious               |
| Test Site | : | TR-8                                        |
| Test Mode | : | Mode 5: Transmit by 802.11ac(20MHz) (Ant 2) |

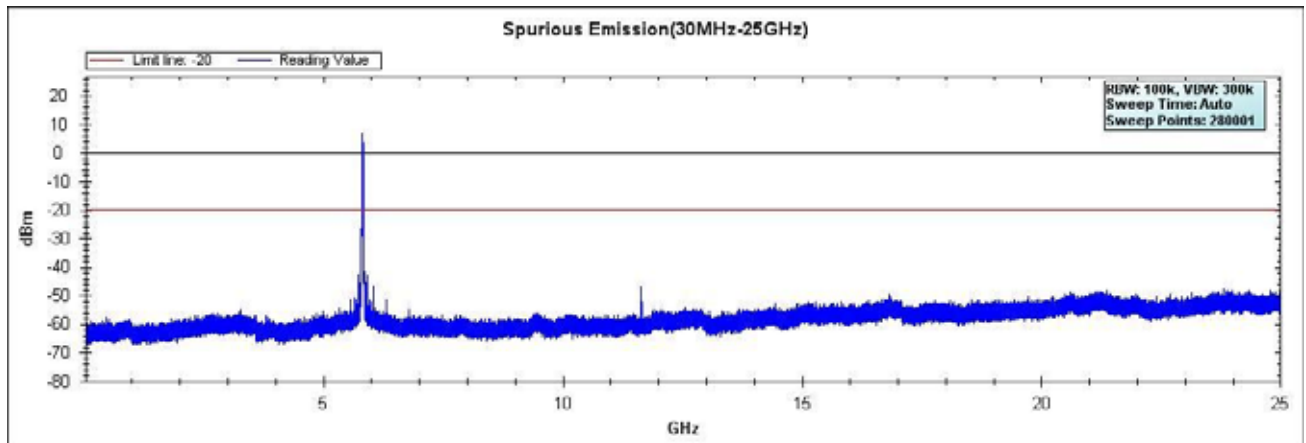
## Channel 149 (5745MHz)



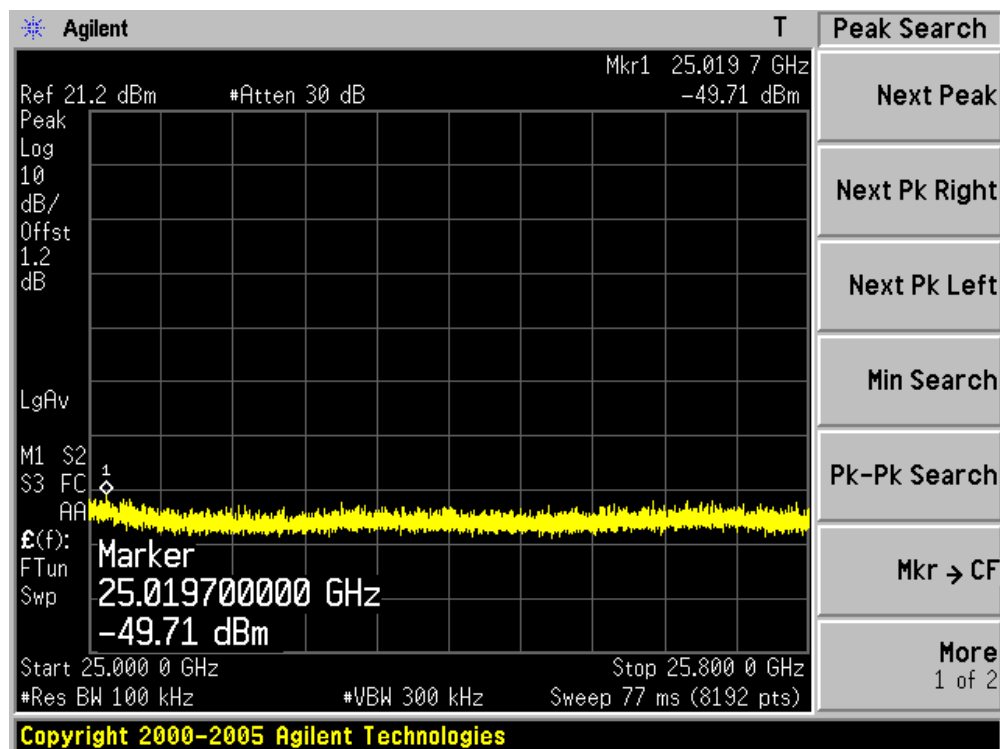
## Channel 157 (5785MHz)



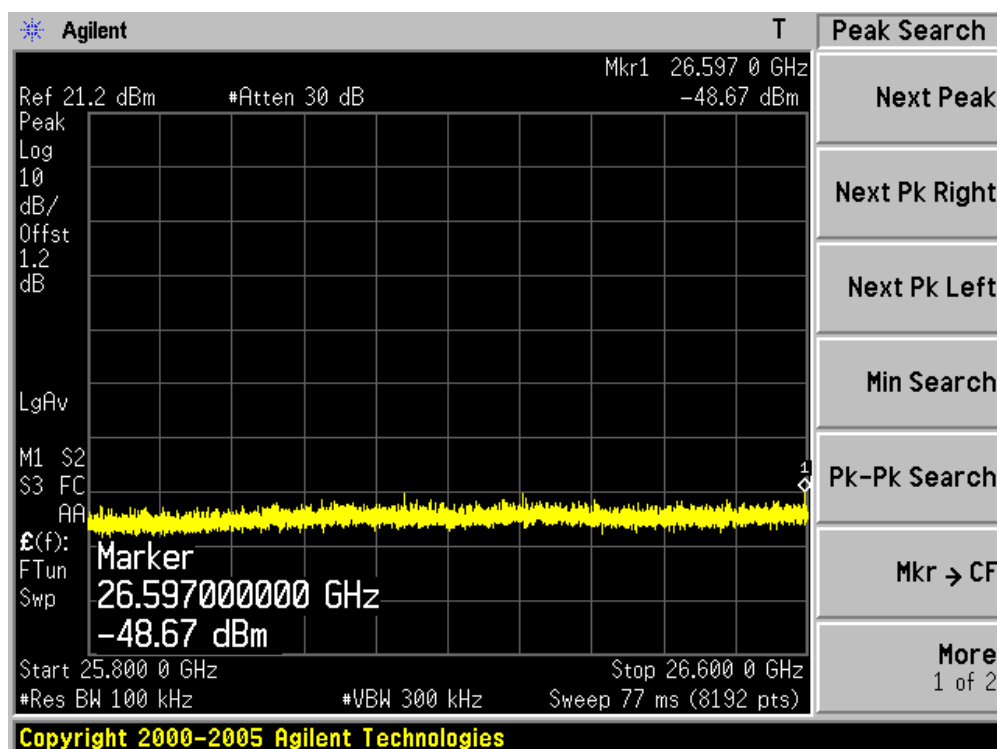
### Channel 165 (5825MHz)



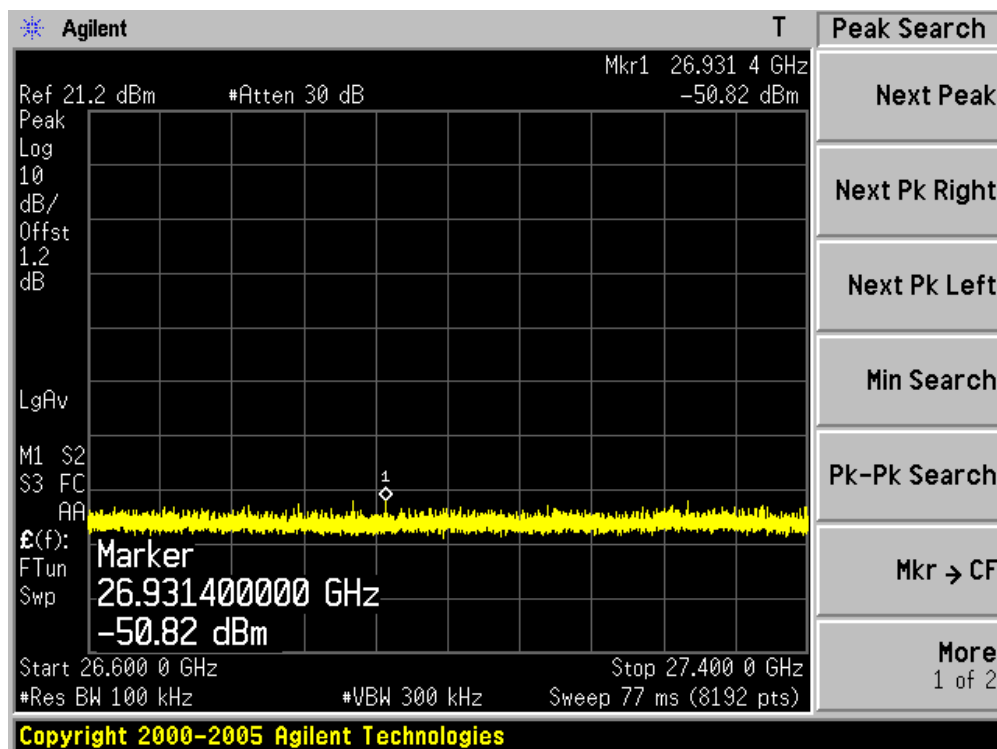
### Channel 149 (5745MHz)-1



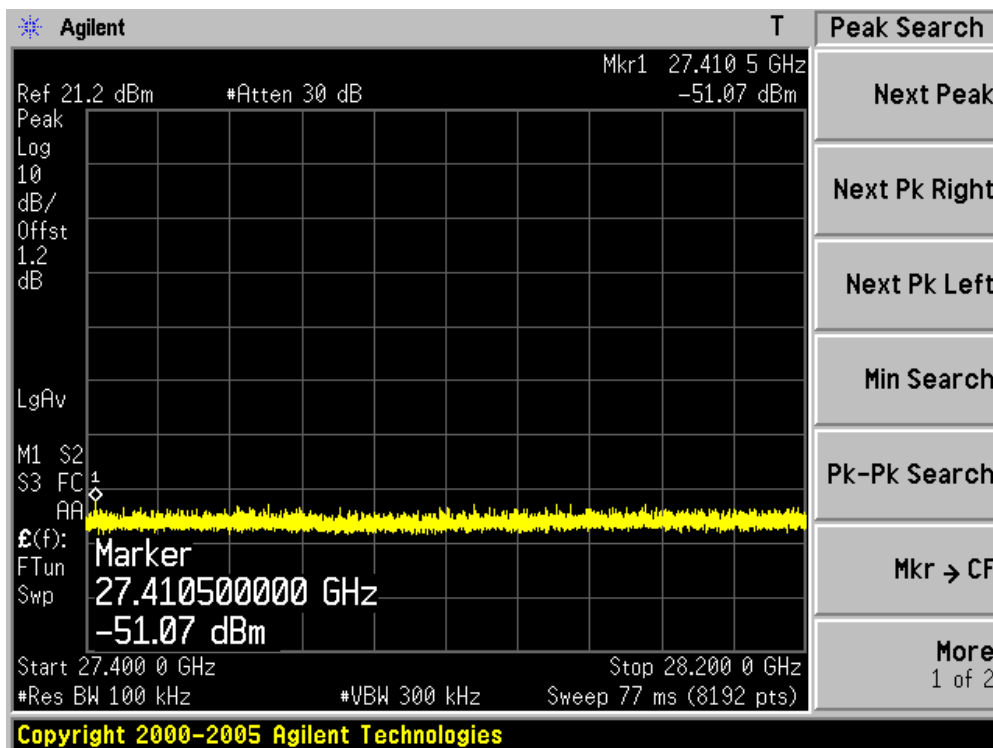
### Channel 149 (5745MHz)-2



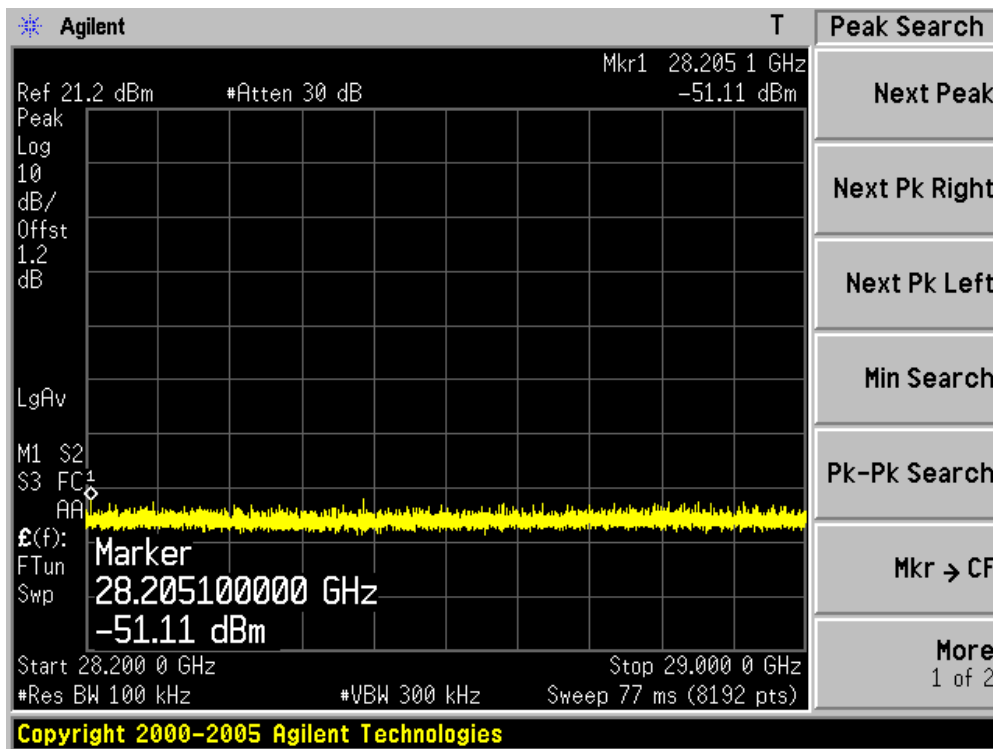
### Channel 149 (5745MHz)-3



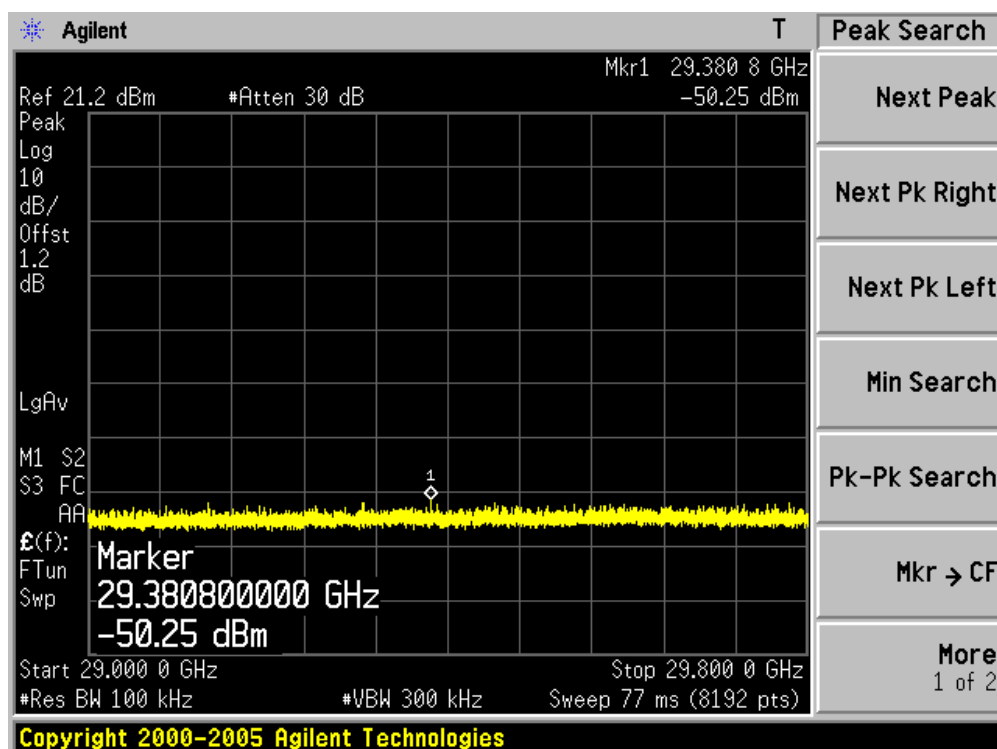
Channel 149 (5745MHz)-4



Channel 149 (5745MHz)-5



### Channel 149 (5745MHz)-6



### Channel 149 (5745MHz)-7

