



# Test Report

## FCC Part15 Subpart C

Product Name : Dual Band Wireless AC/N VDSL2 VoIP  
Combo WAN Gigabit IAD

Model No. : VMG8924-B10A

FCC ID : I88VMG8924B10A

Applicant : ZyXEL Communications Corporation

Address : No. 2, Gongye E. 9th Road Hsinchu Science Park,  
Hsinchu, Taiwan

Date of Receipt : 06/09/2013

Test Date : 09/09/2013~21/09/2013

Issued Date : 12/10/2013

Report No. : 139S026R-RF-US-P05V01

Report Version : V1.0

抬头抬头 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 : 12/10/2013  
 Report No. : 1392S026R-RF-US-P05V01



Product Name : Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD

Applicant : ZyXEL Communications Corporation

Address : No. 2, Gongye E. 9th Road Hsinchu Science Park, Hsinchu, Taiwan

Manufacturer : WuXi MitraStar Technology Co. Ltd.

Address : 60#-E, Minshan Road, New district WuXi, Jiangsu, P.R.China

Model No. : VMG8924-B10A

FCC ID : I88VMG8924B10A

EUT Voltage : DC: 12V

Brand Name : ZyXEL

Applicable Standard : FCC CFR Title 47 Part 15 Subpart C: 2012  
 ANSI C63.4: 2009; KDB 558074

Test Result : Complied

Performed Location : Suzhou EMC Laboratory  
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## Laboratory Information

We, **Quietek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted(audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scope:

<b>Taiwan R.O.C.</b>	<b>:</b>	<b>BSMI, NCC, TAF</b>
<b>Germany</b>	<b>:</b>	<b>TUV Rheinland</b>
<b>Norway</b>	<b>:</b>	<b>Nemko, DNV</b>
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The related certificate for our laboratories about the test site and management system can be downloaded from Quietek Corporation's Web Site :<http://www.quietek.com/tw/ctg/cts/accreditations.htm>

The address and introduction of Quietek Corporation's laboratories can be founded in our Web site :  
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1. General Information

1.1. EUT Description

Product Name	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Brand Name	ZyXEL
Model No.	VMG8924-B10A
EUT Voltage	DC 12V
Frequency Range	<p><b>For 2.4GHz Band</b></p> <p>802.11b/g/n(20MHz): 2412~2462MHz</p> <p>802.11n(40MHz): 2422~2452MHz</p> <p><b>For 5.0GHz Band</b></p> <p>802.11a/n(20MHz)/ac(20MHz):</p> <p>5180~5240MHz, 5745~5825MHz</p> <p>802.11n(40MHz)/ac(40MHz):</p> <p>5190~5230MHz, 5755~5795MHz</p> <p>802.11ac(80MHz):</p> <p>5210MHz, 5775MHz</p>
Channel Number	<p>For 2.4GHz Band</p> <p>802.11b/g/n(20MHz): 11 802.11n(40MHz): 7</p> <p>For 5.0GHz Band</p> <p>802.11a /n(20MHz) /ac(20MHz): 9 802.11n(40MHz)/ac(40MHz): 4</p> <p>802.11ac(80MHz): 2</p>
Type of Modulation	<p>802.11b: DSSS</p> <p>802.11a/g/n/ac: OFDM</p>
Data Rate	<p>802.11a/g: 6/9/12/18/24/36/48/54 Mbps</p> <p>802.11b: 1/2/5.5/11 Mbps</p> <p>802.11n: up to 450 Mbps</p> <p>802.11ac: up to 1299.9 Mbps</p>
Channel Control	Auto
Antenna Delivery	<p>2*Tx + 2*Rx for 2.4GHz</p> <p>3*Tx + 3*Rx for 5GHz</p>
Antenna Type	Printed Antenna
Peak Antenna Gain	3.7dBi for 2.4GHz, 3.0dBi for 5GHz

**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

Power Parameter Value of the test software

Test Mode	Test Channel	Ant0	Ant1	Ant0+1
802.11b	2412	-1	-1	x
	2437	-1	-1	x
	2462	-1	-1	x
802.11g	2412	62	-1	x
	2437	-1	-1	x
	2462	66	-1	x
802.11n(20MHz)	2412	57	64	-1
	2437	-1	-1	-1
	2462	58	58	-1
802.11n(40MHz)	2422	47	-1	40
	2437	-1	-1	-1
	2452	40	48	42

Test Mode	Test Channel	Ant0	Ant1	Ant2	Ant0+1	Ant1+2	Ant0+2	Ant0+1+2
802.11a	5745	-1	-1	-1	x	x	x	x
	5785	-1	-1	-1	x	x	x	x
	5825	-1	-1	-1	x	x	x	x
802.11n (20MHz)	5745	-1	-1	-1	56	56	56	50
	5785	-1	-1	-1	56	56	56	50
	5825	-1	-1	-1	56	56	56	50
802.11ac (20MHz)	5745	-1	-1	-1	54	52	52	46
	5785	-1	-1	-1	52	53	53	45
	5825	-1	-1	-1	54	53	53	46
802.11n (40MHz)	5755	-1	-1	-1	60	60	60	58
	5795	-1	-1	-1	60	60	60	58
802.11ac (40MHz)	5755	-1	-1	-1	-1	-1	-1	54
	5795	-1	-1	-1	-1	-1	-1	54
802.11ac (80MHz)	5775	-1	-1	-1	-1	-1	-1	-1



The test mode of the test software can support.

Test Mode	Ant0	Ant1	Ant0+1
802.11b	√	√	×
	√	√	×
	√	√	×
802.11g	√	√	×
	√	√	×
	√	√	×
802.11n (20MHz)	√	√	√
	√	√	√
	√	√	√
802.11n (40MHz)	√	√	√
	√	√	√
	√	√	√

Test Mode	Ant0	Ant1	Ant2	Ant0+1	Ant1+2	Ant0+2	Ant0+1+2
802.11a	√	√	√	×	×	×	×
	√	√	√	×	×	×	×
	√	√	√	×	×	×	×
802.11n (20MHz)	√	√	√	√	√	√	√
	√	√	√	√	√	√	√
	√	√	√	√	√	√	√
802.11ac (20MHz)	√	√	√	√	√	√	√
	√	√	√	√	√	√	√
	√	√	√	√	√	√	√
802.11n (40MHz)	√	√	√	√	√	√	√
	√	√	√	√	√	√	√
802.11ac (40MHz)	√	√	√	√	√	√	√
		√	√	√	√	√	√
802.11ac (80MHz)		√	√	√	√	√	√

## 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	96%
802.11n(20MHz)	96%
802.11n(40MHz)	95%
802.11ac(20MHz)	98%
802.11ac(40MHz)	97%
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
Mode 2: Transmit by 802.11g
Mode 3: Transmit by 802.11a
Mode 4: Transmit by 802.11n(20MHz)
Mode 5: Transmit by 802.11ac(20MHz)
Mode 6: Transmit by 802.11n(40MHz)
Mode 7: Transmit by 802.11ac(40MHz)
Mode 8: Transmit by 802.11ac(80MHz)

Note:

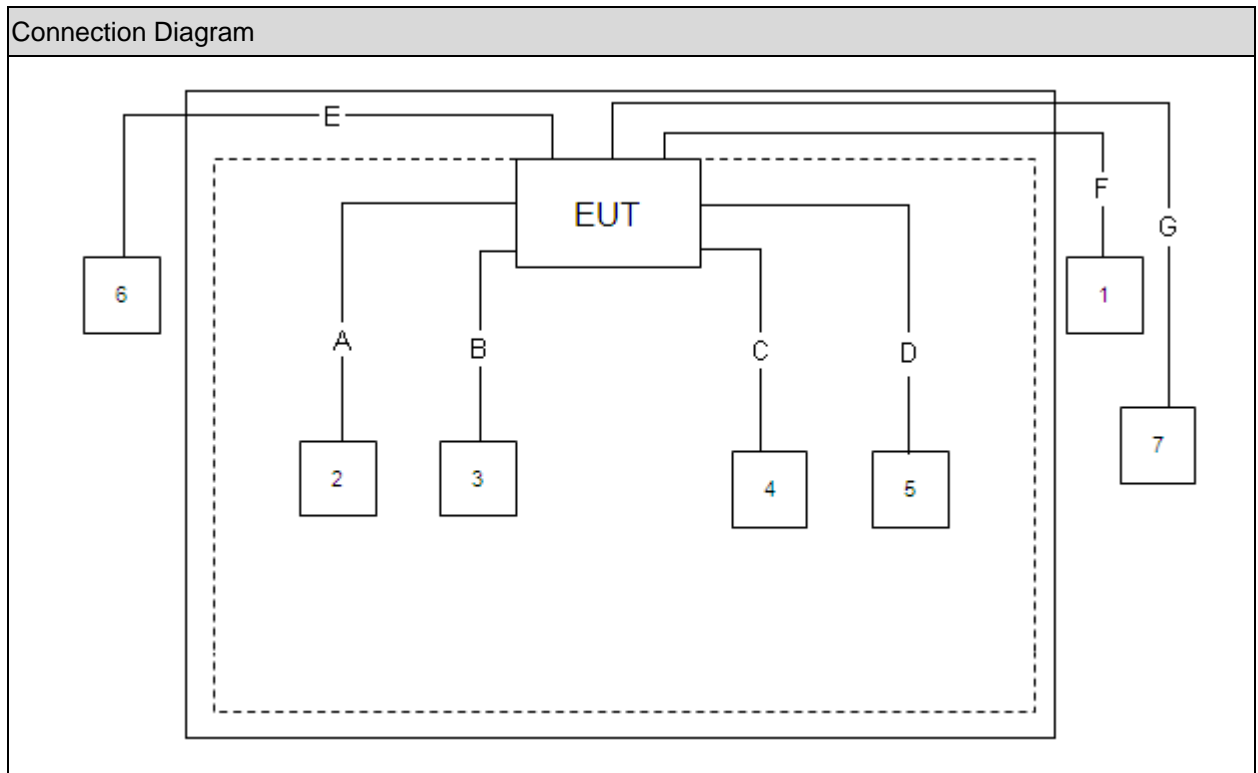
Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

### 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   Notebook	Dell	PP19L	JH097A01	Non-Shielded, 1.8m
2   USB 3.0 Hard Disc Drive	Lenovo	F360	OA0503512400231	Power by EUT
3   USB 3.0 Hard Disc Drive	Lenovo	F360	OA0503512400230	Power by EUT
4   Phone	PHILIPS	HCD1888(20)TSD	3072420	Power by Battery
5   Phone	PHILIPS	HCD1888(20)TSD	1102205	Power by Battery
6   Switchboard	ZyXEL	VES-1624FT-55A	S0302510094S1	Non-Shielded, 0.8m
7   Router	D-Link	DLR-605	PK11496006143	Non-Shielded, 1.8m

1.4. Configuration of Tested System



Signal Cable Type		Signal cable Description
A	USB Cable	Shielded, 0.5m
B	USB Cable	Shielded, 0.5m
C	Telecom Cable	Non-shielded, 1.0m
D	Telecom Cable	Non-shielded, 1.0m
E	Telecom Cable	Non-shielded, >10m
F	LAN Cable	Non-shielded, >10m
G	LAN Cable	Non-shielded, >10m

**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: 2012 Section 15.207	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart C: 2012 Section 15.209	Yes	No
RF Antenna Conducted Spurious	FCC CFR Title 47 Part 15 Subpart C: 2012 Section 15.247(d)	Yes	No
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2012 15.247(d)	Yes	No
Operation Frequency Range of 20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2012 15.215(c)	Yes	No
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2012 Section 15.247(a)(2)	Yes	No
Power Output	FCC CFR Title 47 Part 15 Subpart C: 2012 Section 15.247(b)(3)	Yes	No
Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2012 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

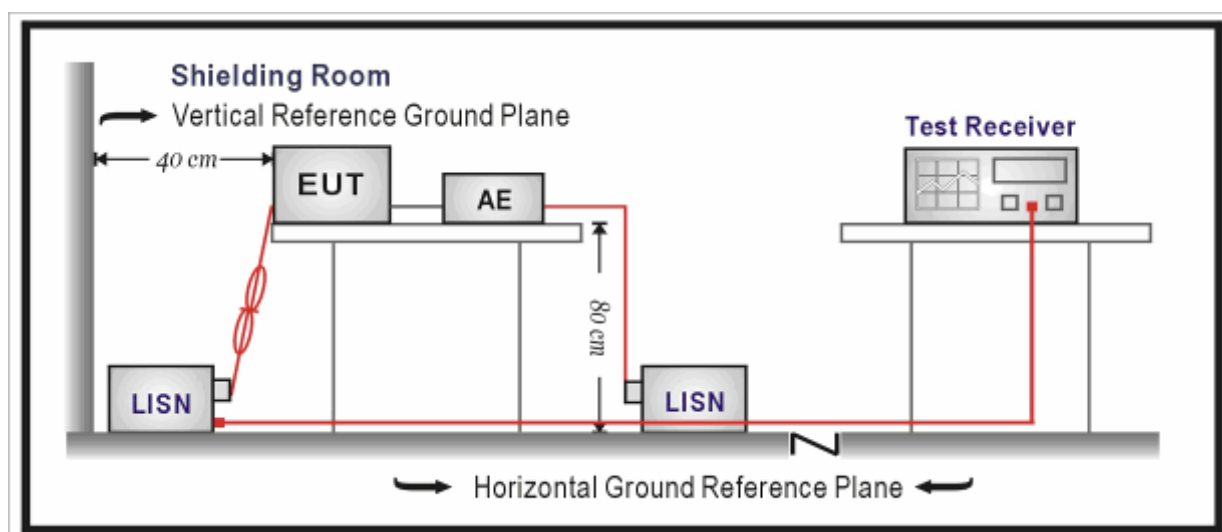
#### 3.1. Test Equipment

Conducted Emission / TR-1

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
EMI Test Receiver	R&S	ESCI	100726	2014.01.07
Two-Line V-Network	R&S	ENV216	100043	2014.03.30
Two-Line V-Network	R&S	ENV216	100044	2014.09.16
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2014.03.01
50ohm Termination	SHX	TF2	07081401	2014.09.16
Temperature/Humidity Meter	zhicheng	ZC1-2	TR1-TH	2014.01.10

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.

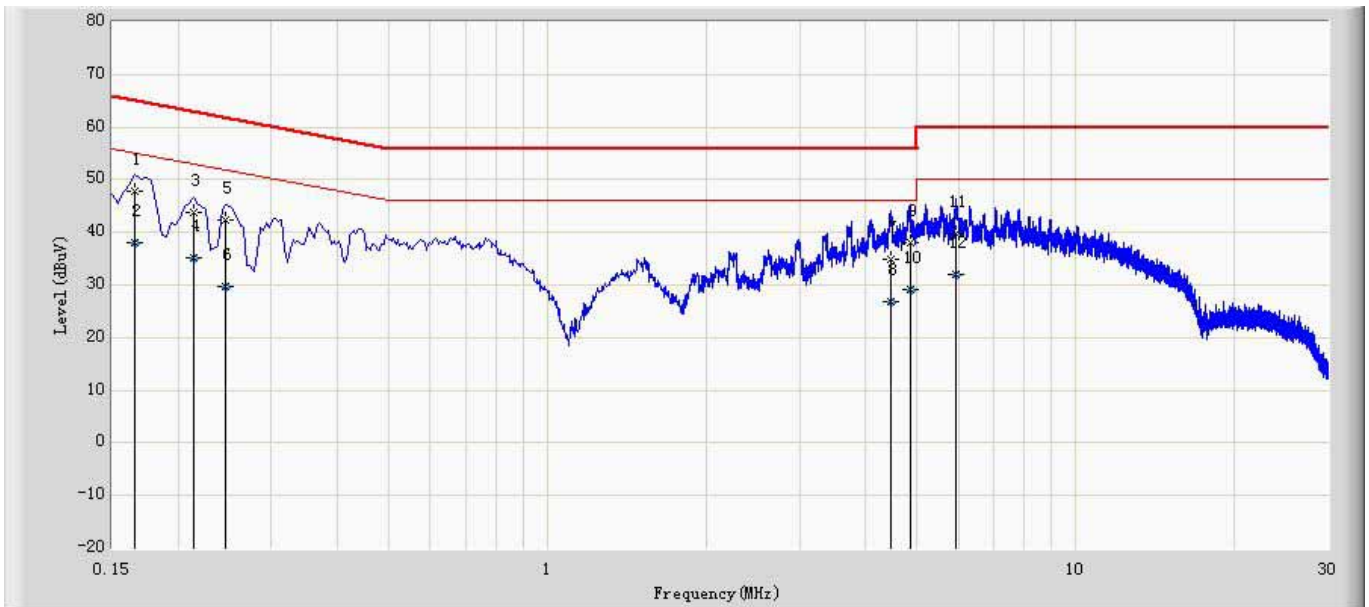
The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

**3.5. Uncertainty**

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

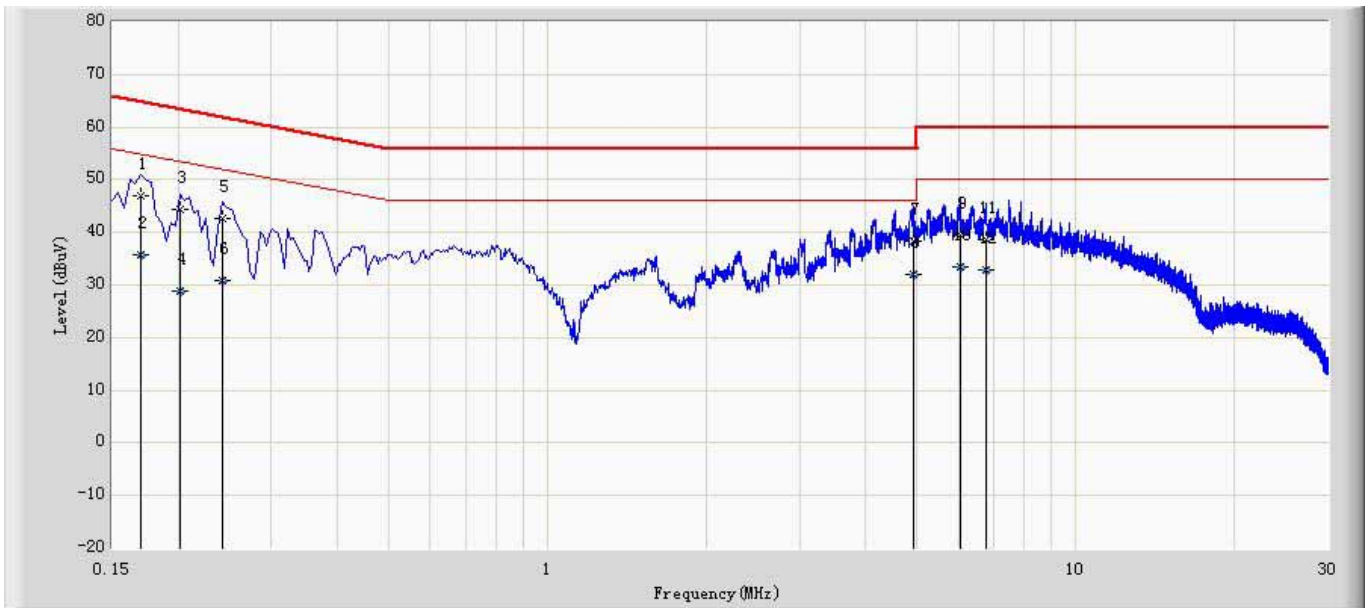
### 3.6. Test Result

Engineer: Milo	
Site: TR1	Time: 2013/09/11 - 19:09
Limit: FCC_Part15.207_CE_AC Power Class B	Margin: 0
Probe: ENV216-N	Polarity: Neutral
EUT: Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD	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		0.166	47.716	37.867	-17.442	65.158	9.848	QP
2		0.166	38.116	28.267	-17.043	55.158	9.848	AV
3		0.214	43.779	33.917	-19.269	63.049	9.862	QP
4		0.214	35.045	25.183	-18.004	53.049	9.862	AV
5		0.246	42.329	32.462	-19.562	61.891	9.867	QP
6		0.246	29.810	19.943	-22.081	51.891	9.867	AV
7		4.462	34.799	24.951	-21.201	56.000	9.848	QP
8		4.462	26.766	16.918	-19.234	46.000	9.848	AV
9		4.862	38.023	28.163	-17.977	56.000	9.860	QP
10	*	4.862	29.150	19.290	-16.850	46.000	9.860	AV
11		5.930	39.881	29.987	-20.119	60.000	9.894	QP
12		5.930	31.873	21.979	-18.127	50.000	9.894	AV

Engineer: Milo	
Site: TR1	Time: 2013/09/11 - 19:16
Limit: FCC_Part15.207_CE_AC Power Class B	Margin: 0
Probe: ENV216-L1	Polarity: Line
EUT: Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD	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		0.170	46.816	36.965	-18.145	64.960	9.851	QP
2		0.170	35.752	25.901	-19.208	54.960	9.851	AV
3		0.202	44.306	34.445	-19.222	63.528	9.860	QP
4		0.202	28.917	19.057	-24.611	53.528	9.860	AV
5		0.242	42.547	32.681	-19.480	62.027	9.866	QP
6		0.242	30.990	21.124	-21.038	52.027	9.866	AV
7		4.918	38.245	28.385	-17.755	56.000	9.860	QP
8	*	4.918	32.142	22.282	-13.858	46.000	9.860	AV
9		6.038	39.386	29.490	-20.614	60.000	9.896	QP
10		6.038	33.446	23.550	-16.554	50.000	9.896	AV
11		6.770	38.533	28.607	-21.467	60.000	9.926	QP
12		6.770	32.767	22.841	-17.233	50.000	9.926	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	2014.03.30
Loop Antenna	R&S	HFH2-Z2	833799/003	2013.11.17
Bilog Chainenna	Teseq GmbH	CBL6112D	27611	2013.10.15
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2014.03.01
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC2-TH	2014.01.09

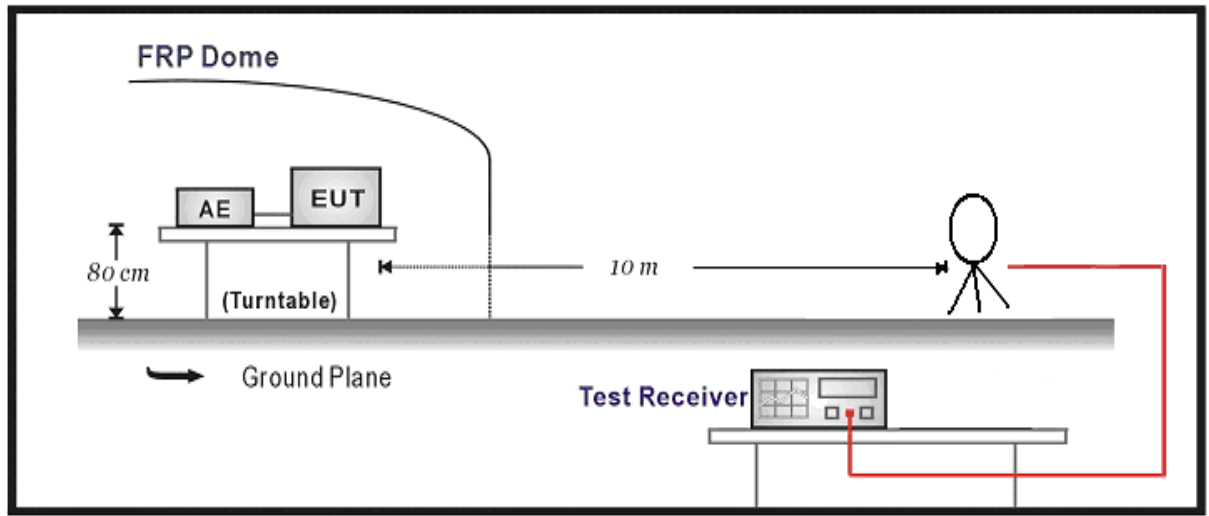
Radiated Emission / AC-5

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	N9020A	MY49100159	2014.03.30
Spectrum Analyzer	Agilent	E4446A	MY45300103	2014.01.21
Preamplifier	Miteq	NSP1800-25	1364185	2014.05.04
Preamplifier	QuieTek	AP-040G	CHM-0906001	2014.05.04
DRG Horn	ETS-Lindgren	3117	00123988	2014.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2013.11.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2014.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2014.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2014.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2014.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2014.01.11

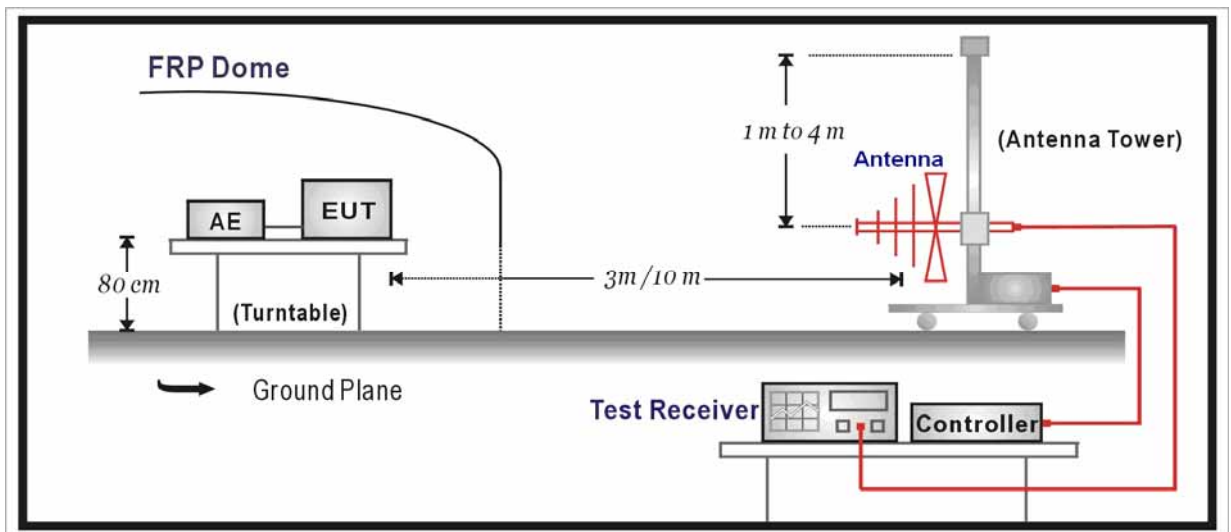
Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

### 4.2. Test Setup

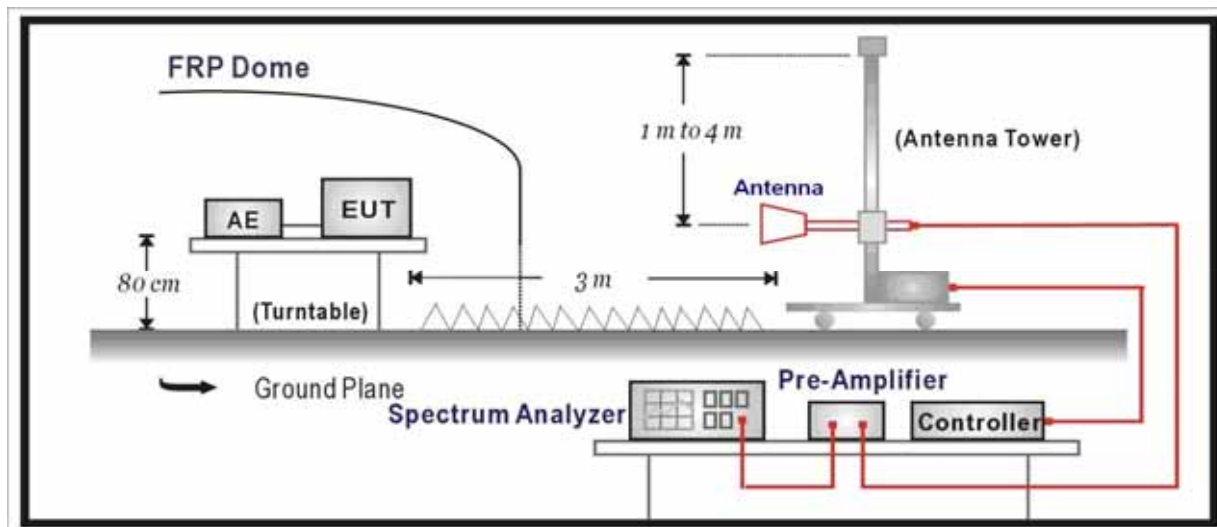
Below 30MHz Test Setup:



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 (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Ant 0	1	H	4825.0	58.0	-7.1	50.9	54(note3)	-3.1	PK
		H	7236.0	54.3	-1.7	52.6	54(note3)	-1.4	PK
		H	9648.0	35.2	4.3	39.5	54(note3)	-14.5	PK
		V	4825.0	55.6	-7.2	48.4	54(note3)	-5.6	PK
		V	7239.0	48.6	-1.7	46.9	54(note3)	-7.1	PK
		V	9648.0	35.0	4.4	39.4	54(note3)	-14.6	PK
	6	H	4876.0	57.8	-7.0	50.8	54(note3)	-3.2	PK
		H	7307.0	54.4	-1.6	52.8	54(note3)	-1.2	PK
		H	9748.0	35.6	4.5	40.1	54(note3)	-13.9	PK
		V	4876.0	56.0	-7.0	49.0	54(note3)	-5.0	PK
		V	7315.5	49.2	-1.6	47.6	54(note3)	-6.4	PK
		V	9748.0	35.2	4.6	39.8	54(note3)	-14.2	PK
	11	H	4927.0	57.0	-7.1	49.9	54(note3)	-4.1	PK
		H	7383.5	51.7	-1.3	50.4	54(note3)	-3.6	PK
		H	9848.0	35.7	4.9	40.6	54(note3)	-13.4	PK
		V	4927.0	57.7	-7.0	50.7	54(note3)	-3.3	PK
		V	7383.5	46.8	-1.3	45.5	54(note3)	-8.5	PK
		V	9848.0	35.8	5.0	40.8	54(note3)	-13.2	PK
Ant 1	1	H	4825.0	54.0	-7.1	46.9	54(note3)	-7.1	PK
		H	7230.5	45.7	-1.8	43.9	54(note3)	-10.1	PK
		H	9648.0	35.0	4.3	39.3	54(note3)	-14.7	PK
		V	4825.0	50.9	-7.2	43.7	54(note3)	-10.3	PK
		V	7236.0	42.1	-1.8	40.3	54(note3)	-13.7	PK
		V	9648.0	34.5	4.4	38.9	54(note3)	-15.1	PK
	6	H	4876.0	55.2	-7.0	48.2	54(note3)	-5.8	PK
		H	7307.0	48.7	-1.6	47.1	54(note3)	-6.9	PK
		H	9748.0	34.8	4.5	39.3	54(note3)	-14.7	PK

		V	4876.0	53.7	-7.0	46.7	54(note3)	-7.3	PK
		V	7307.0	44.5	-1.6	42.9	54(note3)	-11.1	PK
		V	9748.0	35.4	4.6	40.0	54(note3)	-14.0	PK
	11	H	4927.0	56.3	-7.1	49.2	54(note3)	-4.8	PK
		H	7383.5	47.7	-1.3	46.4	54(note3)	-7.6	PK
		H	9848.0	36.3	4.9	41.2	54(note3)	-12.8	PK
		V	4927.0	52.5	-7.0	45.5	54(note3)	-8.5	PK
		V	7386.0	42.7	-1.3	41.4	54(note3)	-12.6	PK
		V	9848.0	37.1	5.0	42.1	54(note3)	-11.9	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 0	1	H	4825.0	53.7	-7.1	46.6	54(note3)	-7.4	PK	
		H	7230.5	54.4	-1.8	52.6	54(note3)	-1.4	PK	
		H	9648.0	35.0	4.3	39.3	54(note3)	-14.7	PK	
		V	4816.5	51.9	-7.2	44.7	54(note3)	-9.3	PK	
		V	7230.5	49.9	-1.8	48.1	54(note3)	-5.9	PK	
		V	9648.0	34.4	4.4	38.8	54(note3)	-15.2	PK	
	6	H	4876.0	54.7	-7.0	47.7	54(note3)	-6.3	PK	
		H	7307.0	57.2	-1.6	55.6	74	-18.4	PK	
		H	7311.3	40.8	-1.6	39.2	54	-14.8	AV	
		H	9748.0	35.2	4.5	39.7	54(note3)	-14.3	PK	
		V	4876.0	55.2	-7.0	48.2	54(note3)	-5.8	PK	
		V	7315.5	50.4	-1.6	48.8	54(note3)	-5.2	PK	
	11	V	9748.0	35.5	4.6	40.1	54(note3)	-13.9	PK	
		H	4918.5	52.8	-7.1	45.7	54(note3)	-8.3	PK	
		H	7383.5	52.8	-1.3	51.5	54(note3)	-2.5	PK	
			H	9848.0	36.9	4.9	41.8	54(note3)	-12.2	PK

Ant 1	1	V	4927.0	55.2	-7.0	48.2	54(note3)	-5.8	PK
		V	7383.5	47.2	-1.3	45.9	54(note3)	-8.1	PK
		V	9848.0	36.3	5.0	41.3	54(note3)	-12.7	PK
	6	H	4825.0	56.6	-7.1	49.5	54(note3)	-4.5	PK
		H	7230.5	47.9	-1.8	46.1	54(note3)	-7.9	PK
		H	9648.0	34.9	4.3	39.2	54(note3)	-14.8	PK
		V	4825.0	52.8	-7.2	45.6	54(note3)	-8.4	PK
		V	7236.0	41.4	-1.8	39.6	54(note3)	-14.4	PK
		V	9648.0	34.6	4.4	39.0	54(note3)	-15.0	PK
	11	H	4876.0	55.6	-7.0	48.6	54(note3)	-5.4	PK
		H	7307.0	48.9	-1.6	47.3	54(note3)	-6.7	PK
		H	9748.0	36.0	4.5	40.5	54(note3)	-13.5	PK
		V	4876.0	52.3	-7.0	45.3	54(note3)	-8.7	PK
		V	7311.0	43.0	-1.6	41.4	54(note3)	-12.6	PK
		V	9748.0	34.7	4.6	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.

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 0	149	H	11497.5	40.8	8.8	49.6	54(note3)	-4.4	PK
		H	17226.5	39.2	13.9	53.1	54(note3)	-0.9	PK
		V	11489.0	42.1	8.7	50.8	54(note3)	-3.2	PK
		V	17240.0	42.5	13.9	56.4	74	-17.6	PK
		V	17240.0	25.5	13.9	39.4	54	-14.6	AV

	157	H	11574.0	39.1	9.0	48.1	54(note3)	-5.9	PK	
		H	17354.0	39.6	13.9	53.5	54(note3)	-0.5	PK	
		V	11565.5	41.5	8.9	50.4	54(note3)	-3.6	PK	
		V	17345.5	36.7	14.0	50.7	54(note3)	-3.3	PK	
	165	H	11650.5	39.9	8.9	48.8	54(note3)	-5.2	PK	
		H	17473.0	38.6	13.9	52.5	54(note3)	-1.5	PK	
		V	11650.5	42.0	8.8	50.8	54(note3)	-3.2	PK	
		V	17475.0	34.4	14.0	48.4	54(note3)	-5.6	PK	
Ant 1	147	H	11489.0	38.7	8.8	47.5	54(note3)	-6.5	PK	
		H	17235.0	39.8	13.8	53.6	54(note3)	-0.4	PK	
		V	11489.0	43.9	8.7	52.6	54(note3)	-1.4	PK	
		V	17235.0	36.8	13.9	50.7	54(note3)	-3.3	PK	
	157	H	11574.0	40.2	9.0	49.2	54(note3)	-4.8	PK	
		H	17354.0	36.9	13.9	50.8	54(note3)	-3.2	PK	
		V	17354.0	36.0	14.0	50.0	54(note3)	-4.0	PK	
		V	11574.0	45.9	8.9	54.8	74	-19.2	PK	
		V	11569.0	36.4	8.9	45.3	54	-8.7	AV	
	165	H	11650.5	40.4	8.9	49.3	54(note3)	-4.7	PK	
		H	17475.0	35.6	13.9	49.5	54(note3)	-4.5	PK	
		V	11650.5	46.7	8.8	55.5	74	-18.5	PK	
		V	11649.0	37.0	8.8	45.8	54	-8.2	AV	
		V	17475.0	35.9	14.0	49.9	54(note3)	-4.1	PK	
	Ant 2	147	H	11489.0	43.7	8.8	52.5	54(note3)	-1.5	PK
			H	17232.0	28.1	13.9	42.0	54	-12.0	AV
H			17235.0	42.6	13.8	56.4	74	-17.6	PK	
V			11487.0	38.0	8.6	46.6	54	-7.4	AV	
V			11489.0	47.8	8.7	56.5	74	-17.5	PK	
V			17226.5	39.8	13.9	53.7	54(note3)	-0.3	PK	
157		H	11565.5	41.9	9.0	50.9	54(note3)	-3.1	PK	
		H	17354.0	39.9	13.9	53.8	54(note3)	-0.2	PK	
		V	11565.5	43.7	8.9	52.6	54(note3)	-1.4	PK	
		V	17354.0	39.2	14.0	53.2	54(note3)	-0.8	PK	
165		H	11650.5	42.5	8.9	51.4	54(note3)	-2.6	PK	
		H	17481.5	38.9	13.9	52.8	54(note3)	-1.2	PK	
		V	11642.0	43.9	8.8	52.7	54(note3)	-1.3	PK	
		V	17473.0	36.2	14.0	50.2	54(note3)	-3.8	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 (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	
Ant 0	1	H	4825.0	51.9	-7.1	44.8	54(note3)	-9.2	PK	
		H	7230.5	52.5	-1.8	50.7	54(note3)	-3.3	PK	
		H	9648.0	34.5	4.3	38.8	54(note3)	-15.2	PK	
		V	4825.0	49.8	-7.2	42.6	54(note3)	-11.4	PK	
		V	7230.5	46.6	-1.8	44.8	54(note3)	-9.2	PK	
		V	9748.0	35.4	4.6	40.0	54(note3)	-14.0	PK	
	6	H	4876.0	54.4	-7.0	47.4	54(note3)	-6.6	PK	
		H	7311.4	41.0	-1.6	39.4	54	-14.6	AV	
		H	7315.5	57.4	-1.6	55.8	74	-18.2	PK	
		H	9748.0	35.4	4.5	39.9	54(note3)	-14.1	PK	
		V	4876.0	54.0	-7.0	47.0	54(note3)	-7.0	PK	
		V	7307.0	49.8	-1.6	48.2	54(note3)	-5.8	PK	
	11	V	9748.0	35.2	4.6	39.8	54(note3)	-14.2	PK	
		H	4927.0	52.1	-7.1	45.0	54(note3)	-9.0	PK	
		H	7383.5	48.6	-1.3	47.3	54(note3)	-6.7	PK	
		H	9848.0	35.6	4.9	40.5	54(note3)	-13.5	PK	
		V	4918.5	53.9	-7.0	46.9	54(note3)	-7.1	PK	
		V	7383.5	47.2	-1.3	45.9	54(note3)	-8.1	PK	
	149	V	9848.0	34.9	5.0	39.9	54(note3)	-14.1	PK	
		H	11489.0	39.4	8.8	48.2	54(note3)	-5.8	PK	
		H	17232.0	28.2	13.9	42.1	54	-11.9	AV	
		H	17243.5	42.0	13.9	55.9	74	-18.1	PK	
		V	11489.0	41.4	8.7	50.1	54(note3)	-3.9	PK	
	157	V	17226.5	38.1	13.9	52.0	54(note3)	-2.0	PK	
		H	11574.0	38.4	9.0	47.4	54(note3)	-6.6	PK	
		V	11574.0	41.9	8.9	50.8	54(note3)	-3.2	PK	
			H	17354.0	39.5	13.9	53.4	54(note3)	-0.6	PK

	165	V	17354.0	38.6	14.0	52.6	54(note3)	-1.4	PK
		H	11642.0	38.9	8.9	47.8	54(note3)	-6.2	PK
		H	17464.5	38.3	13.9	52.2	54(note3)	-1.8	PK
		V	11650.5	42.1	8.8	50.9	54(note3)	-3.1	PK
		V	17475.0	34.0	14.0	48.0	54(note3)	-6.0	PK
Ant 1	1	H	4816.5	55.2	-7.1	48.1	54(note3)	-5.9	PK
		H	7236.0	44.6	-1.7	42.9	54(note3)	-11.1	PK
		H	9648.0	34.6	4.3	38.9	54(note3)	-15.1	PK
		V	4816.5	50.7	-7.2	43.5	54(note3)	-10.5	PK
		V	7236.0	41.4	-1.8	39.6	54(note3)	-14.4	PK
		V	9648.0	34.9	4.4	39.3	54(note3)	-14.7	PK
	6	H	4876.0	56.3	-7.0	49.3	54(note3)	-4.7	PK
		H	7315.5	49.1	-1.6	47.5	54(note3)	-6.5	PK
		H	9748.0	35.1	4.5	39.6	54(note3)	-14.4	PK
		V	4876.0	52.6	-7.0	45.6	54(note3)	-8.4	PK
		V	7315.5	45.0	-1.6	43.4	54(note3)	-10.6	PK
		V	9748.0	35.2	4.6	39.8	54(note3)	-14.2	PK
	11	H	4927.0	51.6	-7.1	44.5	54(note3)	-9.5	PK
		H	7383.5	45.1	-1.3	43.8	54(note3)	-10.2	PK
		H	9848.0	36.7	4.9	41.6	54(note3)	-12.4	PK
		V	4918.5	48.1	-7.0	41.1	54(note3)	-12.9	PK
		V	7386.0	41.1	-1.3	39.8	54(note3)	-14.2	PK
		V	9848.0	35.5	5.0	40.5	54(note3)	-13.5	PK
	149	H	11487.0	39.2	8.8	48.0	54(note3)	-6.0	PK
		H	17243.5	42.0	13.9	55.9	54(note3)	1.9	PK
		V	11489.0	42.9	8.7	51.6	54(note3)	-2.4	PK
		V	17235.0	36.9	13.9	50.8	54(note3)	-3.2	PK
	157	H	11565.5	38.7	9.0	47.7	54(note3)	-6.3	PK
		H	17345.5	37.8	13.9	51.7	54(note3)	-2.3	PK
		V	11565.5	44.0	8.9	52.9	54(note3)	-1.1	PK
		V	17355.0	34.9	14.0	48.9	54(note3)	-5.1	PK
	165	H	11650.5	41.6	8.9	50.5	54(note3)	-3.5	PK
		H	17473.0	38.0	13.9	51.9	54(note3)	-2.1	PK
		V	11650.5	44.7	8.8	53.5	54(note3)	-0.5	PK
		V	17475.0	34.8	14.0	48.8	54(note3)	-5.2	PK
Ant 2	149	H	11489.0	43.0	8.8	51.8	54(note3)	-2.2	PK
		H	17243.5	42.7	13.9	56.6	74	-17.4	PK

Ant 0+1	157	H	17246.0	31.6	14.1	45.7	54	-8.3	AV	
		V	11489.0	46.7	8.7	55.4	74	-18.6	PK	
		V	11487.0	37.9	8.6	46.5	54	-7.5	AV	
		V	17243.5	39.3	14.0	53.3	54(note3)	-0.7	PK	
	157	H	11565.5	43.9	9.0	52.9	54(note3)	-1.1	PK	
		H	17362.5	38.7	13.8	52.5	54(note3)	-1.5	PK	
		V	11565.5	44.2	8.9	53.1	54(note3)	-0.9	PK	
		V	17345.5	38.8	14.0	52.8	54(note3)	-1.2	PK	
	165	H	11574.0	41.8	9.0	50.8	54(note3)	-3.2	PK	
		H	17354.0	39.1	13.9	53.0	54(note3)	-1.0	PK	
		V	11574.0	44.7	8.9	53.6	54(note3)	-0.4	PK	
		V	17345.5	38.8	14.0	52.8	54(note3)	-1.2	PK	
	1	1	H	4825.0	54.2	-7.1	47.1	54(note3)	-6.9	PK
			H	7239.0	54.4	-1.7	52.7	54(note3)	-1.3	PK
			H	9648.0	34.5	4.3	38.8	54(note3)	-15.2	PK
			V	4825.0	51.2	-7.2	44.0	54(note3)	-10.0	PK
V			7230.5	45.8	-1.8	44.0	54(note3)	-10.0	PK	
V			9648.0	34.9	4.4	39.3	54(note3)	-14.7	PK	
6		H	4867.5	54.3	-7.0	47.3	54(note3)	-6.7	PK	
		H	7315.5	51.2	-1.6	49.6	54(note3)	-4.4	PK	
		H	9748.0	35.5	4.5	40.0	54(note3)	-14.0	PK	
		V	4876.0	52.4	-7.0	45.4	54(note3)	-8.6	PK	
		V	7307.0	45.3	-1.6	43.7	54(note3)	-10.3	PK	
		V	9748.0	35.3	4.6	39.9	54(note3)	-14.1	PK	
11		H	4927.0	53.4	-7.1	46.3	54(note3)	-7.7	PK	
		H	7383.5	48.3	-1.3	47.0	54(note3)	-7.0	PK	
		H	9848.0	36.4	4.9	41.3	54(note3)	-12.7	PK	
		V	4927.0	54.0	-7.0	47.0	54(note3)	-7.0	PK	
		V	7386.0	43.6	-1.3	42.3	54(note3)	-11.7	PK	
		V	9848.0	37.7	5.0	42.7	54(note3)	-11.3	PK	
149	H	11489.0	38.3	8.8	47.1	54(note3)	-6.9	PK		
	H	17235.0	38.9	13.8	52.7	54(note3)	-1.3	PK		
	V	11489.0	41.6	8.7	50.3	54(note3)	-3.7	PK		
	V	17235.0	37.0	13.9	50.9	54(note3)	-3.1	PK		
157	H	11565.5	40.9	9.0	49.9	54(note3)	-4.1	PK		
	H	17345.5	37.6	13.9	51.5	54(note3)	-2.5	PK		
	V	11565.5	43.5	8.9	52.4	54(note3)	-1.6	PK		

	165	V	17355.0	35.2	14.0	49.2	54(note3)	-4.8	PK
		H	11650.5	39.0	8.9	47.9	54(note3)	-6.1	PK
		H	17475.0	35.2	13.9	49.1	54(note3)	-4.9	PK
		V	11642.0	42.9	8.8	51.7	54(note3)	-2.3	PK
		V	17475.0	33.7	14.0	47.7	54(note3)	-6.3	PK
Ant 1+2	149	H	11489.0	39.6	8.8	48.4	54(note3)	-5.6	PK
		H	17235.0	39.5	13.8	53.3	54(note3)	-0.7	PK
		V	11489.0	44.7	8.7	53.4	54(note3)	-0.6	PK
		V	17235.0	36.3	13.9	50.2	54(note3)	-3.8	PK
	157	H	11574.0	38.8	9.0	47.8	54(note3)	-6.2	PK
		H	17355.0	35.1	13.9	49.0	54(note3)	-5.0	PK
		V	11565.5	44.2	8.9	53.1	54(note3)	-0.9	PK
		V	17355.0	35.3	14.0	49.3	54(note3)	-4.7	PK
	165	H	11650.5	39.3	8.9	48.2	54(note3)	-5.8	PK
		H	17473.0	37.0	13.9	50.9	54(note3)	-3.1	PK
		V	11650.5	43.4	8.8	52.2	54(note3)	-1.8	PK
		V	17475.0	35.0	14.0	49.0	54(note3)	-5.0	PK
Ant 0+2	149	H	11497.5	37.9	8.8	46.7	54(note3)	-7.3	PK
		H	17235.0	37.7	13.8	51.5	54(note3)	-2.5	PK
		V	11489.0	42.6	8.7	51.3	54(note3)	-2.7	PK
		V	17235.0	35.2	13.9	49.1	54(note3)	-4.9	PK
	157	H	11574.0	38.4	9.0	47.4	54(note3)	-6.6	PK
		H	17355.0	34.9	13.9	48.8	54(note3)	-5.2	PK
		V	11574.0	41.2	8.9	50.1	54(note3)	-3.9	PK
		V	17355.0	35.2	14.0	49.2	54(note3)	-4.8	PK
	165	H	11642.0	38.7	8.9	47.6	54(note3)	-6.4	PK
		H	17475.0	34.5	13.9	48.4	54(note3)	-5.6	PK
		V	11650.5	42.6	8.8	51.4	54(note3)	-2.6	PK
		V	17475.0	33.8	14.0	47.8	54(note3)	-6.2	PK
Ant 0+1+2	149	H	11489.0	39.3	8.8	48.1	54(note3)	-5.9	PK
		H	17235.0	37.3	13.8	51.1	54(note3)	-2.9	PK
		V	11489.0	44.2	8.7	52.9	54(note3)	-1.1	PK
		V	17226.5	37.4	13.9	51.3	54(note3)	-2.7	PK
	157	H	11574.0	40.1	9.0	49.1	54(note3)	-4.9	PK
		H	17355.0	35.3	13.9	49.2	54(note3)	-4.8	PK
		V	11574.0	41.9	8.9	50.8	54(note3)	-3.2	PK
		V	17355.0	34.9	14.0	48.9	54(note3)	-5.1	PK



	165	H	11650.5	38.7	8.9	47.6	54(note3)	-6.4	PK
		H	17475.0	34.3	13.9	48.2	54(note3)	-5.8	PK
		V	11642.0	42.2	8.8	51.0	54(note3)	-3.0	PK
		V	17475.0	33.3	14.0	47.3	54(note3)	-6.7	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.

Mode5: Transmit by 802.11ac(20MHz)

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	
Ant 0	149	H	11489.0	40.8	8.8	49.6	54(note3)	-4.4	PK	
		H	17239.0	27.0	13.9	40.9	54	-13.1	AV	
		H	17243.5	44.0	13.9	57.9	74	-16.1	PK	
		V	11497.5	43.8	8.7	52.5	54(note3)	-1.5	PK	
		V	17235.0	41.3	13.9	55.2	74	-18.8	PK	
		V	17235.0	26.5	13.9	40.4	54	-13.6	AV	
	157	H	11565.5	41.5	9.0	50.5	54(note3)	-3.5	PK	
		H	17354.0	40.8	13.9	54.7	74	-19.3	PK	
		H	17355.1	26.1	13.9	40.0	54	-14.0	AV	
		V	11557.0	42.1	8.8	50.9	54(note3)	-3.1	PK	
		V	17345.4	26.3	14.0	40.3	54	-13.7	AV	
		V	17345.5	40.9	14.0	54.9	74	-19.1	PK	
	165	H	11642.0	42.8	8.9	51.7	54(note3)	-2.3	PK	
		H	17475.0	27.1	13.9	41.0	54	-13.0	AV	
		H	17481.5	41.2	13.9	55.1	74	-18.9	PK	
		V	11642.0	41.3	8.8	50.1	54(note3)	-3.9	PK	
		V	17475.0	34.5	14.0	48.5	54(note3)	-5.5	PK	
	Ant 1	149	H	11489.0	42.9	8.8	51.7	74	-22.3	PK
			H	17235.0	28.6	13.8	42.4	54	-11.6	AV
			H	17243.5	43.3	13.9	57.2	74	-16.8	PK
			V	11490.8	33.3	8.7	42.0	54	-12.0	AV

		V	11497.5	46.2	8.7	54.9	54(note3)	0.9	PK	
		V	17235.0	38.9	13.9	52.8	54(note3)	-1.2	PK	
	157	H	11574.0	44.6	9.0	53.6	54(note3)	-0.4	PK	
		H	17354.0	39.3	13.9	53.2	54(note3)	-0.8	PK	
		V	11565.5	44.6	8.9	53.5	54(note3)	-0.5	PK	
		V	17345.5	36.5	14.0	50.5	54(note3)	-3.5	PK	
	165	H	11650.5	43.9	8.9	52.8	54(note3)	-1.2	PK	
		H	17473.0	37.2	13.9	51.1	54(note3)	-2.9	PK	
		V	11650.0	38.7	8.8	47.5	54	-6.5	AV	
		V	11650.5	46.5	8.8	55.3	74	-18.7	PK	
		V	17473.0	35.9	14.0	49.9	54(note3)	-4.1	PK	
	Ant 2	149	H	11480.5	48.0	8.7	56.7	74	-17.3	PK
			H	11490.0	39.5	8.8	48.3	54	-5.7	AV
			H	17226.5	46.2	13.9	60.1	74	-13.9	PK
			H	17235.3	30.6	13.8	44.4	54	-9.6	AV
V			11489.0	49.0	8.7	57.7	74	-16.3	PK	
V			11490.4	37.4	8.7	46.1	54	-7.9	AV	
V			17226.5	32.6	13.9	46.5	54	-7.5	AV	
V			17226.5	43.3	13.9	57.2	74	-16.8	PK	
157		H	11570.3	34.6	9.0	43.6	54	-10.4	AV	
		H	11574.0	46.0	9.0	55.0	74	-19.0	PK	
		H	17354.0	42.2	13.9	56.1	74	-17.9	PK	
		H	17355.7	31.9	13.9	45.8	54	-8.2	AV	
		V	11570.1	34.7	8.9	43.6	54	-10.4	AV	
		V	11574.0	46.5	8.9	55.4	74	-18.6	PK	
		V	17345.5	39.9	14.0	53.9	54(note3)	-0.1	PK	
165		H	11650.1	35.8	8.9	44.7	54	-9.3	AV	
		H	11650.5	47.0	8.9	55.9	74	-18.1	PK	
		H	17473.0	40.2	13.9	54.1	74	-19.9	PK	
		H	17474.8	28.6	13.9	42.5	54	-11.5	AV	
		V	11650.0	34.5	8.8	43.3	54	-10.7	AV	
		V	11650.5	45.2	8.8	54.0	74	-20.0	PK	
		V	17473.0	40.6	14.0	54.6	74	-19.4	PK	
		V	17475.1	28.4	14.0	42.4	54	-11.6	AV	
Ant 0+1		149	H	11480.5	42.3	8.7	51.0	54(note3)	-3.0	PK
			H	17235.0	46.9	13.8	60.7	74	-13.3	PK
			H	17235.4	30.4	13.8	44.2	54	-9.8	AV

		V	11489.0	45.7	8.7	54.4	74	-19.6	PK		
		V	11489.5	32.2	8.7	40.9	54	-13.1	AV		
		V	17235.1	30.5	13.9	44.4	54	-9.6	AV		
		V	17243.5	43.0	14.0	57.0	74	-17.0	PK		
	157		H	11565.5	42.7	9.0	51.7	54(note3)	-2.3	PK	
			H	17354.0	43.2	13.9	57.1	74	-16.9	PK	
			H	17355.2	31.1	13.9	45.0	54	-9.0	AV	
			V	11565.5	46.8	8.9	55.7	74	-18.3	PK	
			V	11570.3	33.5	8.9	42.4	54	-11.6	AV	
			V	17345.5	40.0	14.0	54.0	74	-20.0	PK	
			V	17355.2	31.5	14.0	45.5	54	-8.5	PK	
	165		H	11649.5	34.4	8.9	43.3	54	-10.7	PK	
			H	11659.0	45.6	8.9	54.5	74	-19.5	PK	
			H	17473.0	40.2	13.9	54.1	74	-19.9	PK	
			H	17475.1	31.6	13.9	45.5	54	-8.5	AV	
			V	11650.4	34.2	8.8	43.0	54	-11.0	AV	
			V	11650.5	46.9	8.8	55.7	54(note3)	1.7	PK	
			V	17490.0	38.4	14.0	52.4	54(note3)	-1.6	PK	
	Ant 1+2	149		H	11489.0	42.7	8.8	51.5	54(note3)	-2.5	PK
				H	17226.5	42.2	13.9	56.1	74	-17.9	PK
				H	17235.3	29.3	13.8	43.1	54	-10.9	AV
V				11489.0	49.2	8.7	57.9	74	-16.1	PK	
V				11490.1	33.4	8.7	42.1	54	-11.9	AV	
V				17235.0	41.6	13.9	55.5	74	-18.5	PK	
V				17235.0	30.6	13.9	44.5	54	-9.5	AV	
157			H	11565.5	41.8	9.0	50.8	54(note3)	-3.2	PK	
			H	17345.5	41.3	13.9	55.2	74	-18.8	PK	
			H	17355.2	31.6	13.9	45.5	54	-8.5	AV	
			V	11565.5	47.6	8.9	56.5	74	-17.5	PK	
			V	11570.1	33.6	8.9	42.5	54	-11.5	AV	
			V	17354.0	39.2	14.0	53.2	54(note3)	-0.8	PK	
165			H	11642.0	42.9	8.9	51.8	54(note3)	-2.2	PK	
			H	17473.0	38.3	13.9	52.2	54(note3)	-1.8	PK	
			V	11650.3	32.6	8.8	41.4	54	-12.6	AV	
			V	11650.5	46.3	8.8	55.1	74	-18.9	PK	
			V	17473.0	36.2	14.0	50.2	54(note3)	-3.8	PK	
Ant		149	H	11497.5	41.0	8.8	49.8	54(note3)	-4.2	PK	

0+2		H	17226.5	40.4	13.9	54.3	74	-19.7	PK	
		H	17235.6	29.9	13.8	43.7	54	-10.3	AV	
		V	11489.0	45.9	8.7	54.6	74	-19.4	PK	
		V	11490.1	32.6	8.7	41.3	54	-12.7	AV	
		V	17235.0	39.9	13.9	53.8	54(note3)	-0.2	PK	
	157	H	11565.5	42.3	9.0	51.3	54(note3)	-2.7	PK	
		H	17362.5	38.6	13.8	52.4	54(note3)	-1.6	PK	
		V	11574.0	43.6	8.9	52.5	54(note3)	-1.5	PK	
		V	17354.0	37.0	14.0	51.0	54(note3)	-3.0	PK	
	165	H	11642.0	41.1	8.9	50.0	54(note3)	-4.0	PK	
		H	17473.0	38.2	13.9	52.1	54(note3)	-1.9	PK	
		V	11659.0	45.1	8.8	53.9	54(note3)	-0.1	PK	
		V	17473.0	36.2	14.0	50.2	54(note3)	-3.8	PK	
	Ant 0+1+2	149	H	11497.5	43.3	8.8	52.1	54(note3)	-1.9	PK
			H	17235.0	42.1	13.8	55.9	74	-18.1	PK
			H	17235.0	30.1	13.8	43.9	54	-10.1	AV
V			11490.0	34.3	8.7	43.0	54	-11.0	AV	
V			11497.5	47.1	8.7	55.8	74	-18.2	PK	
V			17235.0	39.2	13.9	53.1	54(note3)	-0.9	PK	
157		H	11565.5	41.5	9.0	50.5	54(note3)	-3.5	PK	
		H	17345.5	39.7	13.9	53.6	54(note3)	-0.4	PK	
		V	11570.2	34.1	8.9	43.0	54	-11.0	AV	
		V	11582.5	48.4	8.9	57.3	74	-16.7	PK	
		V	17345.5	39.7	14.0	53.7	54(note3)	-0.3	PK	
165		H	11650.5	42.0	8.9	50.9	54(note3)	-3.1	PK	
		H	17473.0	38.7	13.9	52.6	54(note3)	-1.4	PK	
		V	11650.5	34.6	8.8	43.4	54	-10.6	AV	
		V	11659.0	47.6	8.8	56.4	74	-17.6	PK	
		V	17473.0	37.0	14.0	51.0	54(note3)	-3.0	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 0	3	H	4842.0	48.4	-7.0	41.4	54(note3)	-12.6	PK
		H	7281.5	44.5	-1.6	42.9	54(note3)	-11.1	PK
		H	9688.0	35.1	4.5	39.6	54(note3)	-14.4	PK
		V	4844.0	45.1	-7.1	38.0	54(note3)	-16.0	PK
		V	7266.0	41.2	-1.7	39.5	54(note3)	-14.5	PK
		V	9688.0	35.1	4.5	39.6	54(note3)	-14.4	PK
	6	H	4876.0	49.8	-7.0	42.8	54(note3)	-11.2	PK
		H	7315.5	46.9	-1.6	45.3	54(note3)	-8.7	PK
		H	9748.0	36.3	4.5	40.8	54(note3)	-13.2	PK
		V	4876.0	47.7	-7.0	40.7	54(note3)	-13.3	PK
		V	7307.0	44.9	-1.6	43.3	54(note3)	-10.7	PK
		V	9748.0	35.3	4.6	39.9	54(note3)	-14.1	PK
	9	H	4904.0	44.9	-7.1	37.8	54(note3)	-16.2	PK
		H	7356.0	42.3	-1.4	40.9	54(note3)	-13.1	PK
		H	9808.0	36.2	4.8	41.0	54(note3)	-13.0	PK
		V	4904.0	43.8	-7.0	36.8	54(note3)	-17.2	PK
		V	7356.0	42.2	-1.4	40.8	54(note3)	-13.2	PK
		V	9808.0	36.6	4.9	41.5	54(note3)	-12.5	PK
	151	H	11514.5	37.3	8.8	46.1	54(note3)	-7.9	PK
		H	17260.5	38.7	13.9	52.6	54(note3)	-1.4	PK
		V	11514.5	39.1	8.7	47.8	54(note3)	-6.2	PK
		V	17260.5	36.6	14.0	50.6	54(note3)	-3.4	PK
	159	H	11590.0	35.9	9.0	44.9	54(note3)	-9.1	PK
		H	17385.0	37.2	13.9	51.1	54(note3)	-2.9	PK
V		11582.5	41.0	8.9	49.9	54(note3)	-4.1	PK	
V		17385.0	35.0	14.0	49.0	54(note3)	-5.0	PK	
Ant 1	3	H	4844.0	46.6	-7.0	39.6	54(note3)	-14.4	PK
		H	7266.0	40.8	-1.7	39.1	54(note3)	-14.9	PK
		H	9688.0	34.6	4.5	39.1	54(note3)	-14.9	PK
		V	4844.0	44.8	-7.1	37.7	54(note3)	-16.3	PK
		V	7266.0	40.4	-1.7	38.7	54(note3)	-15.3	PK
		V	9688.0	36.2	4.5	40.7	54(note3)	-13.3	PK
	H	4874.0	47.9	-7.0	40.9	54(note3)	-13.1	PK	

	6	H	7311.0	43.1	-1.6	41.5	54(note3)	-12.5	PK
		H	9748.0	35.3	4.5	39.8	54(note3)	-14.2	PK
		V	4874.0	44.5	-7.0	37.5	54(note3)	-16.5	PK
		V	7311.0	42.4	-1.6	40.8	54(note3)	-13.2	PK
		V	9748.0	35.1	4.6	39.7	54(note3)	-14.3	PK
	9	H	4904.0	45.1	-7.1	38.0	54(note3)	-16.0	PK
		H	7356.0	43.2	-1.4	41.8	54(note3)	-12.2	PK
		H	9808.0	36.2	4.8	41.0	54(note3)	-13.0	PK
		V	4904.0	45.0	-7.0	38.0	54(note3)	-16.0	PK
		V	7356.0	42.3	-1.4	40.9	54(note3)	-13.1	PK
	151	V	9808.0	36.9	4.9	41.8	54(note3)	-12.2	PK
		H	11506.0	38.0	8.8	46.8	54(note3)	-7.2	PK
		H	17277.5	36.8	13.9	50.7	54(note3)	-3.3	PK
		V	11514.5	41.4	8.7	50.1	54(note3)	-3.9	PK
	159	V	17243.5	36.3	14.0	50.3	54(note3)	-3.7	PK
		H	11599.5	37.7	9.0	46.7	54(note3)	-7.3	PK
H		17385.0	34.3	13.9	48.2	54(note3)	-5.8	PK	
V		11582.5	41.9	8.9	50.8	54(note3)	-3.2	PK	
Ant 2	151	V	17385.0	34.9	14.0	48.9	54(note3)	-5.1	PK
		H	11514.5	41.3	8.8	50.1	54(note3)	-3.9	PK
		H	17258.0	32.1	13.9	46.0	54	-8.0	AV
		H	17260.5	41.0	13.9	54.9	74	-19.1	PK
		V	11506.0	44.1	8.7	52.8	54(note3)	-1.2	PK
	159	V	17269.0	38.2	14.0	52.2	54(note3)	-1.8	PK
		H	11591.0	40.3	9.0	49.3	54(note3)	-4.7	PK
		H	17385.0	36.3	13.9	50.2	54(note3)	-3.8	PK
Ant 0+1	3	V	11582.5	41.8	8.9	50.7	54(note3)	-3.3	PK
		V	17388.0	37.7	14.0	51.7	54(note3)	-2.3	PK
		H	4844.0	44.9	-7.0	37.9	54(note3)	-16.1	PK
		H	7266.0	40.5	-1.7	38.8	54(note3)	-15.2	PK
		H	9688.0	34.3	4.5	38.8	54(note3)	-15.2	PK
		V	4844.0	44.4	-7.1	37.3	54(note3)	-16.7	PK
	6	V	7266.0	40.5	-1.7	38.8	54(note3)	-15.2	PK
		V	9688.0	34.7	4.5	39.2	54(note3)	-14.8	PK
		H	4876.0	53.1	-7.0	46.1	54(note3)	-7.9	PK
6	H	7315.5	47.3	-1.6	45.7	54(note3)	-8.3	PK	
	H	9748.0	35.4	4.5	39.9	54(note3)	-14.1	PK	

	V	4893.0	50.0	-7.0	43.0	54(note3)	-11.0	PK	
		7332.5	44.5	-1.5	43.0	54(note3)	-11.0	PK	
		9748.0	36.1	4.6	40.7	54(note3)	-13.3	PK	
	9	H	4904.0	46.4	-7.1	39.3	54(note3)	-14.7	PK
			7356.0	42.6	-1.4	41.2	54(note3)	-12.8	PK
			9808.0	36.6	4.8	41.4	54(note3)	-12.6	PK
		V	4904.0	44.7	-7.0	37.7	54(note3)	-16.3	PK
			7356.0	41.6	-1.4	40.2	54(note3)	-13.8	PK
			9808.0	36.8	4.9	41.7	54(note3)	-12.3	PK
	151	H	11523.0	38.9	8.9	47.8	54(note3)	-6.2	PK
			17252.0	37.7	13.9	51.6	54(note3)	-2.4	PK
		V	11506.0	40.5	8.7	49.2	54(note3)	-4.8	PK
			17265.0	36.1	14.0	50.1	54(note3)	-3.9	PK
	159	H	11599.5	38.6	9.0	47.6	54(note3)	-6.4	PK
			17385.0	35.3	13.9	49.2	54(note3)	-4.8	PK
V		11591.0	42.2	8.9	51.1	54(note3)	-2.9	PK	
		17379.5	36.2	13.9	50.1	54(note3)	-3.9	PK	
Ant 1+2	151	H	11514.5	39.4	8.8	48.2	54(note3)	-5.8	PK
		H	17260.5	39.6	13.9	53.5	54(note3)	-0.5	PK
		V	11506.0	41.6	8.7	50.3	54(note3)	-3.7	PK
		V	17269.0	37.0	14.0	51.0	54(note3)	-3.0	PK
	159	H	11582.5	37.6	9.0	46.6	54(note3)	-7.4	PK
		H	17385.0	35.7	13.9	49.6	54(note3)	-4.4	PK
		V	11591.0	42.0	8.9	50.9	54(note3)	-3.1	PK
		V	17385.0	34.5	14.0	48.5	54(note3)	-5.5	PK
Ant 0+2	151	H	11514.5	37.8	8.8	46.6	54(note3)	-7.4	PK
		H	17265.0	35.7	13.9	49.6	54(note3)	-4.4	PK
		V	11506.0	41.8	8.7	50.5	54(note3)	-3.5	PK
		V	17265.0	35.1	14.0	49.1	54(note3)	-4.9	PK
	159	H	11599.5	37.2	9.0	46.2	54(note3)	-7.8	PK
		H	17379.5	36.2	13.8	50.0	54(note3)	-4.0	PK
		V	11599.5	43.0	8.9	51.9	54(note3)	-2.1	PK
		V	17260.5	36.4	14.0	50.4	54(note3)	-3.6	PK
Ant 0+1+2	151	H	11506.0	39.5	8.8	48.3	54(note3)	-5.7	PK
		H	17265.0	35.7	13.9	49.6	54(note3)	-4.4	PK
		V	11506.0	44.4	8.7	53.1	54(note3)	-0.9	PK
		V	17265.0	35.1	14.0	49.1	54(note3)	-4.9	PK

	159	H	11591.0	39.6	9.0	48.6	54(note3)	-5.4	PK
		H	17385.0	35.4	13.9	49.3	54(note3)	-4.7	PK
		V	11582.5	41.8	8.9	50.7	54(note3)	-3.3	PK
		V	17385.0	34.3	14.0	48.3	54(note3)	-5.7	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.

Mode7: Transmit by 802.11ac(40MHz)

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Ant 0	151	H	11506.0	38.5	8.8	47.3	54(note3)	-6.7	PK
		H	17265.0	26.0	13.9	39.9	54	-14.1	PK
		H	17269.0	40.4	13.9	54.3	74	-19.7	PK
		V	11506.0	39.8	8.7	48.5	54(note3)	-5.5	PK
		V	17260.5	38.6	14.0	52.6	54(note3)	-1.4	PK
	159	H	11599.5	38.4	9.0	47.4	54(note3)	-6.6	PK
		H	17385.0	26.8	13.9	40.7	54	-13.3	AV
		H	17388.0	41.7	13.9	55.6	74	-18.4	PK
		V	11591.0	41.7	8.9	50.6	54(note3)	-3.4	PK
		V	17371.0	37.1	13.9	51.0	54(note3)	-3.0	PK
Ant 1	151	H	11514.5	38.7	8.8	47.5	54(note3)	-6.5	PK
		H	17269.0	36.1	13.9	50.0	54(note3)	-4.0	PK
		V	11514.5	42.0	8.7	50.7	54(note3)	-3.3	PK
		V	17277.5	35.5	14.0	49.5	54(note3)	-4.5	PK
	159	H	11591.0	40.3	9.0	49.3	54(note3)	-4.7	PK
		H	17388.0	35.4	13.9	49.3	54(note3)	-4.7	PK
		V	11582.5	43.0	8.9	51.9	54(note3)	-2.1	PK
		V	17337.0	34.9	14.0	48.9	54(note3)	-5.1	PK
Ant 2	151	H	11489.0	42.4	8.8	51.2	54(note3)	-2.8	PK
		H	17265.4	30.1	13.9	44.0	54	-10.0	AV
		H	17269.0	42.9	13.9	56.8	74	-17.2	PK
		V	11506.0	45.5	8.7	54.2	74	-19.8	PK



		V	11510.6	32.1	8.7	40.8	54	-13.2	AV
		V	17265.2	27.5	14.0	41.5	54	-12.5	AV
		V	17269.0	40.4	14.0	54.4	74	-19.6	PK
	159	H	11591.0	44.5	9.0	53.5	54(note3)	-0.5	PK
		H	17354.0	39.7	13.9	53.6	54(note3)	-0.4	PK
		V	11608.0	43.9	8.9	52.8	54(note3)	-1.2	PK
		V	17385.4	28.4	14.0	42.4	54	-11.6	AV
	V	17405.0	41.4	13.9	55.3	74	-18.7	PK	
Ant 0+1	151	H	11497.5	40.4	8.8	49.2	54(note3)	-4.8	PK
		H	17252.0	41.4	13.9	55.3	74	-18.7	PK
		H	17265.3	32.6	13.9	46.5	54	-7.5	PK
		V	11523.0	44.2	8.8	53.0	54(note3)	-1.0	PK
		V	17252.0	40.4	14.0	54.4	74	-19.6	PK
		V	17265.2	30.4	14.0	44.4	54	-9.6	AV
	159	H	11591.0	38.9	9.0	47.9	54(note3)	-6.1	PK
		H	17379.5	40.0	13.8	53.8	54(note3)	-0.2	PK
		V	11591.0	41.0	8.9	49.9	54(note3)	-4.1	PK
		V	17379.5	37.4	13.9	51.3	54(note3)	-2.7	PK
Ant 1+2	151	H	11506.0	40.3	8.8	49.1	54(note3)	-4.9	PK
		H	17260.5	41.6	13.9	55.5	74	-18.5	PK
		H	17265.4	30.7	13.9	44.6	54	-9.4	AV
		V	11514.5	45.0	8.7	53.7	54(note3)	-0.3	PK
		V	17252.0	38.9	14.0	52.9	54(note3)	-1.1	PK
	159	H	11591.0	41.1	9.0	50.1	54(note3)	-3.9	PK
		H	17388.0	38.6	13.9	52.5	54(note3)	-1.5	PK
		V	11590.3	34.6	8.9	43.5	54	-10.5	AV
		V	11591.0	46.4	8.9	55.3	74	-18.7	PK
		V	17388.0	37.4	14.0	51.4	54(note3)	-2.6	PK
Ant 0+2	151	H	11523.0	40.9	8.9	49.8	54(note3)	-4.2	PK
		H	17243.5	37.5	13.9	51.4	54(note3)	-2.6	PK
		V	11510.0	34.6	8.7	43.3	54	-10.7	AV
		V	11514.5	45.4	8.7	54.1	74	-19.9	PK
		V	17252.0	37.7	14.0	51.7	54(note3)	-2.3	PK
	159	H	11591.0	41.0	9.0	50.0	54(note3)	-4.0	PK
		H	17379.5	36.6	13.8	50.4	54(note3)	-3.6	PK
		V	11591.0	44.3	8.9	53.2	54(note3)	-0.8	PK
		V	17388.0	36.5	14.0	50.5	54(note3)	-3.5	PK

Ant 0+1+2	151	H	11514.5	43.6	8.8	52.4	54(note3)	-1.6	PK
		H	17252.0	39.5	13.9	53.4	54(note3)	-0.6	PK
		V	11510.3	35.7	8.7	44.4	54	-9.6	AV
		V	11514.5	48.1	8.7	56.8	74	-17.2	PK
		V	17269.0	37.8	14.0	51.8	54(note3)	-2.2	PK
	159	H	11591.0	43.3	9.0	52.3	54(note3)	-1.7	PK
		H	17371.0	38.7	13.8	52.5	54(note3)	-1.5	PK
		V	11590.5	35.7	8.9	44.6	54	-9.4	AV
		V	11591.0	47.8	8.9	56.7	74	-17.3	PK
		V	17379.5	36.3	13.9	50.2	54(note3)	-3.8	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 (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Ant 0	155	H	11550.0	36.8	8.9	45.7	54(note3)	-8.3	PK
		H	17325.0	36.1	13.9	50.0	54(note3)	-4.0	PK
		V	11574.0	39.8	8.9	48.7	54(note3)	-5.3	PK
		V	17311.5	39.4	14.0	53.4	54(note3)	-0.6	PK
Ant 1	155	H	11531.5	38.0	8.9	46.9	54(note3)	-7.1	PK
		H	17325.0	34.6	13.9	48.5	54(note3)	-5.5	PK
		V	11557.0	40.5	8.8	49.3	54(note3)	-4.7	PK
		V	17325.0	33.8	14.0	47.8	54(note3)	-6.2	PK
Ant 2	155	H	11582.5	39.0	9.0	48.0	54(note3)	-6.0	PK
		H	17311.5	39.7	13.9	53.6	54(note3)	-0.4	PK
		V	11574.0	41.1	8.9	50.0	54(note3)	-4.0	PK
		V	17311.5	40.2	14.0	54.2	74	-19.8	PK
		V	17325.1	27.1	14.0	41.1	54	-12.9	AV
Ant 0+1	155	H	11574.0	36.7	9.0	45.7	54(note3)	-8.3	PK
		H	17328.5	37.3	13.9	51.2	54(note3)	-2.8	PK
		V	11565.5	40.4	8.9	49.3	54(note3)	-4.7	PK

		V	17294.5	35.9	14.0	49.9	54(note3)	-4.1	PK
Ant 1+2	155	H	11574.0	38.7	9.0	47.7	54(note3)	-6.3	PK
		H	17328.5	37.8	13.9	51.7	54(note3)	-2.3	PK
		V	11565.5	42.3	8.9	51.2	54(note3)	-2.8	PK
		V	17345.5	37.7	14.0	51.7	54(note3)	-2.3	PK
Ant 0+2	155	H	11574.0	38.1	9.0	47.1	54(note3)	-6.9	PK
		H	17328.5	36.4	13.9	50.3	54(note3)	-3.7	PK
		V	11565.5	41.6	8.9	50.5	54(note3)	-3.5	PK
		V	17311.5	35.9	14.0	49.9	54(note3)	-4.1	PK
Ant 0+1+2	155	H	11574.0	38.3	9.0	47.3	54(note3)	-6.7	PK
		H	17286.0	37.1	13.9	51.0	54(note3)	-3.0	PK
		V	11565.5	43.5	8.9	52.4	54(note3)	-1.6	PK
		V	17294.5	36.7	14.0	50.7	54(note3)	-3.3	PK

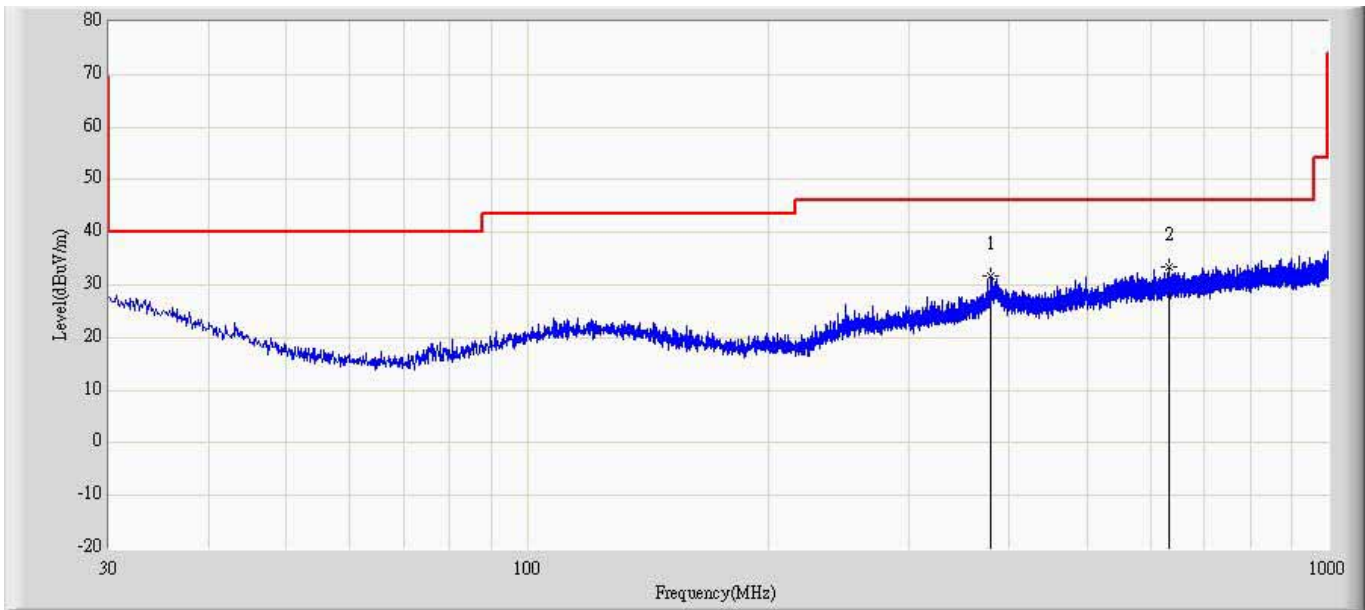
Note: 1. Measure Level = Reading Level + Factor.

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.

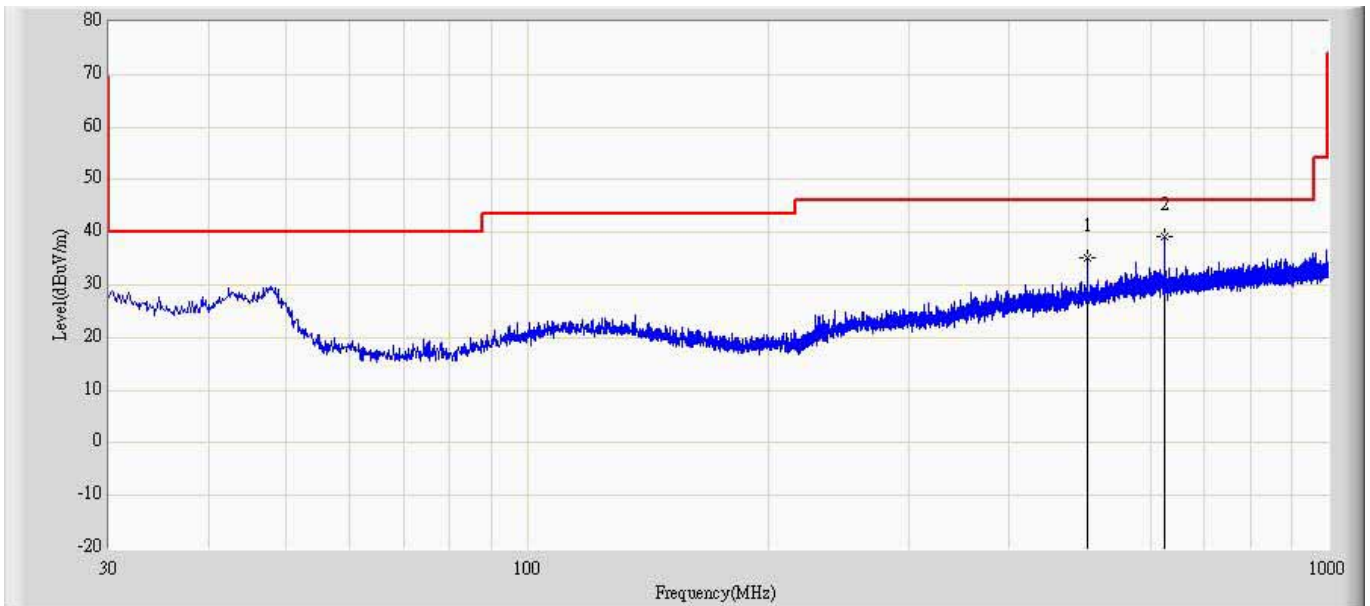
The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2013/09/22 - 21:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: CBL6112D_27611(30-1000MHz)	Polarity: Horizontal
EUT: Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD	Power: AC 120V/60Hz
Note: Mode2: Transmit at channel 2437MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (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: 2013/09/22 - 21:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: CBL6112D_27611(30-1000MHz)	Polarity: Vertical
EUT: Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD	Power: AC 120V/60Hz
Note: Mode2: Transmit at channel 2437MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (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

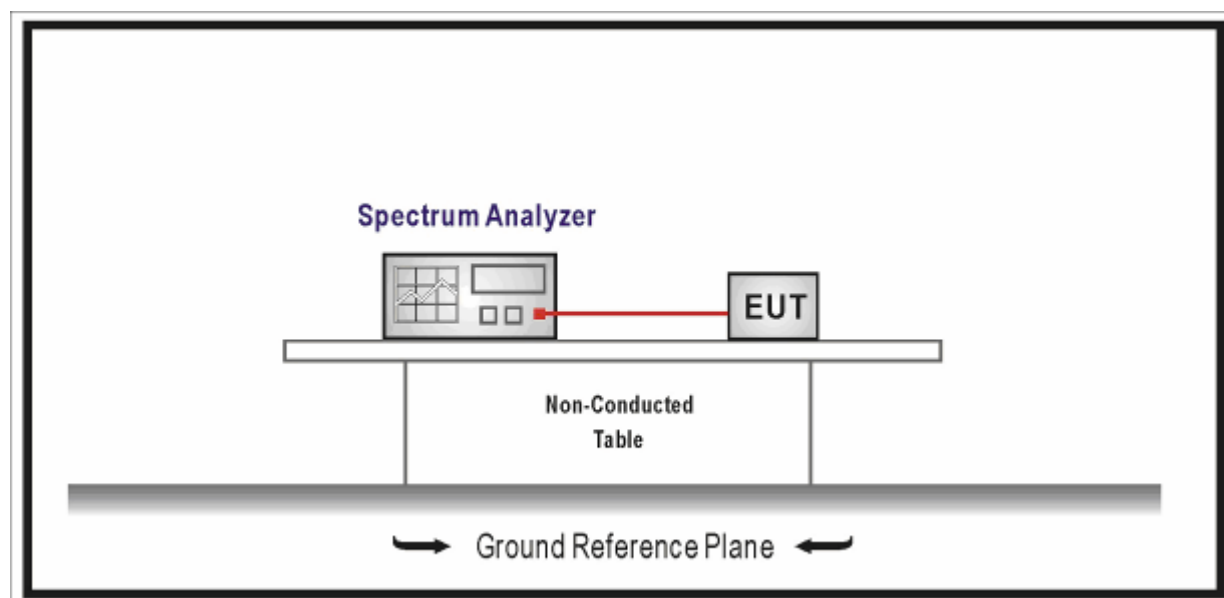
### 5.1. Test Equipment

RF Antenna Conducted Spurious / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2014.01.21
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2014.05.07

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.

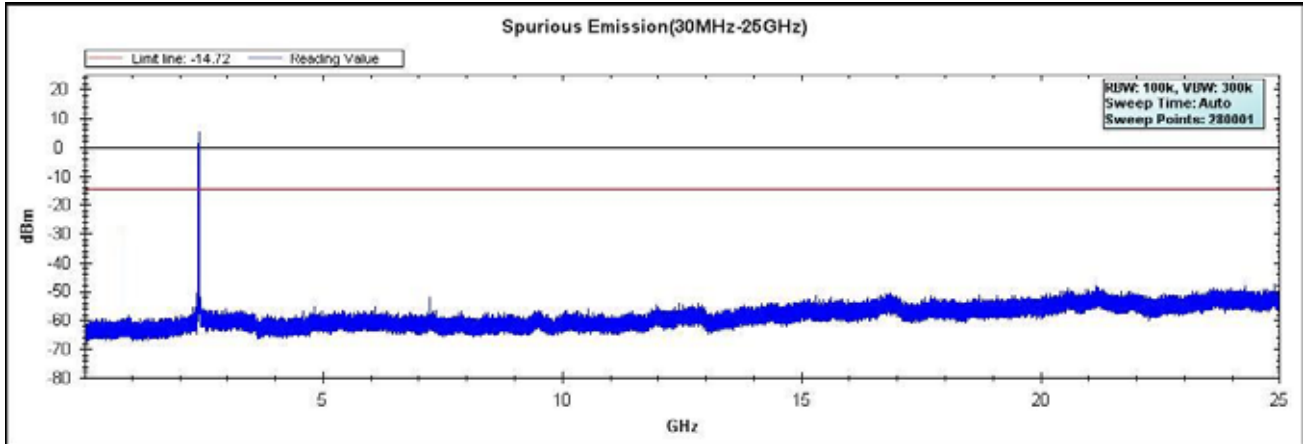
#### 5.5. Uncertainty

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

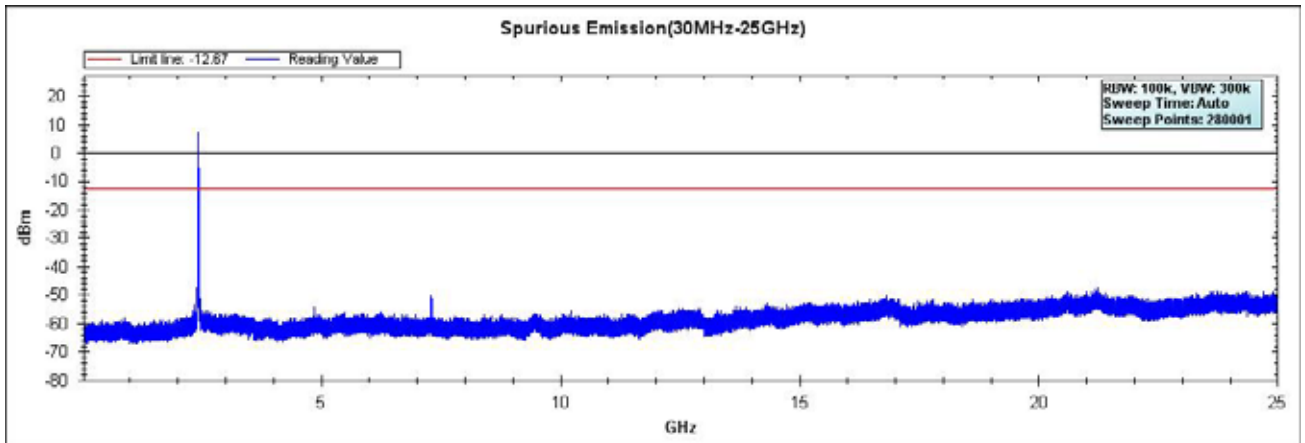
5.6. Test Result

Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 0)

Channel 01 (2412MHz)

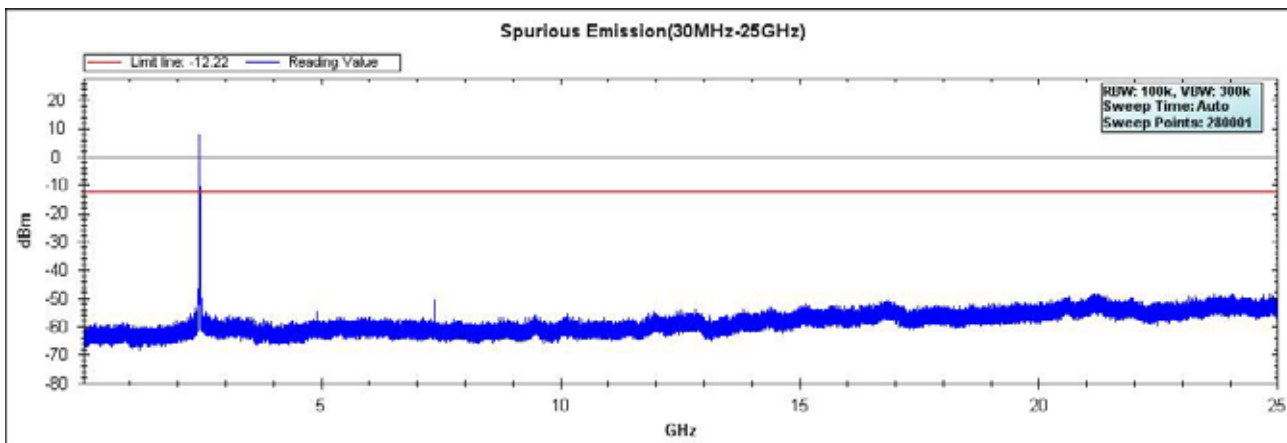


Channel 06 (2437MHz)



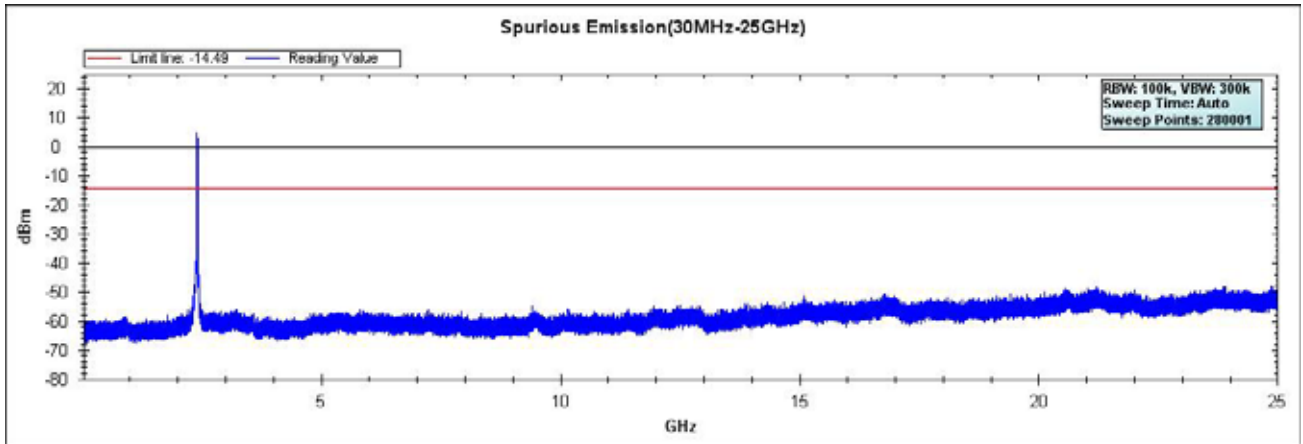


Channel 11 (2462MHz)

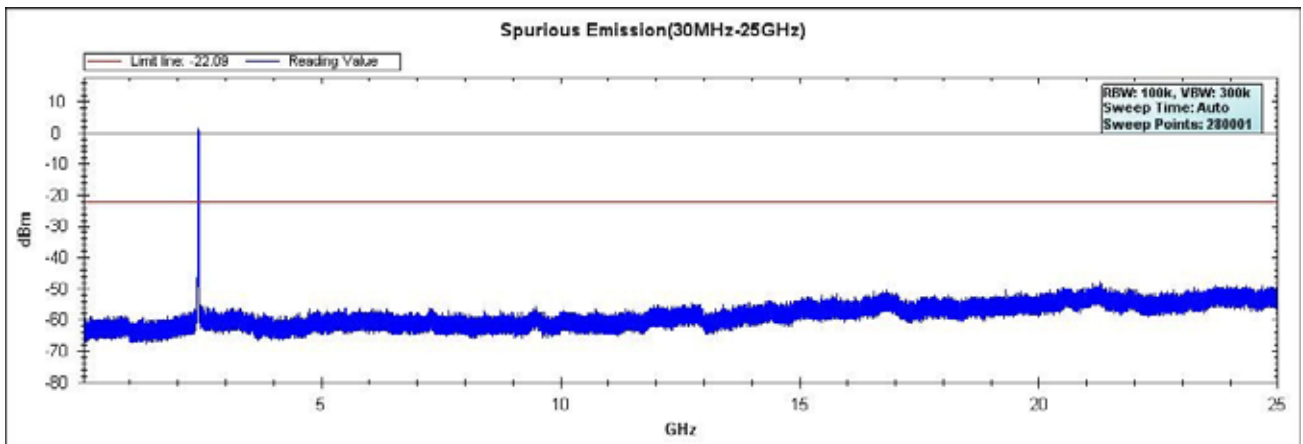


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 0)

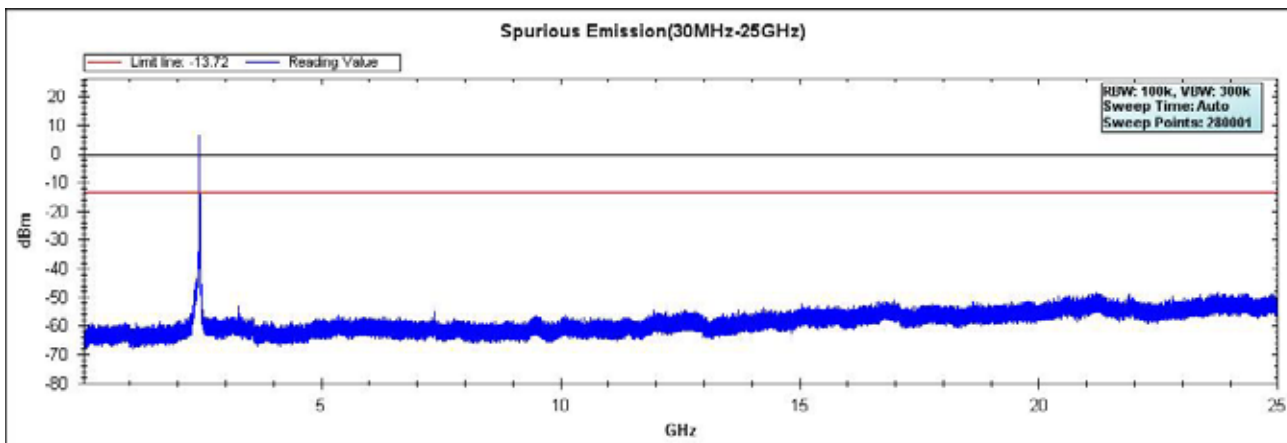
**Channel 01 (2412MHz)**



**Channel 06 (2437MHz)**

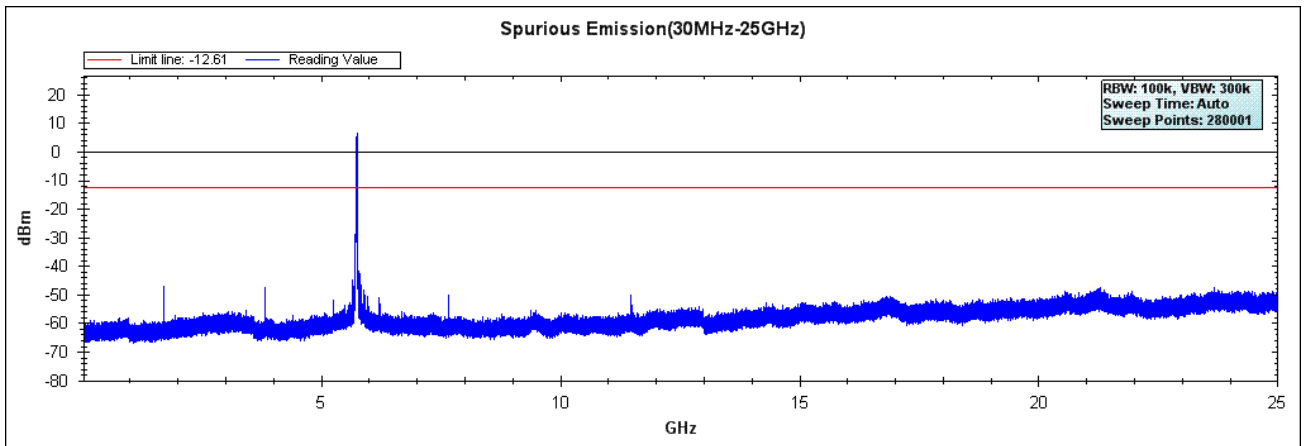


Channel 11 (2462MHz)

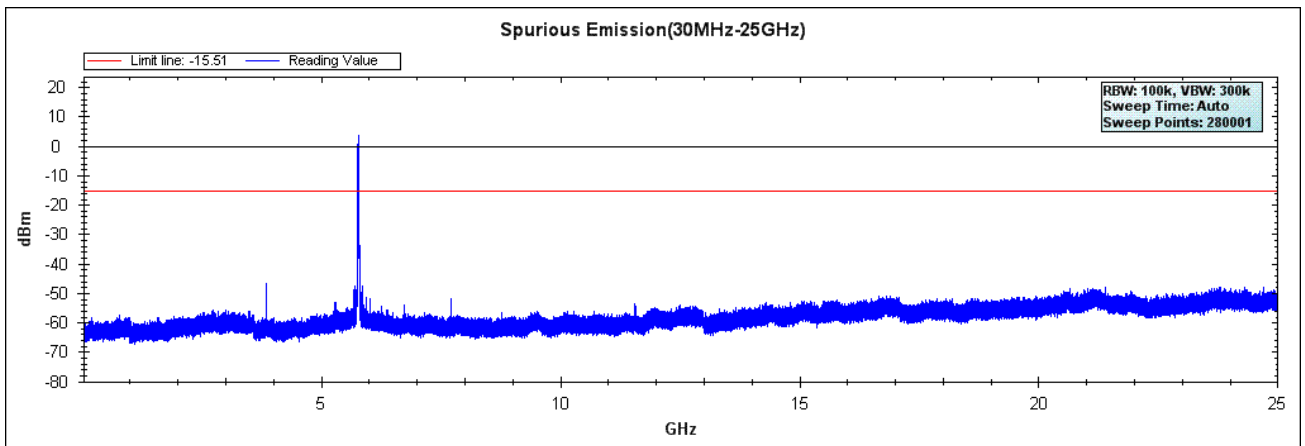


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 0)

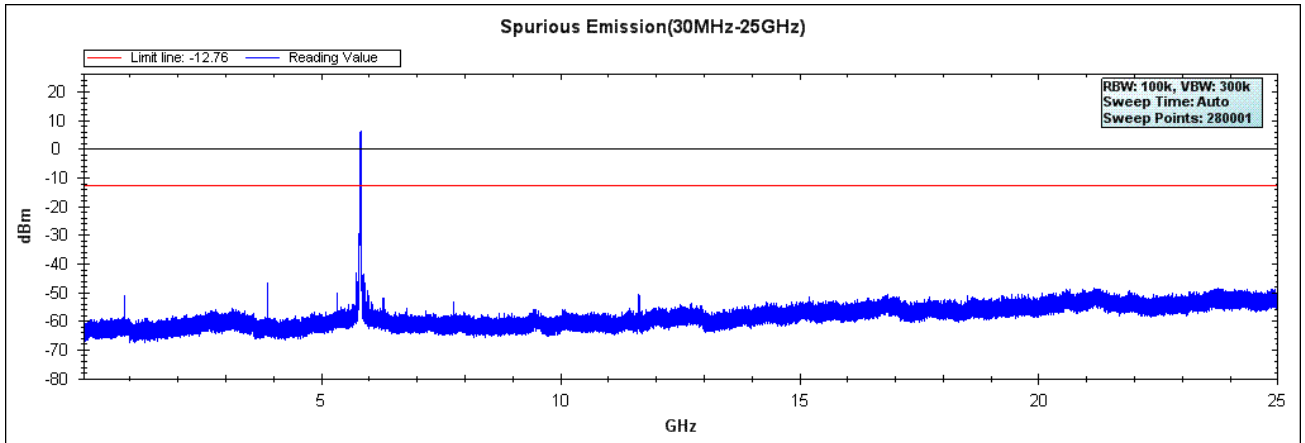
**Channel 149 (5745MHz)**



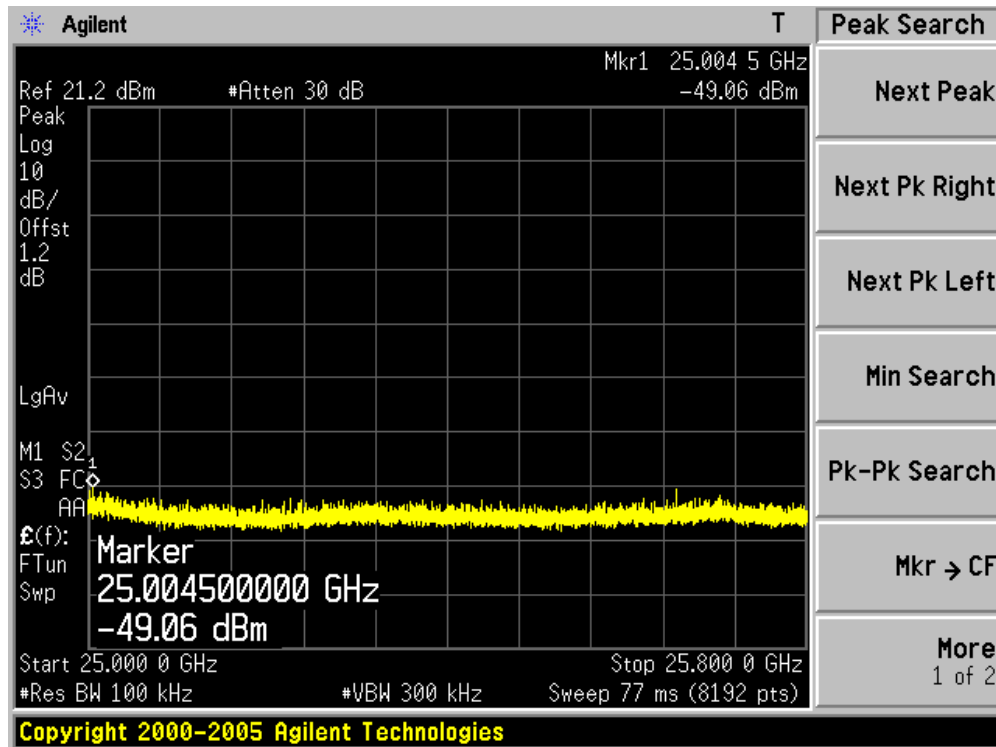
**Channel 157 (5785MHz)**



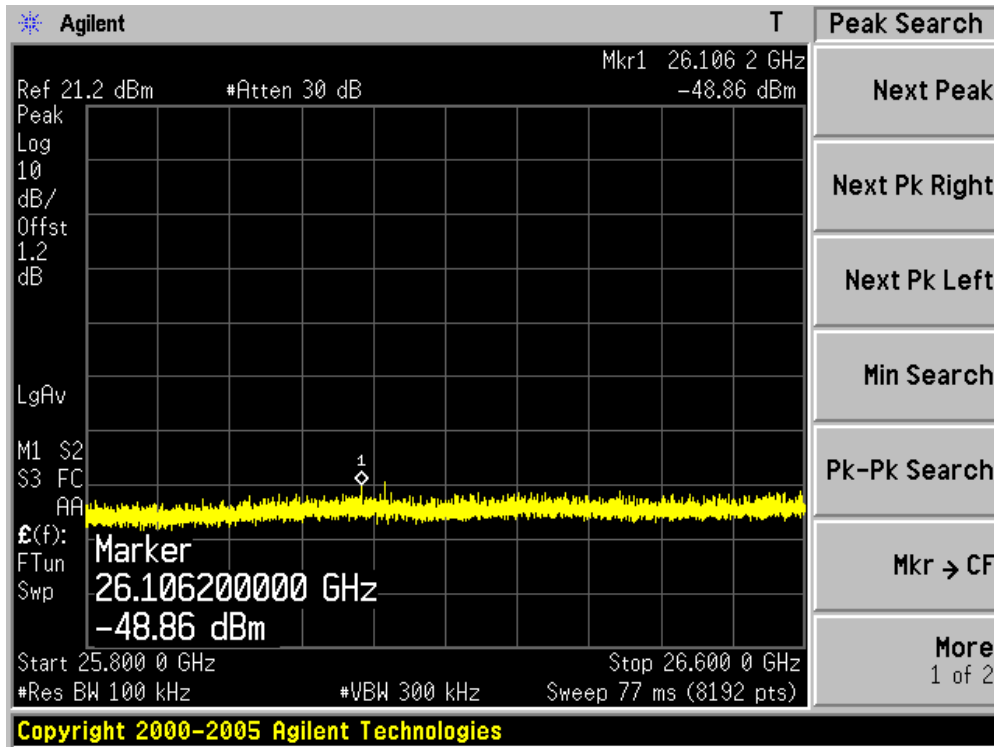
Channel 165 (5825MHz)



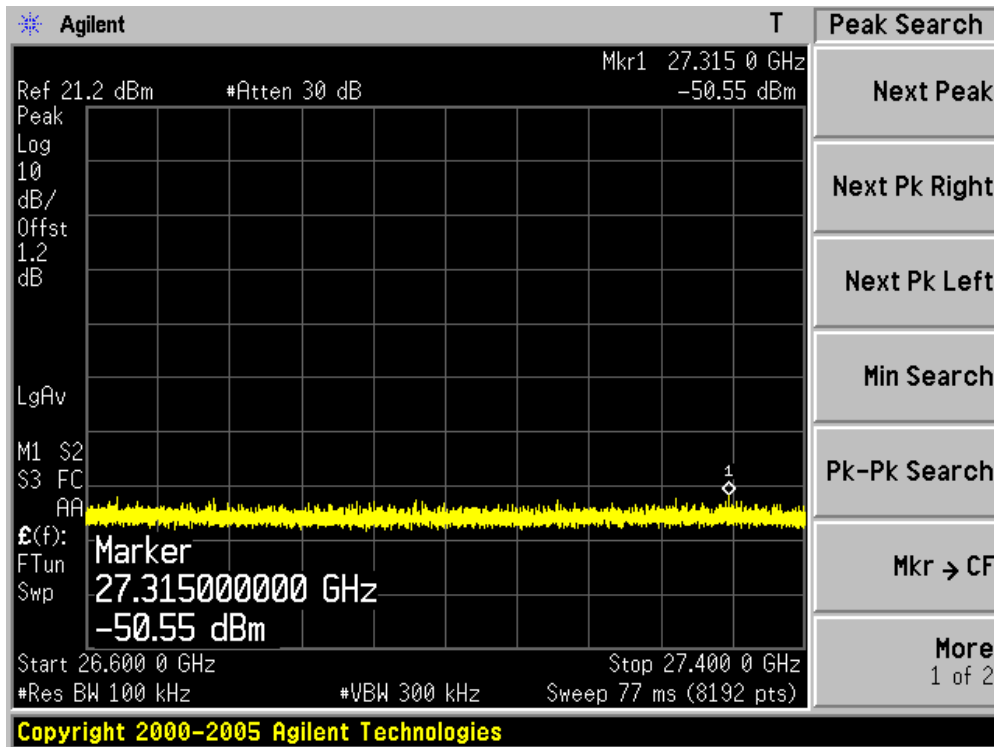
Channel 149 (5745MHz)-1



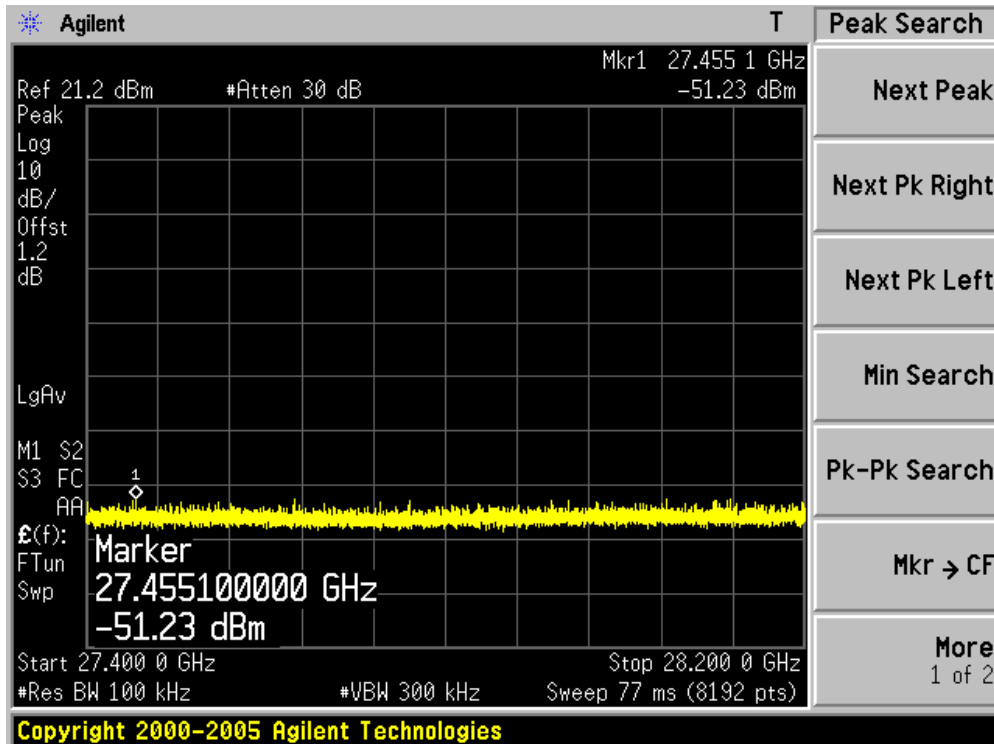
Channel 149 (5745MHz)-2



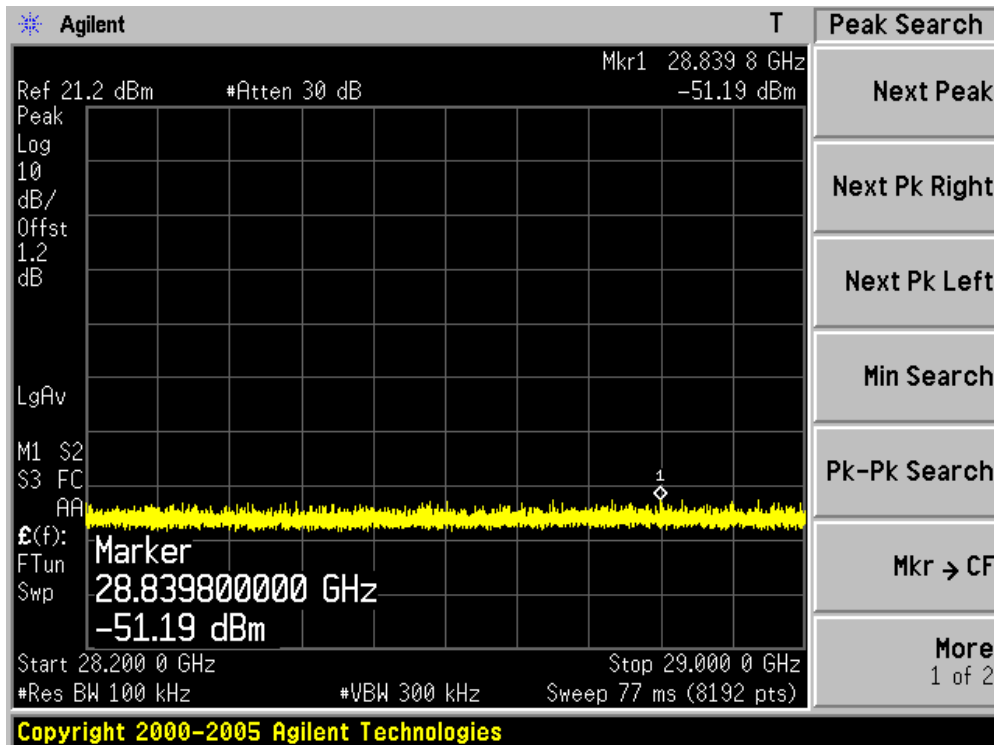
Channel 149 (5745MHz)-3



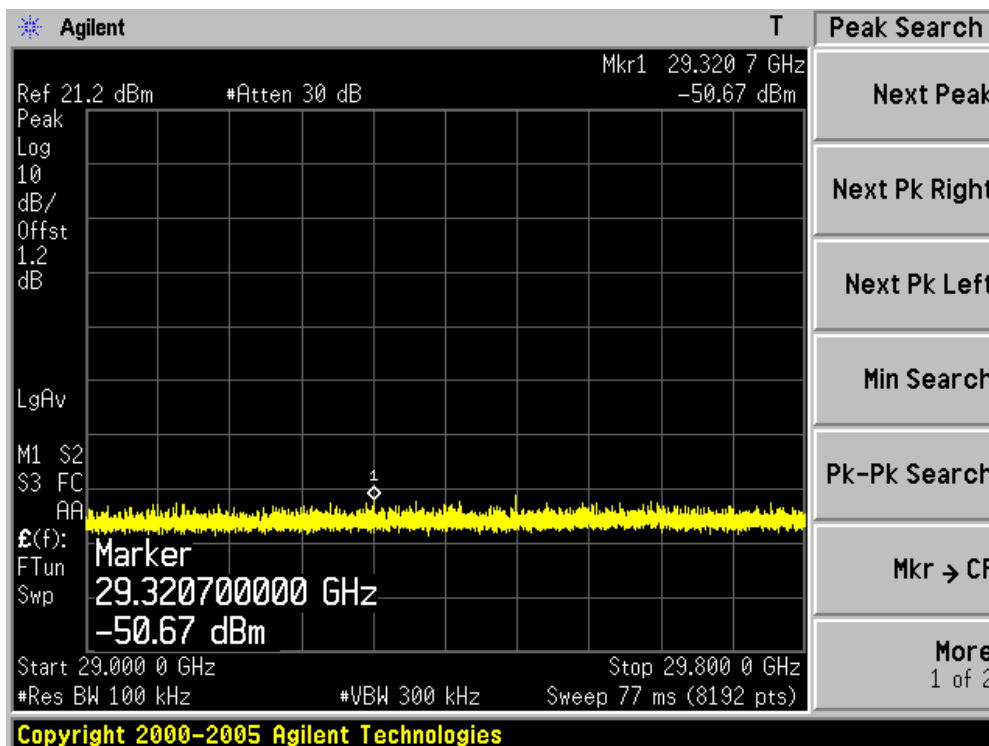
Channel 149 (5745MHz)-4



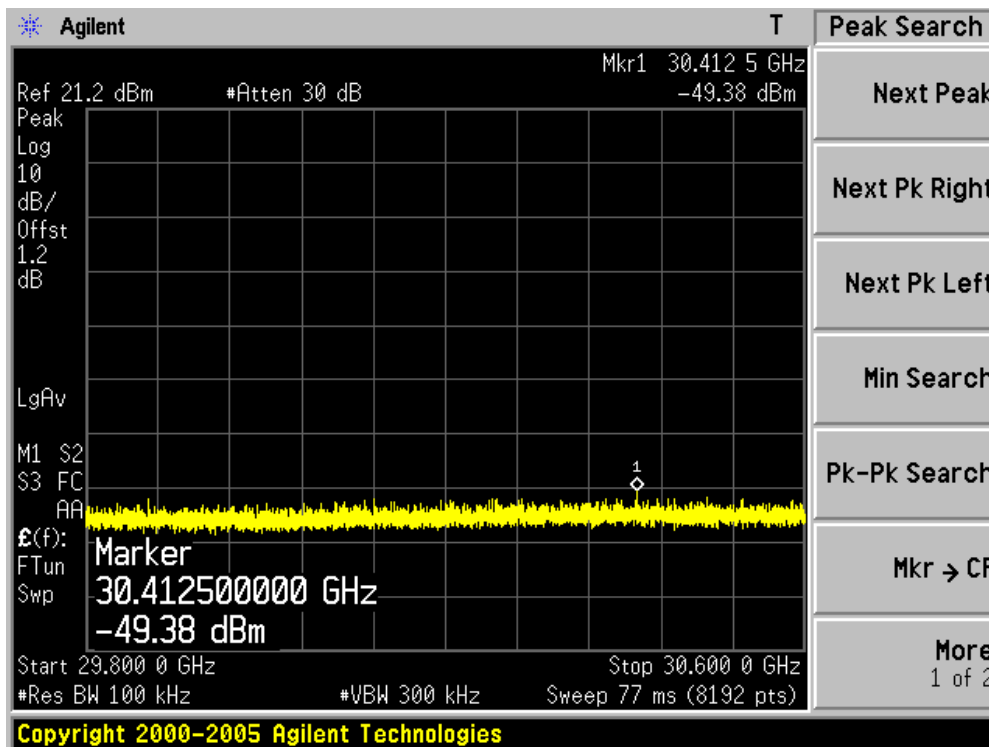
Channel 149 (5745MHz)-5



Channel 149 (5745MHz)-6

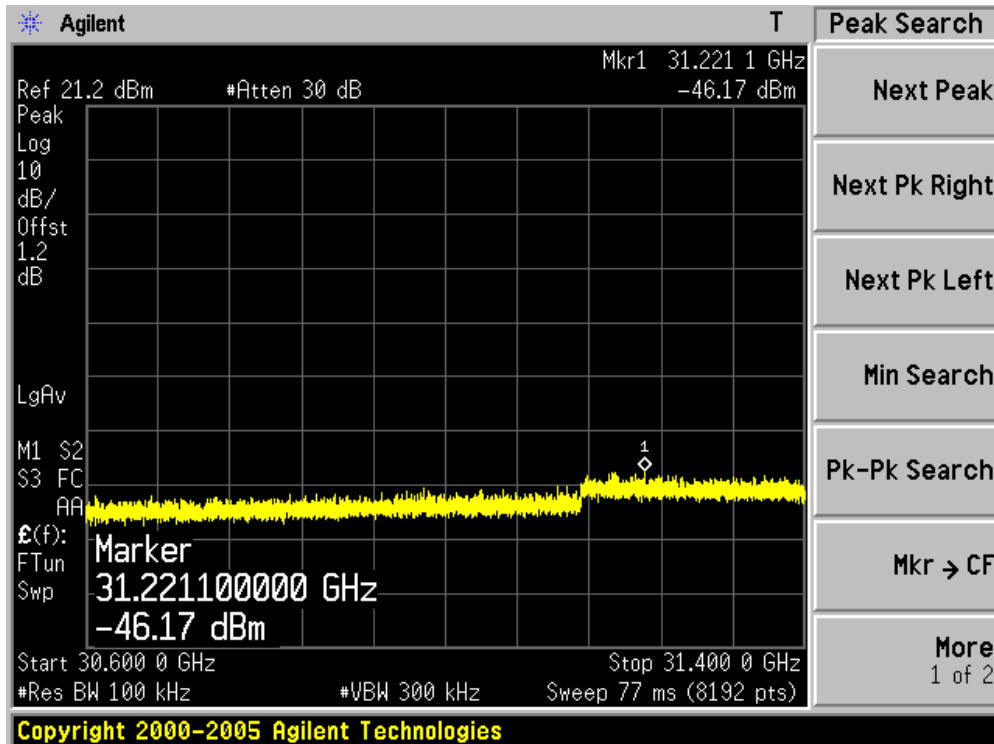


Channel 149 (5745MHz)-7

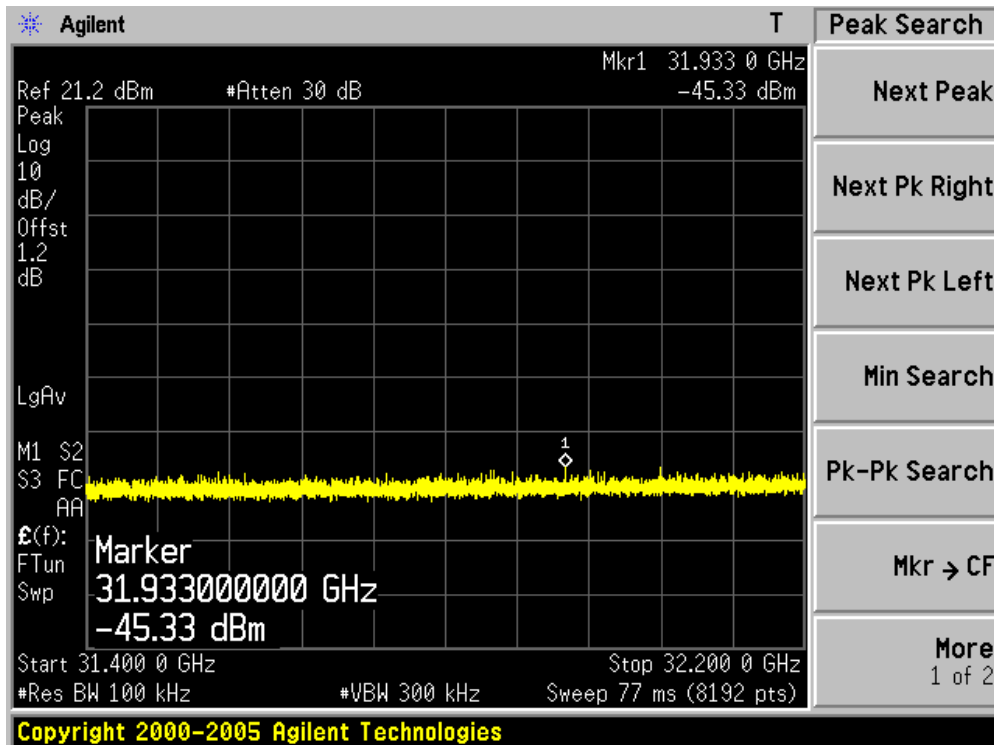




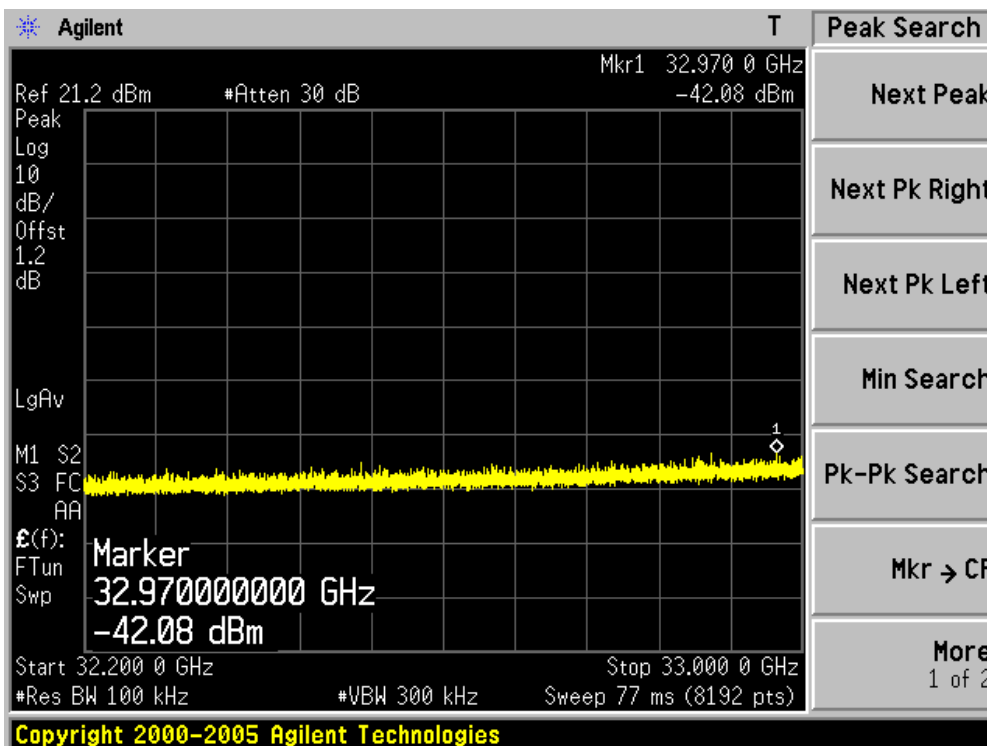
Channel 149 (5745MHz)-8



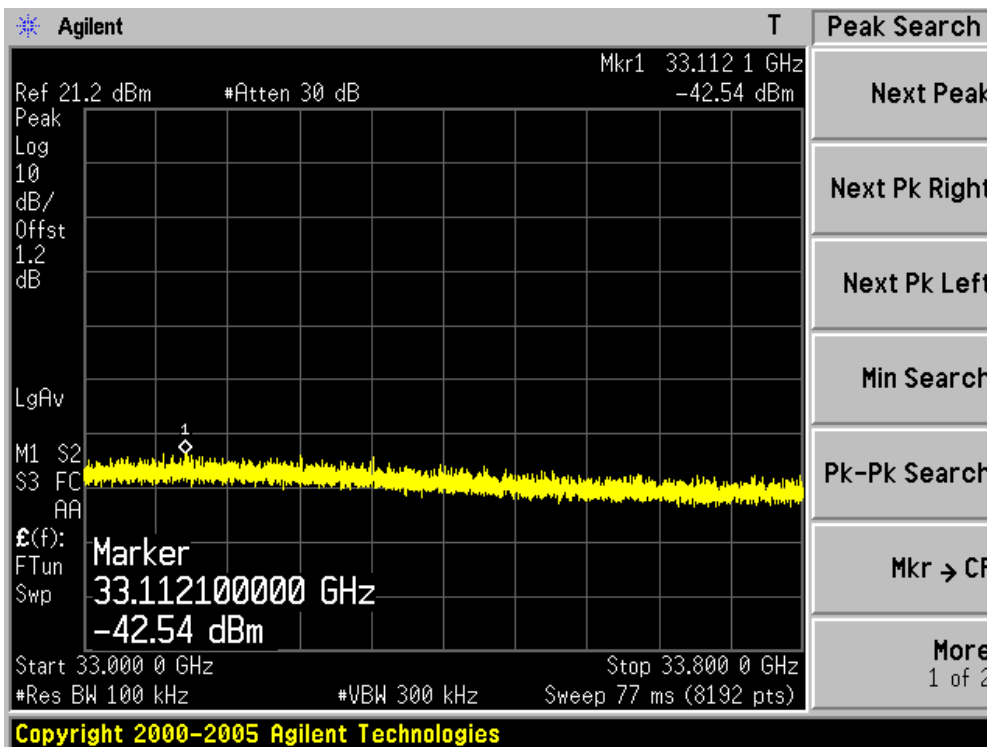
Channel 149 (5745MHz)-9



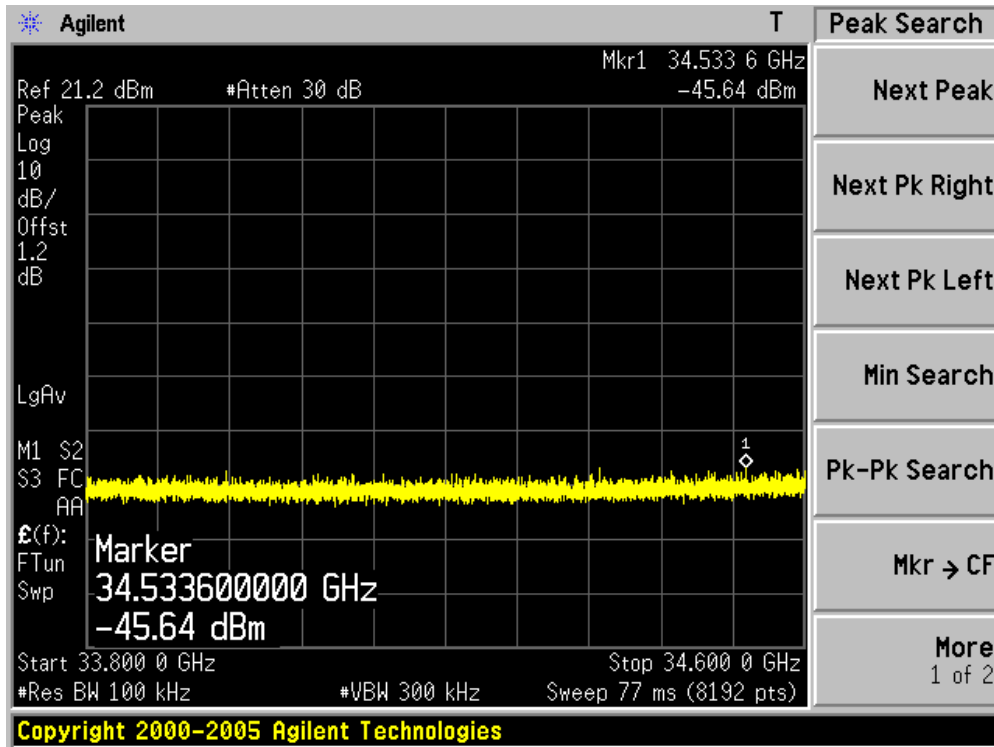
Channel 149 (5745MHz)-10



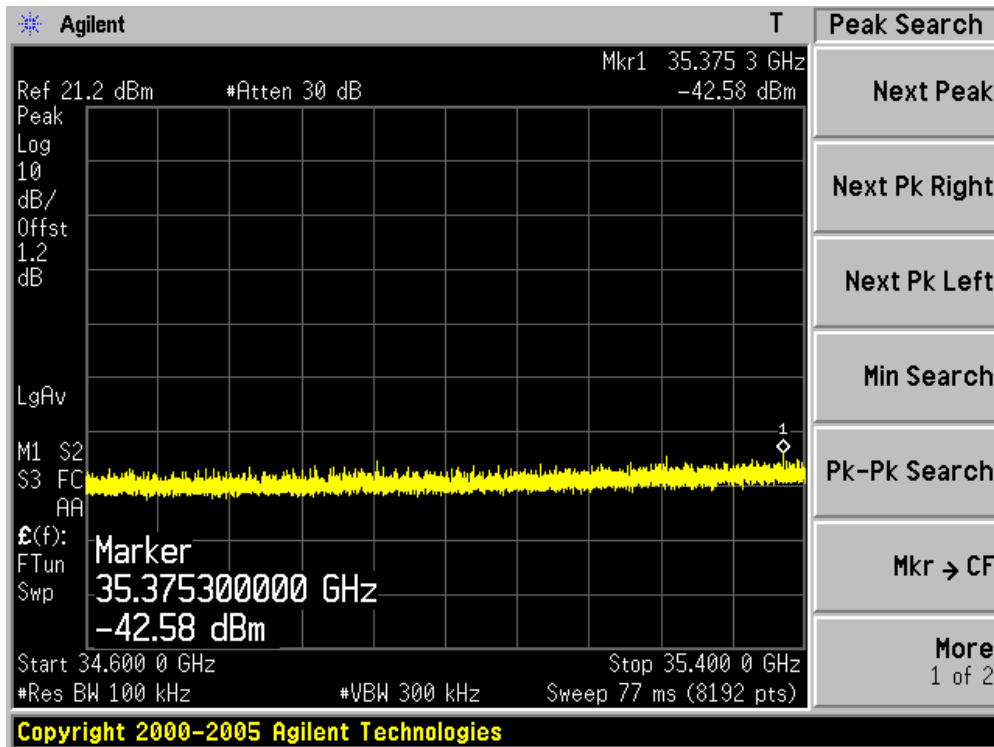
Channel 149 (5745MHz)-11



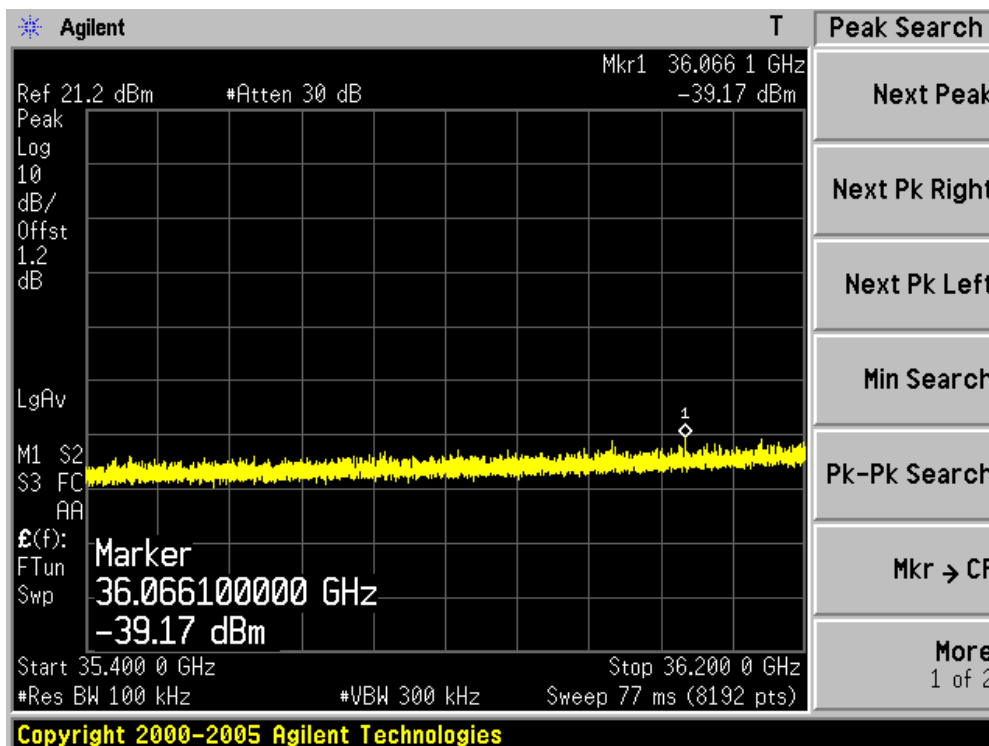
Channel 149 (5745MHz)-12



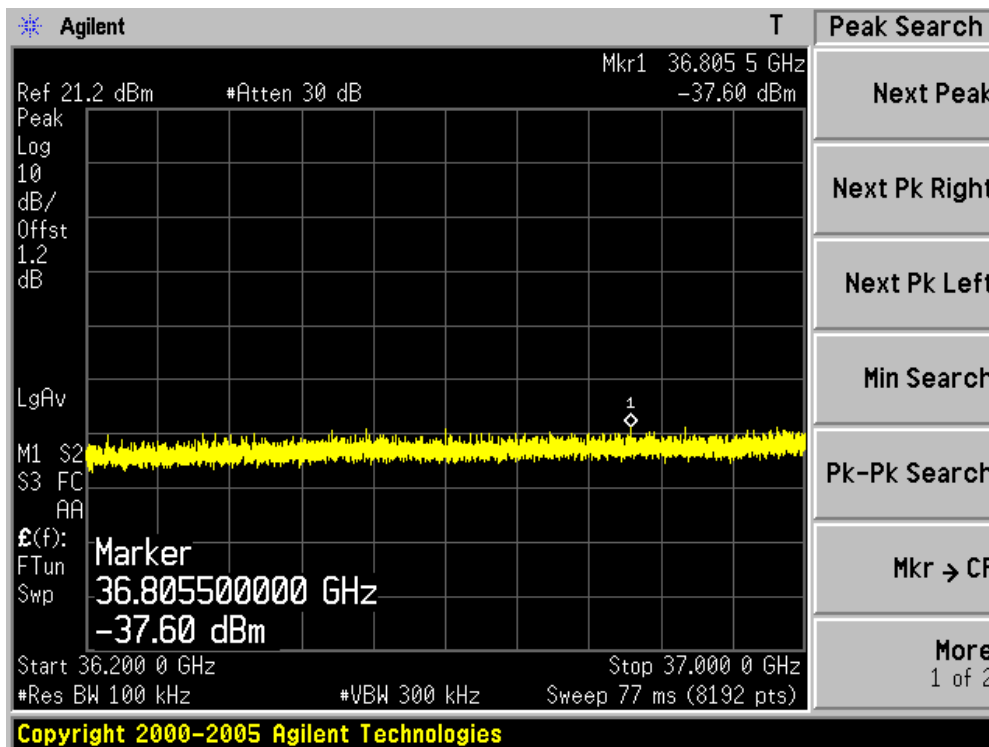
Channel 149 (5745MHz)-13



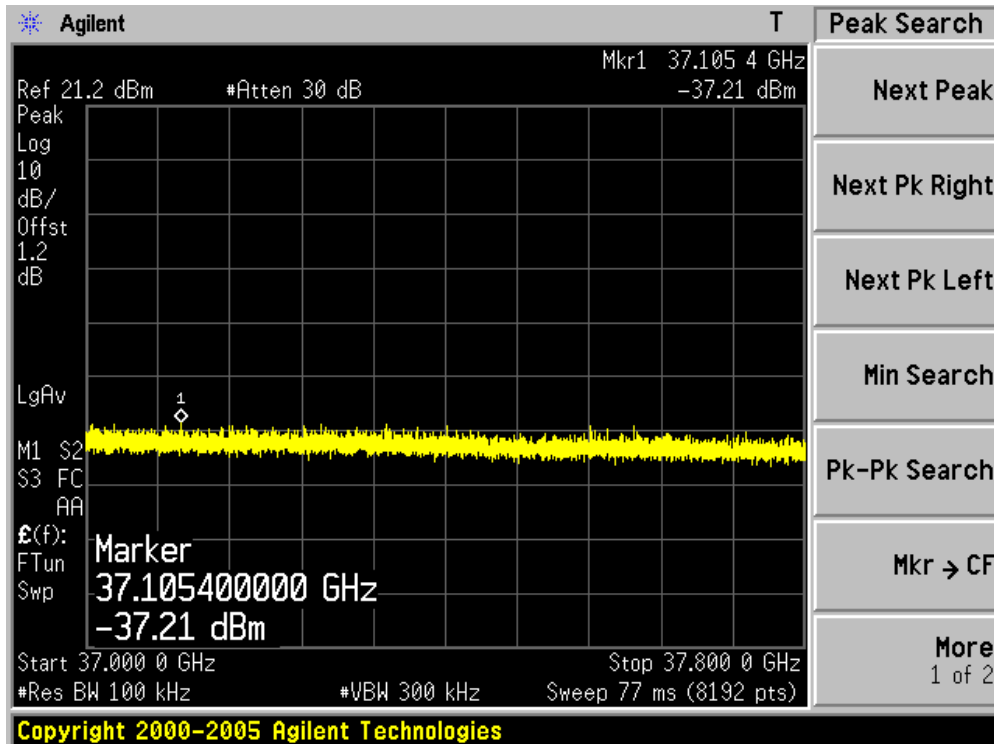
Channel 149 (5745MHz)-14



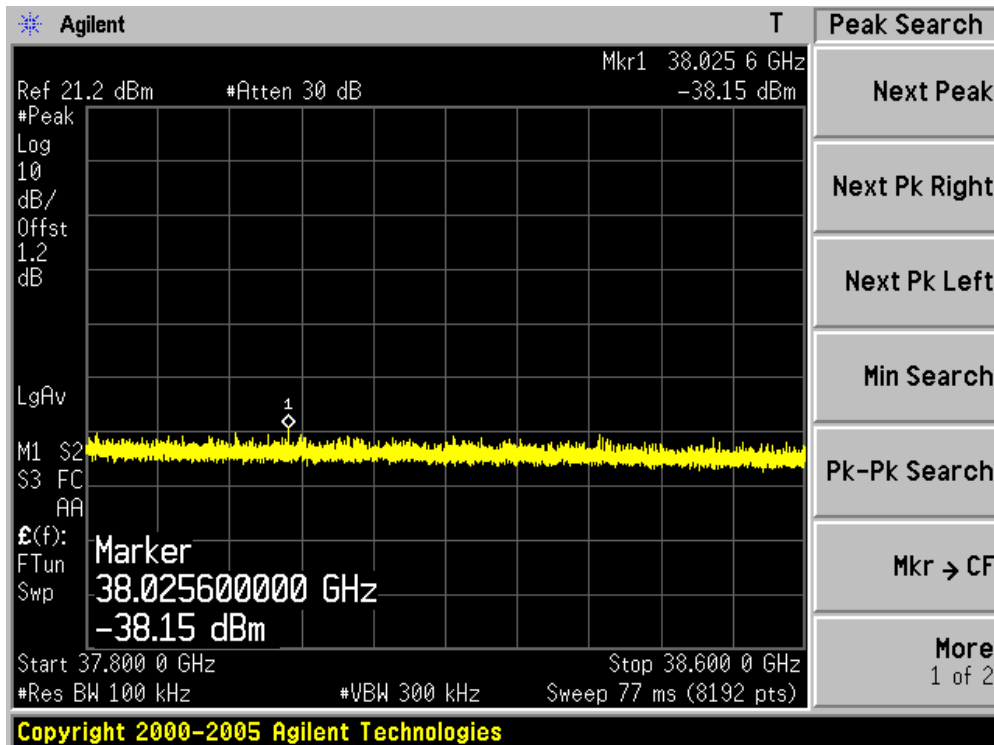
Channel 149 (5745MHz)-15



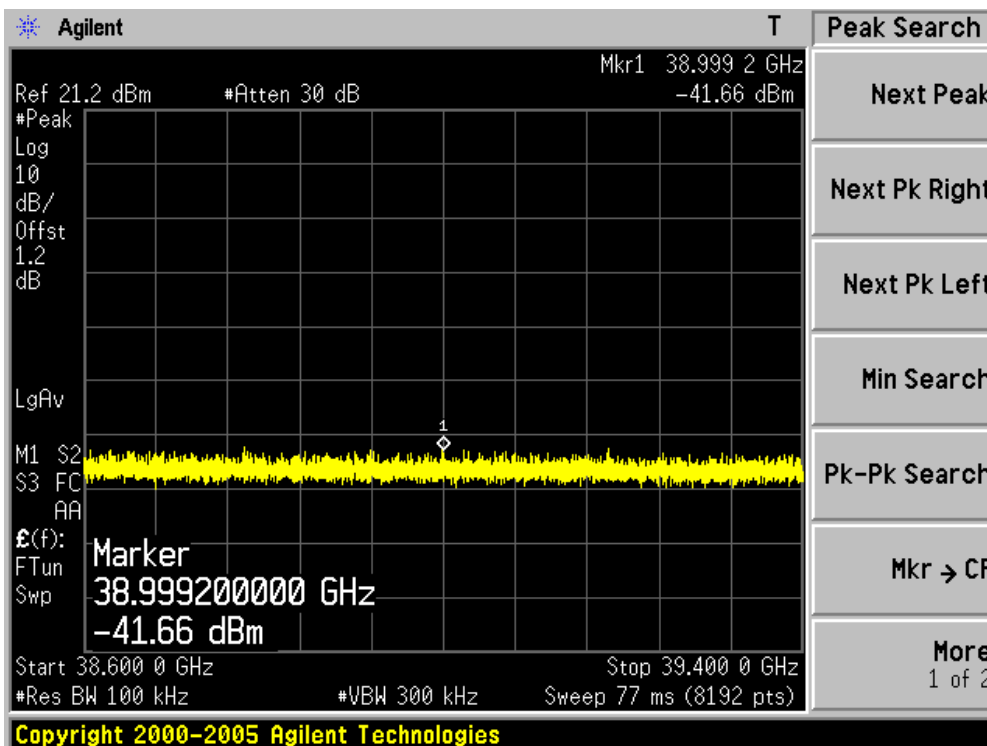
Channel 149 (5745MHz)-16



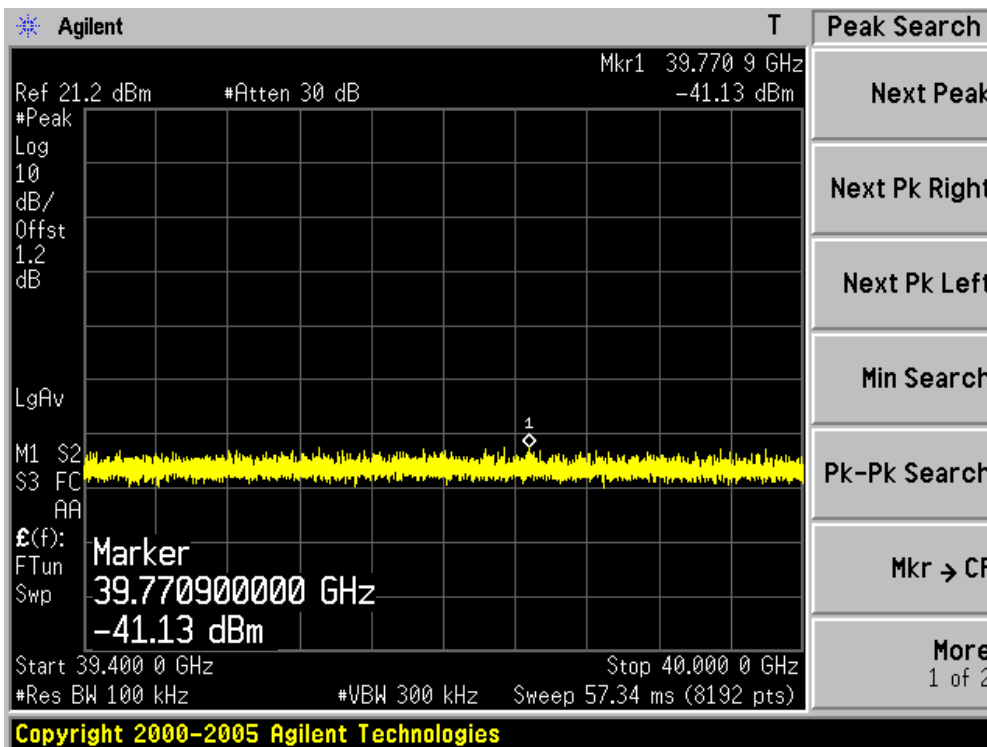
Channel 149 (5745MHz)-17



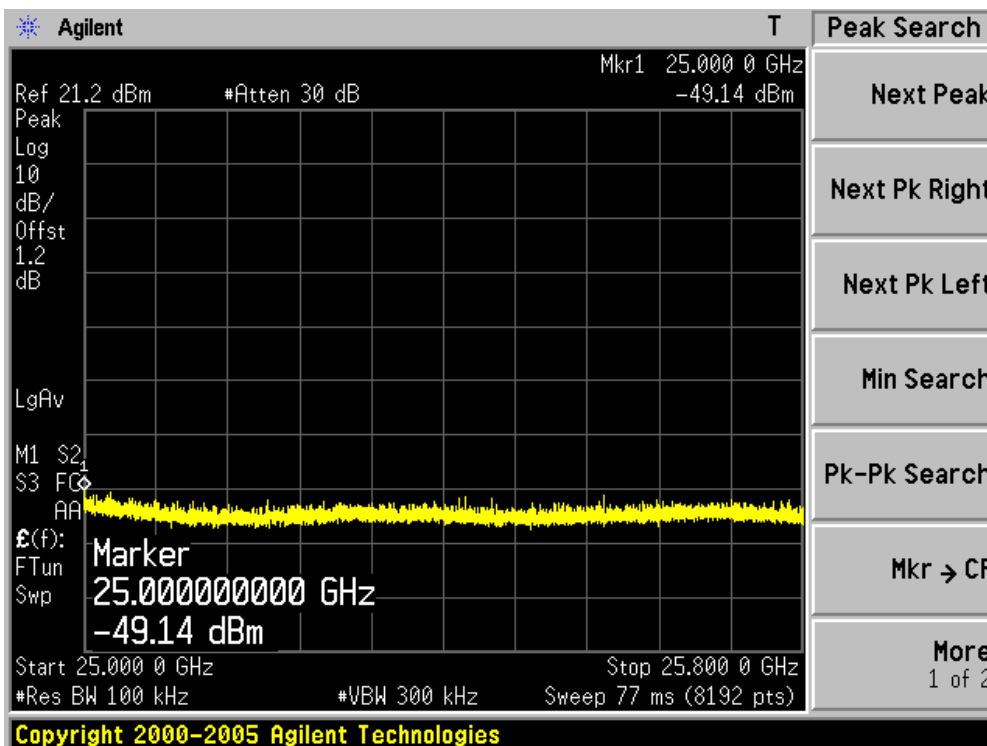
Channel 149 (5745MHz)-18



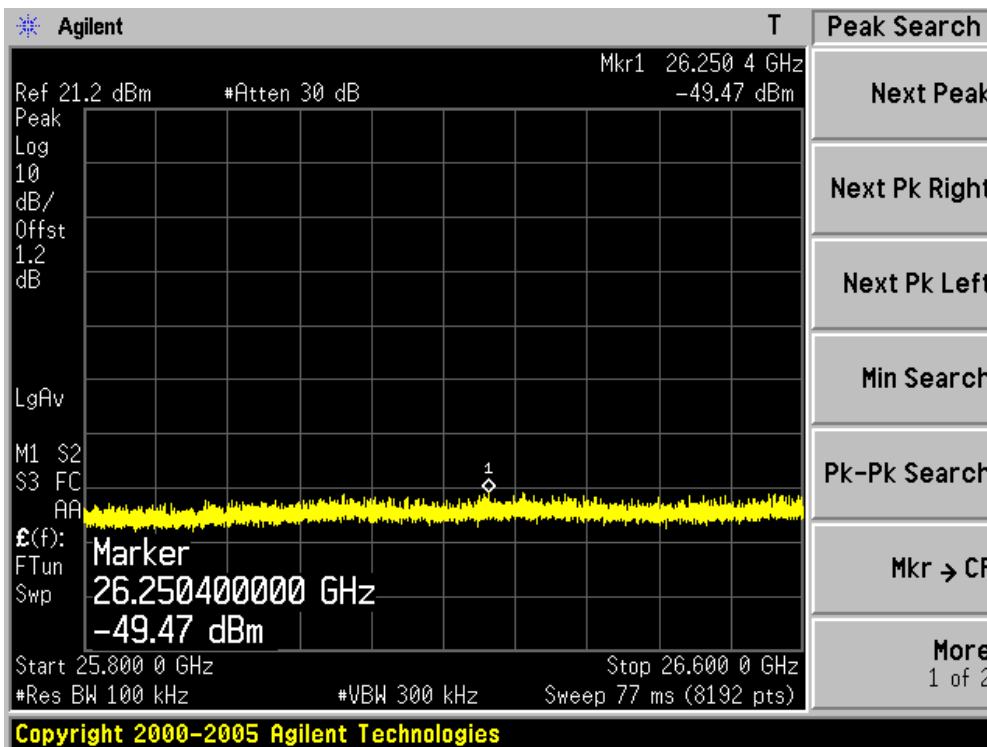
Channel 149 (5745MHz)-19



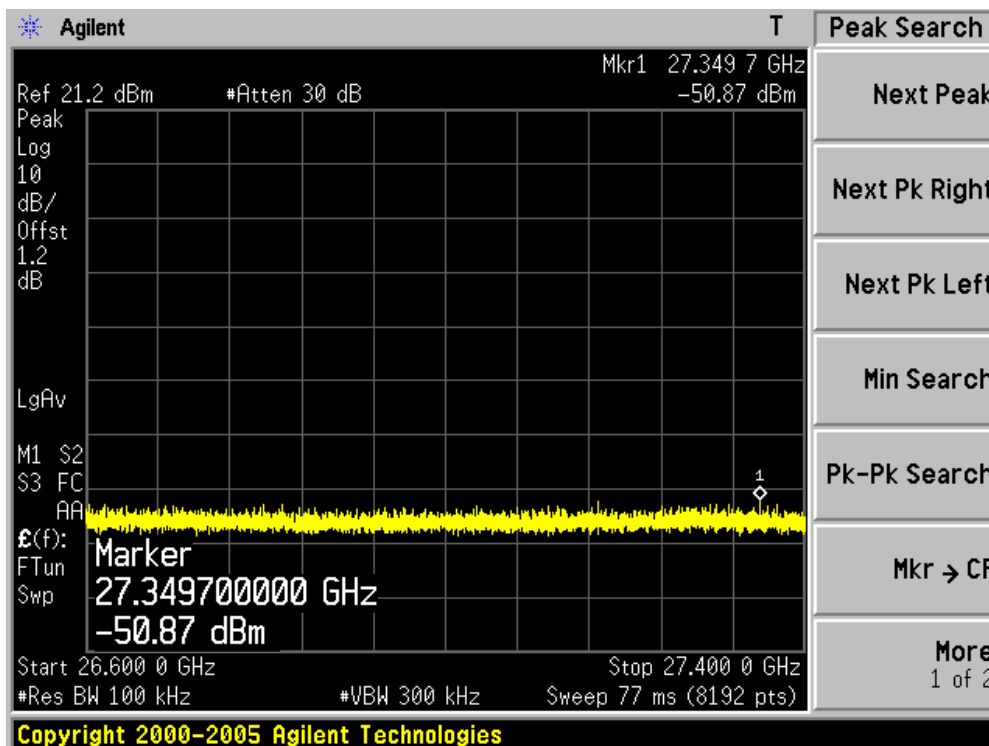
Channel 157 (5785MHz)-1



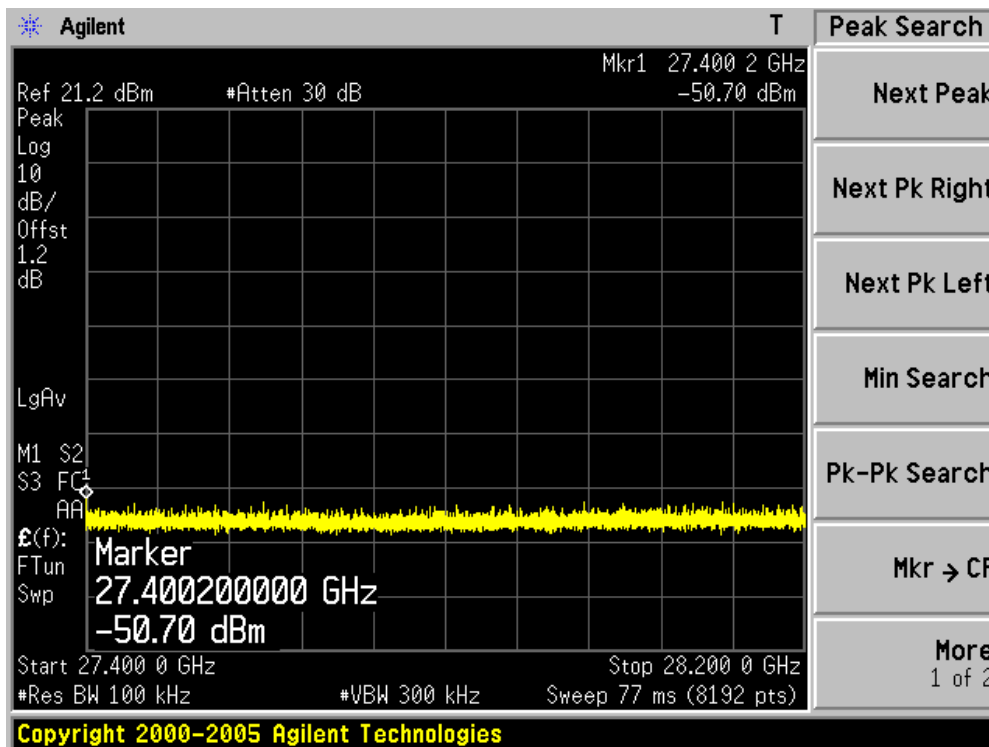
Channel 157 (5785MHz)-2



Channel 157 (5785MHz)-3

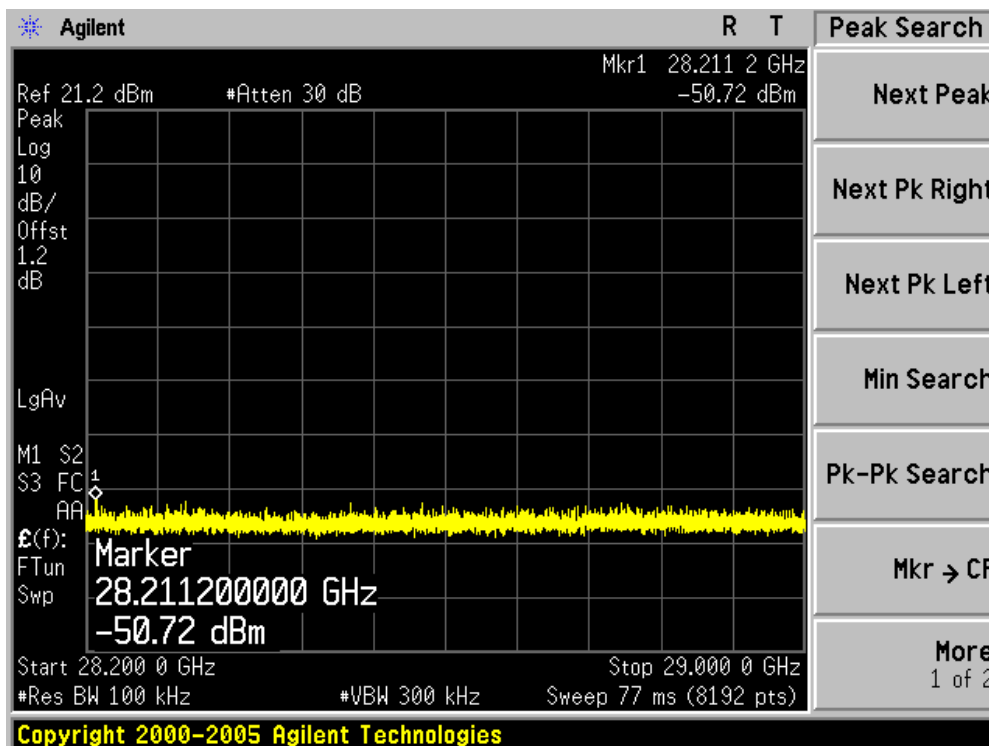


Channel 157 (5785MHz)-4

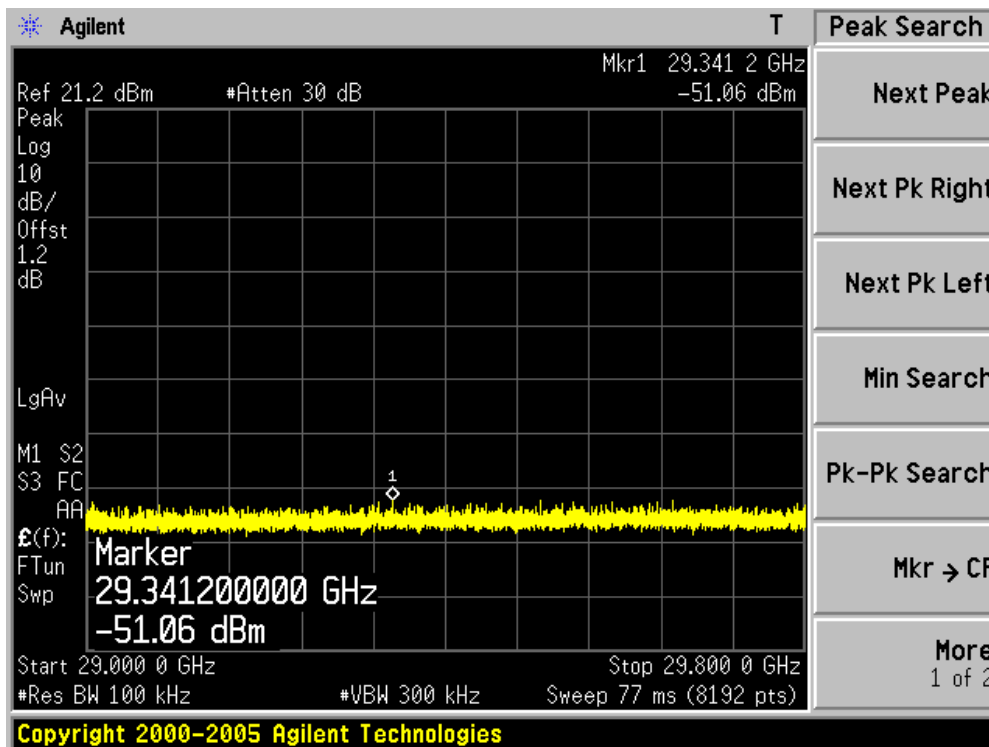




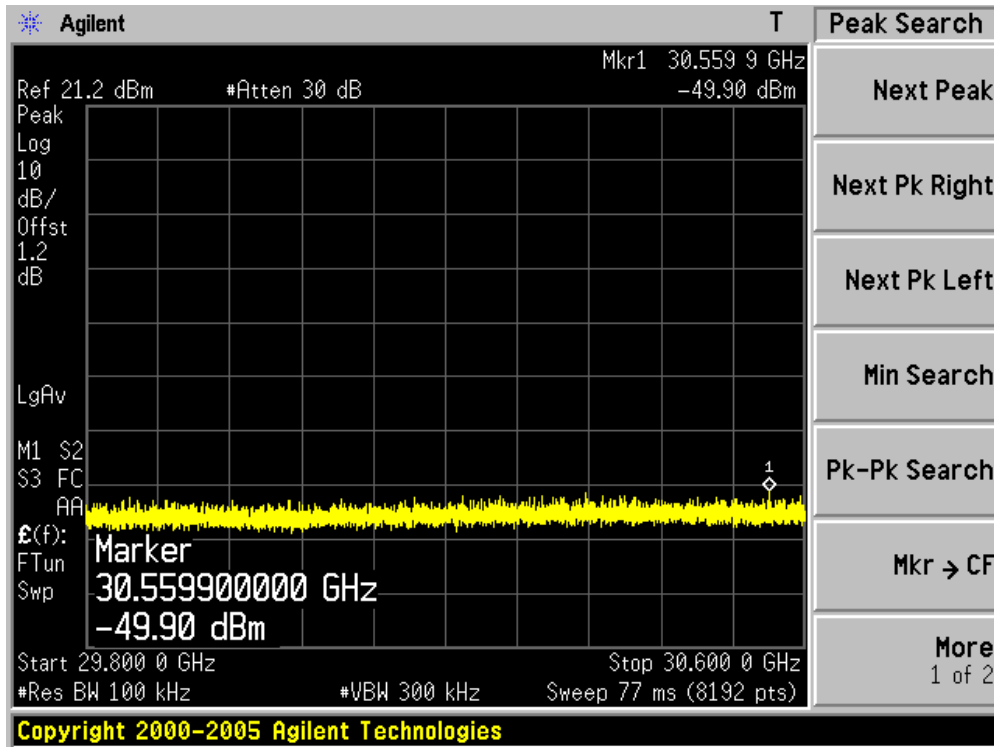
Channel 157 (5785MHz)-5



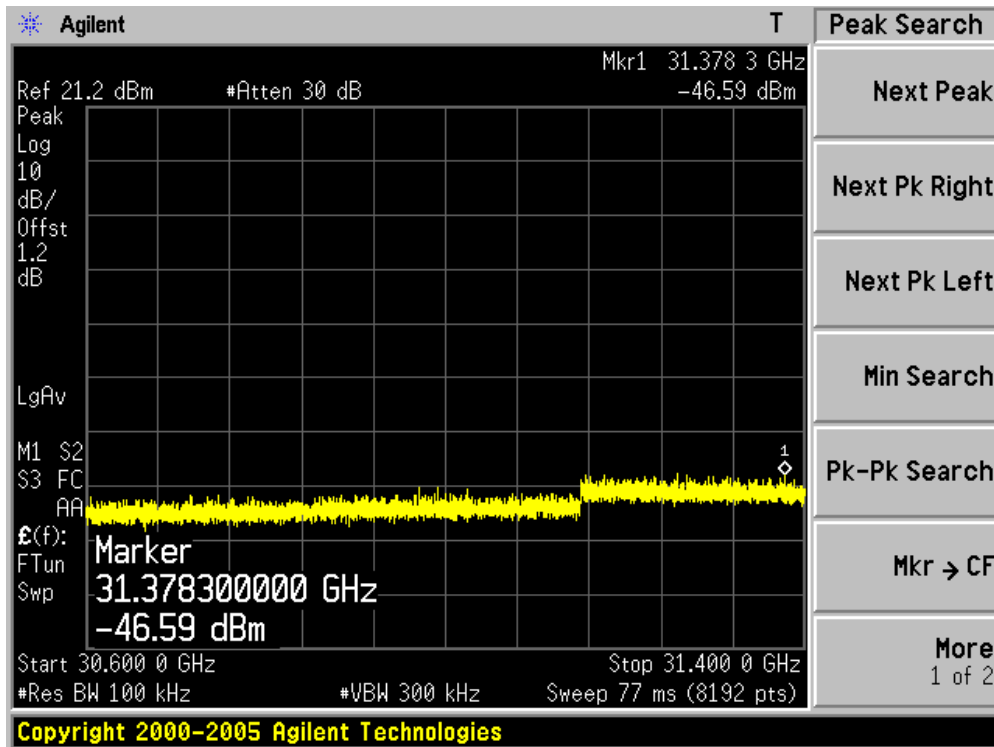
Channel 157 (5785MHz)-6



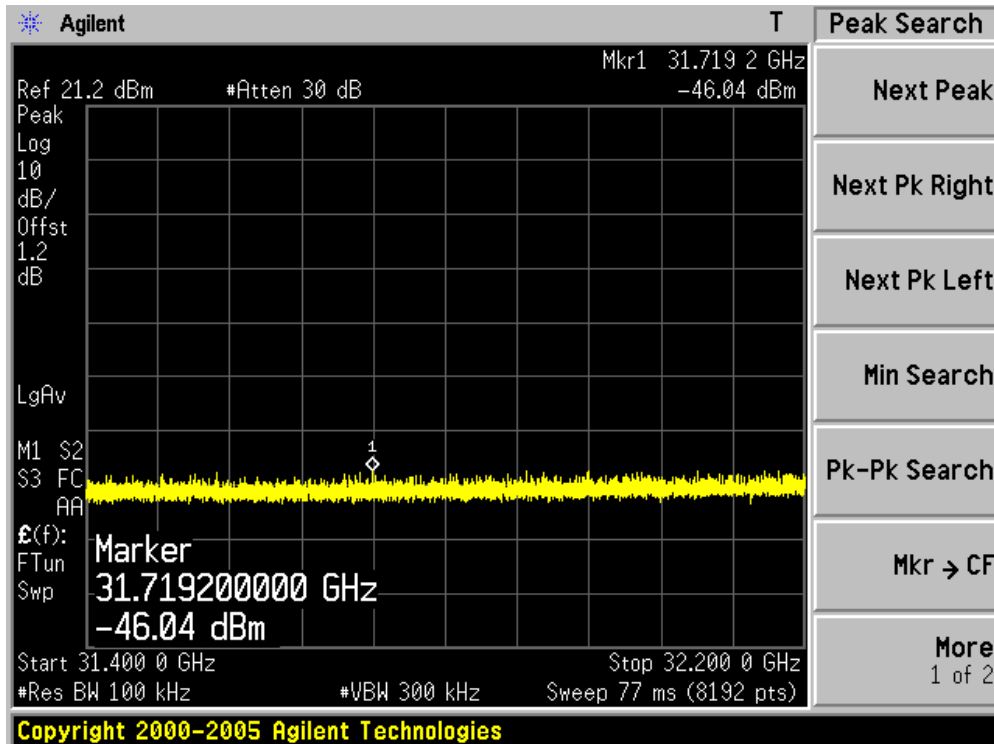
Channel 157 (5785MHz)-7



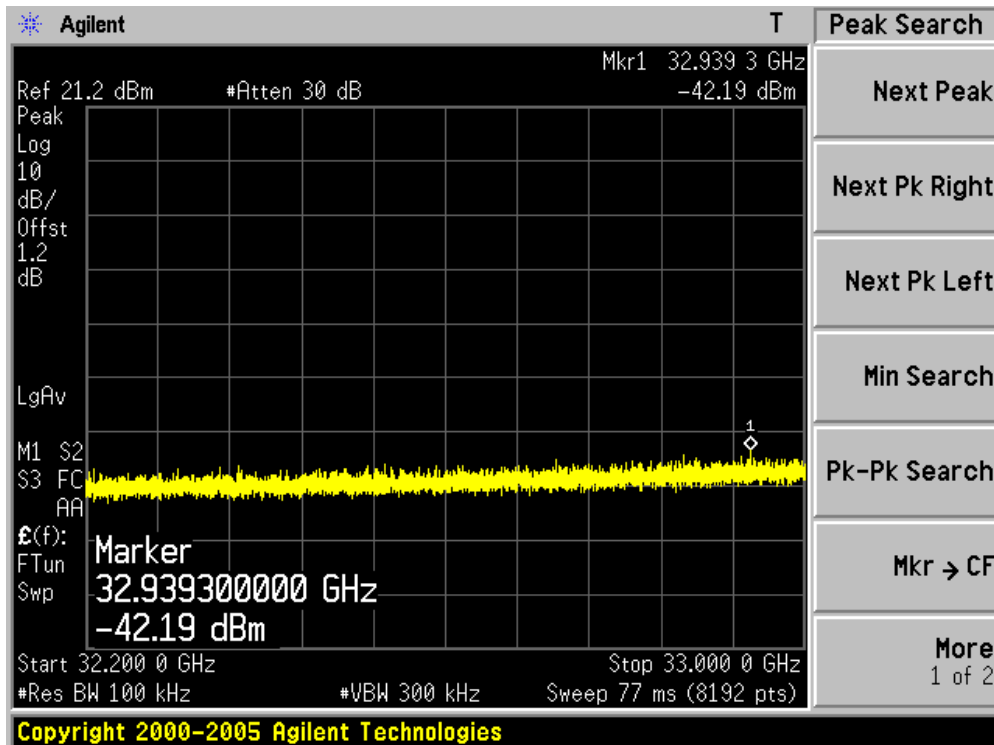
Channel 157 (5785MHz)-8



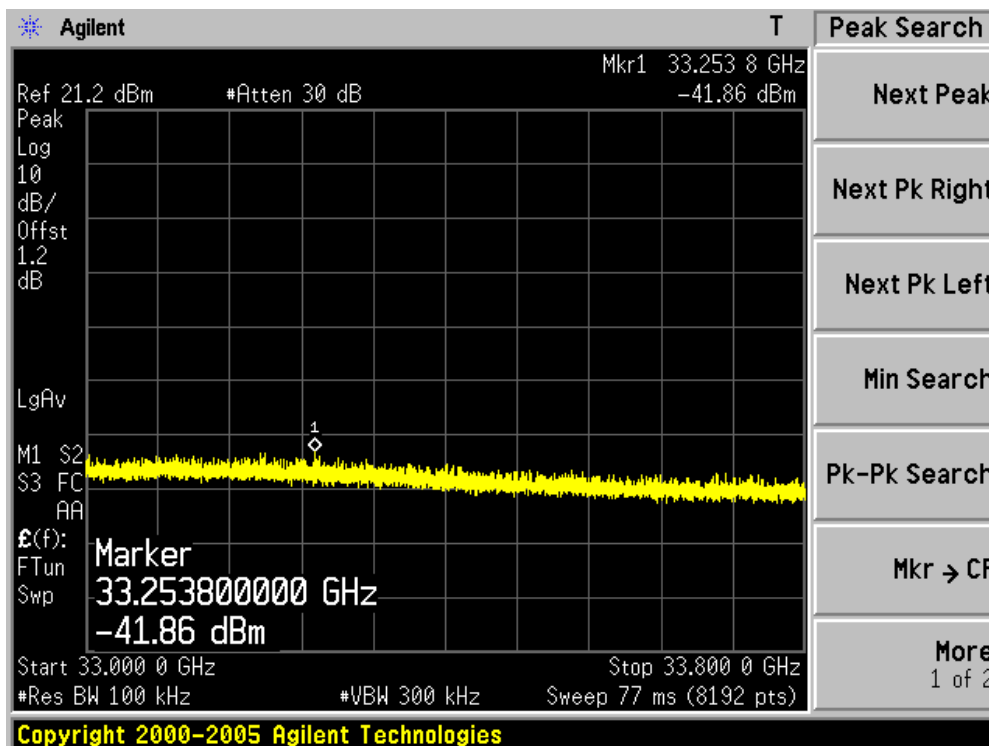
Channel 157 (5785MHz)-9



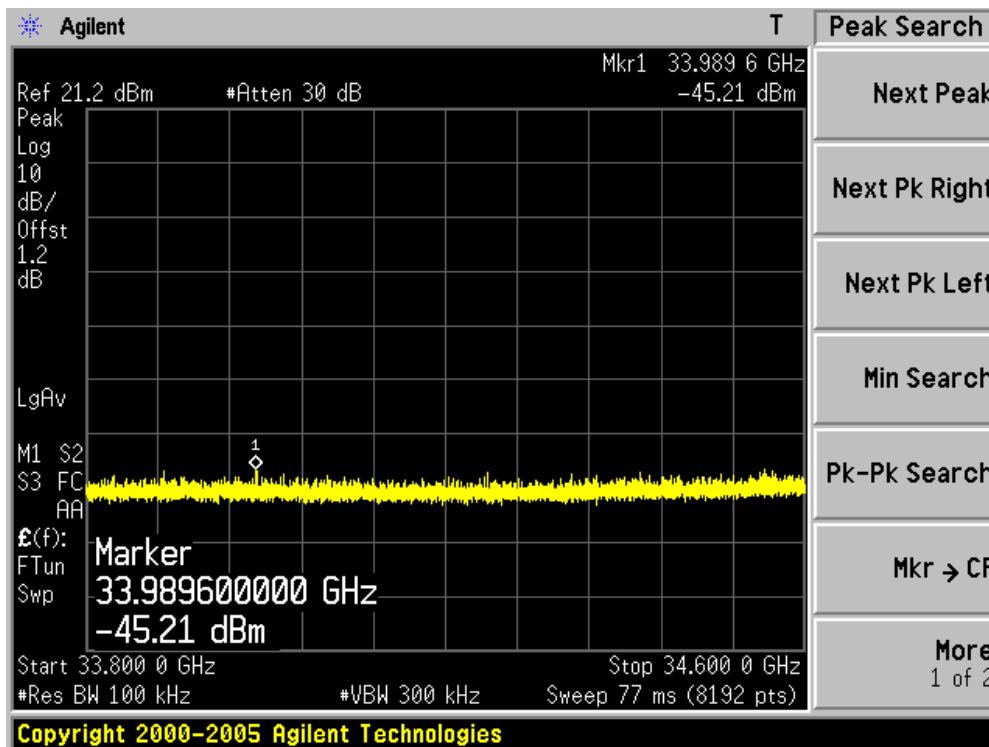
Channel 157 (5785MHz)-10



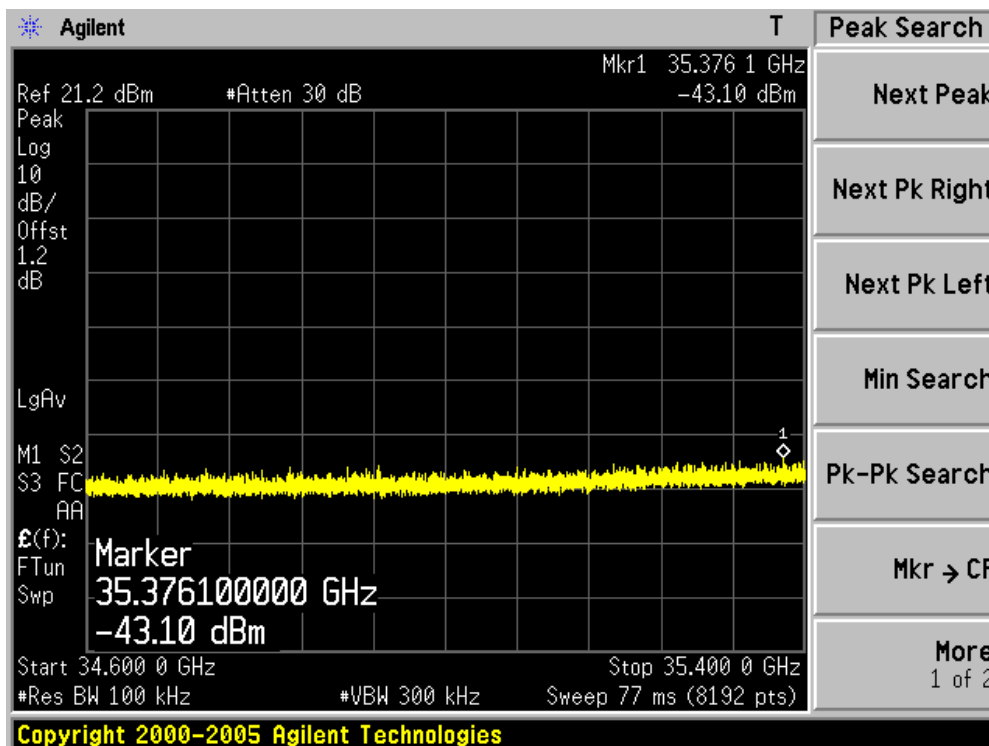
Channel 157 (5785MHz)-11



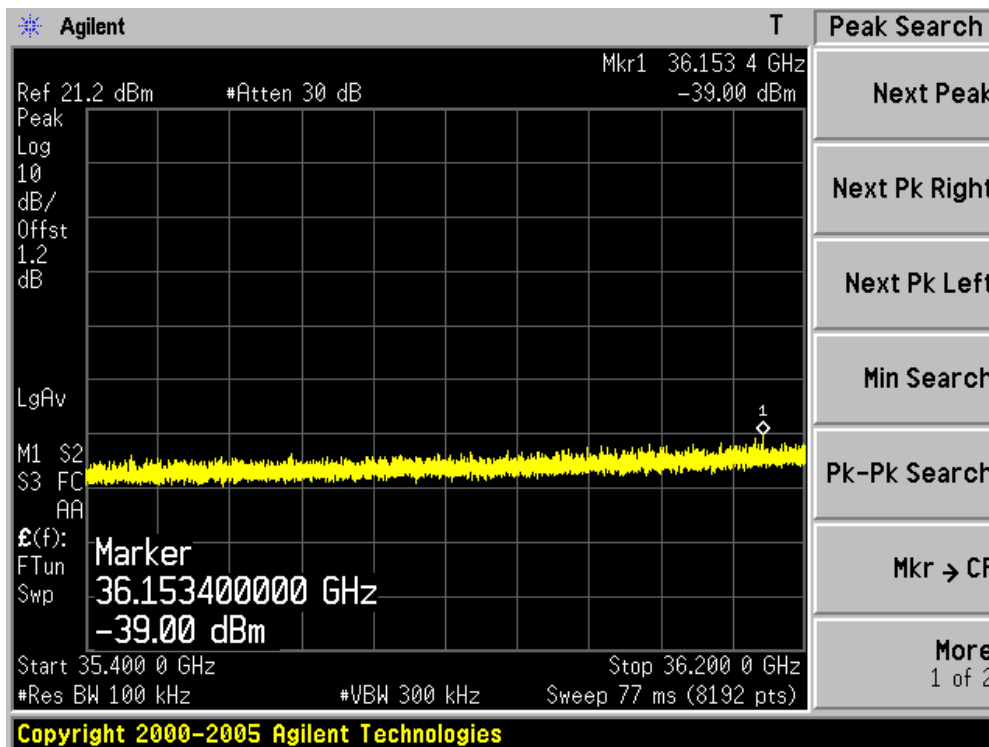
Channel 157 (5785MHz)-12



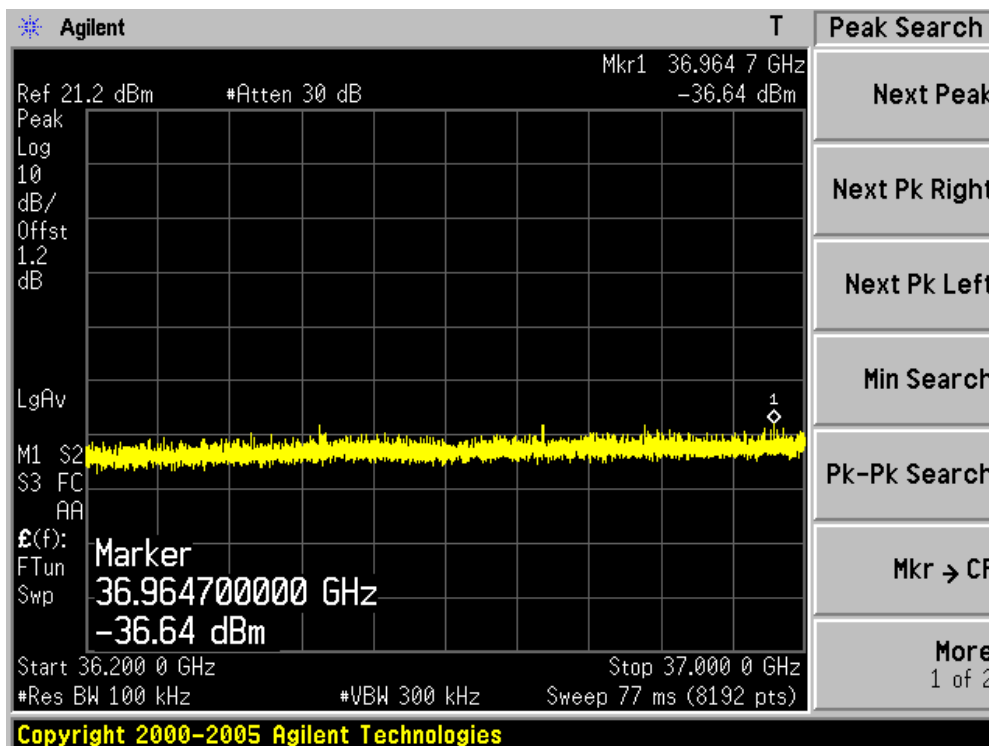
Channel 157 (5785MHz)-13



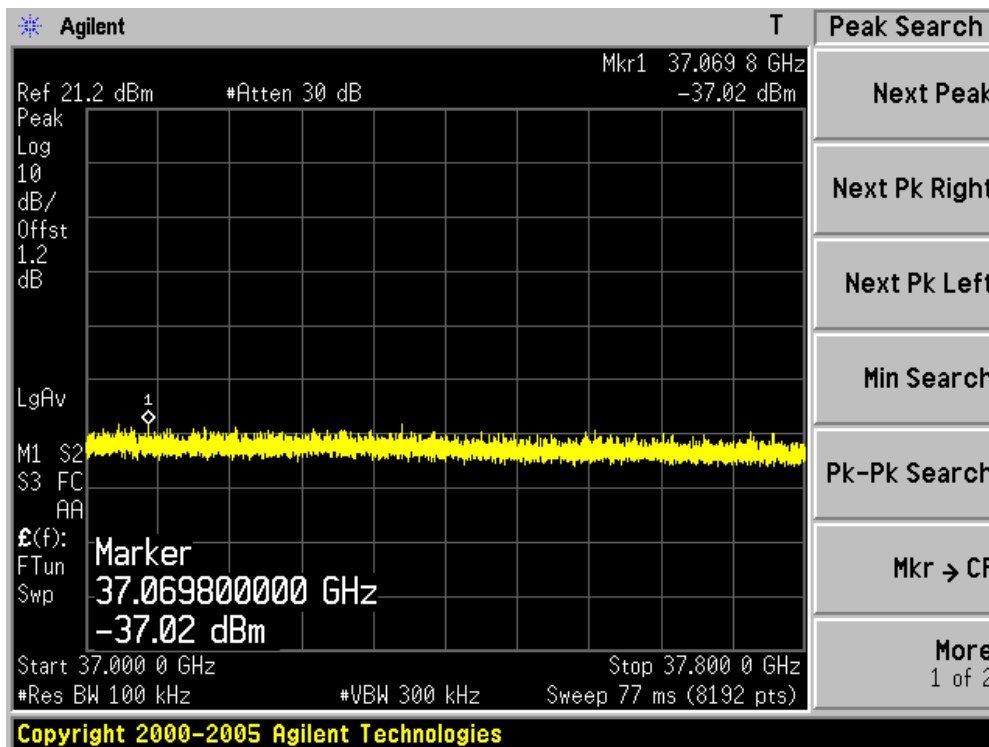
Channel 157 (5785MHz)-14



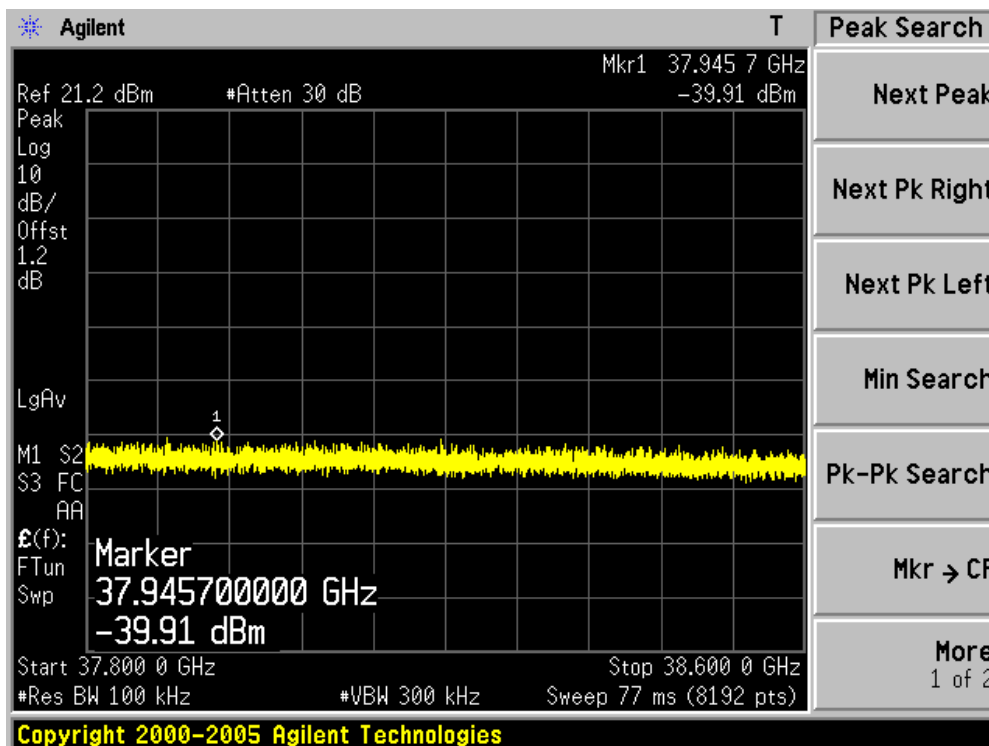
Channel 157 (5785MHz)-15



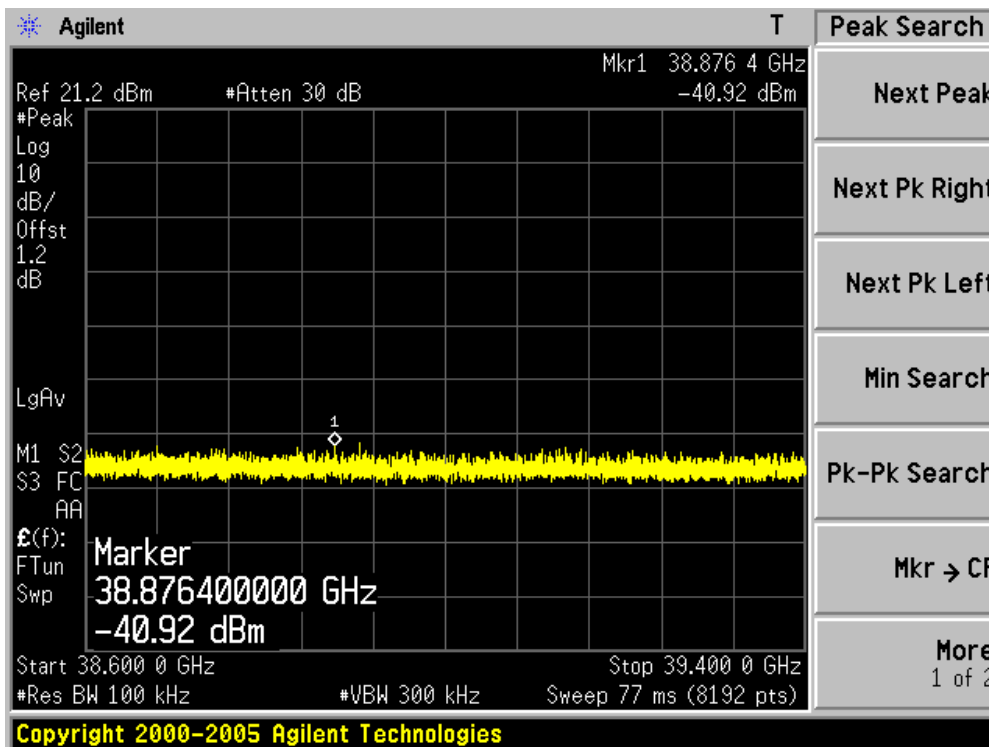
Channel 157 (5785MHz)-16



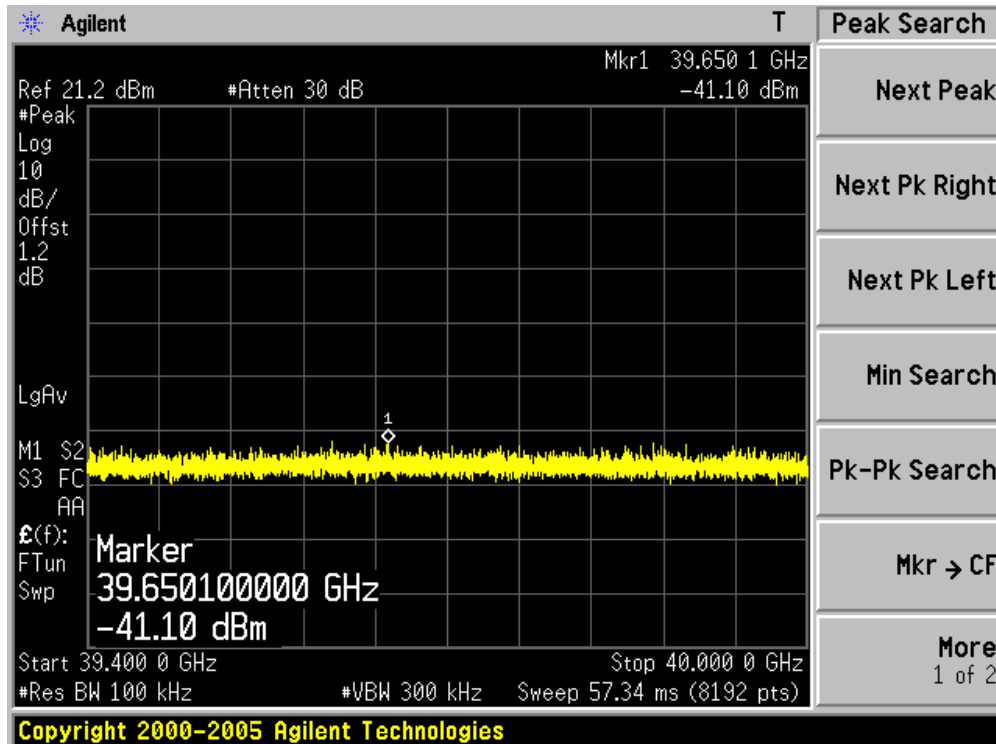
Channel 157 (5785MHz)-17



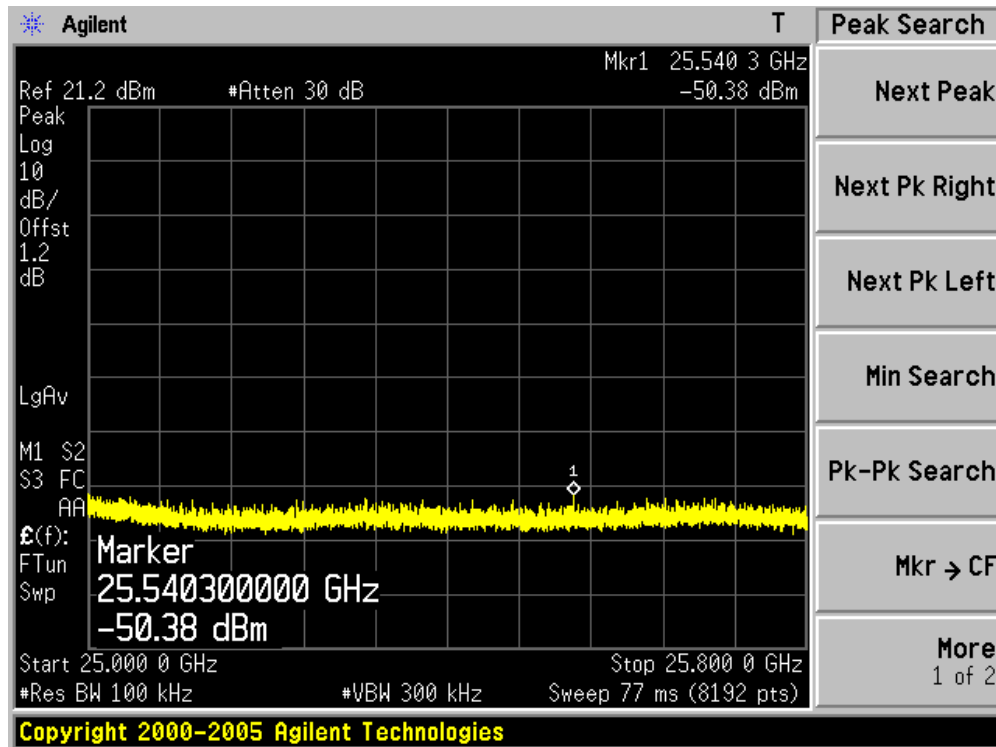
Channel 157 (5785MHz)-18



Channel 157 (5785MHz)-19

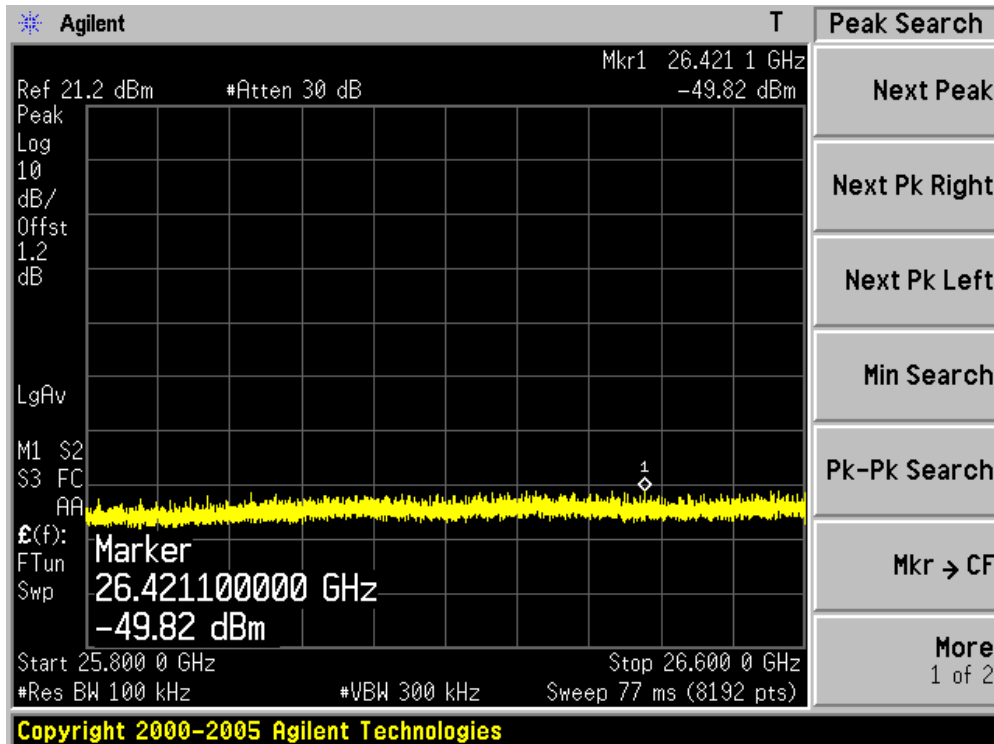


Channel 165 (5825MHz)-1

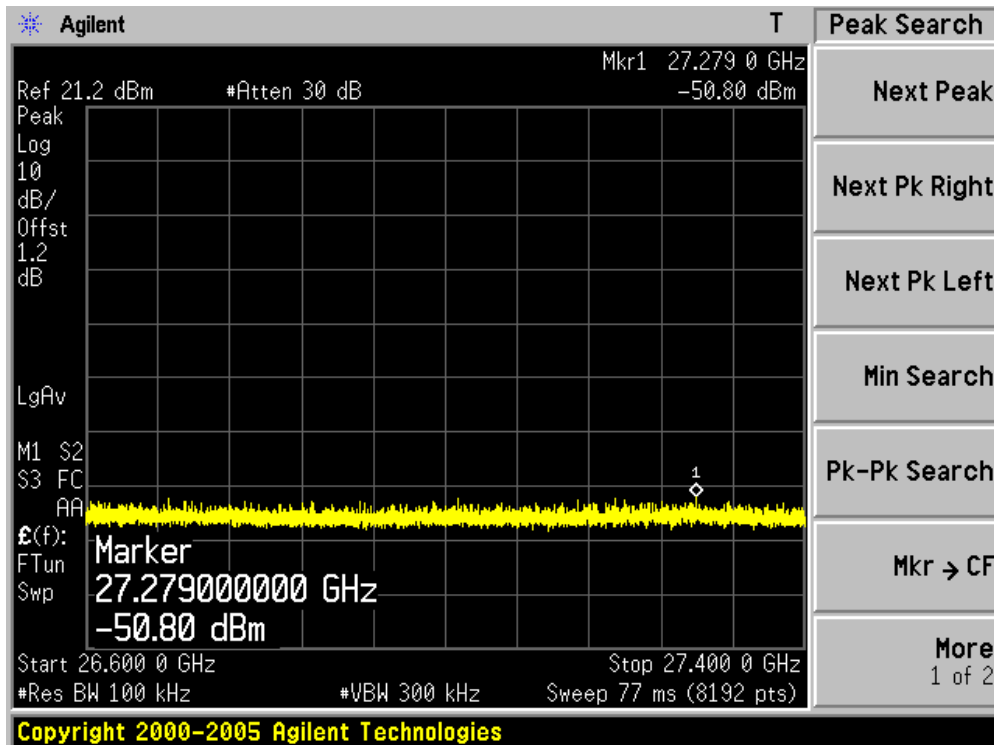




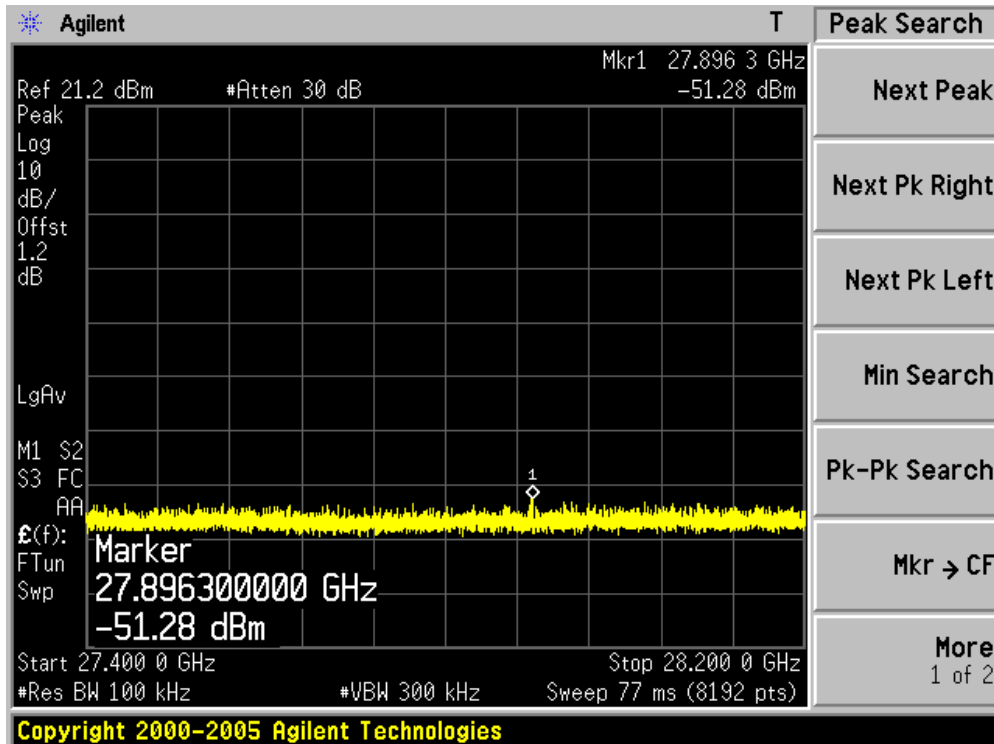
Channel 165 (5825MHz)-2



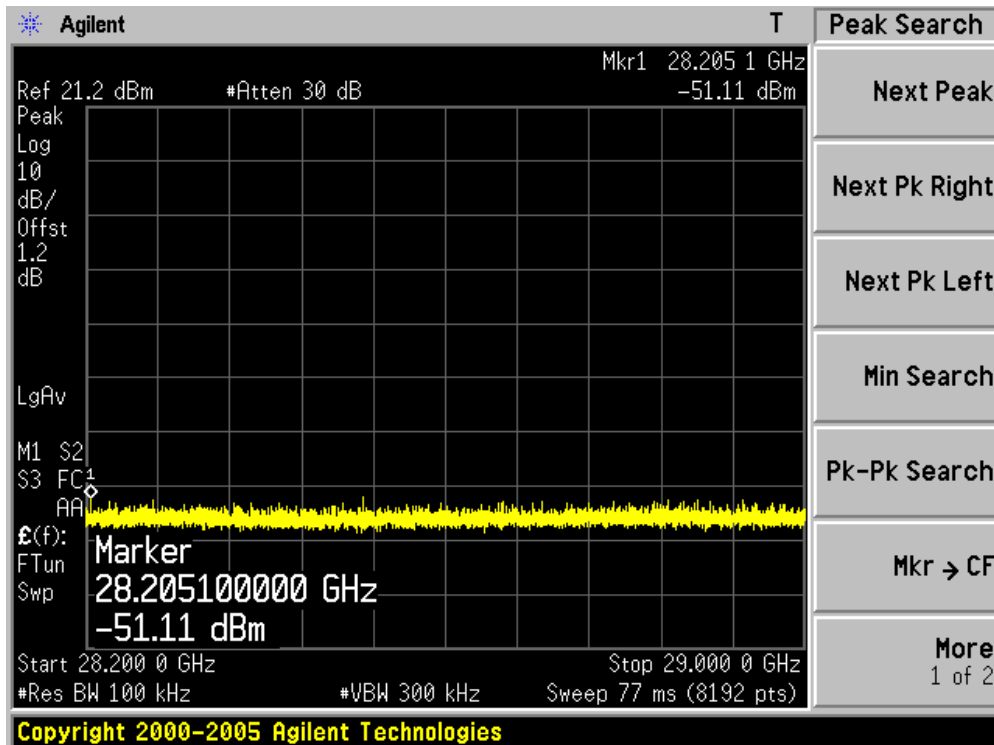
Channel 165 (5825MHz)-3



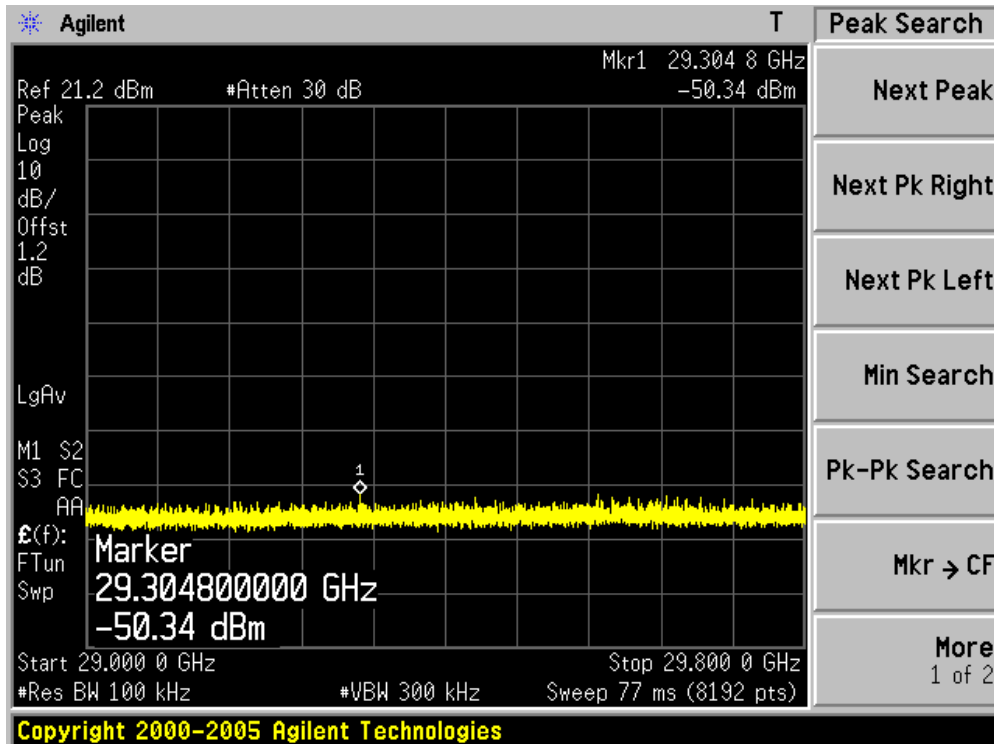
Channel 165 (5825MHz)-4



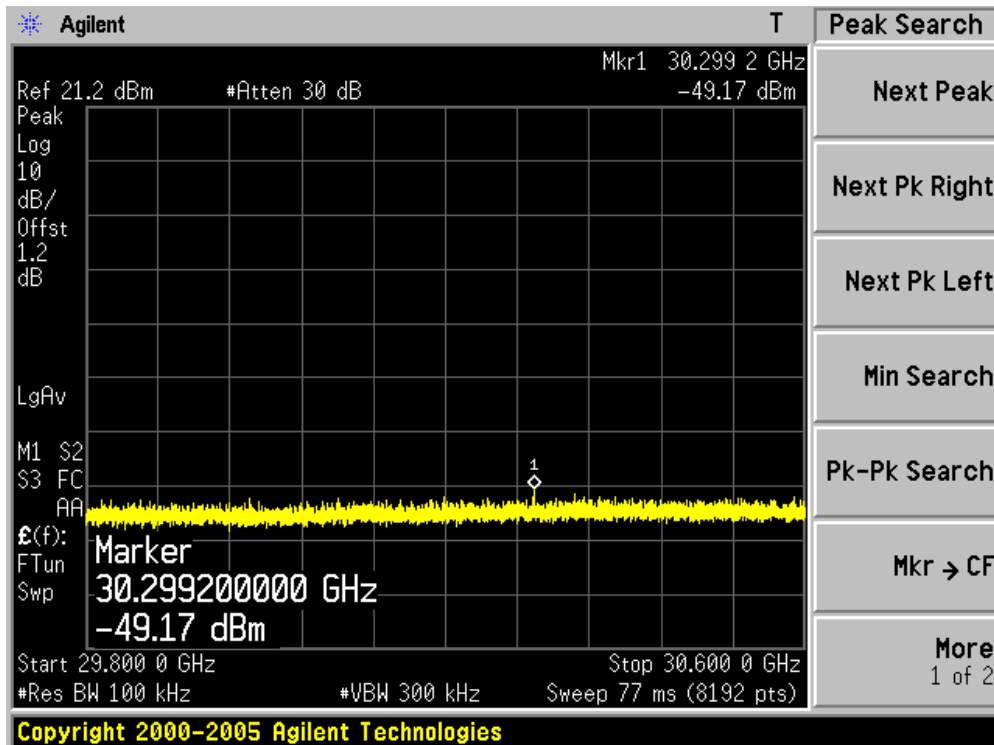
Channel 165 (5825MHz)-5



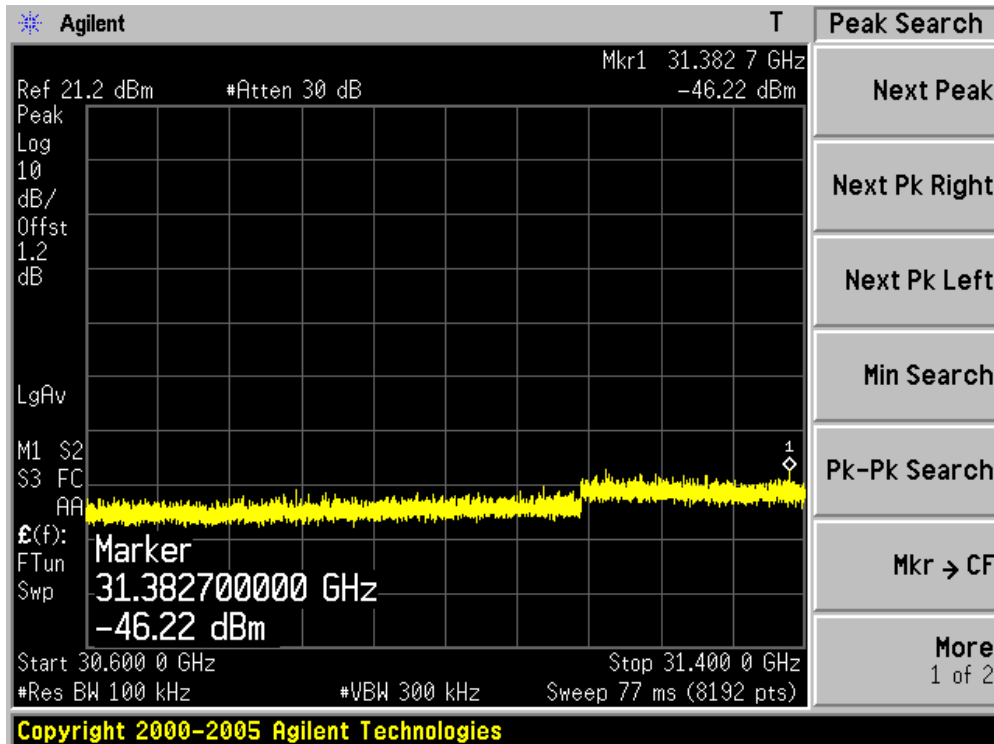
Channel 165 (5825MHz)-6



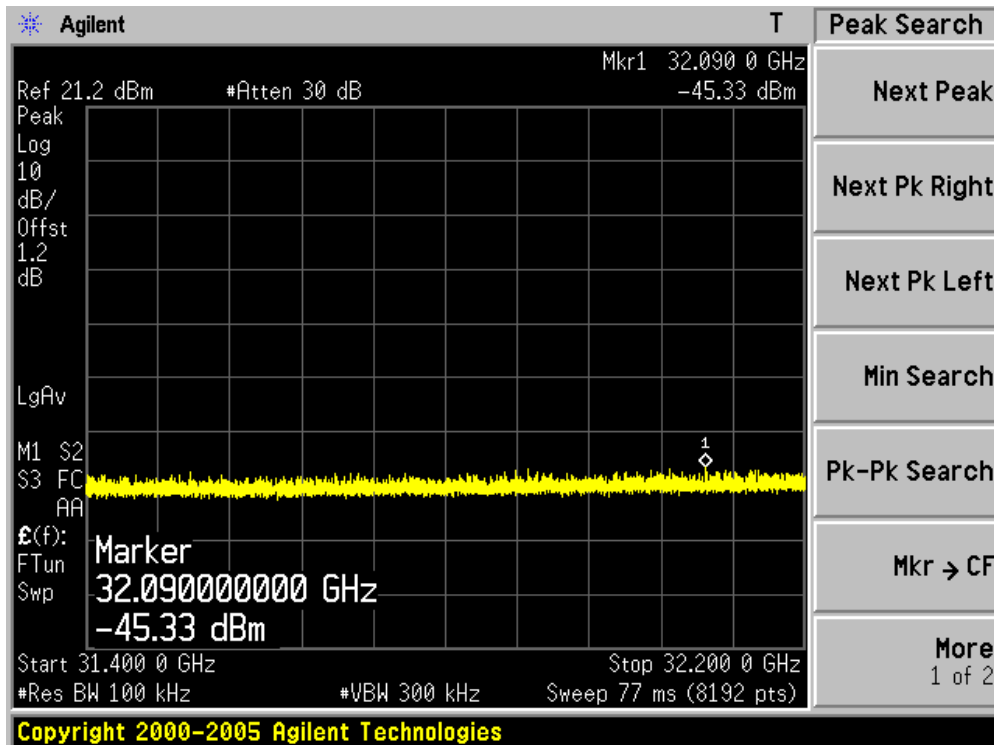
Channel 165 (5825MHz)-7



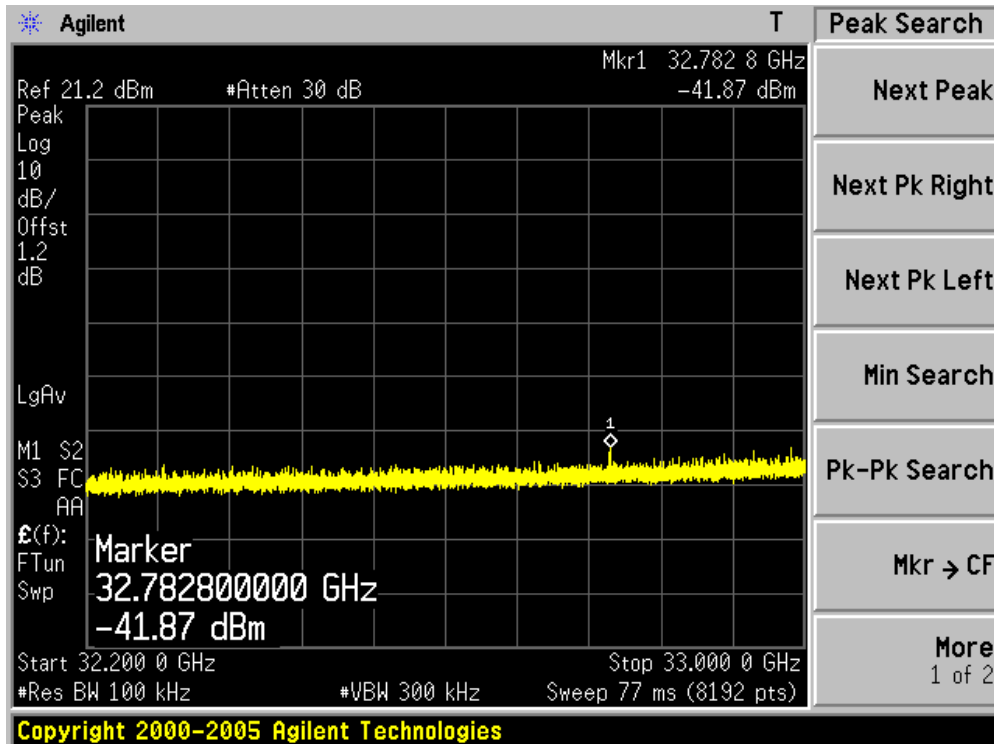
Channel 165 (5825MHz)-8



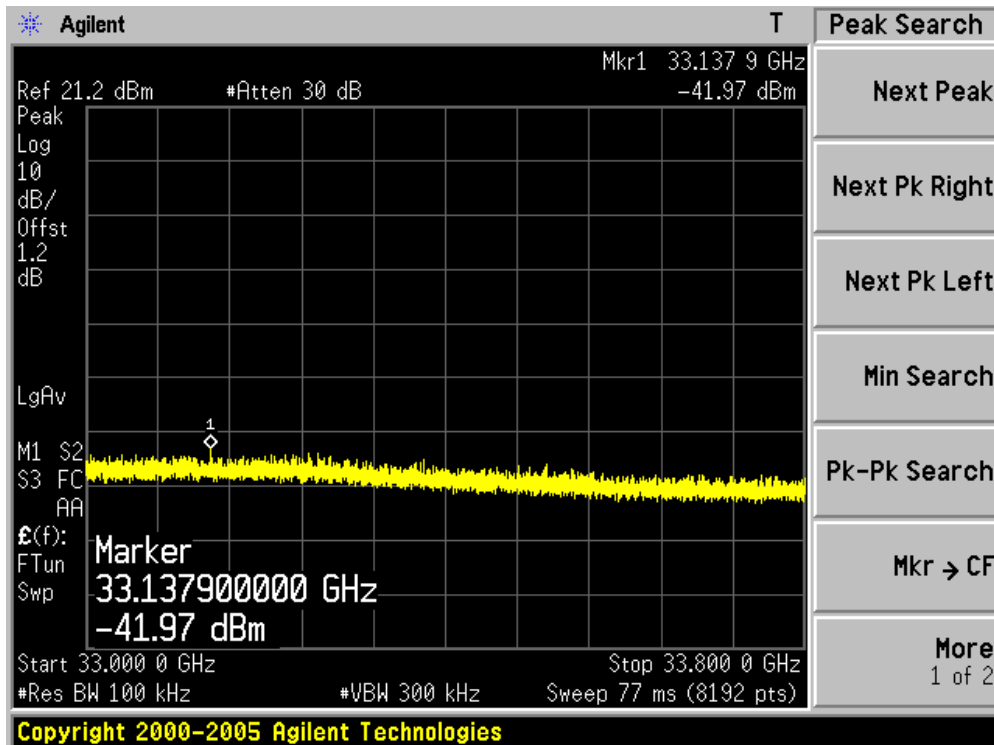
Channel 165 (5825MHz)-9



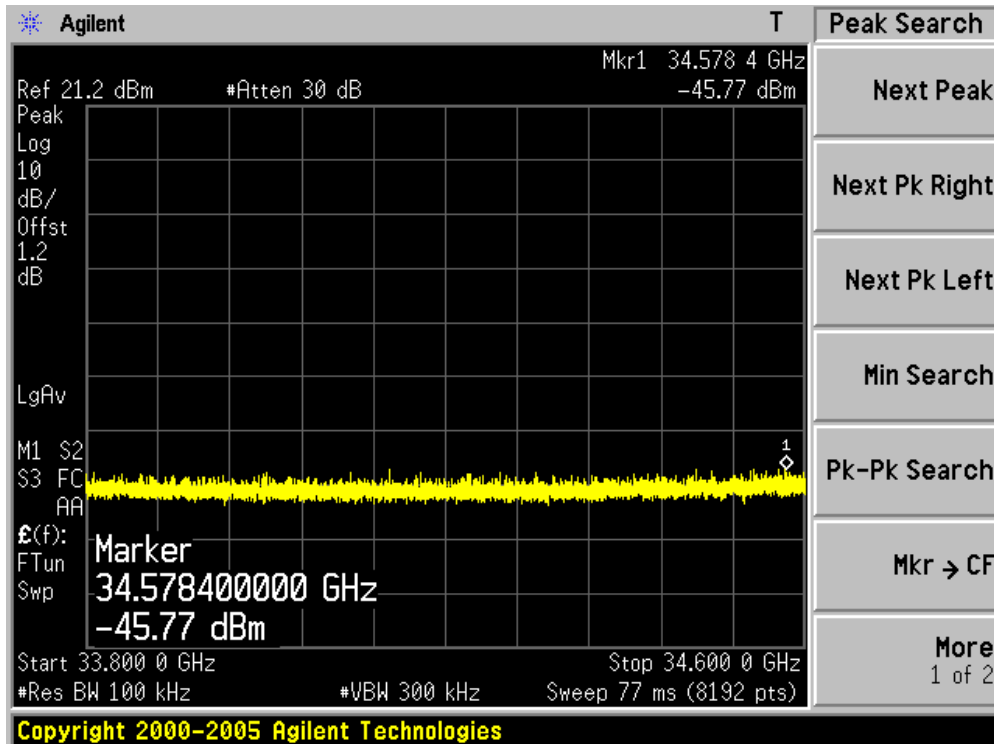
Channel 165 (5825MHz)-10



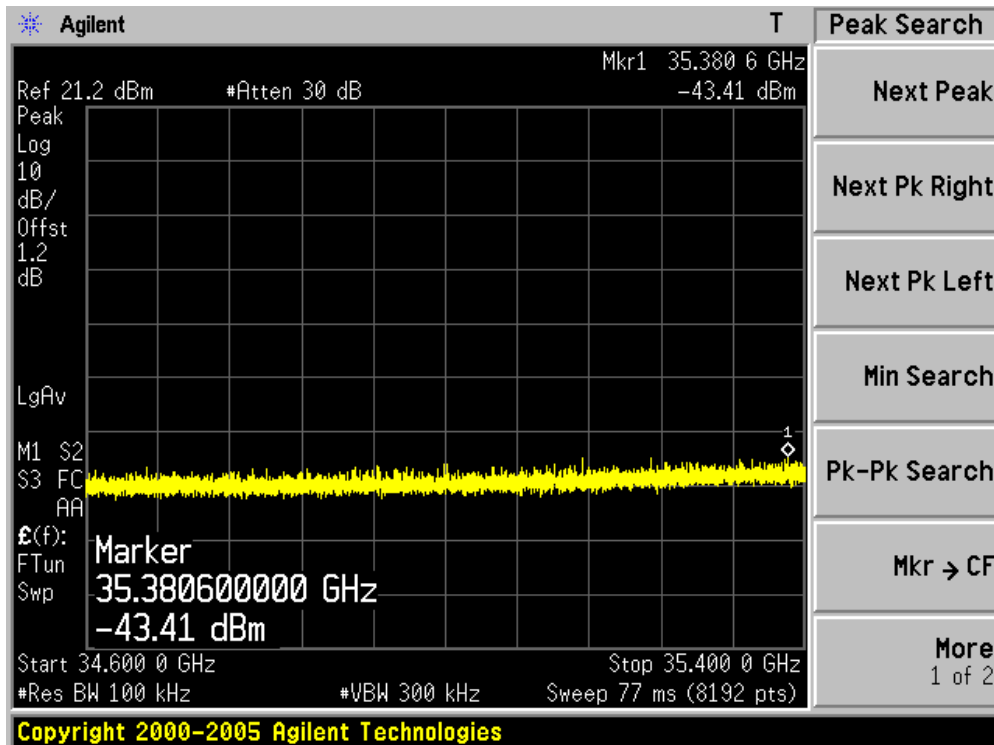
Channel 165 (5825MHz)-11



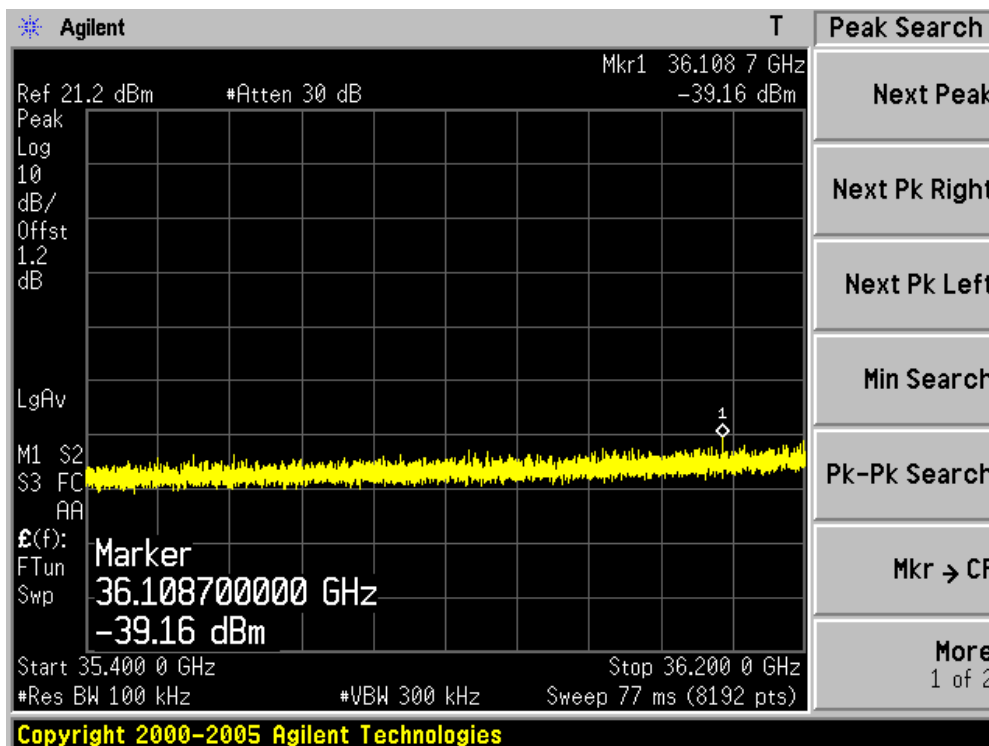
Channel 165 (5825MHz)-12



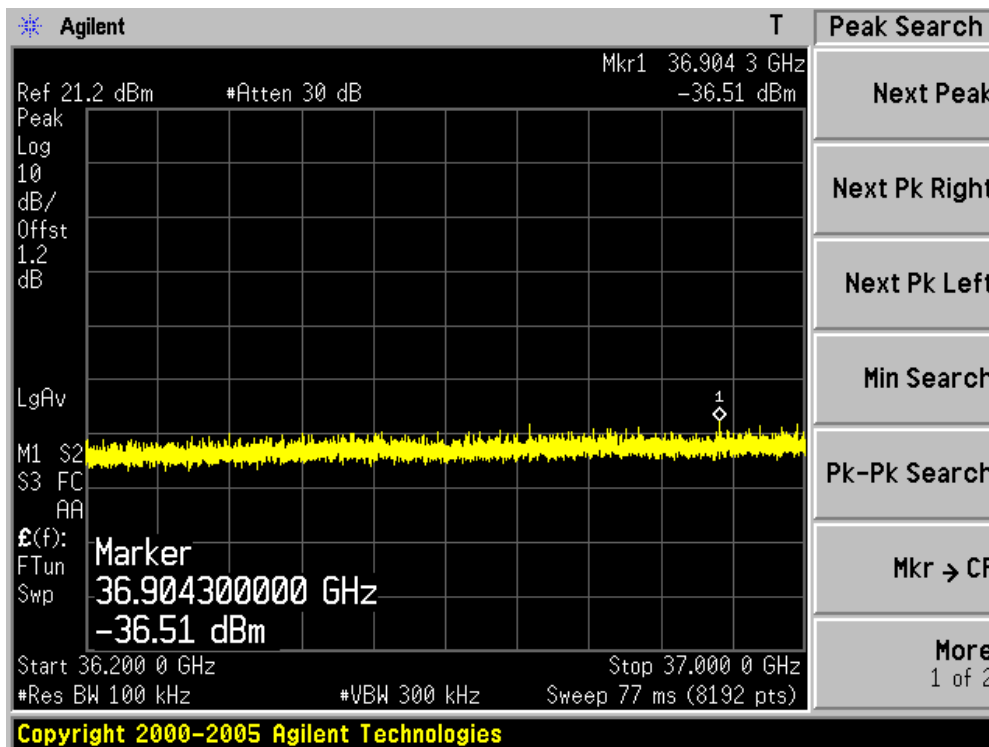
Channel 165 (5825MHz)-13



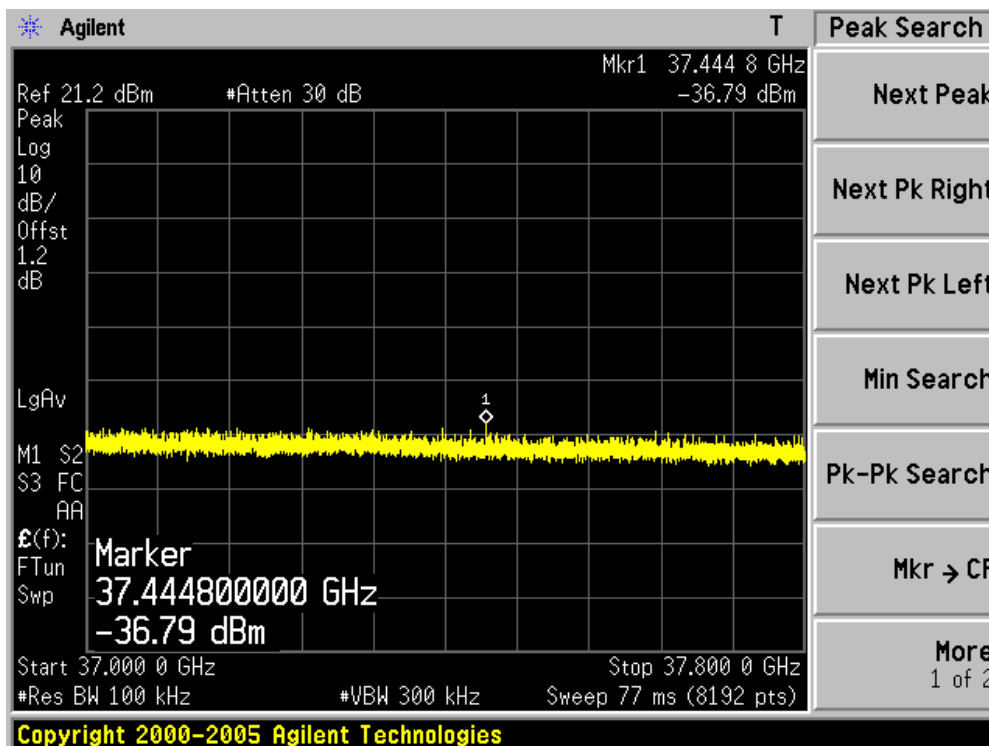
Channel 165 (5825MHz)-14



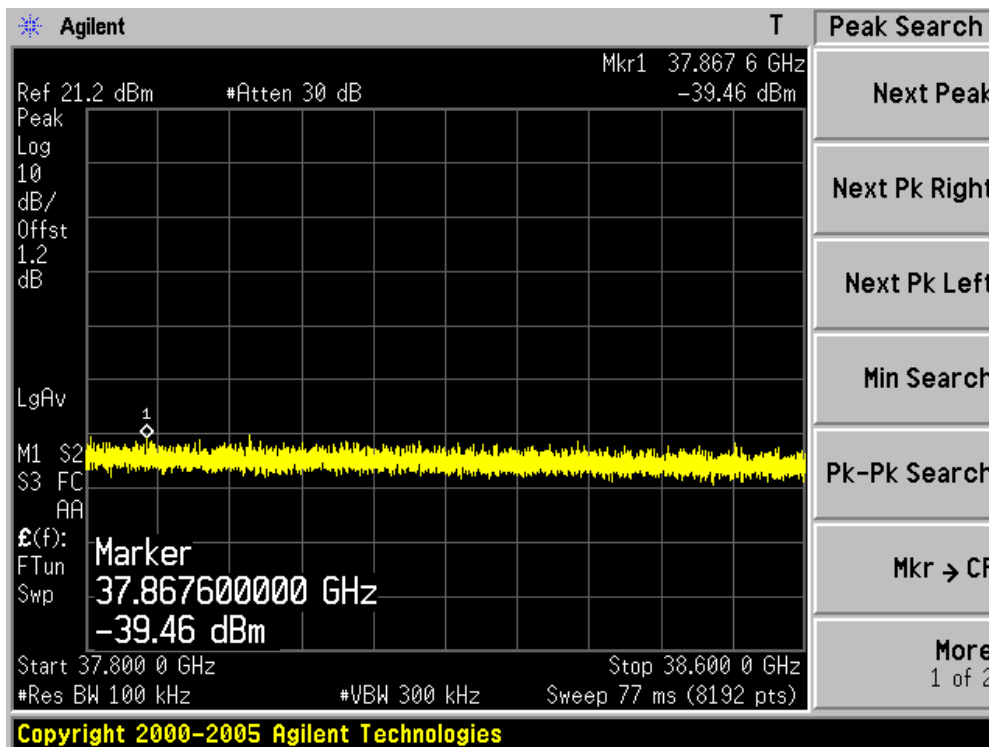
Channel 165 (5825MHz)-15



Channel 165 (5825MHz)-16

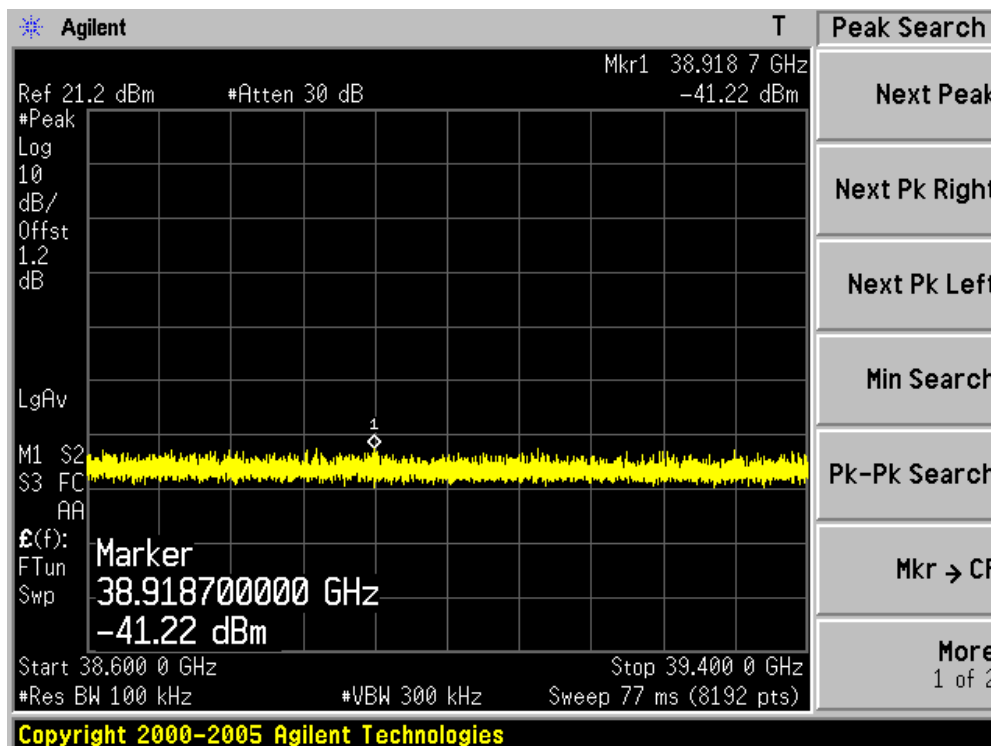


Channel 165 (5825MHz)-17

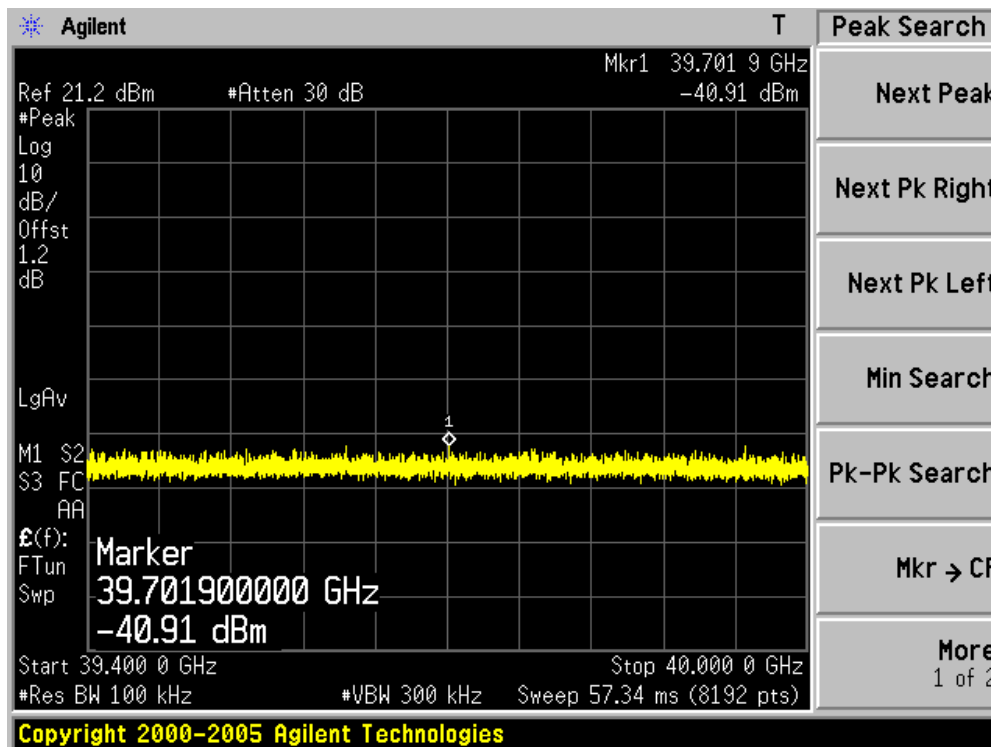




Channel 165 (5825MHz)-18

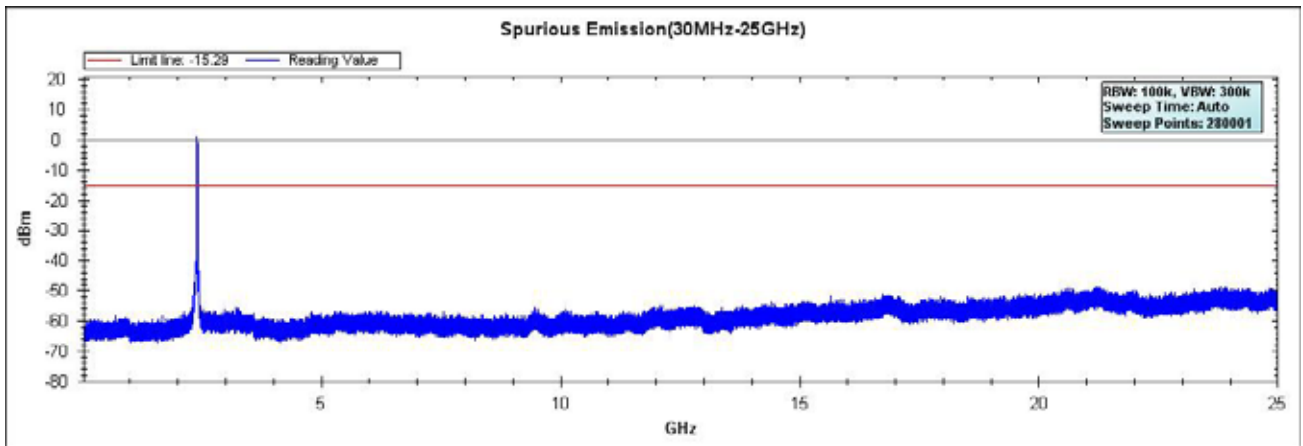


Channel 165 (5825MHz)-19

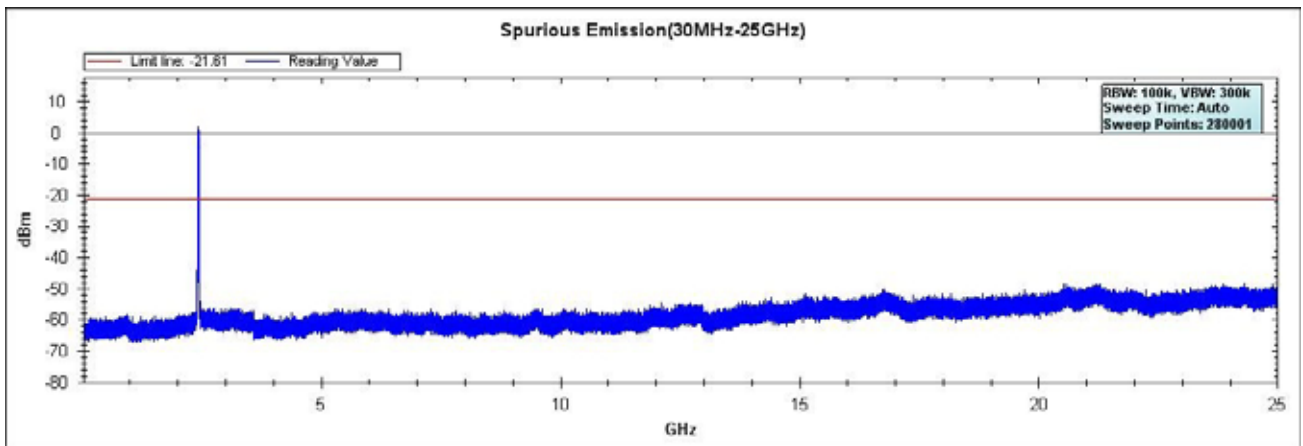


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 0)

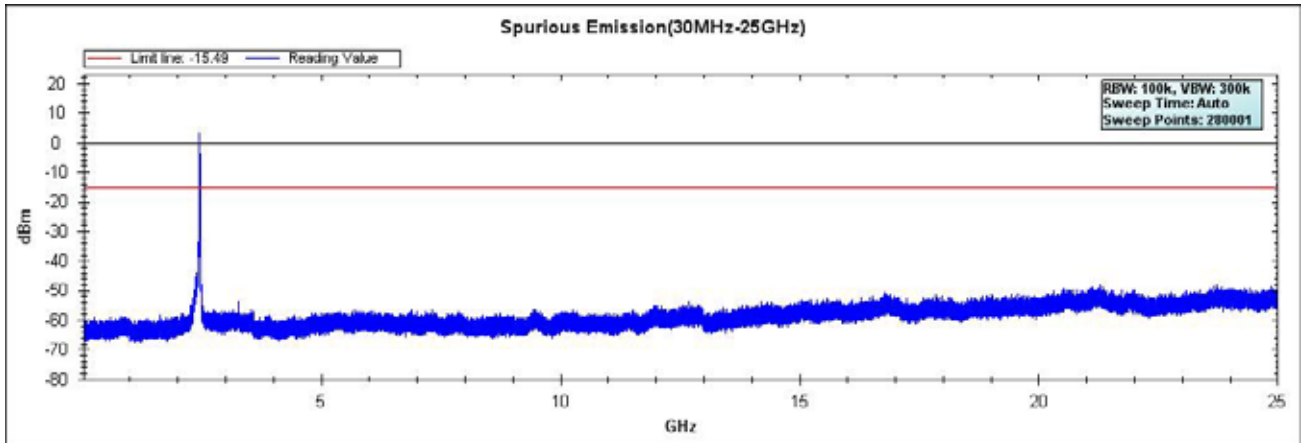
**Channel 01 (2412MHz)**



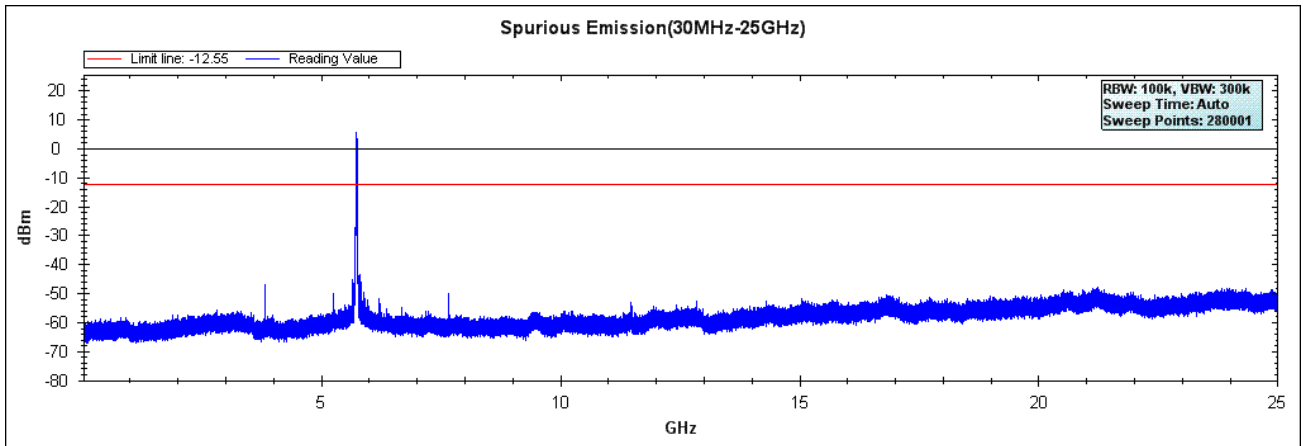
**Channel 06 (2437MHz)**



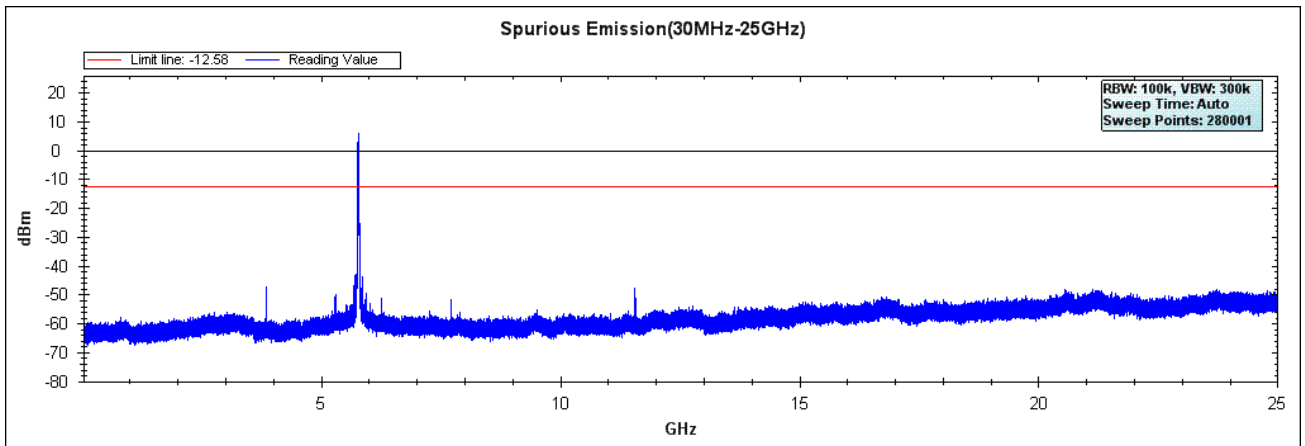
### Channel 11 (2462MHz)



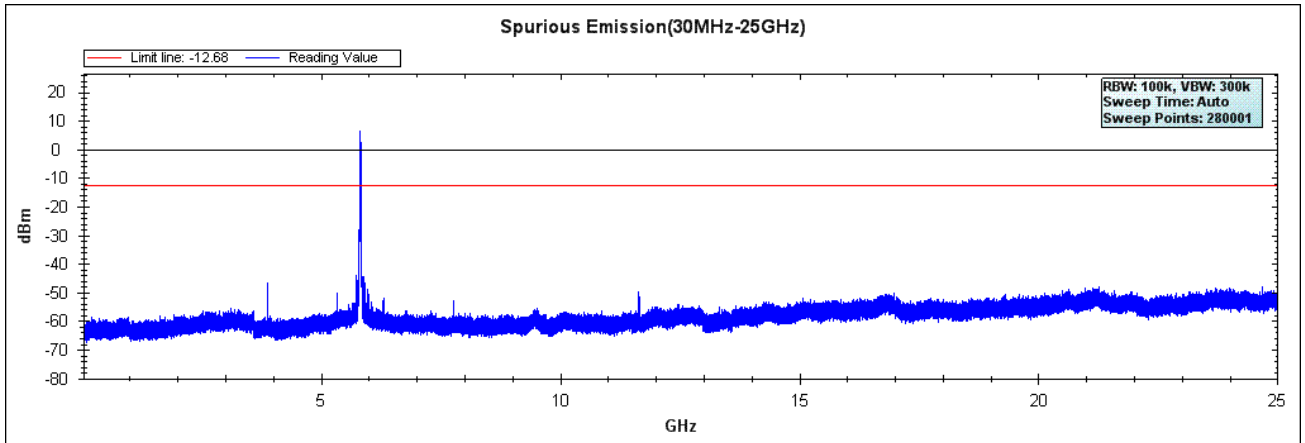
### Channel 149 (5745MHz)



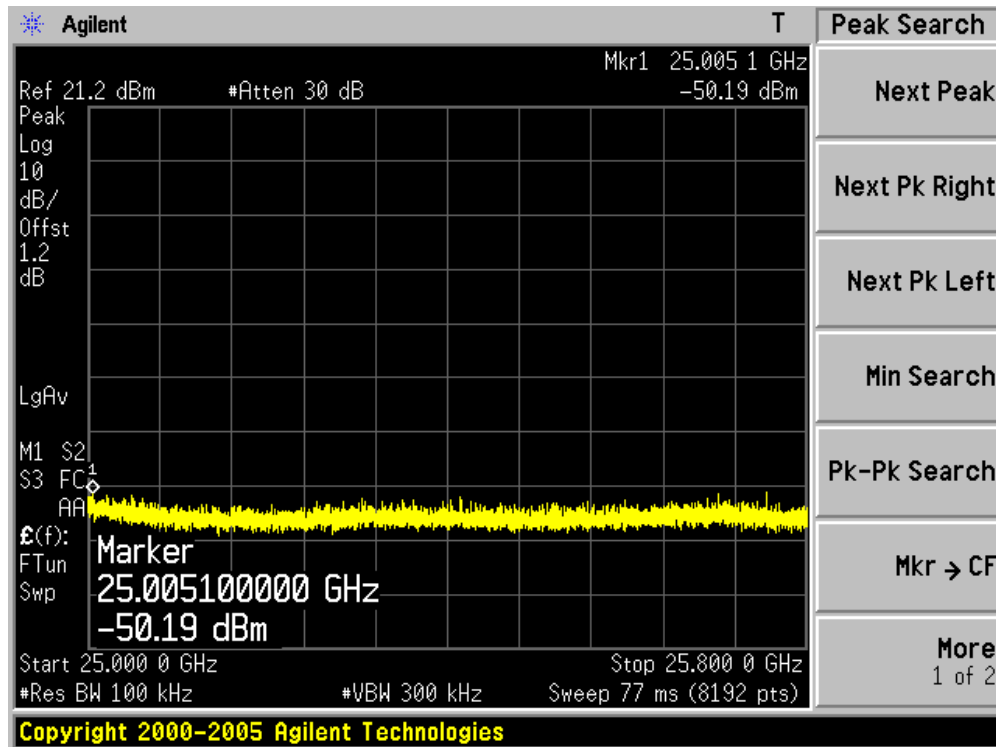
### Channel 157 (5785MHz)



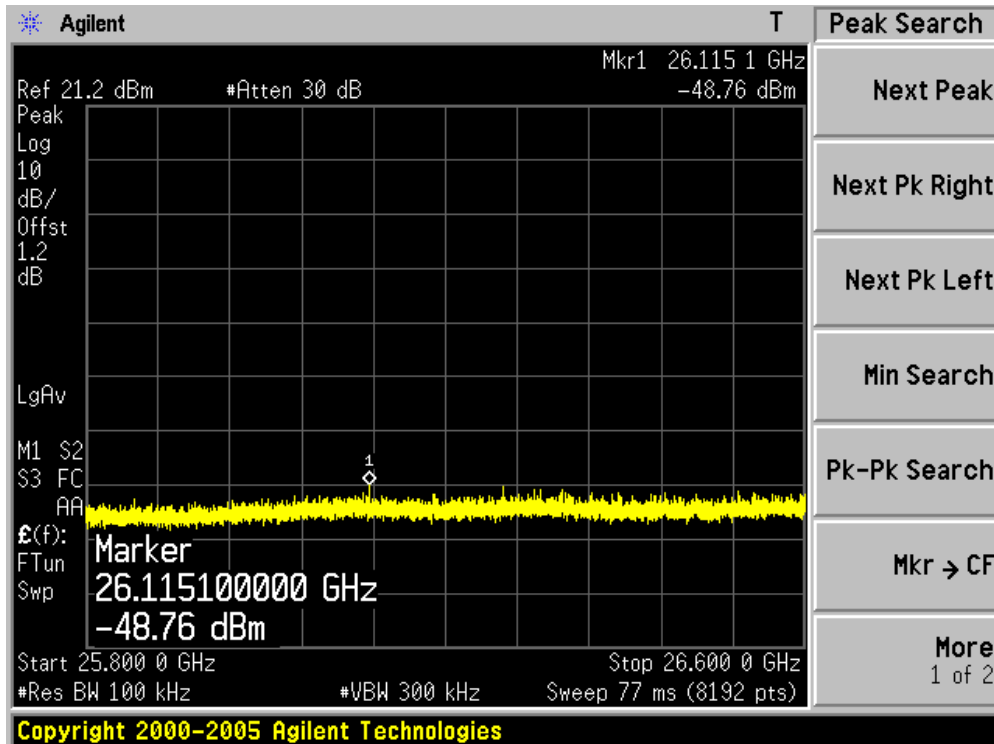
Channel 165 (5825MHz)



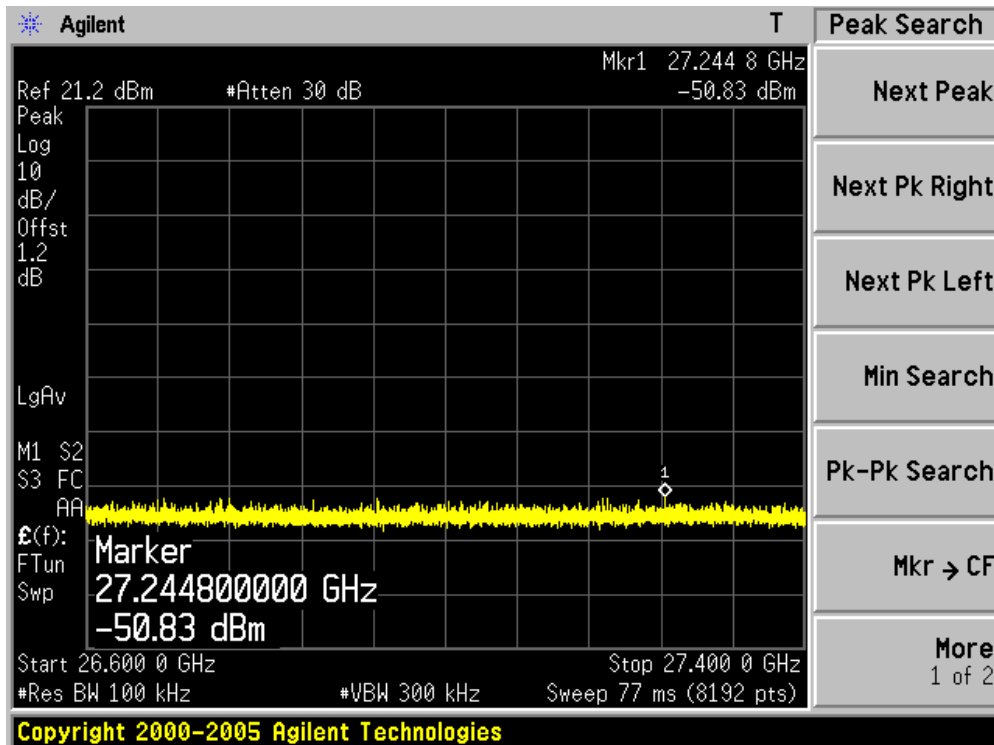
Channel 149 (5745MHz)-1



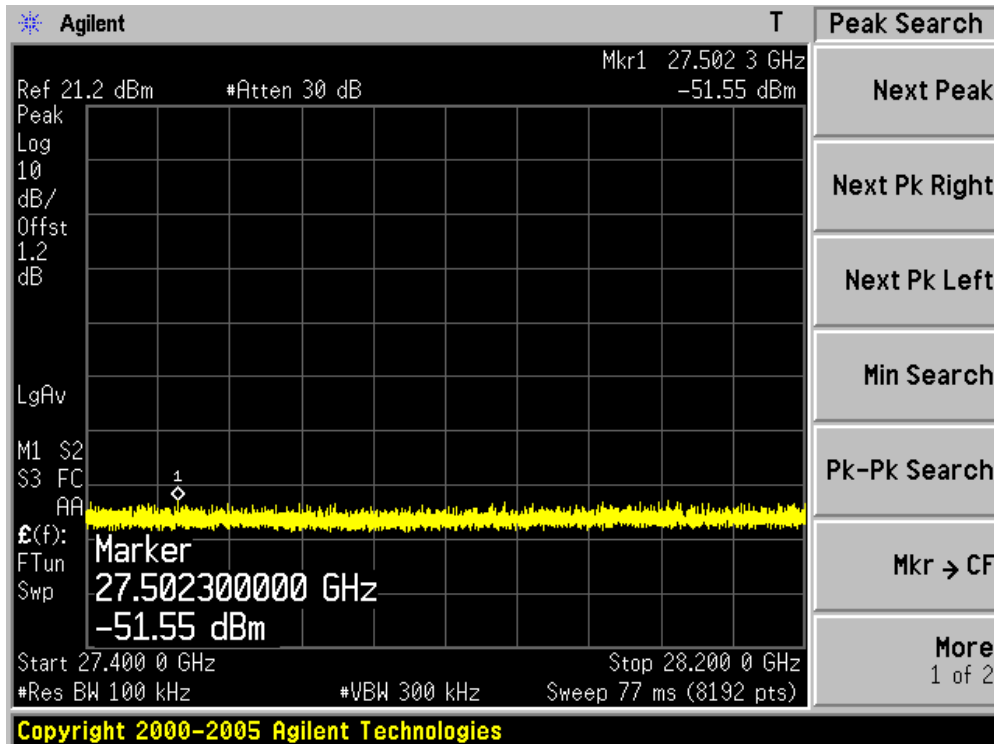
Channel 149 (5745MHz)-2



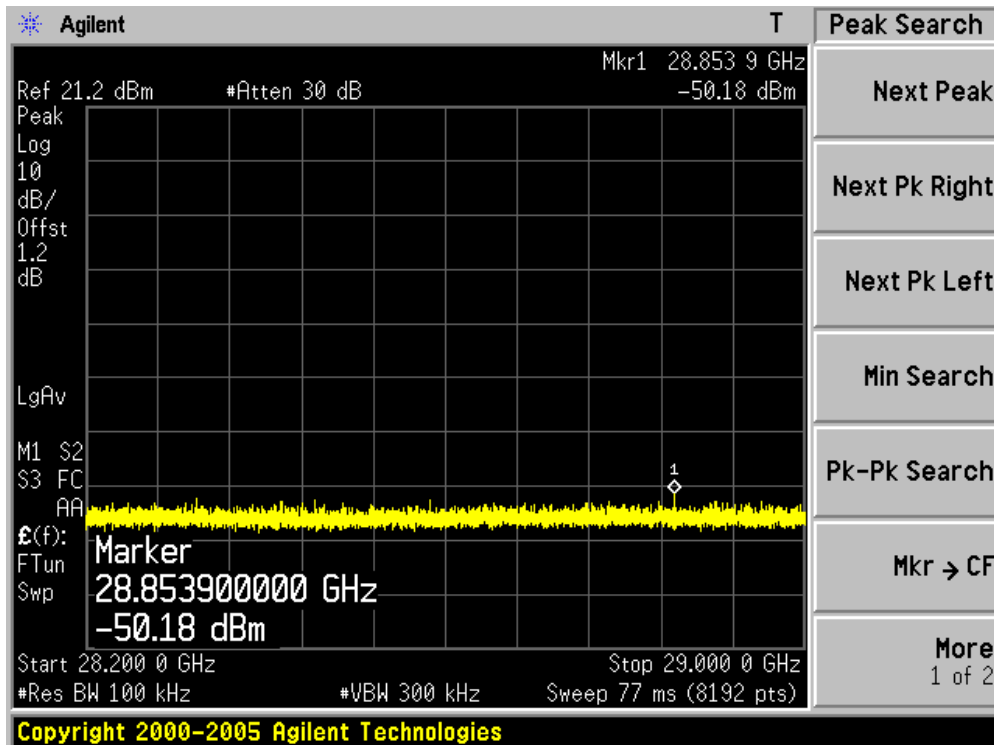
Channel 149 (5745MHz)-3



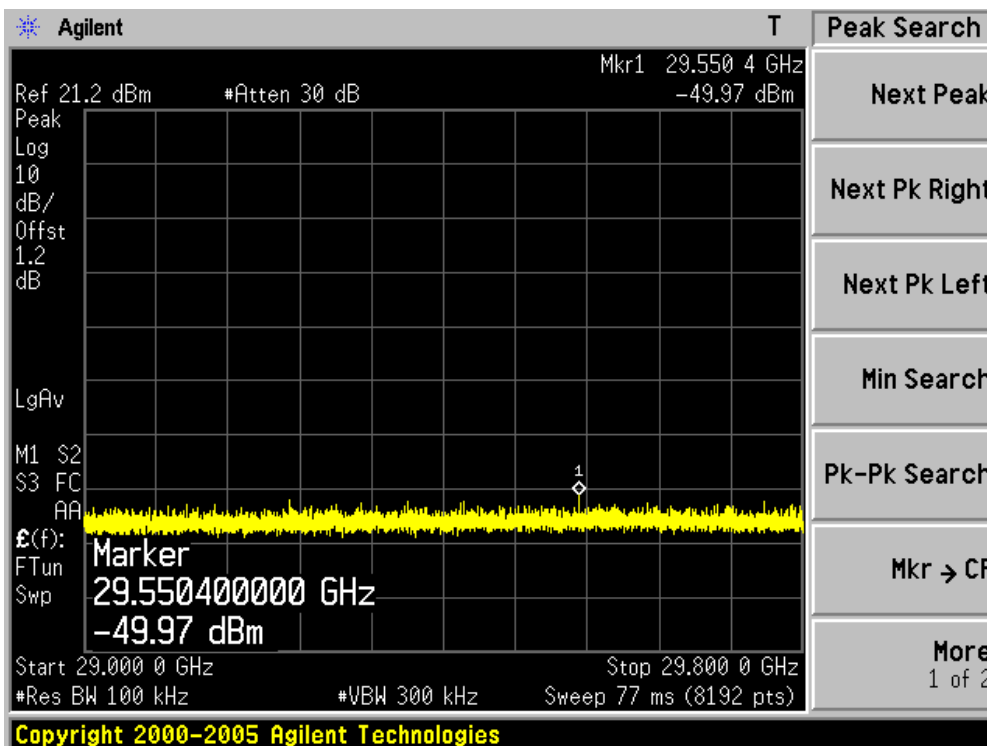
Channel 149 (5745MHz)-4



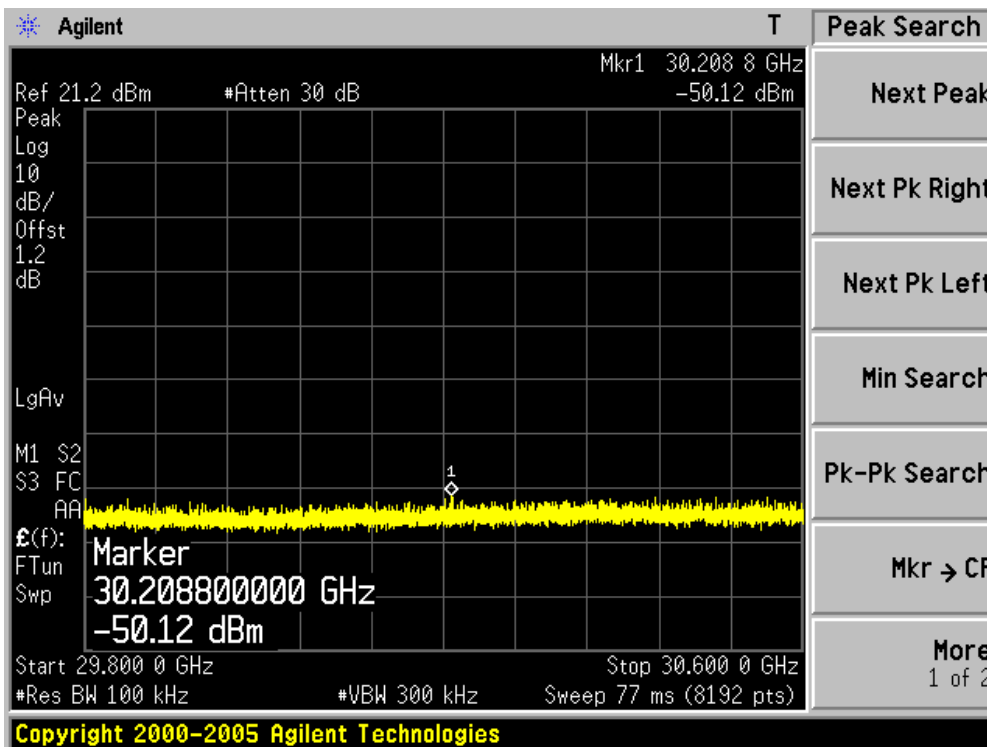
Channel 149 (5745MHz)-5



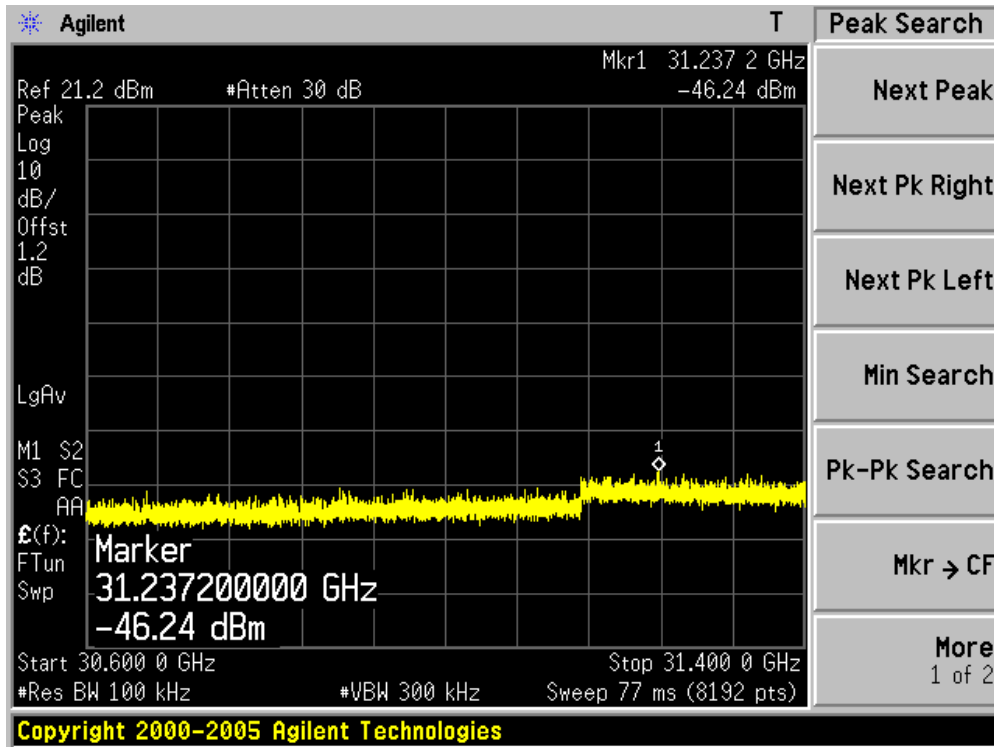
Channel 149 (5745MHz)-6



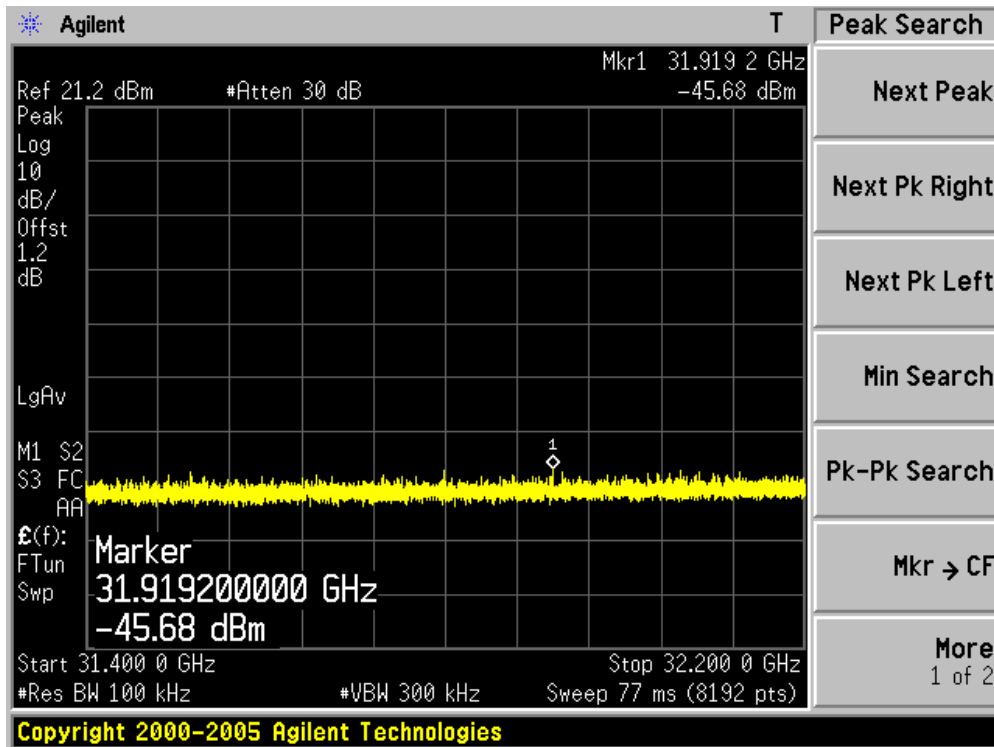
Channel 149 (5745MHz)-7



Channel 149 (5745MHz)-8

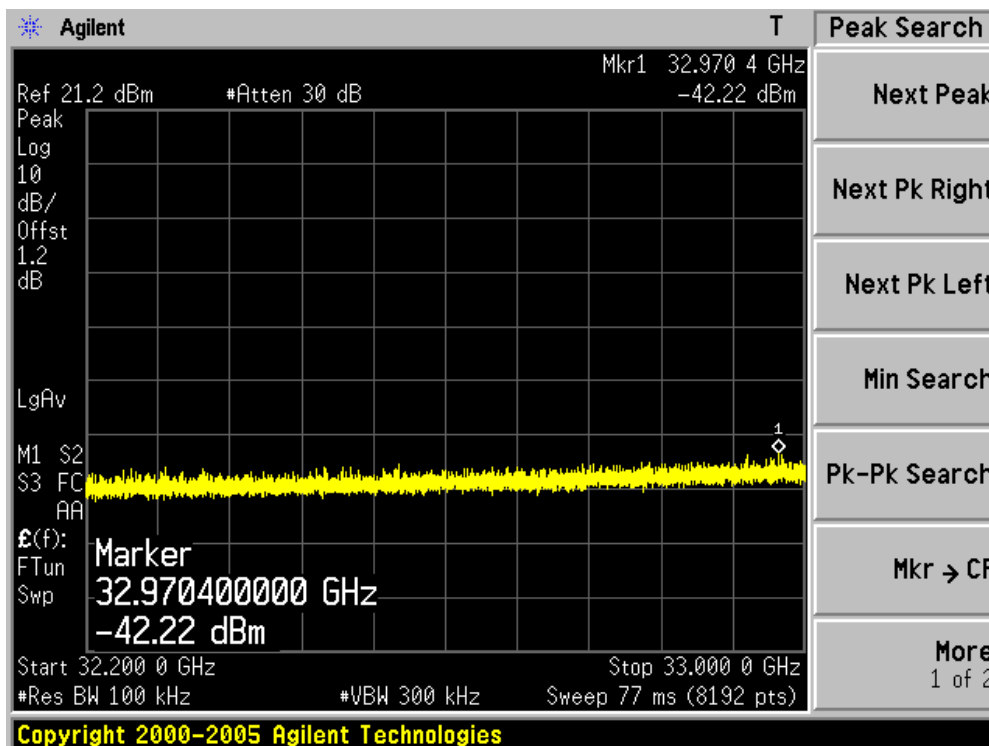


Channel 149 (5745MHz)-9

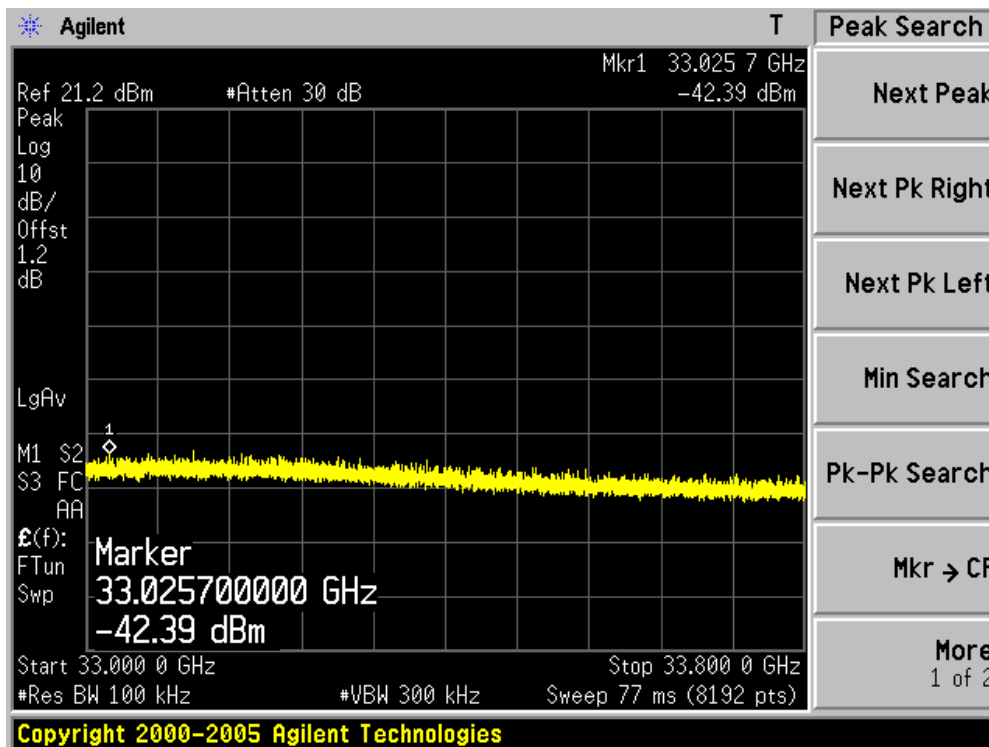




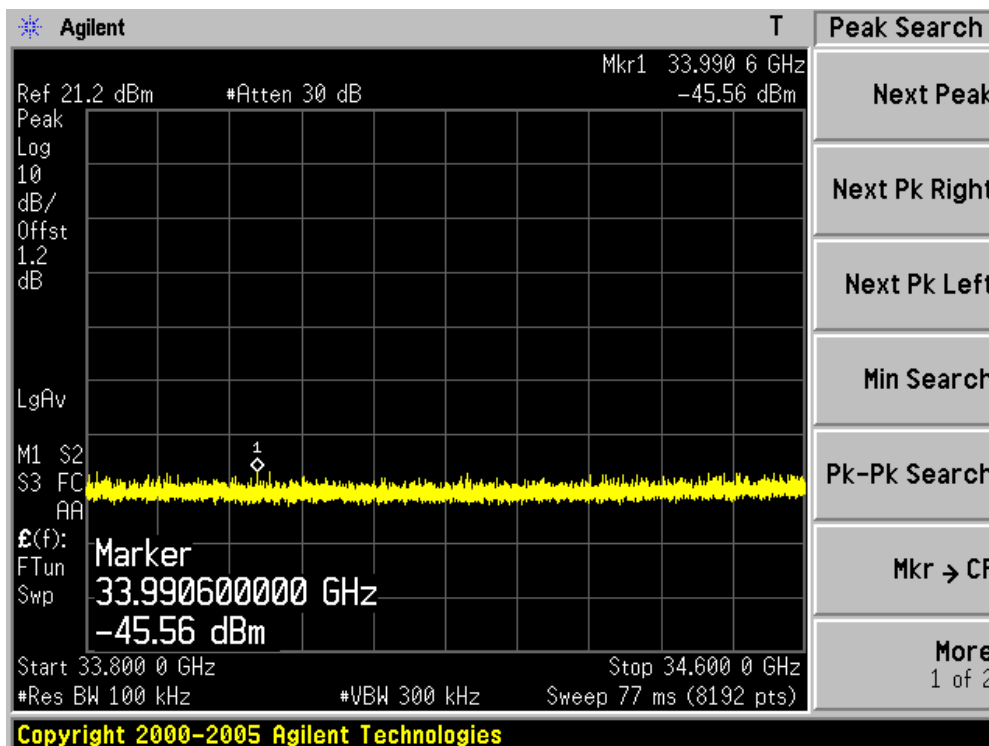
Channel 149 (5745MHz)-10



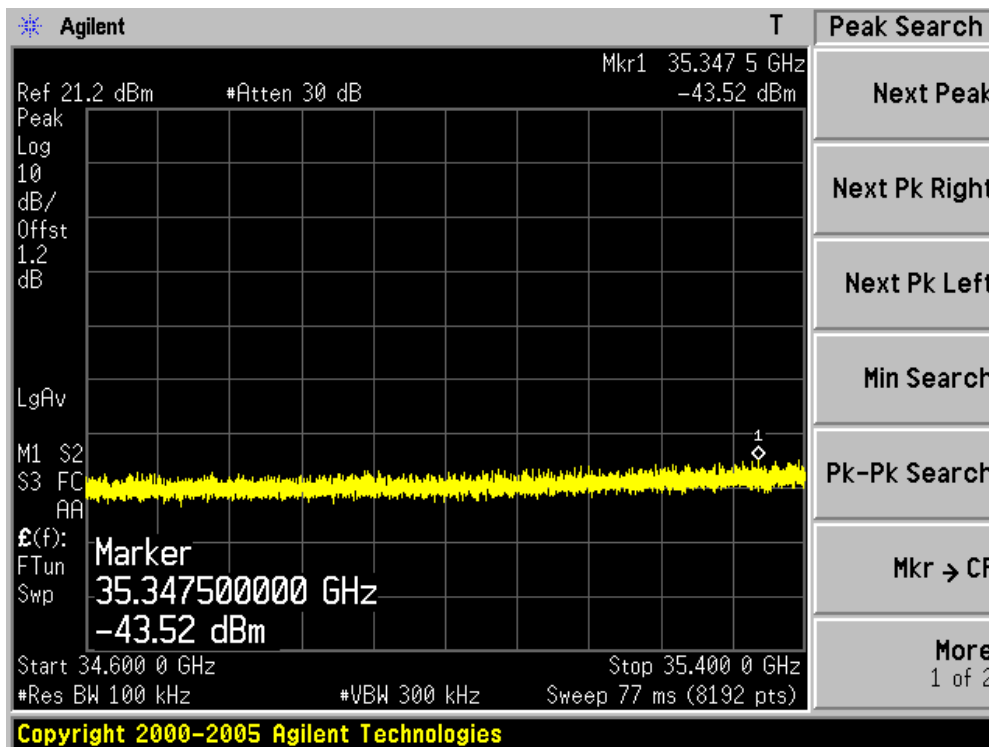
Channel 149 (5745MHz)-11



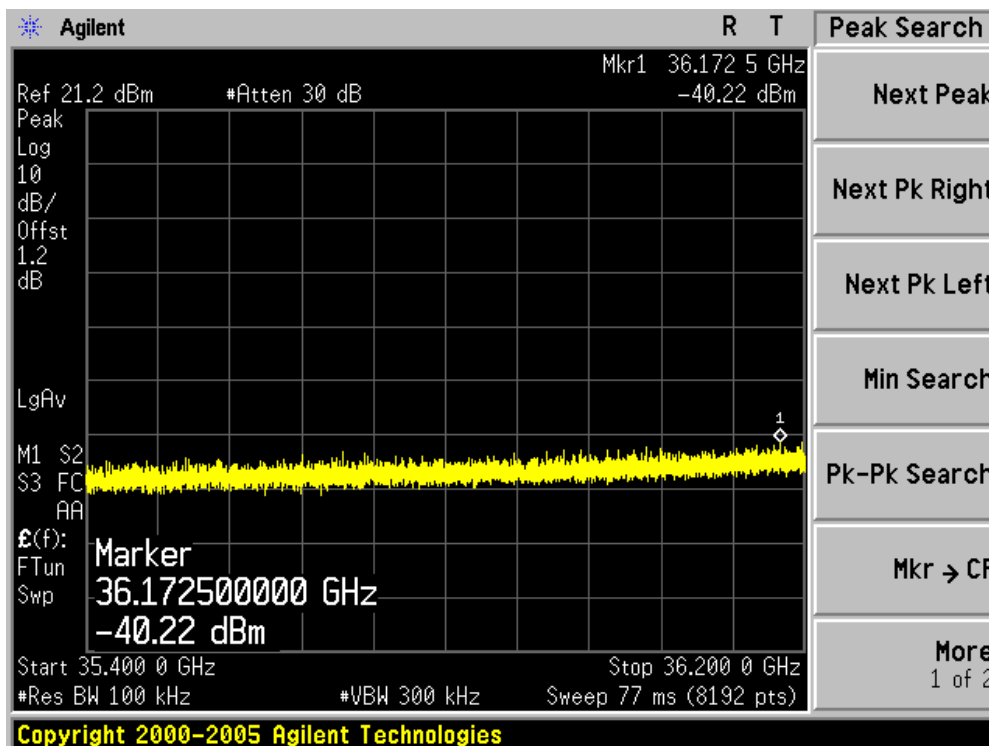
Channel 149 (5745MHz)-12



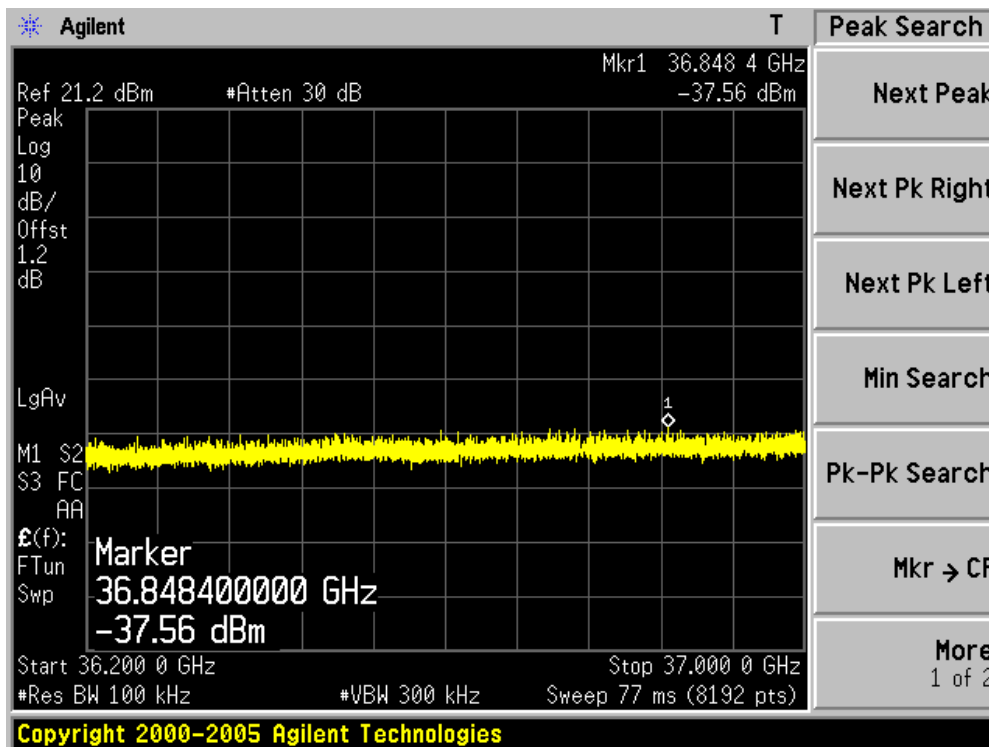
Channel 149 (5745MHz)-13



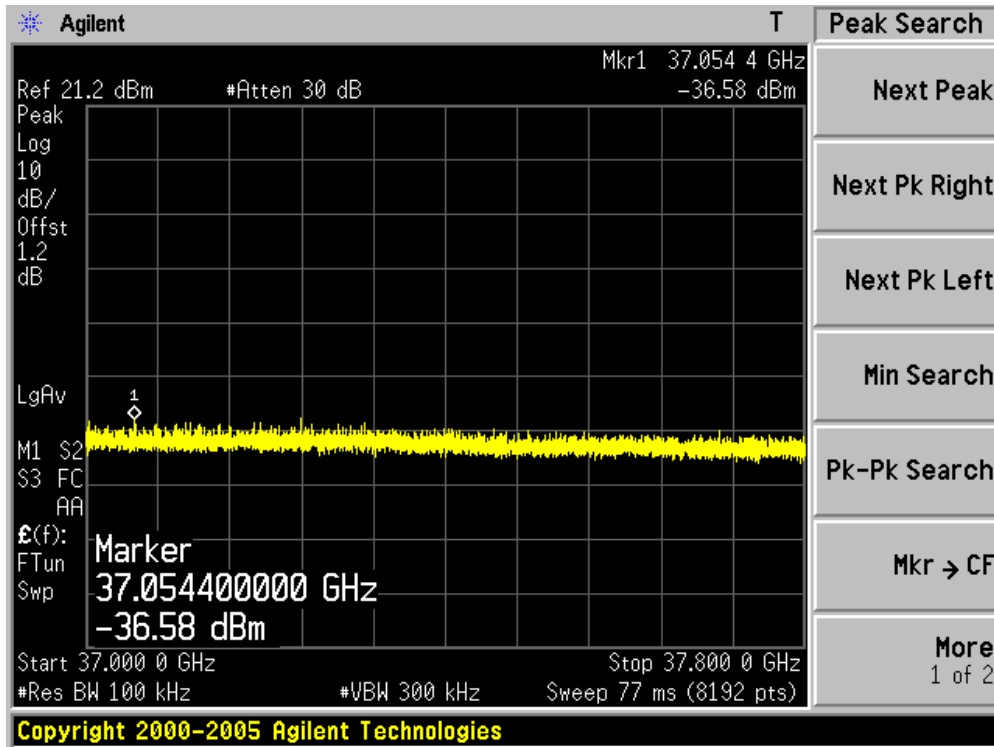
Channel 149 (5745MHz)-14



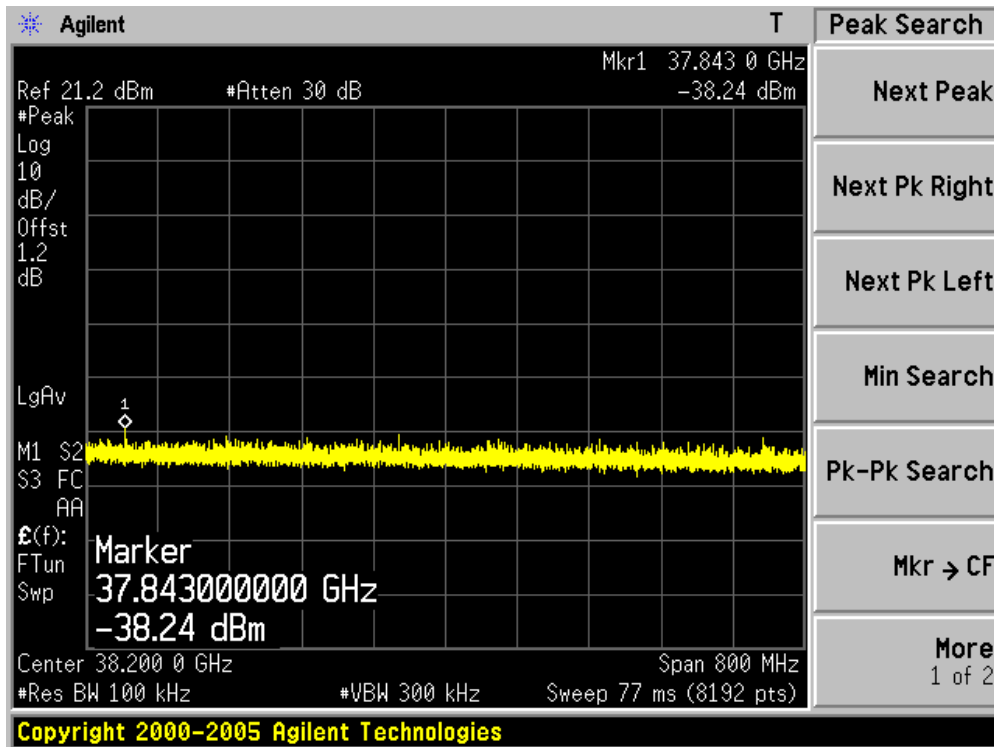
Channel 149 (5745MHz)-15



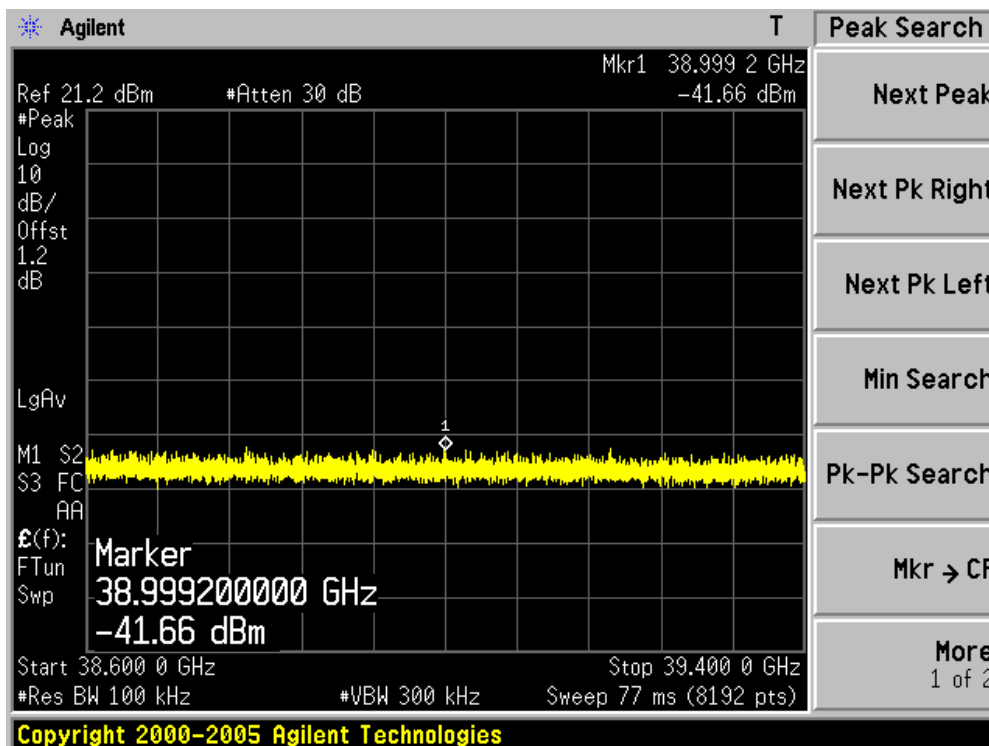
Channel 149 (5745MHz)-16



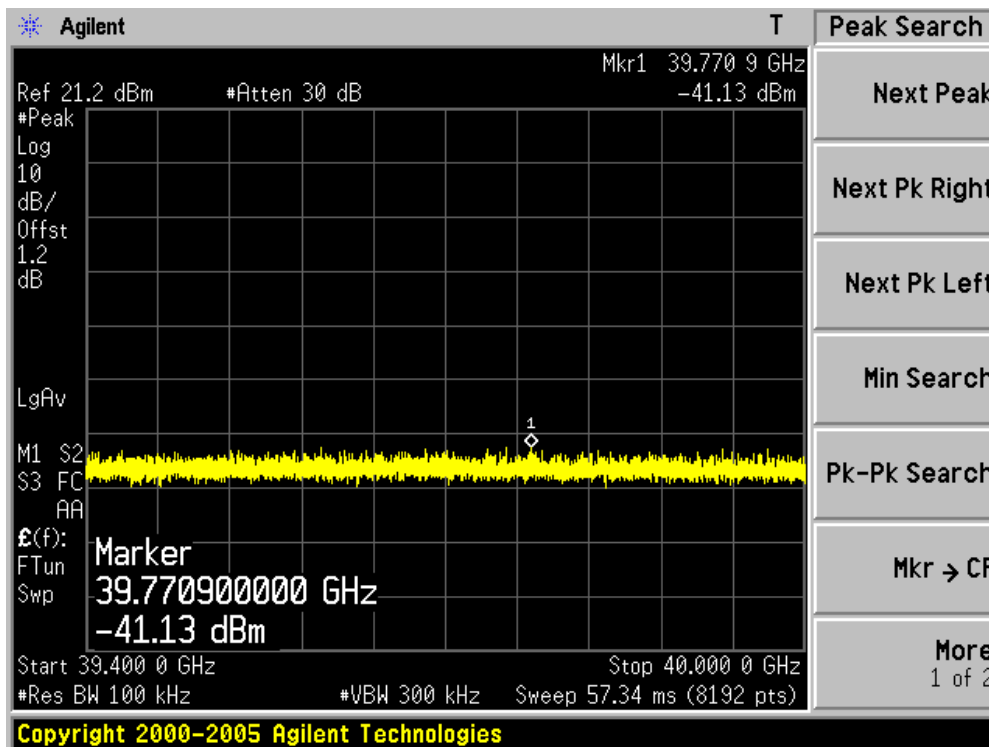
Channel 149 (5745MHz)-17



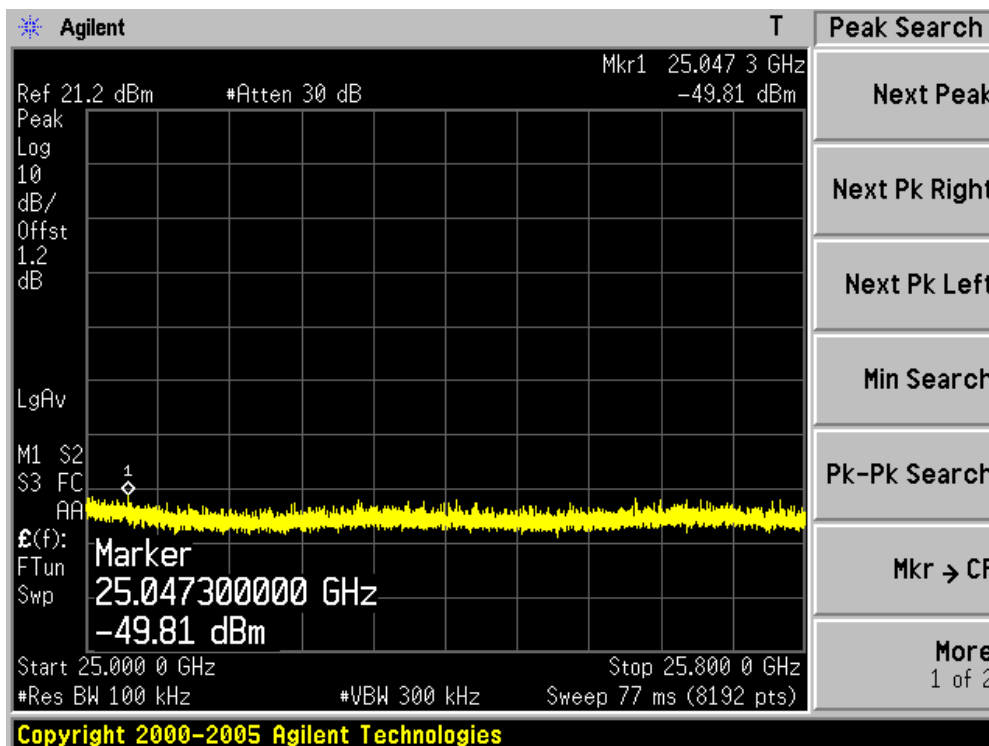
Channel 149 (5745MHz)-18



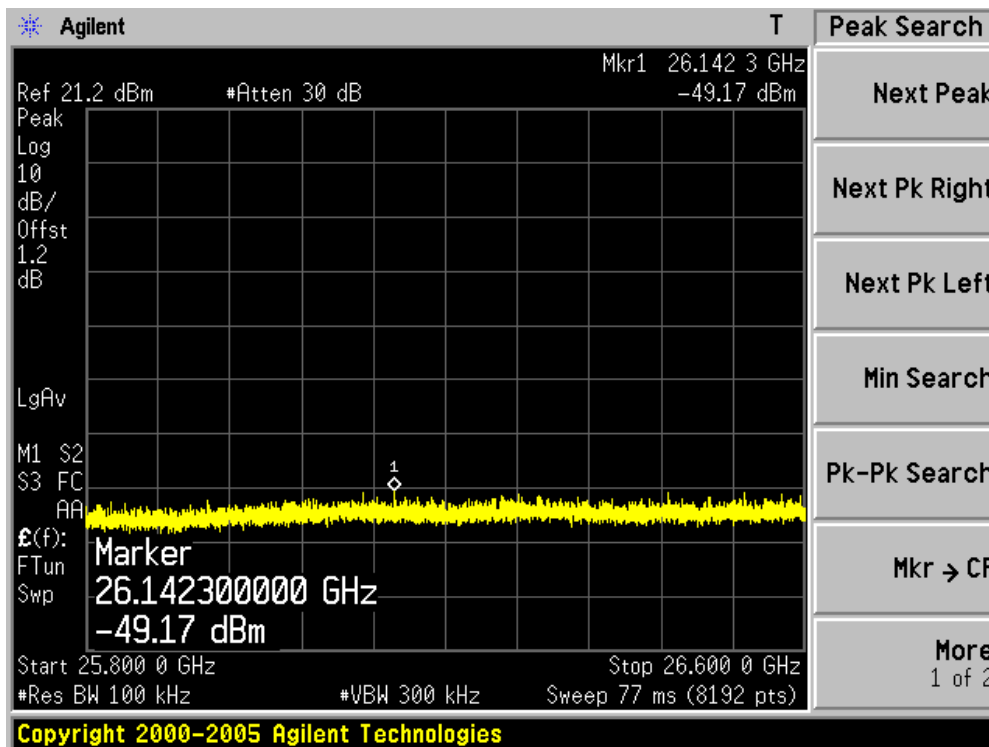
Channel 149 (5745MHz)-19



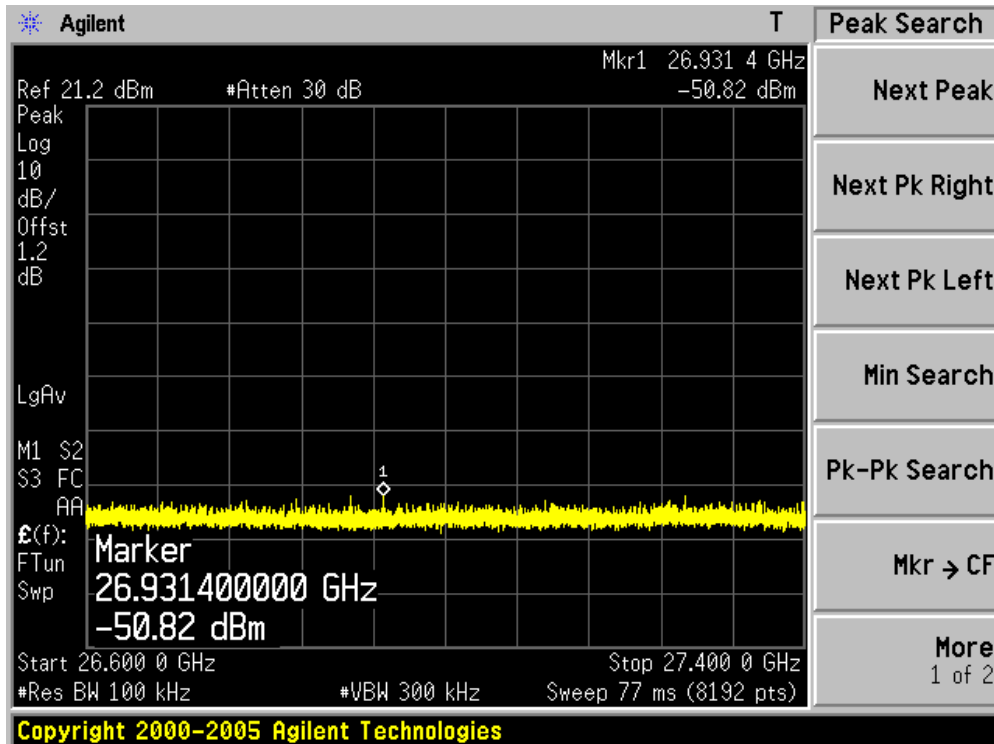
Channel 157 (5785MHz)-1



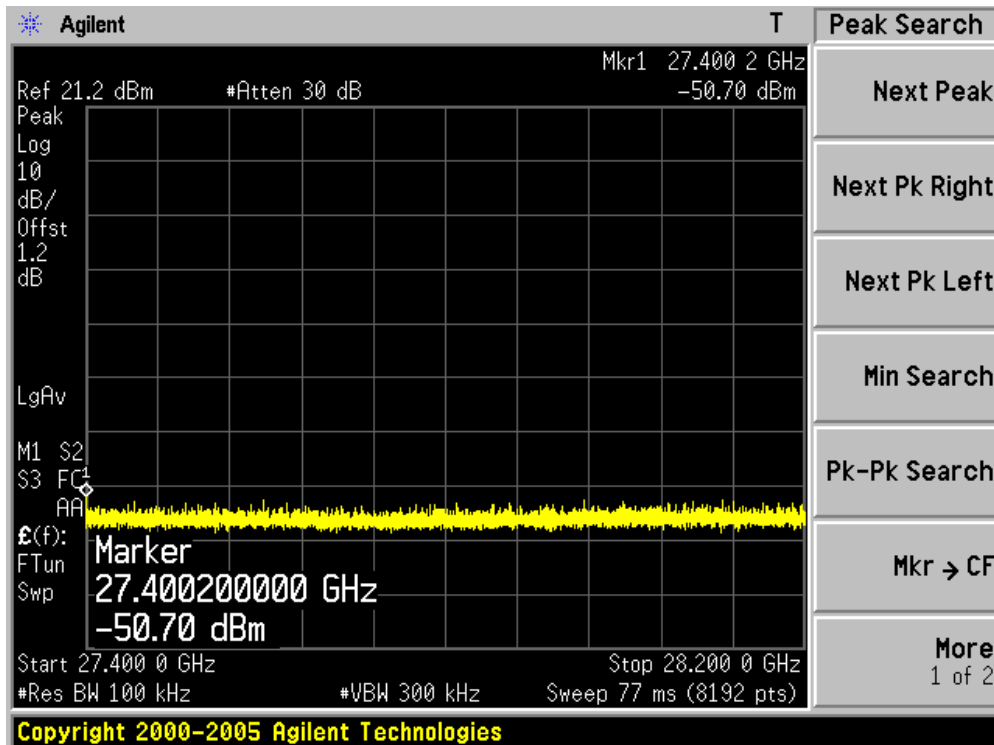
Channel 157 (5785MHz)-2



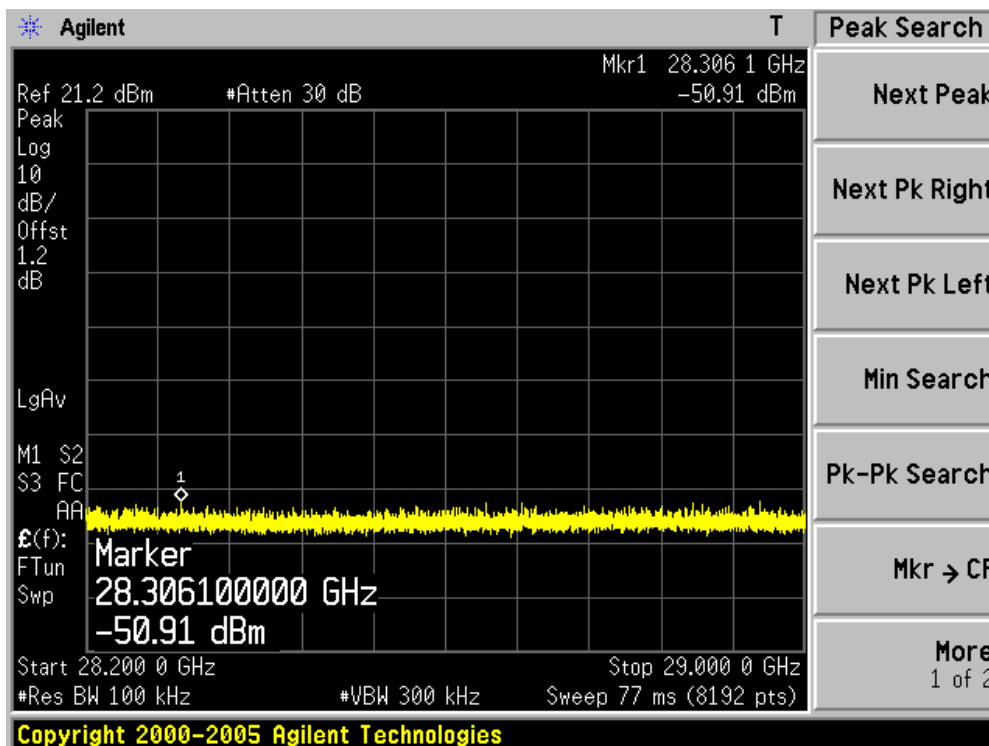
Channel 157 (5785MHz)-3



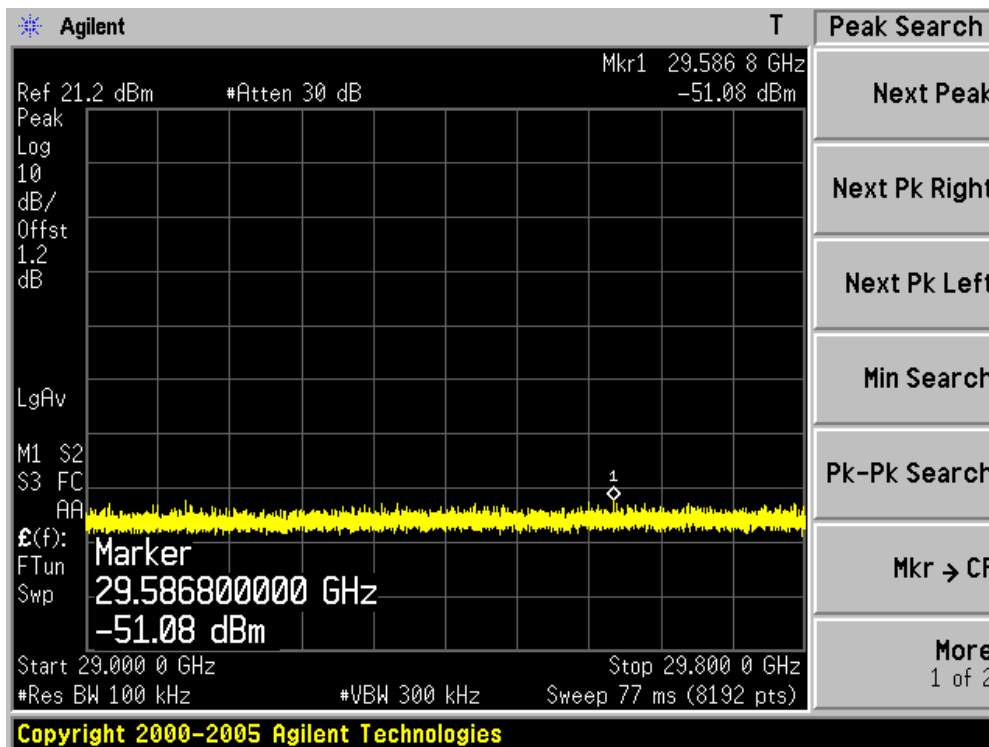
Channel 157 (5785MHz)-4



Channel 157 (5785MHz)-5

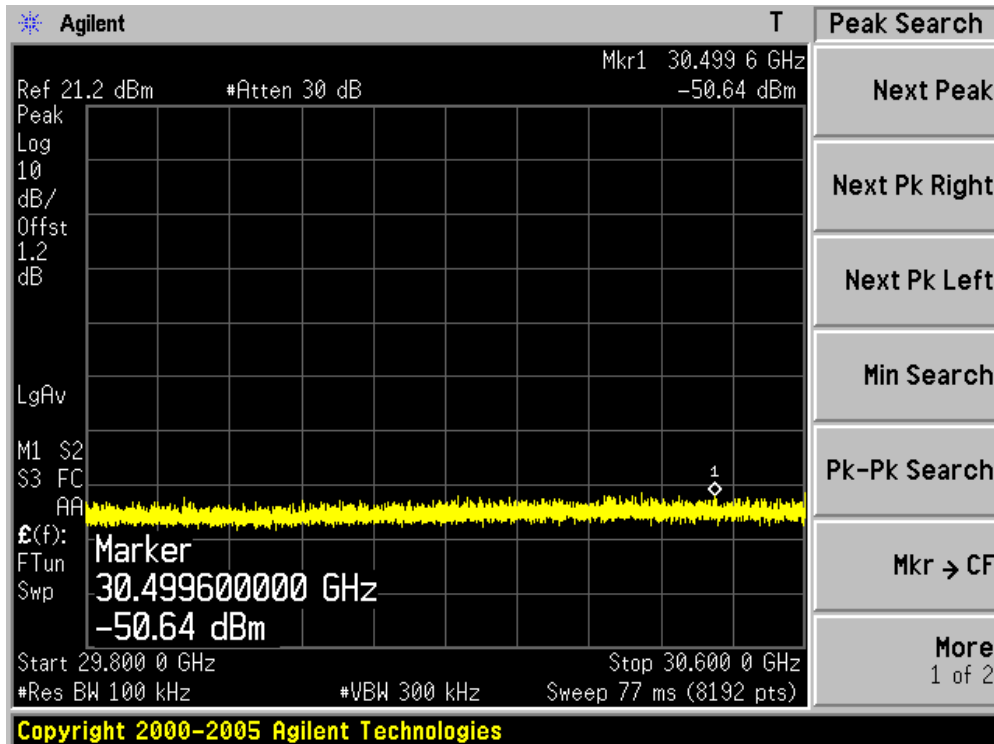


Channel 157 (5785MHz)-6

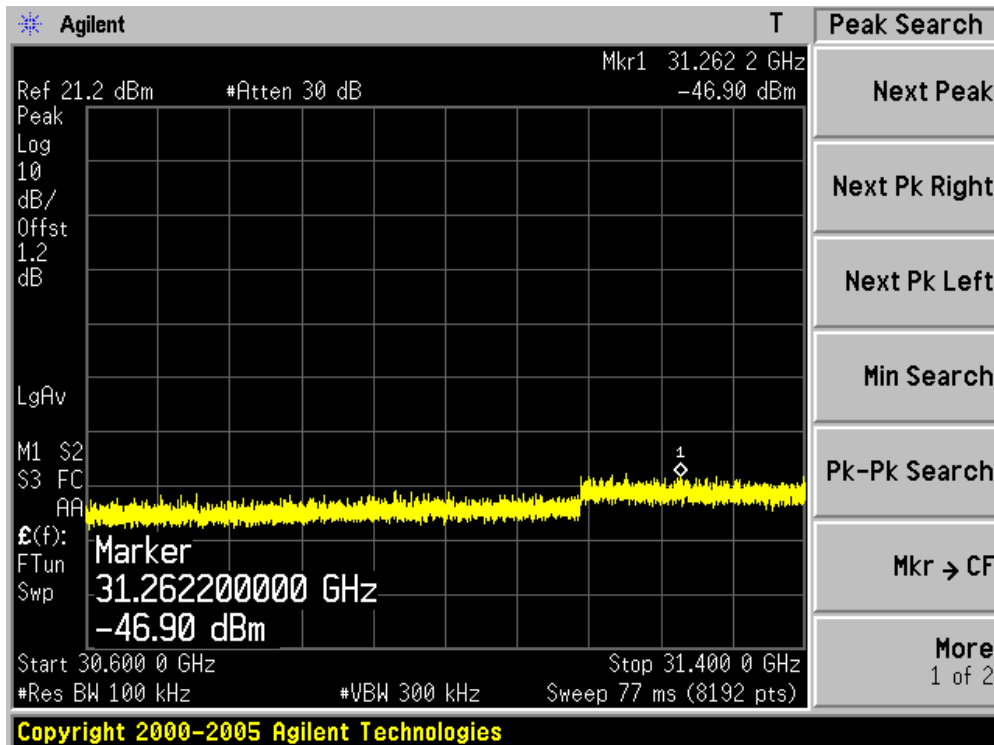




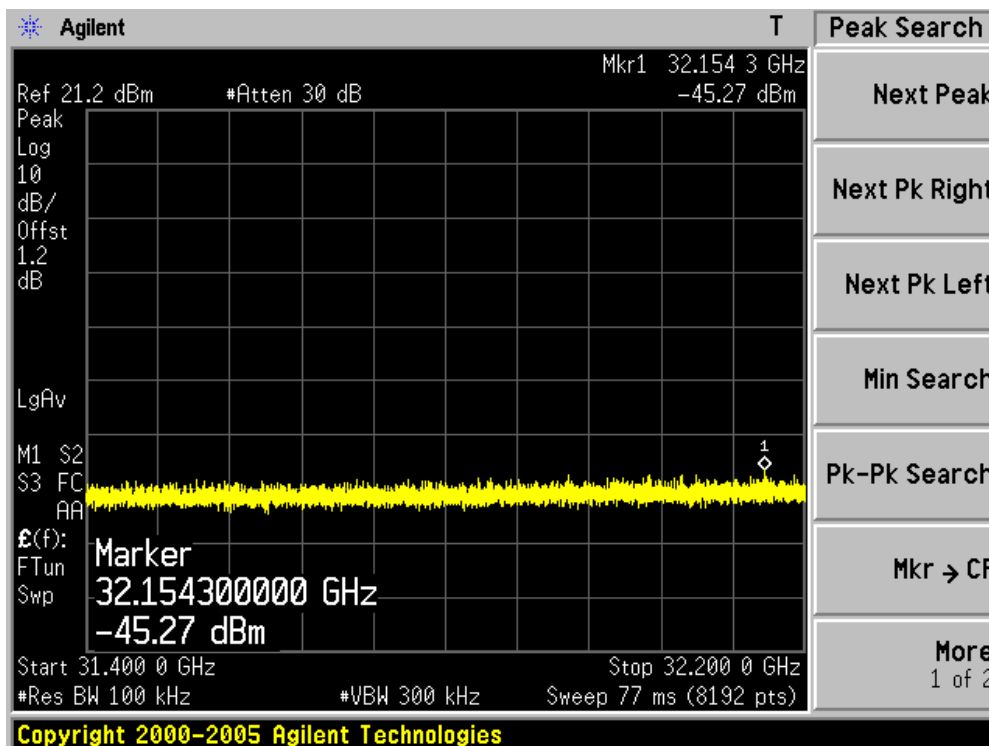
Channel 157 (5785MHz)-7



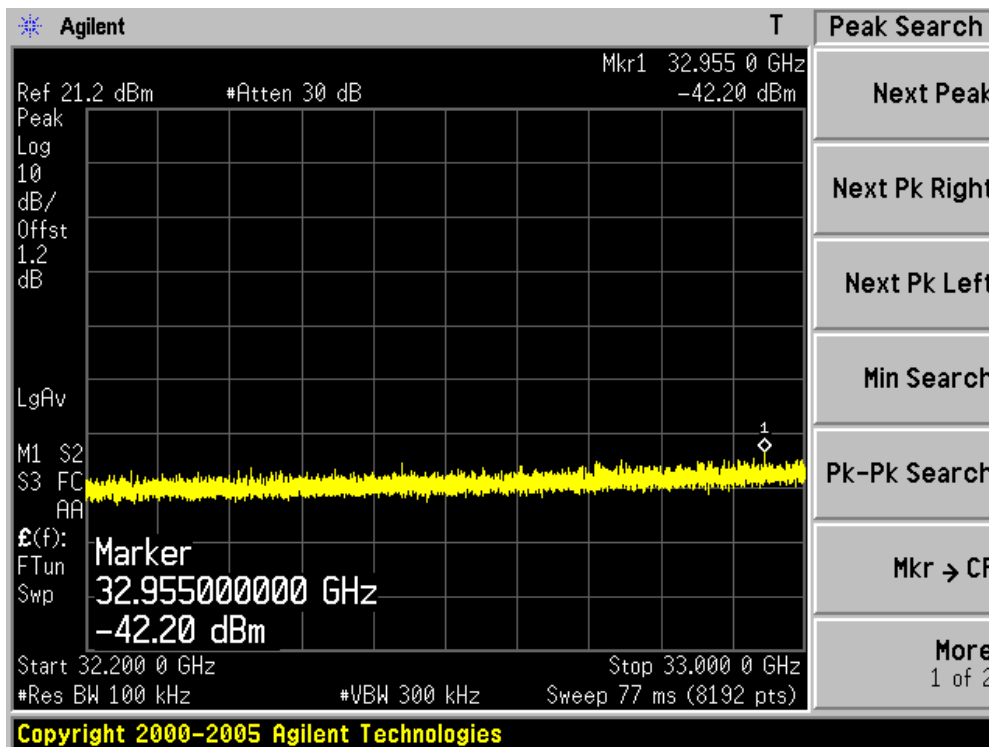
Channel 157 (5785MHz)-8



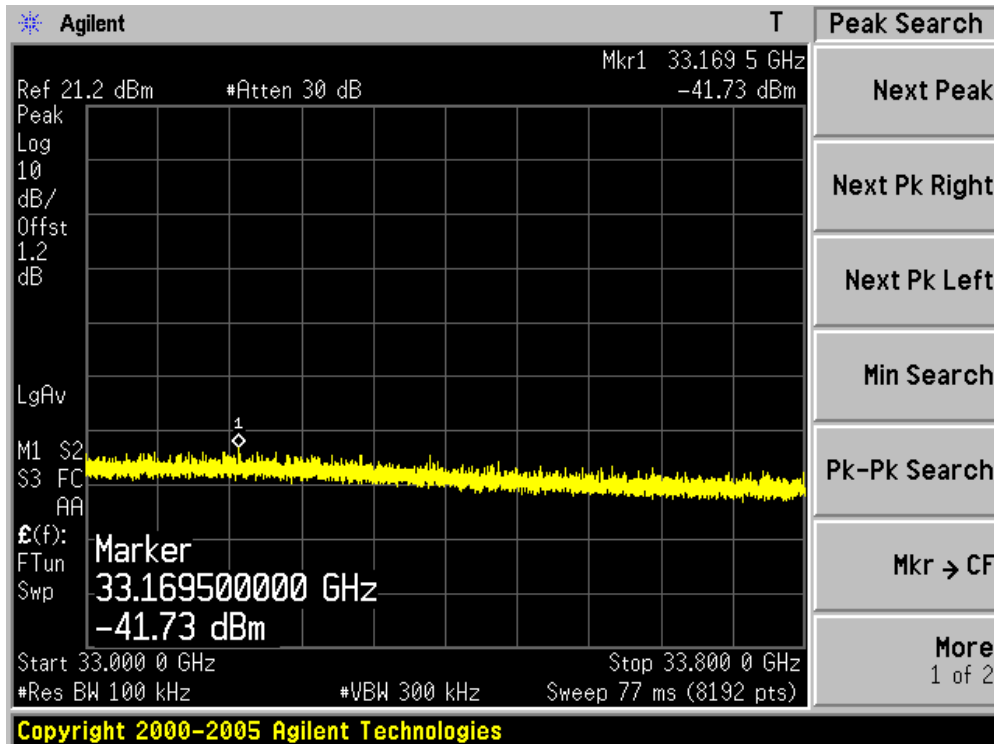
Channel 157 (5785MHz)-9



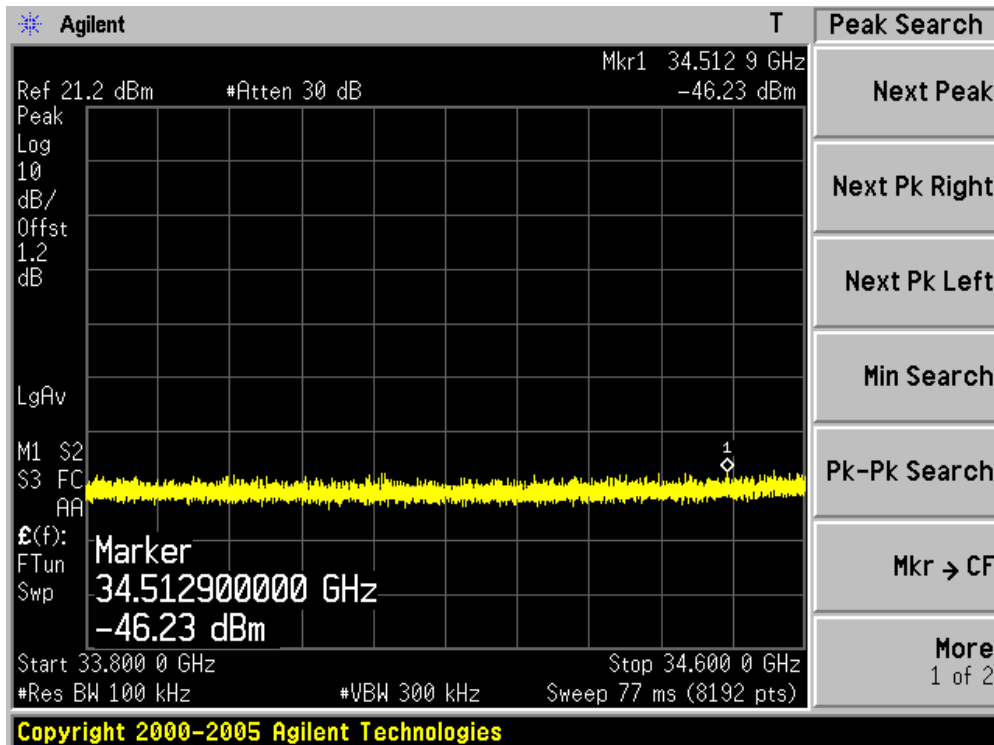
Channel 157 (5785MHz)-10



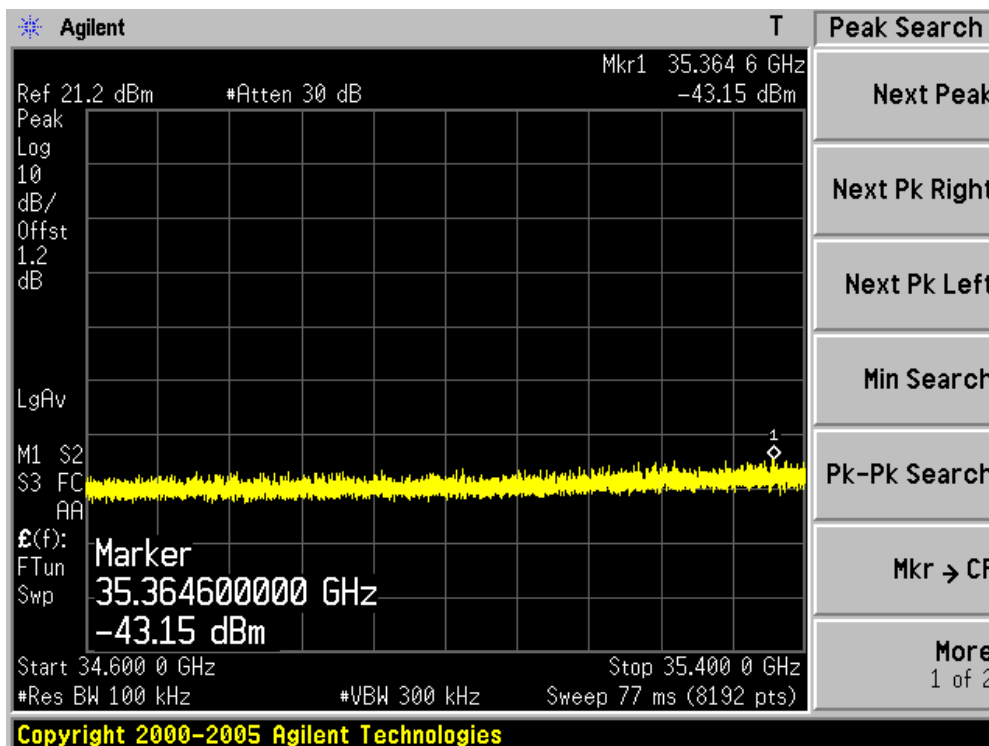
Channel 157 (5785MHz)-11



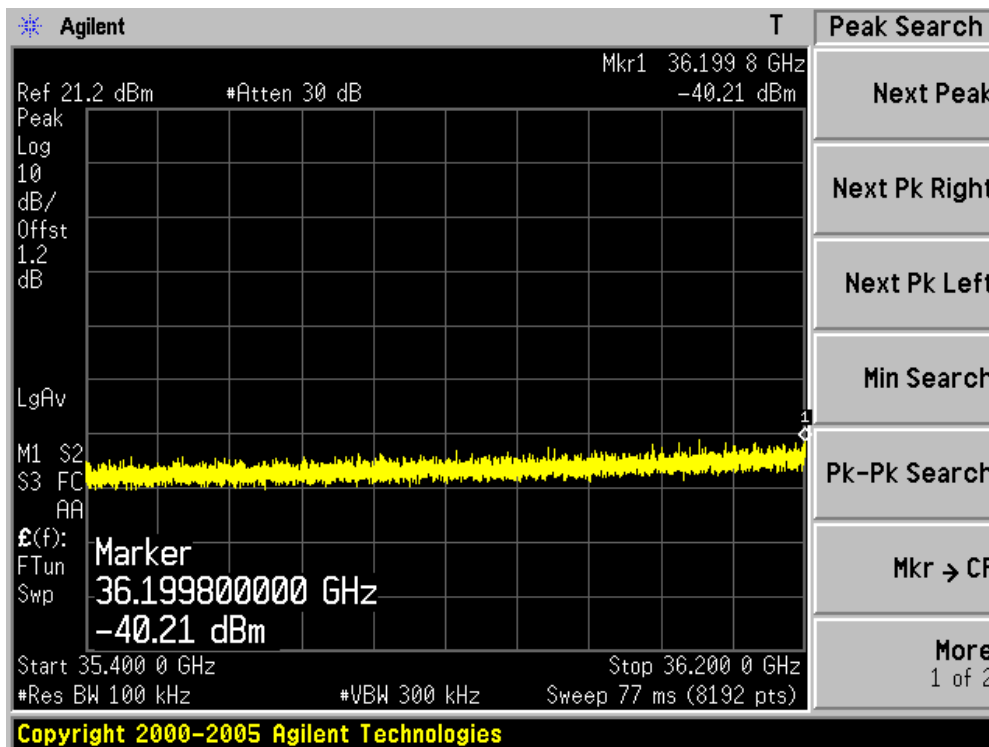
Channel 157 (5785MHz)-12



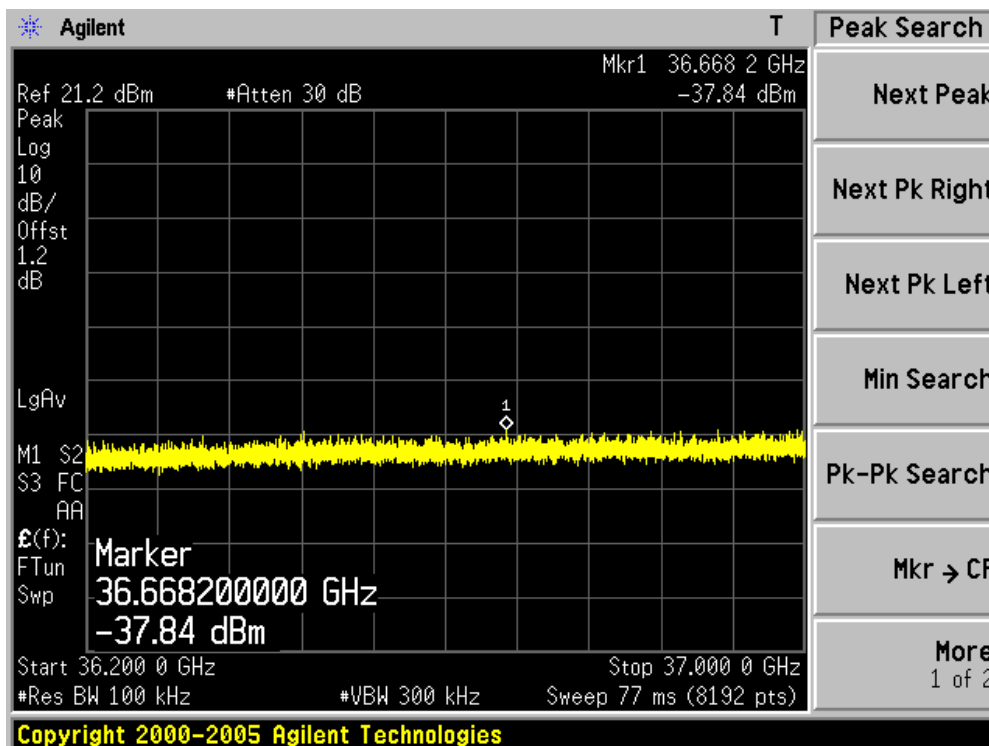
Channel 157 (5785MHz)-13



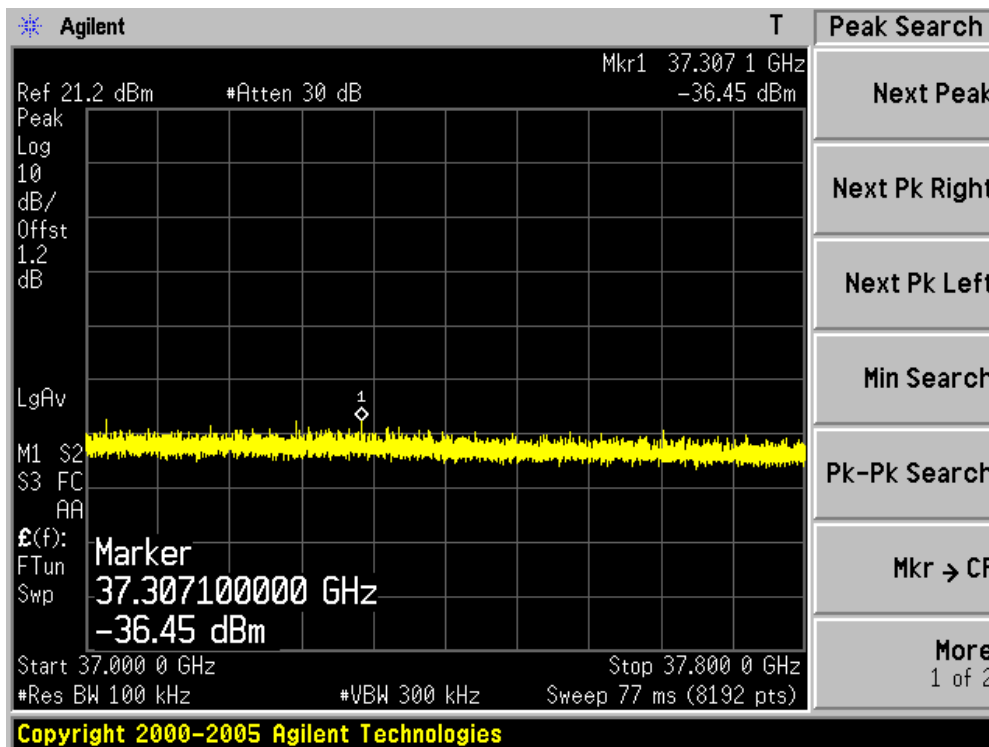
Channel 157 (5785MHz)-14



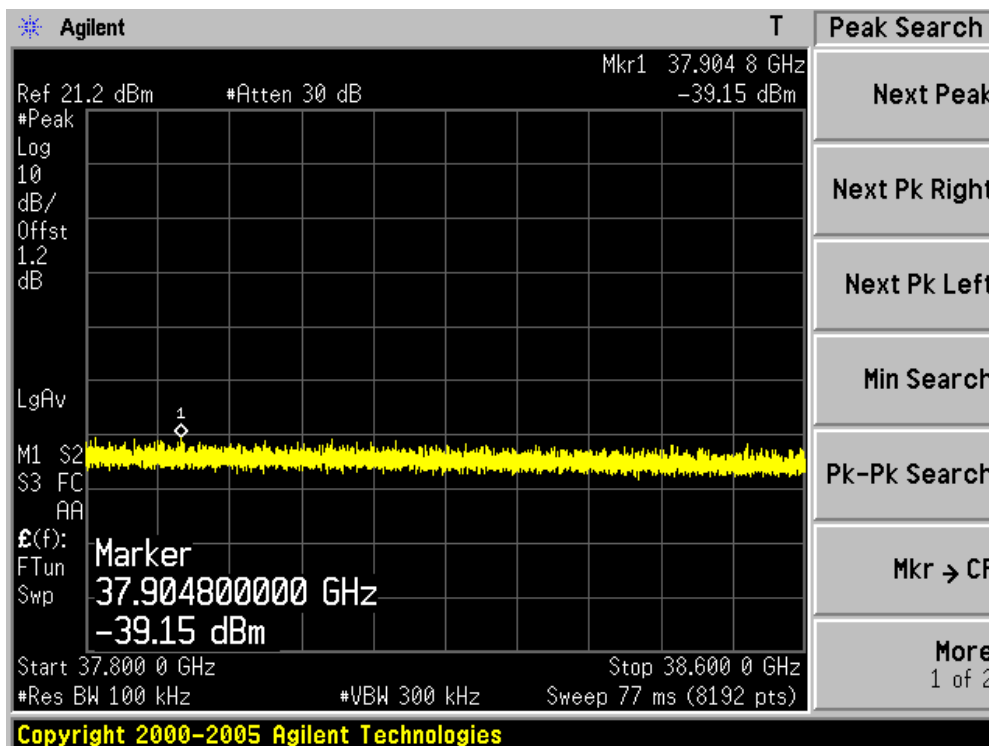
Channel 157 (5785MHz)-15



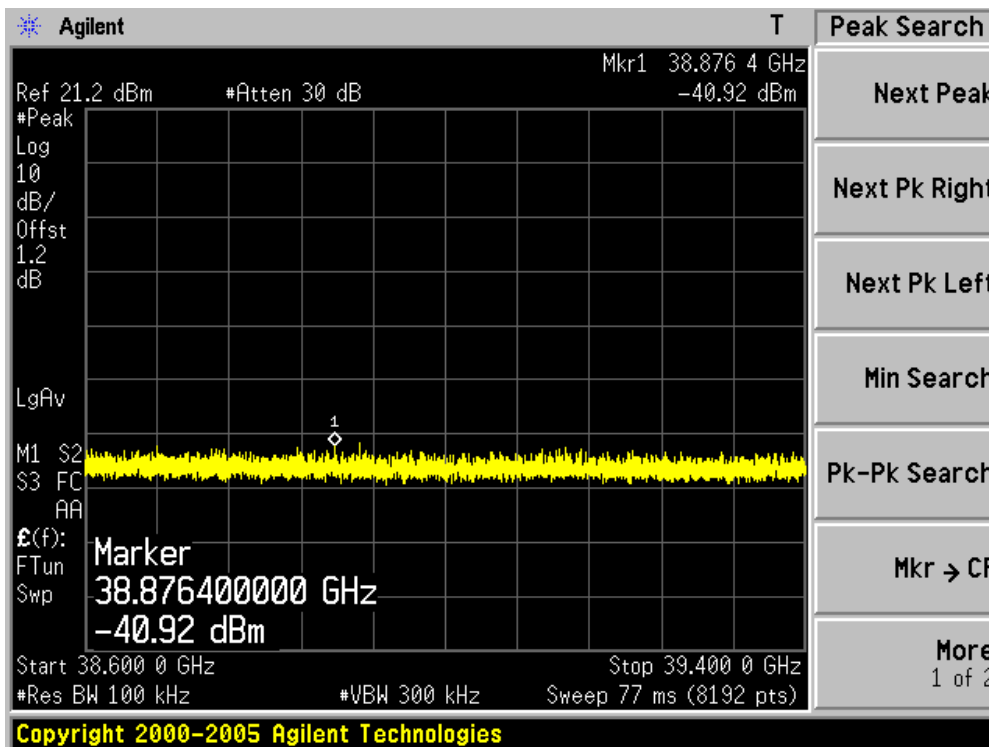
Channel 157 (5785MHz)-16



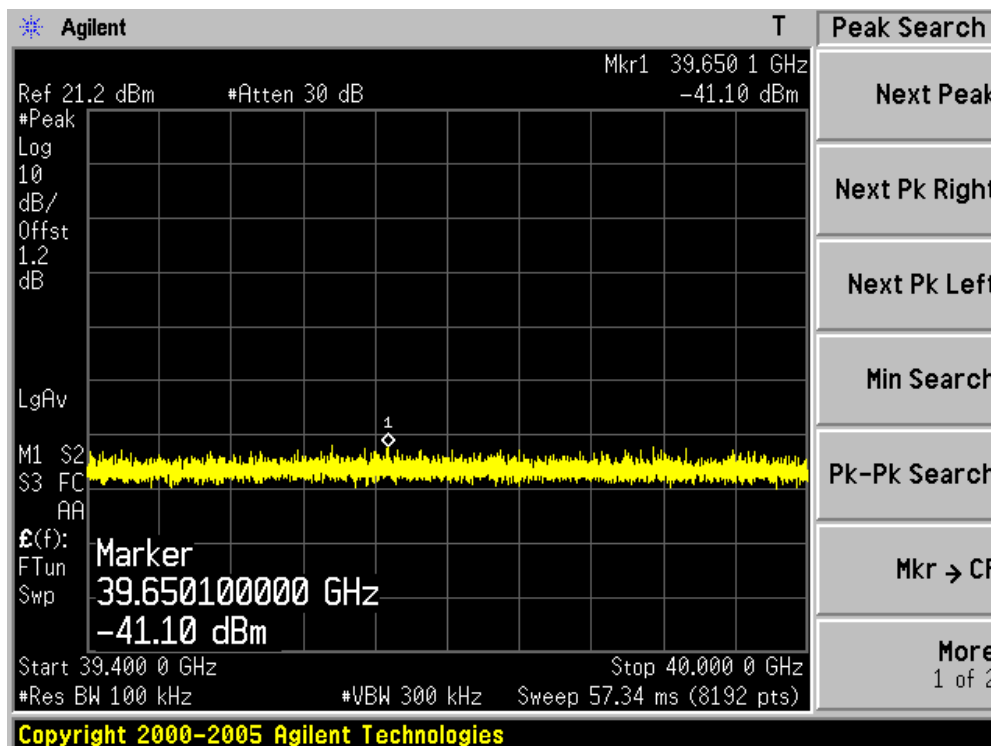
Channel 157 (5785MHz)-17



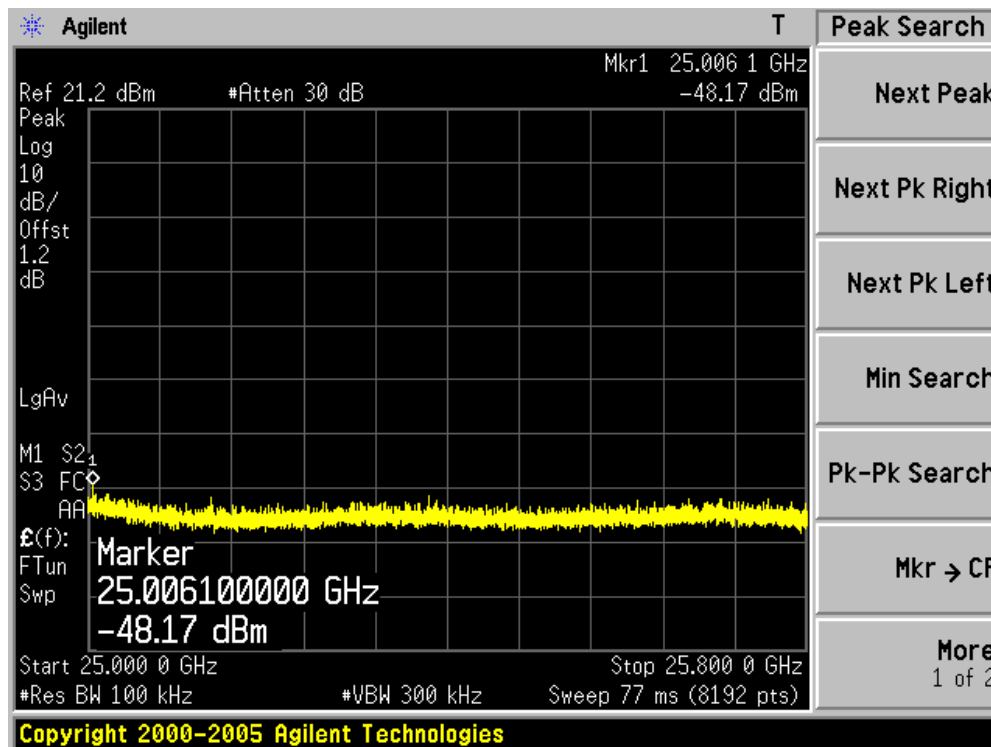
Channel 157 (5785MHz)-18



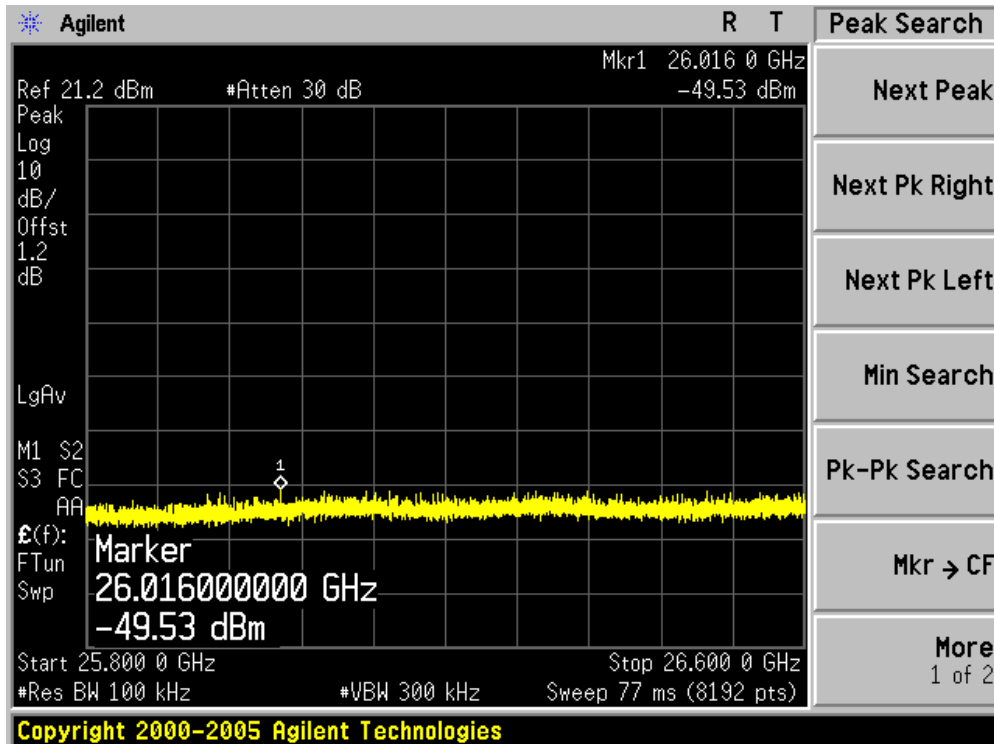
Channel 157 (5785MHz)-19



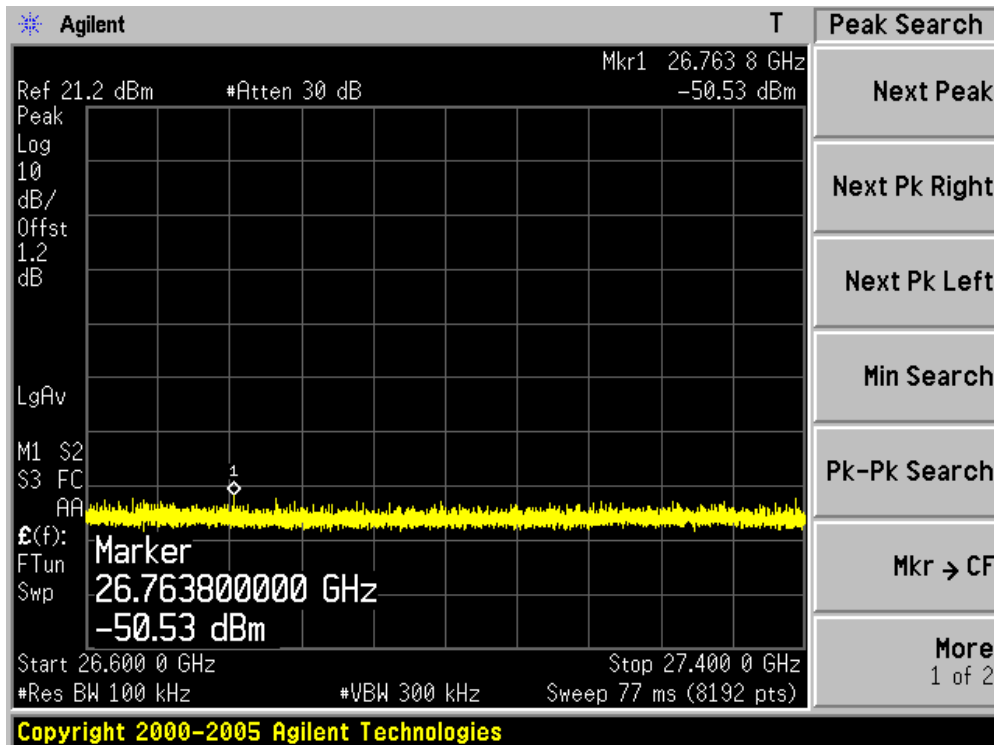
Channel 165 (5825MHz)-1



Channel 165 (5825MHz)-2

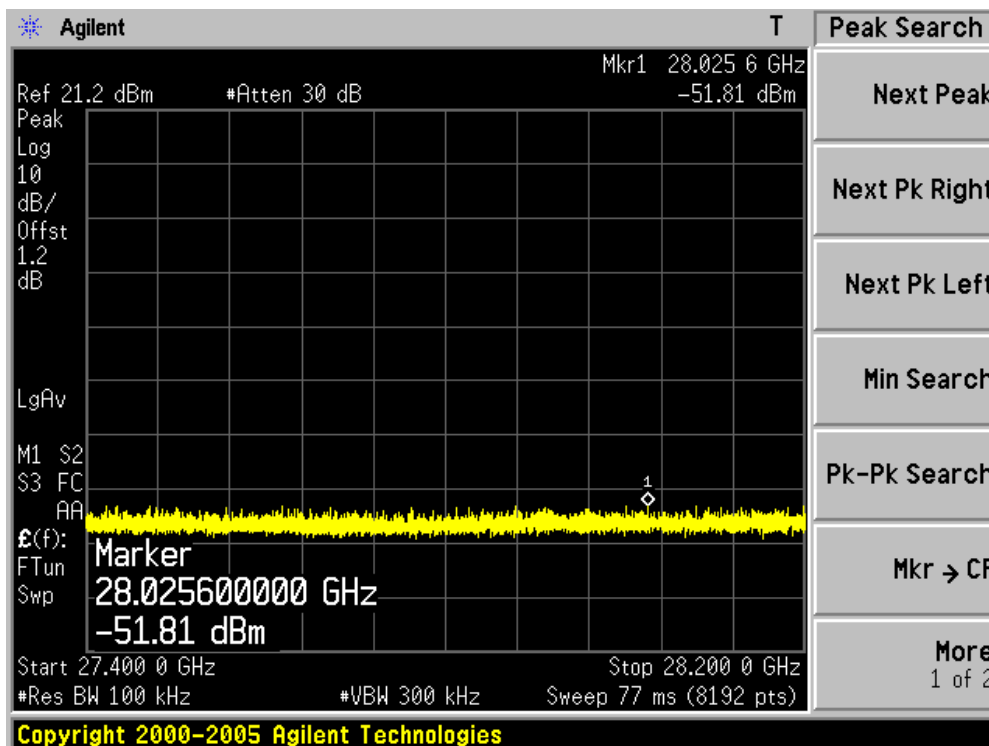


Channel 165 (5825MHz)-3

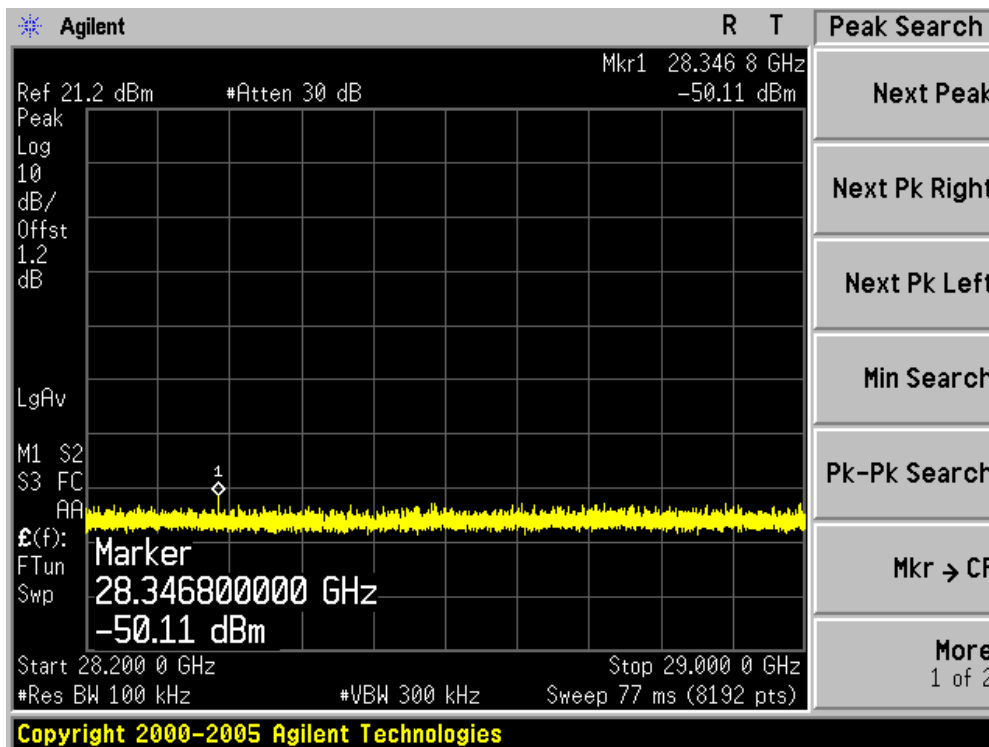




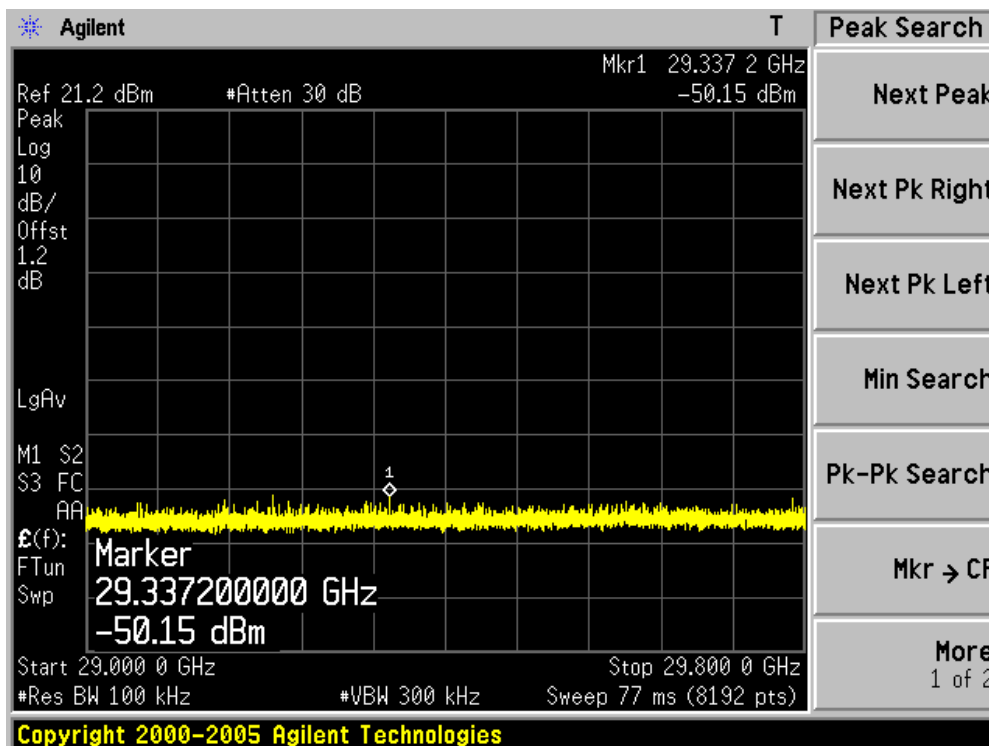
Channel 165 (5825MHz)-4



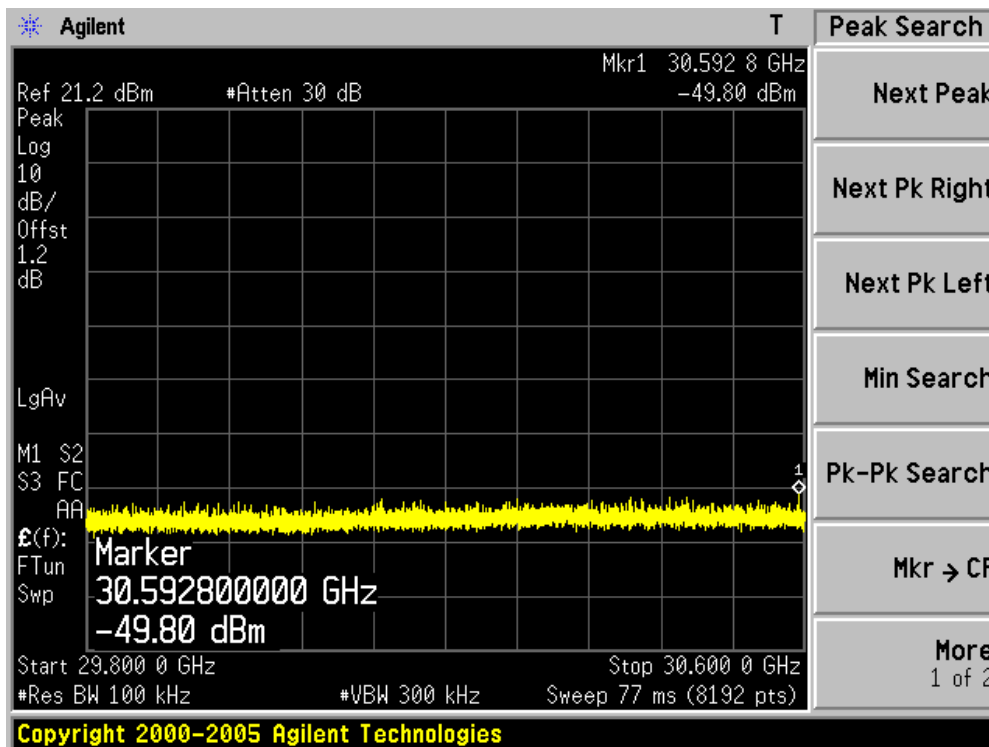
Channel 165 (5825MHz)-5



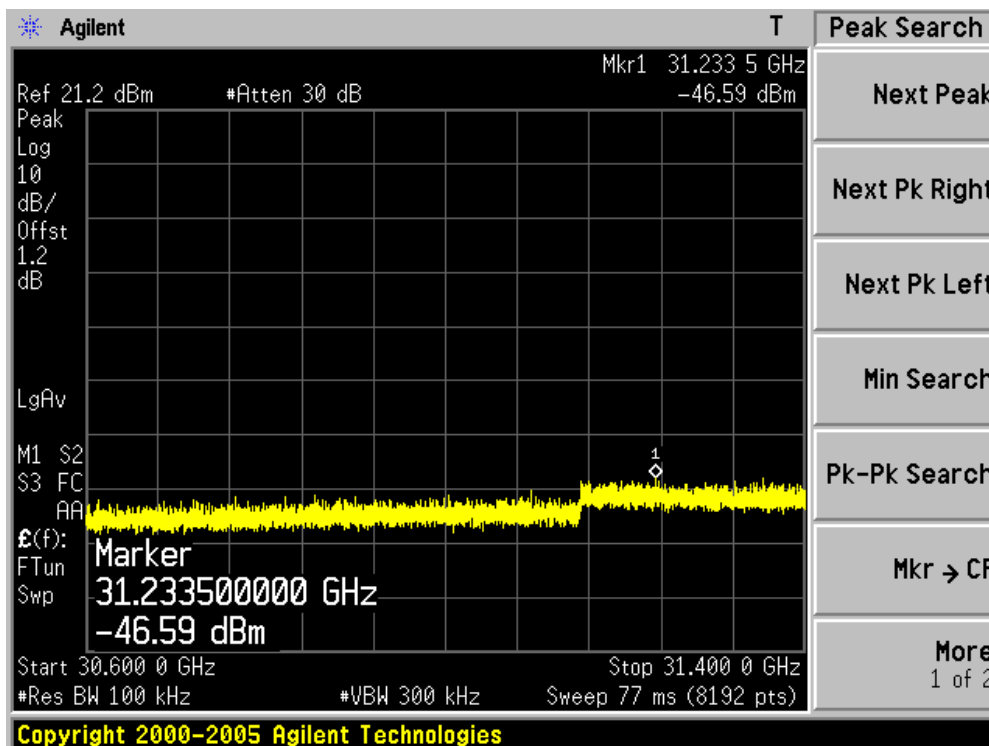
Channel 165 (5825MHz)-6



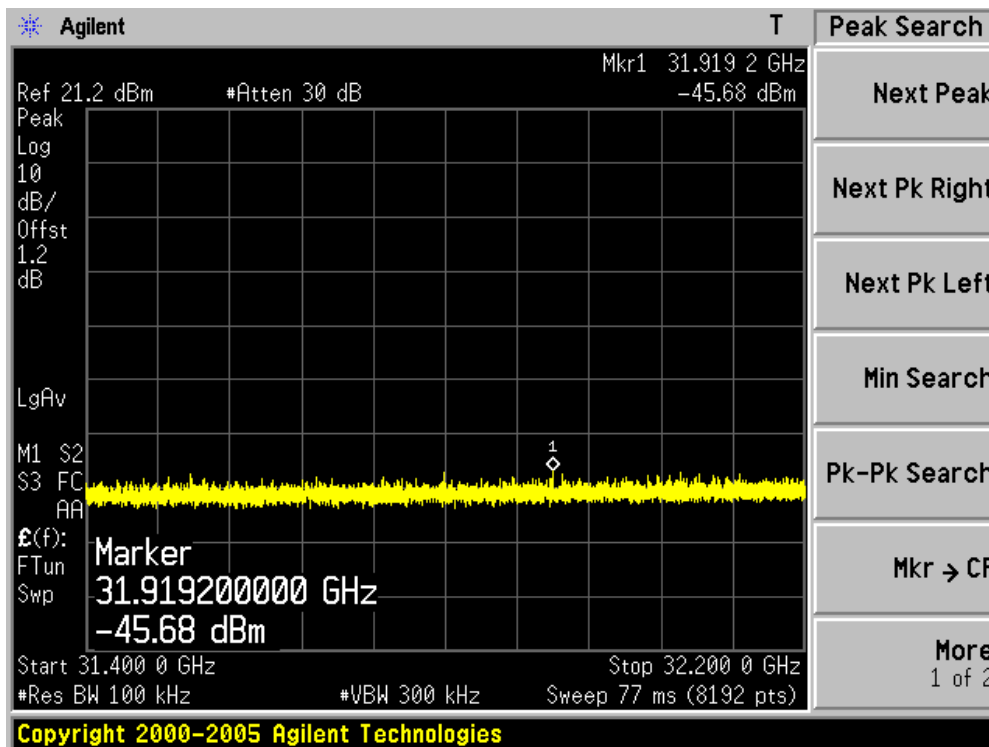
Channel 165 (5825MHz)-7



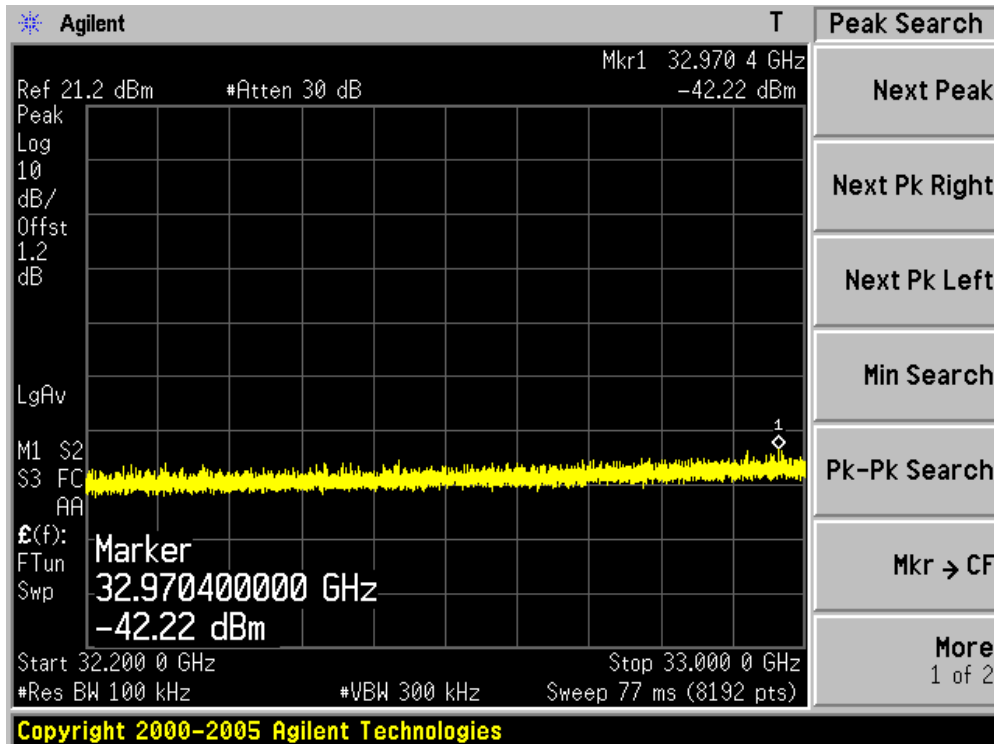
Channel 165 (5825MHz)-8



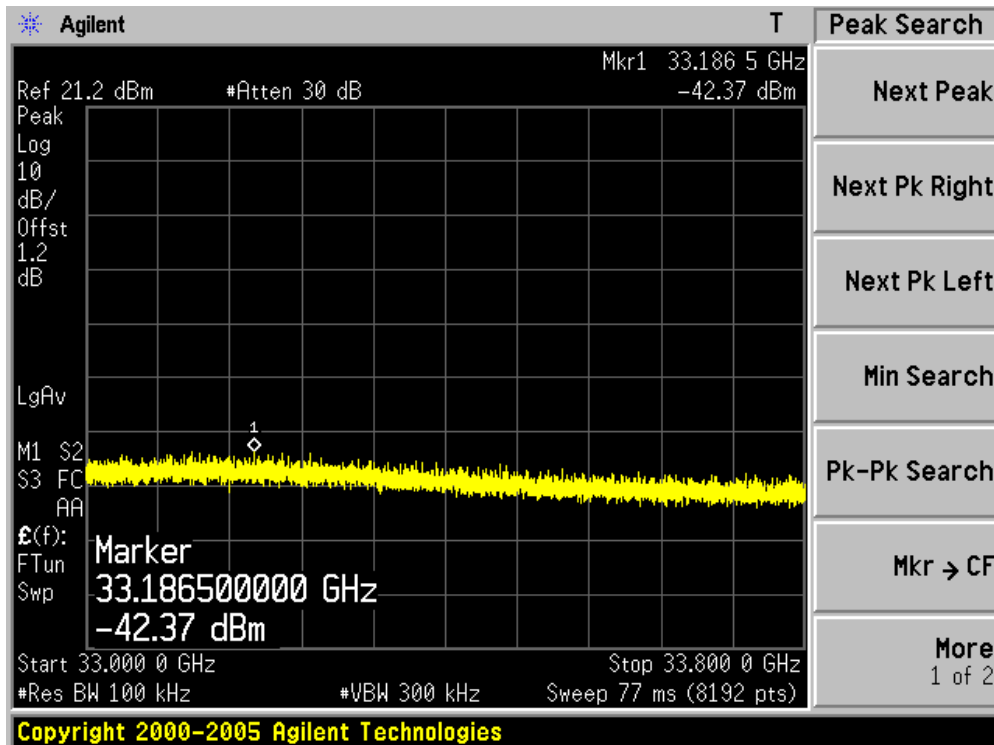
Channel 165 (5825MHz)-9



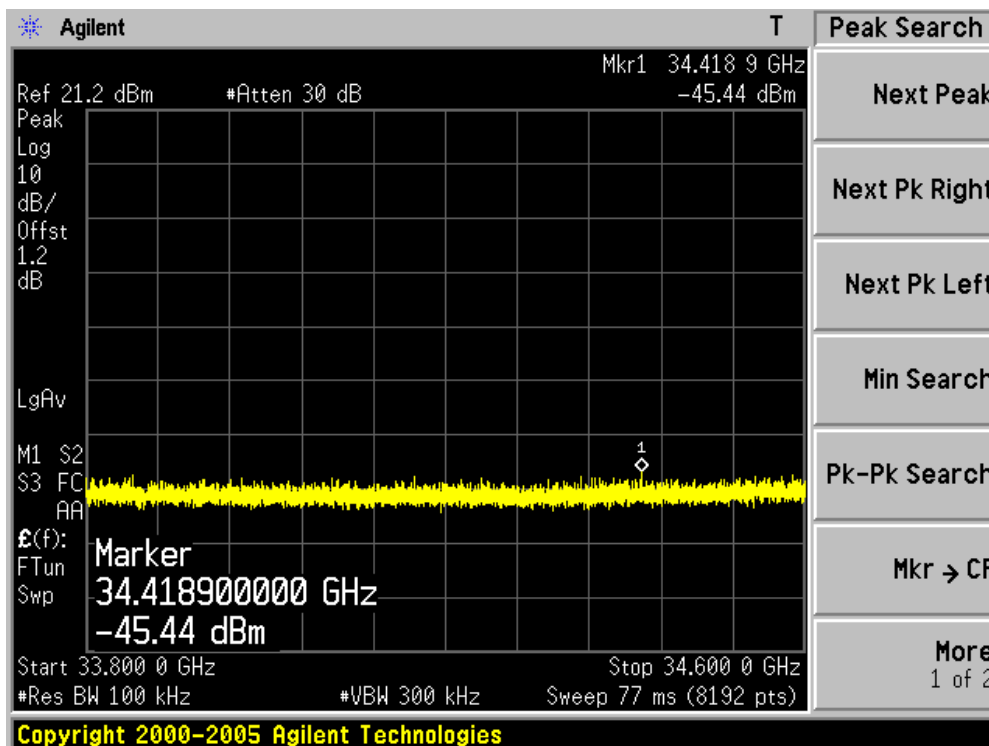
Channel 165 (5825MHz)-10



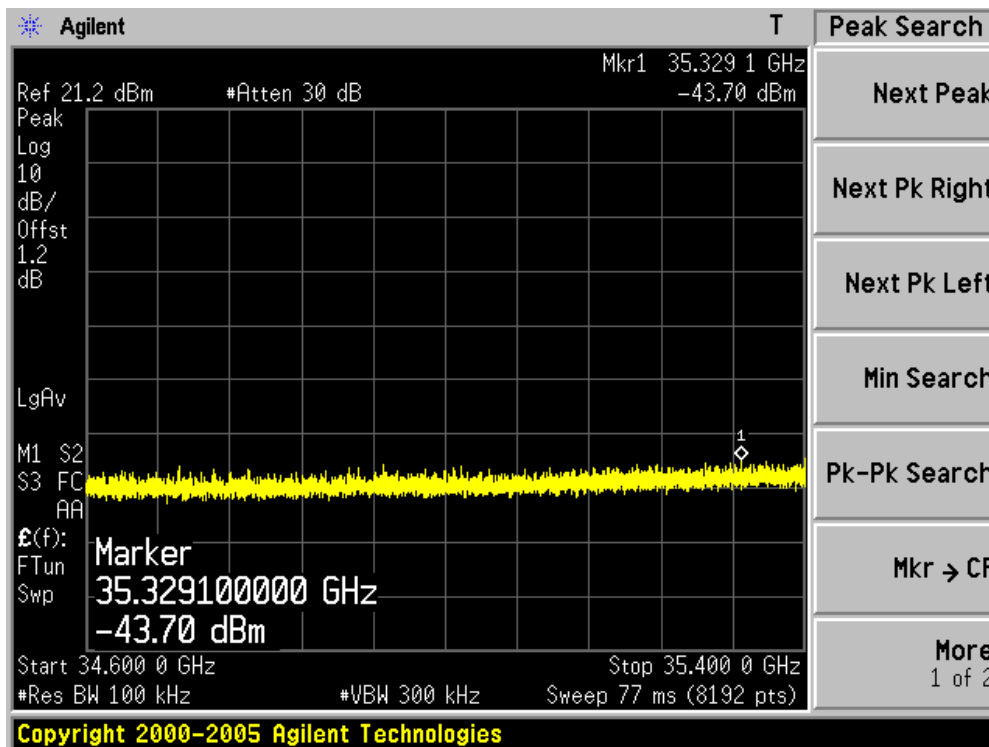
Channel 165 (5825MHz)-11



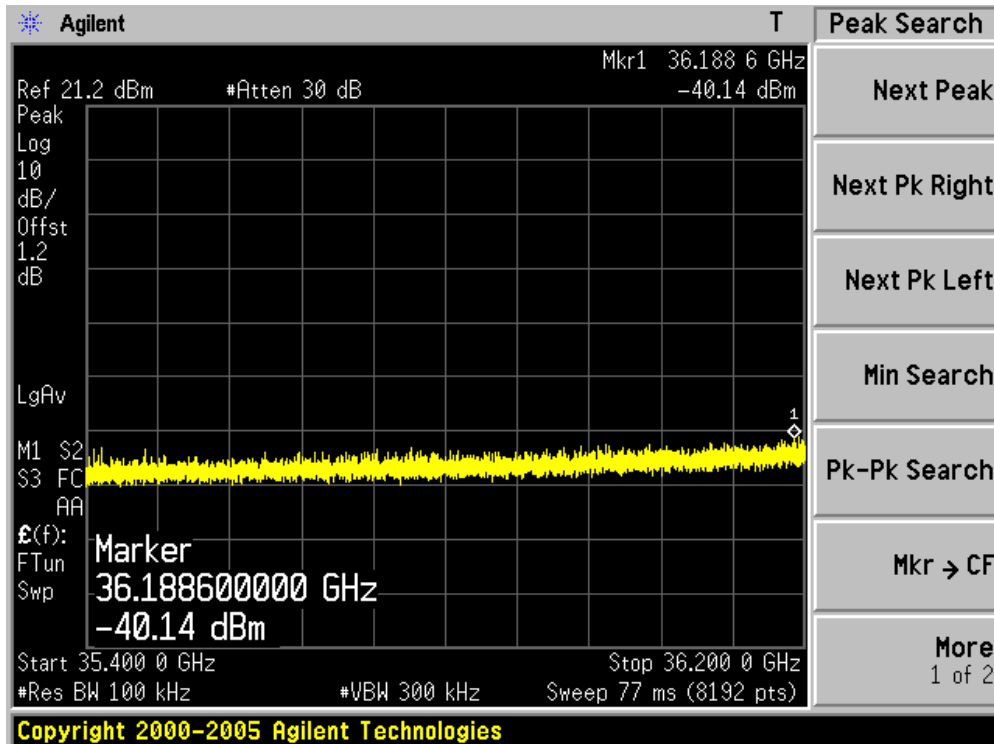
Channel 165 (5825MHz)-12



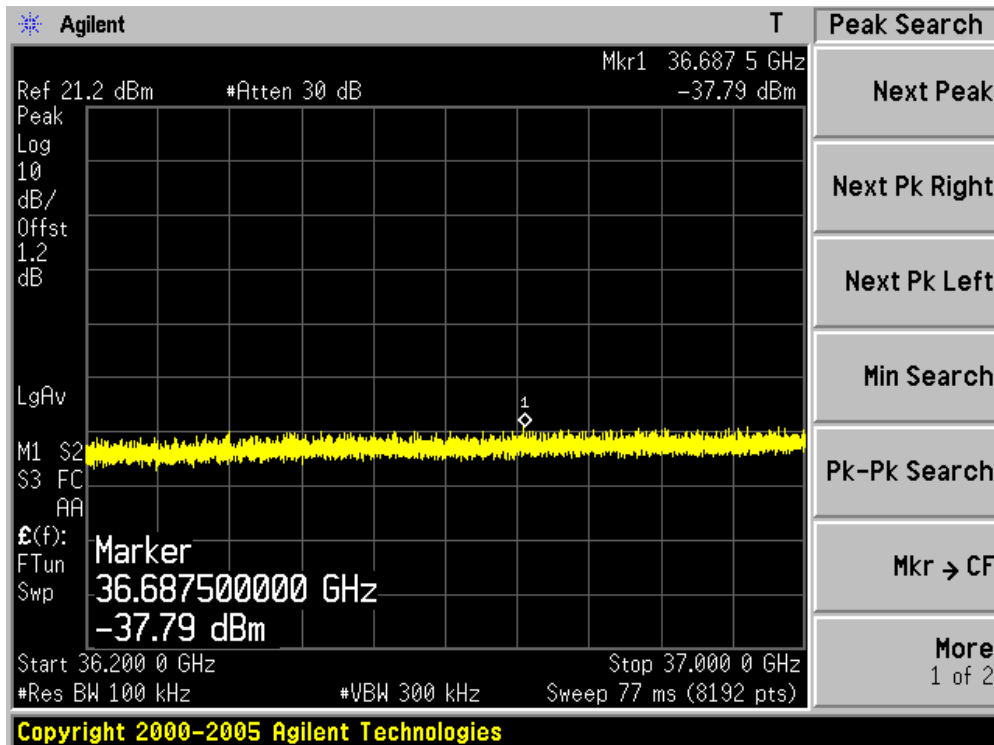
Channel 165 (5825MHz)-13



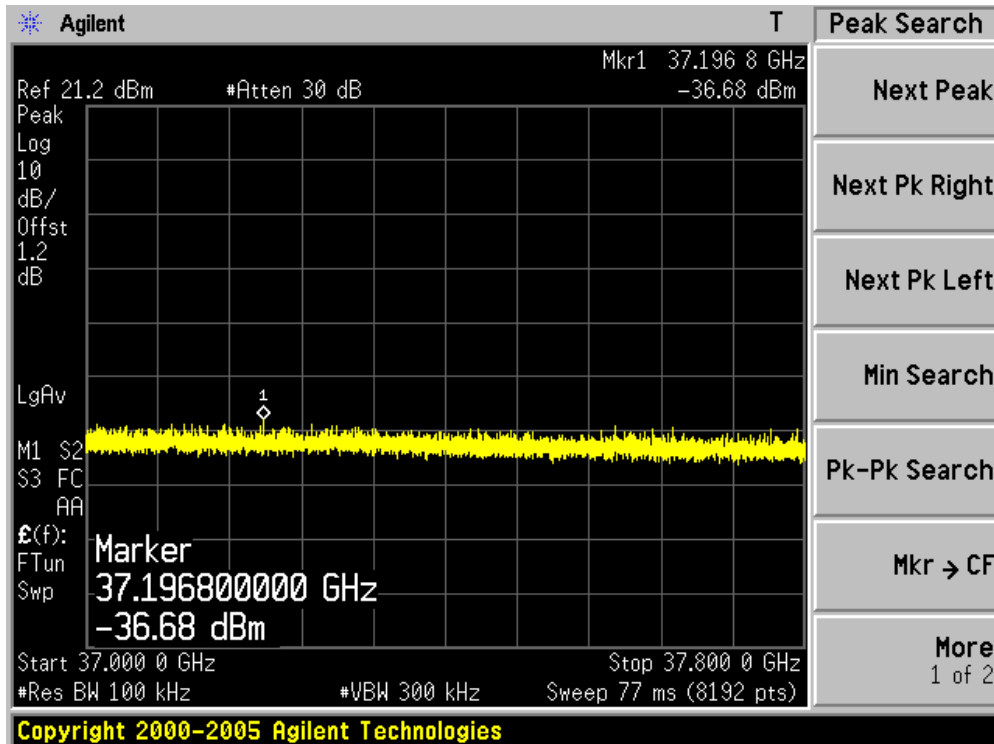
Channel 165 (5825MHz)-14



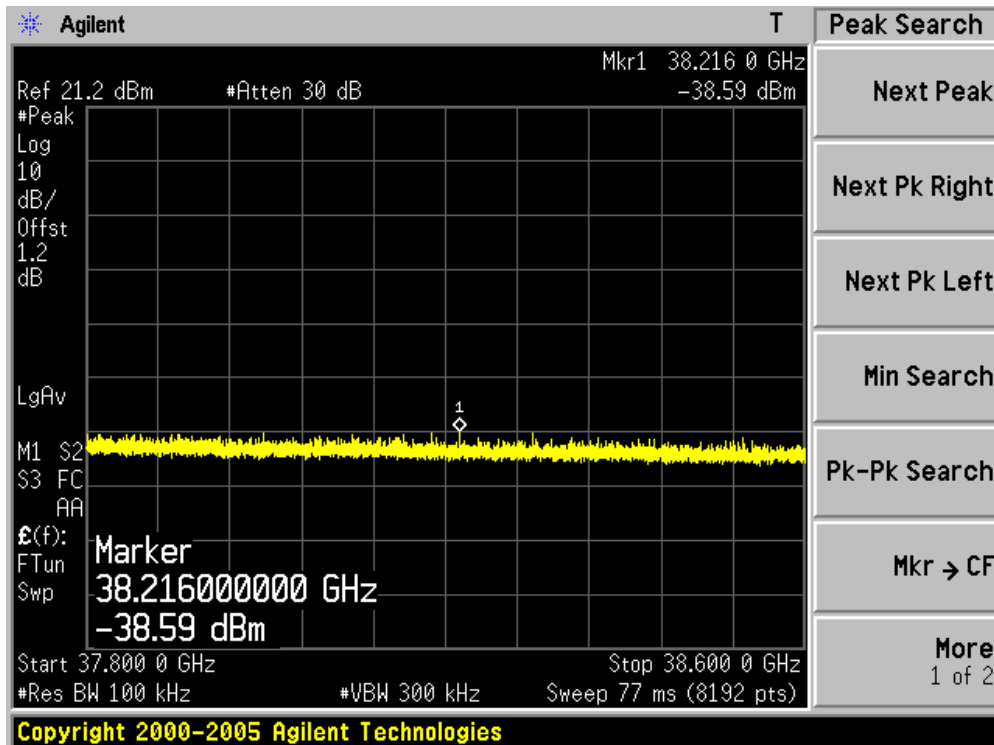
Channel 165 (5825MHz)-15



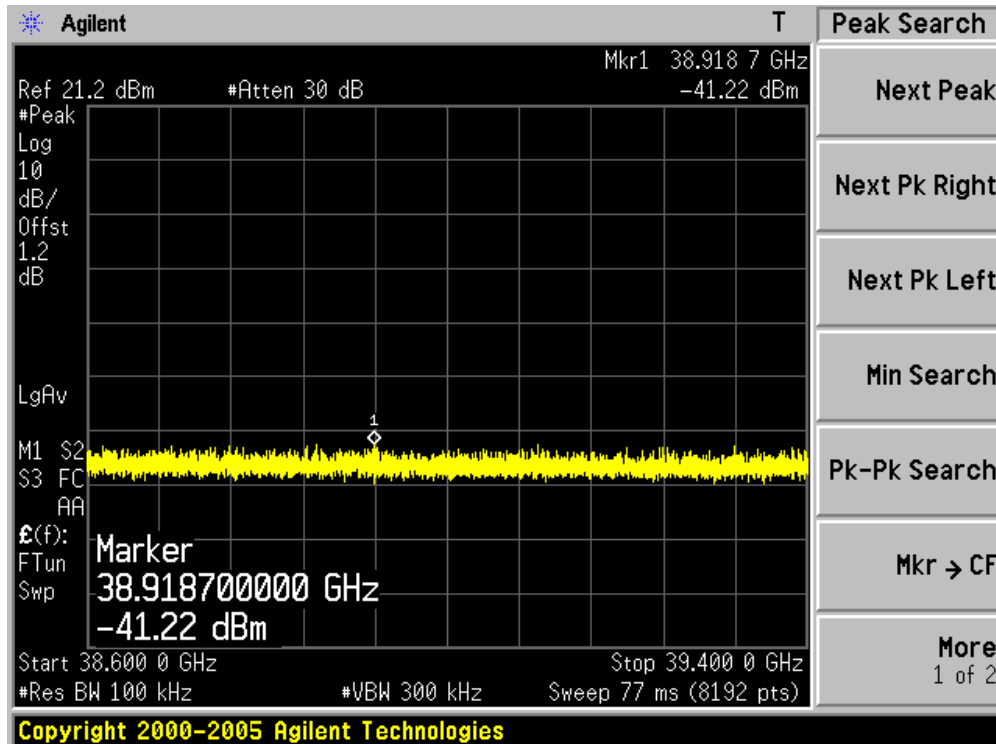
Channel 165 (5825MHz)-16



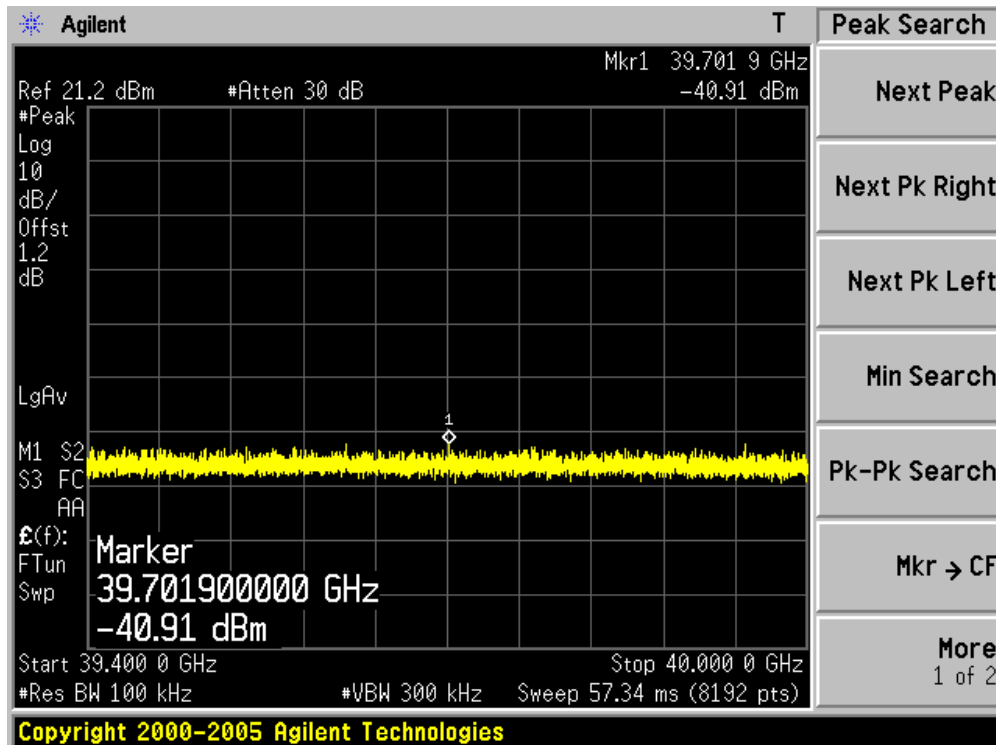
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18



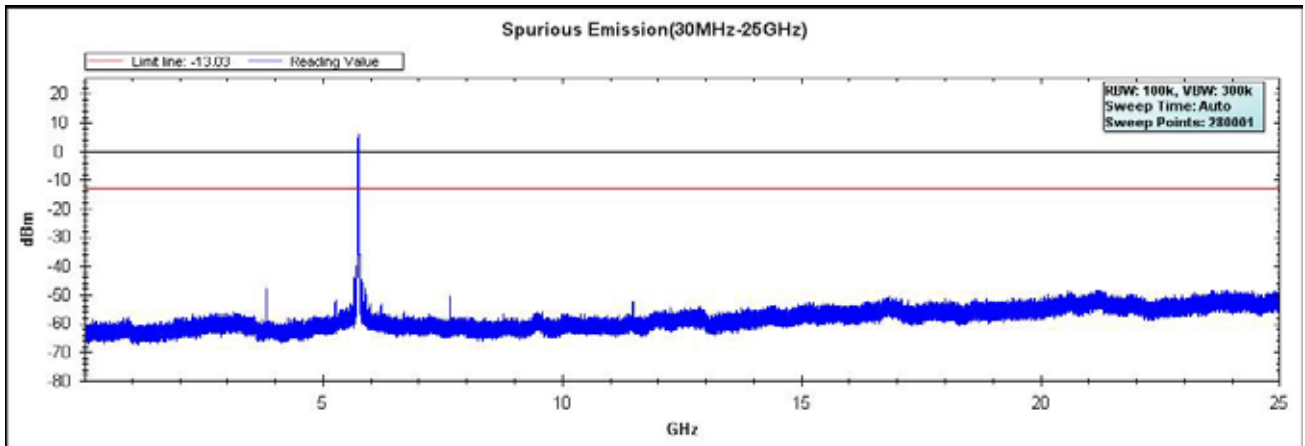
Channel 165 (5825MHz)-19



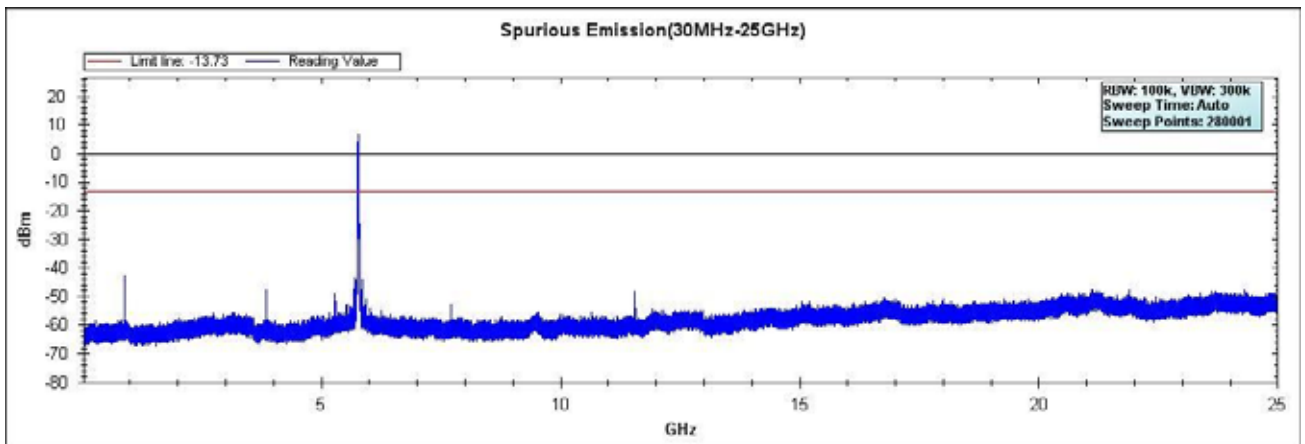


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 0)

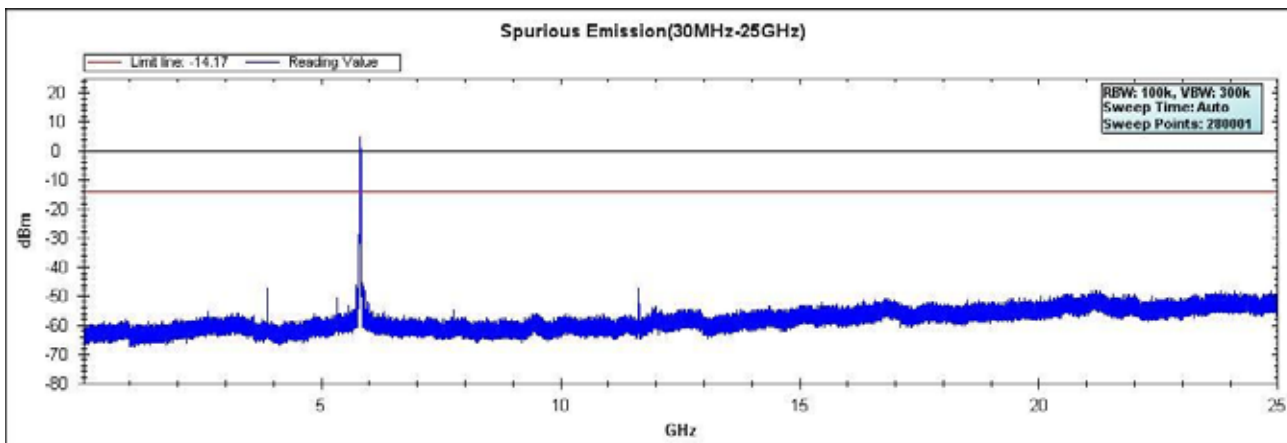
**Channel 149 (5745MHz)**



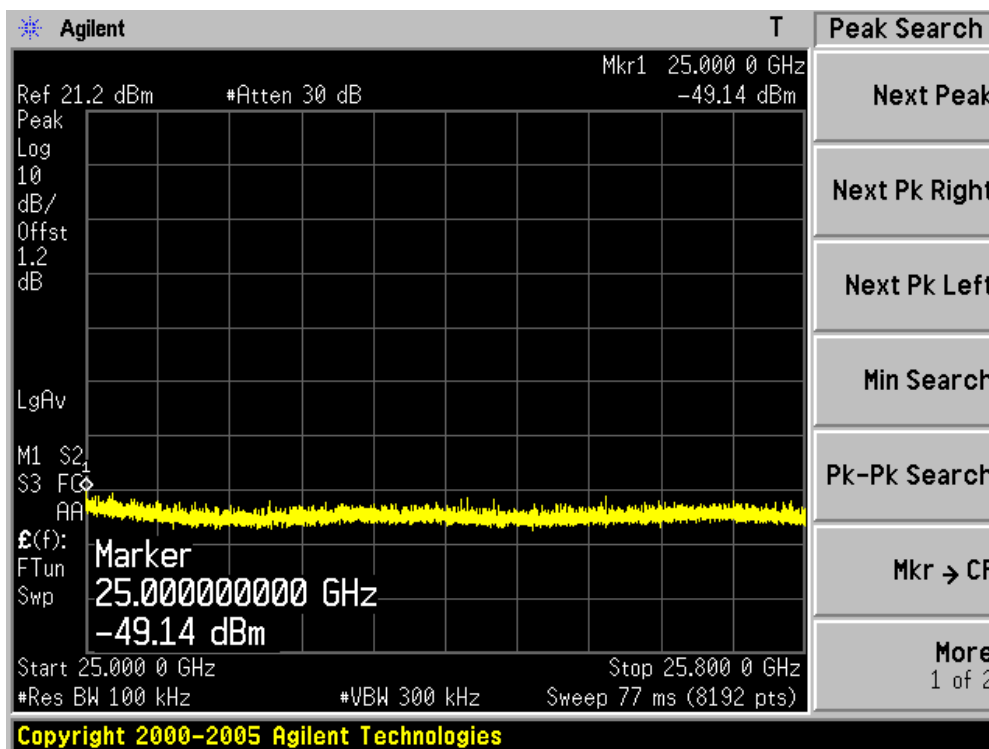
**Channel 157 (5785MHz)**



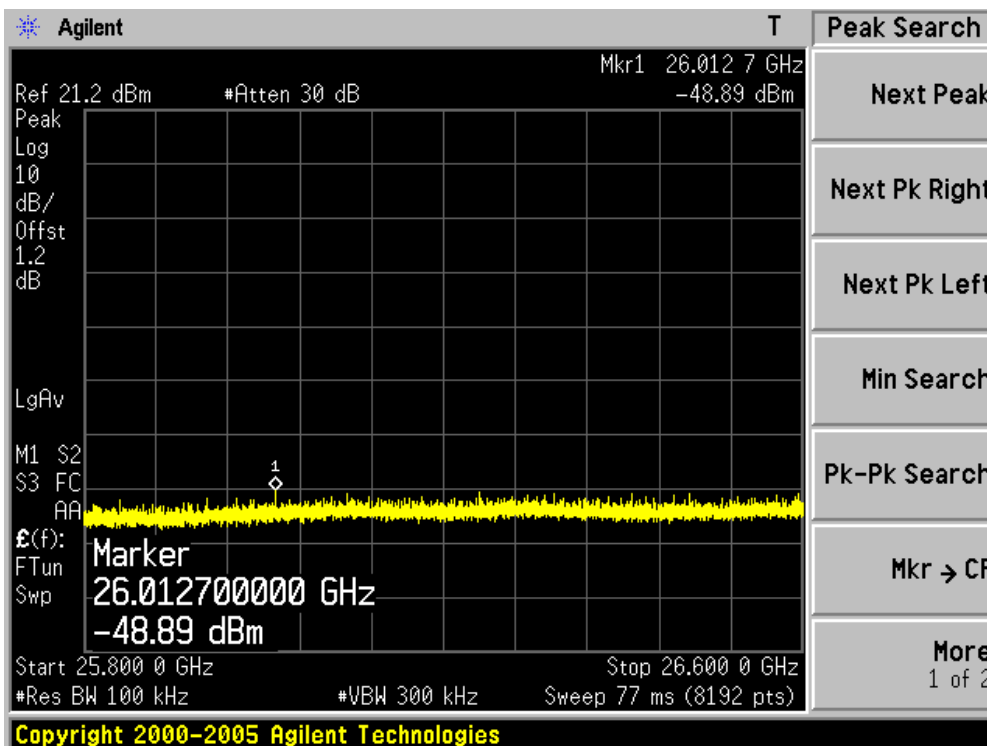
Channel 165 (5825MHz)



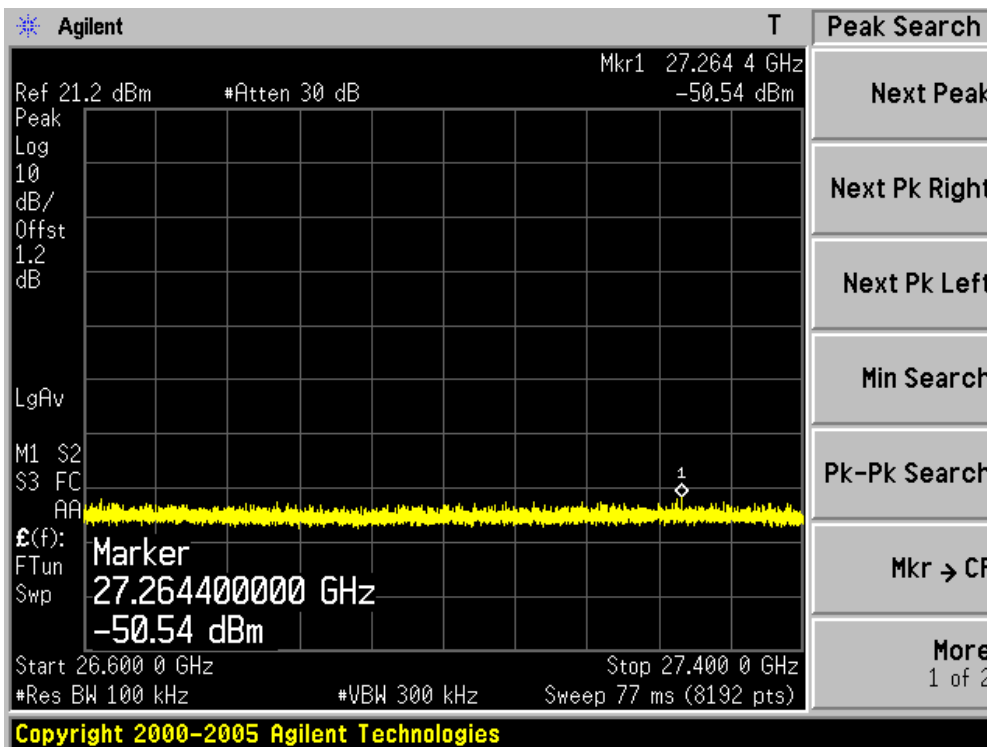
Channel 149 (5745MHz)-1



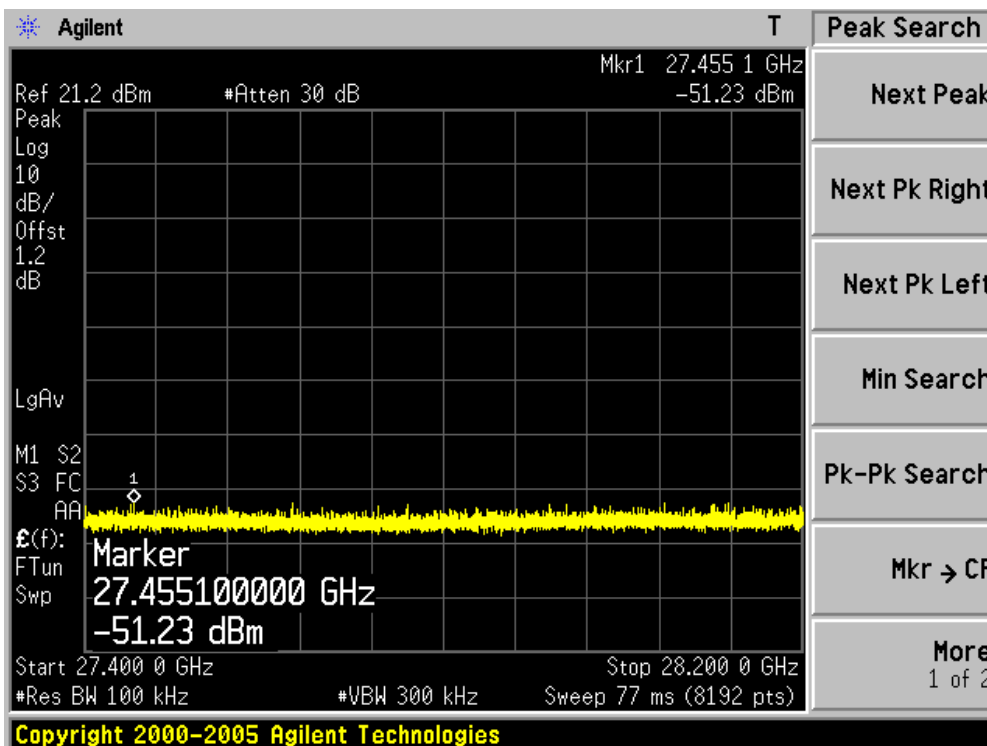
Channel 149 (5745MHz)-2



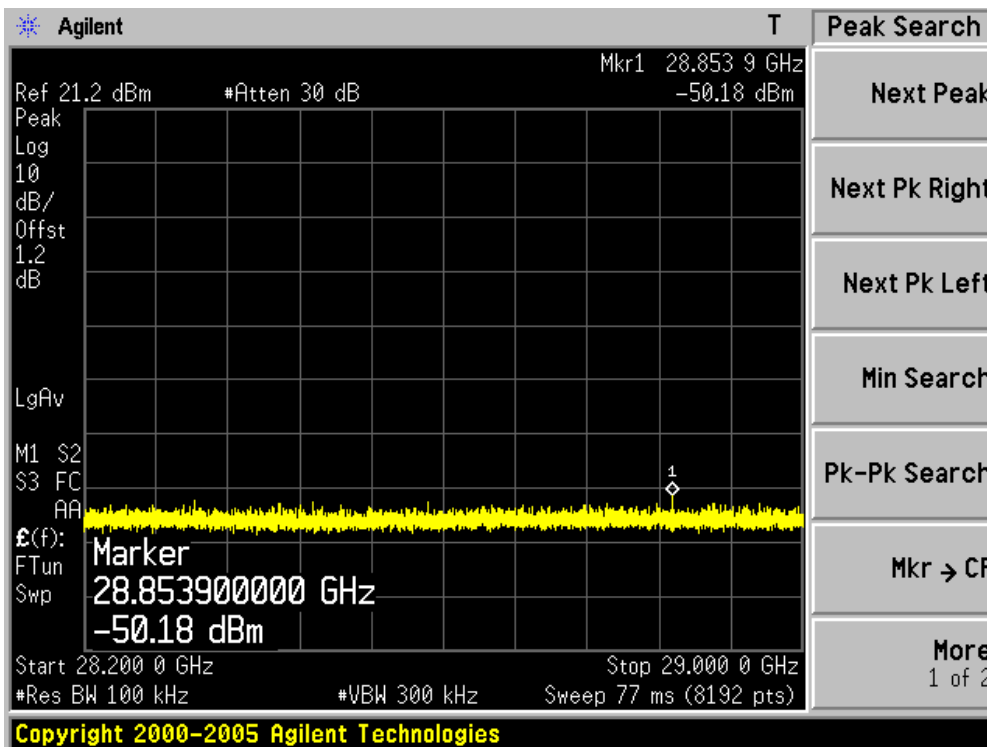
Channel 149 (5745MHz)-3



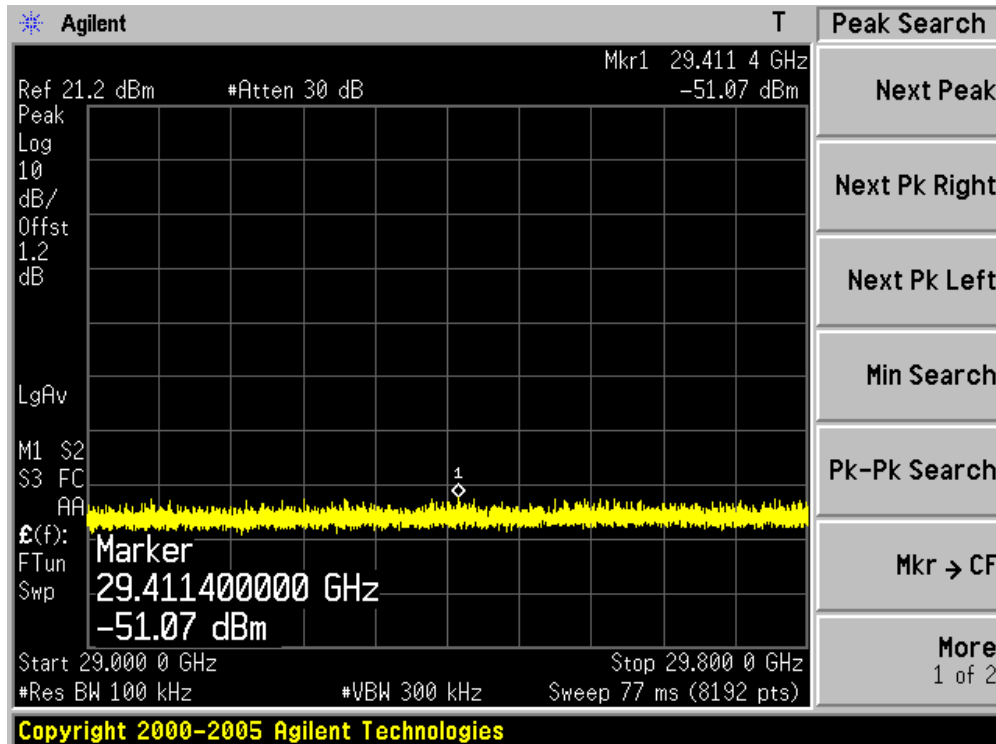
Channel 149 (5745MHz)-4



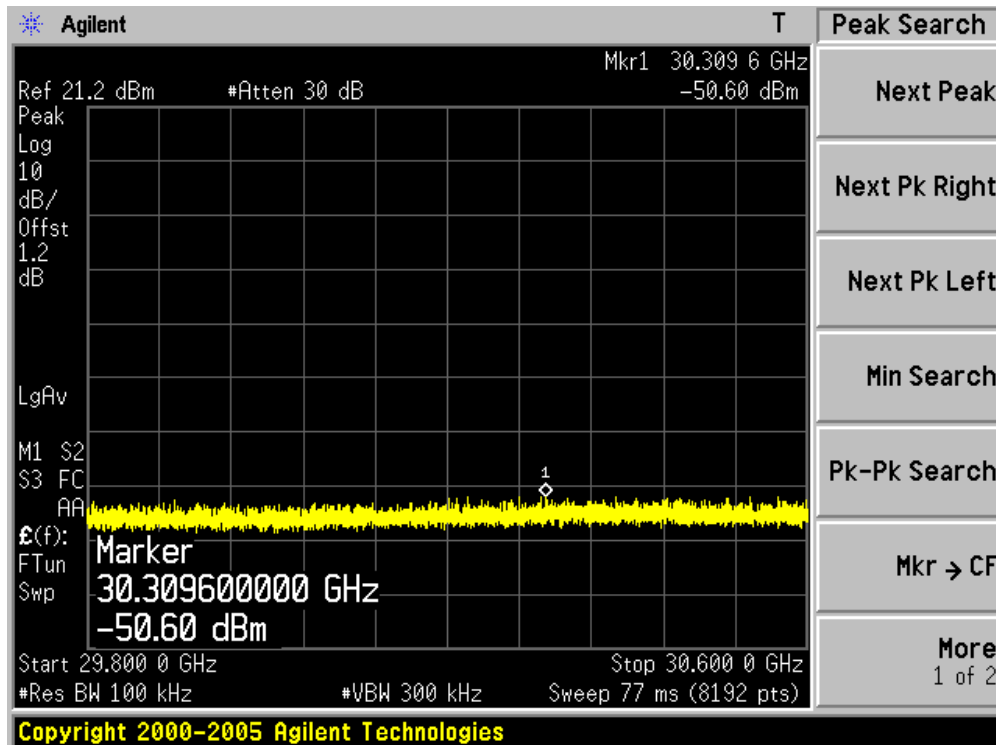
Channel 149 (5745MHz)-5



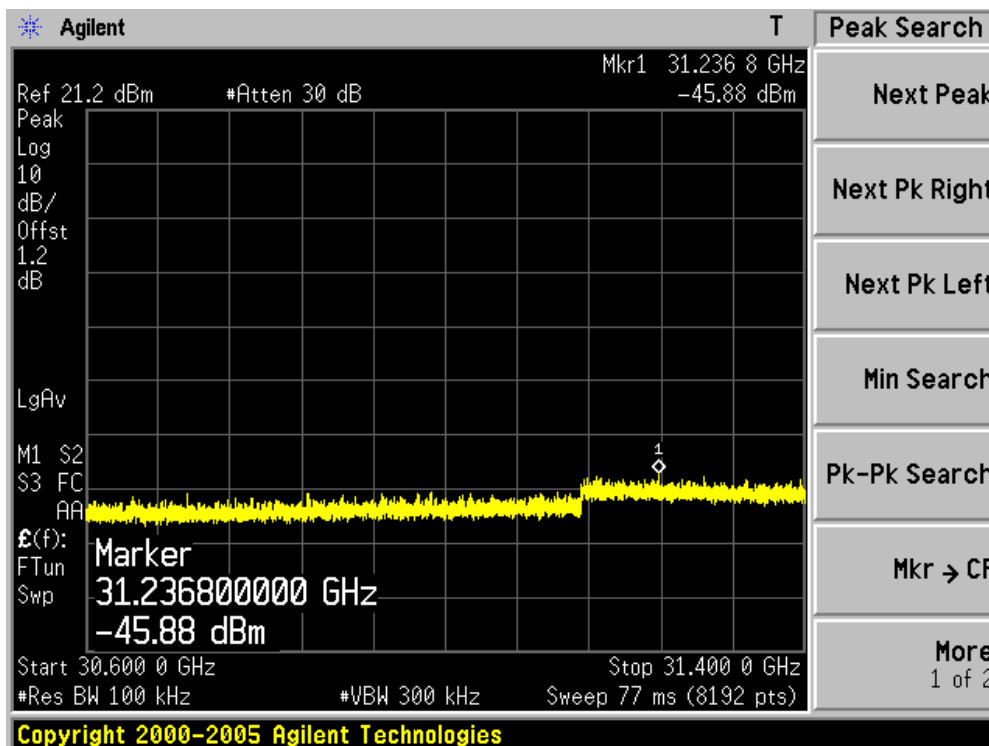
Channel 149 (5745MHz)-6



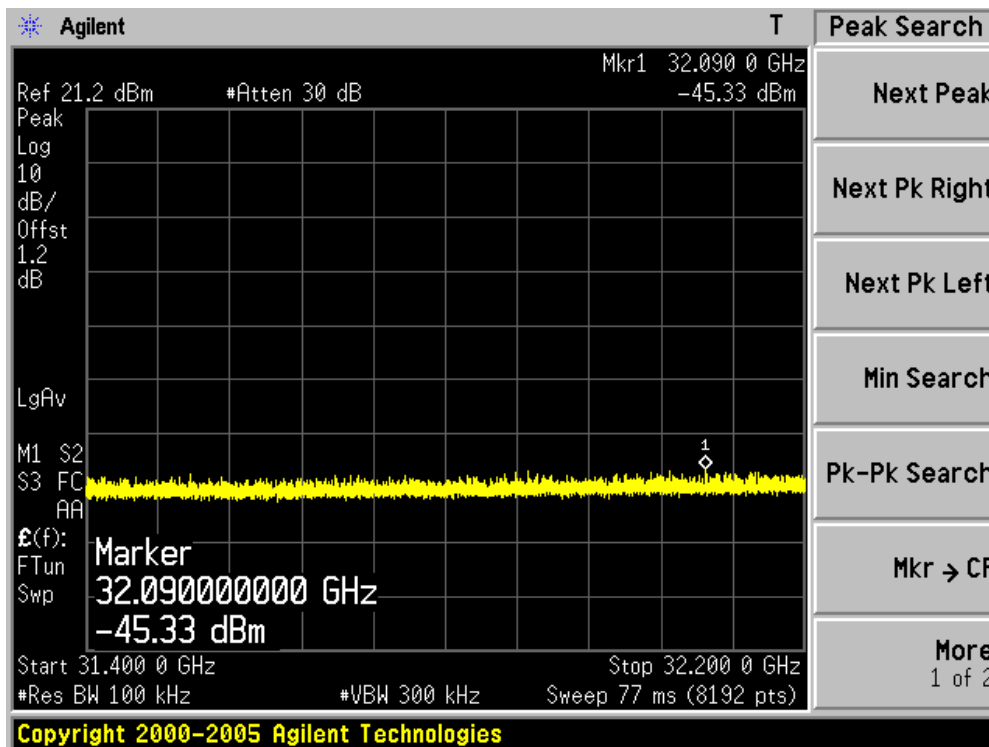
Channel 149 (5745MHz)-7



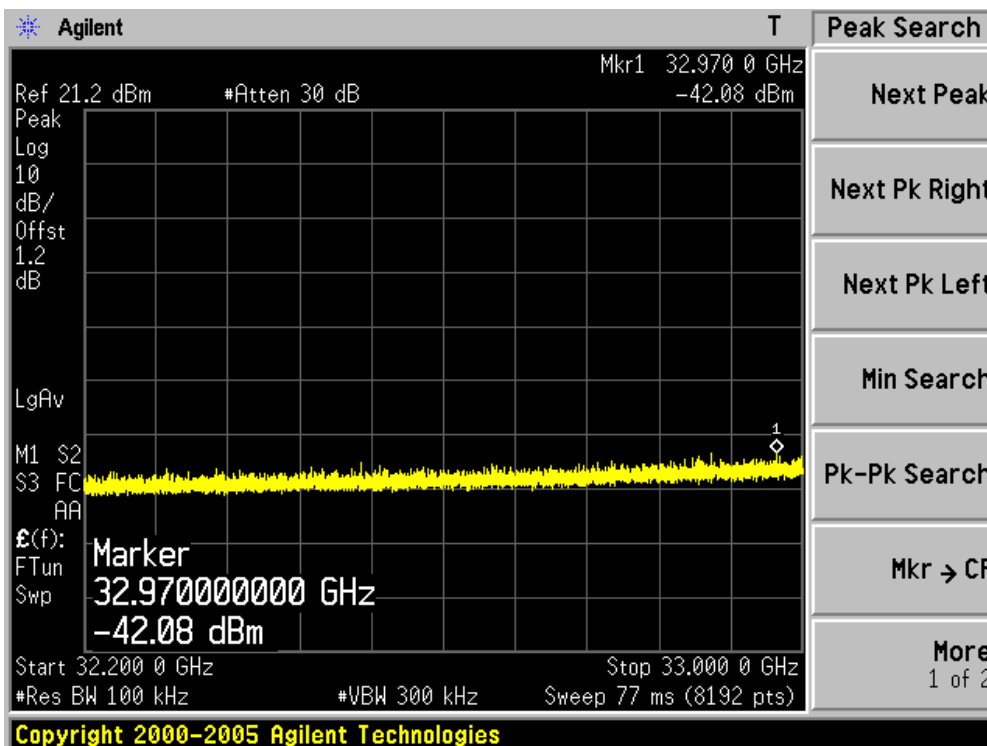
Channel 149 (5745MHz)-8



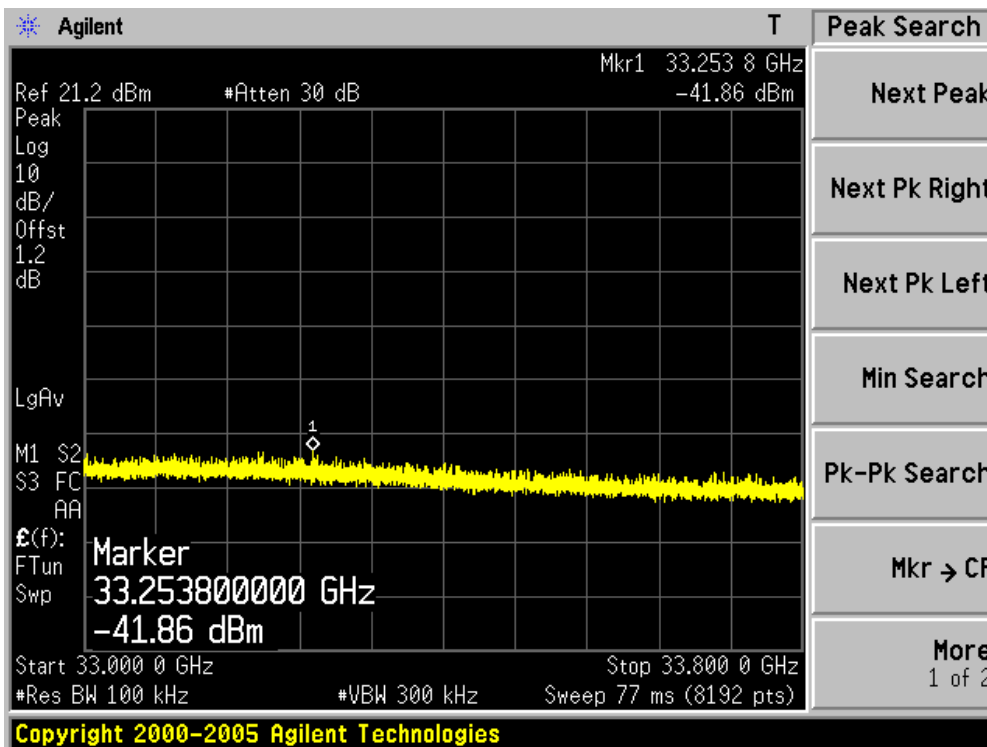
Channel 149 (5745MHz)-9



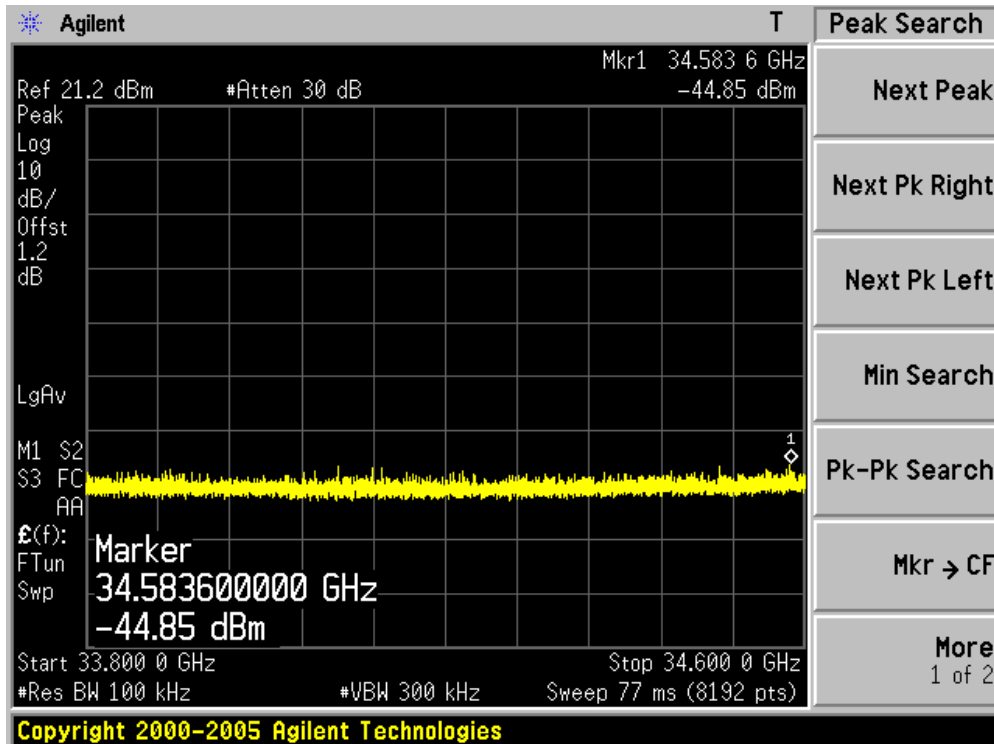
Channel 149 (5745MHz)-10



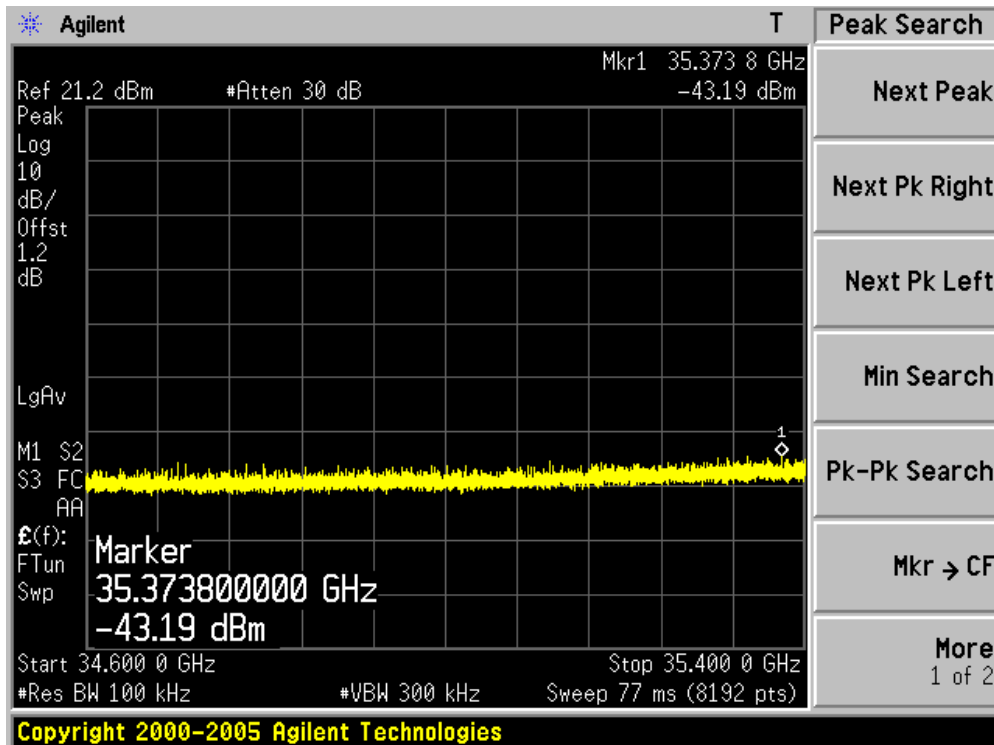
Channel 149 (5745MHz)-11



Channel 149 (5745MHz)-12

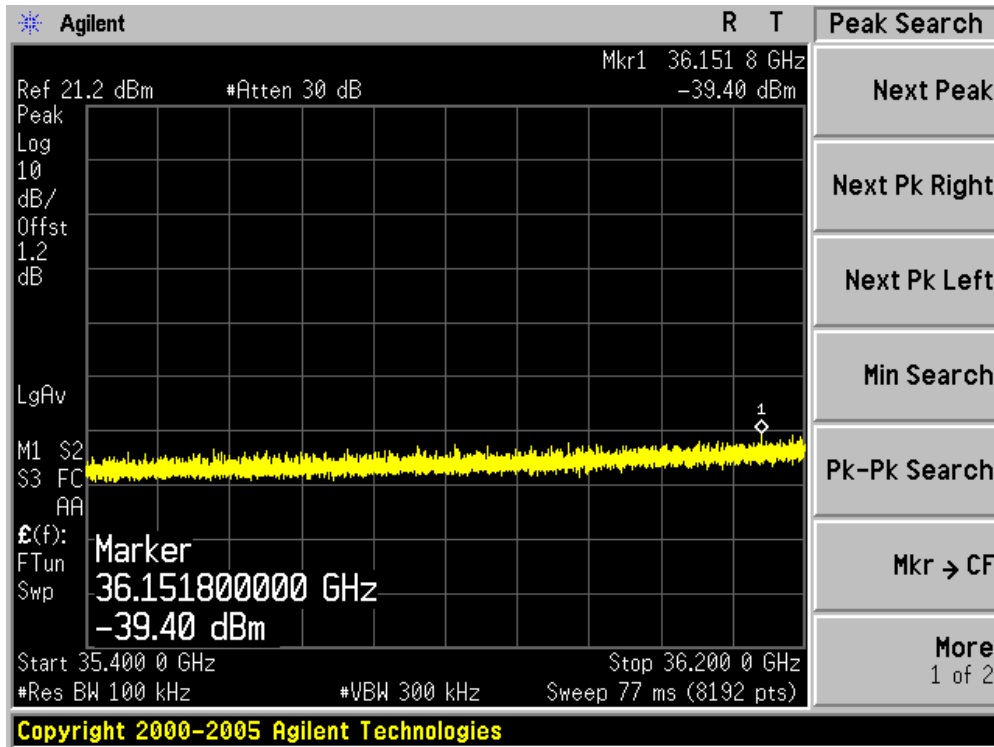


Channel 149 (5745MHz)-13

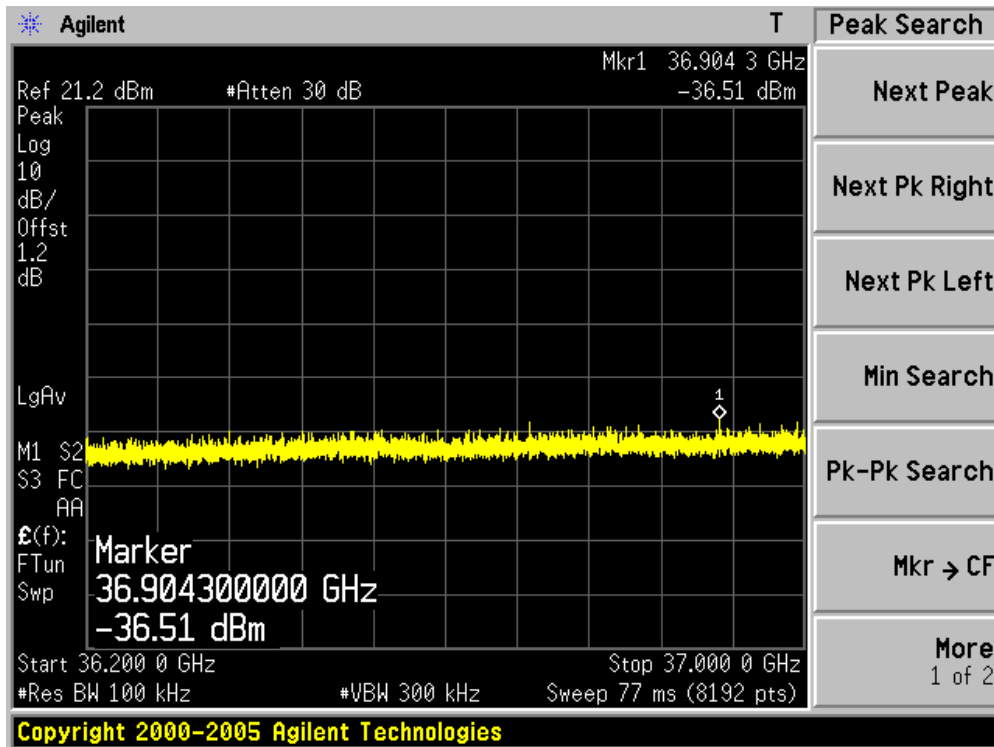




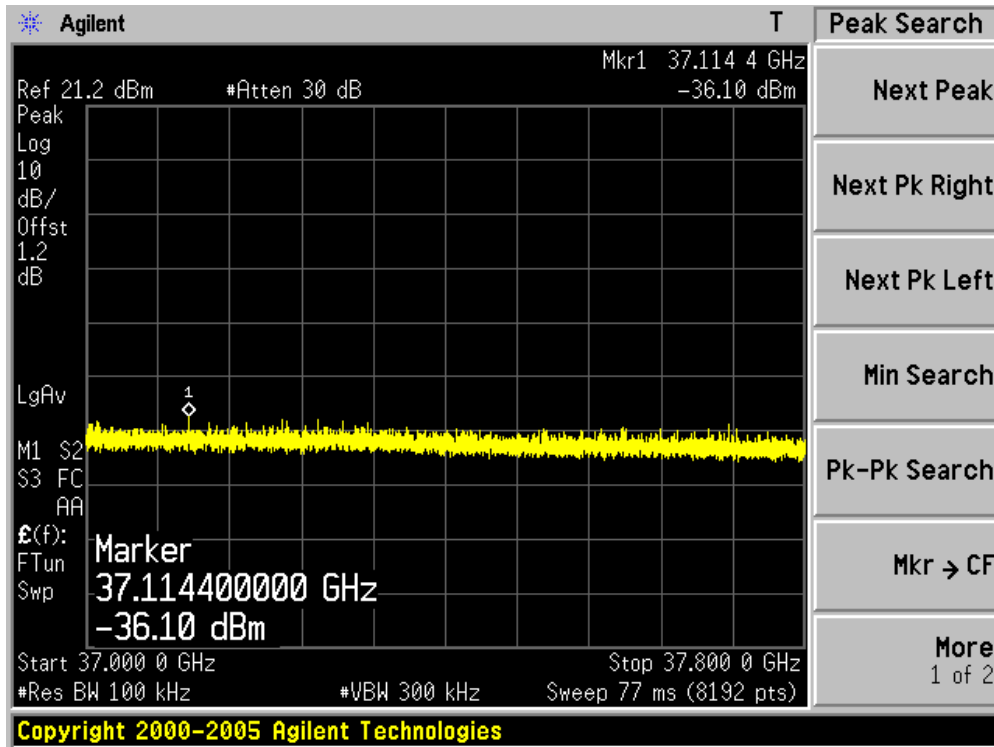
Channel 149 (5745MHz)-14



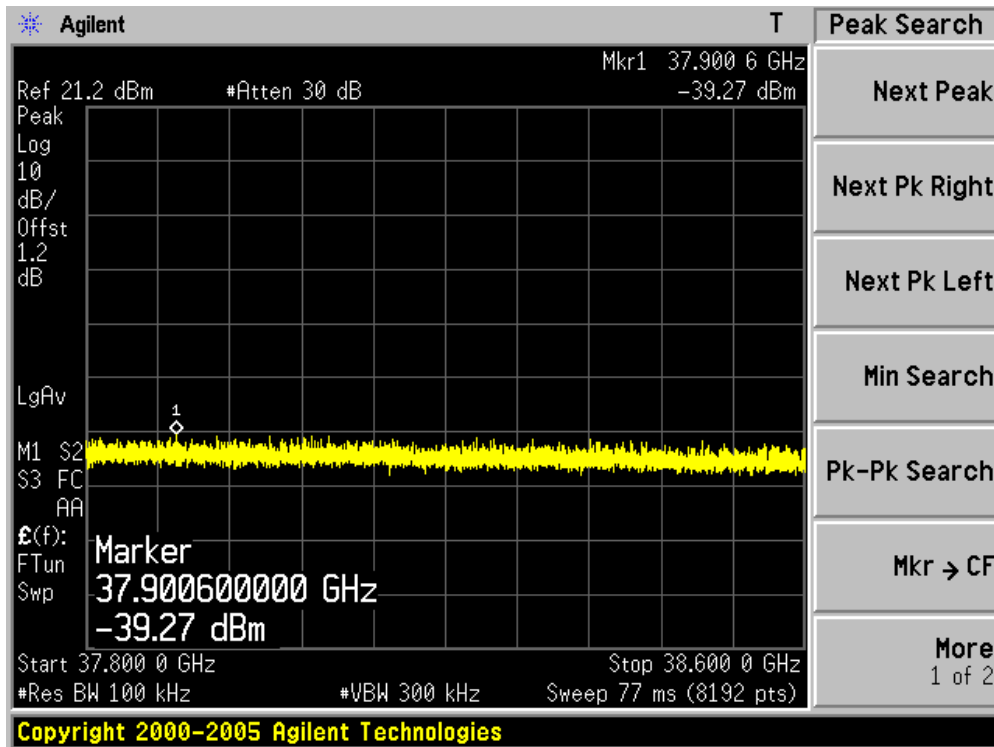
Channel 149 (5745MHz)-15



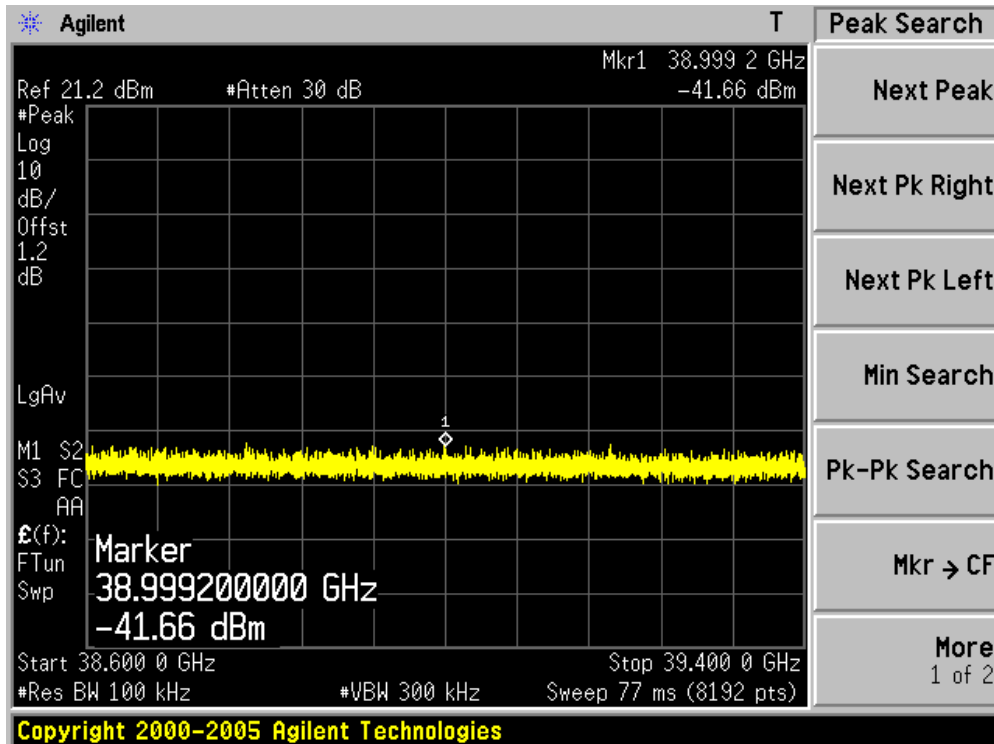
Channel 149 (5745MHz)-16



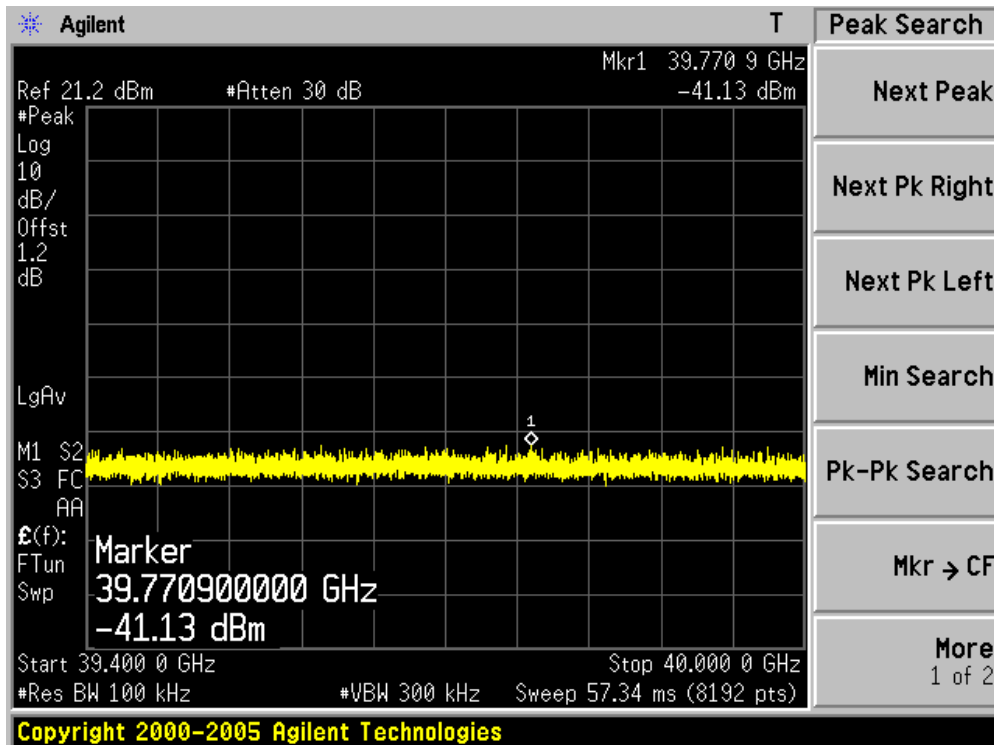
Channel 149 (5745MHz)-17



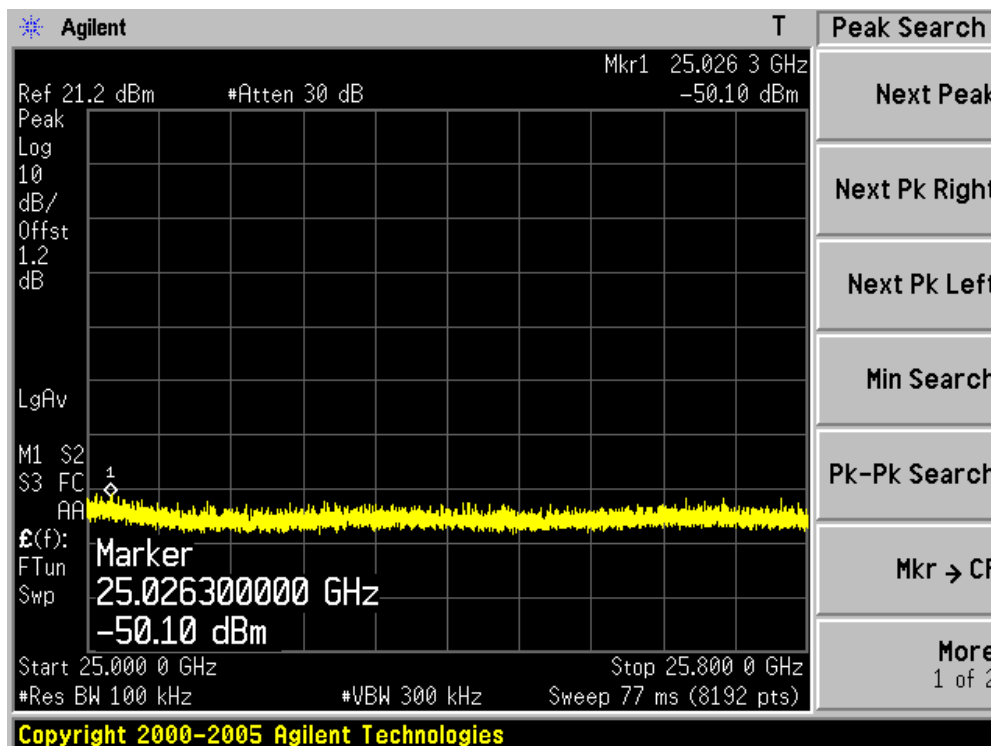
Channel 149 (5745MHz)-18



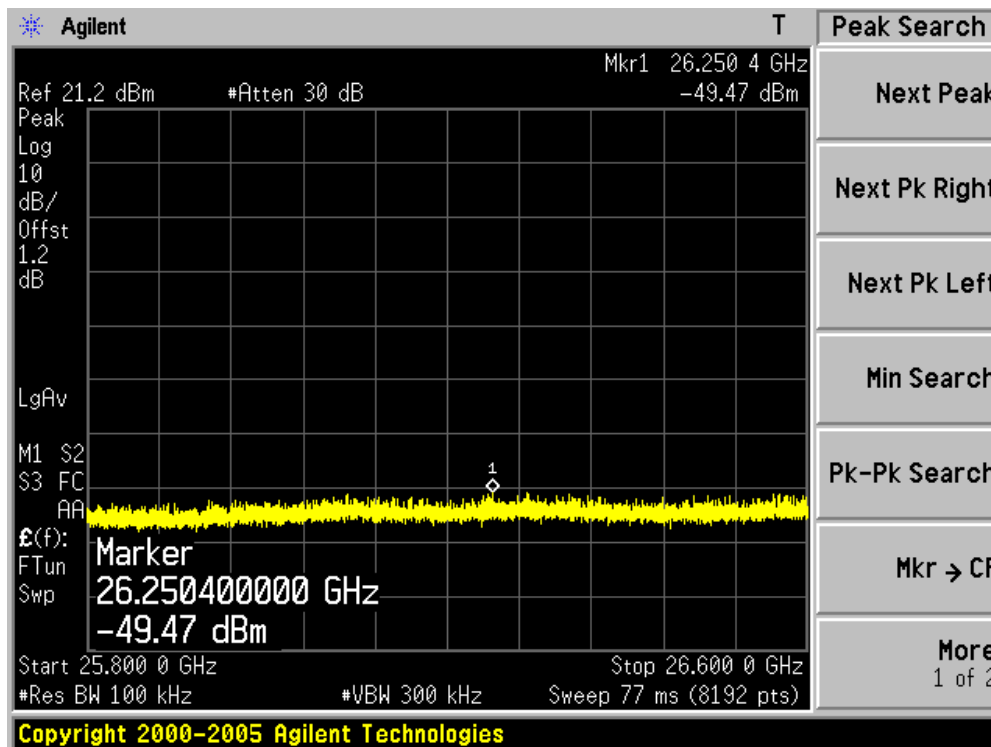
Channel 149 (5745MHz)-19



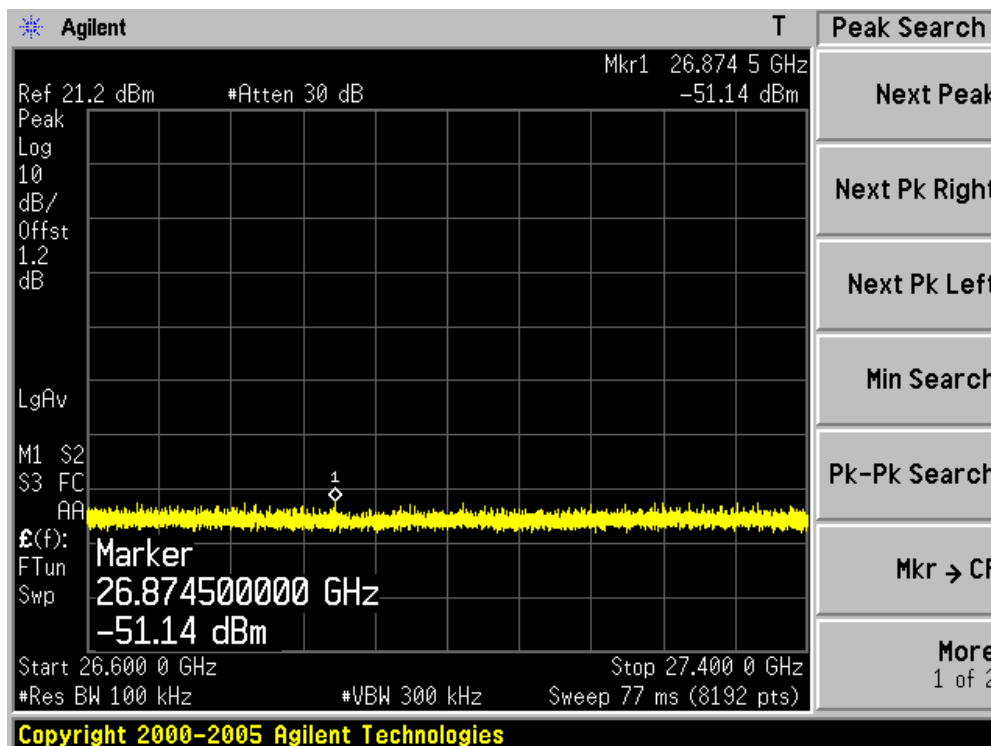
Channel 157 (5785MHz)-1



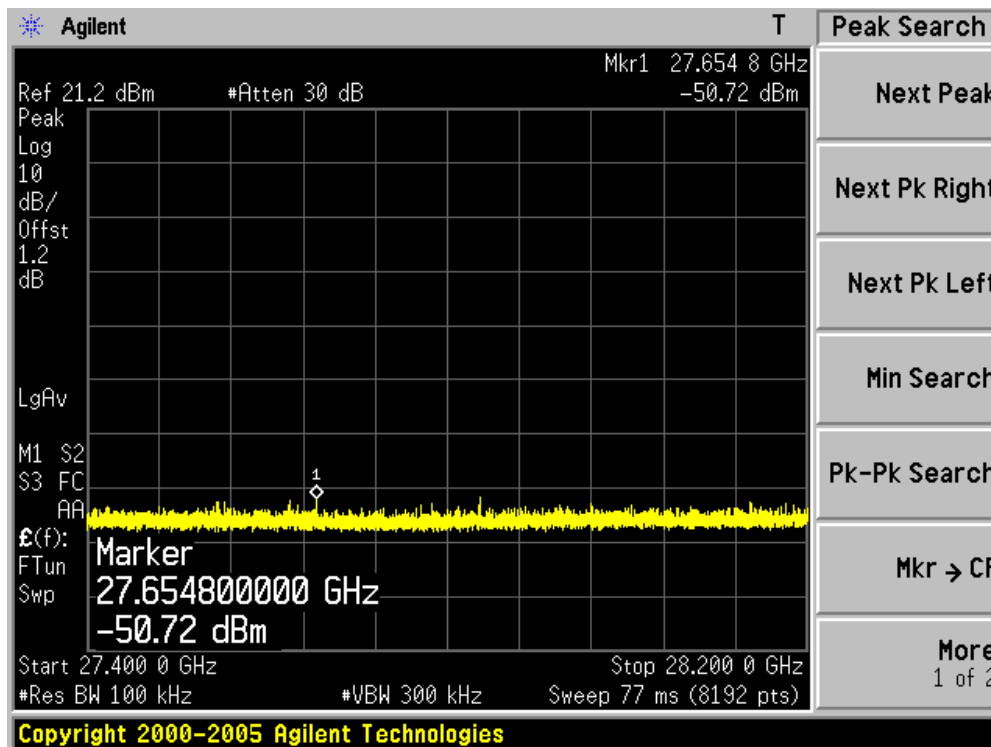
Channel 157 (5785MHz)-2



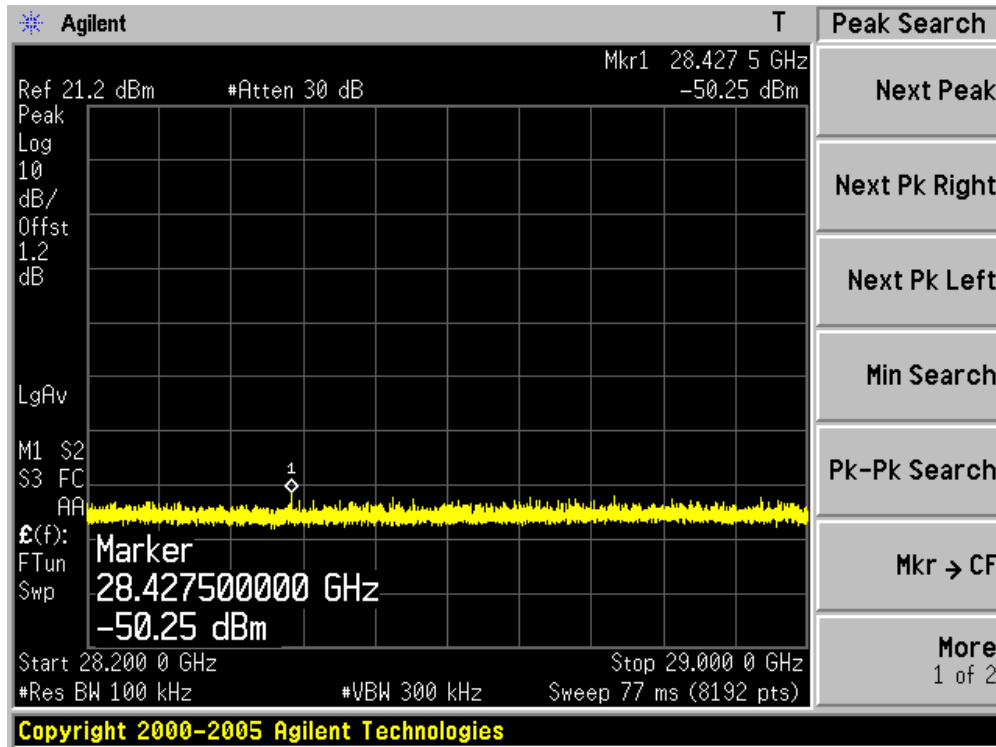
Channel 157 (5785MHz)-3



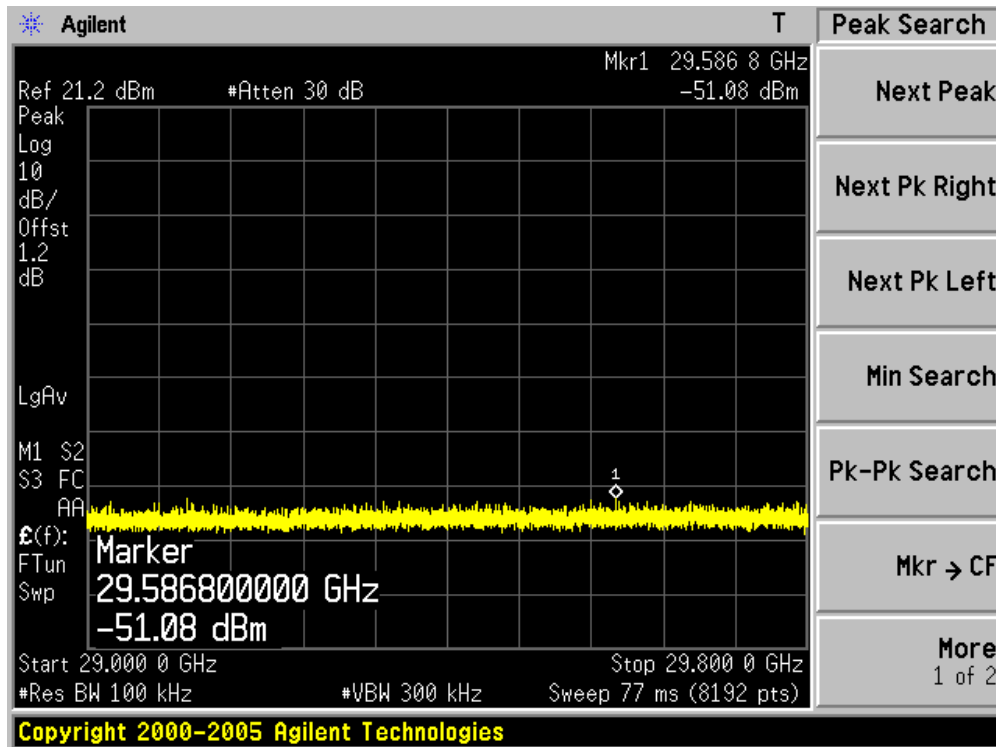
Channel 157 (5785MHz)-4



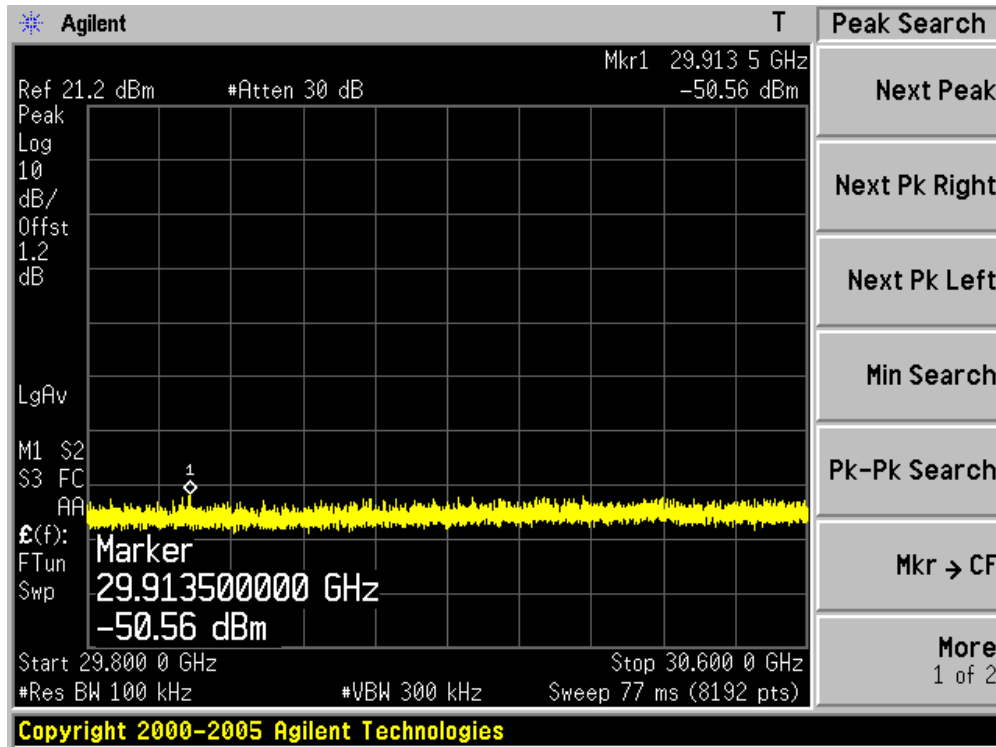
Channel 157 (5785MHz)-5



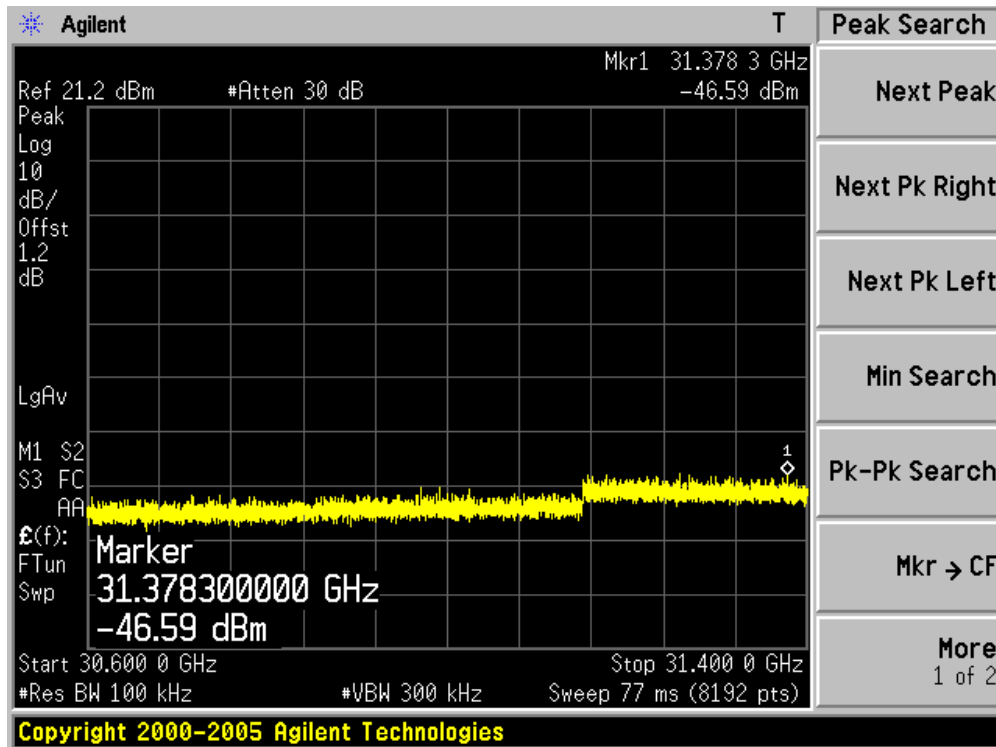
Channel 157 (5785MHz)-6



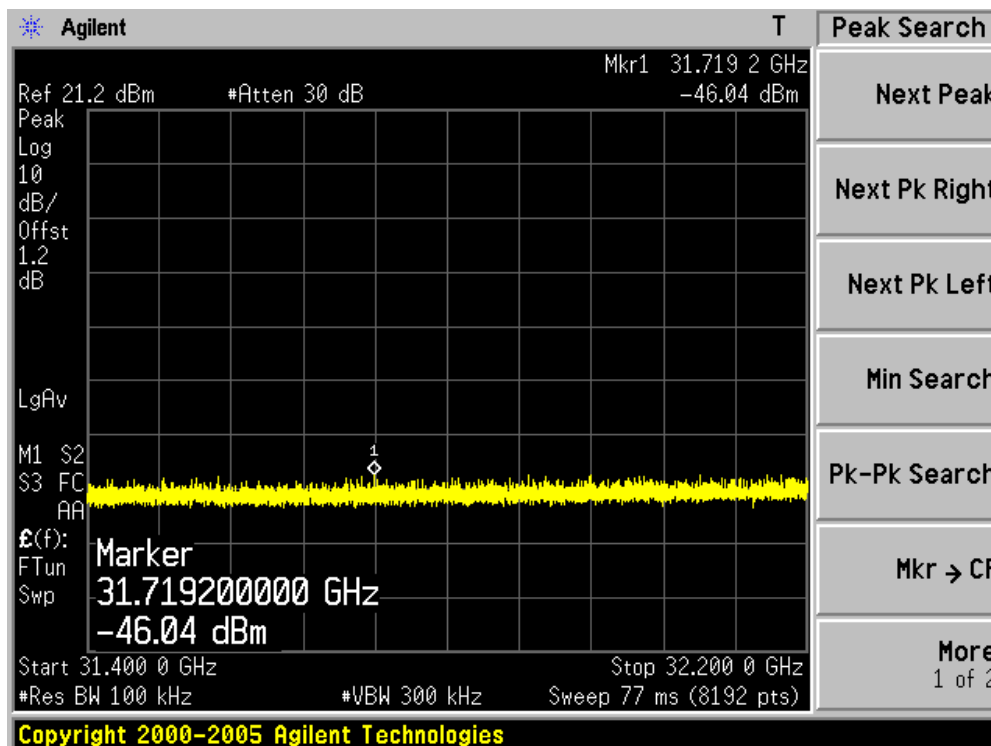
Channel 157 (5785MHz)-7



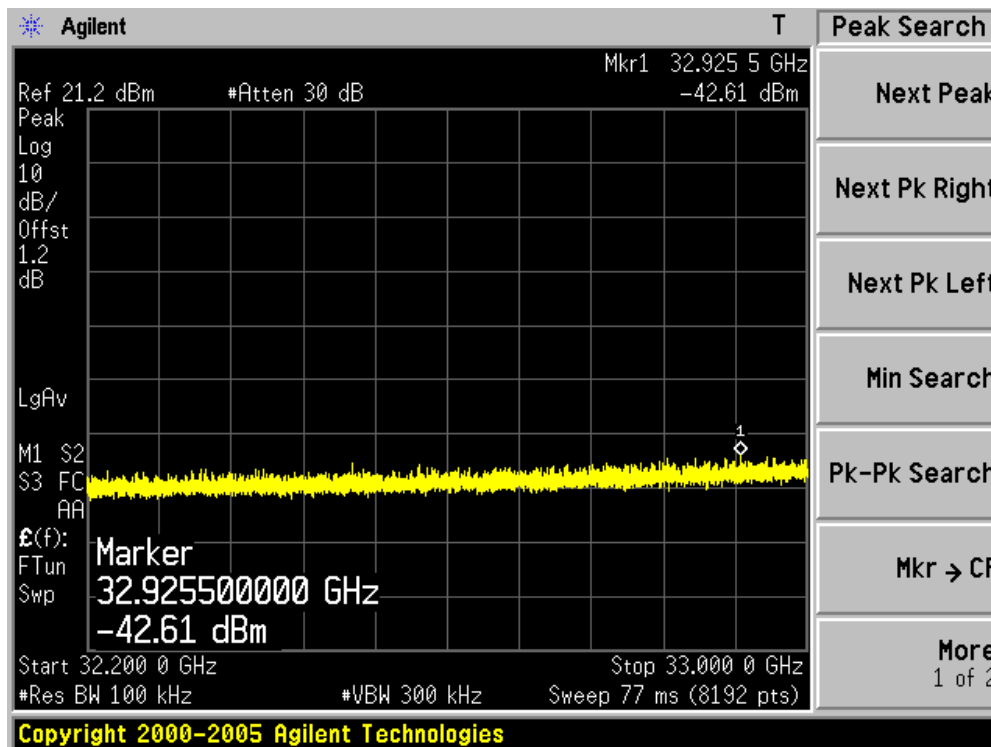
Channel 157 (5785MHz)-8



Channel 157 (5785MHz)-9

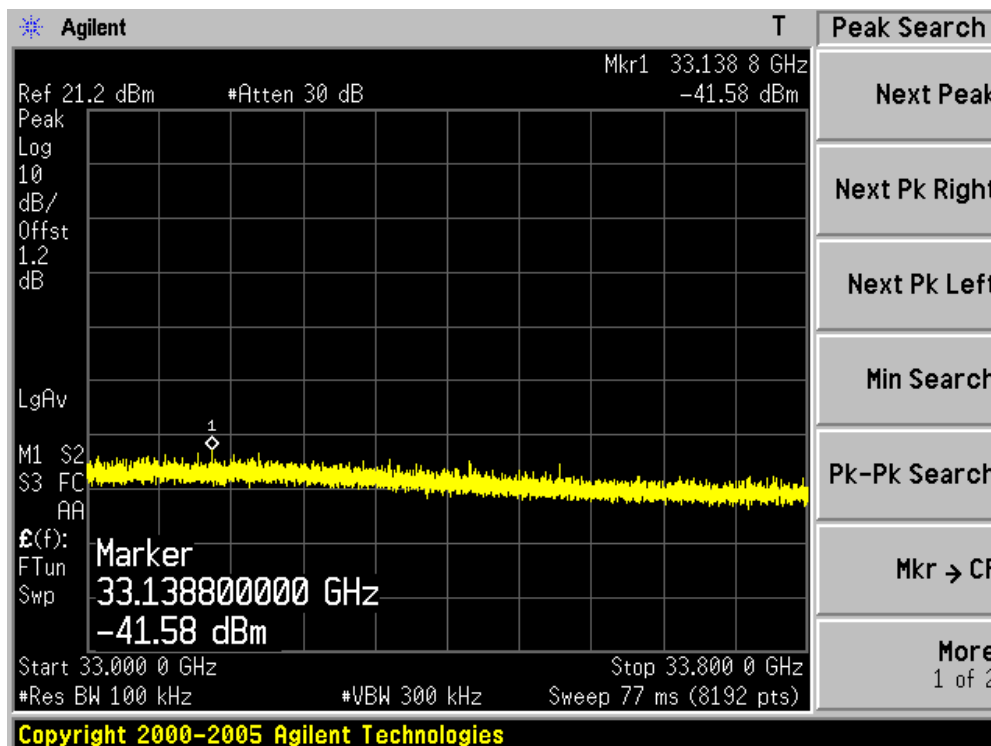


Channel 157 (5785MHz)-10

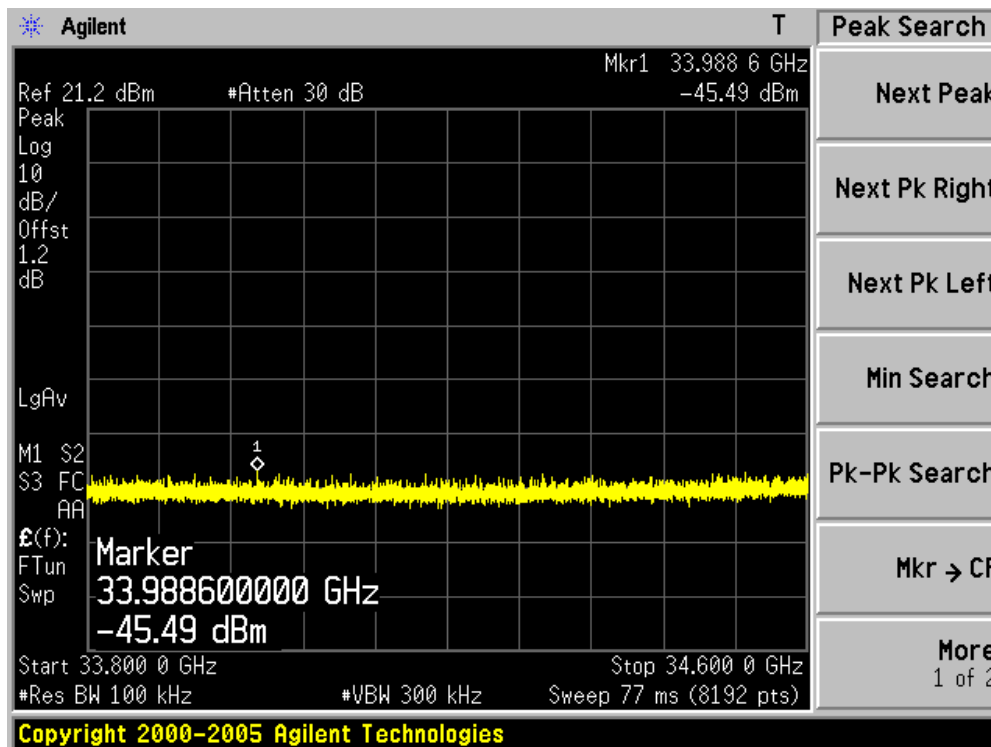




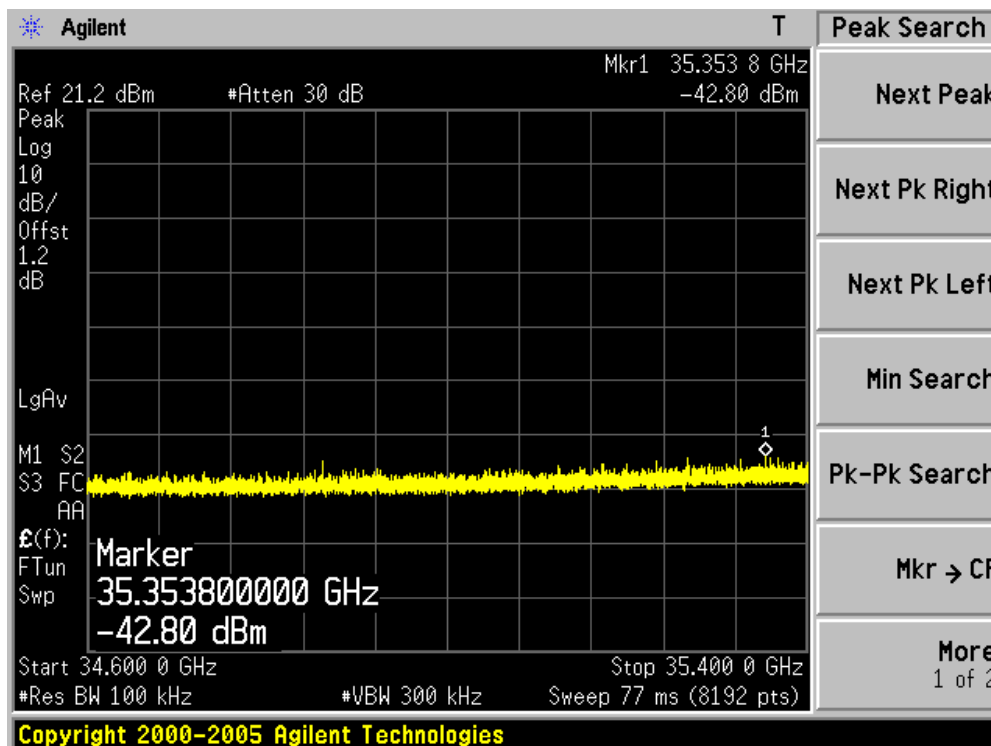
Channel 157 (5785MHz)-11



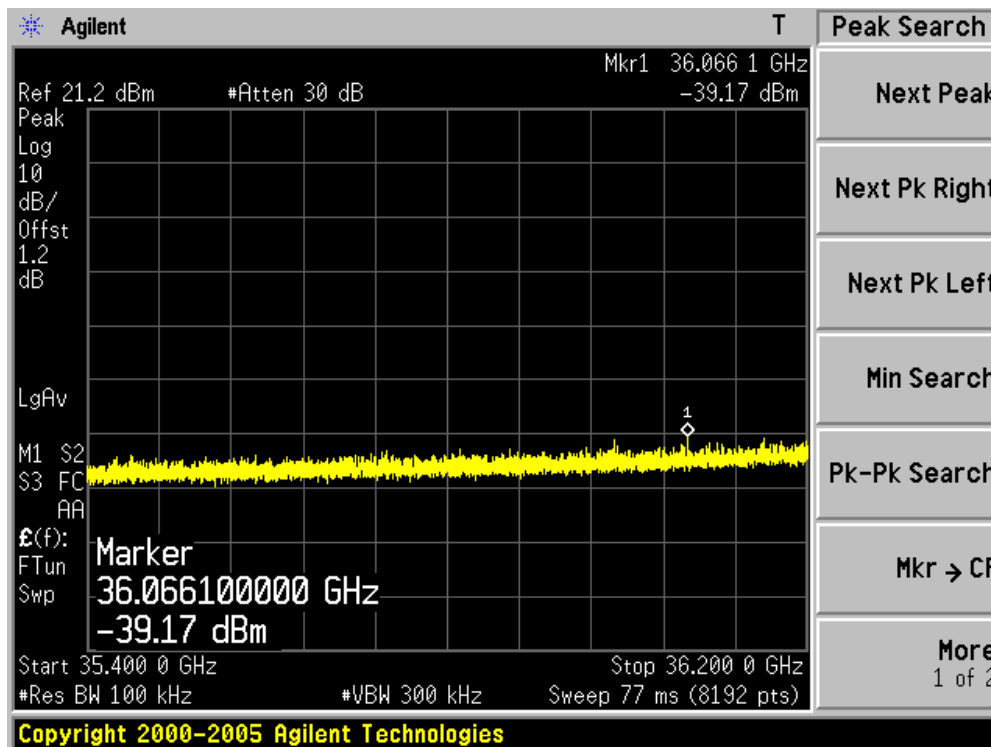
Channel 157 (5785MHz)-12



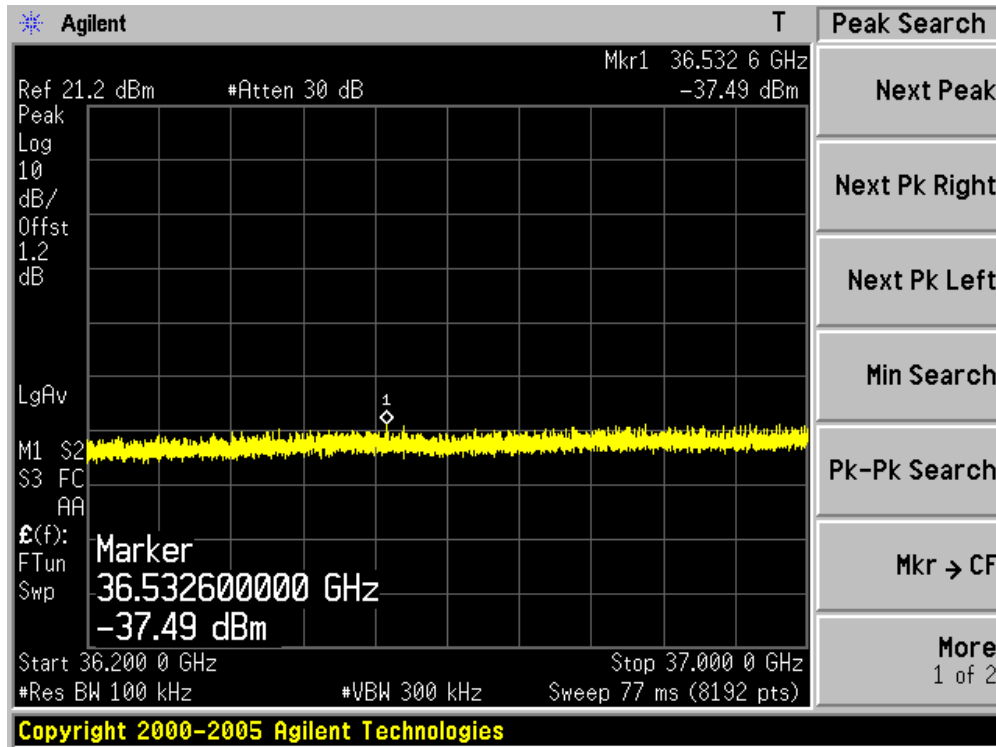
Channel 157 (5785MHz)-13



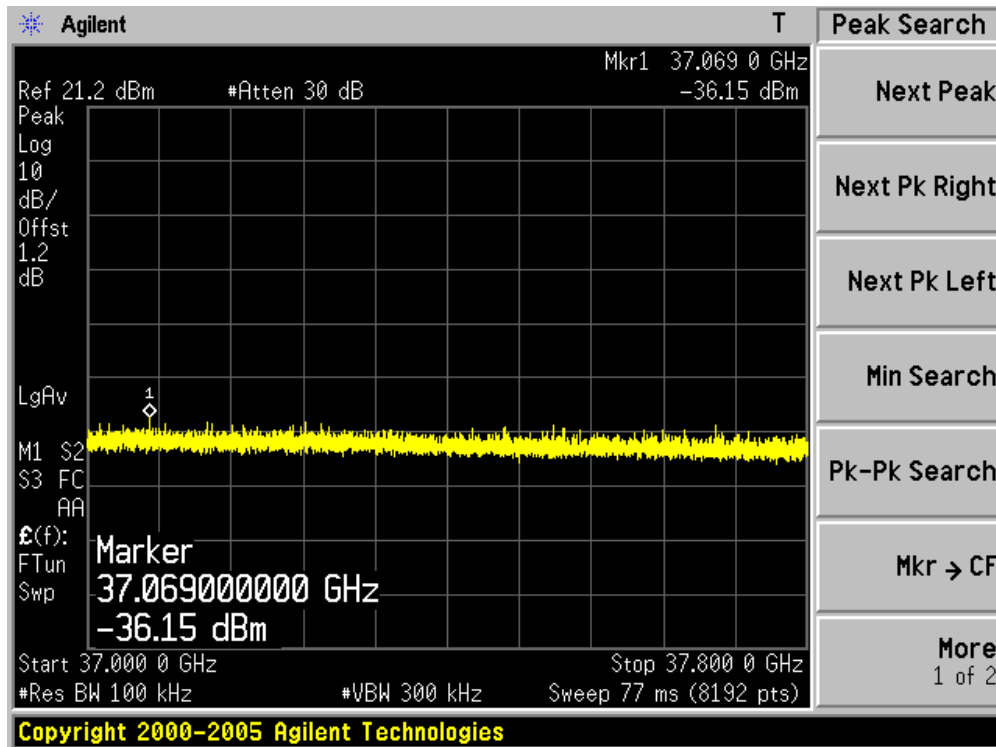
Channel 157 (5785MHz)-14



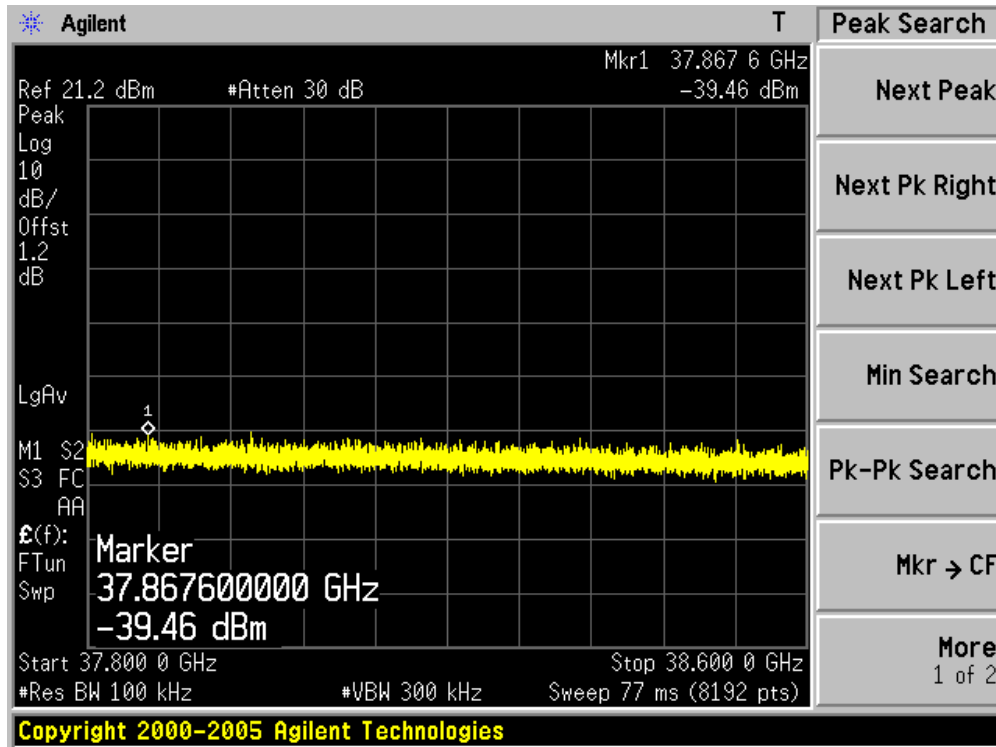
Channel 157 (5785MHz)-15



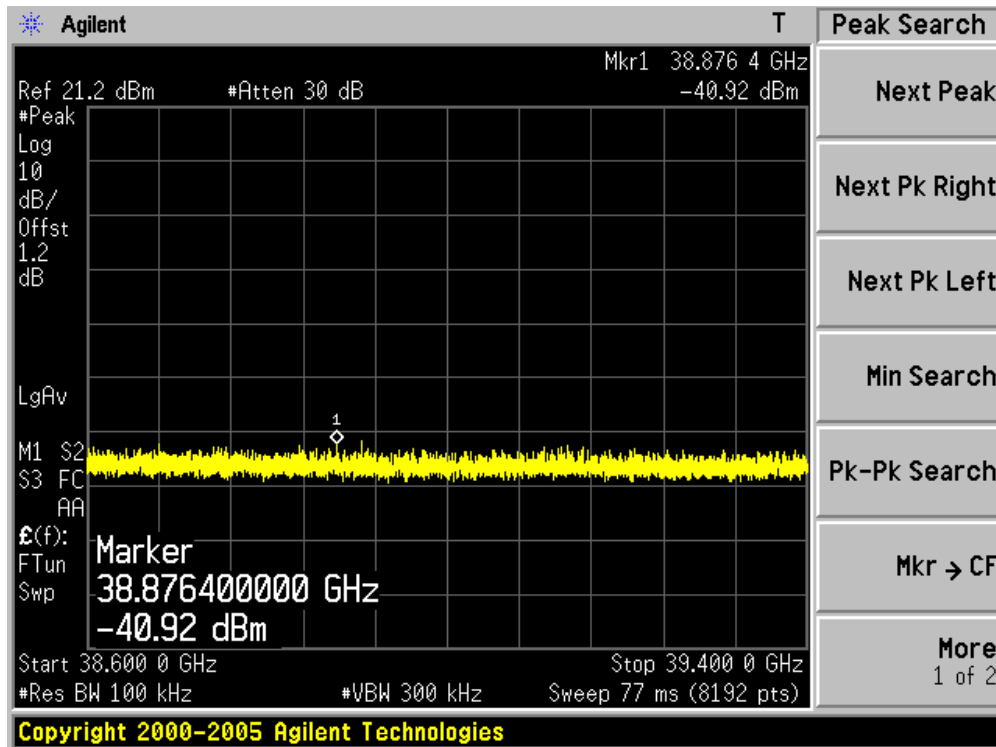
Channel 157 (5785MHz)-16



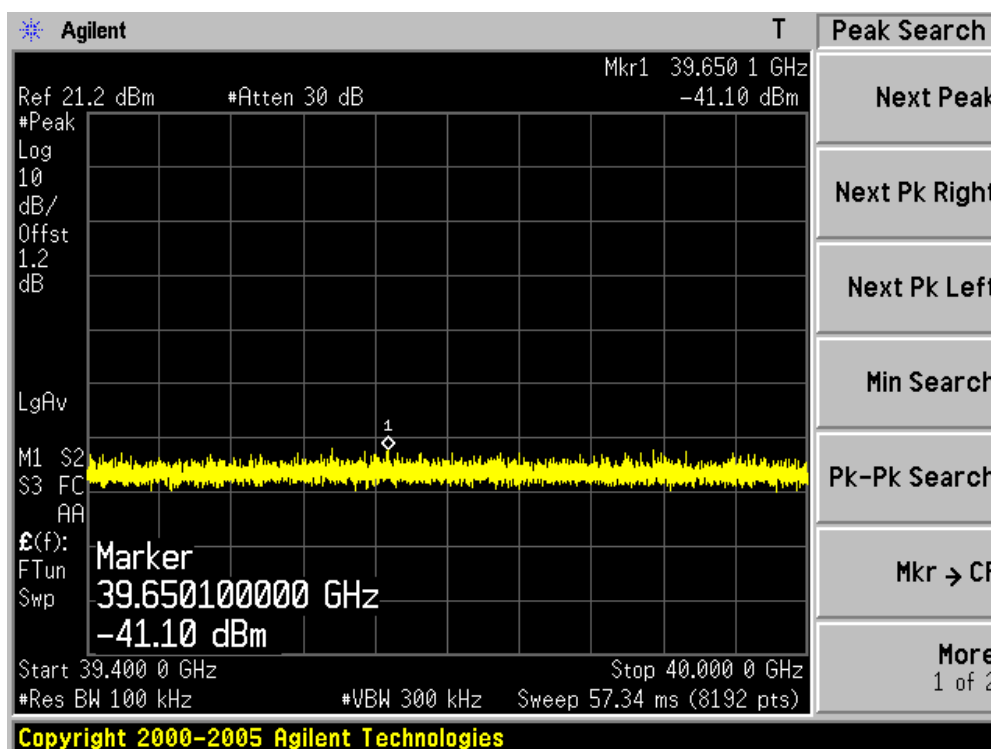
Channel 157 (5785MHz)-17



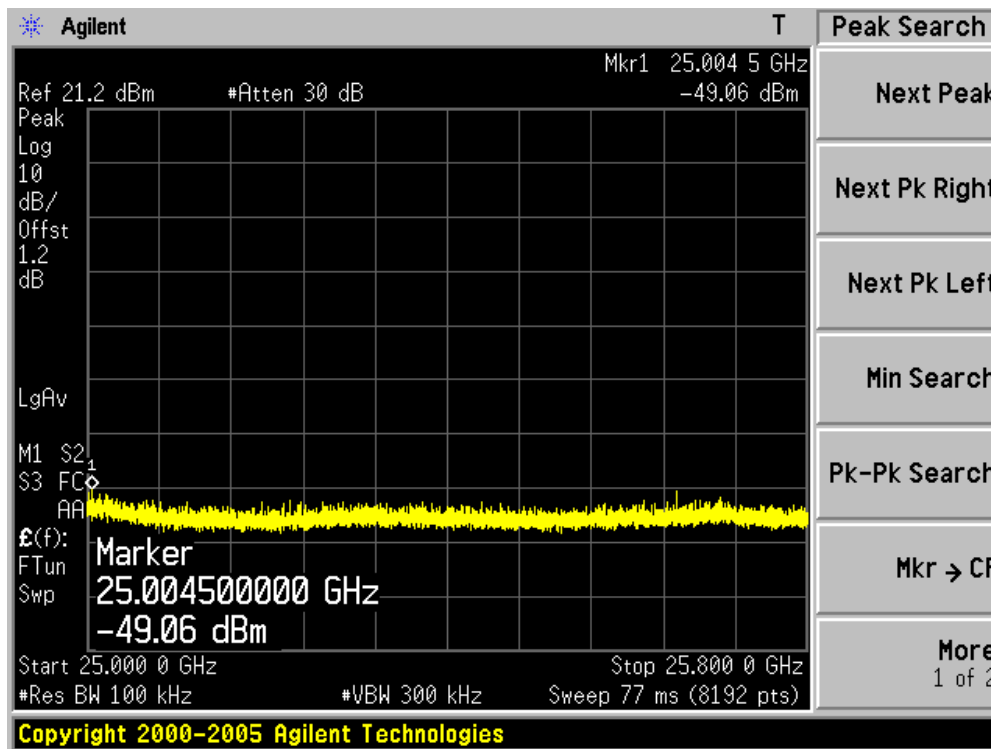
Channel 157 (5785MHz)-18



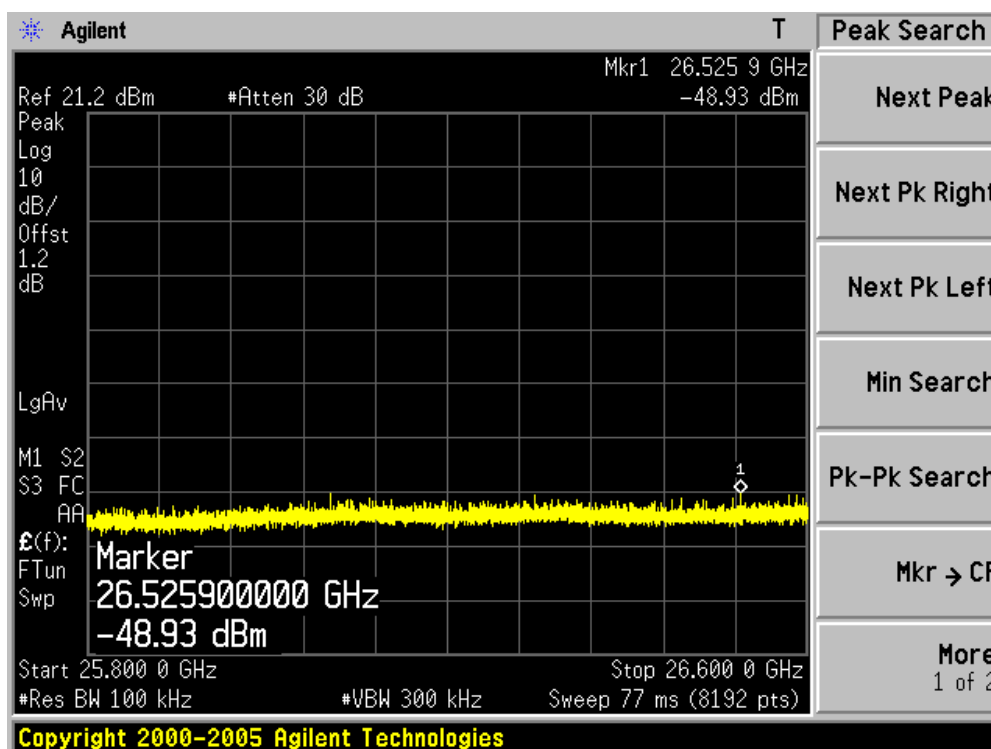
Channel 157 (5785MHz)-19



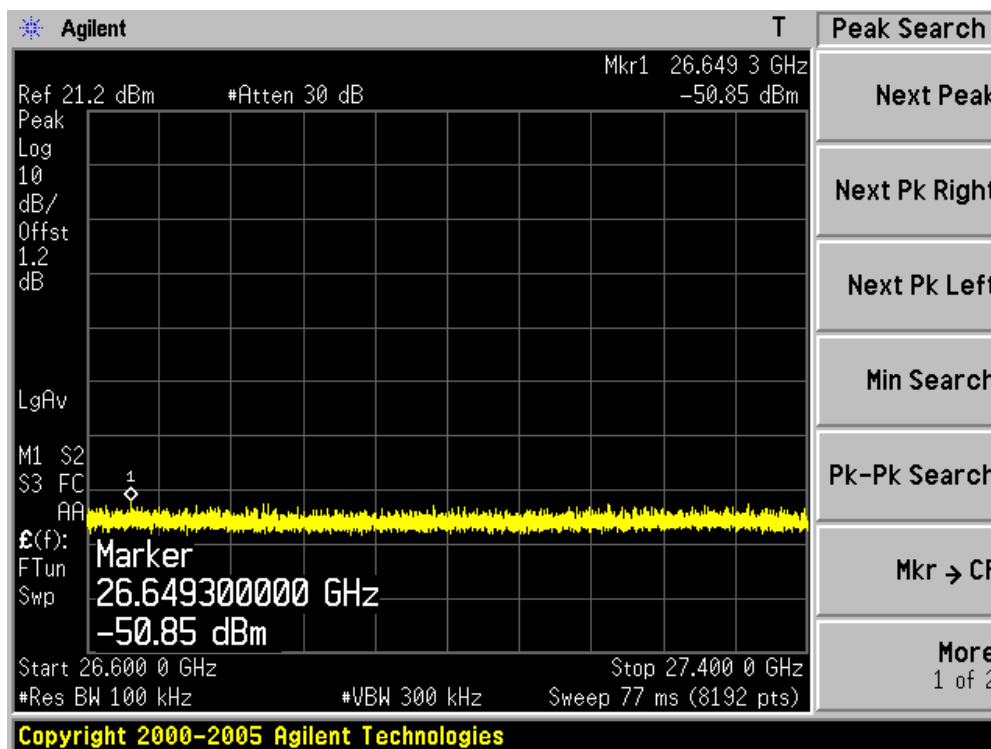
Channel 165 (5825MHz)-1



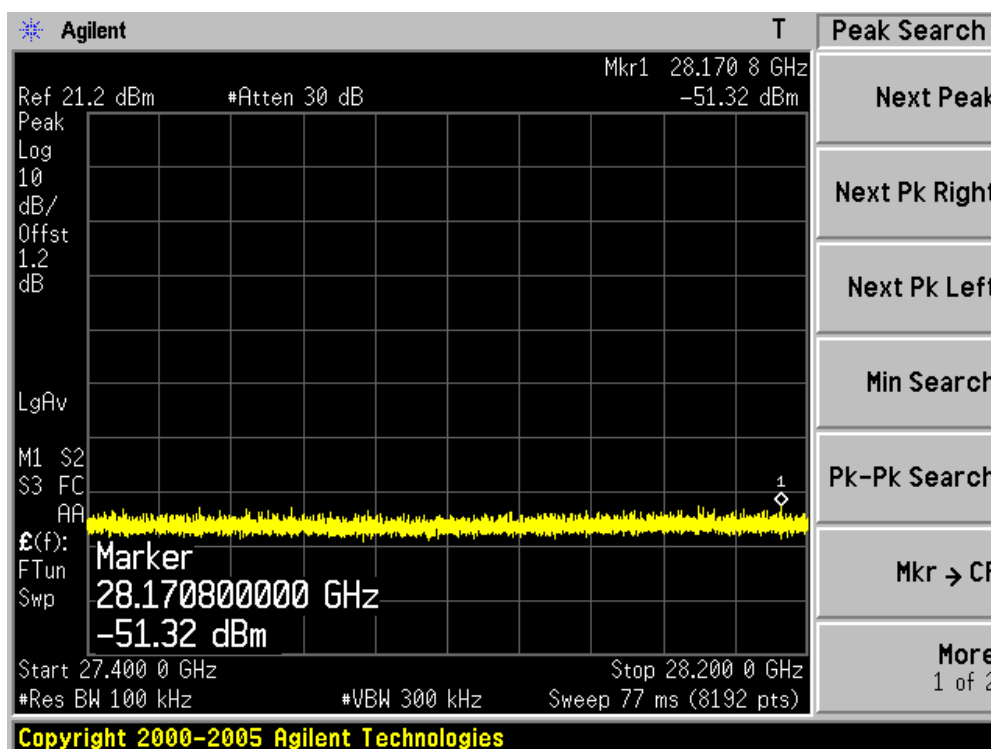
Channel 165 (5825MHz)-2



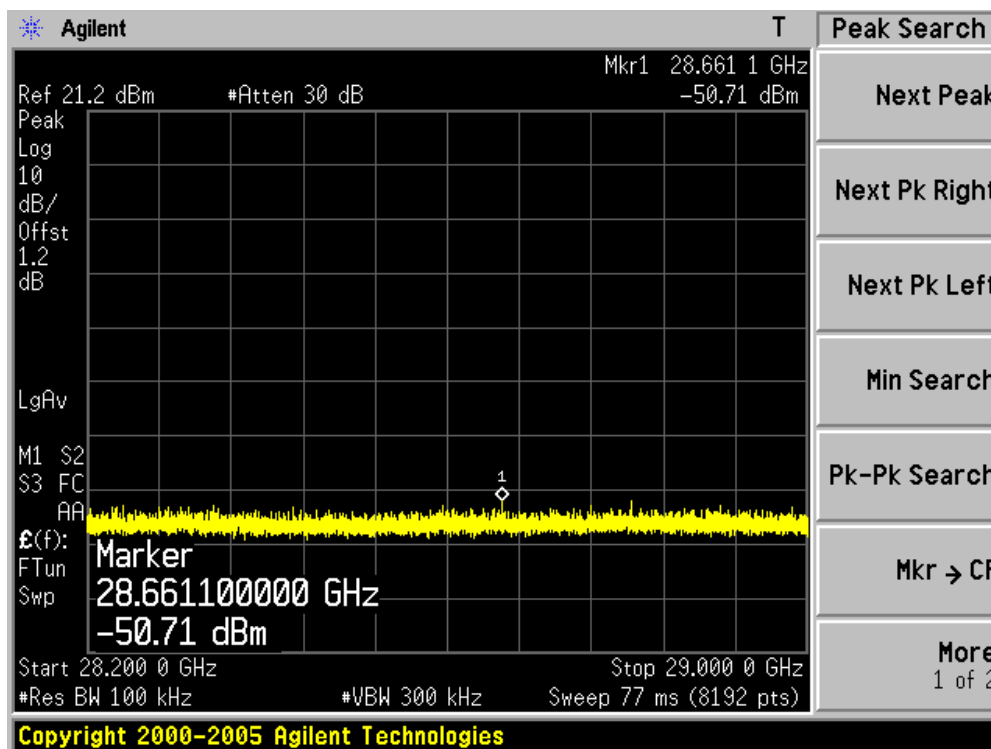
Channel 165 (5825MHz)-3



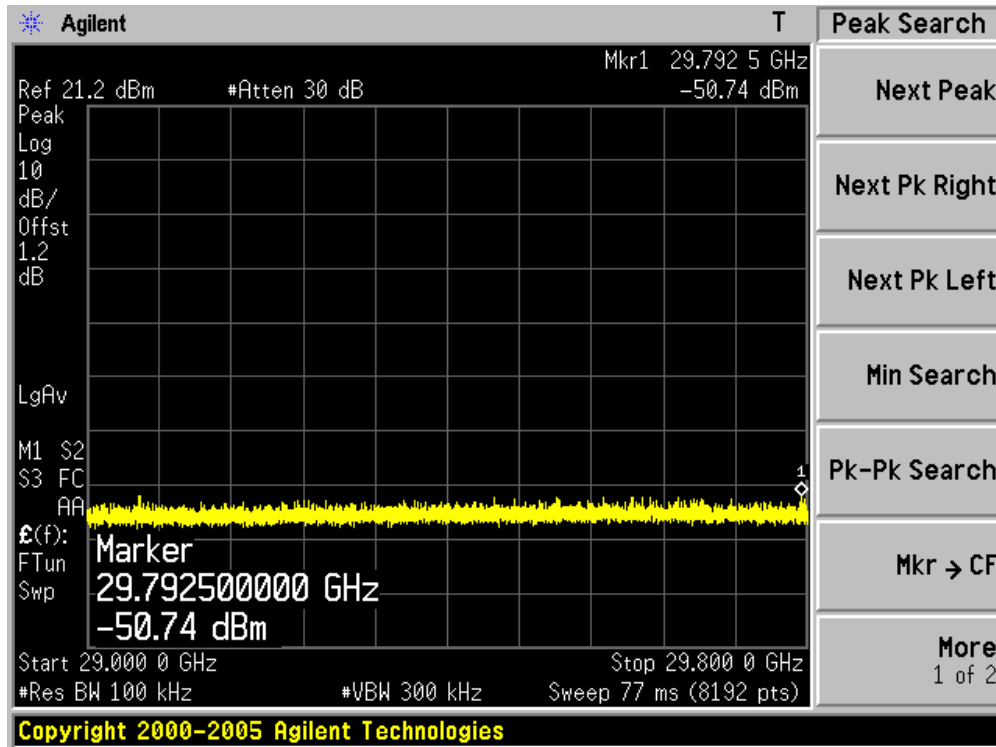
Channel 165 (5825MHz)-4



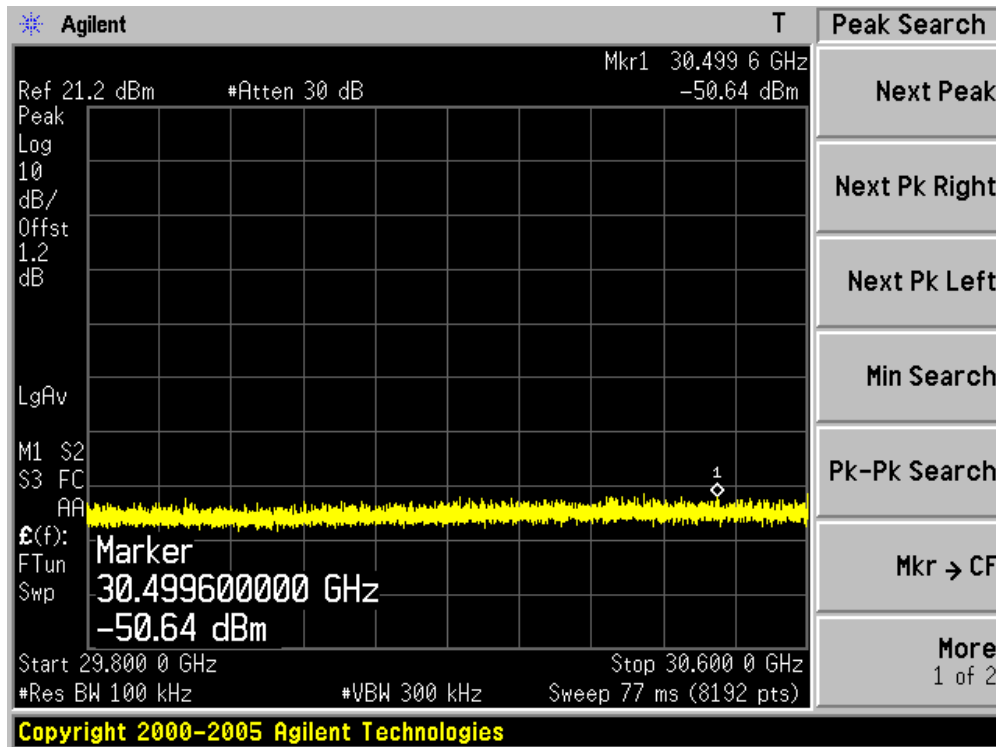
Channel 165 (5825MHz)-5



Channel 165 (5825MHz)-6

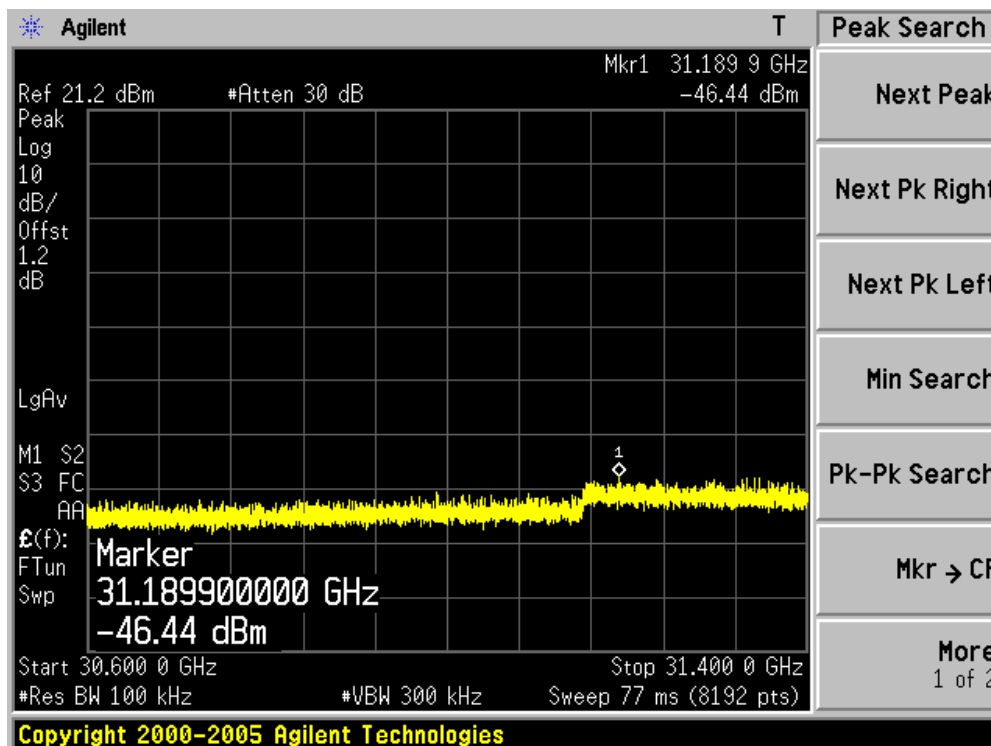


Channel 165 (5825MHz)-7

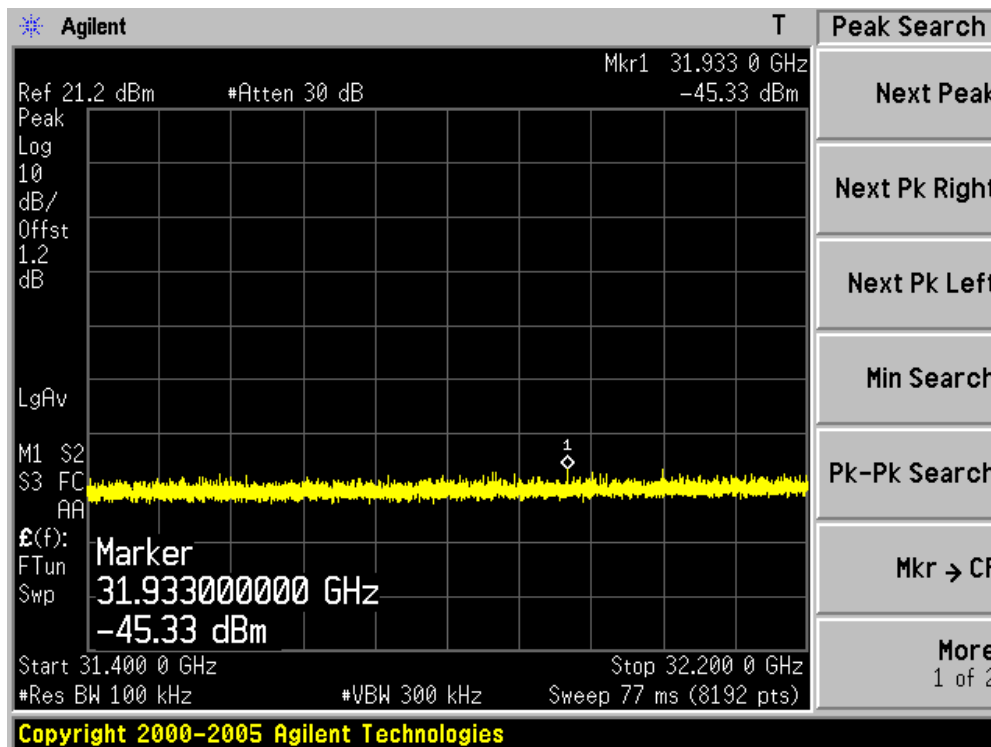




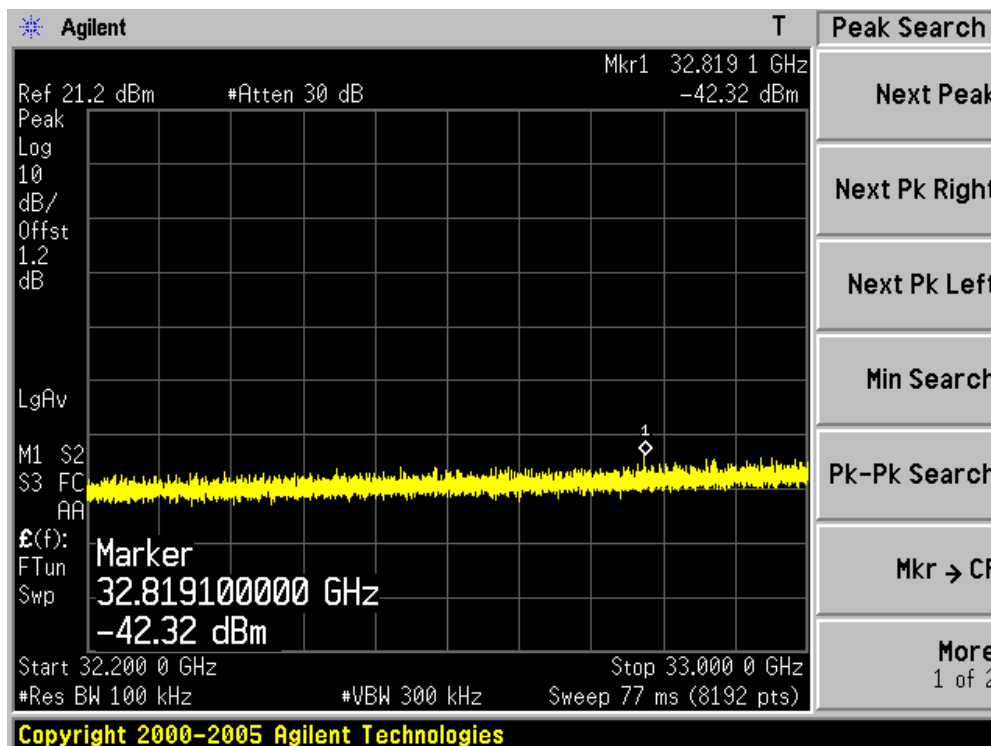
Channel 165 (5825MHz)-8



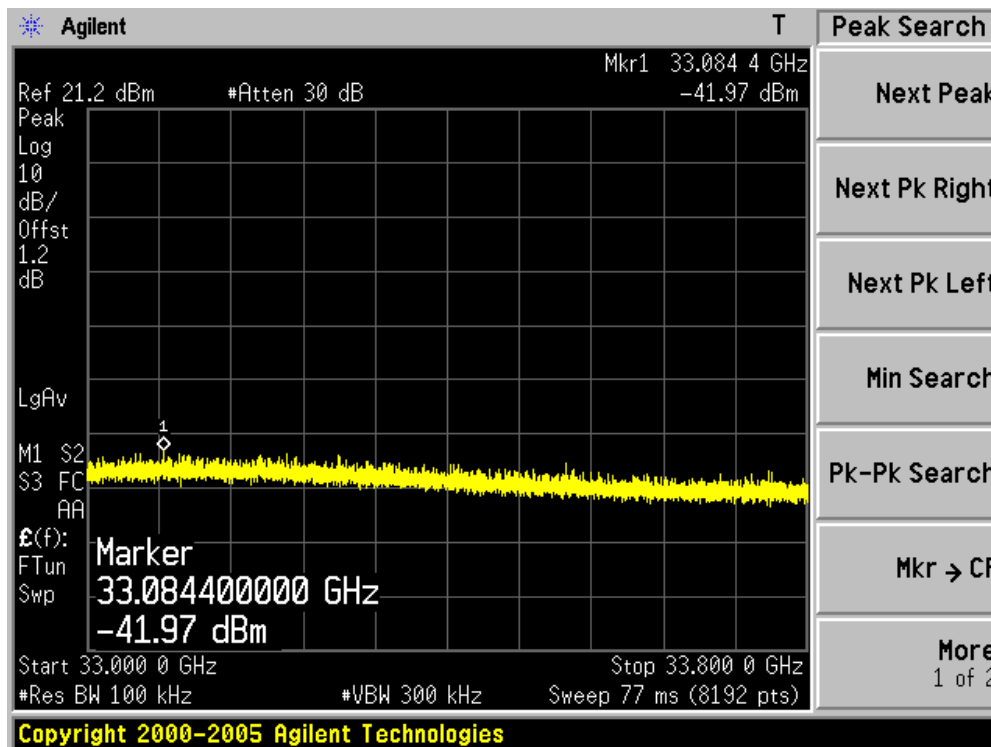
Channel 165 (5825MHz)-9



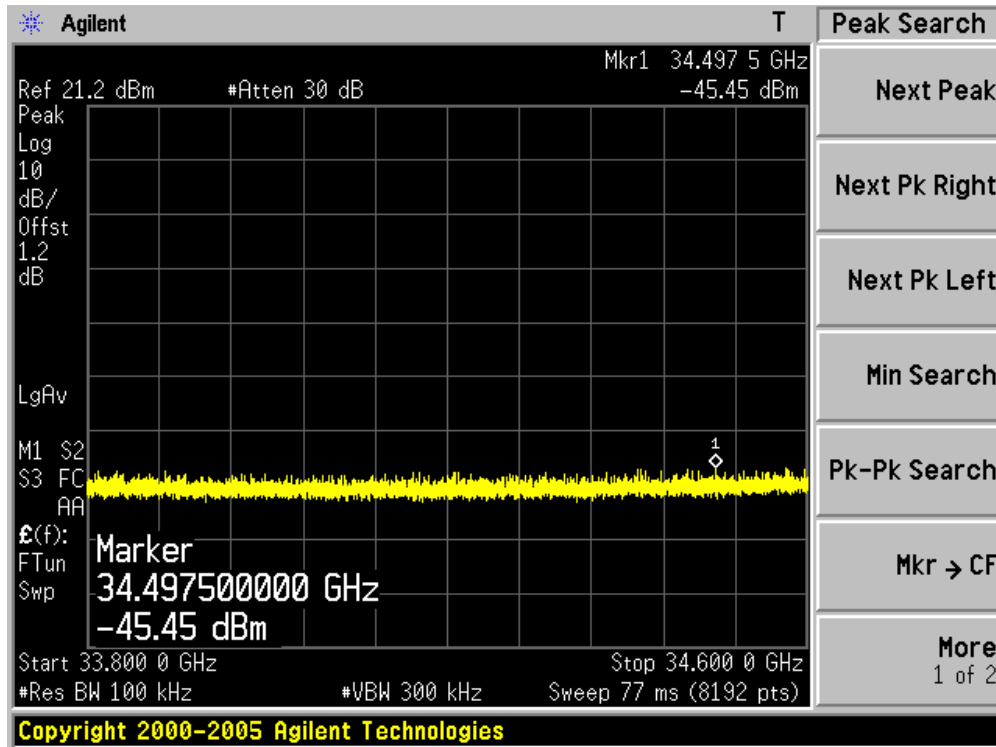
Channel 165 (5825MHz)-10



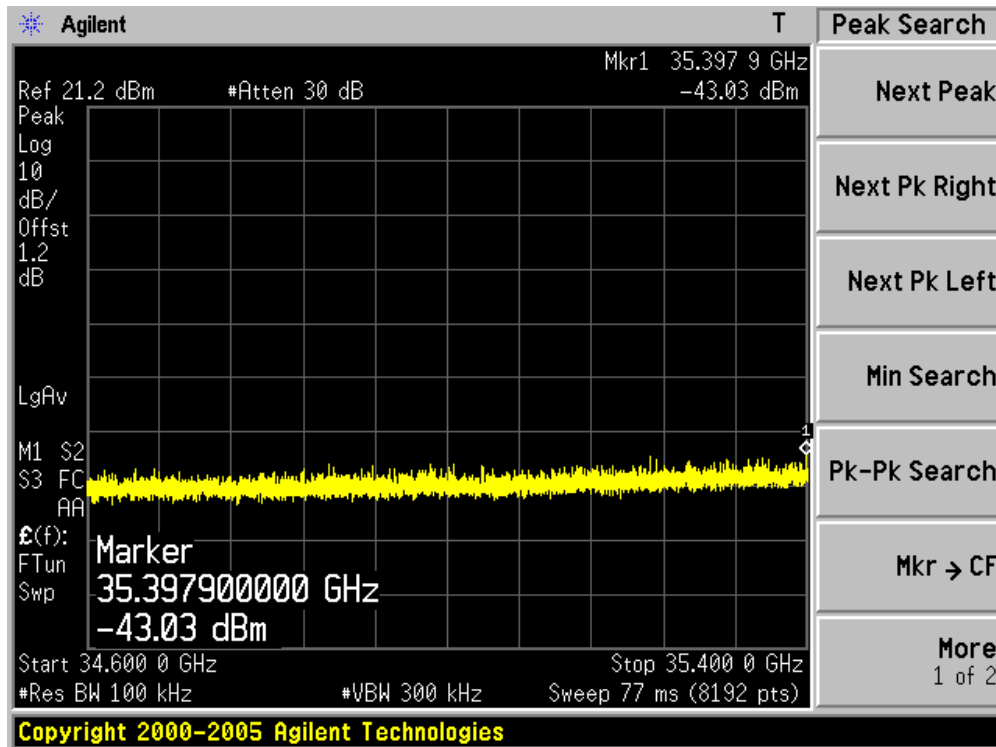
Channel 165 (5825MHz)-11



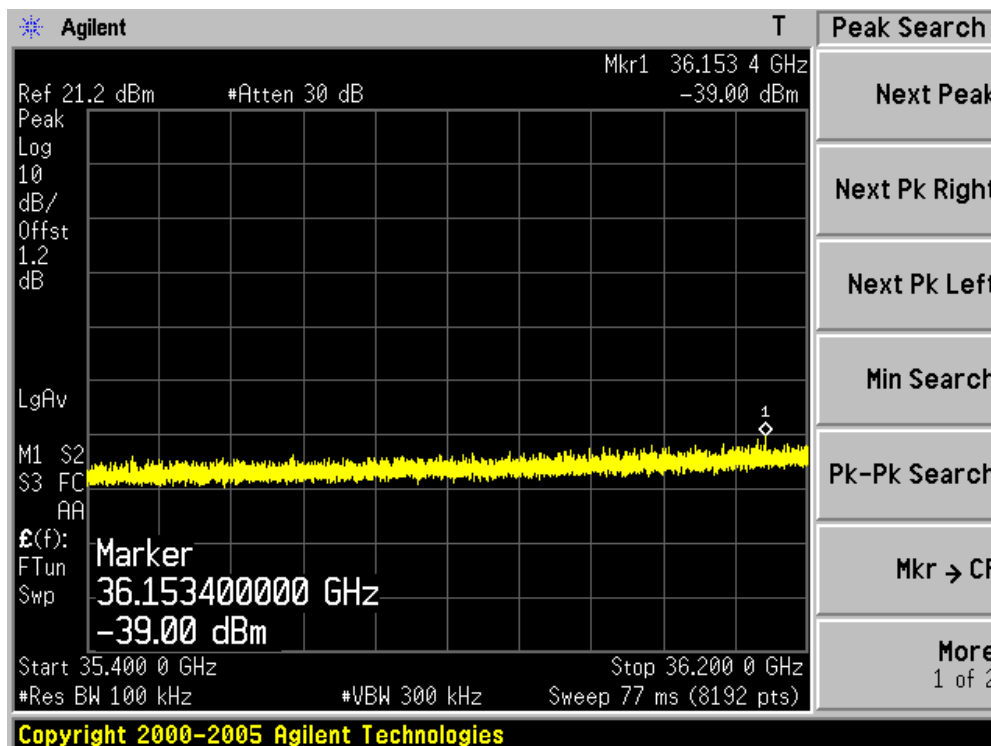
Channel 165 (5825MHz)-12



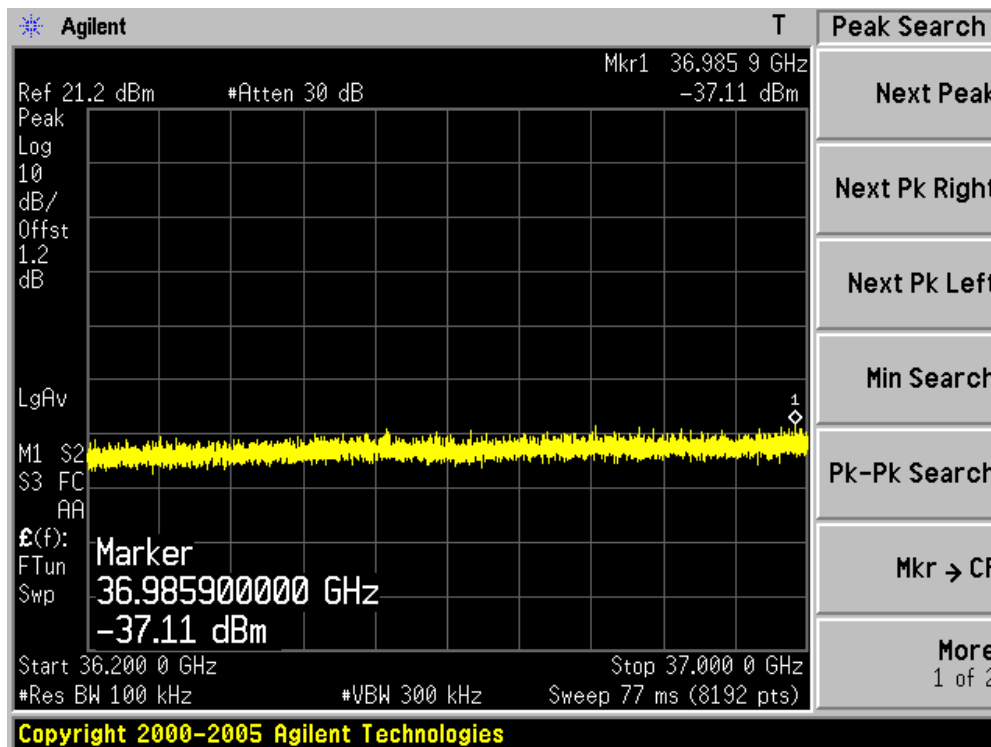
Channel 165 (5825MHz)-13



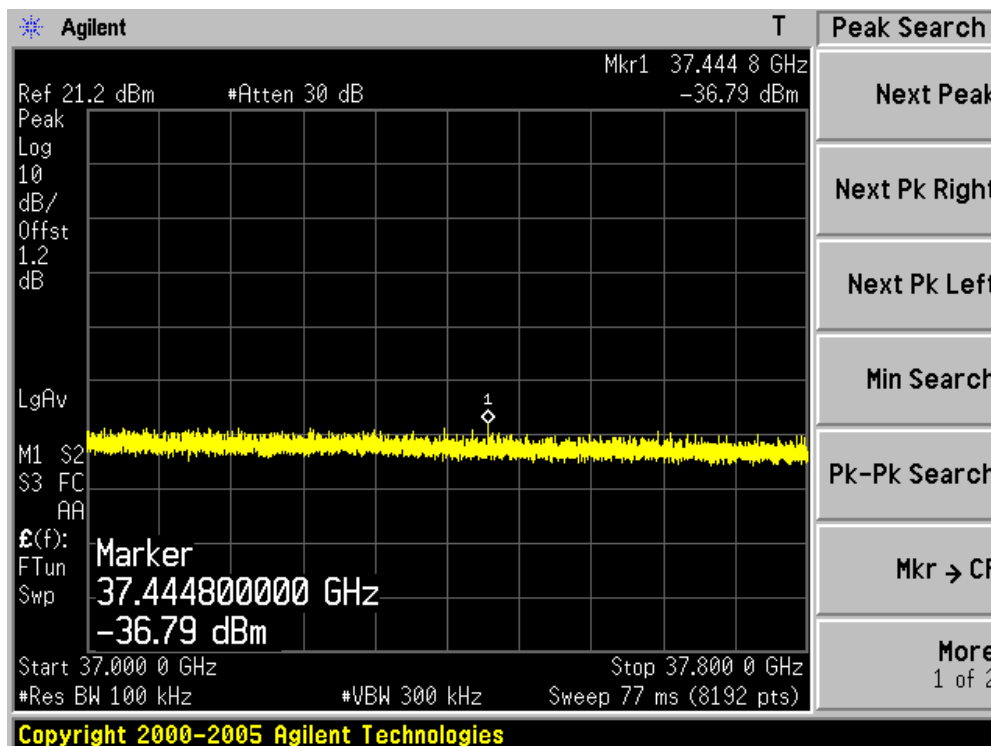
Channel 165 (5825MHz)-14



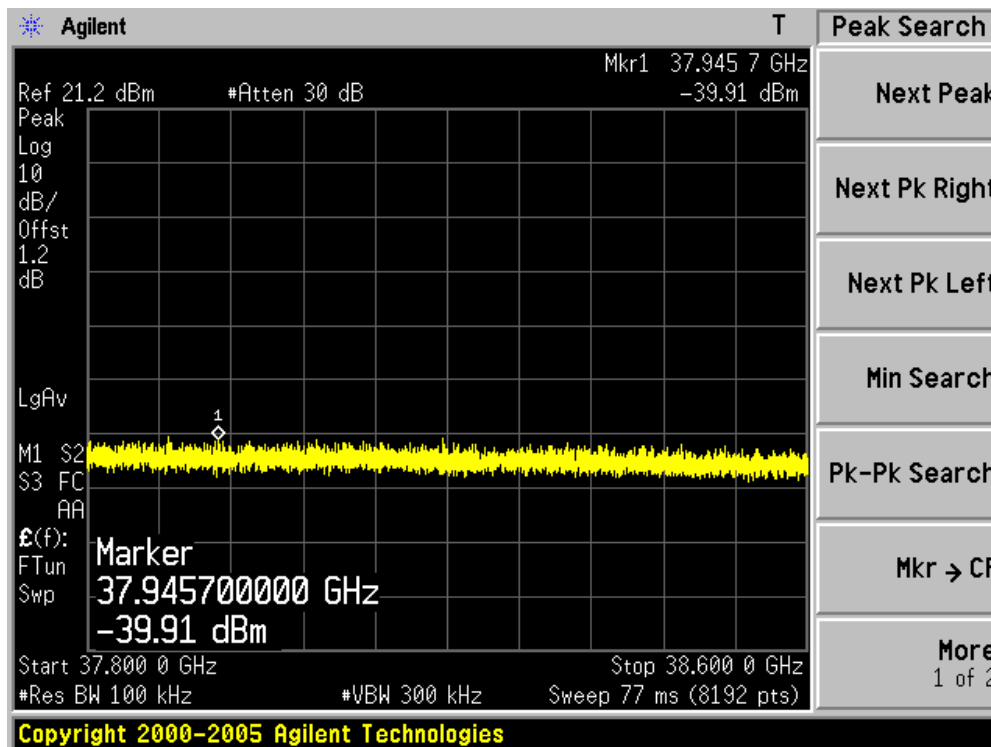
Channel 165 (5825MHz)-15



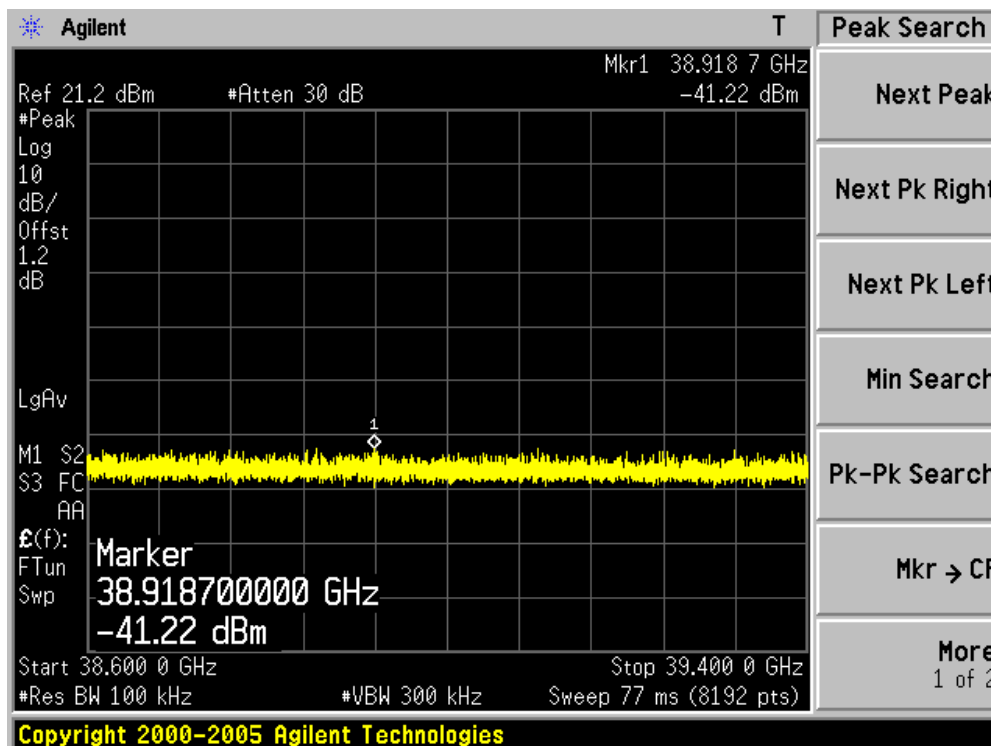
Channel 165 (5825MHz)-16



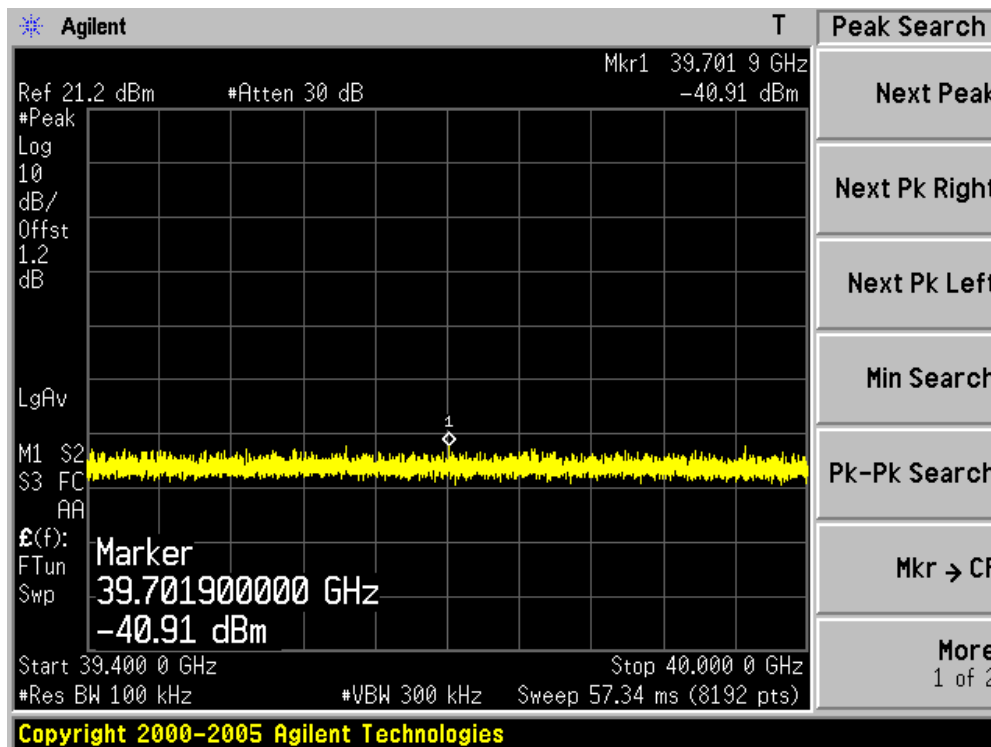
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

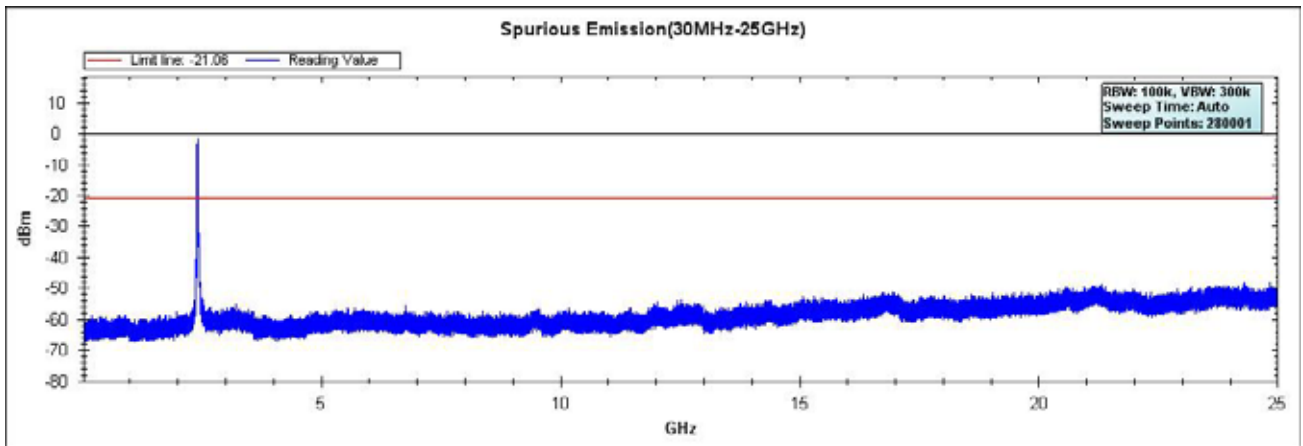


Channel 165 (5825MHz)-19

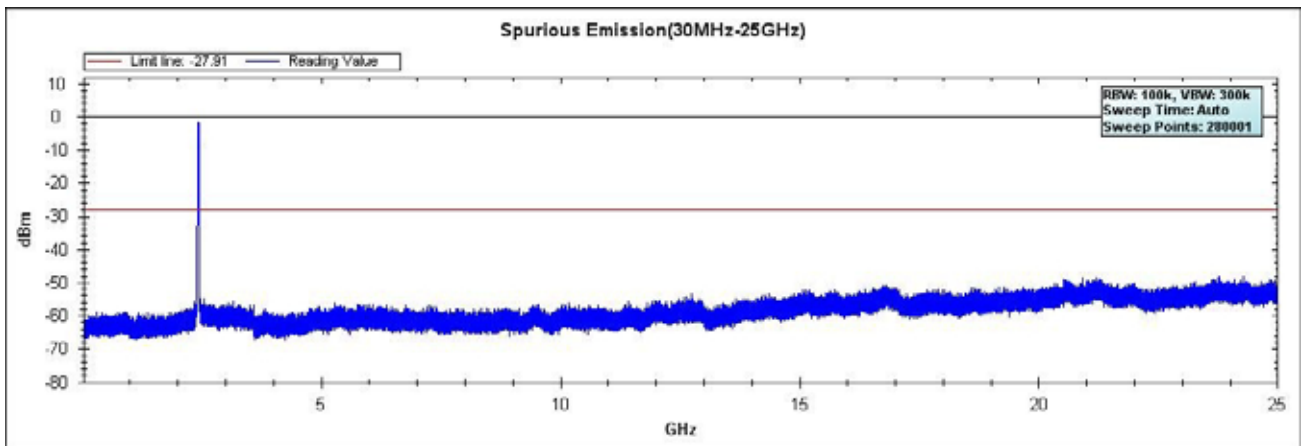


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 0)

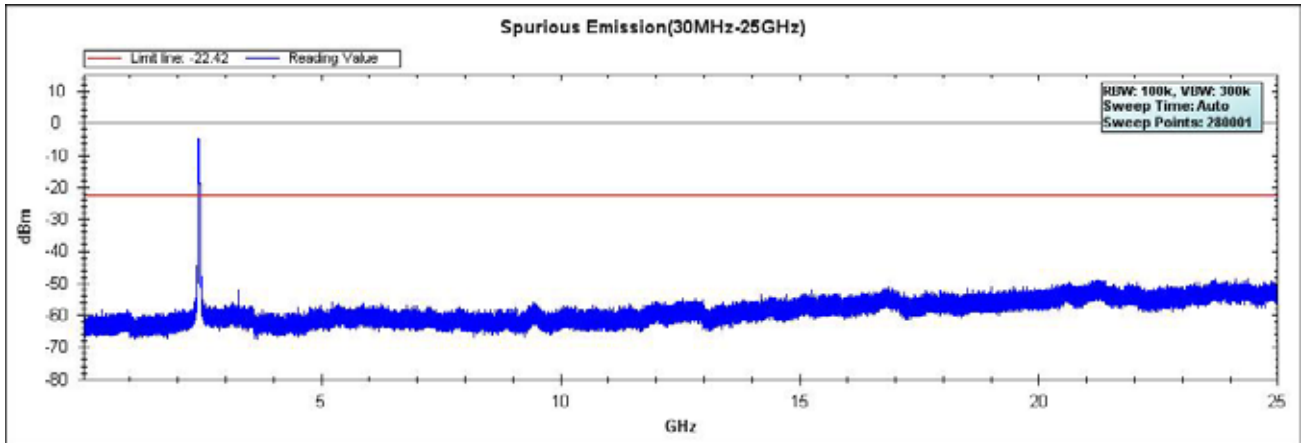
**Channel 03 (2422MHz)**



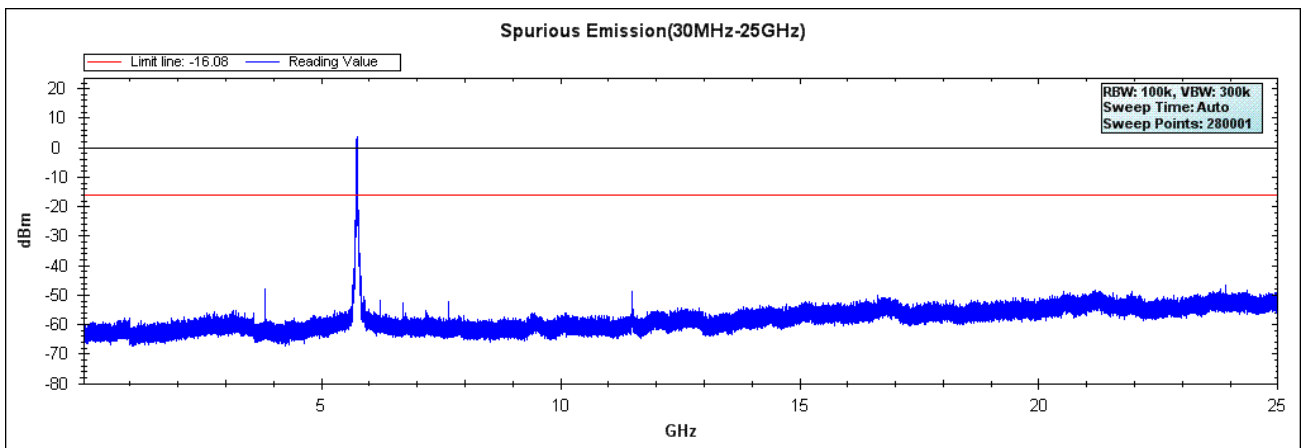
**Channel 06 (2437MHz)**



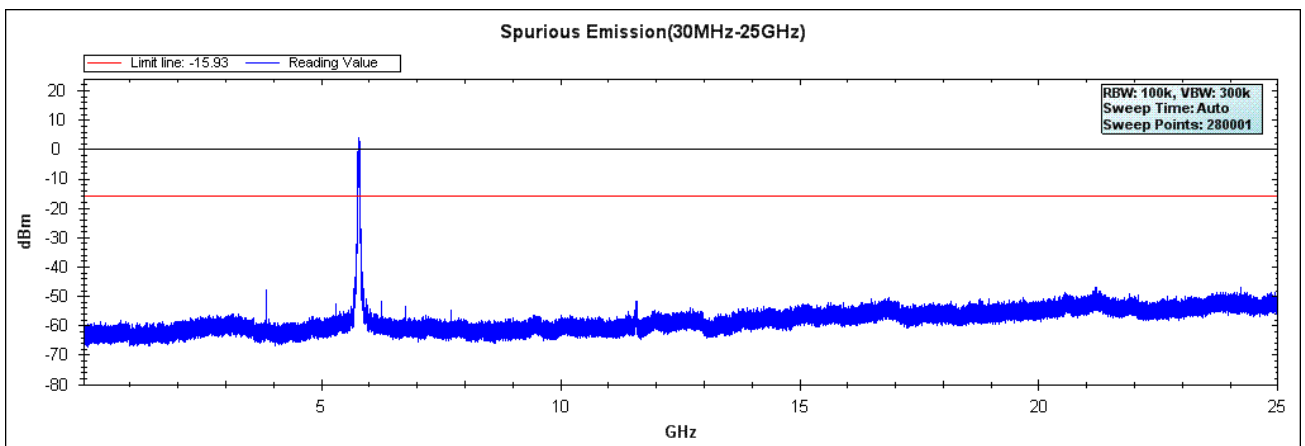
### Channel 09 (2452MHz)



### Channel 151 (5755MHz)

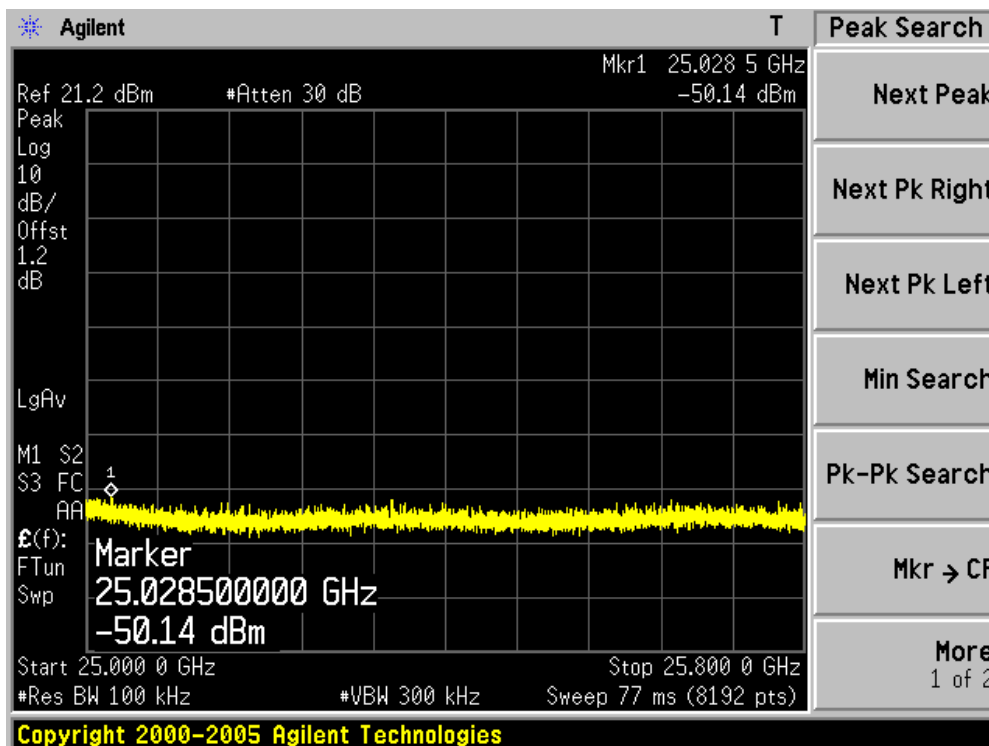


### Channel 159 (5795MHz)

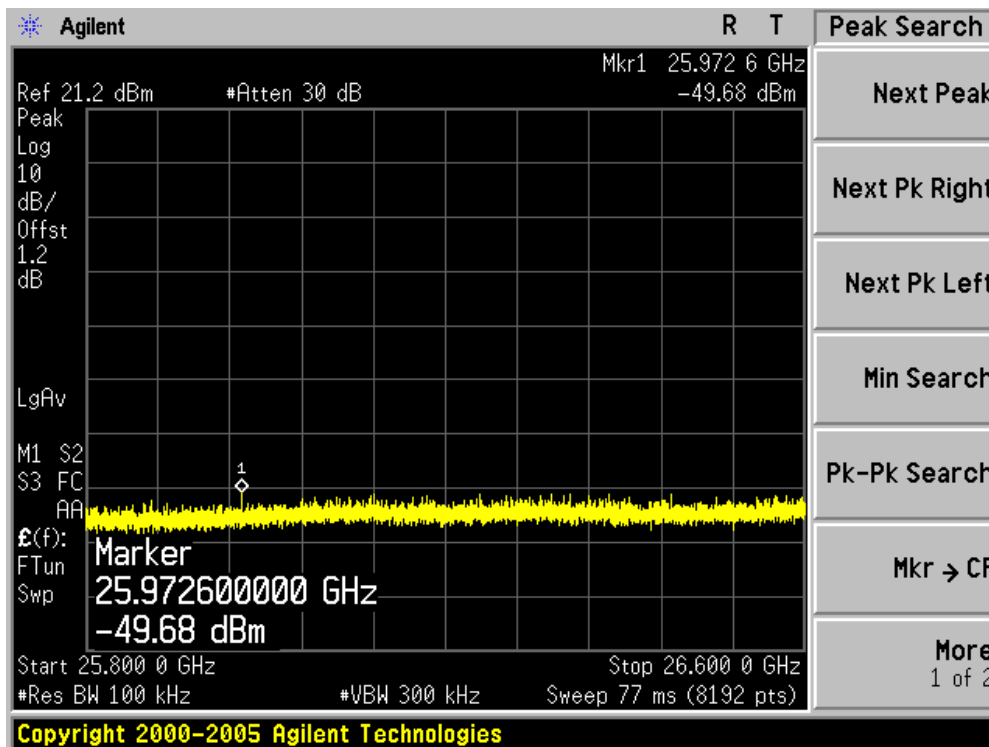




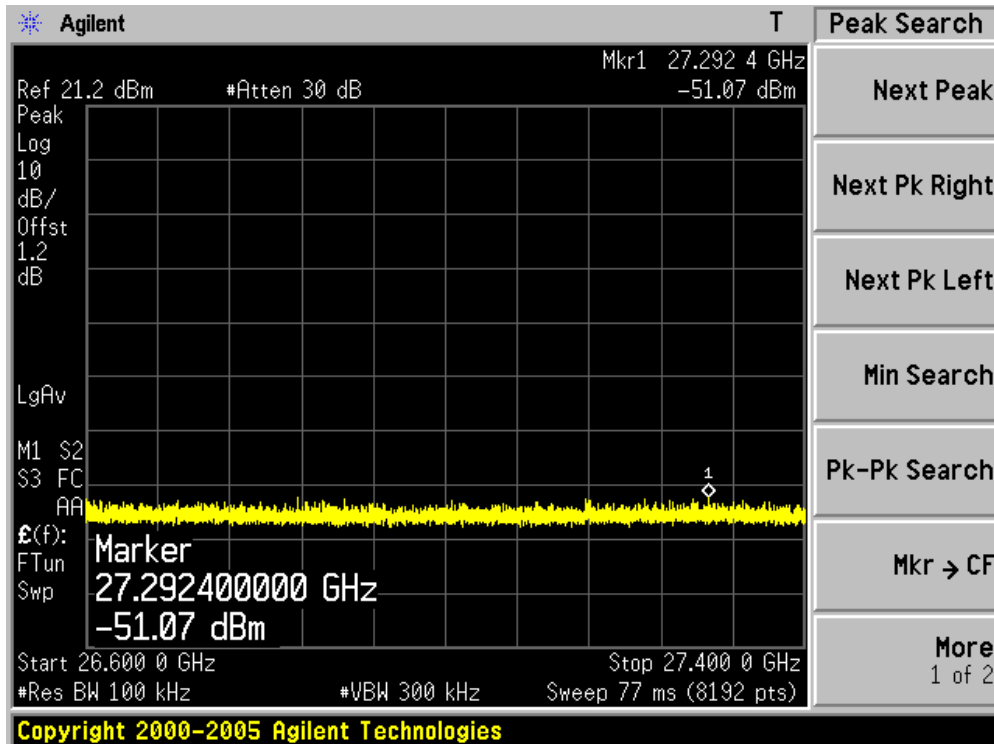
Channel 151 (5755MHz)-1



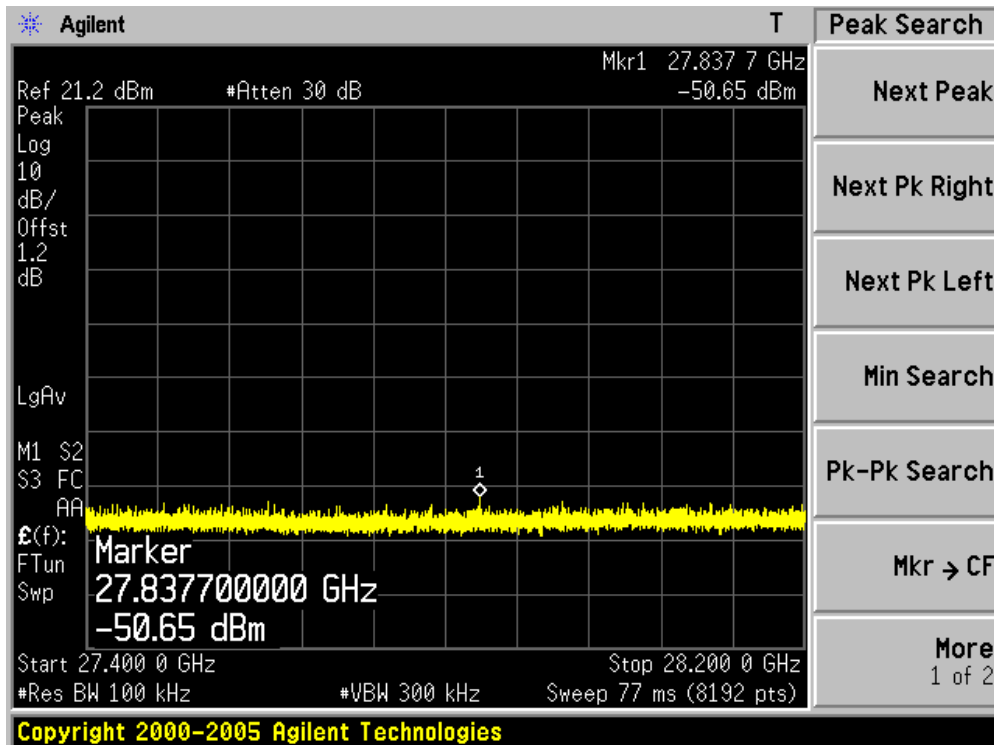
Channel 151 (5755MHz)-2



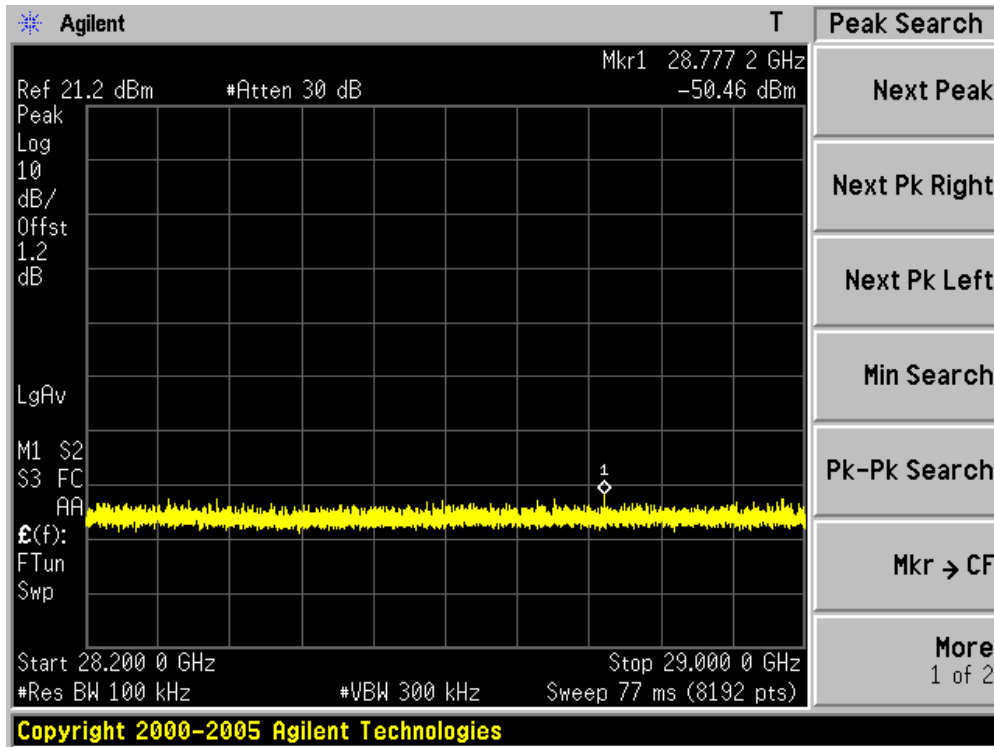
Channel 151 (5755MHz)-3



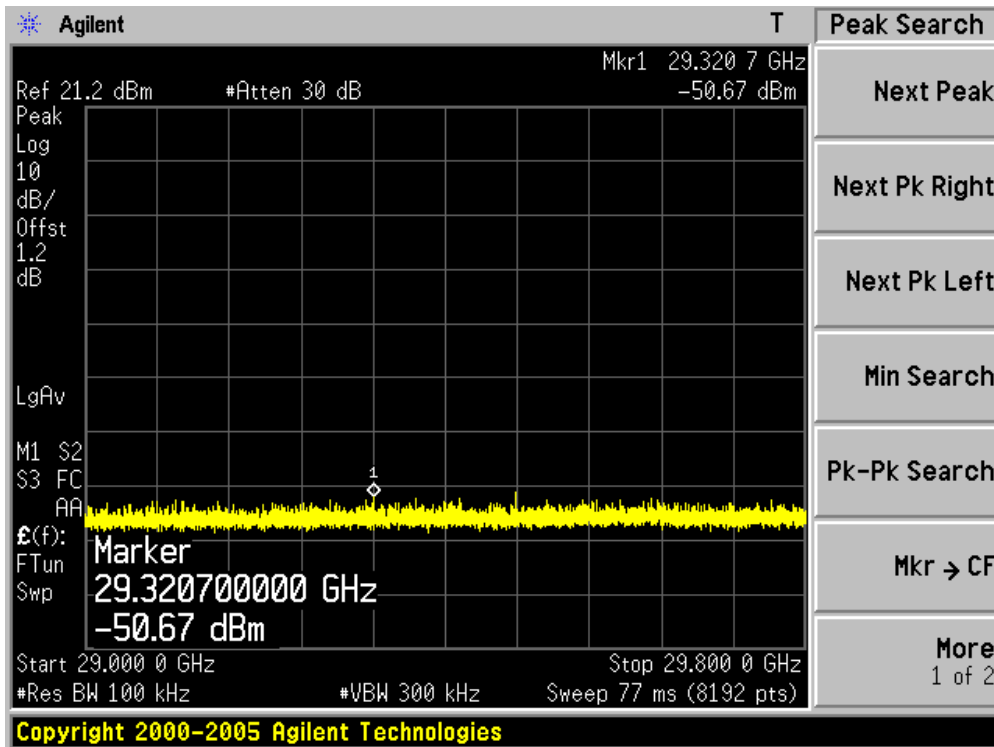
Channel 151 (5755MHz)-4



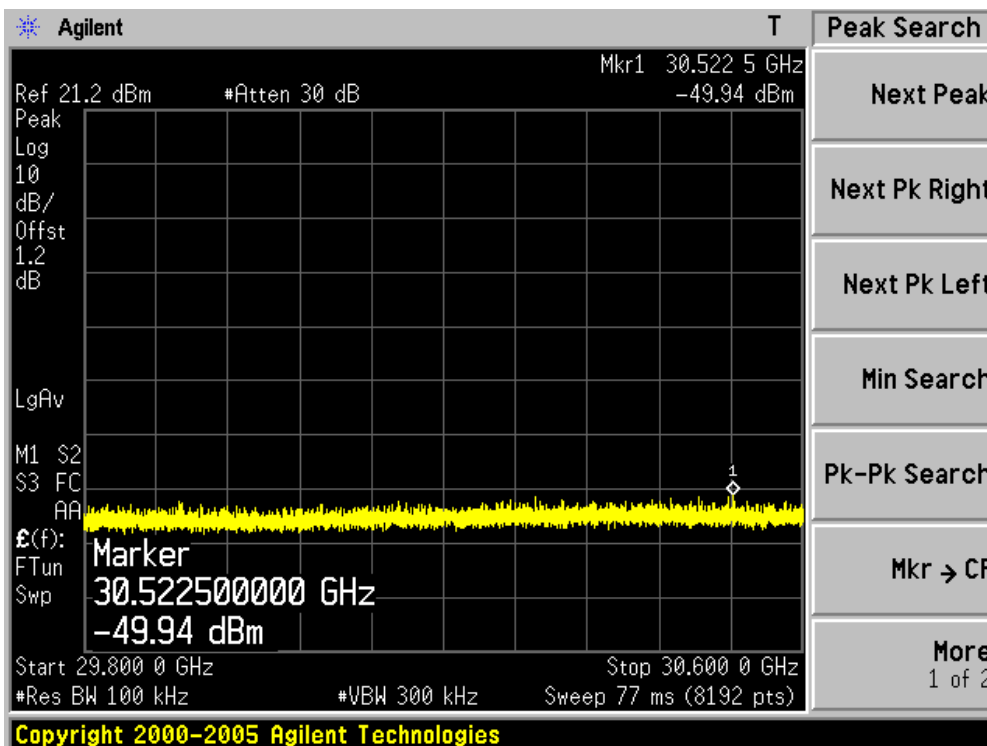
Channel 151 (5755MHz)-5



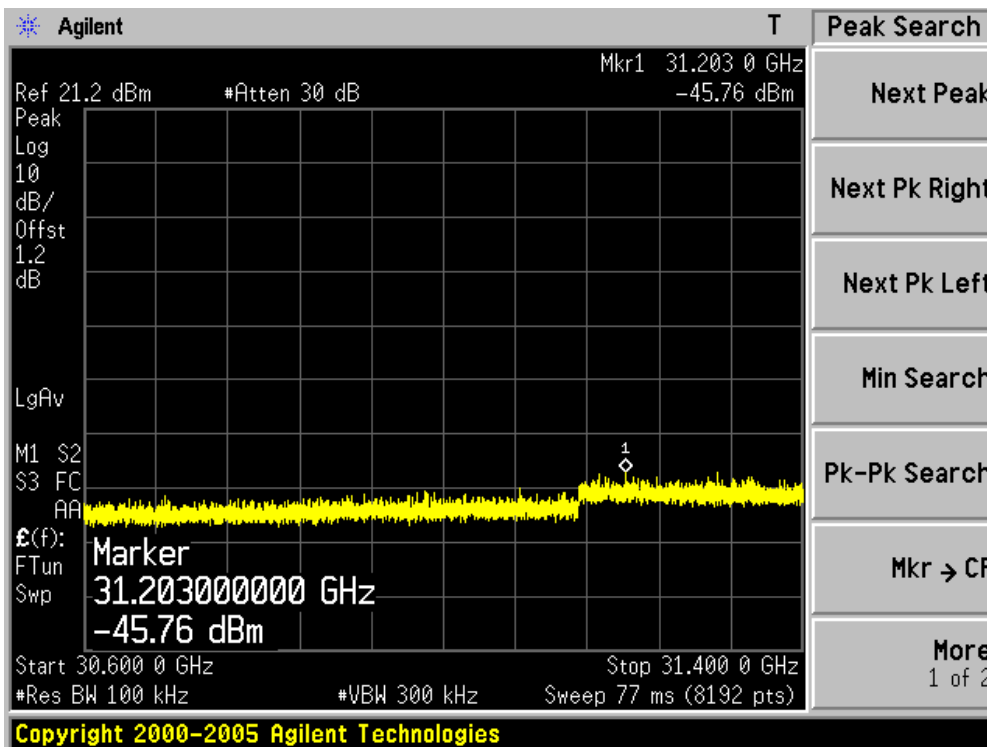
Channel 151 (5755MHz)-6



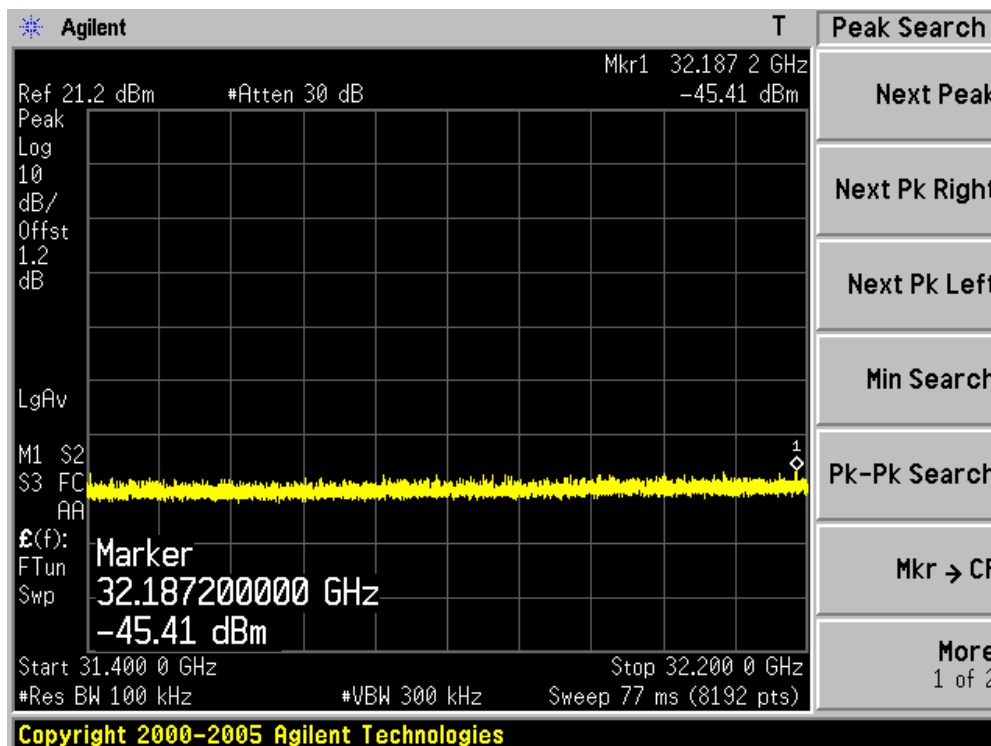
Channel 151 (5755MHz)-7



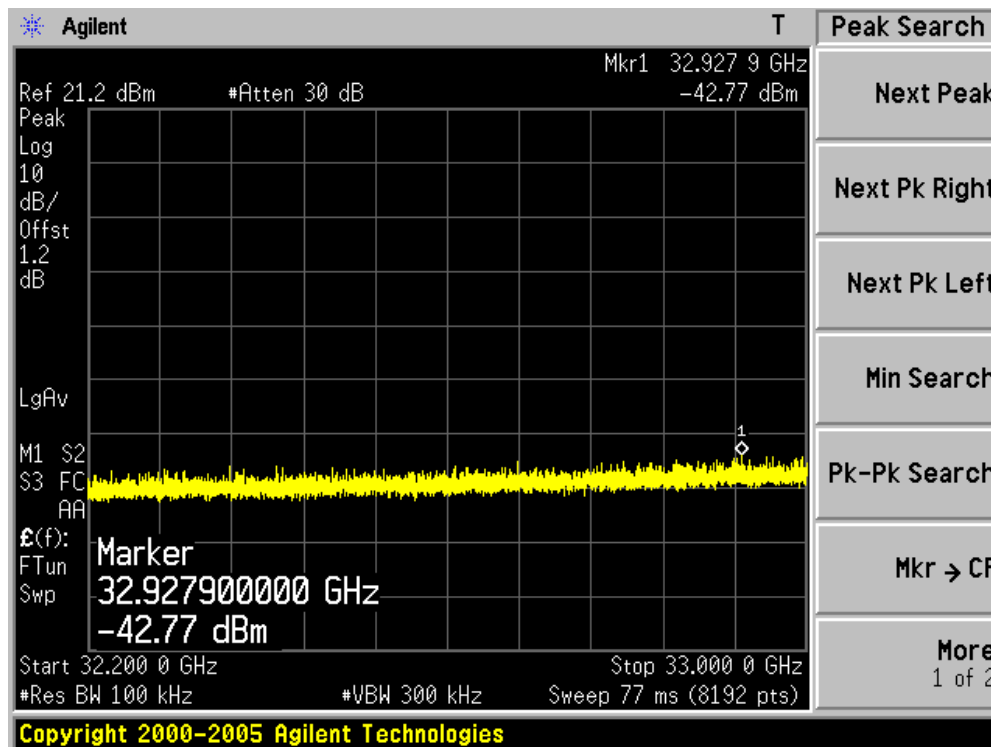
Channel 151 (5755MHz)-8



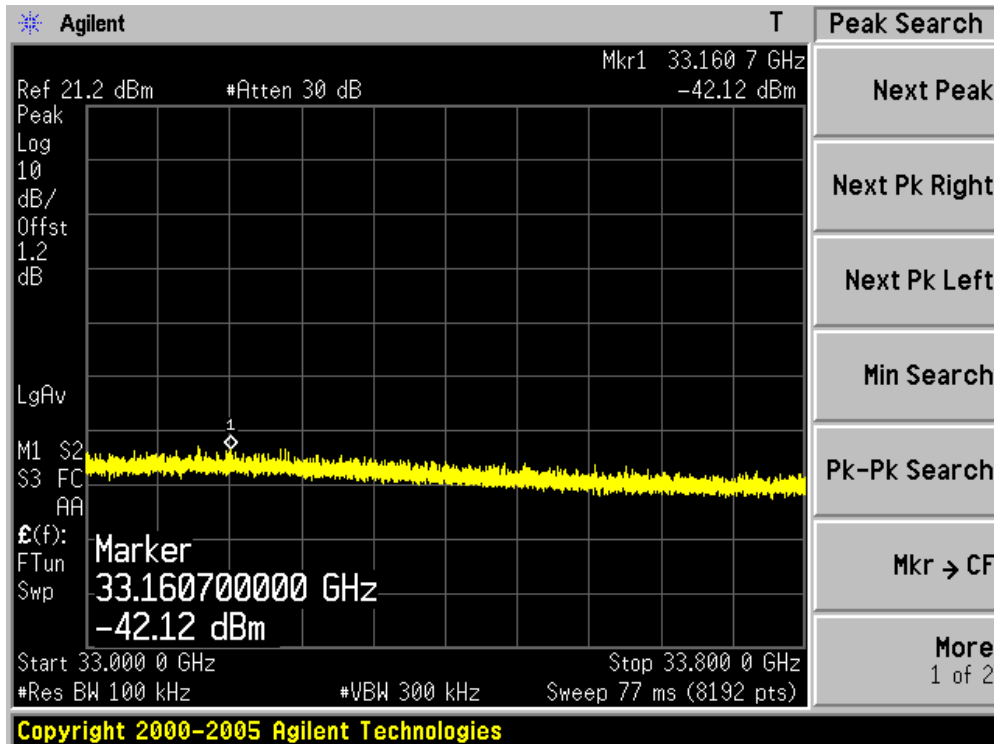
Channel 151 (5755MHz)-9



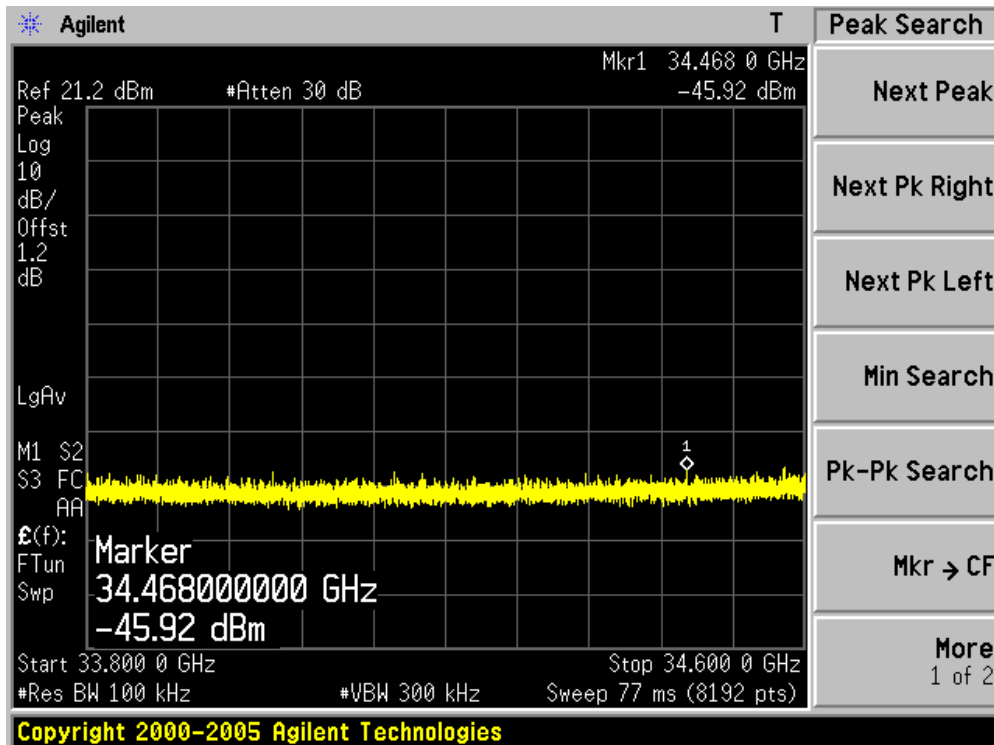
Channel 151 (5755MHz)-10



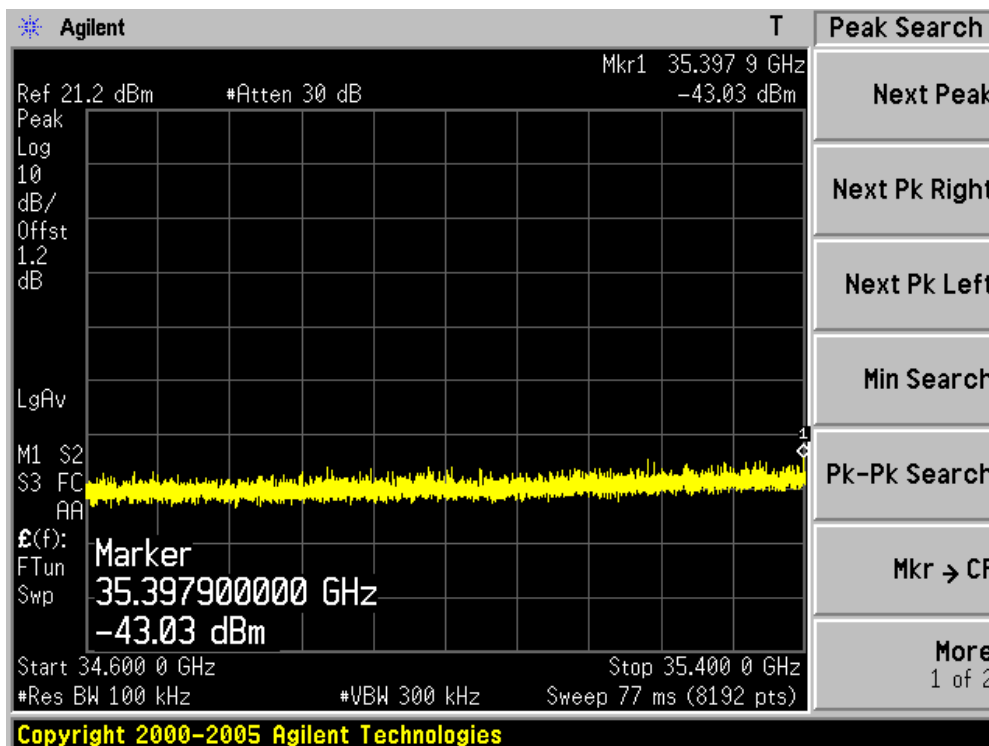
Channel 151 (5755MHz)-11



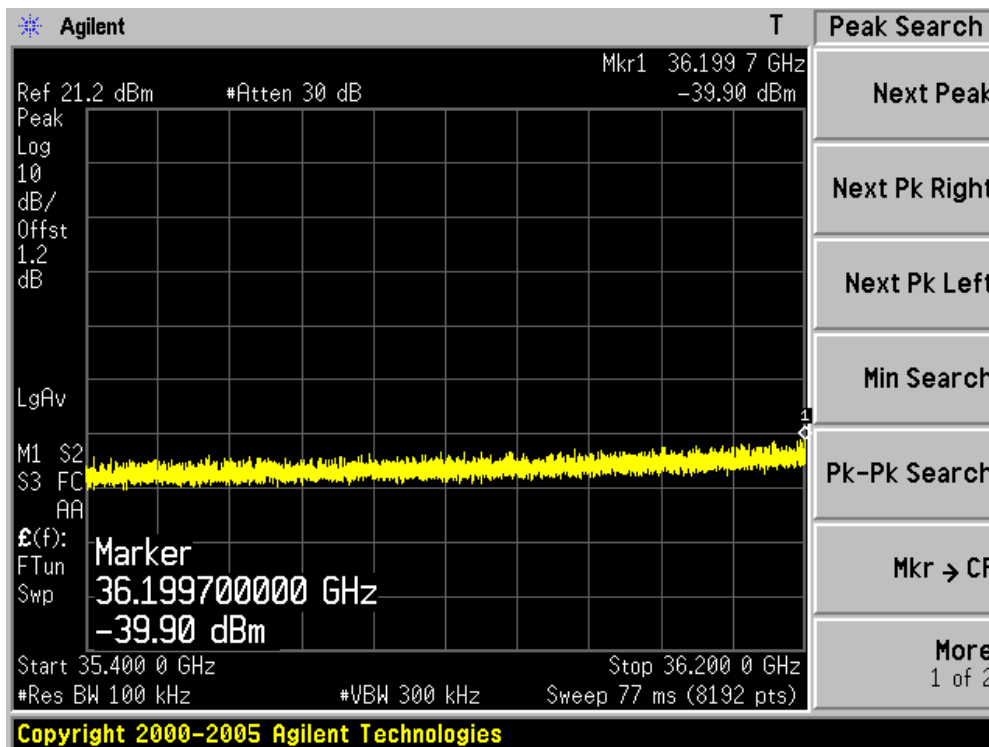
Channel 151 (5755MHz)-12



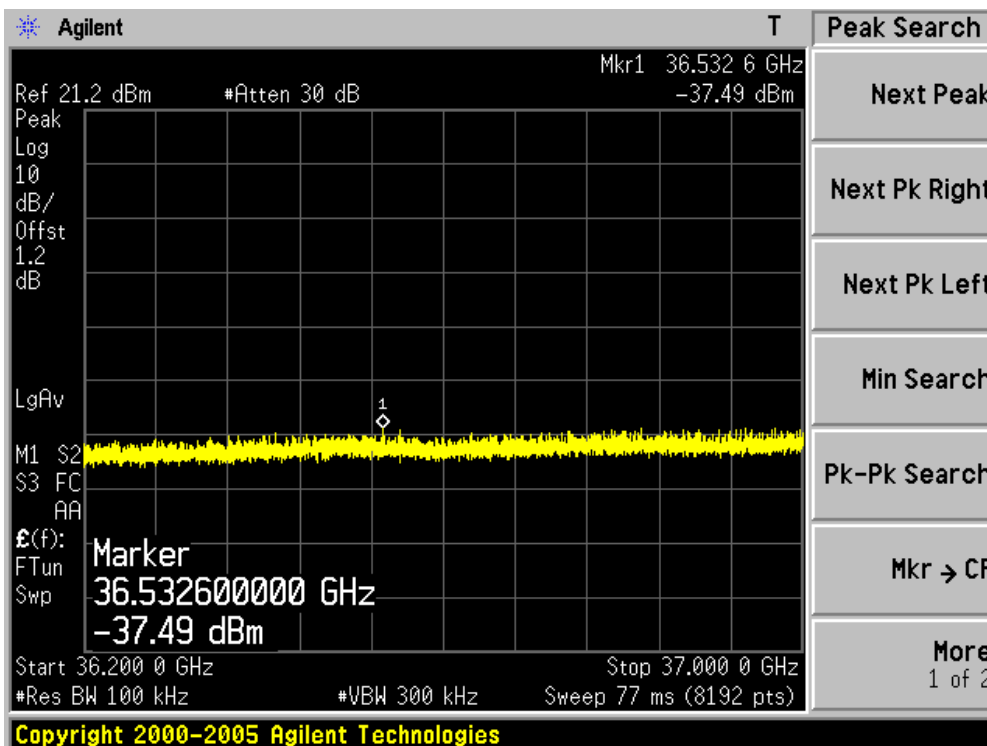
Channel 151 (5755MHz)-13



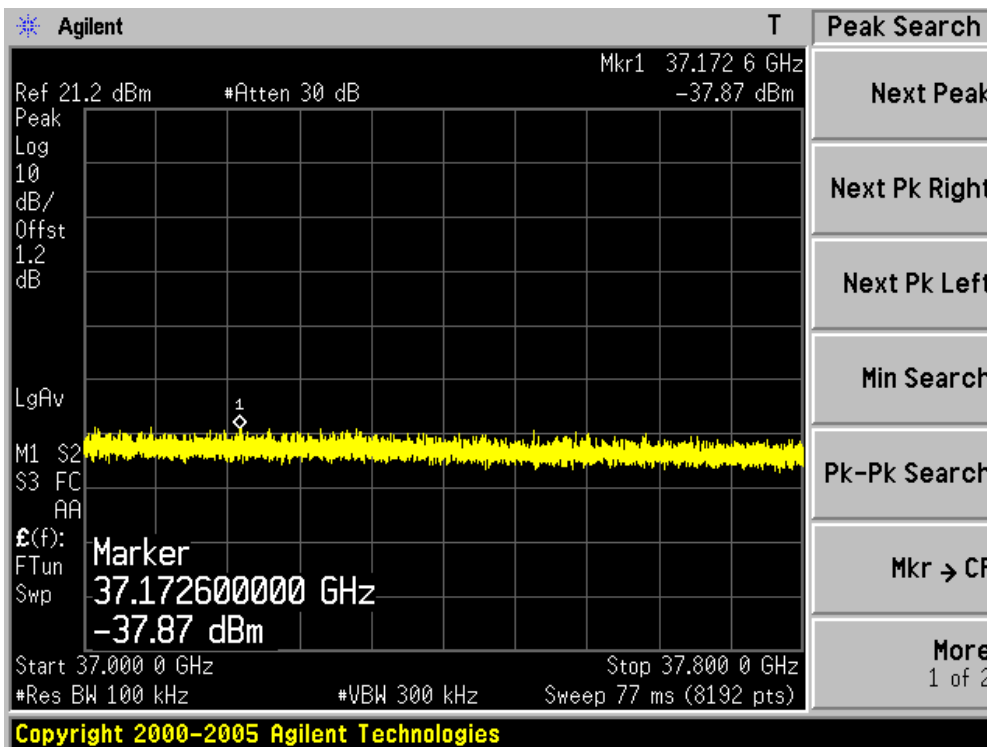
Channel 151 (5755MHz)-14



Channel 151 (5755MHz)-15

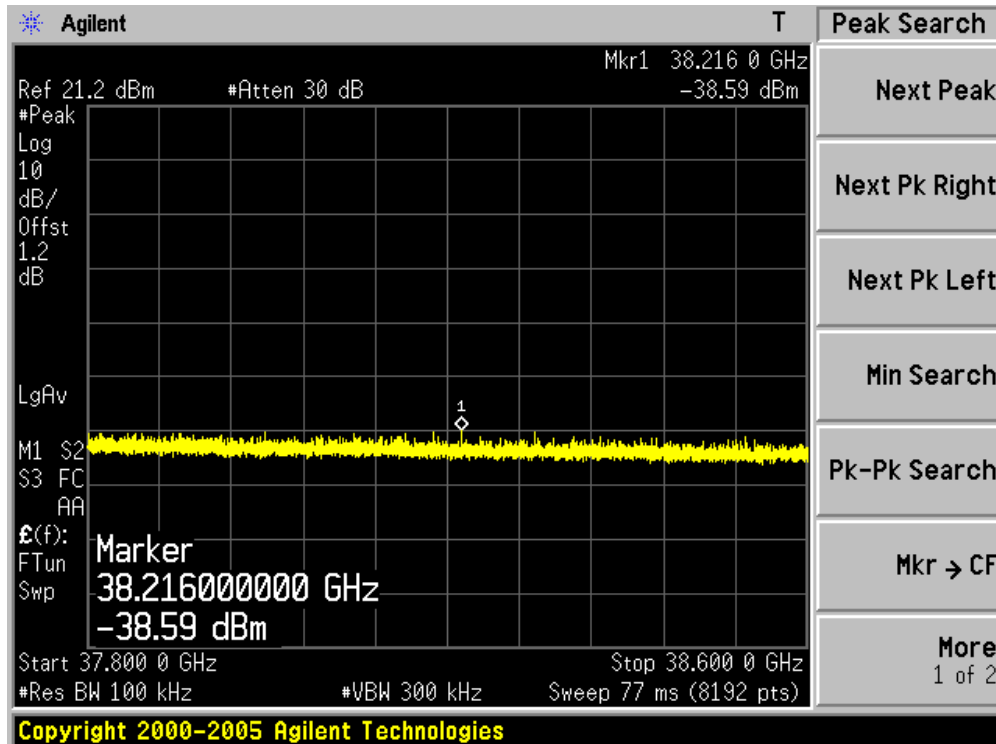


Channel 151 (5755MHz)-16

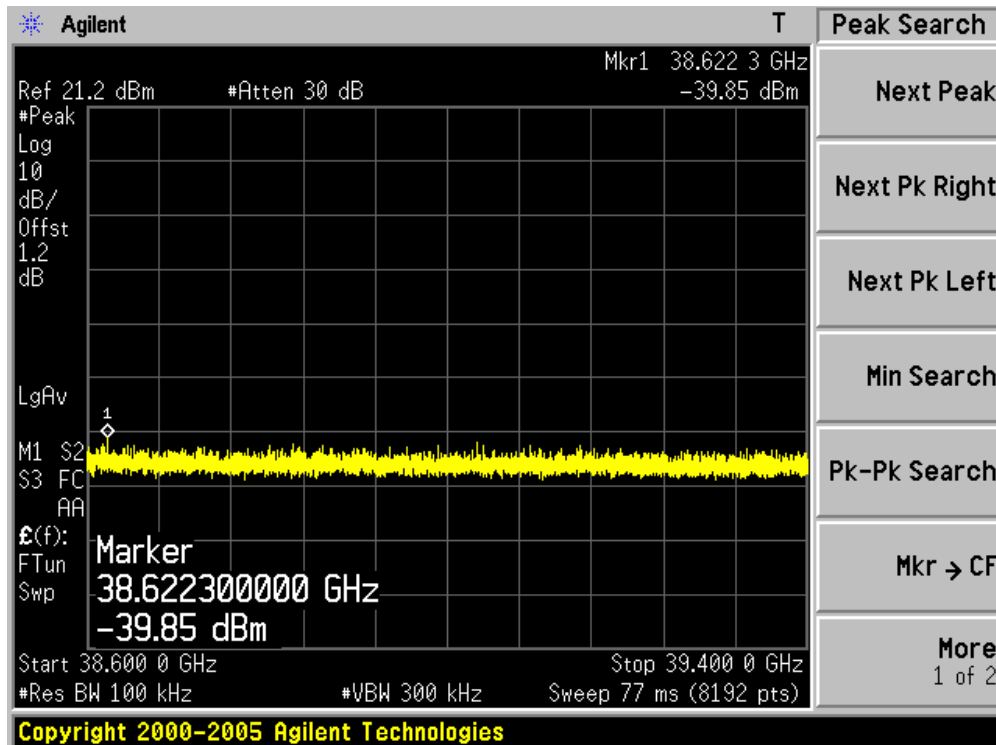




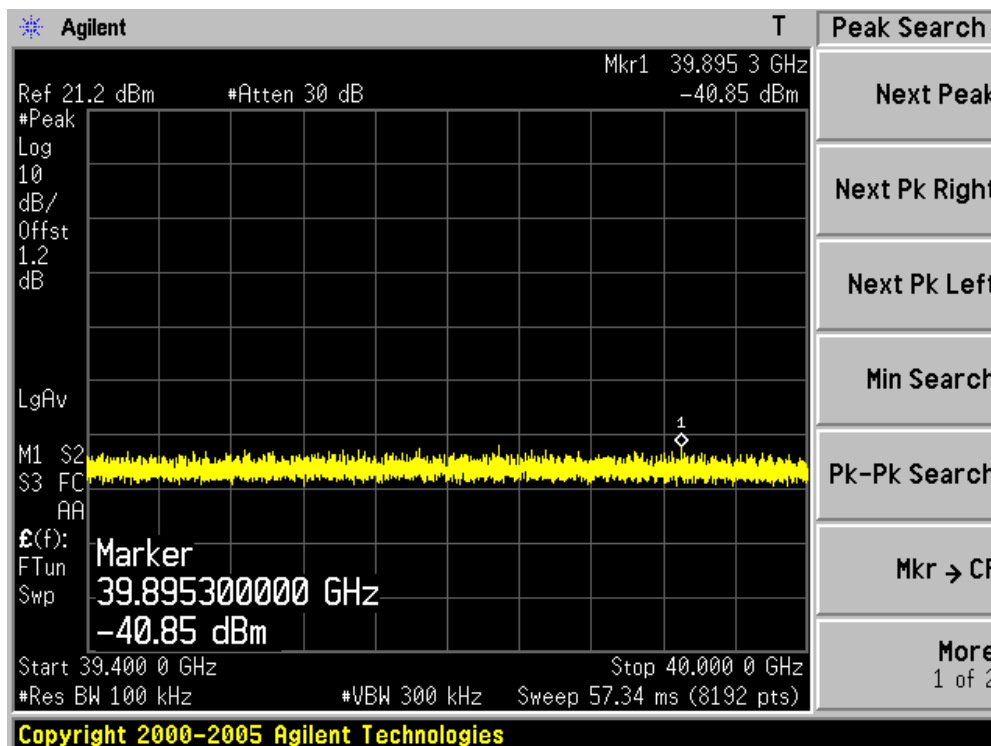
Channel 151 (5755MHz)-17



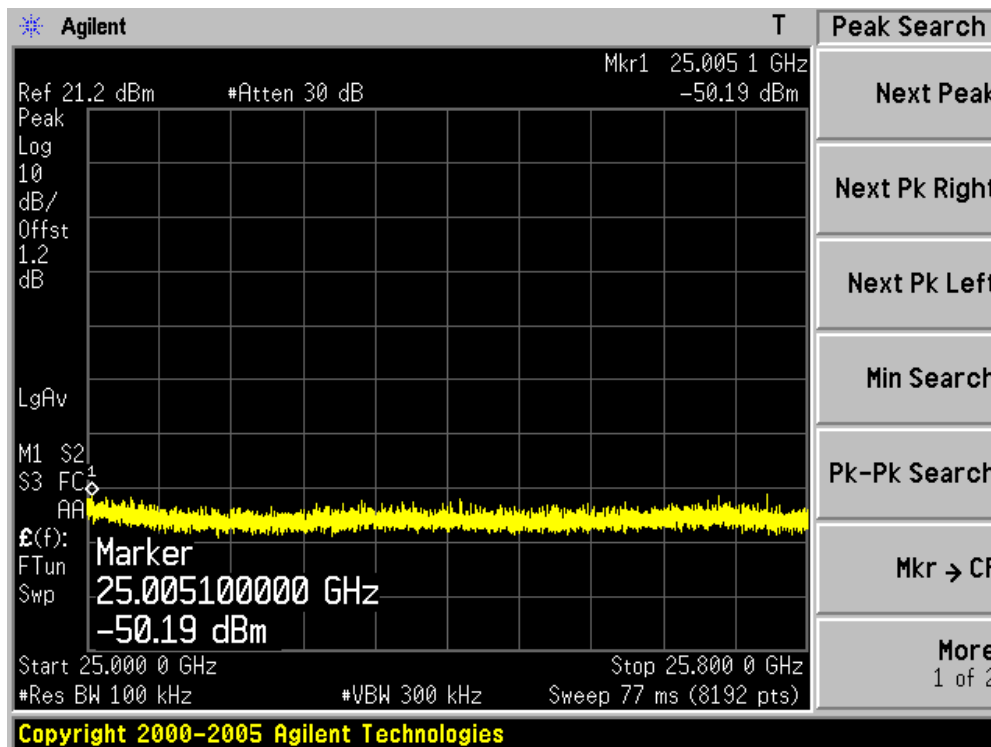
Channel 151 (5755MHz)-18



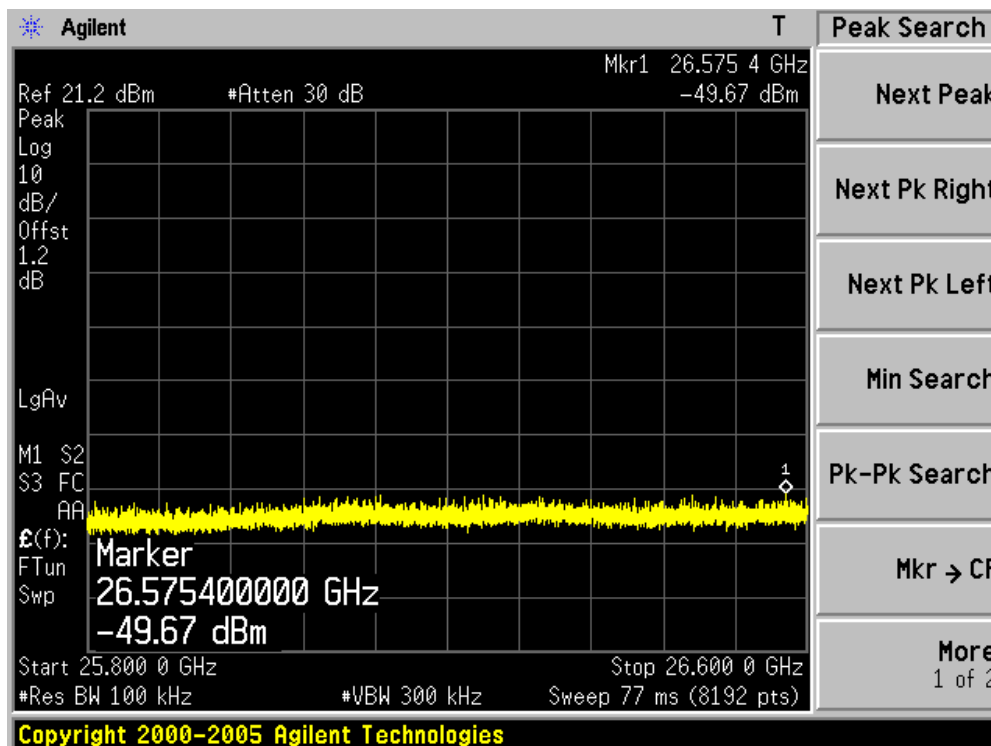
Channel 151 (5755MHz)-19



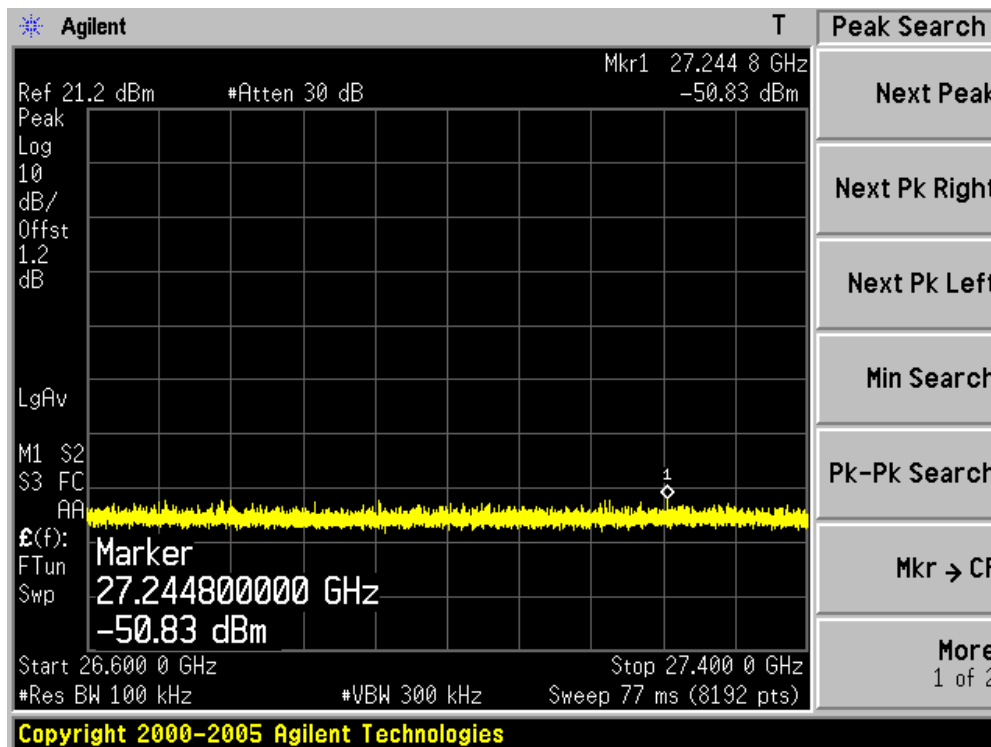
Channel 159 (5795MHz)-1



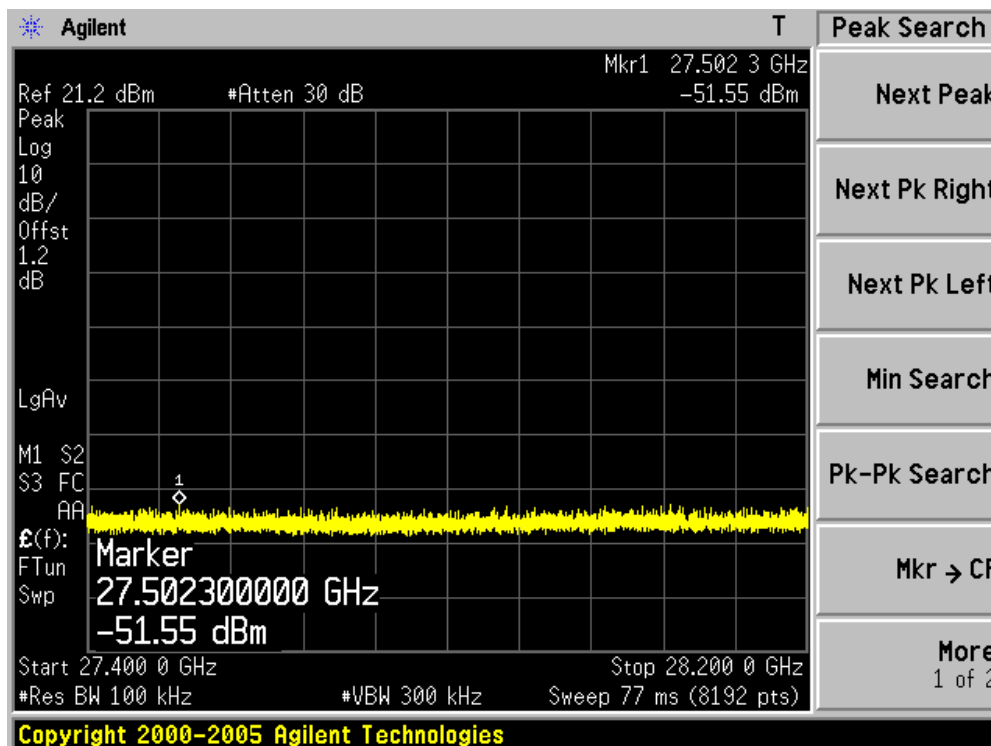
Channel 159 (5795MHz)-2



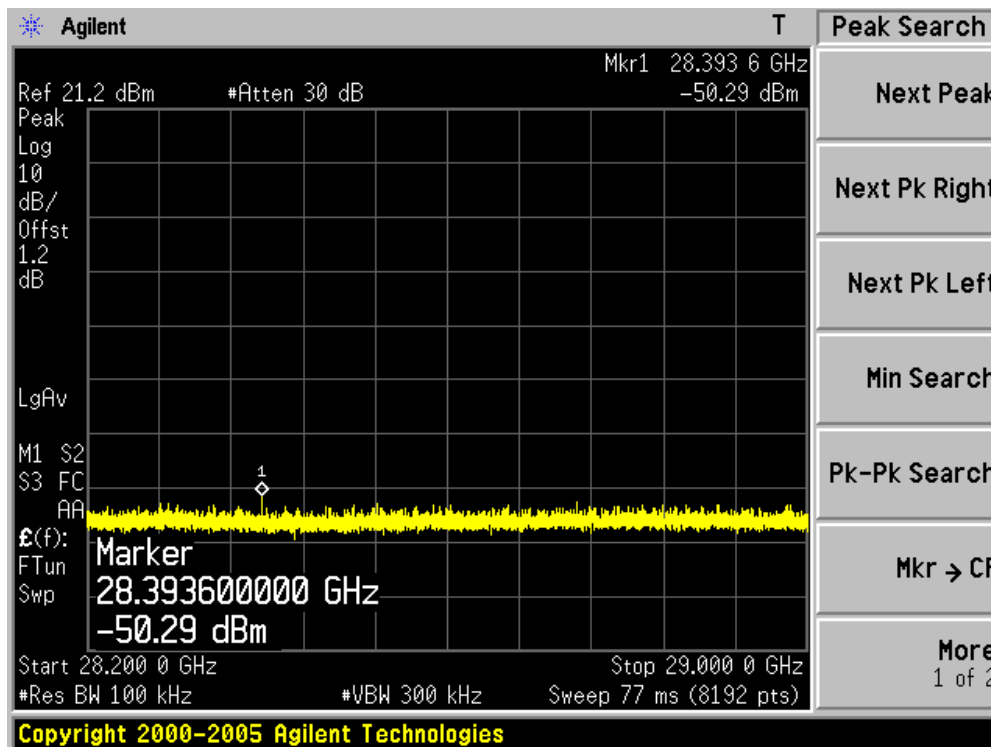
Channel 159 (5795MHz)-3



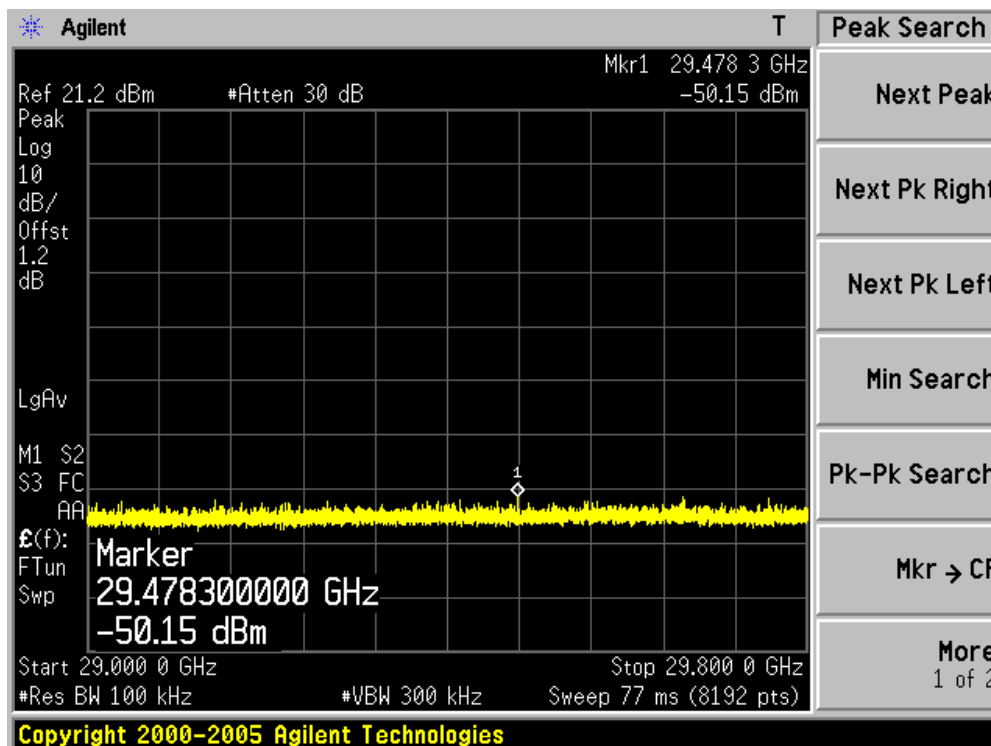
Channel 159 (5795MHz)-4



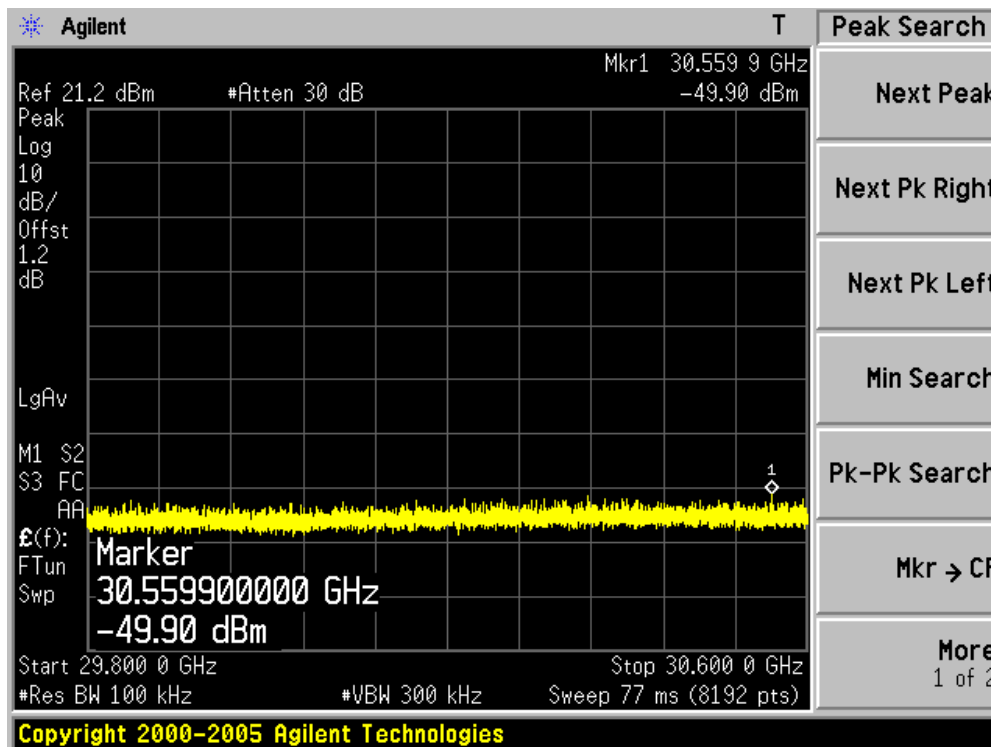
Channel 159 (5795MHz)-5



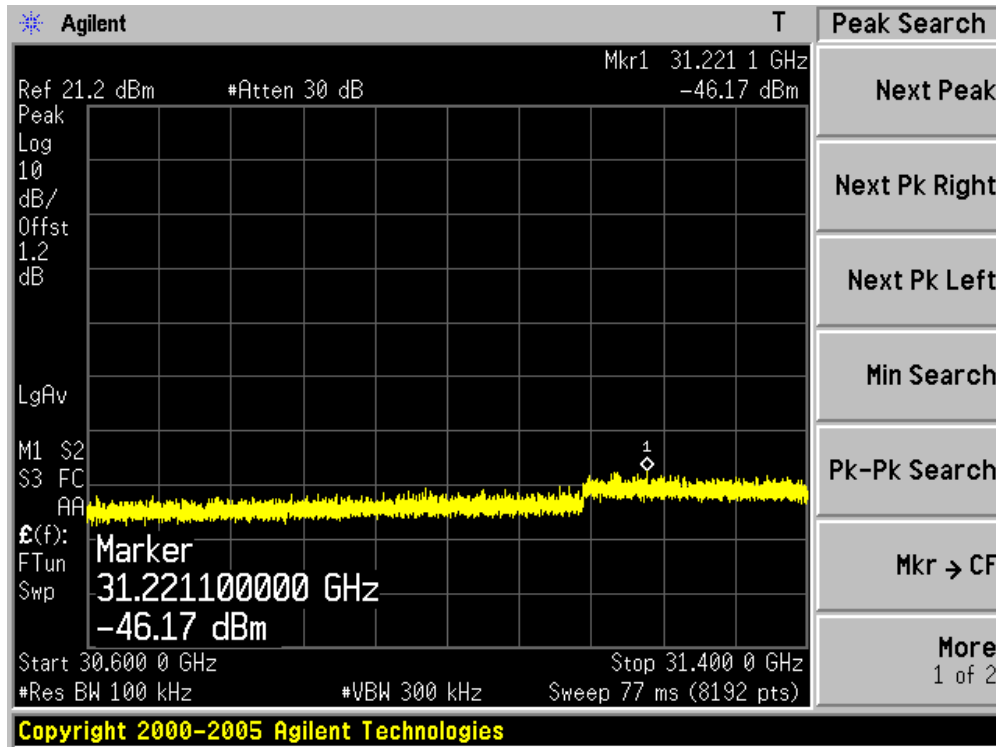
Channel 159 (5795MHz)-6



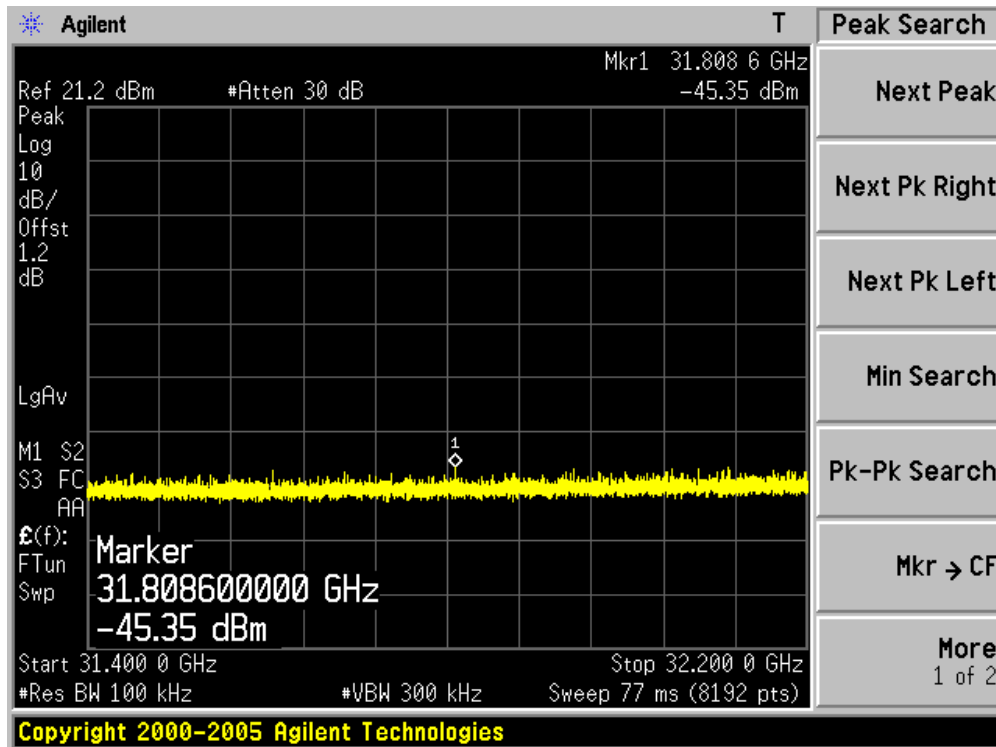
Channel 159 (5795MHz)-7



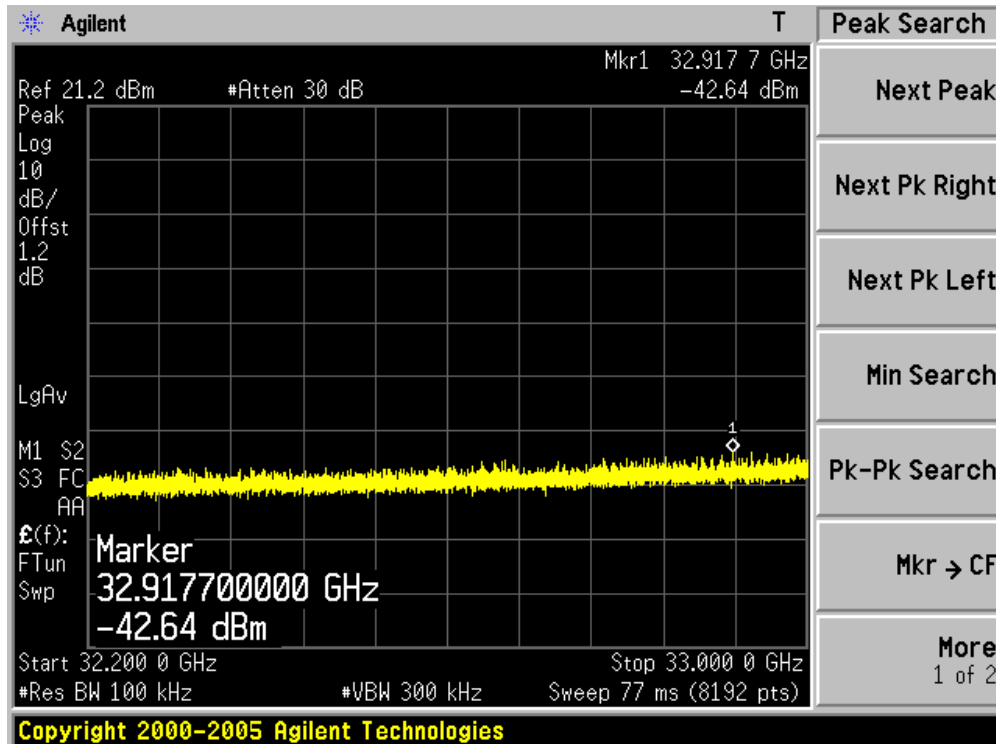
Channel 159 (5795MHz)-8



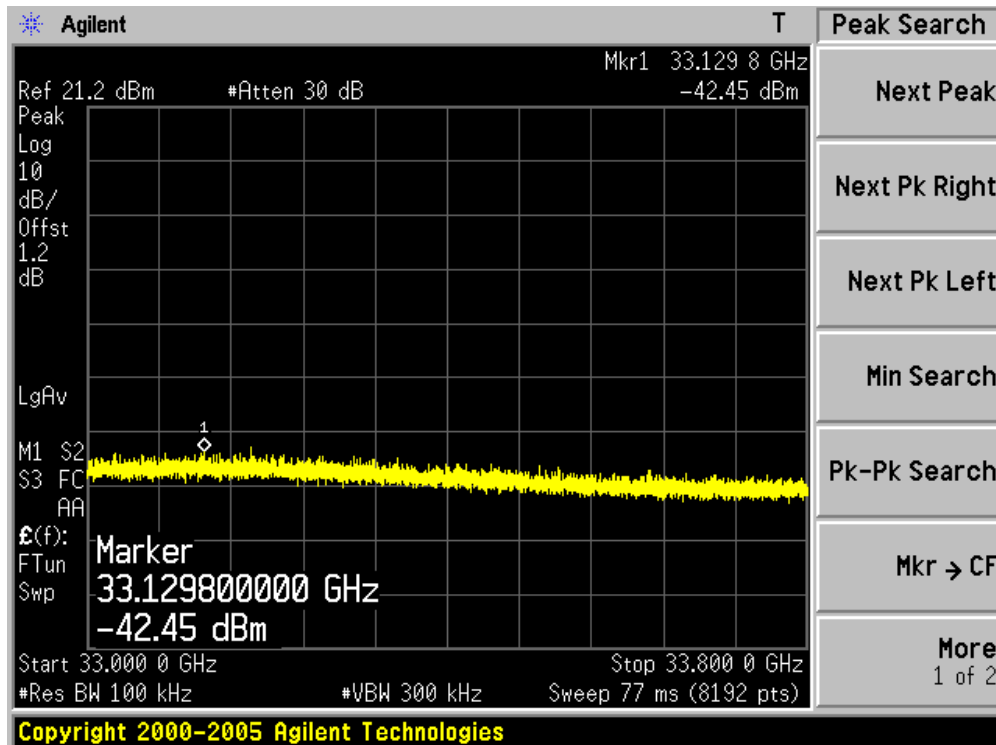
Channel 159 (5795MHz)-9



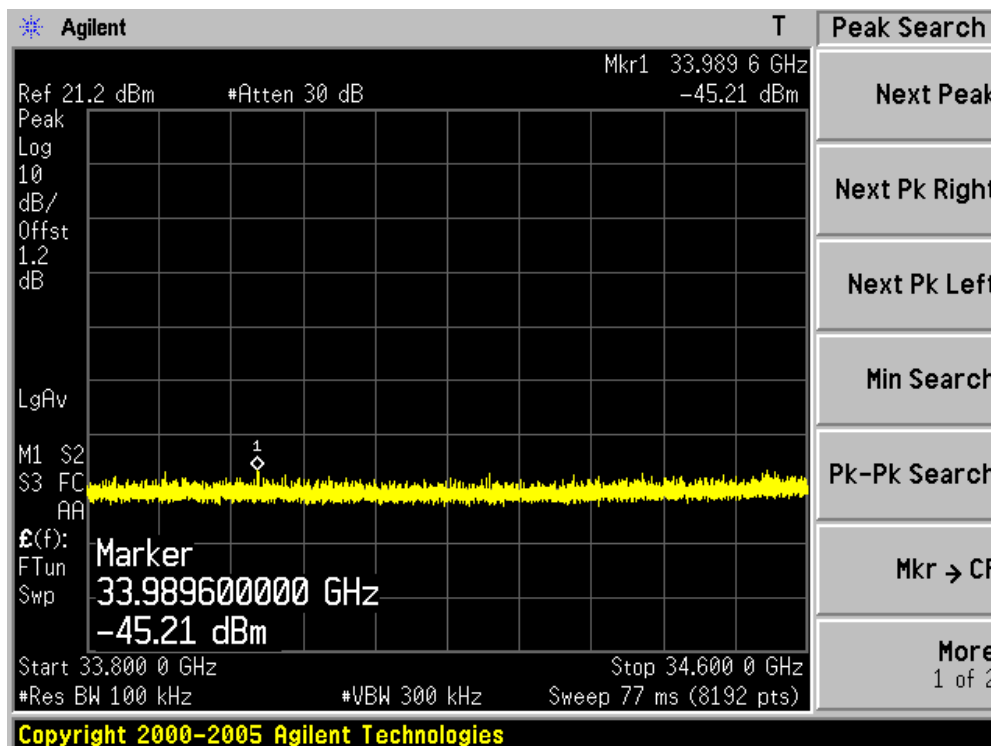
Channel 159 (5795MHz)-10



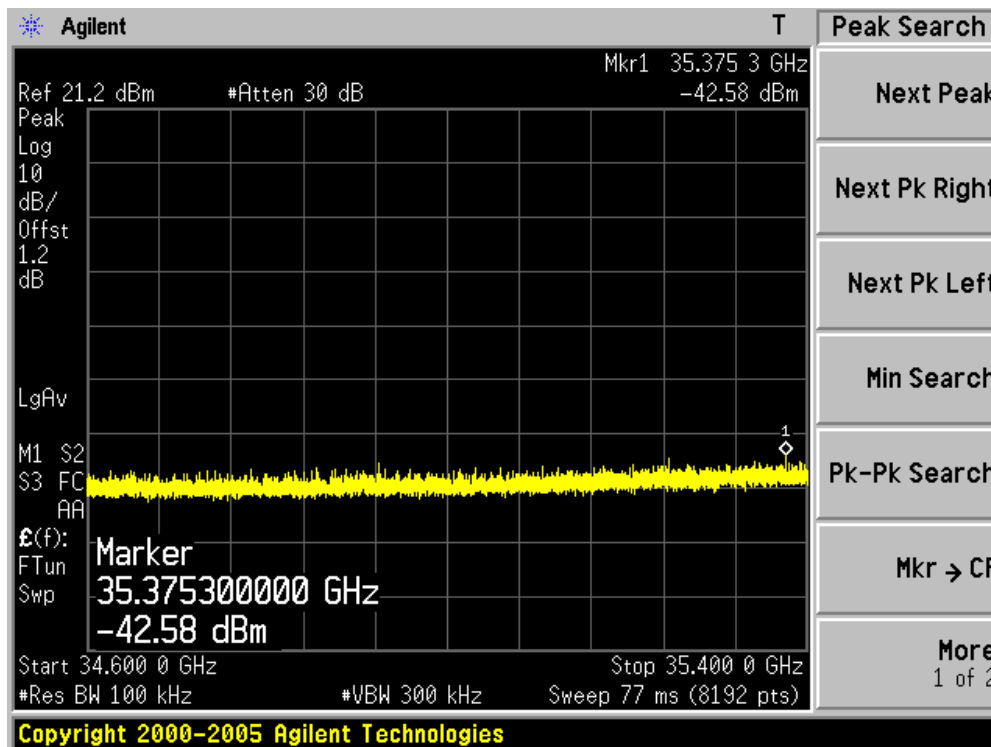
Channel 159 (5795MHz)-11



Channel 159 (5795MHz)-12

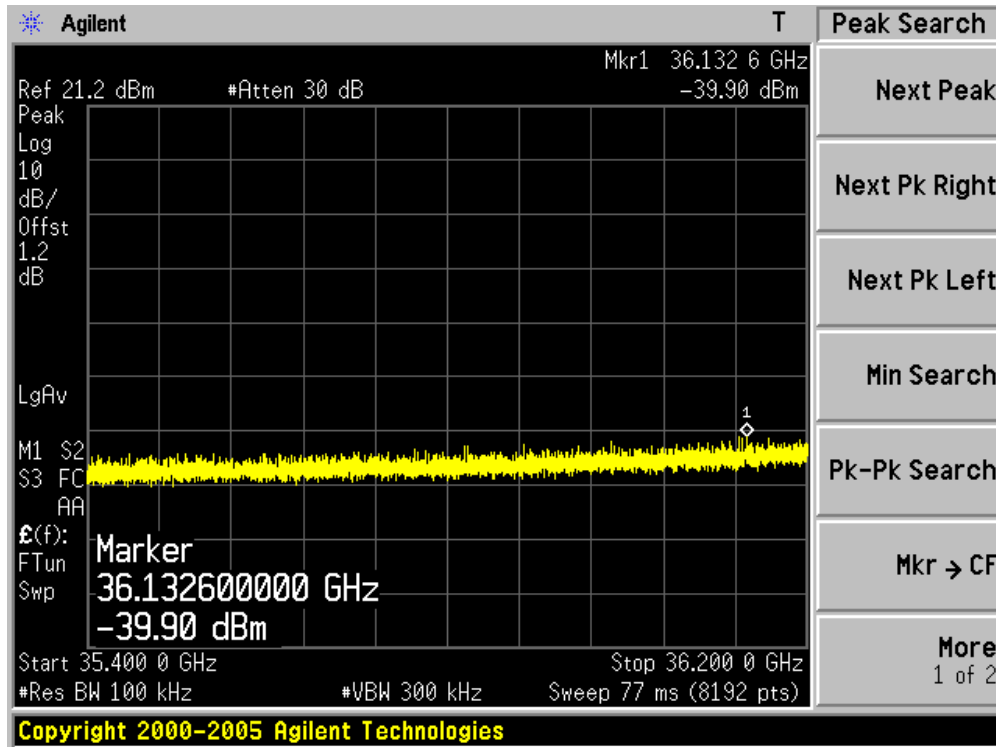


Channel 159 (5795MHz)-13

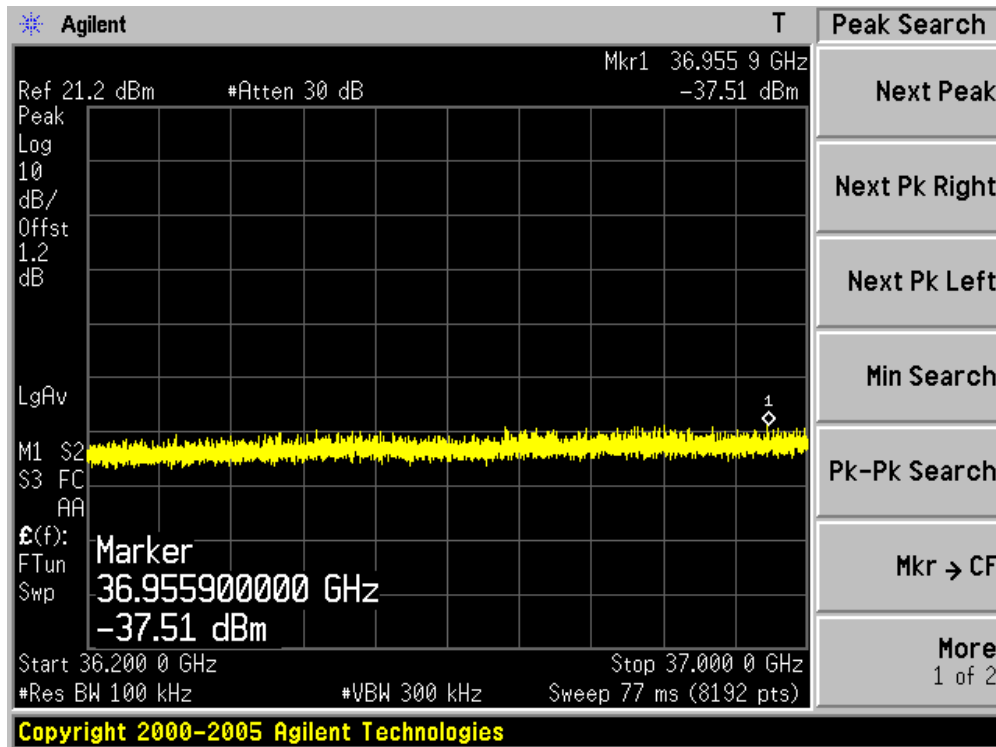




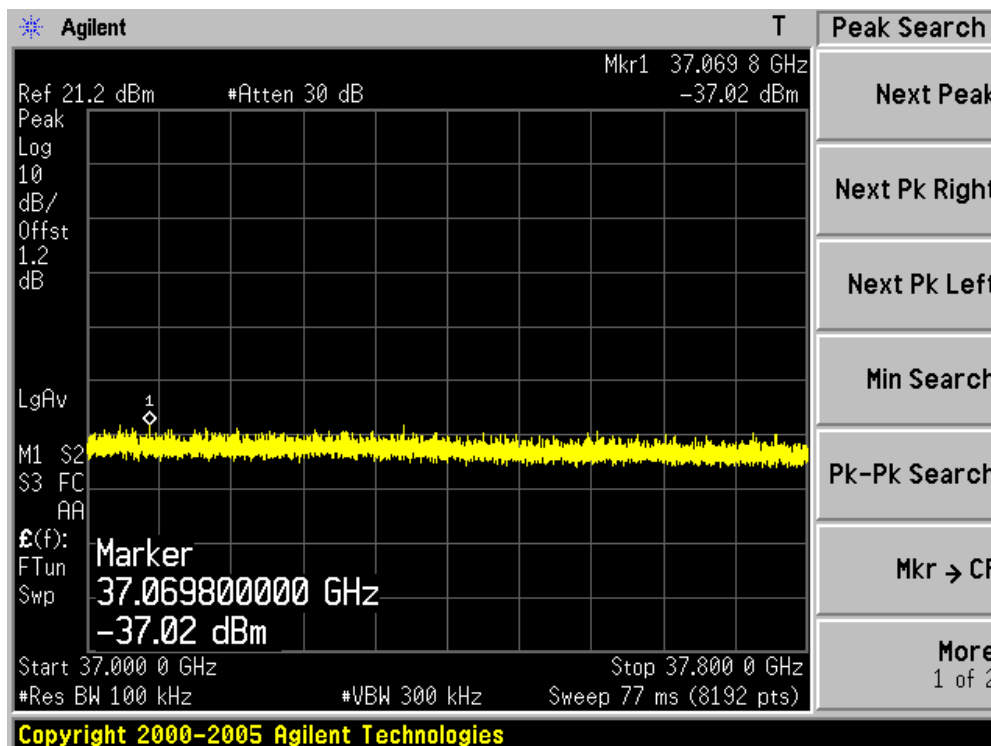
Channel 159 (5795MHz)-14



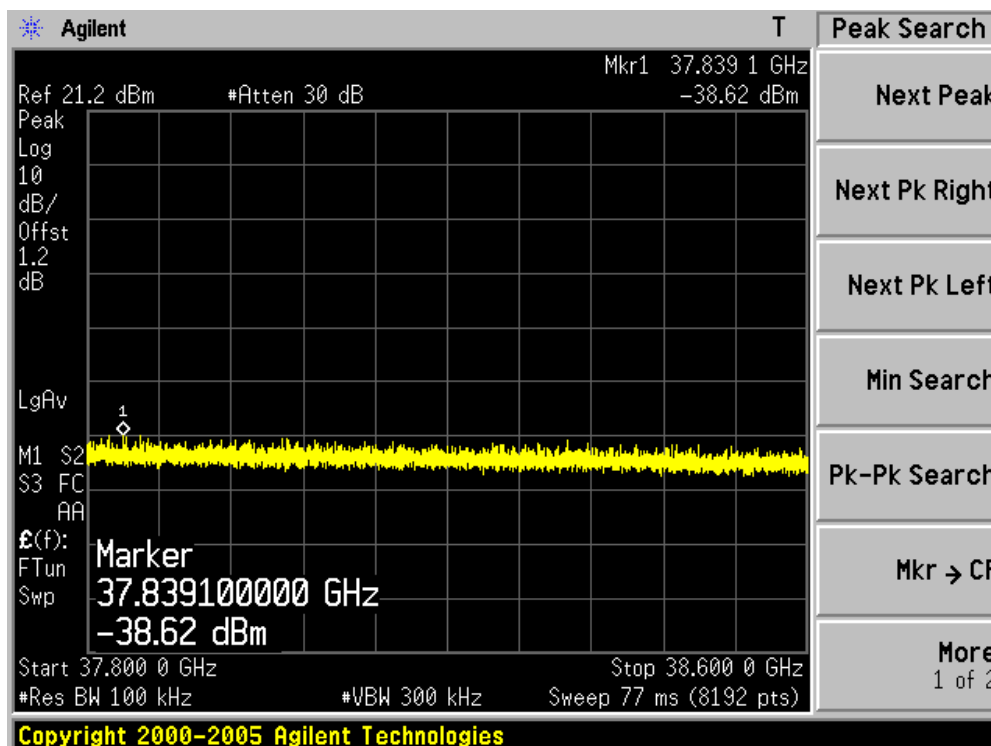
Channel 159 (5795MHz)-15



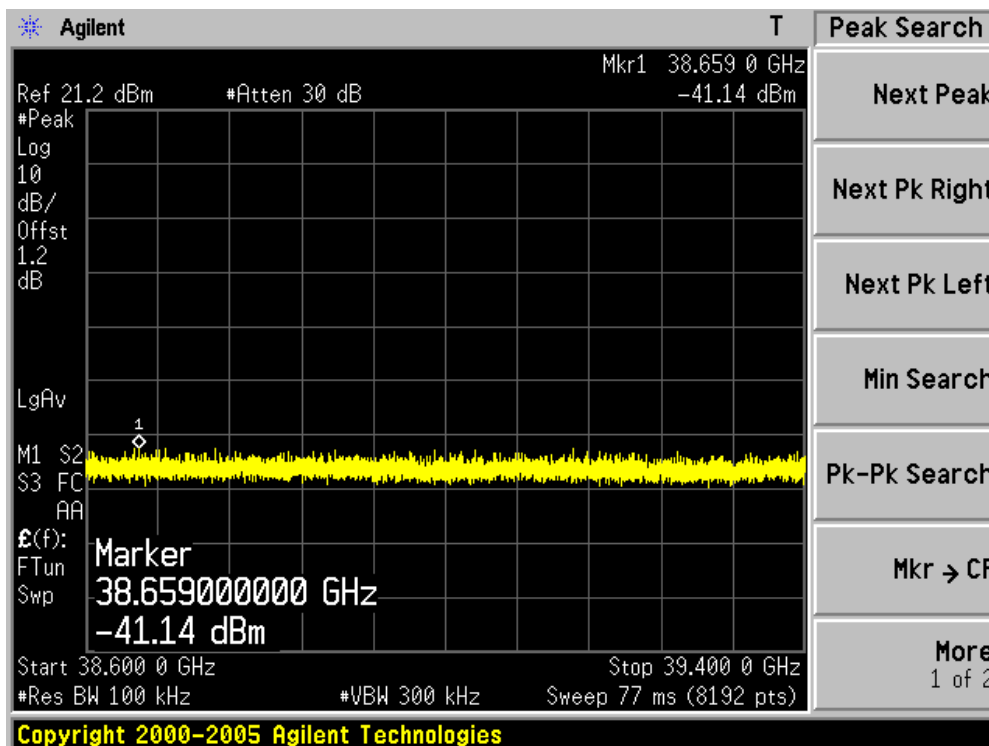
Channel 159 (5795MHz)-16



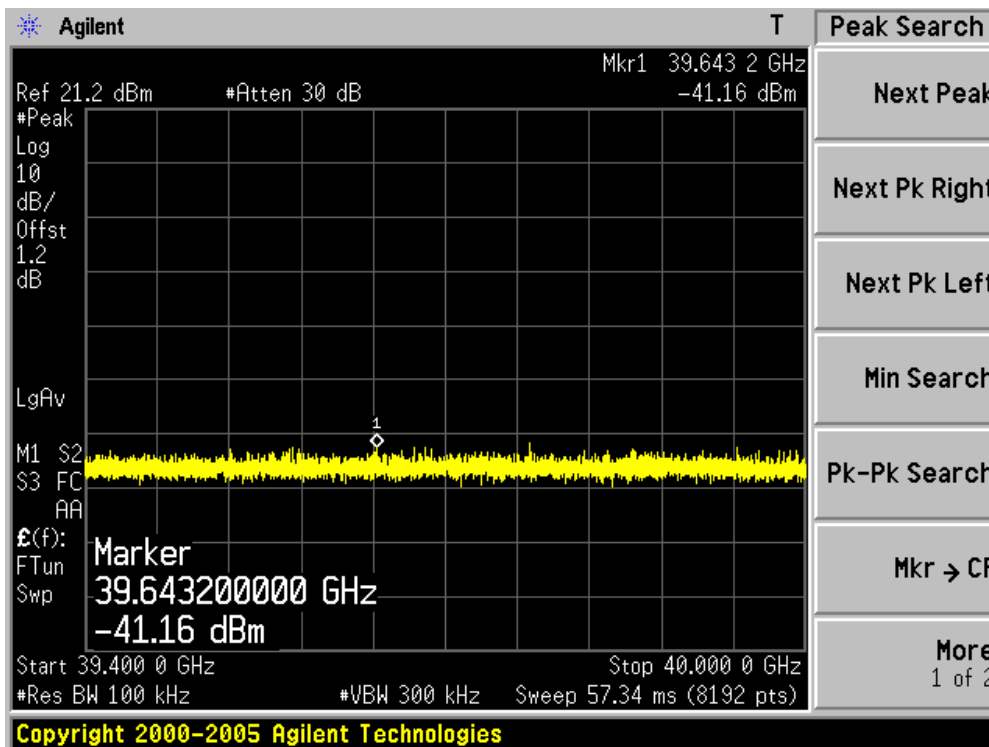
Channel 159 (5795MHz)-17



Channel 159 (5795MHz)-18

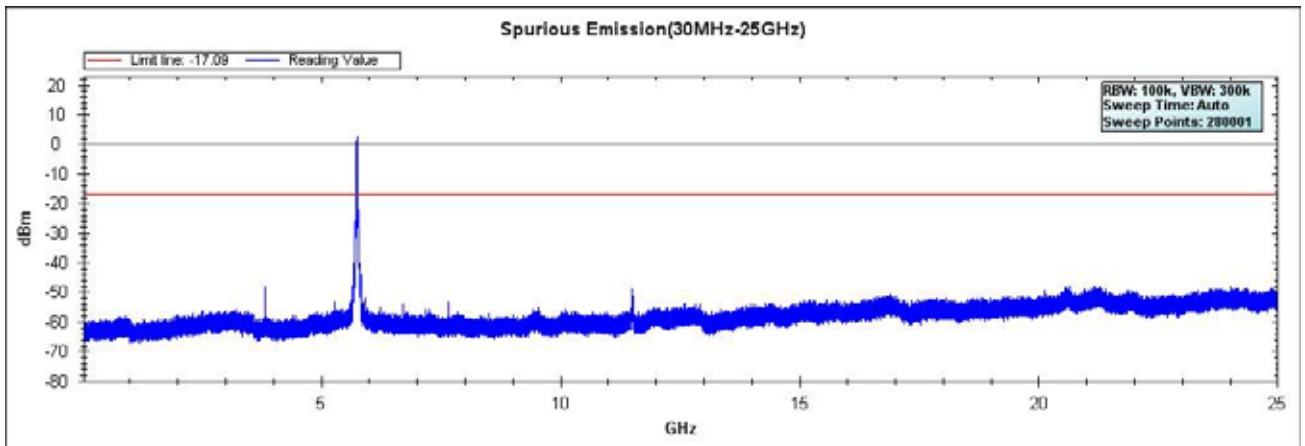


Channel 159 (5795MHz)-19

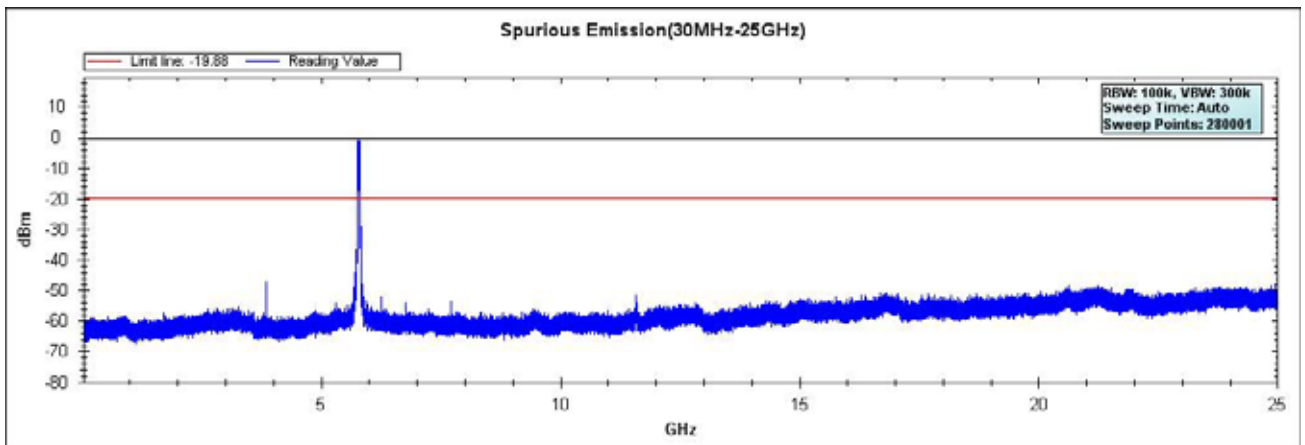


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 0)

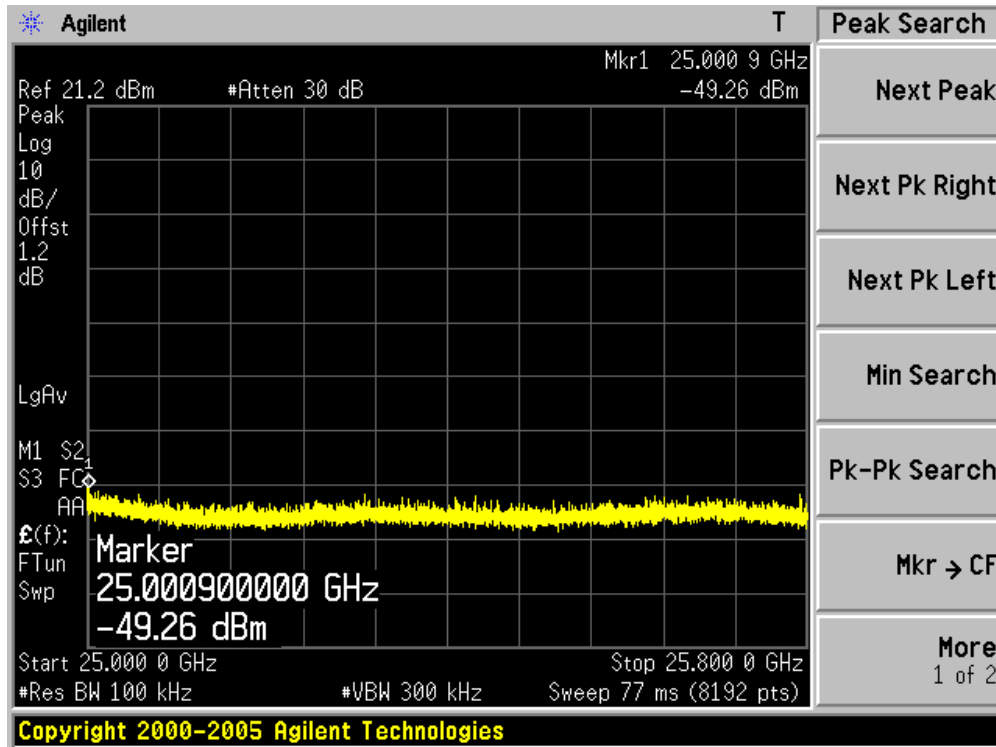
**Channel 151 (5755MHz)**



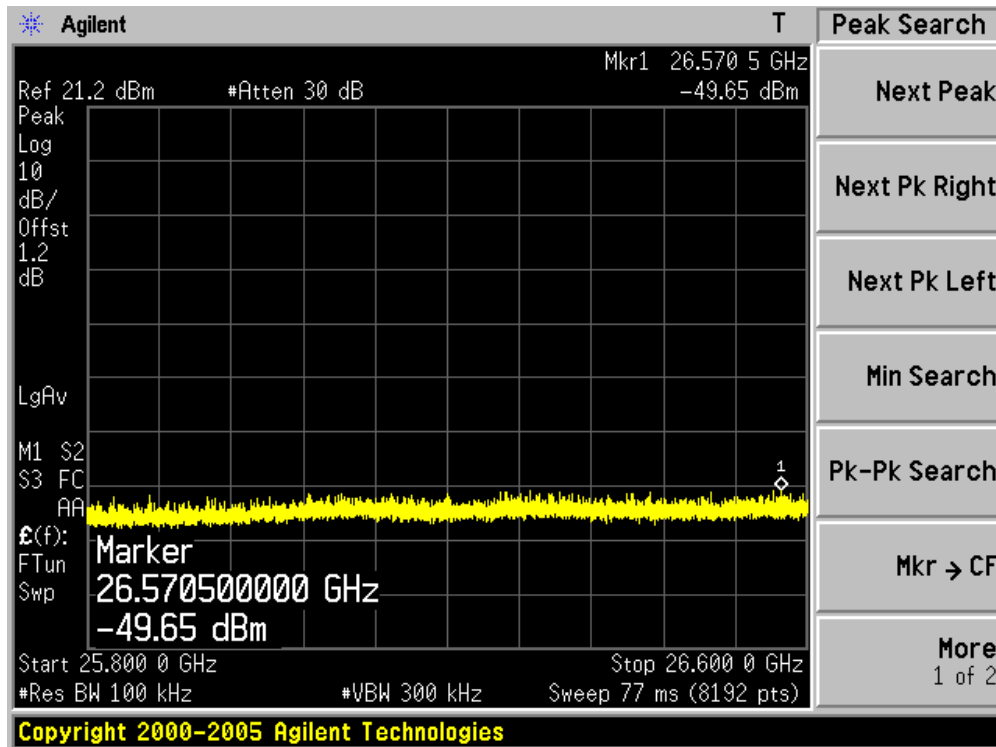
**Channel 159 (5795MHz)**



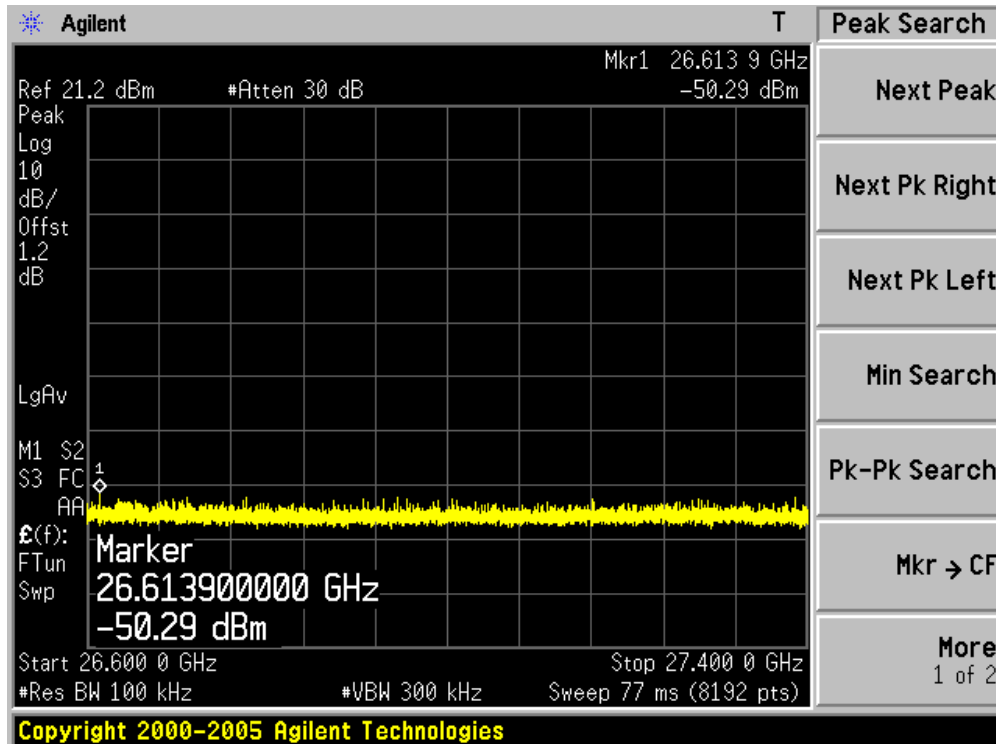
Channel 151 (5755MHz)-1



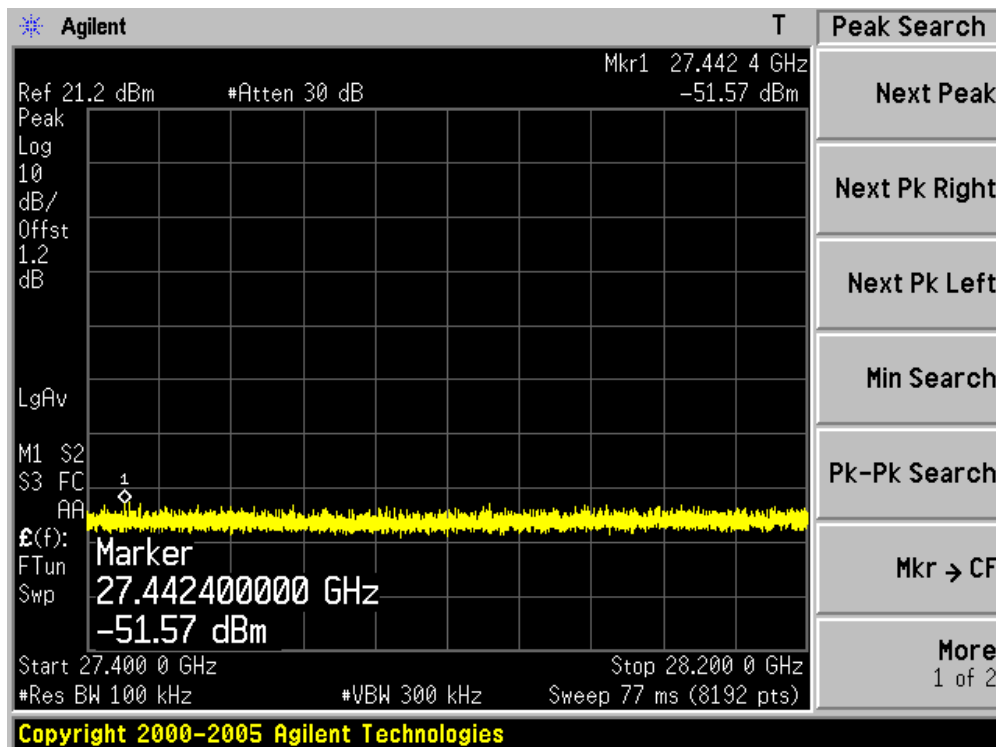
Channel 151 (5755MHz)-2



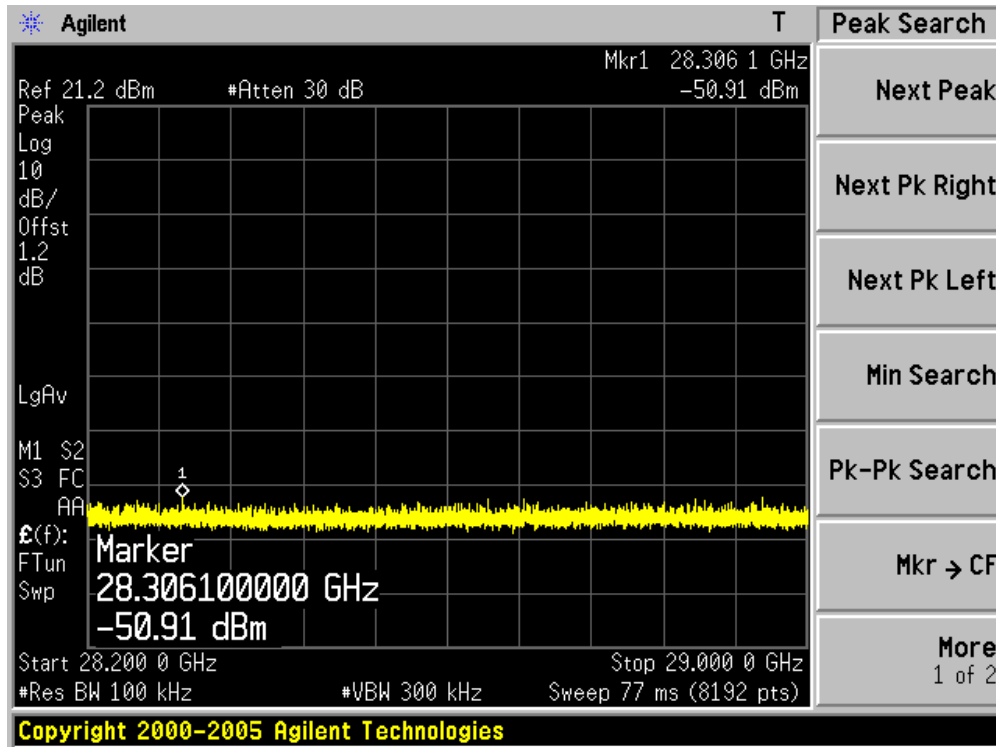
Channel 151 (5755MHz)-3



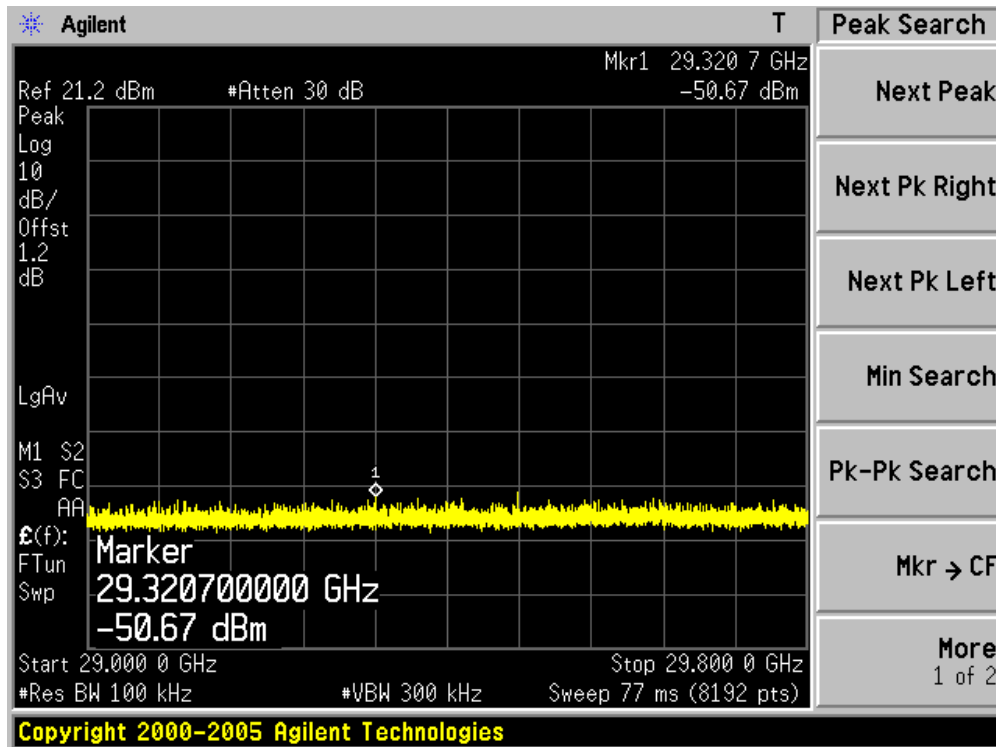
Channel 151 (5755MHz)-4



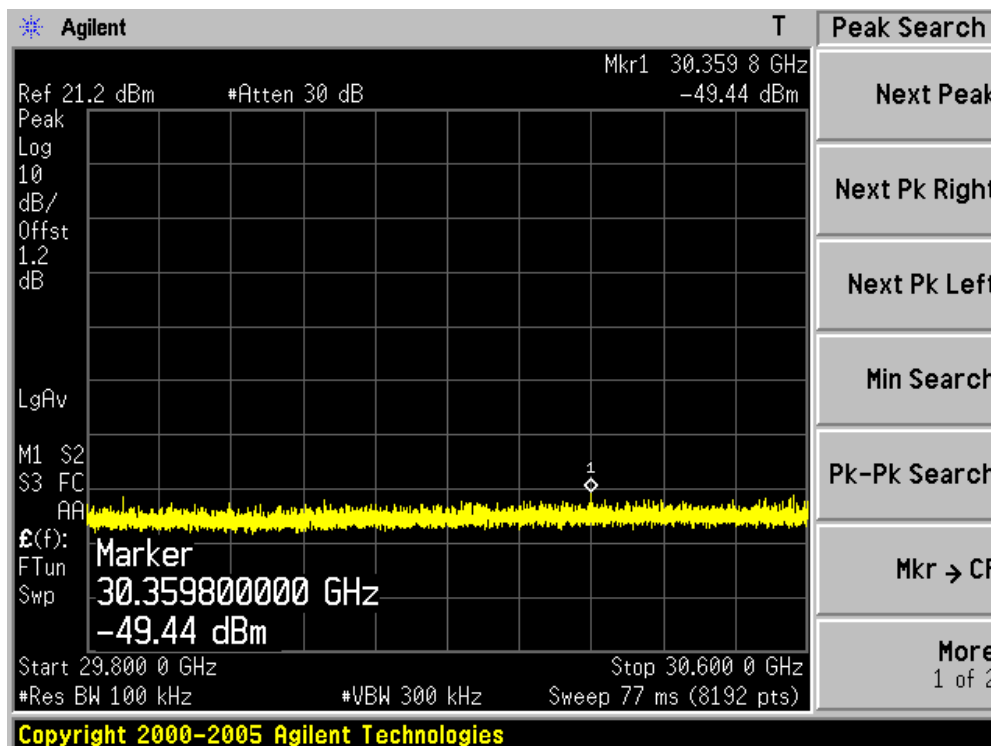
Channel 151 (5755MHz)-5



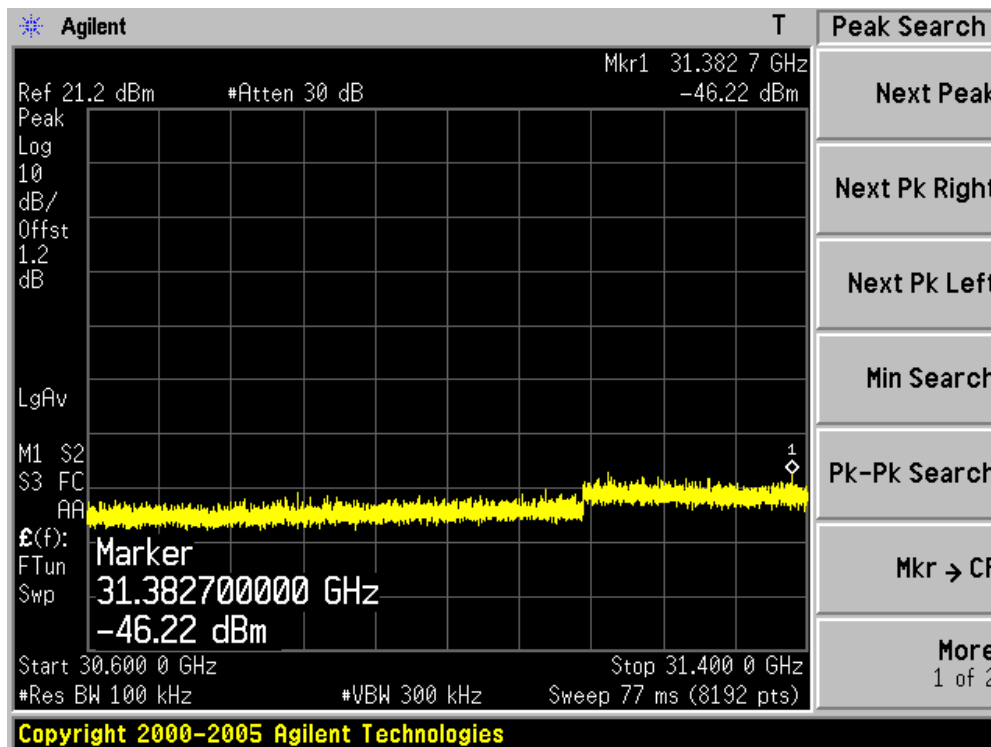
Channel 151 (5755MHz)-6



Channel 151 (5755MHz)-7

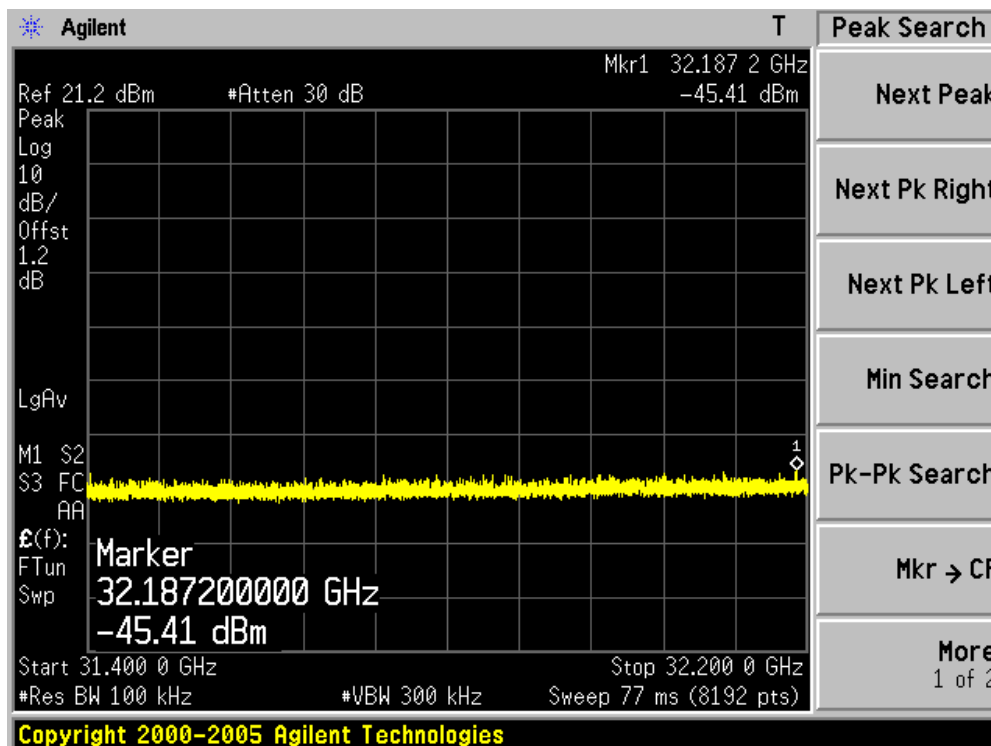


Channel 151 (5755MHz)-8

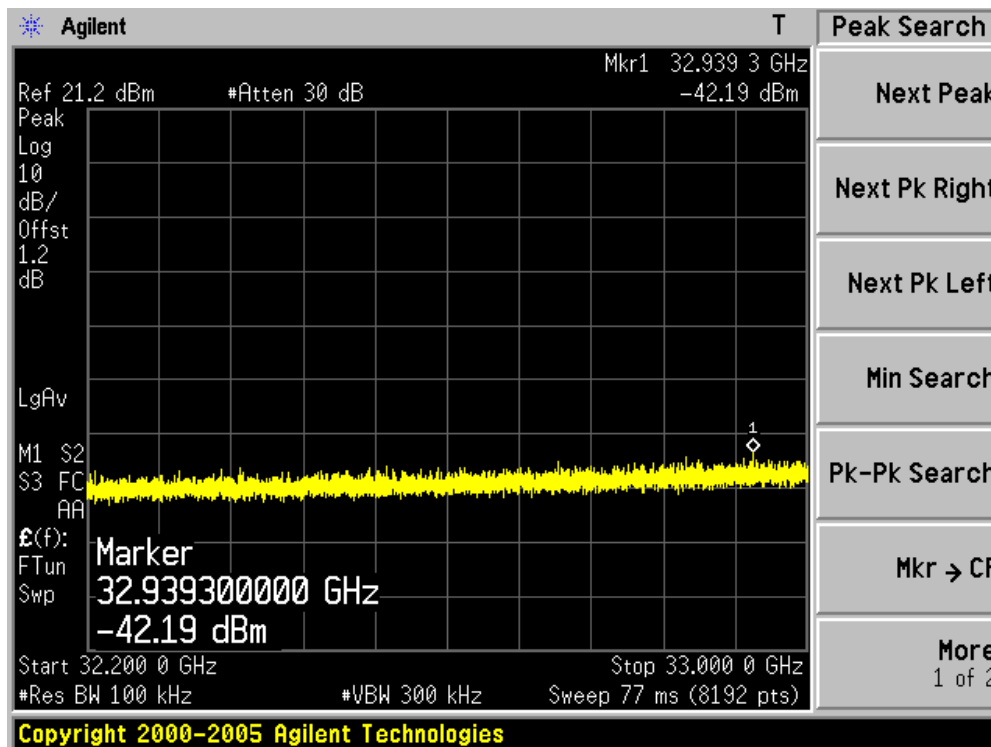




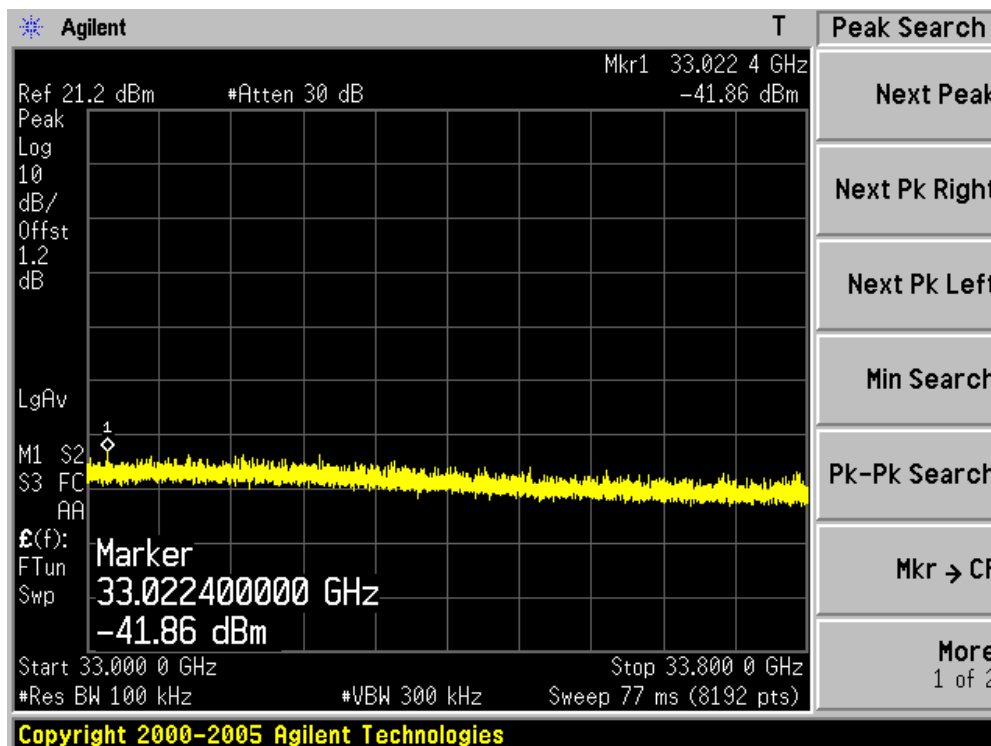
Channel 151 (5755MHz)-9



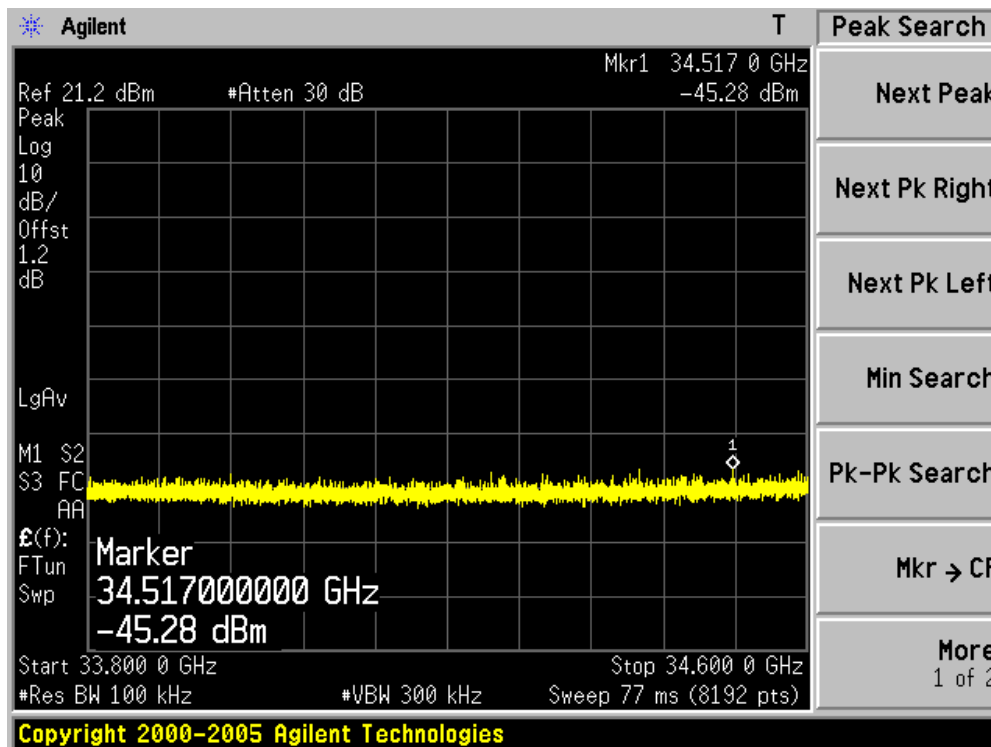
Channel 151 (5755MHz)-10



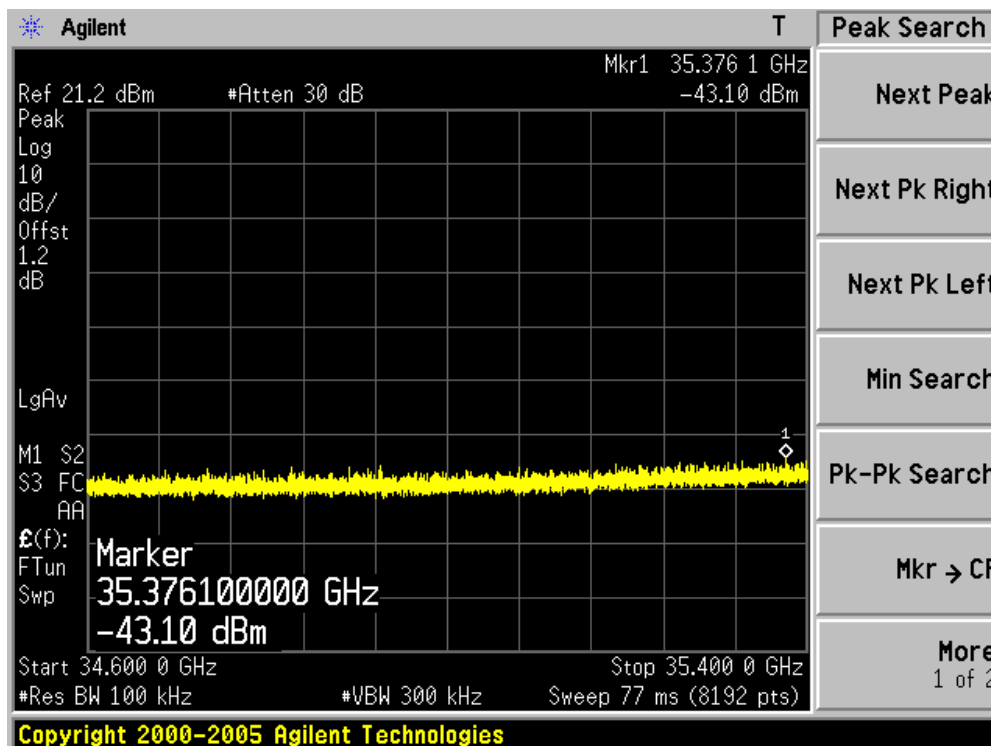
Channel 151 (5755MHz)-11



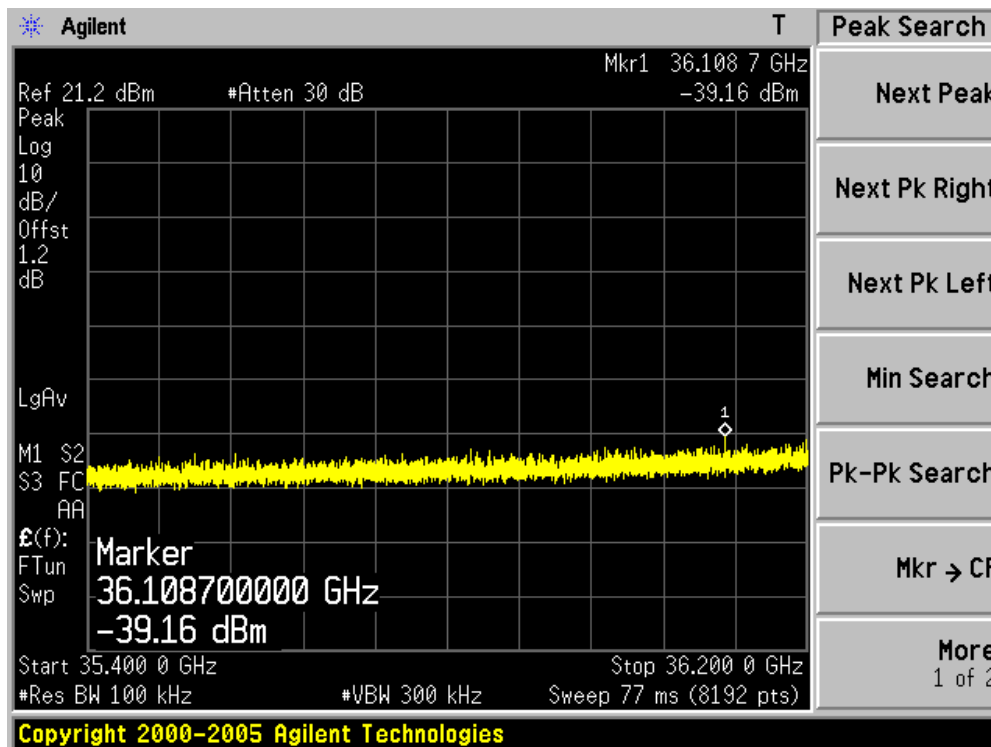
Channel 151 (5755MHz)-12



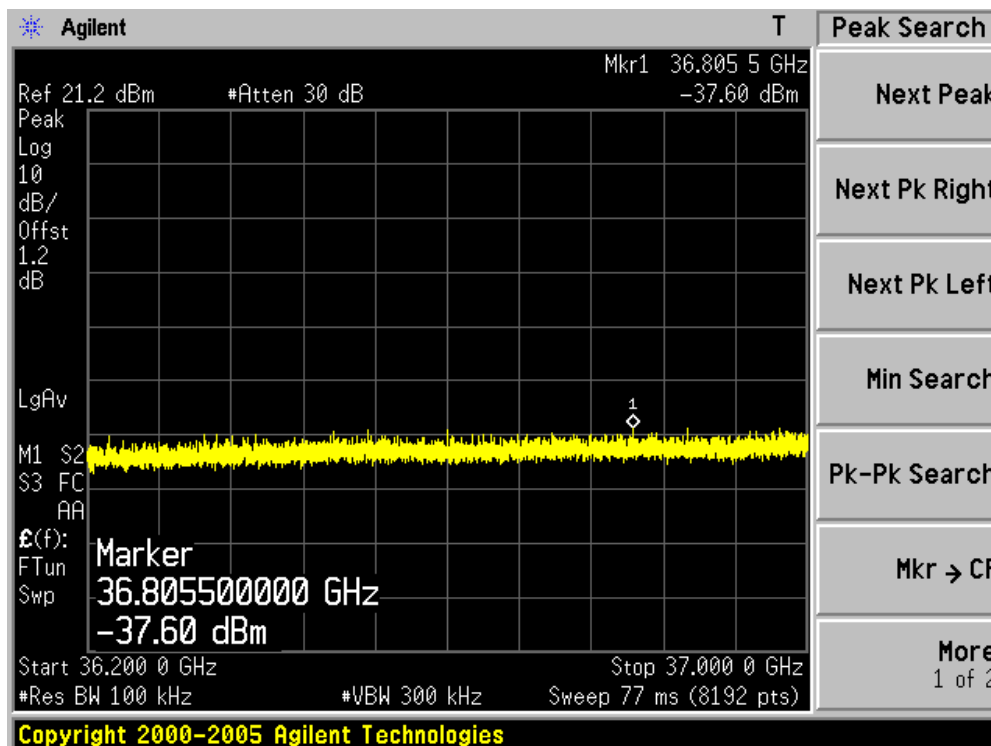
Channel 151 (5755MHz)-13



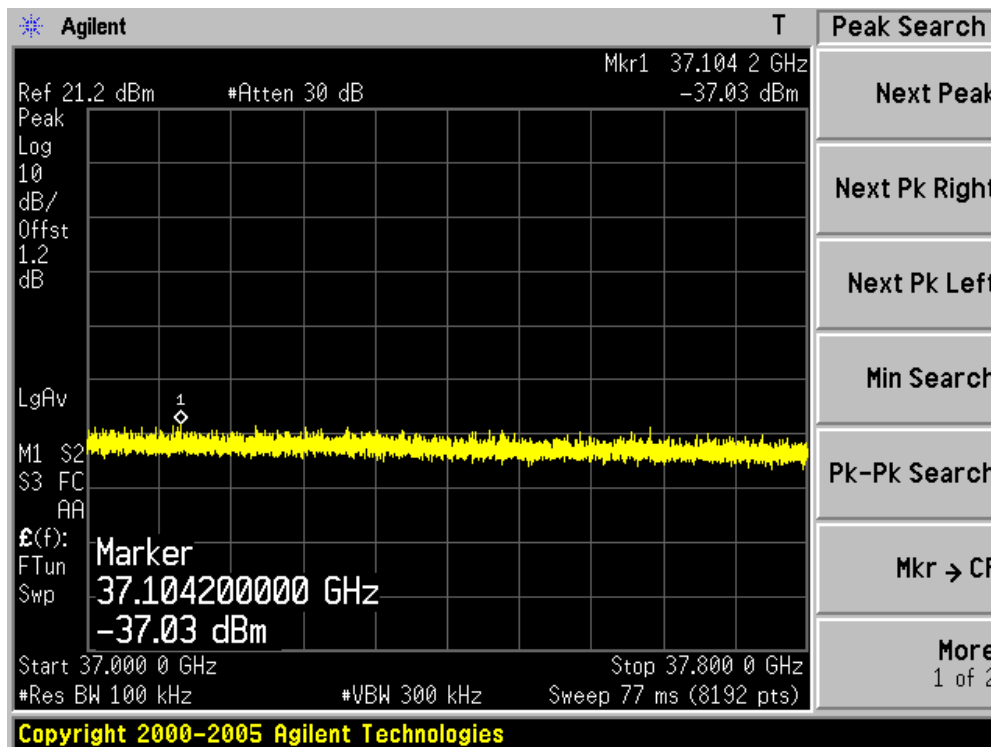
Channel 151 (5755MHz)-14



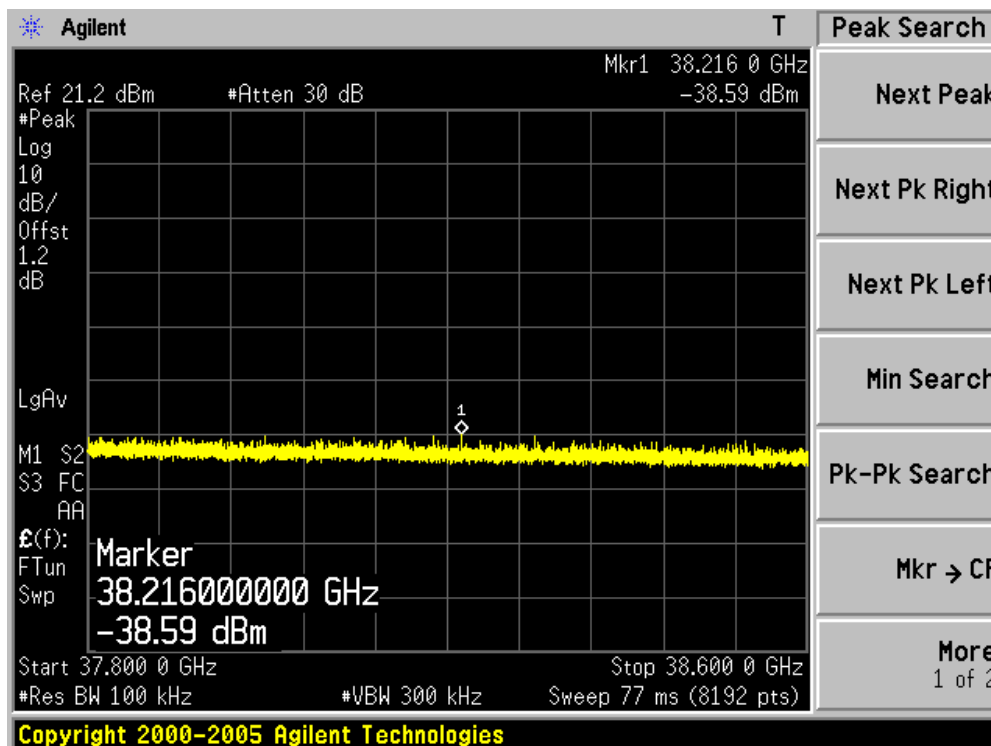
Channel 151 (5755MHz)-15



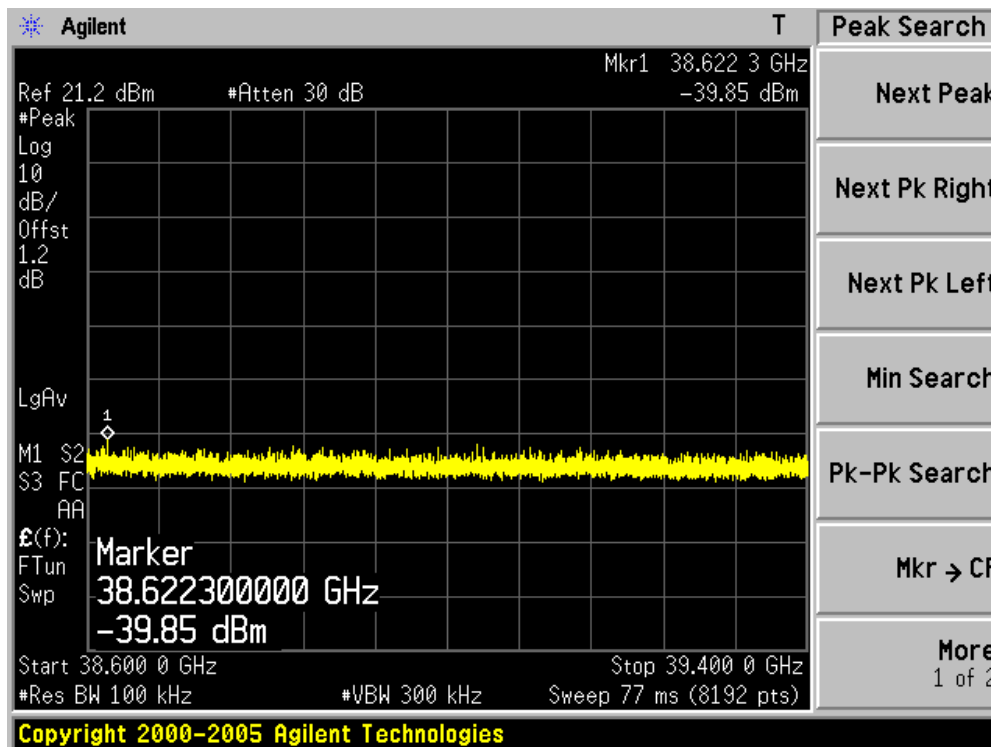
Channel 151 (5755MHz)-16



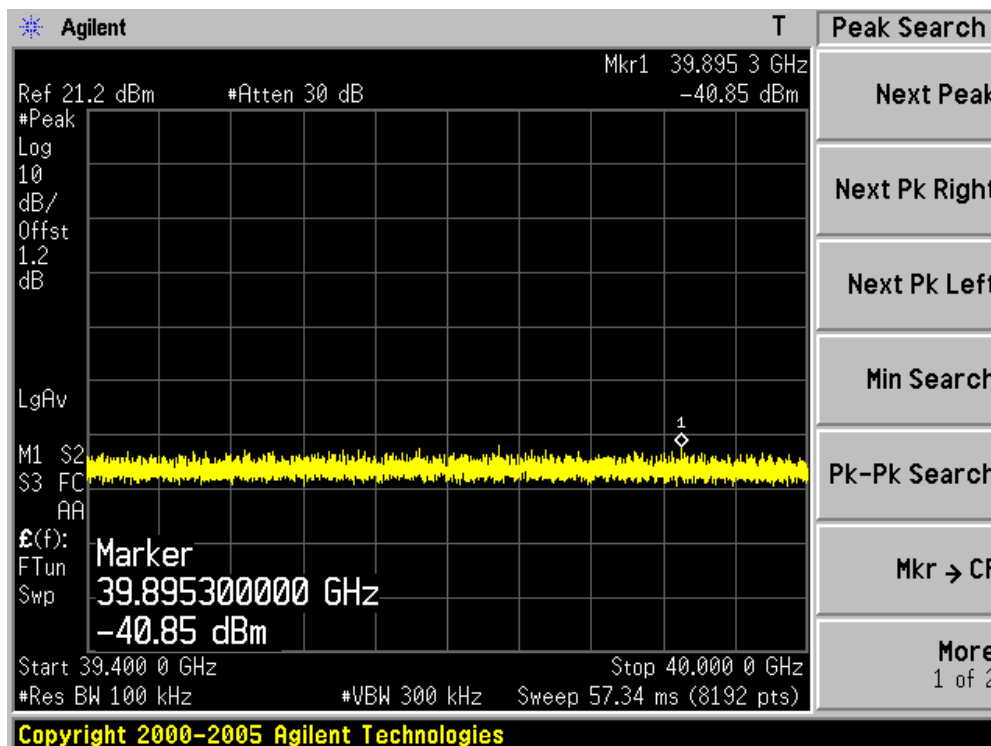
Channel 151 (5755MHz)-17



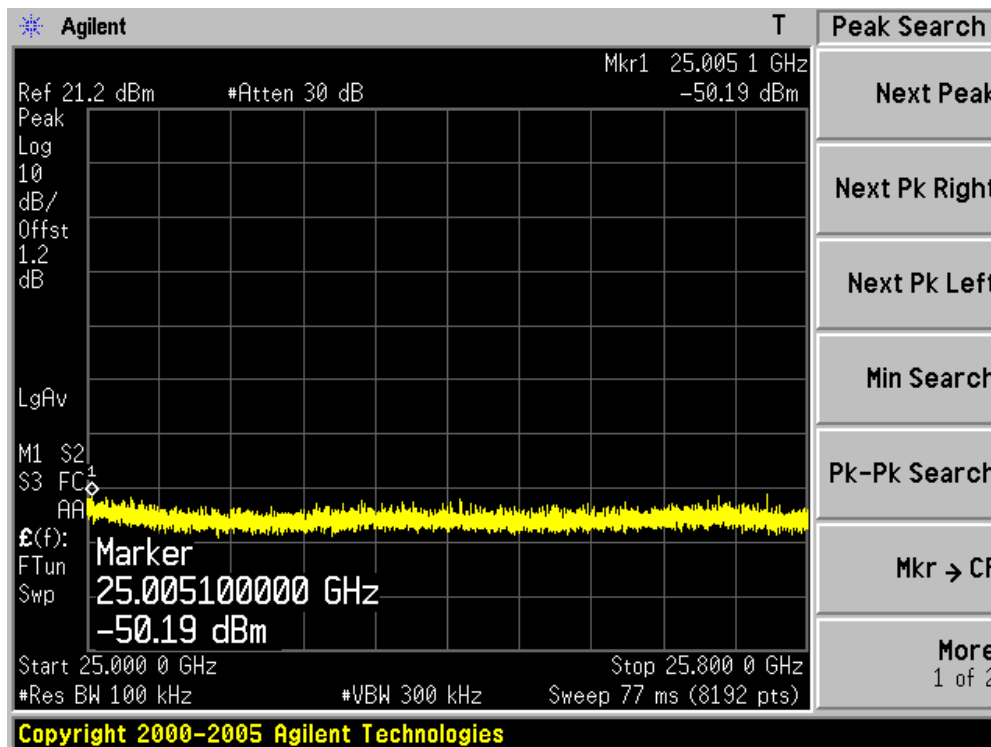
Channel 151 (5755MHz)-18



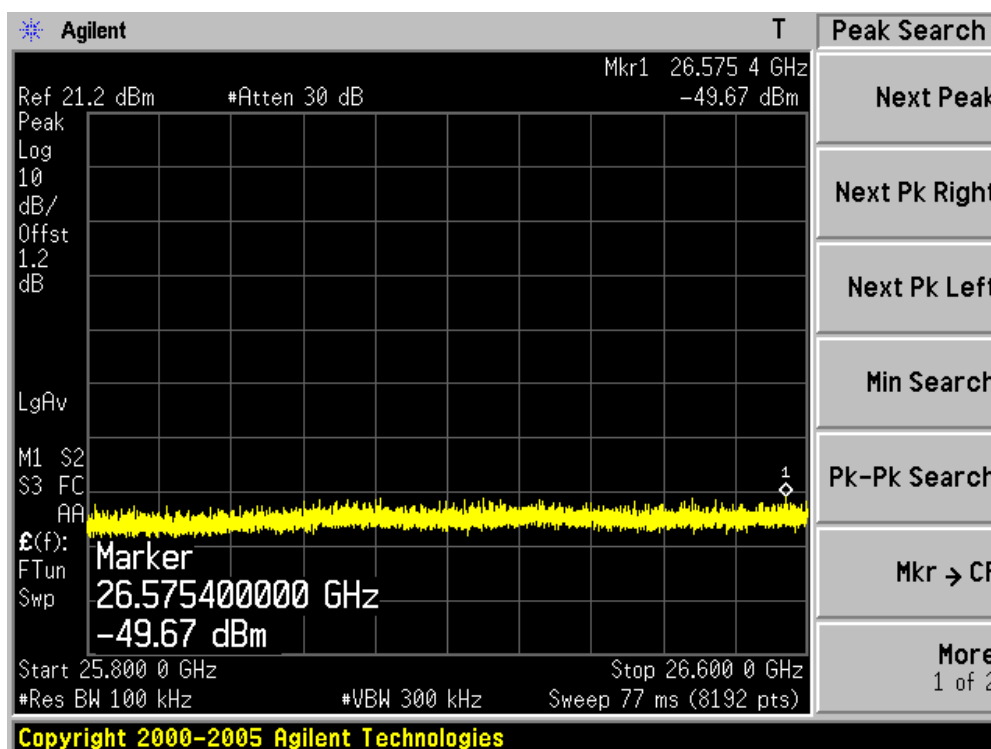
Channel 151 (5755MHz)-19



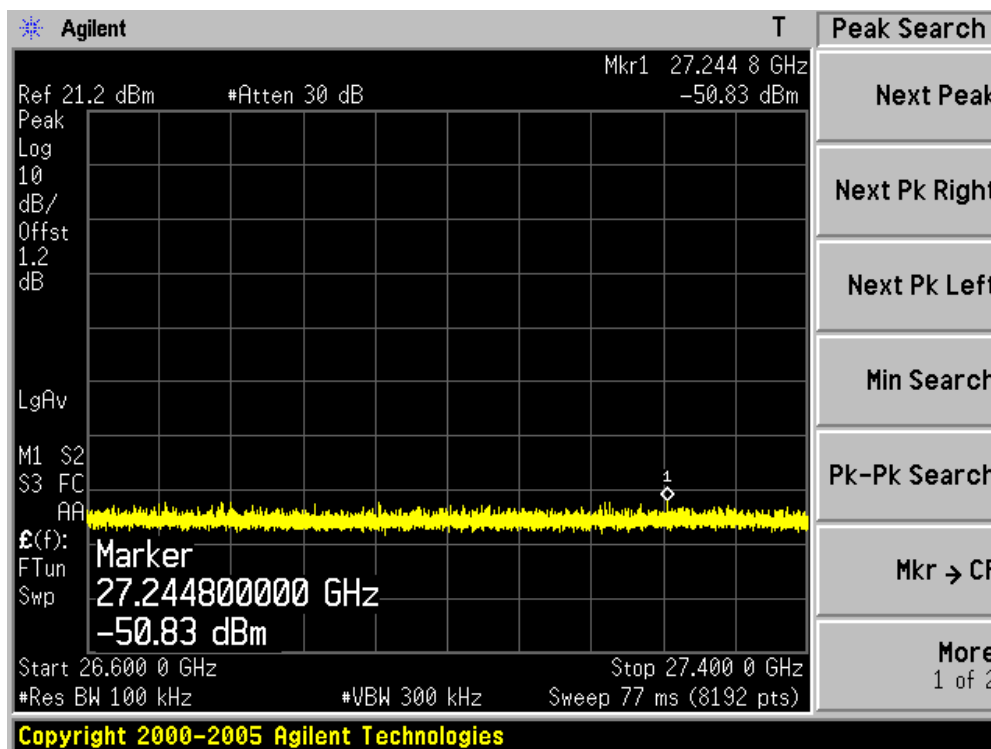
Channel 159 (5795MHz)-1



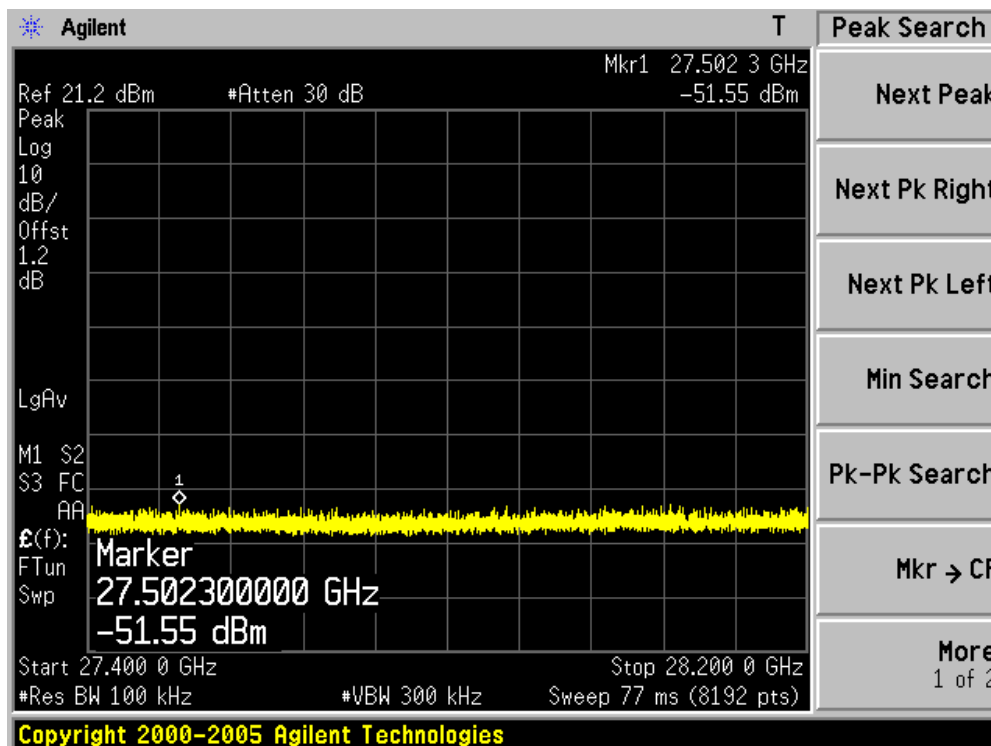
Channel 159 (5795MHz)-2



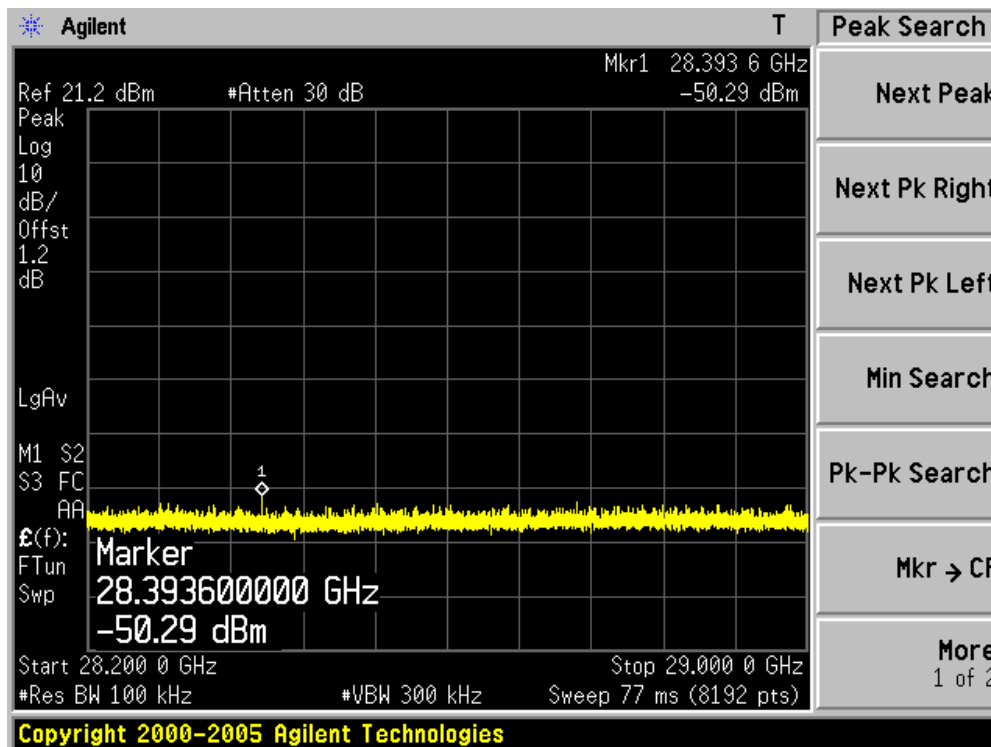
Channel 159 (5795MHz)-3



Channel 159 (5795MHz)-4

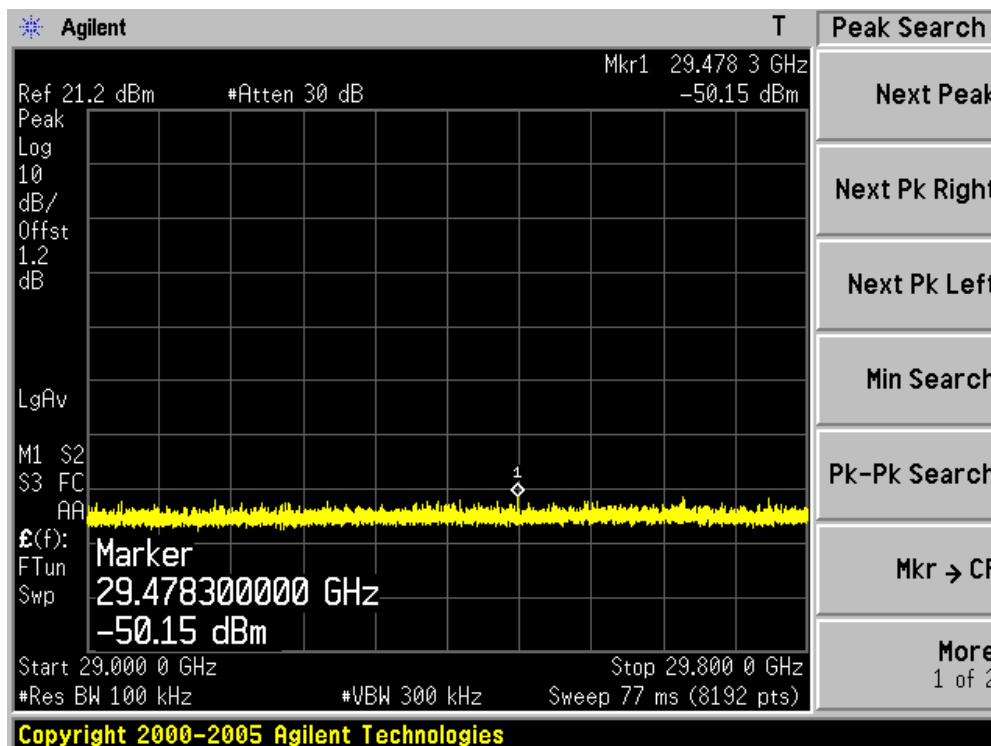


Channel 159 (5795MHz)-5

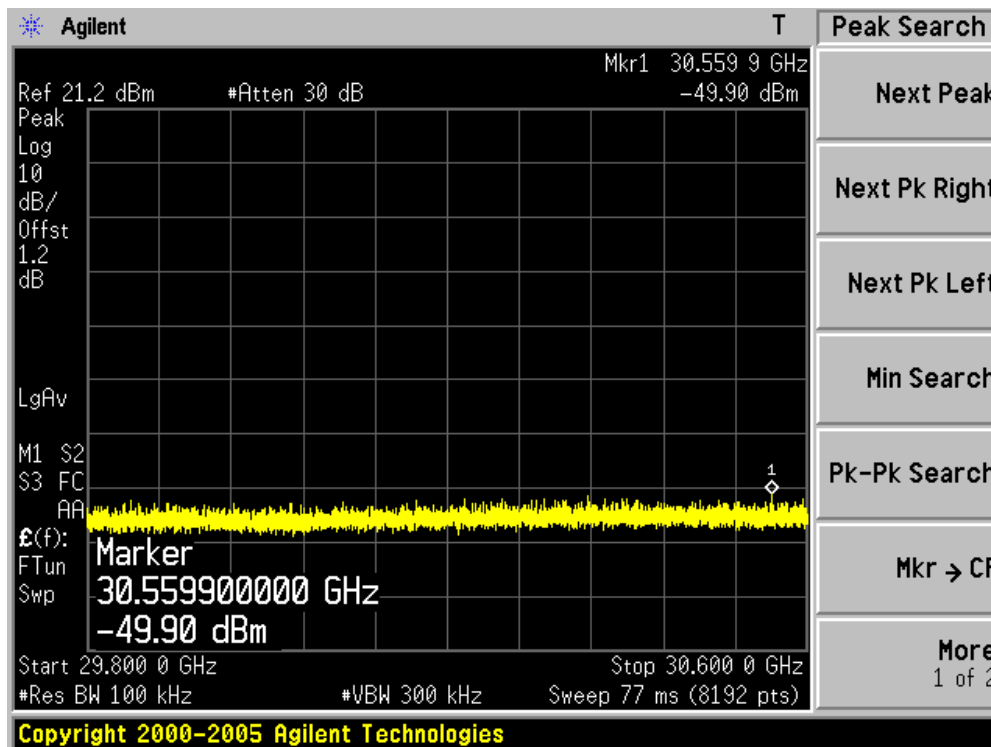




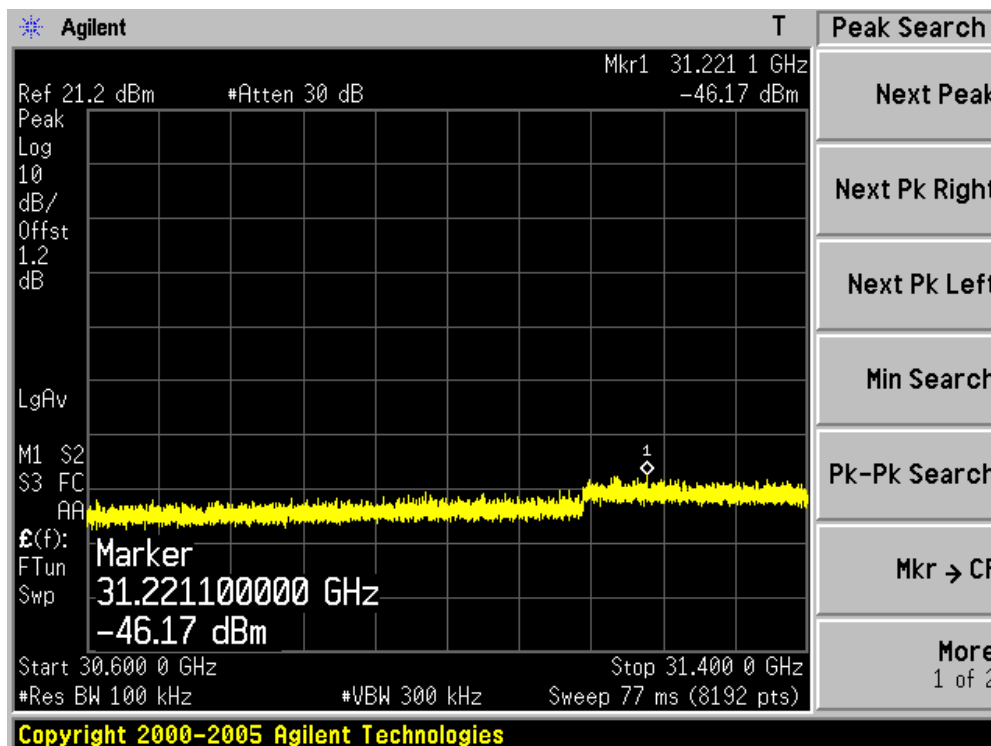
Channel 159 (5795MHz)-6



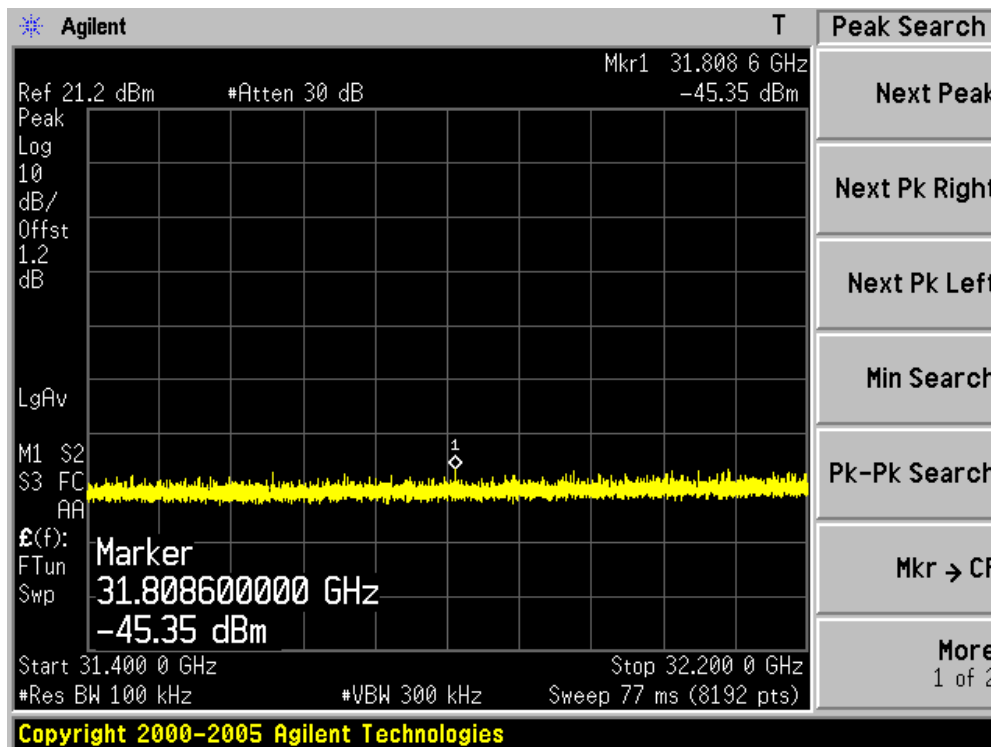
Channel 159 (5795MHz)-7



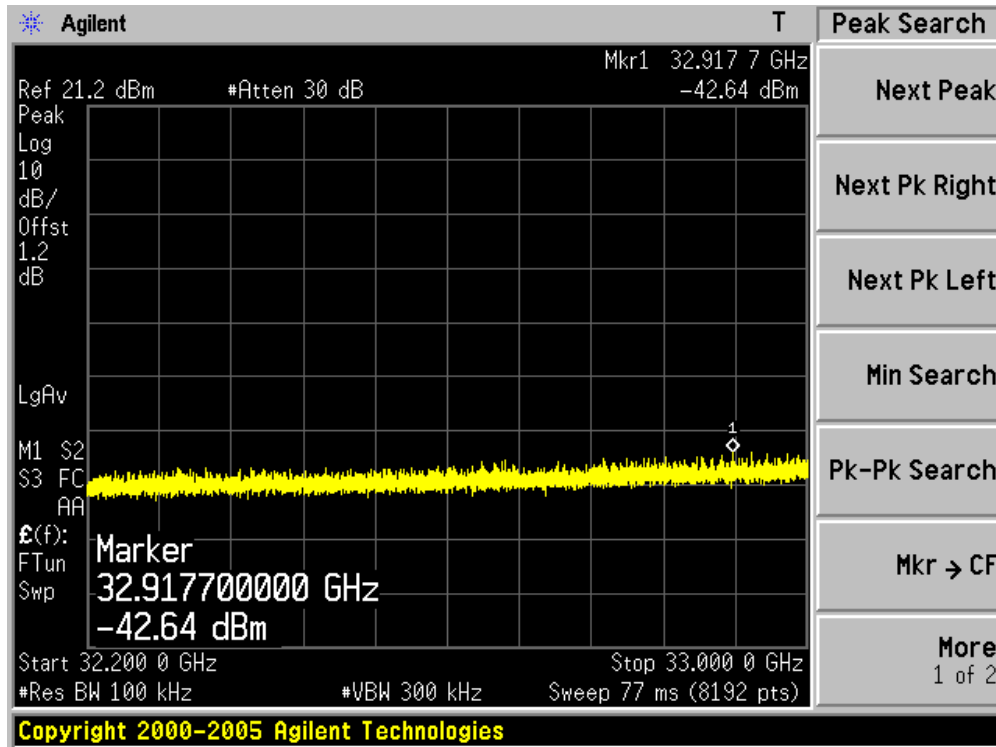
Channel 159 (5795MHz)-8



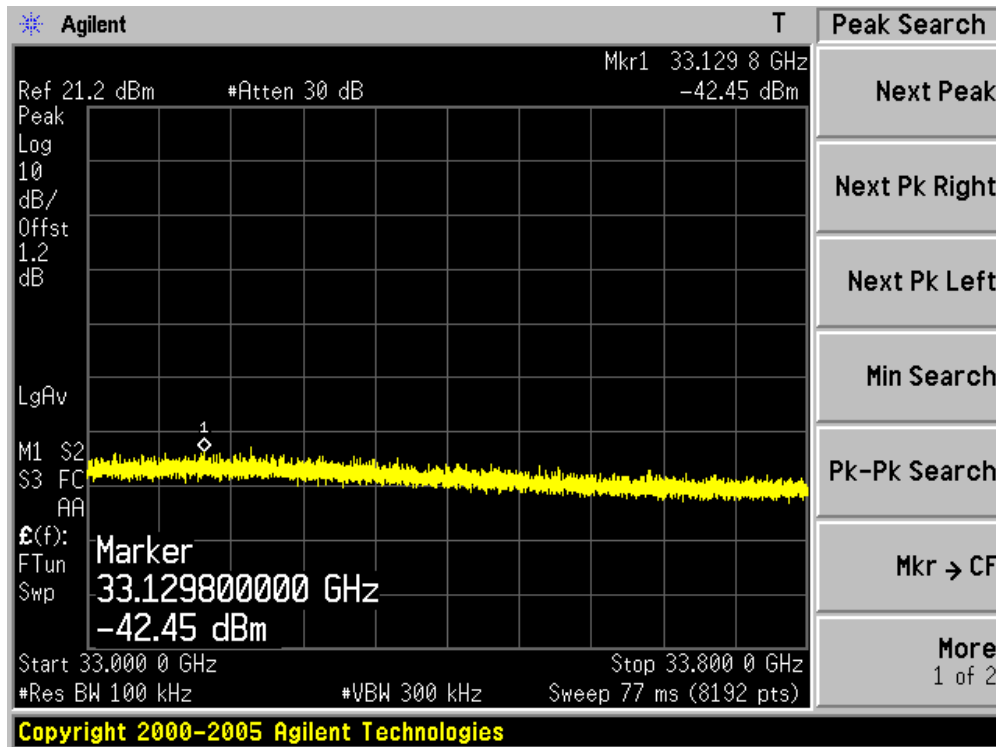
Channel 159 (5795MHz)-9



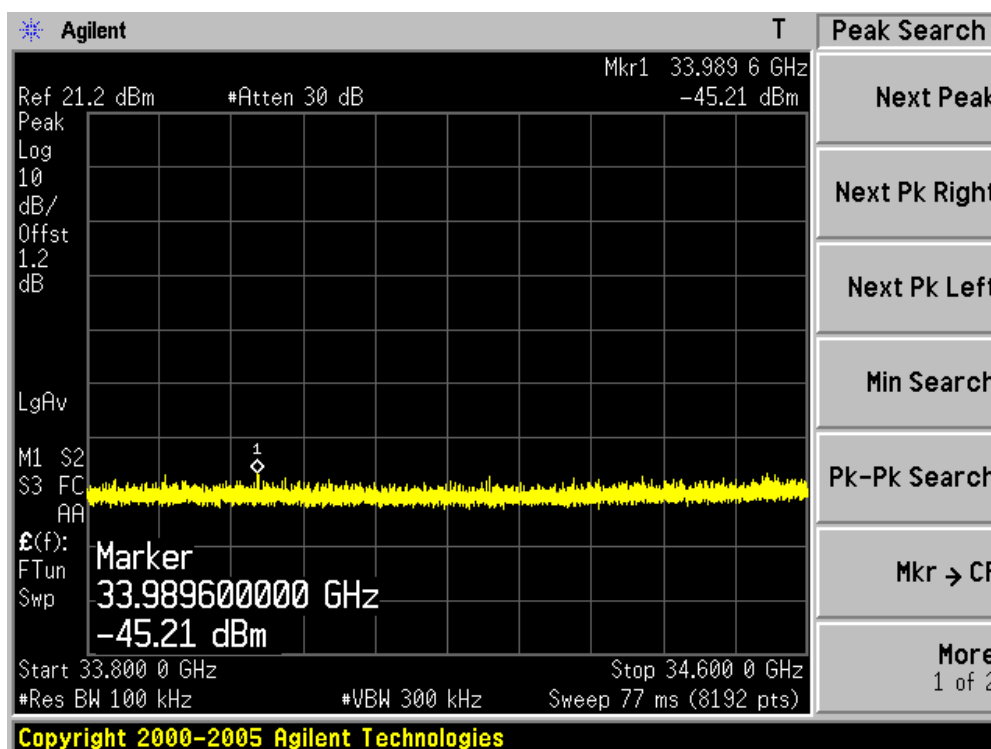
Channel 159 (5795MHz)-10



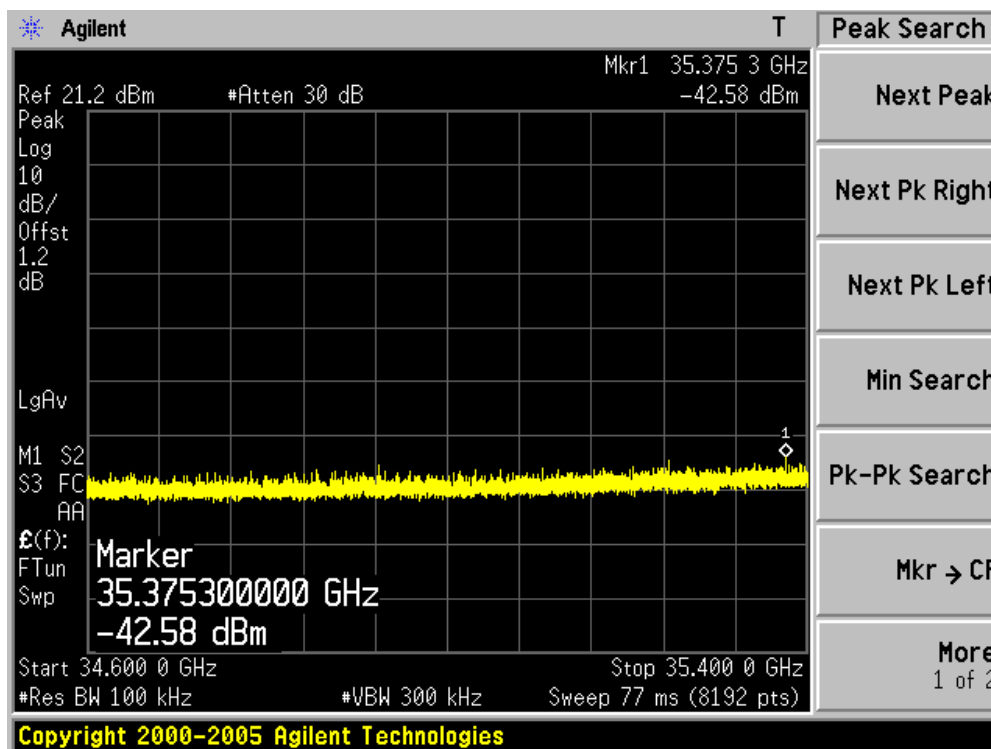
Channel 159 (5795MHz)-11



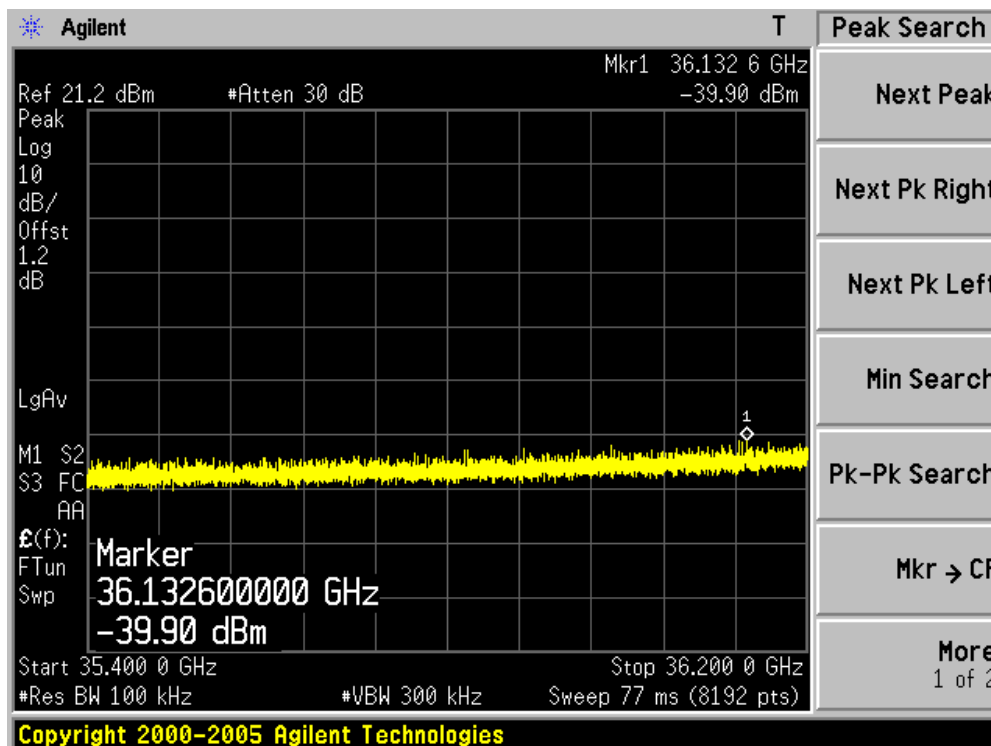
Channel 159 (5795MHz)-12



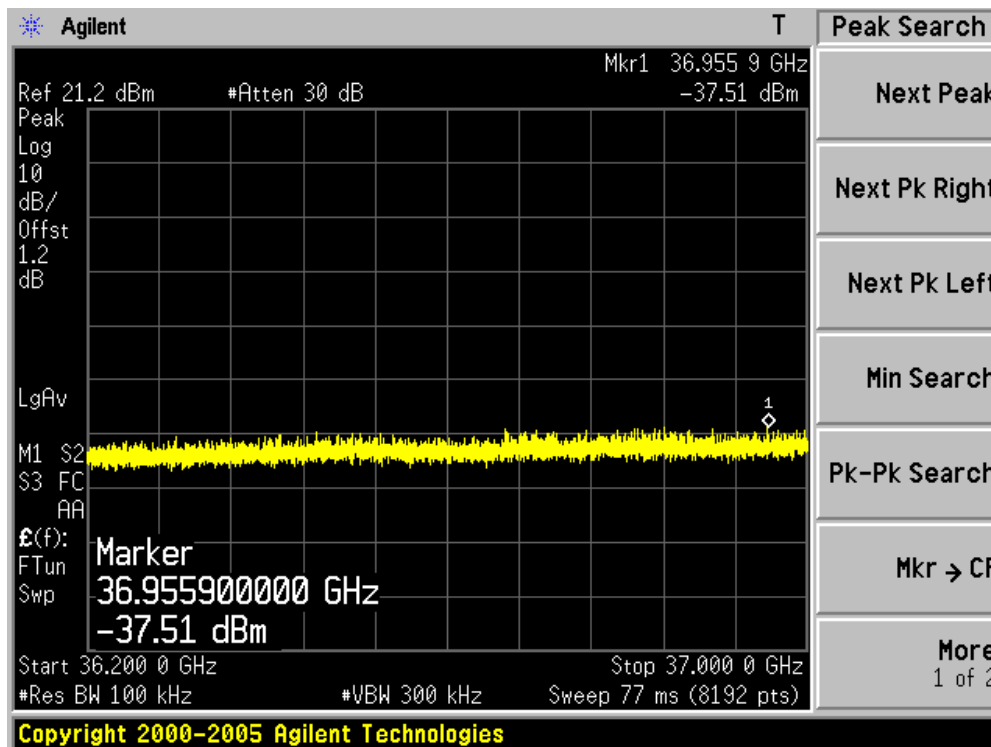
Channel 159 (5795MHz)-13



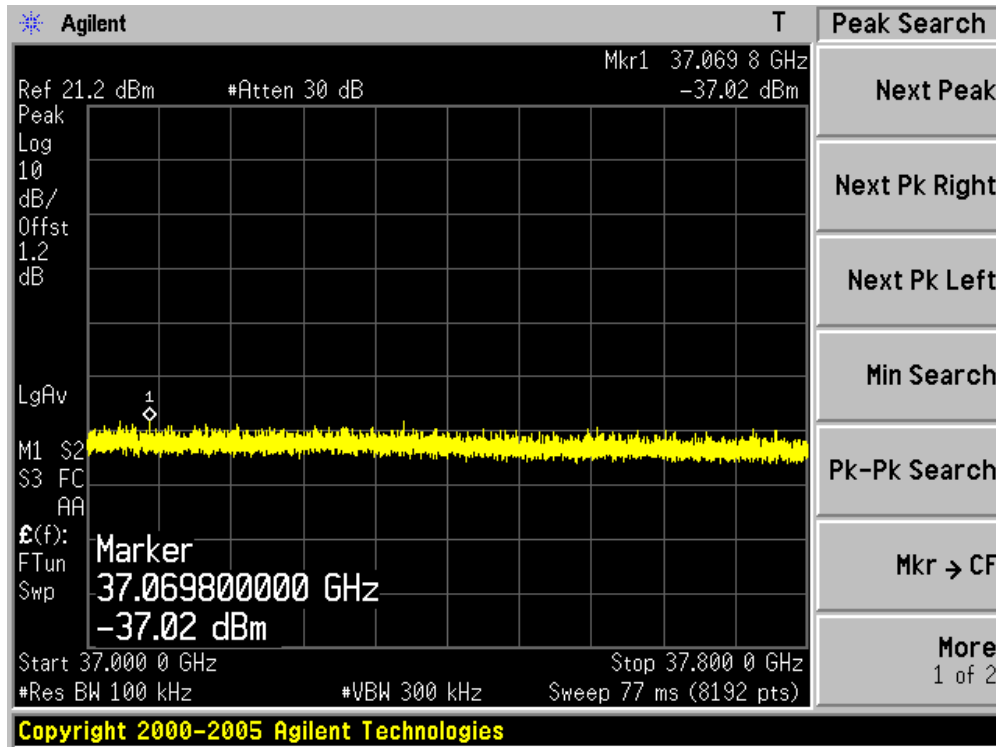
Channel 159 (5795MHz)-14



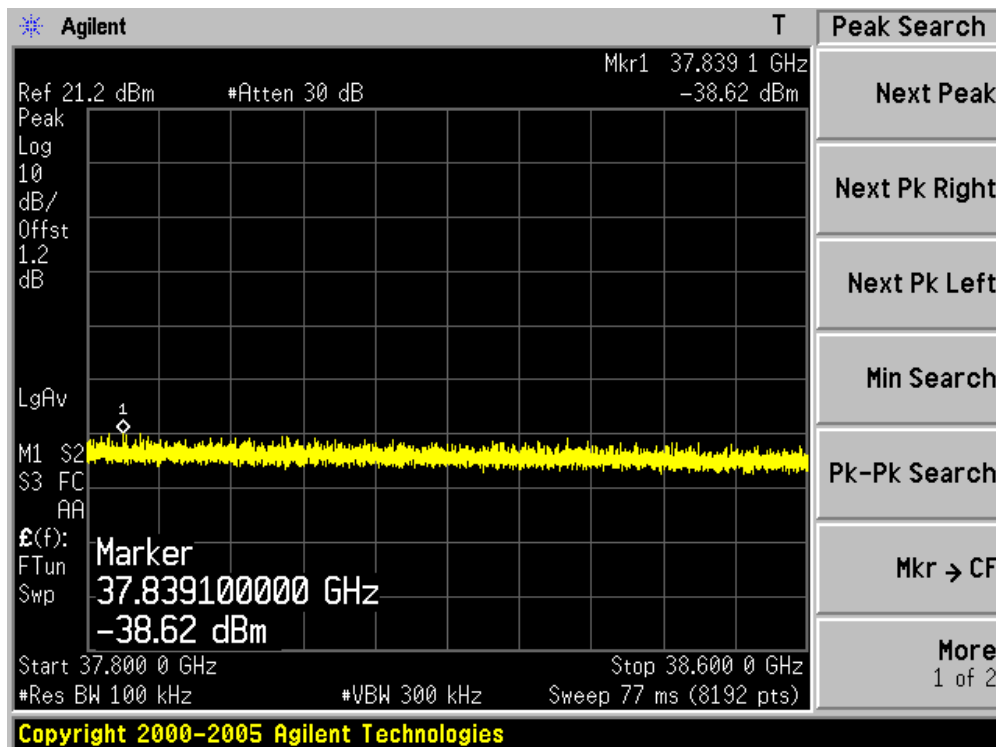
Channel 159 (5795MHz)-15



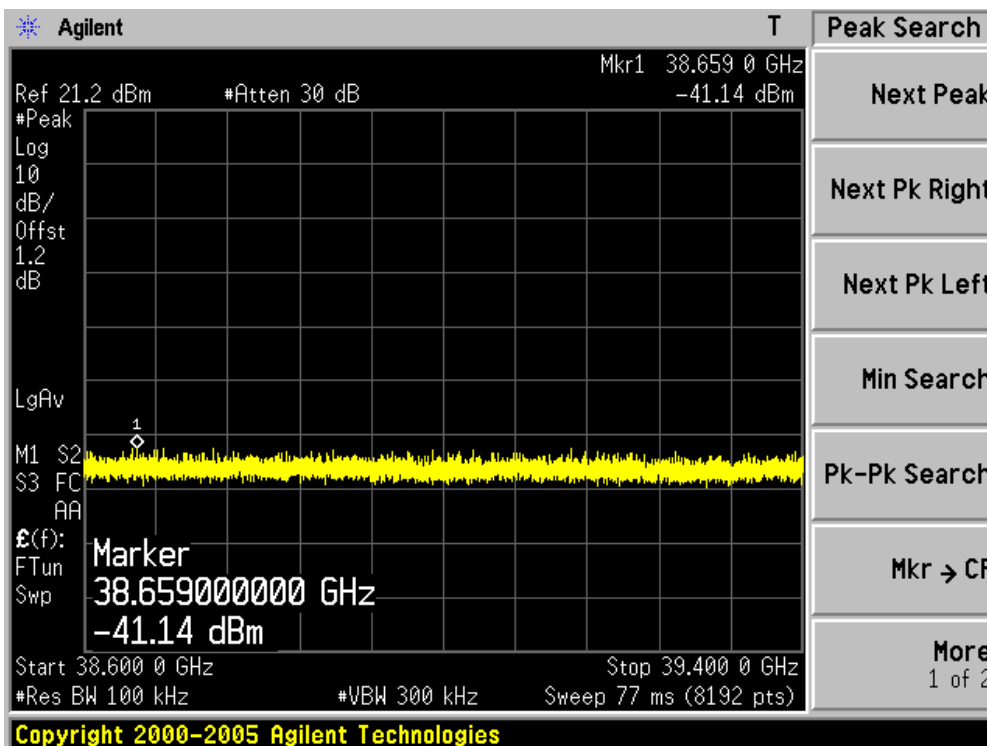
Channel 159 (5795MHz)-16



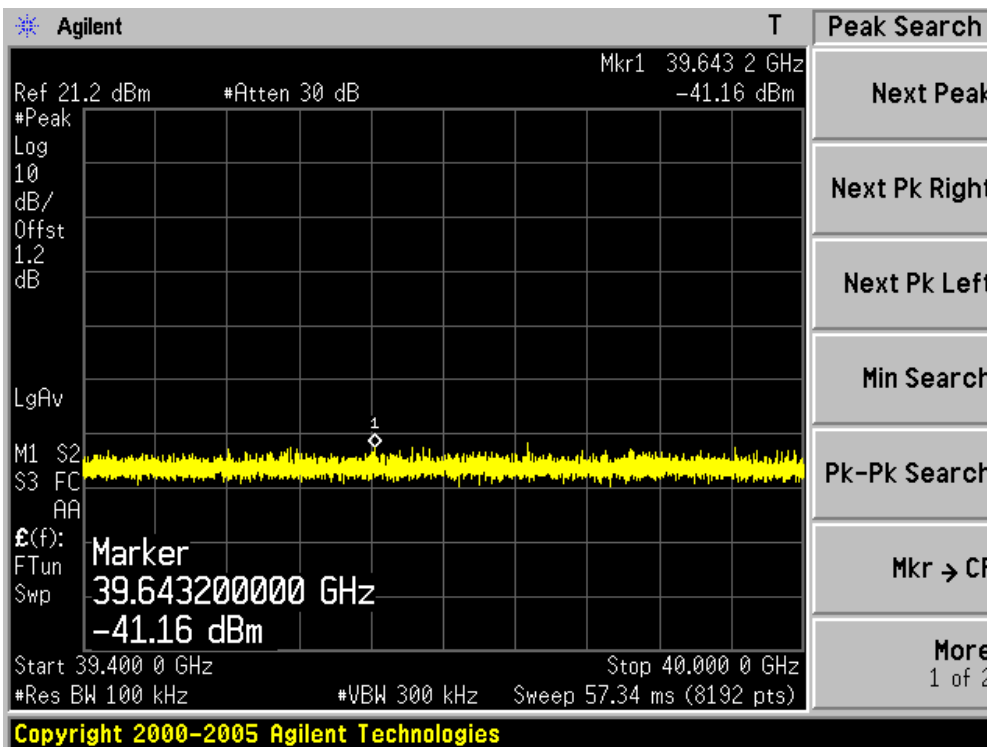
Channel 159 (5795MHz)-17



Channel 159 (5795MHz)-18

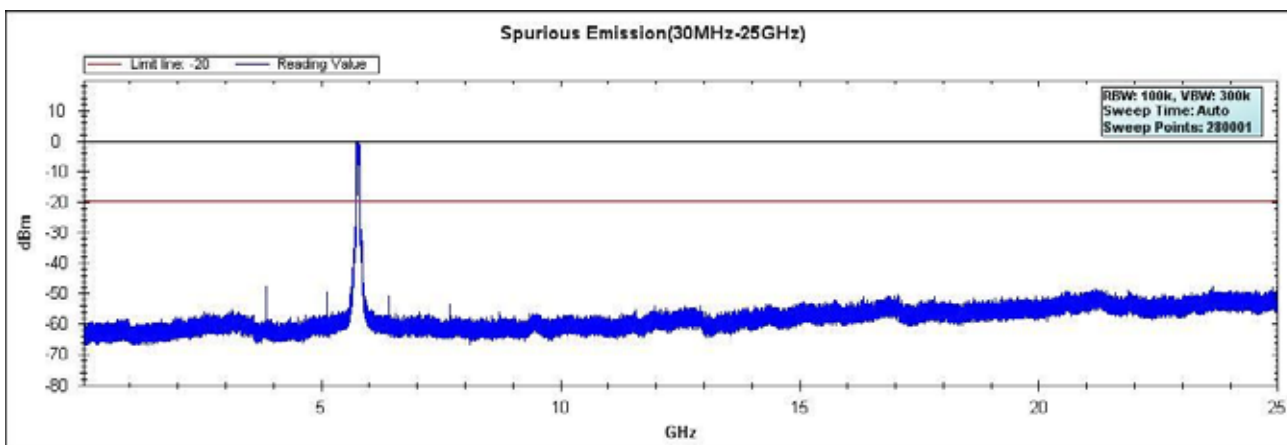


Channel 159 (5795MHz)-19



Product	: Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	: RF Antenna Conducted Spurious
Test Site	: TR-8
Test Mode	: Mode 8: Transmit by 802.11ac(80MHz) (Ant 0)

### Channel 155 (5775MHz)



### Channel 155 (5755MHz)-1

Agilent
T

Ref 21.2 dBm #Atten 30 dB
Mkr1 25.051 1 GHz  
-50.08 dBm

Peak
Next Peak

Log
Next Pk Right

10
Next Pk Left

dB/
Min Search

Offst
Pk-Pk Search

1.2
Mkr → CF

dB
More

LgAv
1 of 2

M1 S2

S3 FC

AA

£(f):

Marker

25.05110000 GHz

-50.08 dBm

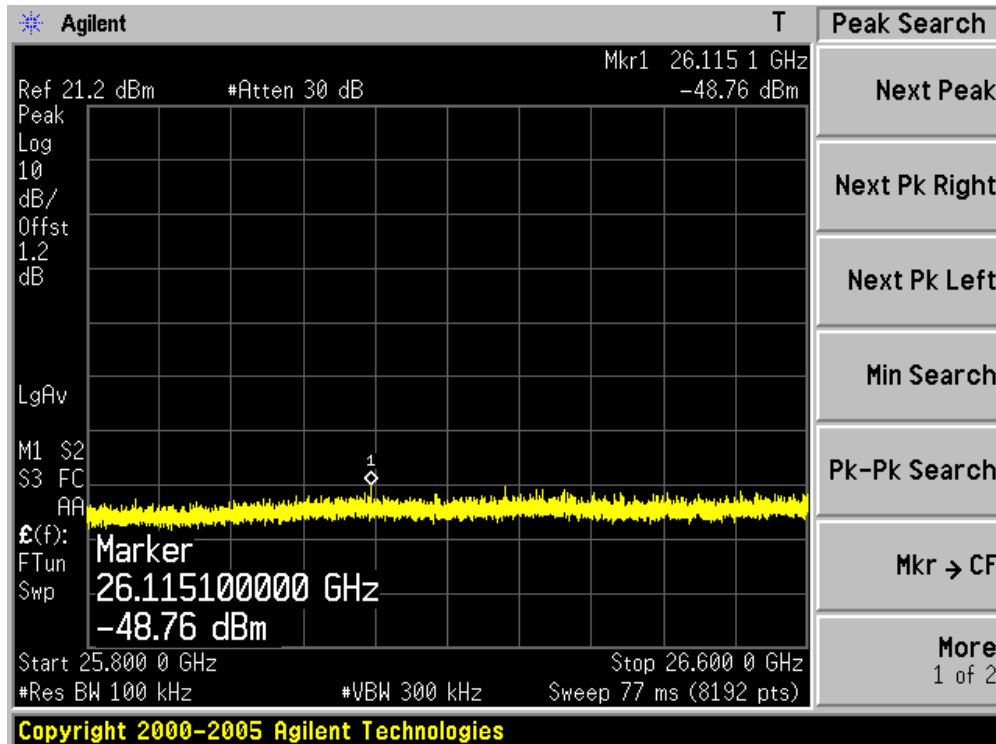
Start 25.000 0 GHz
Stop 25.800 0 GHz

#Res BW 100 kHz
#VBW 300 kHz
Sweep 77 ms (8192 pts)

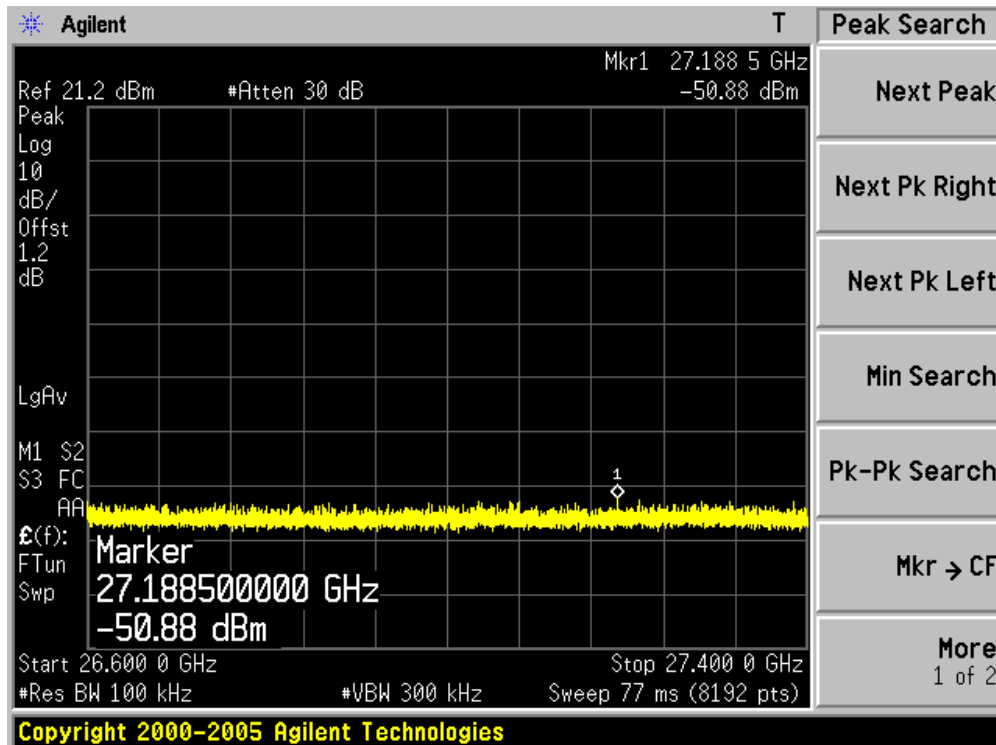
Copyright 2000-2005 Agilent Technologies



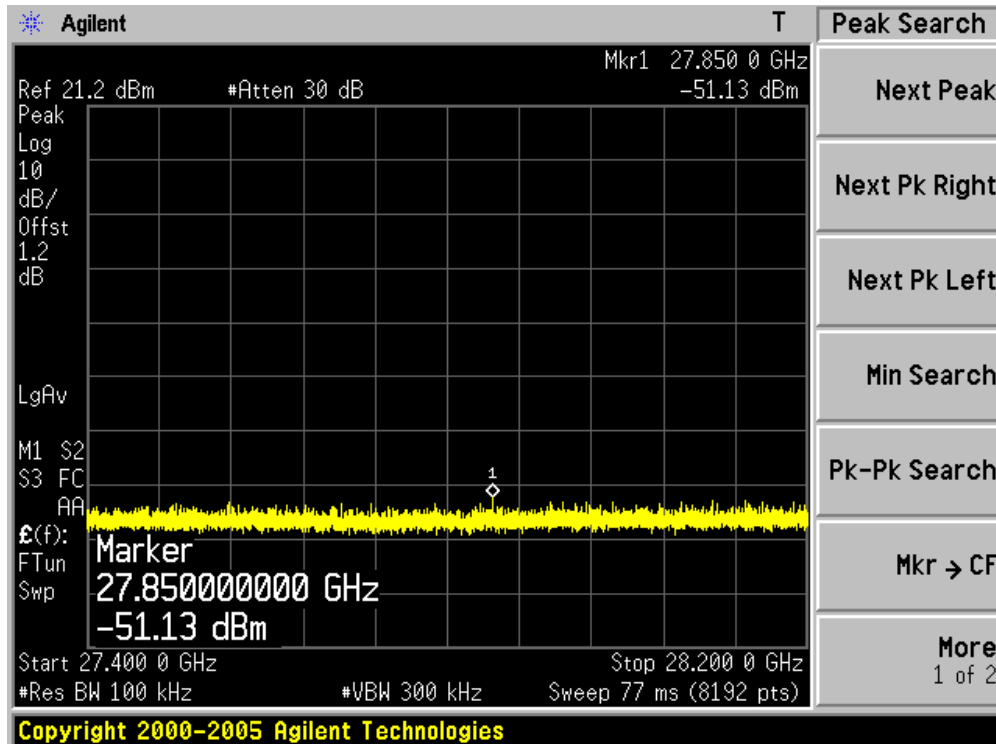
Channel 155 (5755MHz)-2



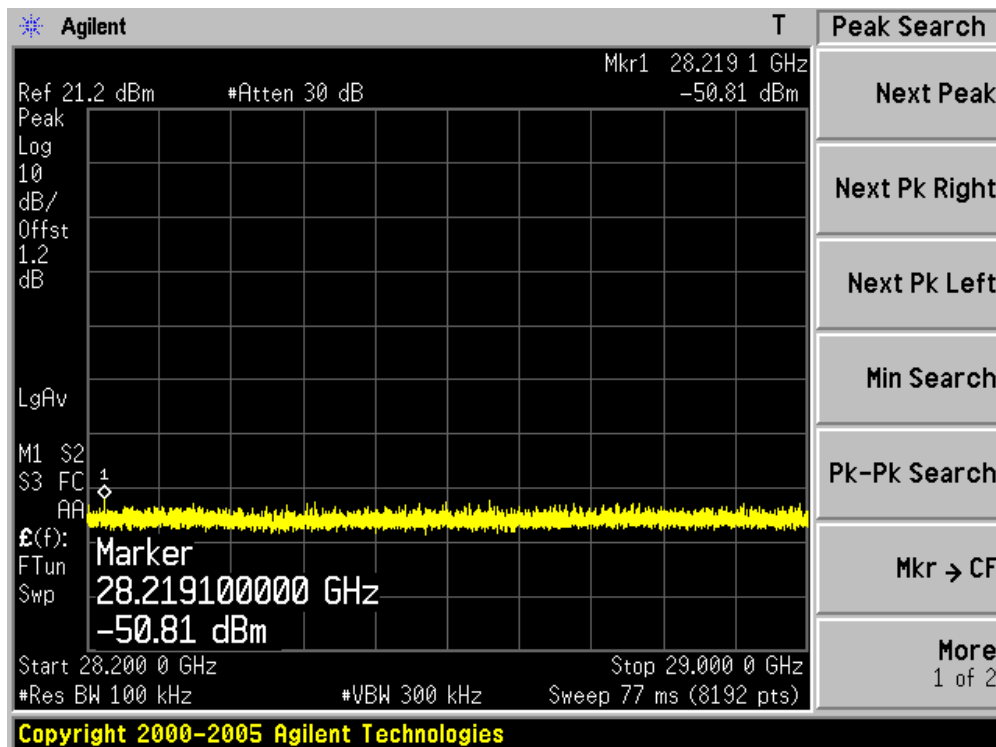
Channel 155 (5755MHz)-3



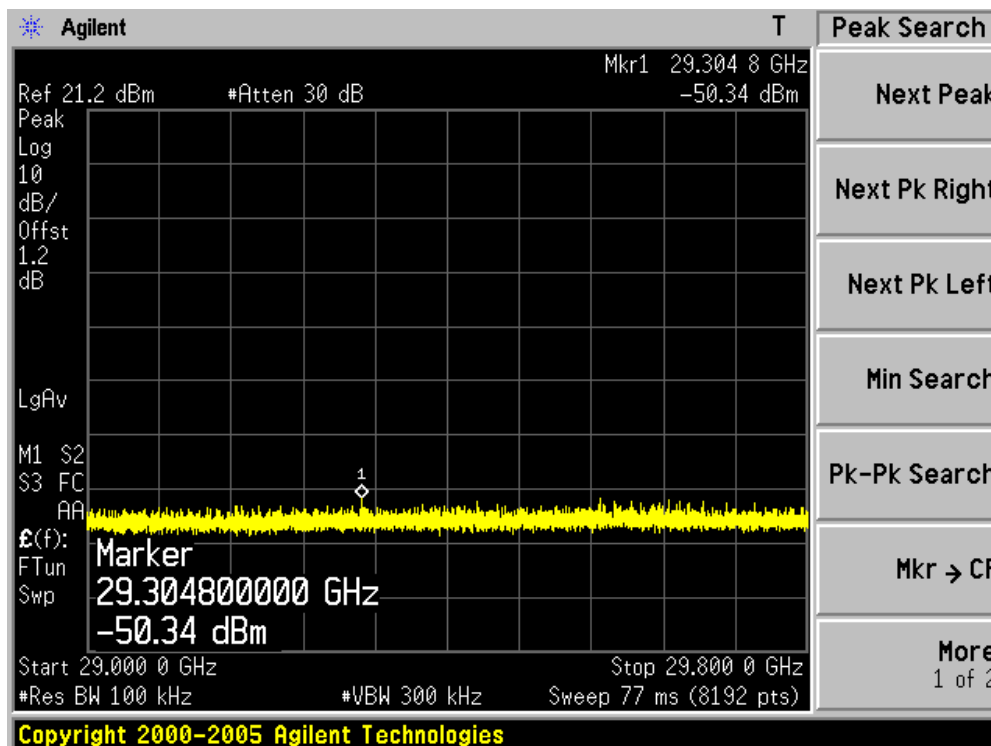
Channel 155 (5755MHz)-4



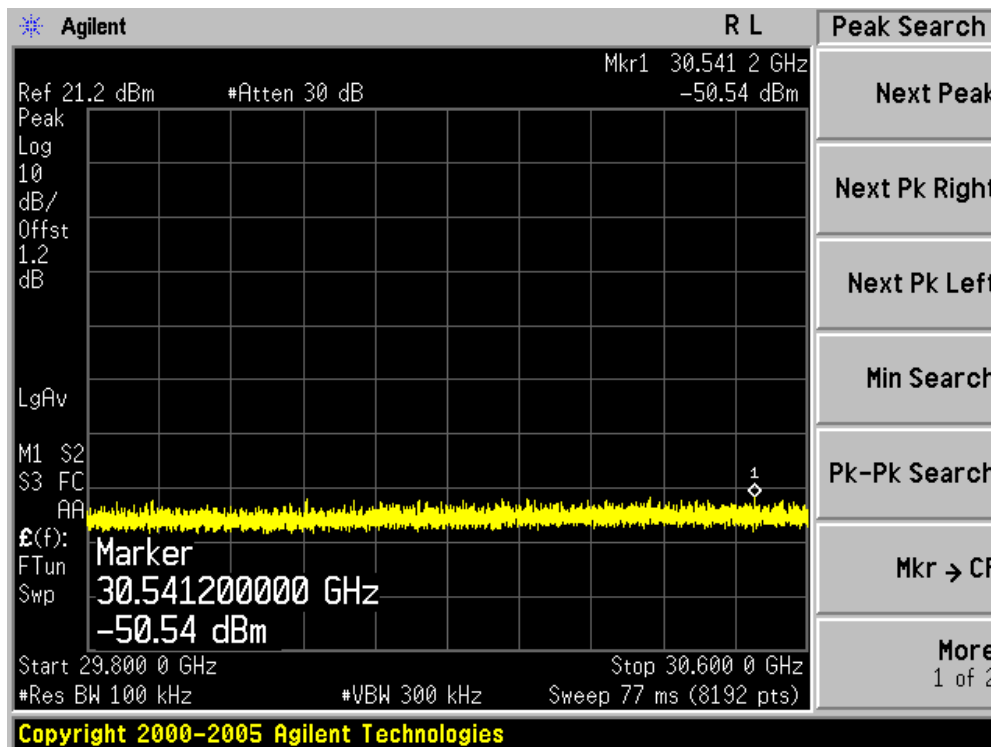
Channel 155 (5755MHz)-5



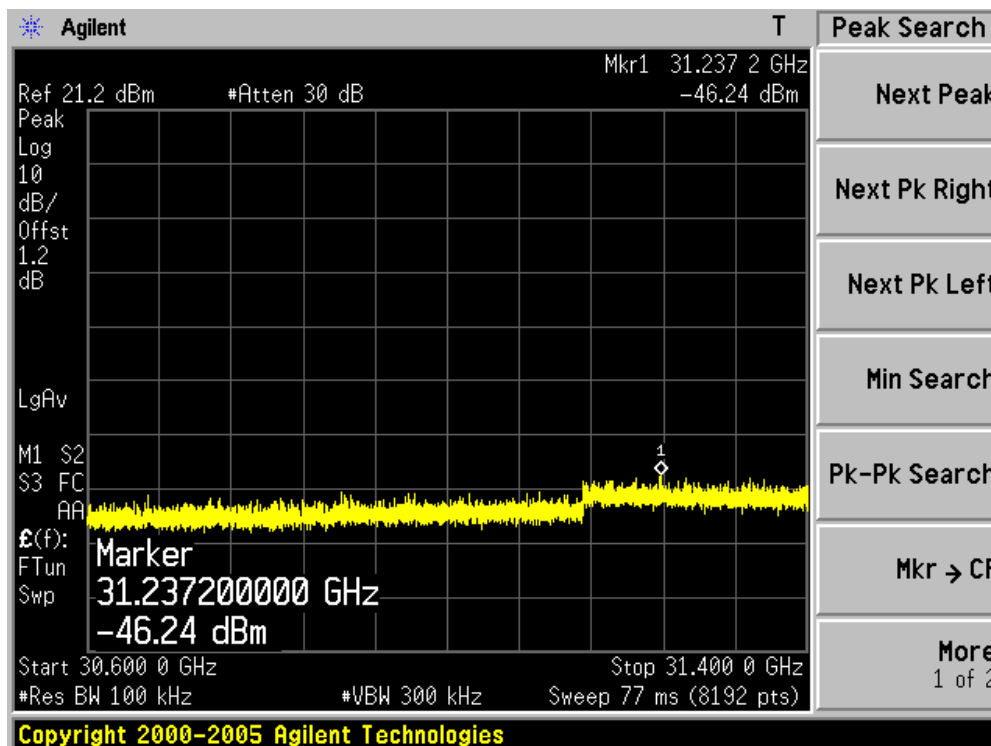
Channel 155 (5755MHz)-6



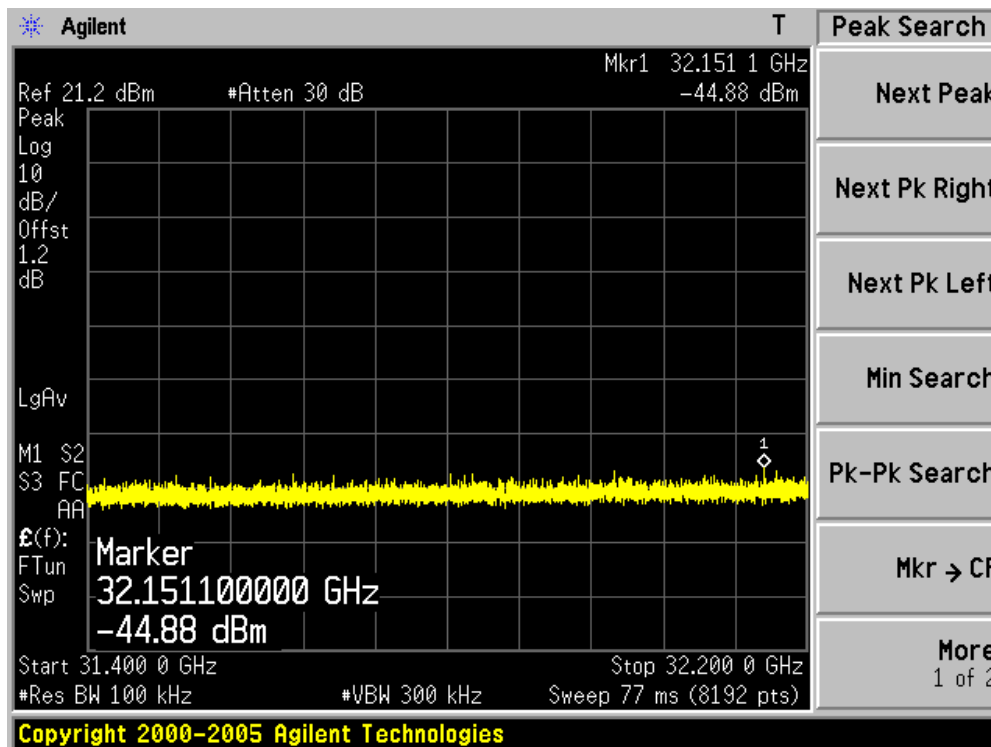
Channel 155 (5755MHz)-7



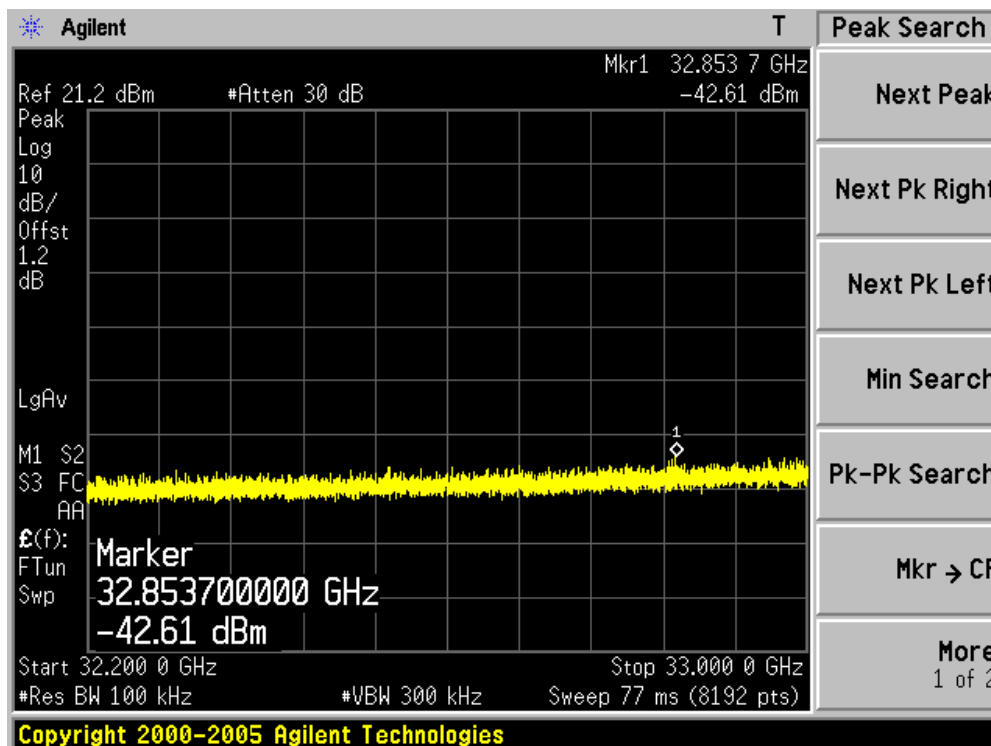
Channel 155 (5755MHz)-8



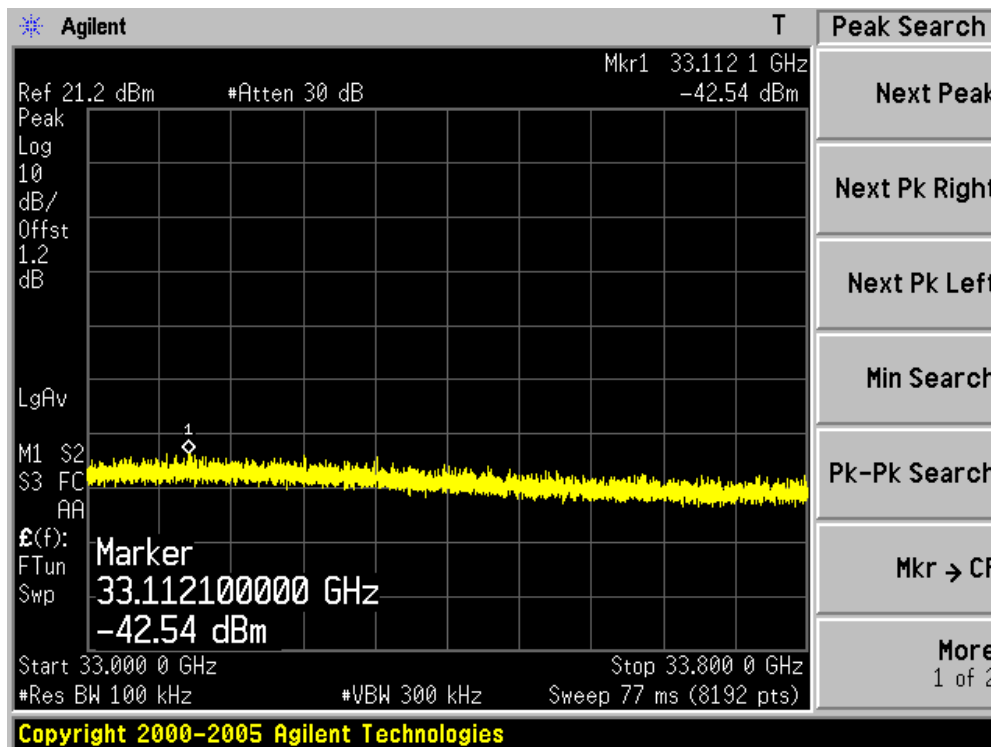
Channel 155 (5755MHz)-9



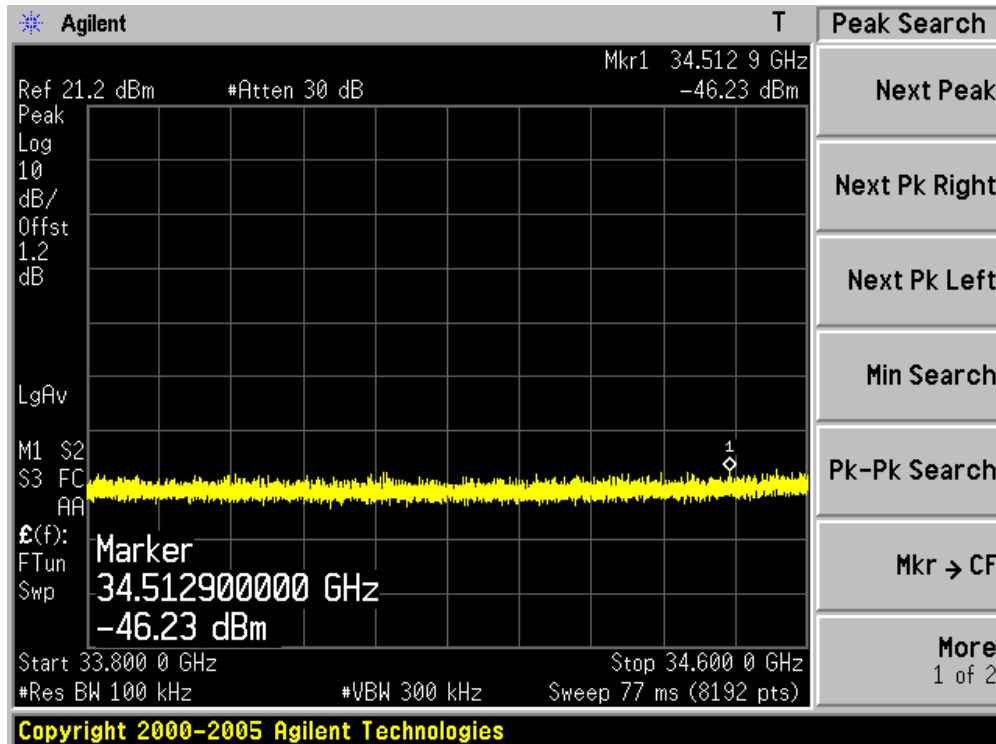
Channel 155 (5755MHz)-10



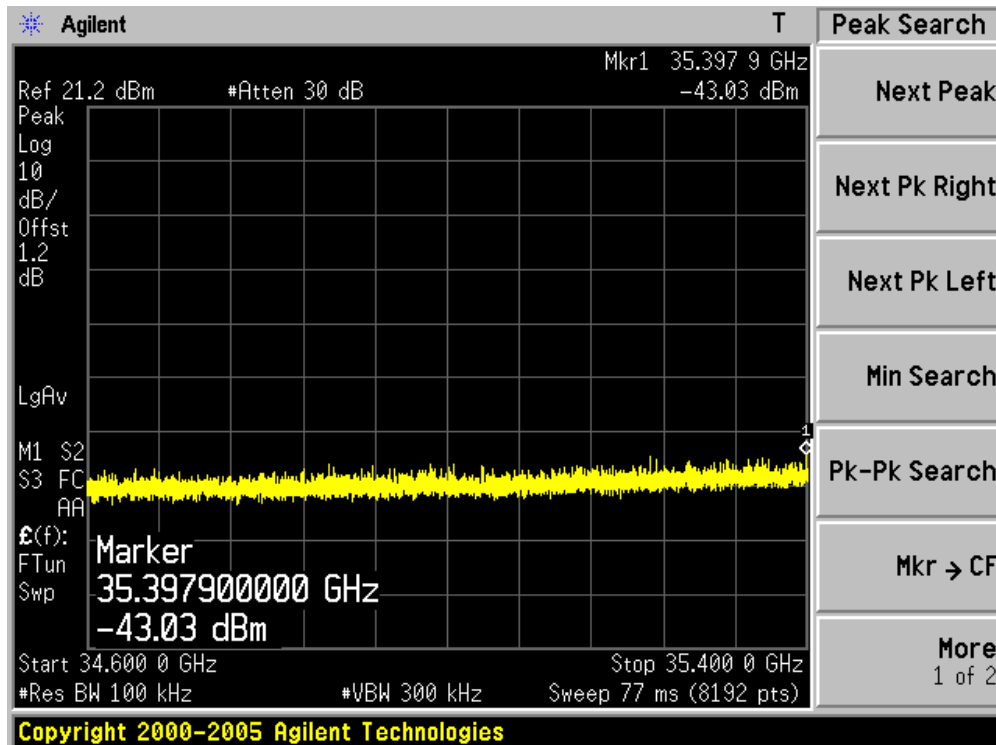
Channel 155 (5755MHz)-11



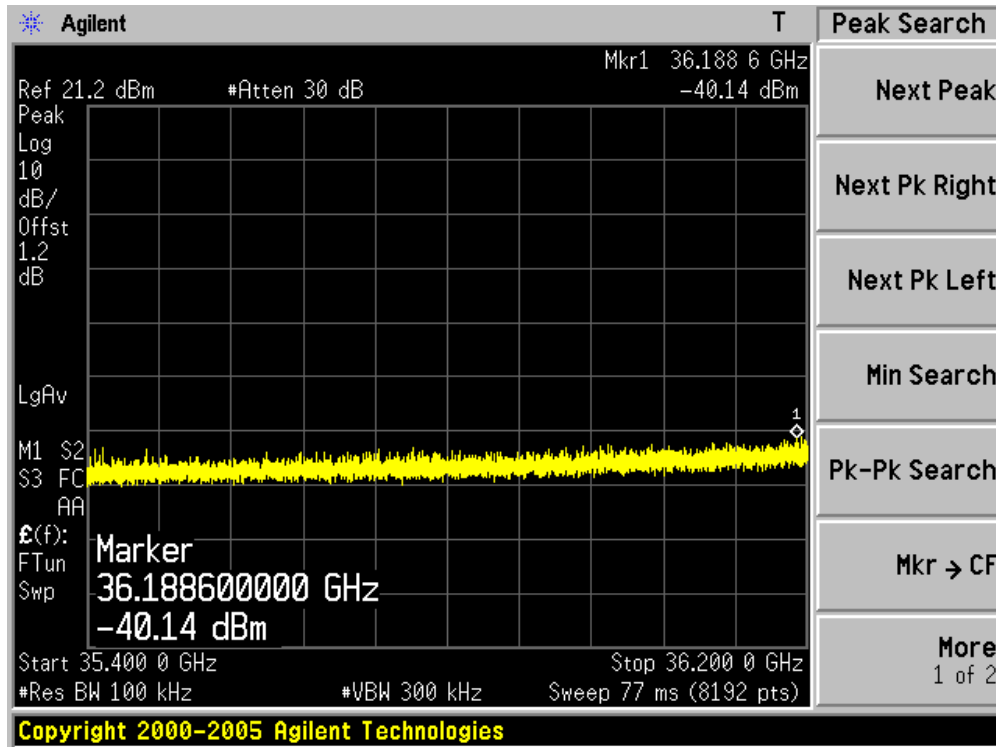
Channel 155 (5755MHz)-12



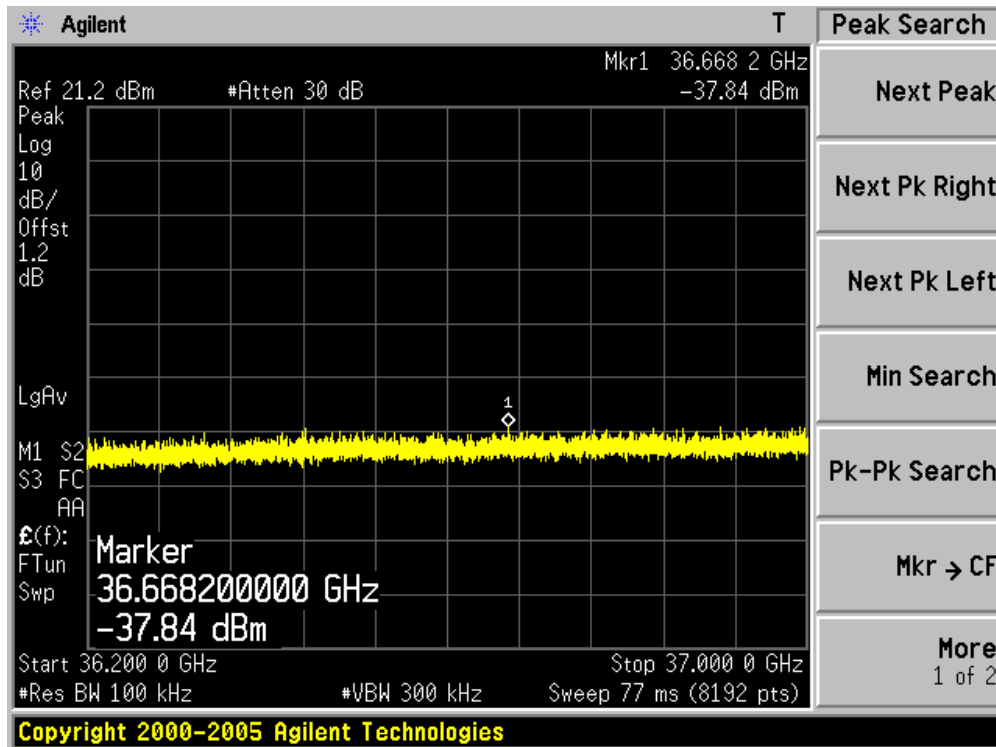
Channel 155 (5755MHz)-13



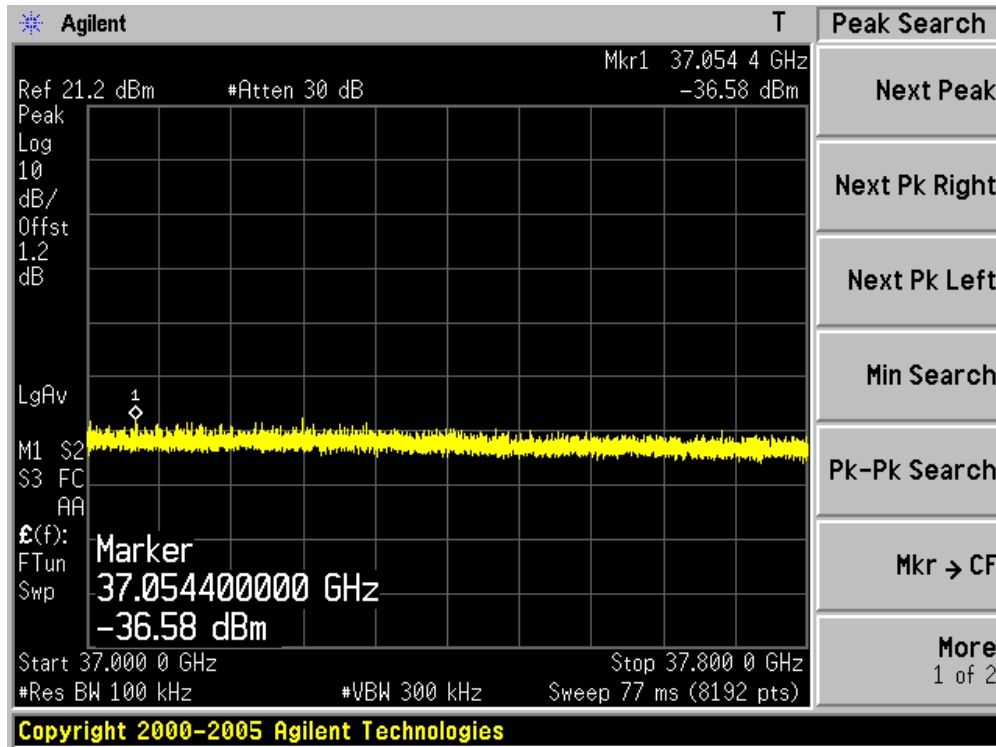
Channel 155 (5755MHz)-14



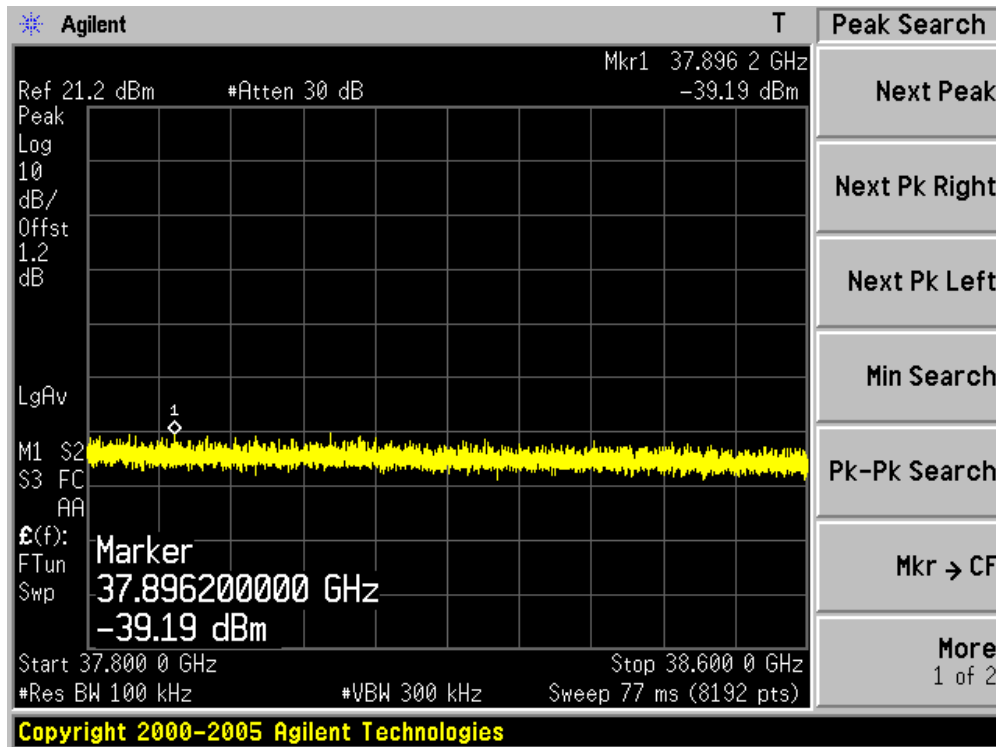
Channel 155 (5755MHz)-15



Channel 155 (5755MHz)-16

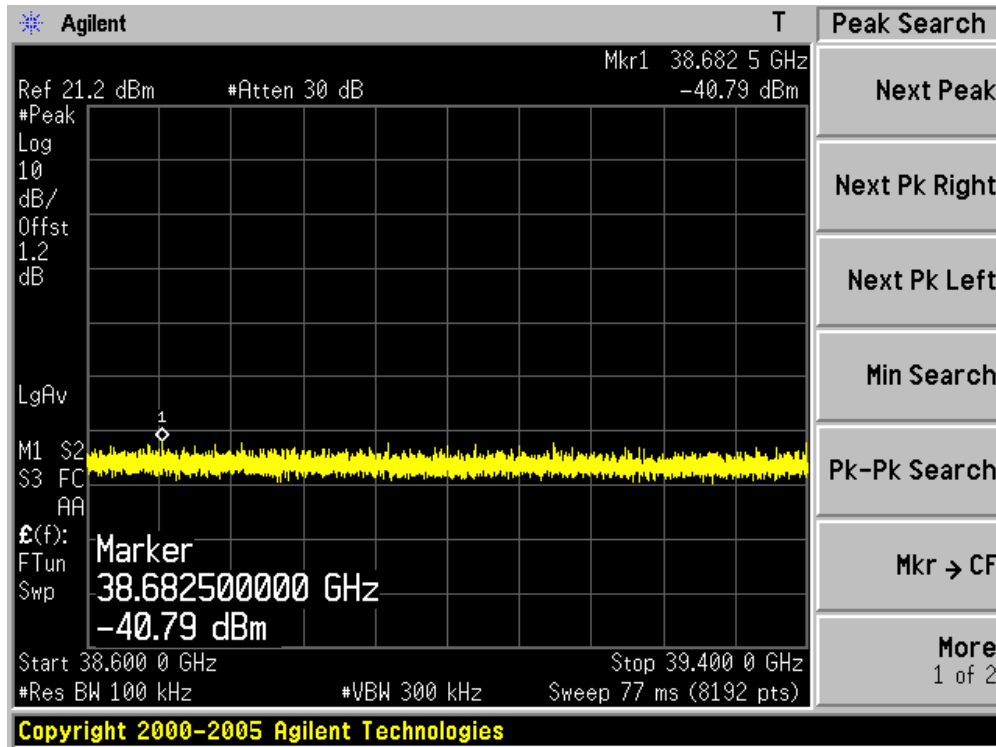


Channel 155 (5755MHz)-17

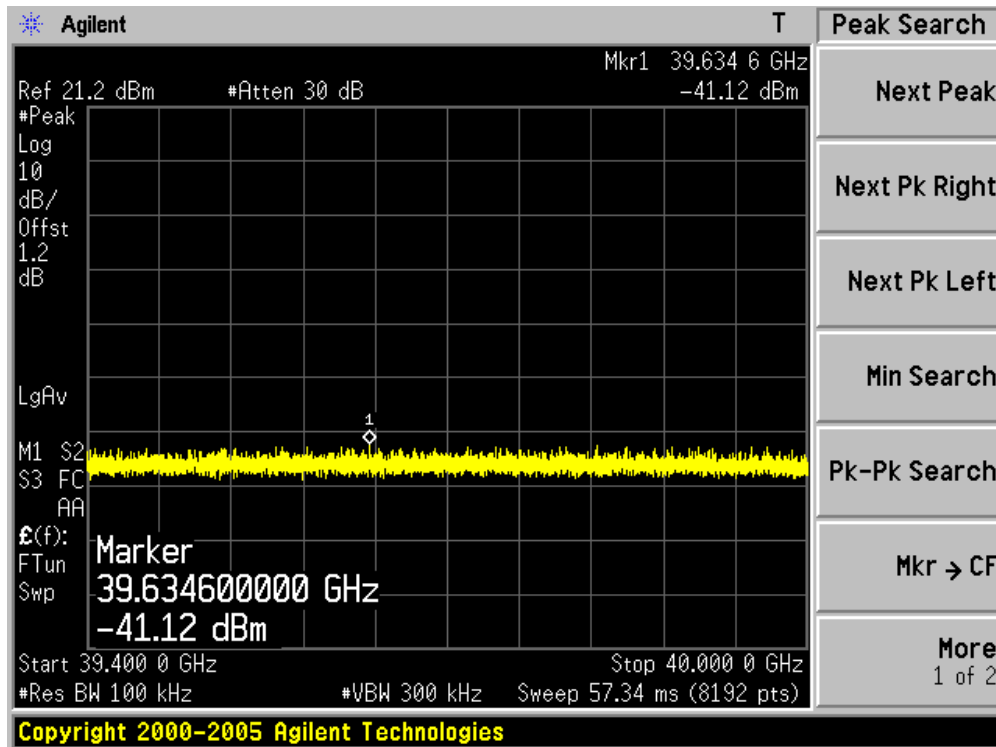




Channel 155 (5755MHz)-18

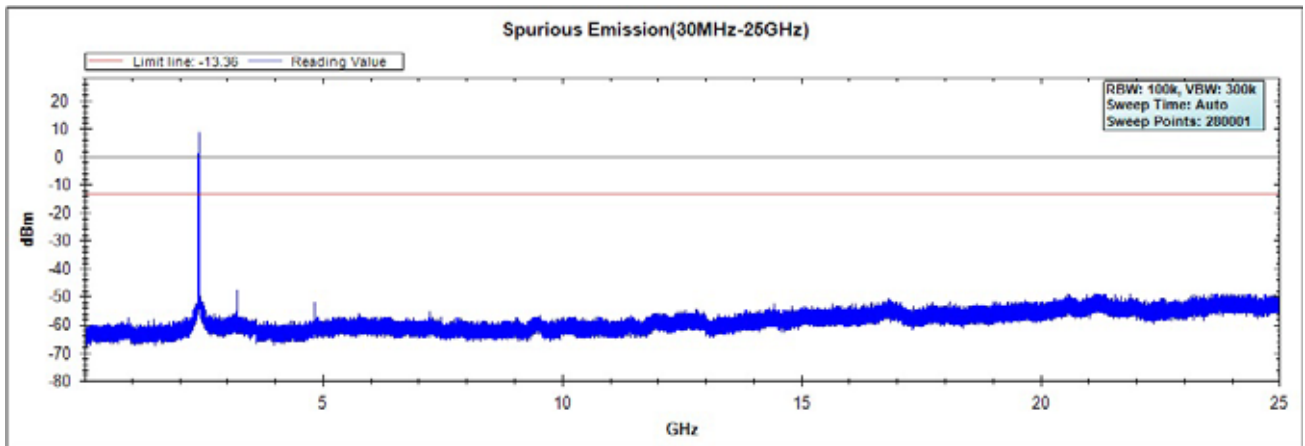


Channel 155 (5755MHz)-19

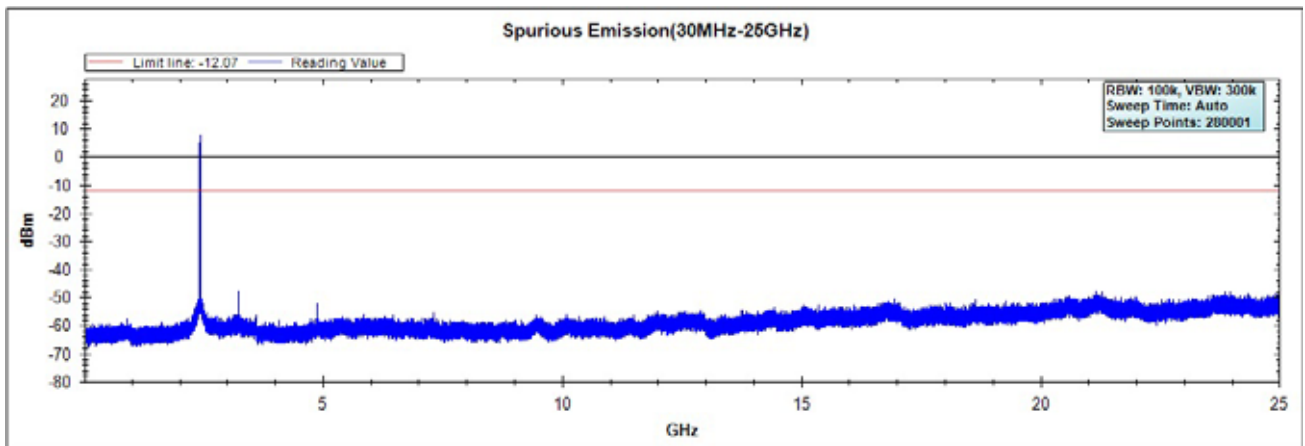


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 1)

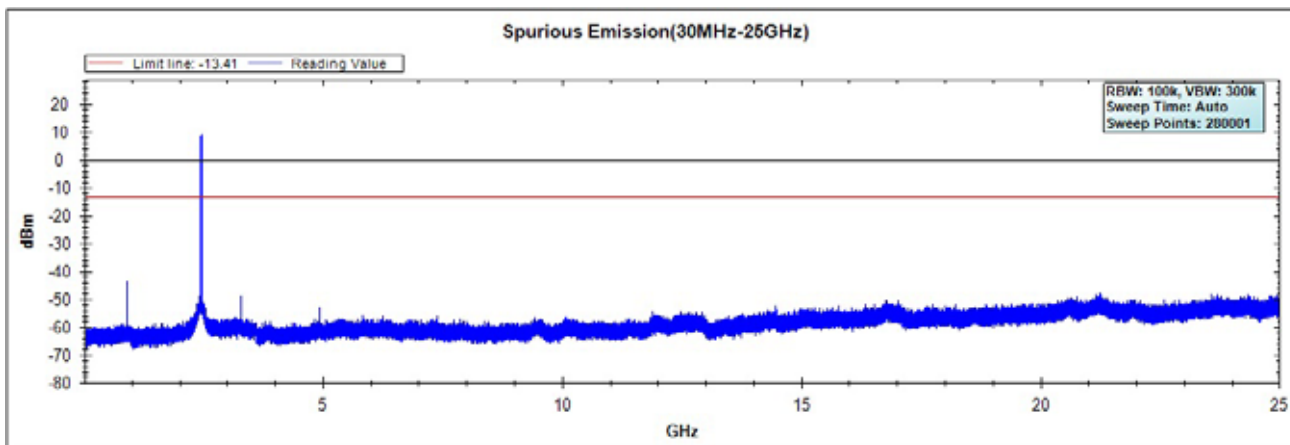
**Channel 01 (2412MHz)**



**Channel 06 (2437MHz)**

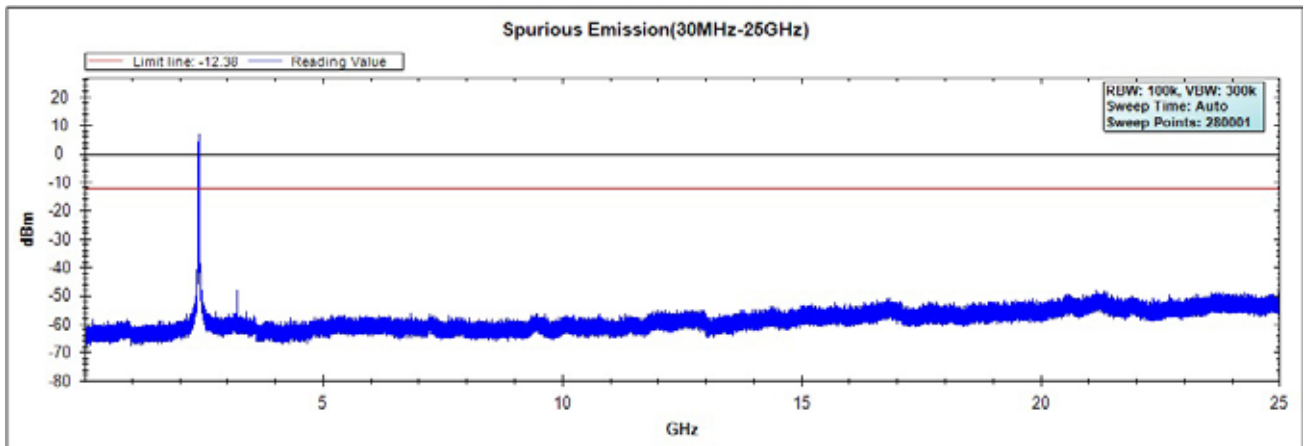


Channel 11 (2462MHz)

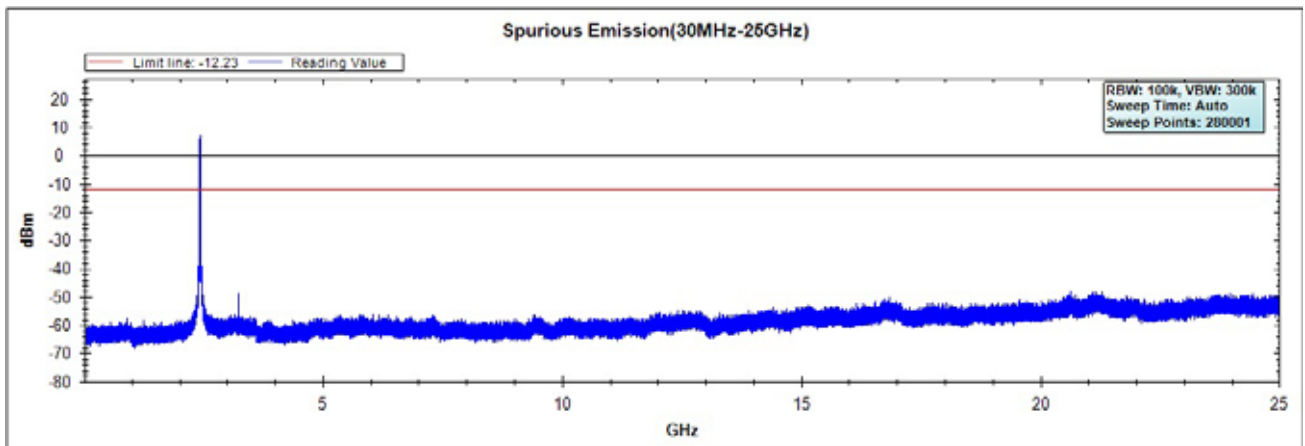


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 1)

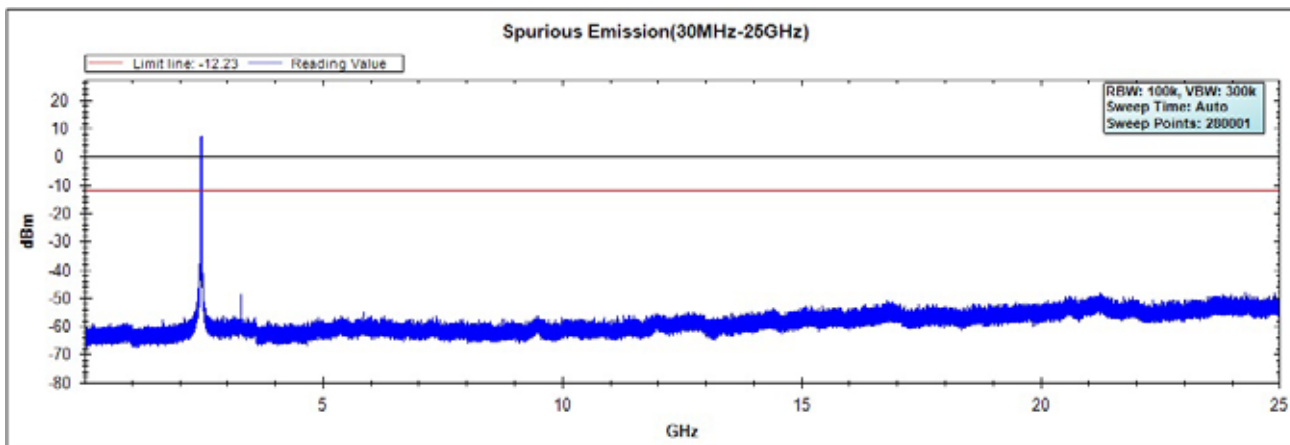
**Channel 01 (2412MHz)**



**Channel 06 (2437MHz)**

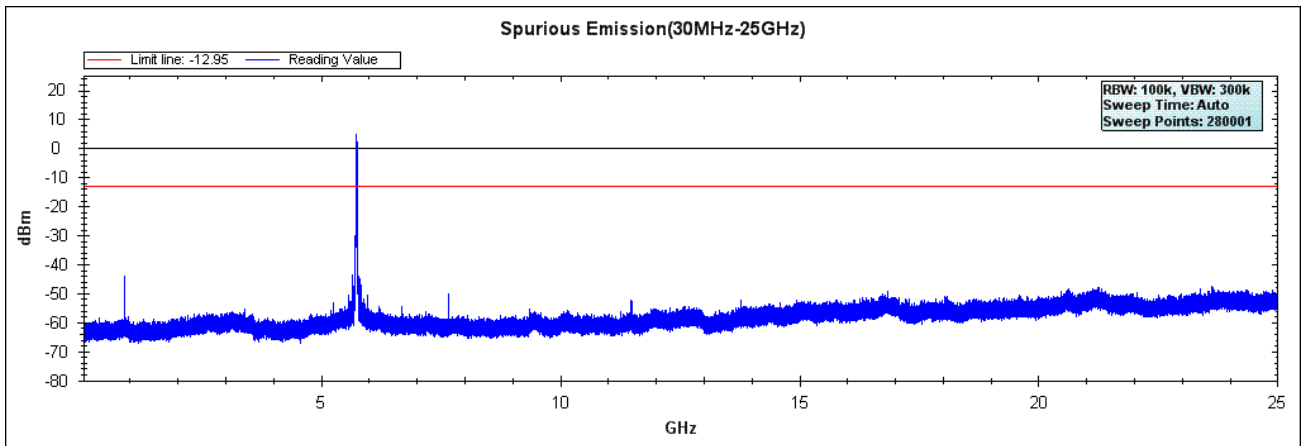


Channel 11 (2462MHz)

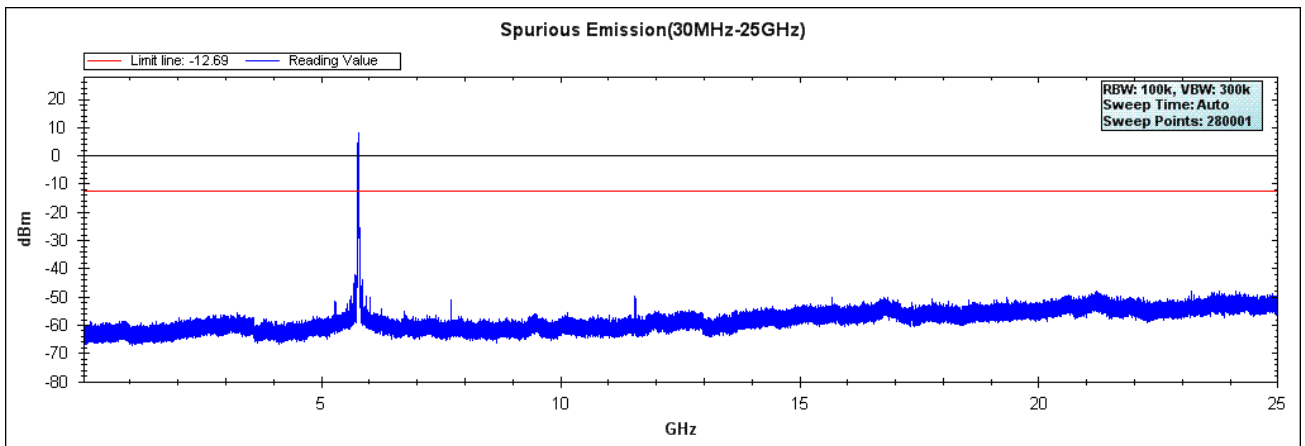


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 1)

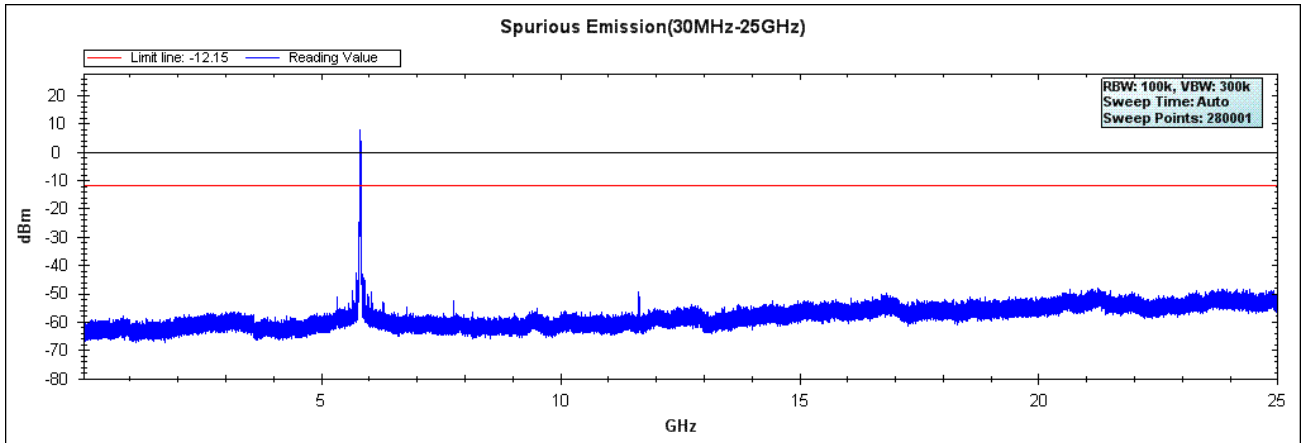
**Channel 149 (5745MHz)**



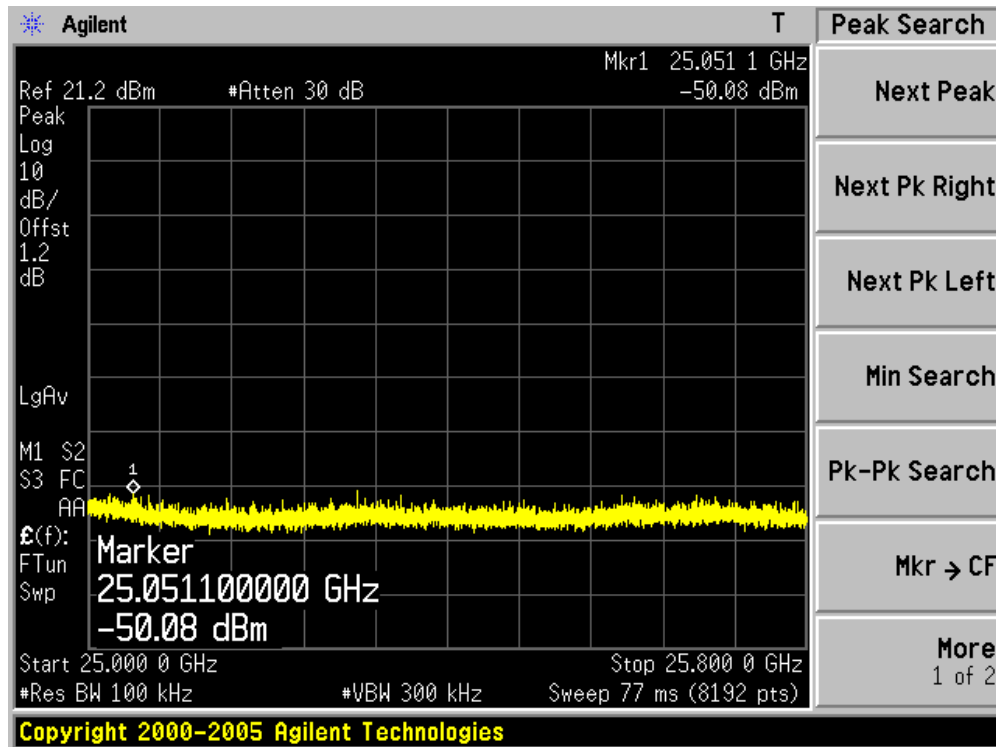
**Channel 157 (5785MHz)**



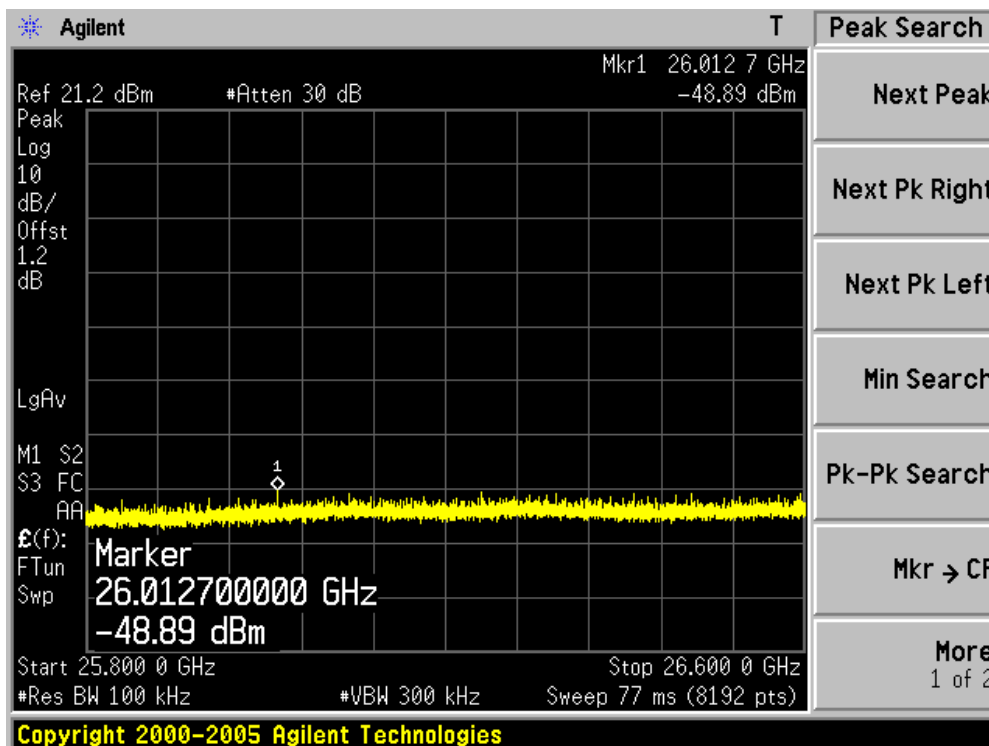
Channel 165 (5825MHz)



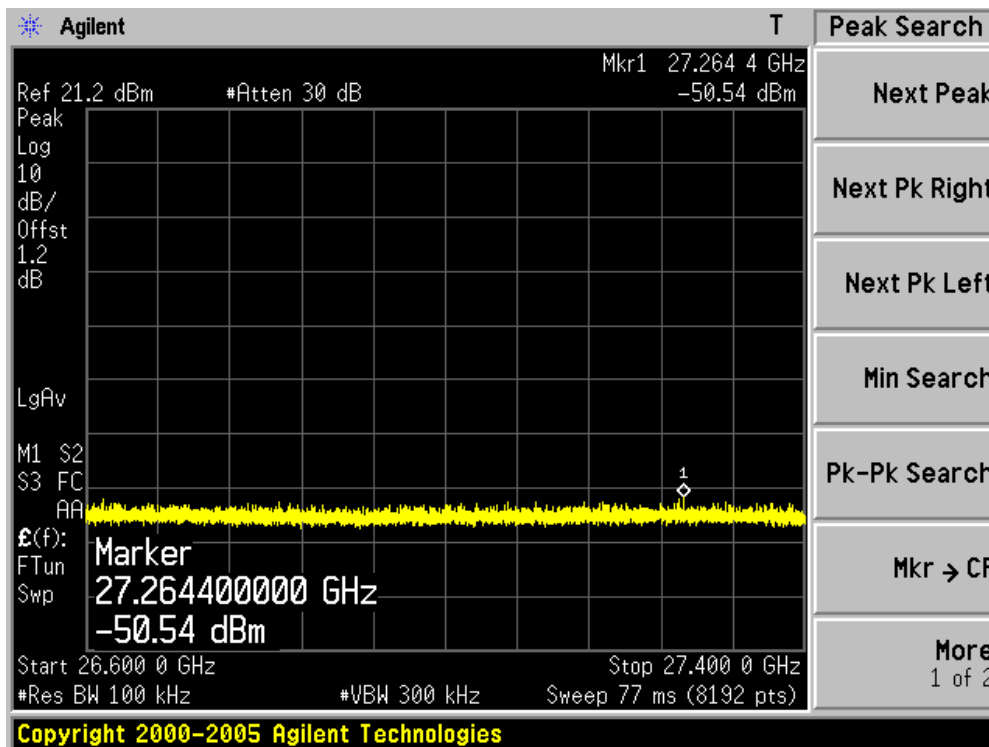
Channel 149 (5745MHz)-1



Channel 149 (5745MHz)-2

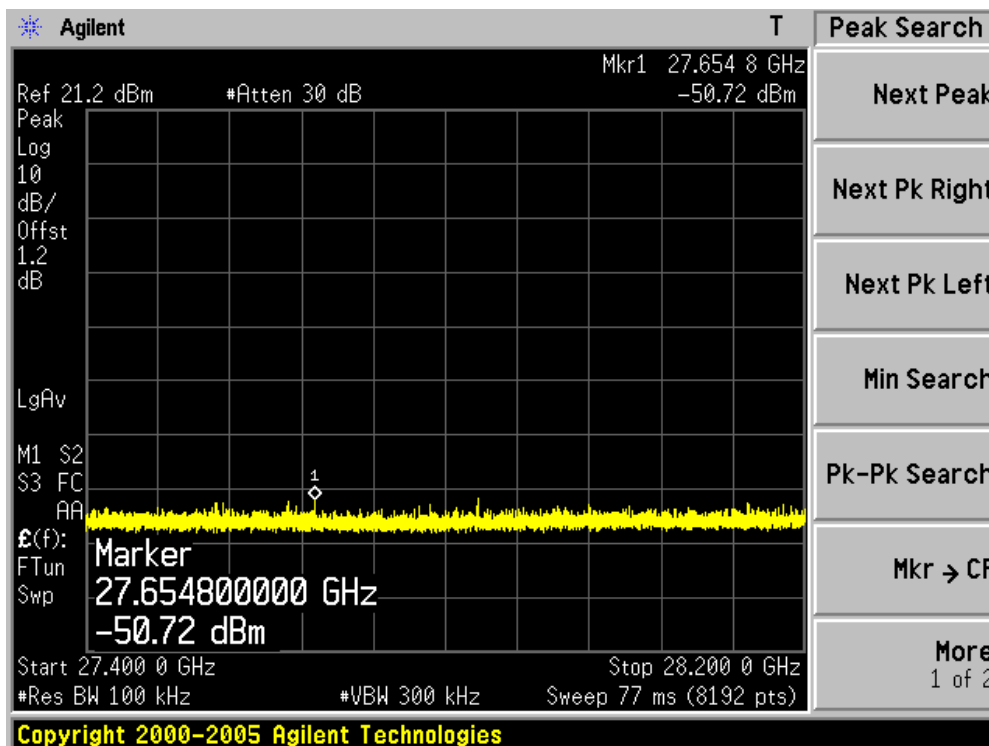


Channel 149 (5745MHz)-3

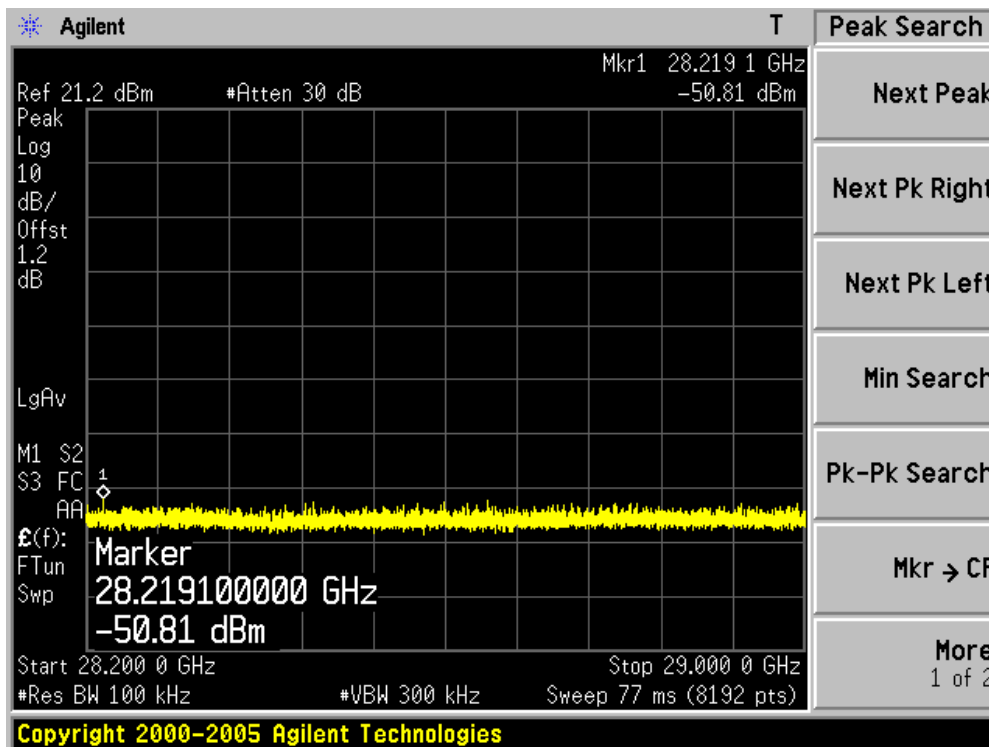




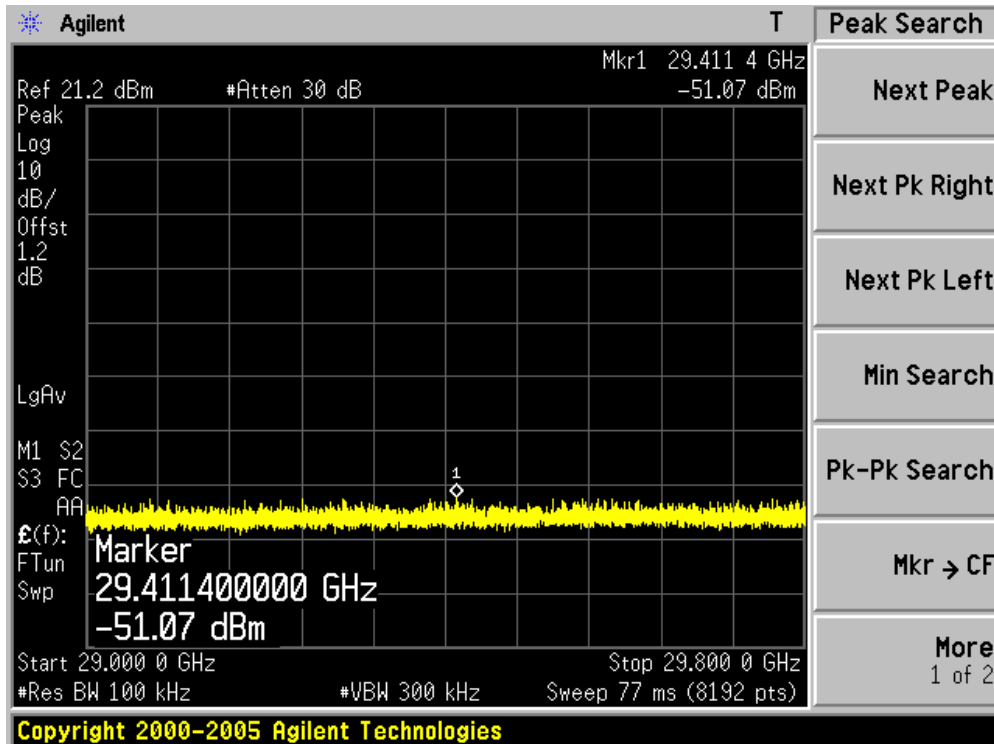
Channel 149 (5745MHz)-4



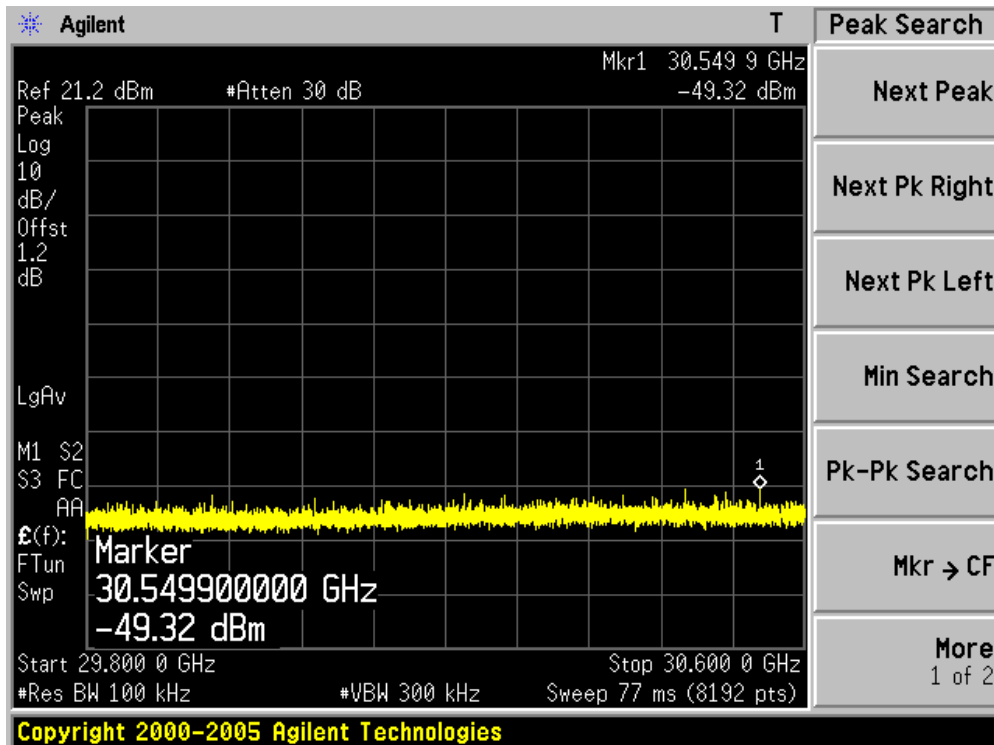
Channel 149 (5745MHz)-5



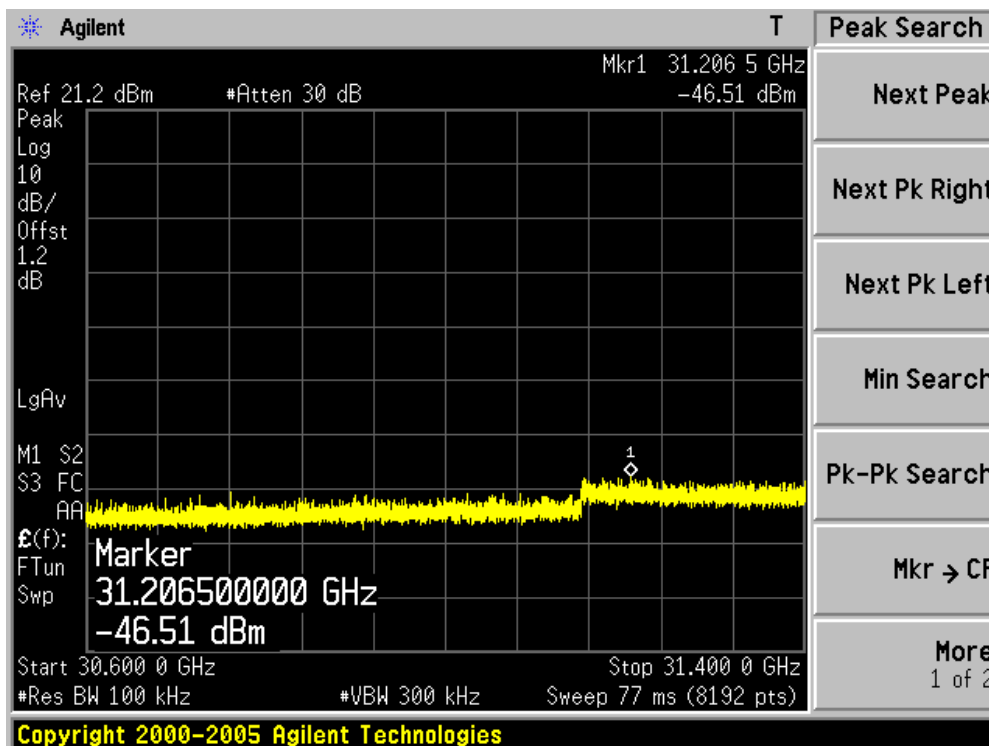
Channel 149 (5745MHz)-6



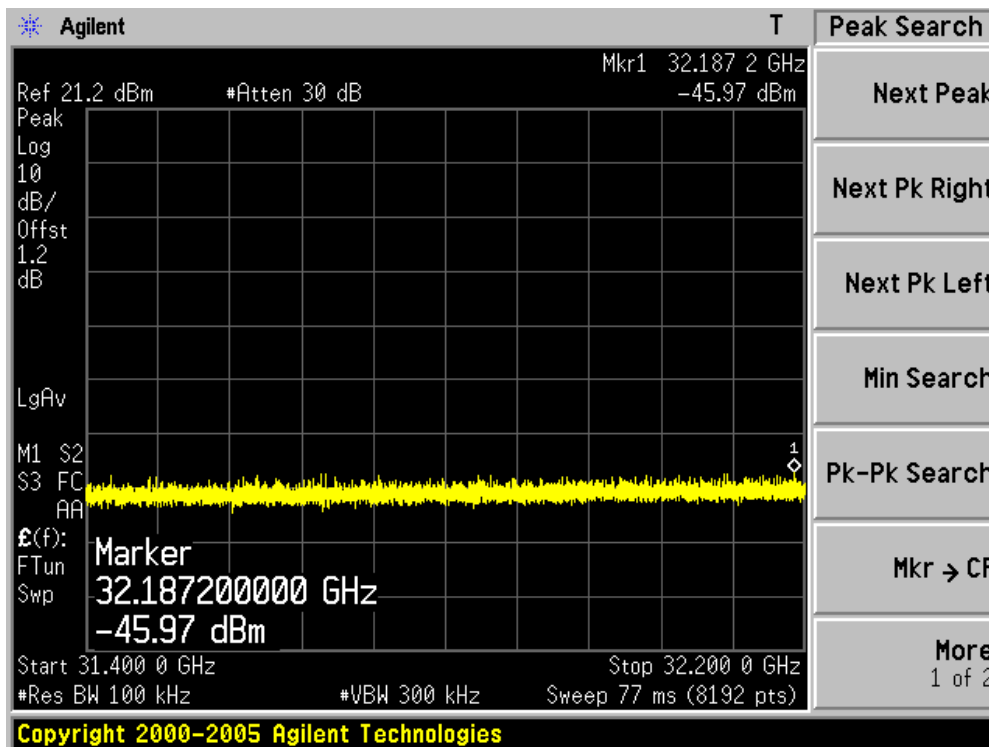
Channel 149 (5745MHz)-7



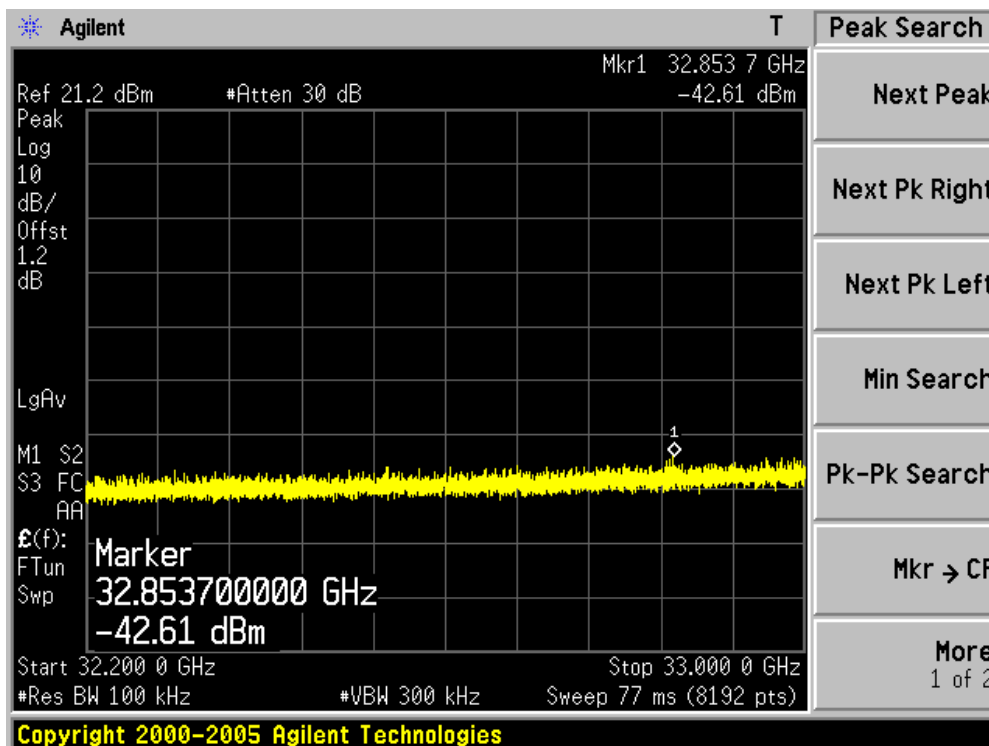
Channel 149 (5745MHz)-8



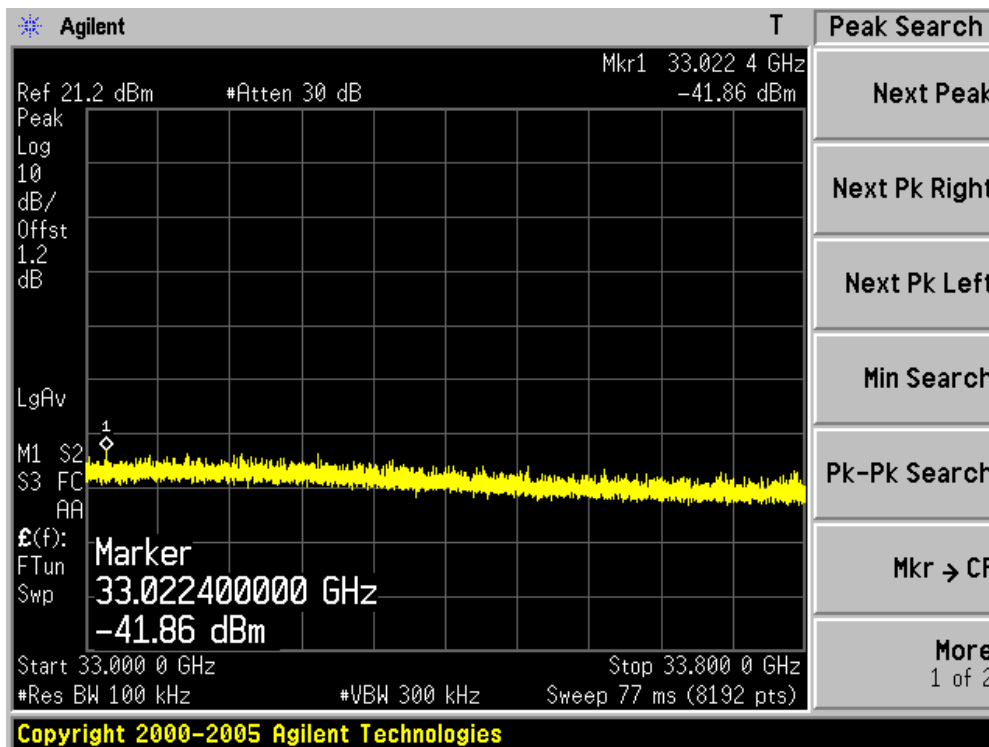
Channel 149 (5745MHz)-9



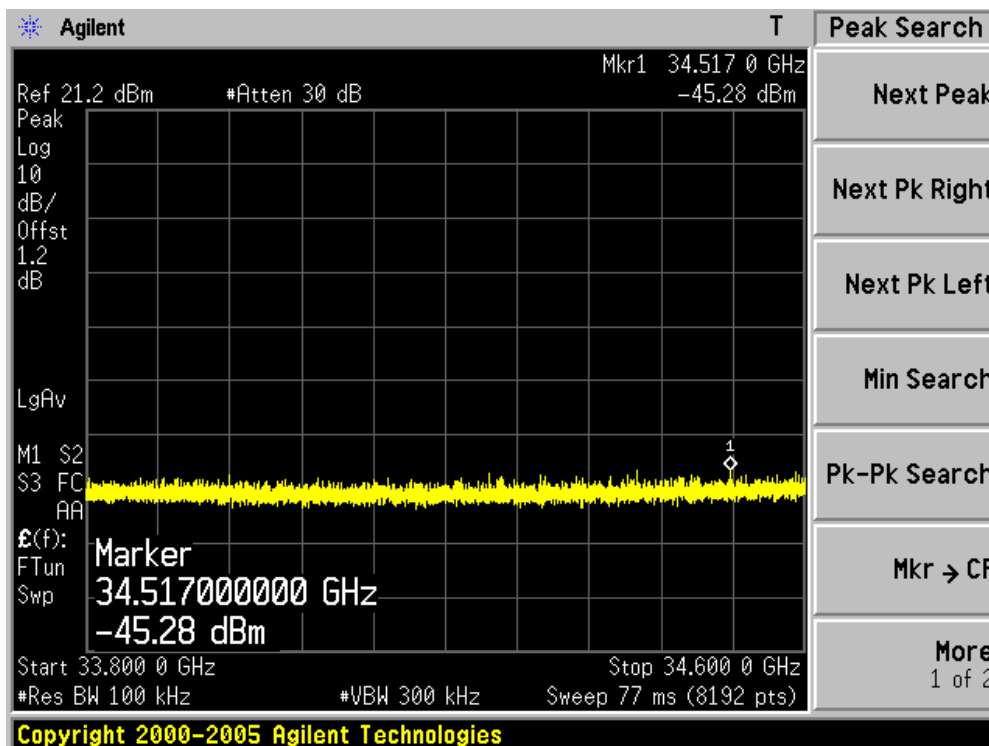
Channel 149 (5745MHz)-10



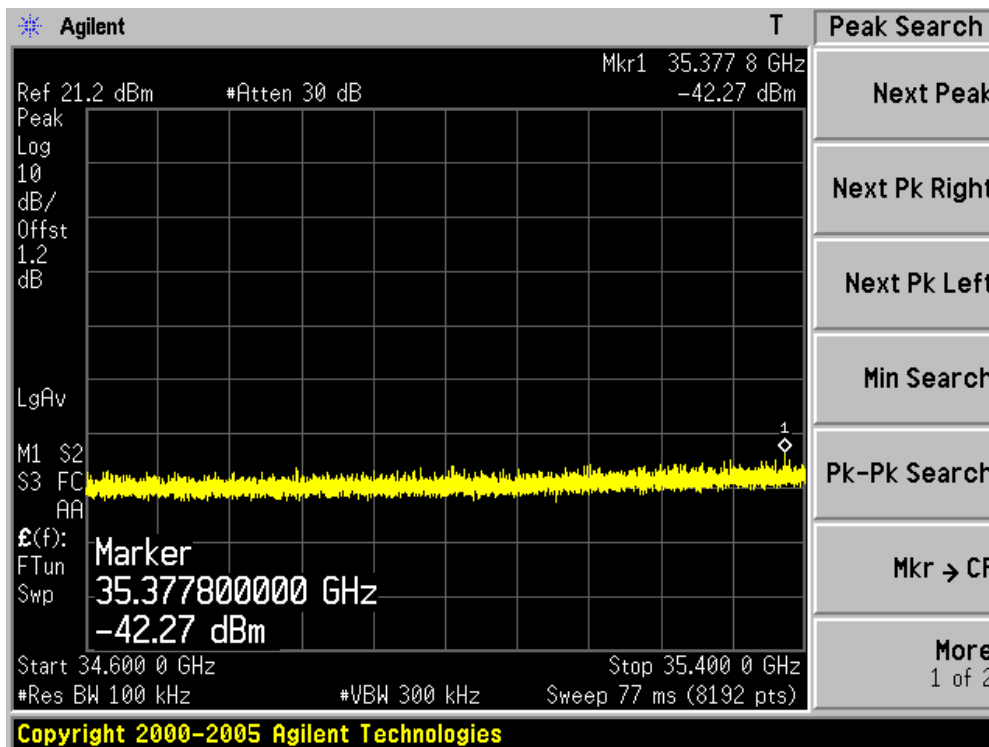
Channel 149 (5745MHz)-11



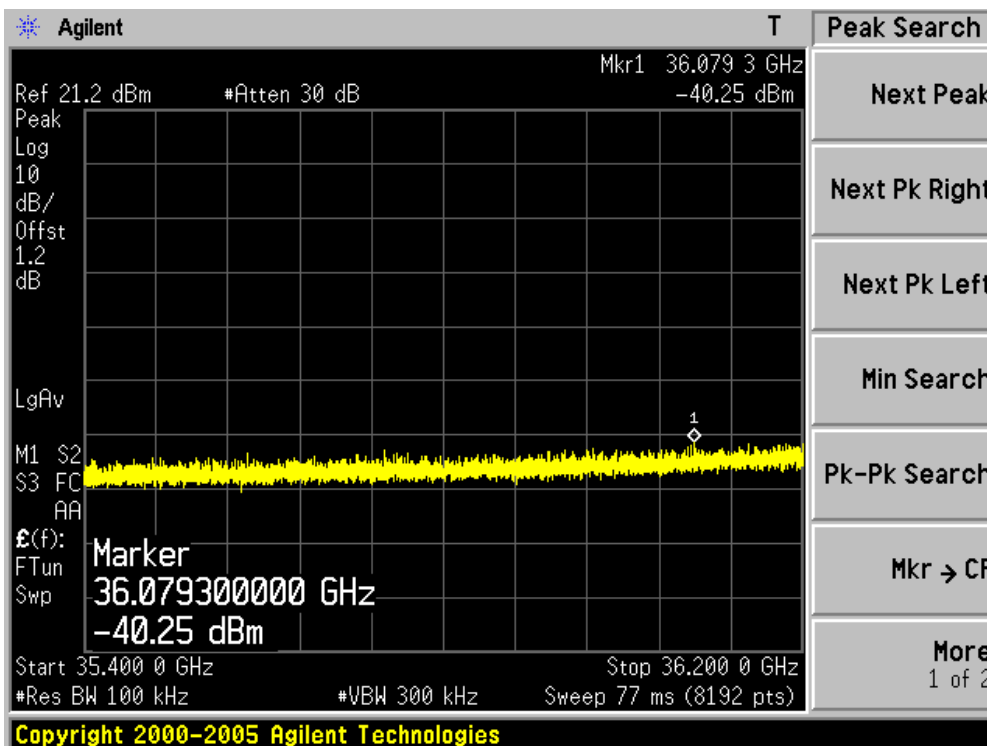
Channel 149 (5745MHz)-12



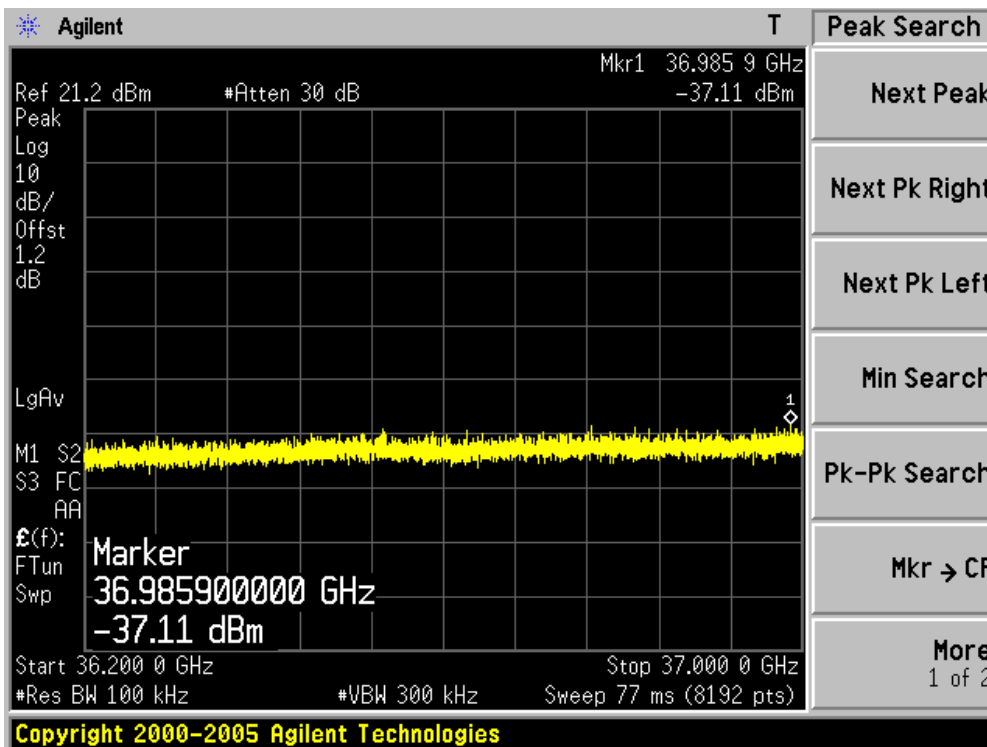
Channel 149 (5745MHz)-13



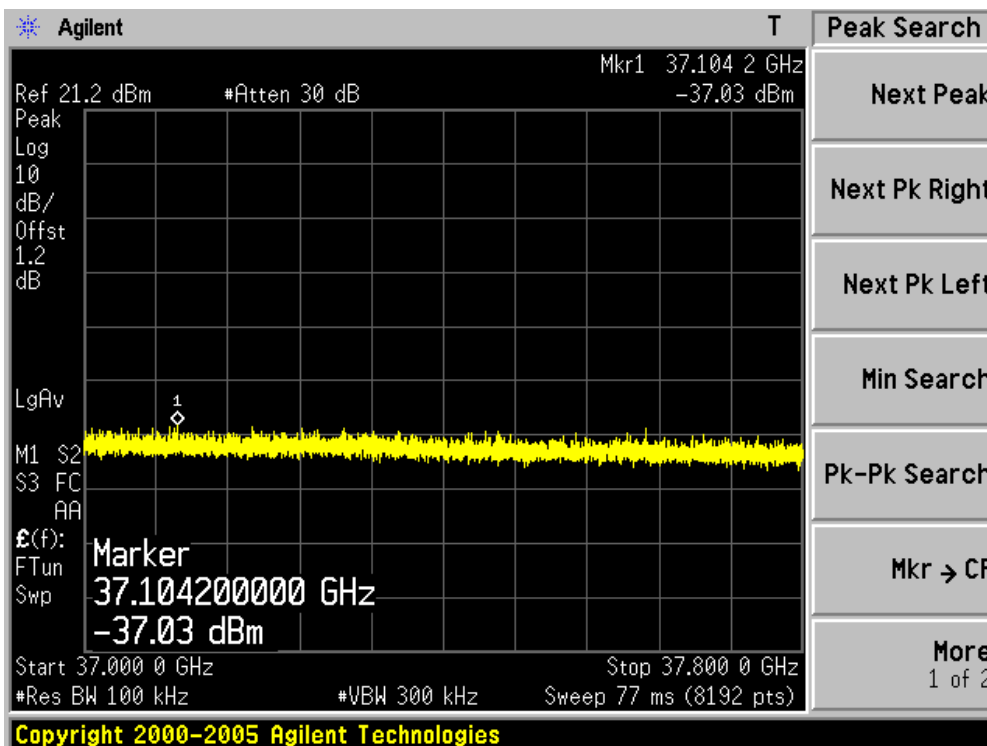
Channel 149 (5745MHz)-14



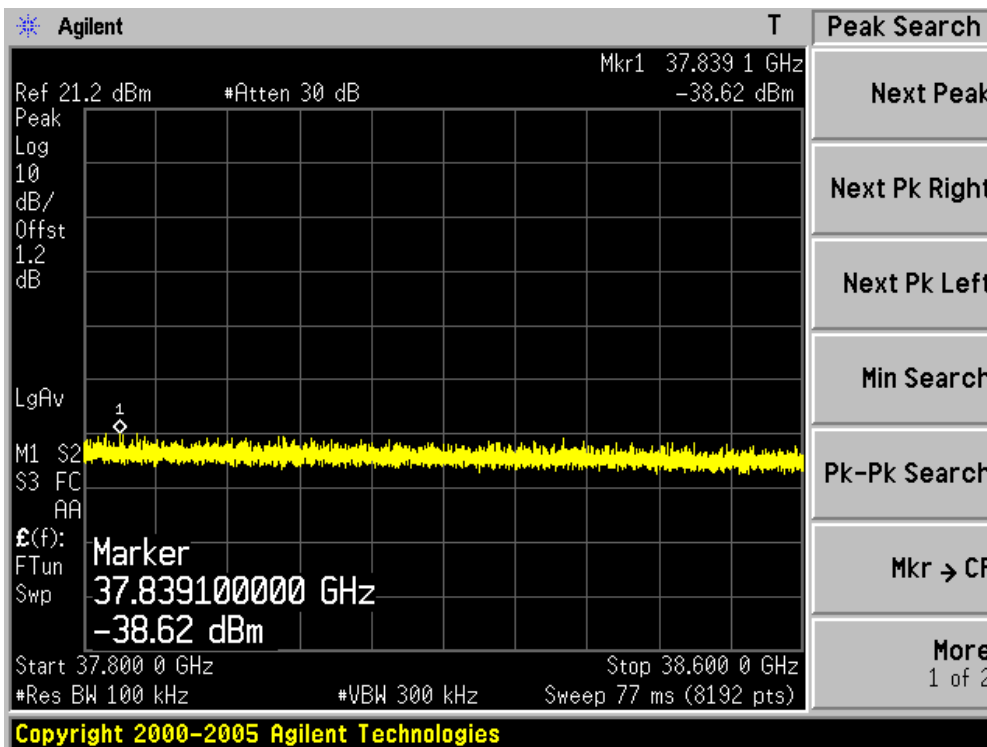
Channel 149 (5745MHz)-15



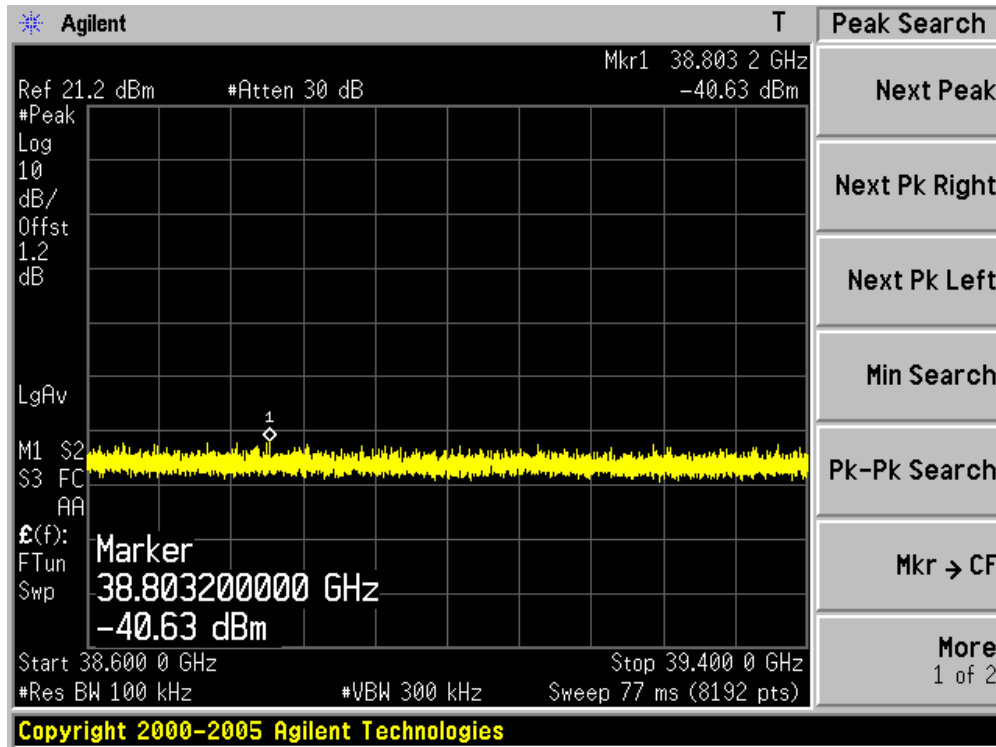
Channel 149 (5745MHz)-16



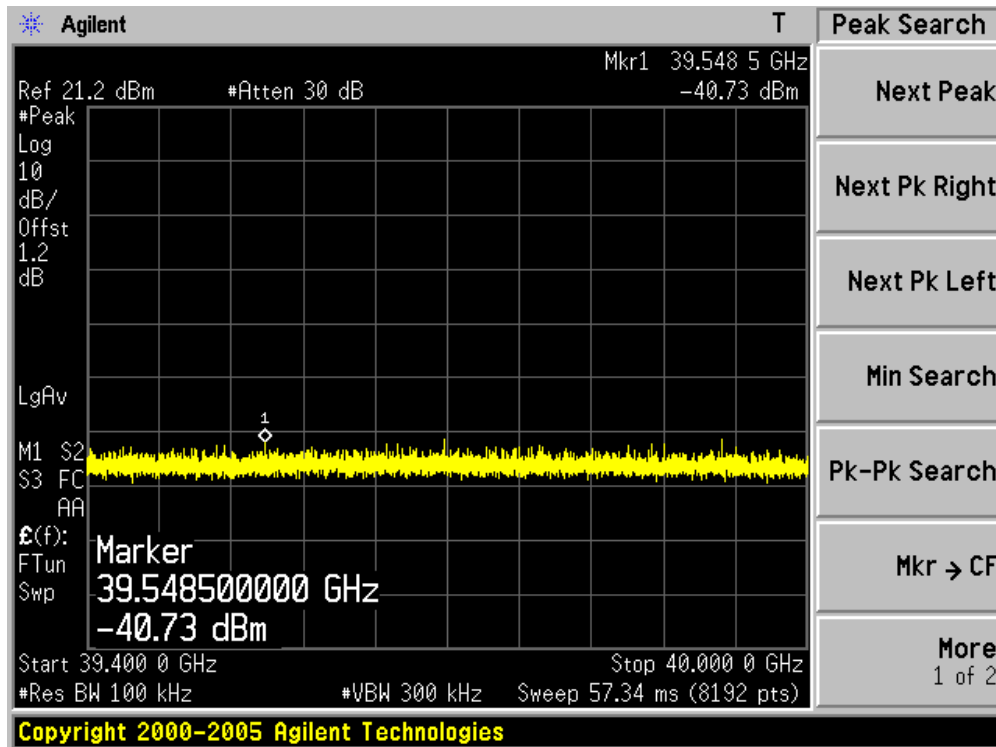
Channel 149 (5745MHz)-17



Channel 149 (5745MHz)-18

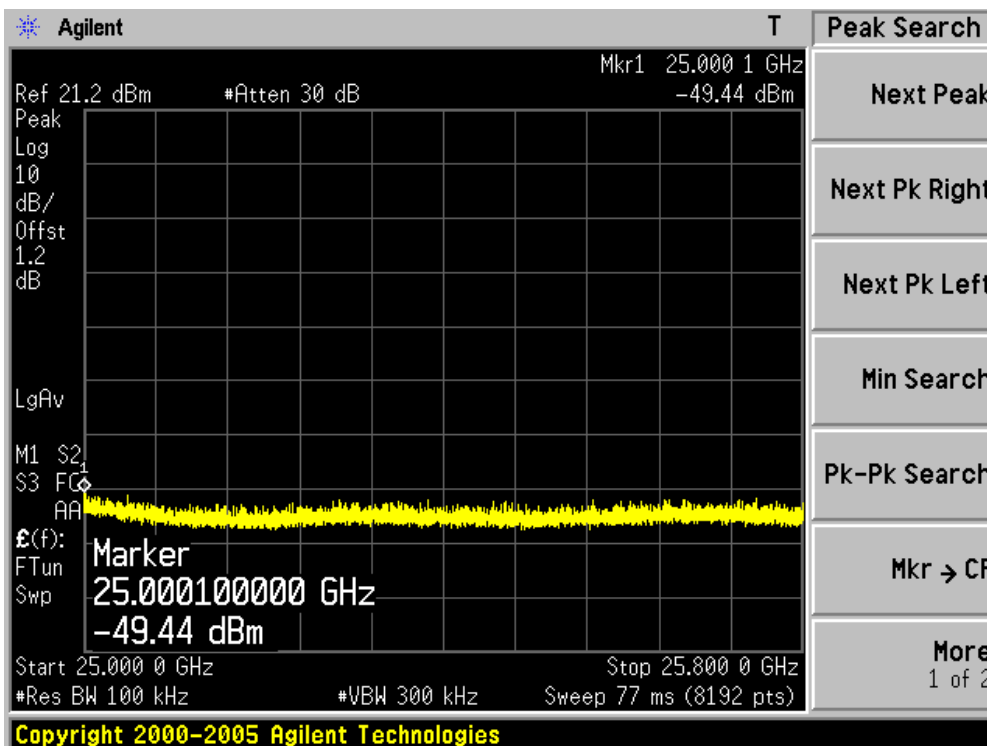


Channel 149 (5745MHz)-19

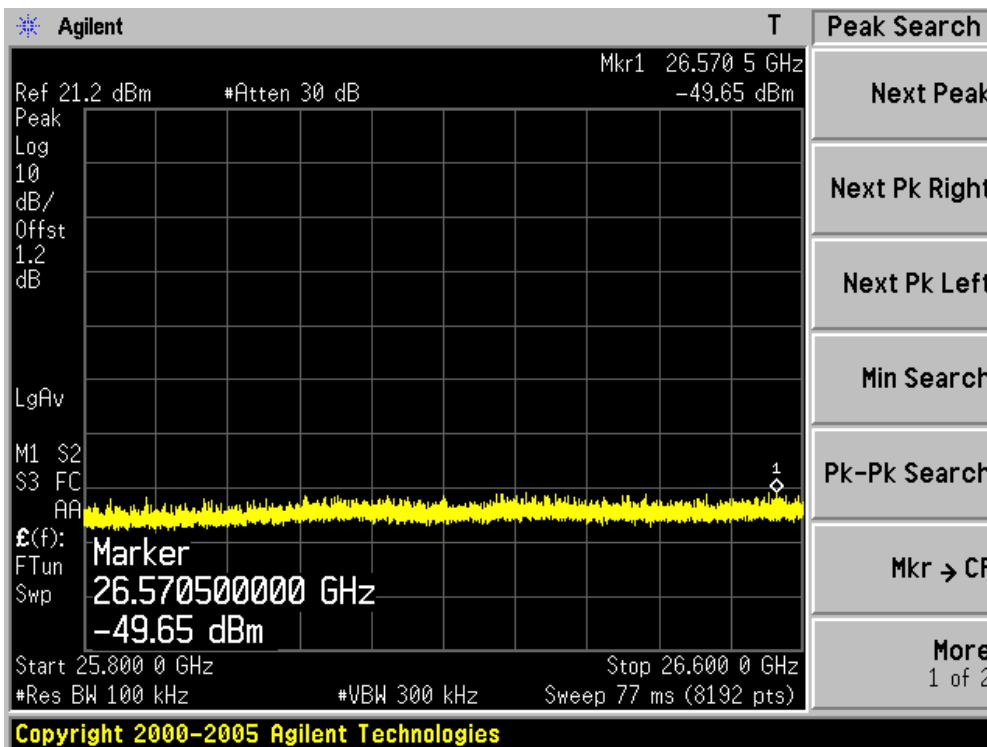




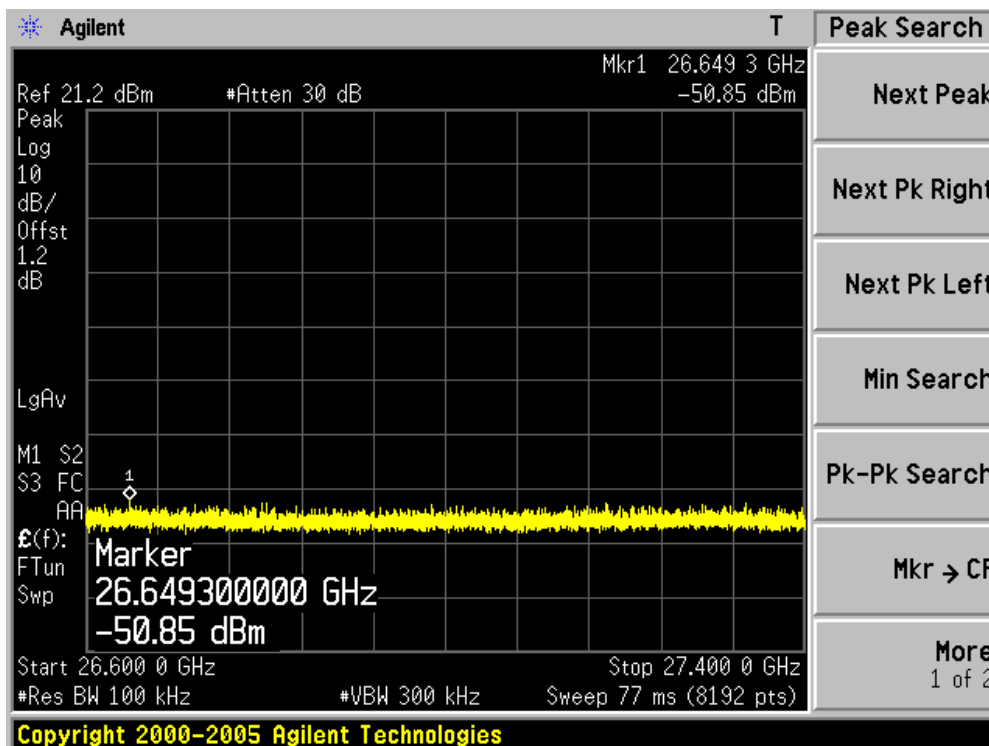
Channel 157 (5785MHz)-1



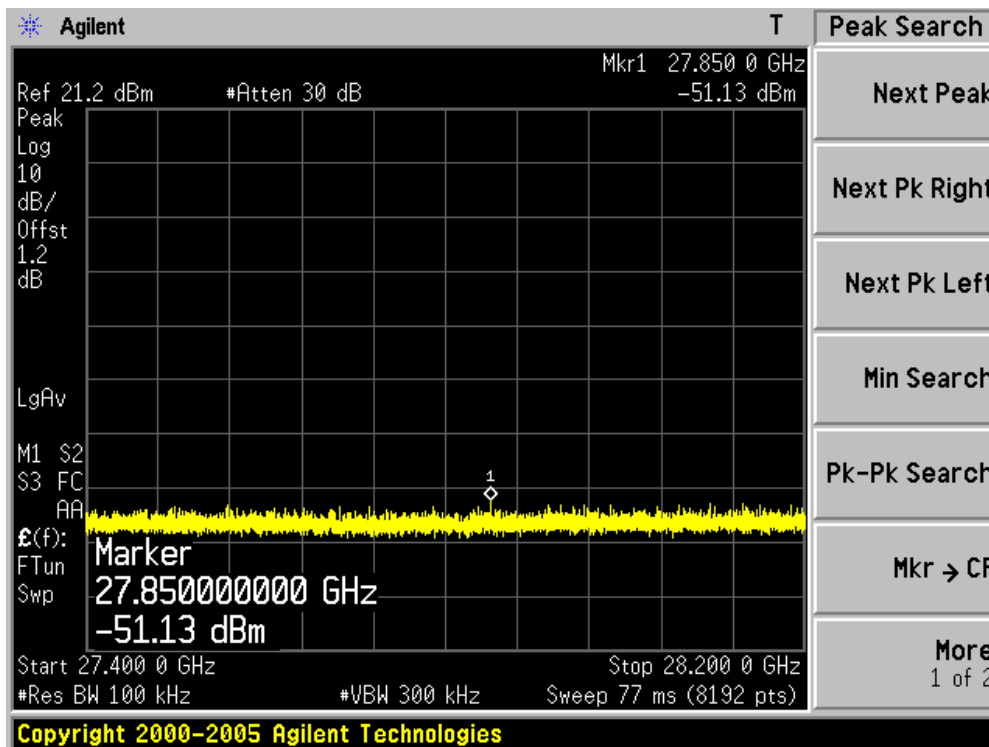
Channel 157 (5785MHz)-2



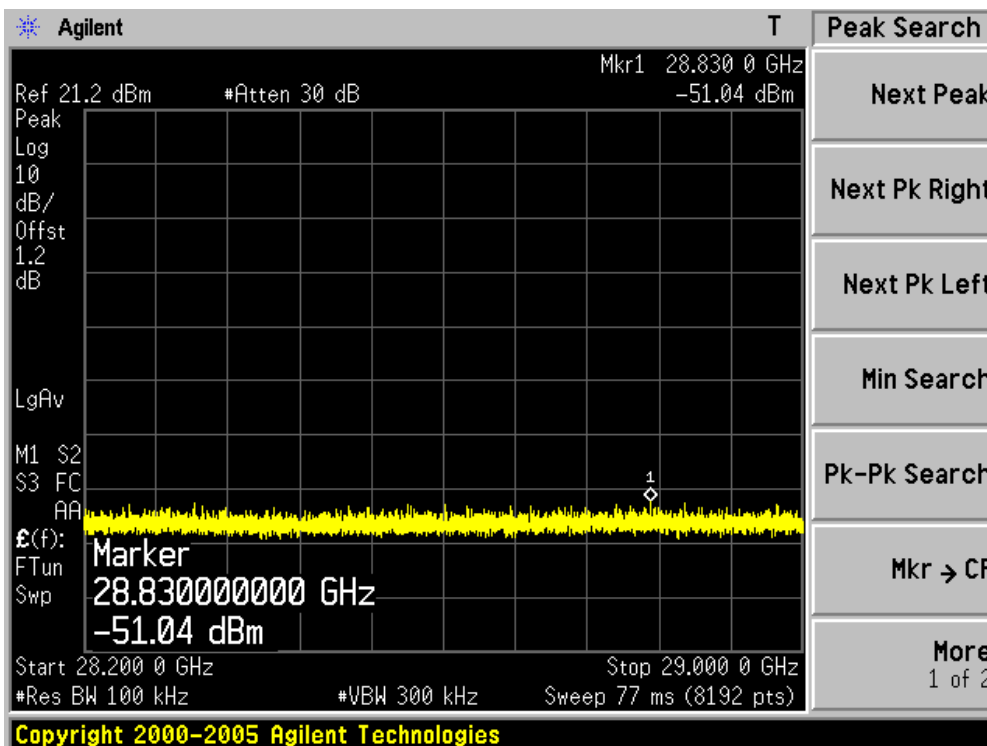
Channel 157 (5785MHz)-3



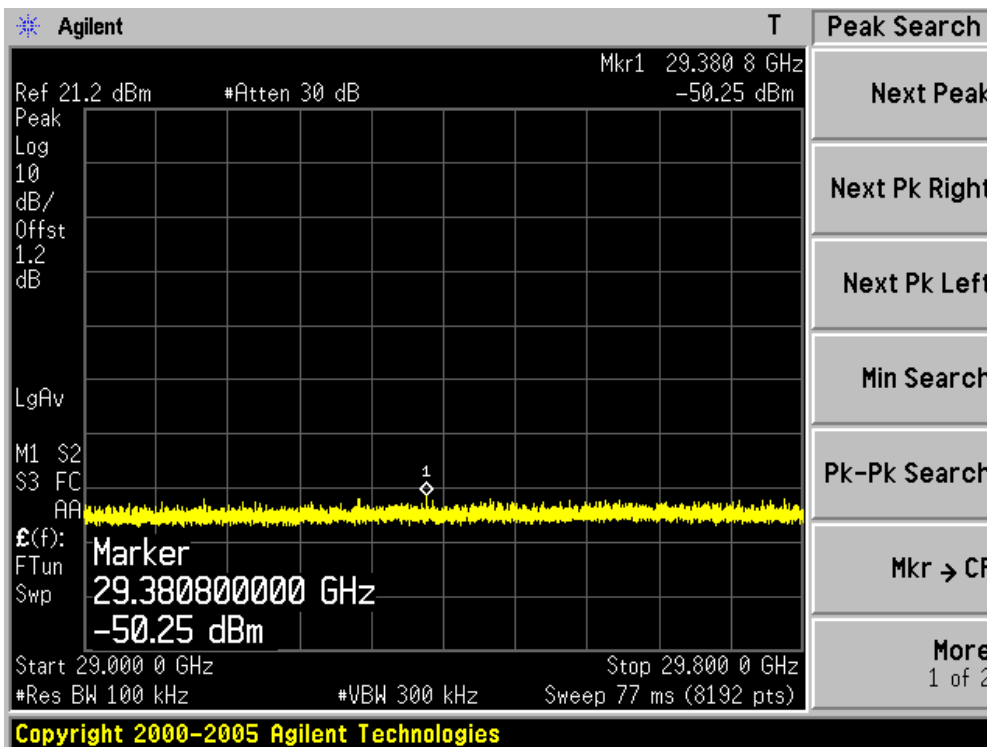
Channel 157 (5785MHz)-4



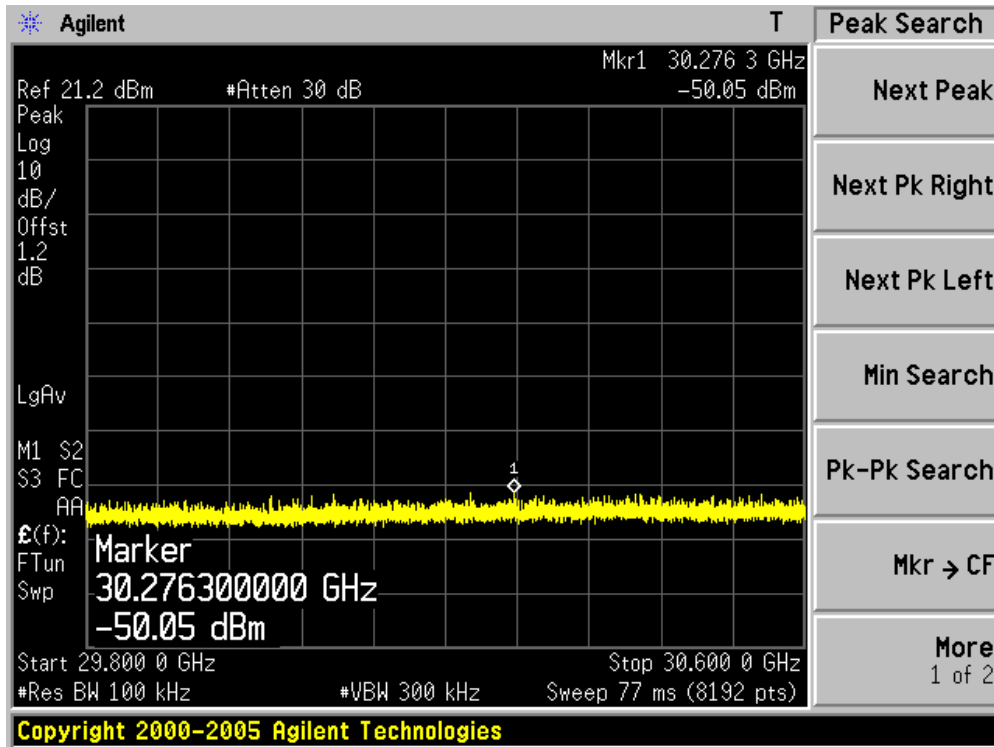
Channel 157 (5785MHz)-5



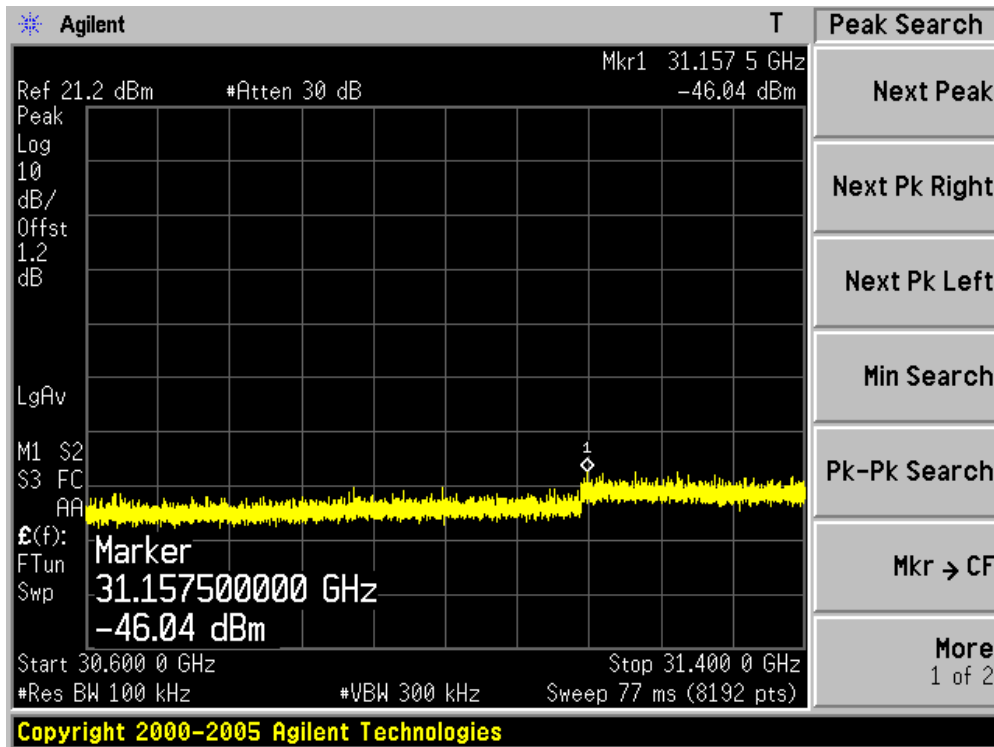
Channel 157 (5785MHz)-6



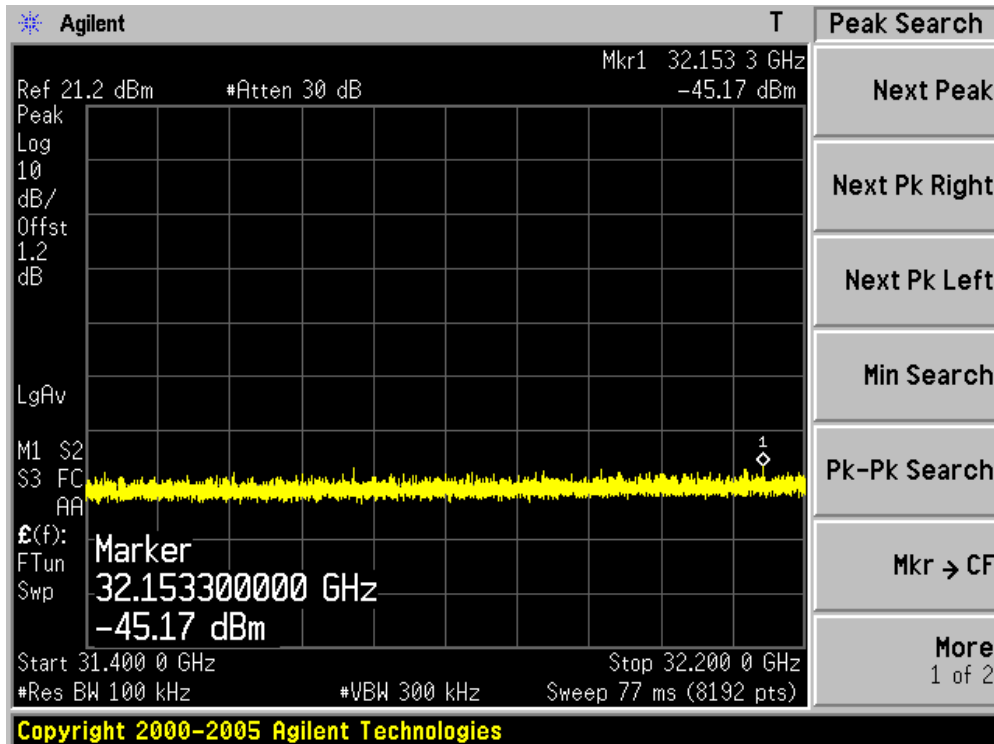
Channel 157 (5785MHz)-7



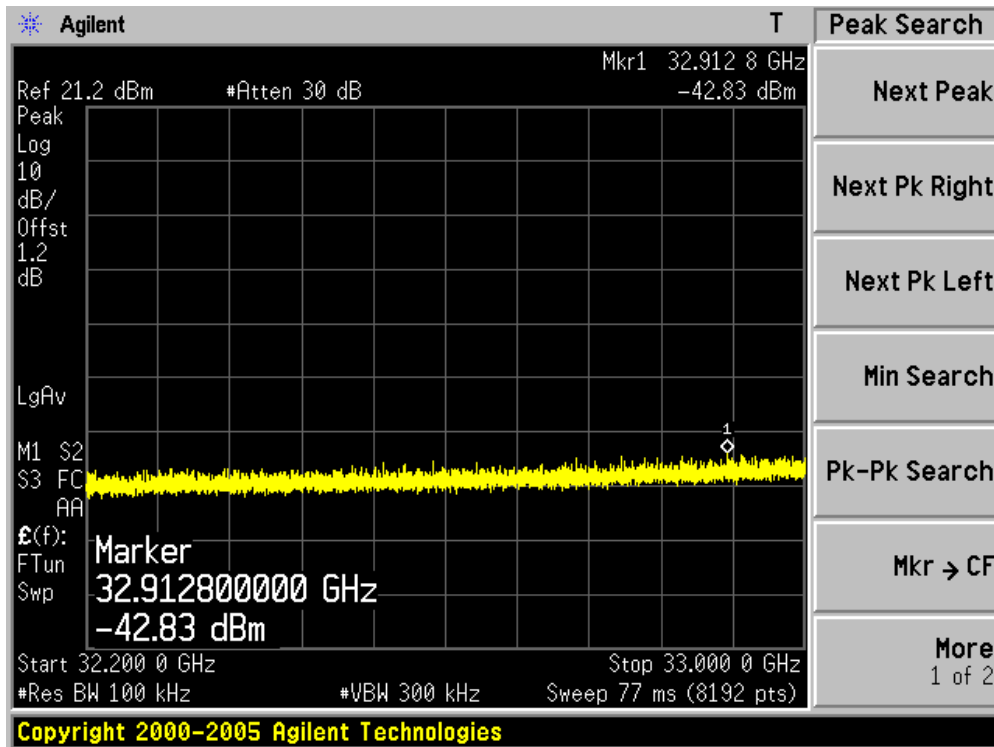
Channel 157 (5785MHz)-8



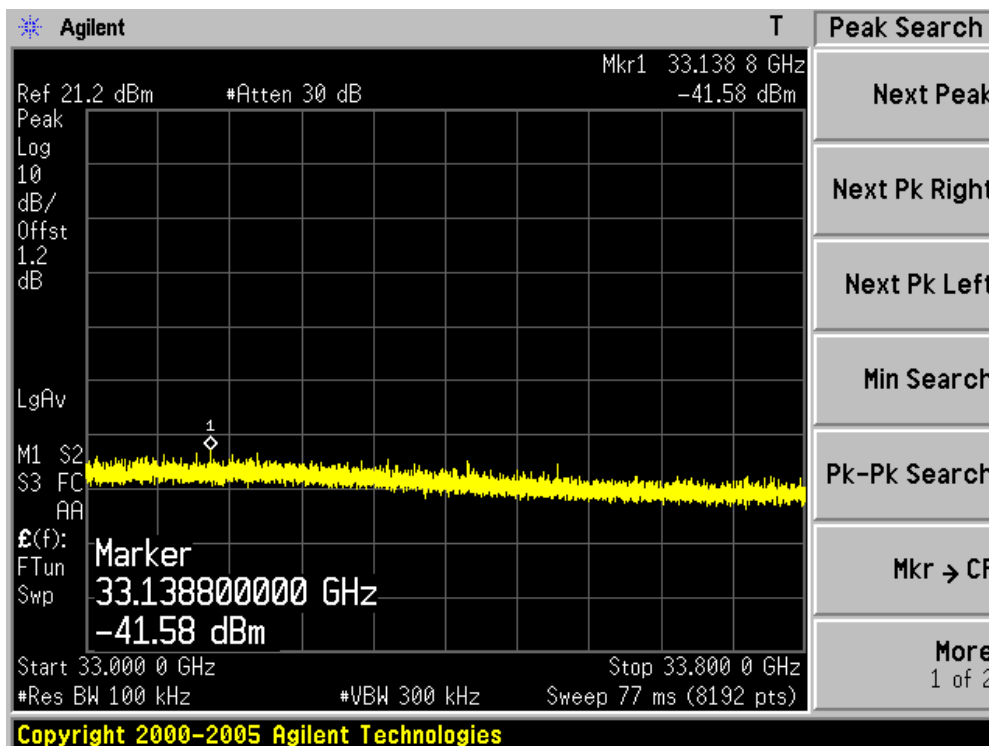
Channel 157 (5785MHz)-9



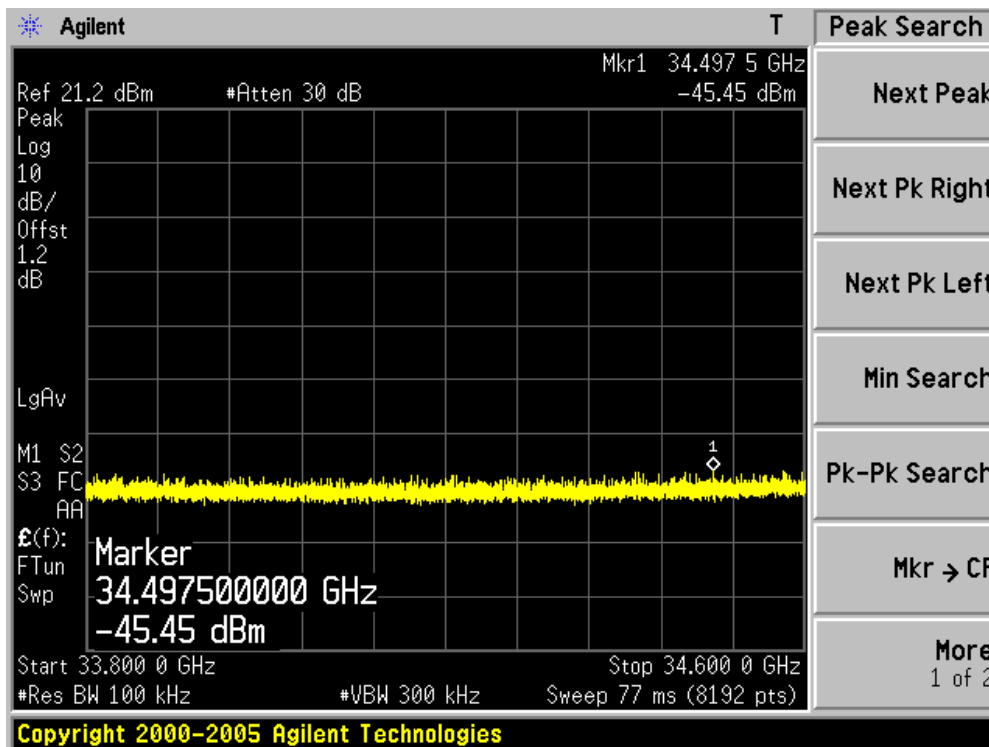
Channel 157 (5785MHz)-10



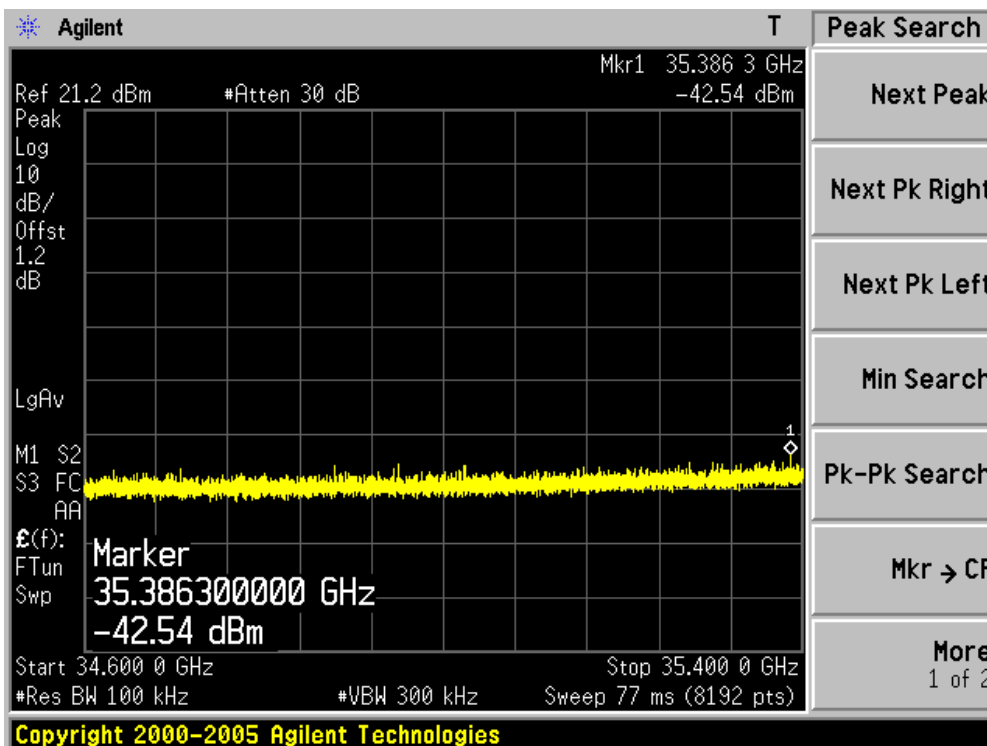
Channel 157 (5785MHz)-11



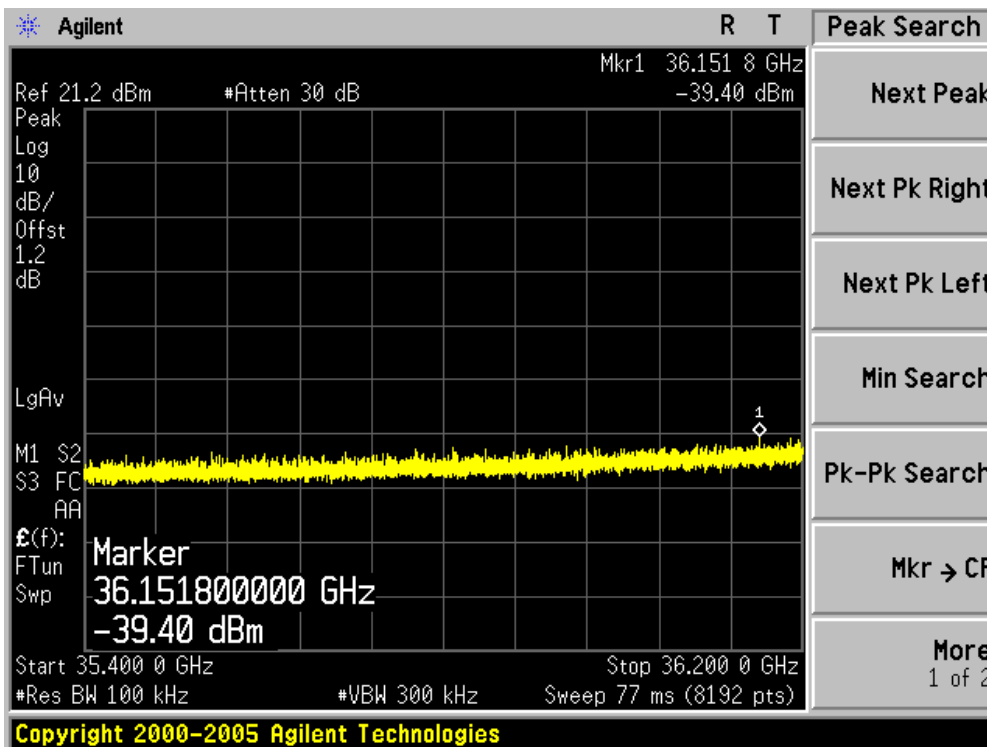
Channel 157 (5785MHz)-12



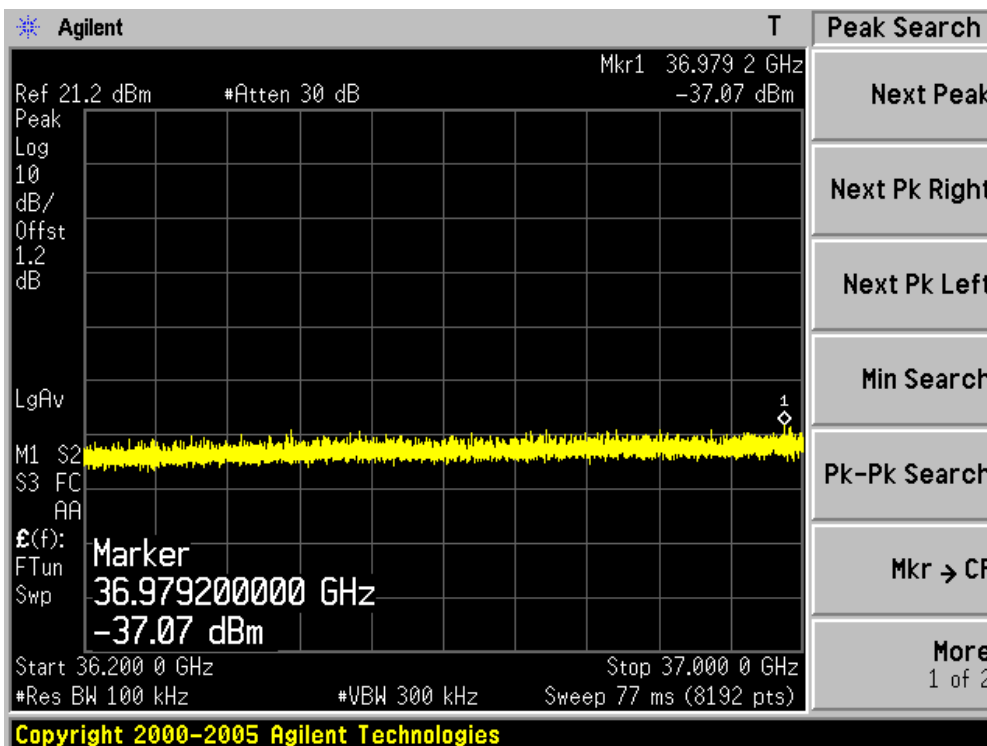
Channel 157 (5785MHz)-13



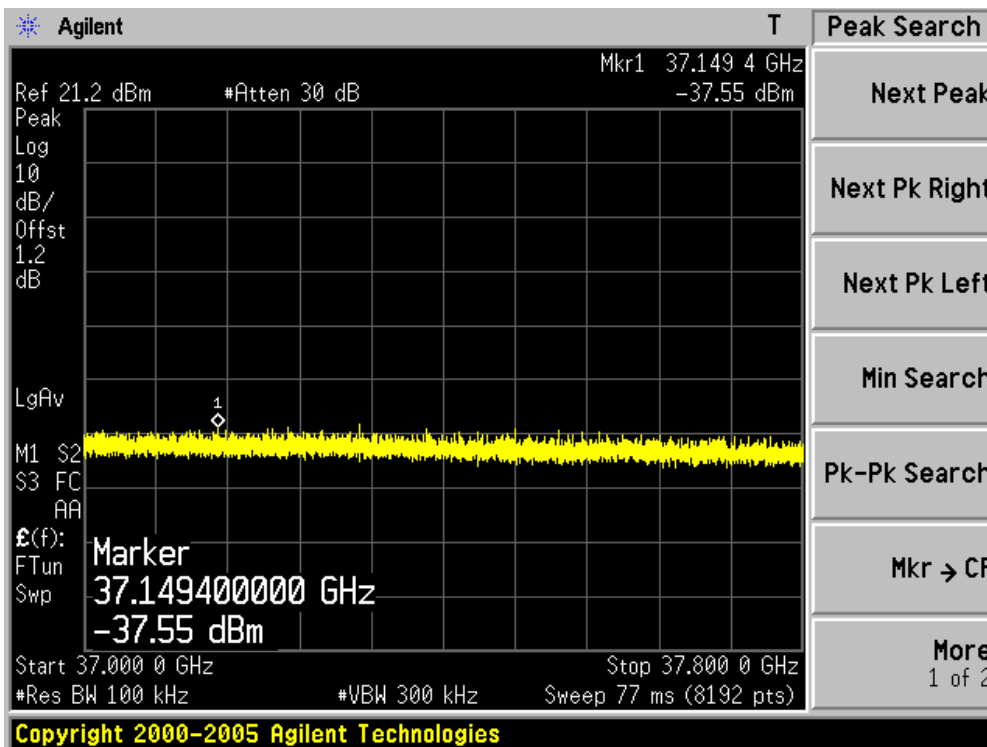
Channel 157 (5785MHz)-14



Channel 157 (5785MHz)-15

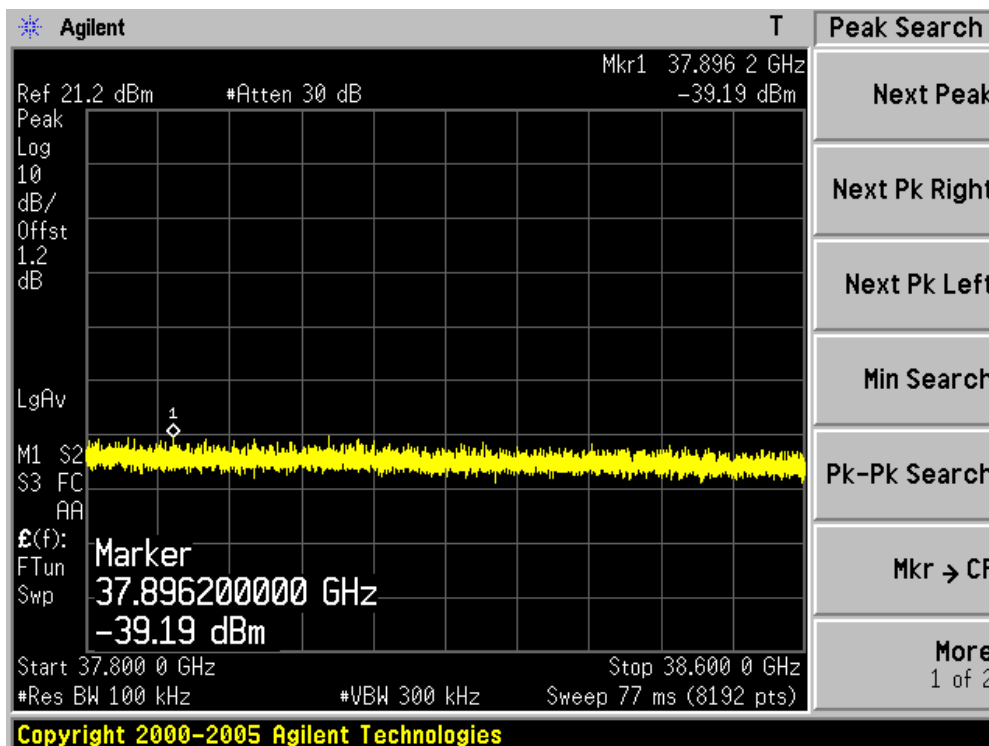


Channel 157 (5785MHz)-16

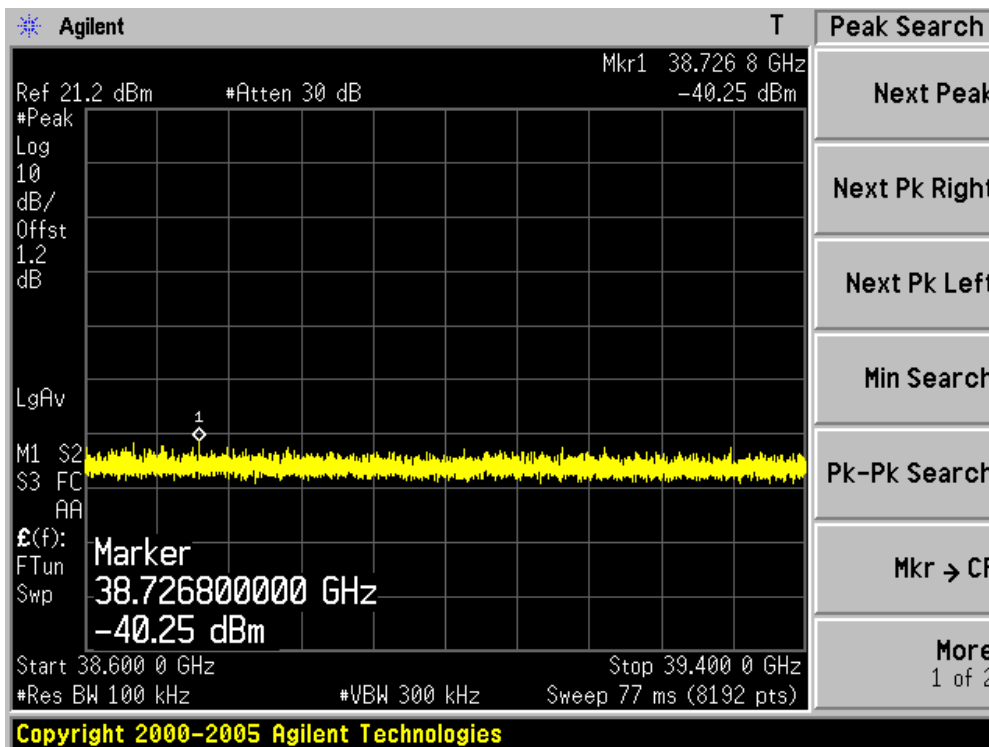




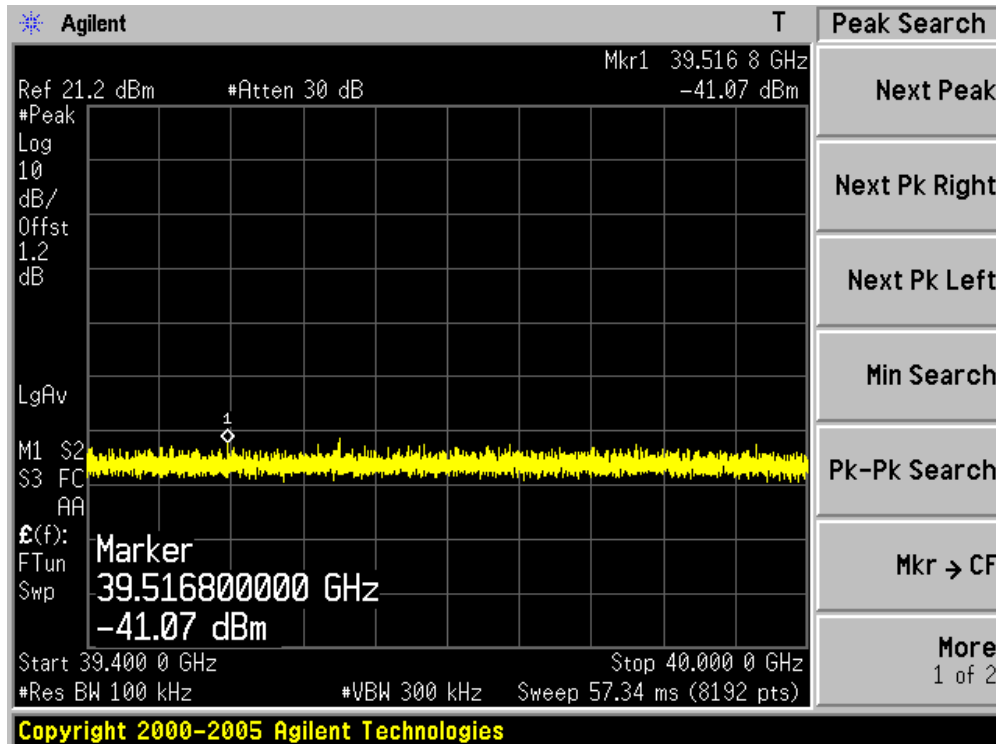
Channel 157 (5785MHz)-17



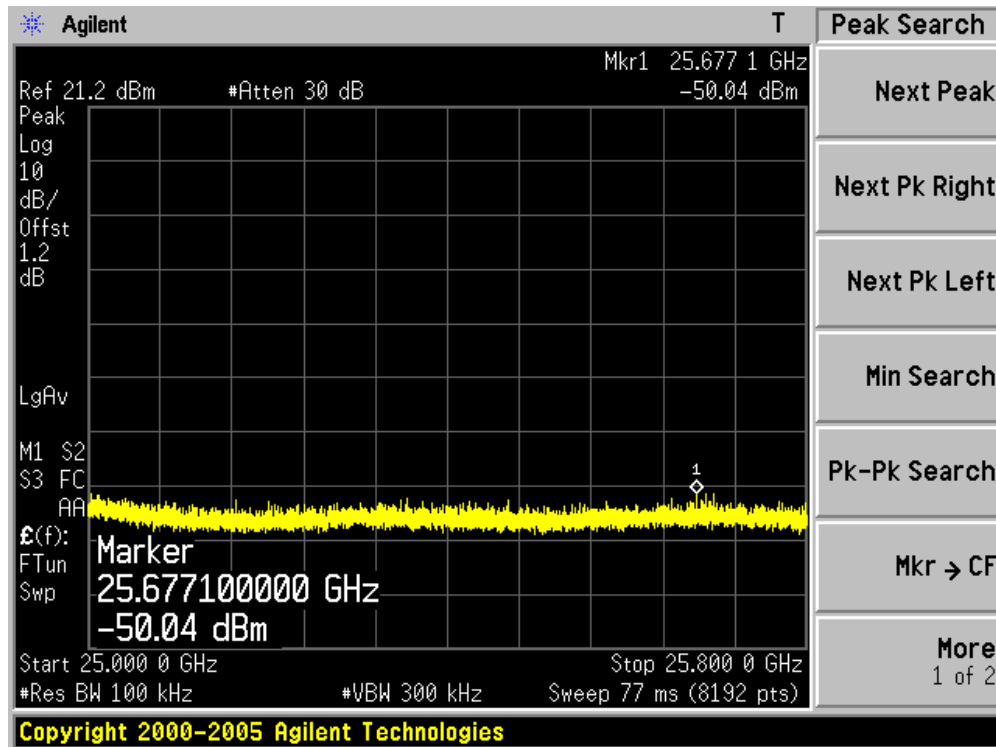
Channel 157 (5785MHz)-18



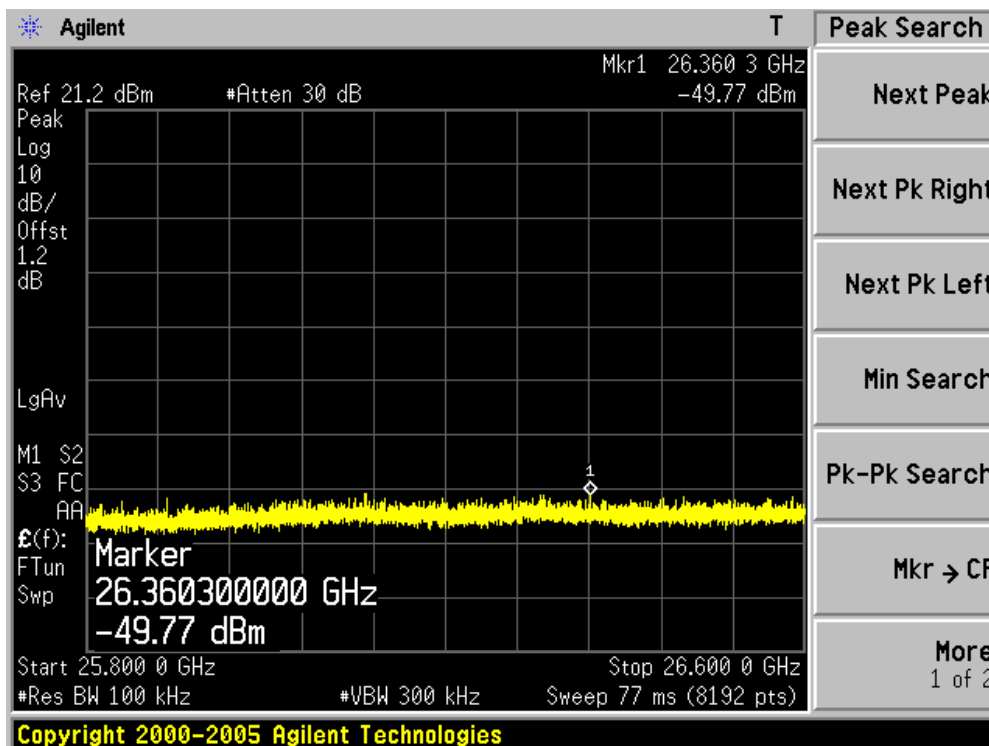
Channel 157 (5785MHz)-19



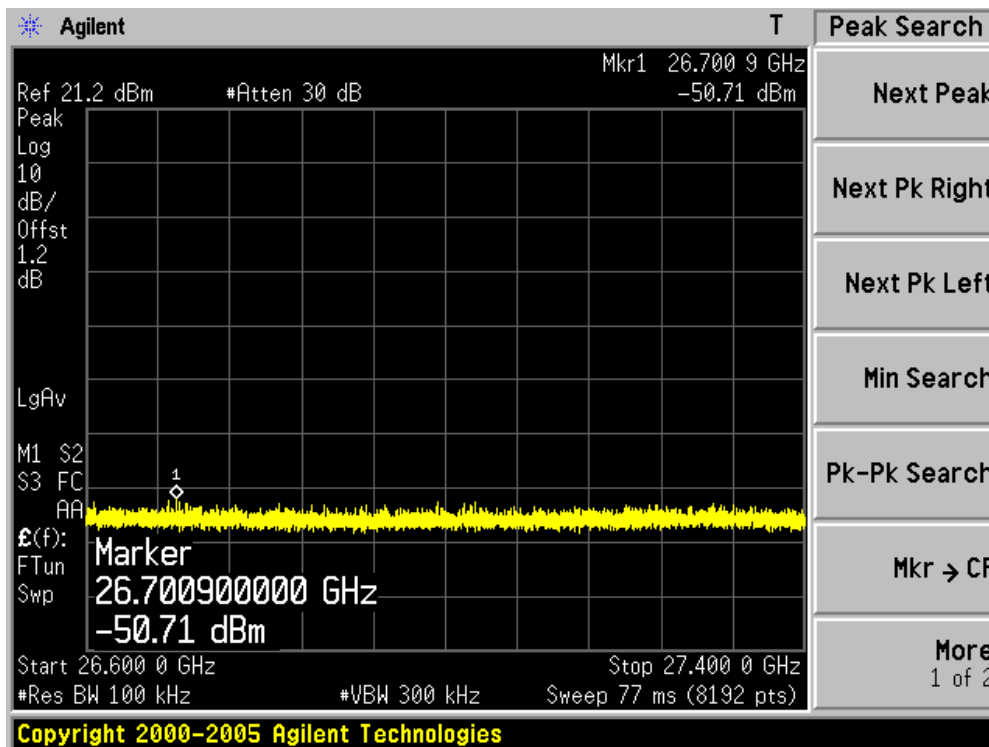
Channel 165 (5825MHz)-1



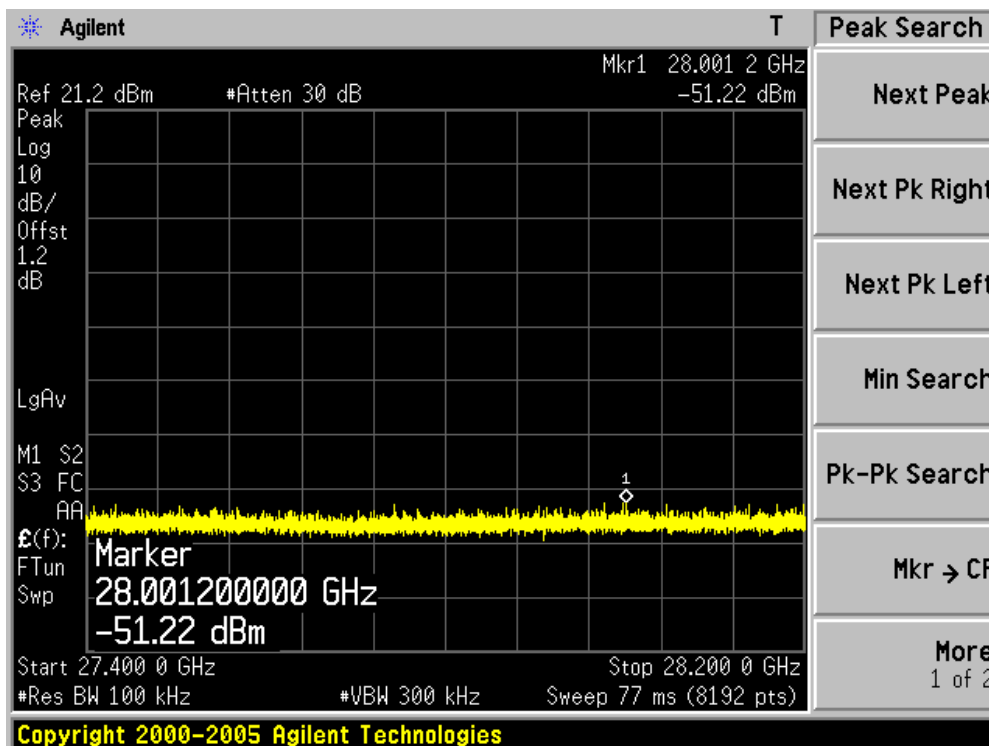
Channel 165 (5825MHz)-2



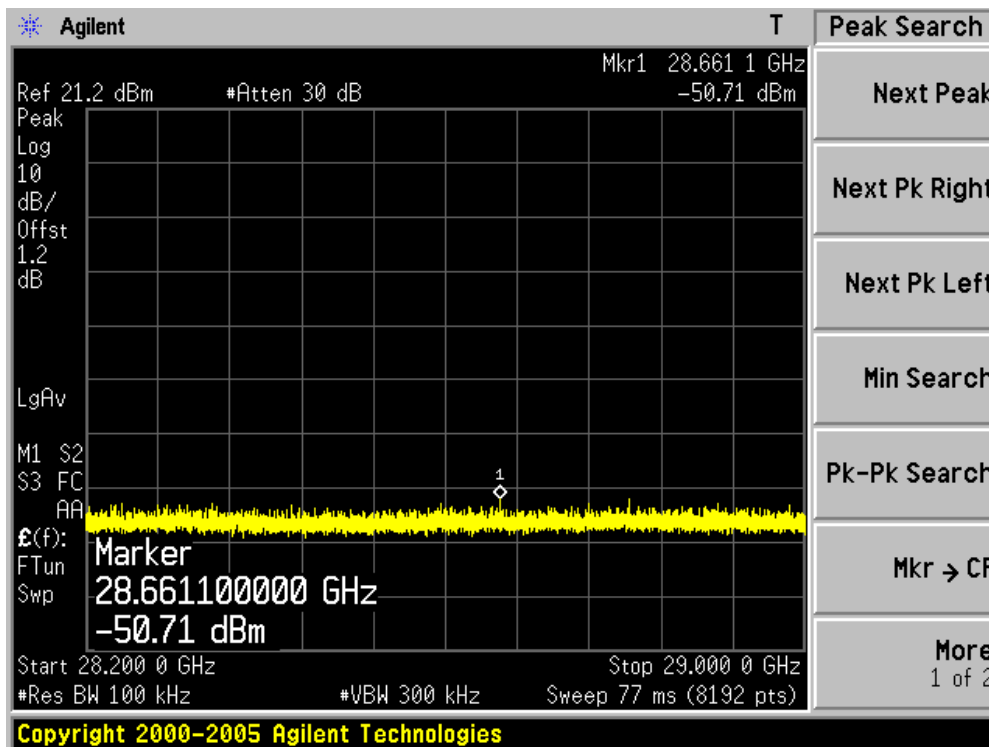
Channel 165 (5825MHz)-3



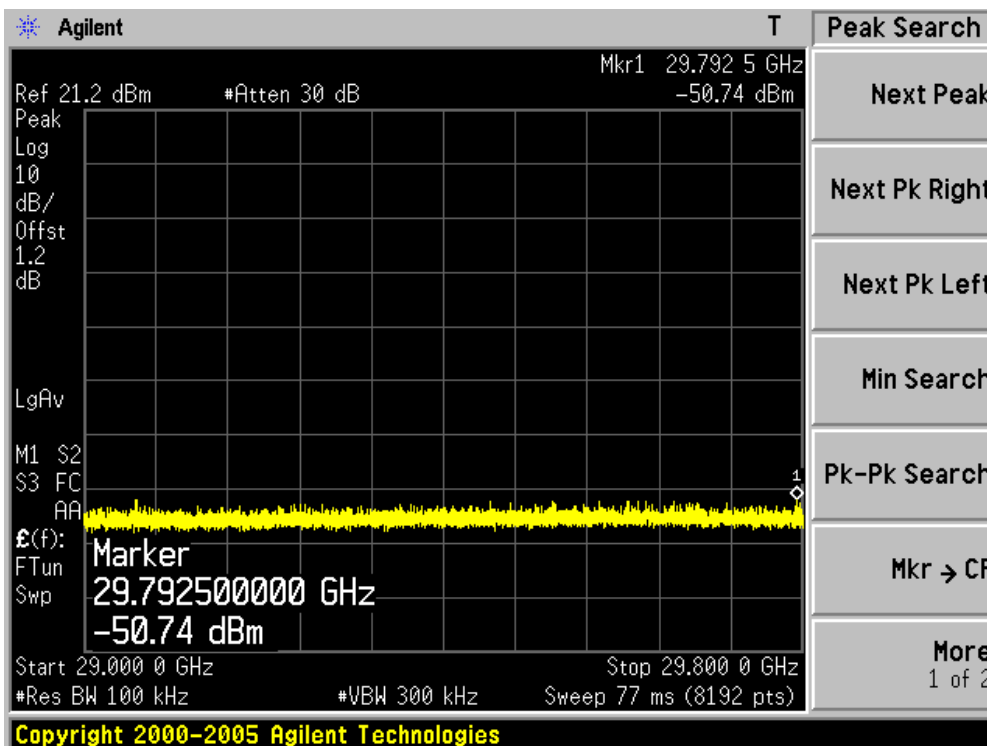
Channel 165 (5825MHz)-4



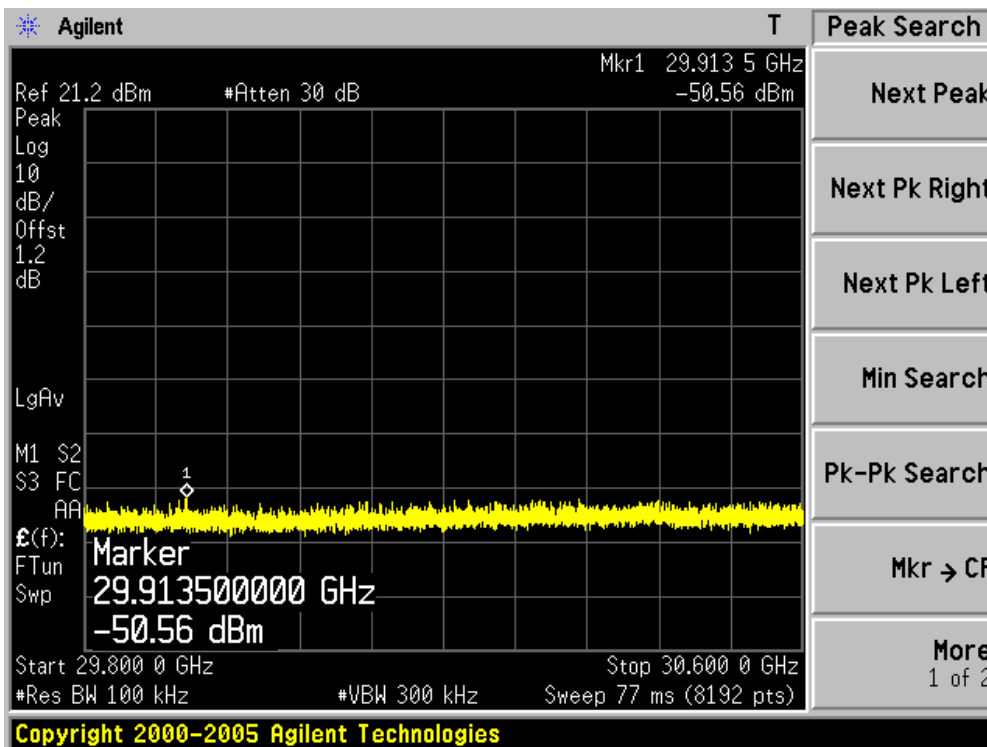
Channel 165 (5825MHz)-5



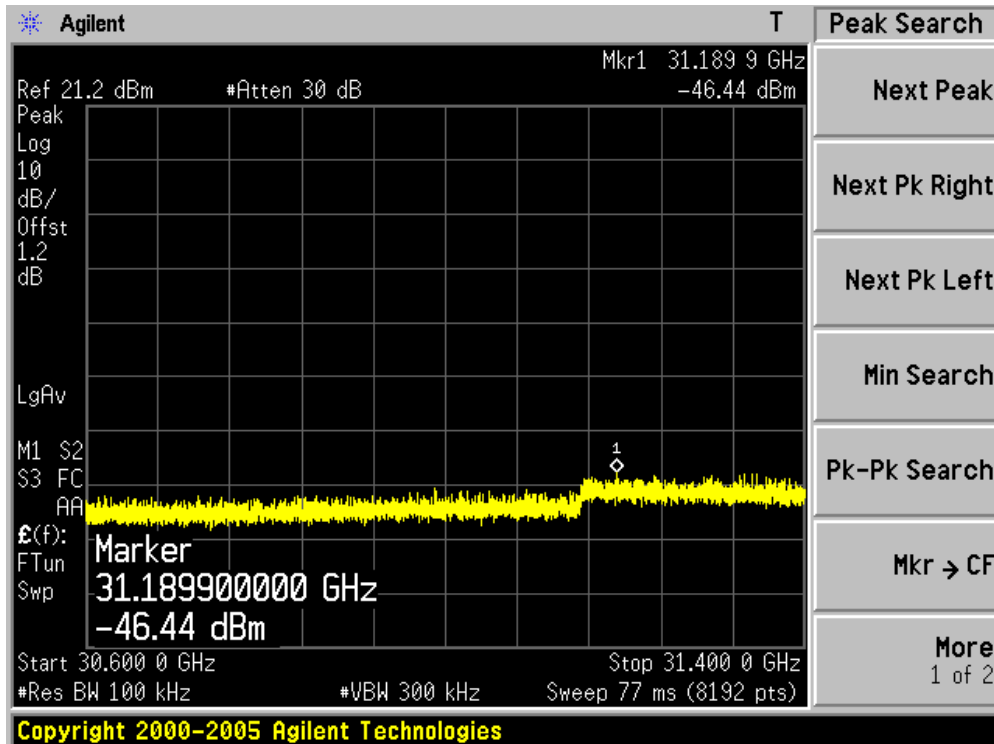
Channel 165 (5825MHz)-6



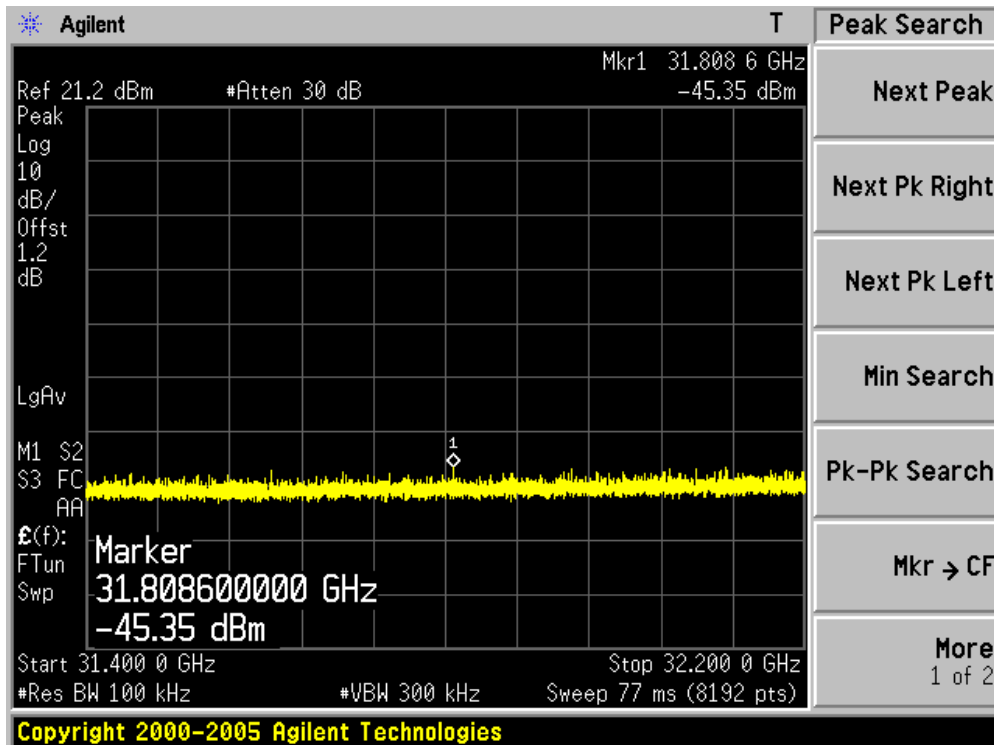
Channel 165 (5825MHz)-7



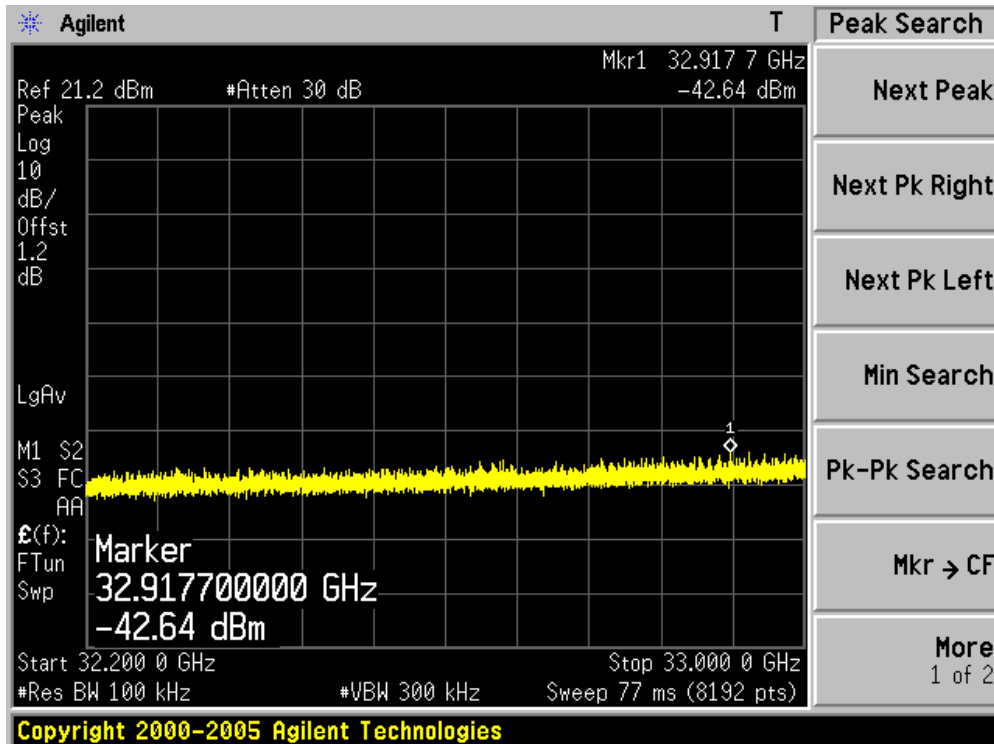
Channel 165 (5825MHz)-8



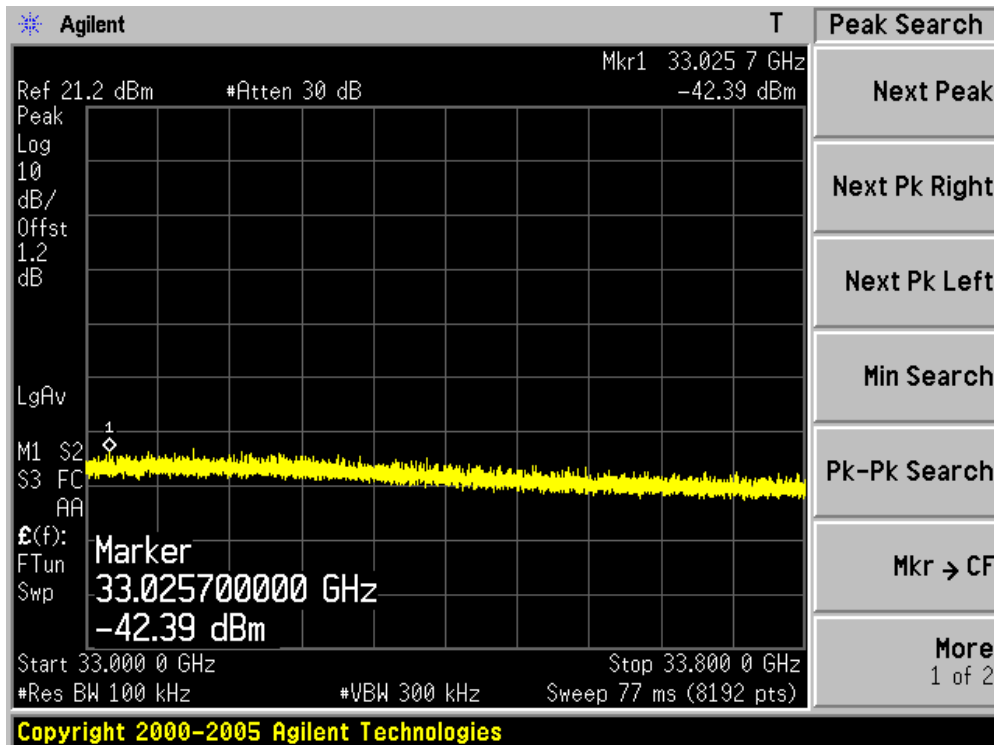
Channel 165 (5825MHz)-9



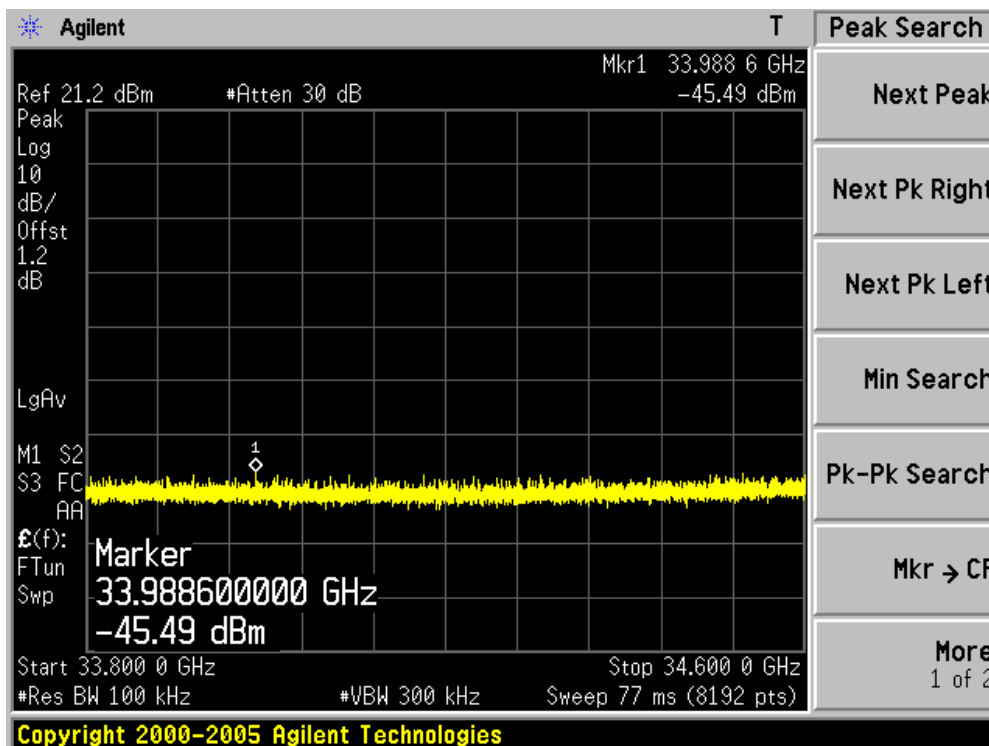
Channel 165 (5825MHz)-10



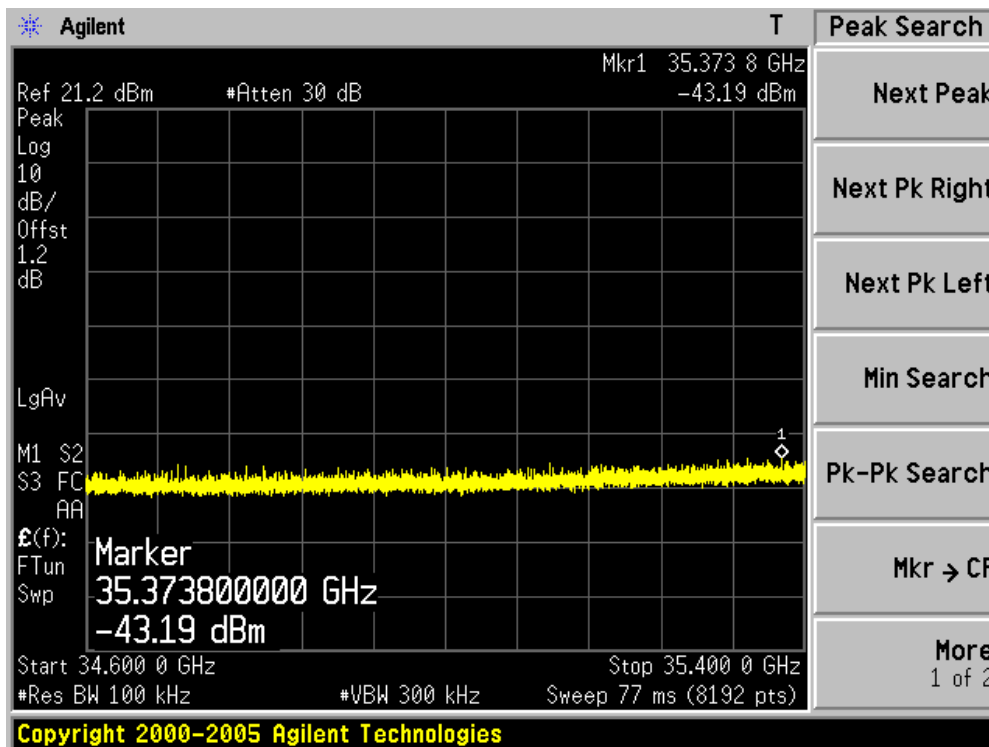
Channel 165 (5825MHz)-11



Channel 165 (5825MHz)-12

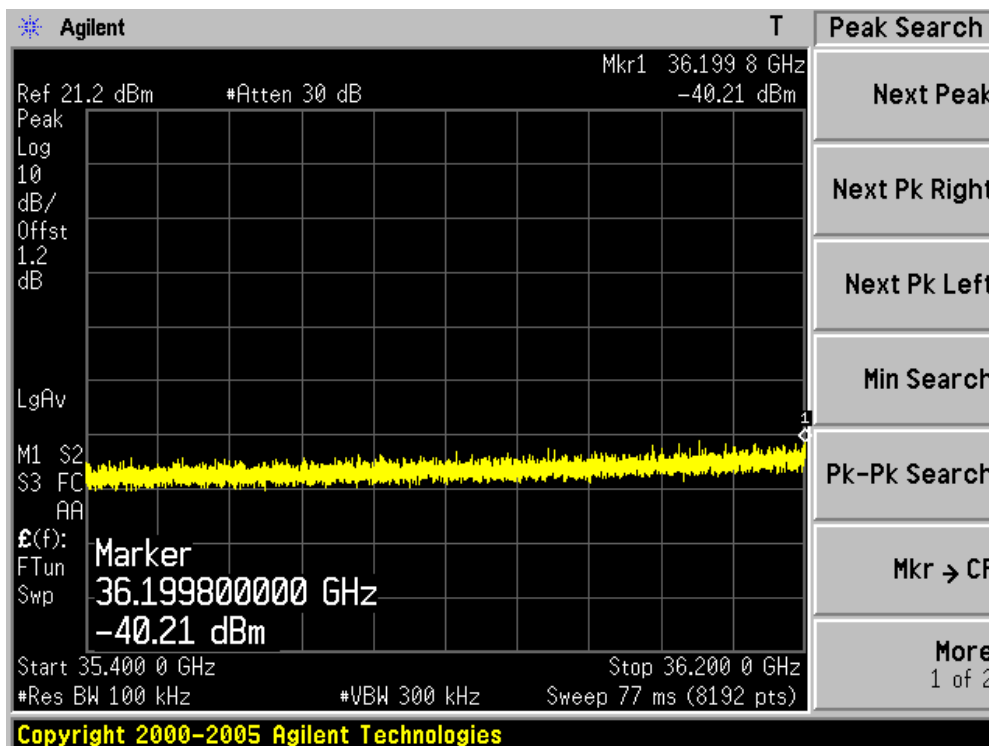


Channel 165 (5825MHz)-13

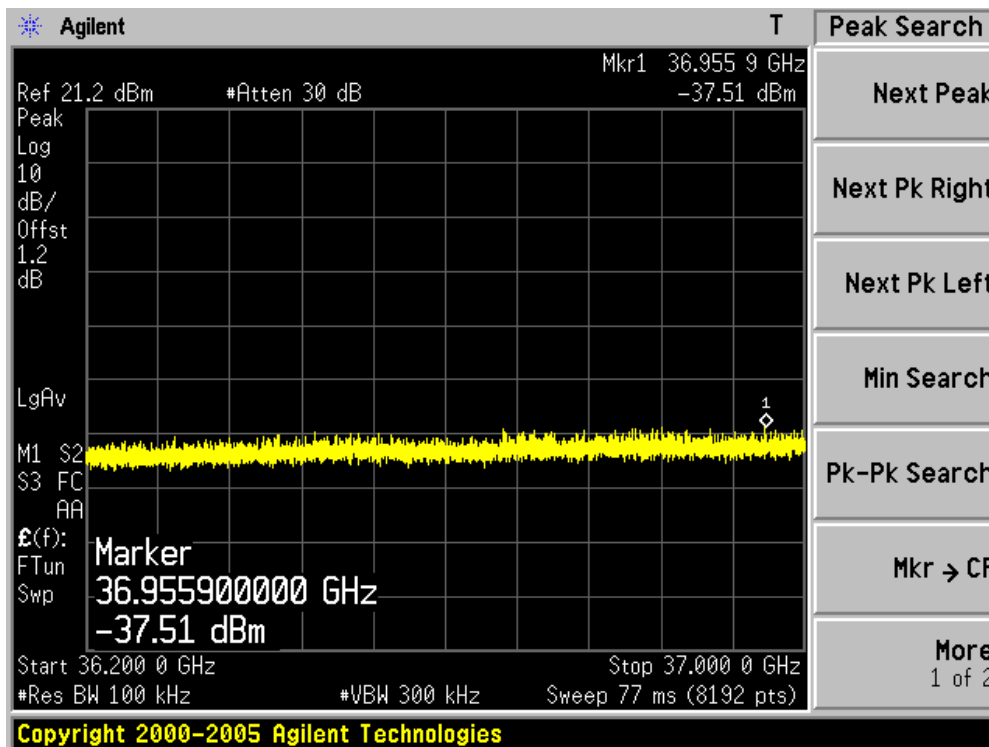




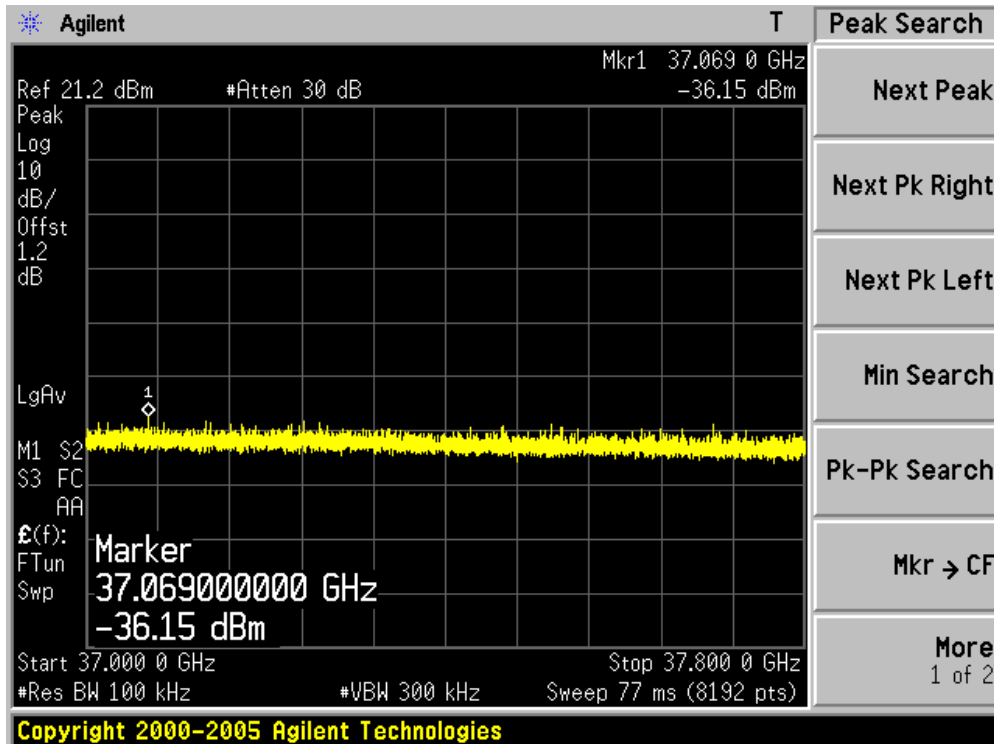
Channel 165 (5825MHz)-14



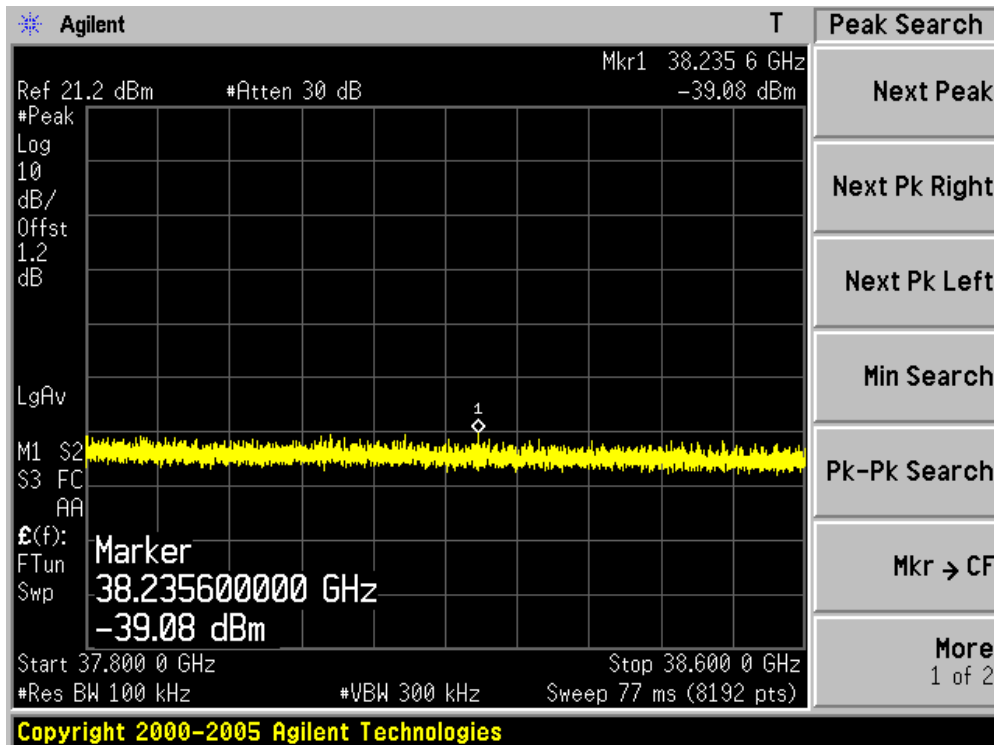
Channel 165 (5825MHz)-15



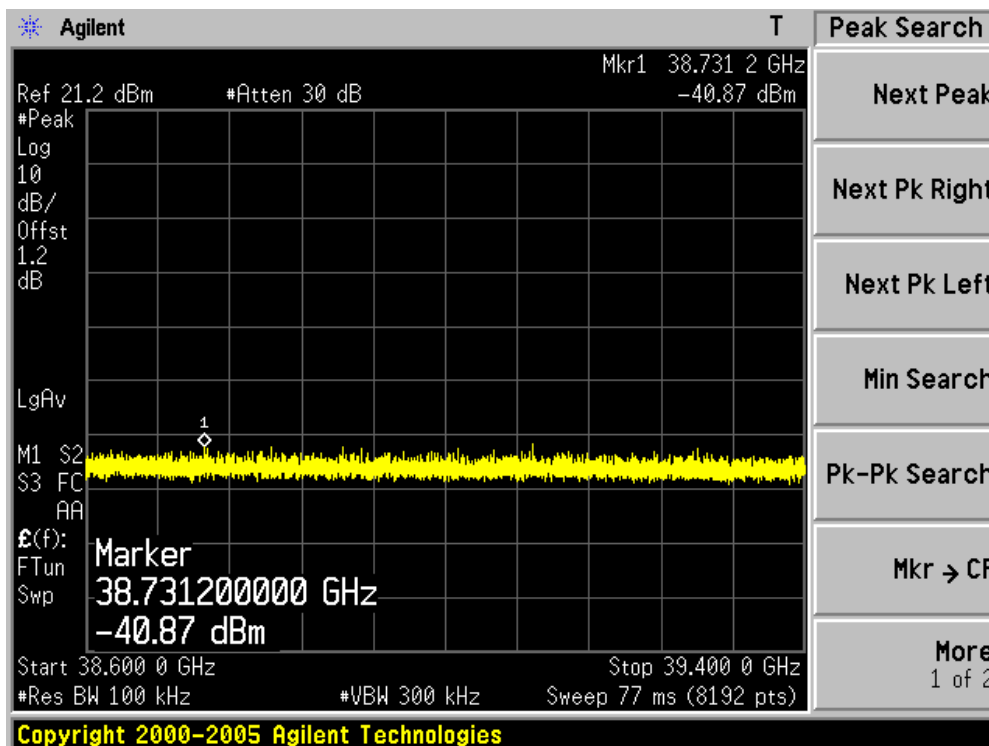
Channel 165 (5825MHz)-16



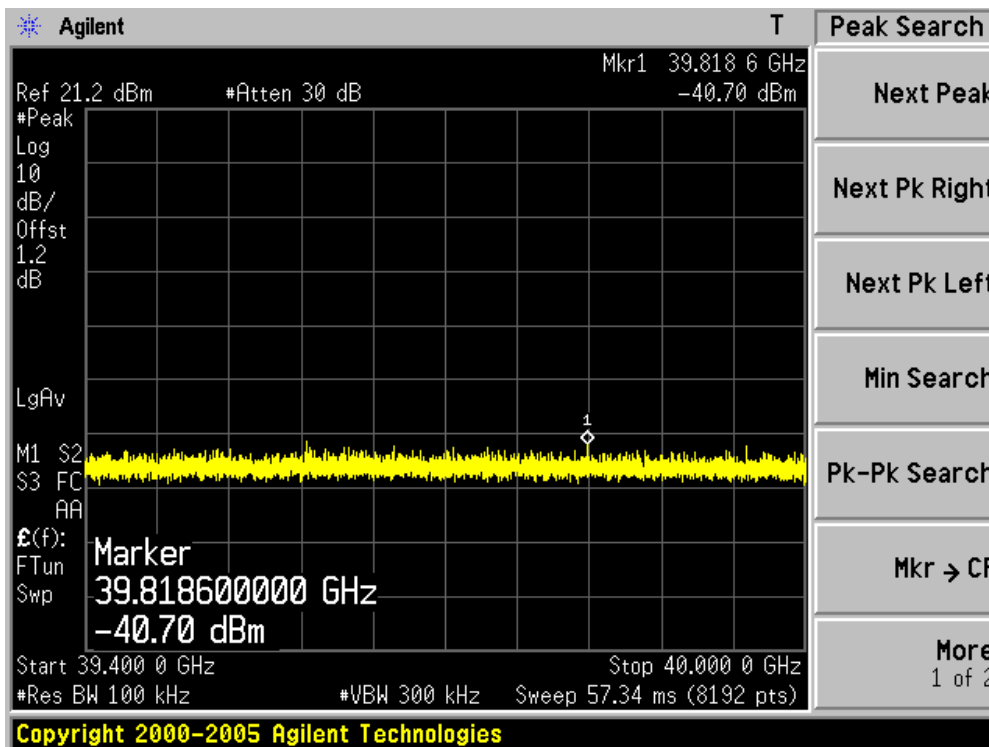
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

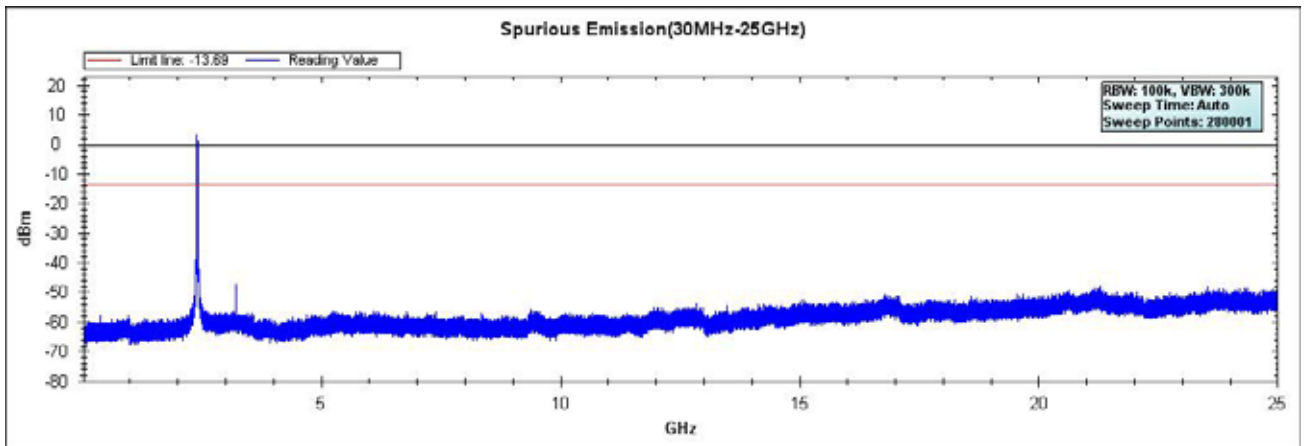


Channel 165 (5825MHz)-19

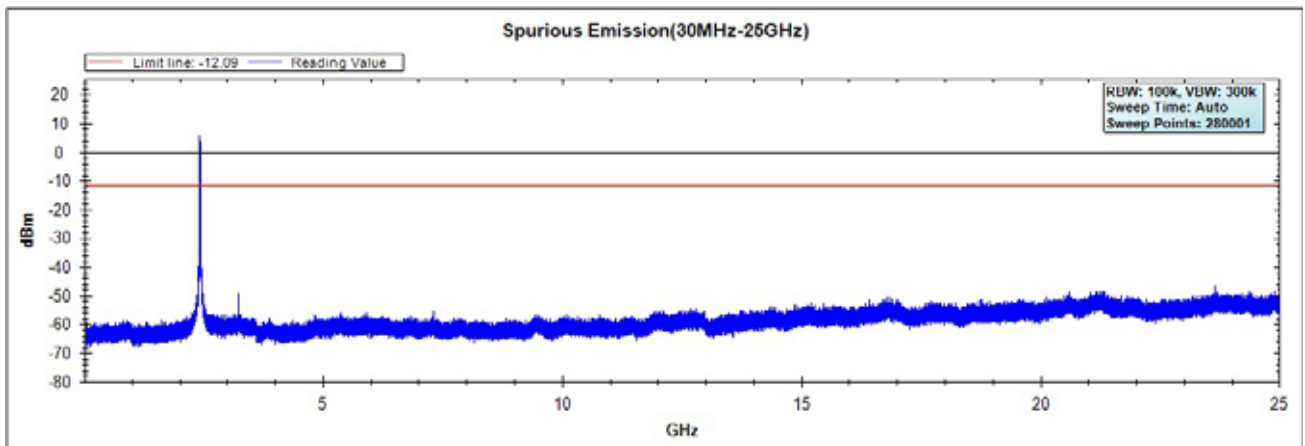


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 1)

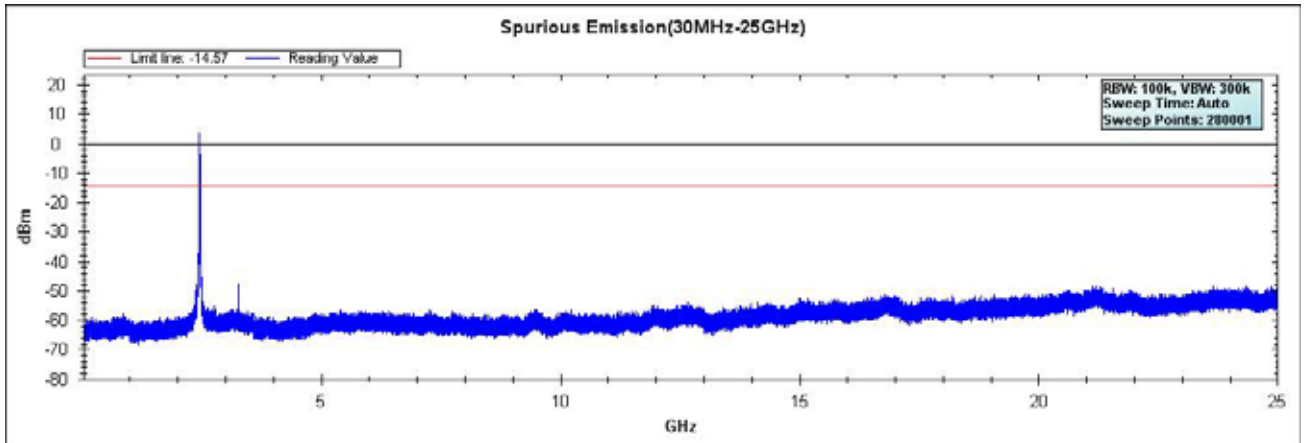
**Channel 01 (2412MHz)**



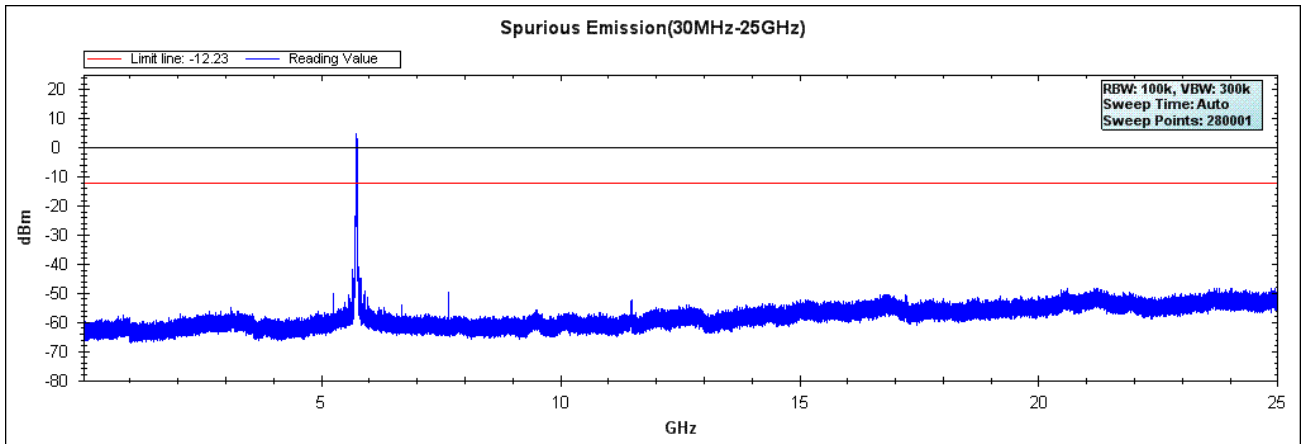
**Channel 09 (2437MHz)**



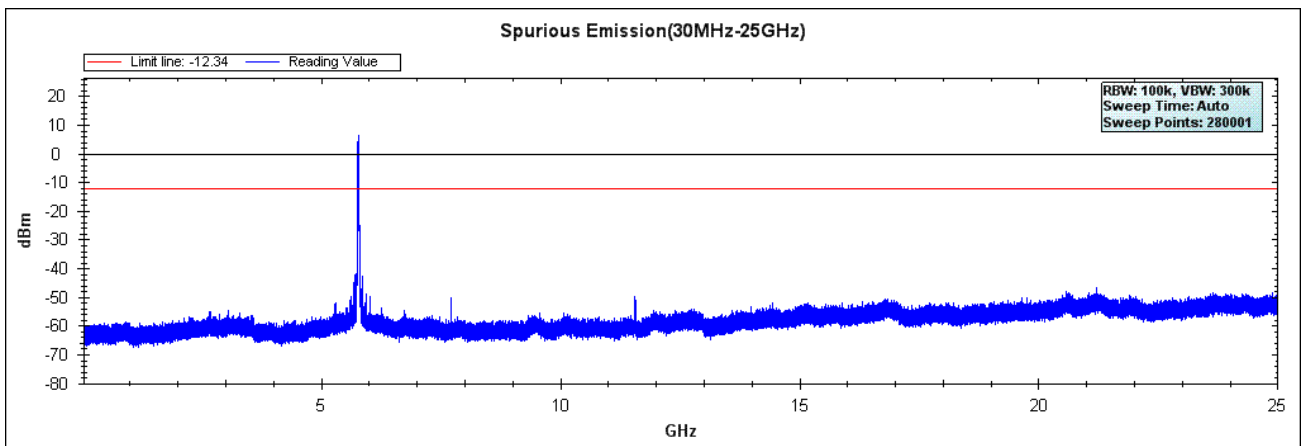
### Channel 11 (2462MHz)



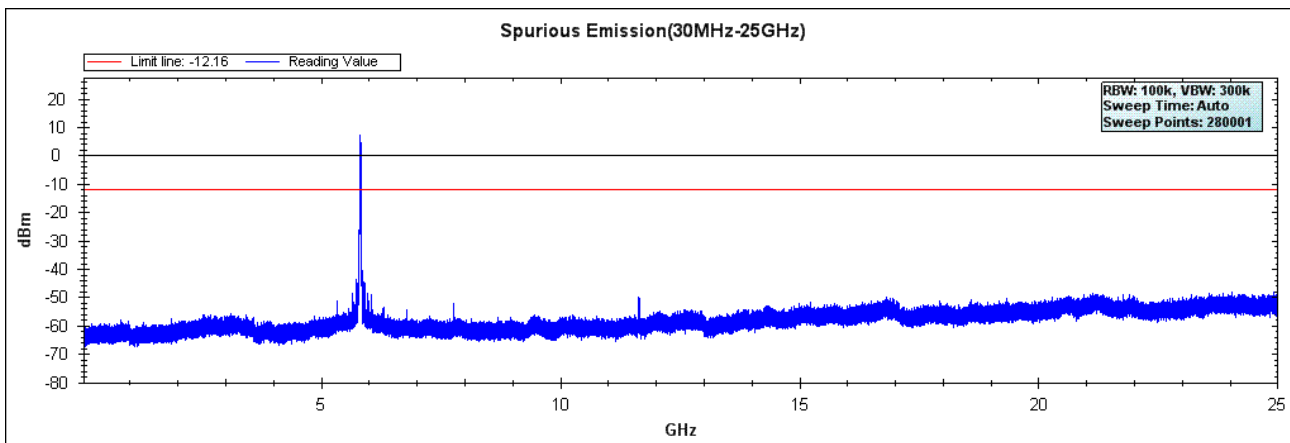
### Channel 149 (5745MHz)



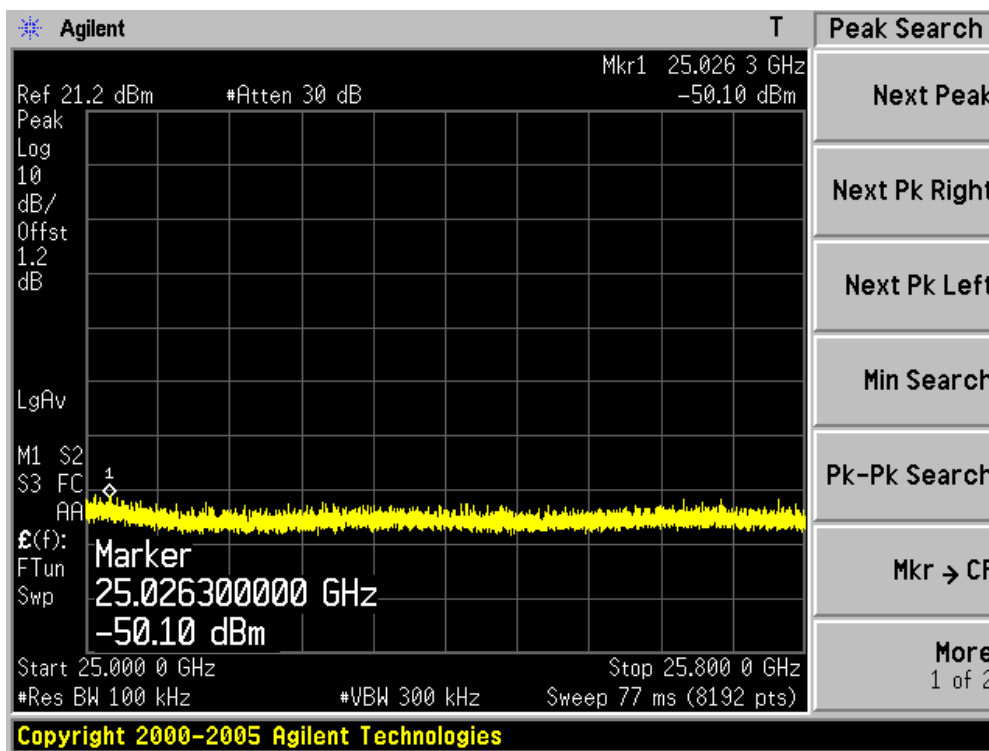
### Channel 157 (5785MHz)



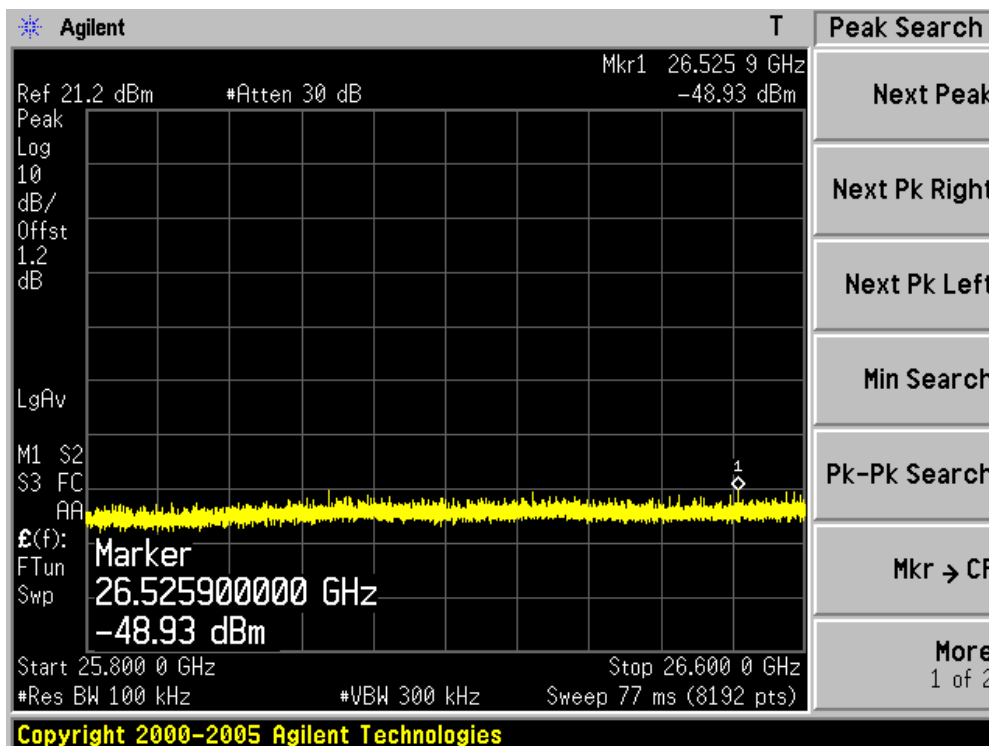
Channel 165 (5825MHz)



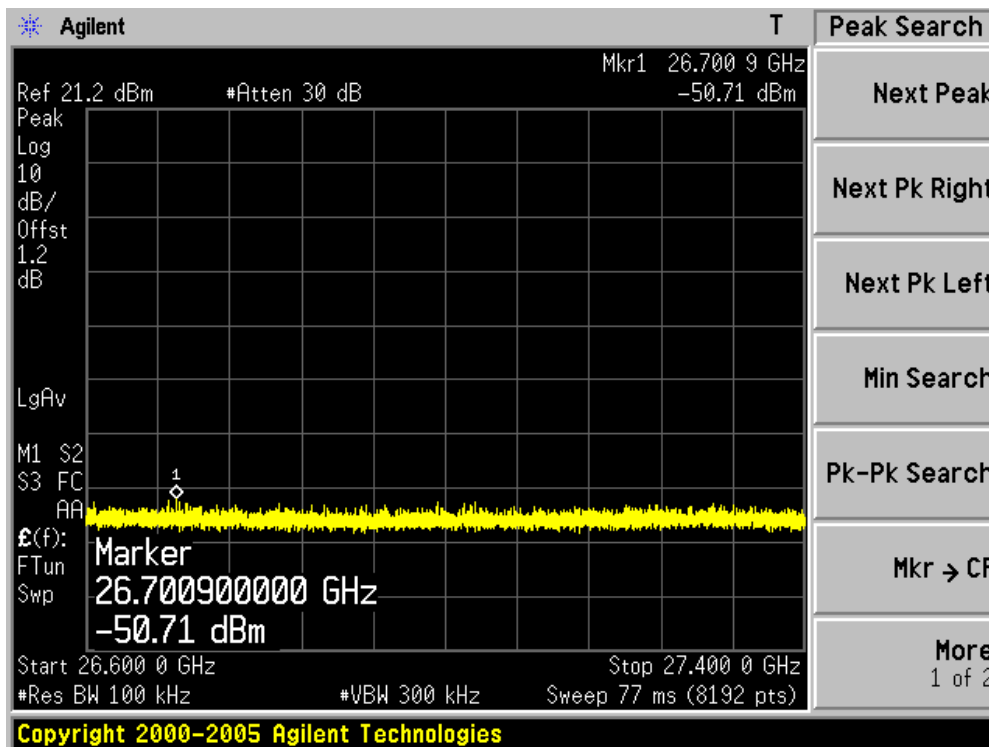
Channel 149 (5745MHz)-1



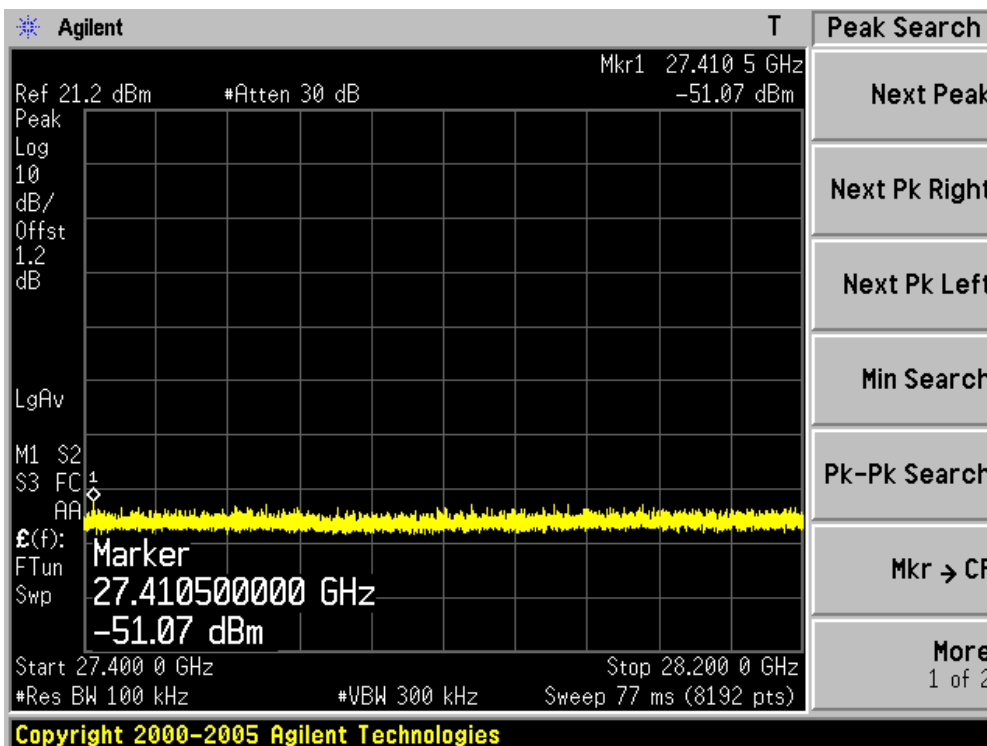
Channel 149 (5745MHz)-2



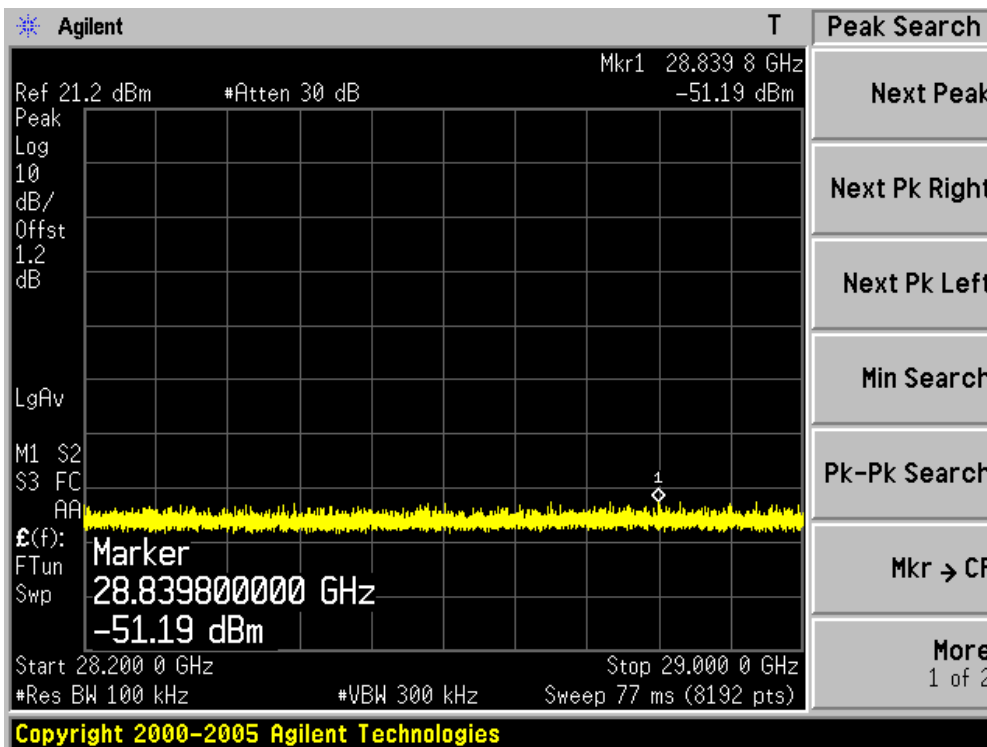
Channel 149 (5745MHz)-3



Channel 149 (5745MHz)-4

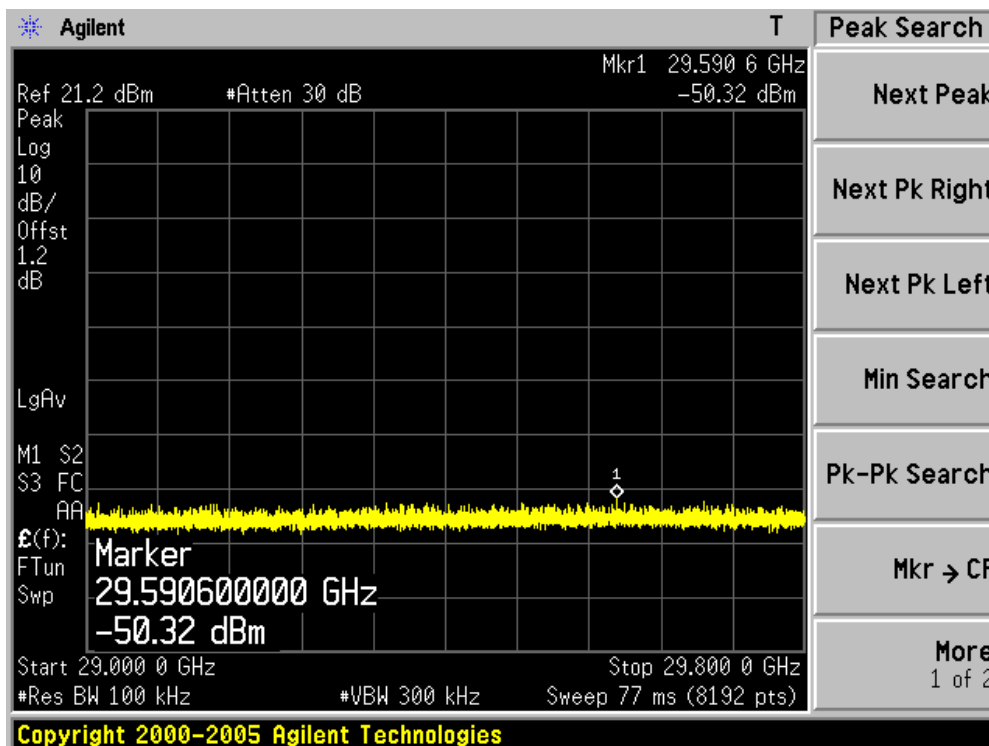


Channel 149 (5745MHz)-5

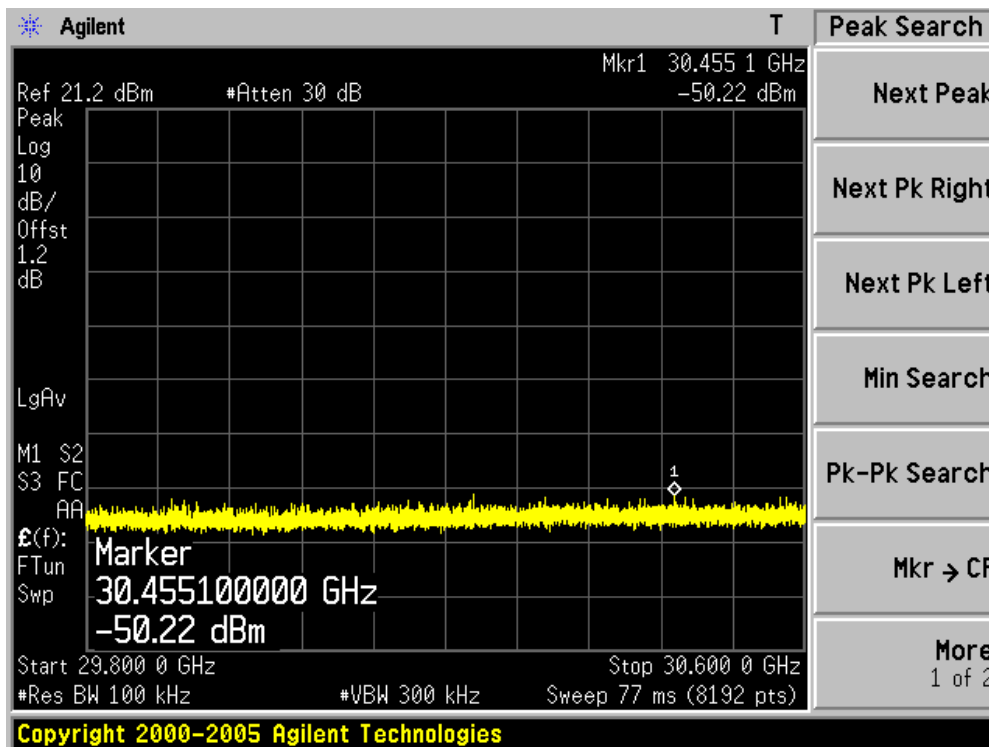




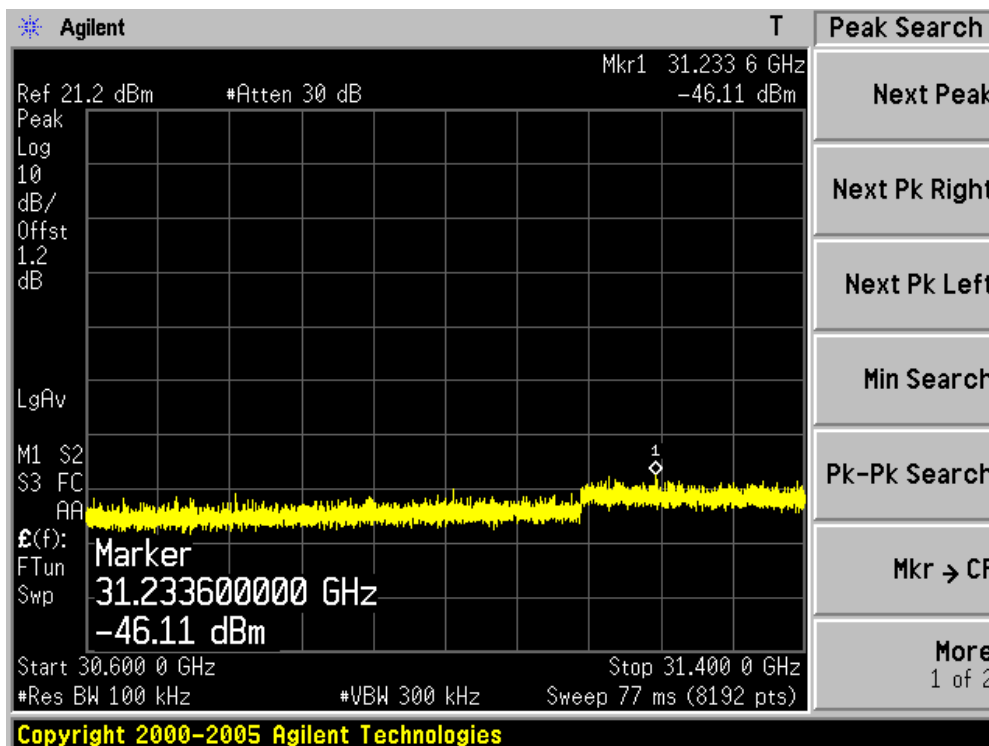
Channel 149 (5745MHz)-6



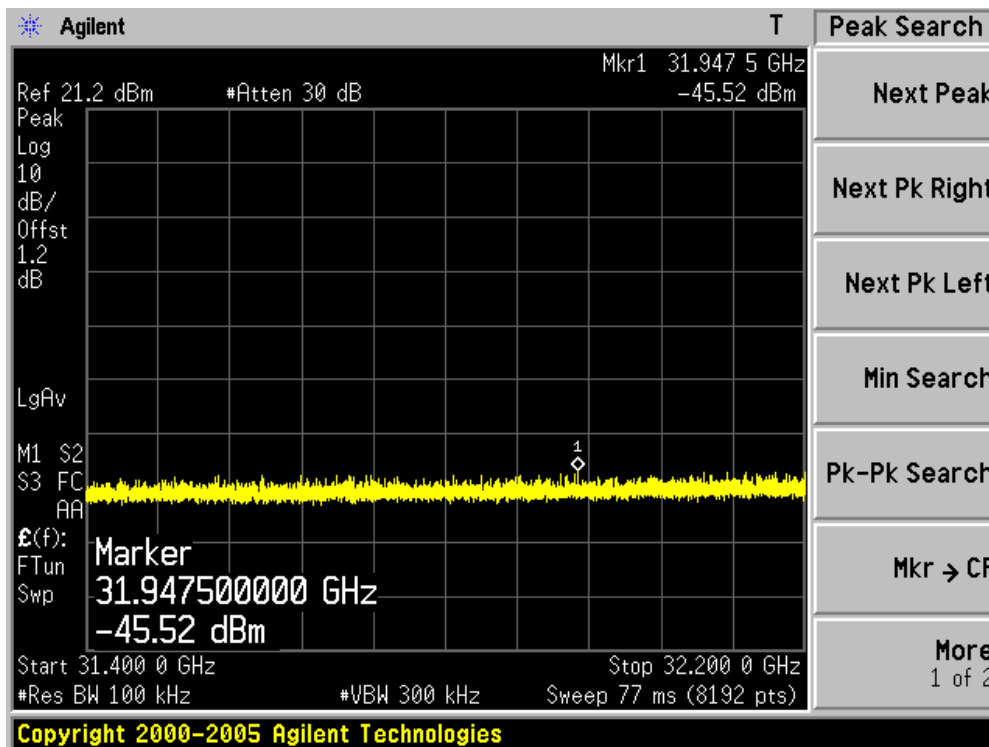
Channel 149 (5745MHz)-7



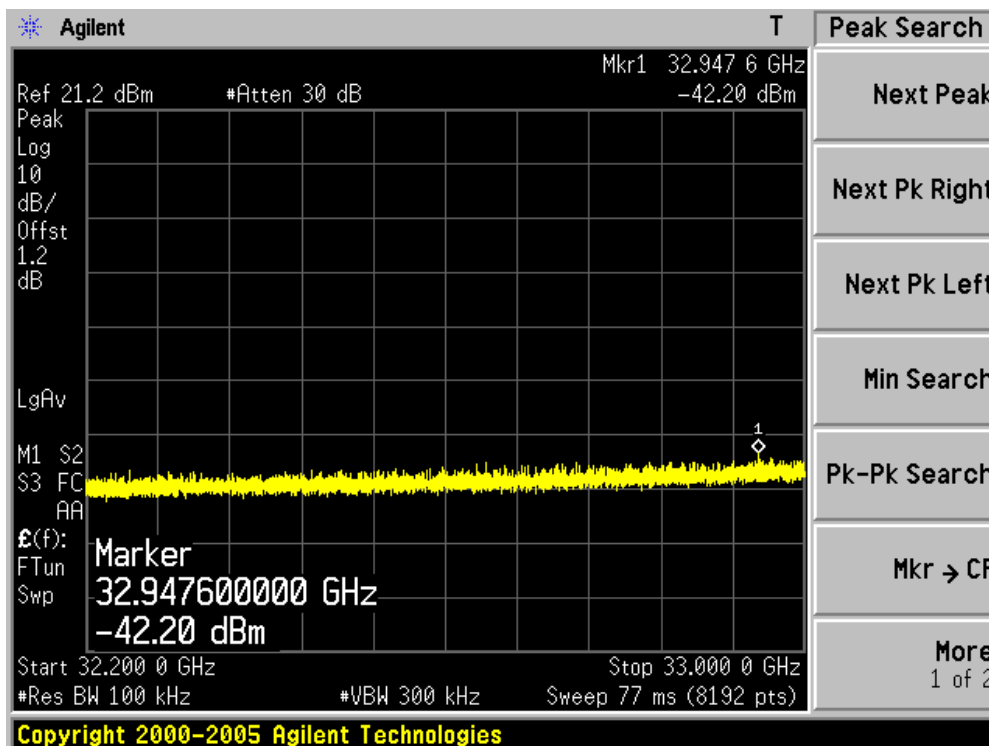
Channel 149 (5745MHz)-8



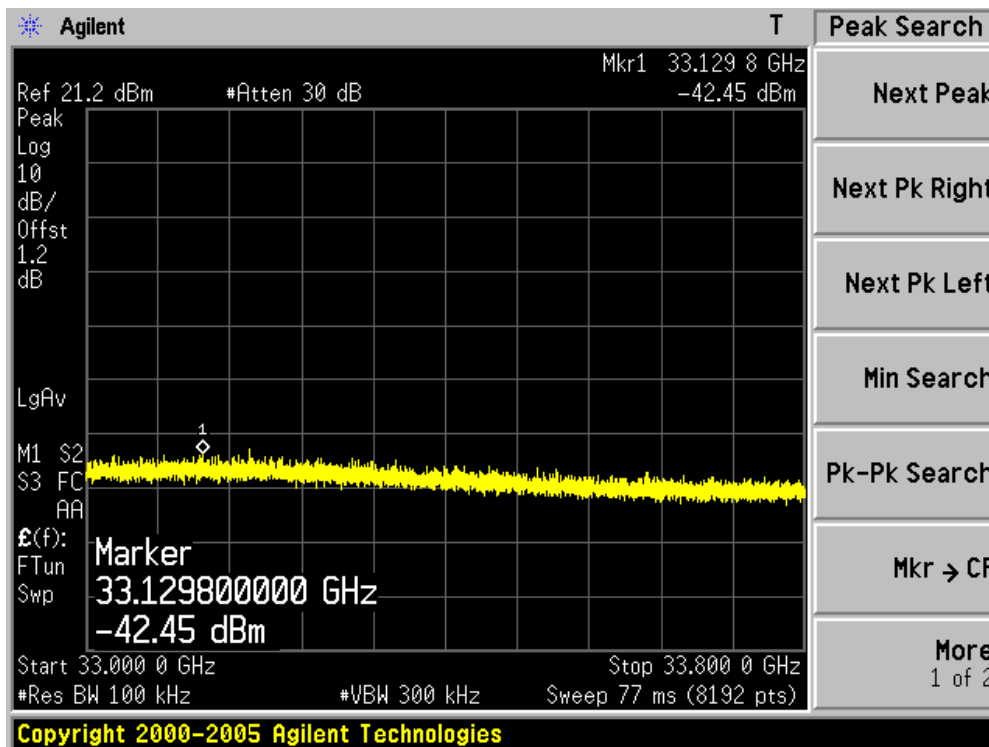
Channel 149 (5745MHz)-9



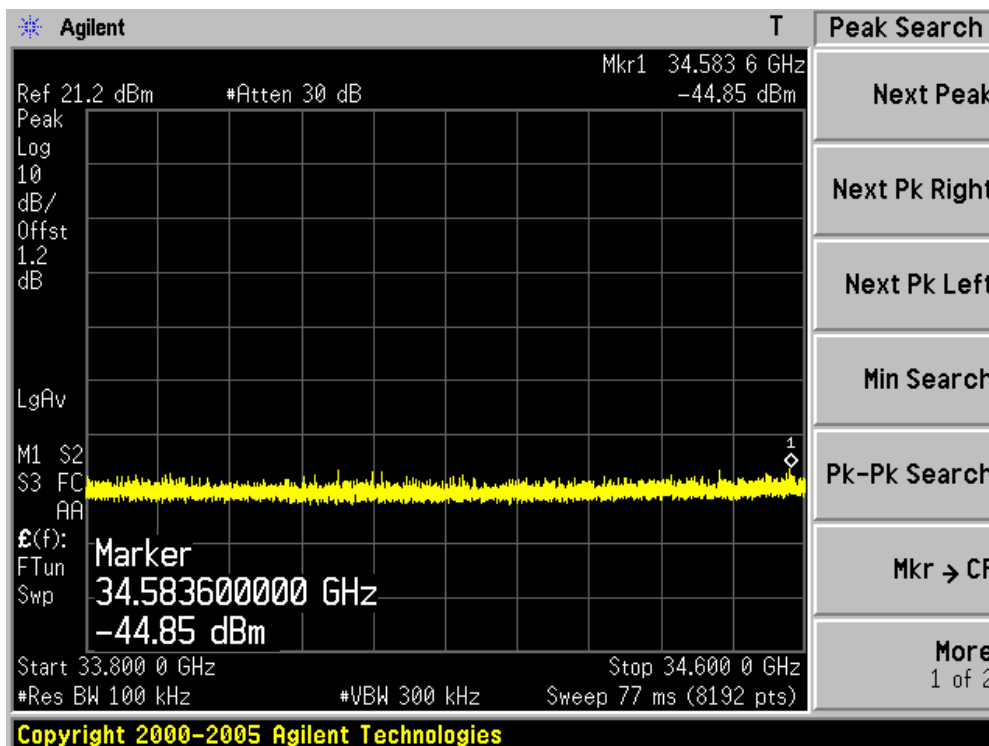
Channel 149 (5745MHz)-10



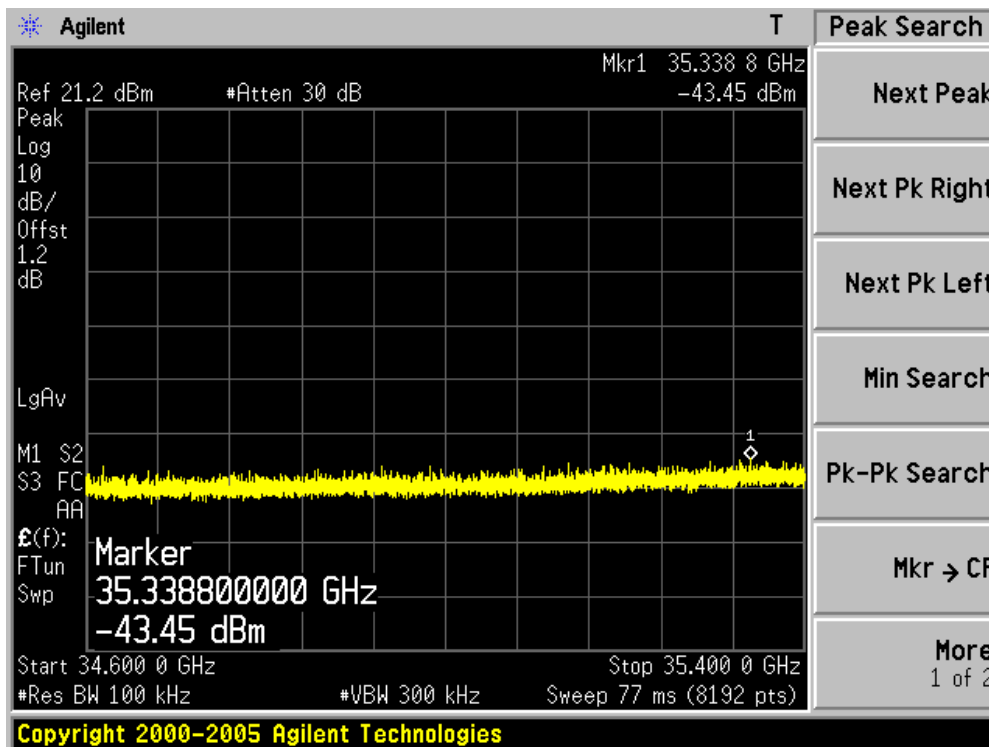
Channel 149 (5745MHz)-11



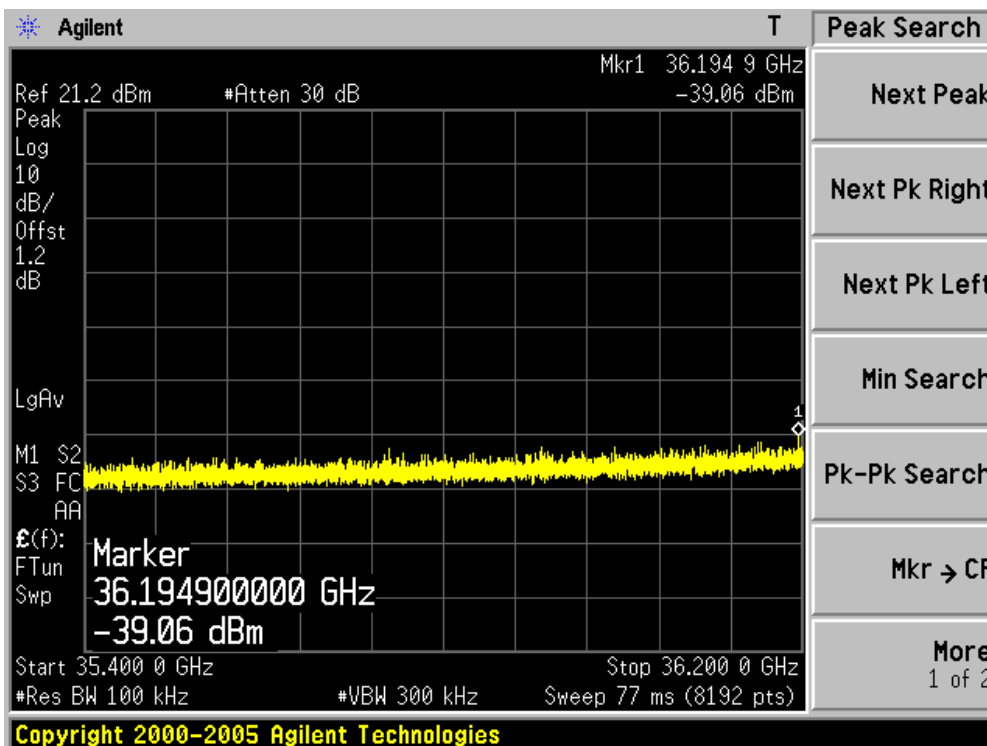
Channel 149 (5745MHz)-12



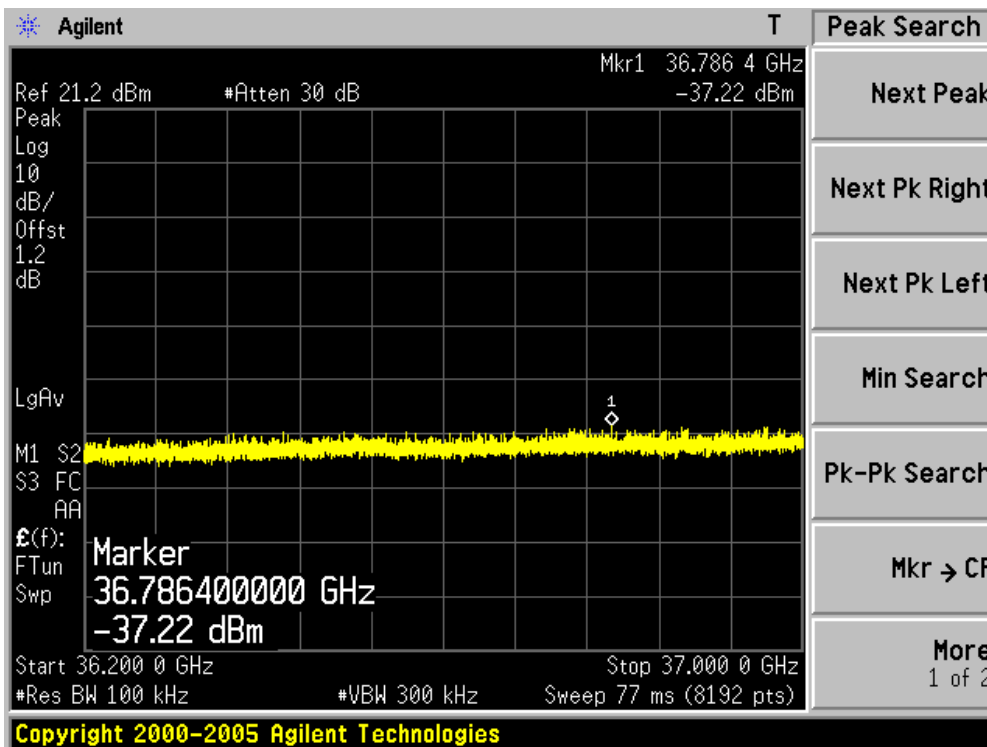
Channel 149 (5745MHz)-13



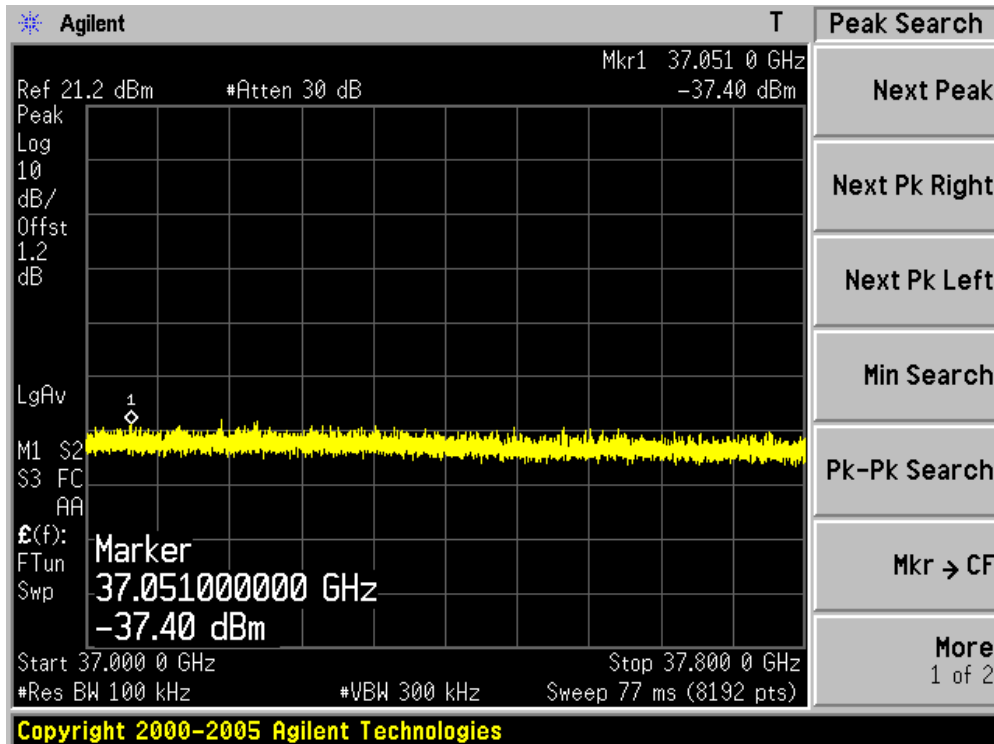
Channel 149 (5745MHz)-14



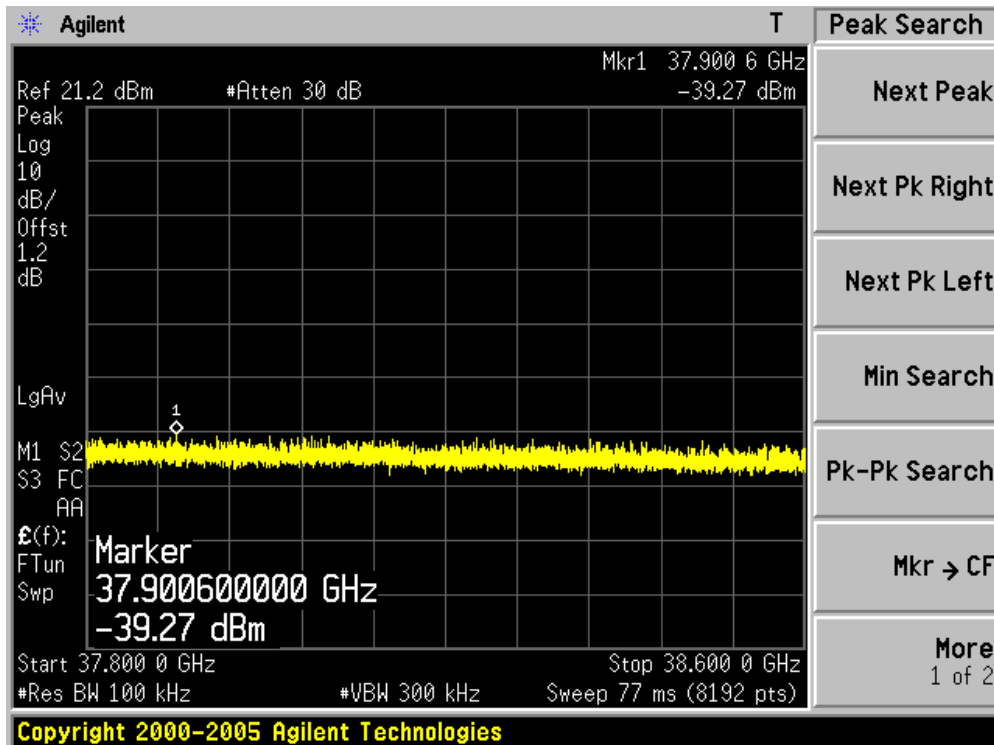
Channel 149 (5745MHz)-15



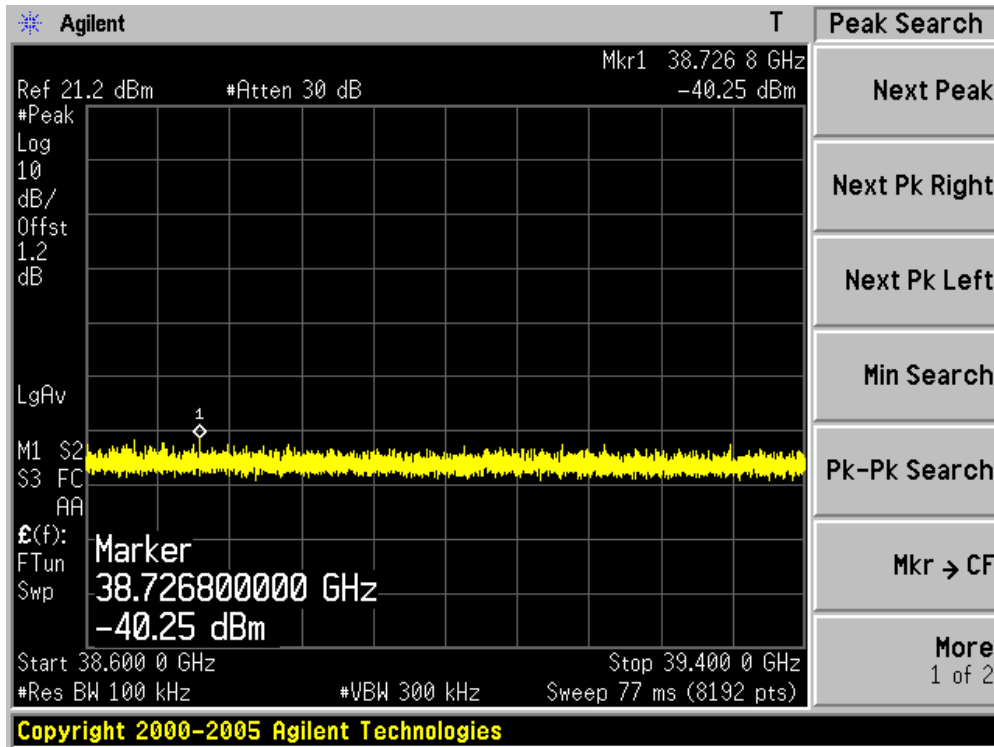
Channel 149 (5745MHz)-16



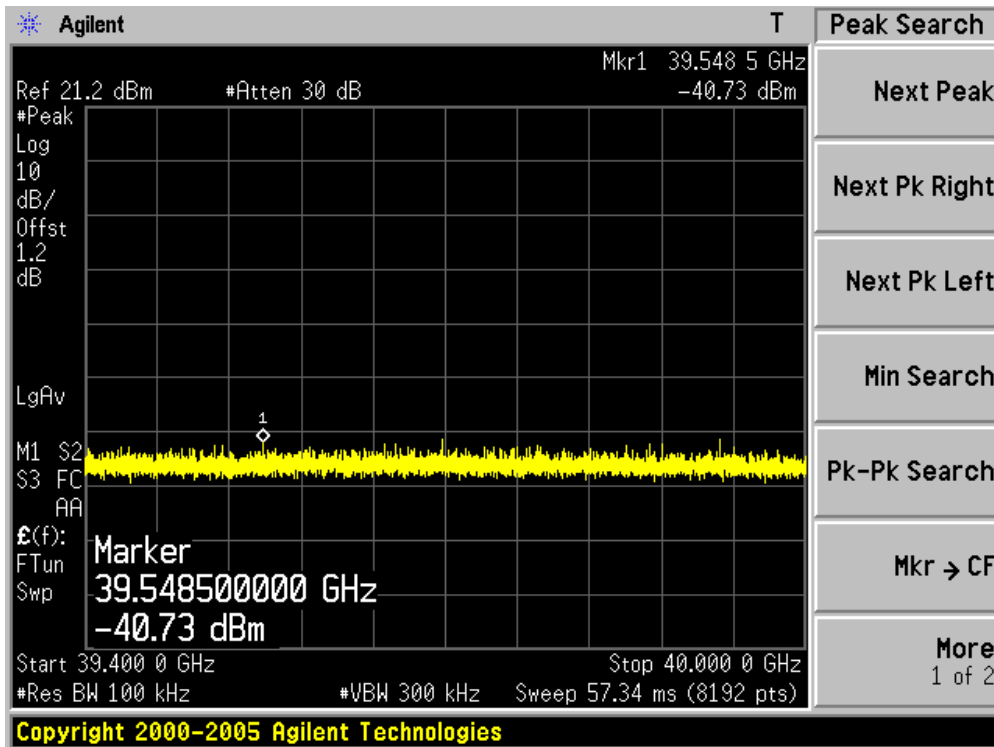
Channel 149 (5745MHz)-17



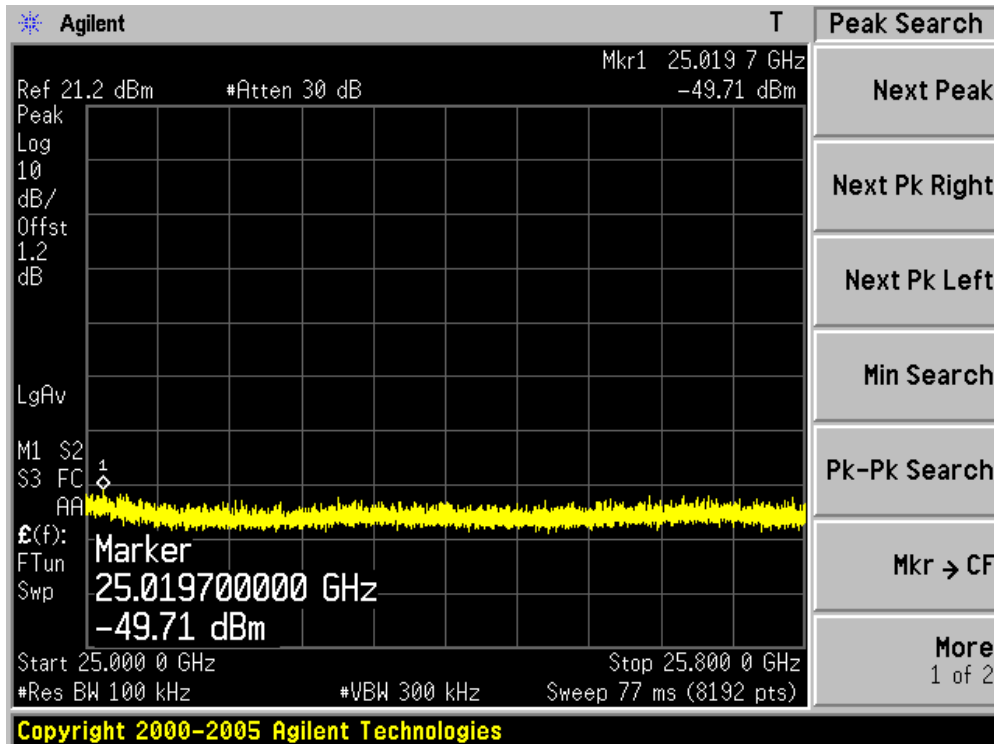
Channel 149 (5745MHz)-18



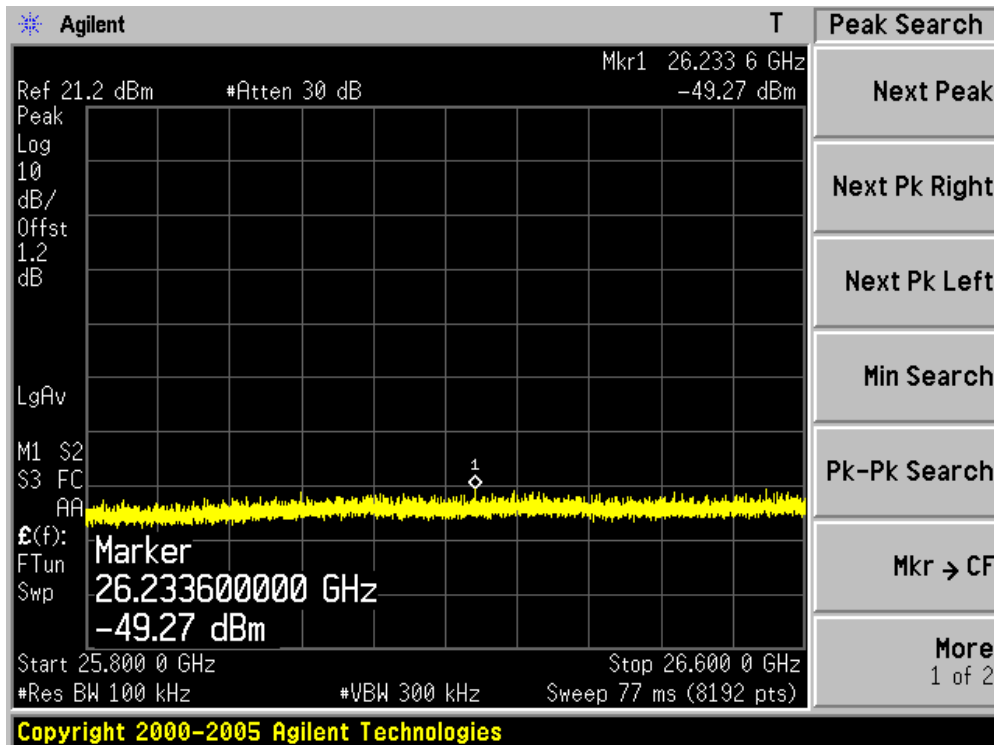
Channel 149 (5745MHz)-19



Channel 157 (5785MHz)-1

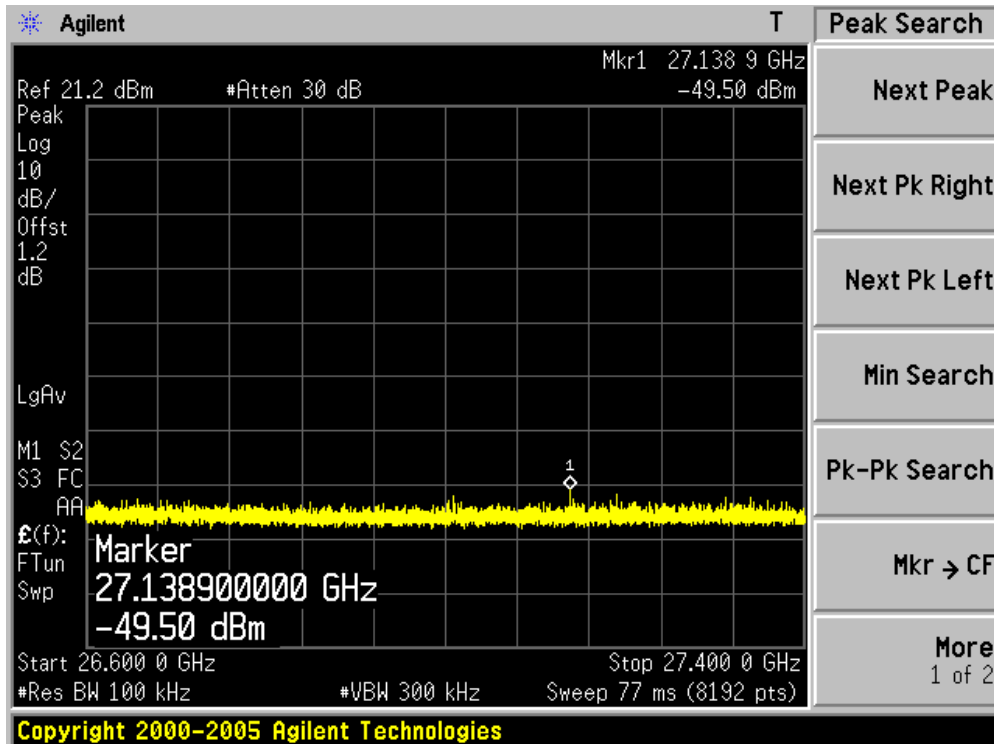


Channel 157 (5785MHz)-2

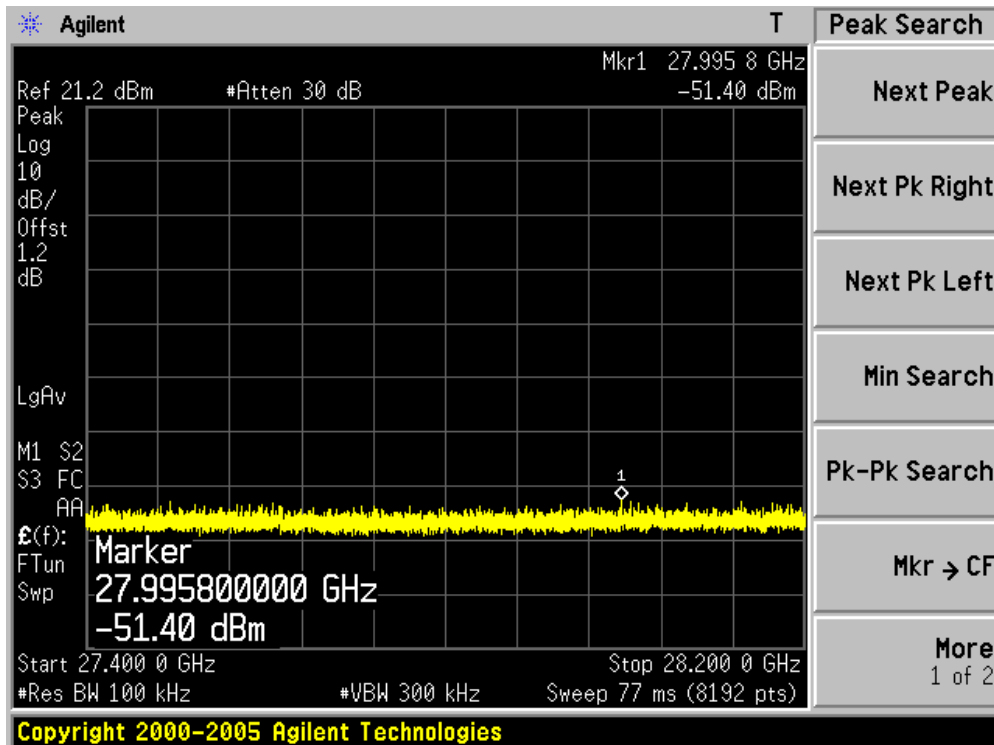




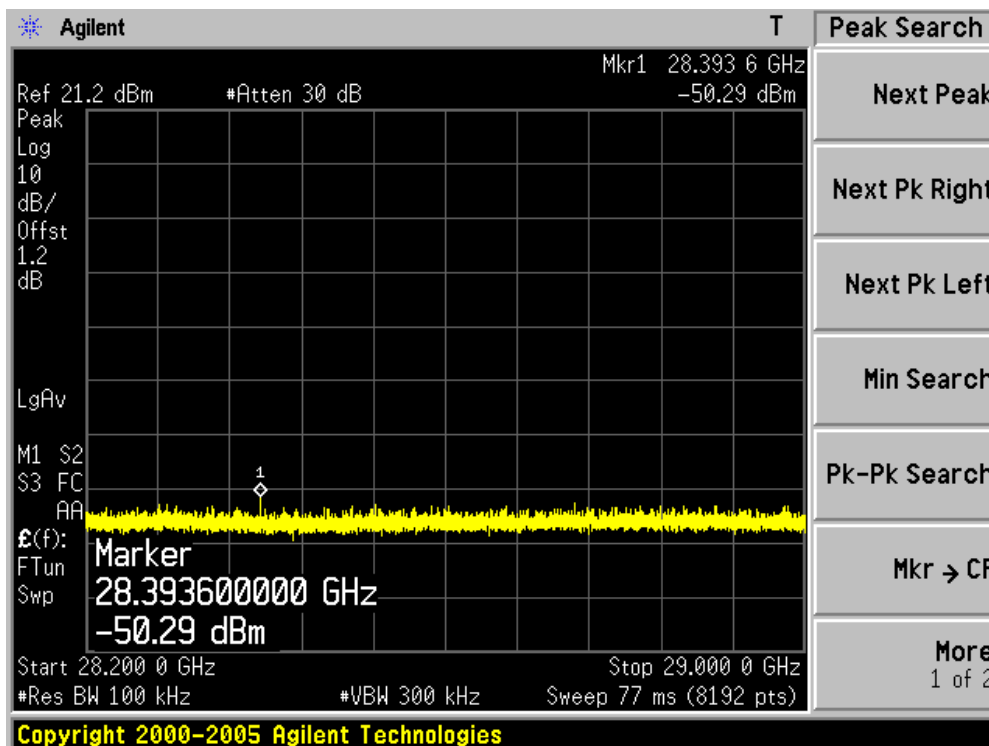
Channel 157 (5785MHz)-3



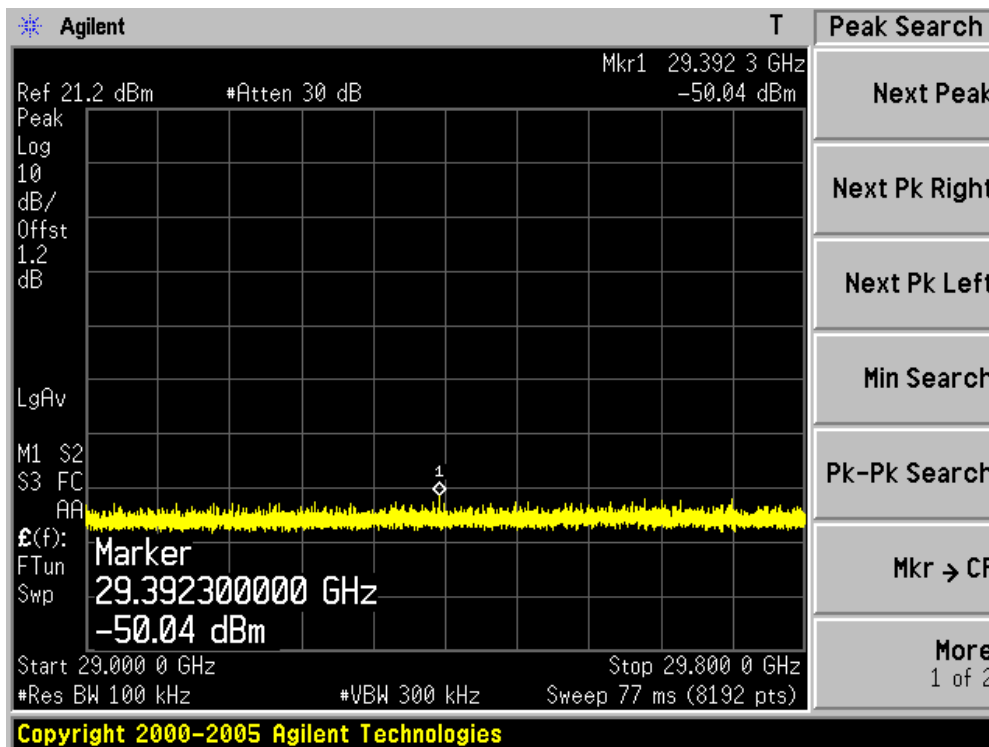
Channel 157 (5785MHz)-4



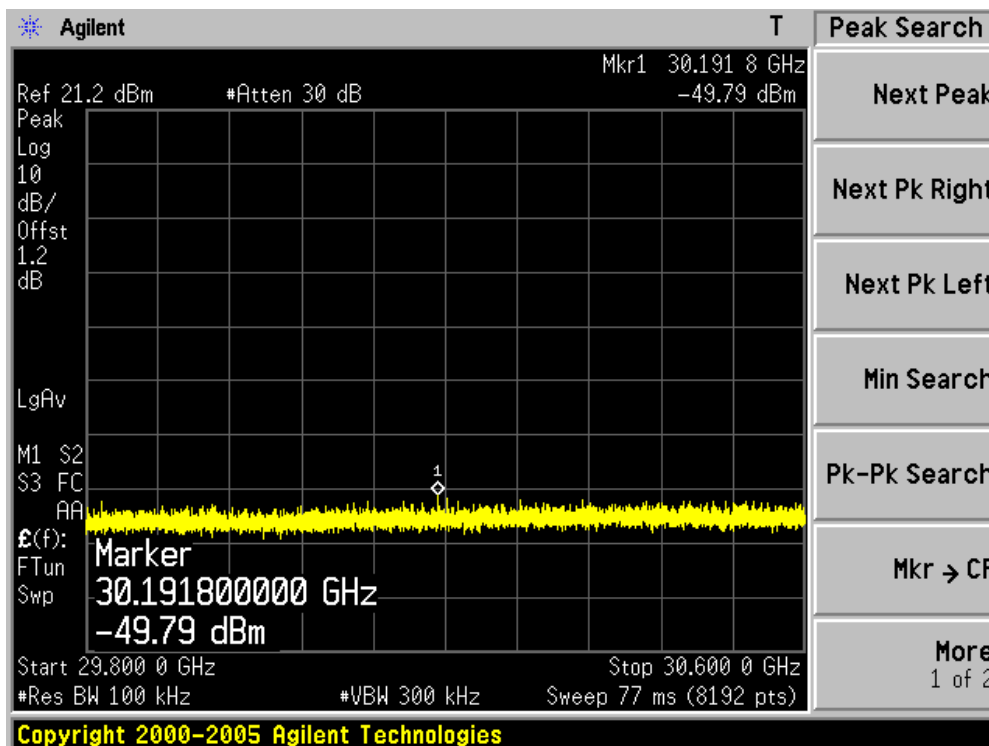
Channel 157 (5785MHz)-5



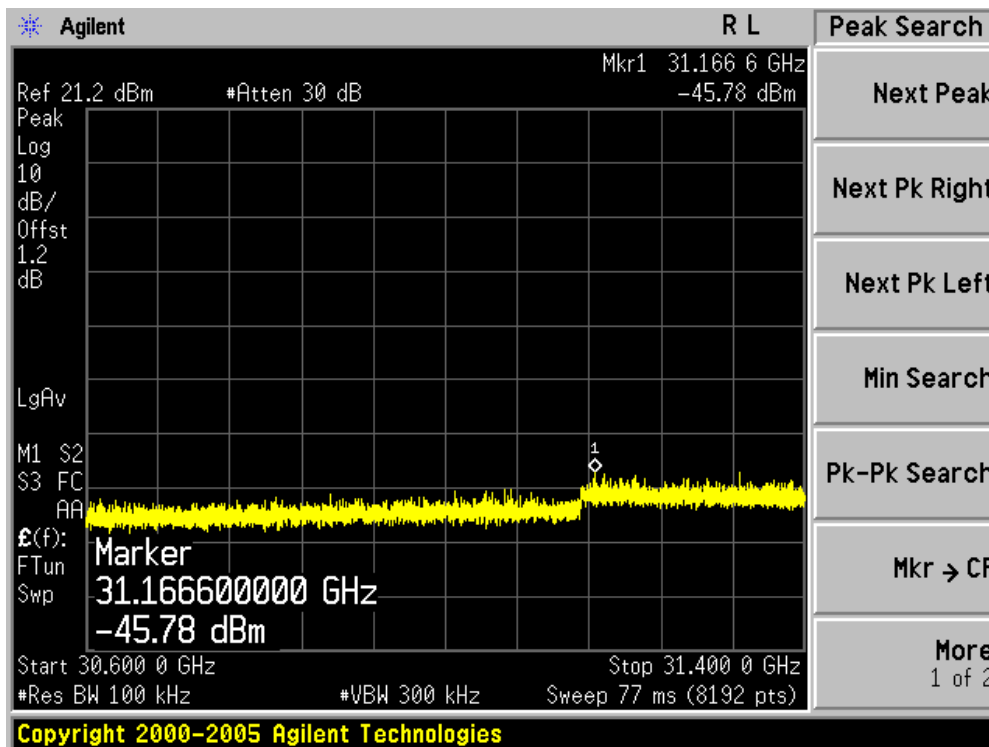
Channel 157 (5785MHz)-6



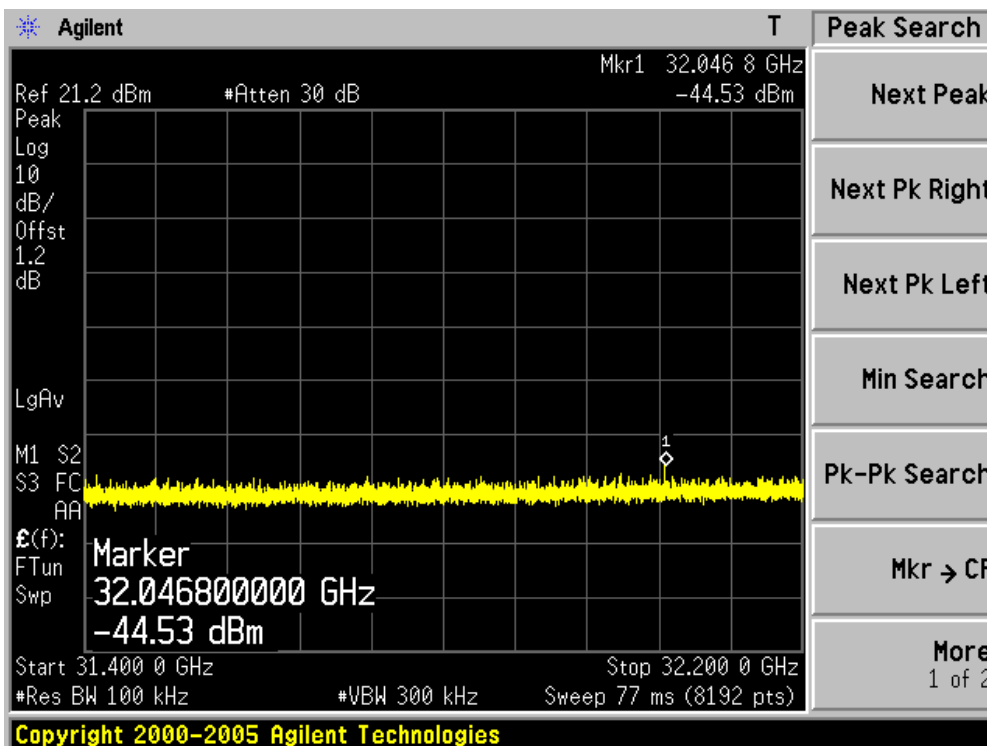
Channel 157 (5785MHz)-7



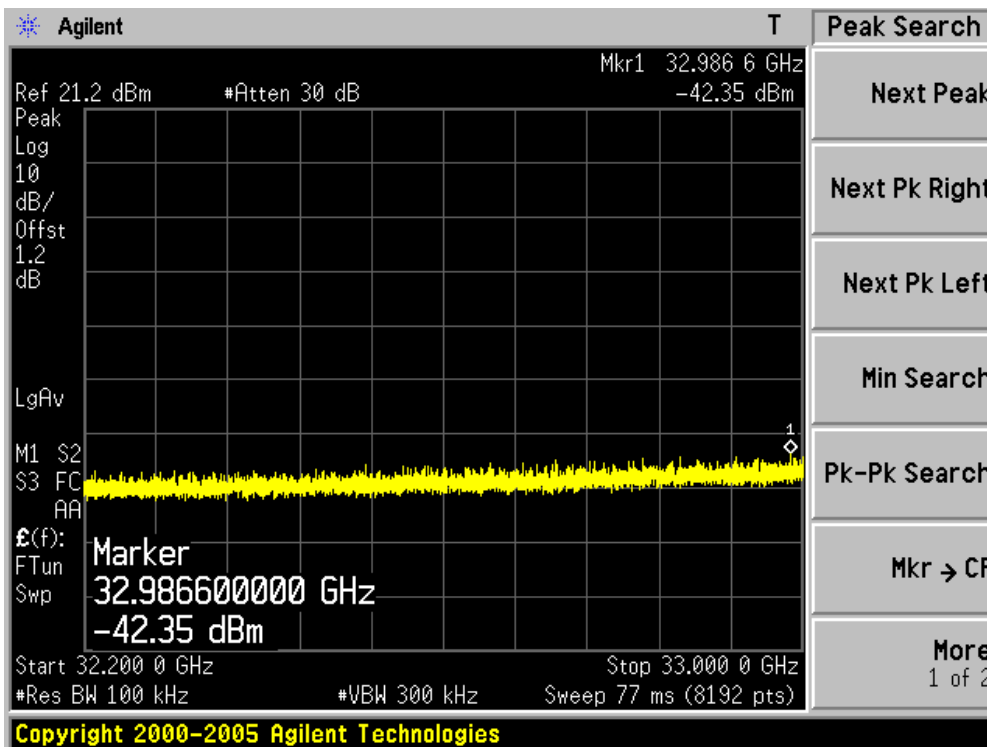
Channel 157 (5785MHz)-8



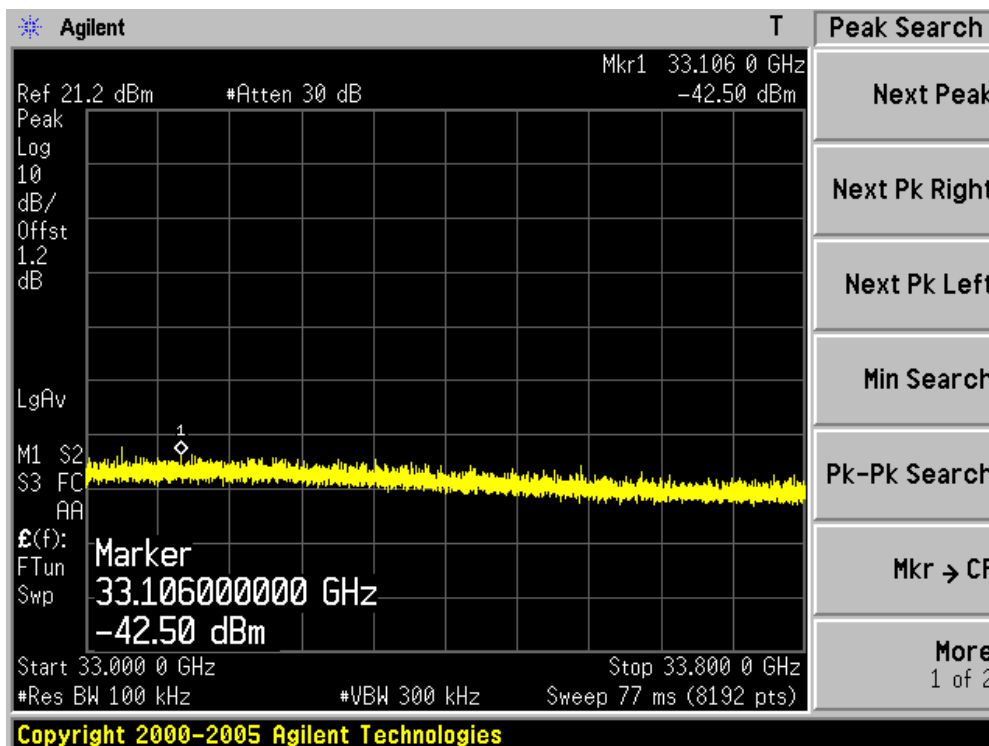
Channel 157 (5785MHz)-9



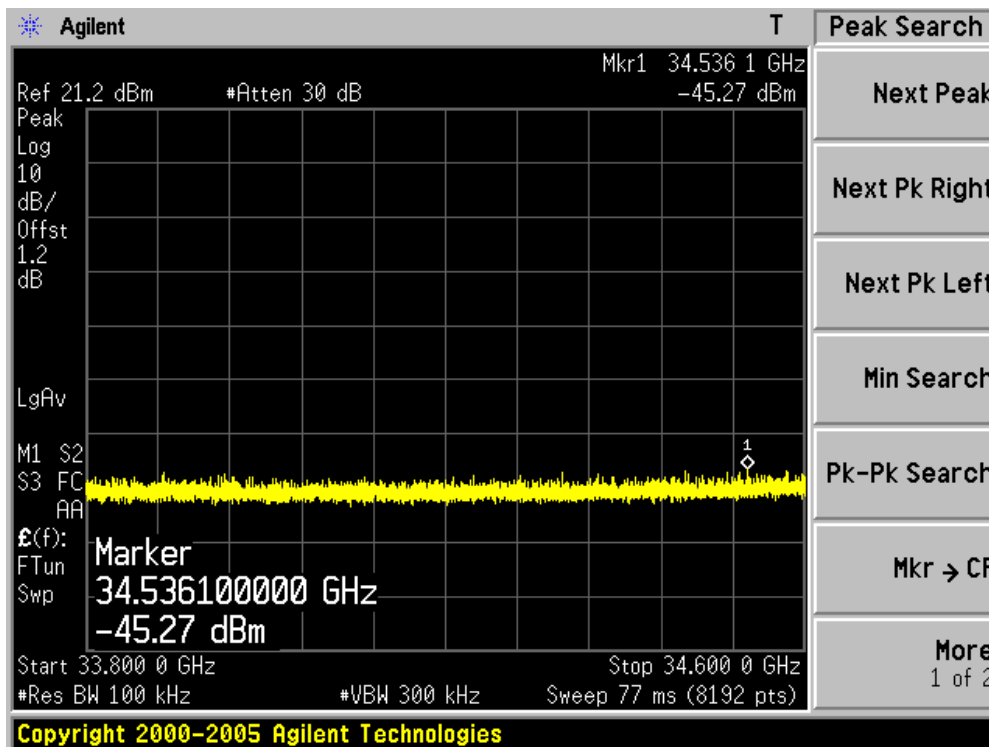
Channel 157 (5785MHz)-10



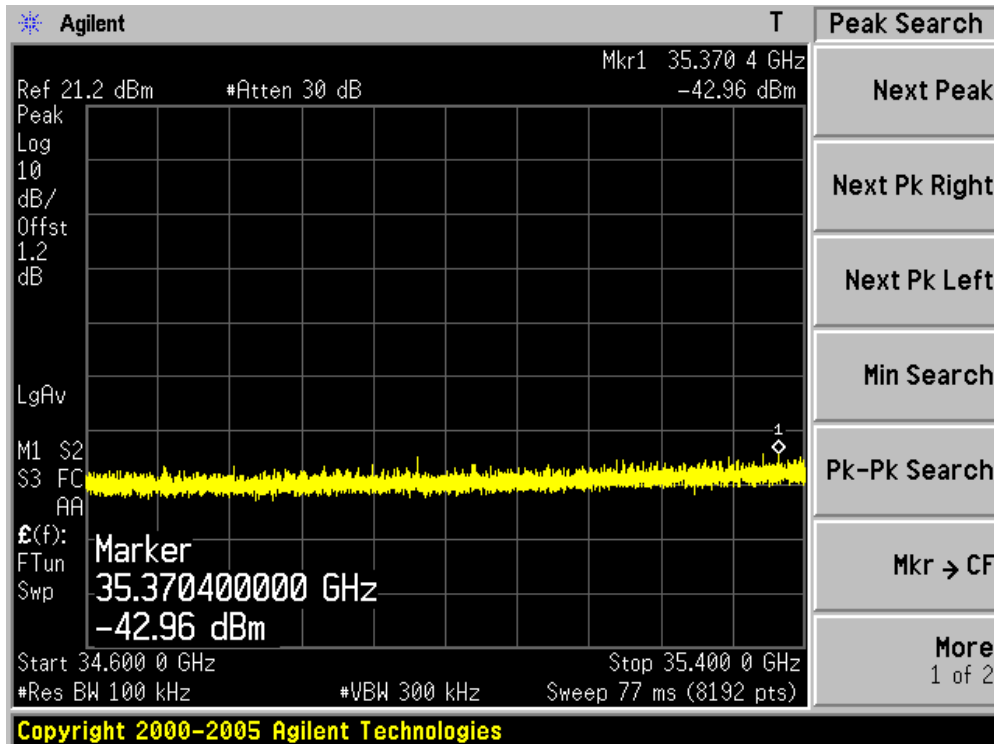
Channel 157 (5785MHz)-11



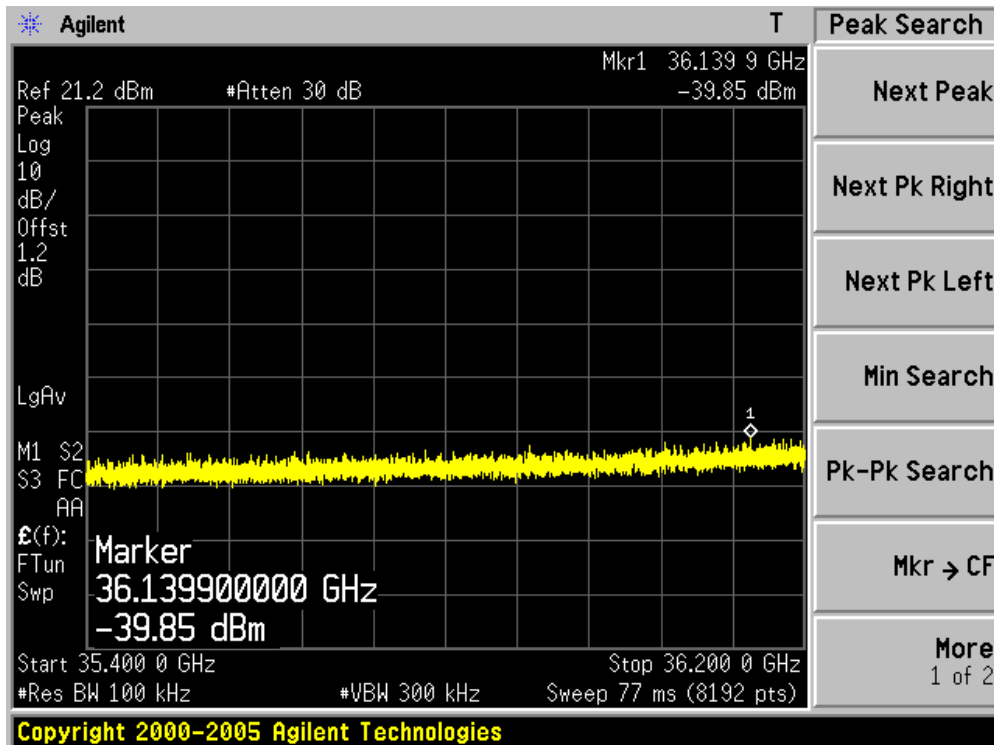
Channel 157 (5785MHz)-12



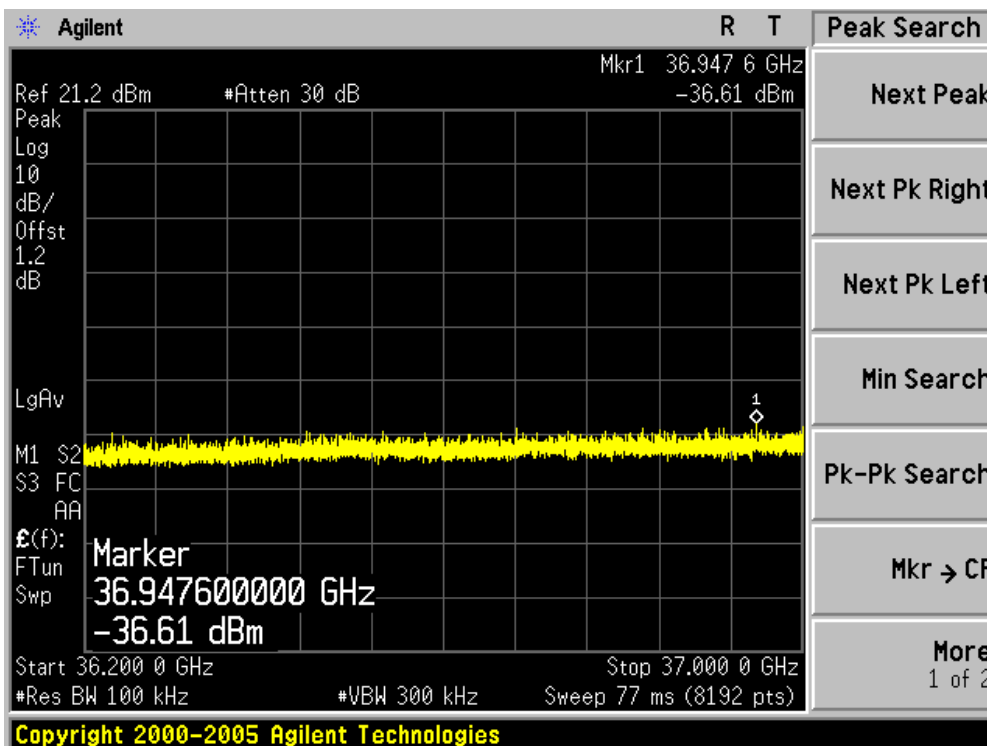
Channel 157 (5785MHz)-13



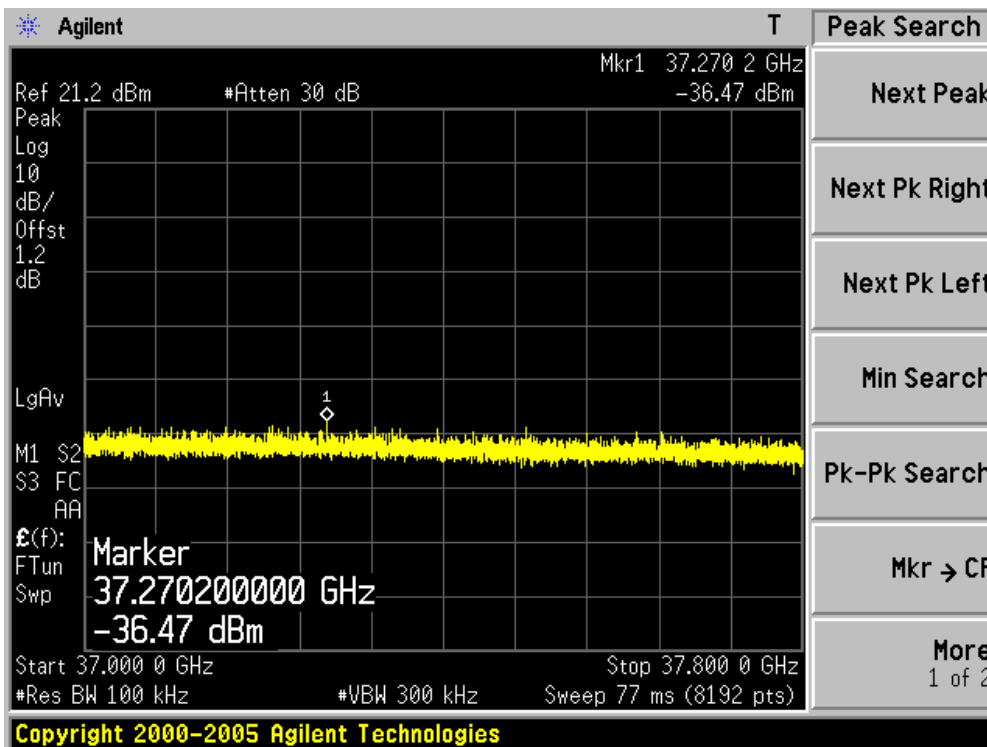
Channel 157 (5785MHz)-14



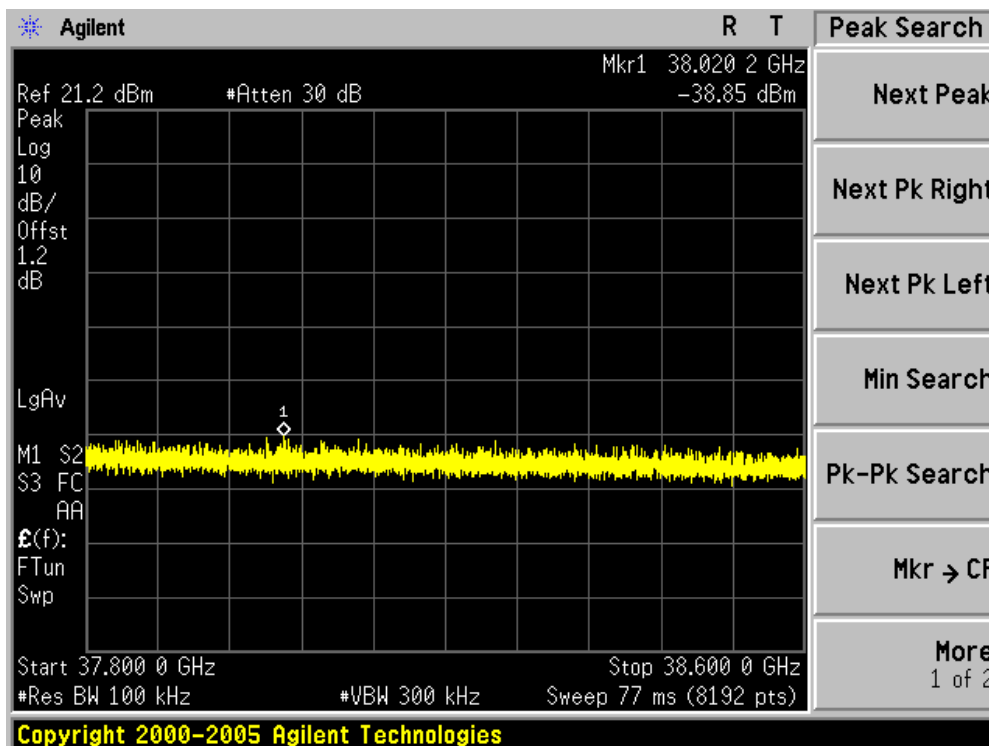
Channel 157 (5785MHz)-15



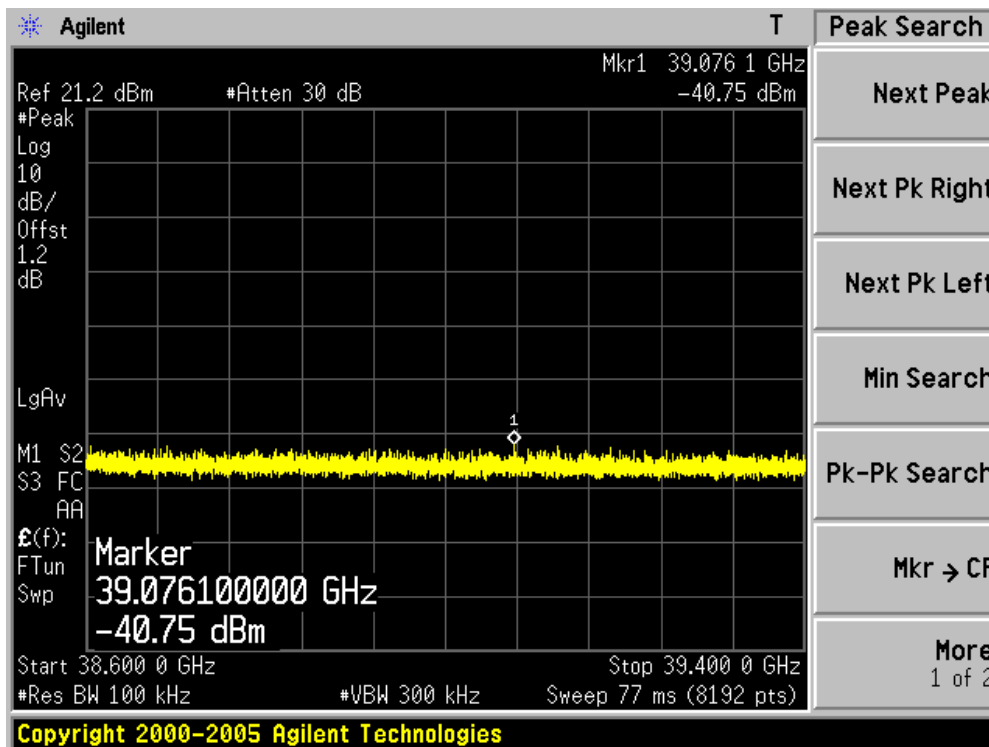
Channel 157 (5785MHz)-16



Channel 157 (5785MHz)-17

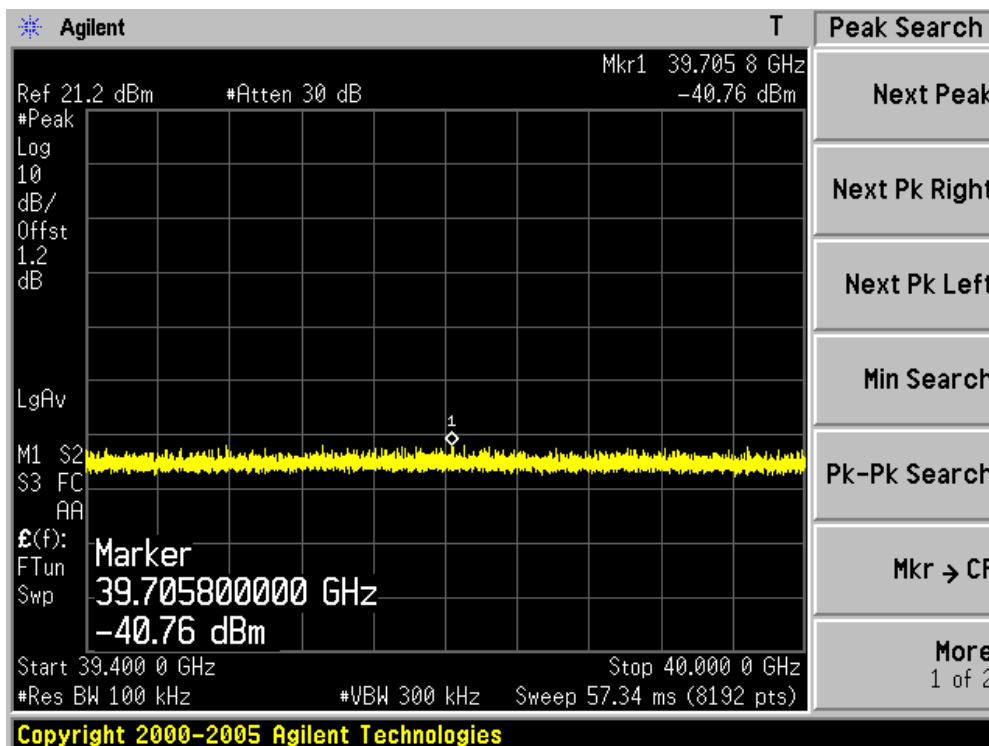


Channel 157 (5785MHz)-18

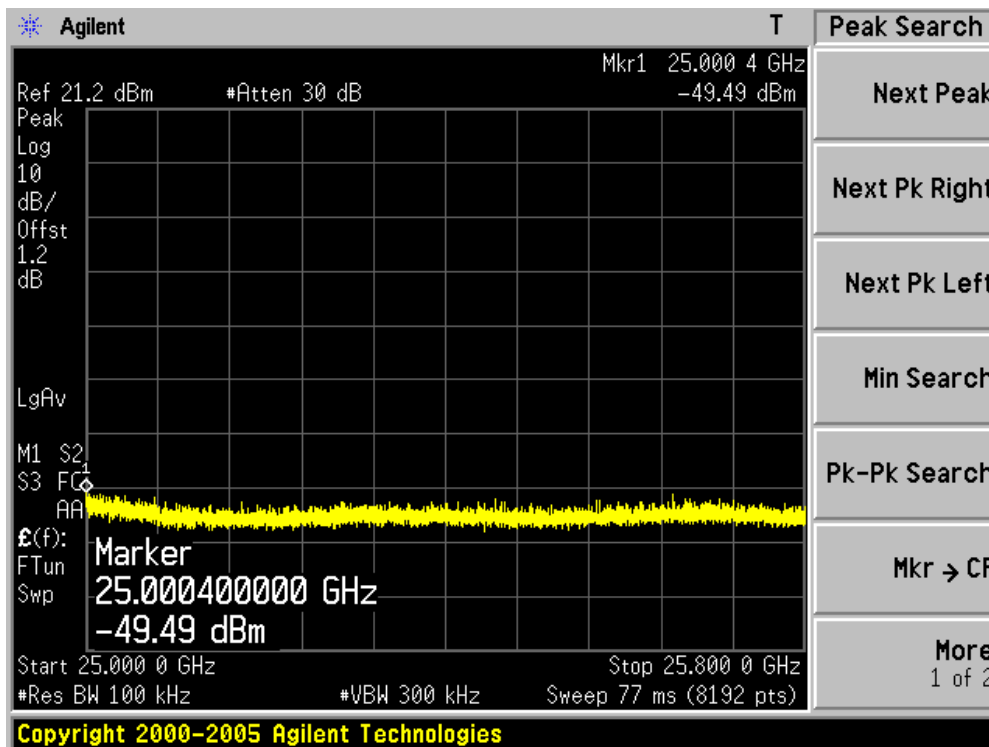




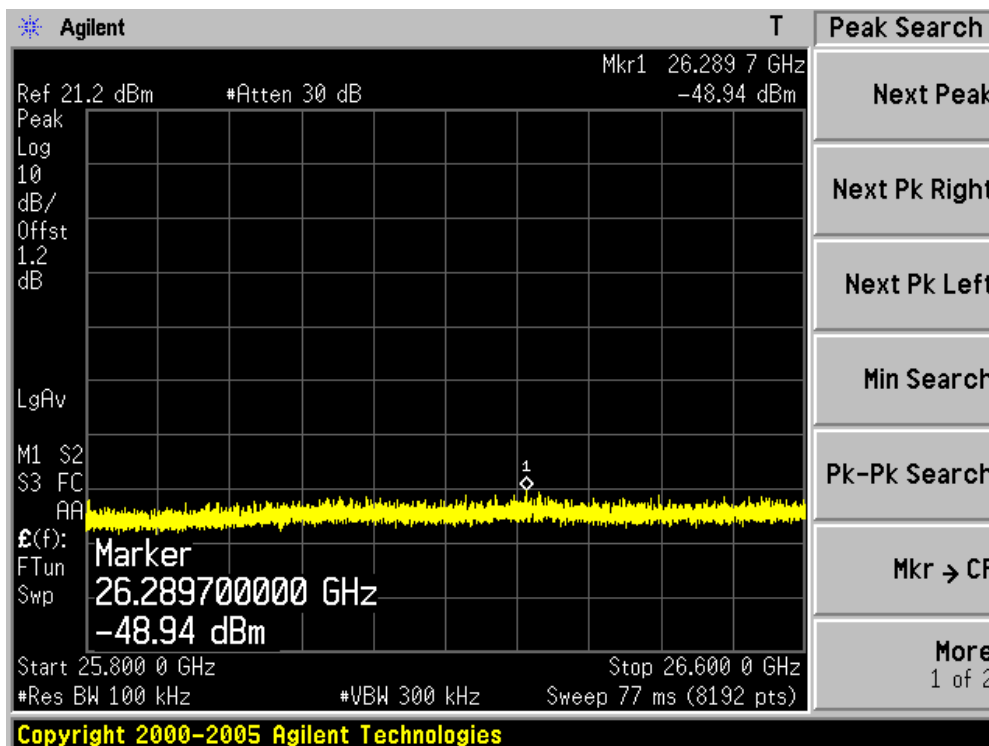
Channel 157 (5785MHz)-19



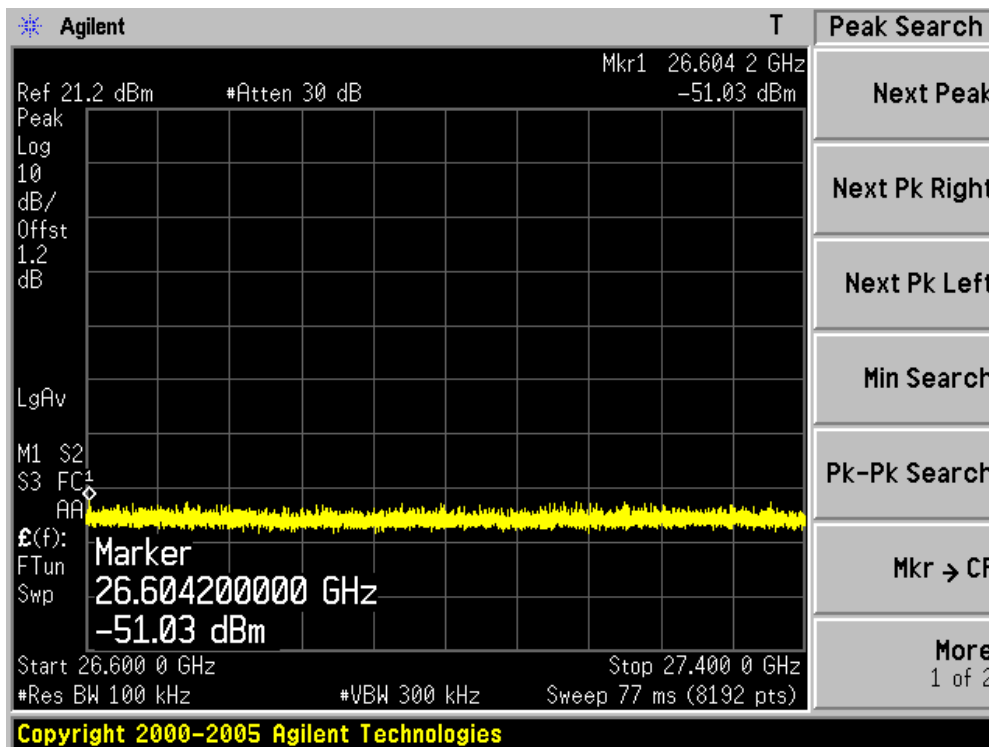
Channel 165 (5825MHz)-1



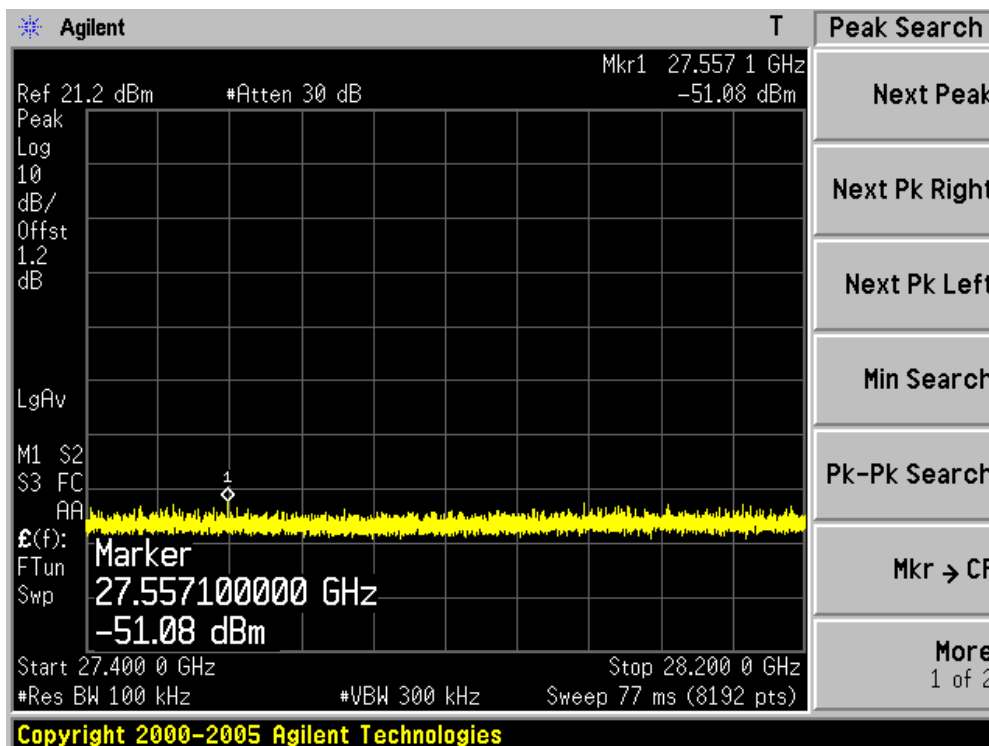
Channel 165 (5825MHz)-2



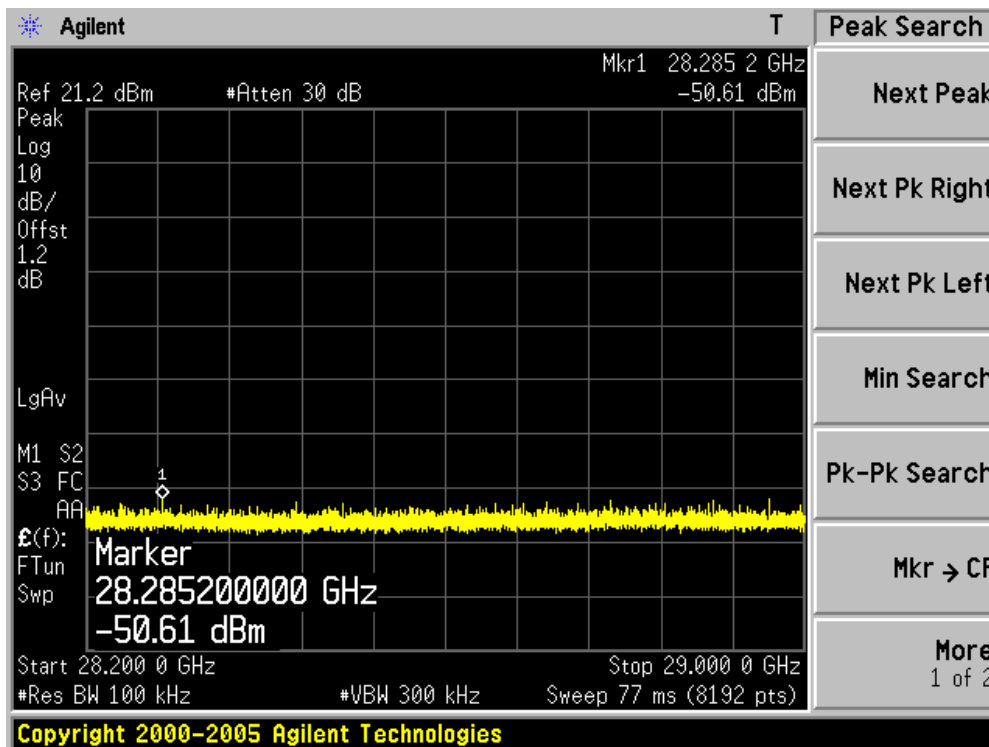
Channel 165 (5825MHz)-3



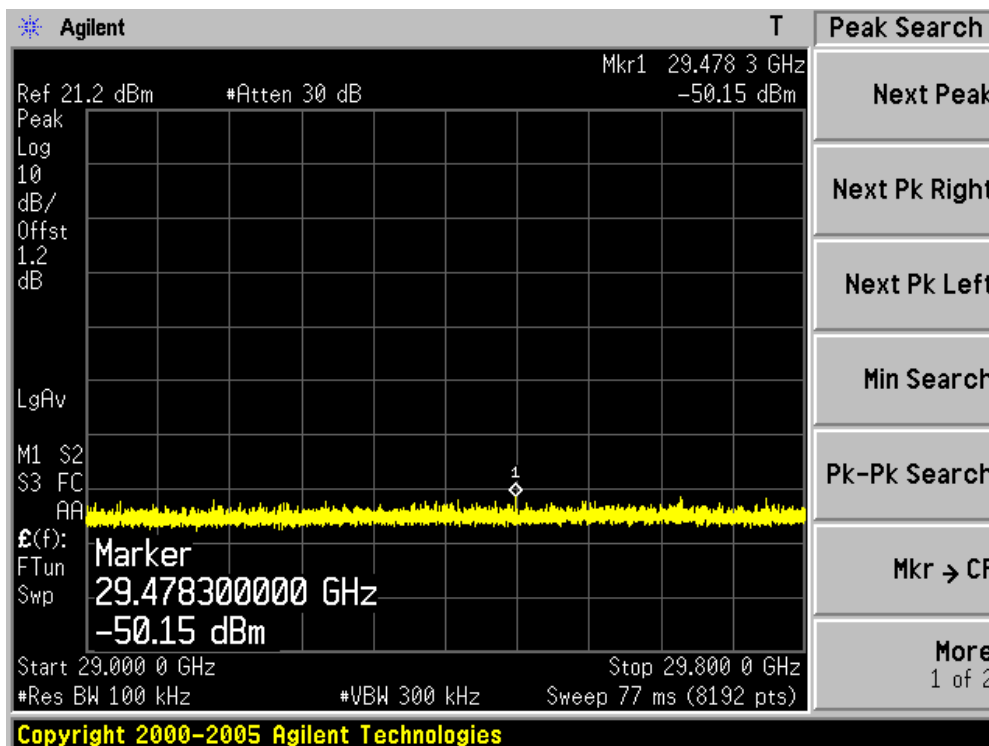
Channel 165 (5825MHz)-4



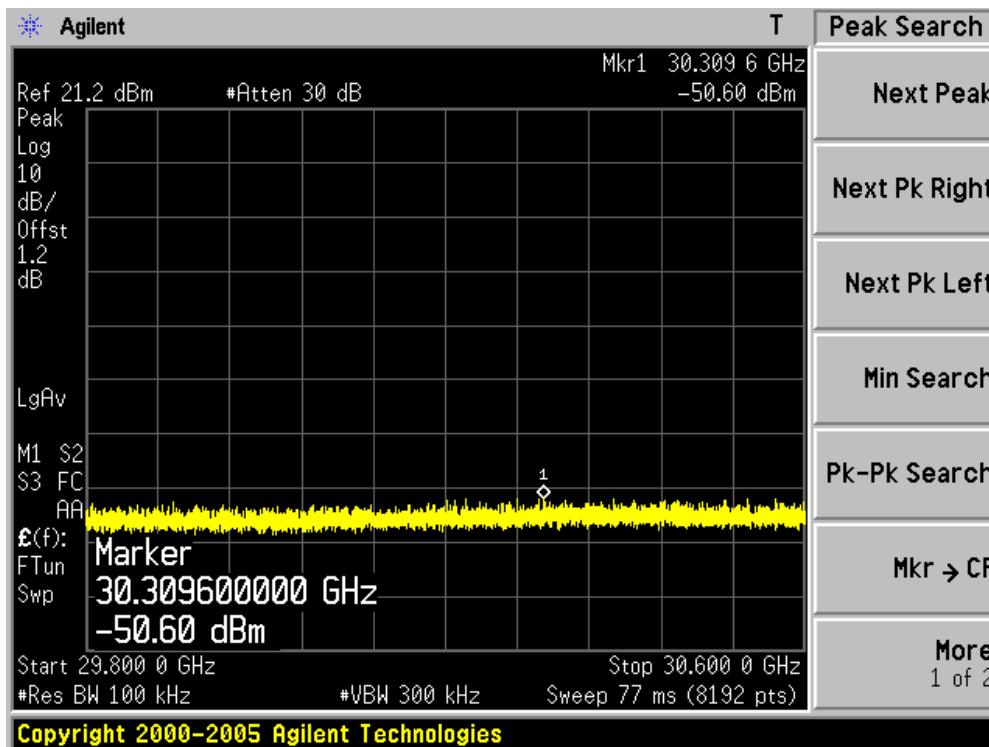
Channel 165 (5825MHz)-5



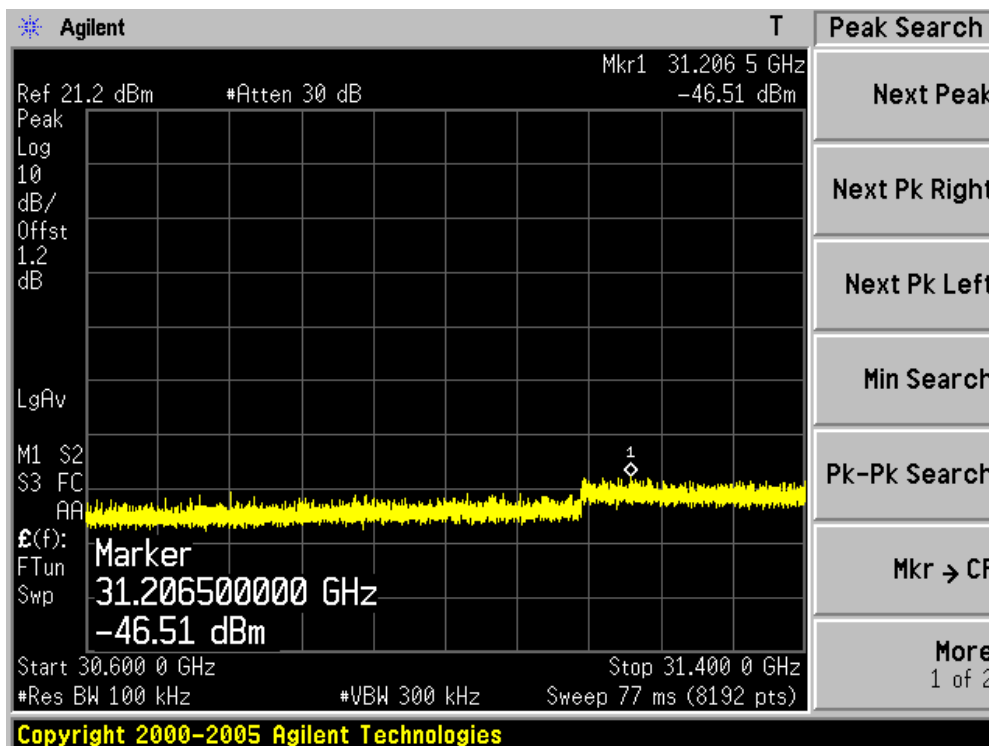
Channel 165 (5825MHz)-6



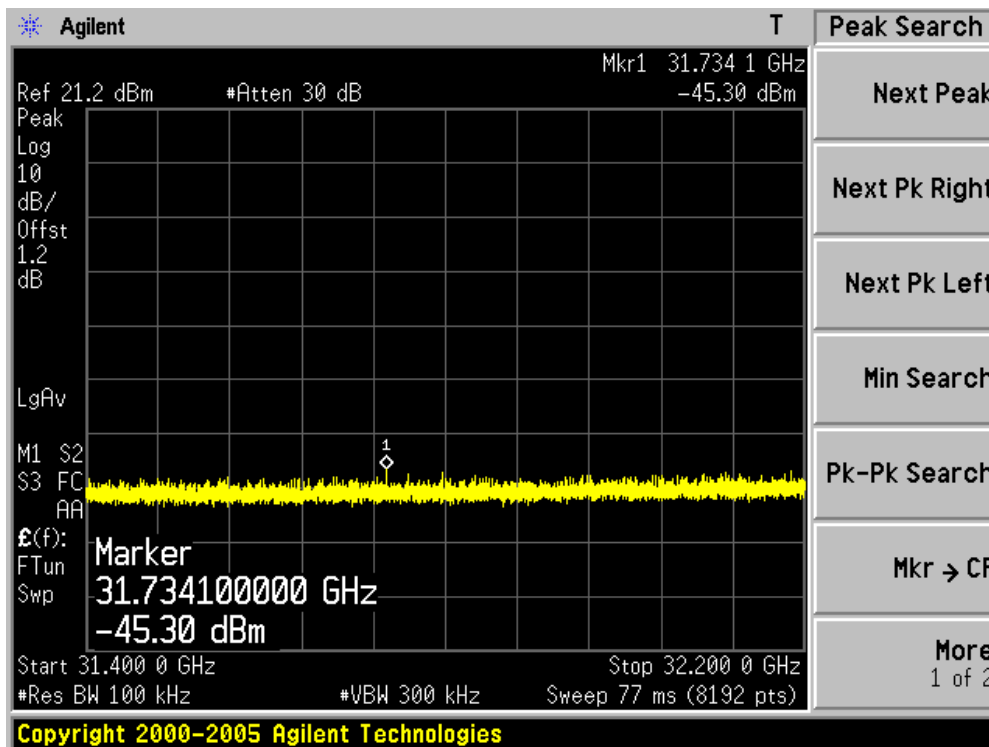
Channel 165 (5825MHz)-7



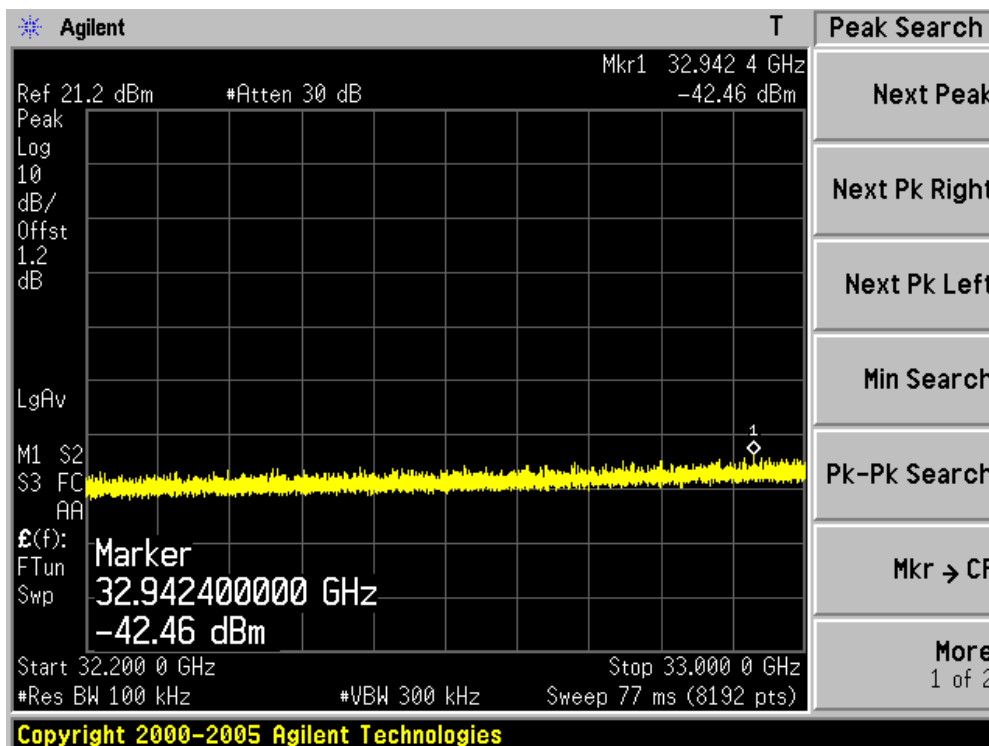
Channel 165 (5825MHz)-8



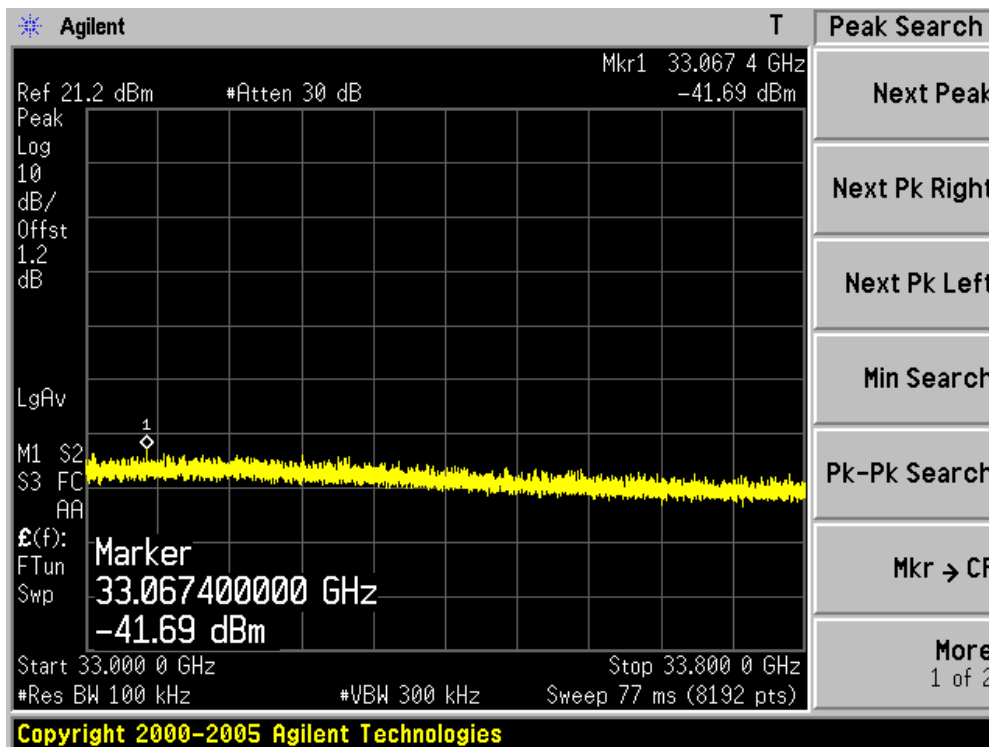
Channel 165 (5825MHz)-9



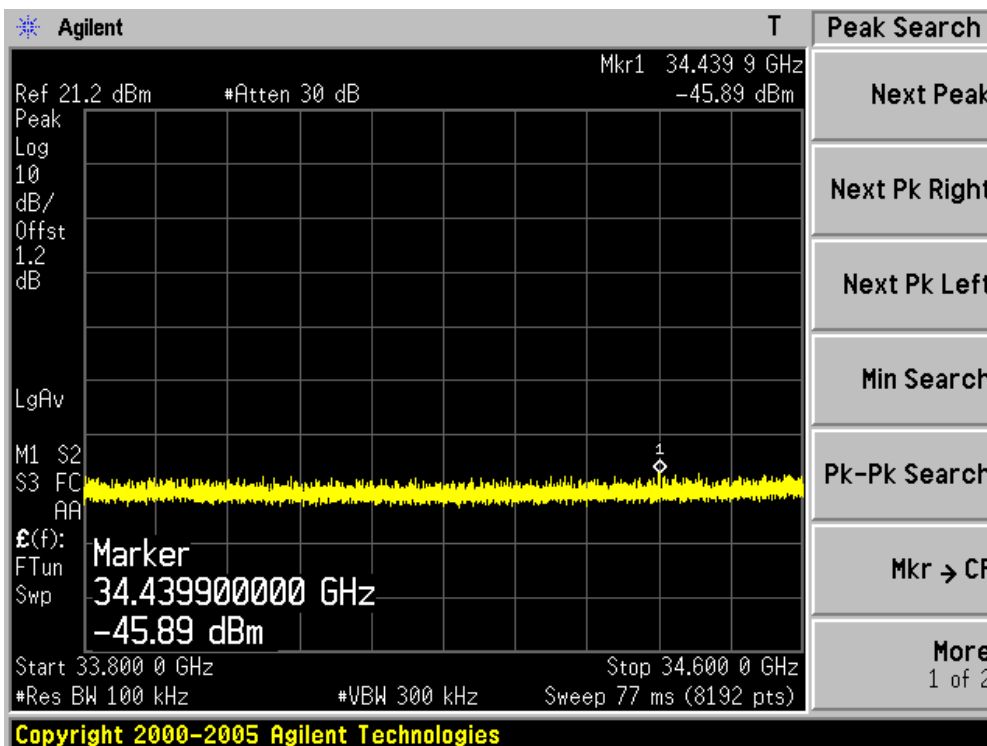
Channel 165 (5825MHz)-10



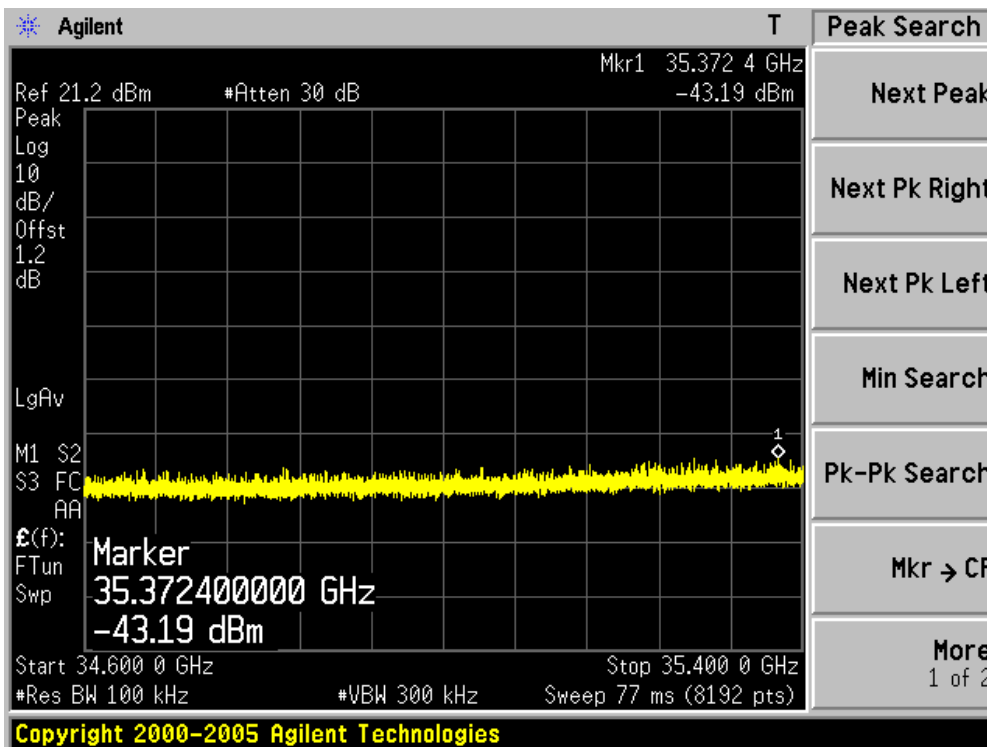
Channel 165 (5825MHz)-11



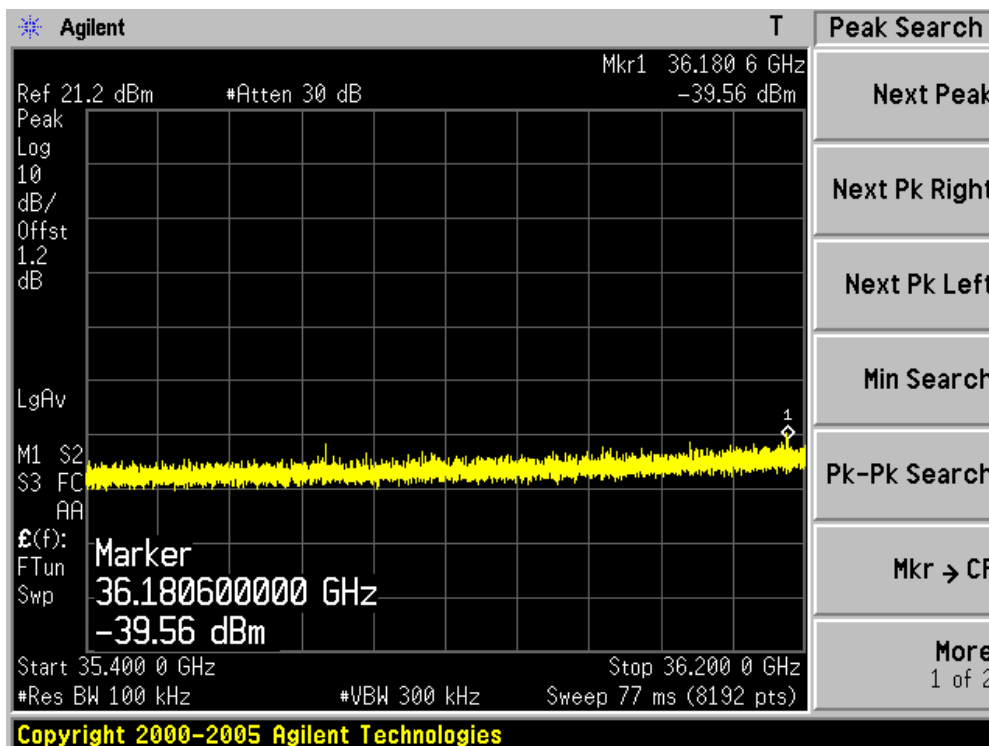
Channel 165 (5825MHz)-12



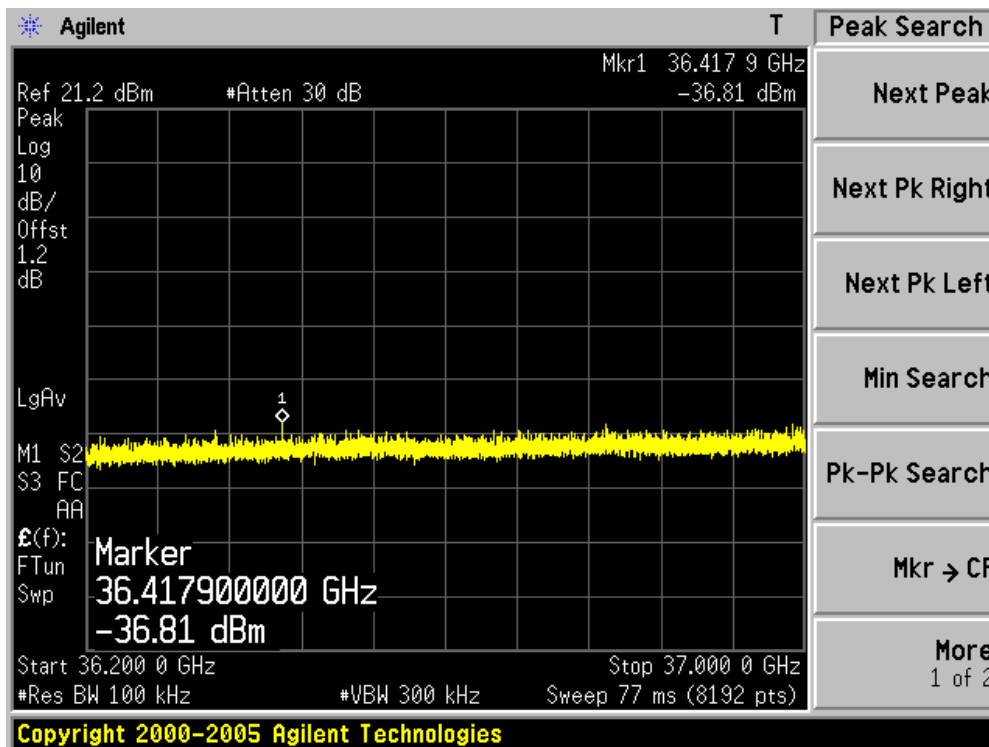
Channel 165 (5825MHz)-13



Channel 165 (5825MHz)-14

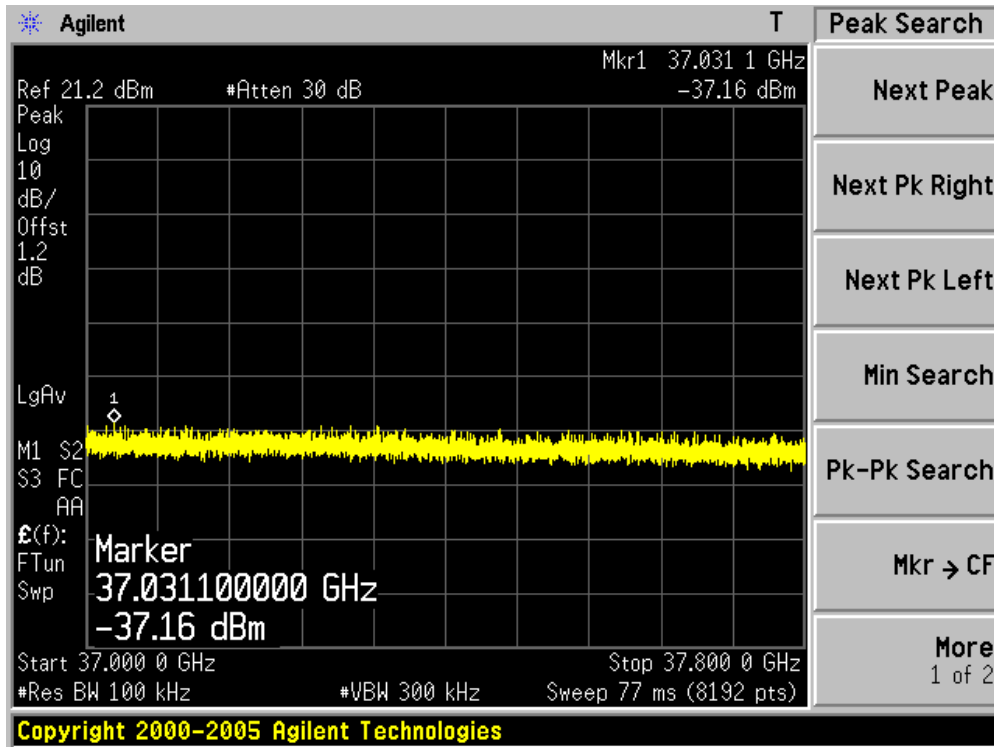


Channel 165 (5825MHz)-15

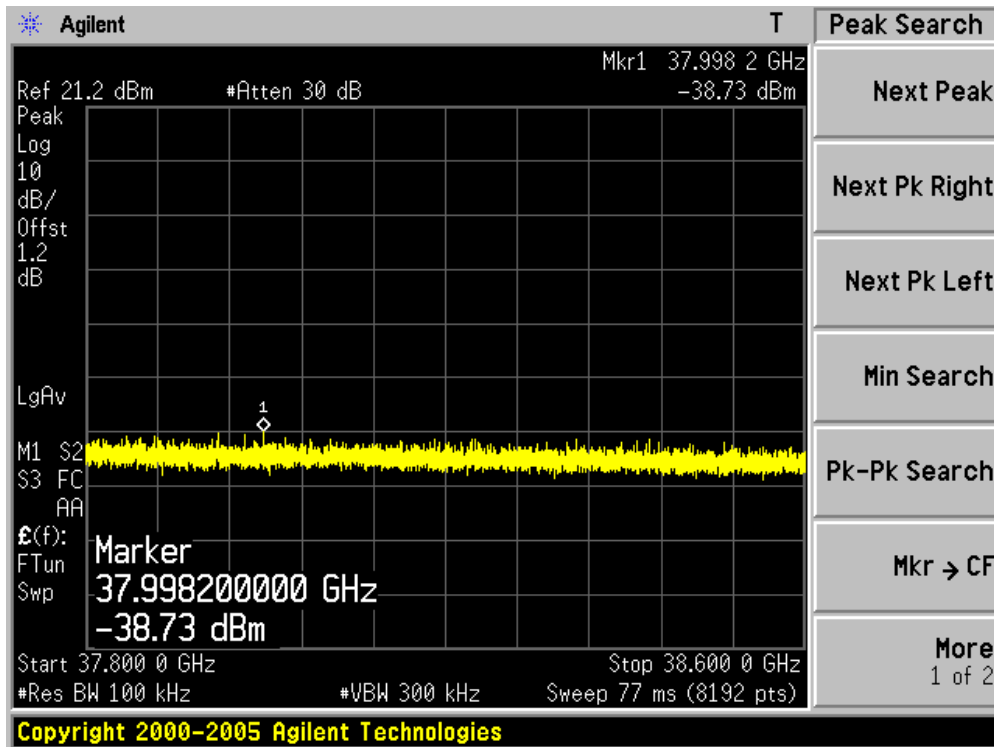




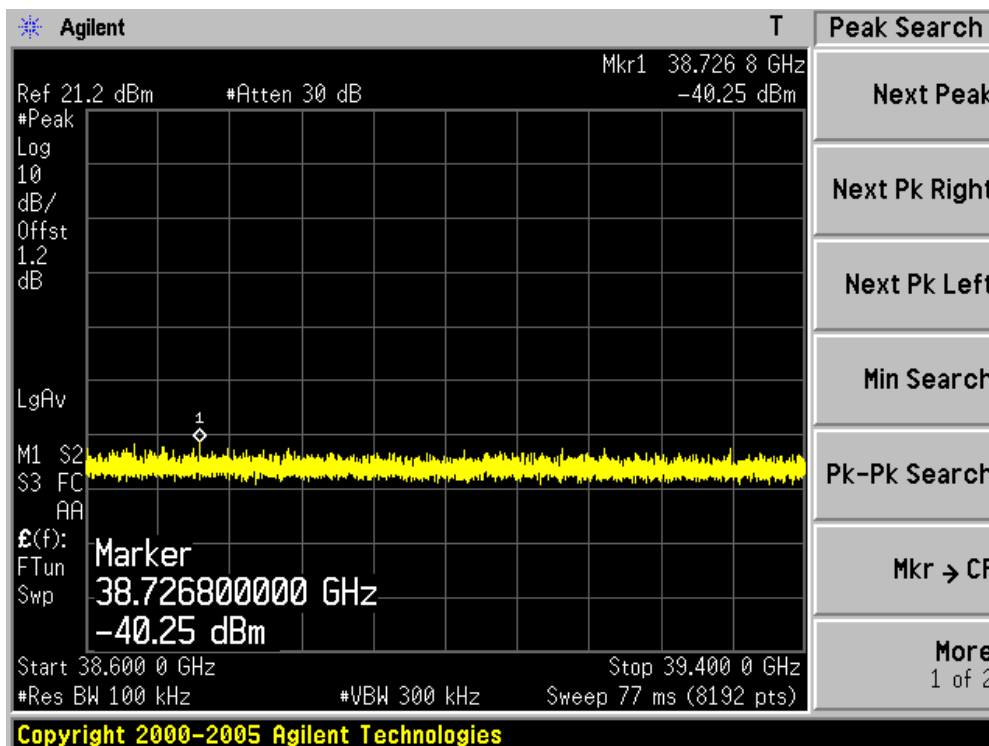
Channel 165 (5825MHz)-16



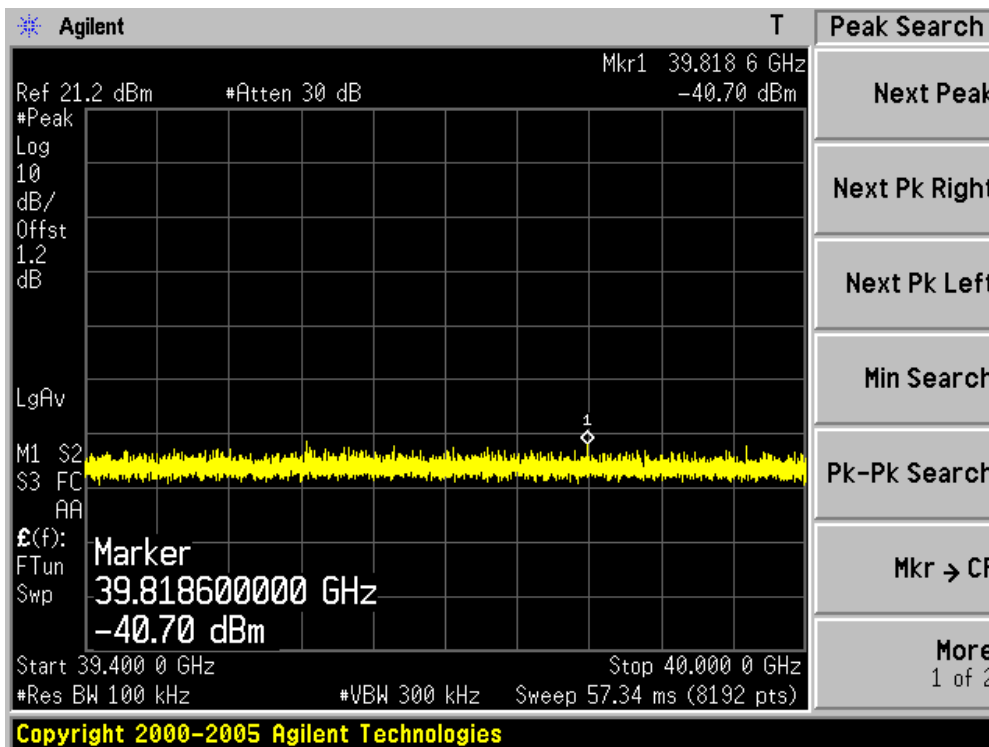
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

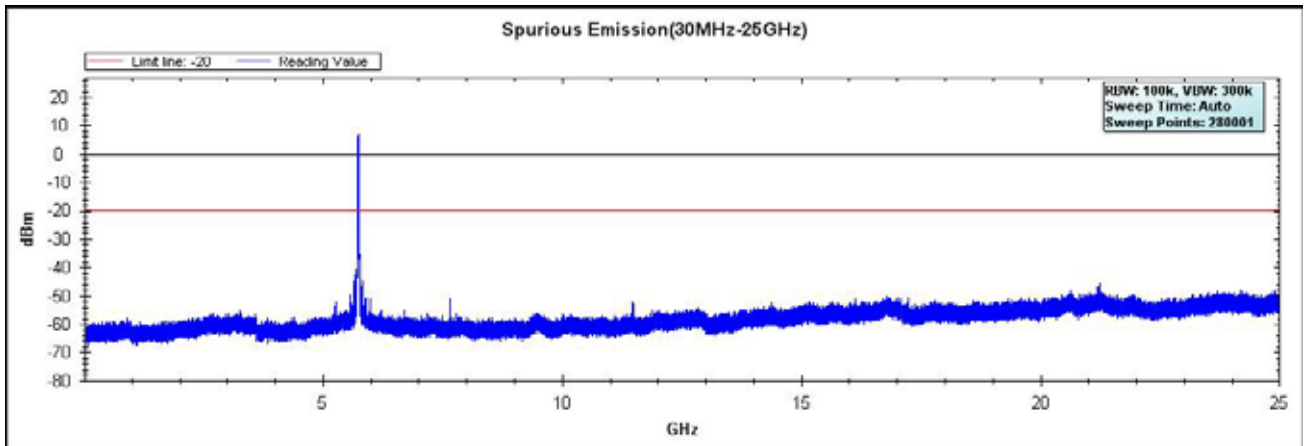


Channel 165 (5825MHz)-19

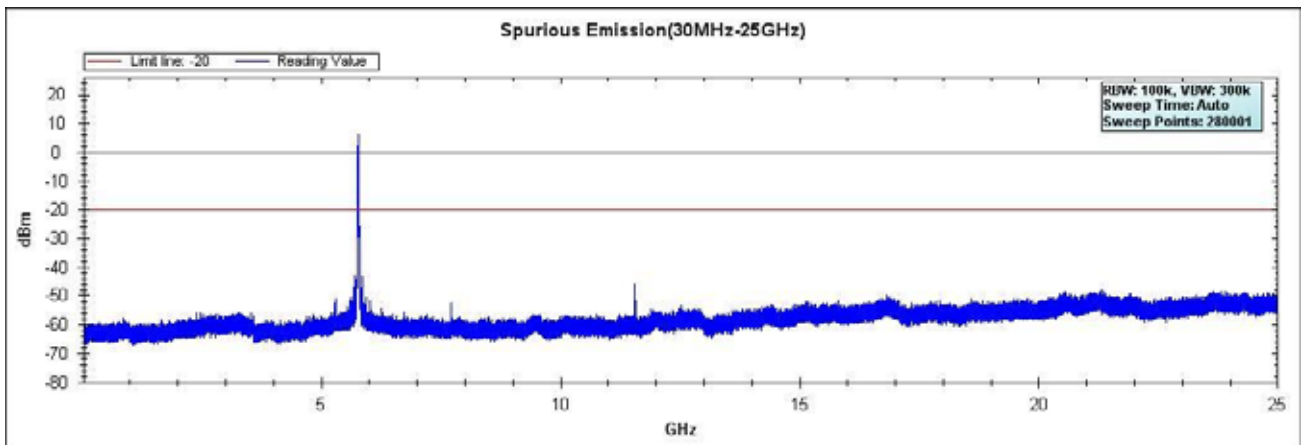


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 1)

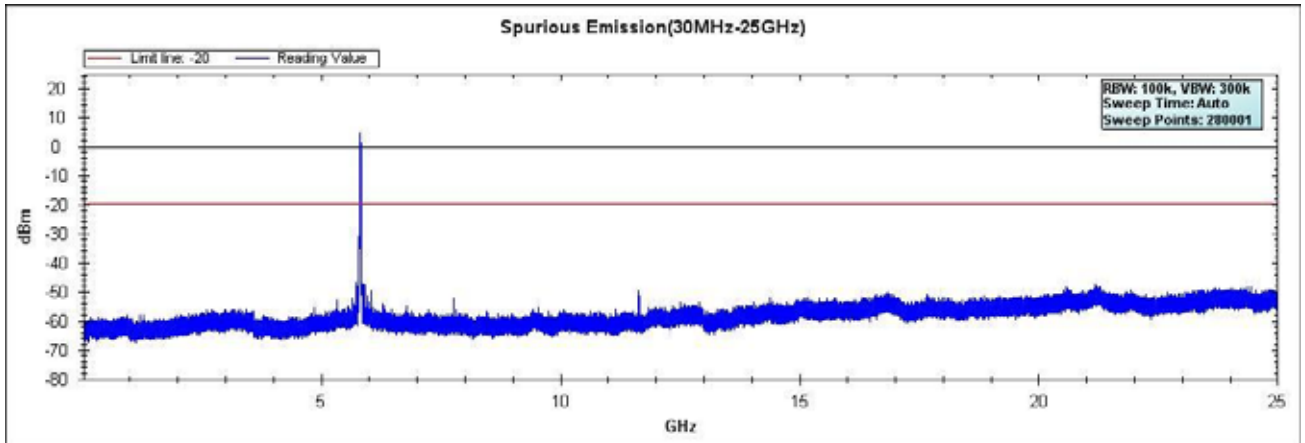
**Channel 149 (5745MHz)**



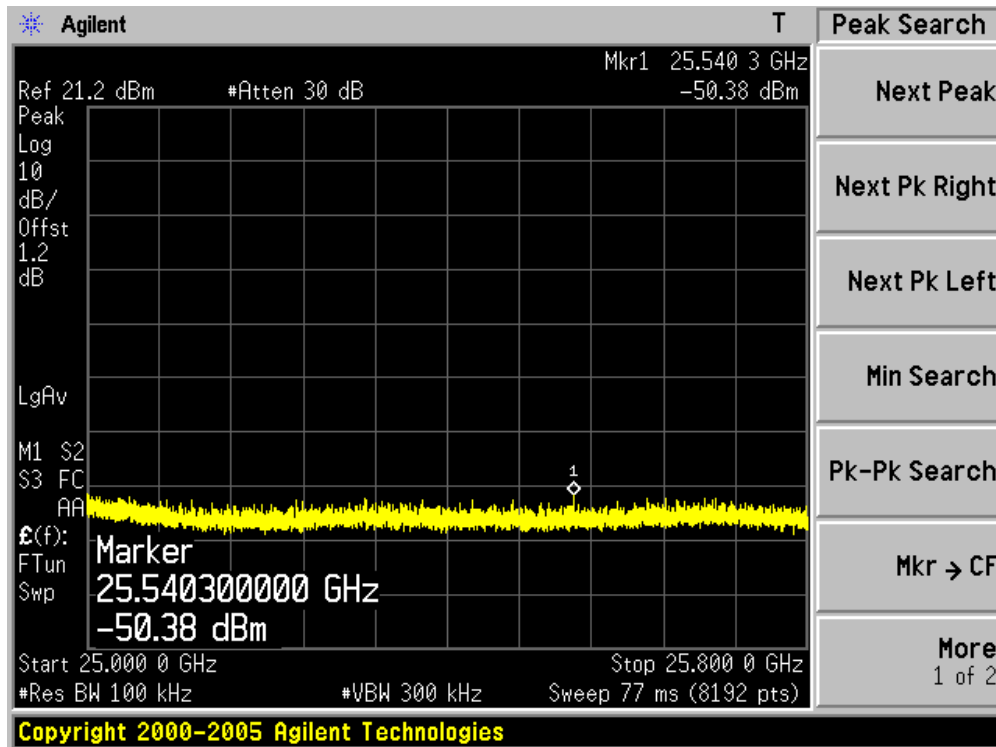
**Channel 157 (5785MHz)**



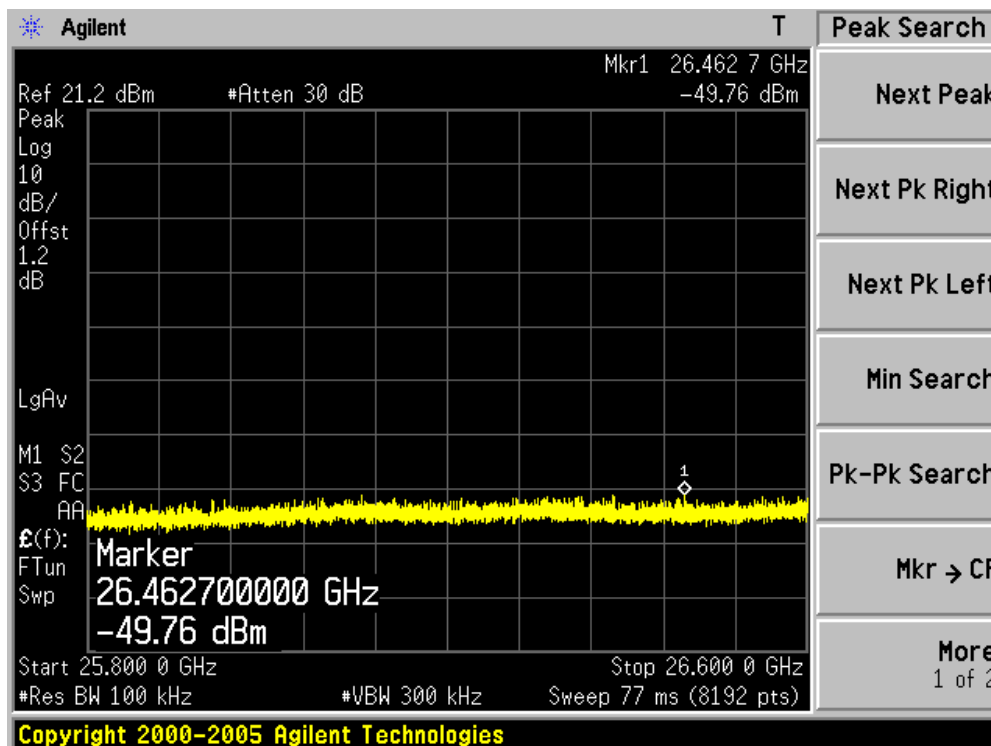
Channel 165 (5825MHz)



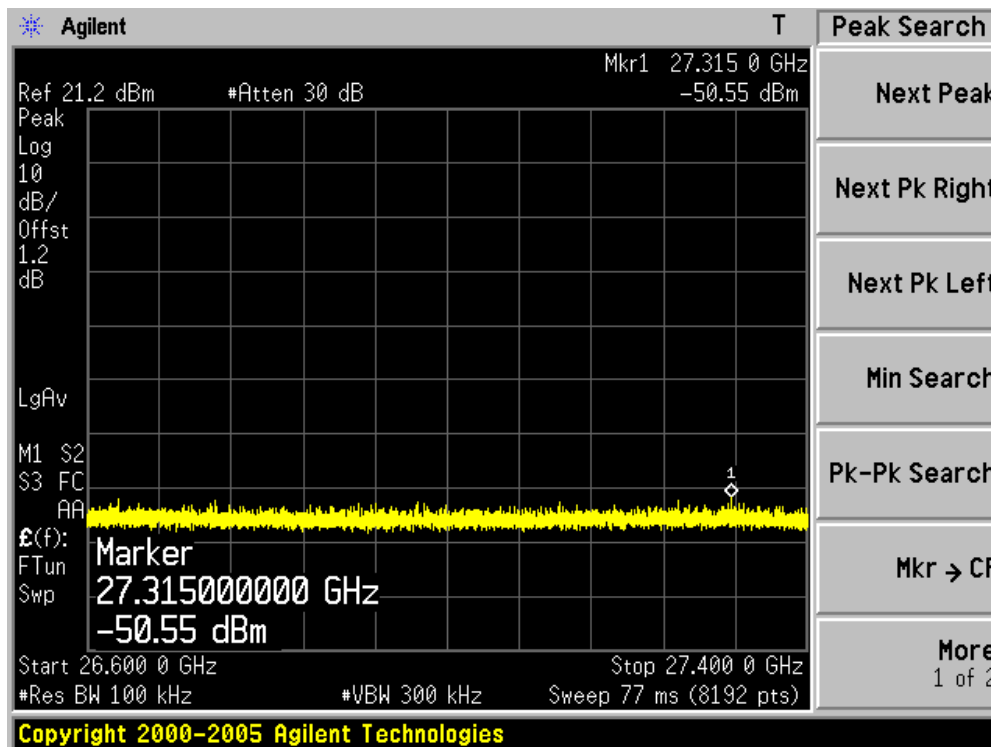
Channel 149 (5745MHz)-1



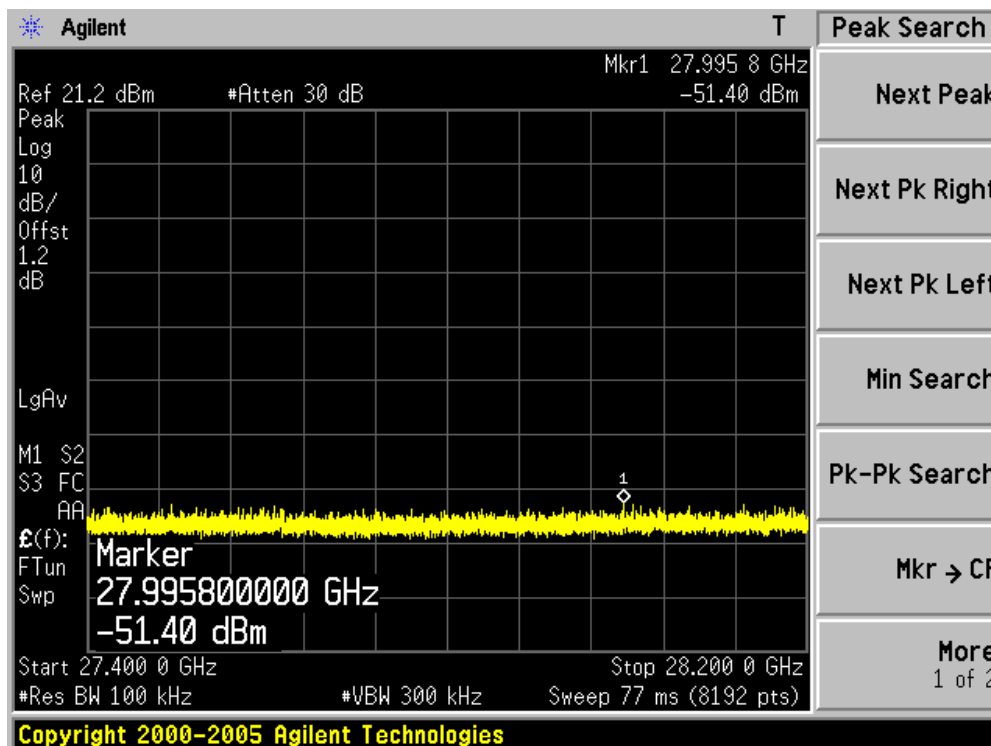
Channel 149 (5745MHz)-2



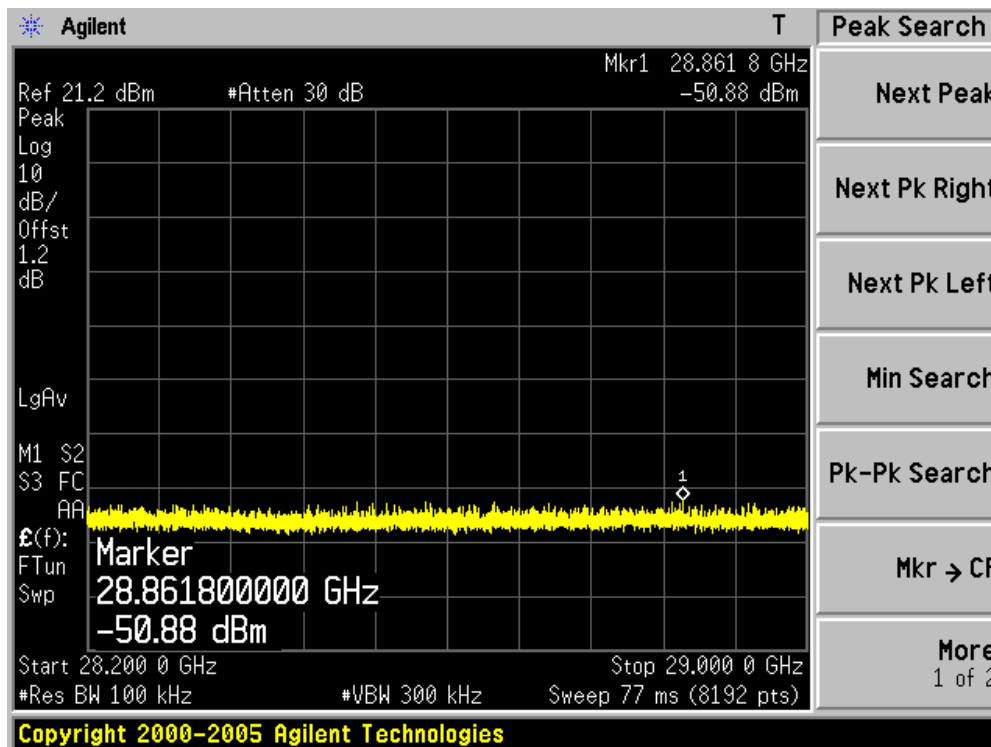
Channel 149 (5745MHz)-3



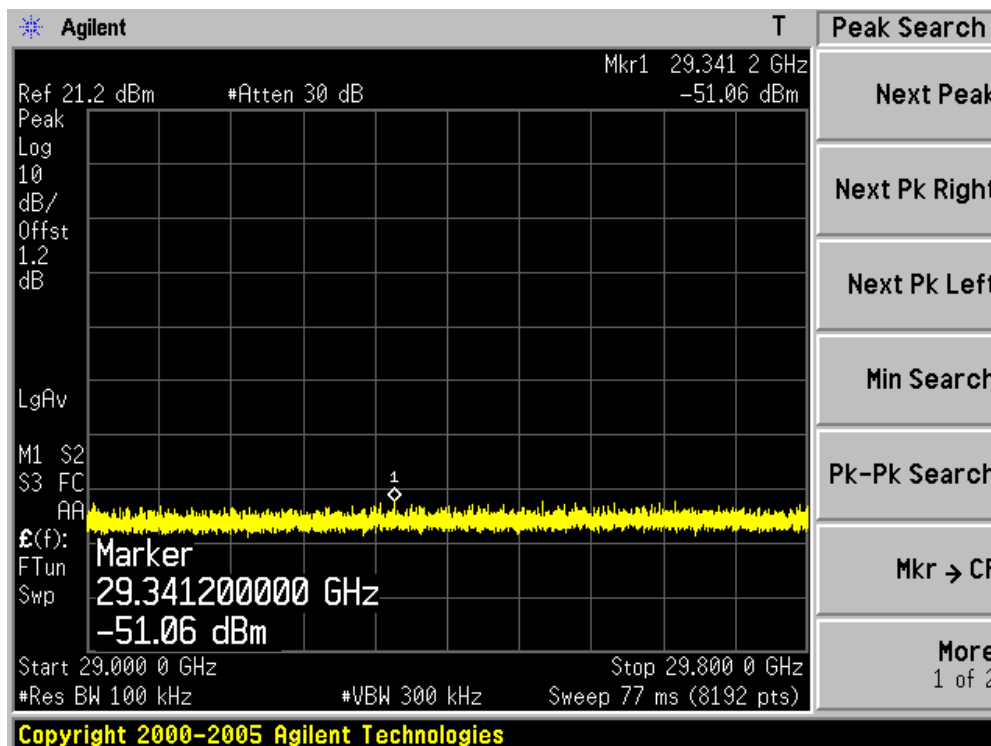
Channel 149 (5745MHz)-4



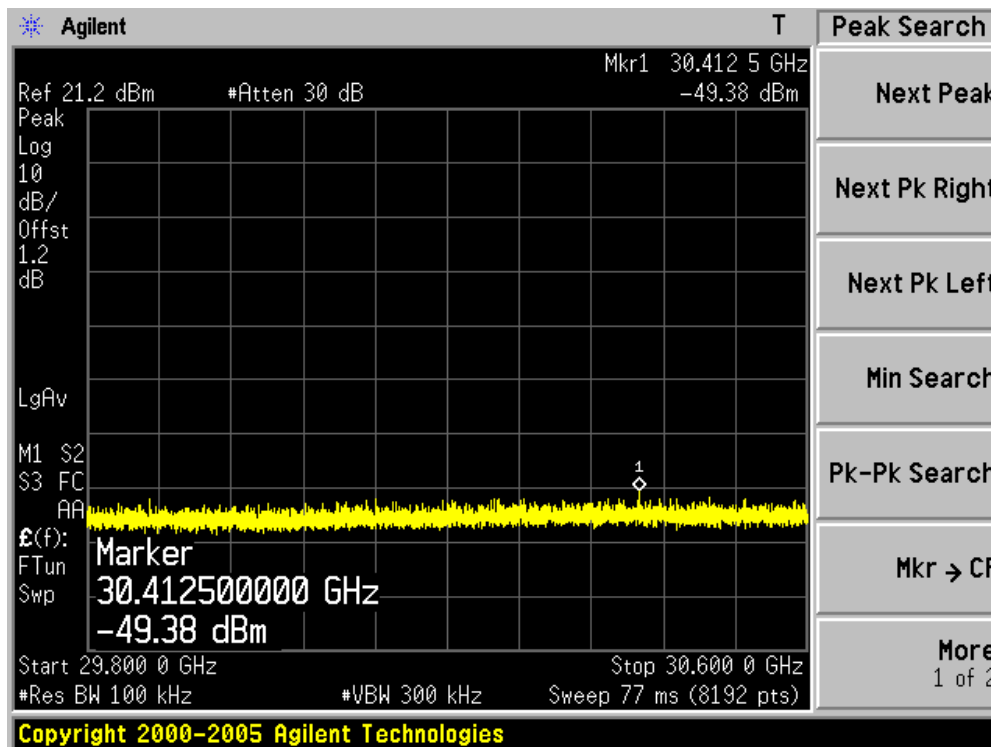
Channel 149 (5745MHz)-5



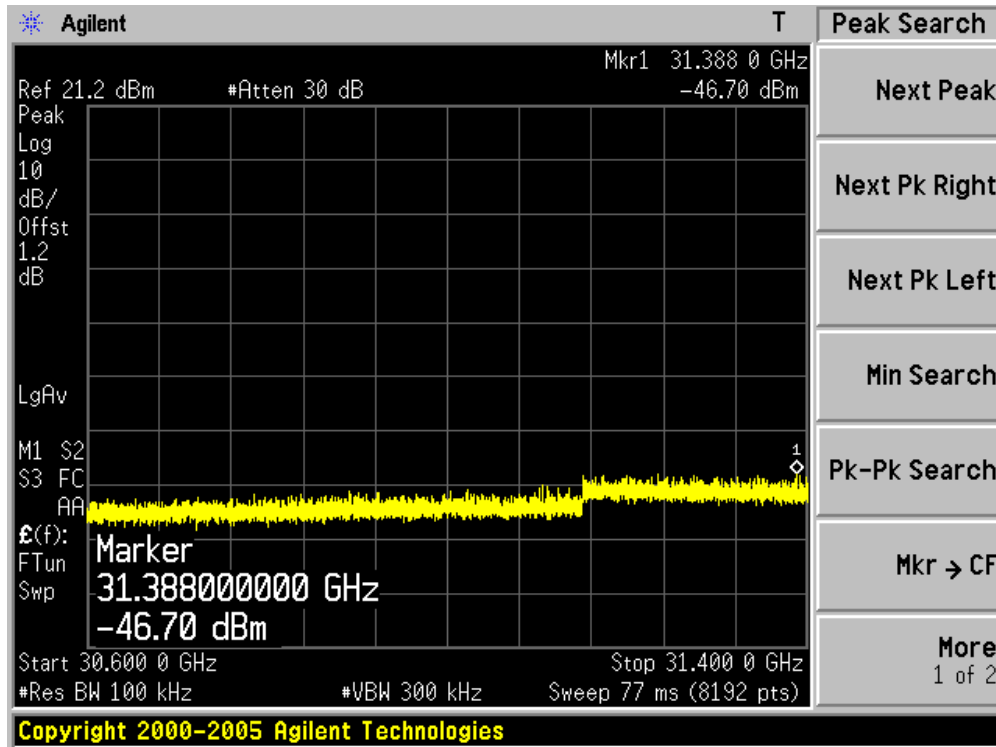
Channel 149 (5745MHz)-6



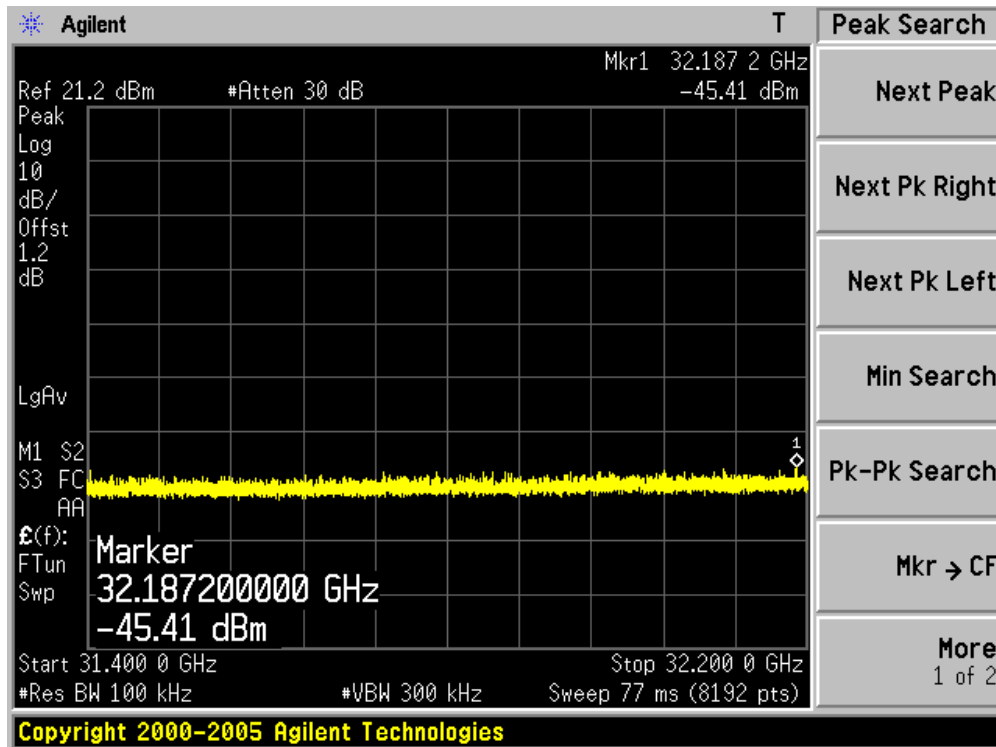
Channel 149 (5745MHz)-7



Channel 149 (5745MHz)-8

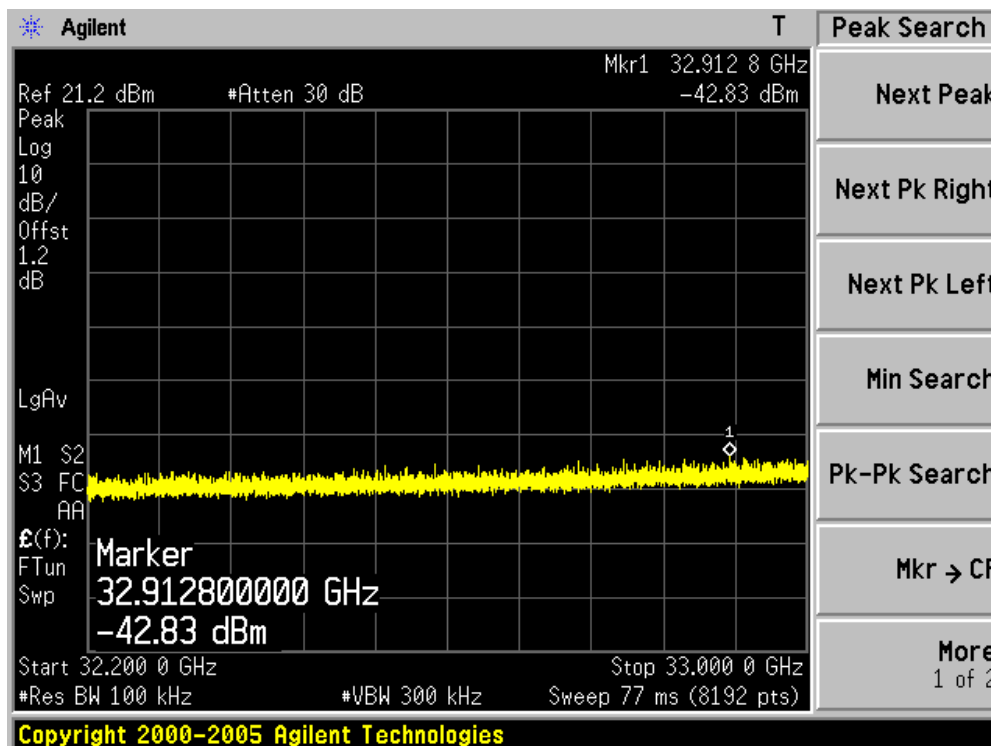


Channel 149 (5745MHz)-9

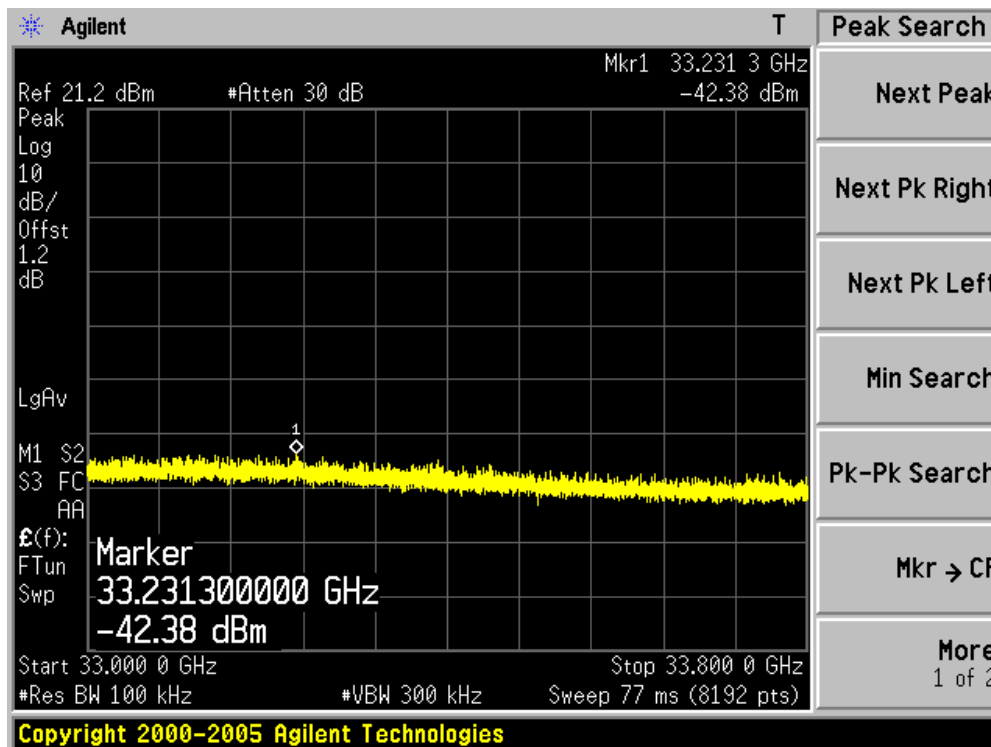




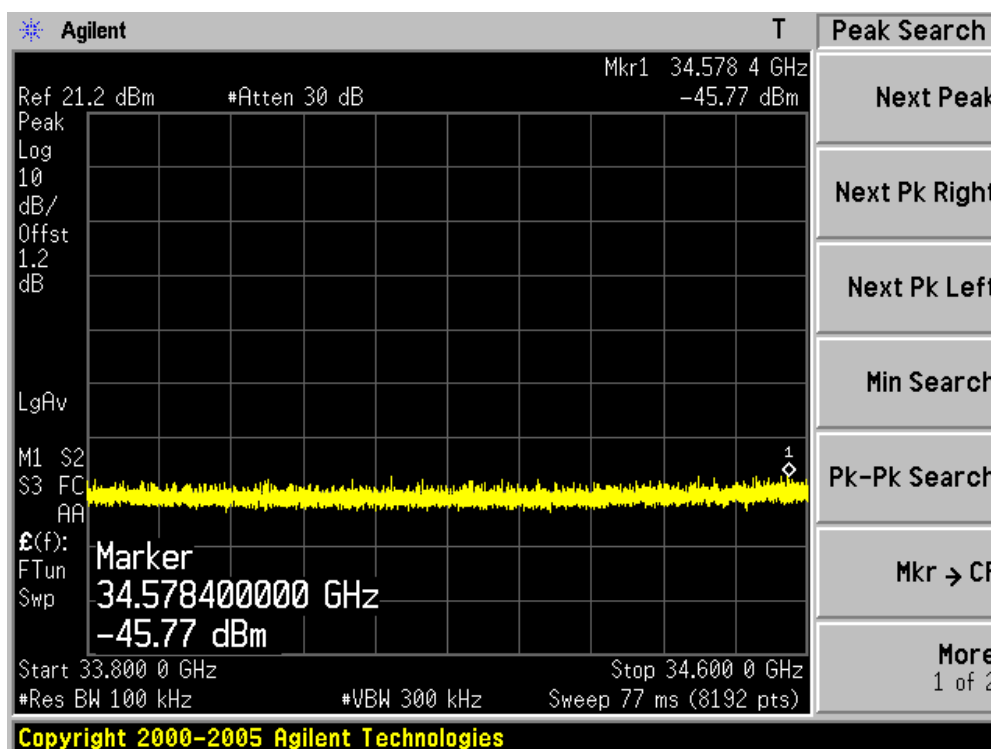
Channel 149 (5745MHz)-10



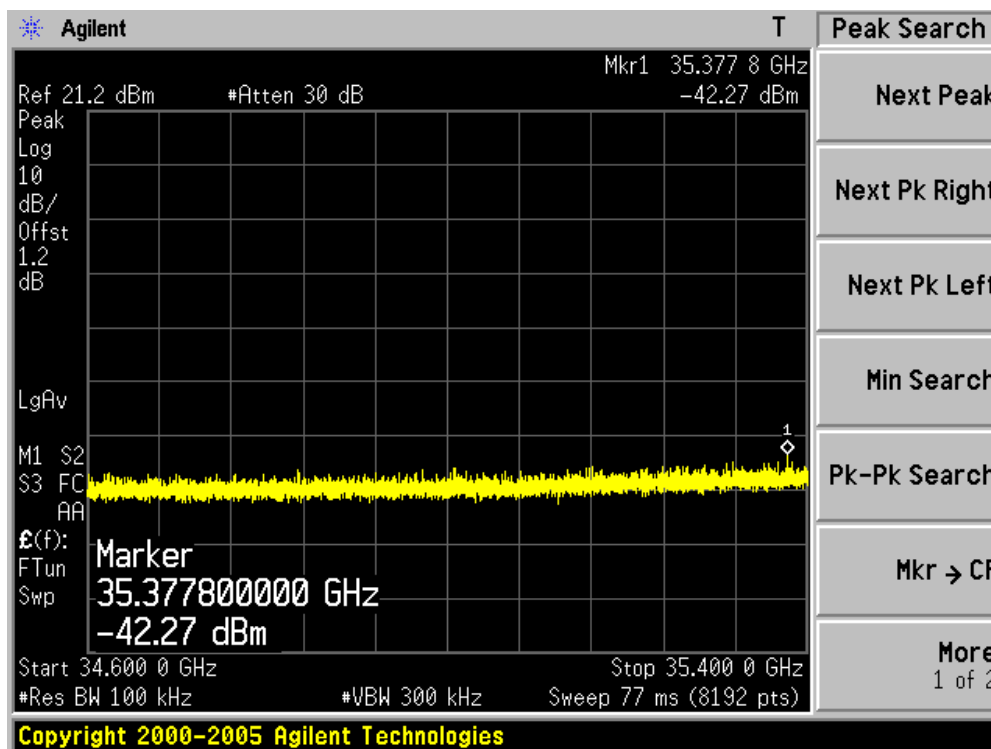
Channel 149 (5745MHz)-11



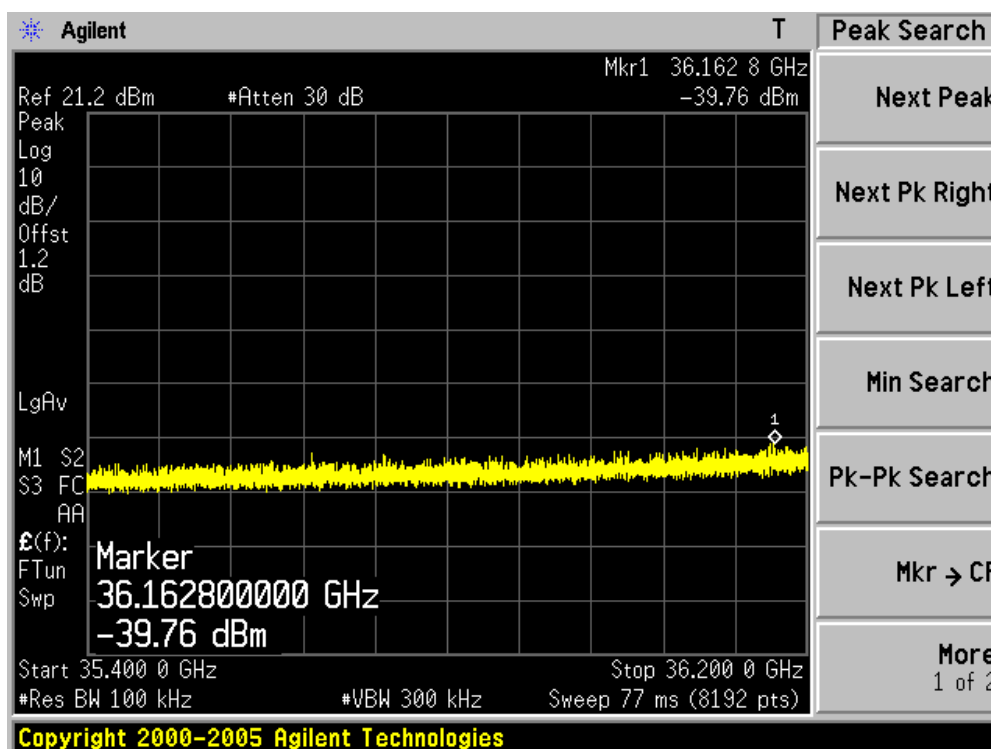
Channel 149 (5745MHz)-12



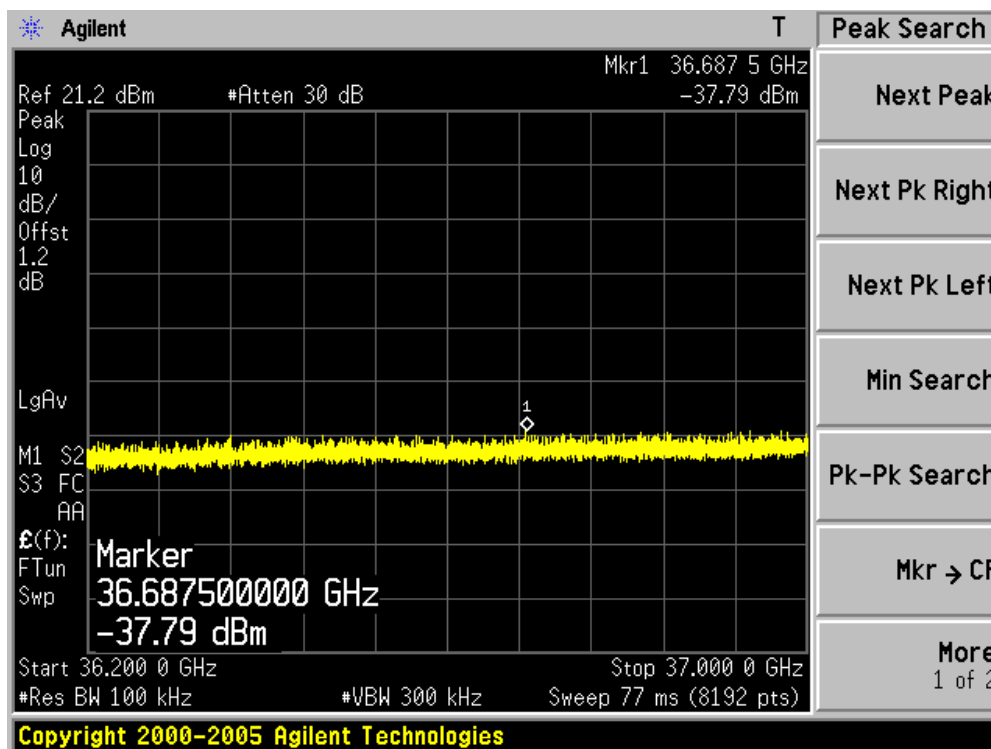
Channel 149 (5745MHz)-13



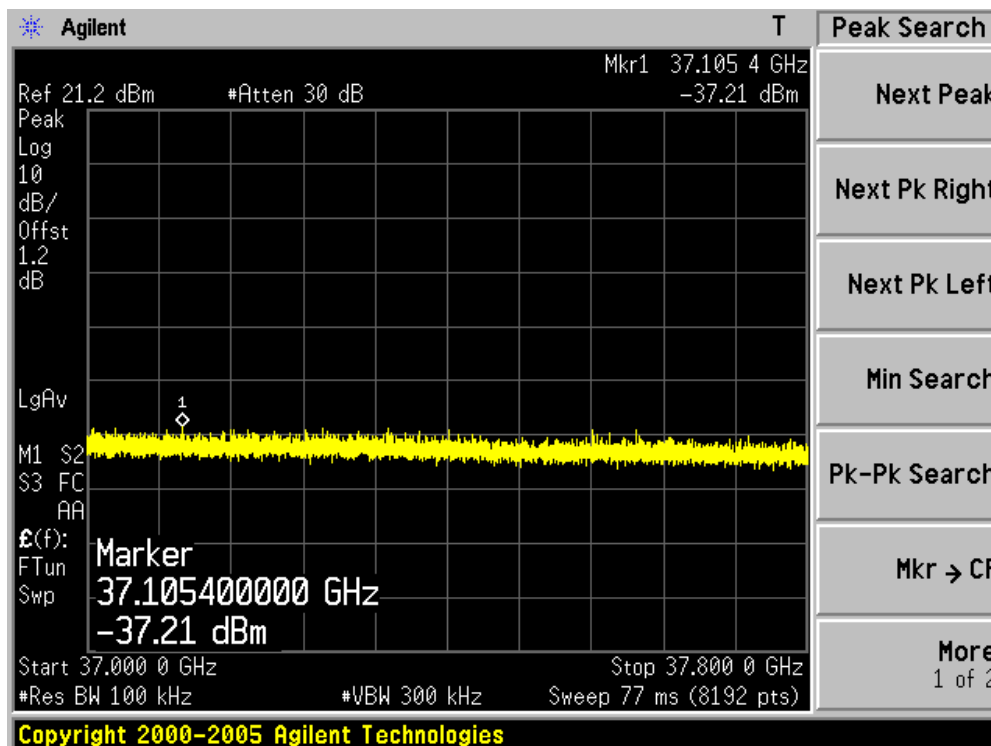
Channel 149 (5745MHz)-14



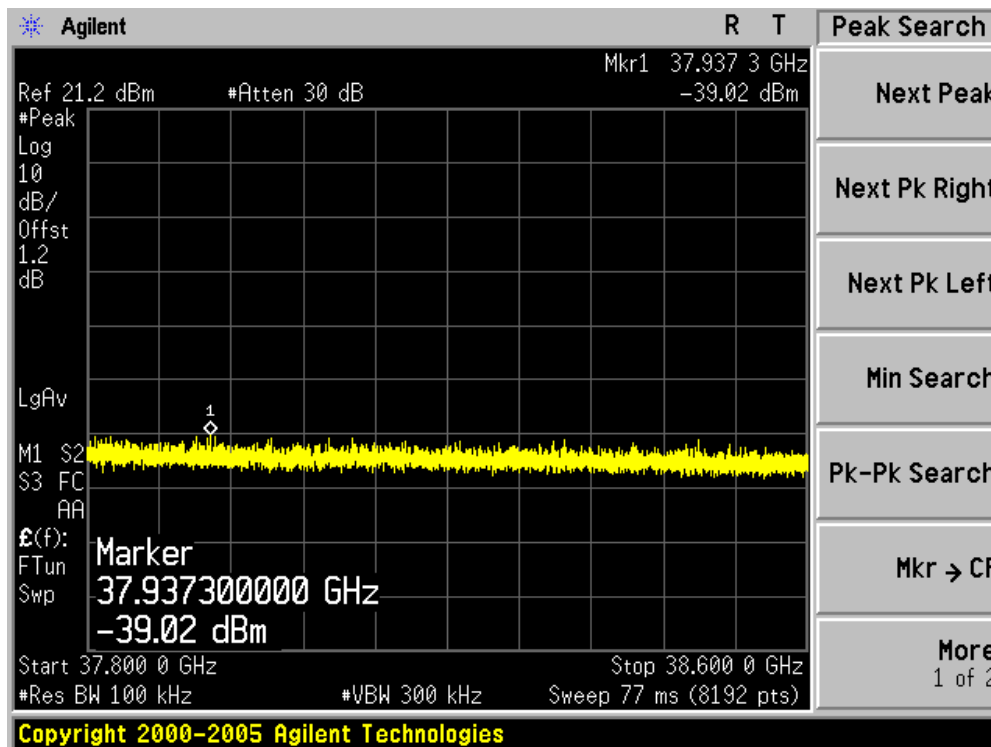
Channel 149 (5745MHz)-15



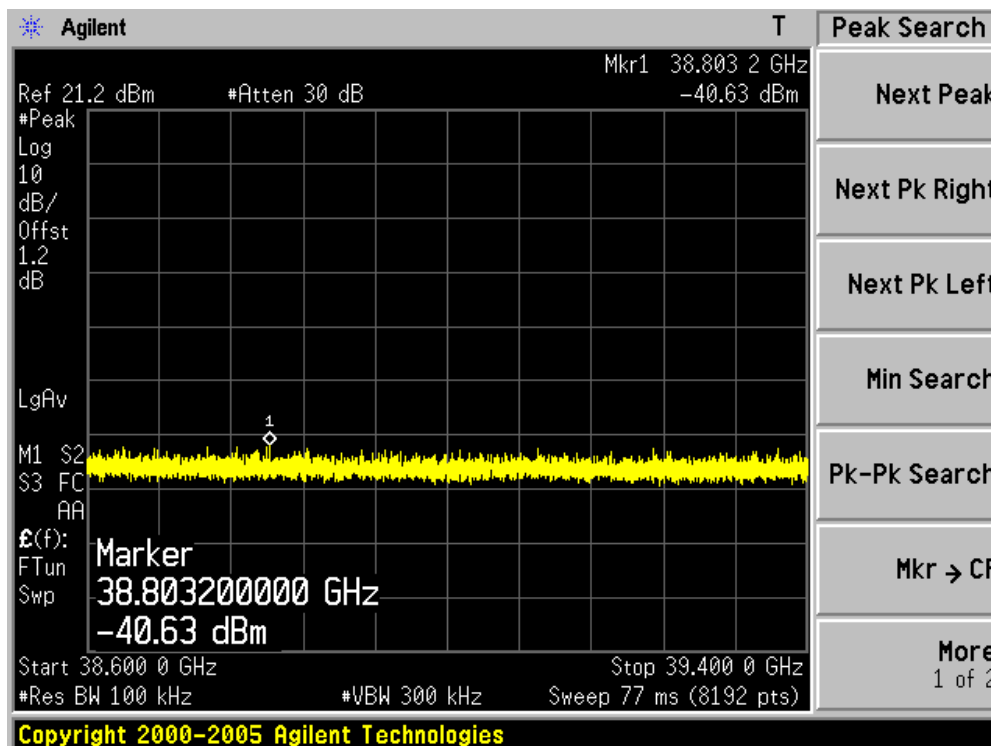
Channel 149 (5745MHz)-16



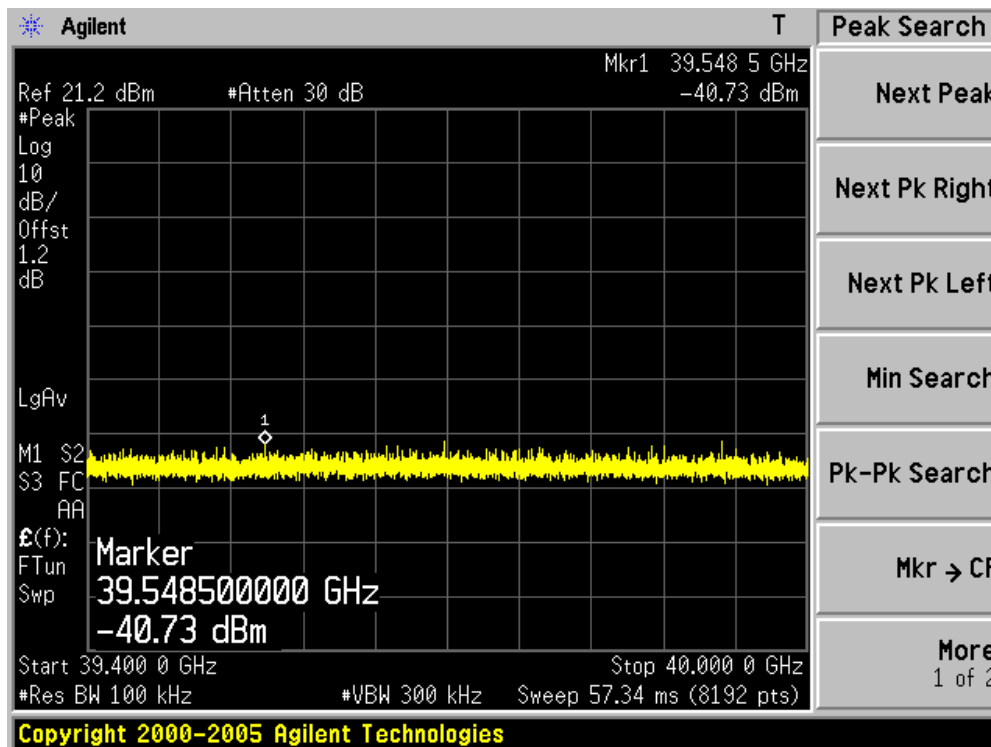
Channel 149 (5745MHz)-17



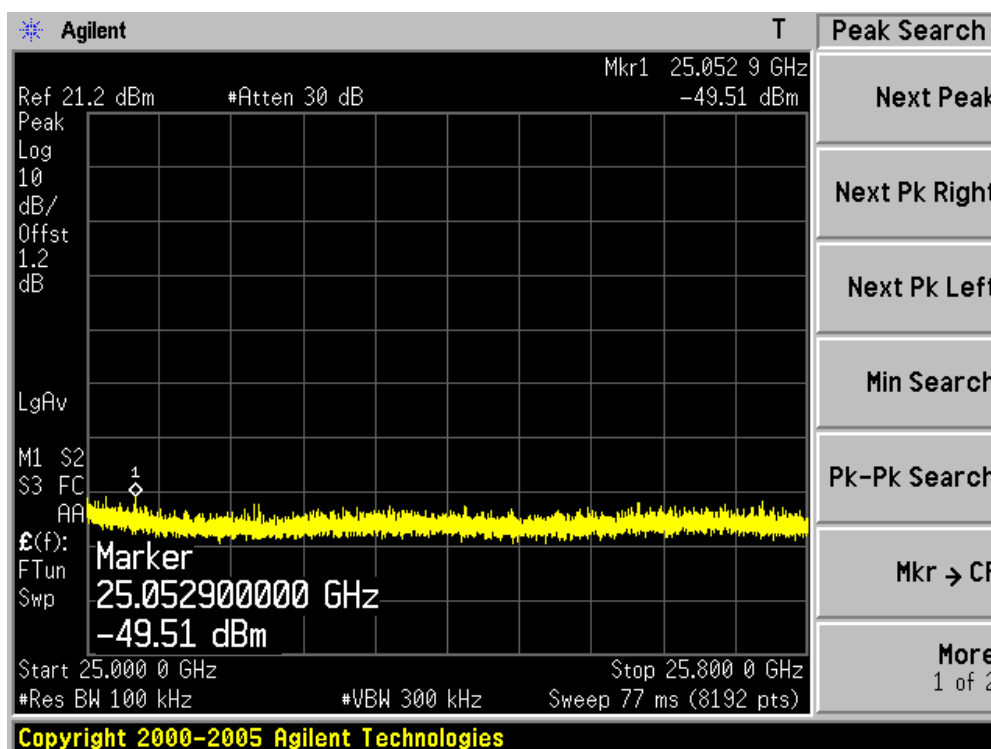
Channel 149 (5745MHz)-18



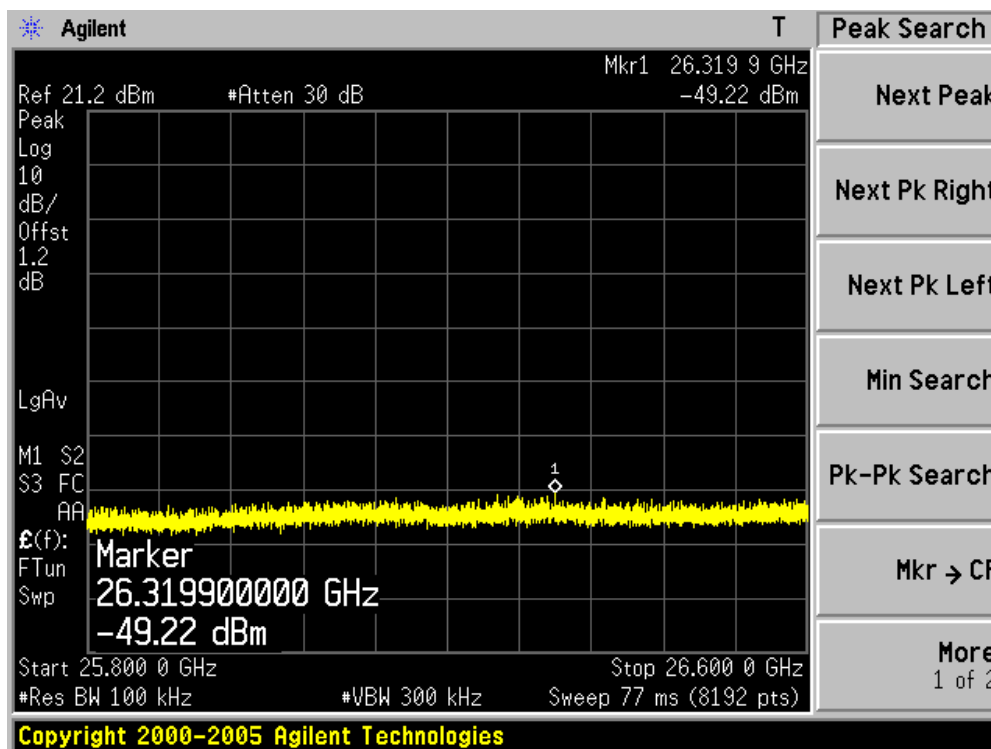
Channel 149 (5745MHz)-19



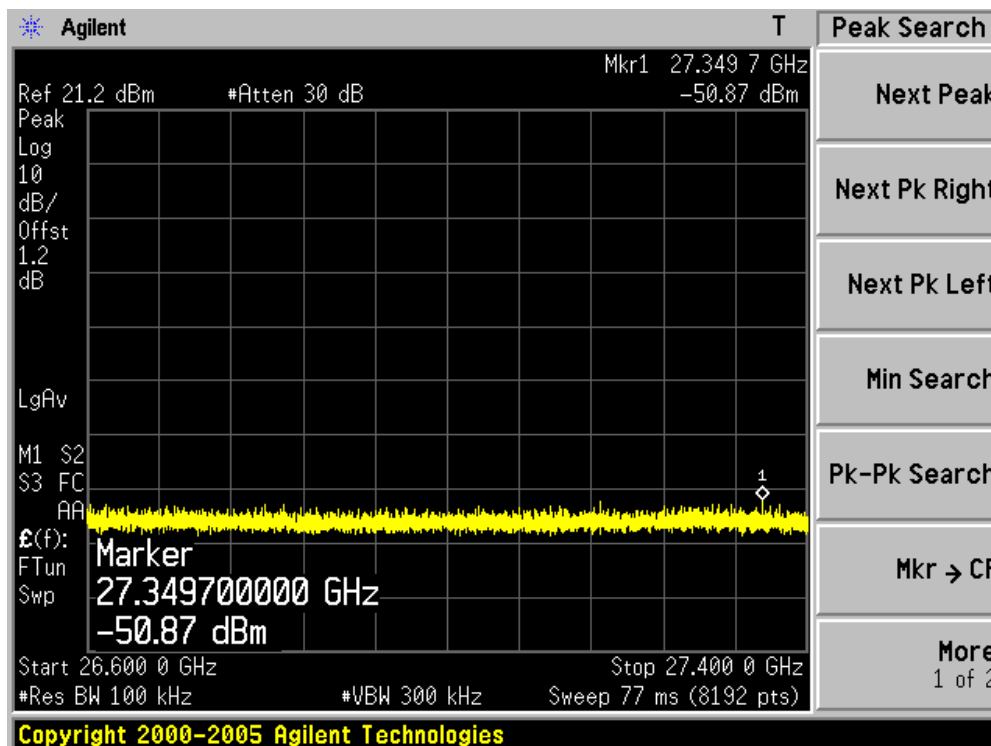
Channel 157 (5785MHz)-1



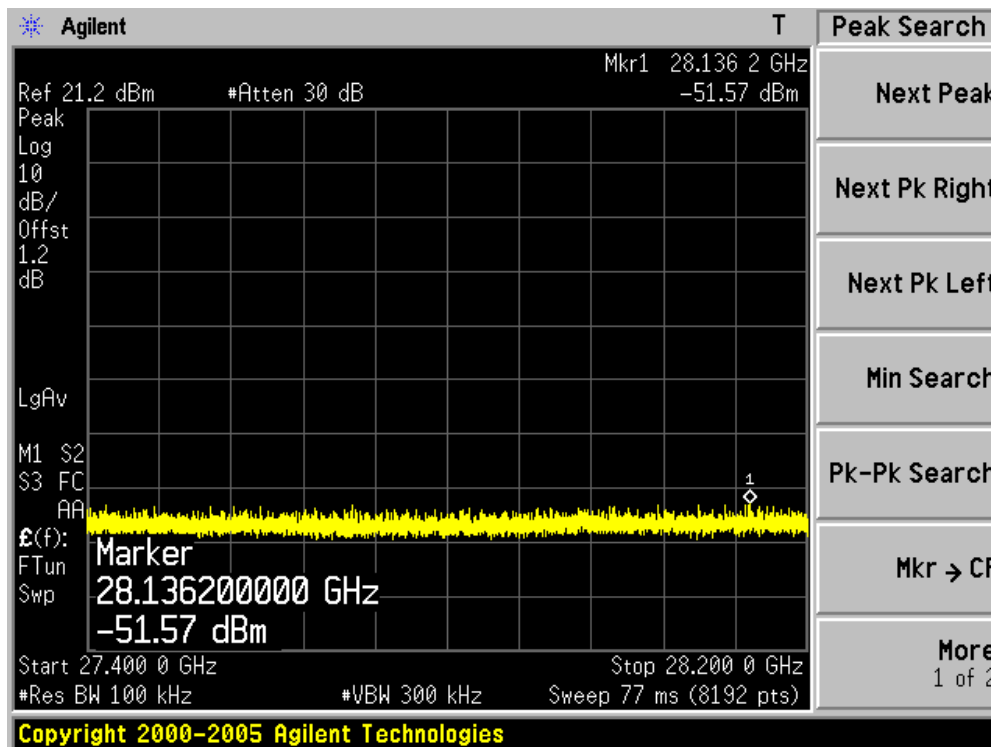
Channel 157 (5785MHz)-2



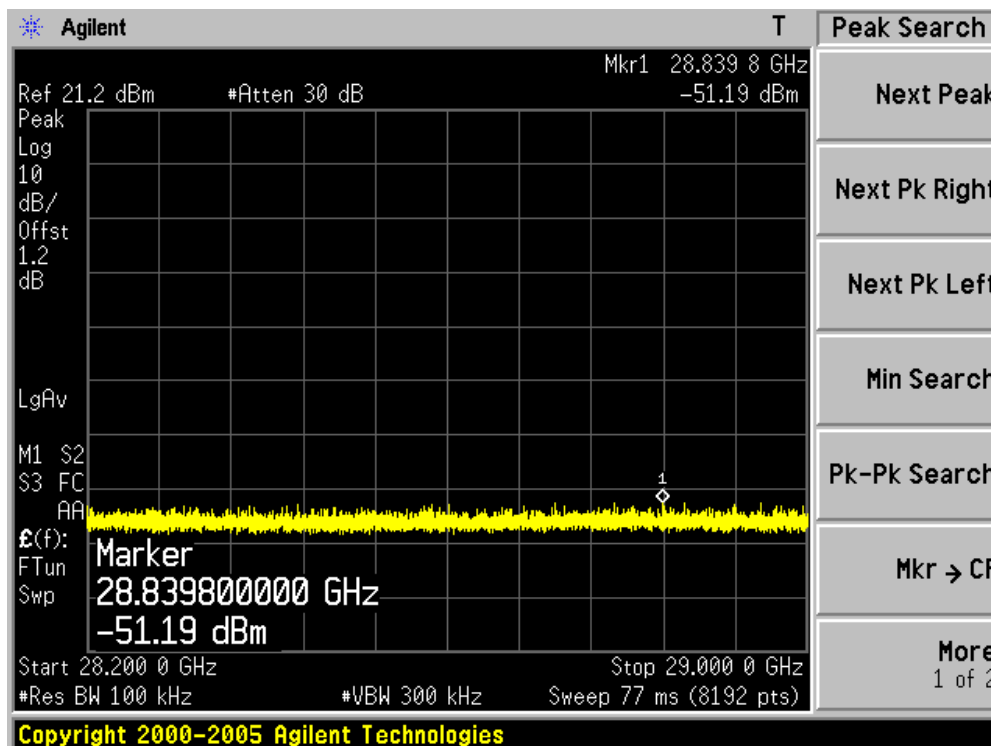
Channel 157 (5785MHz)-3



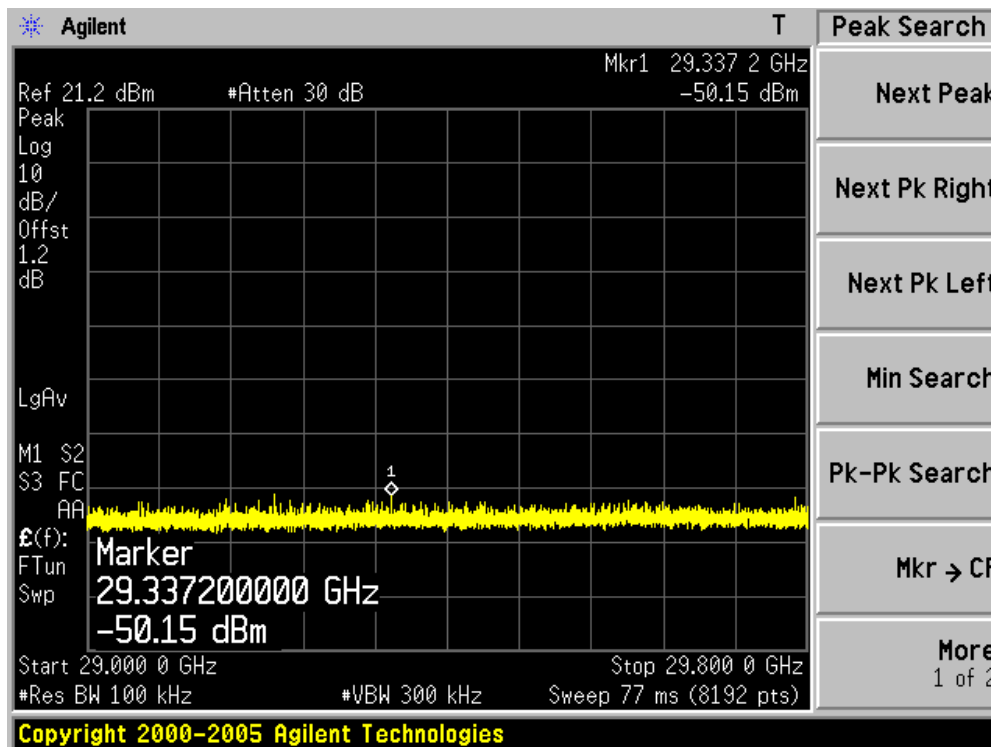
Channel 157 (5785MHz)-4



Channel 157 (5785MHz)-5

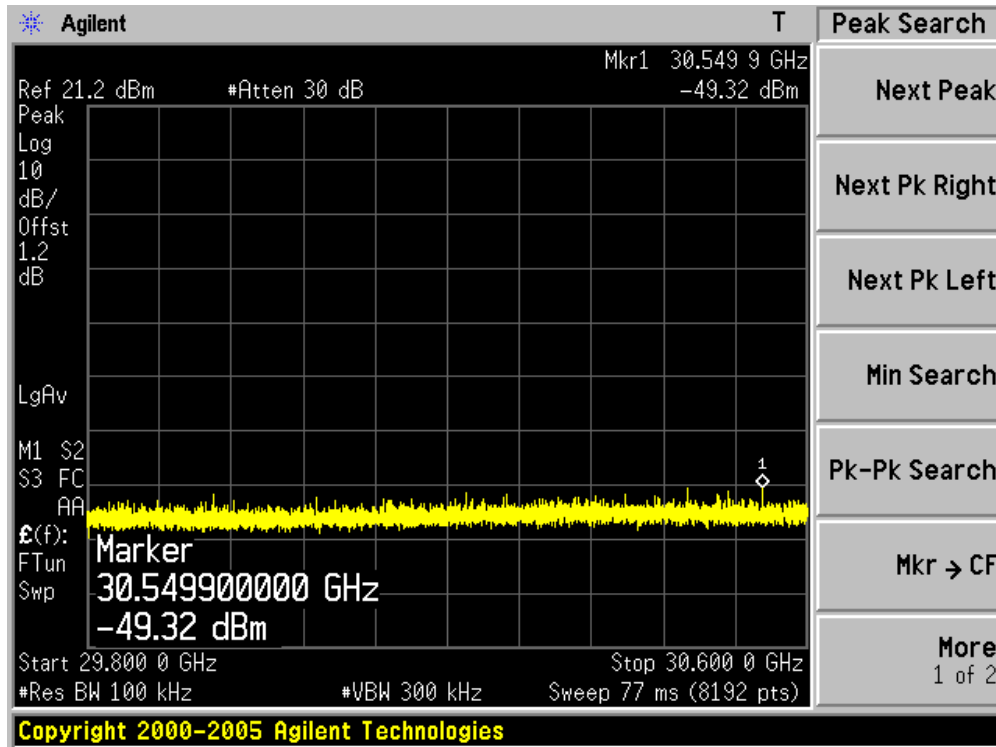


Channel 157 (5785MHz)-6

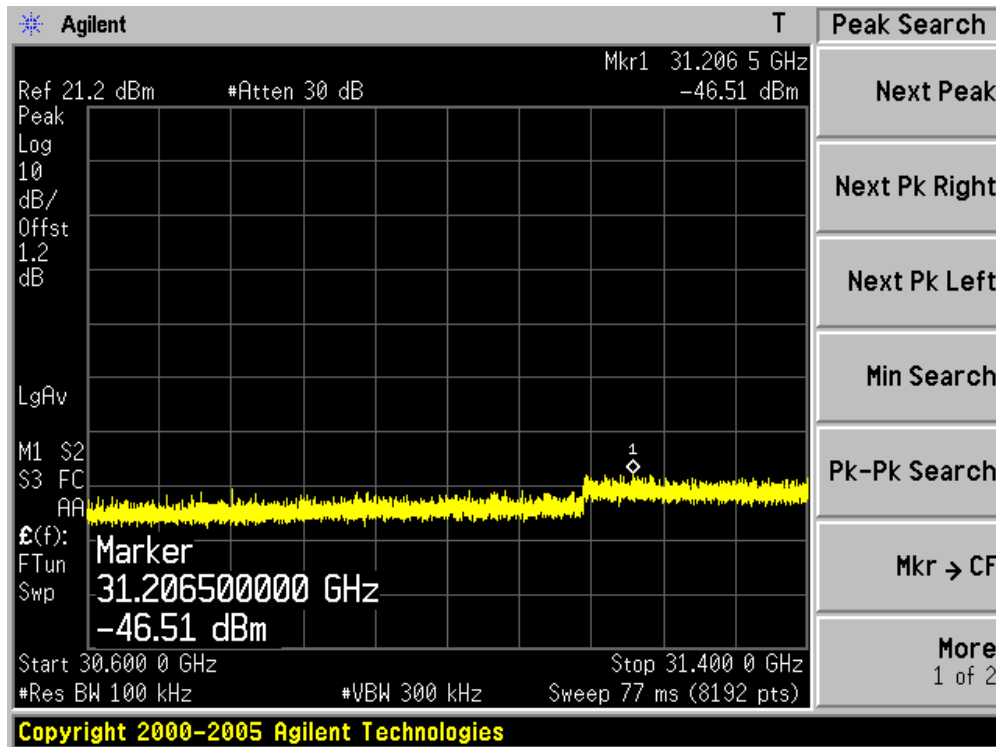




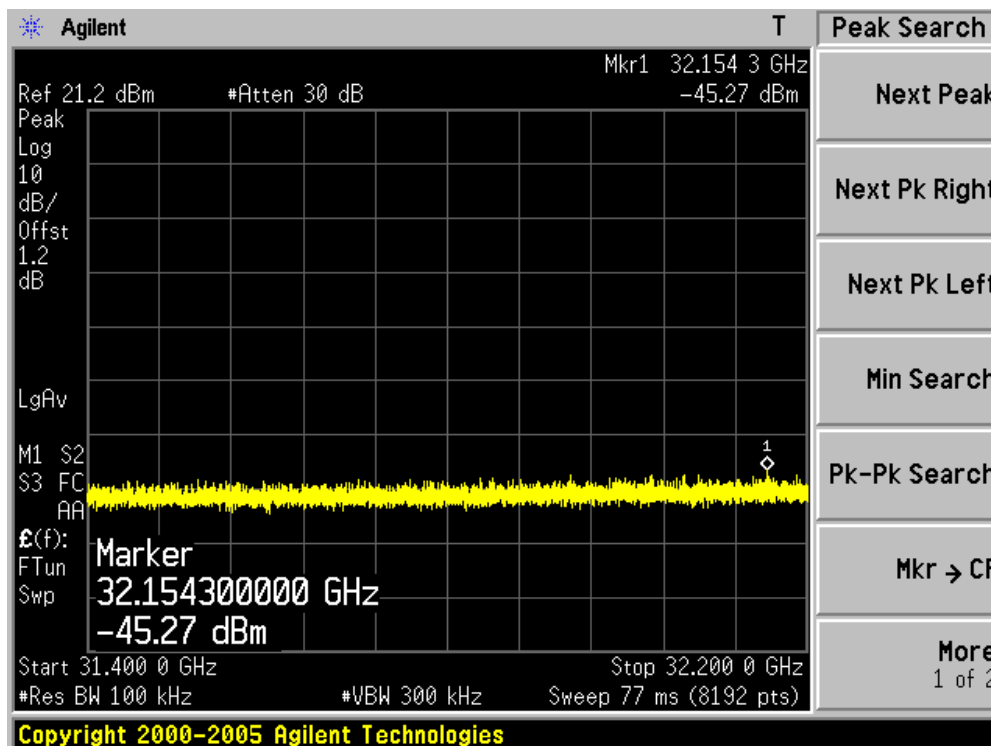
Channel 157 (5785MHz)-7



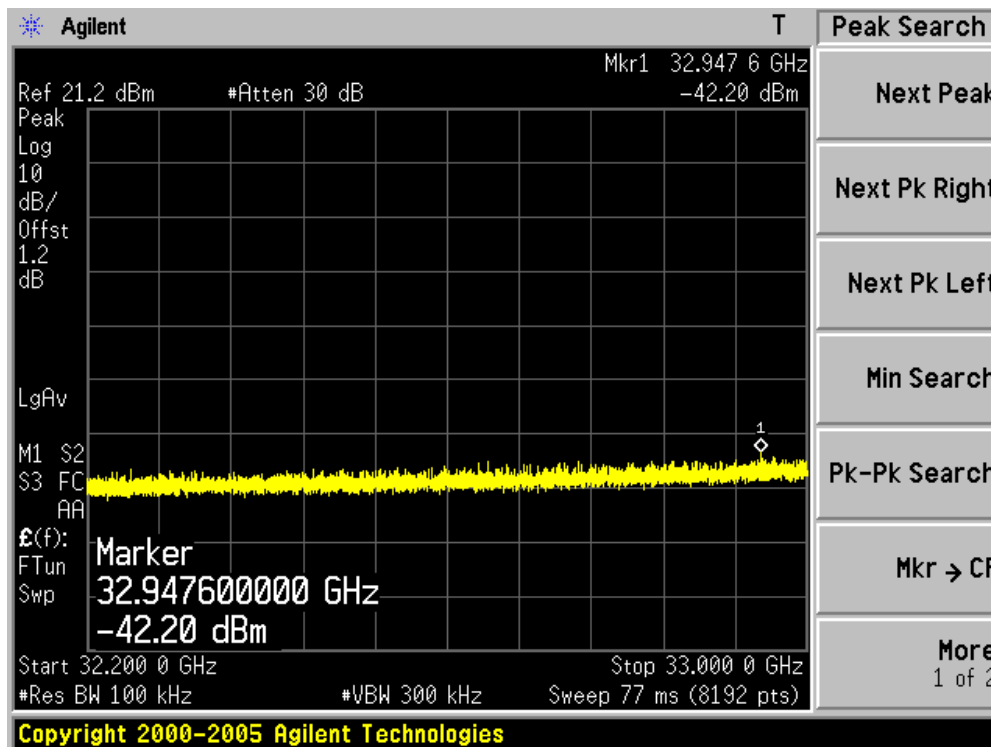
Channel 157 (5785MHz)-8



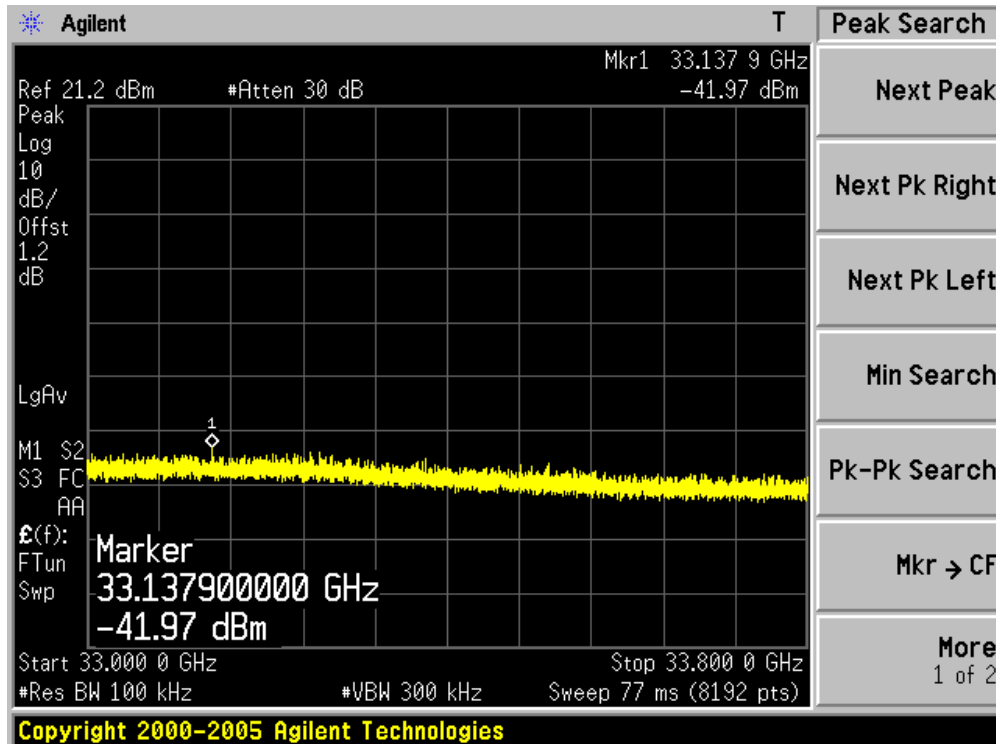
Channel 157 (5785MHz)-9



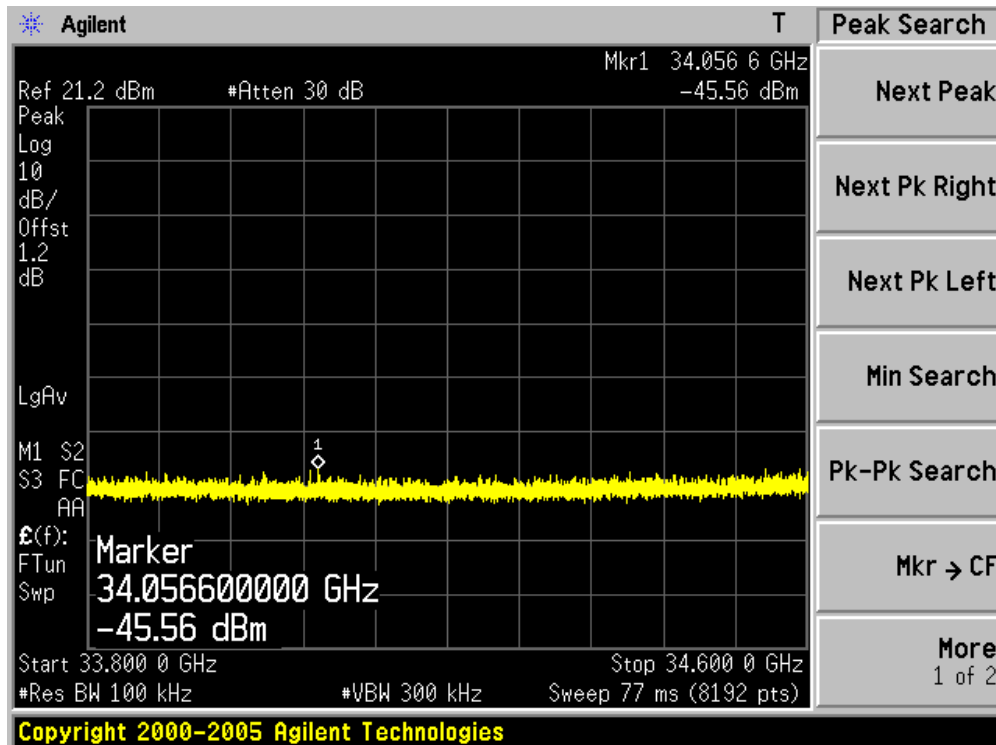
Channel 157 (5785MHz)-10



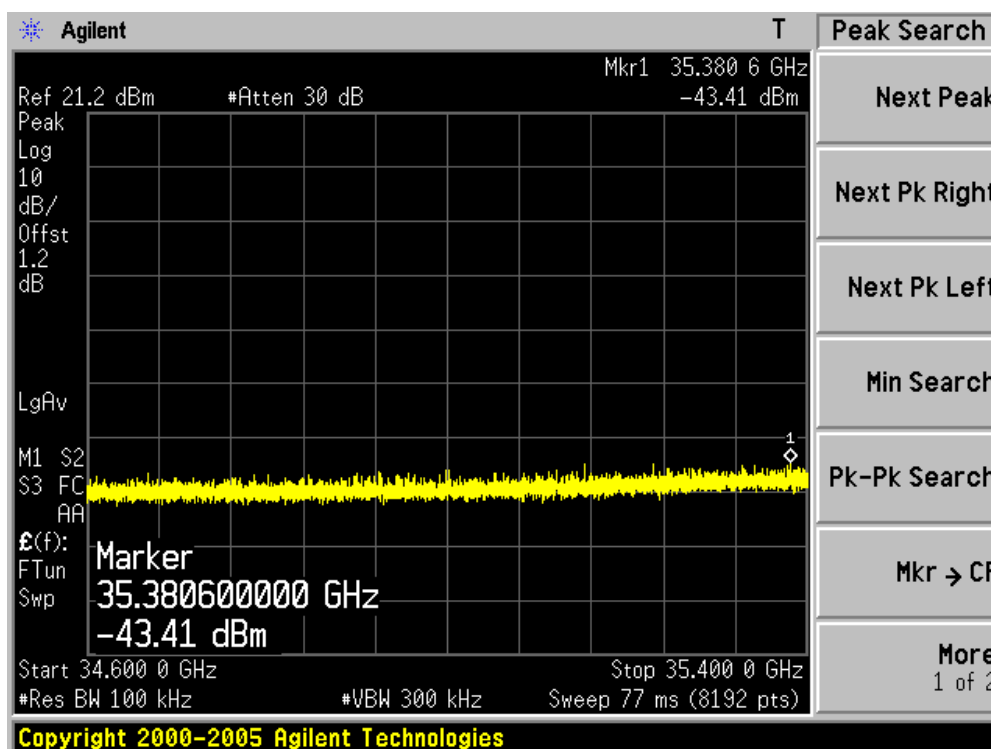
Channel 157 (5785MHz)-11



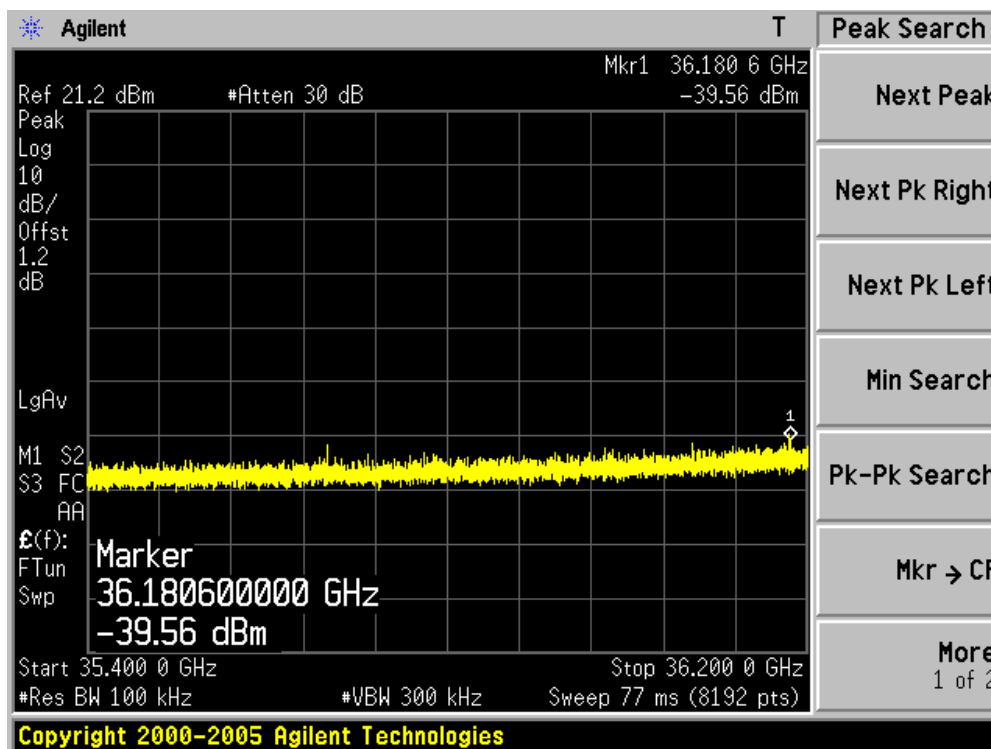
Channel 157 (5785MHz)-12



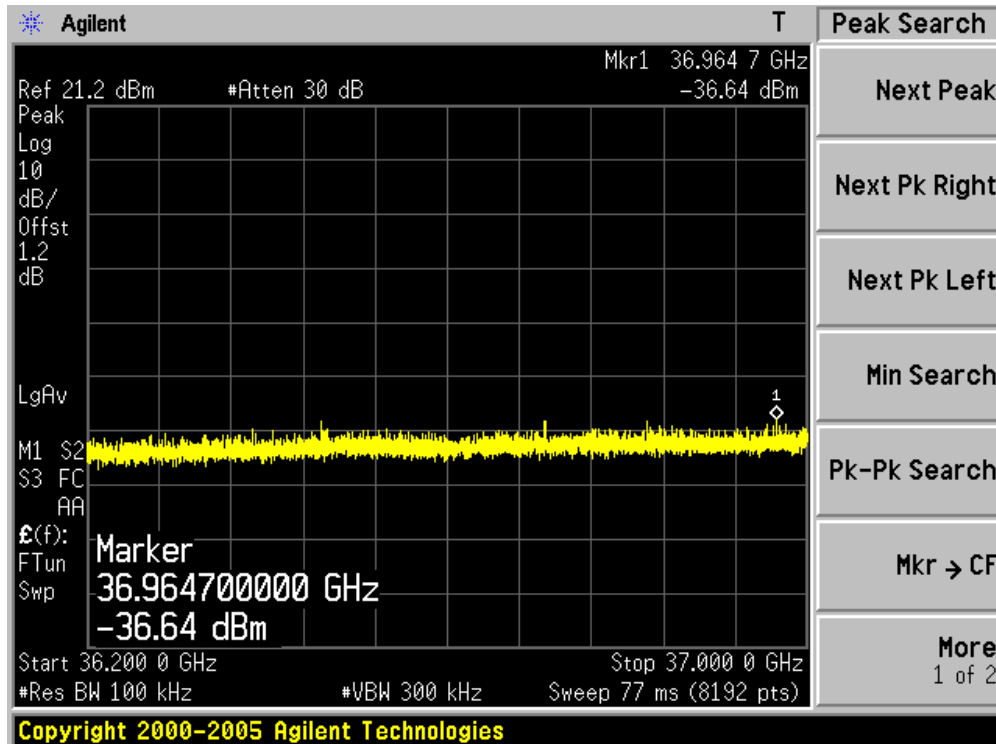
Channel 157 (5785MHz)-13



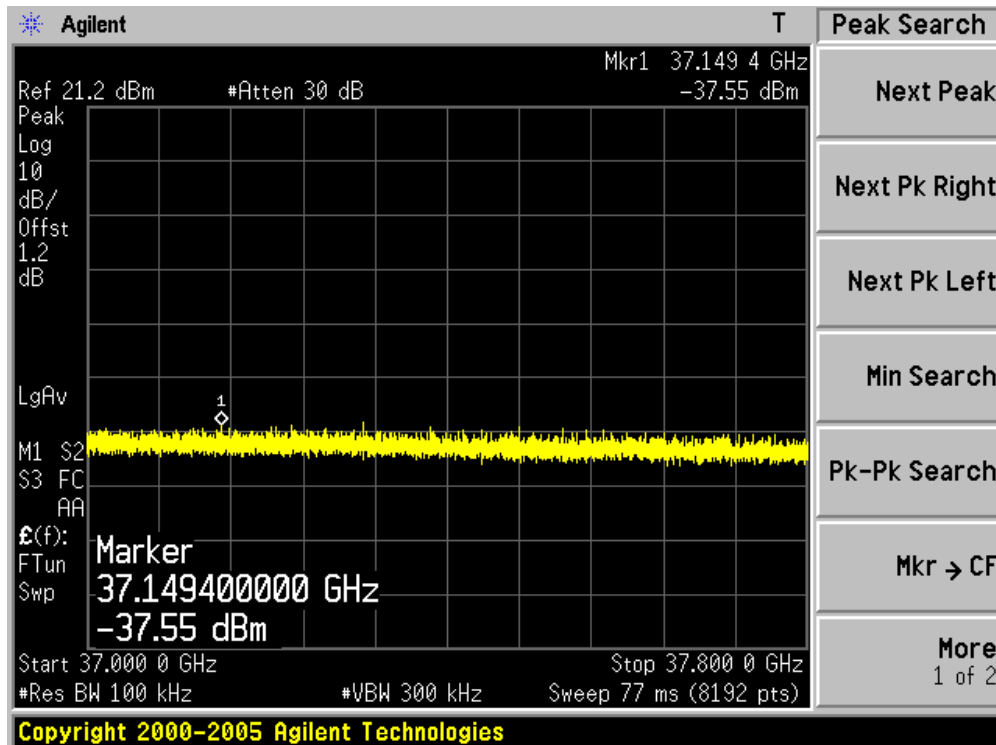
Channel 157 (5785MHz)-14



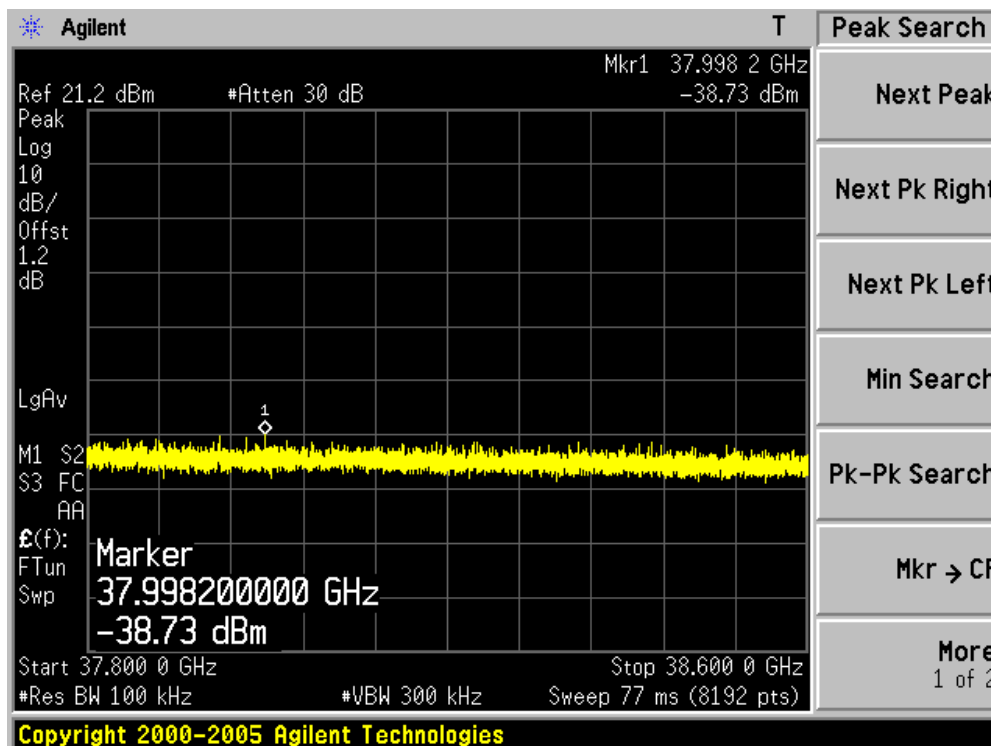
Channel 157 (5785MHz)-15



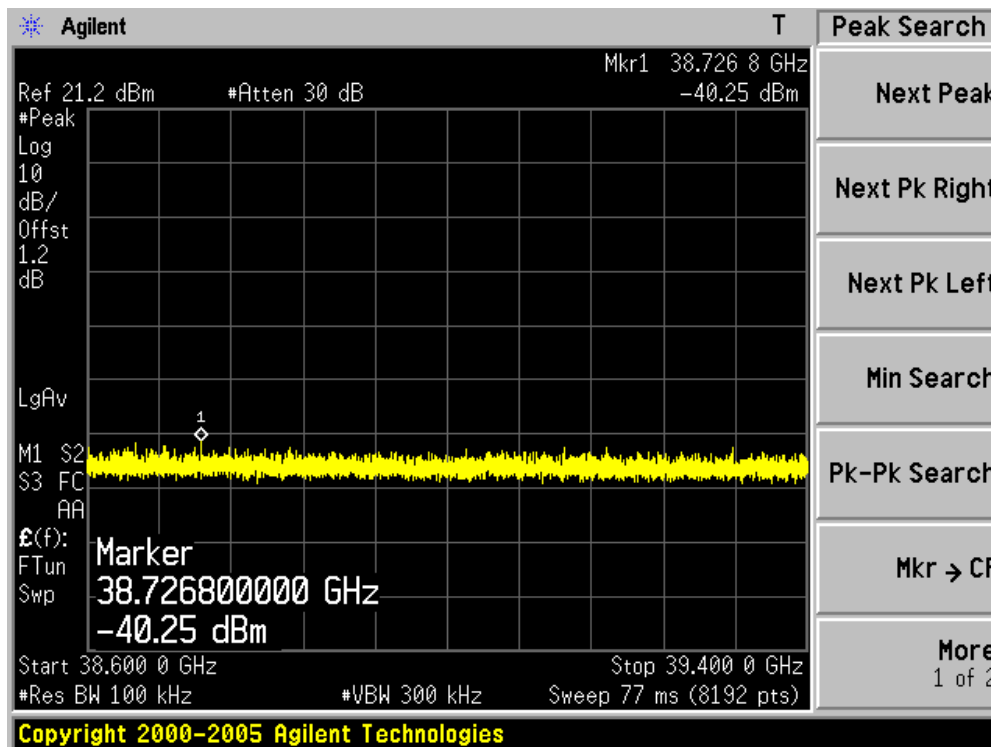
Channel 157 (5785MHz)-16



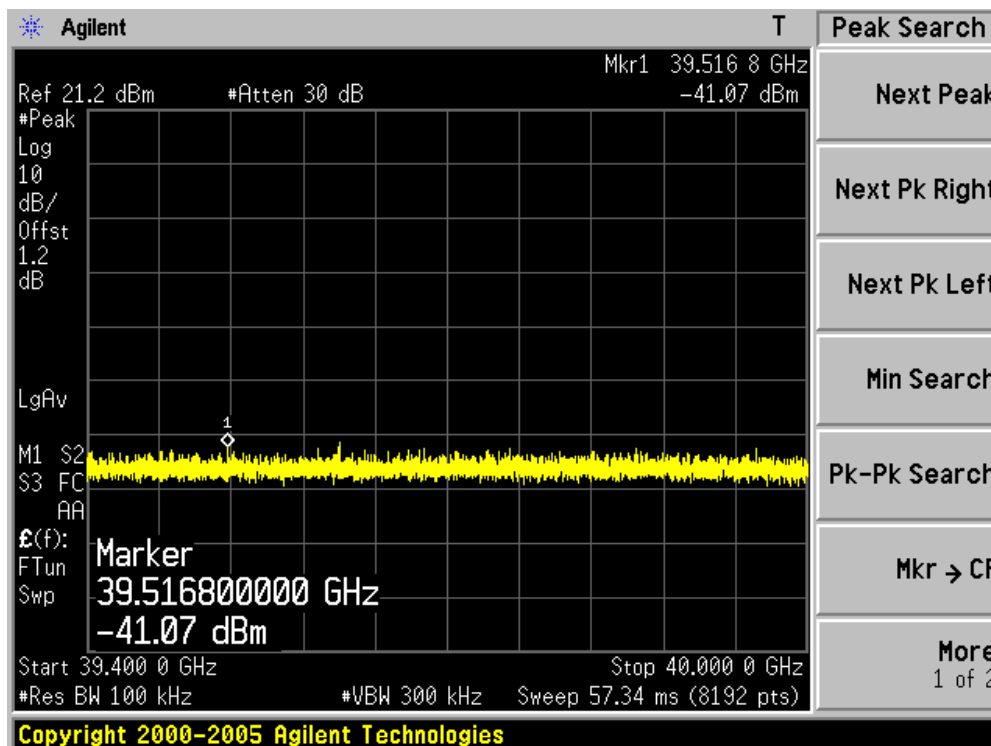
Channel 157 (5785MHz)-17



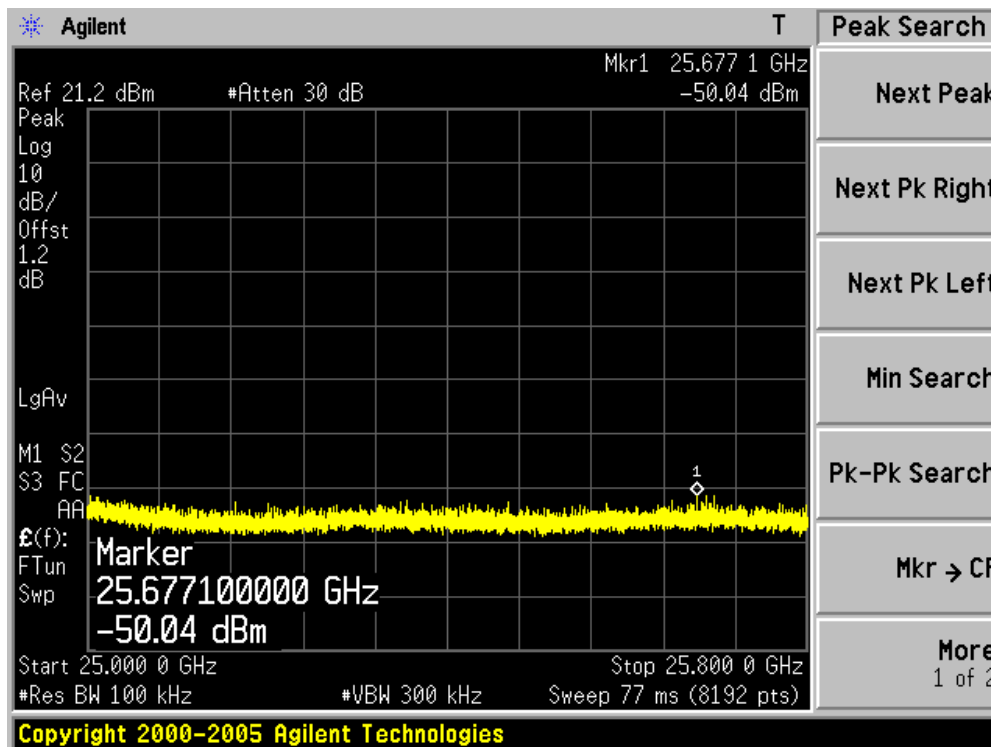
Channel 157 (5785MHz)-18



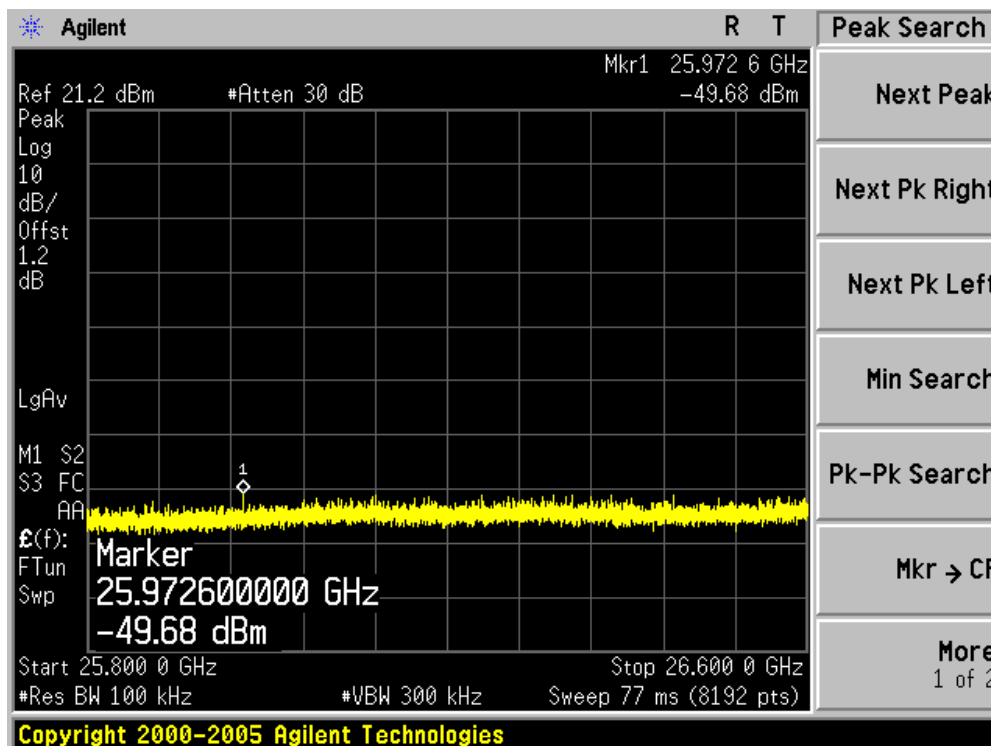
Channel 157 (5785MHz)-19



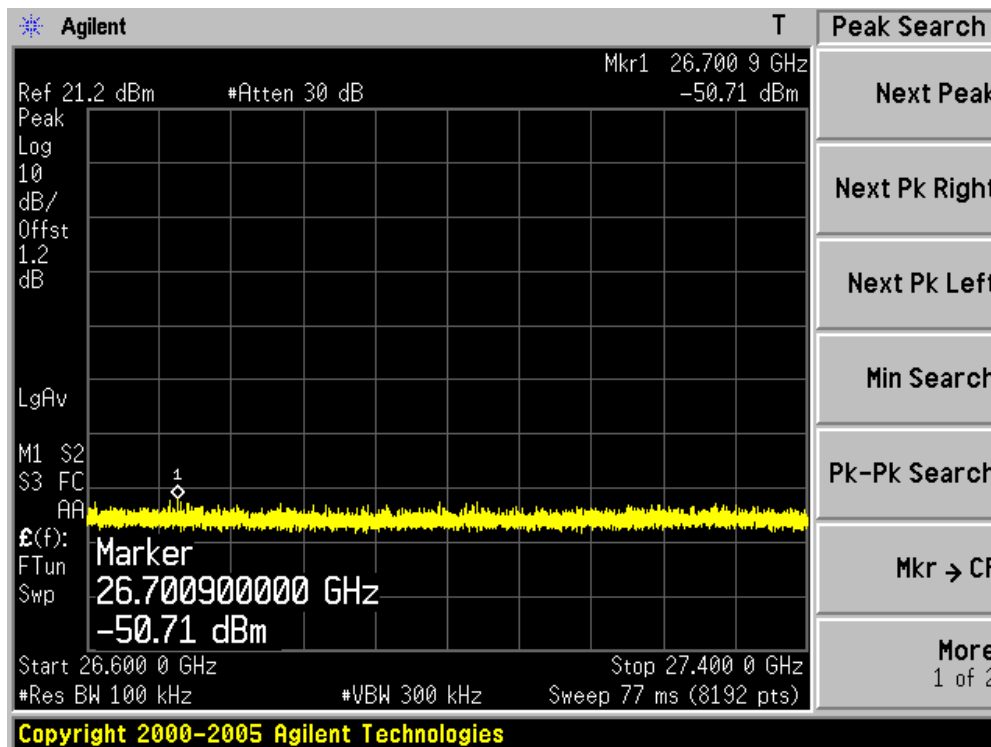
Channel 165 (5825MHz)-1



Channel 165 (5825MHz)-2

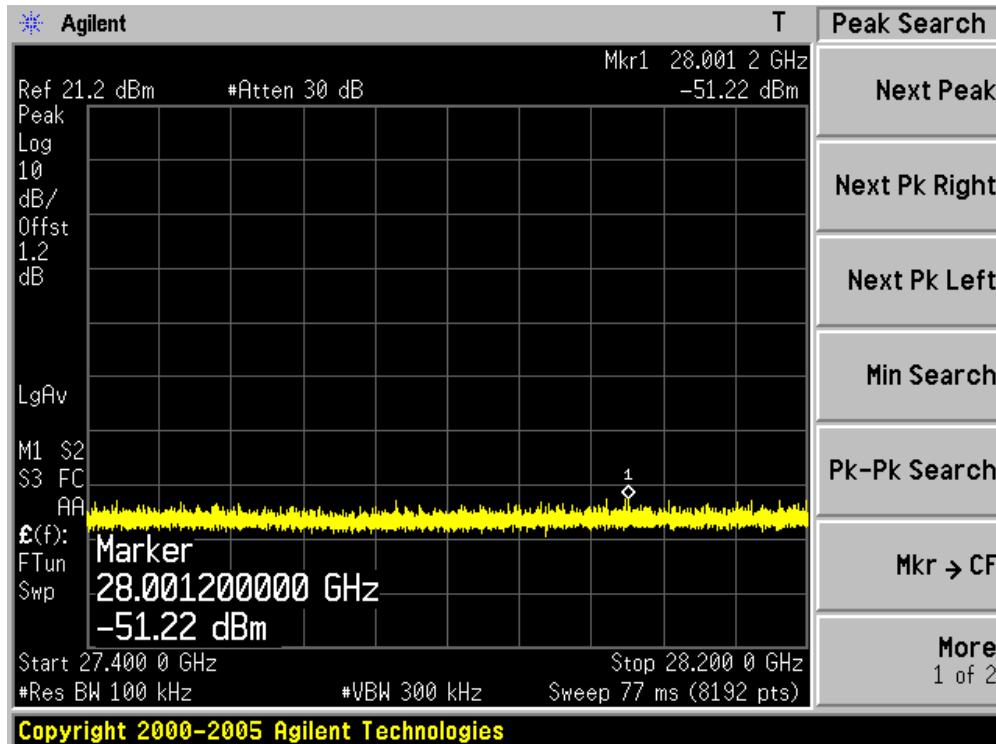


Channel 165 (5825MHz)-3

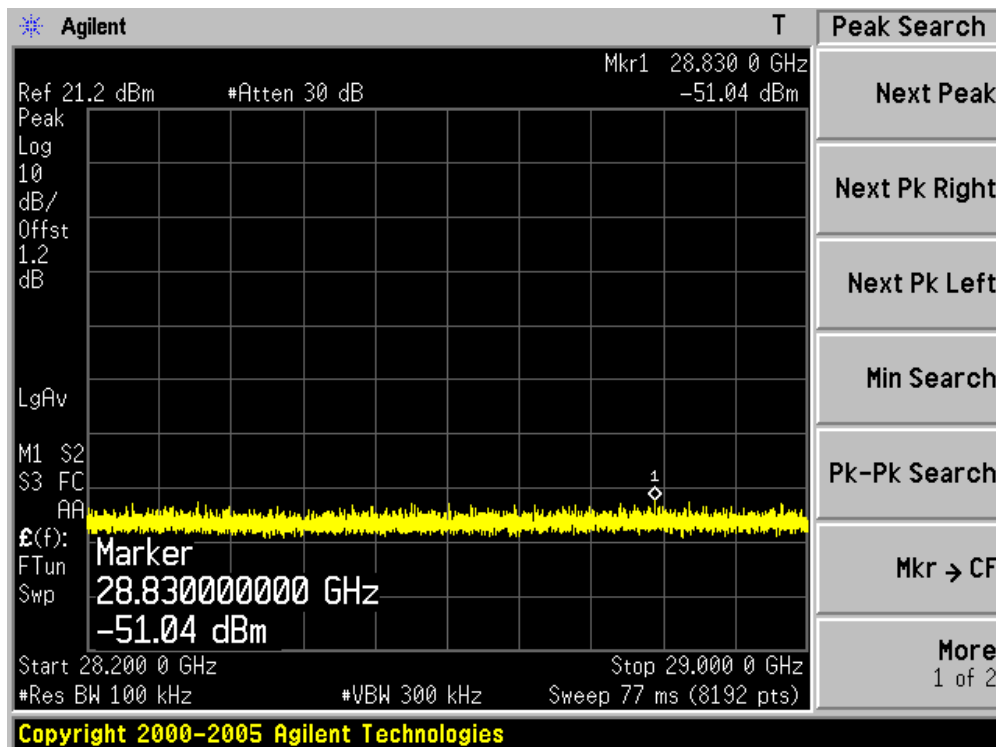




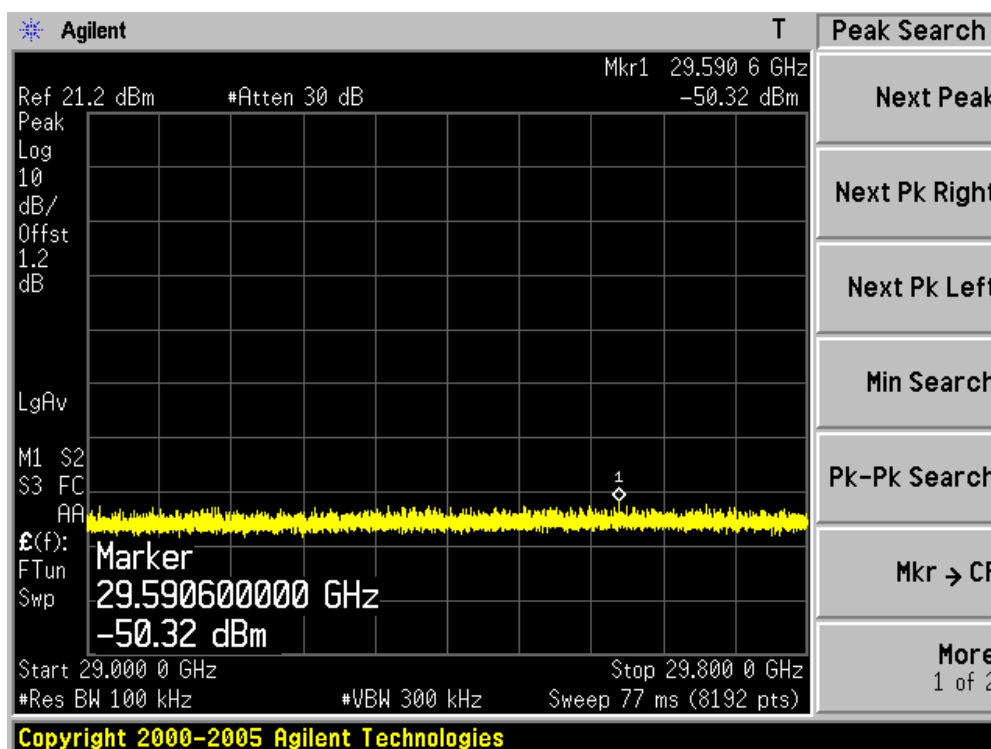
Channel 165 (5825MHz)-4



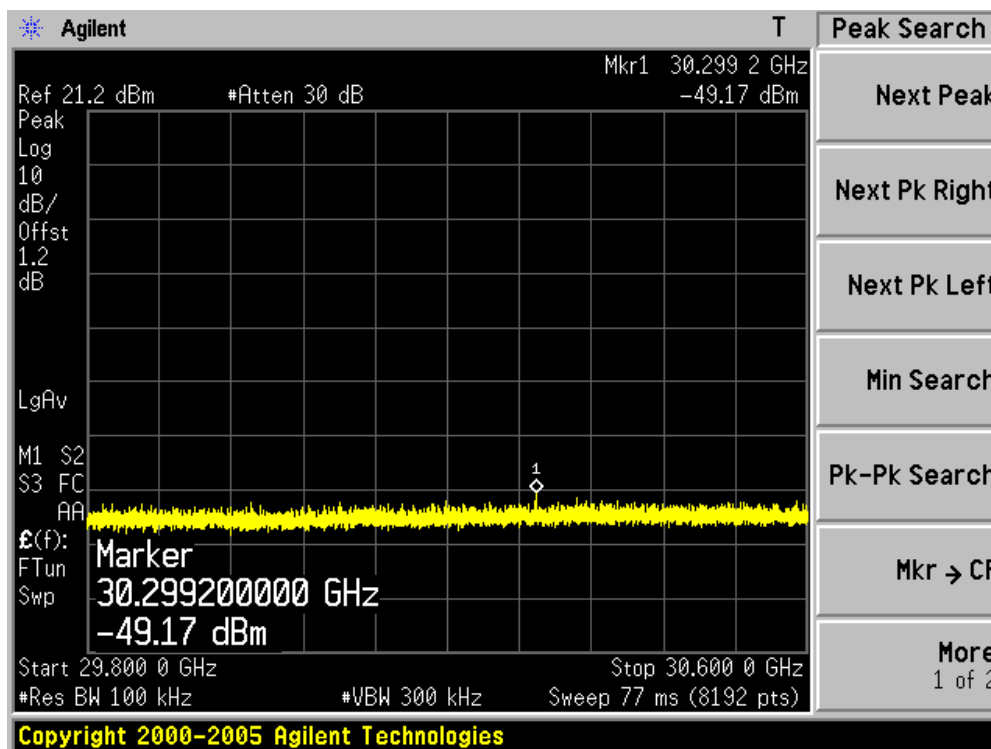
Channel 165 (5825MHz)-5



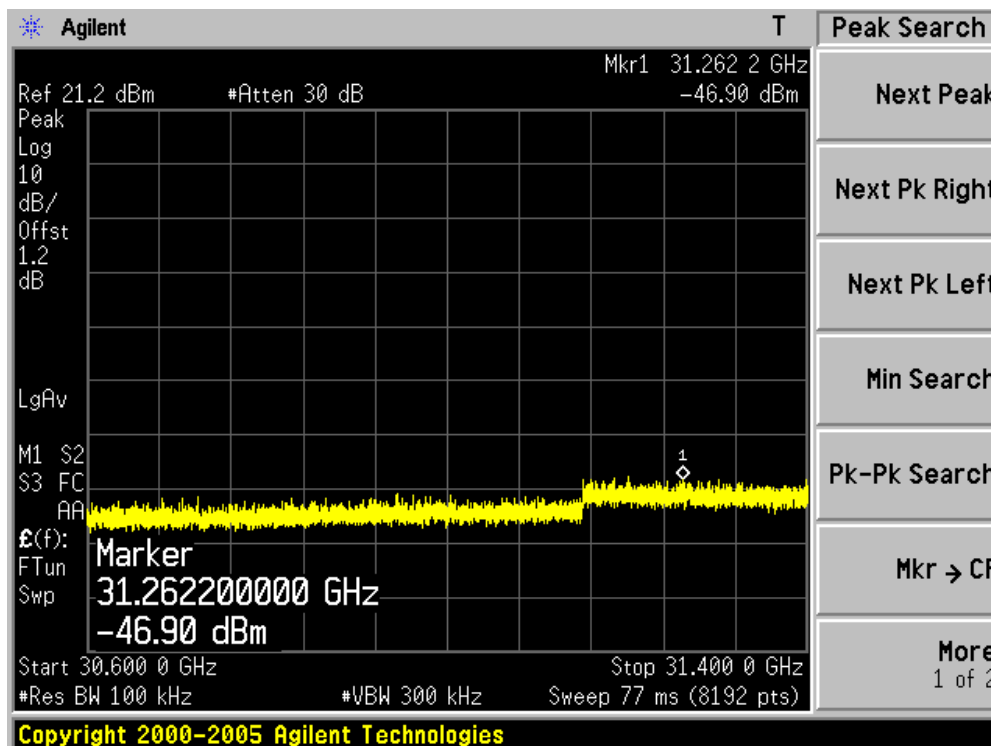
Channel 165 (5825MHz)-6



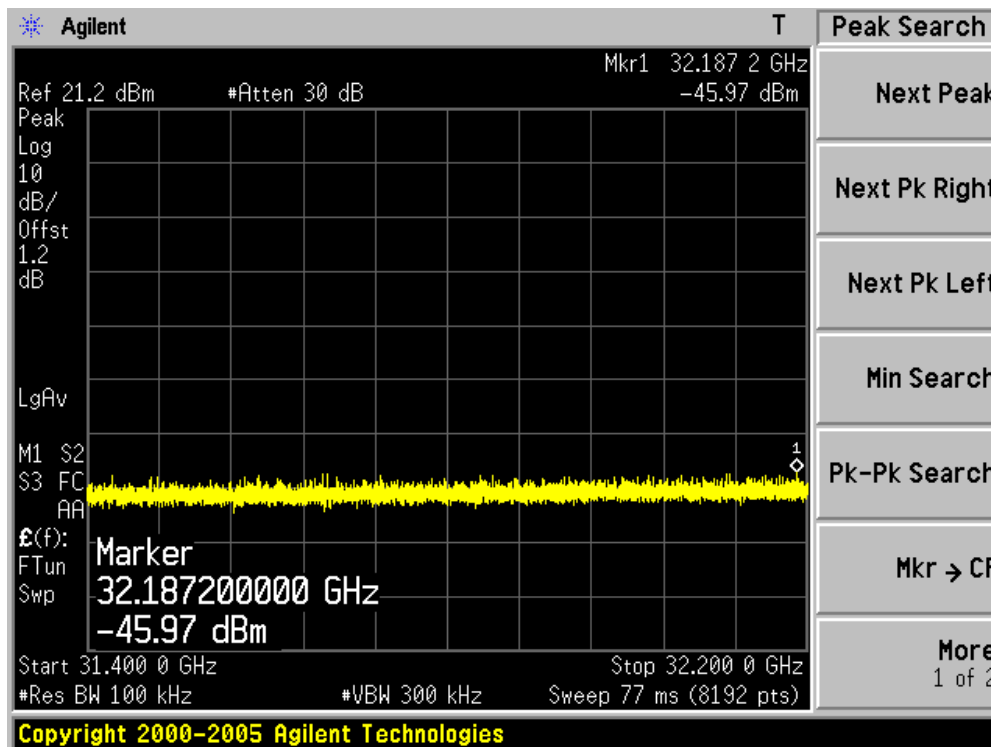
Channel 165 (5825MHz)-7



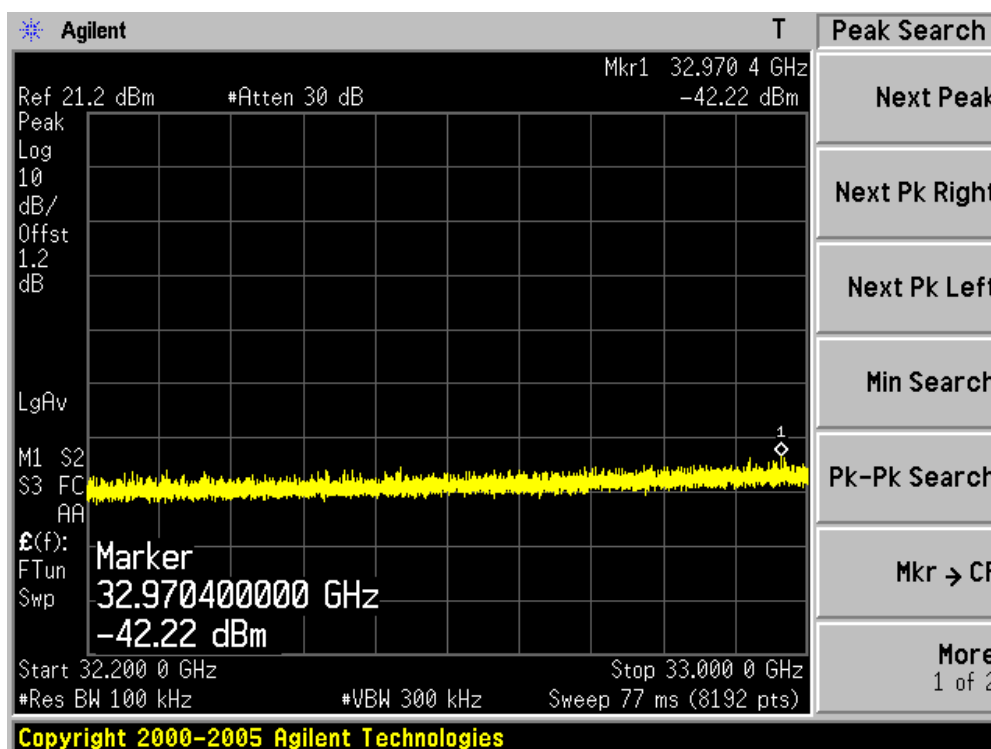
Channel 165 (5825MHz)-8



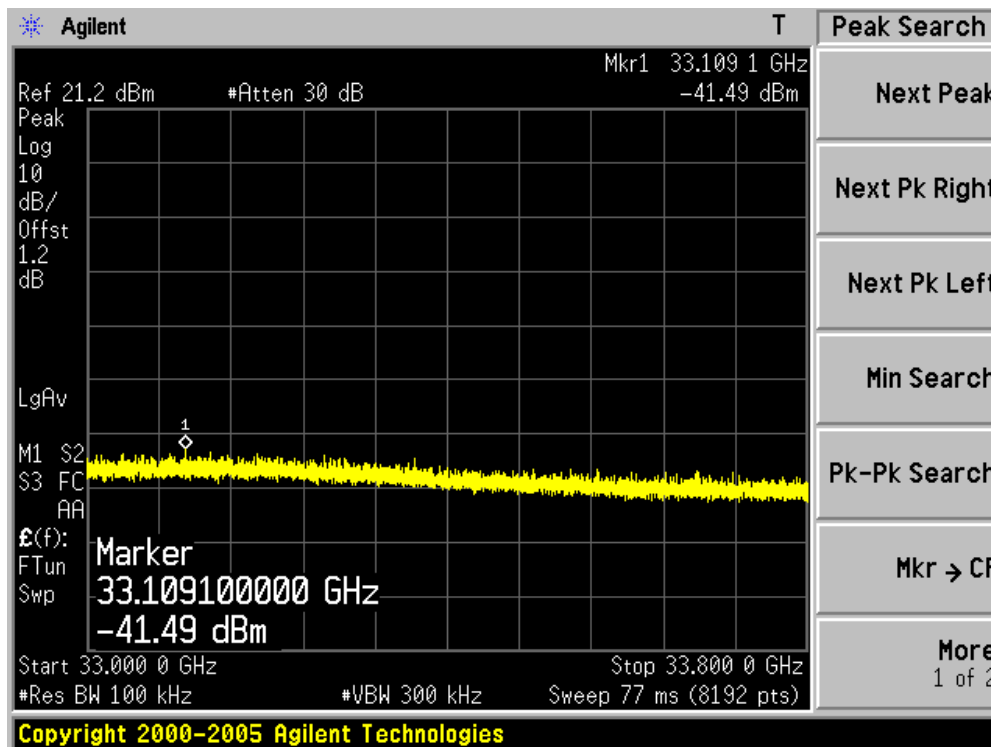
Channel 165 (5825MHz)-9



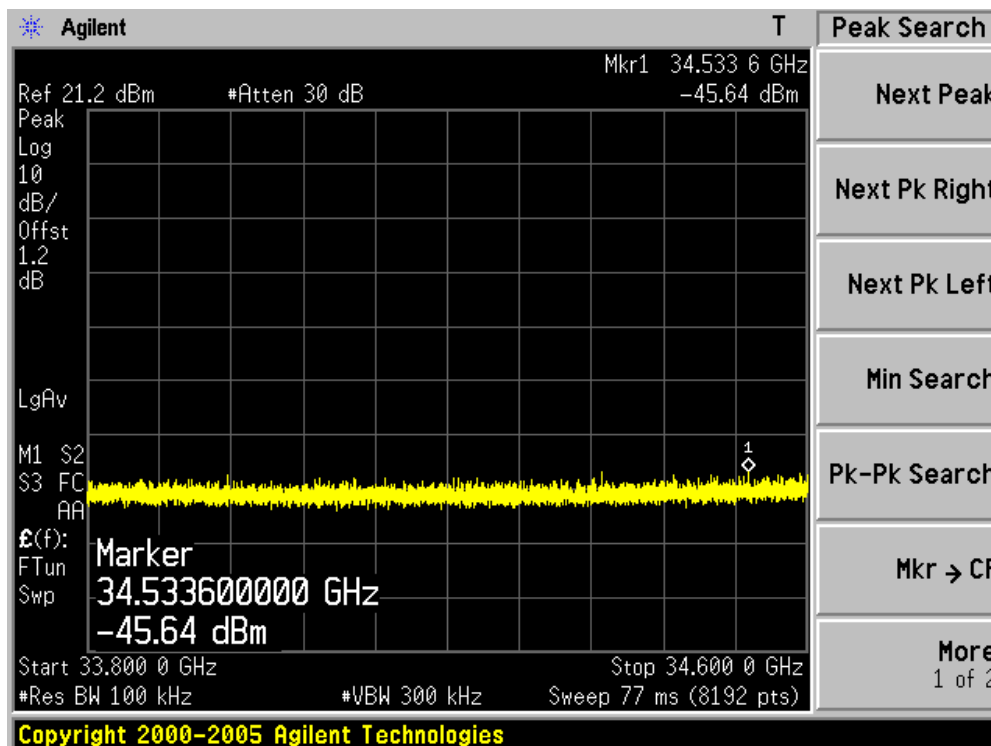
Channel 165 (5825MHz)-10



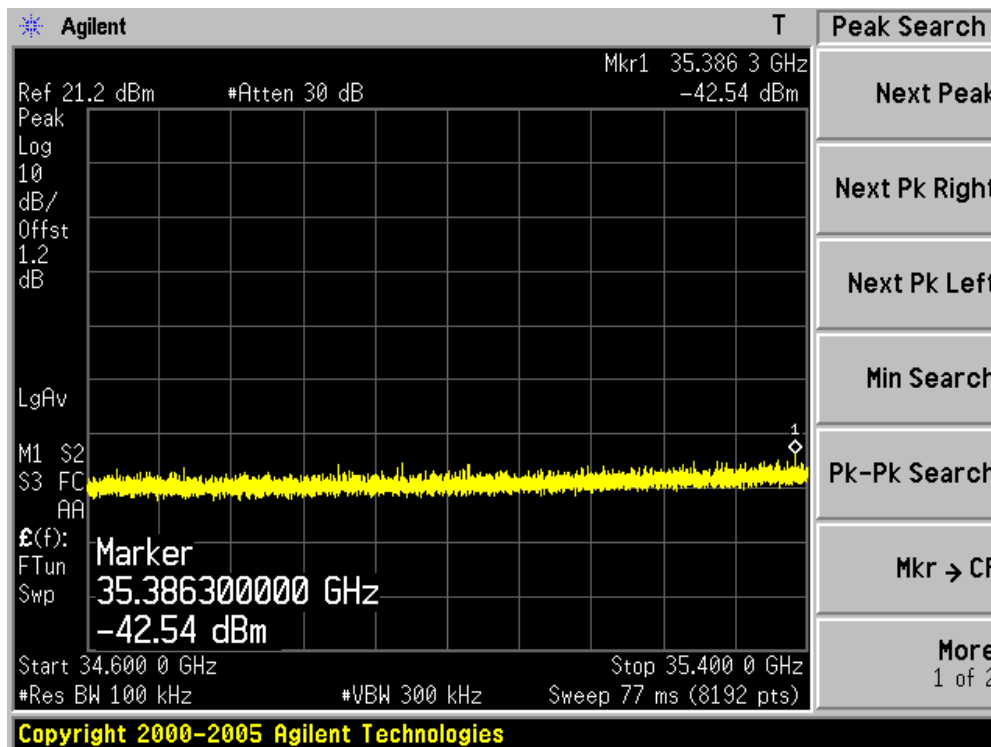
Channel 165 (5825MHz)-11



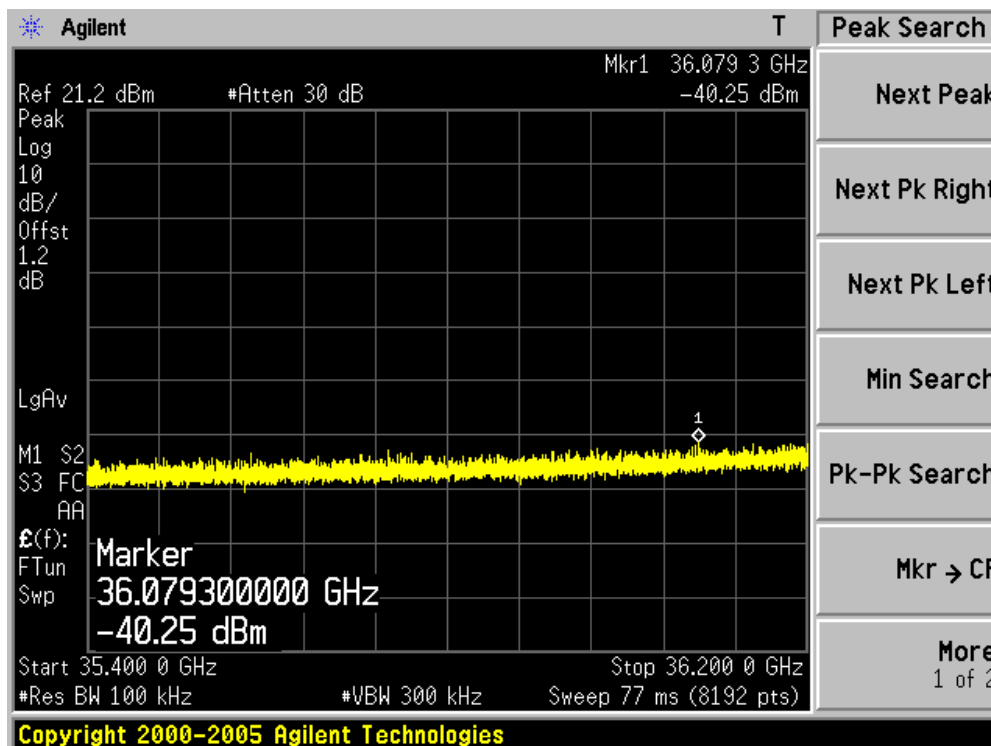
Channel 165 (5825MHz)-12



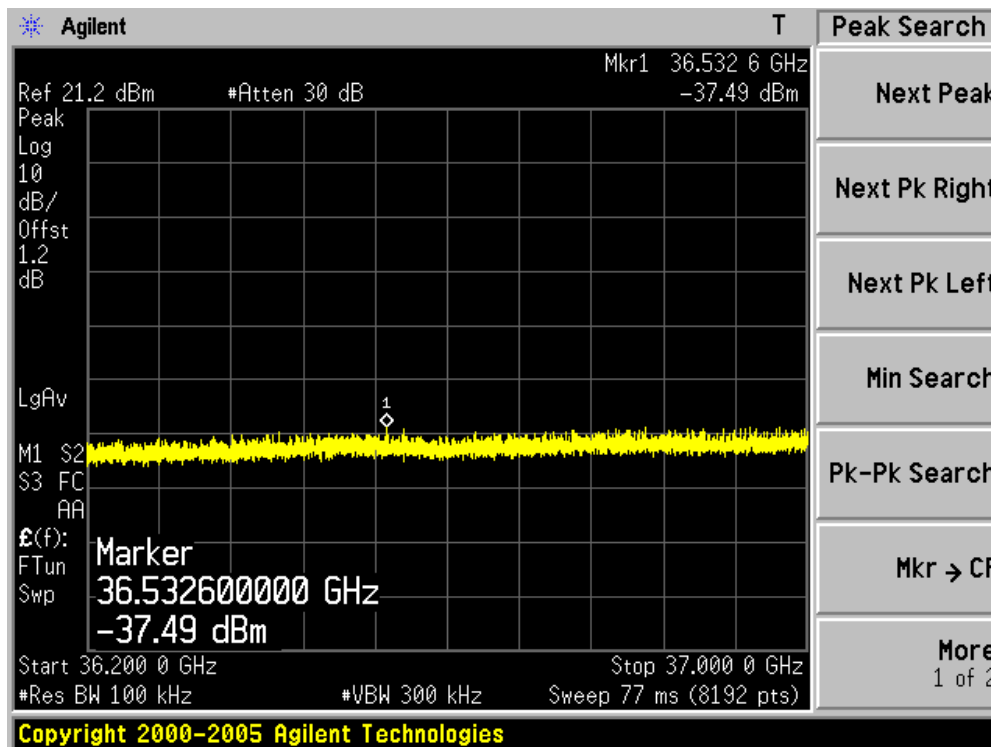
Channel 165 (5825MHz)-13



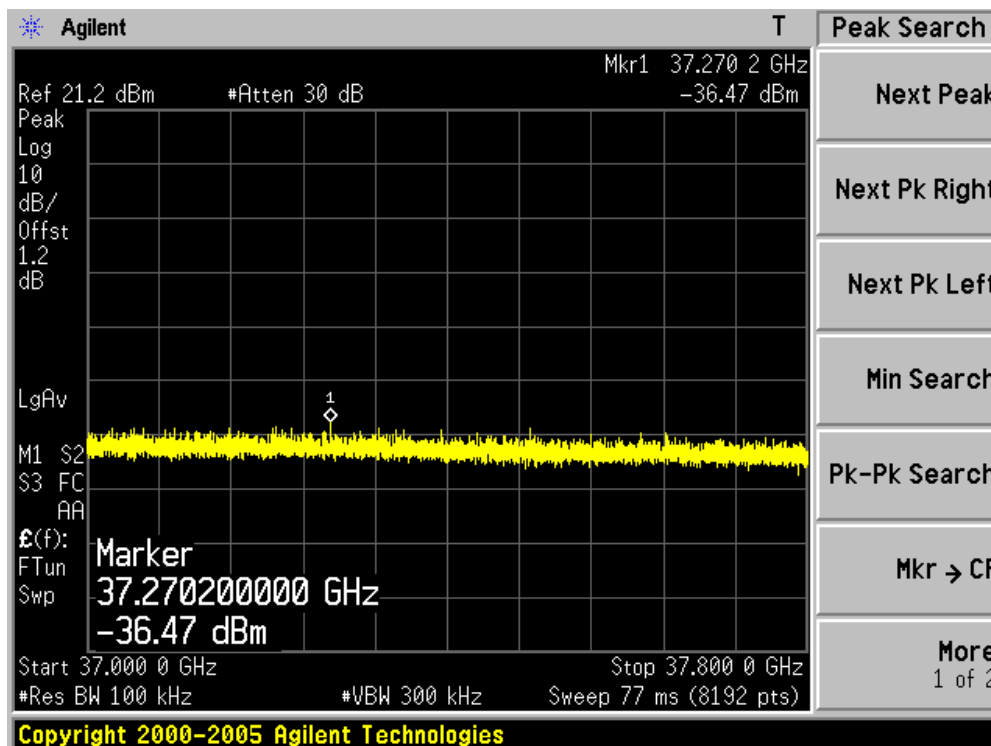
Channel 165 (5825MHz)-14



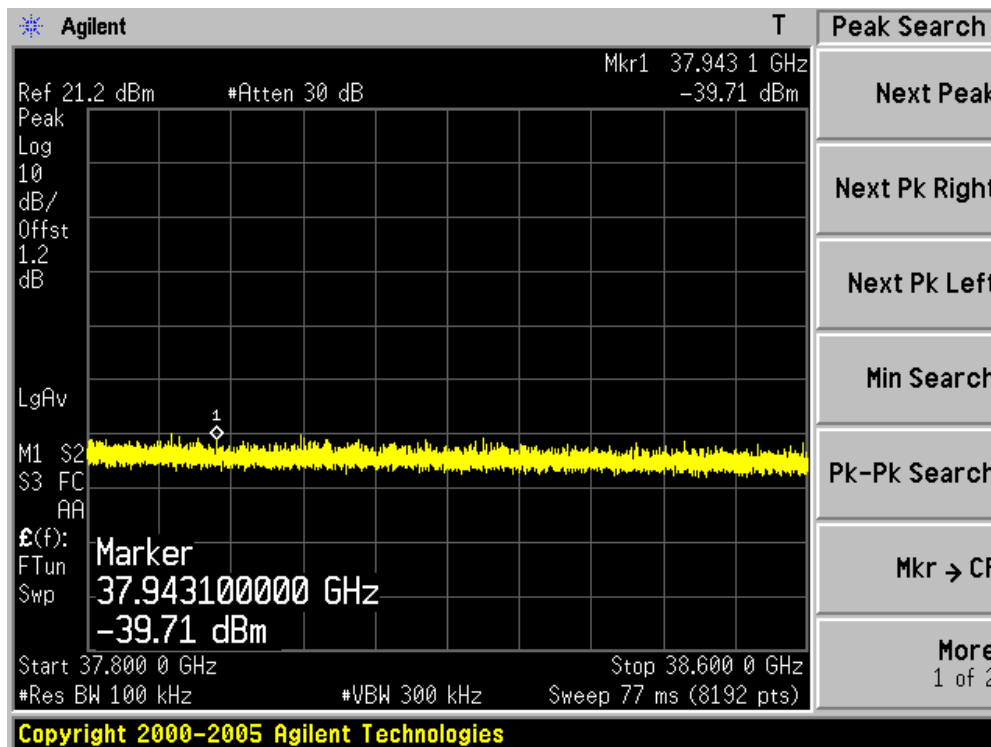
Channel 165 (5825MHz)-15



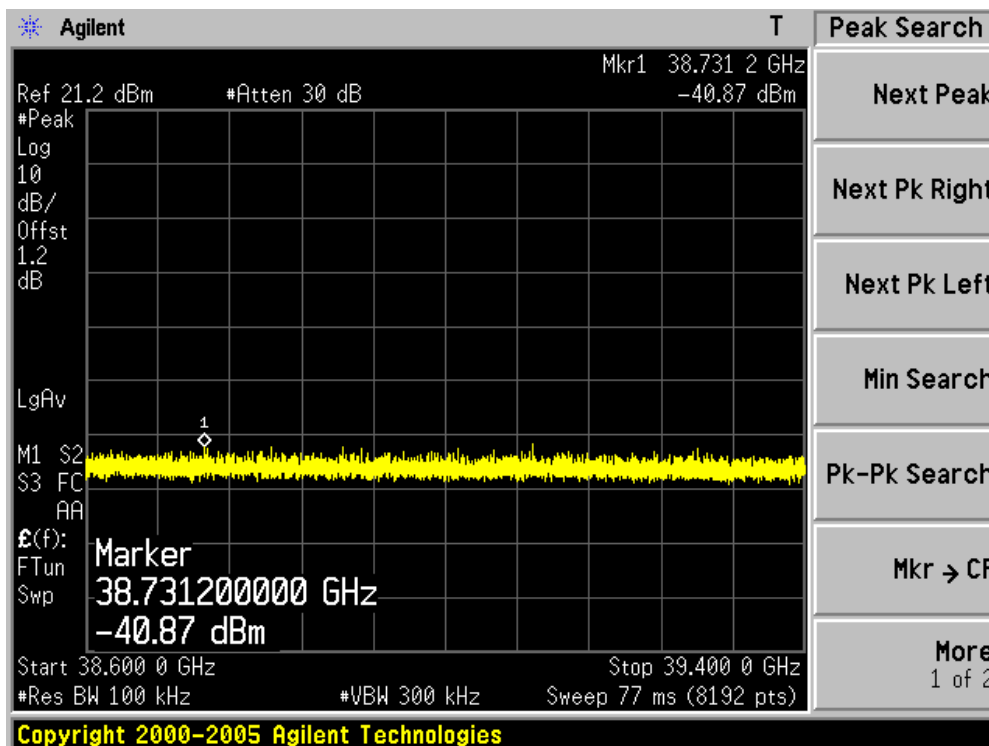
Channel 165 (5825MHz)-16



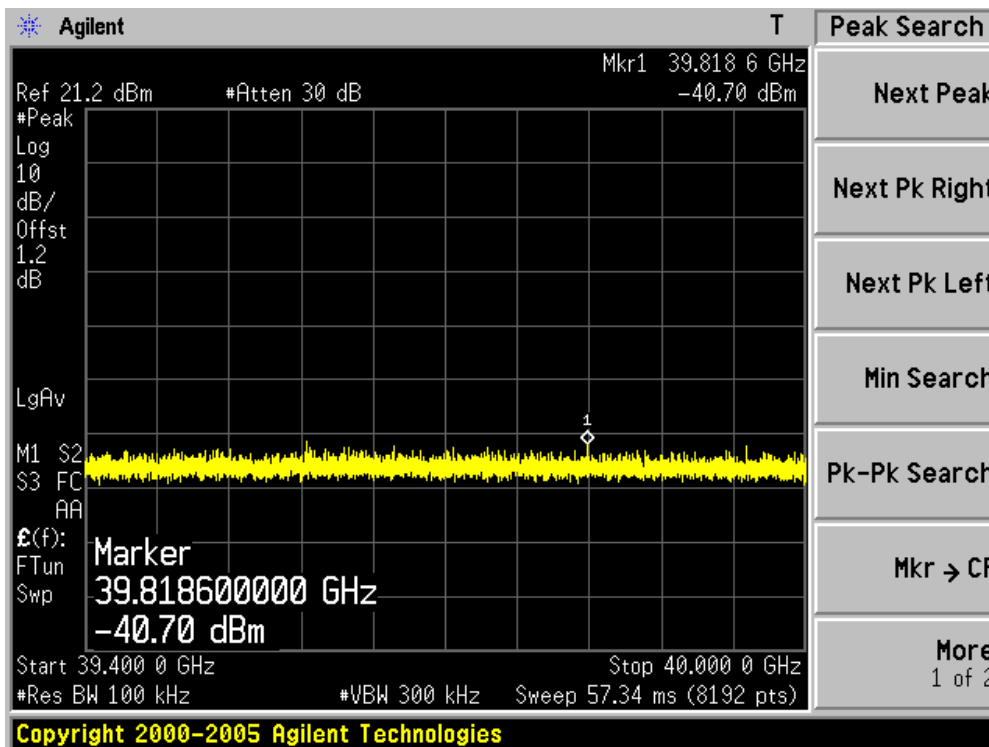
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18



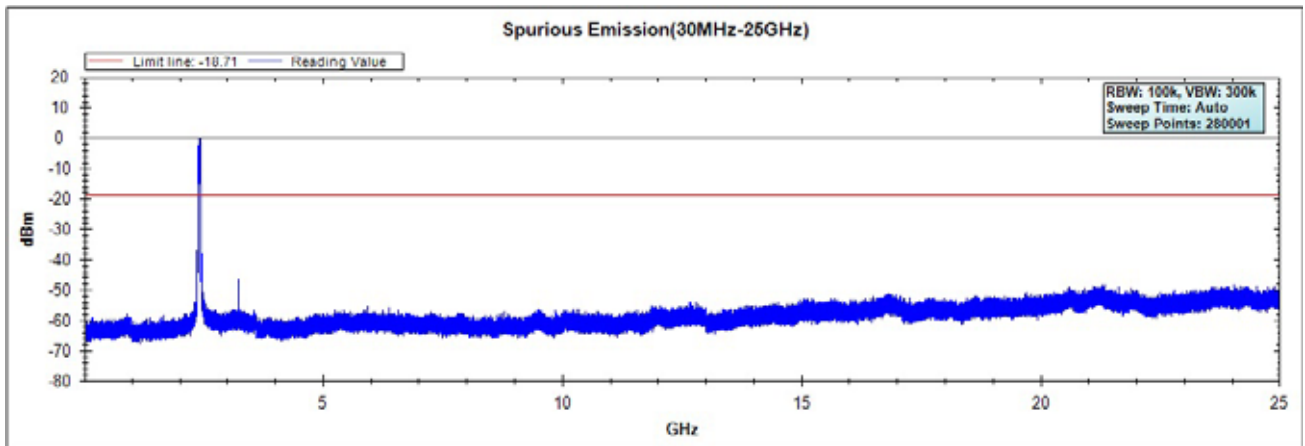
Channel 165 (5825MHz)-19



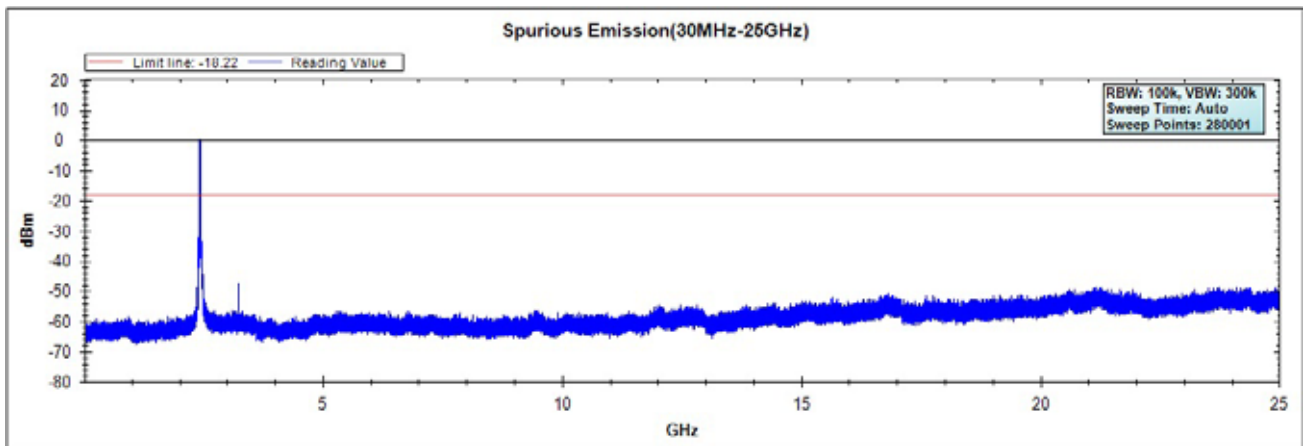


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 1)

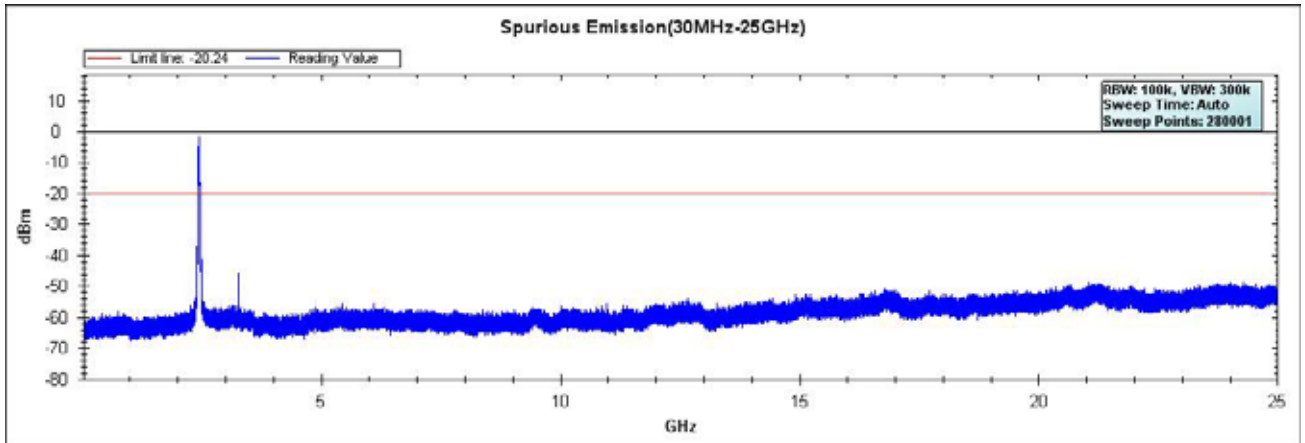
**Channel 03 (2422MHz)**



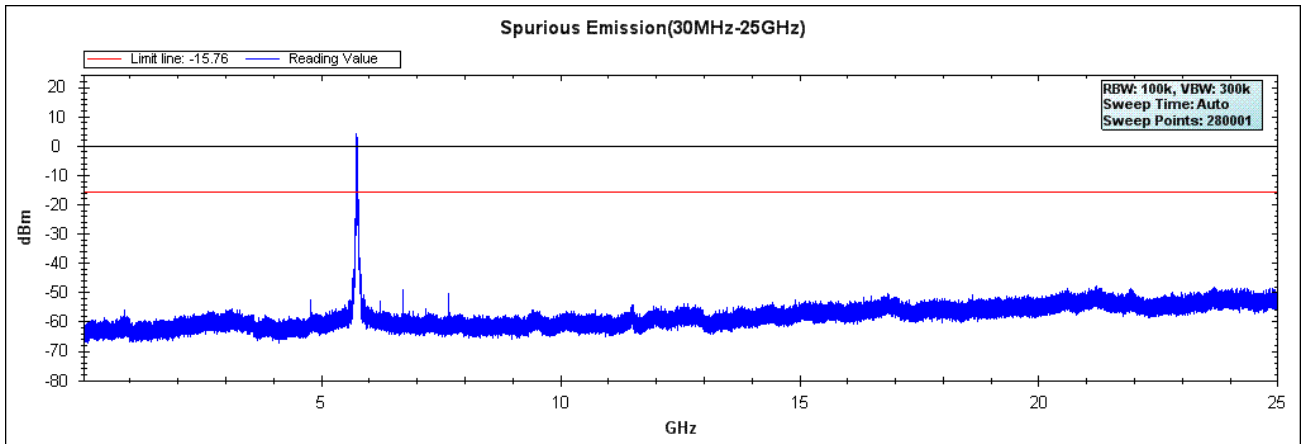
**Channel 06 (2437MHz)**



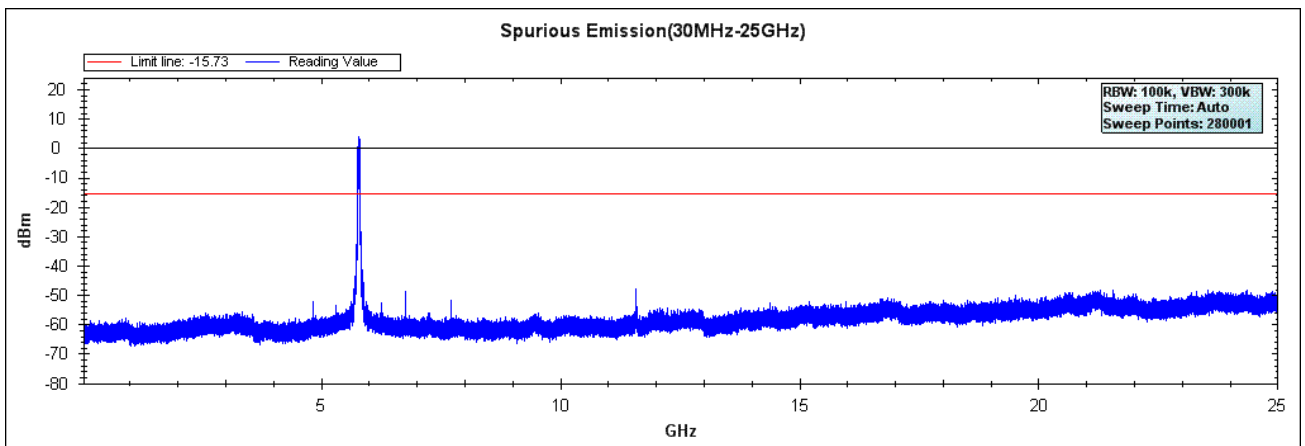
### Channel 09 (2452MHz)



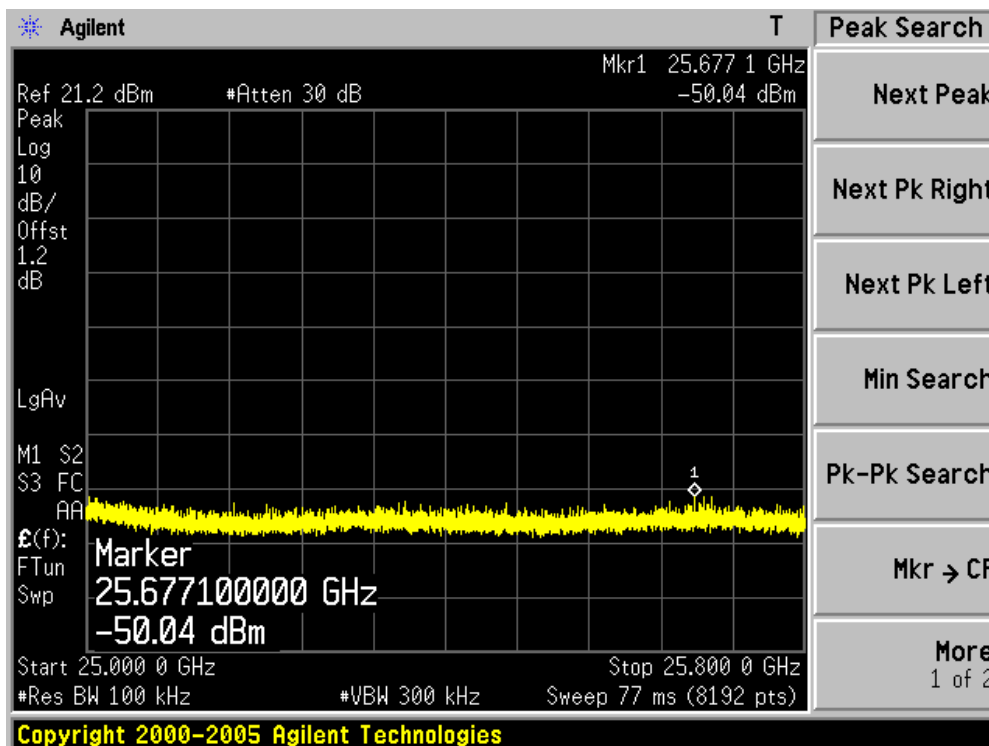
### Channel 151 (5755MHz)



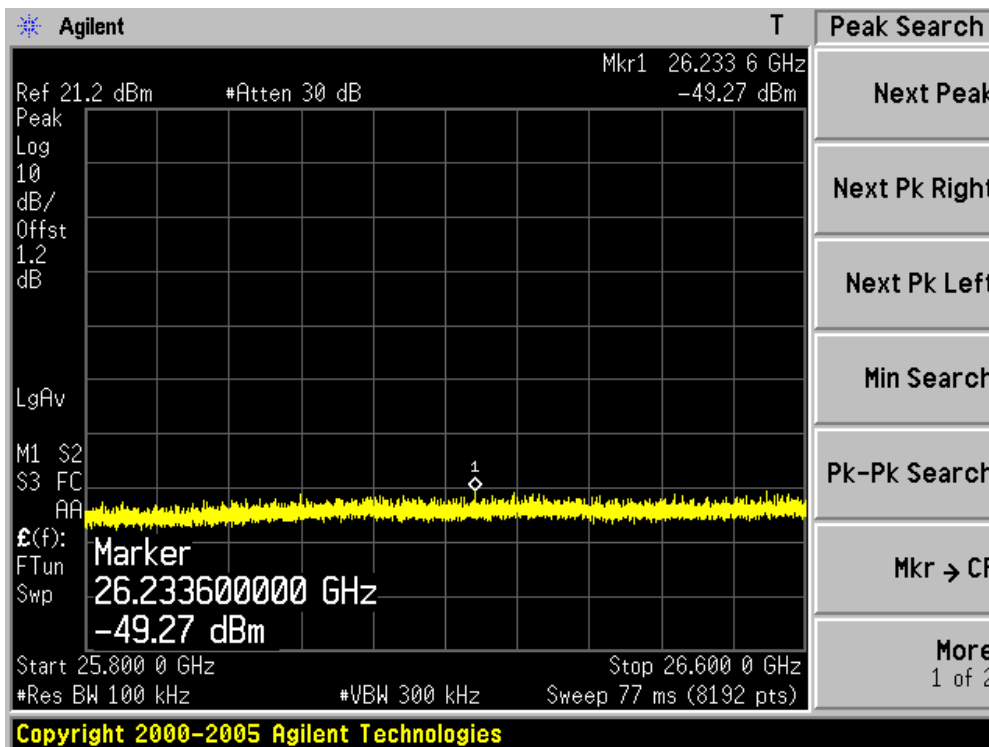
### Channel 159 (5795MHz)



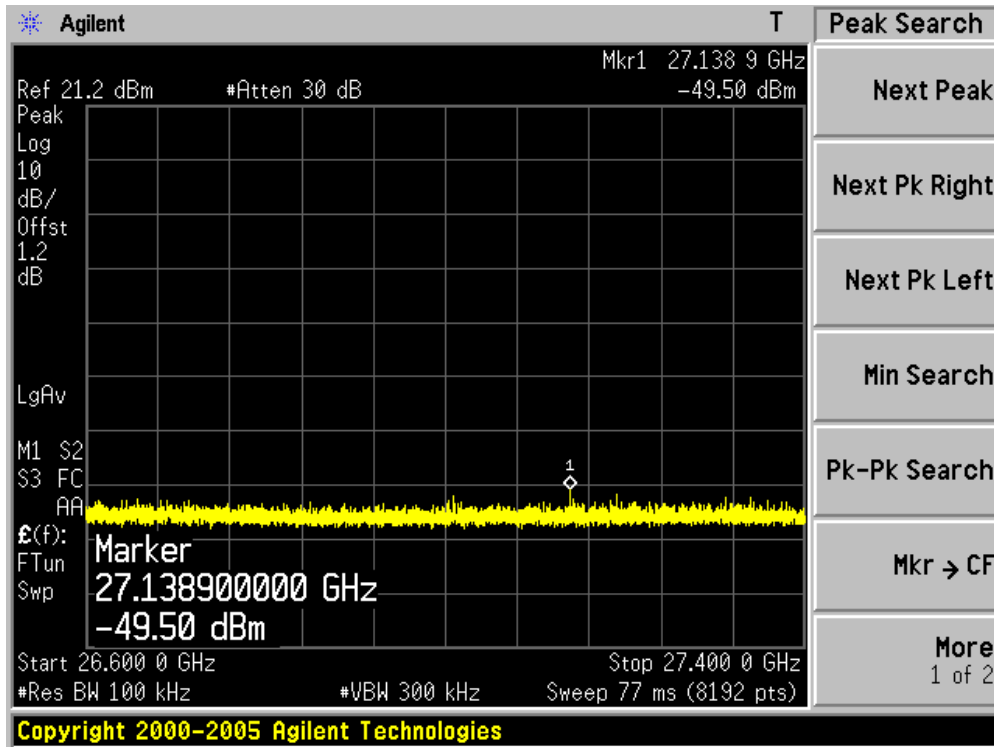
Channel 151 (5755MHz)-1



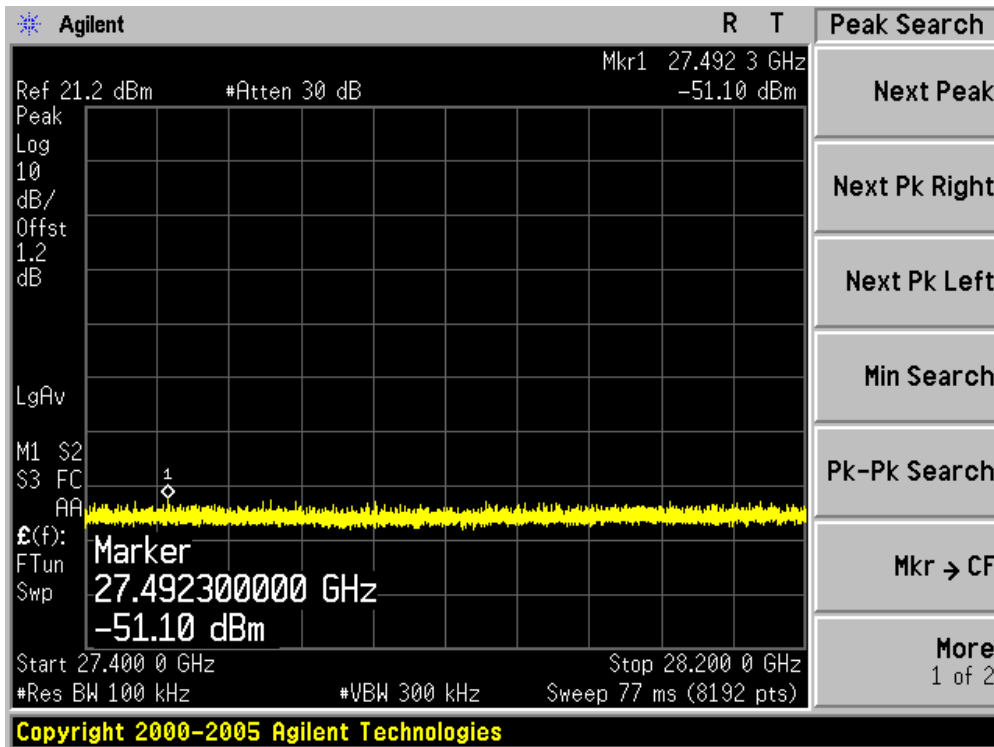
Channel 151 (5755MHz)-2



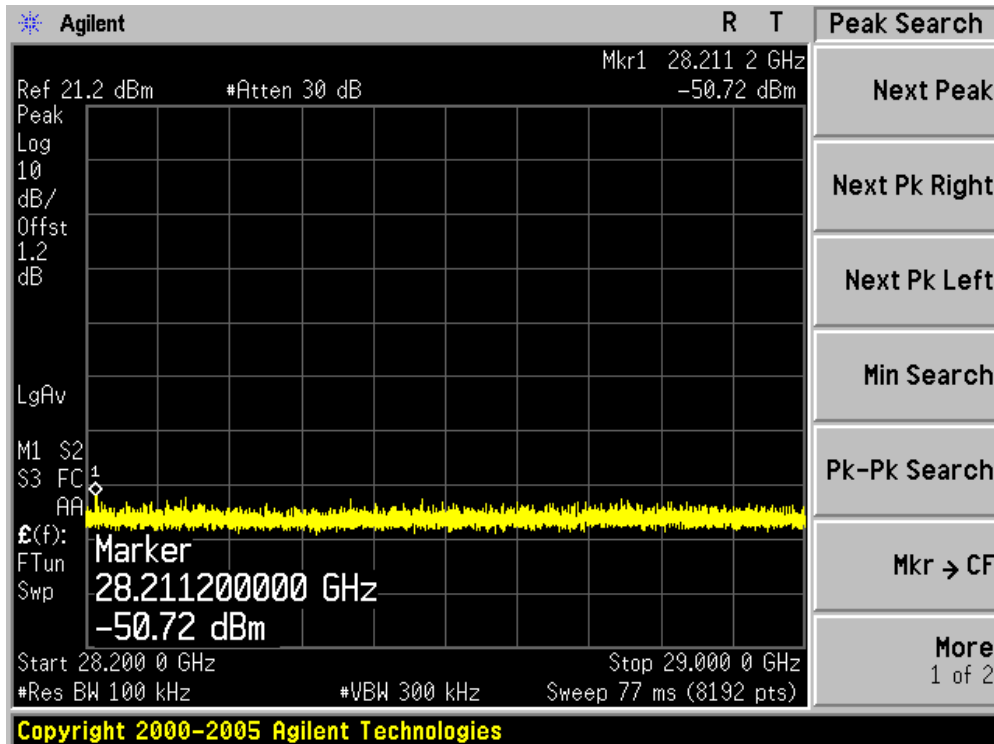
Channel 151 (5755MHz)-3



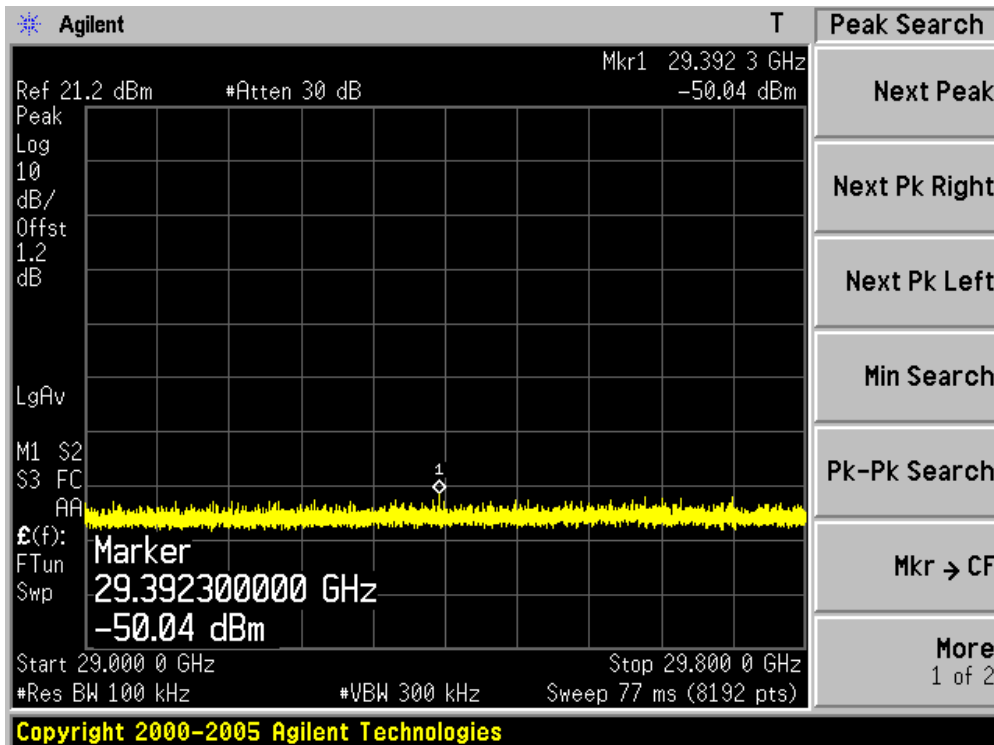
Channel 151 (5755MHz)-4



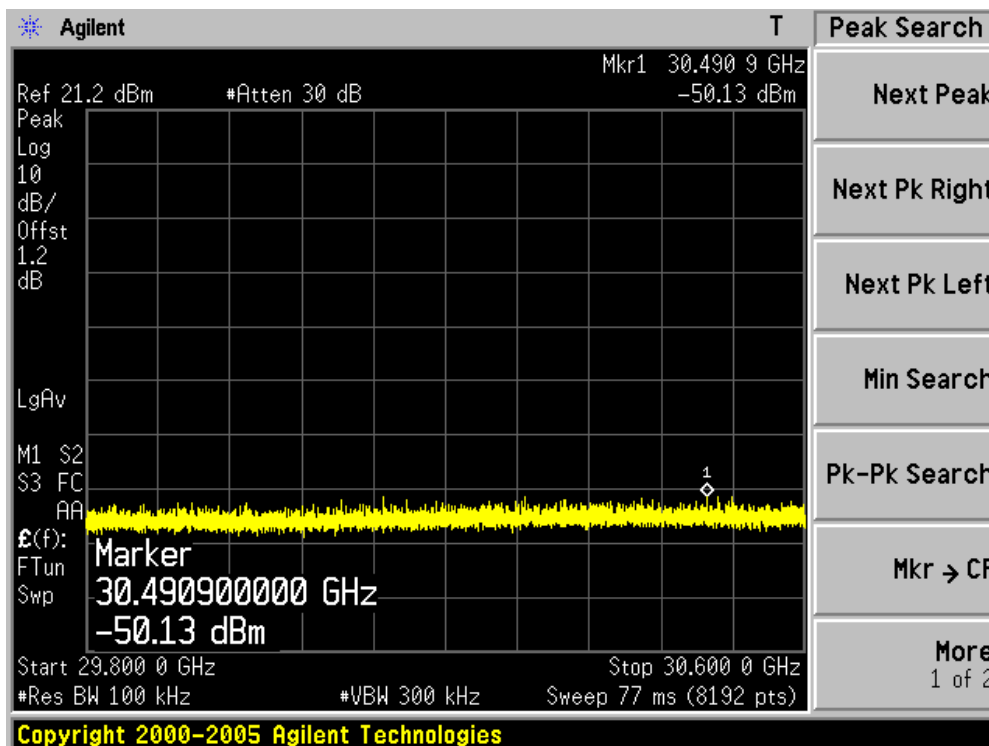
Channel 151 (5755MHz)-5



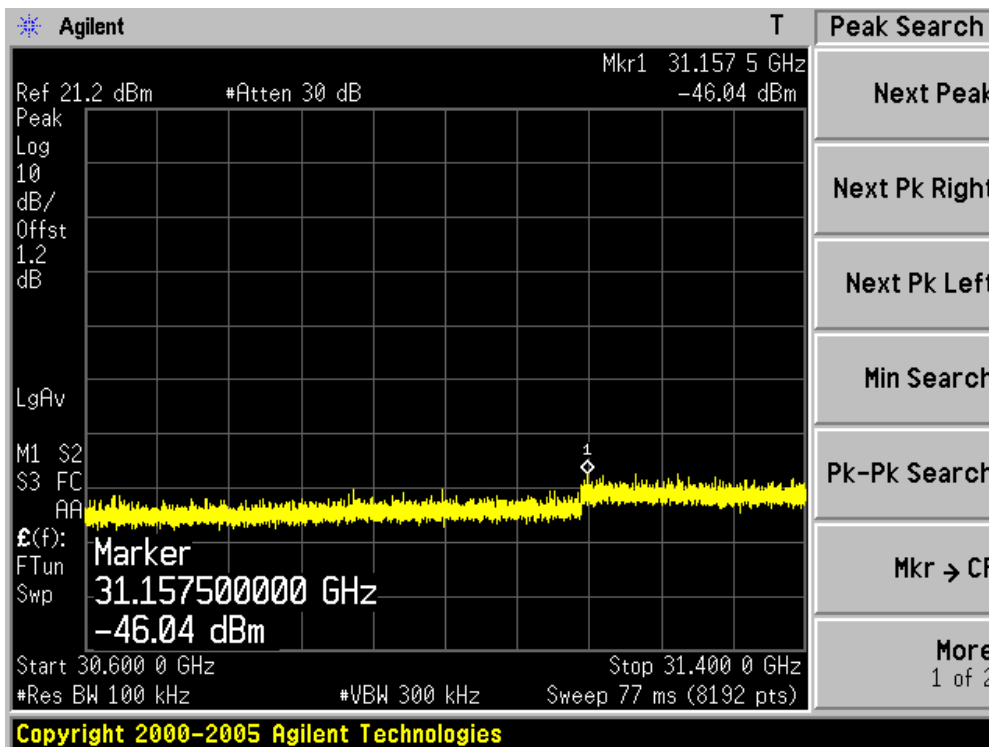
Channel 151 (5755MHz)-6



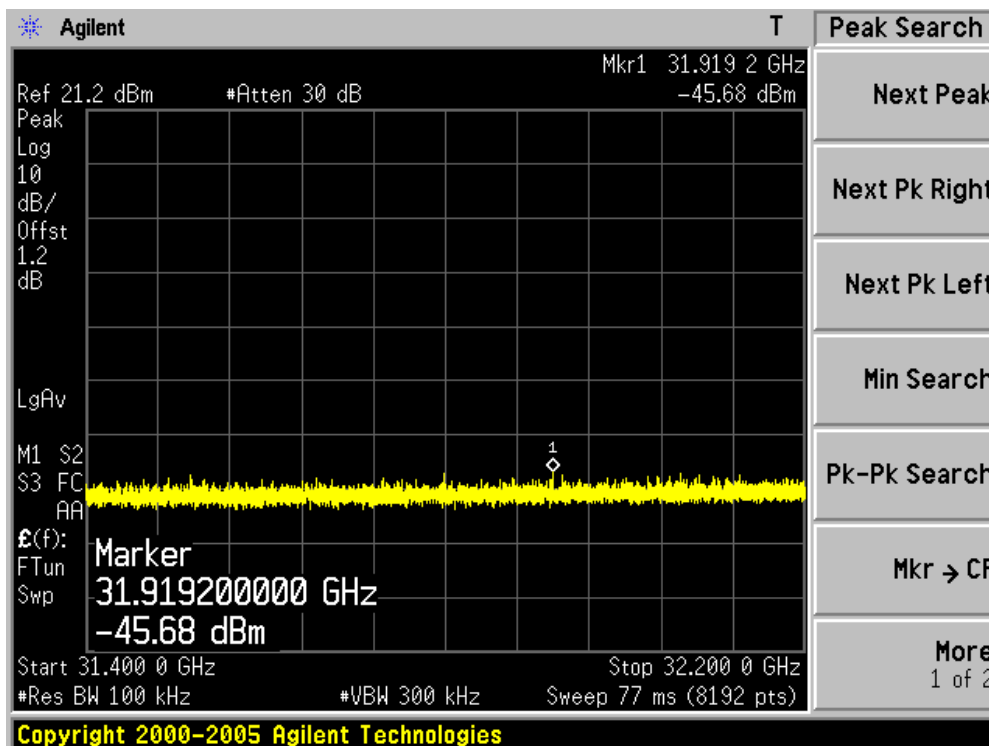
Channel 151 (5755MHz)-7



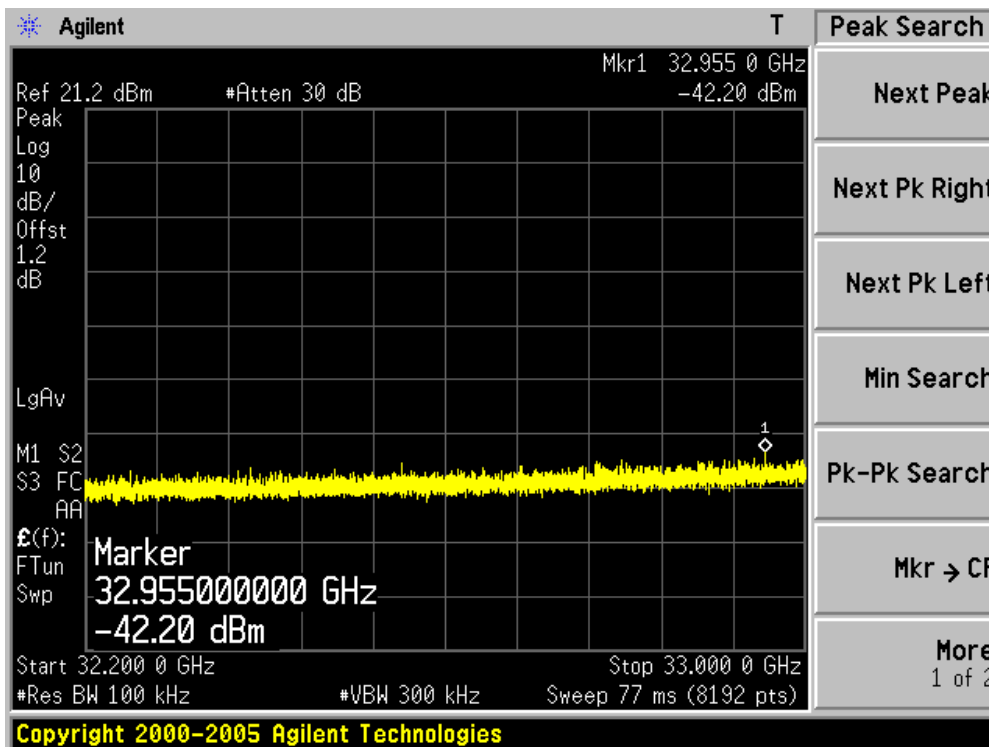
Channel 151 (5755MHz)-8



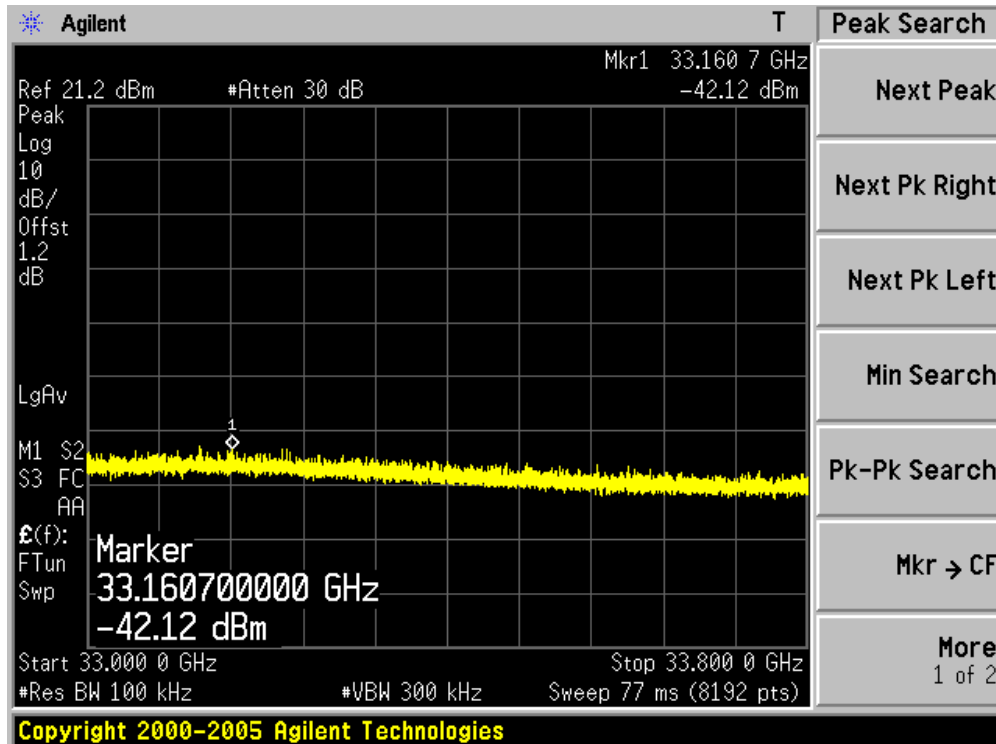
Channel 151 (5755MHz)-9



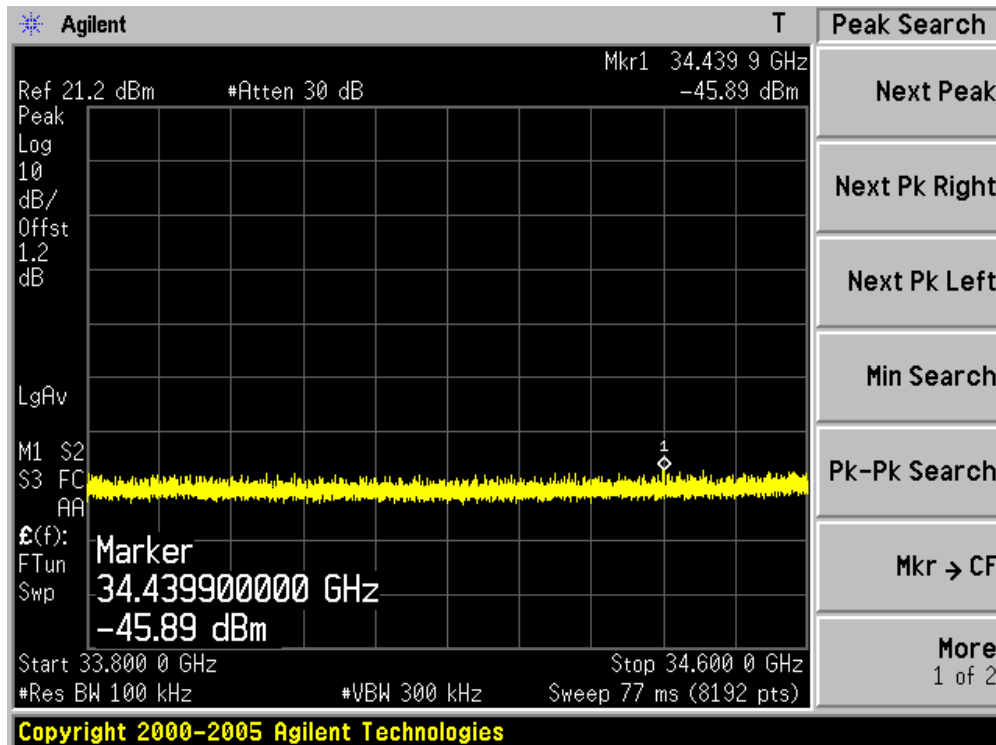
Channel 151 (5755MHz)-10



Channel 151 (5755MHz)-11

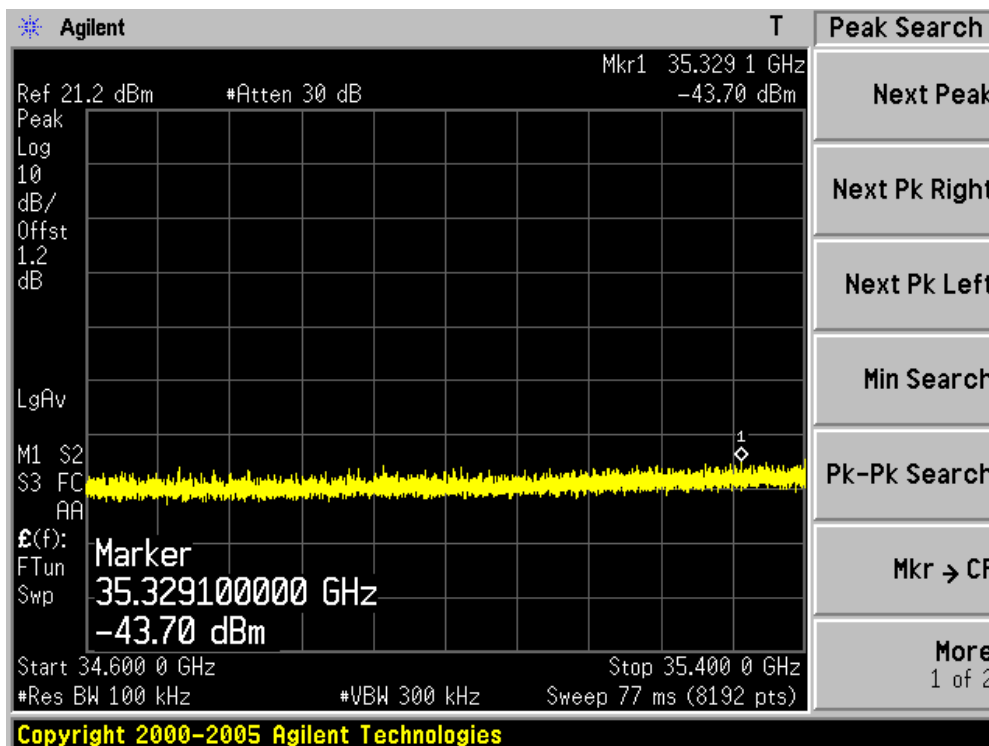


Channel 151 (5755MHz)-12

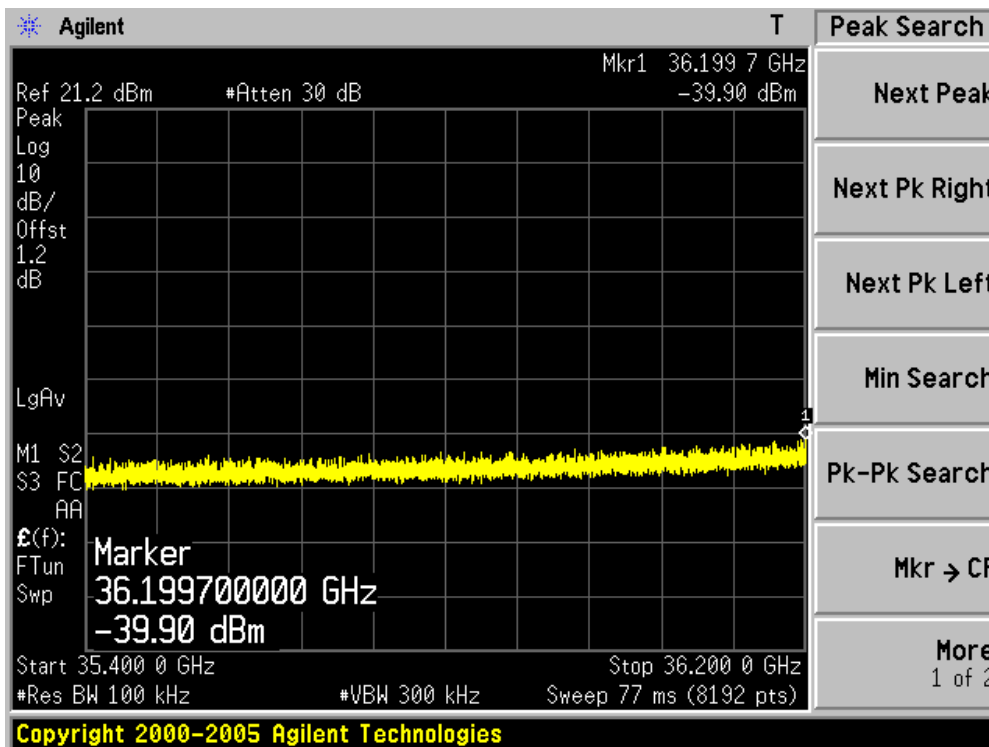




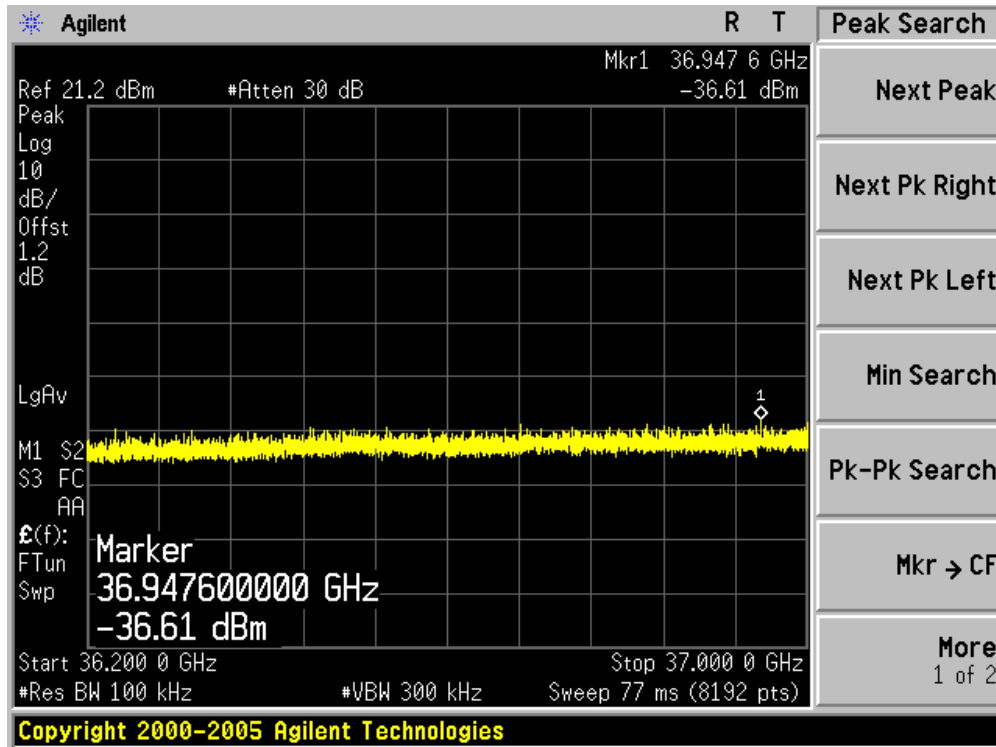
Channel 151 (5755MHz)-13



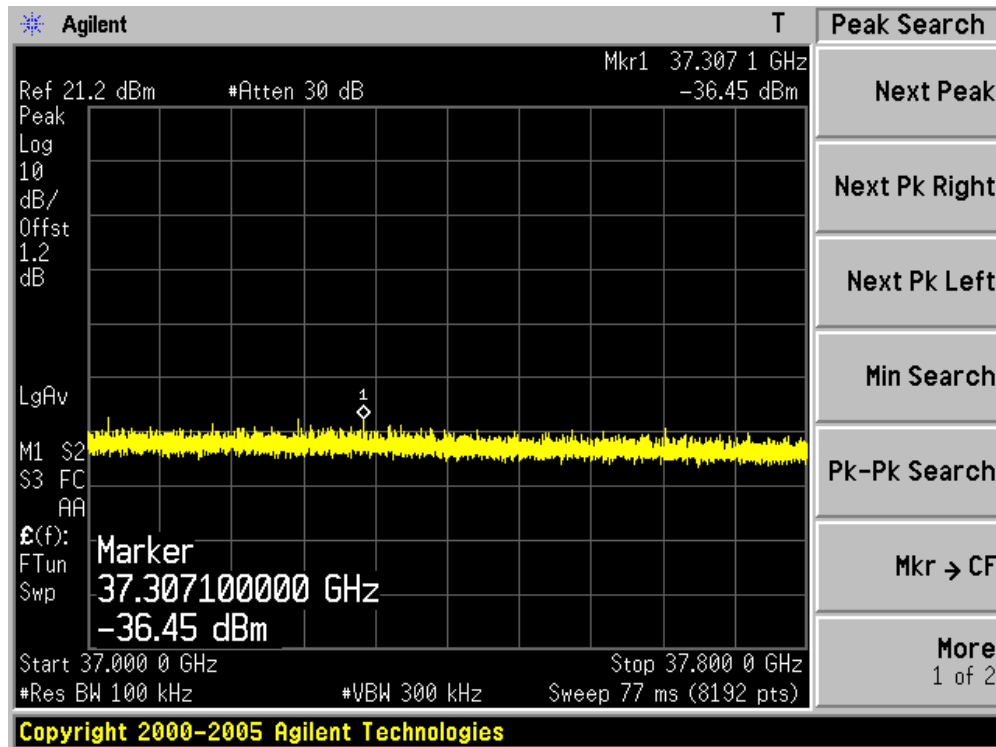
Channel 151 (5755MHz)-14



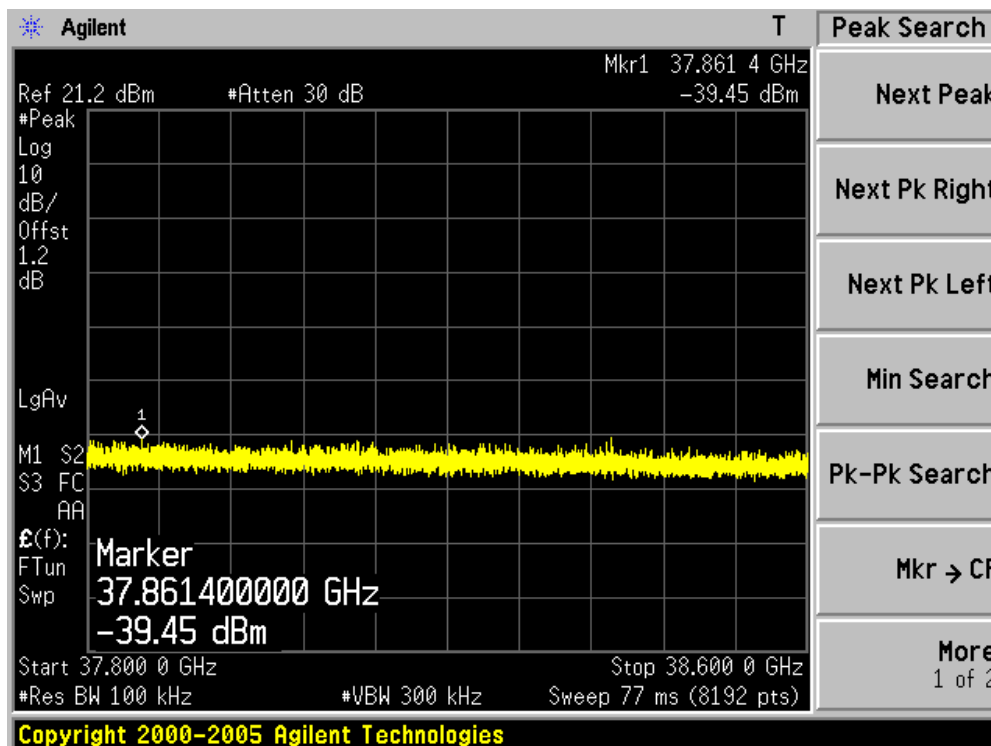
Channel 151 (5755MHz)-15



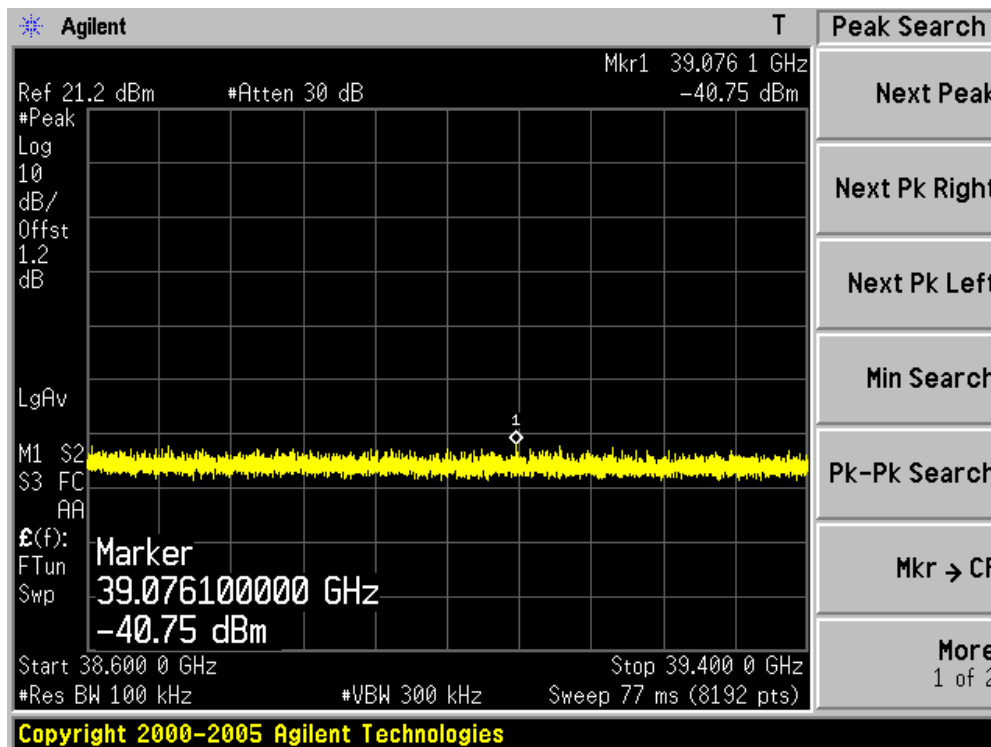
Channel 151 (5755MHz)-16



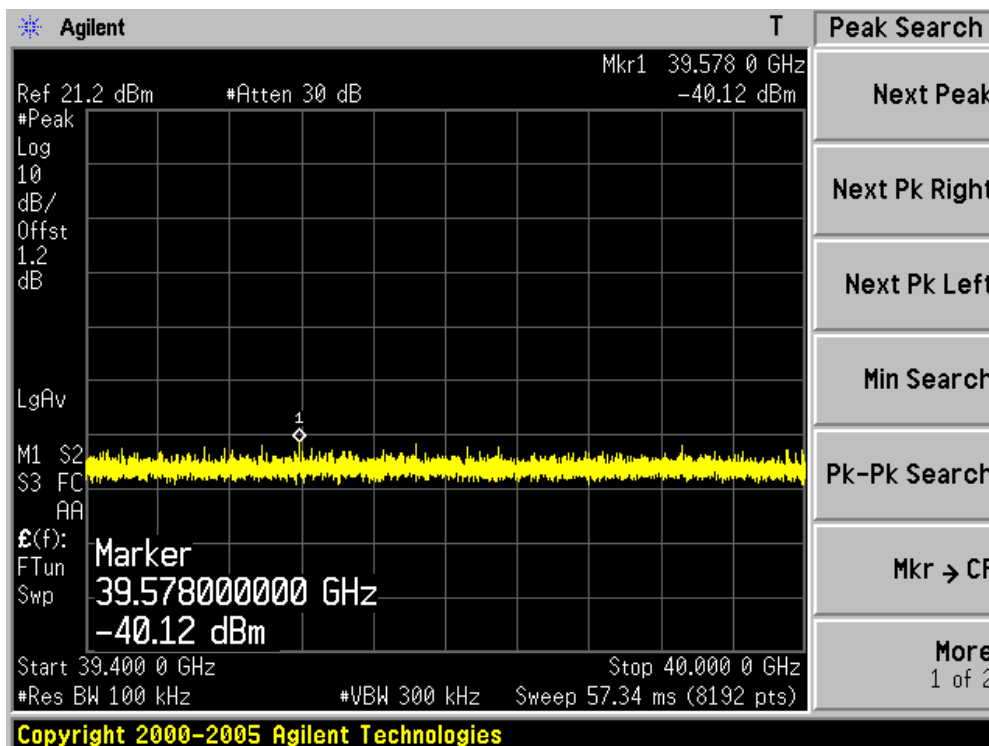
Channel 151 (5755MHz)-17



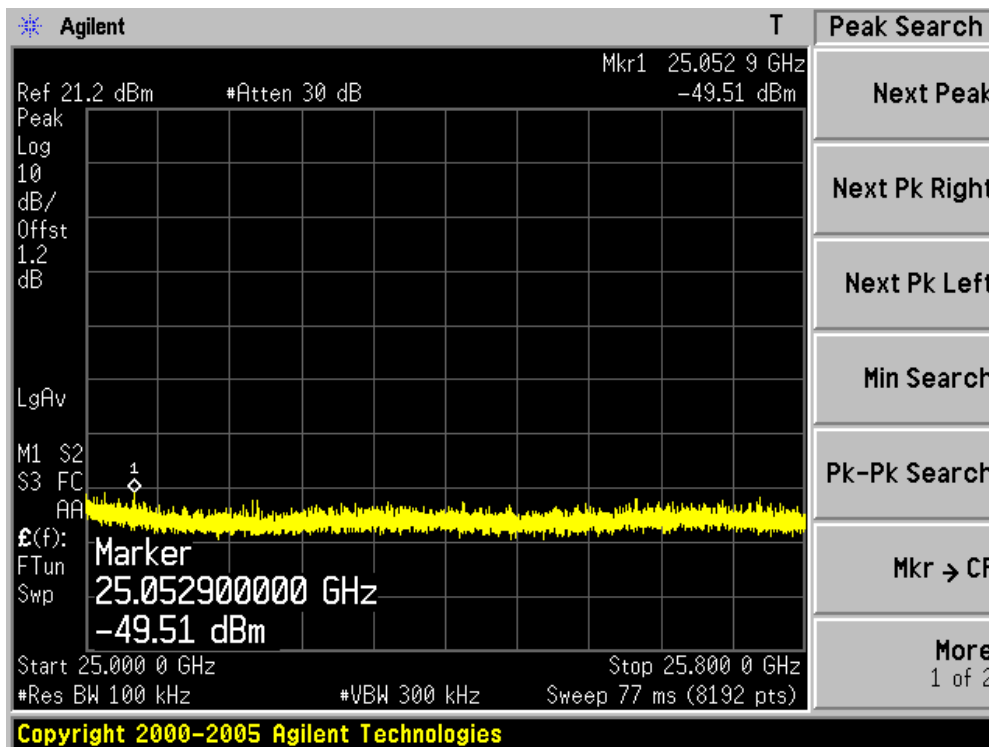
Channel 151 (5755MHz)-18



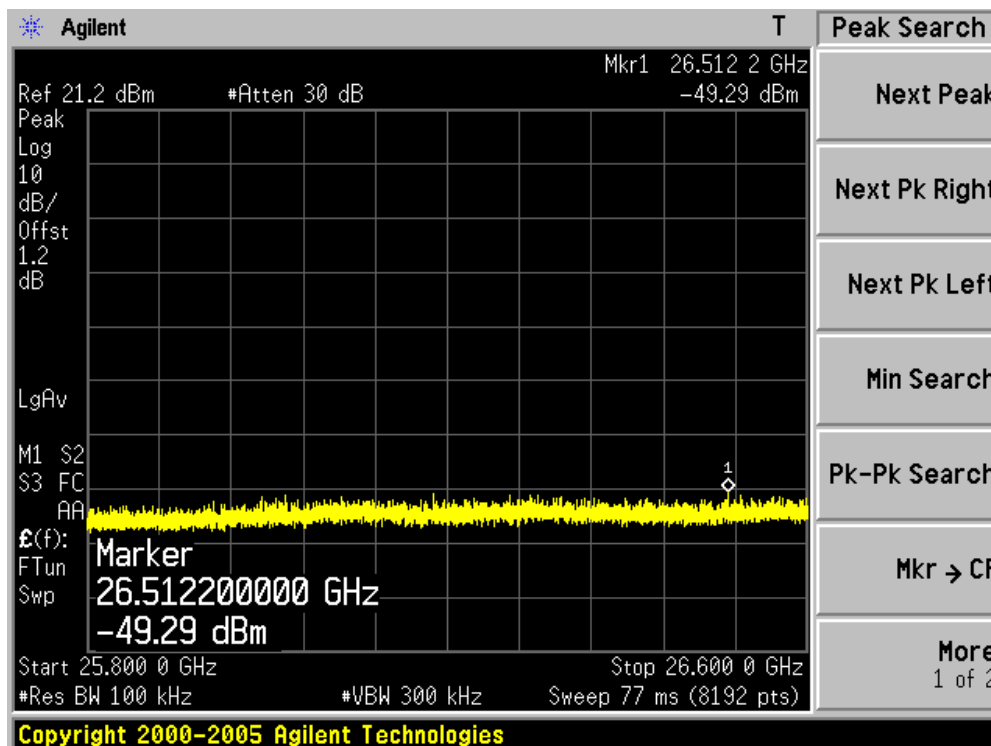
Channel 151 (5755MHz)-19



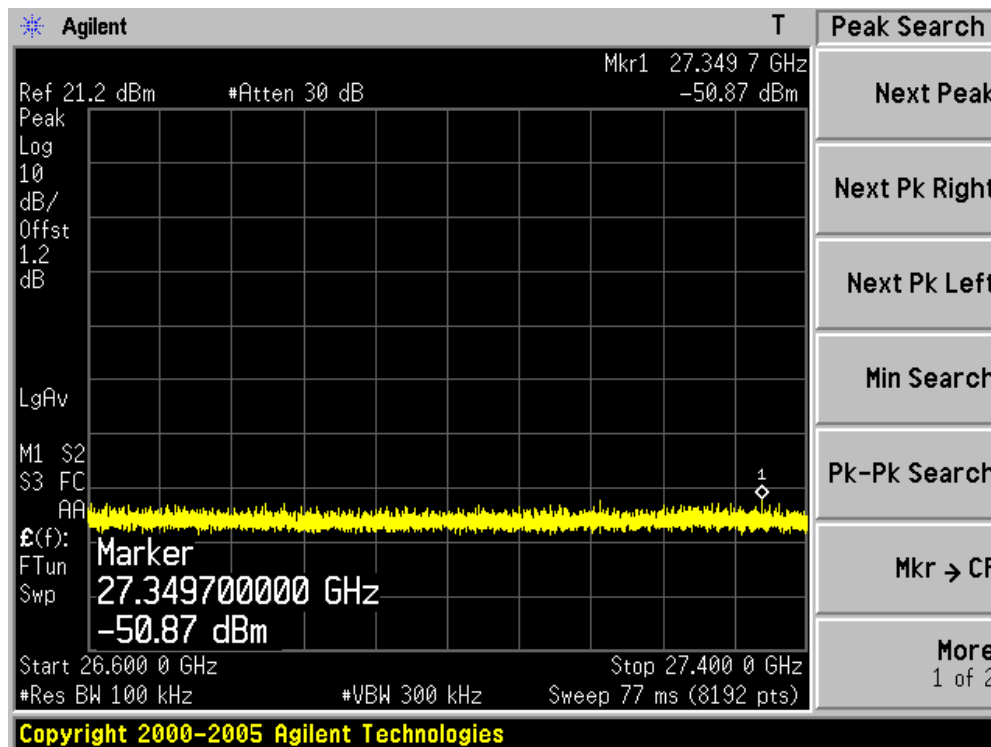
Channel 159 (5795MHz)-1



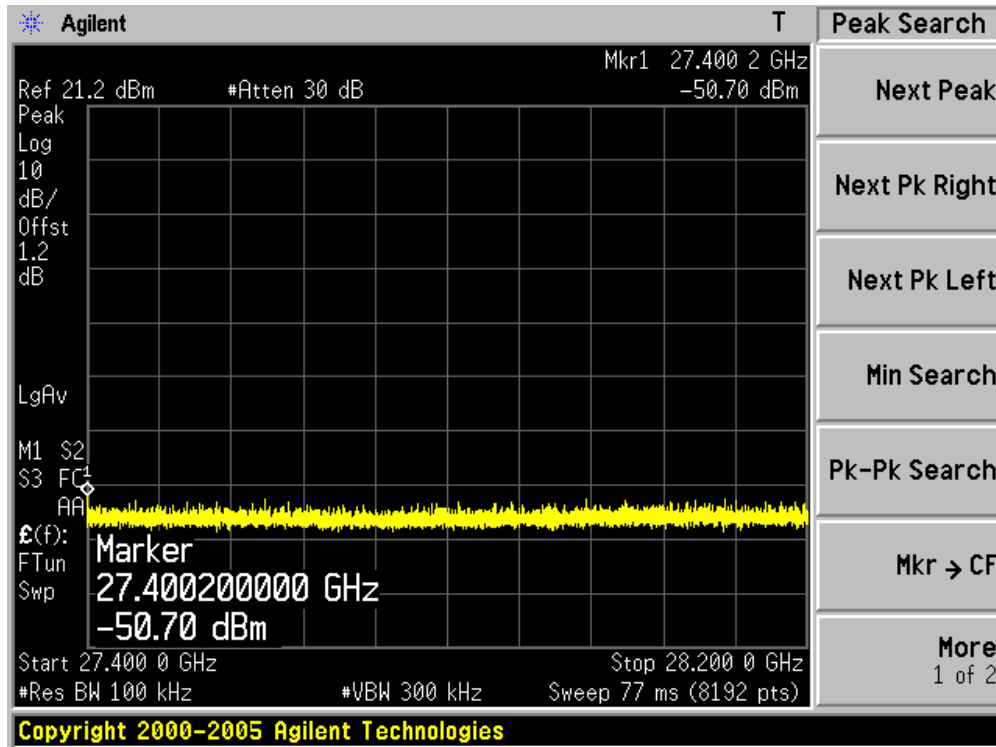
Channel 159 (5795MHz)-2



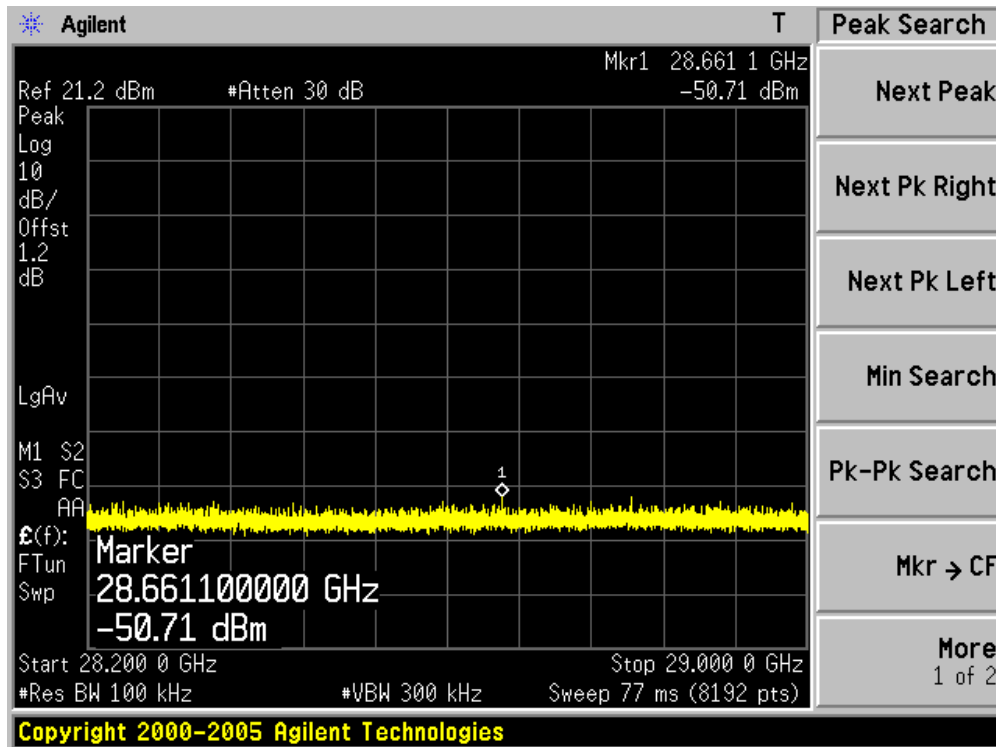
Channel 159 (5795MHz)-3



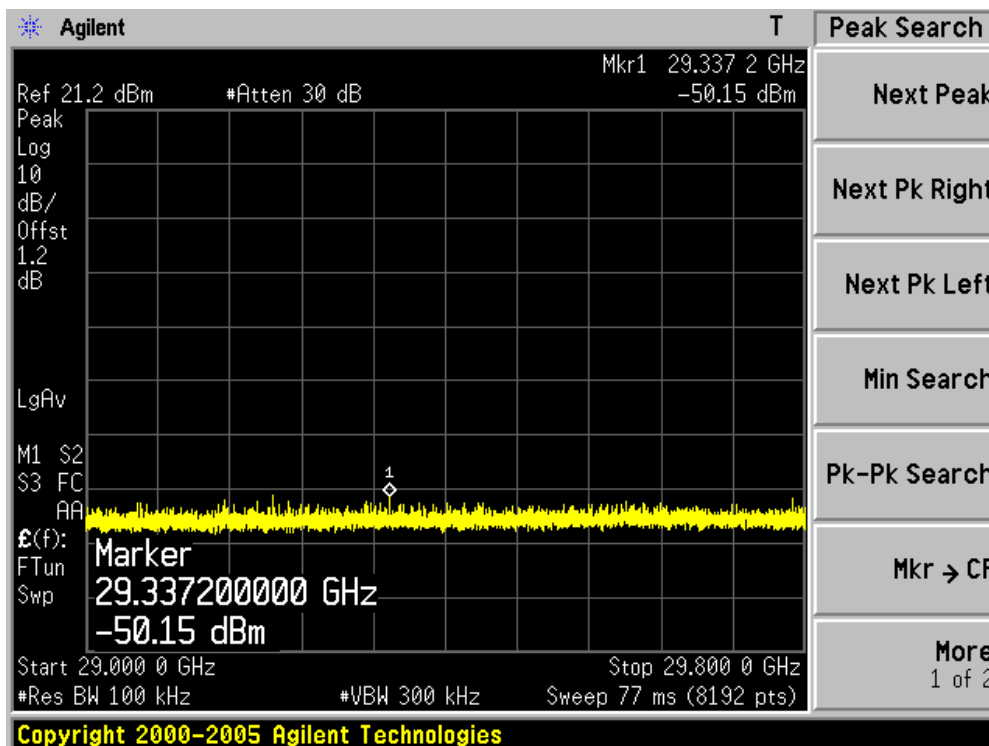
Channel 159 (5795MHz)-4



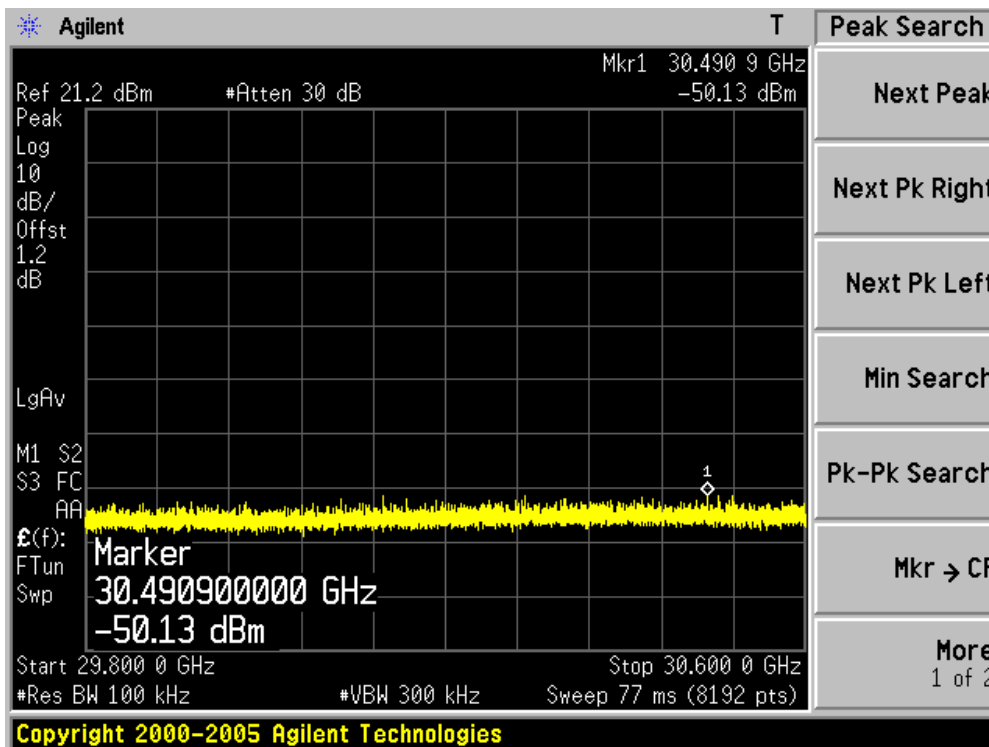
Channel 159 (5795MHz)-5



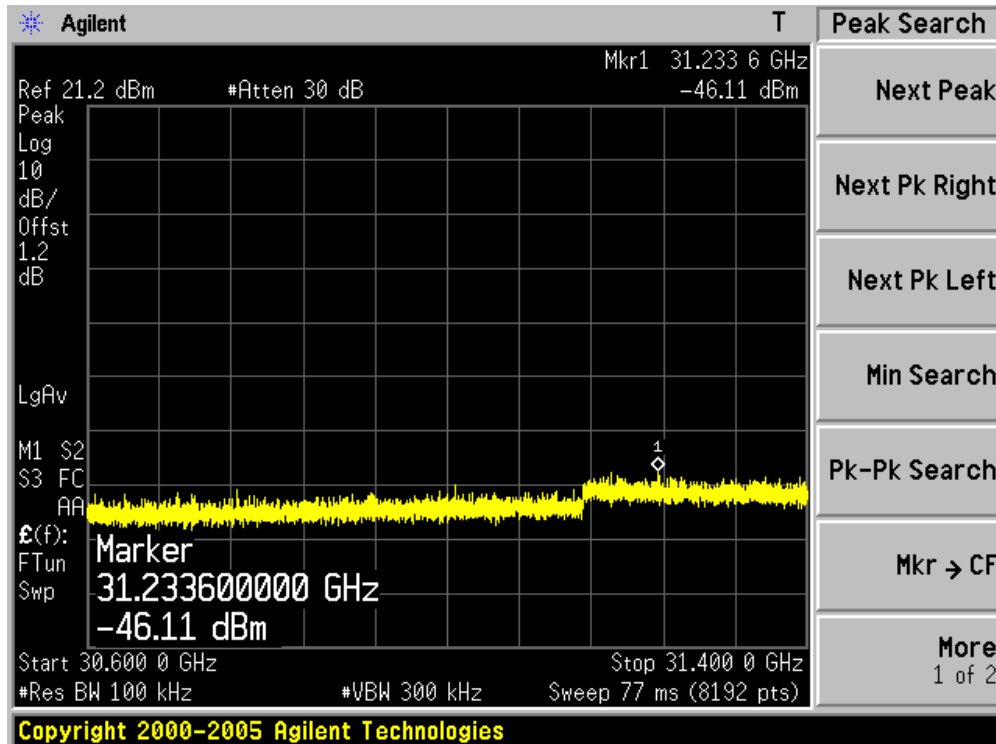
Channel 159 (5795MHz)-6



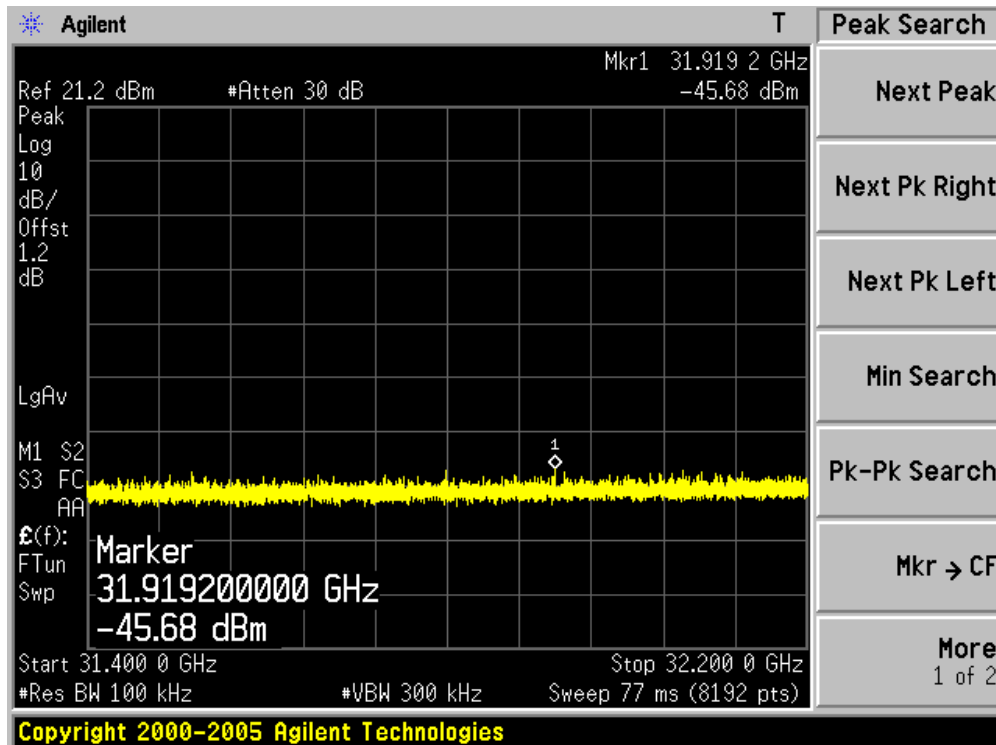
Channel 159 (5795MHz)-7



Channel 159 (5795MHz)-8

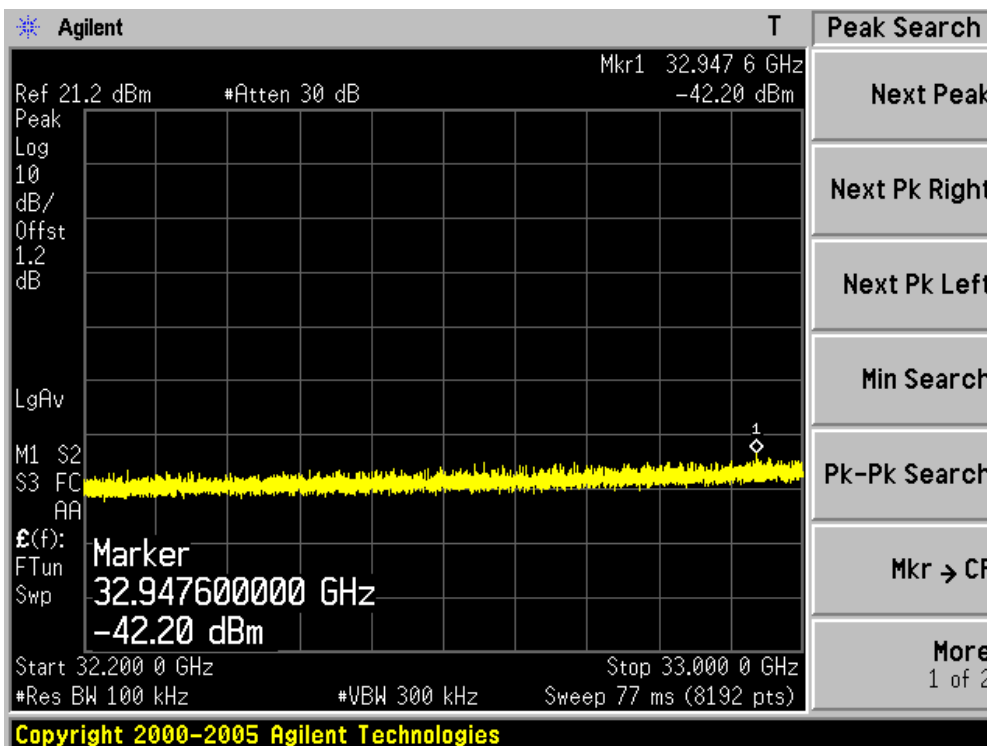


Channel 159 (5795MHz)-9

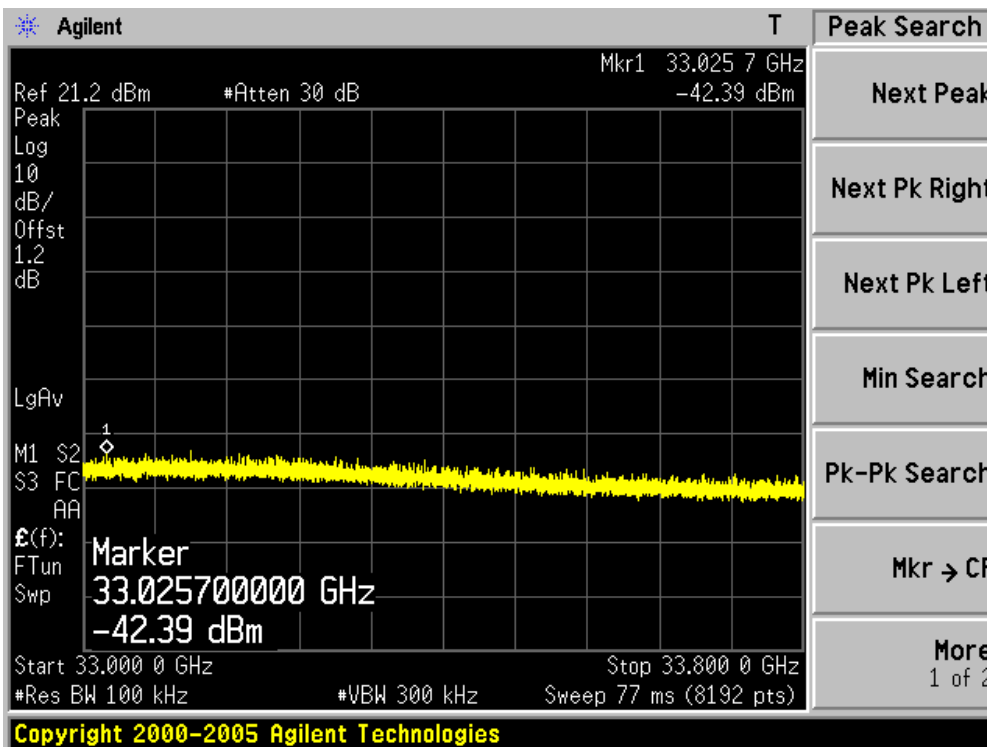




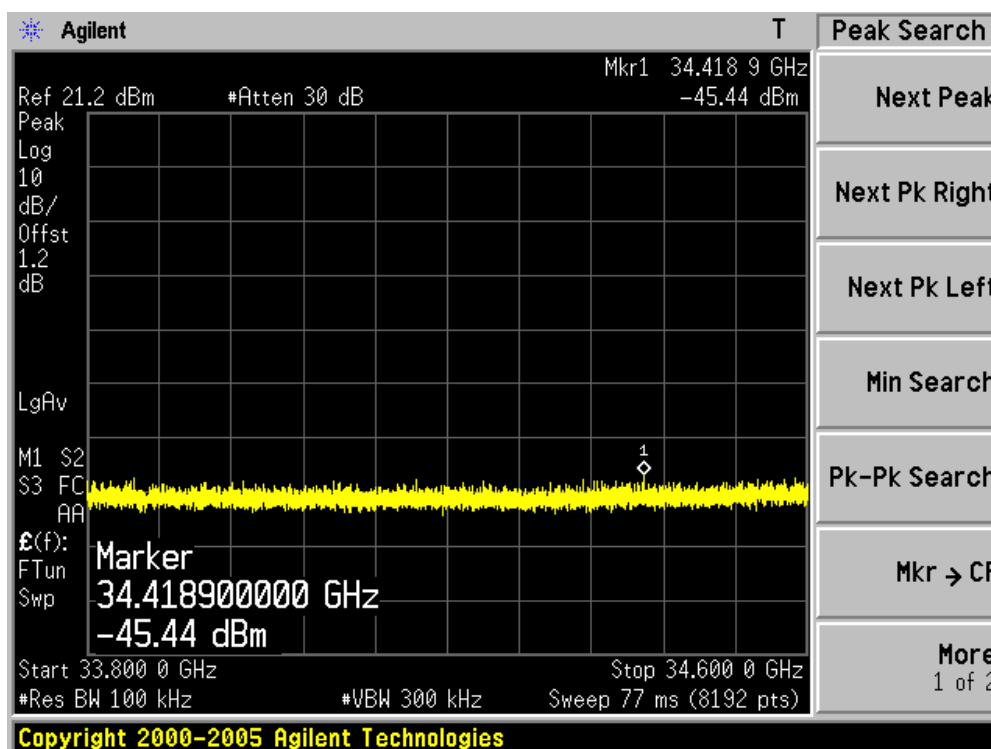
Channel 159 (5795MHz)-10



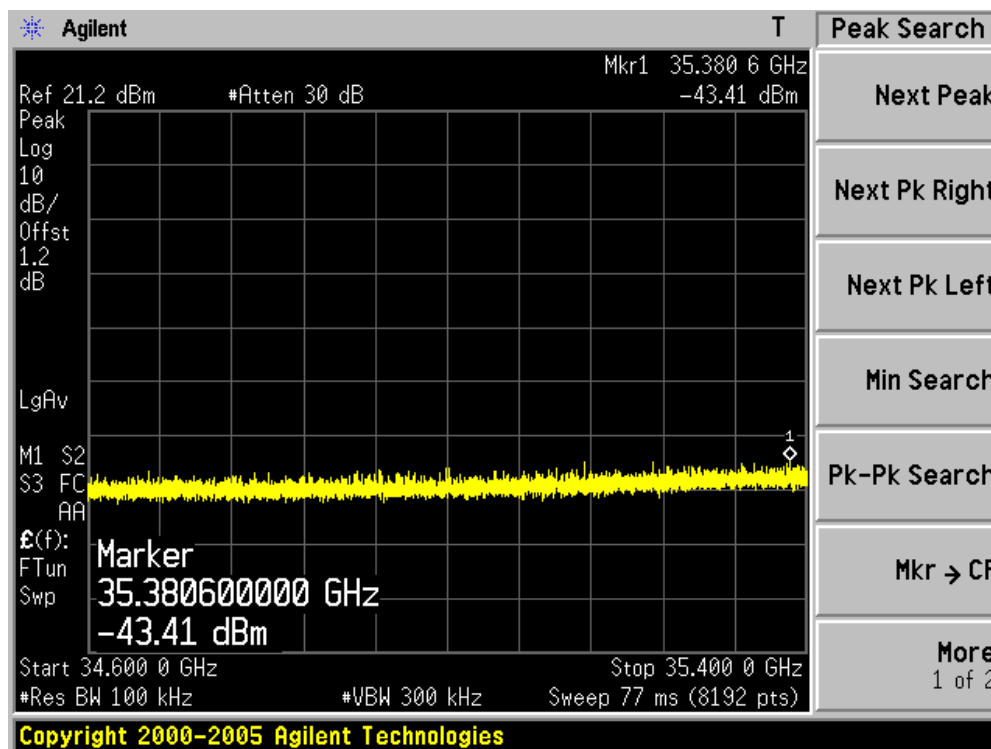
Channel 159 (5795MHz)-11



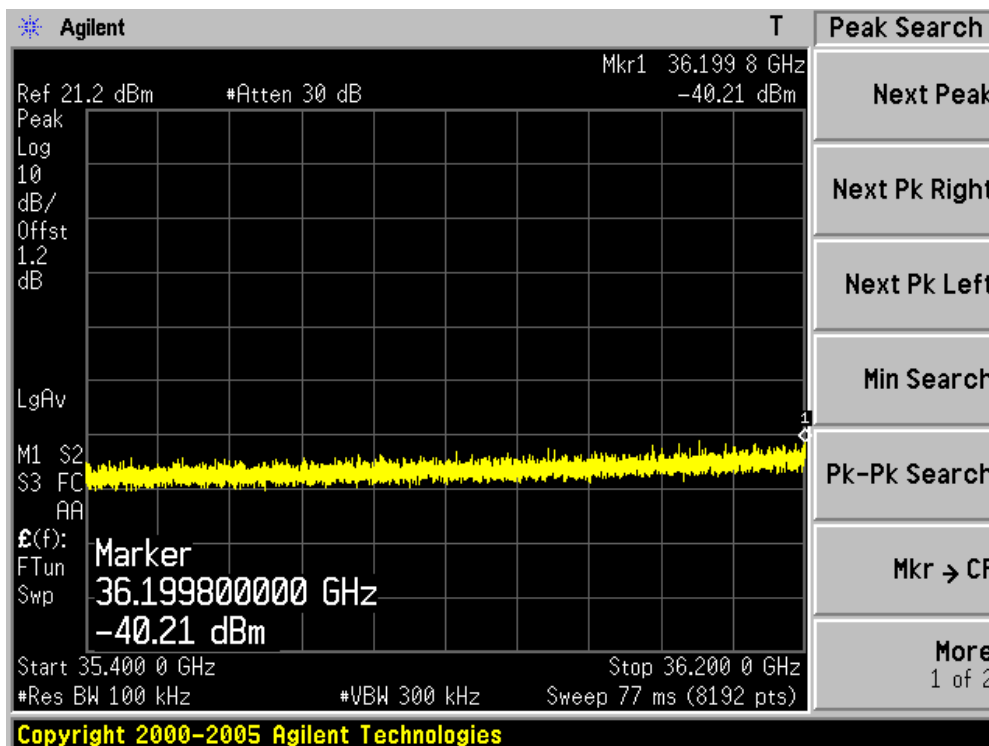
Channel 159 (5795MHz)-12



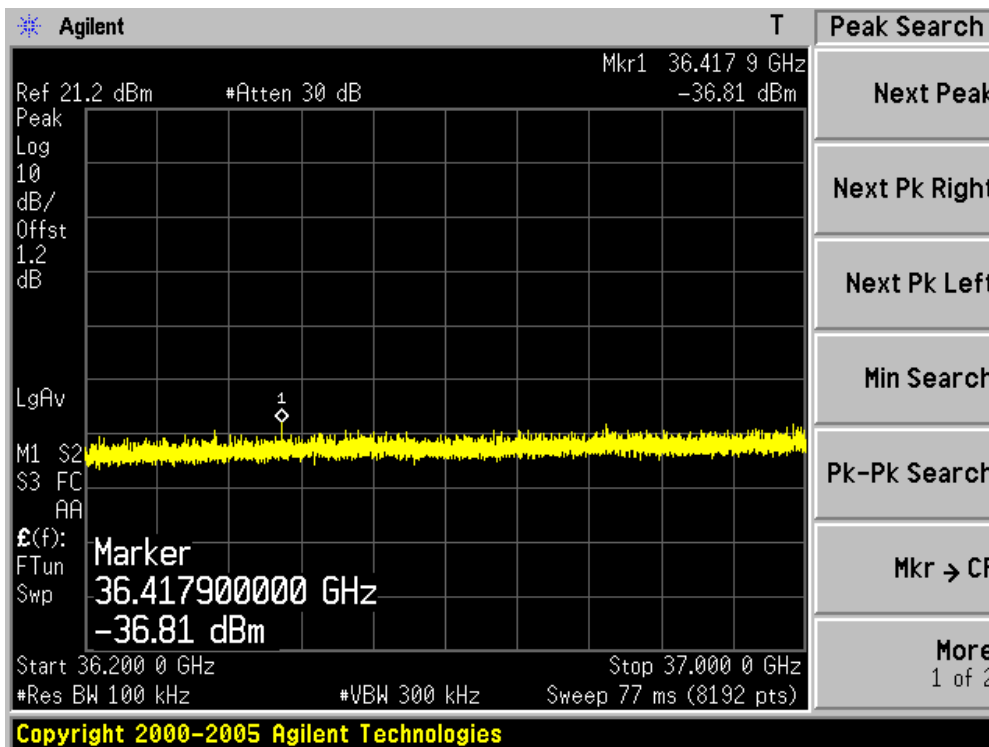
Channel 159 (5795MHz)-13



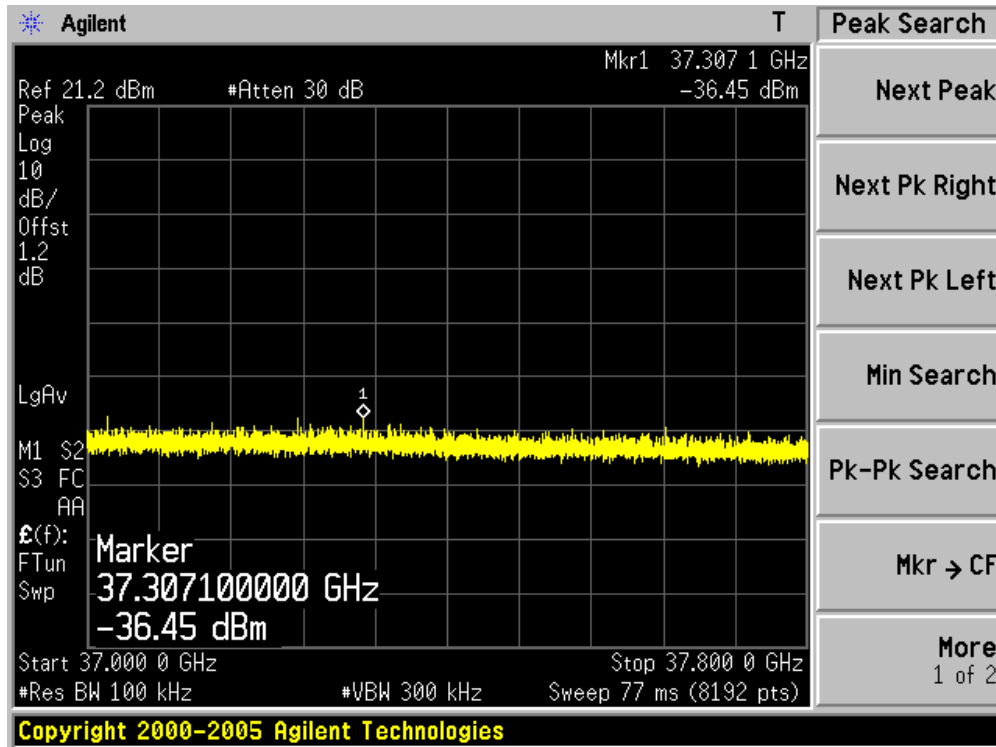
Channel 159 (5795MHz)-14



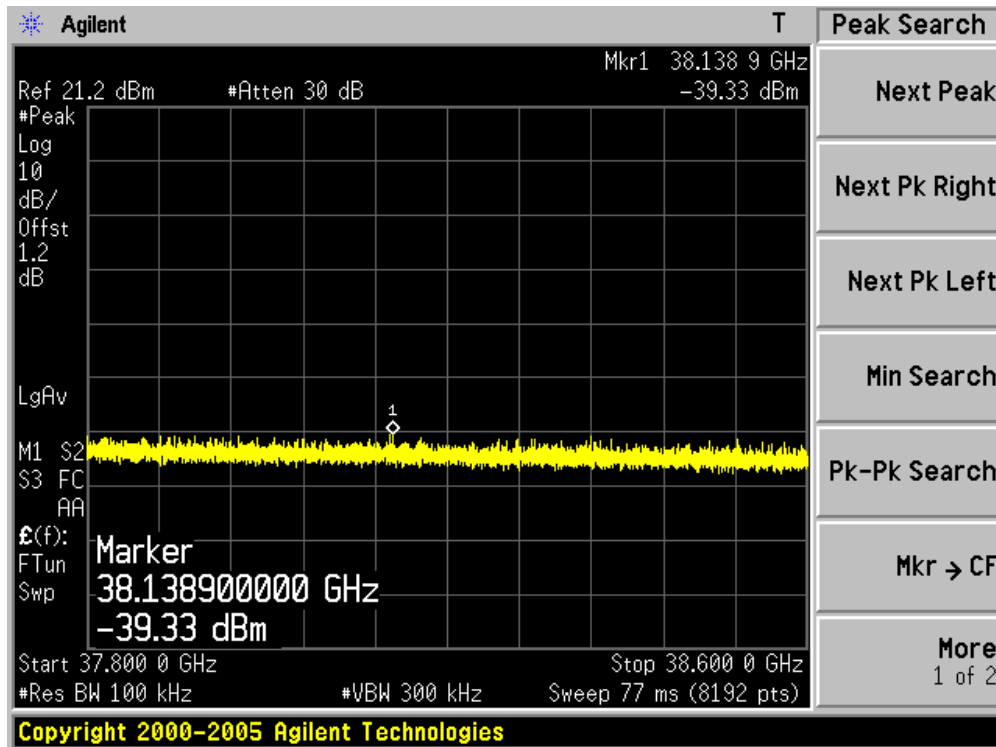
Channel 159 (5795MHz)-15



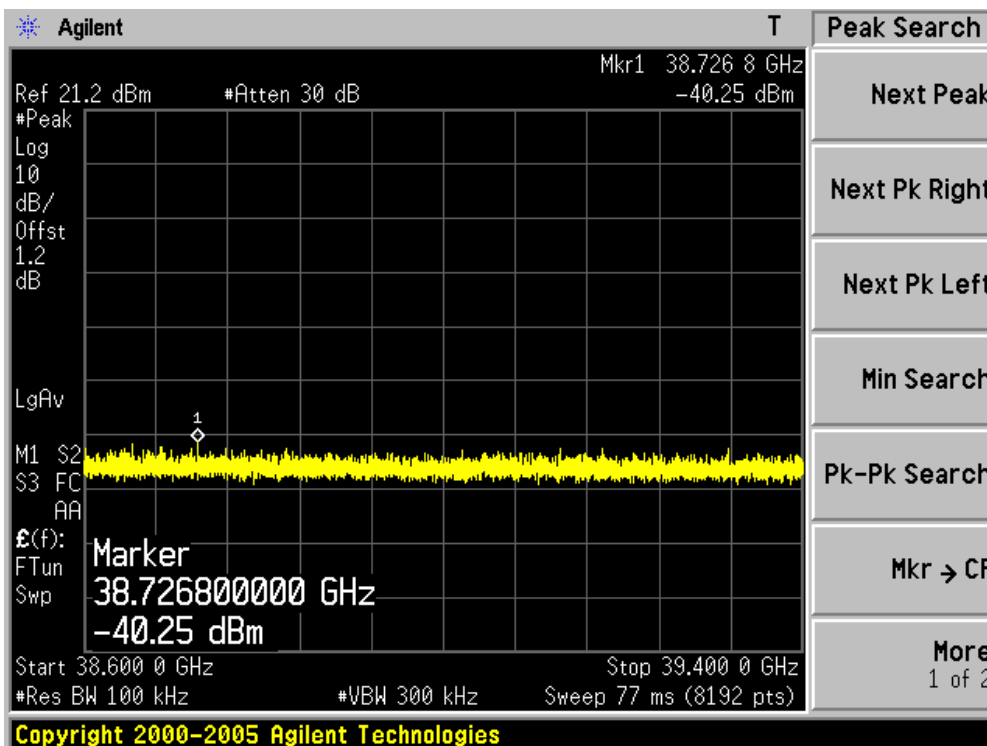
Channel 159 (5795MHz)-16



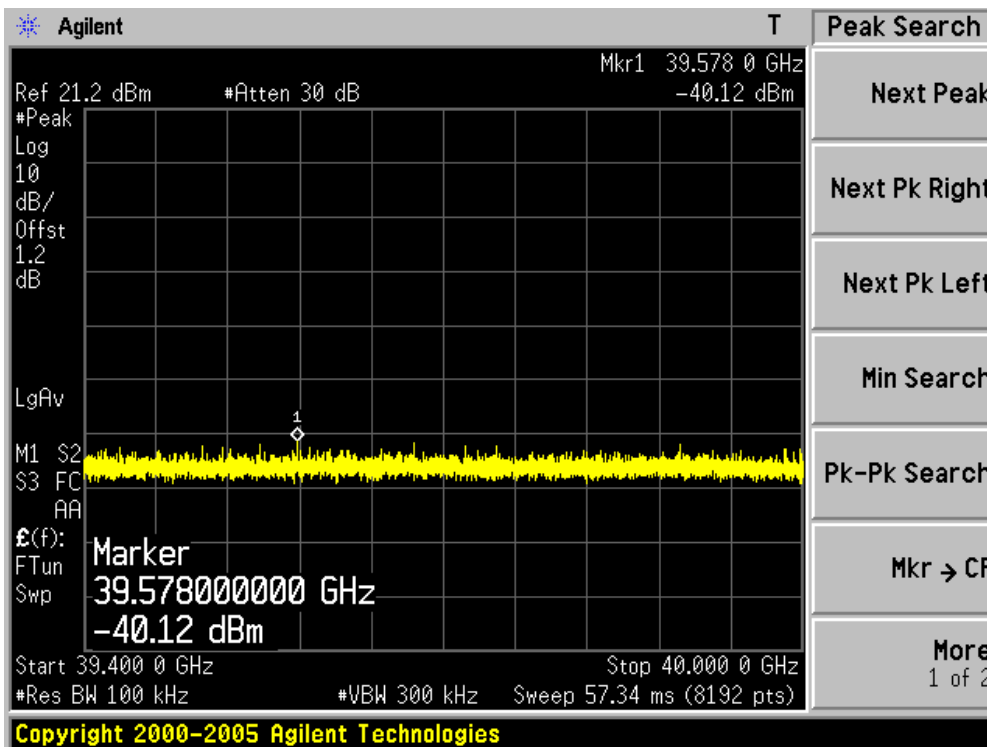
Channel 159 (5795MHz)-17



Channel 159 (5795MHz)-18

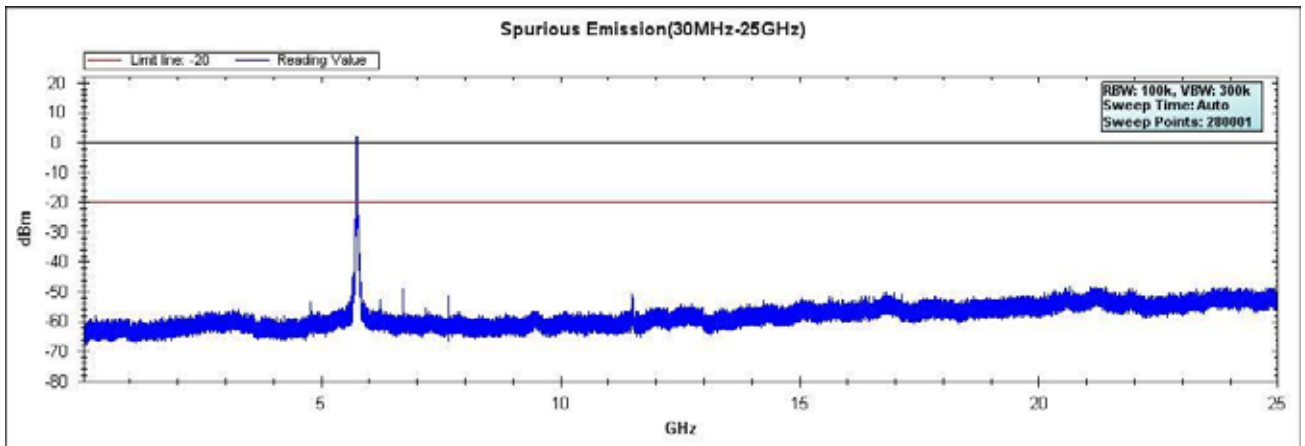


Channel 159 (5795MHz)-19

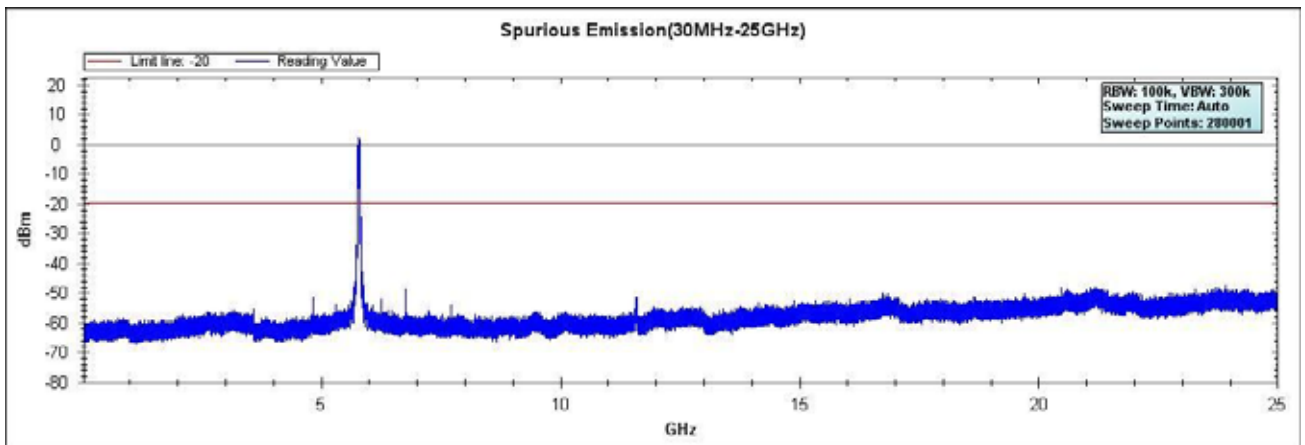


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 1)

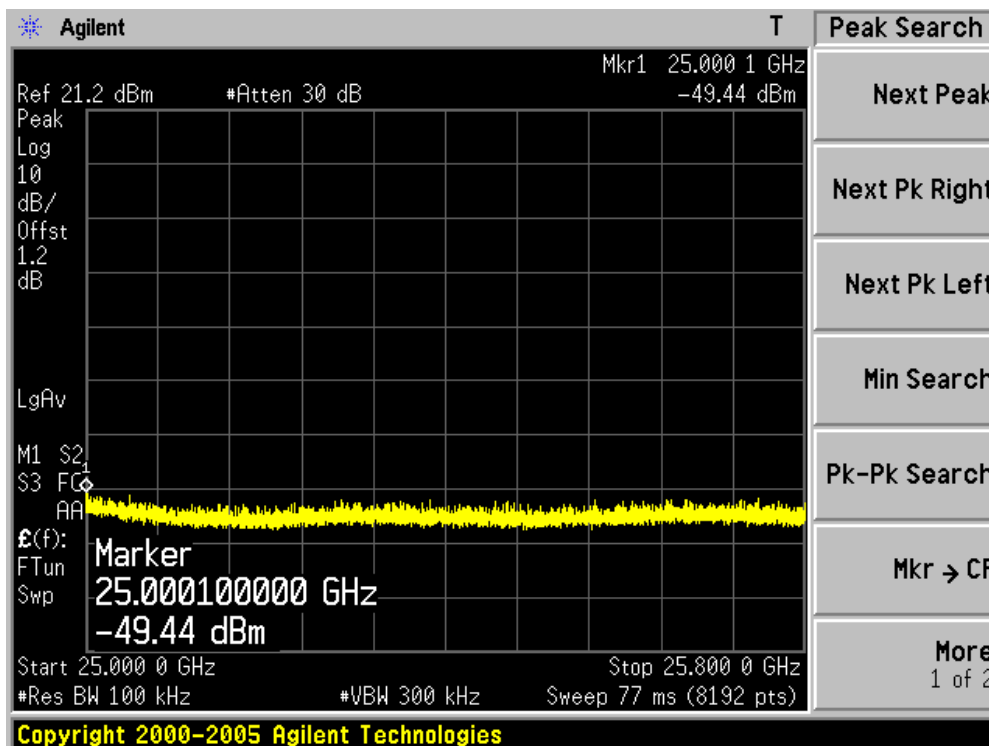
**Channel 151 (5755MHz)**



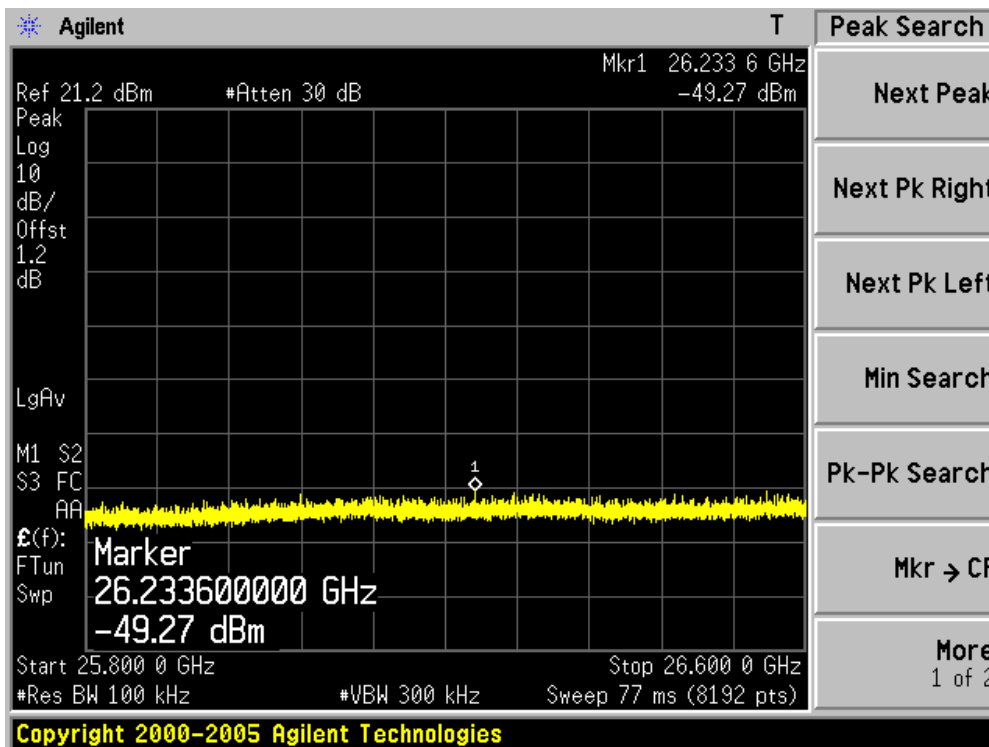
**Channel 159 (5795MHz)**



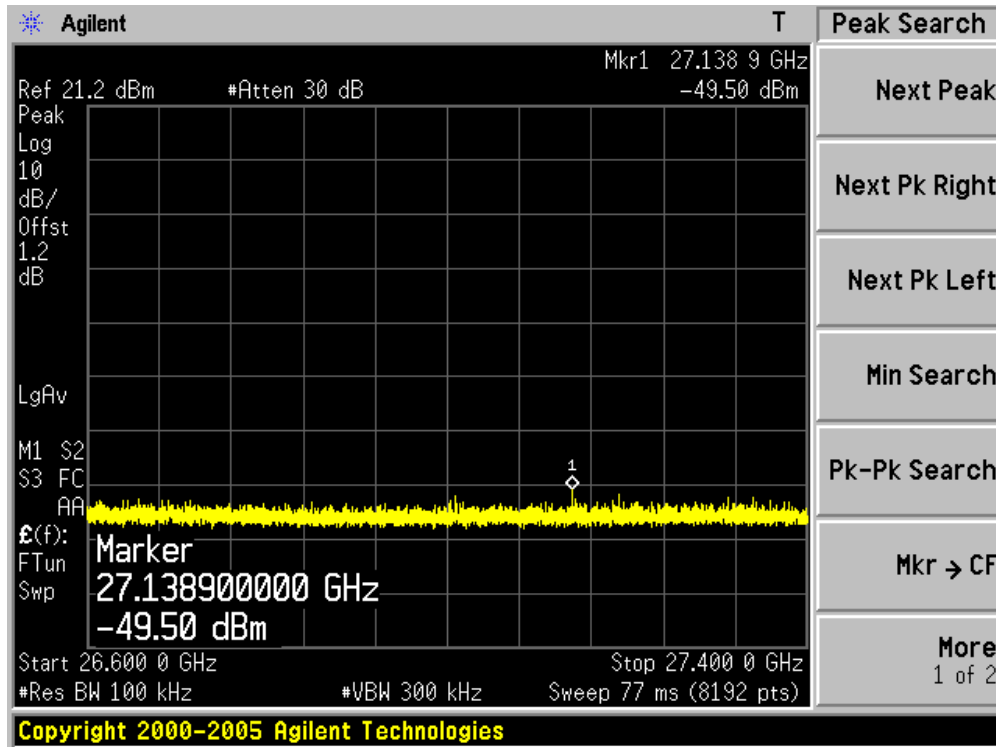
Channel 151 (5755MHz)-1



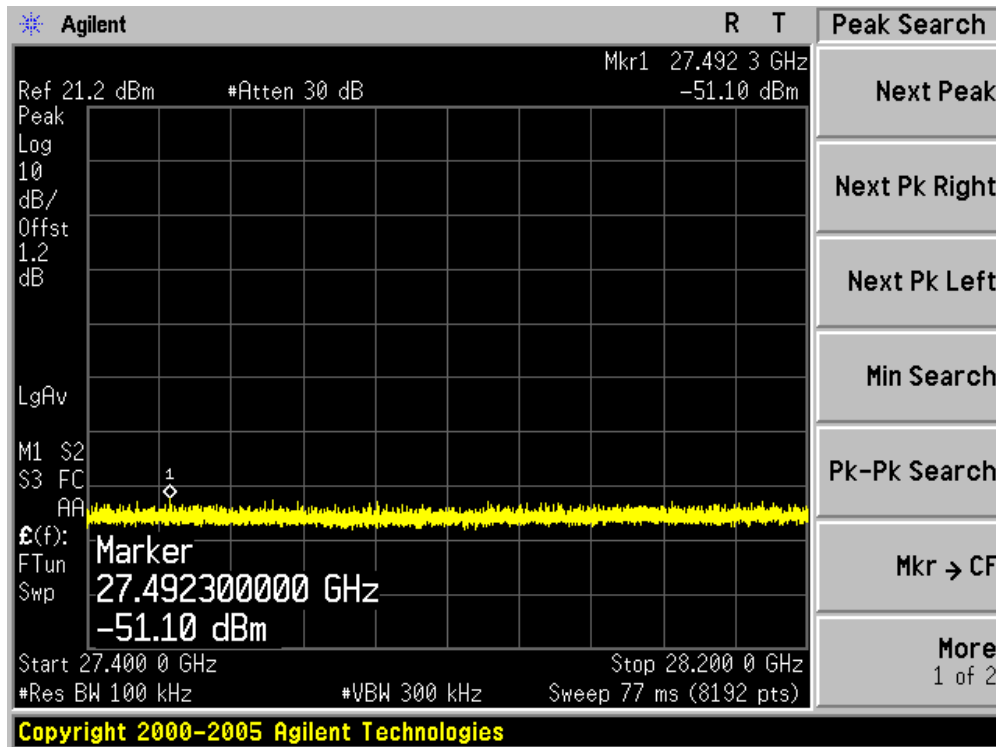
Channel 151 (5755MHz)-2



Channel 151 (5755MHz)-3

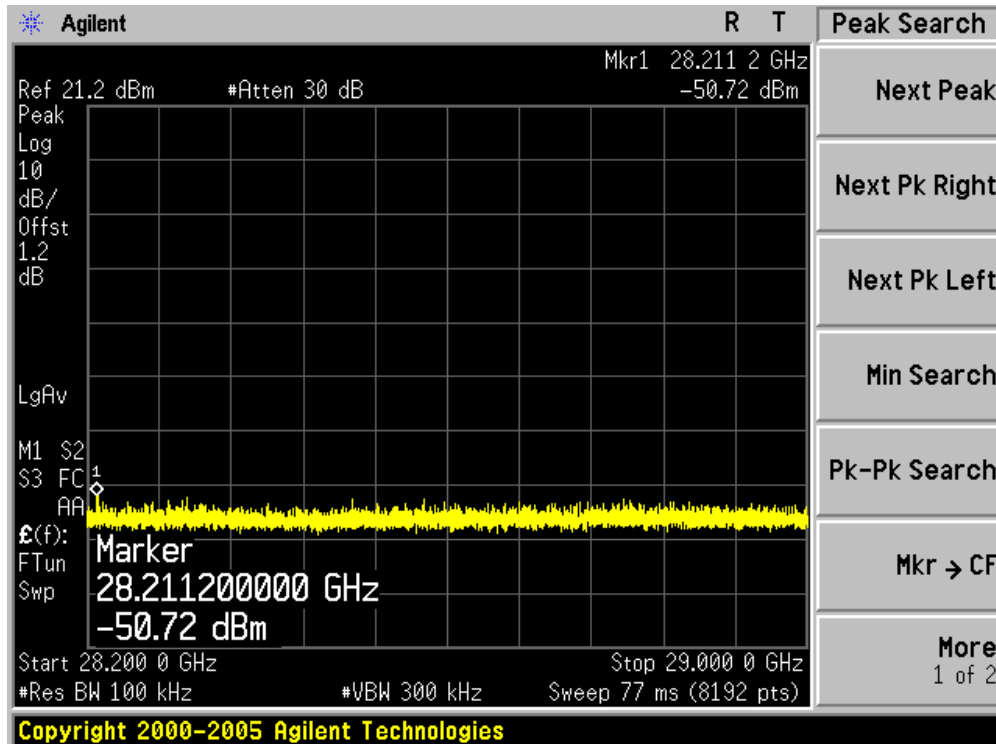


Channel 151 (5755MHz)-4

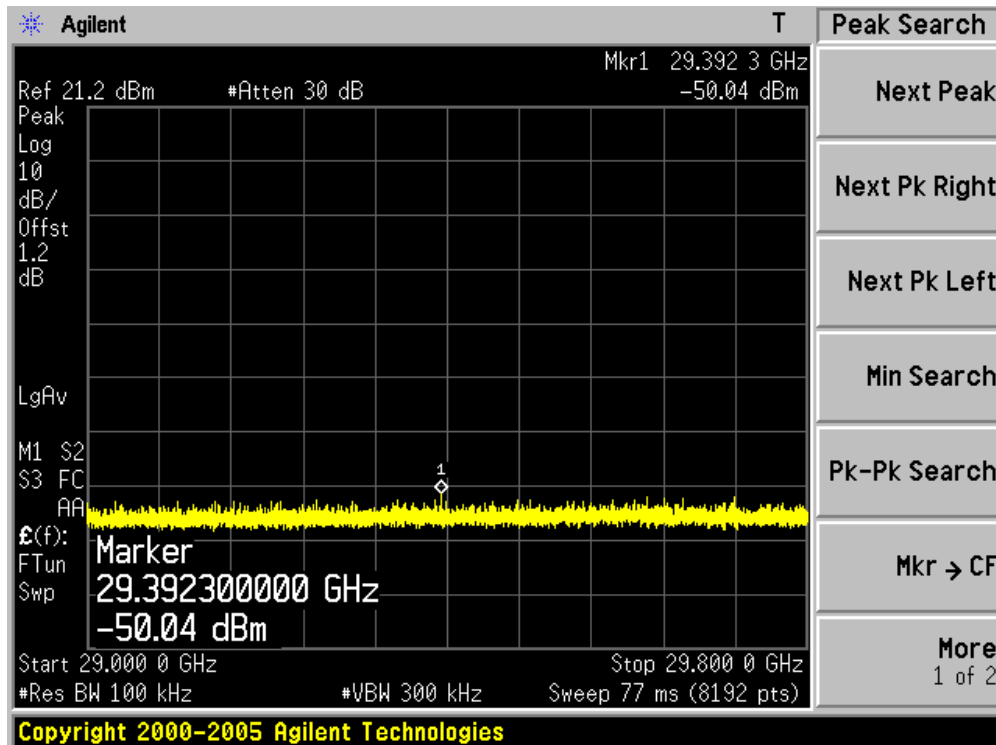




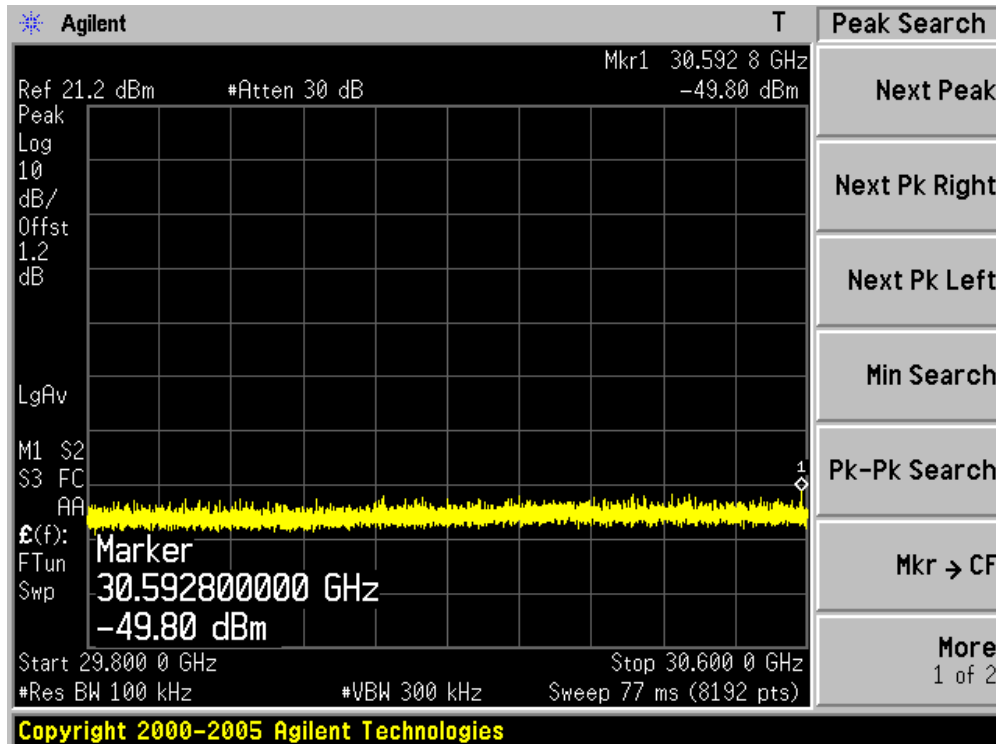
Channel 151 (5755MHz)-5



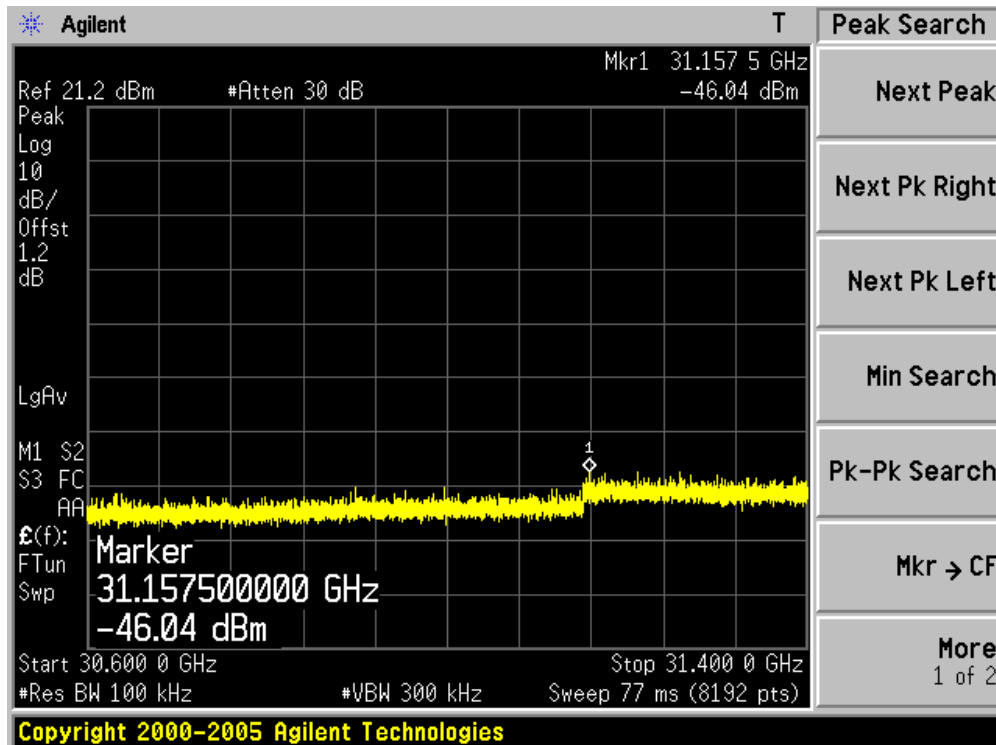
Channel 151 (5755MHz)-6



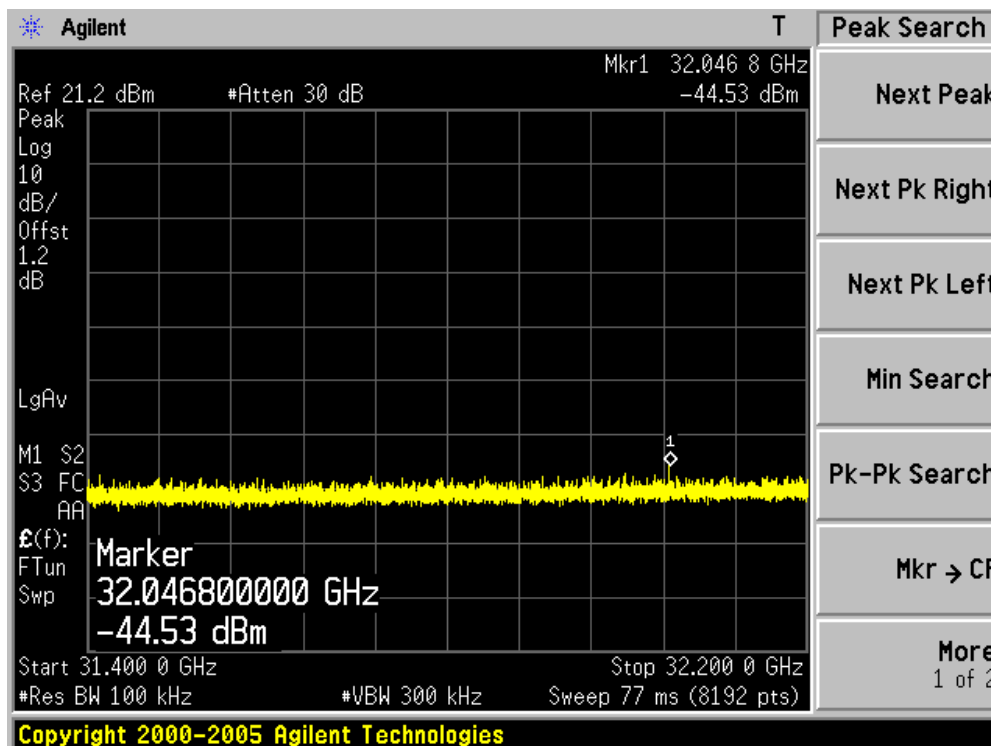
Channel 151 (5755MHz)-7



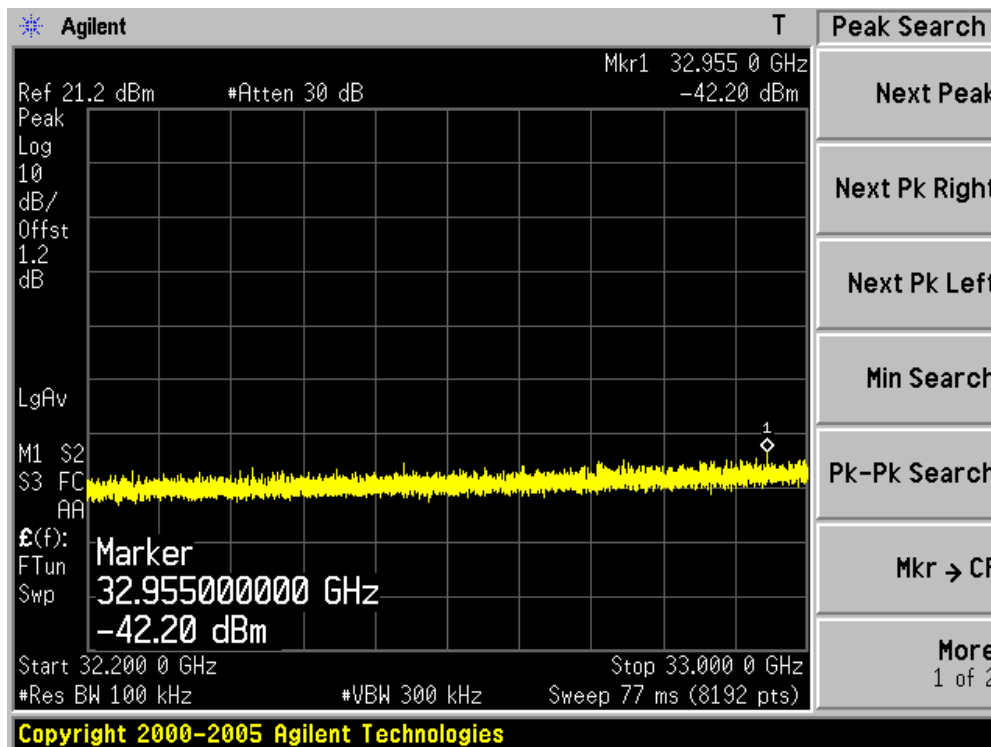
Channel 151 (5755MHz)-8



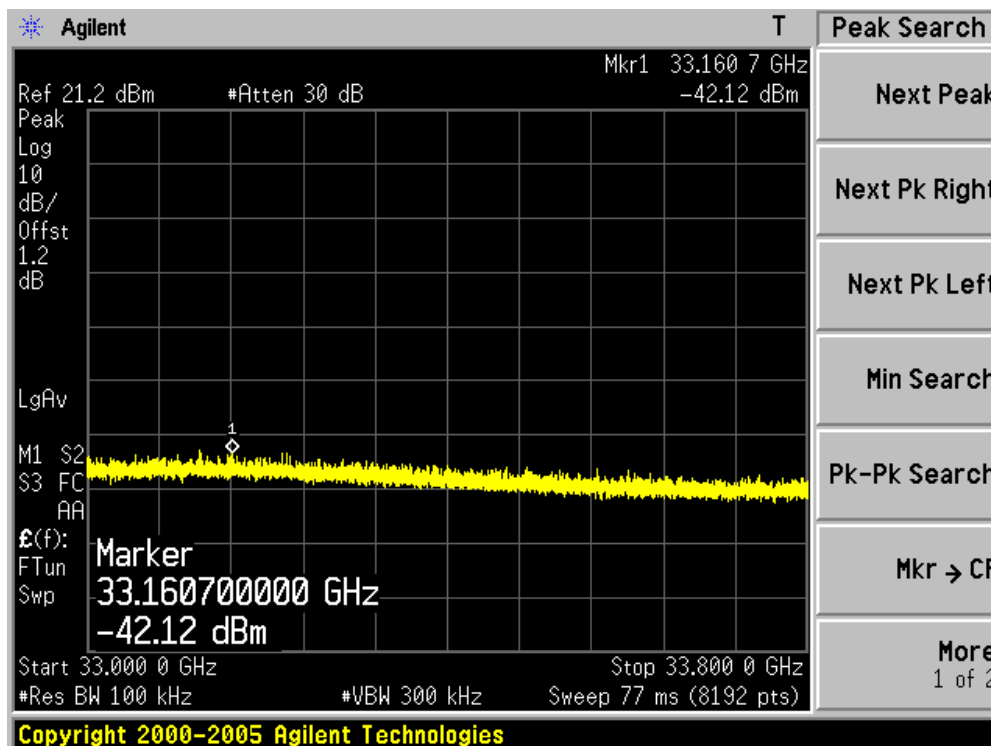
Channel 151 (5755MHz)-9



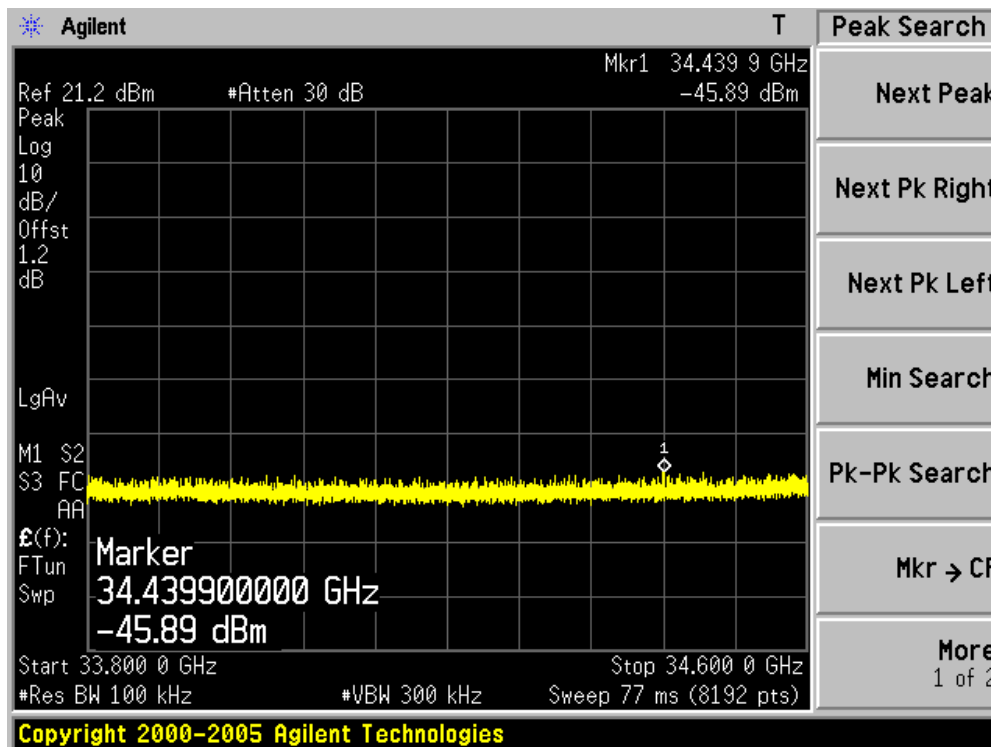
Channel 151 (5755MHz)-10



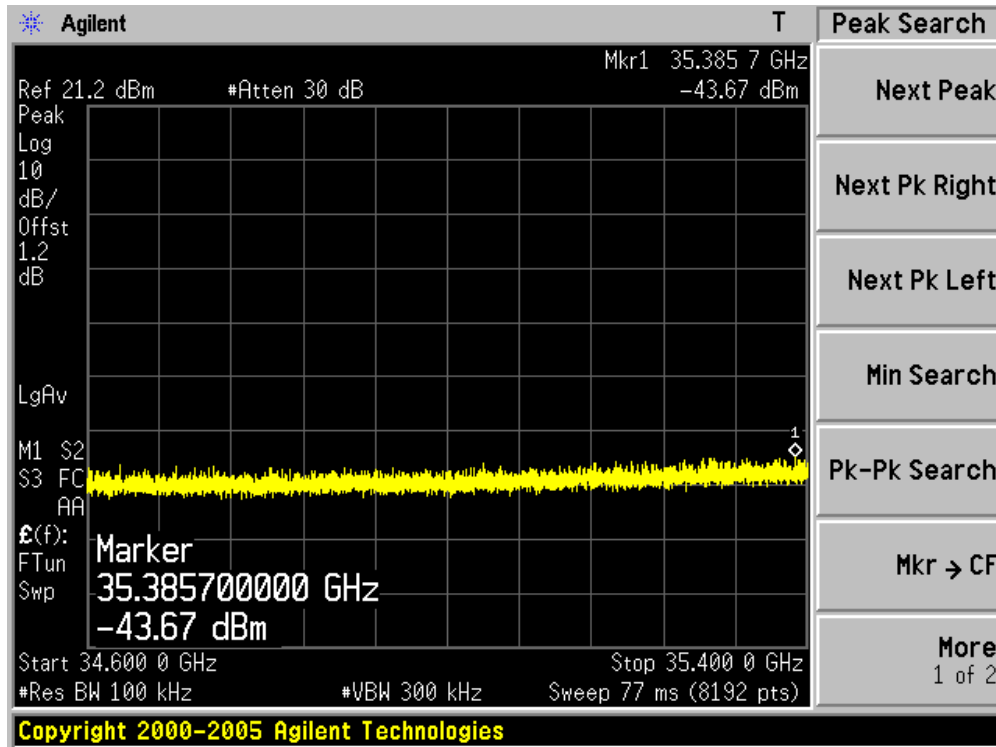
Channel 151 (5755MHz)-11



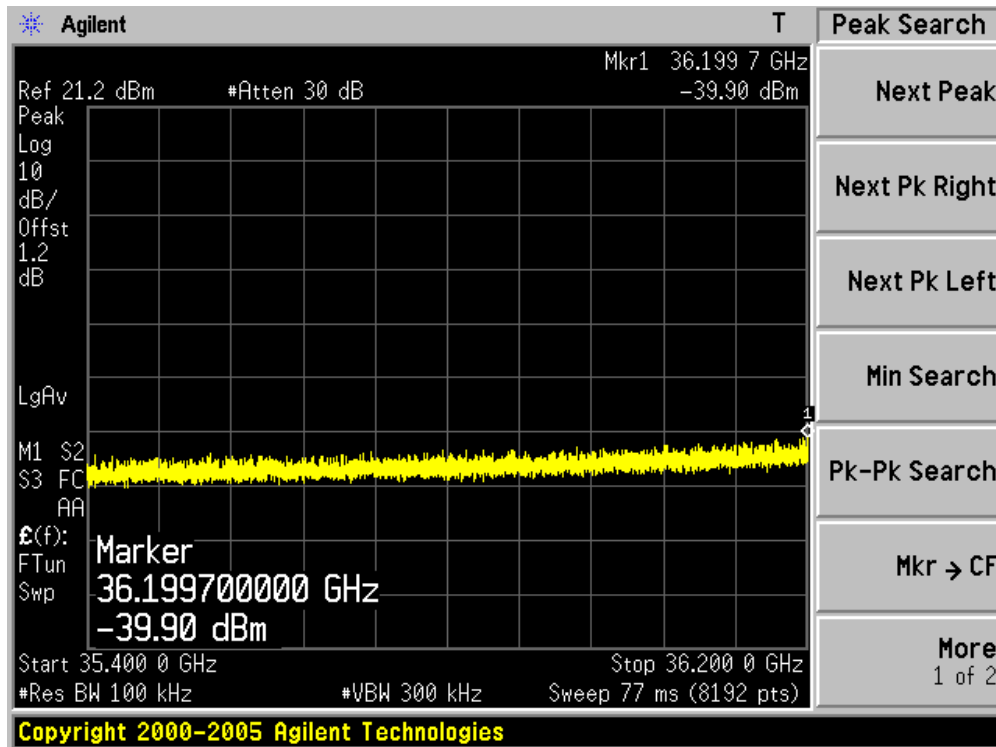
Channel 151 (5755MHz)-12



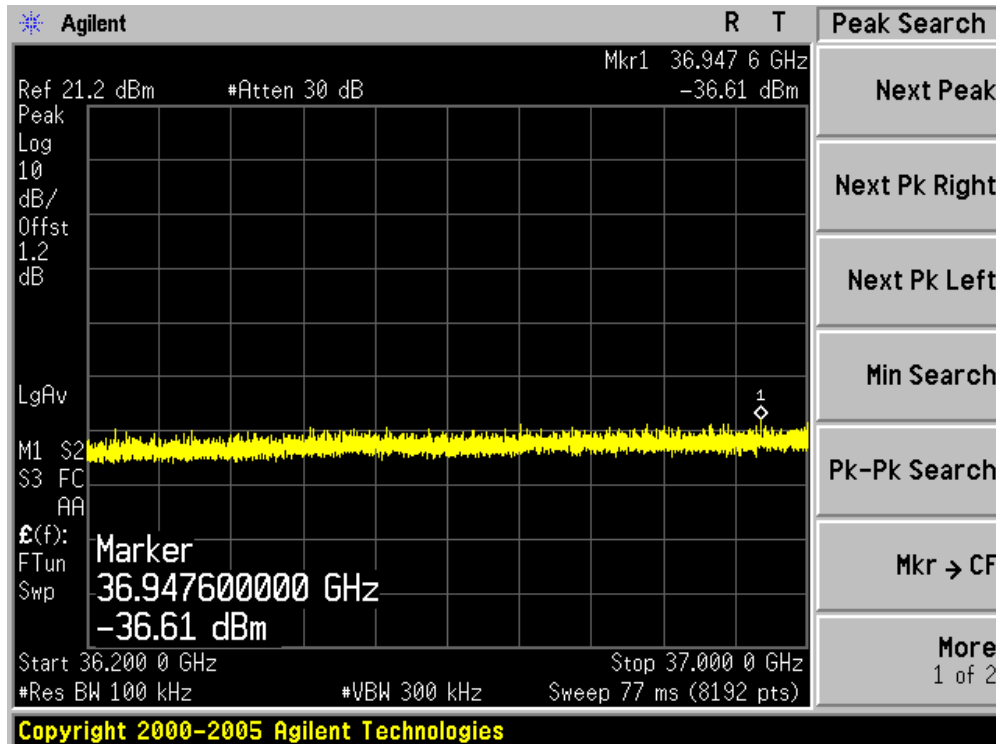
Channel 151 (5755MHz)-13



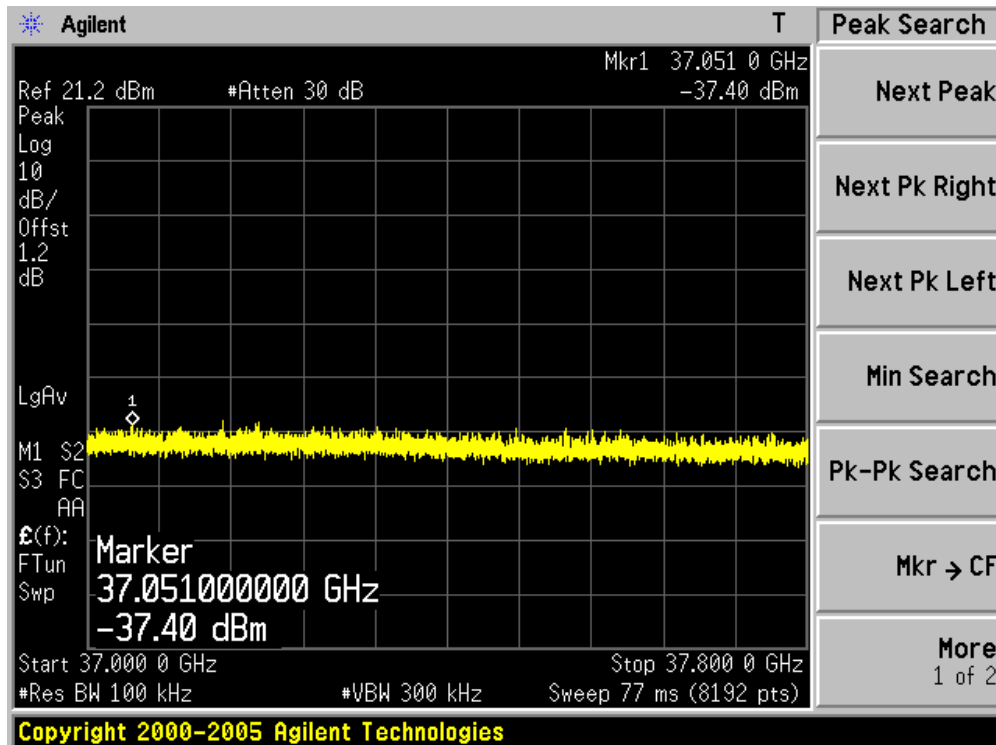
Channel 151 (5755MHz)-14



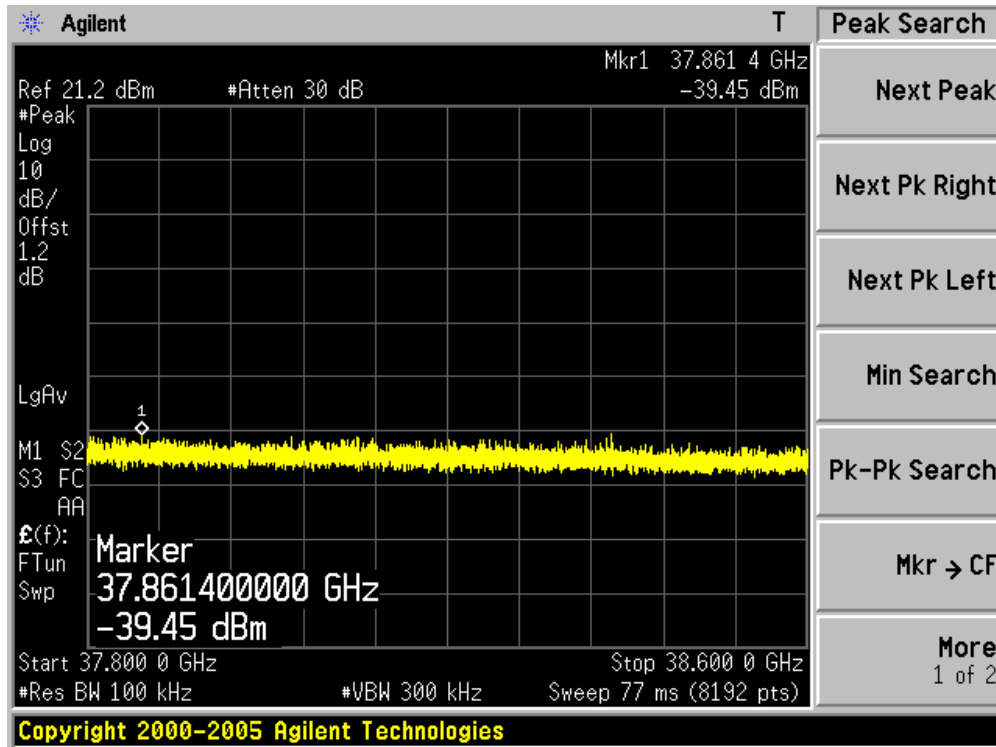
Channel 151 (5755MHz)-15



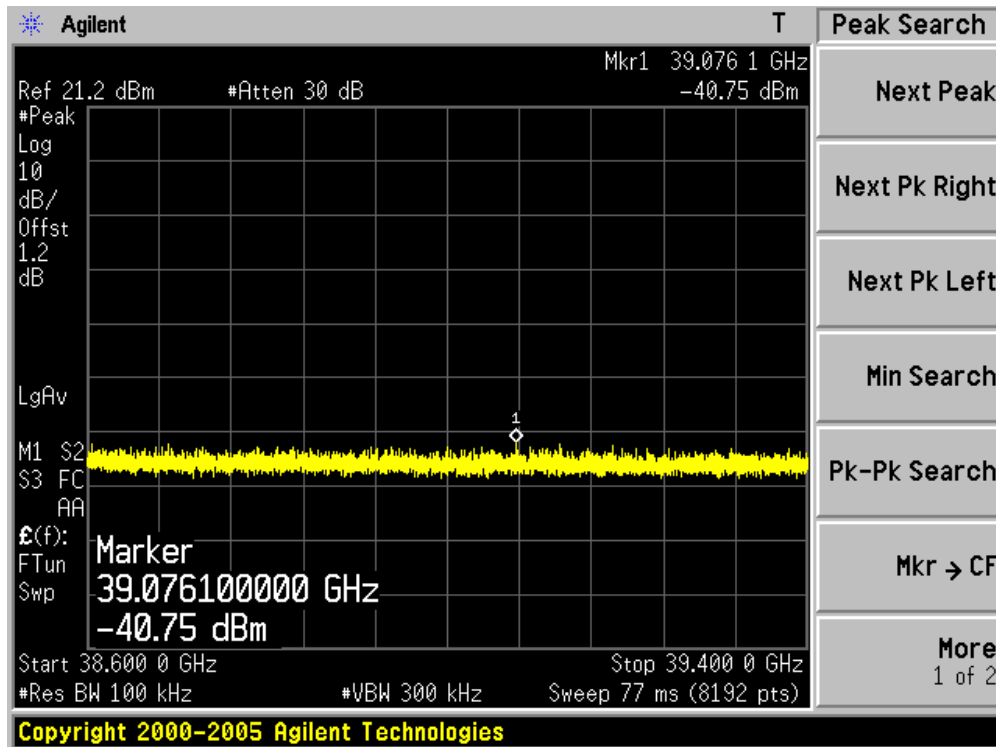
Channel 151 (5755MHz)-16



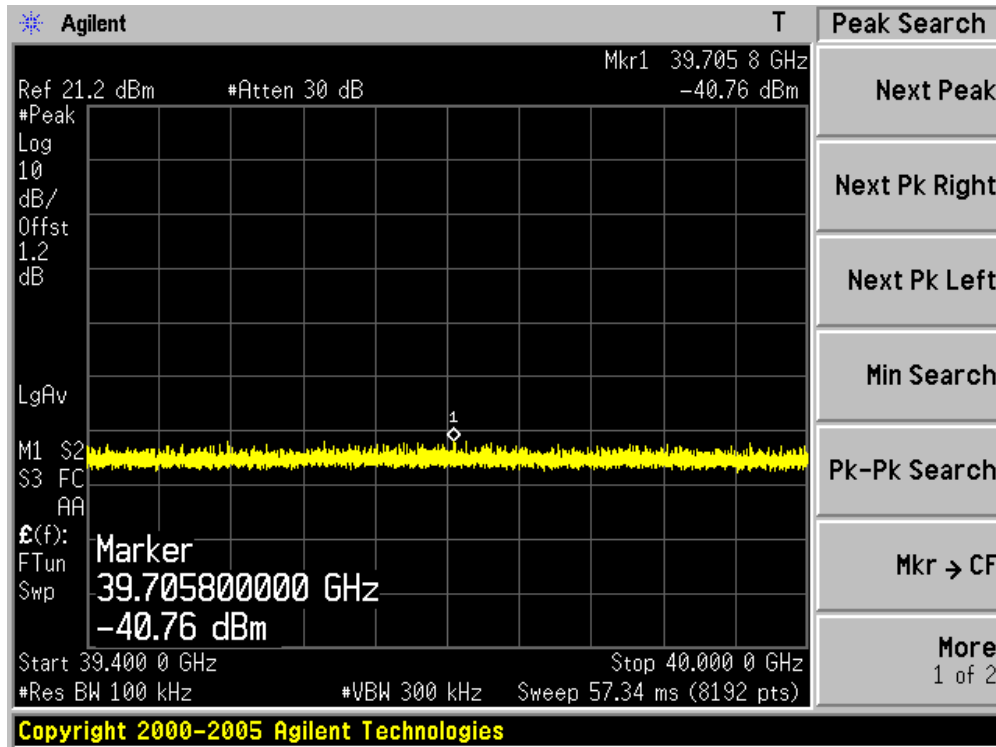
Channel 151 (5755MHz)-17



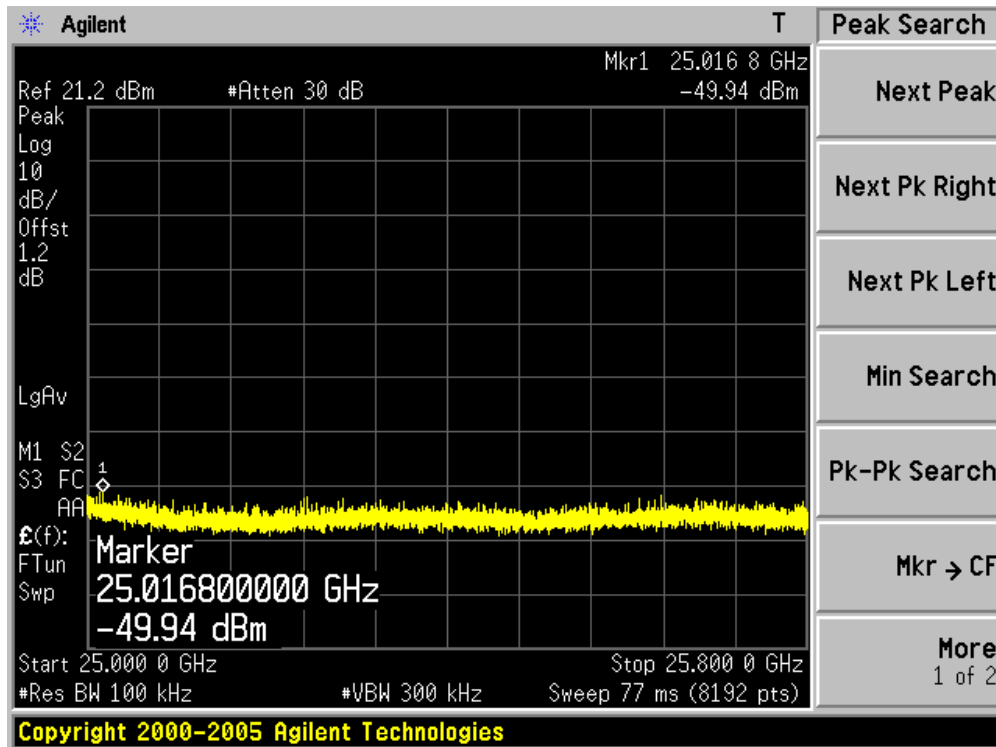
Channel 151 (5755MHz)-18



Channel 151 (5755MHz)-19

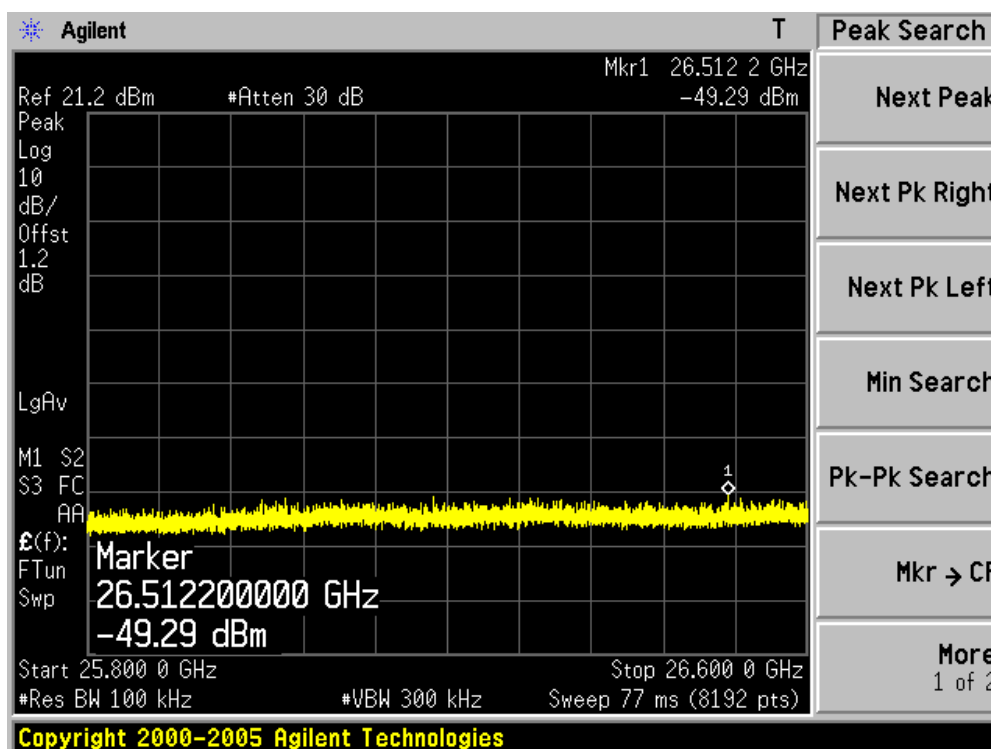


Channel 159 (5795MHz)-1

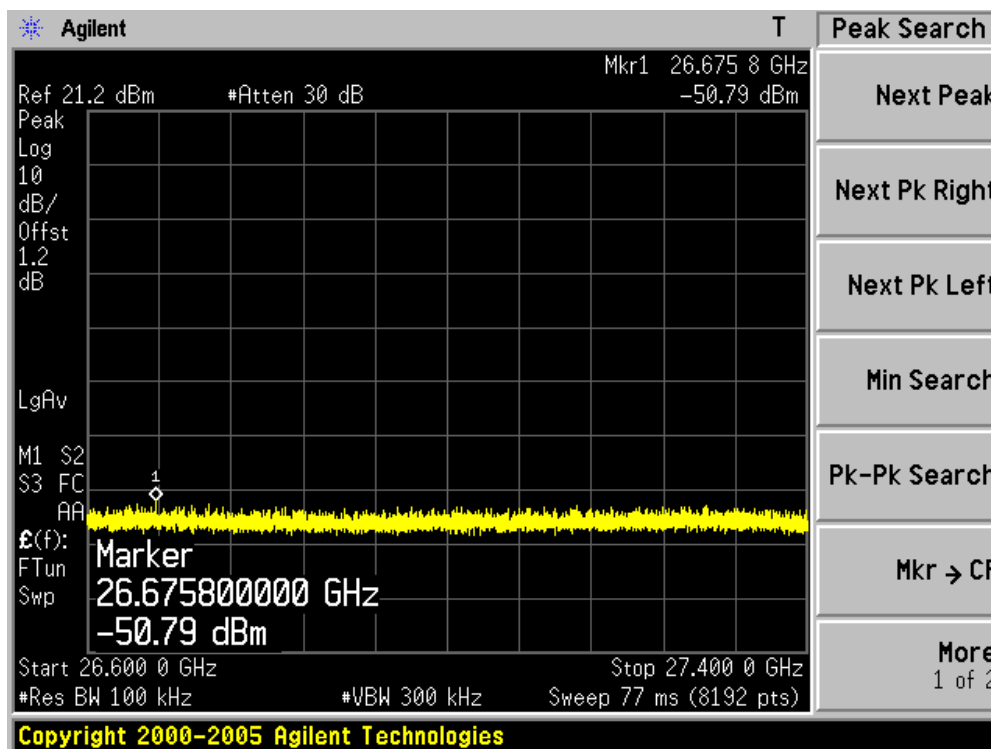




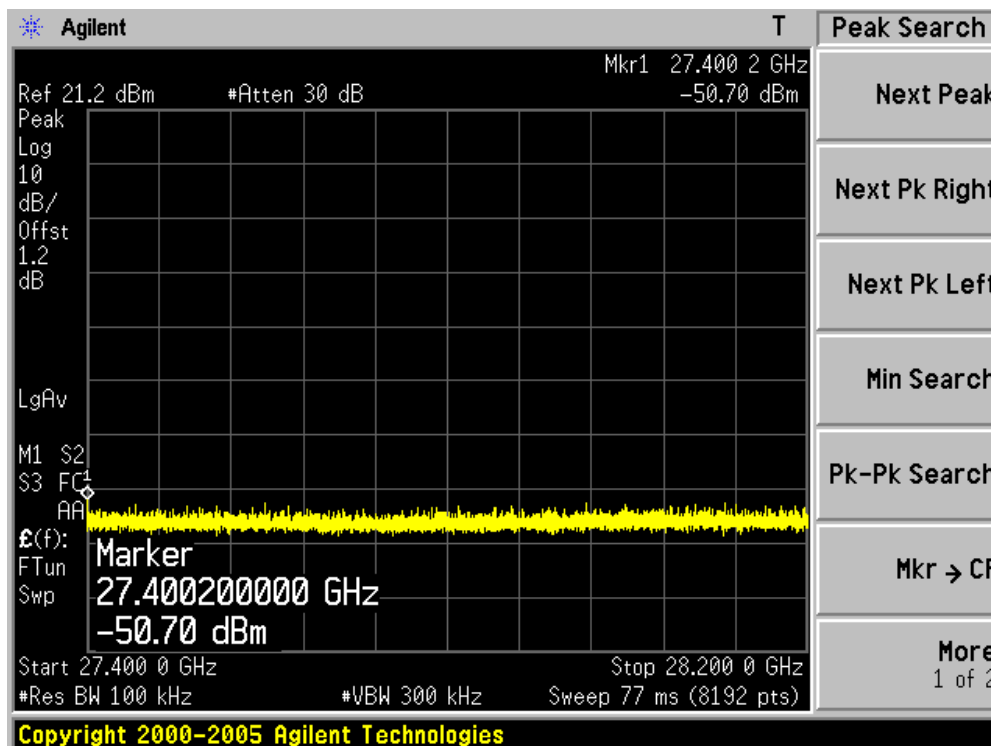
Channel 159 (5795MHz)-2



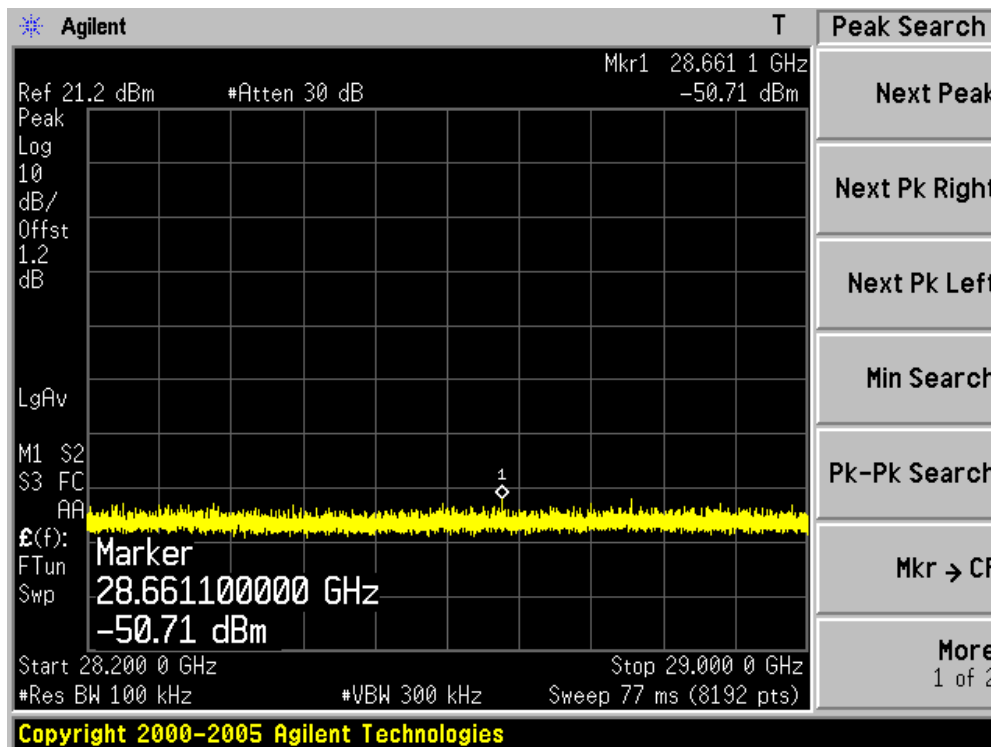
Channel 159 (5795MHz)-3



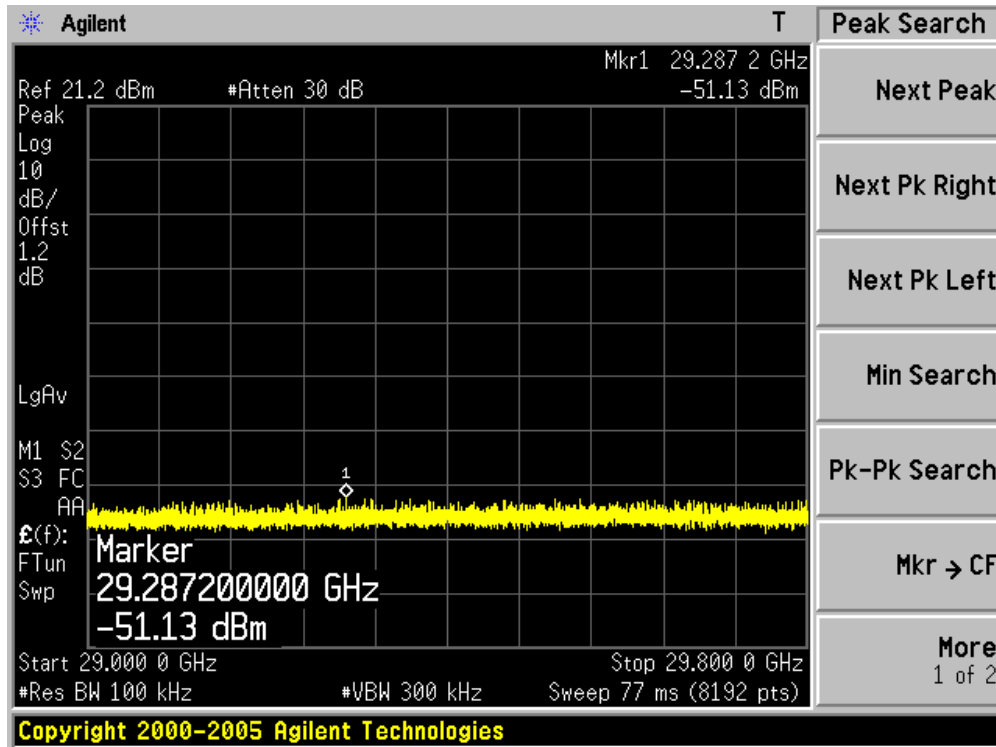
Channel 159 (5795MHz)-4



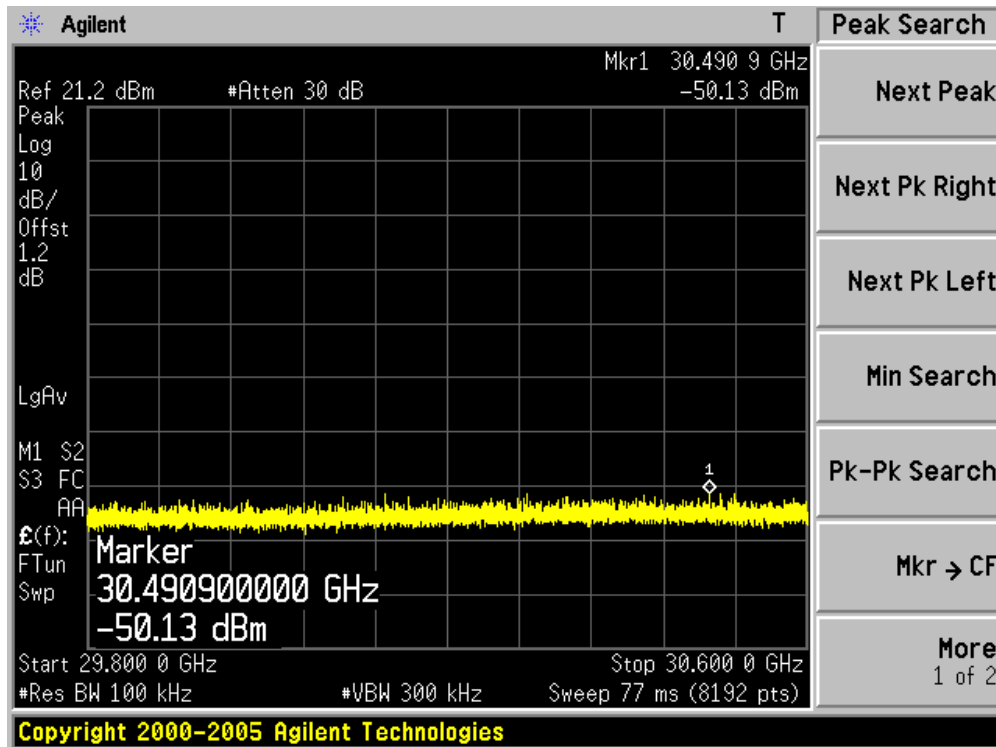
Channel 159 (5795MHz)-5



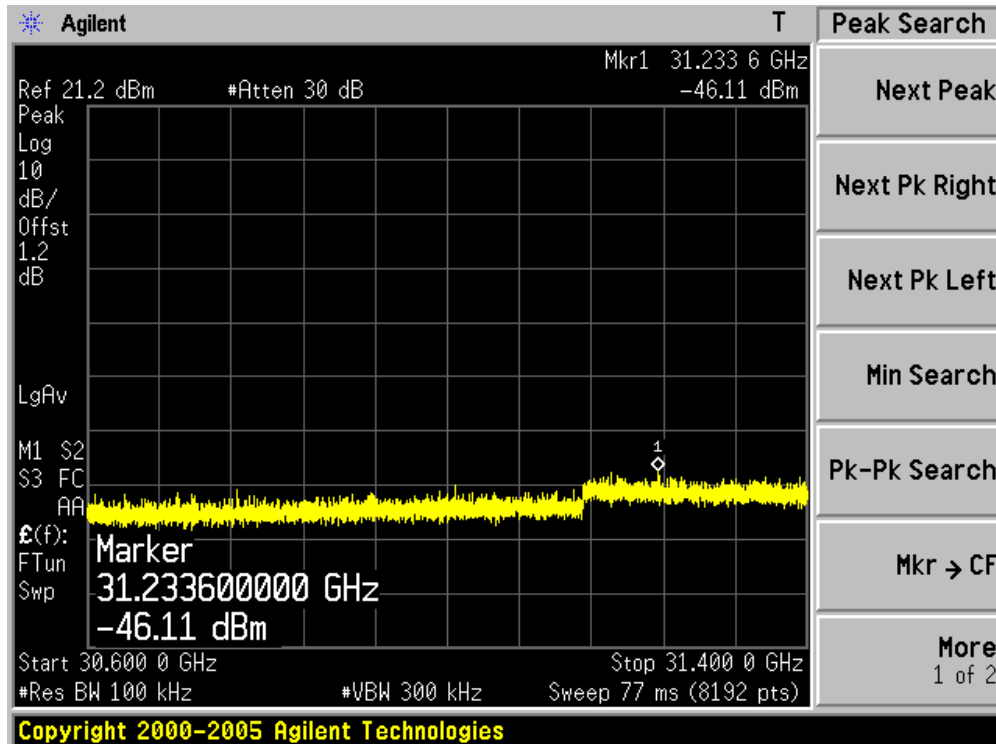
Channel 159 (5795MHz)-6



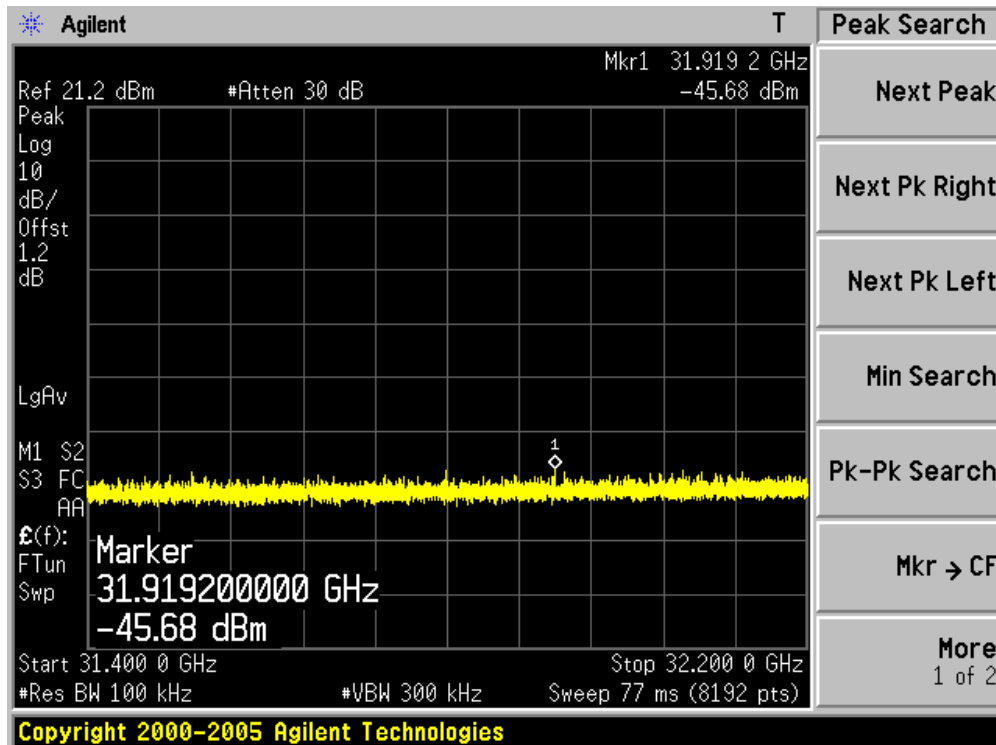
Channel 159 (5795MHz)-7



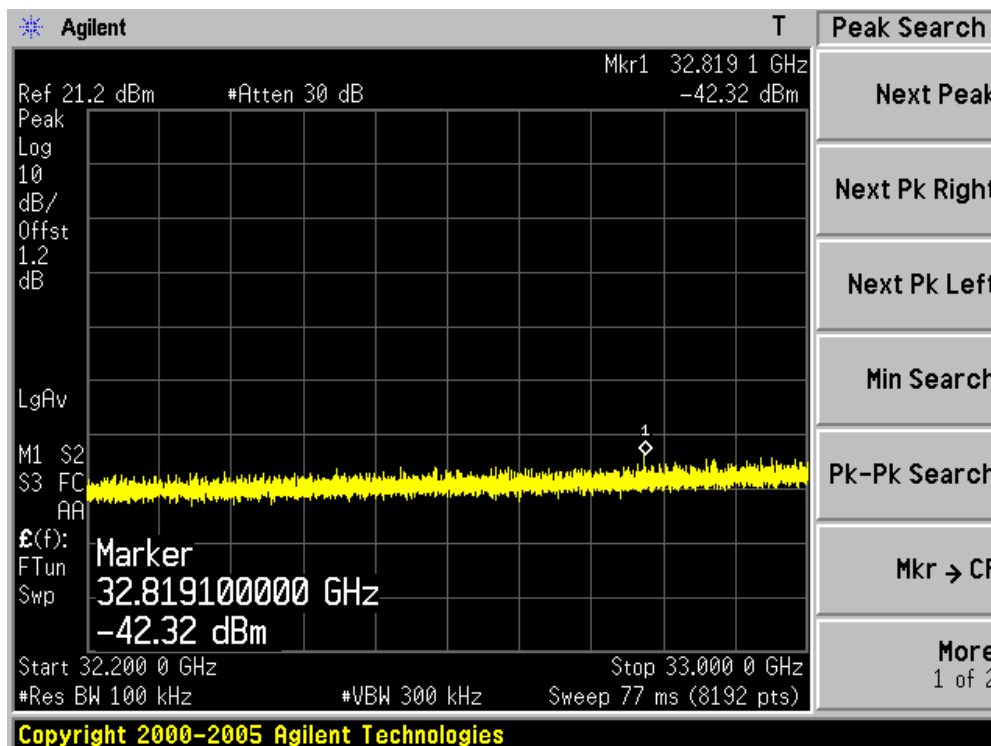
Channel 159 (5795MHz)-8



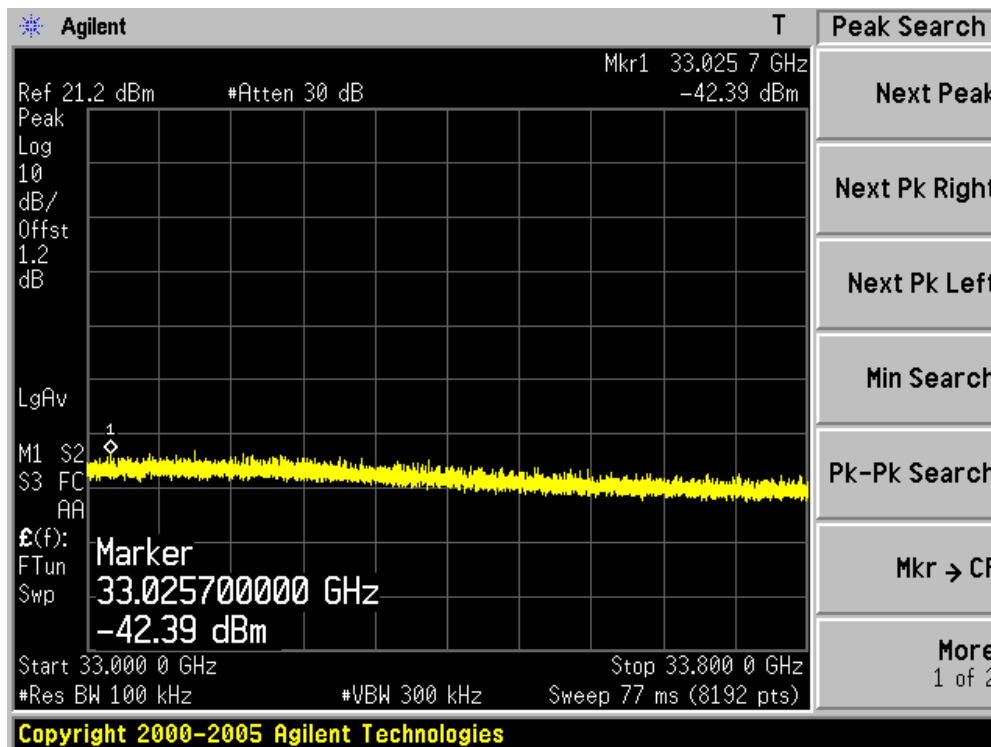
Channel 159 (5795MHz)-9



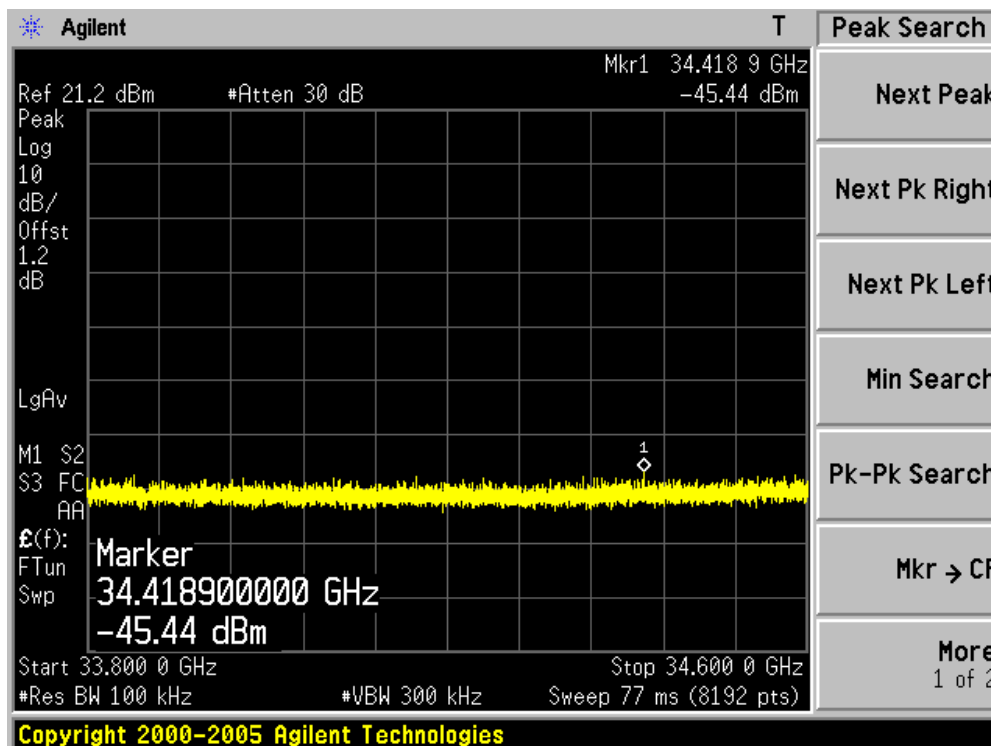
Channel 159 (5795MHz)-10



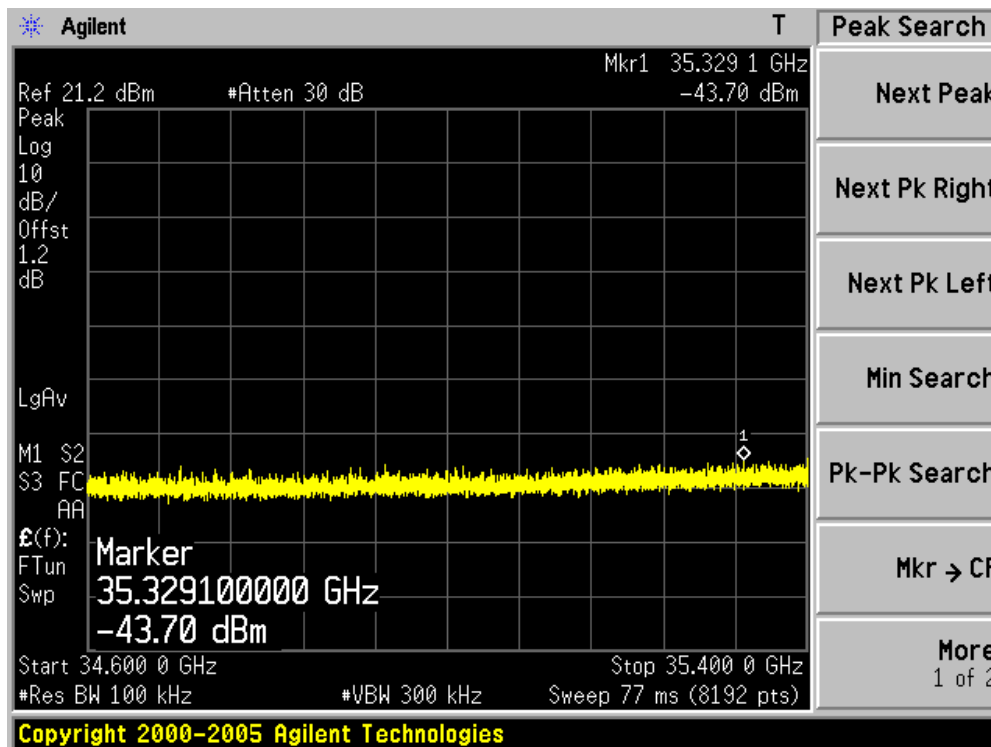
Channel 159 (5795MHz)-11



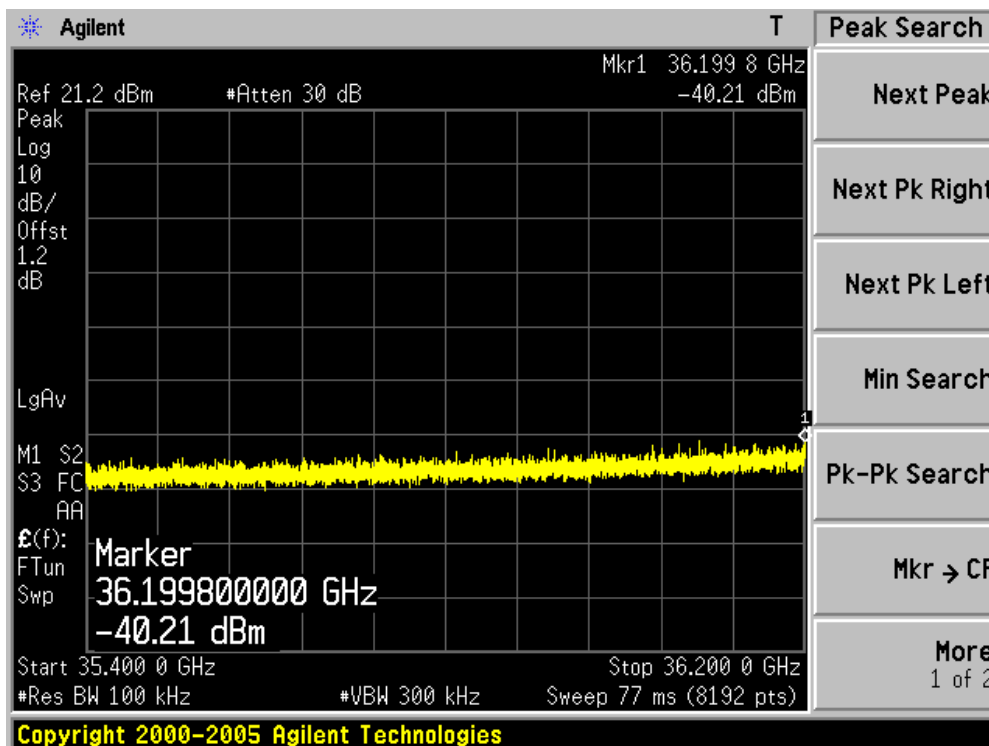
Channel 159 (5795MHz)-12



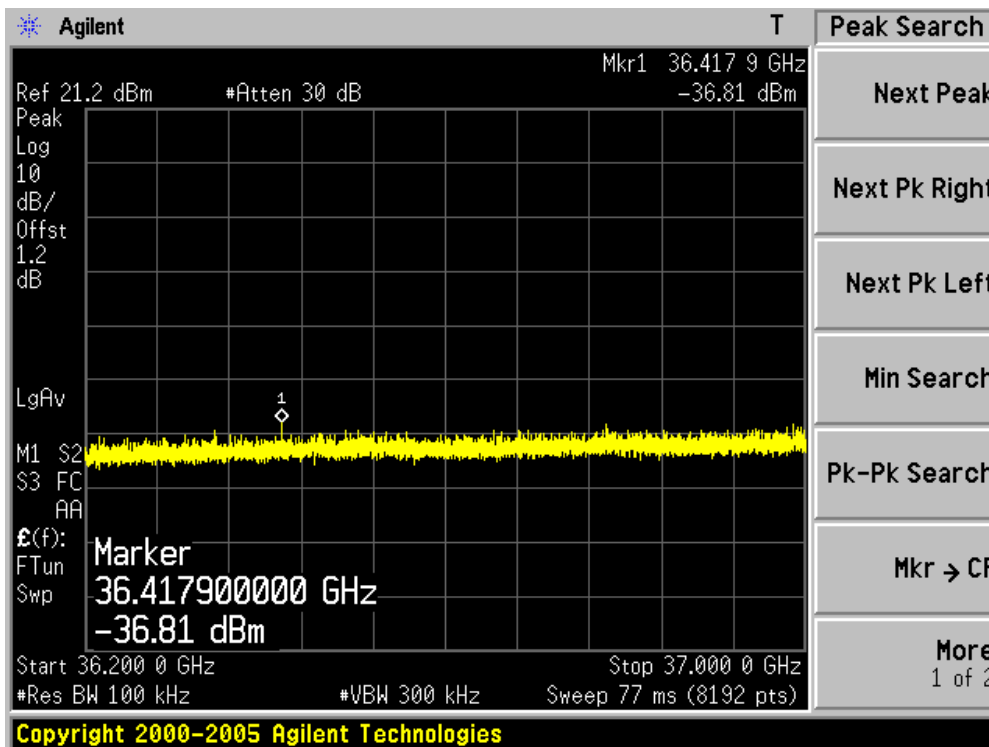
Channel 159 (5795MHz)-13



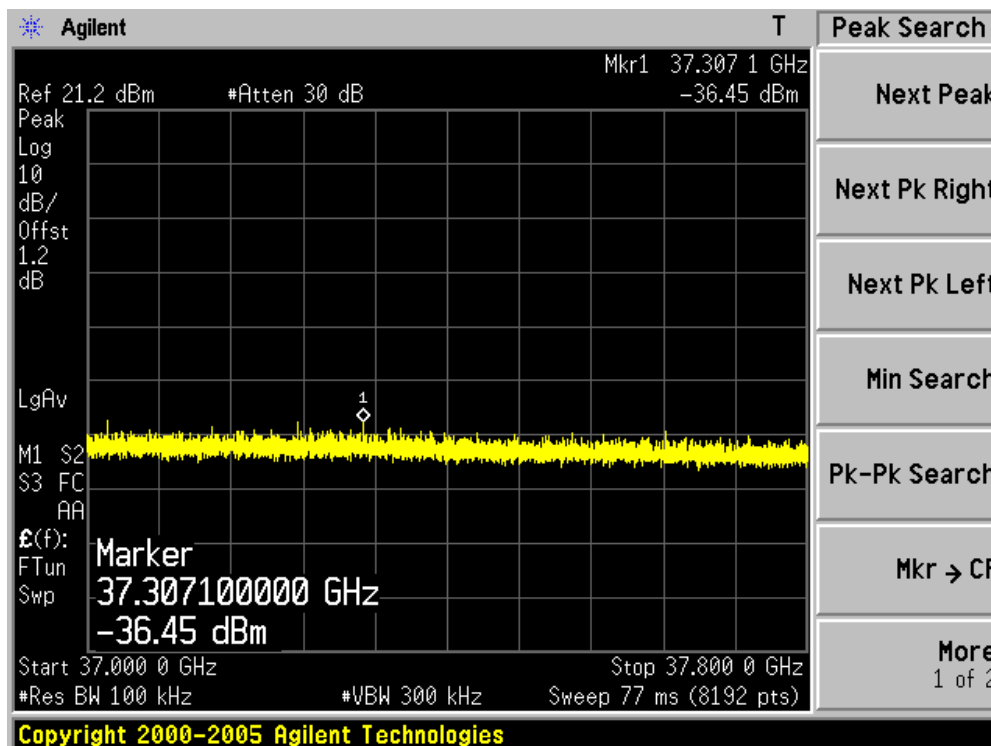
Channel 159 (5795MHz)-14



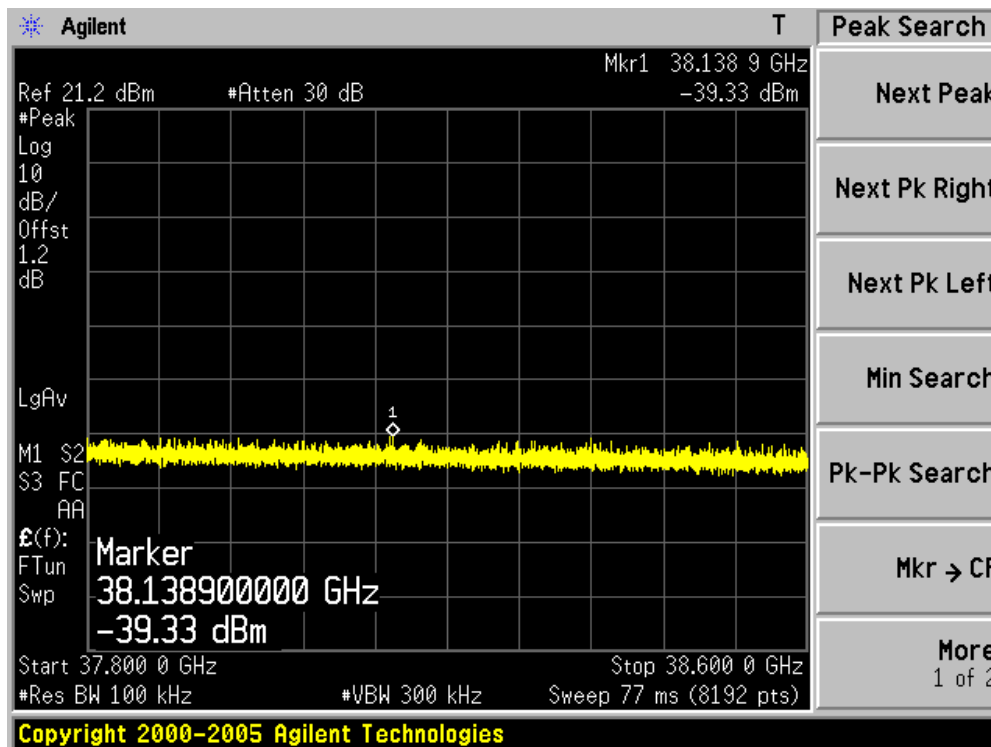
Channel 159 (5795MHz)-15



Channel 159 (5795MHz)-16

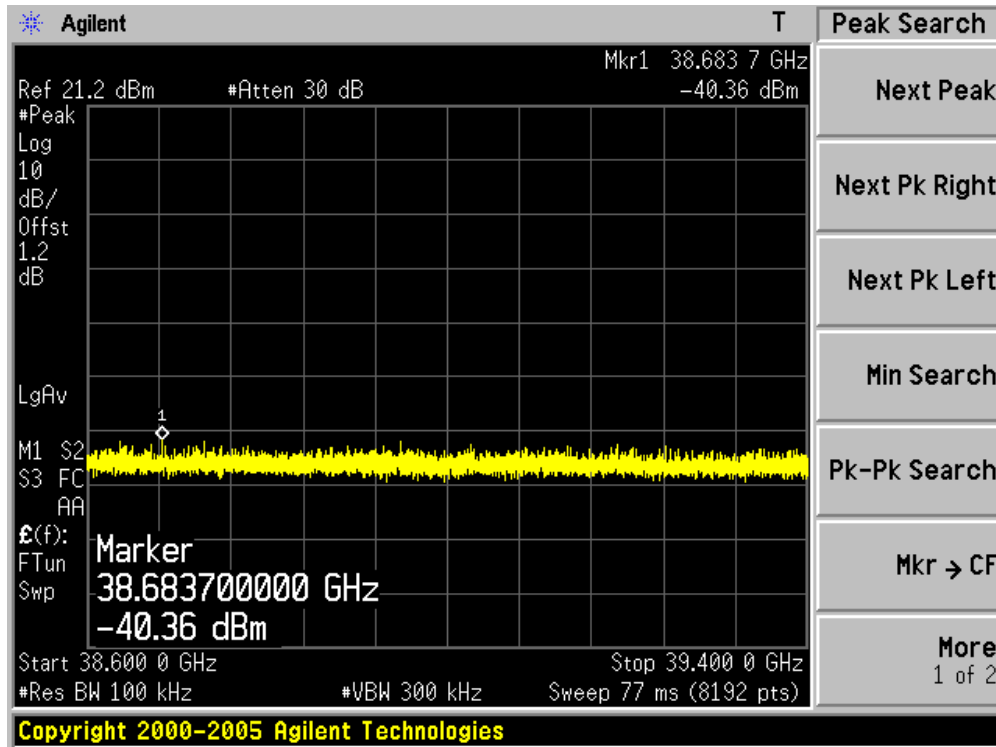


Channel 159 (5795MHz)-17

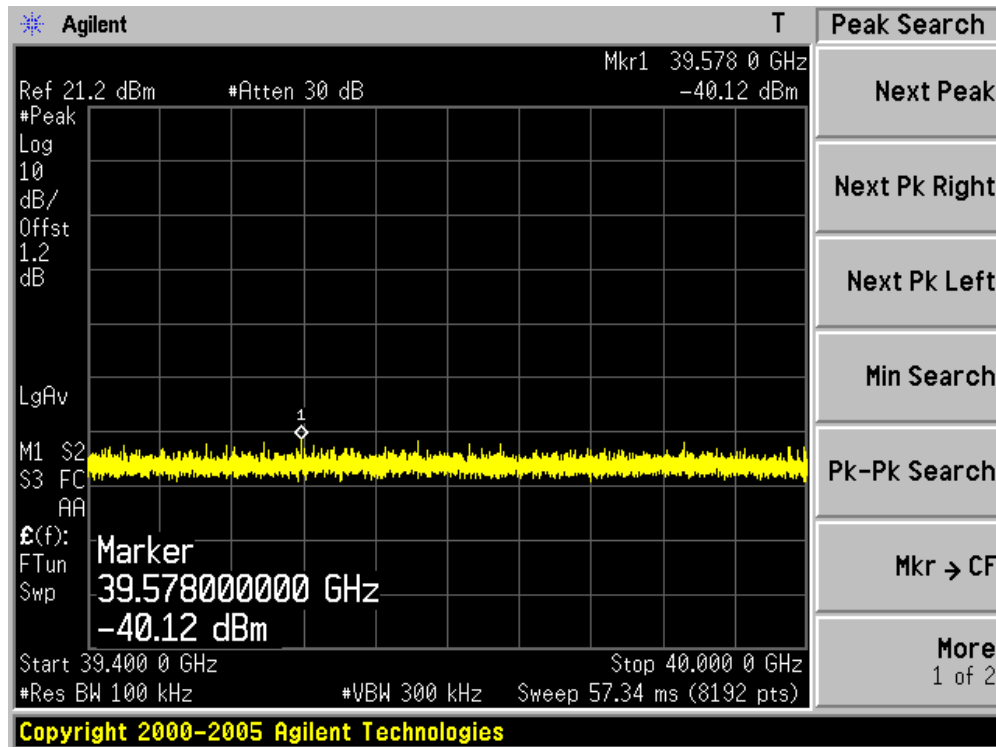




Channel 159 (5795MHz)-18

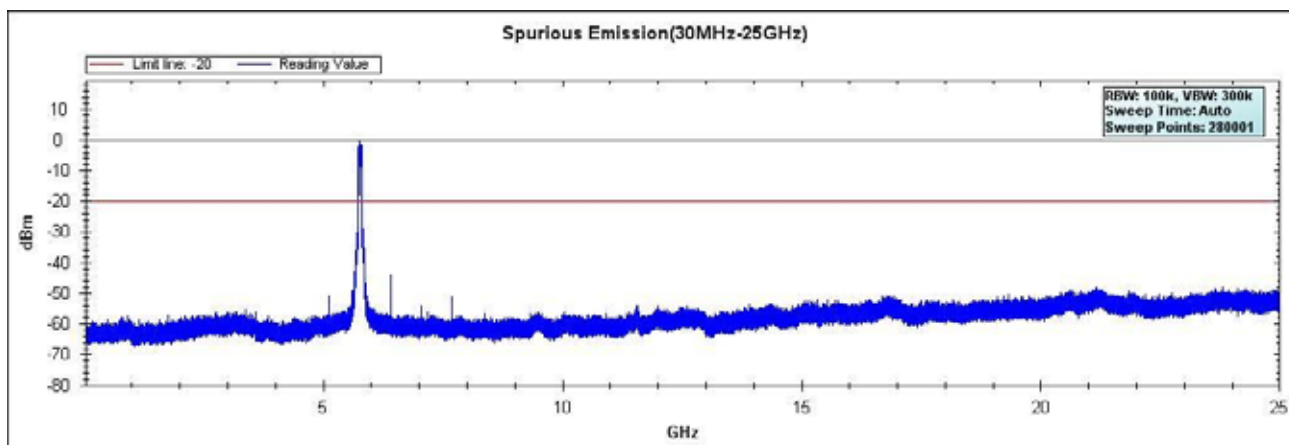


Channel 159 (5795MHz)-19

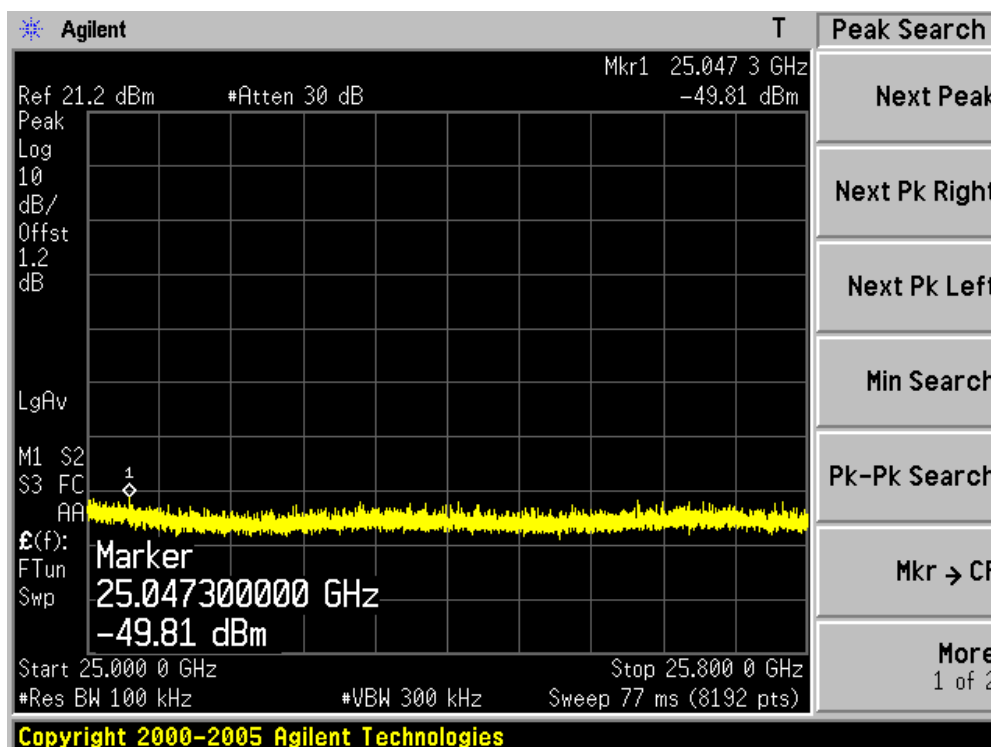


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 1)

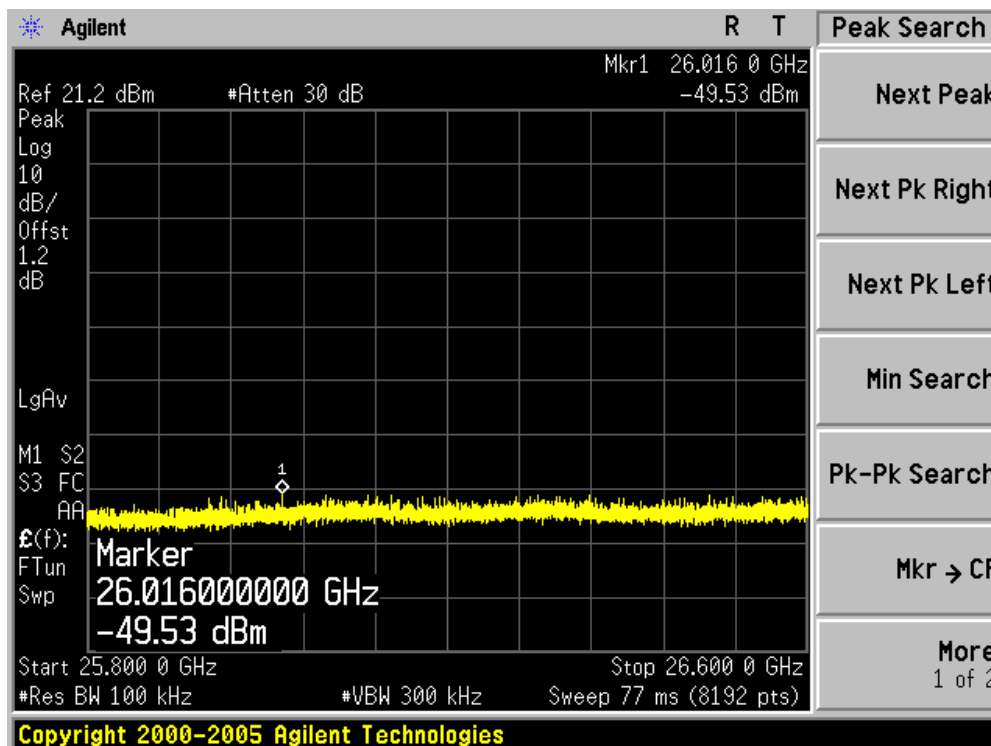
### Channel 155 (5775MHz)



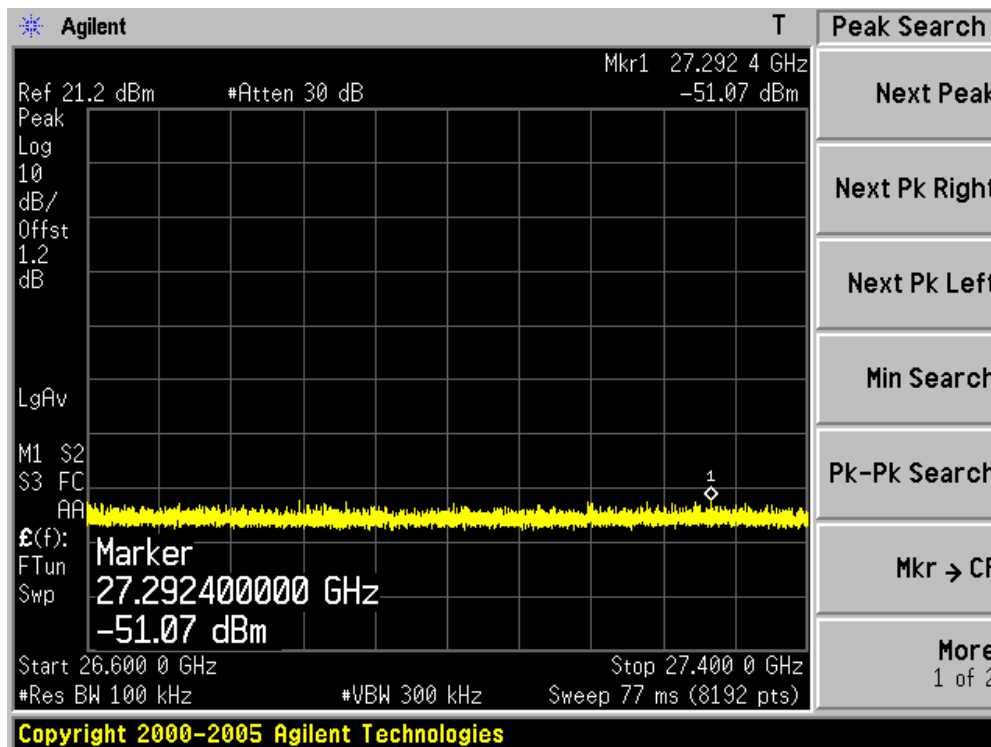
### Channel 155 (5755MHz)-1



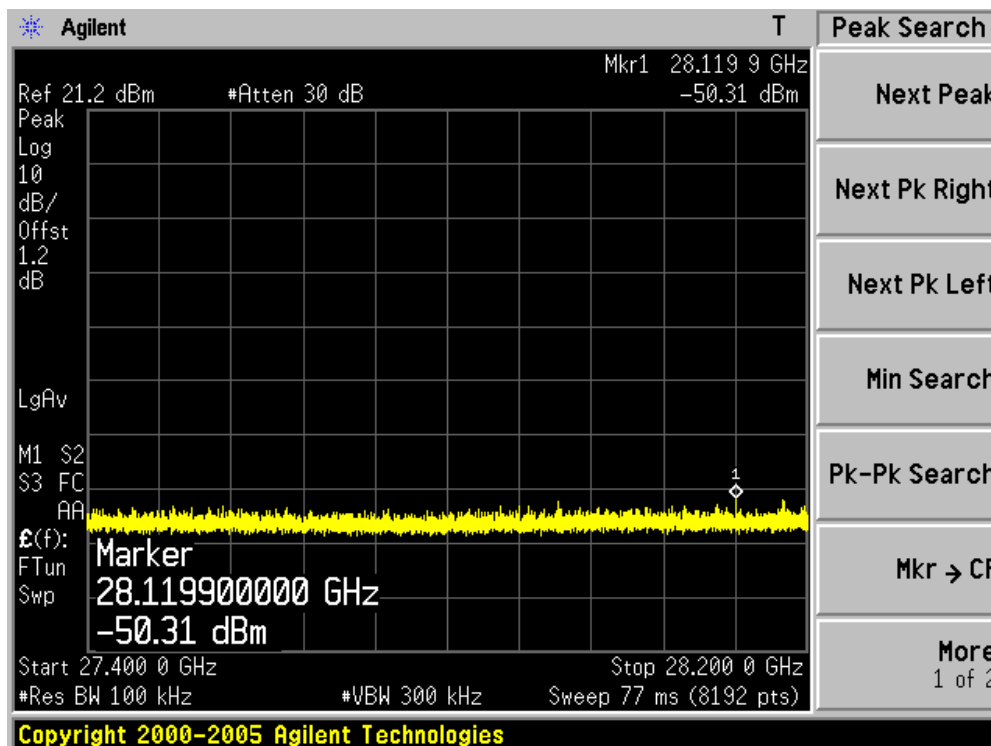
Channel 155 (5755MHz)-2



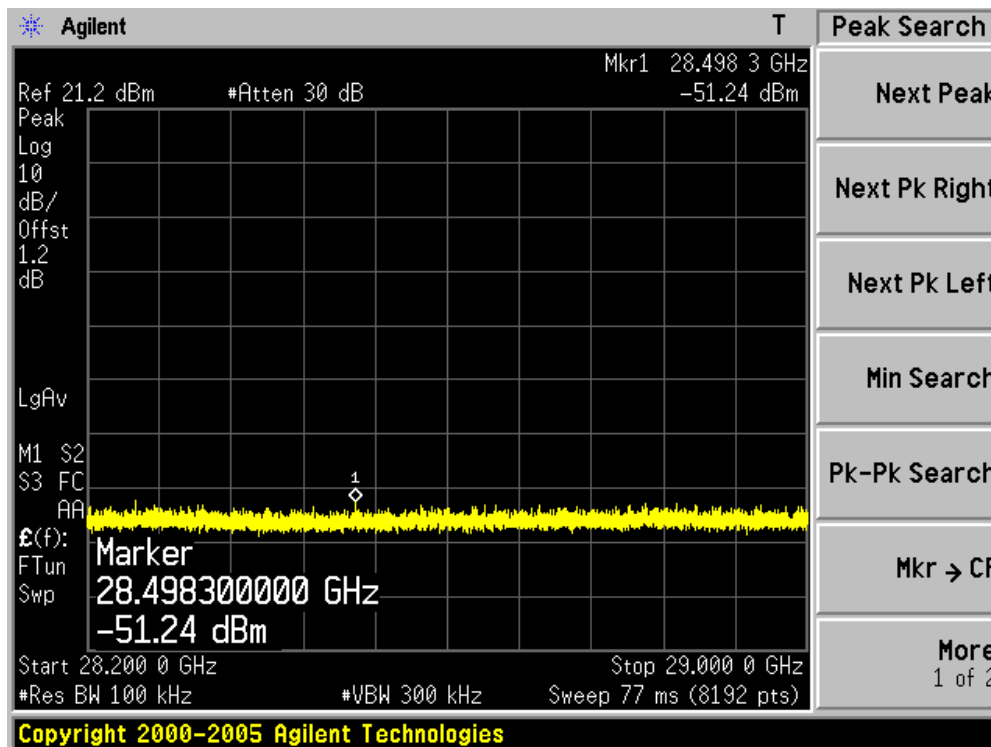
Channel 155 (5755MHz)-3



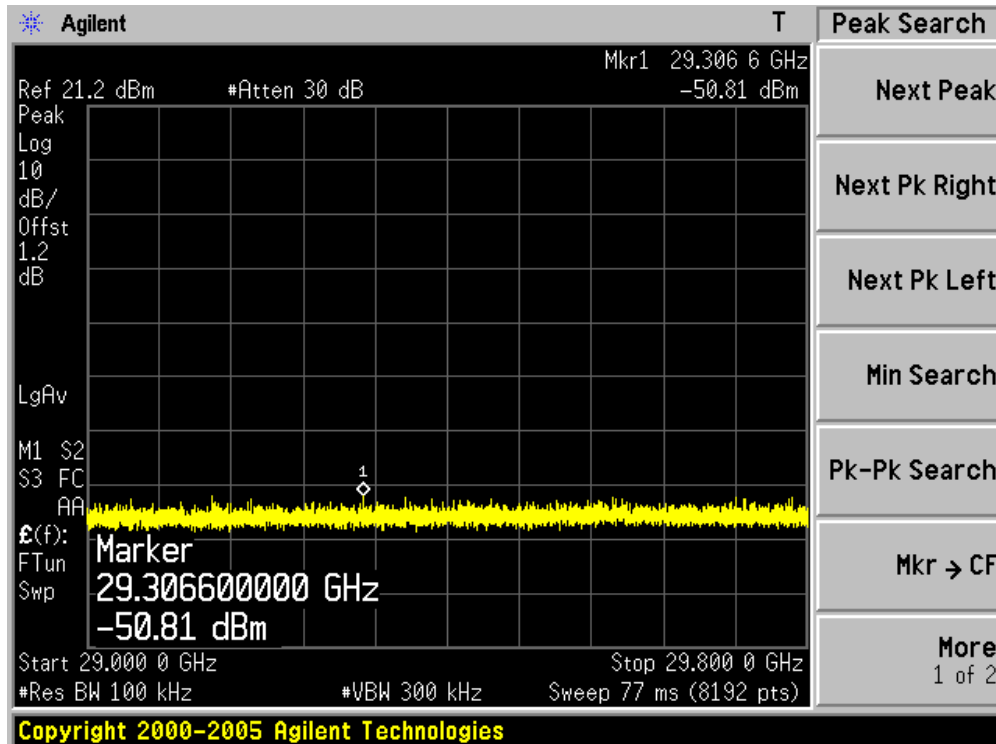
Channel 155 (5755MHz)-4



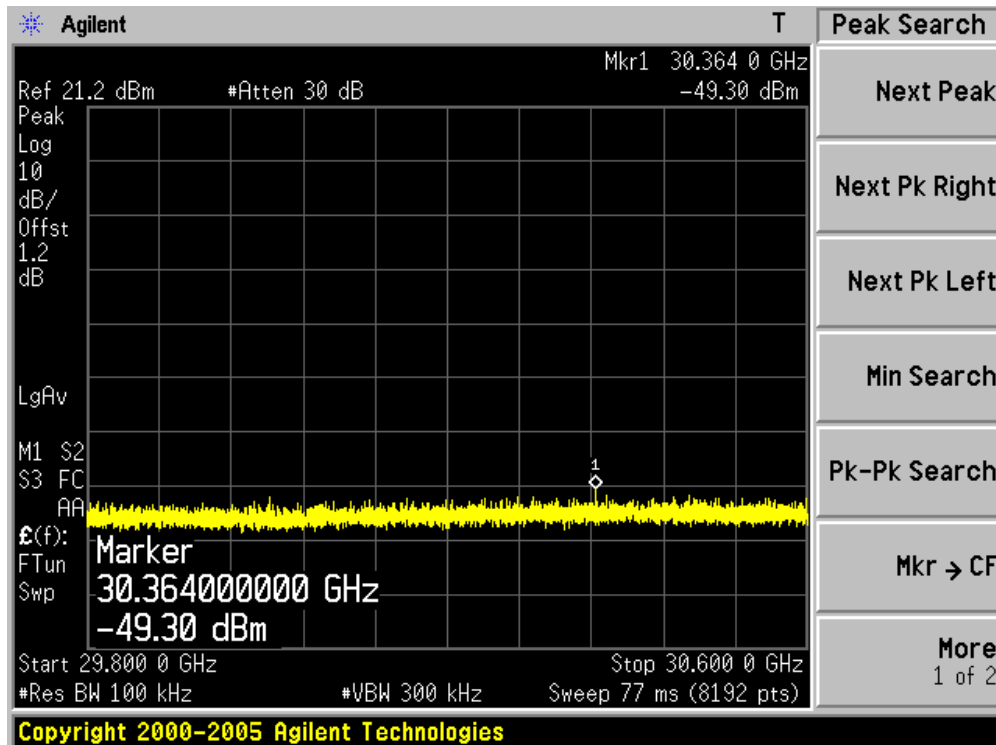
Channel 155 (5755MHz)-5



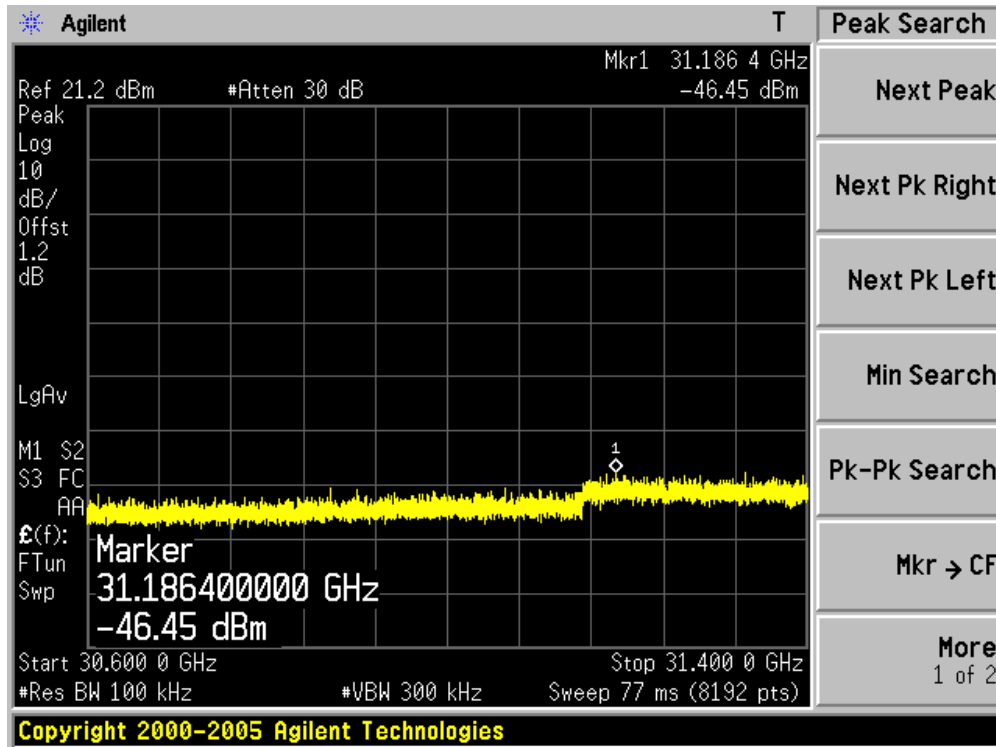
Channel 155 (5755MHz)-6



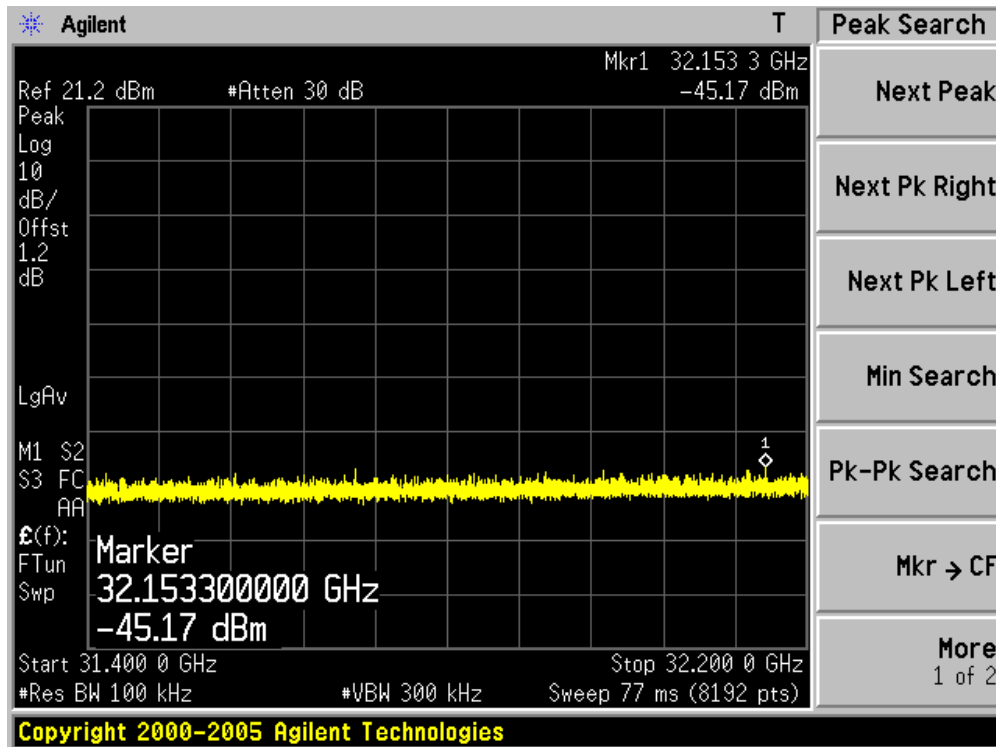
Channel 155 (5755MHz)-7



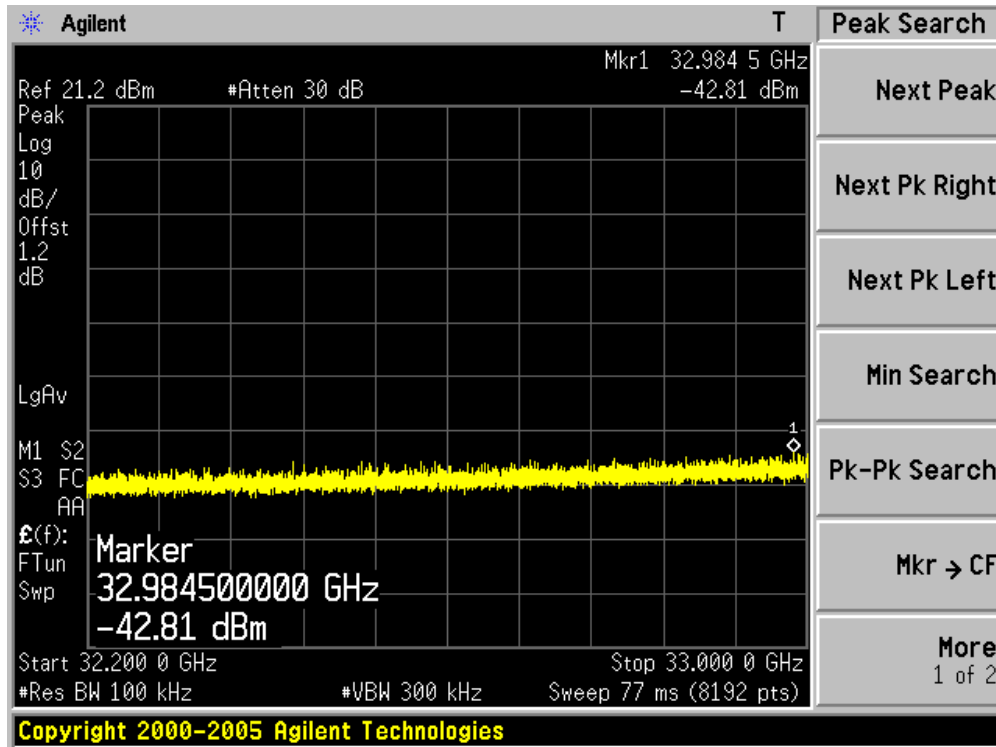
Channel 155 (5755MHz)-8



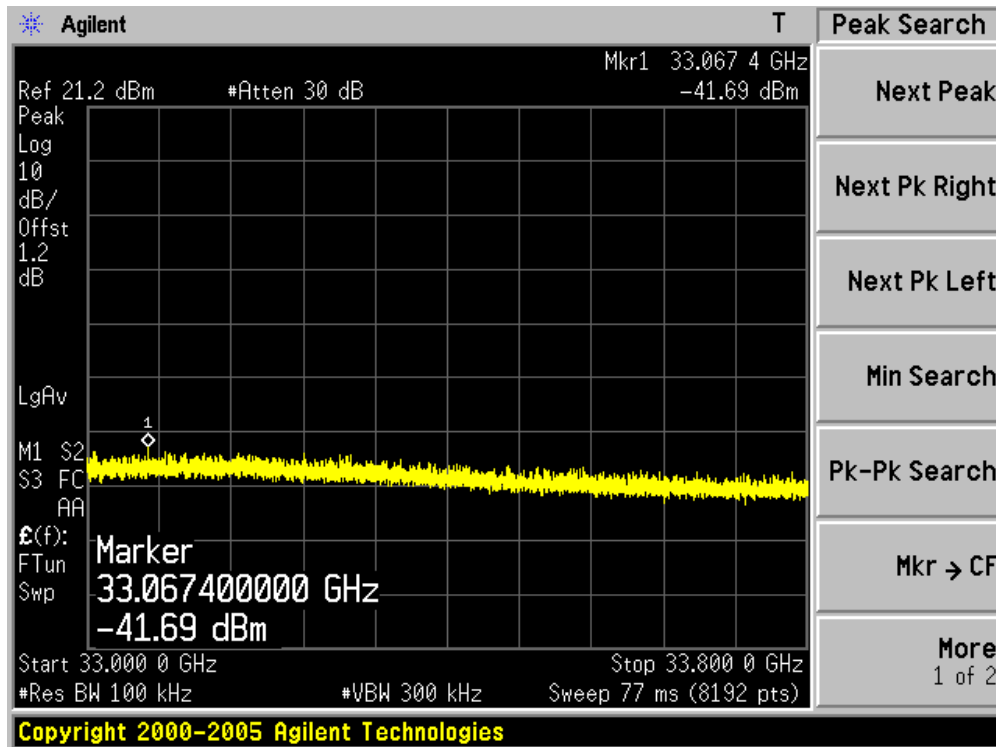
Channel 155 (5755MHz)-9



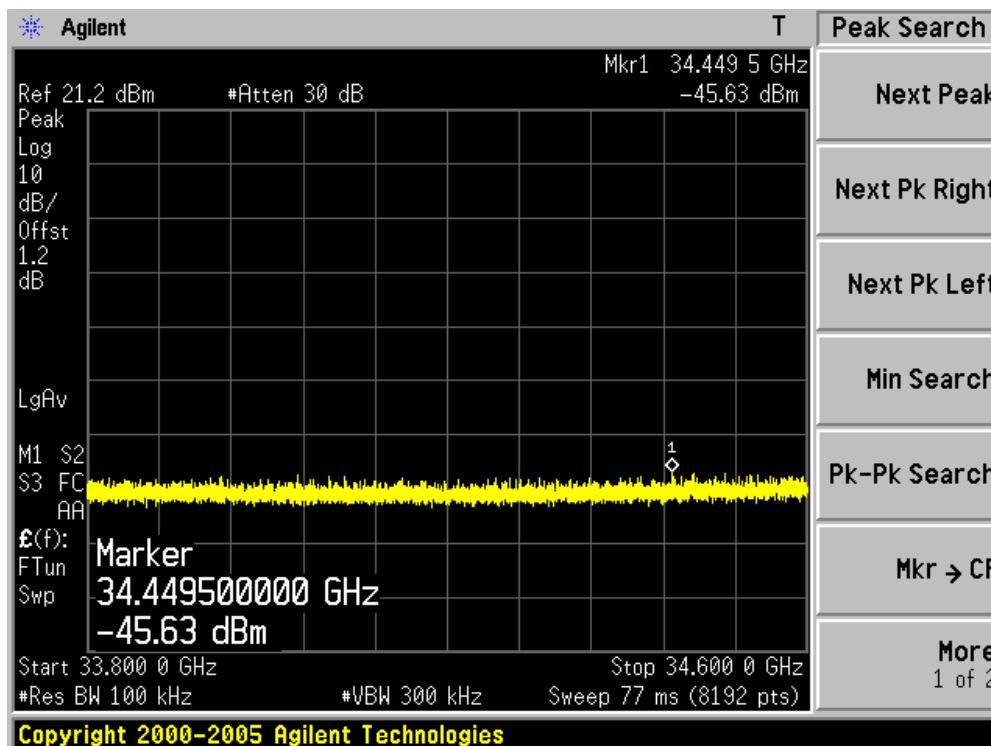
Channel 155 (5755MHz)-10



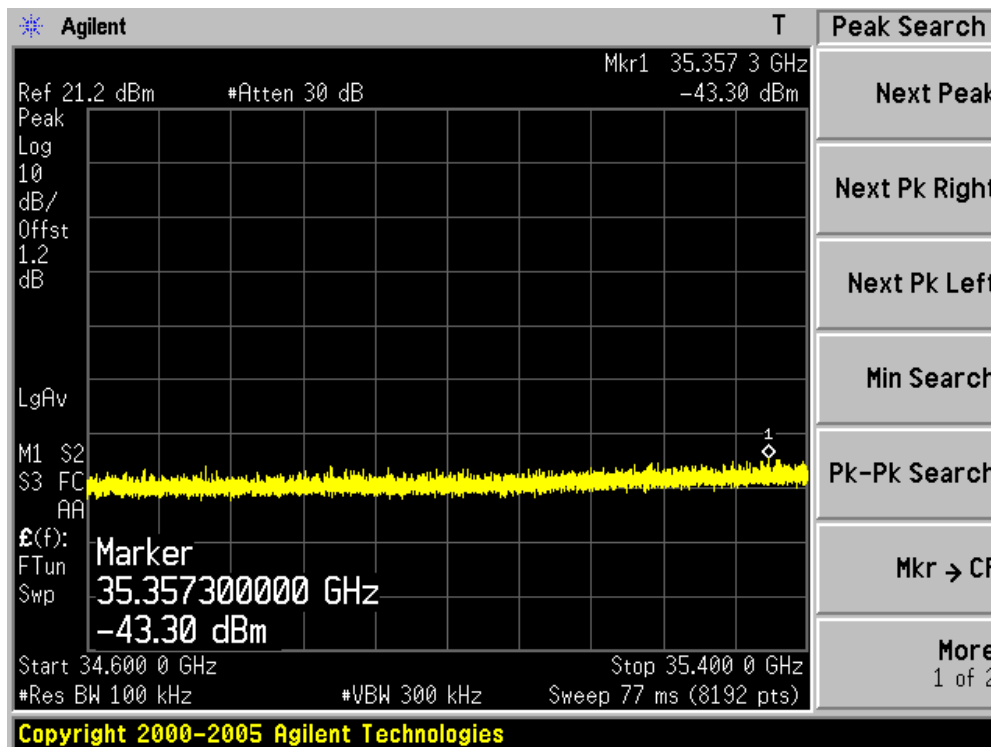
Channel 155 (5755MHz)-11



Channel 155 (5755MHz)-12

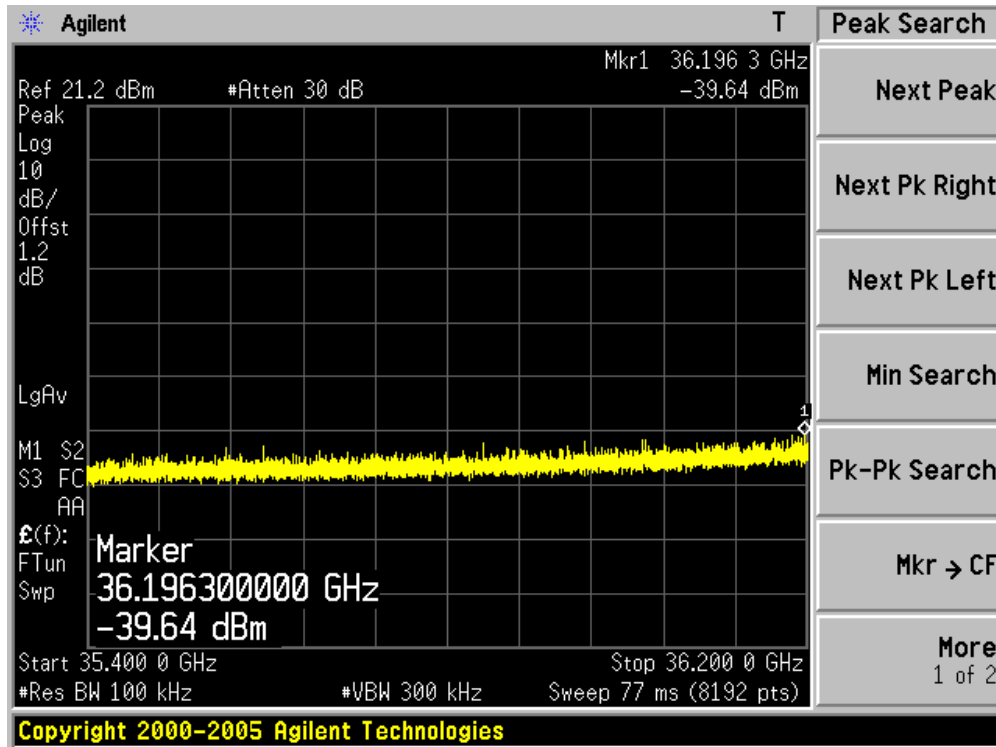


Channel 155 (5755MHz)-13

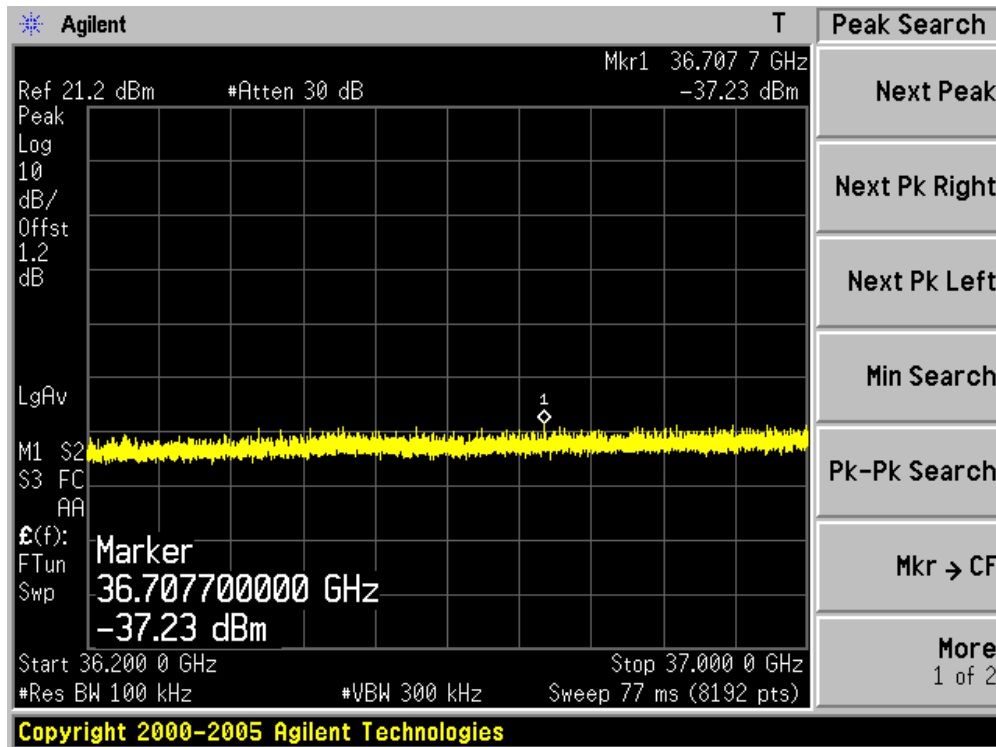




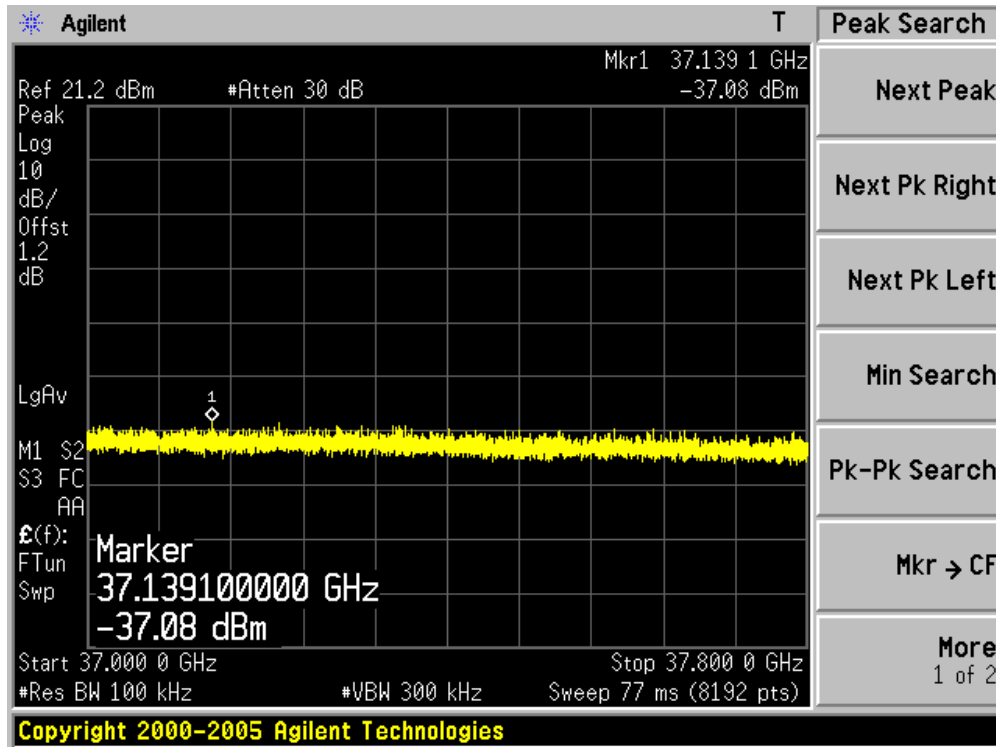
Channel 155 (5755MHz)-14



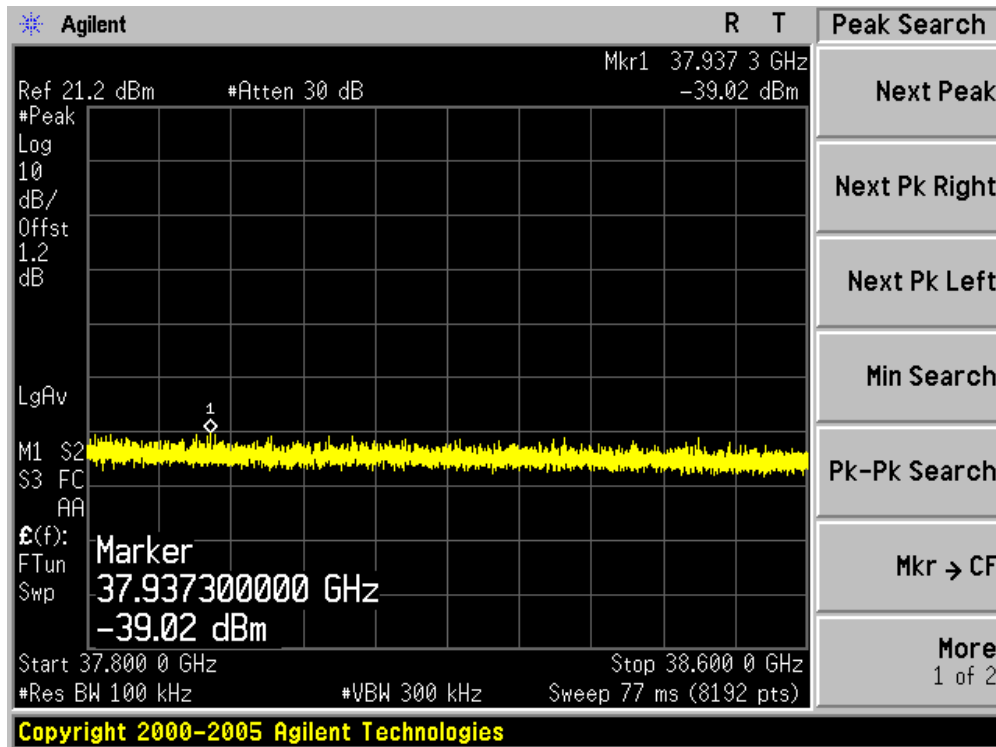
Channel 155 (5755MHz)-15



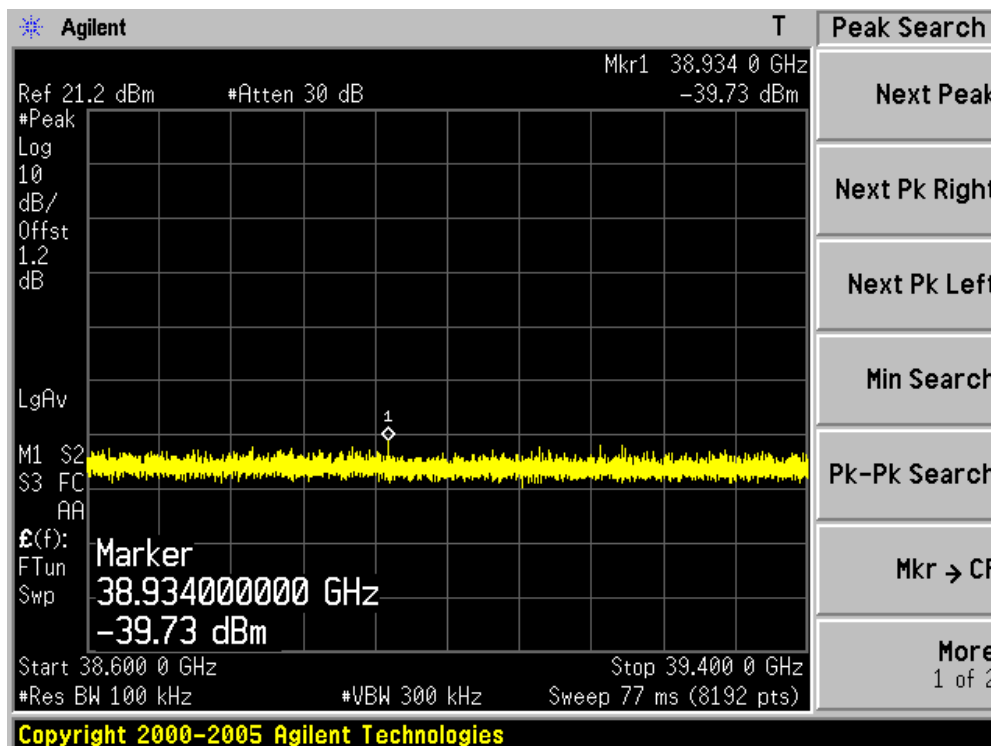
Channel 155 (5755MHz)-16



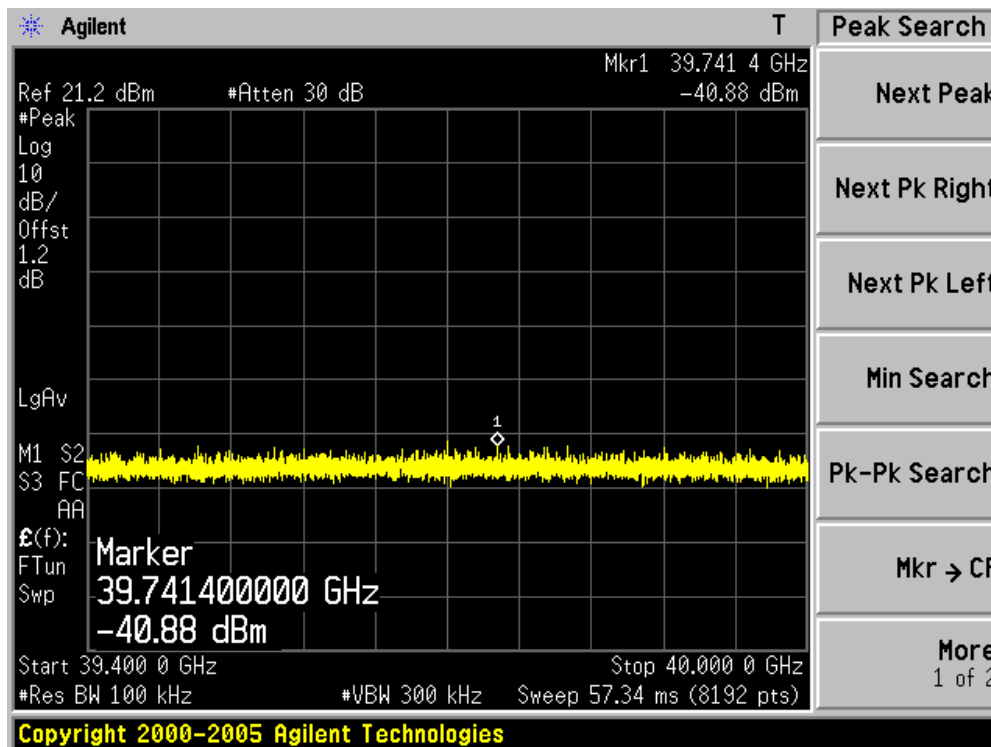
Channel 155 (5755MHz)-17



Channel 155 (5755MHz)-18

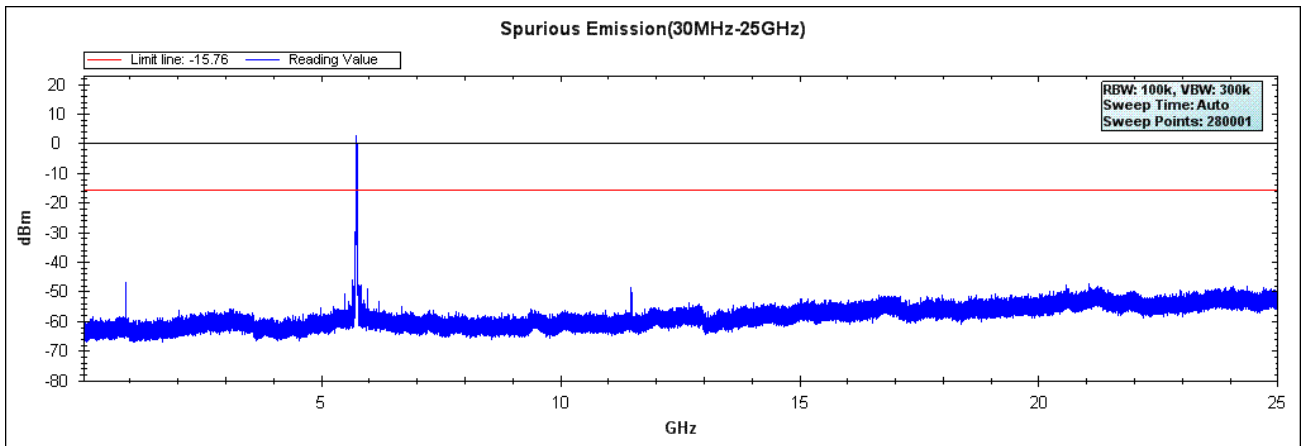


Channel 155 (5755MHz)-19

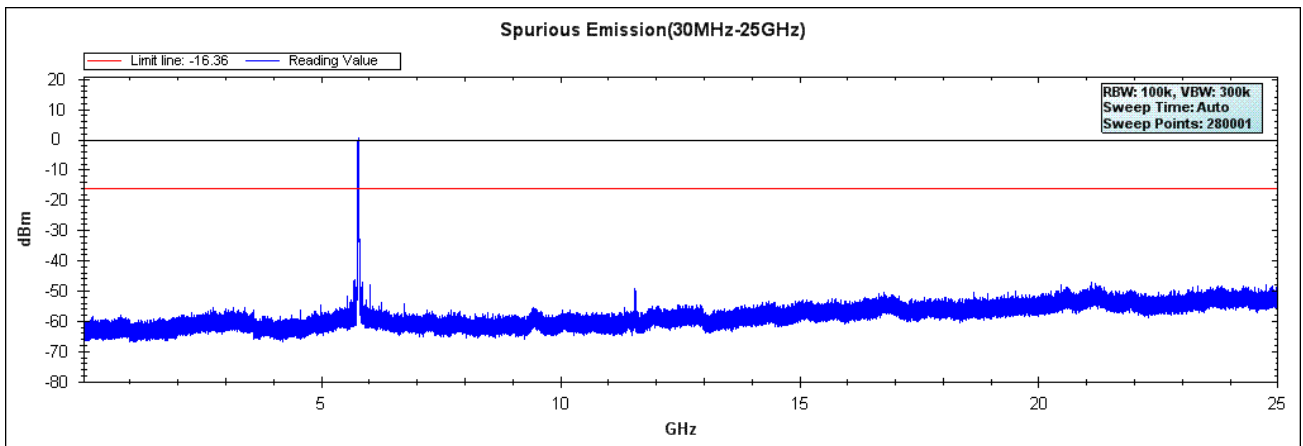


Product	:	Dual Band Wireless AC/N VDSL2 VoIP Combo WAN Gigabit IAD
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 2)

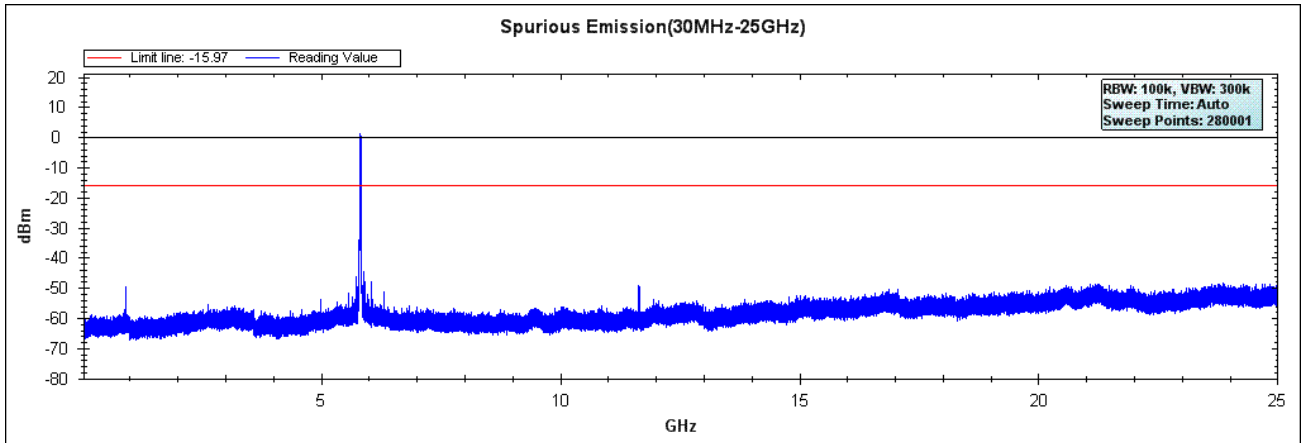
**Channel 149 (5745MHz)**



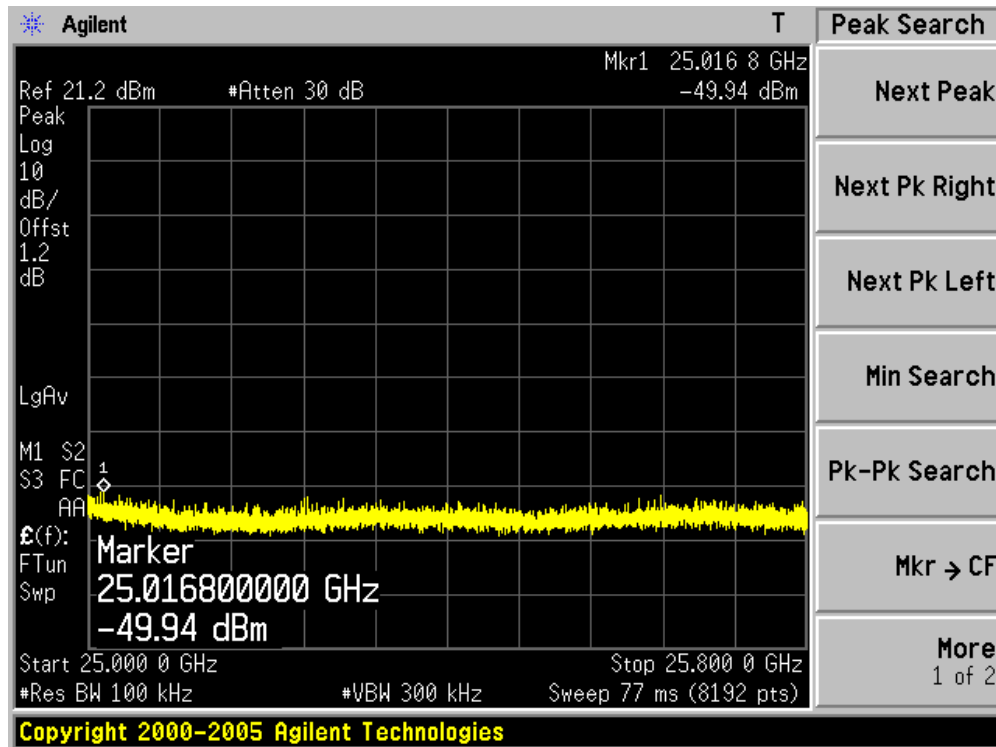
**Channel 157 (5785MHz)**



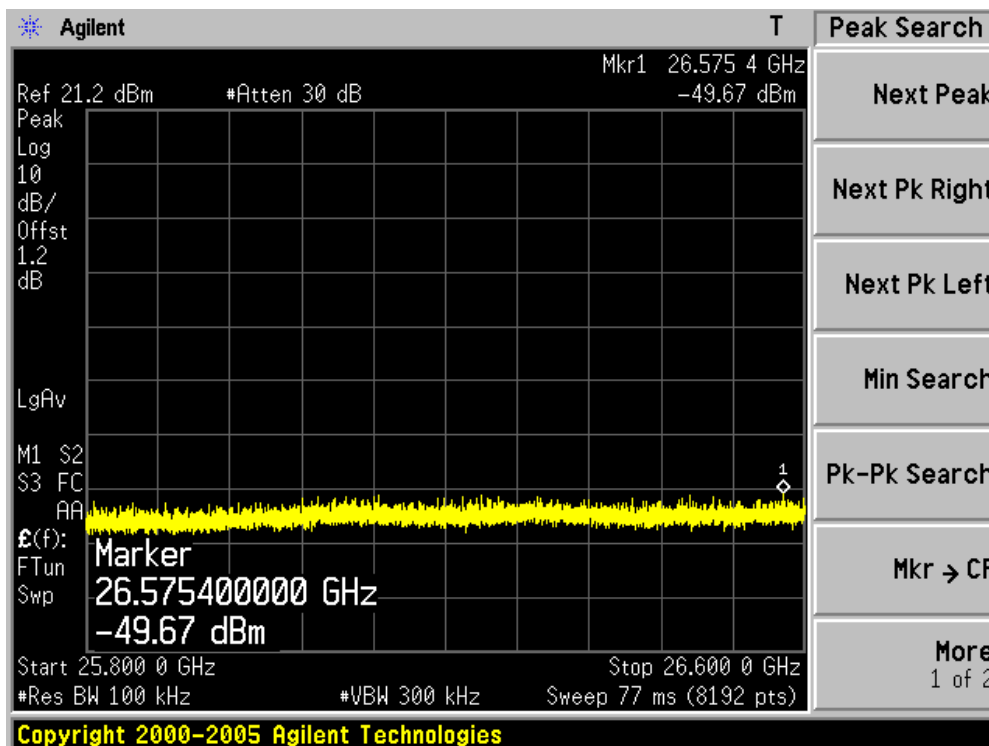
Channel 165 (5825MHz)



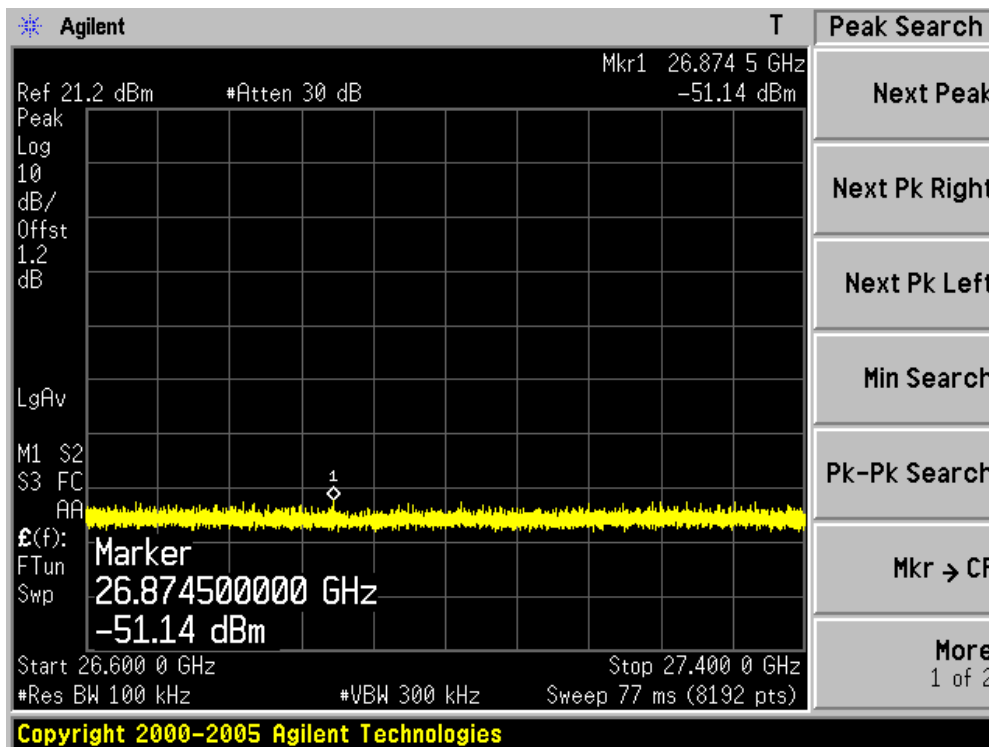
Channel 149 (5745MHz)-1



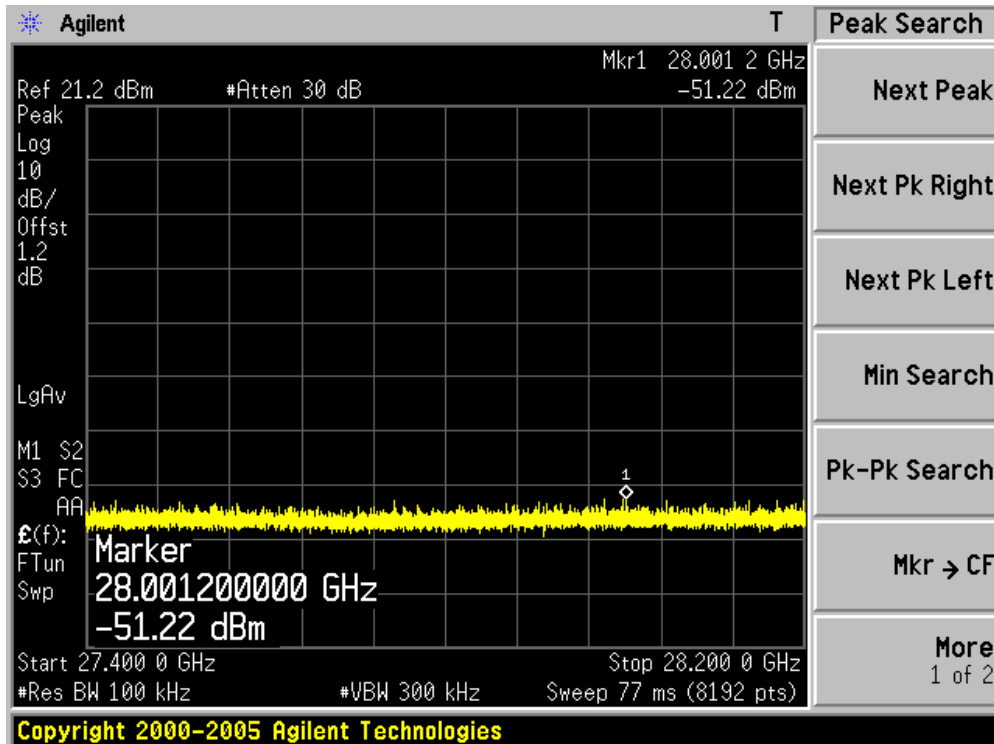
Channel 149 (5745MHz)-2



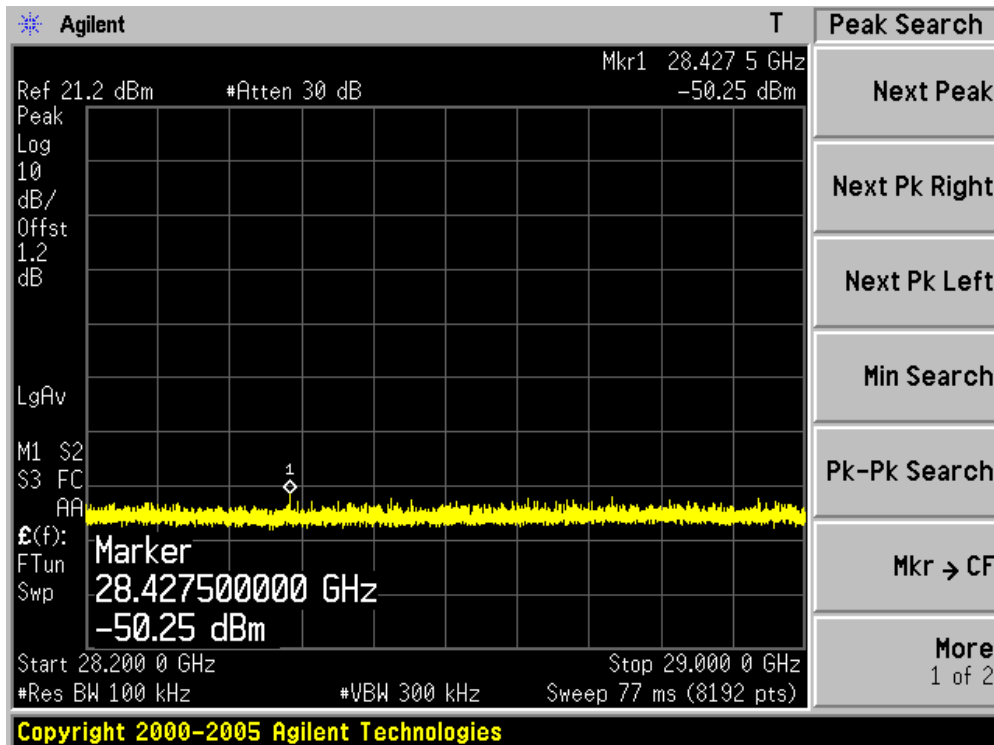
Channel 149 (5745MHz)-3



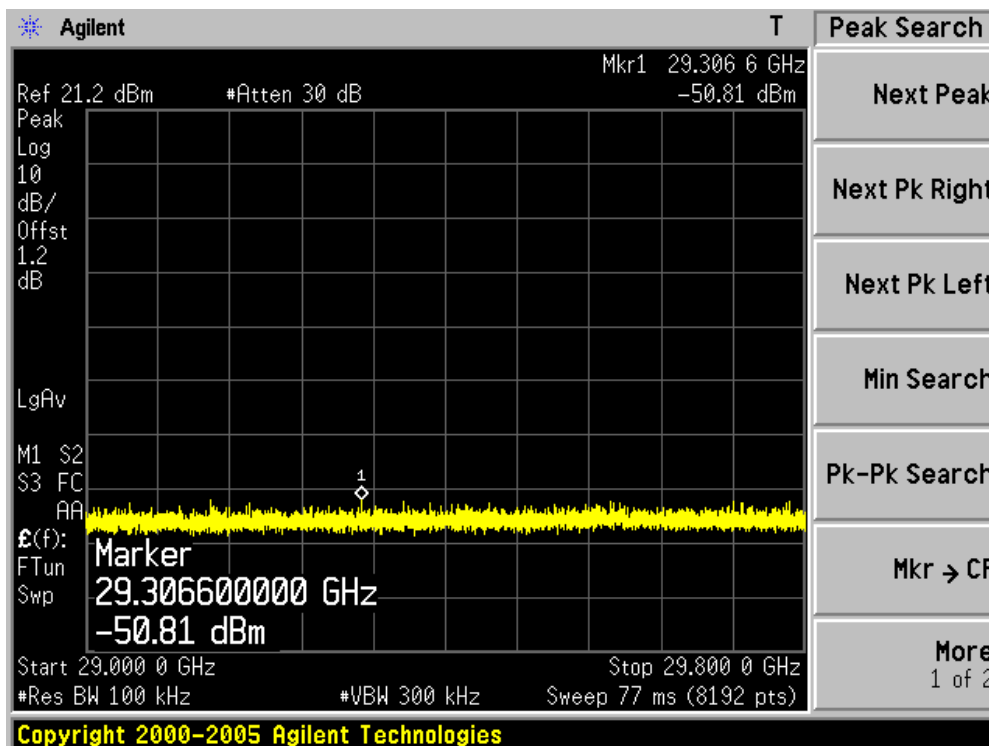
Channel 149 (5745MHz)-4



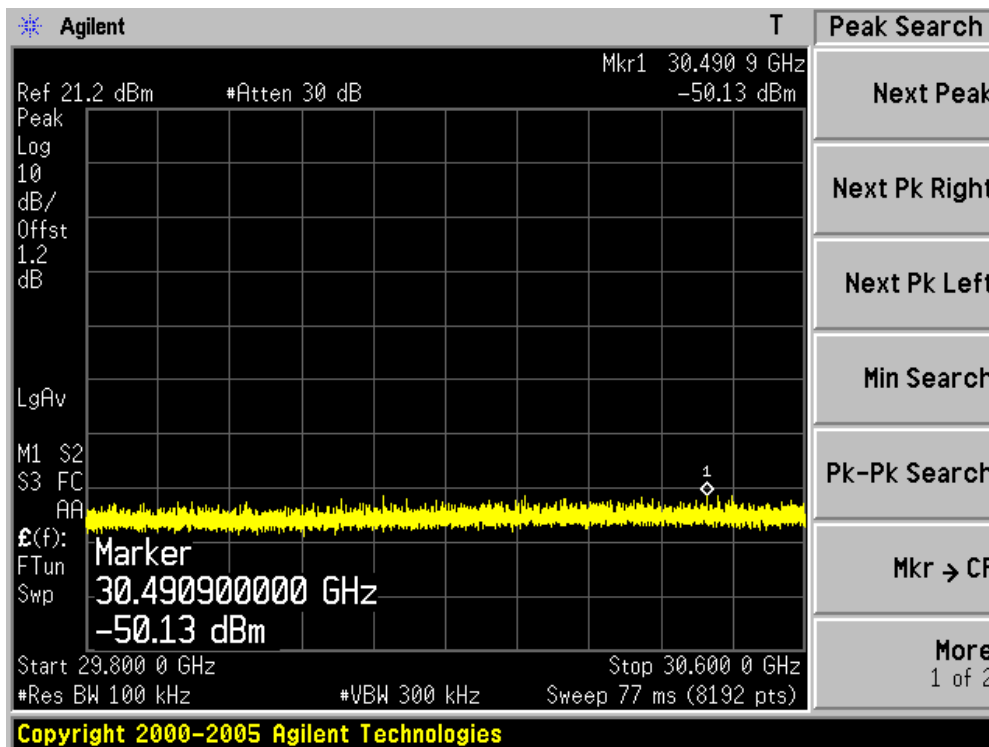
Channel 149 (5745MHz)-5



Channel 149 (5745MHz)-6

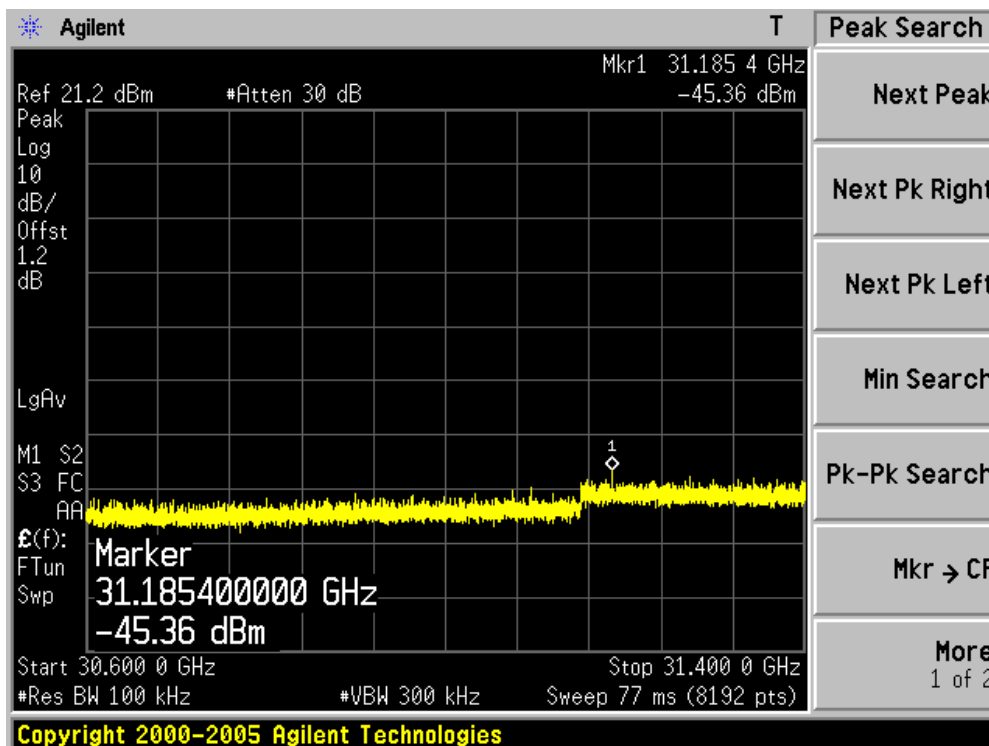


Channel 149 (5745MHz)-7

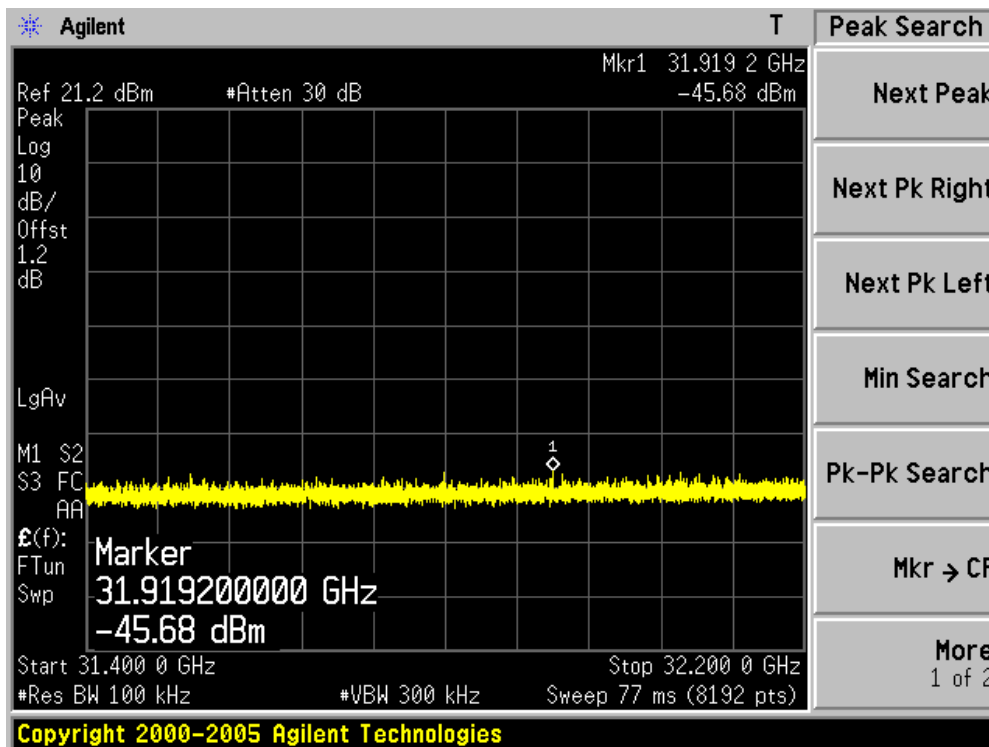




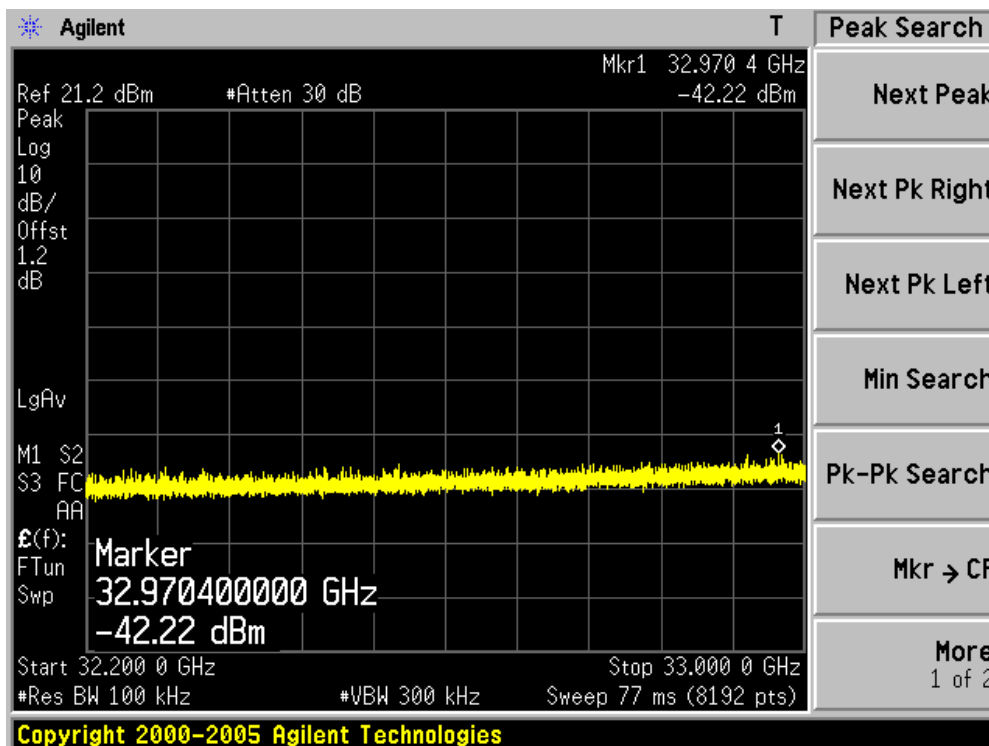
Channel 149 (5745MHz)-8



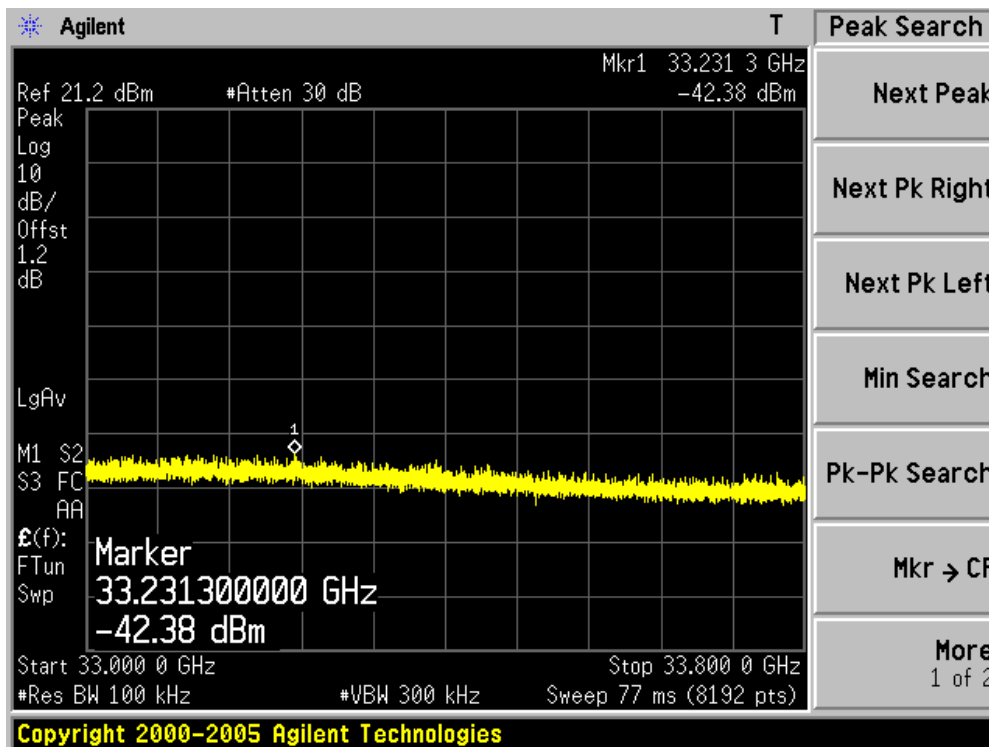
Channel 149 (5745MHz)-9



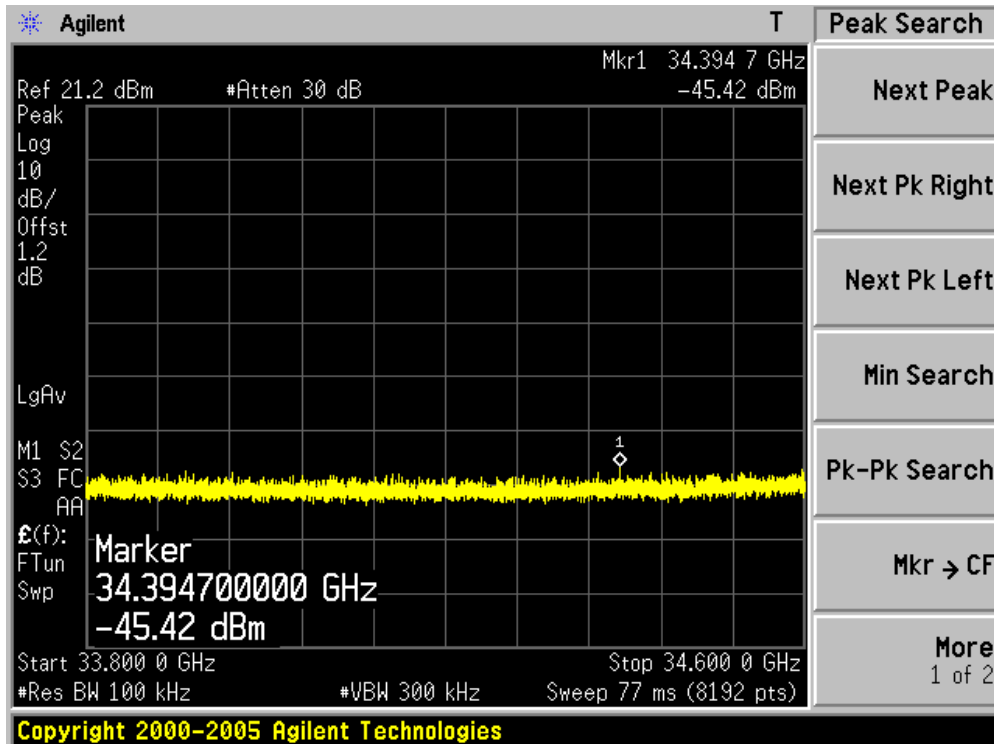
Channel 149 (5745MHz)-10



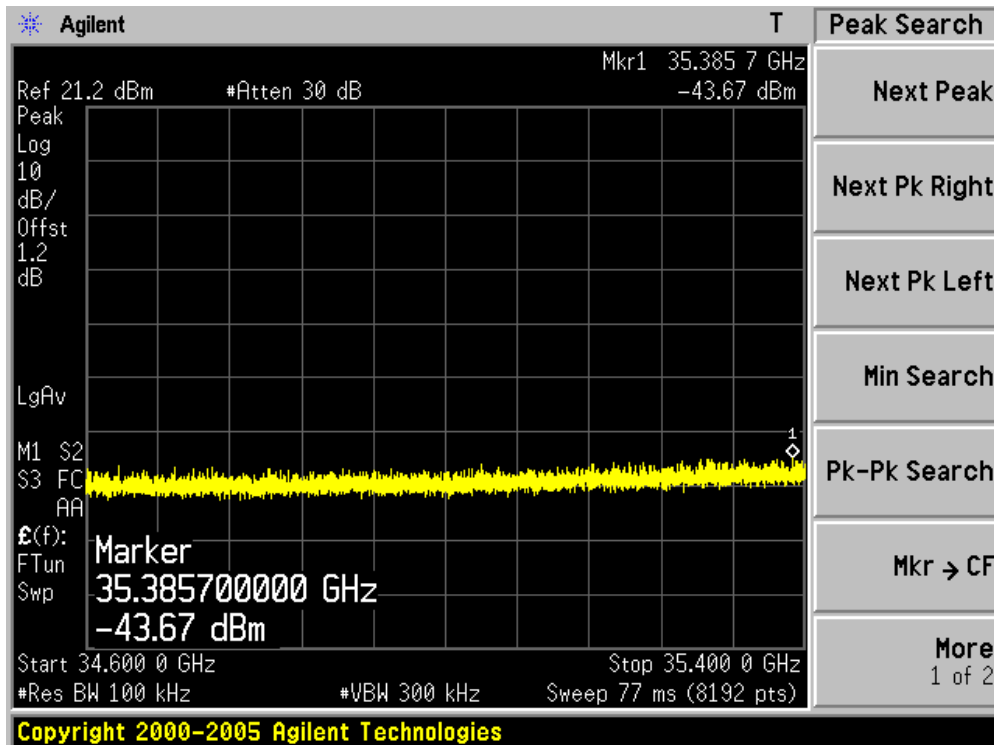
Channel 149 (5745MHz)-11



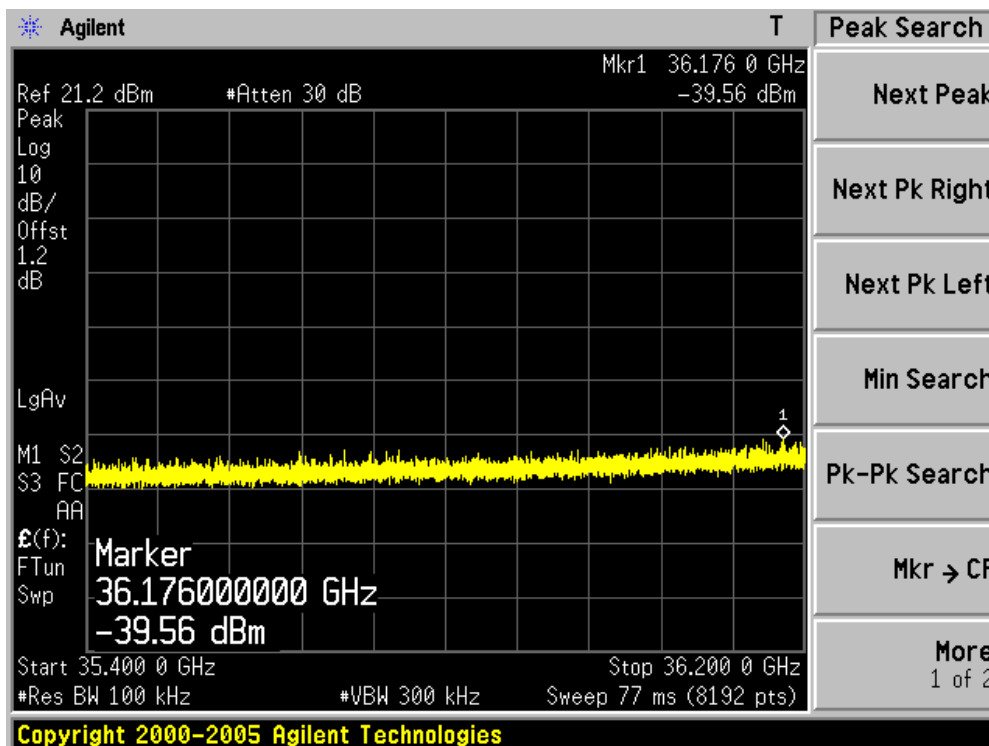
Channel 149 (5745MHz)-12



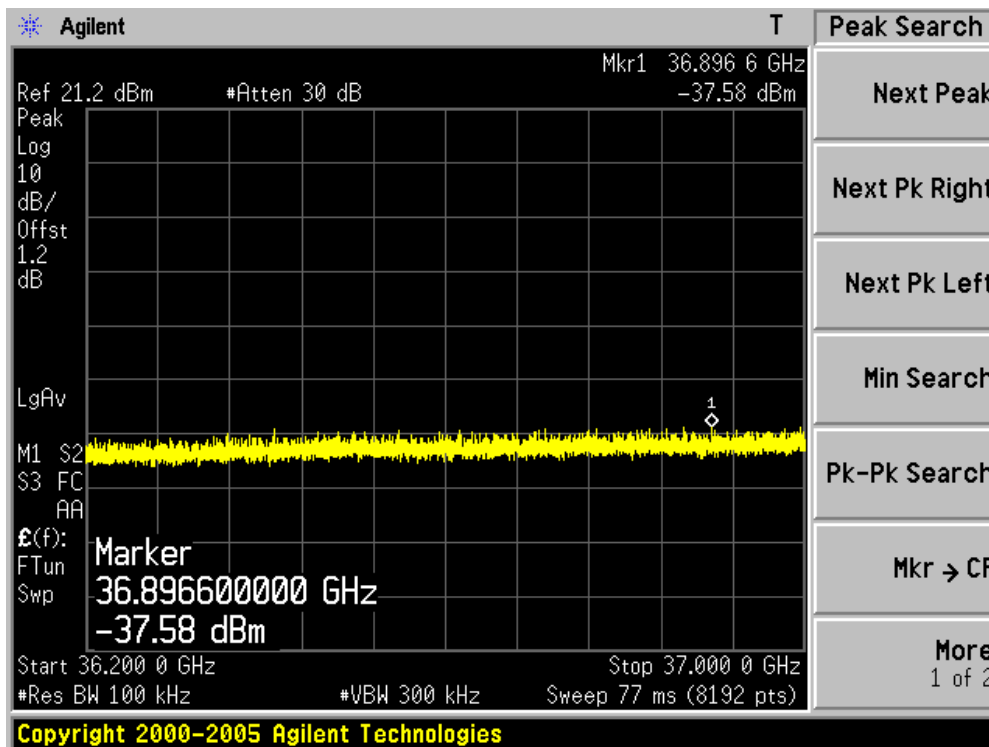
Channel 149 (5745MHz)-13



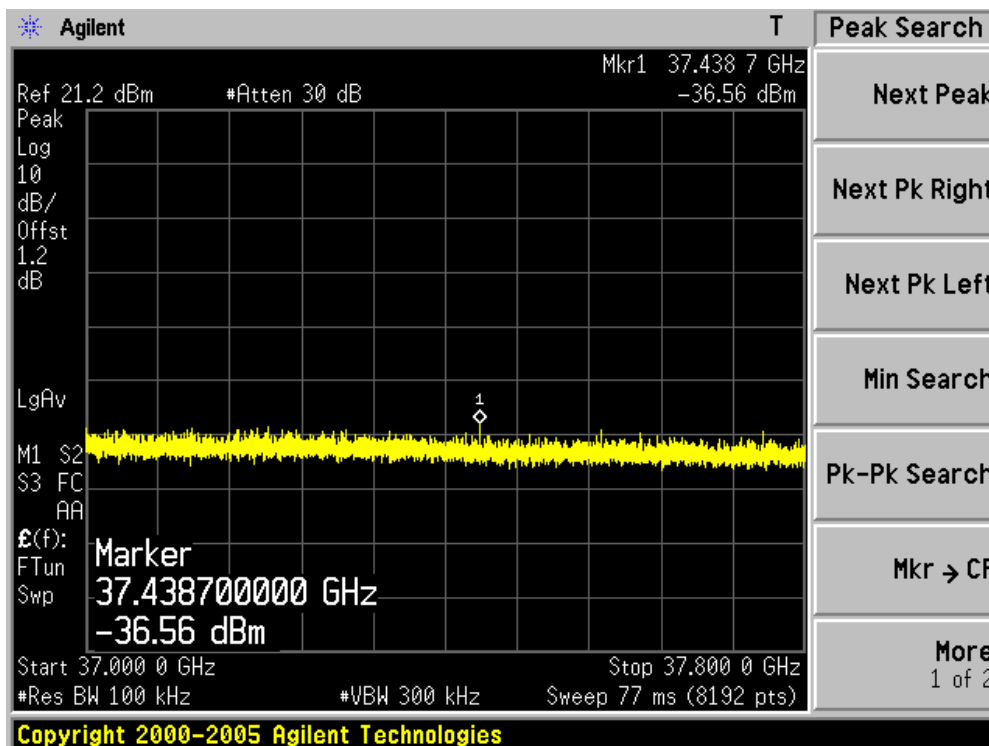
Channel 149 (5745MHz)-14



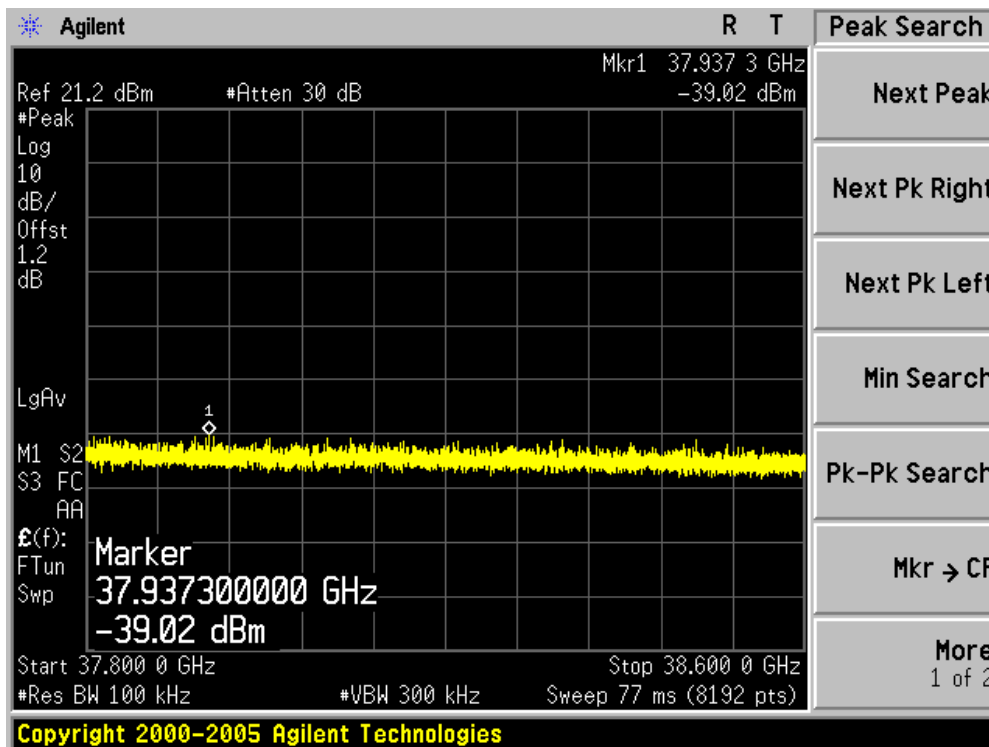
Channel 149 (5745MHz)-15



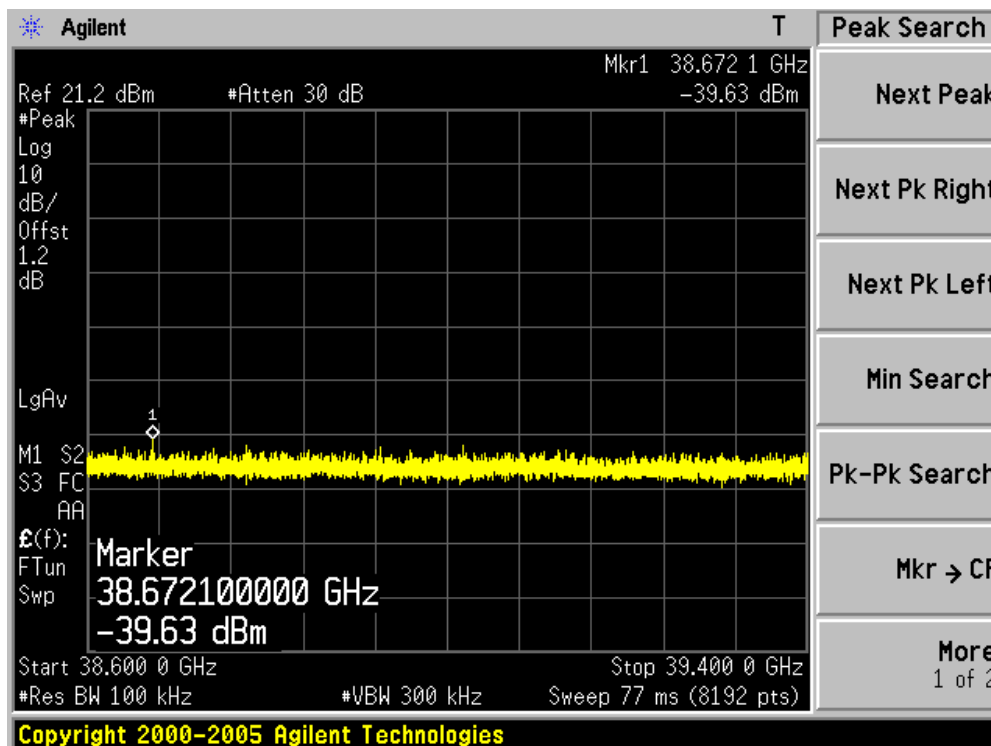
Channel 149 (5745MHz)-16



Channel 149 (5745MHz)-17



Channel 149 (5745MHz)-18



Channel 149 (5745MHz)-19

