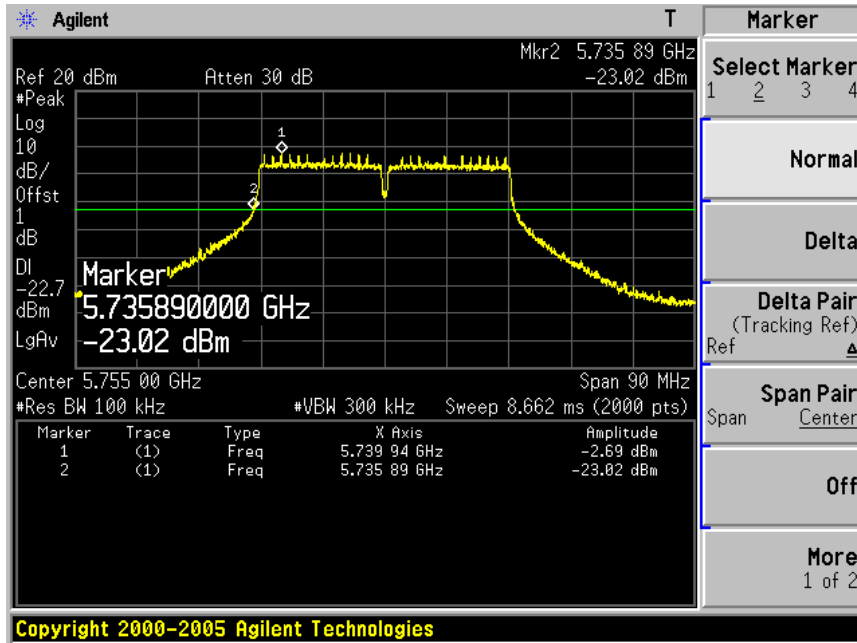
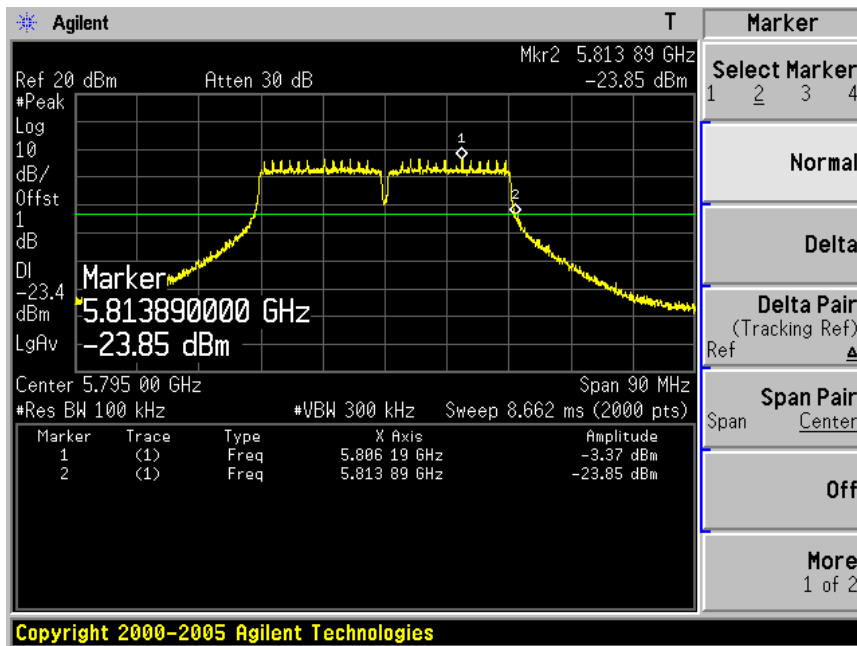


Channel 151 (5755MHz)

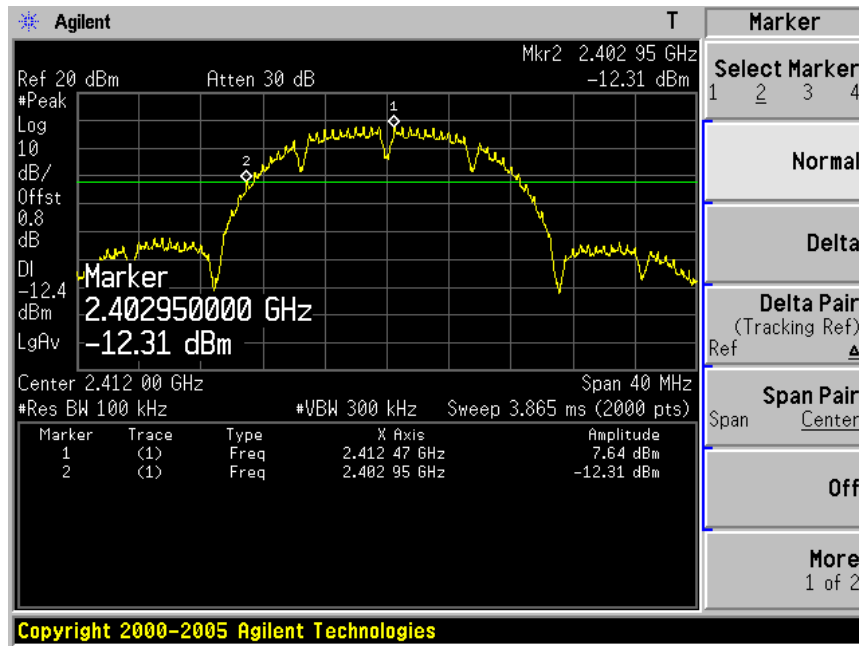


Channel 159 (5795MHz)

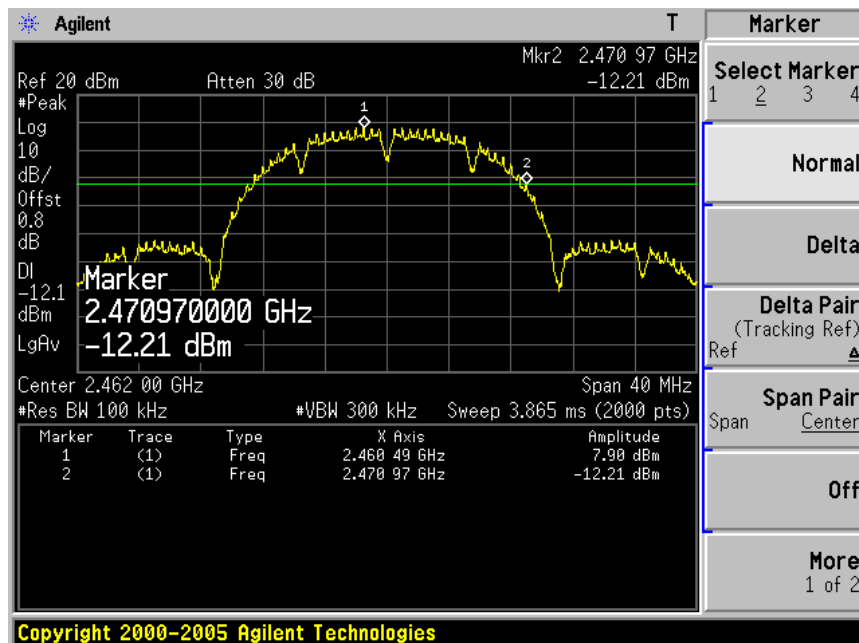


Product	: Wireless LAN access Point
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 001)

Channel 01 (2412MHz)

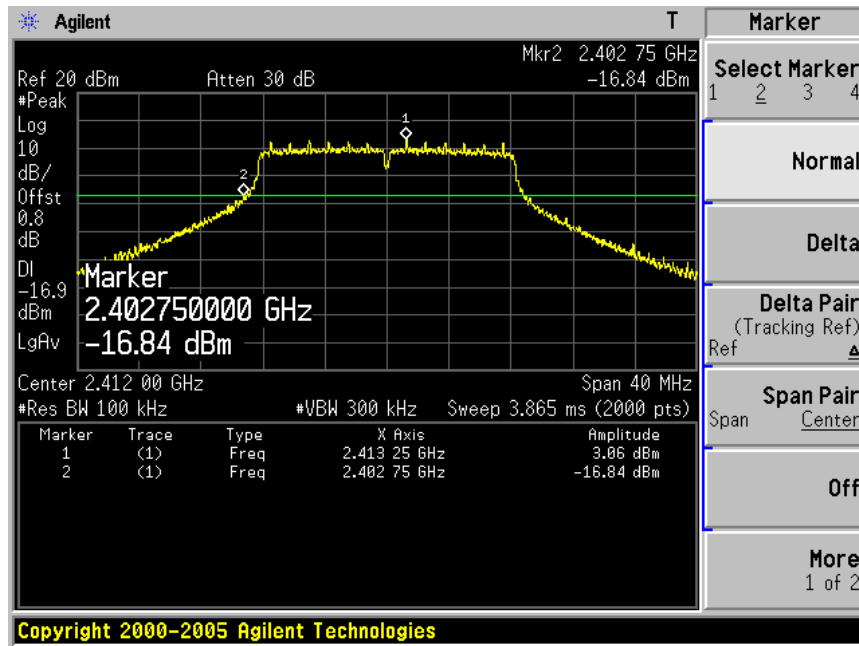


Channel 11 (2462MHz)

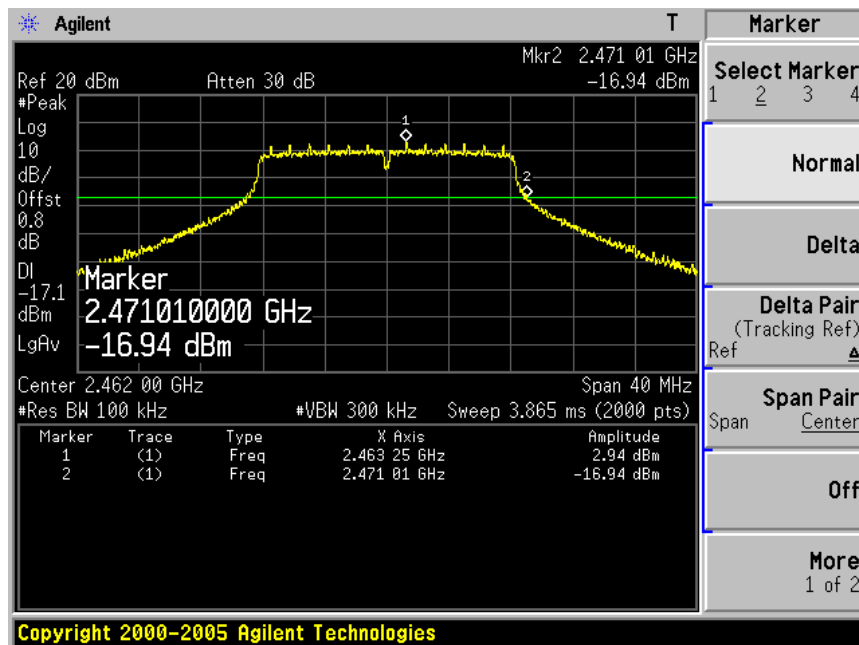


Product	: Wireless LAN access Point
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 001)

Channel 01 (2412MHz)

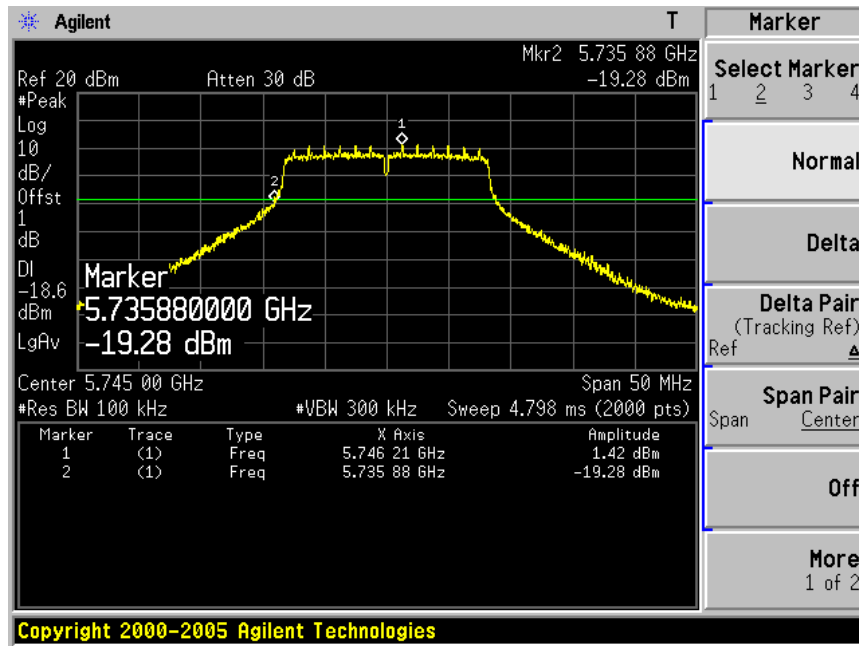


Channel 11 (2462MHz)

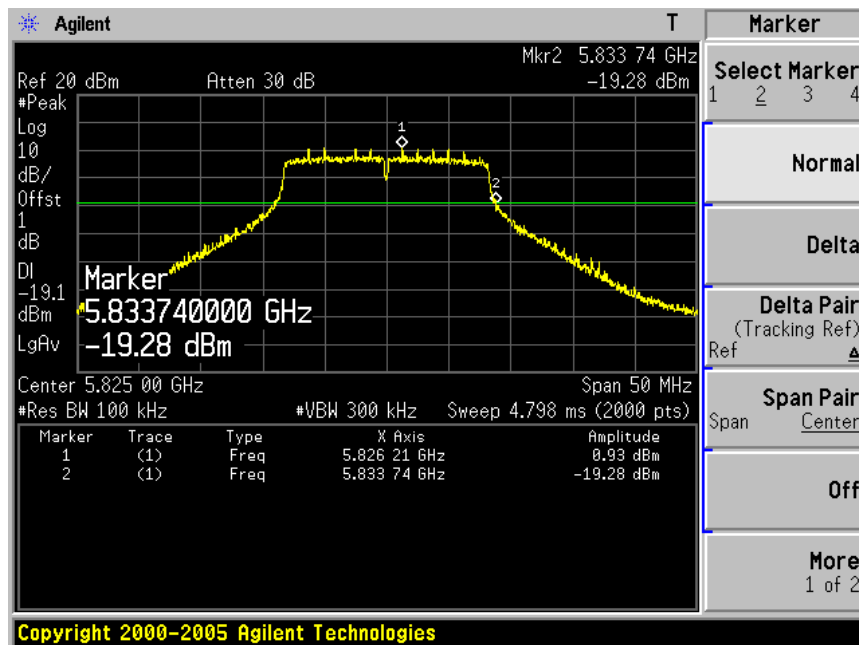


Product	: Wireless LAN access Point
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 3: Transmit by 802.11a (Chain 001)

Channel 149 (5745MHz)

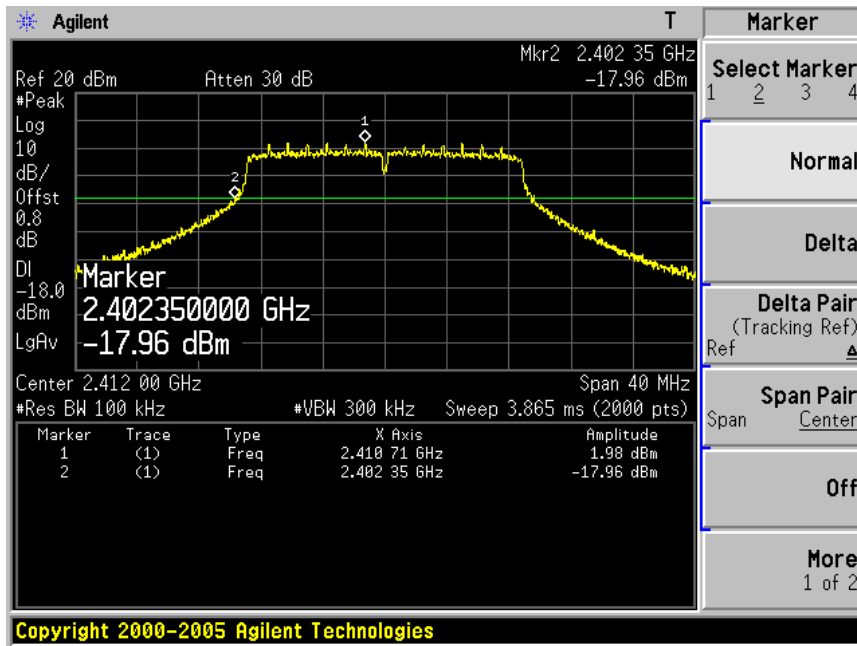


Channel 165 (5825MHz)

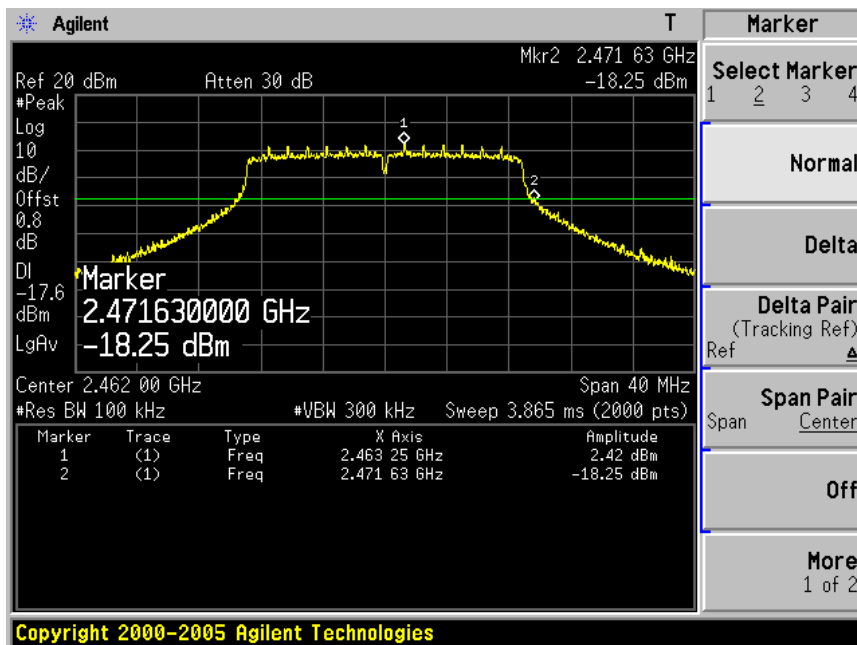


Product	: Wireless LAN access Point
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 4: Transmit by 802.11n (20MHz) (Chain 001)

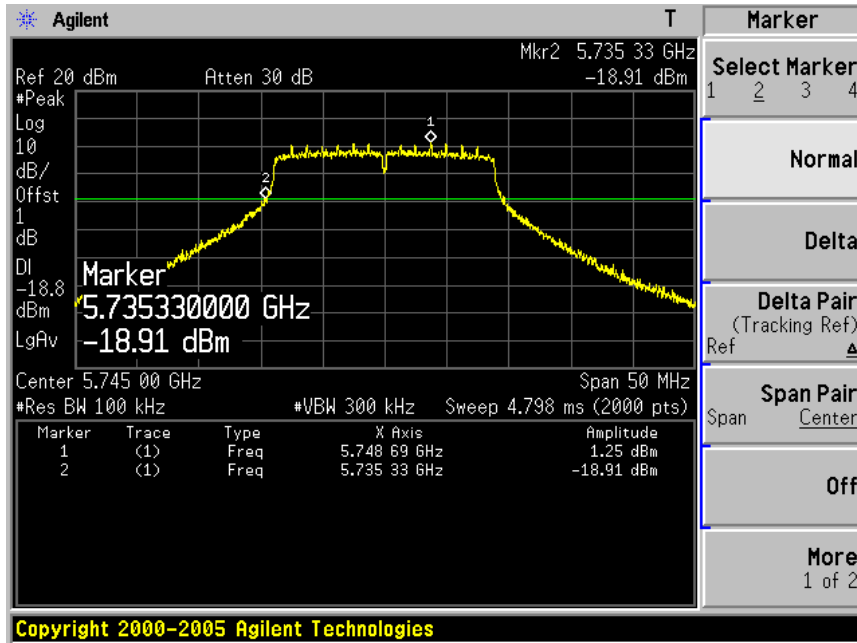
Channel 01 (2412MHz)



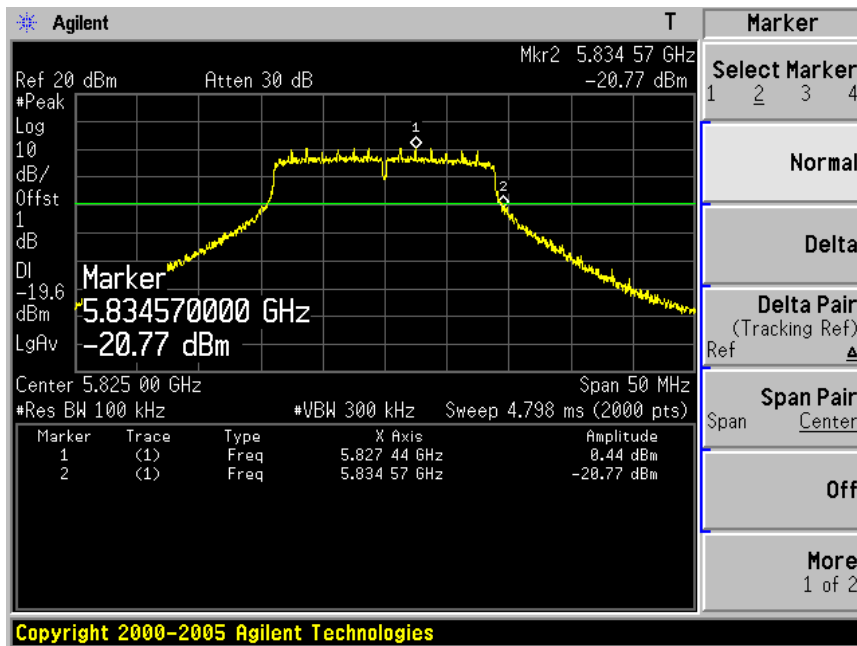
Channel 11 (2462MHz)



Channel 149 (5745MHz)

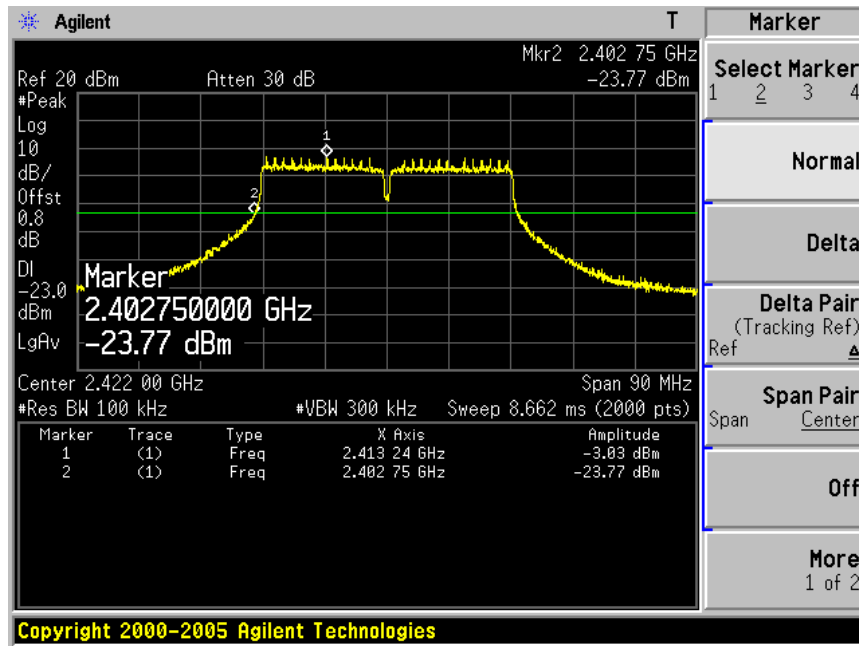


Channel 165 (5825MHz)

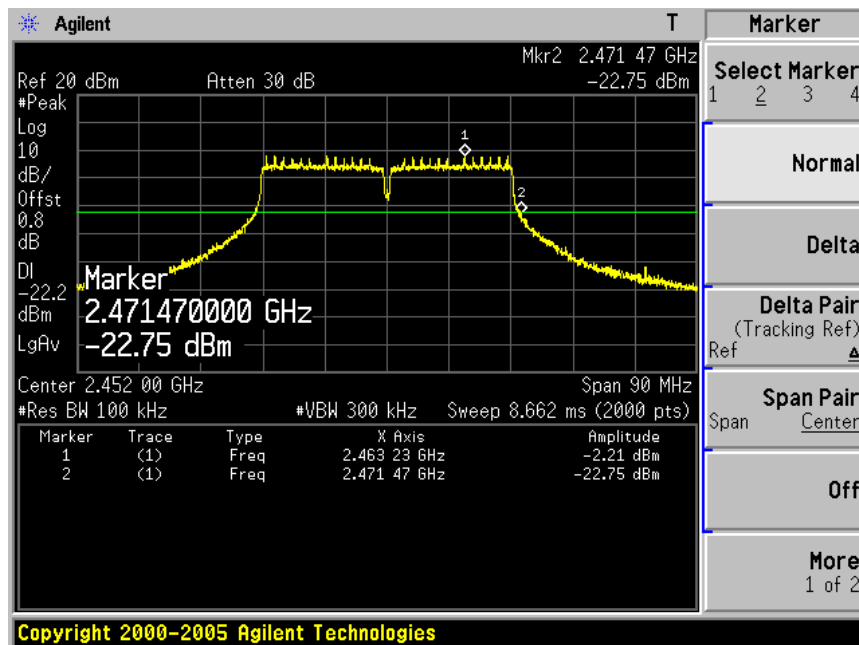


Product	: Wireless LAN access Point
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 5: Transmit by 802.11n (40MHz) (Chain 001)

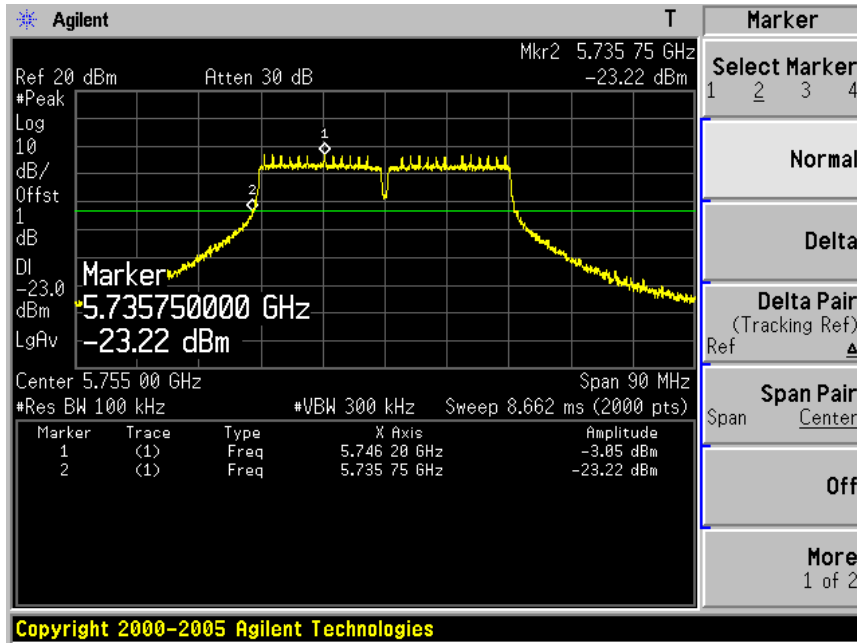
Channel 03 (2422MHz)



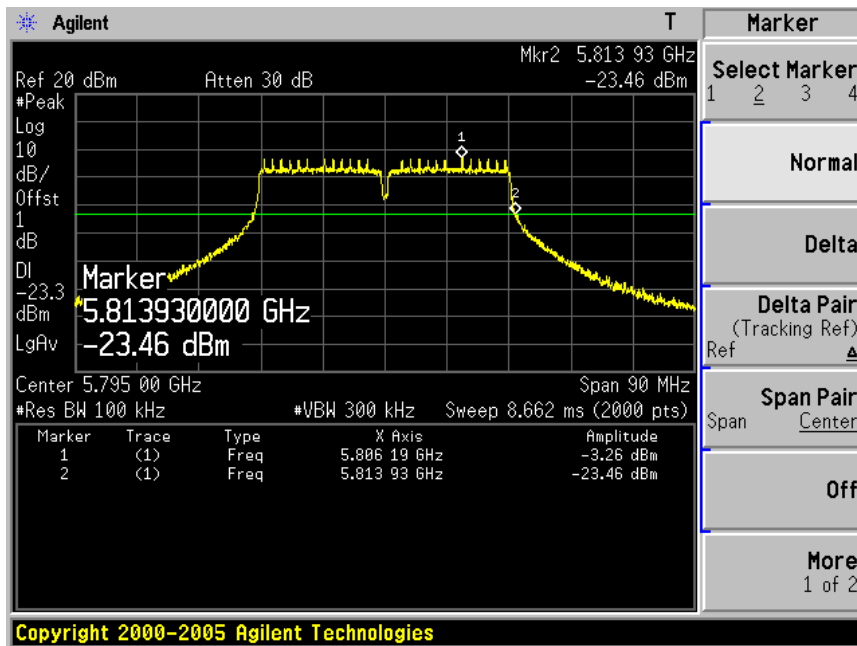
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



8. Occupied Bandwidth

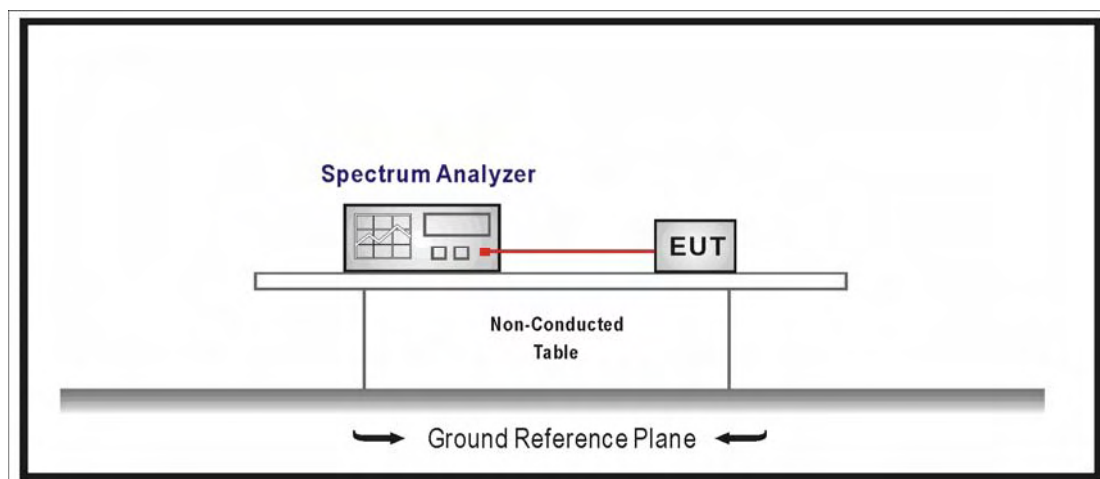
8.1. Test Equipment

Occupied Bandwidth / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2011.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2011.05.04

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

8.2. Test Setup



8.3. Limit

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

8.5. Uncertainty

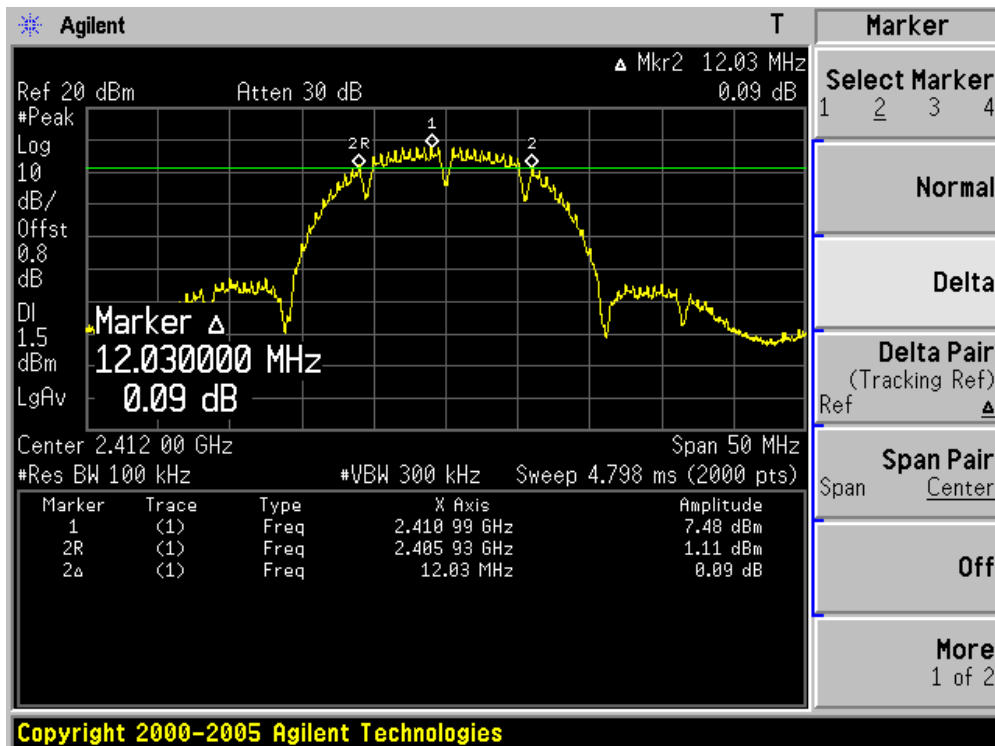
The measurement uncertainty is defined as ± 1 kHz

8.6. Test Result

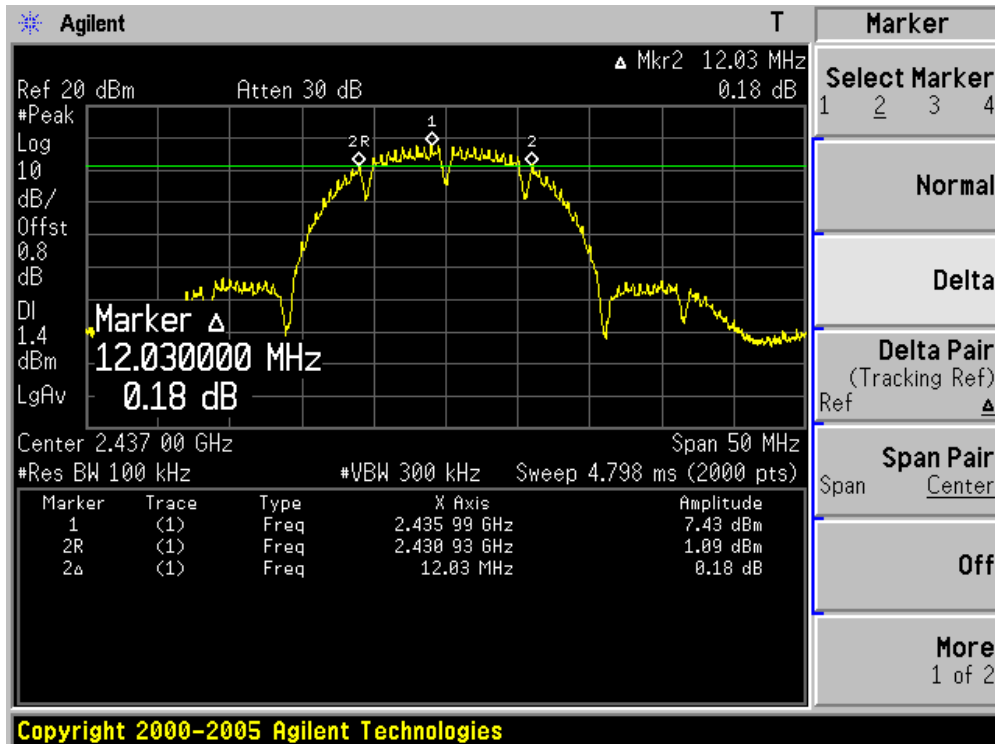
Product	:	Wireless LAN access Point
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 100)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12030	500	Pass
06	2437	12030	500	Pass
11	2462	12010	500	Pass

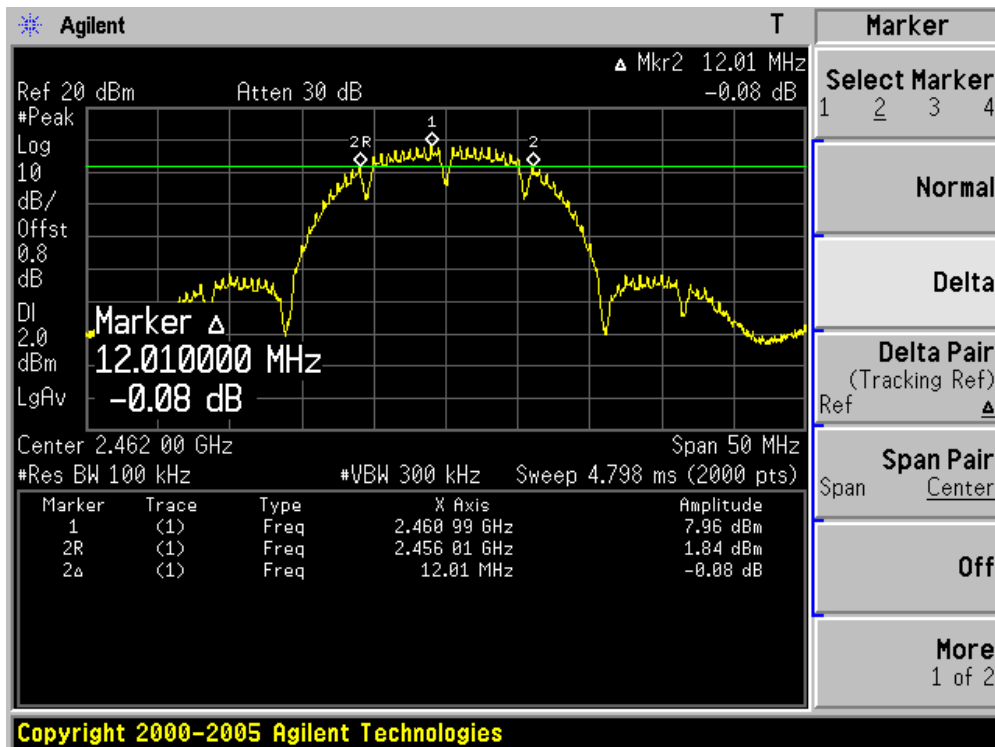
Channel 01 (2412MHz)



Channel 06 (2437MHz)



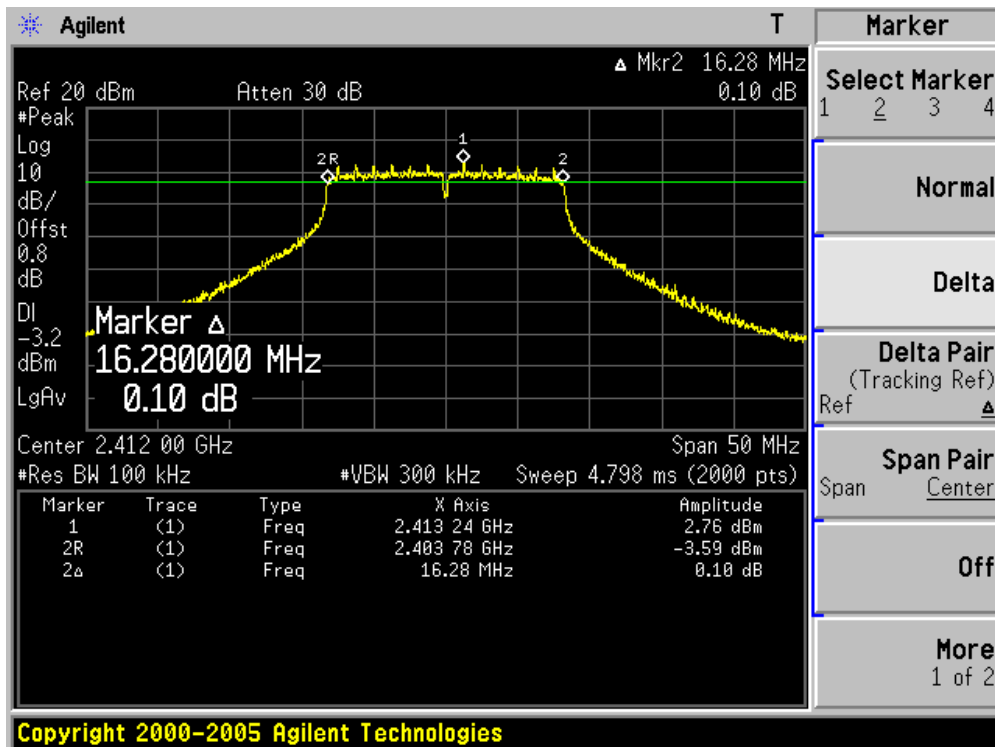
Channel 11 (2462MHz)



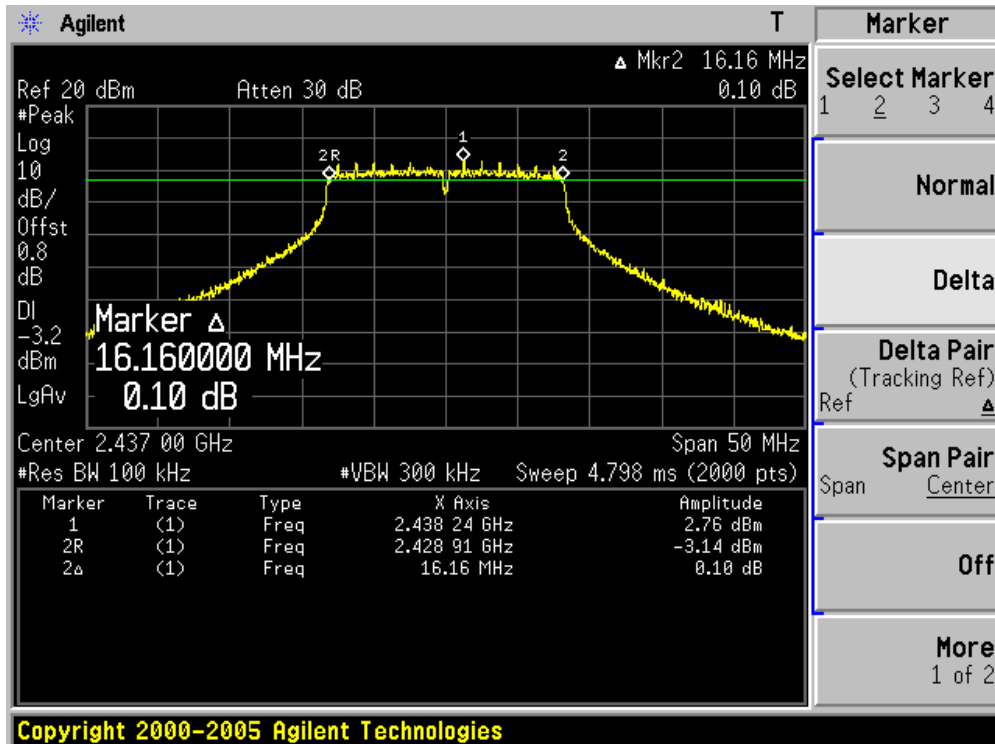
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 100)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16280	500	Pass
06	2437	16160	500	Pass
11	2462	16360	500	Pass

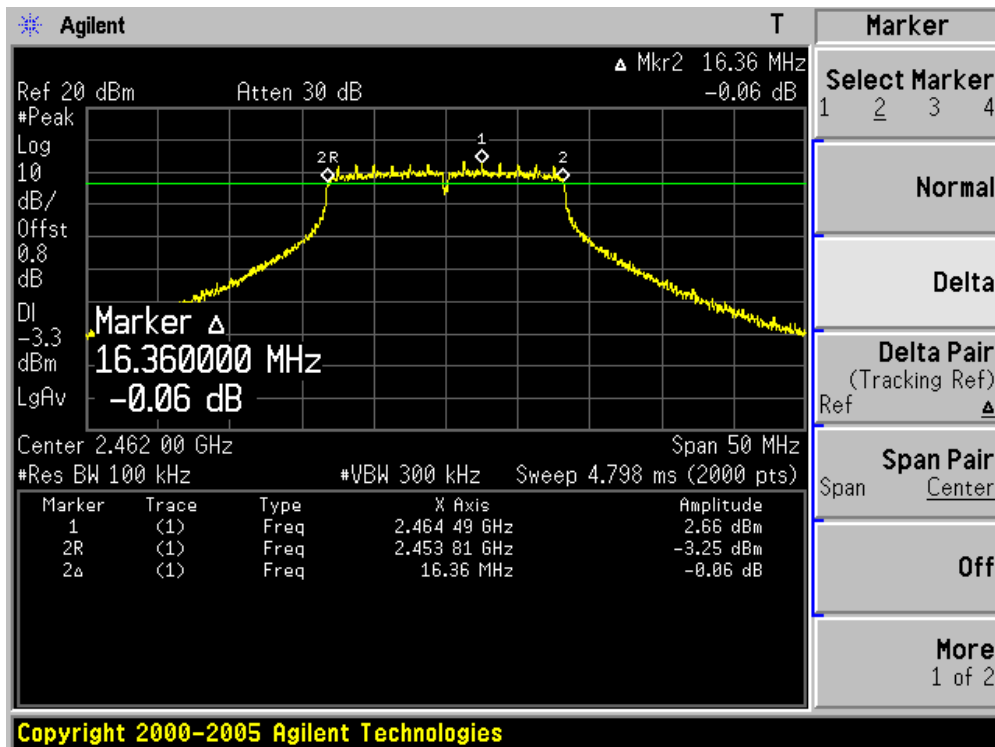
Channel 01 (2412MHz)



Channel 06 (2437MHz)



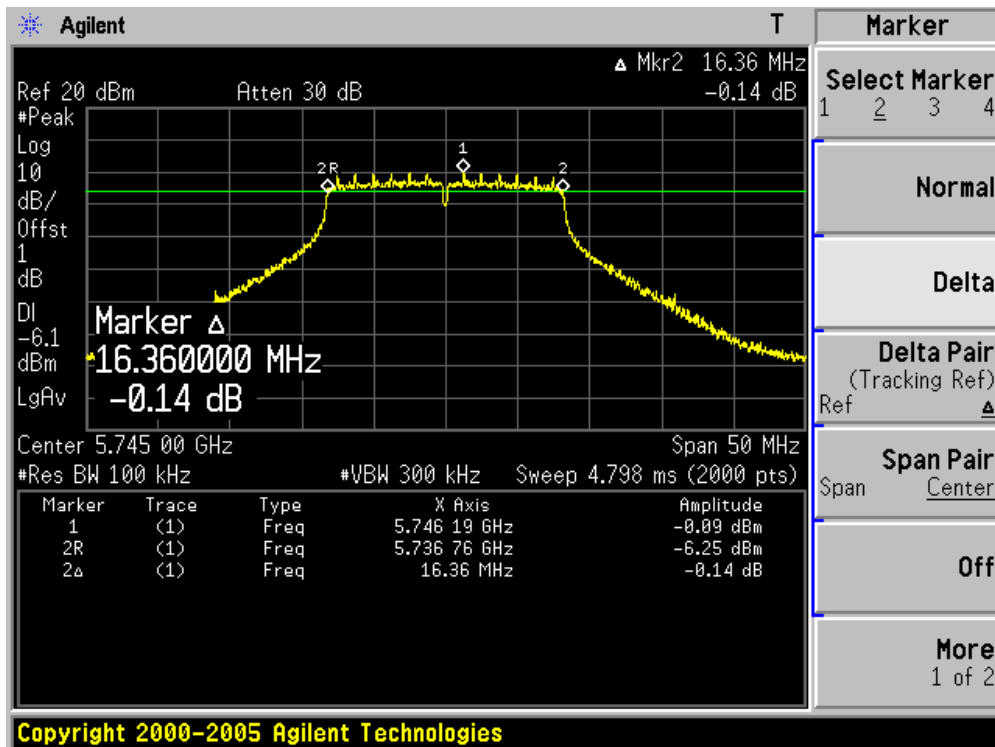
Channel 11 (2462MHz)



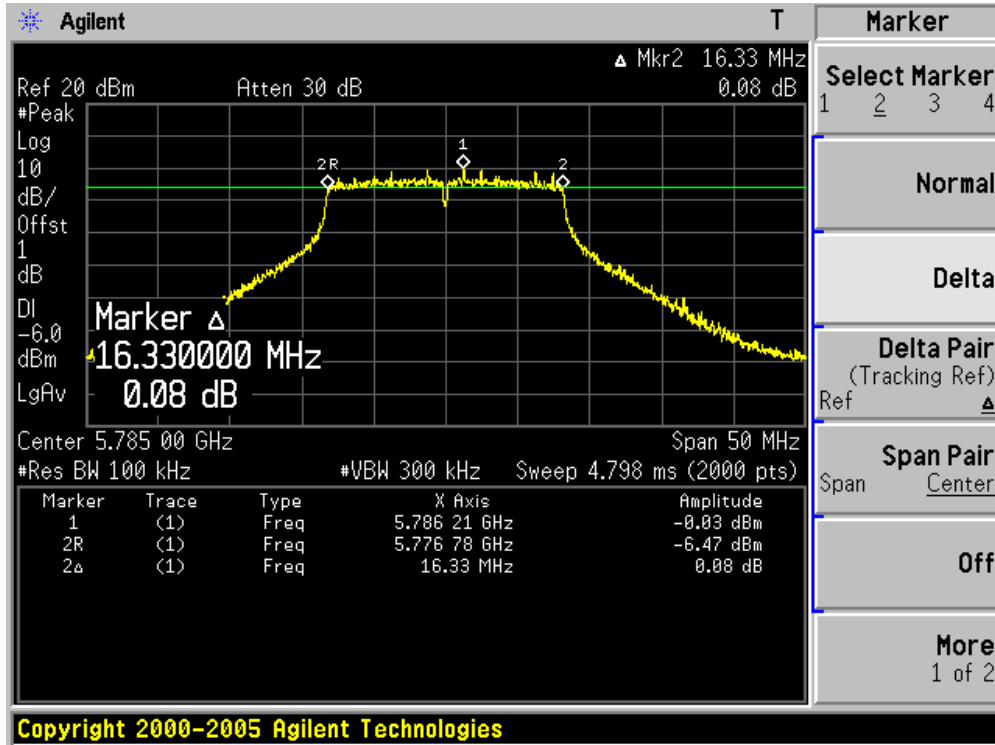
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 3: Transmit by 802.11a (Chain 100)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16360	500	Pass
157	5785	16330	500	Pass
165	5825	16360	500	Pass

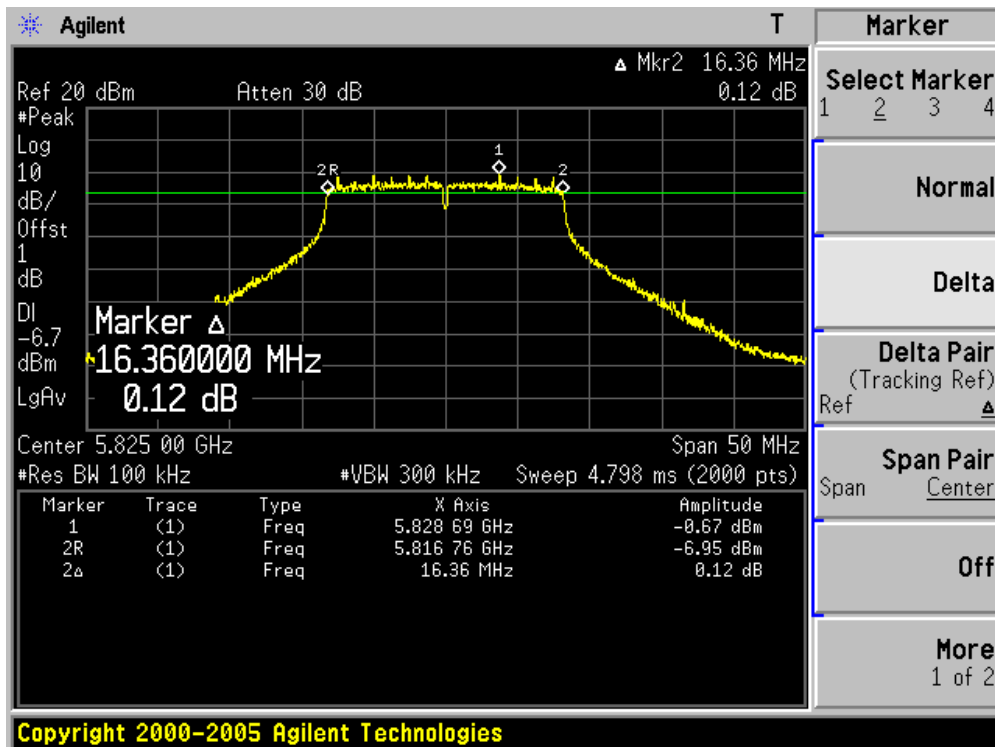
Channel 149 (5745MHz)



Channel 157 (5785MHz)



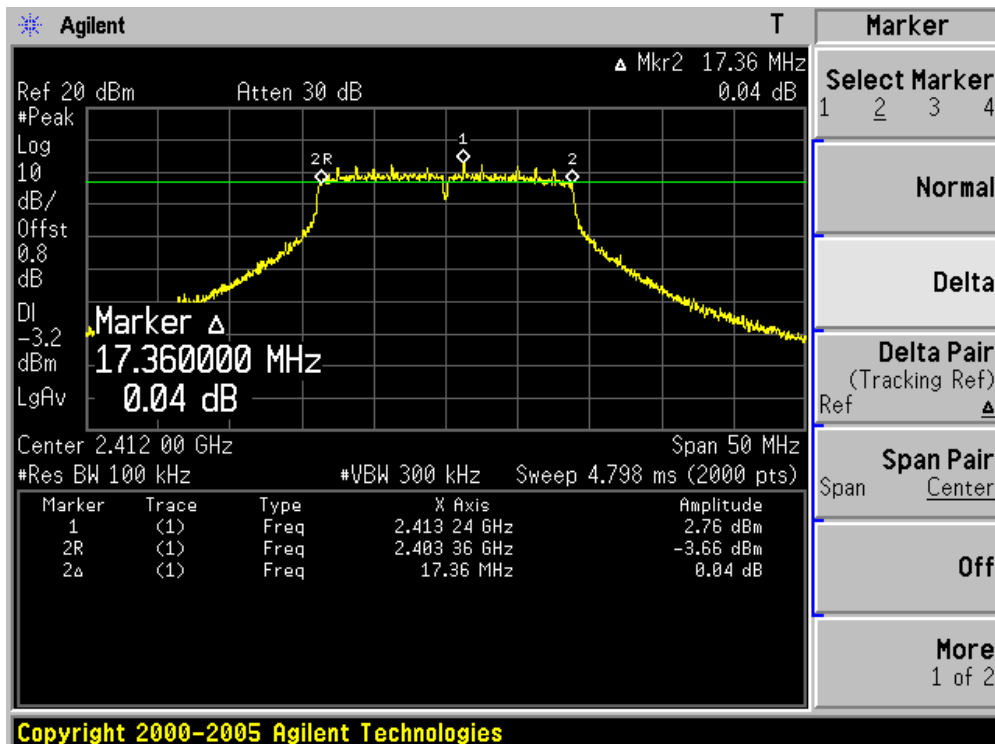
Channel 165 (5825MHz)



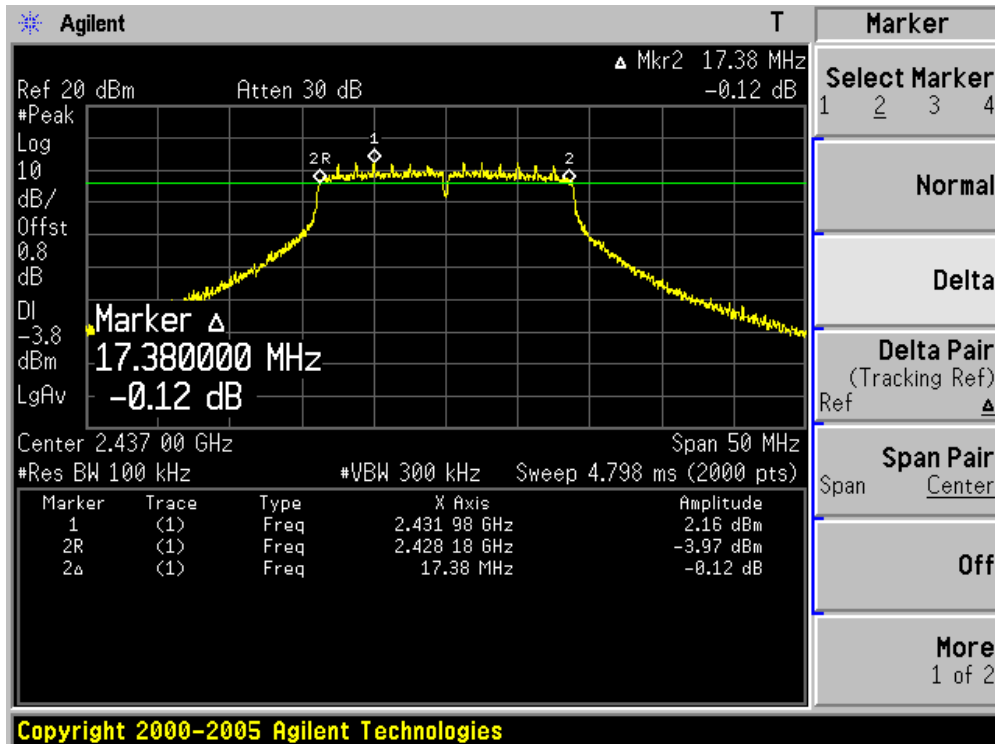
Product	:	Wireless LAN access Point
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 100)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17360	500	Pass
06	2437	17380	500	Pass
11	2462	17480	500	Pass
149	5745	17510	500	Pass
157	5785	17430	500	Pass
165	5825	17160	500	Pass

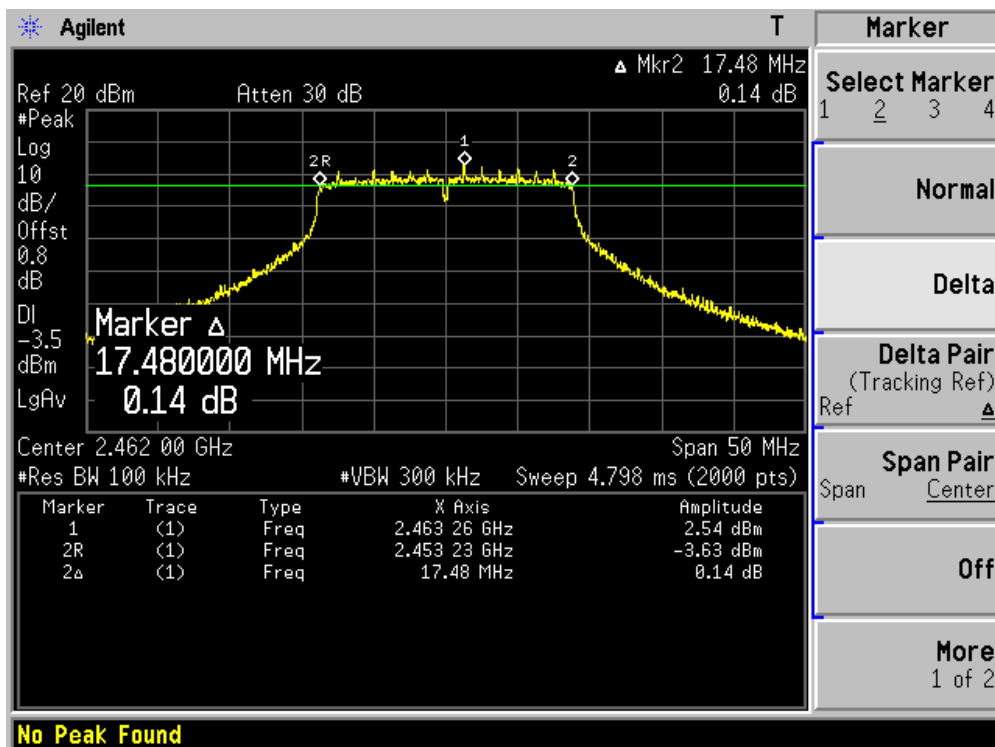
Channel 01 (2412MHz)



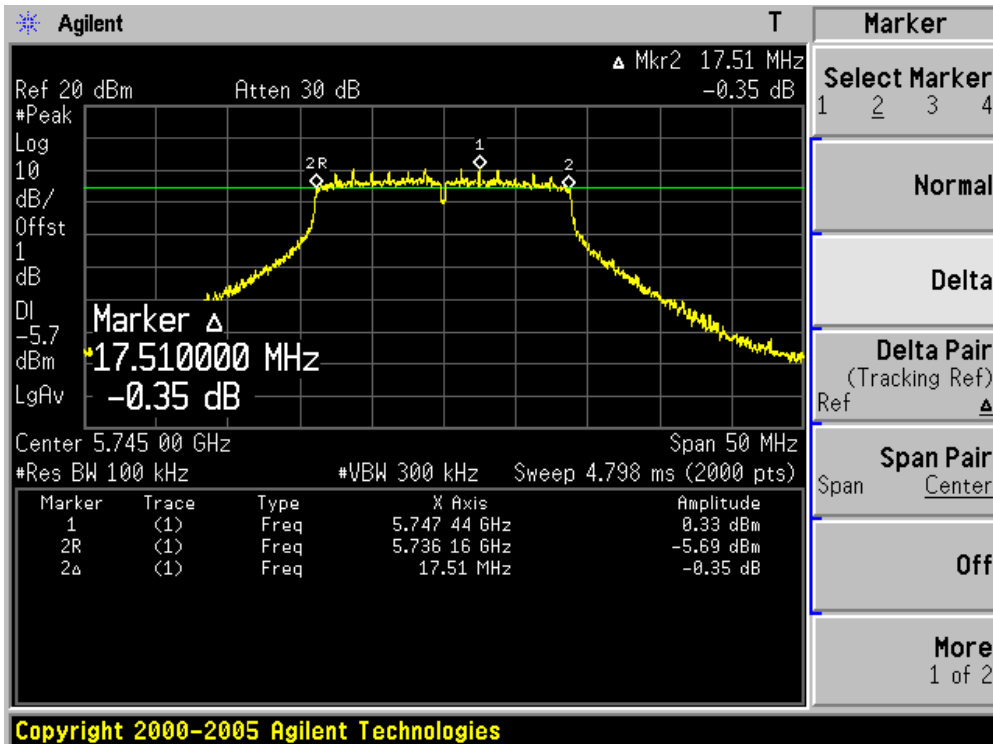
Channel 06 (2437MHz)



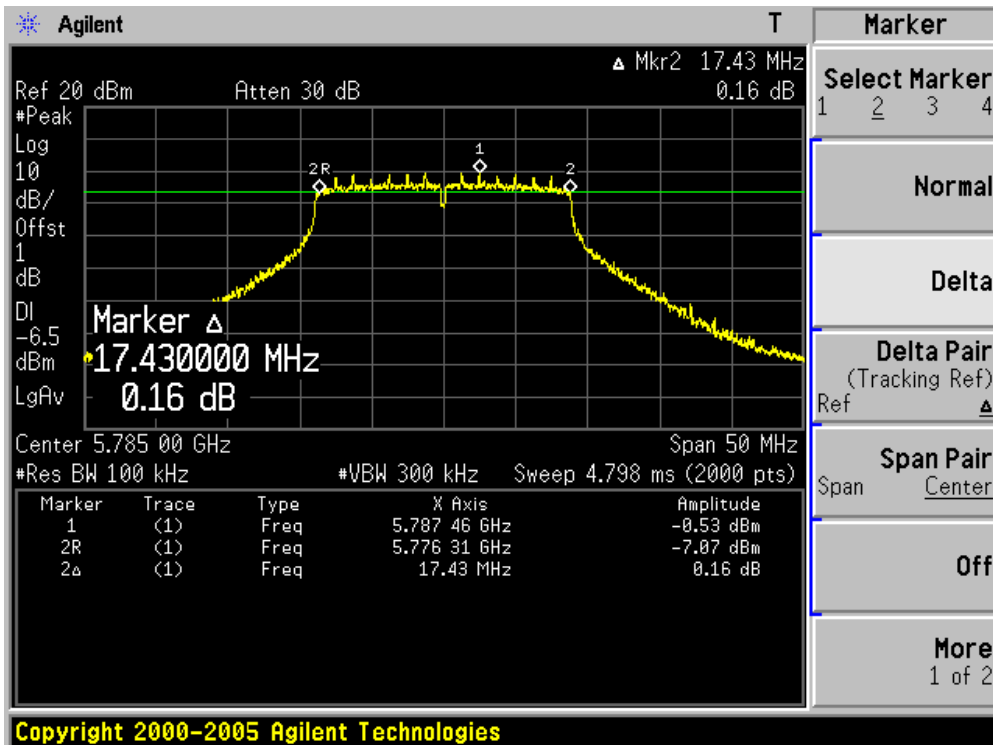
Channel 11 (2462MHz)



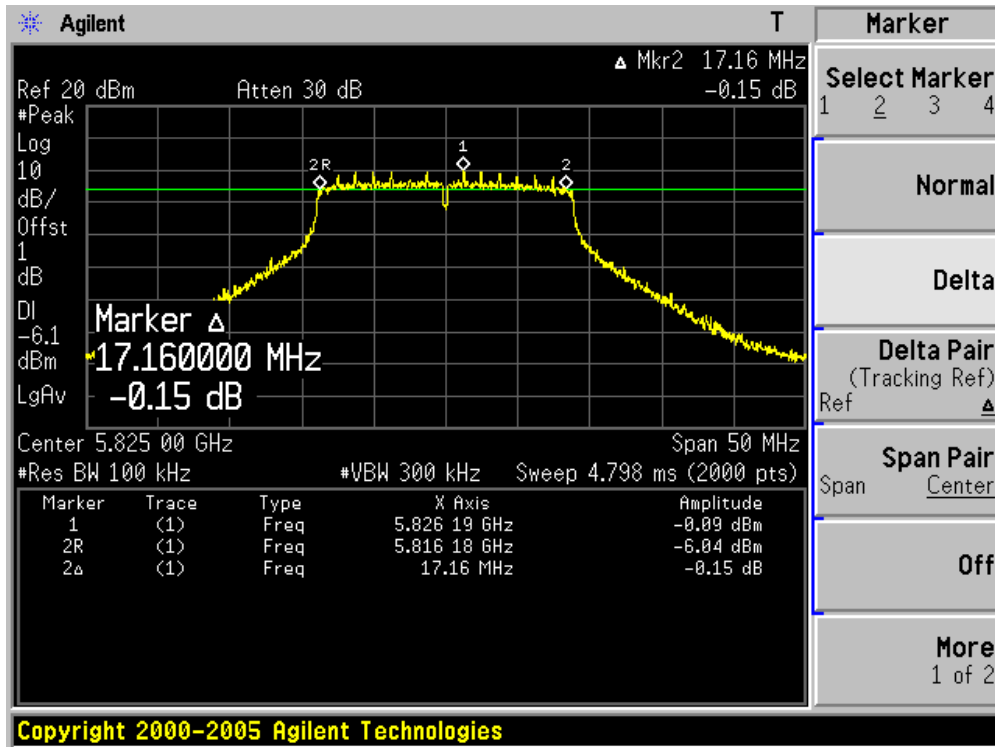
Channel 149 (5745MHz)



Channel 157 (5785MHz)



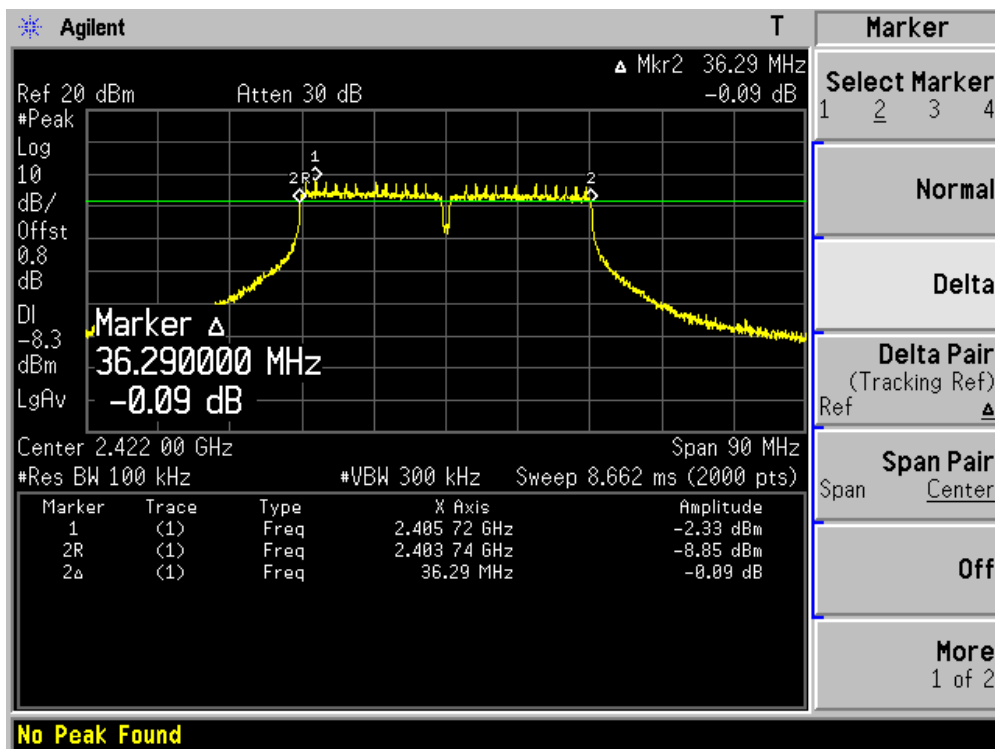
Channel 165 (5825MHz)



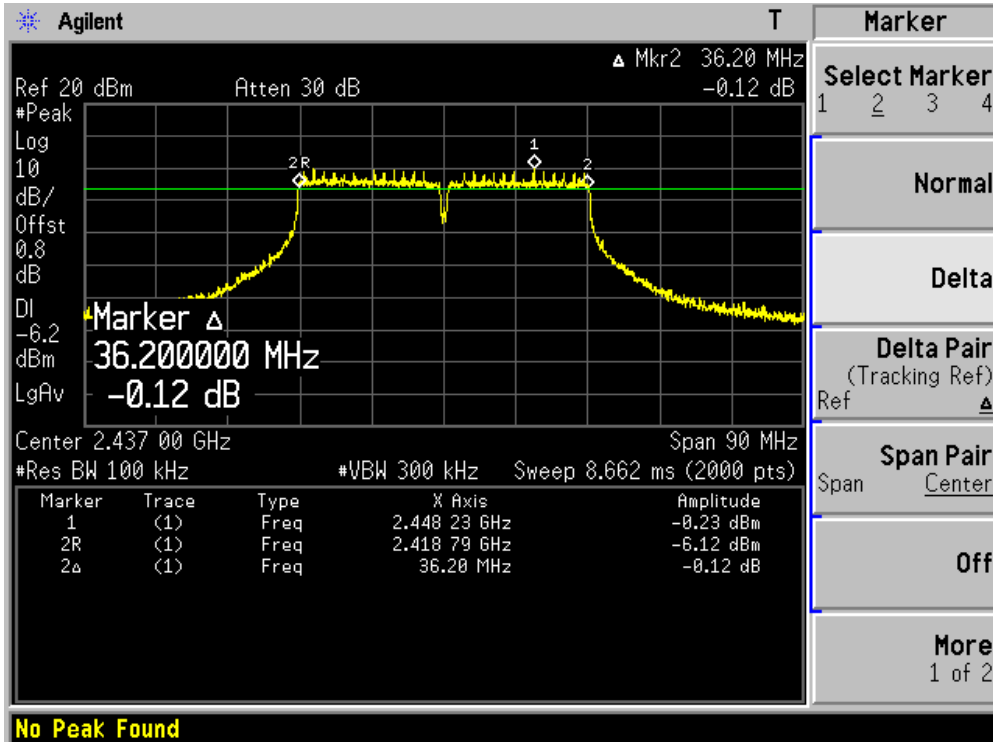
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 5: Transmit by 802.11n (40MHz) (Chain 100)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	36290	500	Pass
06	2437	36200	500	Pass
09	2452	36060	500	Pass
151	5755	36380	500	Pass
159	5795	36470	500	Pass

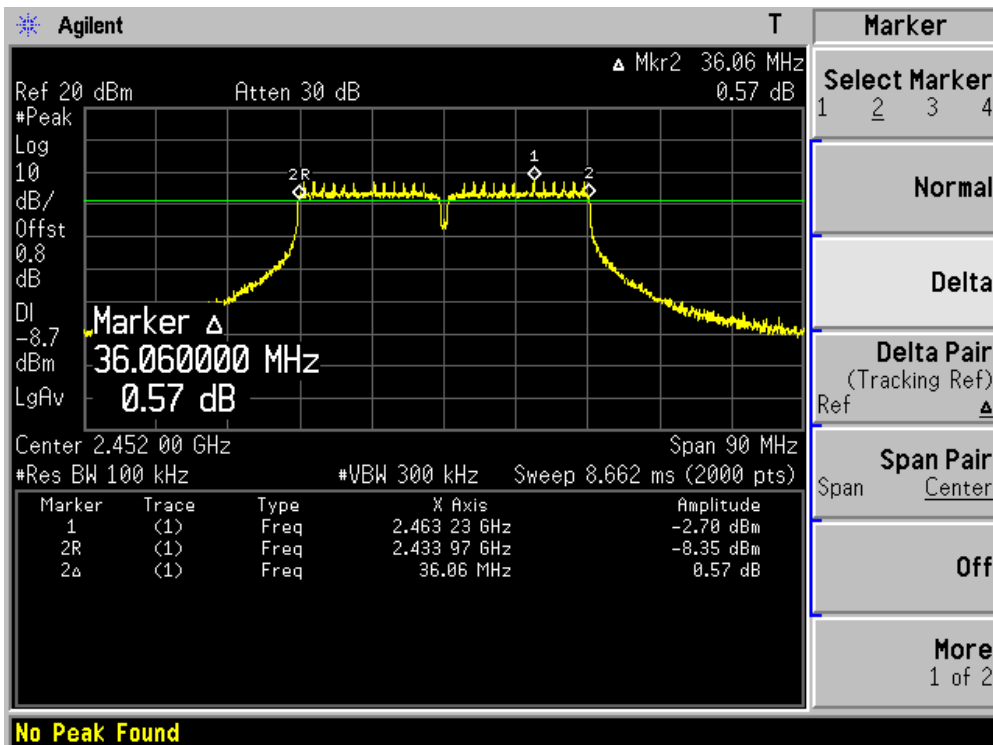
Channel 03 (2422MHz)



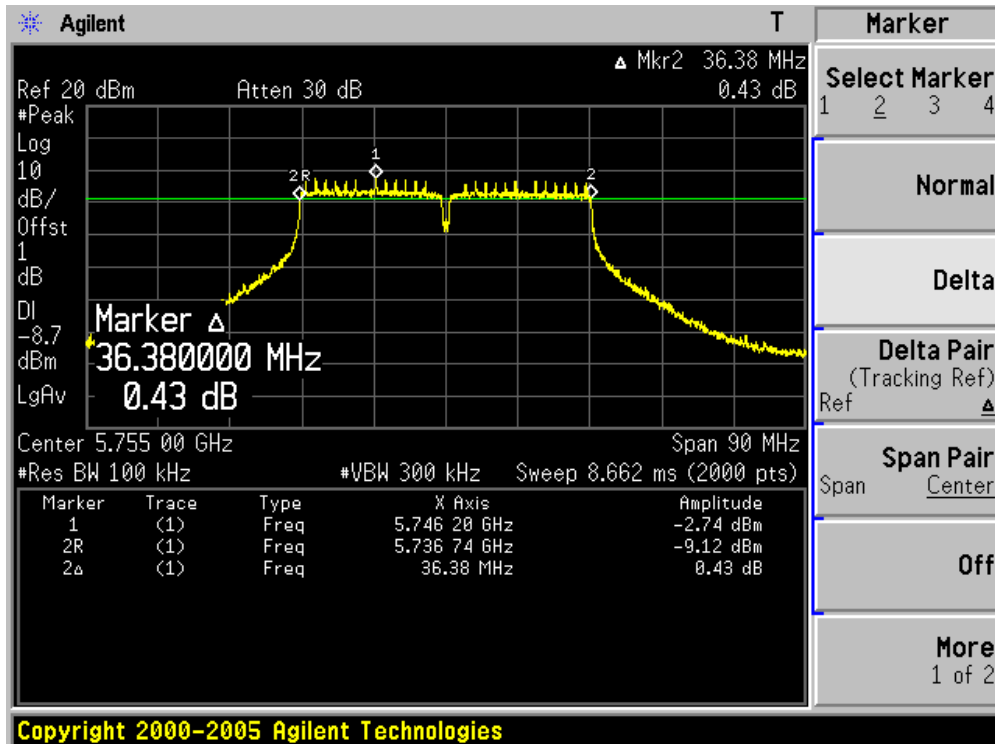
Channel 06 (2437MHz)



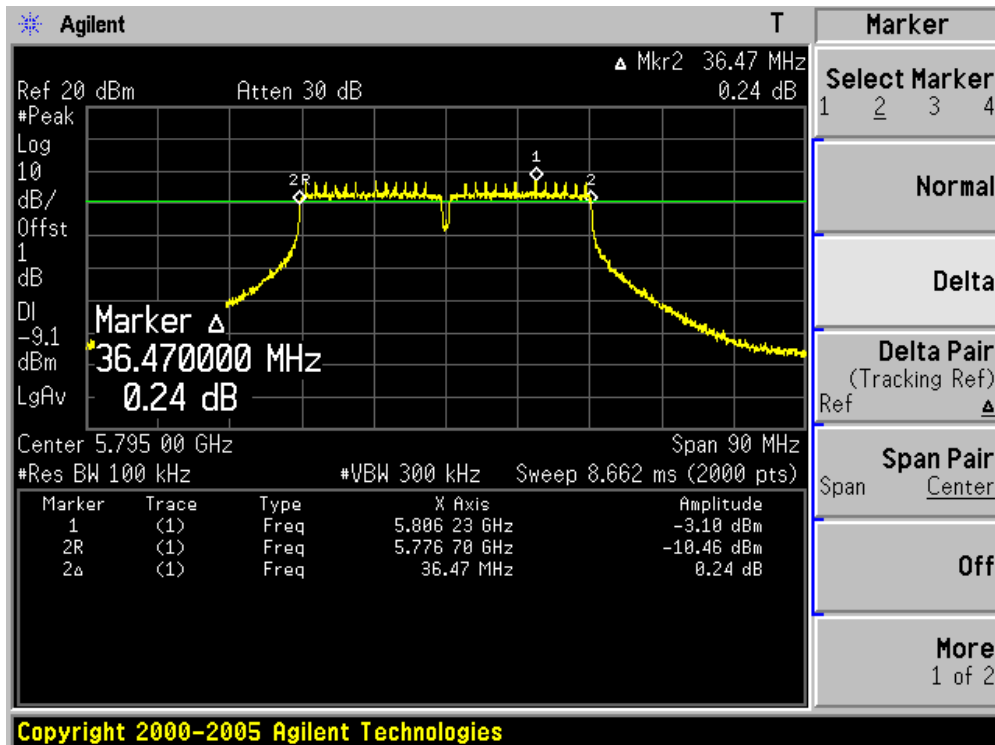
Channel 09 (2452MHz)



Channel 151 (5755MHz)



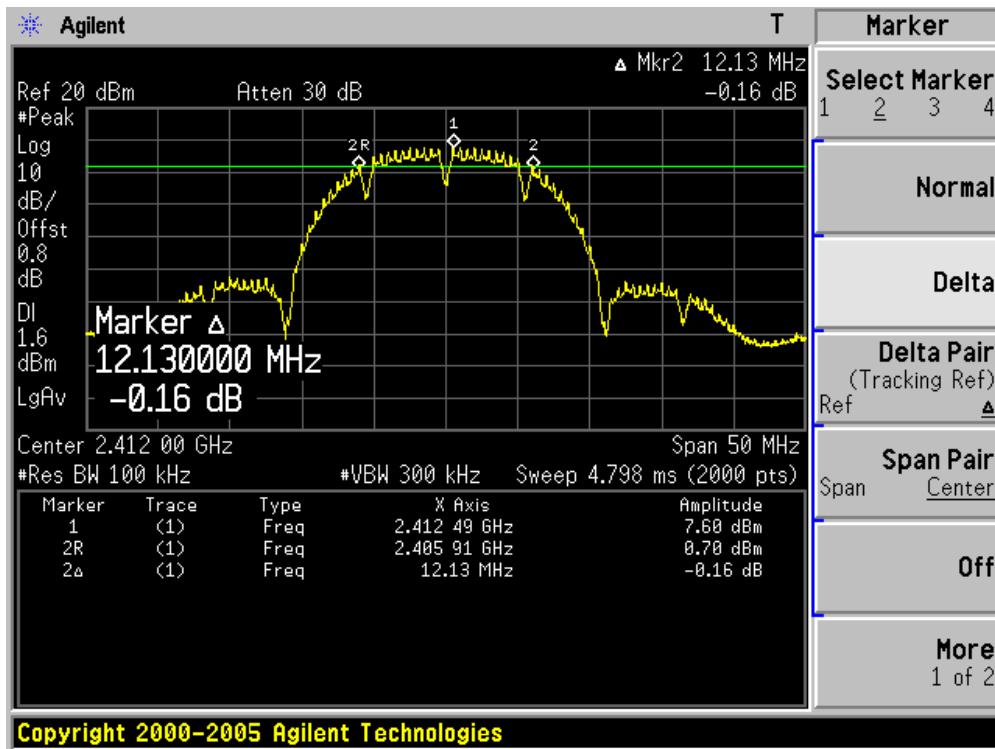
Channel 159 (5795MHz)



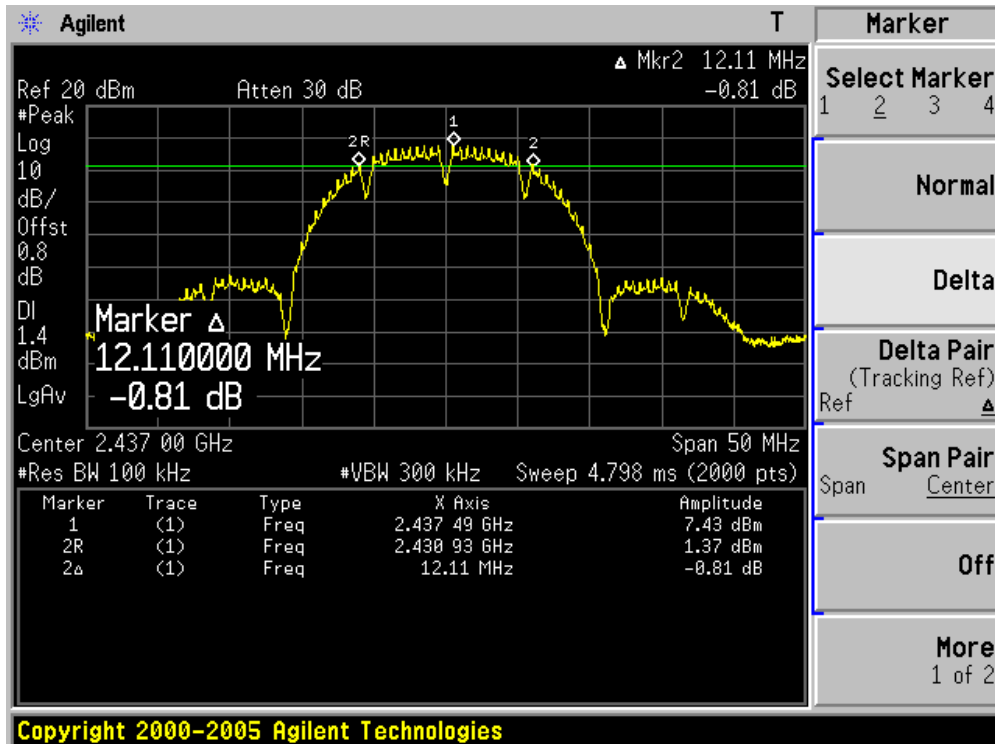
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 001)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12130	500	Pass
06	2437	12110	500	Pass
11	2462	12030	500	Pass

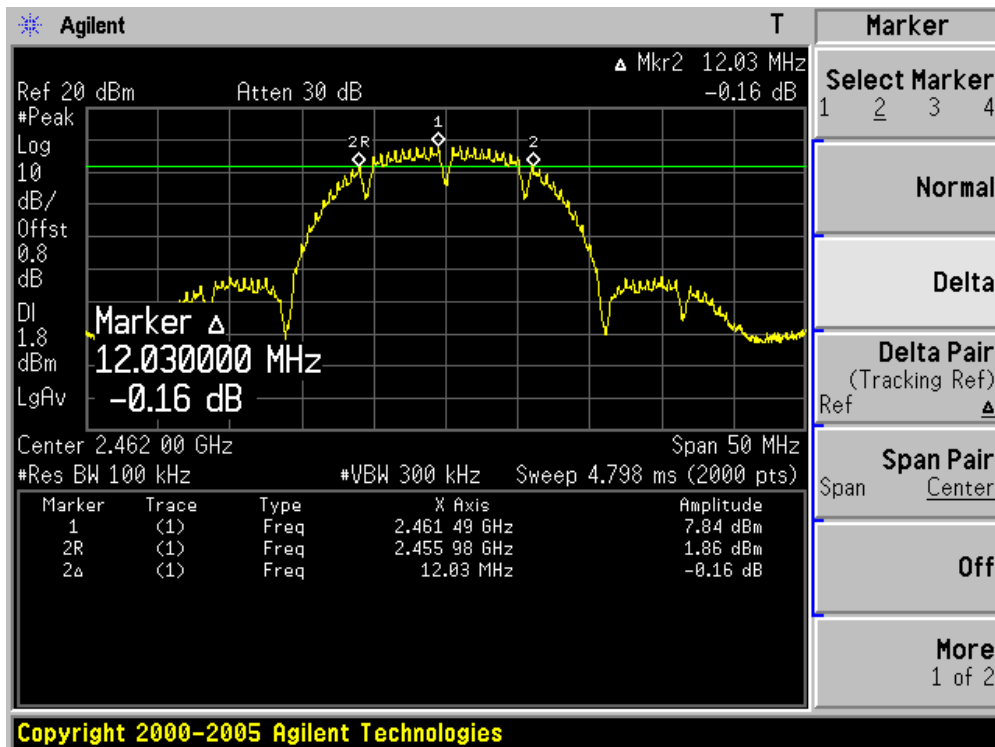
Channel 01 (2412MHz)



Channel 06 (2437MHz)



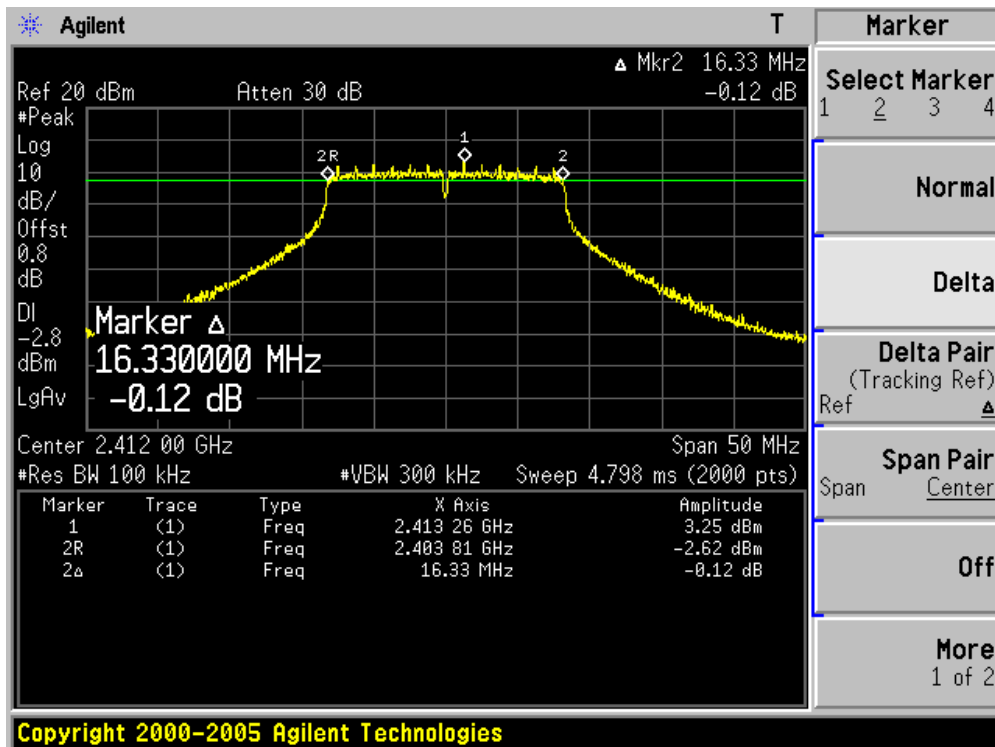
Channel 11 (2462MHz)



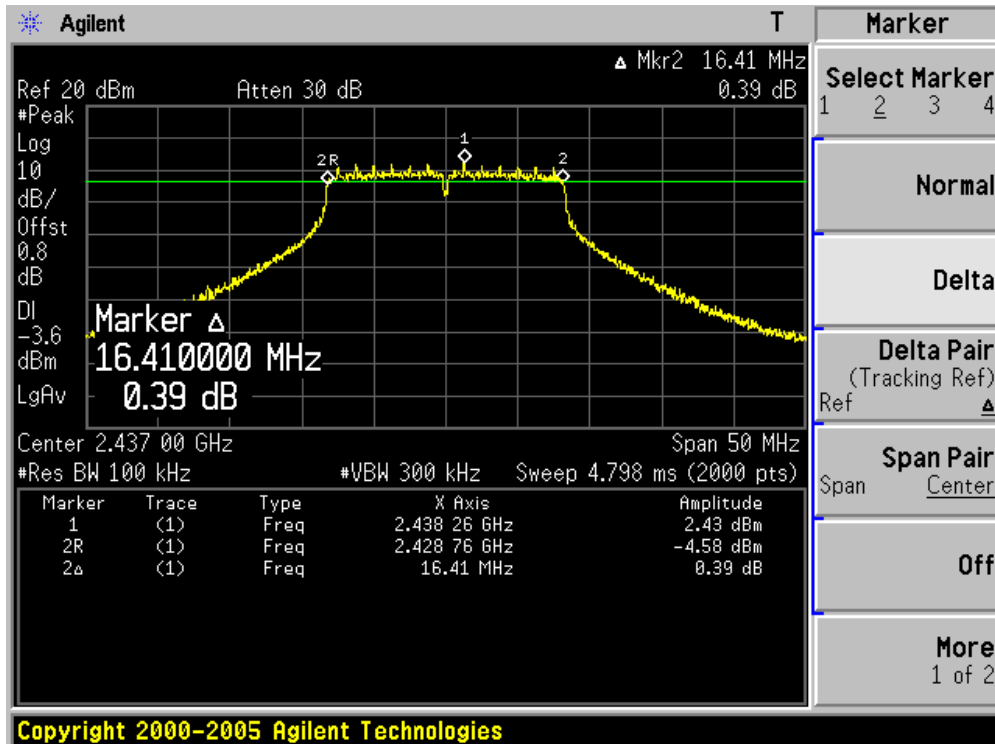
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 001)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16330	500	Pass
06	2437	16410	500	Pass
11	2462	16360	500	Pass

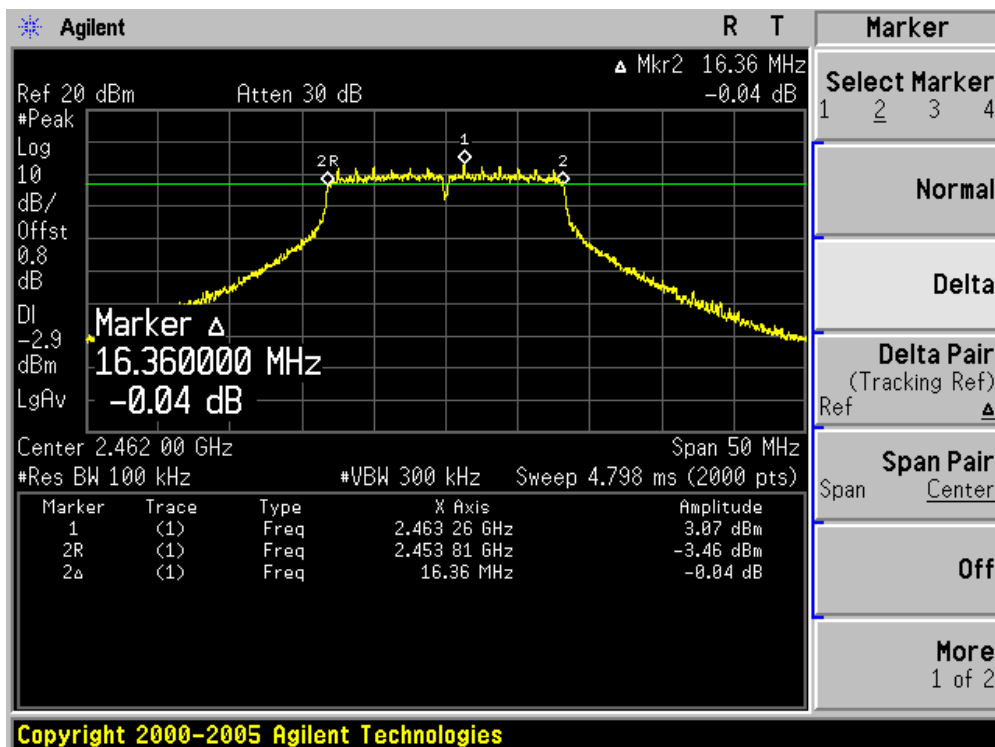
Channel 01 (2412MHz)



Channel 06 (2437MHz)



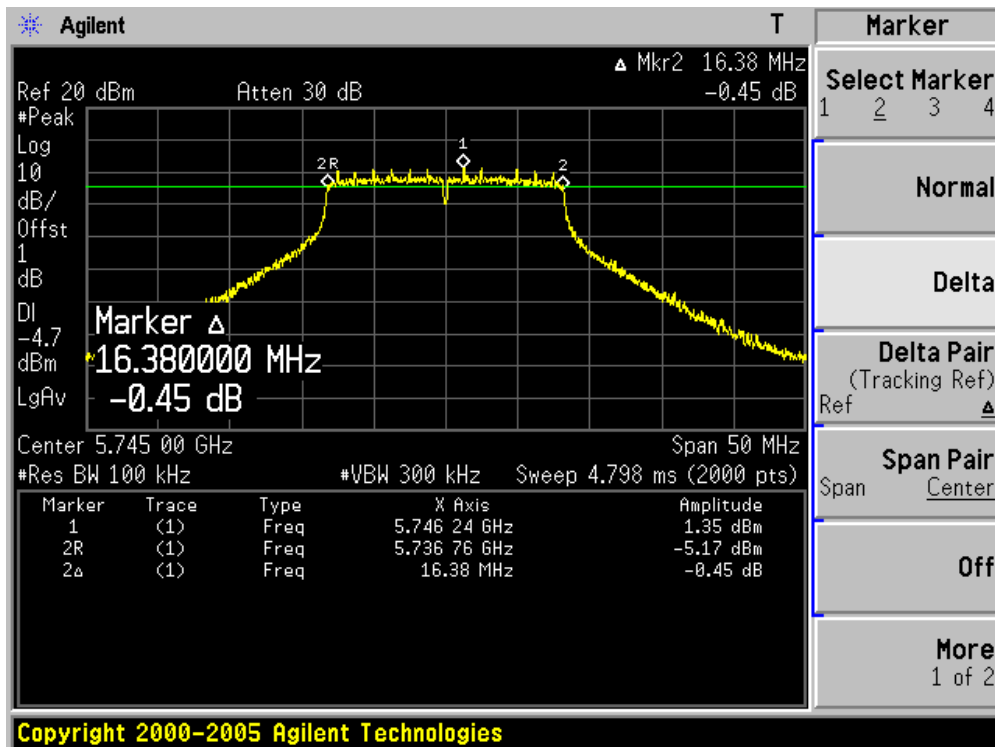
Channel 11 (2462MHz)



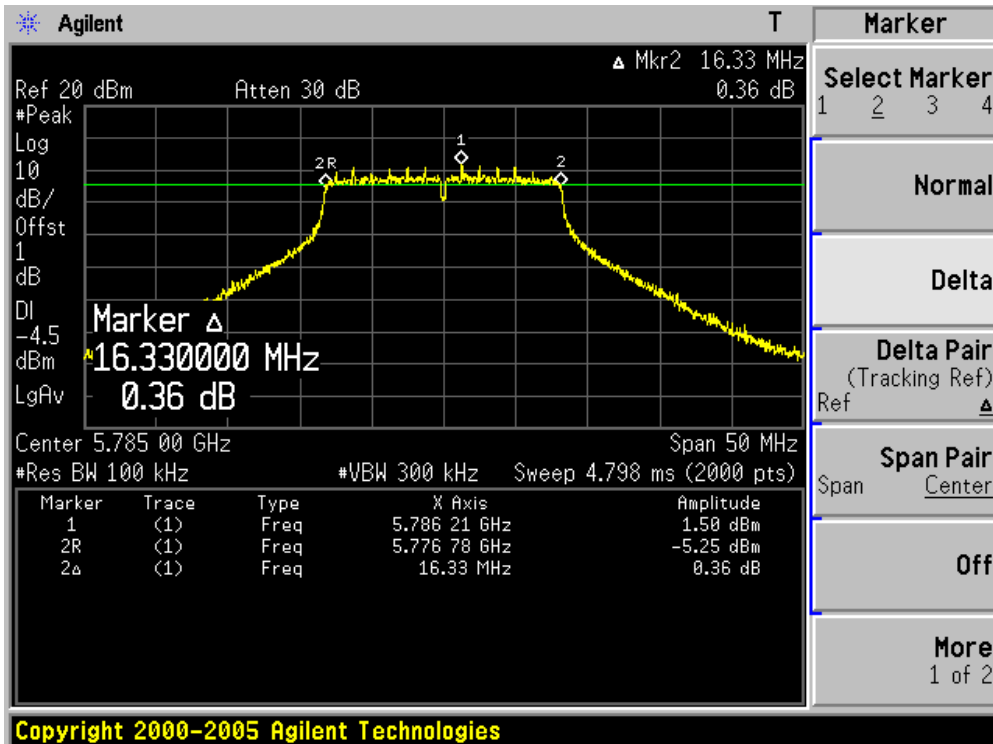
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 3: Transmit by 802.11a (Chain 001)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16380	500	Pass
157	5785	16330	500	Pass
165	5825	16360	500	Pass

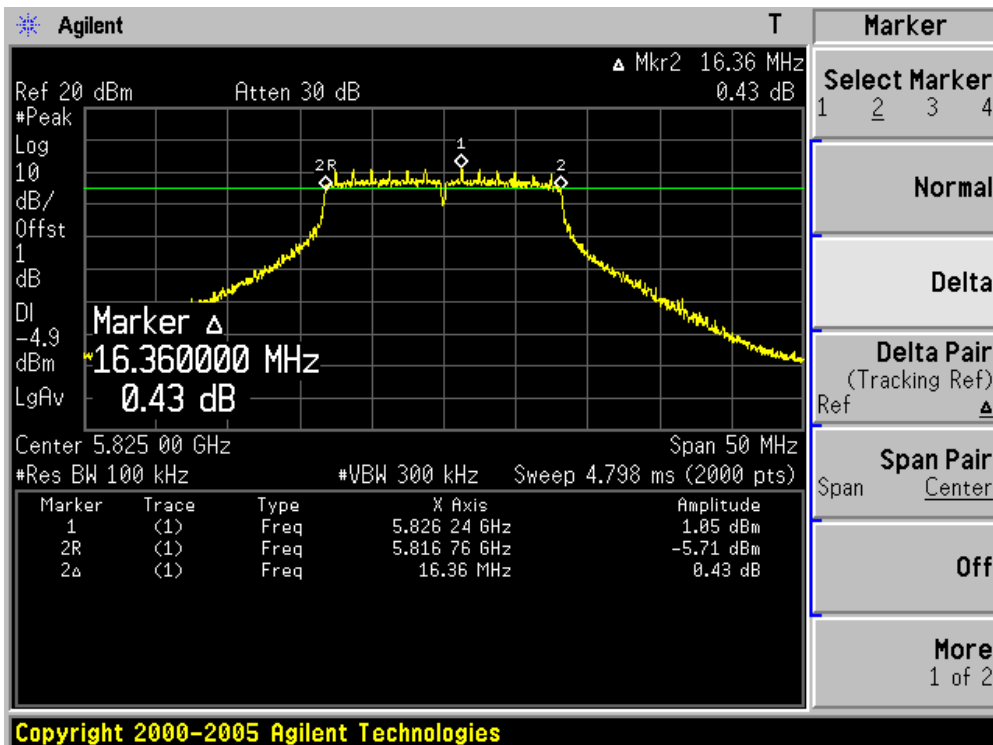
Channel 149 (5745MHz)



Channel 157 (5785MHz)



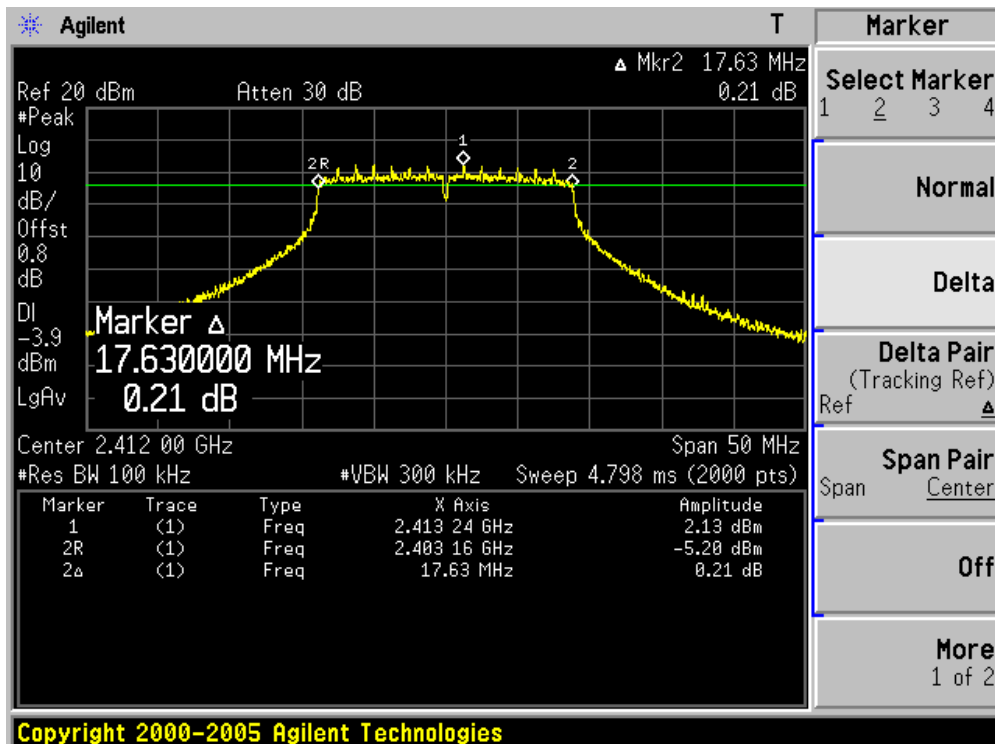
Channel 165 (5825MHz)



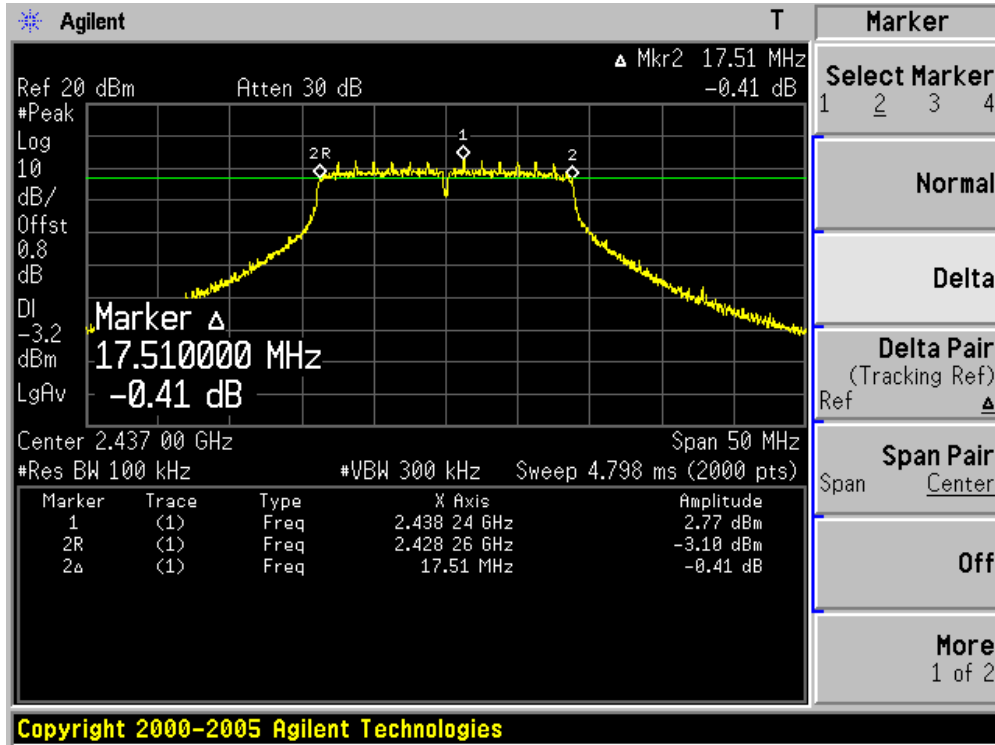
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 4: Transmit by 802.11n (20MHz) (Chain 001)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17630	500	Pass
06	2437	17510	500	Pass
11	2462	17610	500	Pass
149	5745	16960	500	Pass
157	5785	17330	500	Pass
165	5825	17610	500	Pass

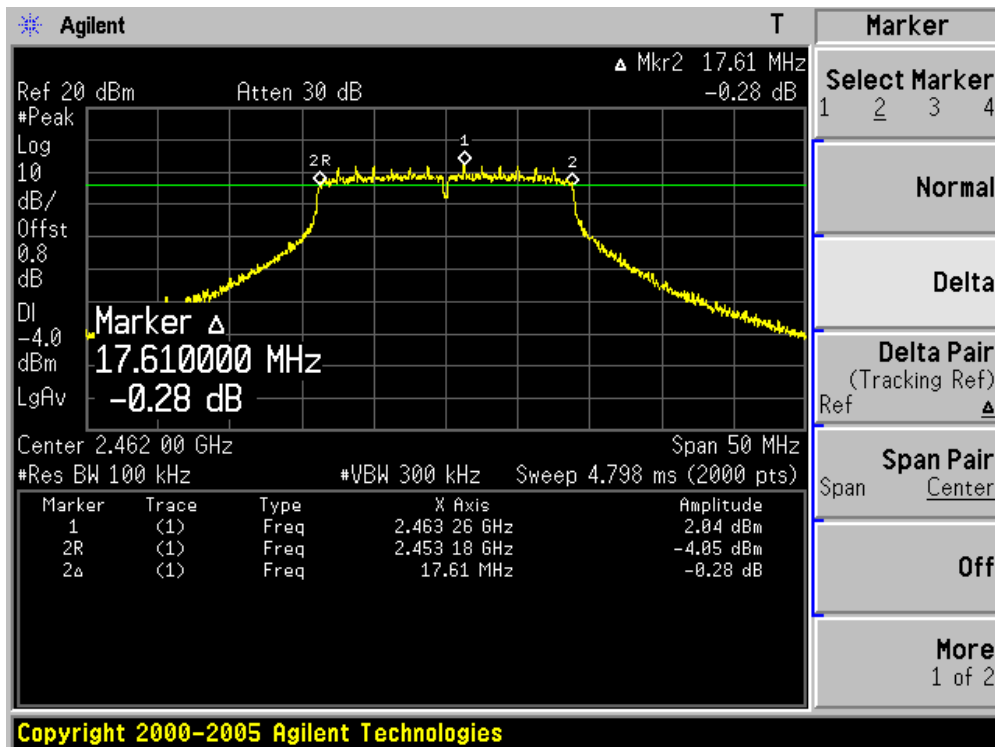
Channel 01 (2412MHz)



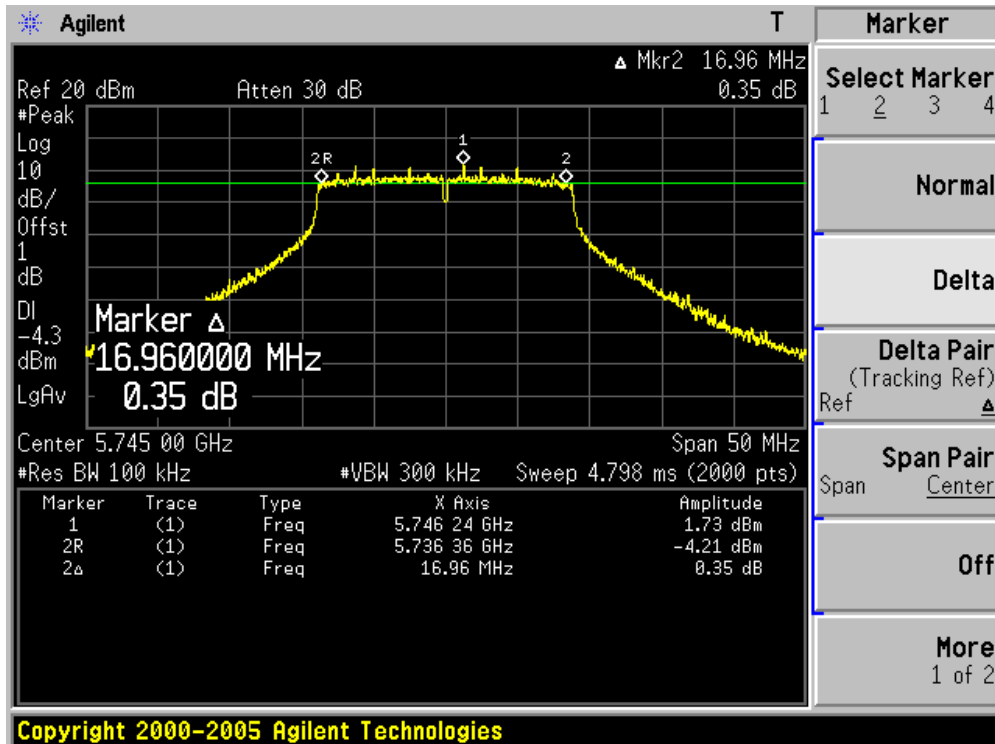
Channel 06 (2437MHz)



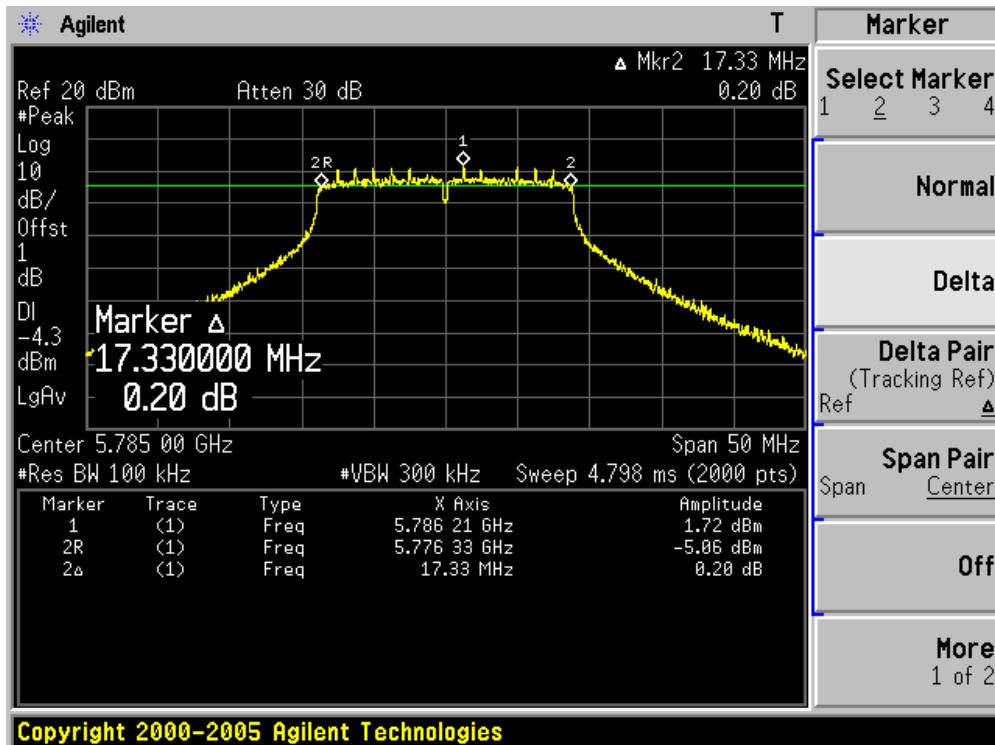
Channel 11 (2462MHz)



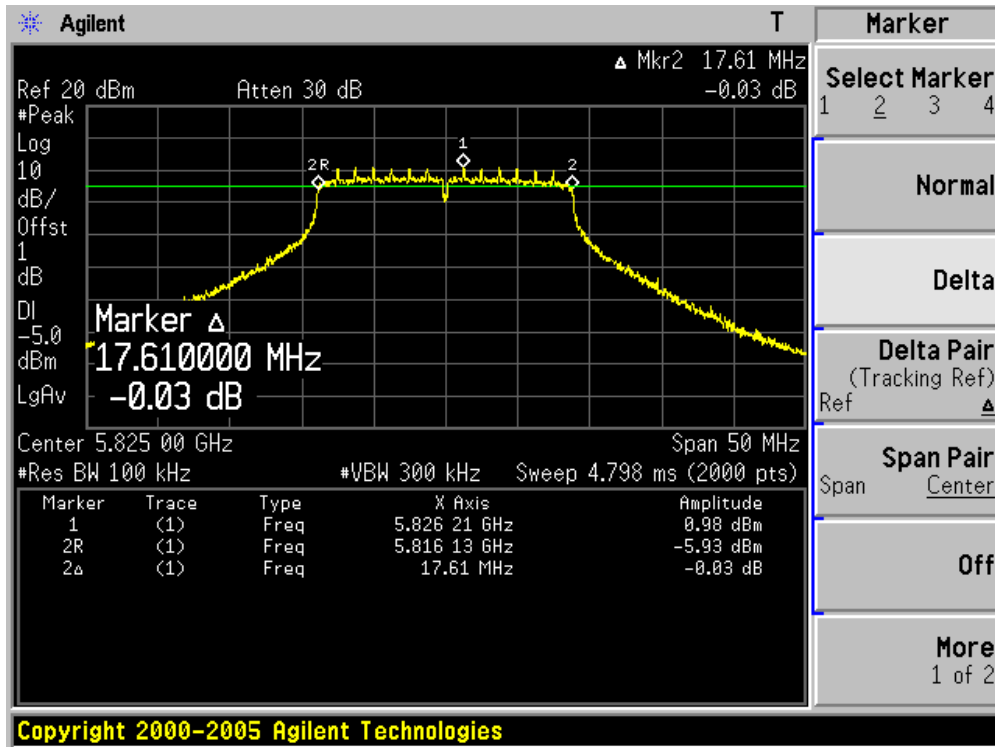
Channel 149 (5745MHz)



Channel 157 (5785MHz)



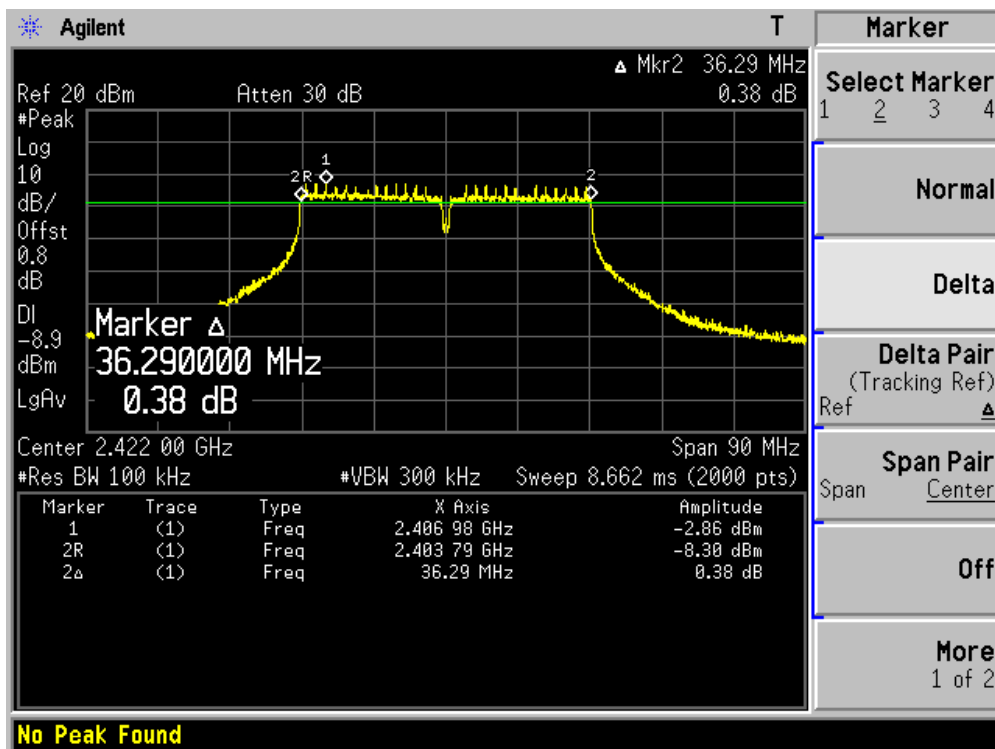
Channel 165 (5825MHz)



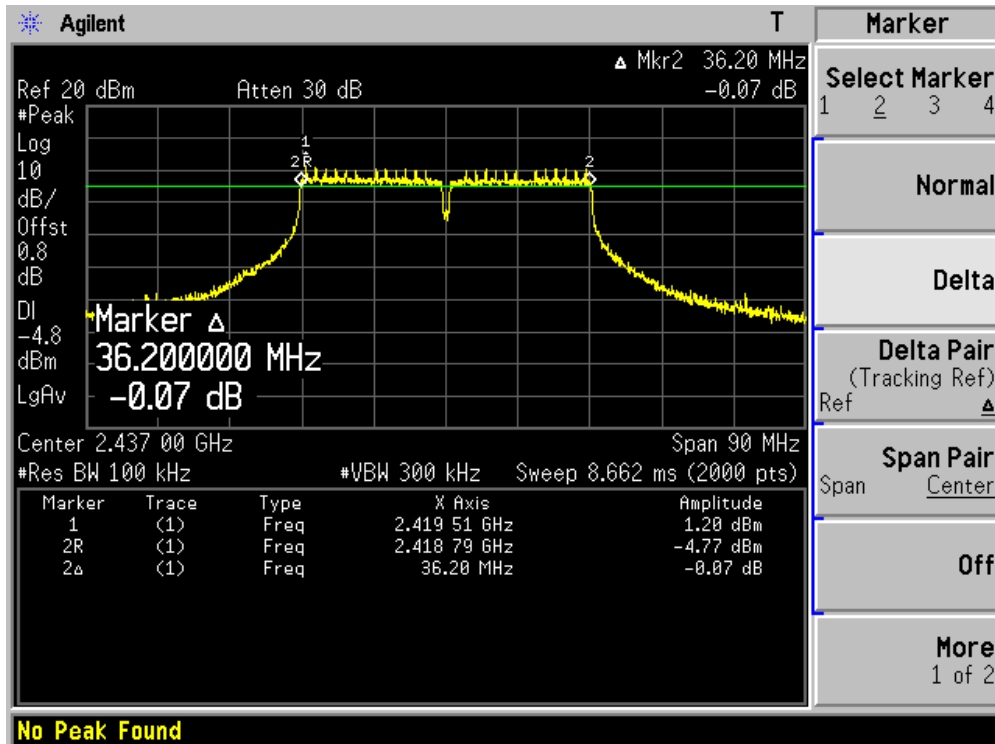
Product	:	Wireless LAN access Point
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 001)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	36290	500	Pass
06	2437	36200	500	Pass
09	2452	36380	500	Pass
151	5755	36380	500	Pass
159	5795	36420	500	Pass

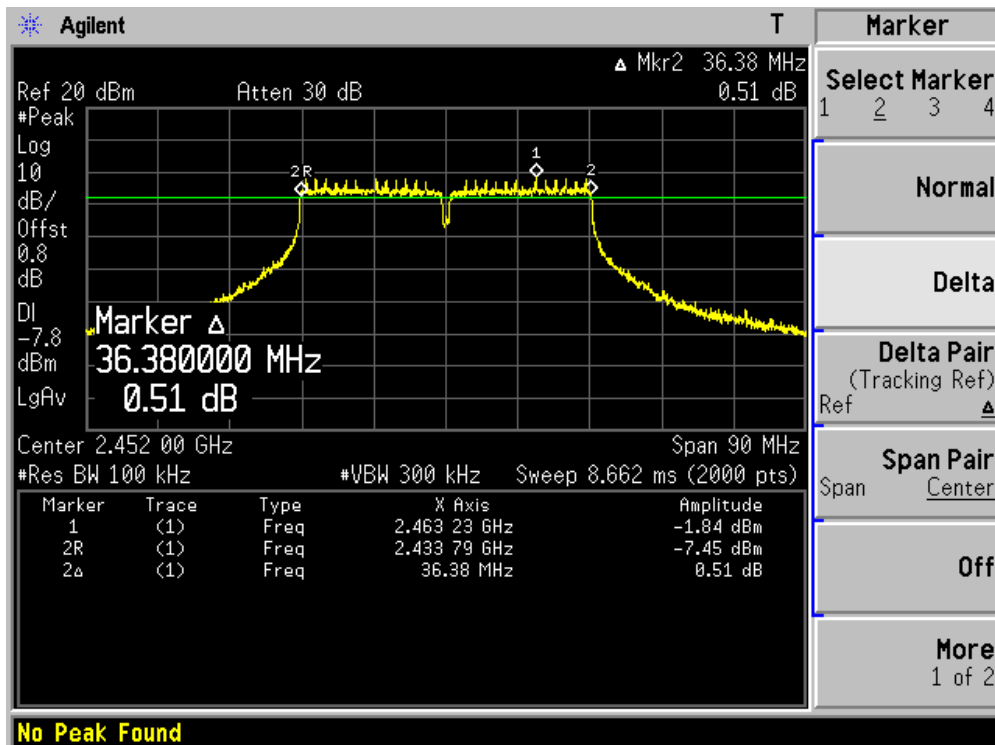
Channel 03 (2422MHz)



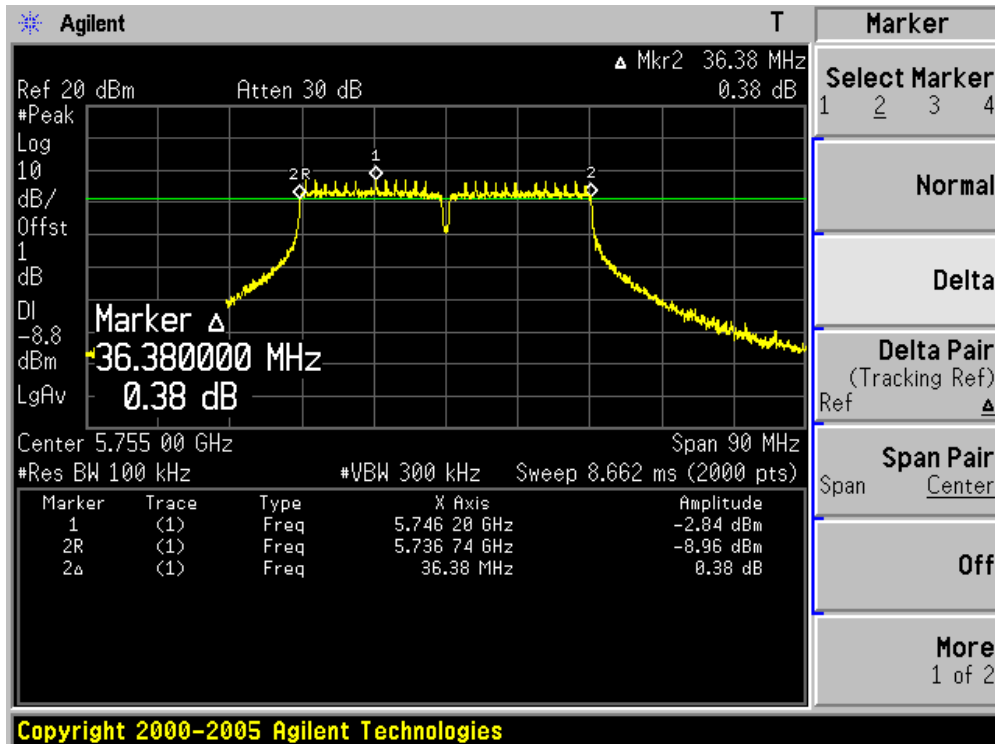
Channel 06 (2437MHz)



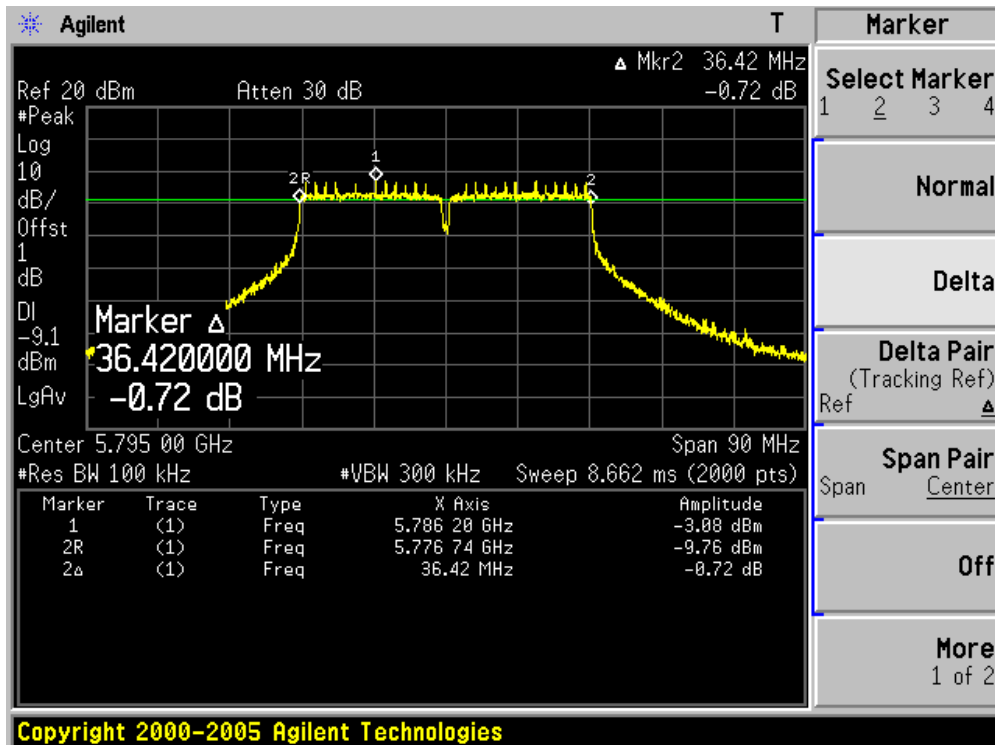
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



9. Power Output

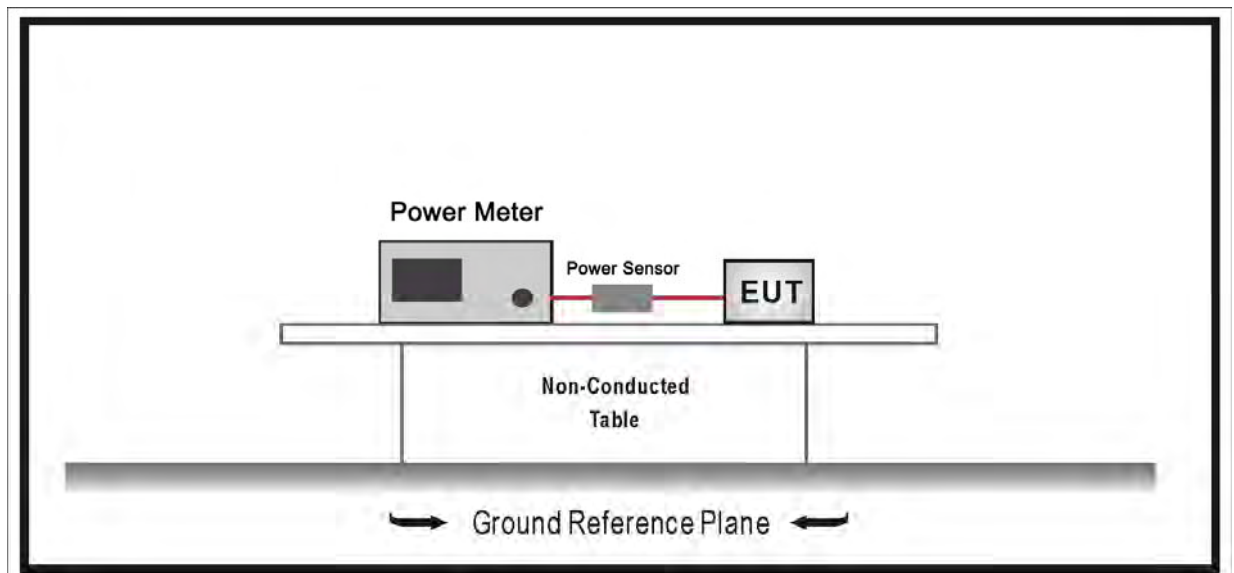
9.1. Test Equipment

Power Output / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2012.01.12
Power Sensor	Anritsu	MA2411B	0846014	2012.01.12
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2011.05.04

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

9.2. Test Setup



9.3. Limit

The maximum peak power shall be less 1 Watt (30dBm).

Note: the conducted output power limit specified above is based on the use the antennas with directional gains that do not exceed 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values above, as appropriate, by the amount in dB that the directional gain of antenna exceeds 6 dBi.

9.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Use the wideband power meter to test peak power and record the result.

9.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

9.6. Test Result

2.4GHz Antenna Gain is 12dBi, greater than 6dBi, the maximum conducted output power is as below:

$$2412-2462\text{GHz } 30\text{dBm} - [(12-6)/3]\text{dBm} = 28\text{dBm};$$

Power output test was verified over all data rates of each mode shown as below, and then choose the maximum power output (blue marker) for final test of each channel.

MCS Index for 802.11n	Spatial Streams	Data Rate (Mbps)				
		802.11a	20MHz Bandwidth		40MHz Bandwidth	
			800ns GI	400ns GI	800ns GI	400ns GI
0	1	6	6.5	7.2	13.5	15.0
1	1	9	13.0	14.4	27.0	30.0
2	1	12	19.5	21.7	40.5	45.0
3	1	18	26.0	28.9	54.0	60.0
4	1	24	39.0	43.3	81.0	90.0
5	1	36	52.0	57.8	108.0	120.0
6	1	48	58.5	65.0	121.5	135.0
7	1	54	65.0	72.2	135.0	150.0
8	2	---	13.0	14.4	27.0	30.0
9	2	---	26.0	28.9	54.0	60.0
10	2	---	39.0	43.3	81.0	90.0
11	2	---	52.0	57.8	108.0	120.0
12	2	---	78.0	86.7	162.0	180.0
13	2	---	104.0	115.6	216.0	240.0
14	2	---	117.0	130.0	243.0	270.0
15	2	---	130.0	144.0	270.0	300.0

Power output at various data rates:

Test Mode	Bandwidth	Frequency (MHz)	Channel	Data Rate	Peak Power (dBm)
802.11b(Chain 100)	20	2437	6	1	19.74
				5.5	19.10
				11	19.05
802.11g(Chain 100)	20	2437	6	6	19.82
				24	19.09
				54	18.88
802.11a(Chain 100)	20	5785	157	6	16.52
				24	15.88
				54	15.70
802.11n(Chain 100)	20	2437	6	HT0	19.70
				HT4	18.98
				HT7	18.83
802.11n(Chain 100)	40	2437	6	HT0	19.52
				HT4	18.71
				HT7	18.62

Product	: Wireless LAN access Point
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 100)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
1	2412	19.39	N/A	19.39	28.00	Pass
6	2437	19.74	N/A	19.74	28.00	Pass
11	2462	19.86	N/A	19.86	28.00	Pass

Product	: Wireless LAN access Point
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 001)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
1	2412	N/A	19.85	19.85	28.00	Pass
6	2437	N/A	19.73	19.73	28.00	Pass
11	2462	N/A	19.98	19.98	28.00	Pass

Product	: Wireless LAN access Point
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 100)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
1	2412	19.74	N/A	19.74	28.00	Pass
6	2437	19.82	N/A	19.82	28.00	Pass
11	2462	19.78	N/A	19.78	28.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 001)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
1	2412	N/A	19.80	19.80	28.00	Pass
6	2437	N/A	19.58	19.58	28.00	Pass
11	2462	N/A	19.48	19.48	28.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 100)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
149	5745	16.45	N/A	16.45	30.00	Pass
157	5785	16.52	N/A	16.52	30.00	Pass
165	5825	16.89	N/A	16.89	30.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 001)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
149	5745	N/A	16.73	16.73	30.00	Pass
157	5785	N/A	16.74	16.74	30.00	Pass
165	5825	N/A	16.78	16.78	30.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 100)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
1	2412	19.53	N/A	19.53	28.00	Pass
6	2437	19.70	N/A	19.70	28.00	Pass
11	2462	19.66	N/A	19.66	28.00	Pass
149	5745	16.97	N/A	16.97	30.00	Pass
157	5785	16.44	N/A	16.44	30.00	Pass
165	5825	16.81	N/A	16.81	30.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 001)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
1	2412	N/A	19.29	19.29	28.00	Pass
6	2437	N/A	19.73	19.73	28.00	Pass
11	2462	N/A	19.50	19.50	28.00	Pass
149	5745	N/A	16.70	16.70	30.00	Pass
157	5785	N/A	16.68	16.68	30.00	Pass
165	5825	N/A	16.70	16.70	30.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 101)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
1	2412	17.31	16.58	19.97	28.00	Pass
6	2437	16.77	16.72	19.76	28.00	Pass
11	2462	17.08	16.73	19.92	28.00	Pass
149	5745	13.73	17.76	19.21	30.00	Pass
157	5785	13.78	13.37	16.59	30.00	Pass
165	5825	13.80	13.95	16.89	30.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 100)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
3	2422	18.38	N/A	18.38	28.00	Pass
6	2437	19.52	N/A	19.52	28.00	Pass
9	2452	18.52	N/A	18.52	28.00	Pass
151	5755	16.76	N/A	16.76	30.00	Pass
159	5795	16.47	N/A	16.47	30.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 001)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
3	2422	N/A	17.44	17.44	28.00	Pass
6	2437	N/A	19.15	19.15	28.00	Pass
9	2452	N/A	18.50	18.50	28.00	Pass
151	5755	N/A	16.75	16.75	30.00	Pass
159	5795	N/A	16.72	16.72	30.00	Pass

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 101)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
3	2422	15.72	12.62	17.45	28.00	Pass
6	2437	16.58	16.30	19.45	28.00	Pass
9	2452	15.73	16.60	19.20	28.00	Pass
151	5755	13.78	13.75	16.78	30.00	Pass
159	5795	14.10	13.87	17.00	30.00	Pass

10. Power Spectral Density

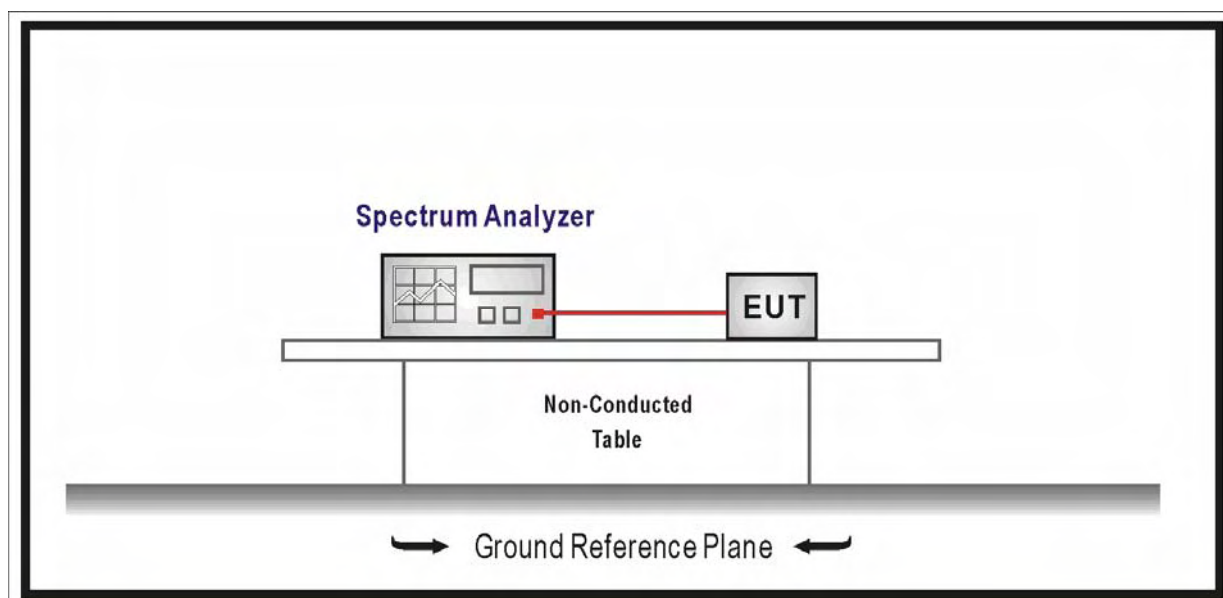
10.1. Test Equipment

Power Spectral Density / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2011.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2011.05.04

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

10.2. Test Setup



10.3. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiated to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

10.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Set RBW= 3 kHz, Set VBW \geq 10 kHz, Sweep time=100s, Set detector=Peak detector.

10.5. Uncertainty

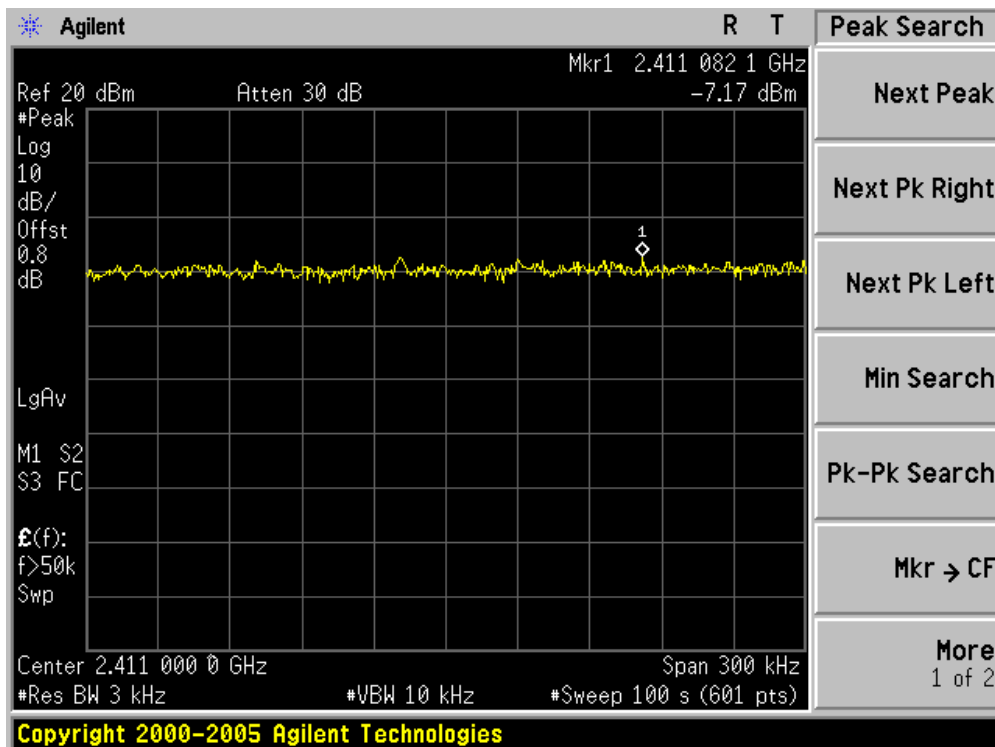
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

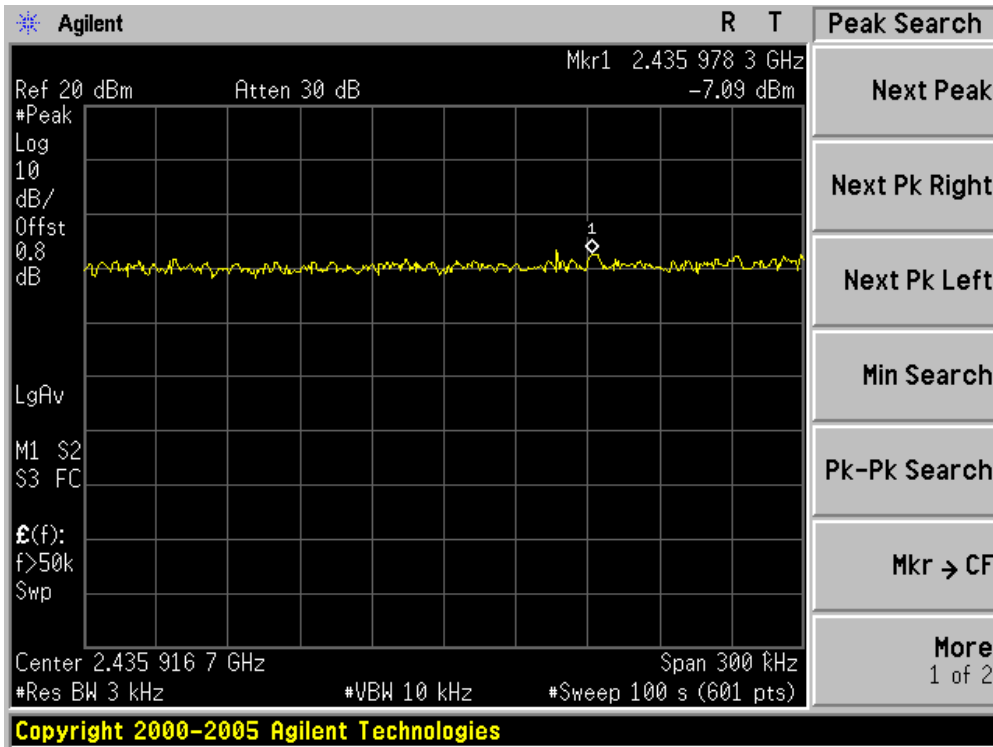
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 100)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
01	2412	-7.17	N/A	-7.17	8	Pass
06	2437	-7.09	N/A	-7.09	8	Pass
11	2462	-6.84	N/A	-6.84	8	Pass

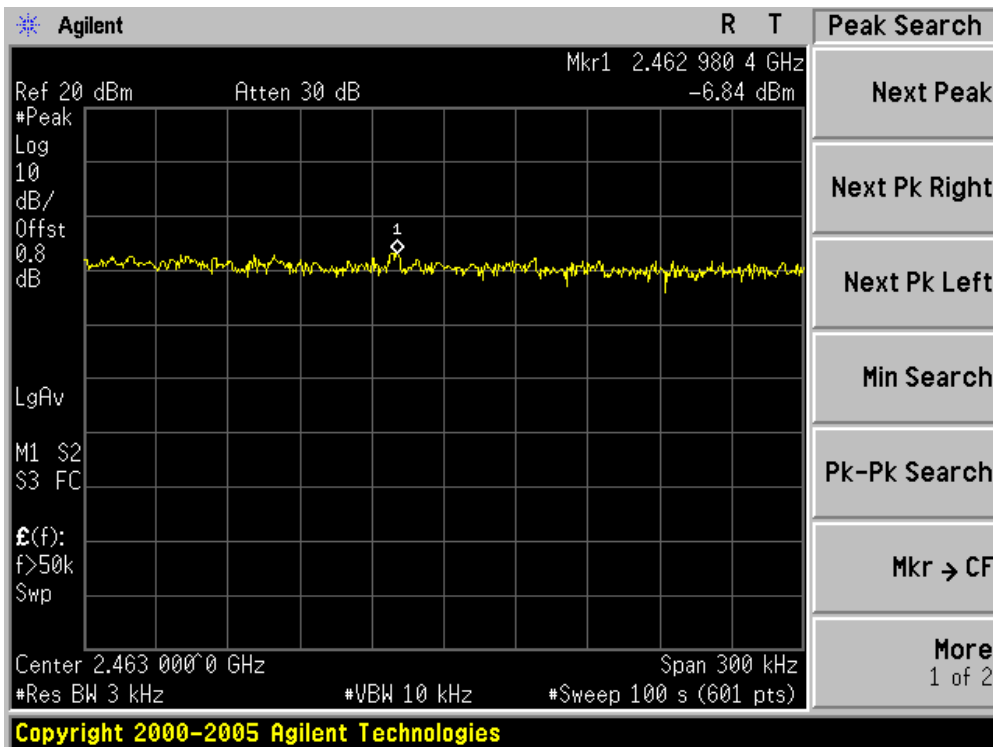
Channel 01 (2412MHz)



Channel 06 (2437MHz)



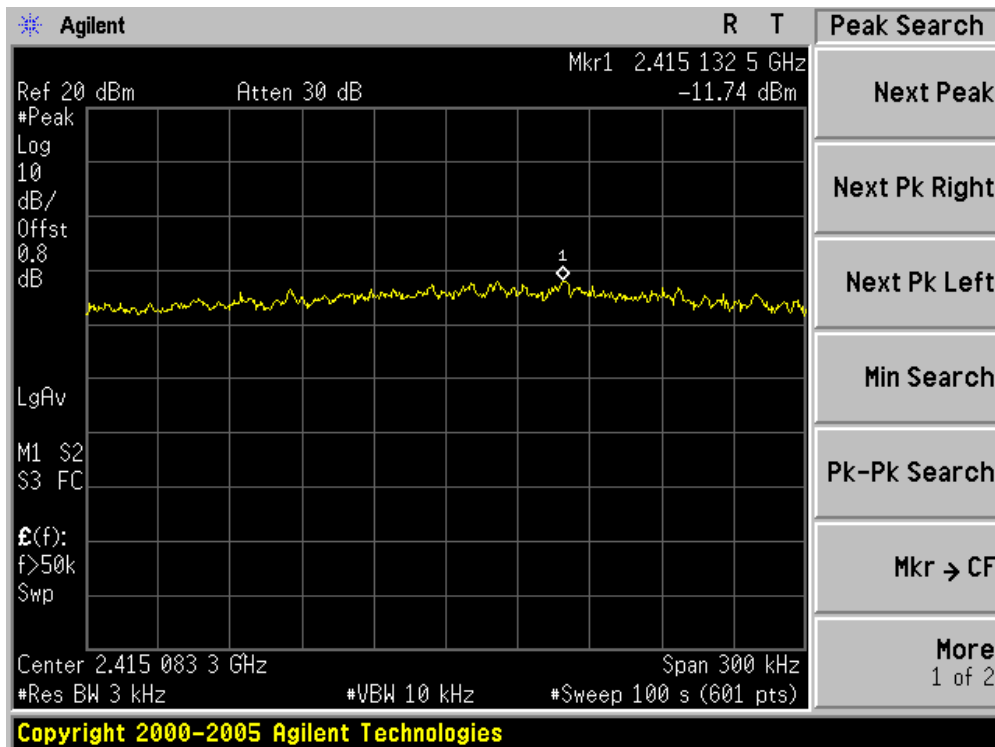
Channel 11 (2462MHz)



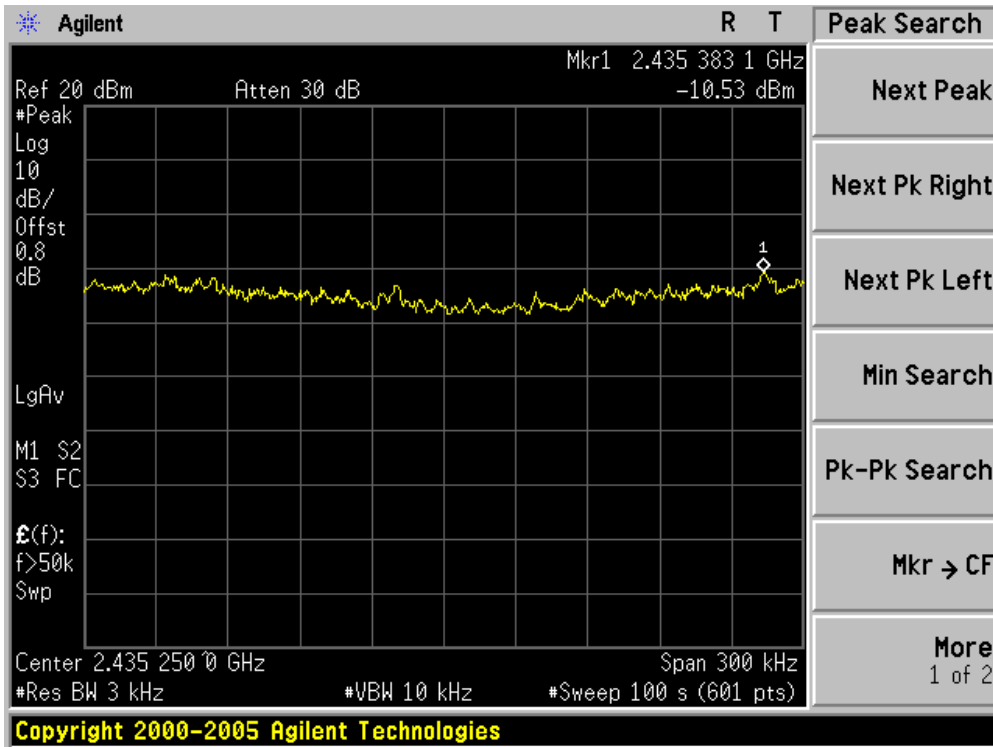
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 100)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
01	2412	-11.74	N/A	-11.74	8	Pass
06	2437	-10.53	N/A	-10.53	8	Pass
11	2462	-11.28	N/A	-11.28	8	Pass

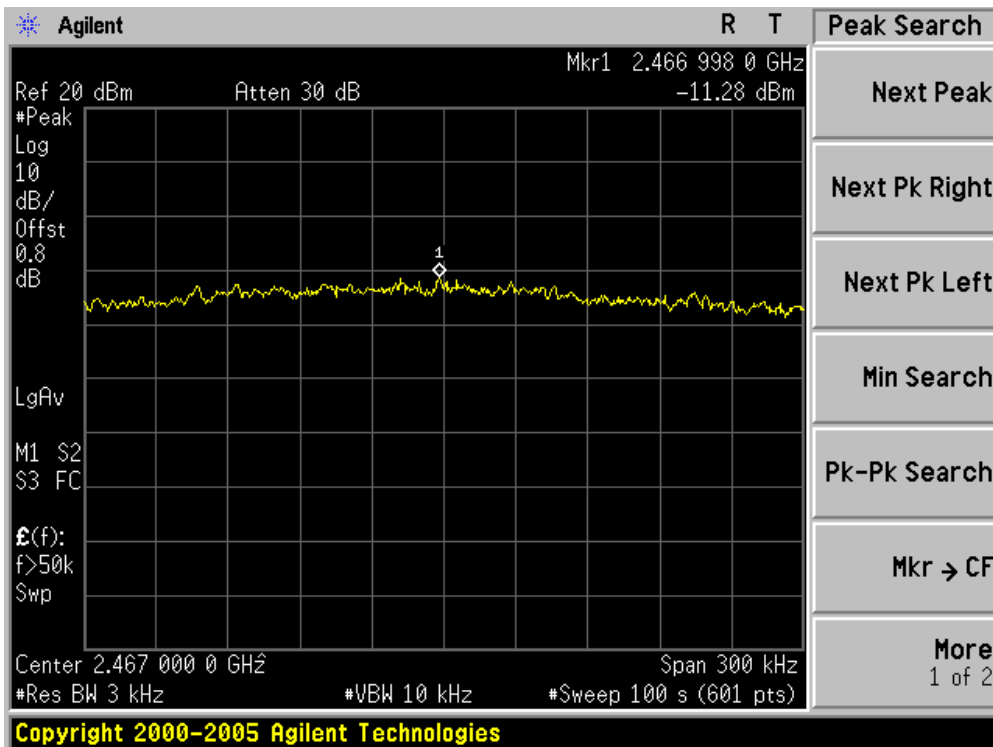
Channel 01 (2412MHz)



Channel 06 (2437MHz)



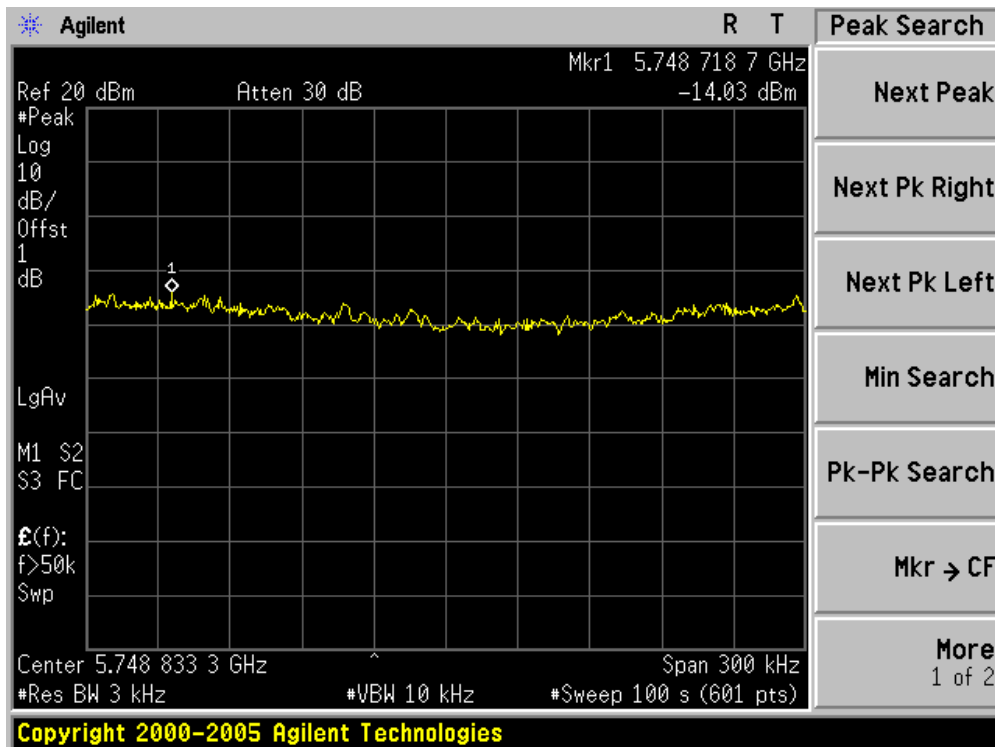
Channel 11 (2462MHz)



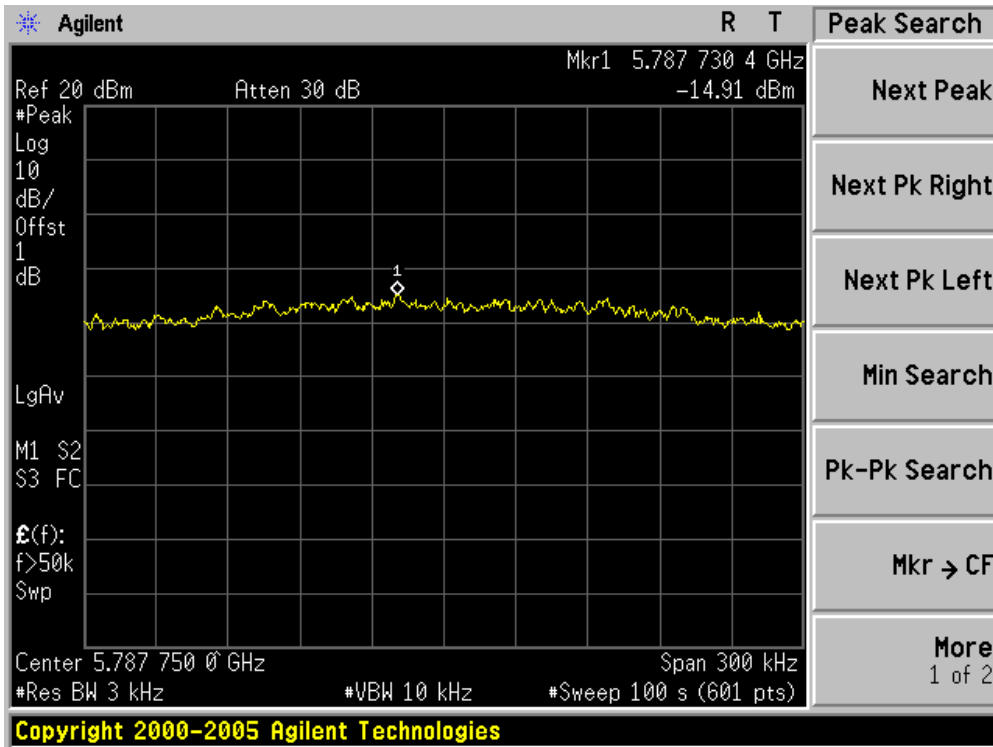
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 100)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
149	5745	-14.03	N/A	-14.03	8	Pass
157	5785	-14.91	N/A	-14.91	8	Pass
165	5825	-13.58	N/A	-13.58	8	Pass

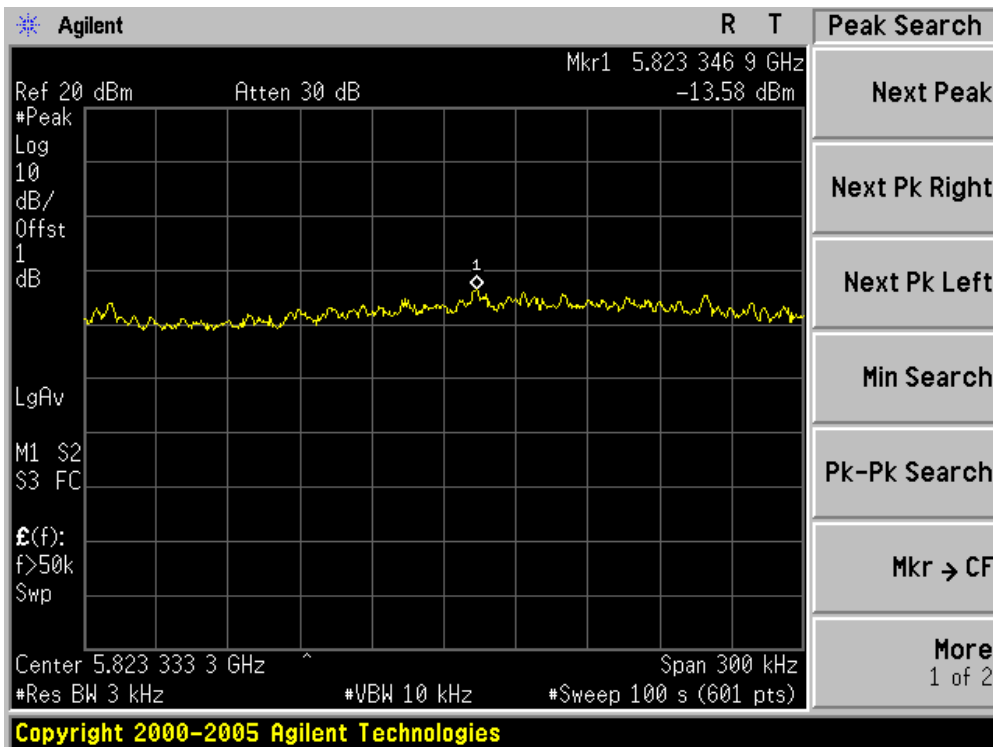
Channel 149 (5745MHz)



Channel 157 (5785MHz)



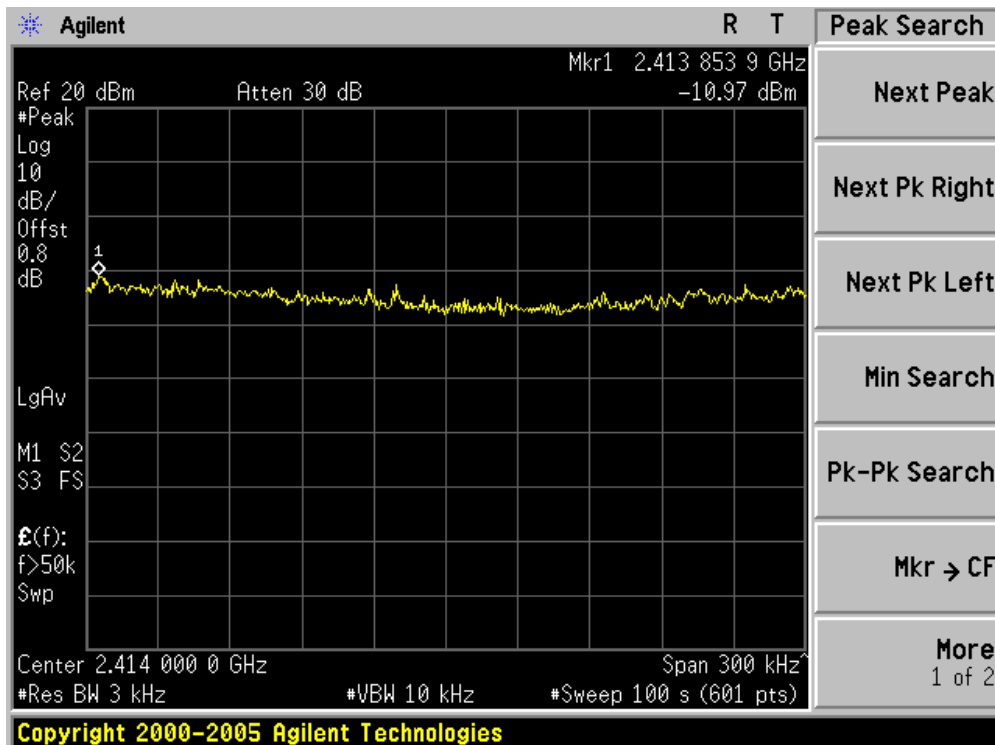
Channel 165 (5825MHz)



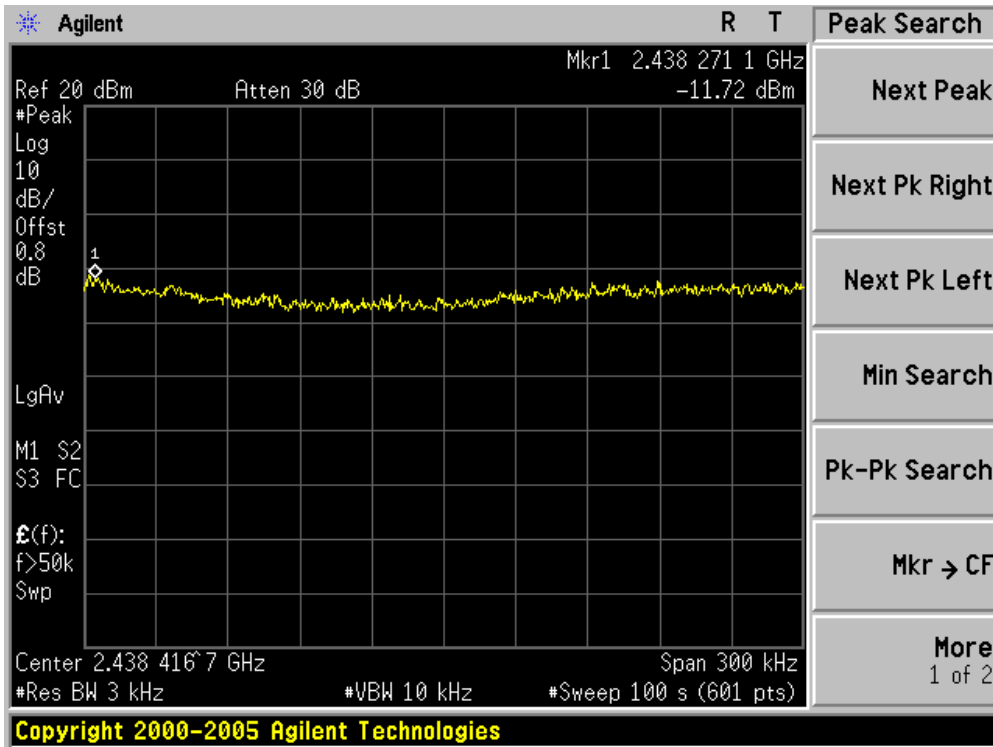
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 100)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
01	2412	-10.97	N/A	-10.97	8	Pass
06	2437	-11.72	N/A	-11.72	8	Pass
11	2462	-8.52	N/A	-8.52	8	Pass
149	5745	-13.84	N/A	-13.84	8	Pass
157	5785	-15.80	N/A	-15.80	8	Pass
165	5825	-14.74	N/A	-14.74	8	Pass

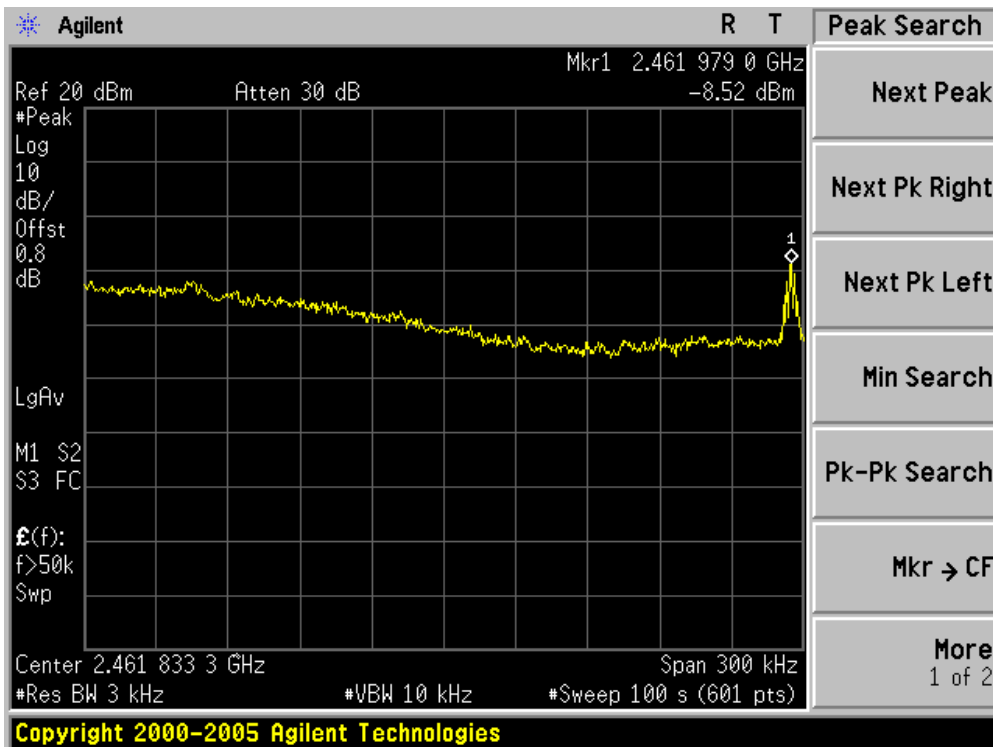
Channel 01 (2412MHz)



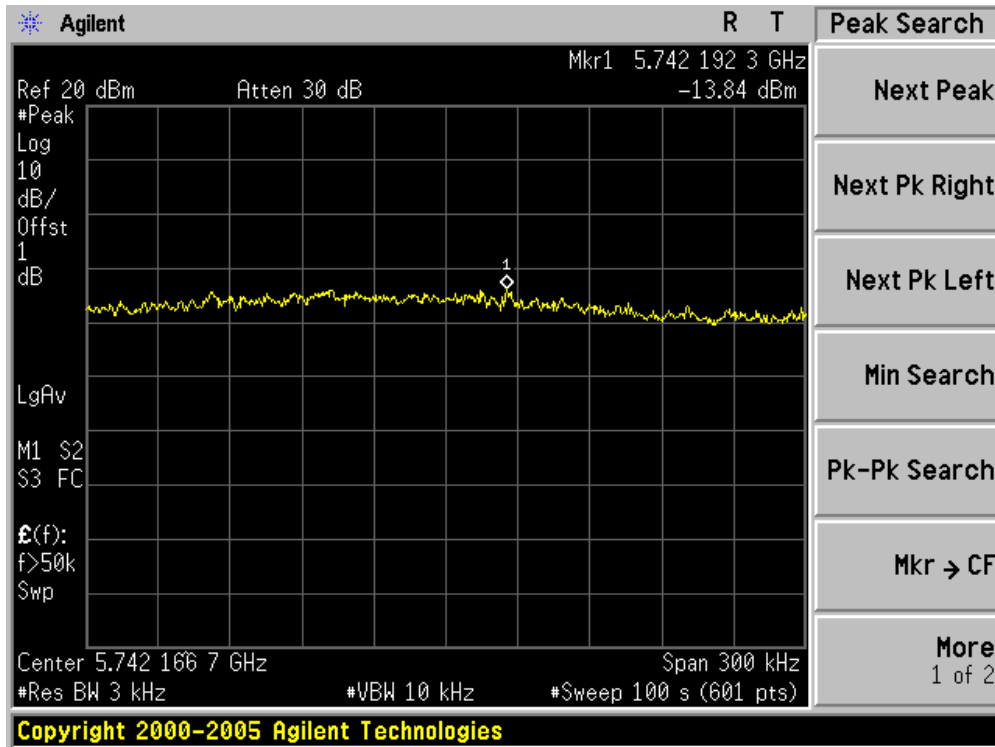
Channel 06 (2437MHz)



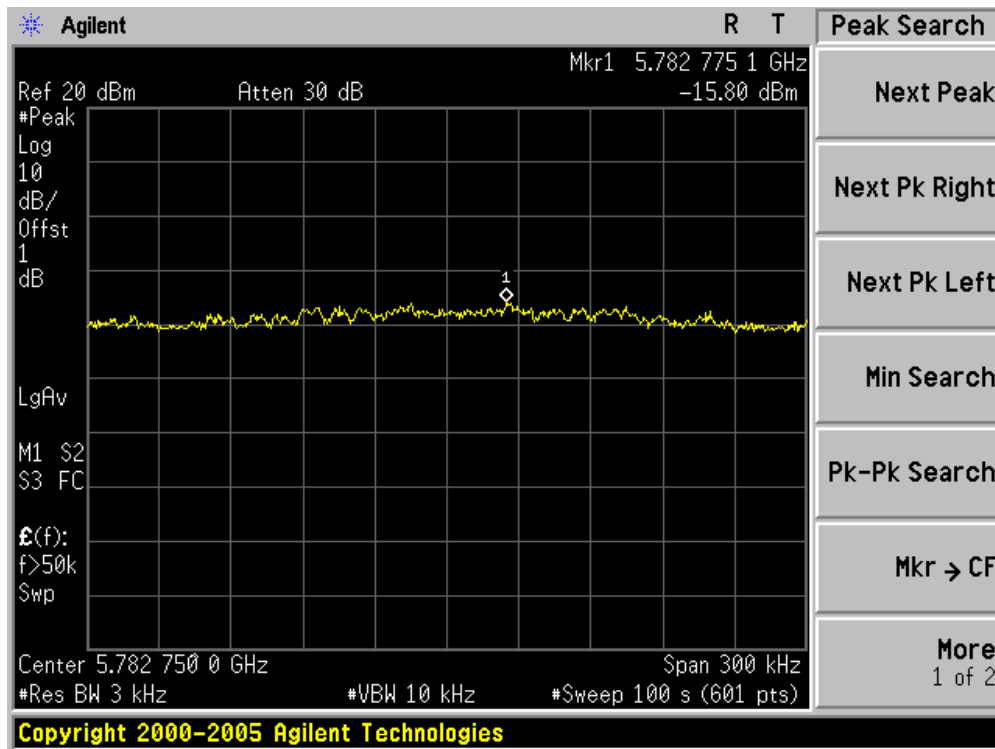
Channel 11 (2462MHz)



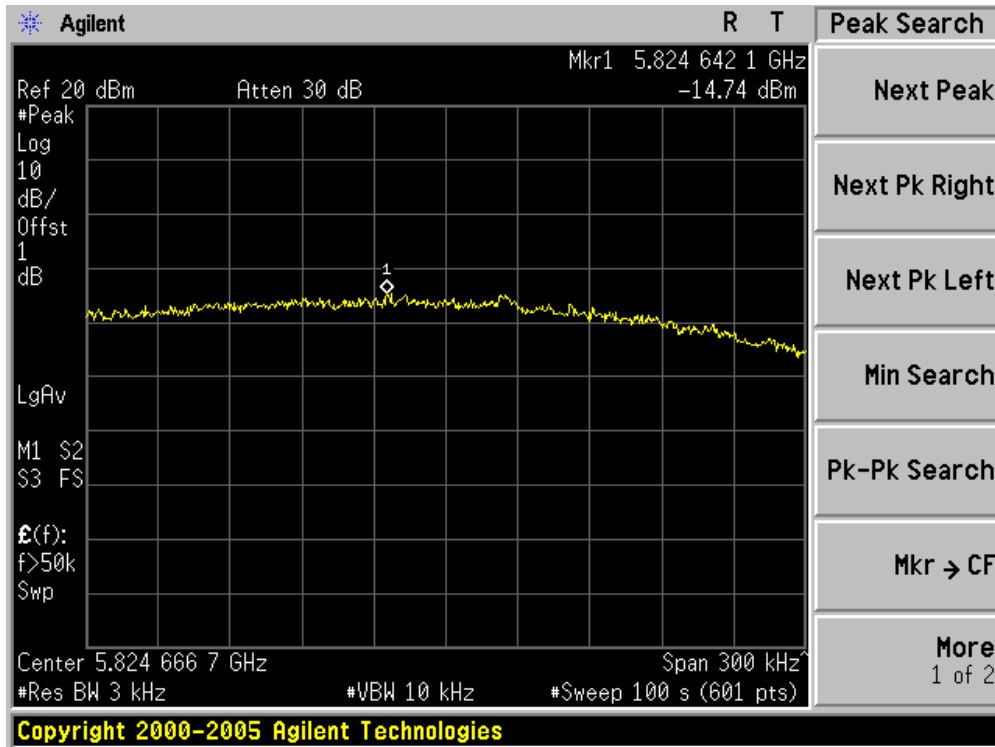
Channel 149 (5745MHz)



Channel 157 (5785MHz)



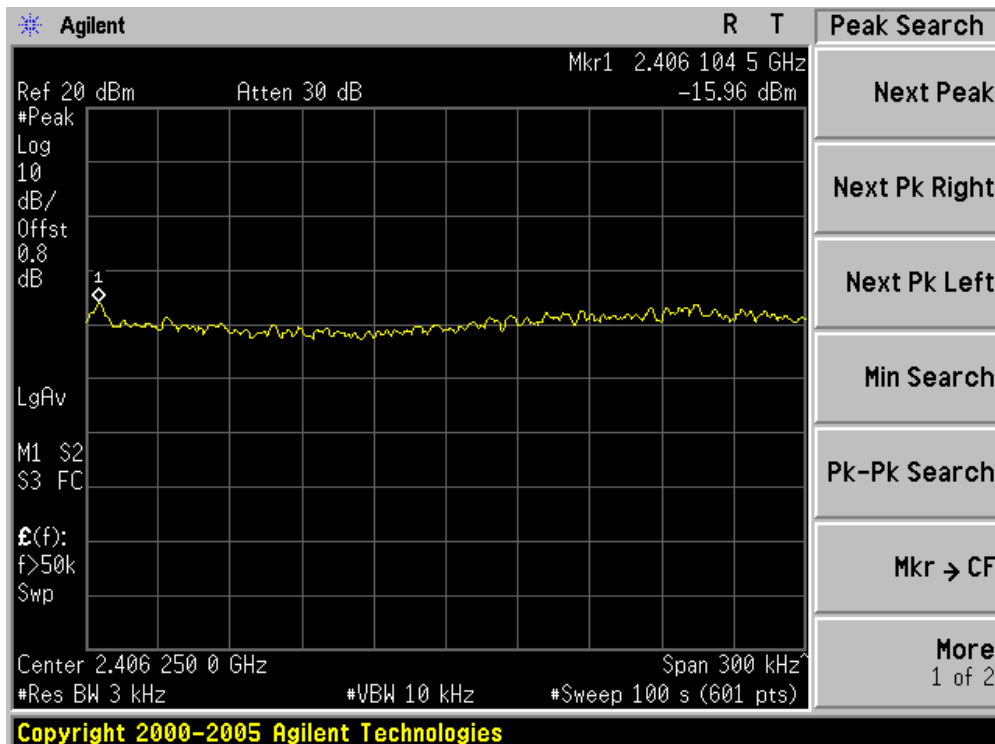
Channel 165 (5825MHz)



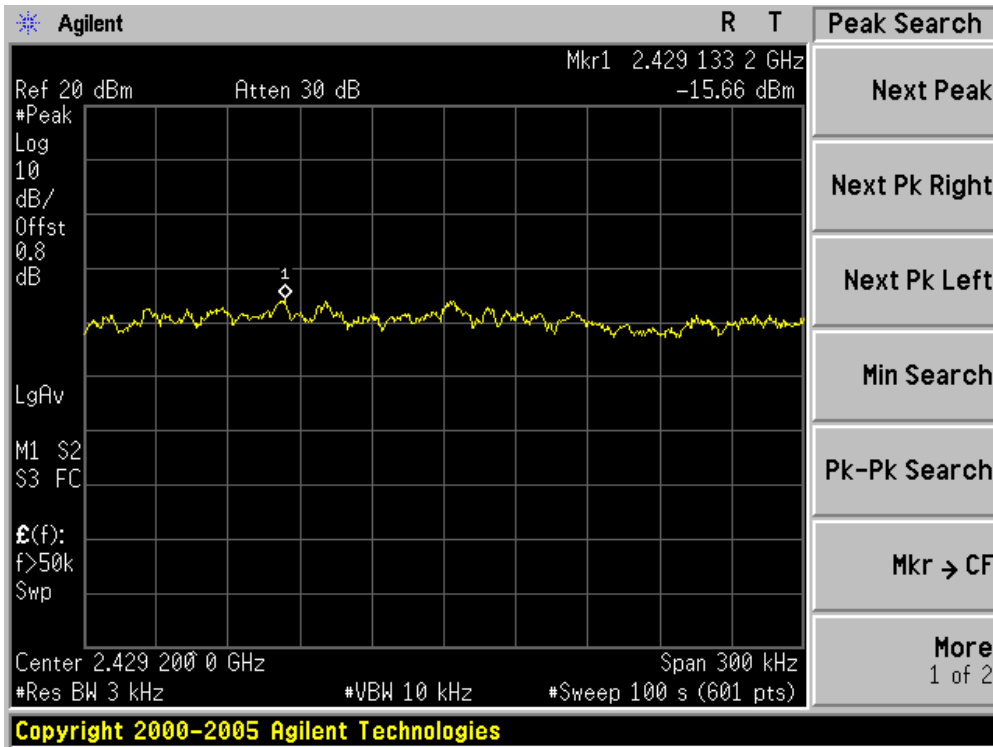
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 100)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
03	2422	-15.96	N/A	-15.96	8	Pass
06	2437	-15.66	N/A	-15.66	8	Pass
09	2452	-16.39	N/A	-16.39	8	Pass
151	5755	-16.85	N/A	-16.85	8	Pass
159	5795	-15.95	N/A	-15.95	8	Pass

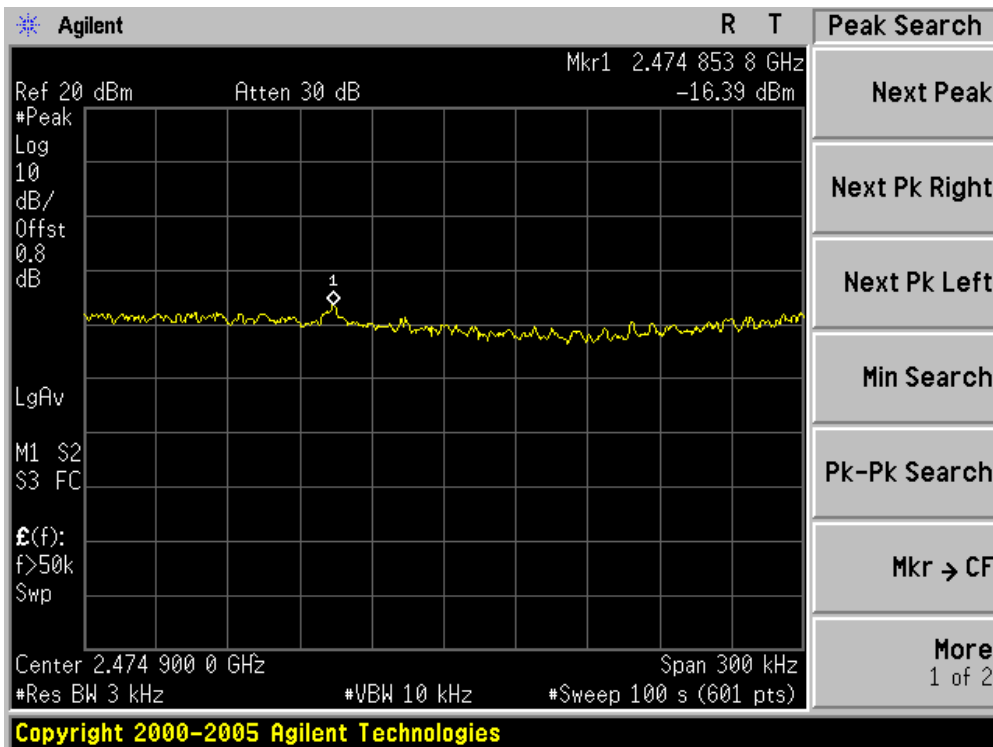
Channel 03 (2422MHz)



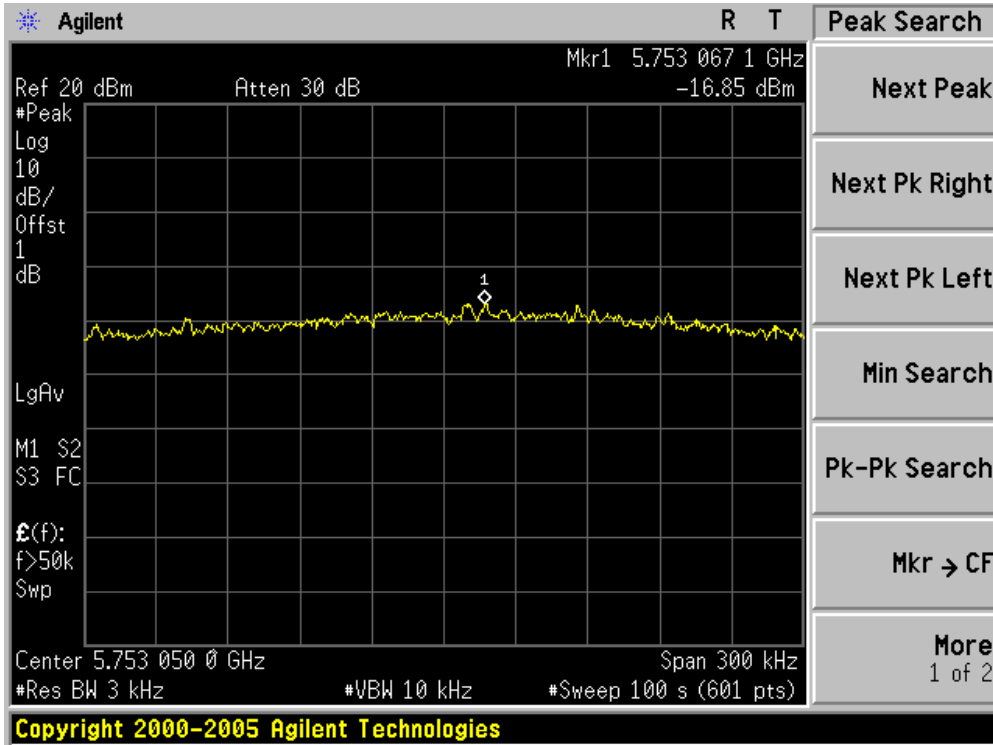
Channel 06 (2437MHz)



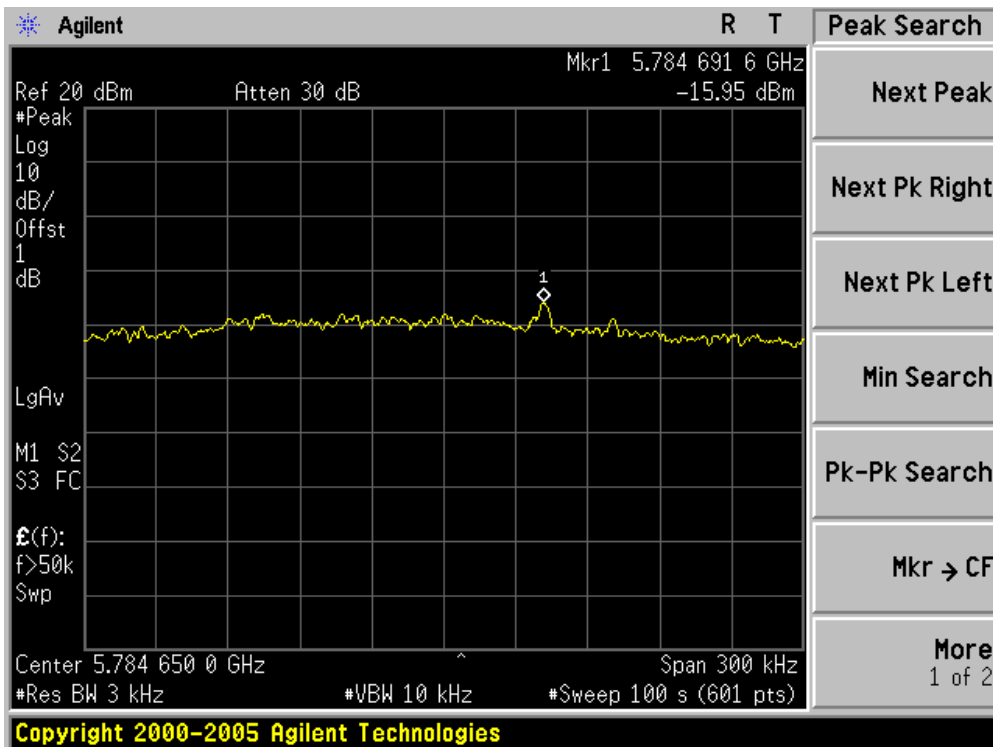
Channel 09 (2452MHz)



Channel 151 (5755MHz)



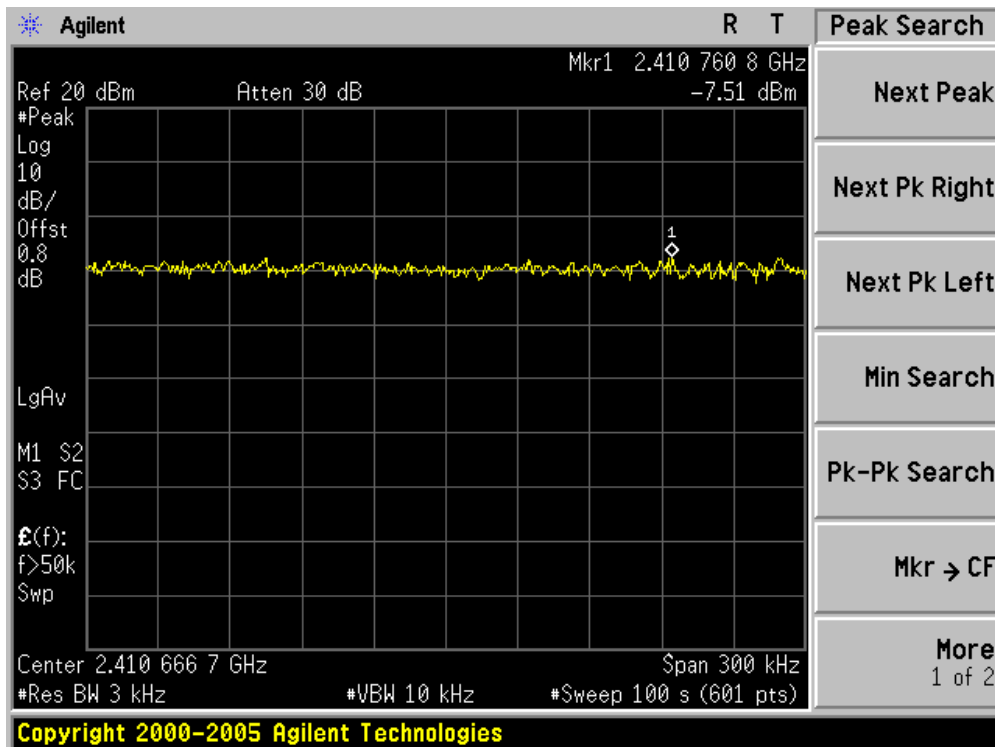
Channel 159 (5795MHz)



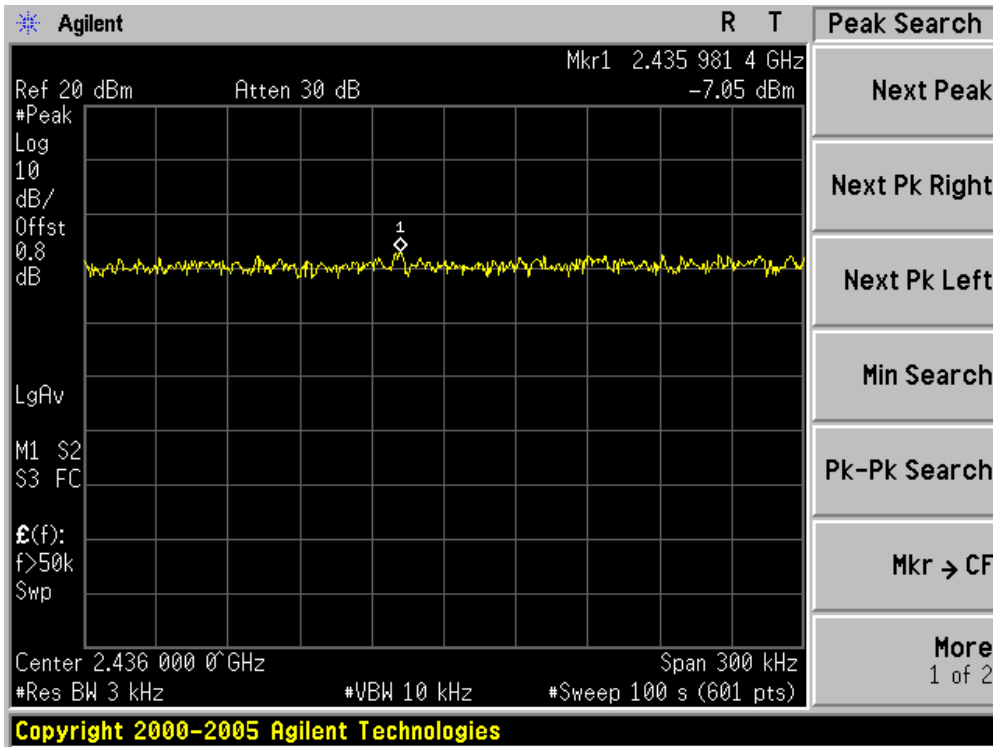
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 001)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
01	2412	N/A	-7.51	-7.51	8	Pass
06	2437	N/A	-7.05	-7.05	8	Pass
11	2462	N/A	-5.86	-5.86	8	Pass

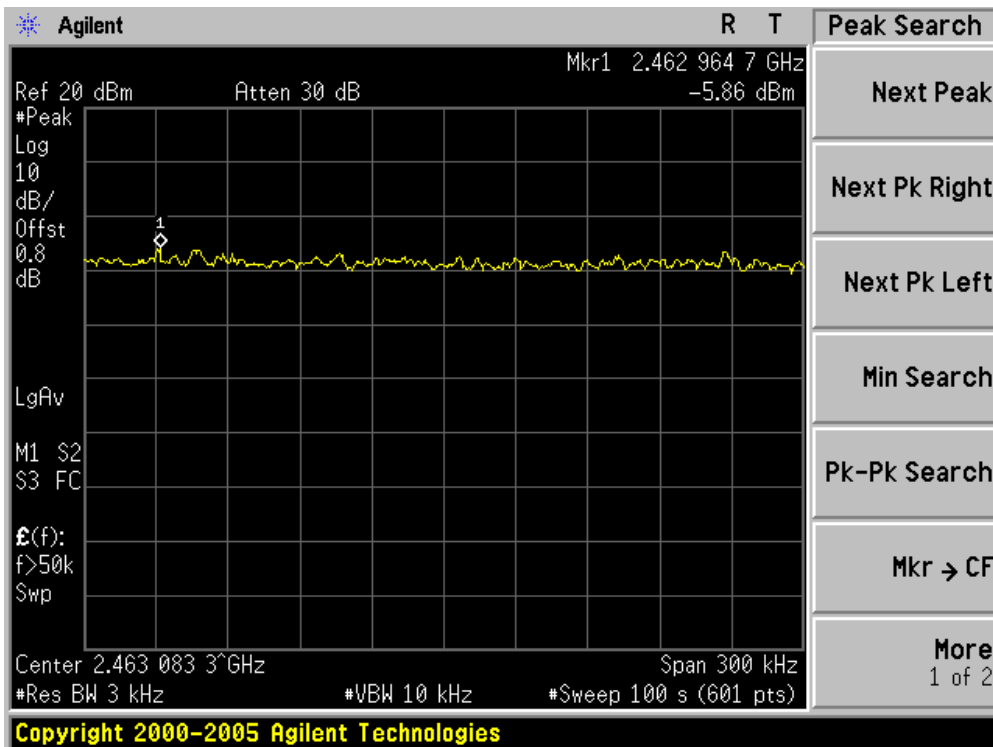
Channel 01 (2412MHz)



Channel 06 (2437MHz)



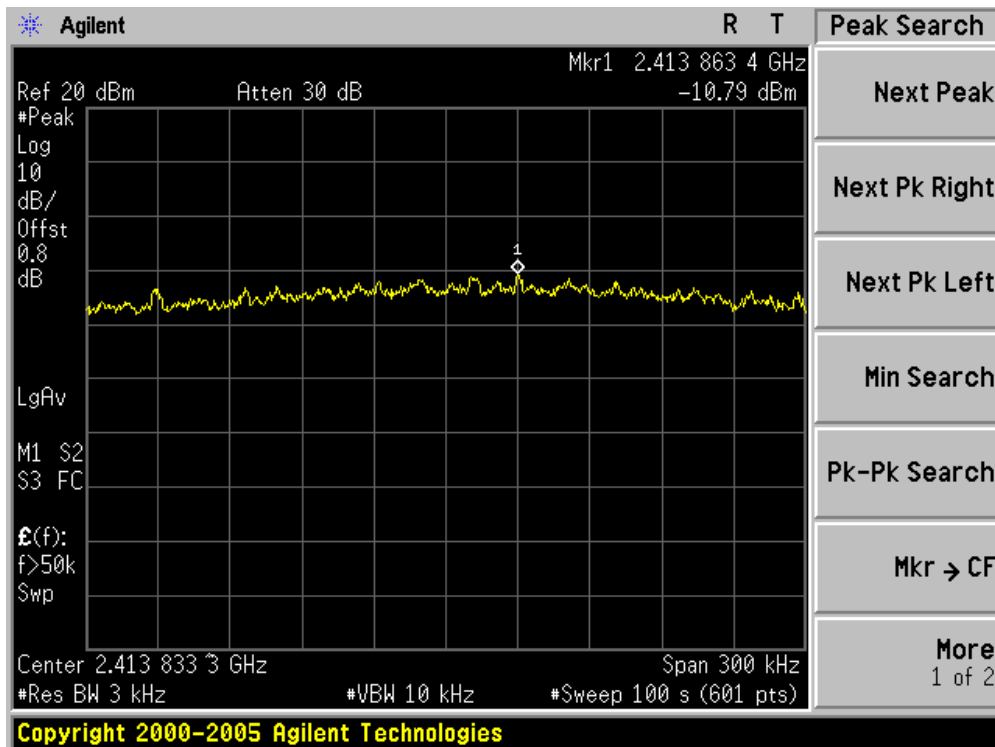
Channel 11 (2462MHz)



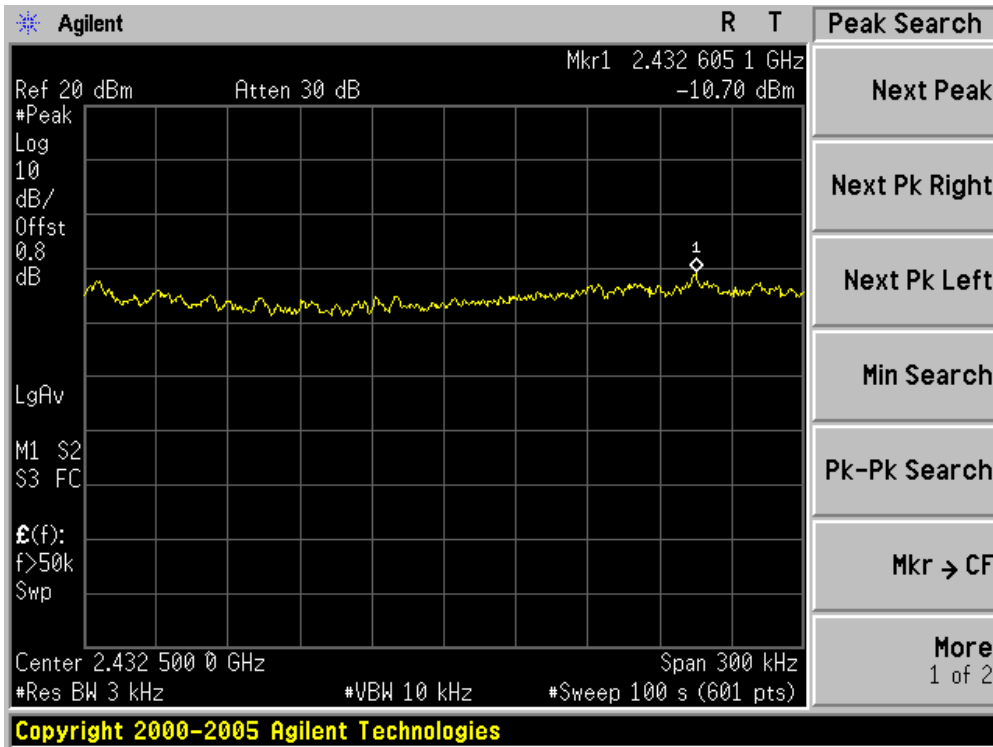
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 001)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
01	2412	N/A	-10.79	-10.79	8	Pass
06	2437	N/A	-10.70	-10.70	8	Pass
11	2462	N/A	-11.49	-11.49	8	Pass

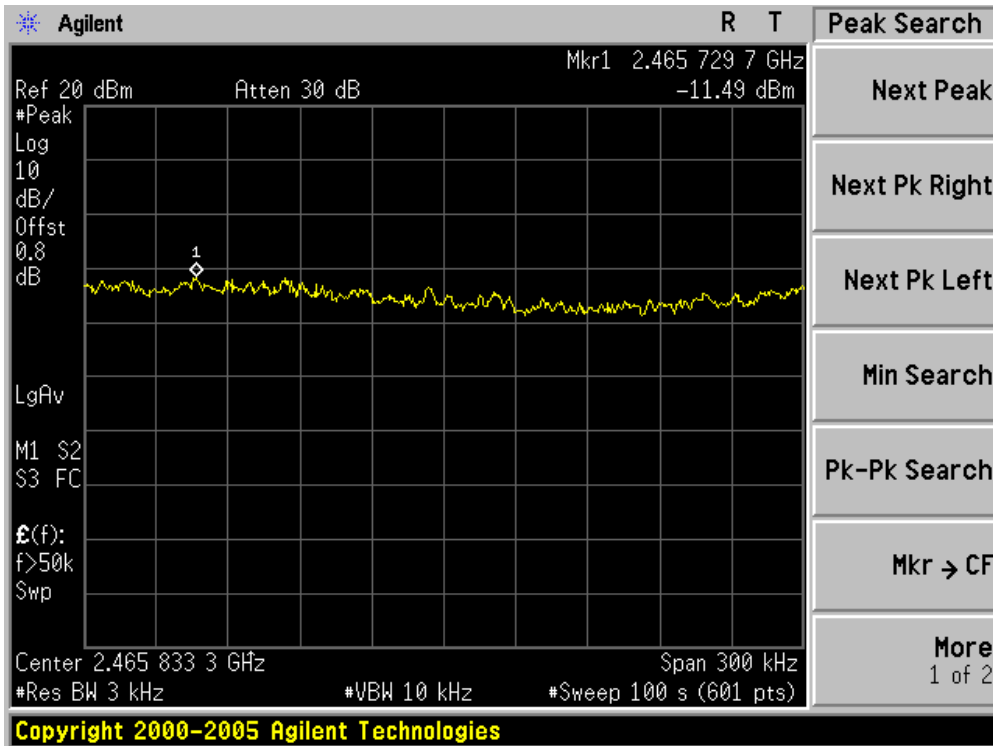
Channel 01 (2412MHz)



Channel 06 (2437MHz)



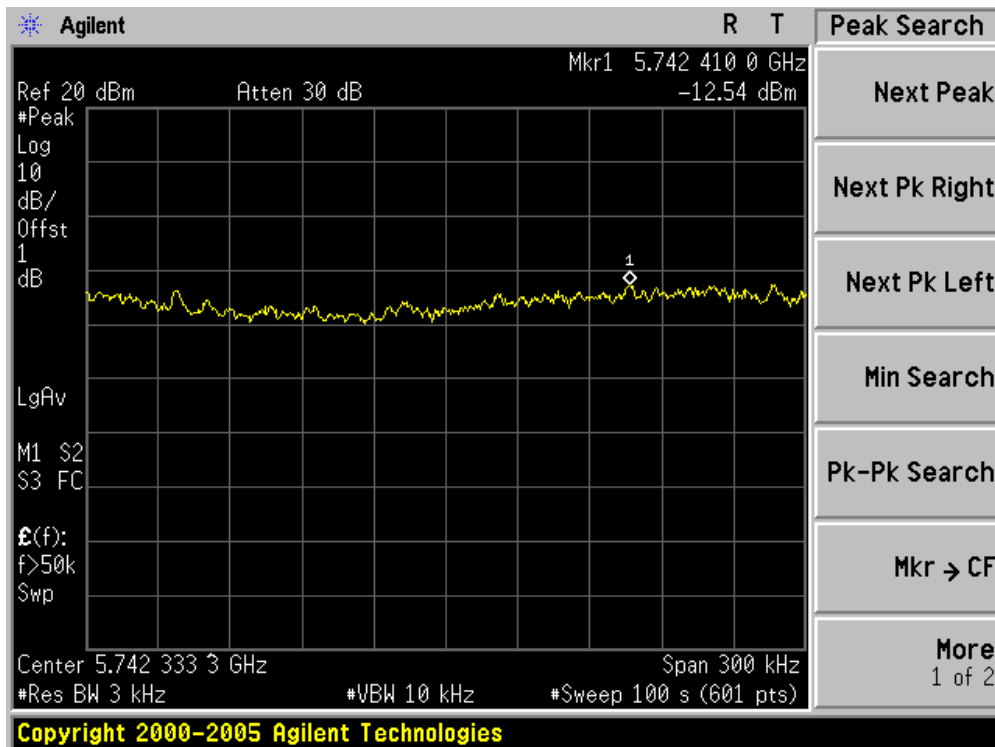
Channel 11 (2462MHz)



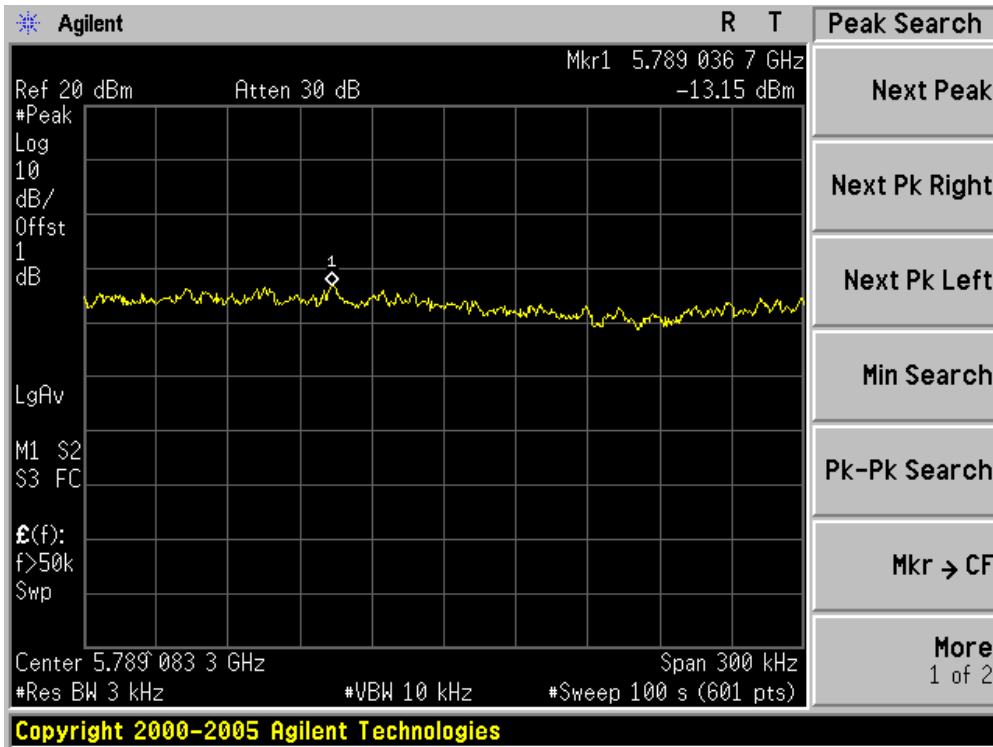
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 001)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
149	5745	N/A	-12.54	-12.54	8	Pass
157	5785	N/A	-13.15	-13.15	8	Pass
165	5825	N/A	-13.40	-13.40	8	Pass

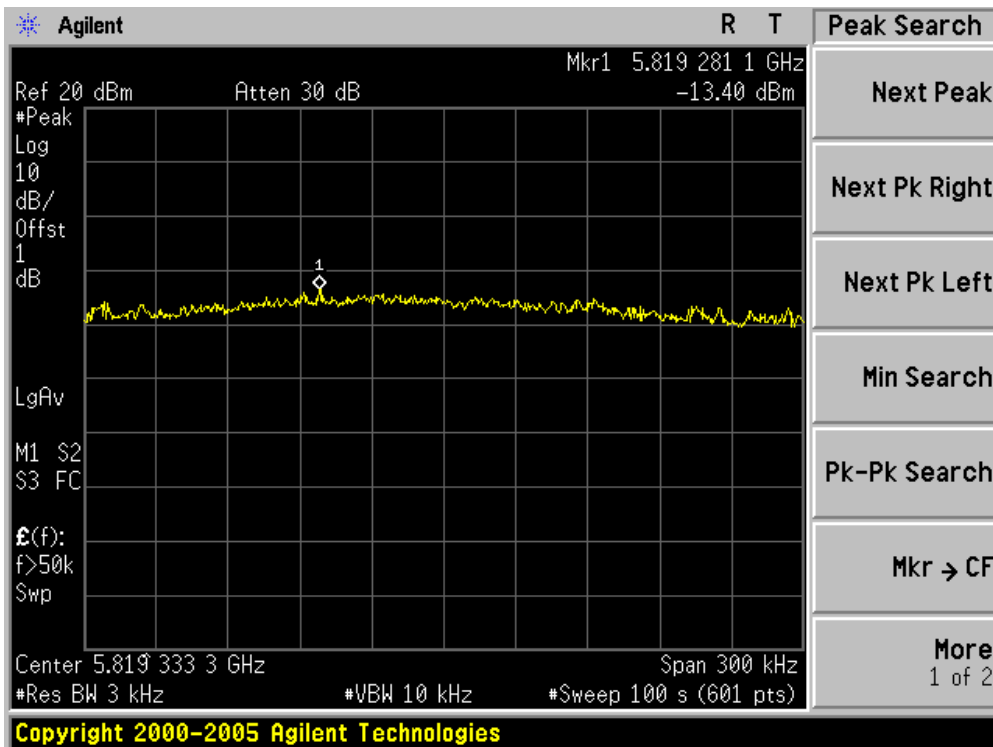
Channel 149 (5745MHz)



Channel 157 (5785MHz)



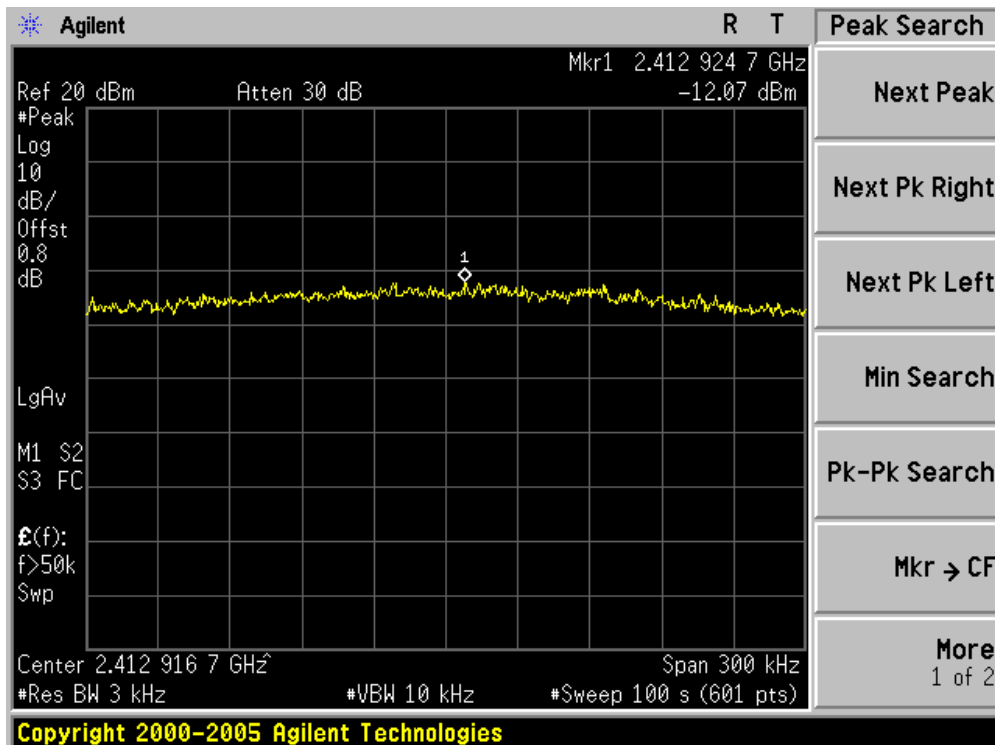
Channel 165 (5825MHz)



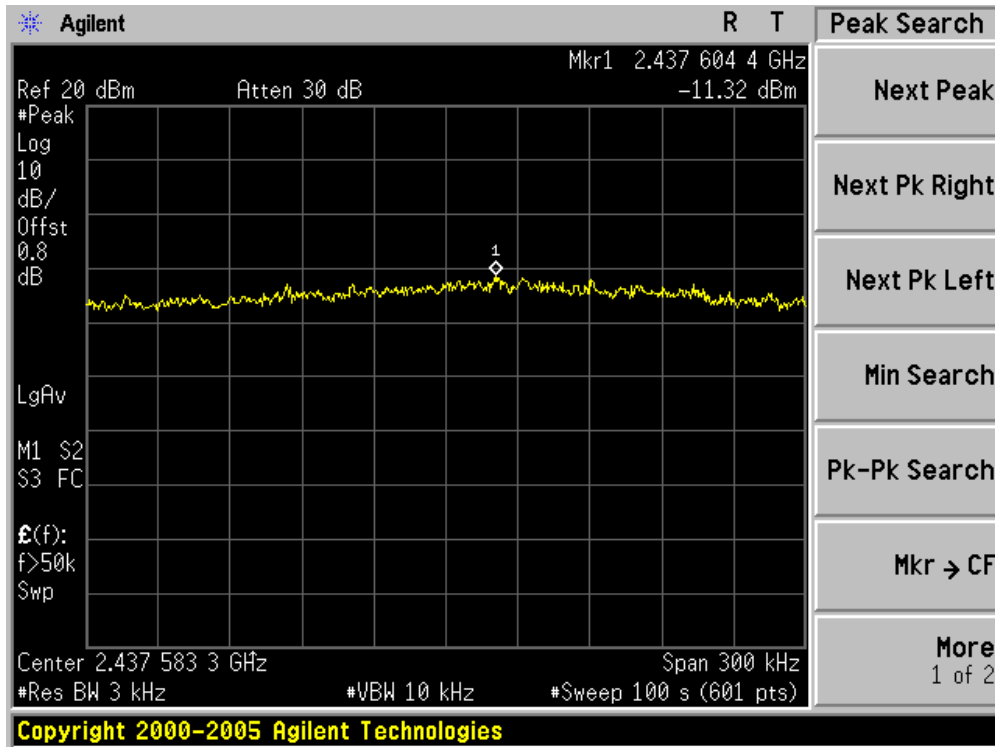
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 001)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
01	2412	N/A	-12.07	-12.07	8	Pass
06	2437	N/A	-11.32	-11.32	8	Pass
11	2462	N/A	-11.14	-11.14	8	Pass
149	5745	N/A	-13.04	-13.04	8	Pass
157	5785	N/A	-13.07	-13.07	8	Pass
165	5825	N/A	-13.40	-13.40	8	Pass

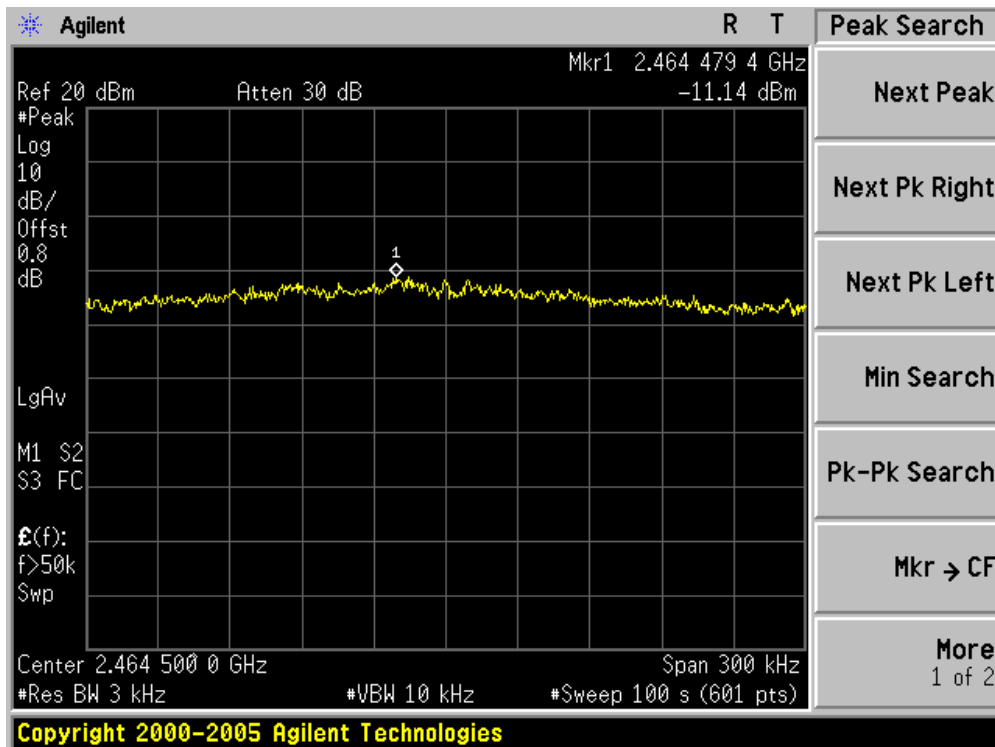
Channel 01 (2412MHz)



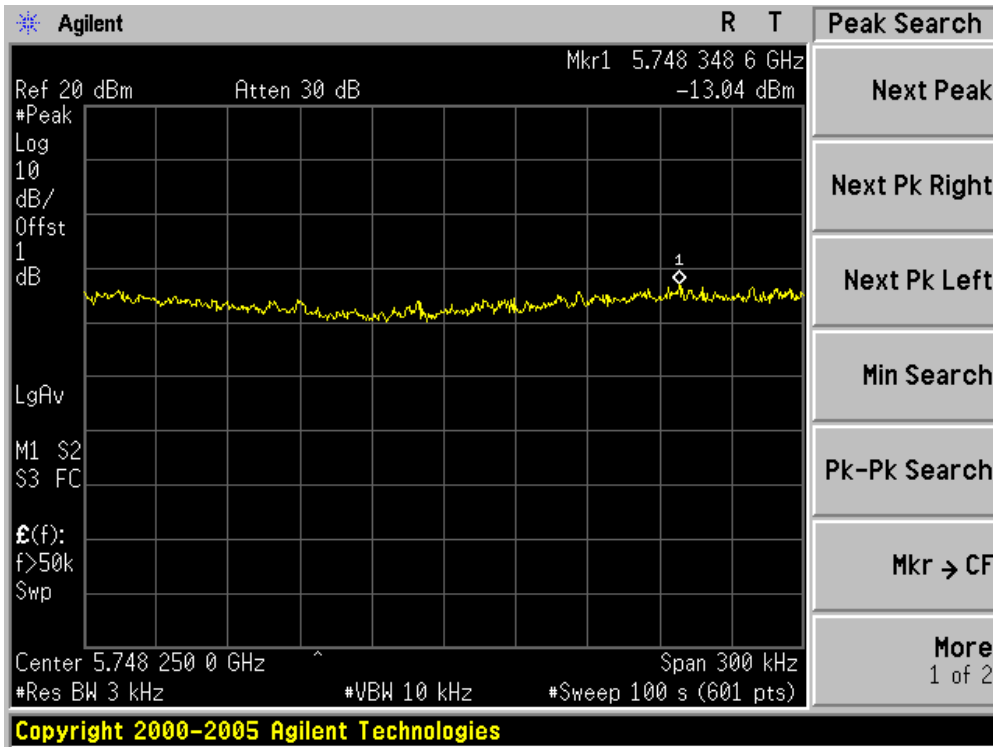
Channel 06 (2437MHz)



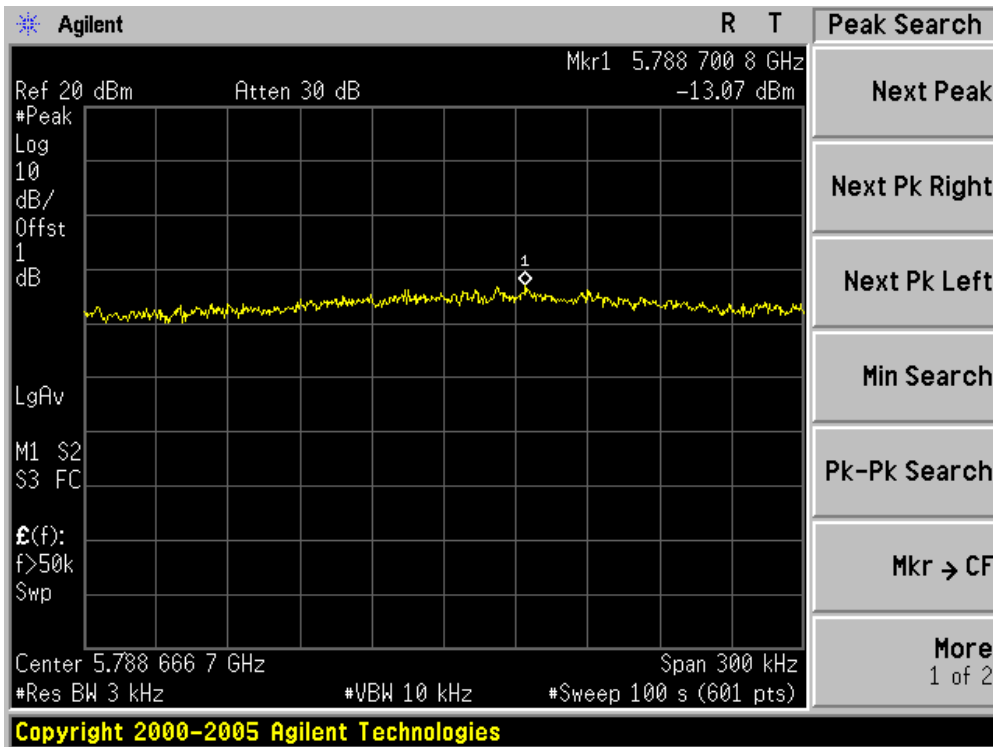
Channel 11 (2462MHz)



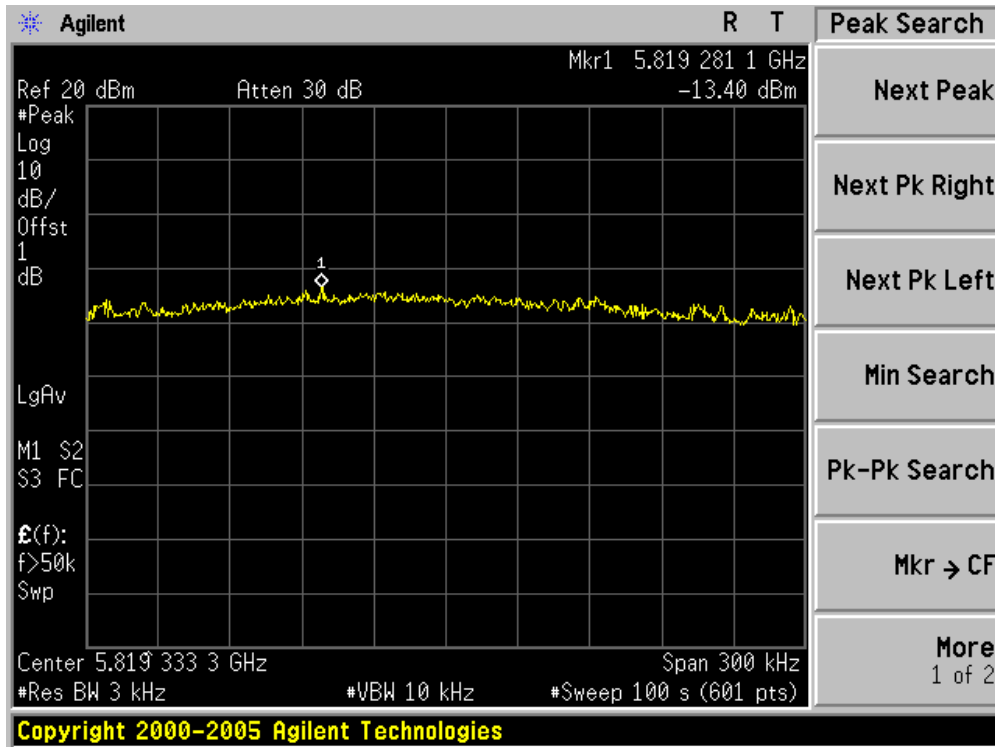
Channel 149 (5745MHz)



Channel 157 (5785MHz)



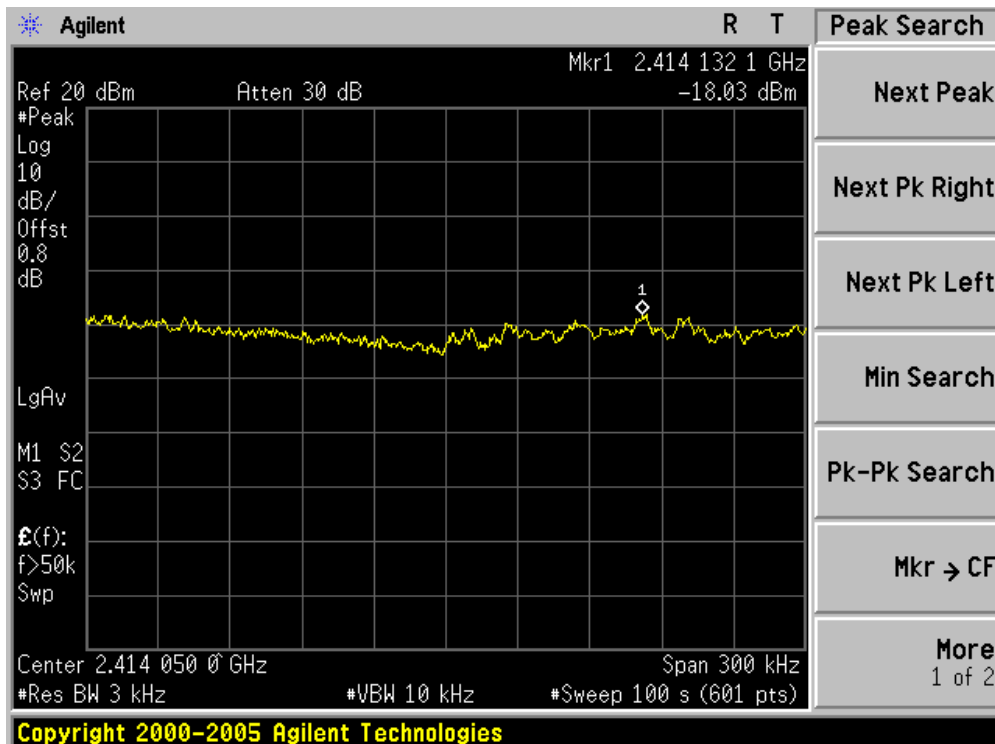
Channel 165 (5825MHz)



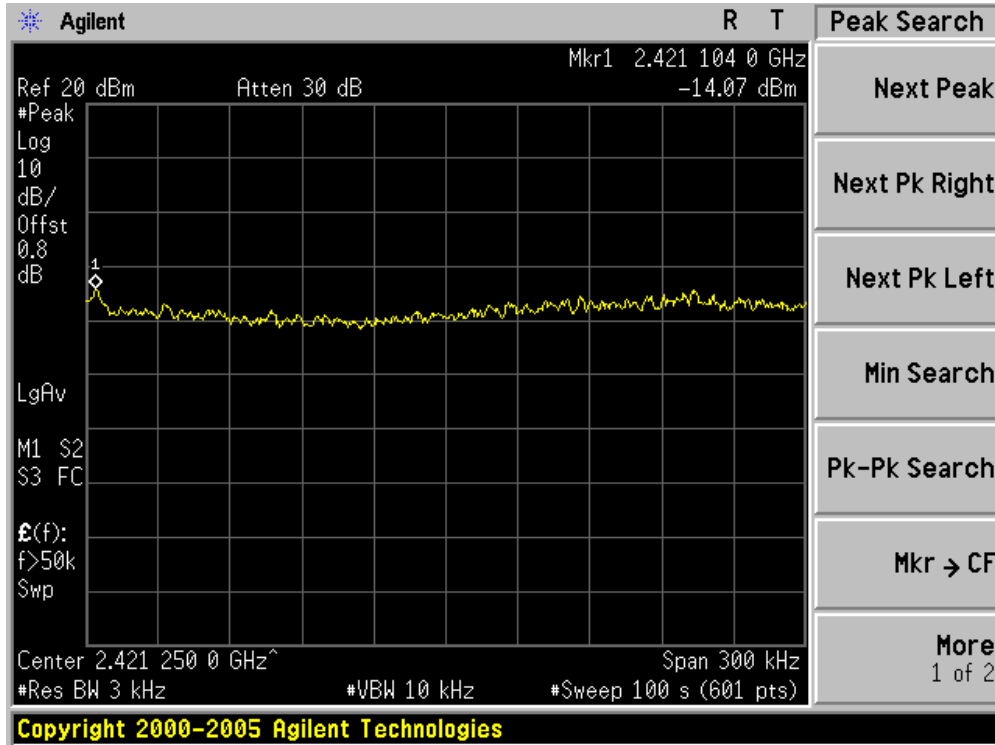
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 001)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
03	2422	N/A	-18.03	-18.03	8	Pass
06	2437	N/A	-14.07	-14.07	8	Pass
09	2452	N/A	-16.53	-16.53	8	Pass
151	5755	N/A	-16.00	-16.00	8	Pass
159	5795	N/A	-17.52	-17.52	8	Pass

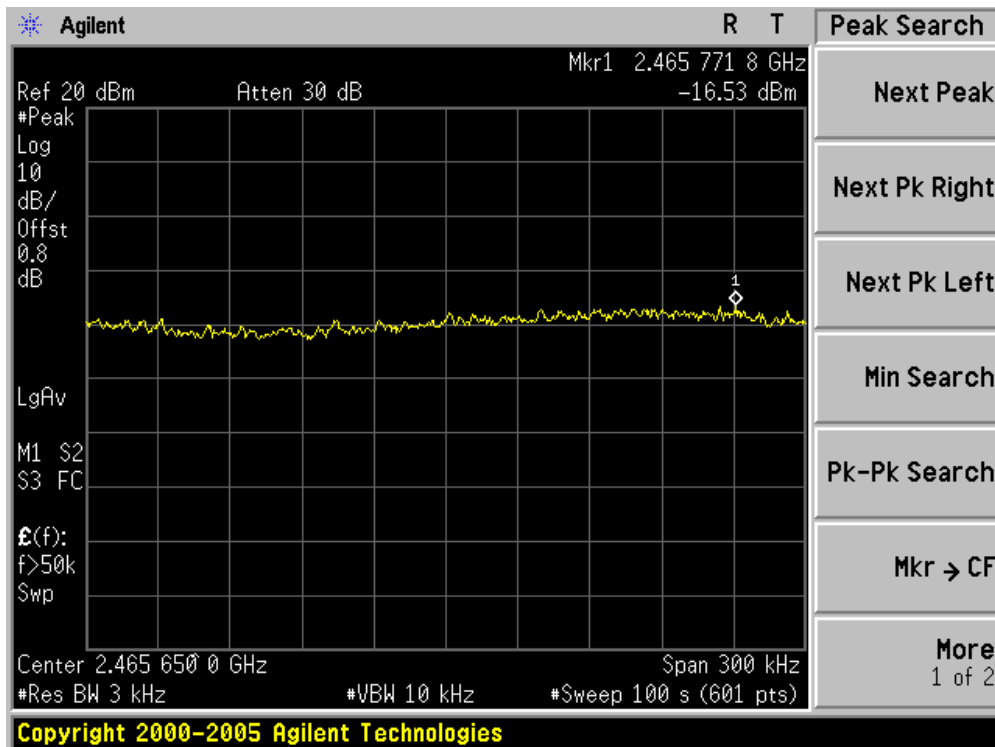
Channel 03 (2422MHz)



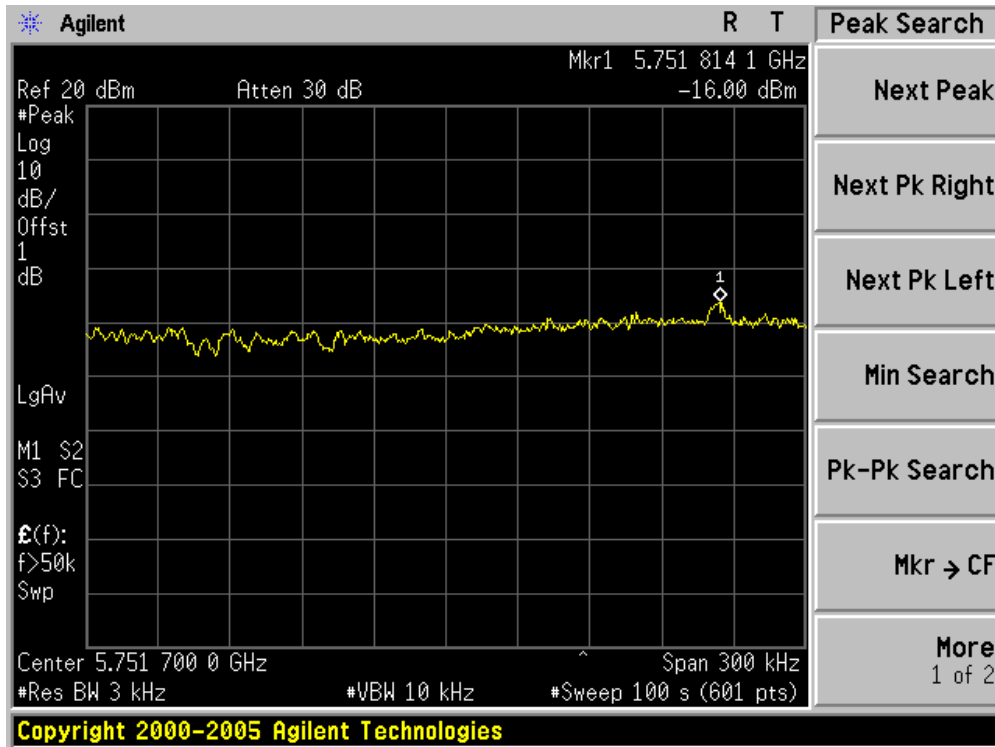
Channel 06 (2437MHz)



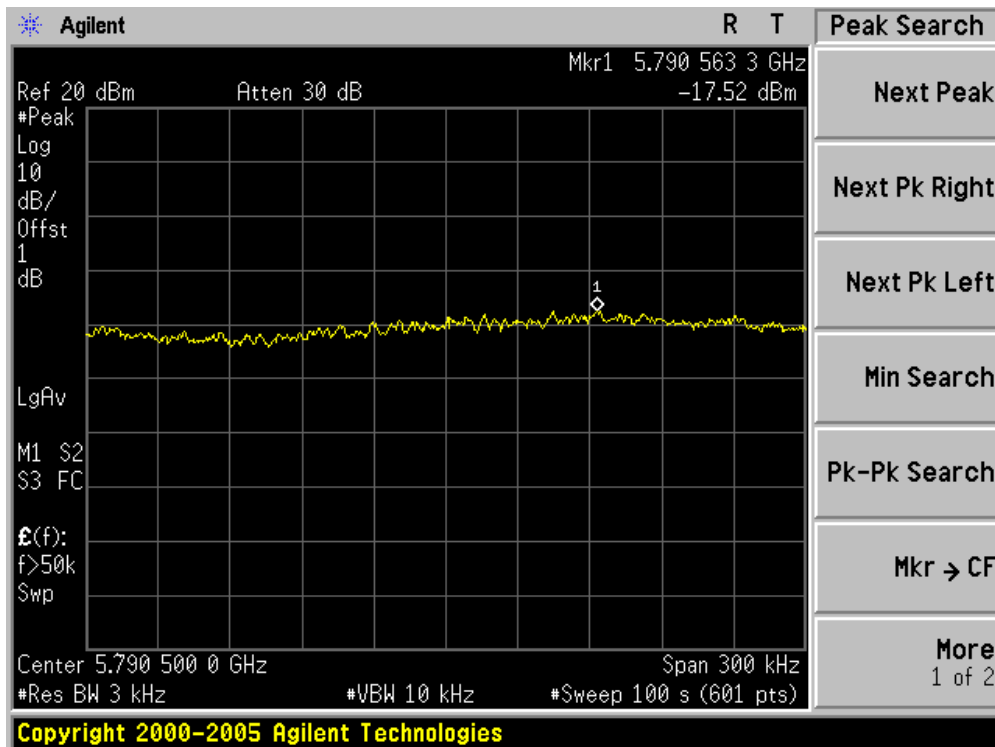
Channel 09 (2452MHz)



Channel 151 (5755MHz)



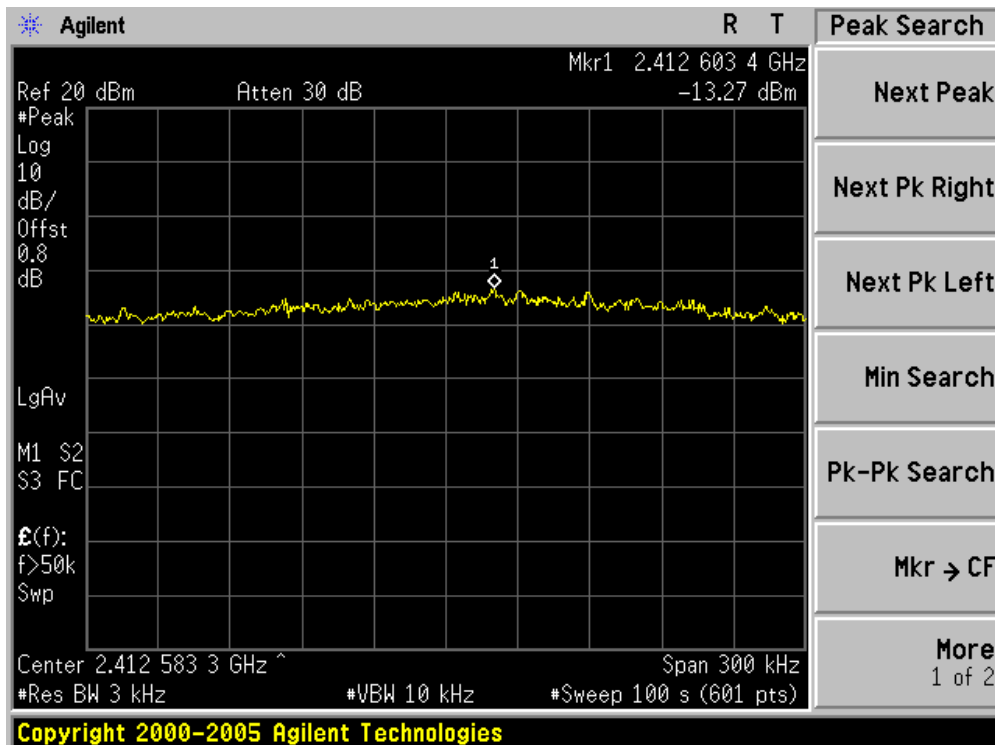
Channel 159 (5795MHz)



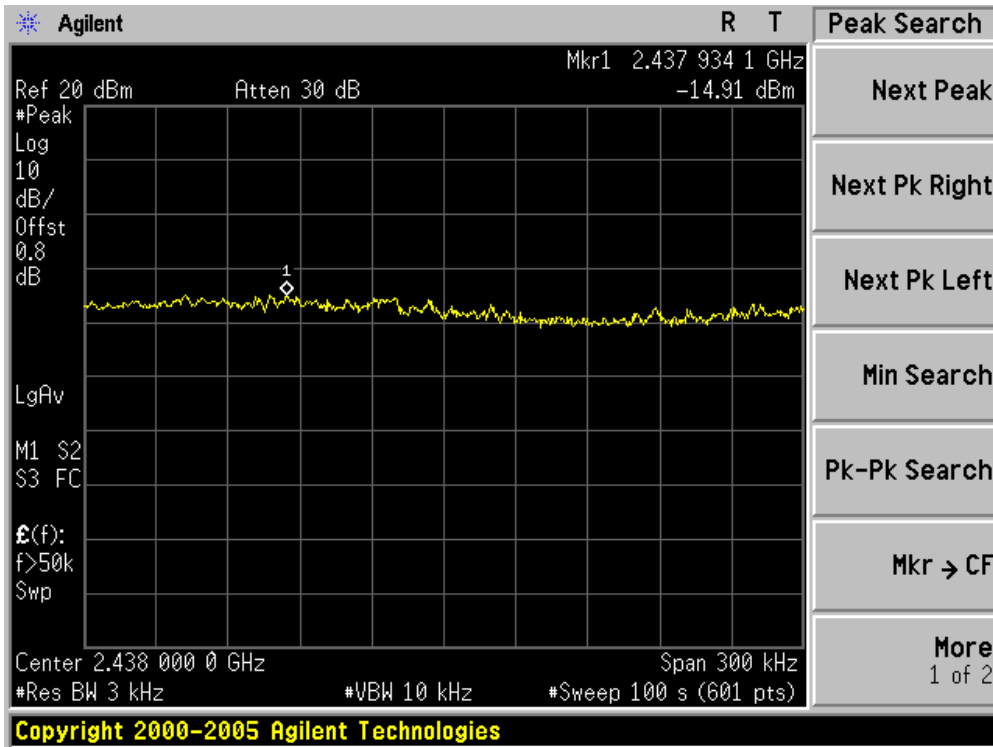
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 101)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
01	2412	-13.27	-13.57	-10.41	8	Pass
06	2437	-14.91	-13.96	-11.40	8	Pass
11	2462	-14.46	-12.87	-10.58	8	Pass
149	5745	-15.71	-15.85	-12.77	8	Pass
157	5785	-15.14	-16.57	-12.79	8	Pass
165	5825	-15.37	-18.02	-13.49	8	Pass

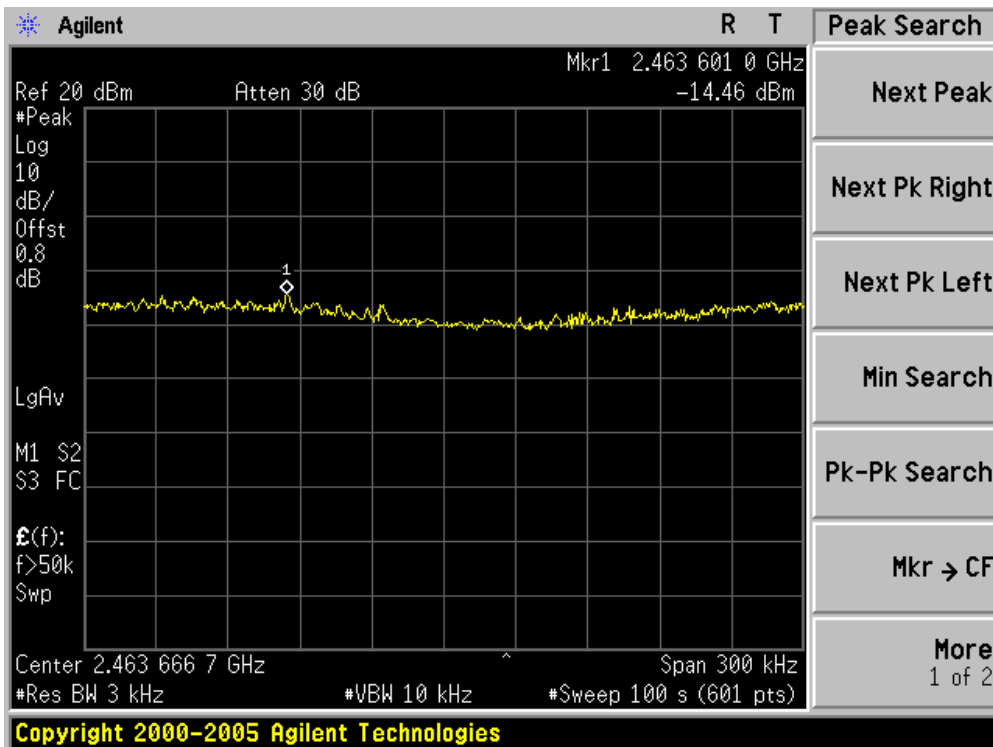
Channel 01 (2412MHz) – Chain 100



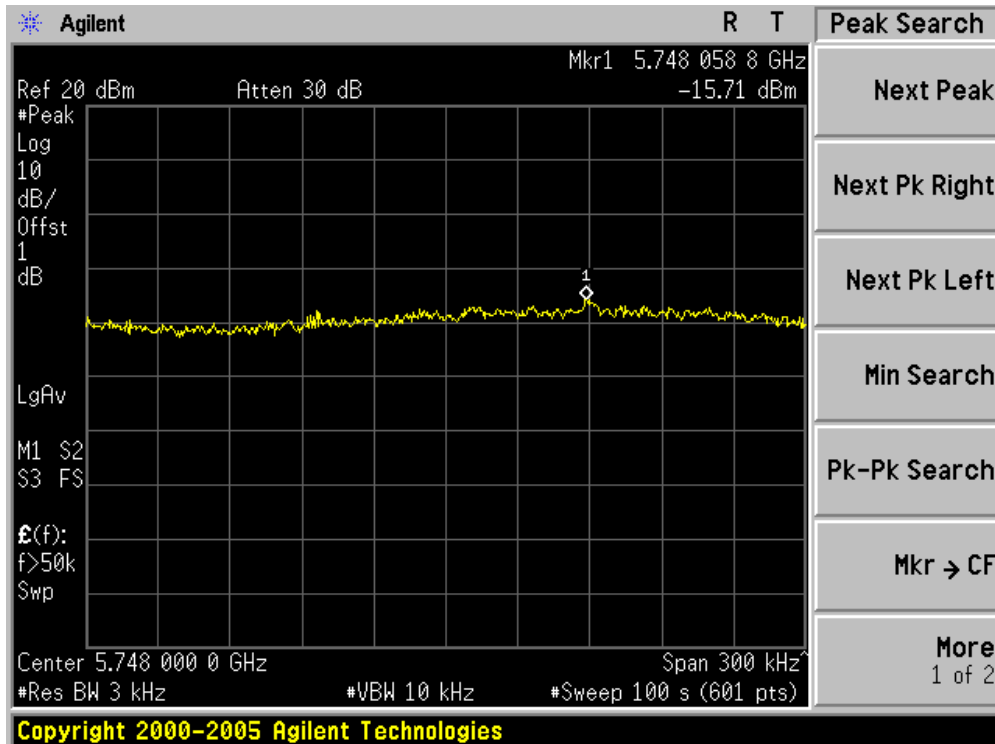
Channel 06 (2437MHz) – Chain 100



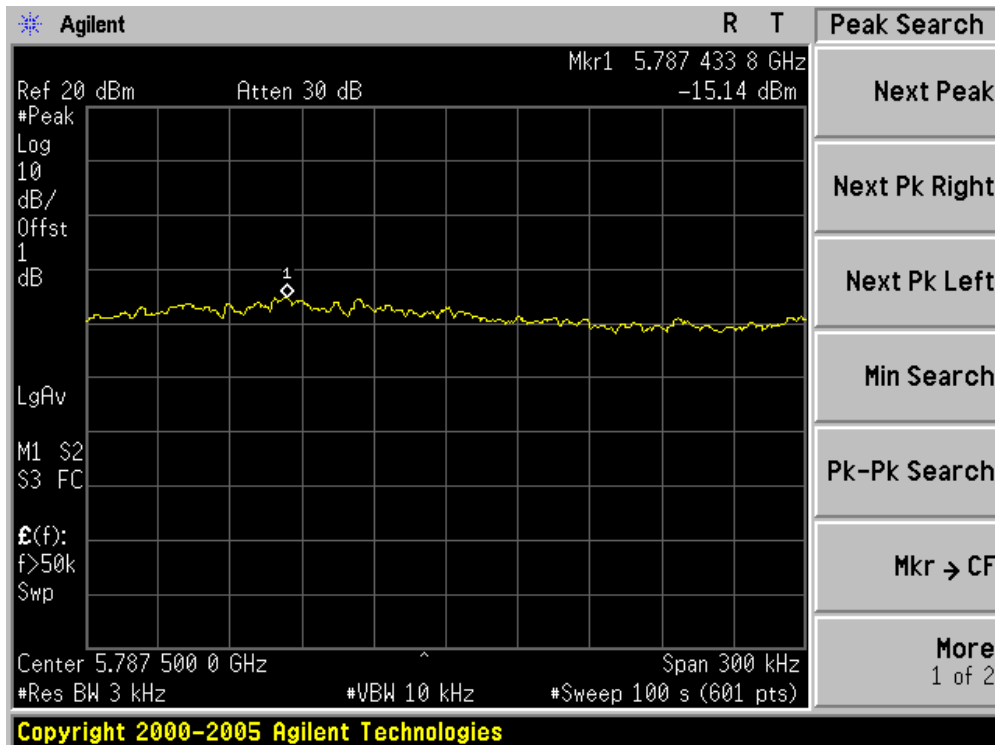
Channel 11 (2462MHz) – Chain 100



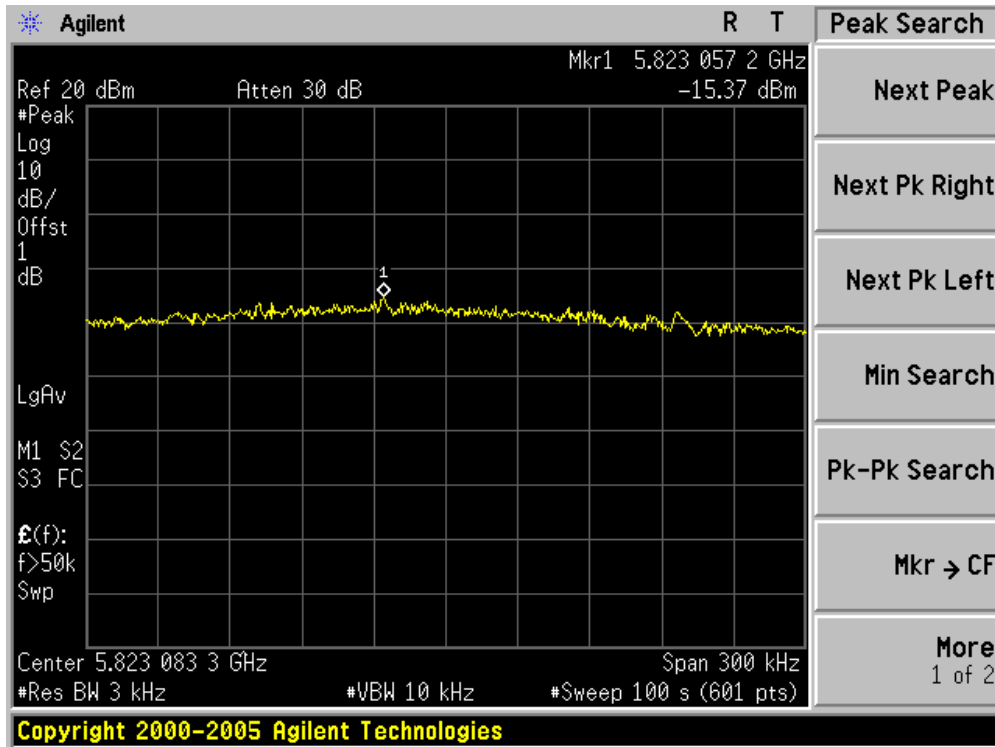
Channel 149 (5745MHz) – Chain 100



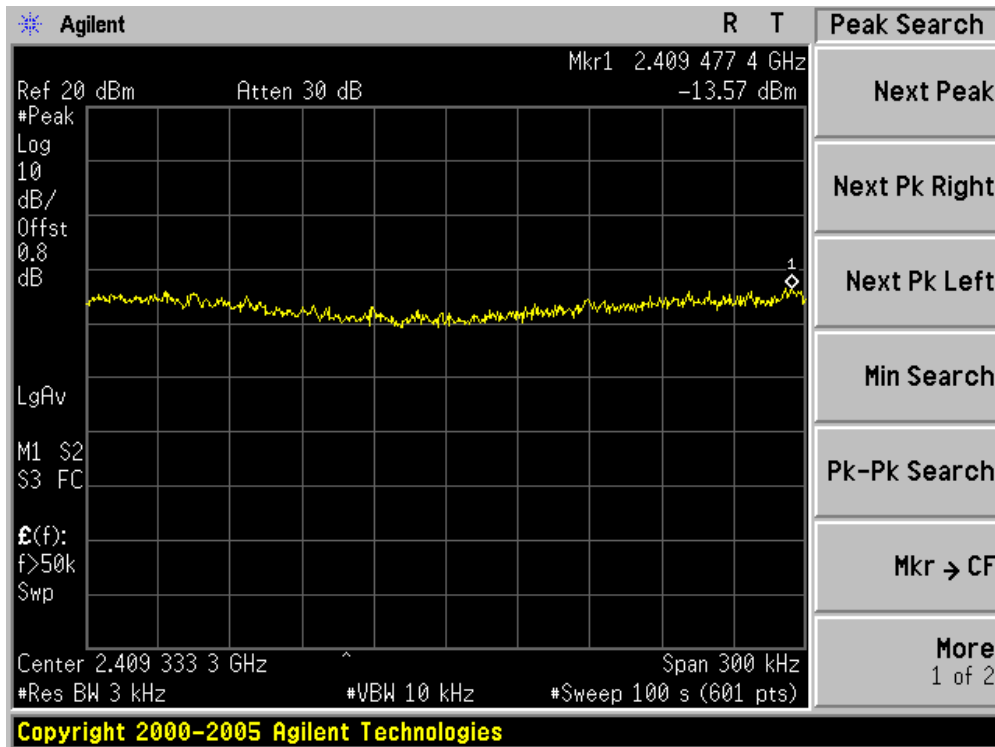
Channel 157 (5785MHz) – Chain 100



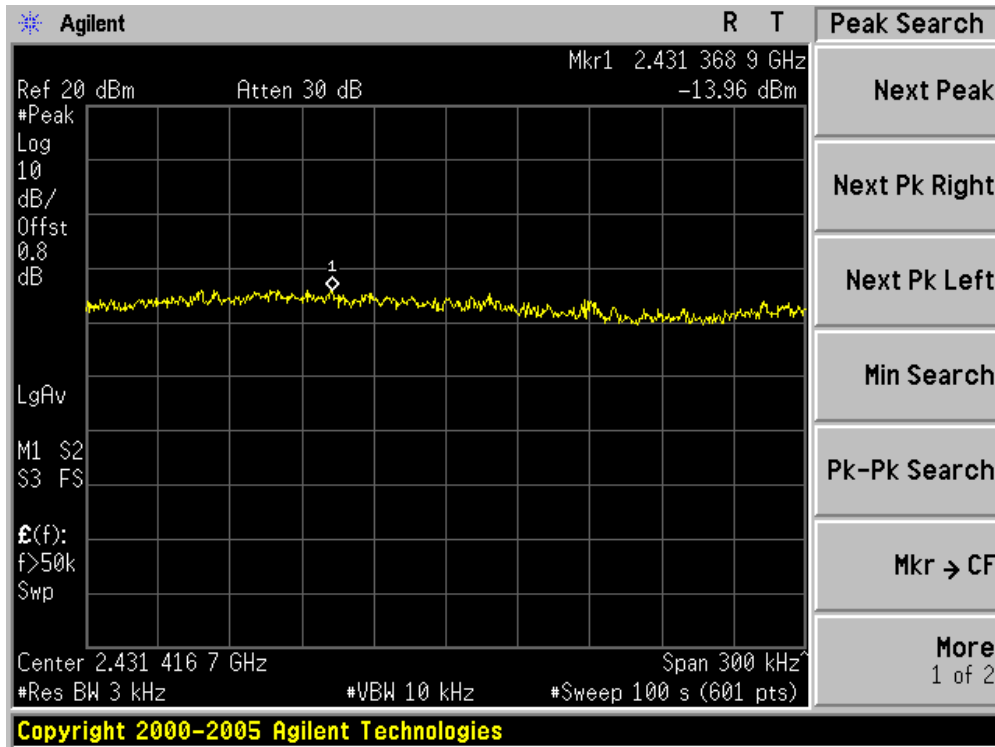
Channel 165 (5825MHz) – Chain 100



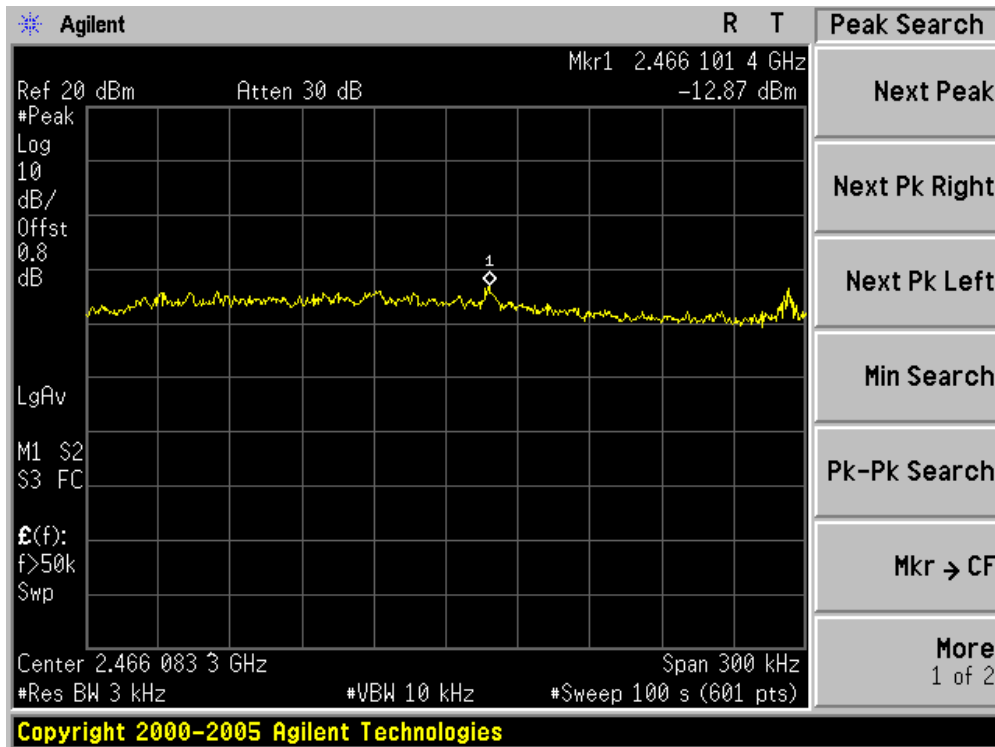
Channel 01 (2412MHz) – Chain 001



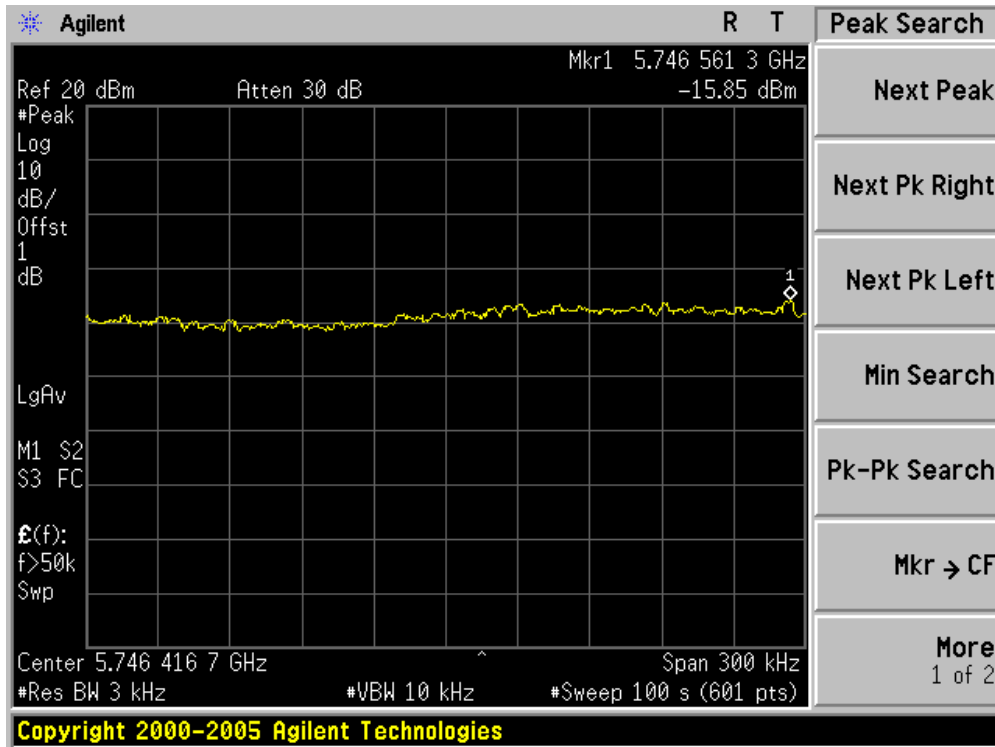
Channel 06 (2437MHz) – Chain 001



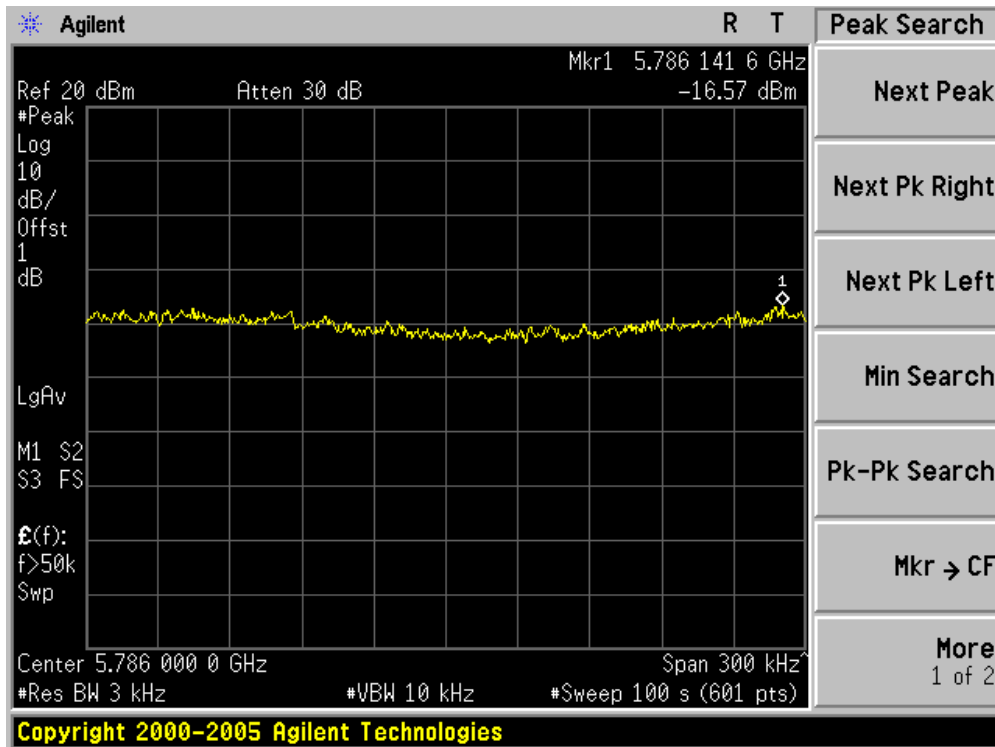
Channel 11 (2462MHz) – Chain 001



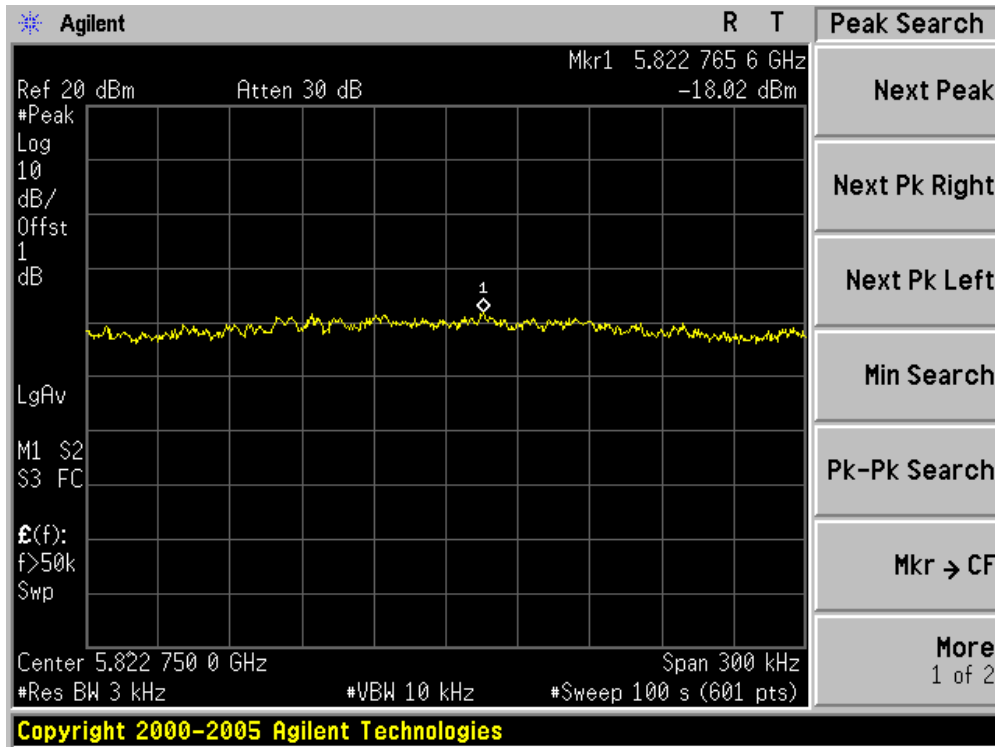
Channel 149 (5745MHz) – Chain 001



Channel 157 (5785MHz) – Chain 001



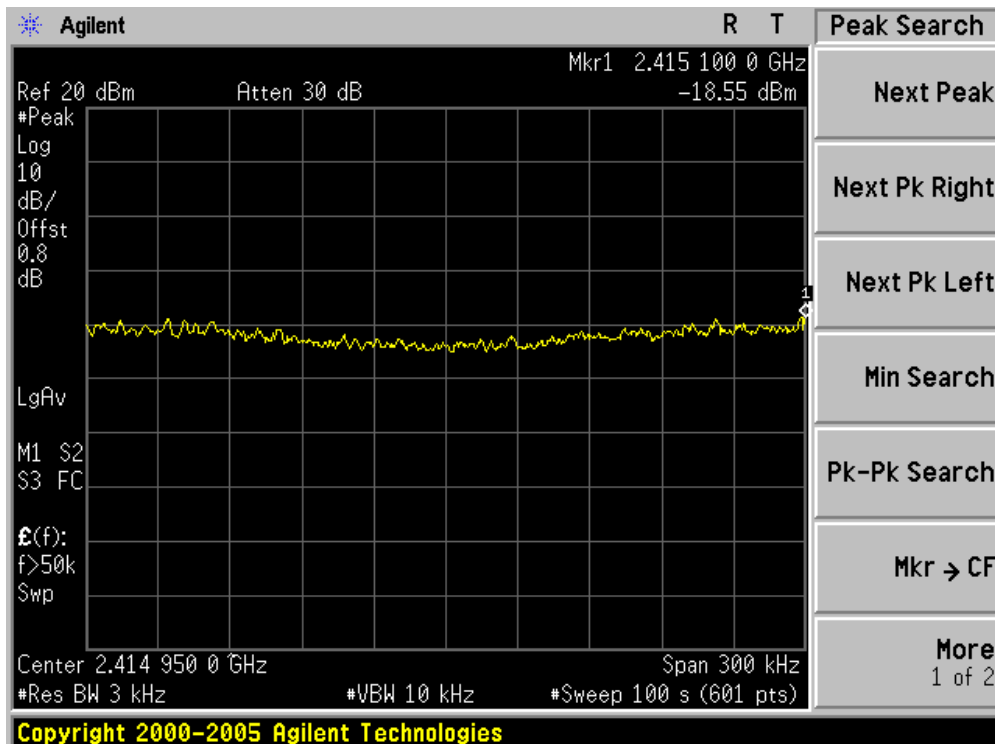
Channel 165 (5825MHz) – Chain 001



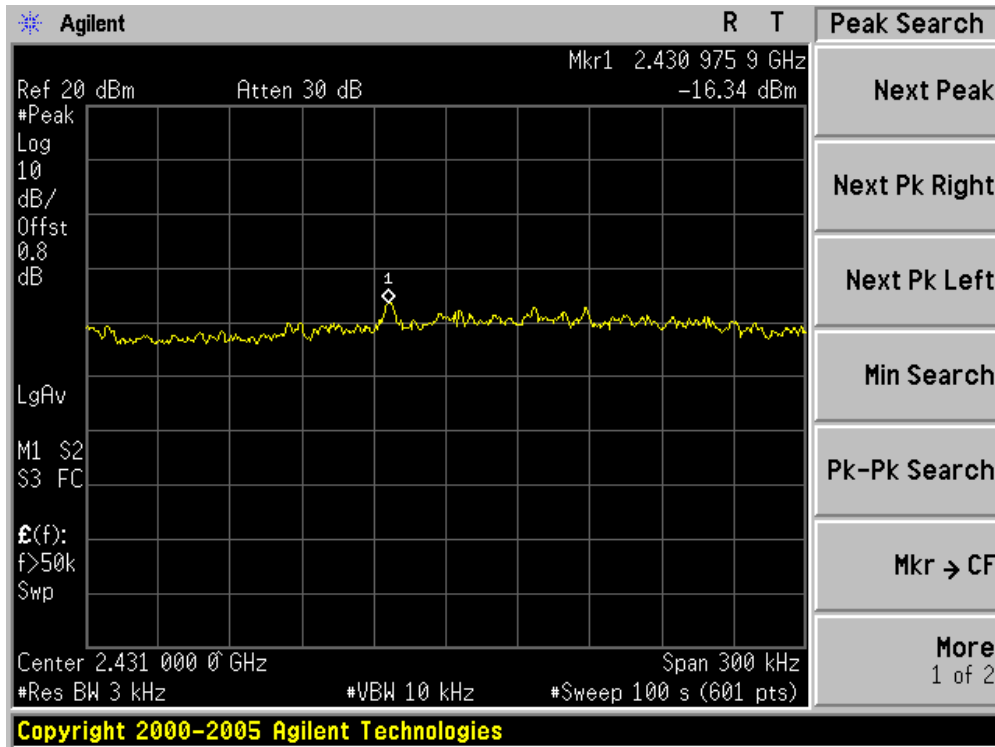
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 101)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 100	Chain 001			
03	2422	-18.55	-19.01	-15.76	8	Pass
06	2437	-16.34	-17.04	-13.67	8	Pass
09	2452	-19.09	-18.14	-15.58	8	Pass
151	5755	-17.11	-19.65	-15.19	8	Pass
159	5795	-20.25	-20.97	-17.58	8	Pass

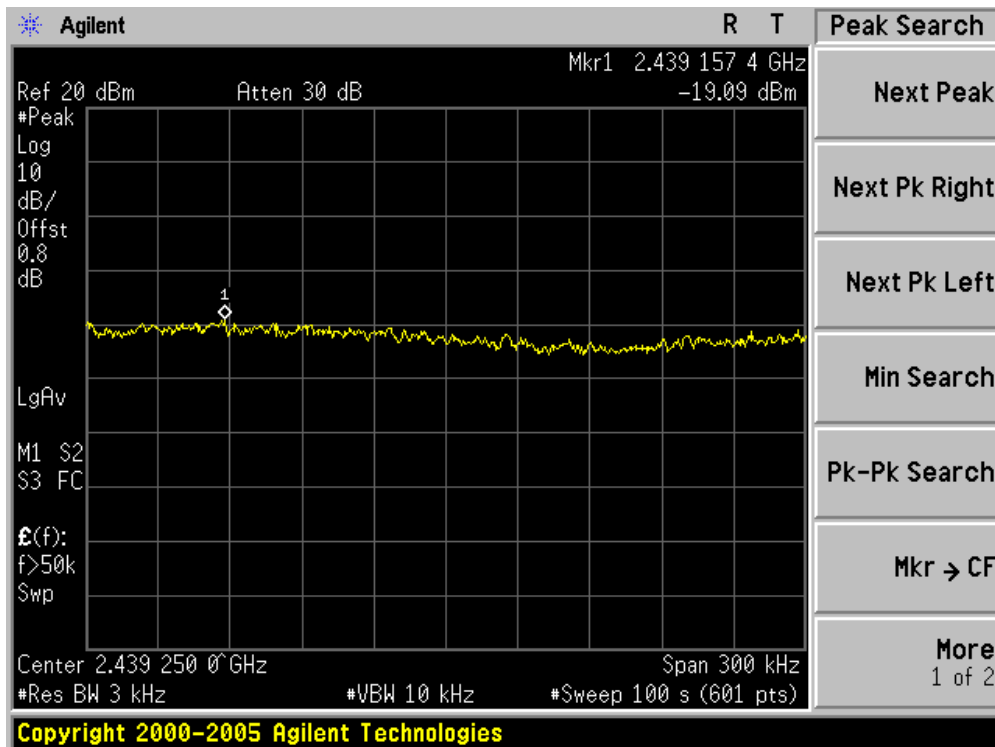
Channel 03 (2422MHz) – Chain 100



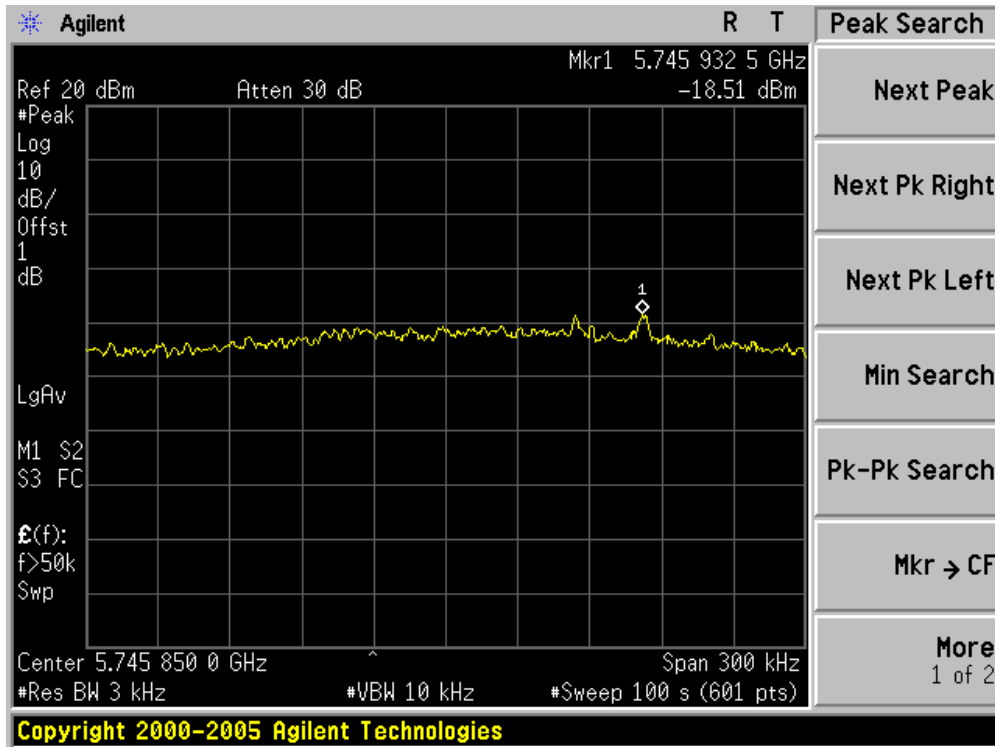
Channel 06 (2437MHz) – Chain 100



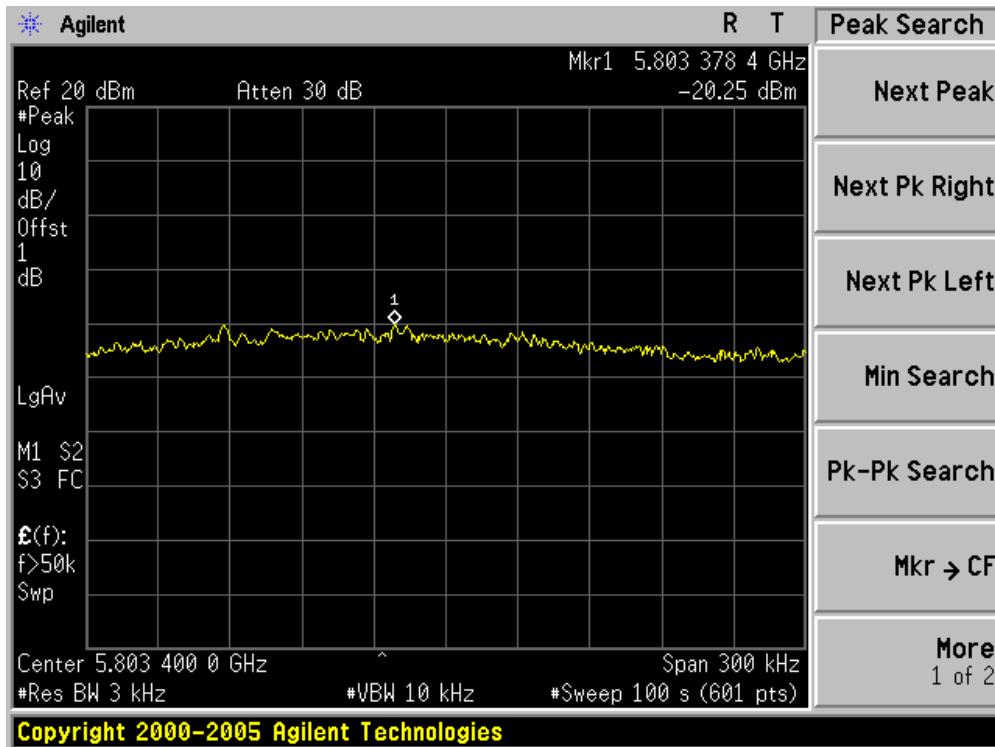
Channel 09 (2452MHz) – Chain 100



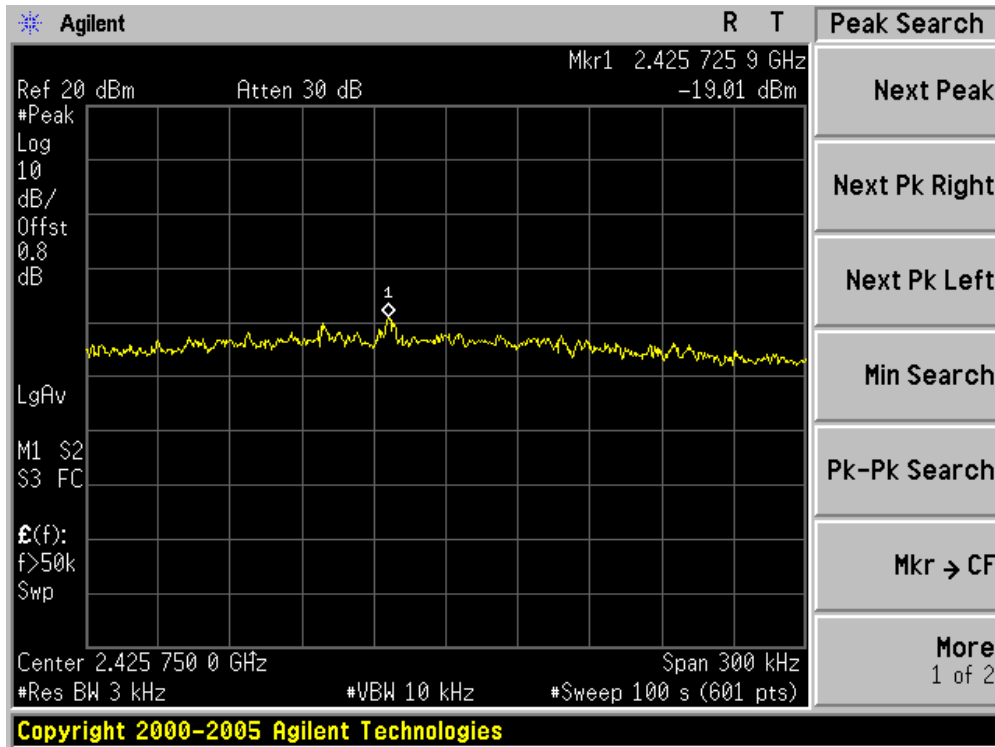
Channel 151 (5755MHz) – Chain 100



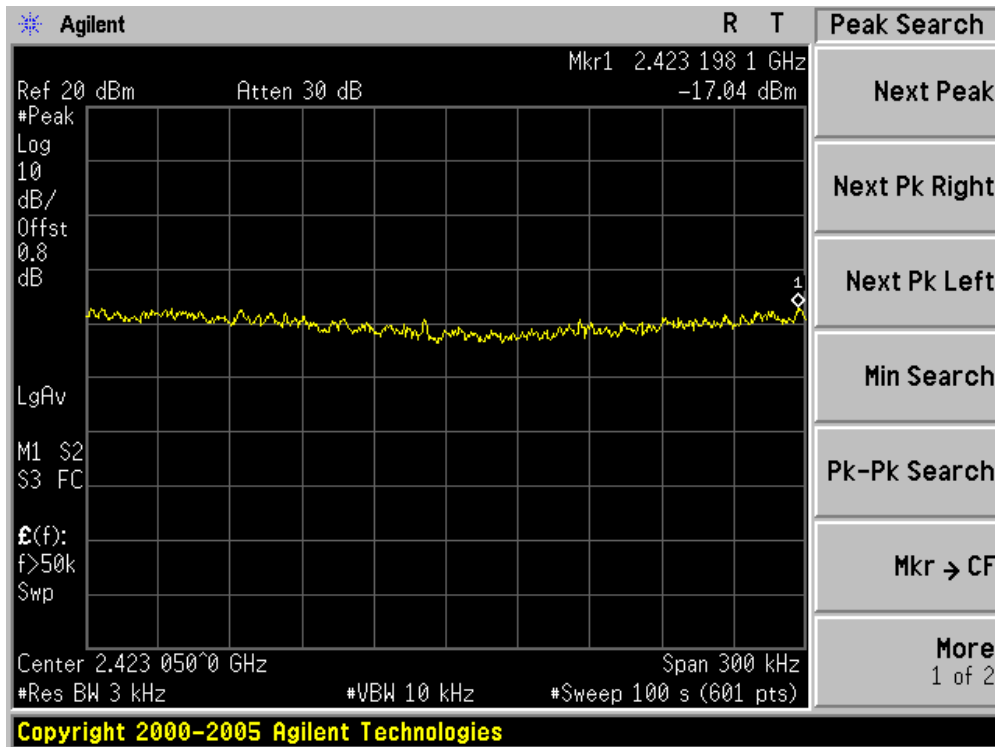
Channel 159 (5795MHz) – Chain 100



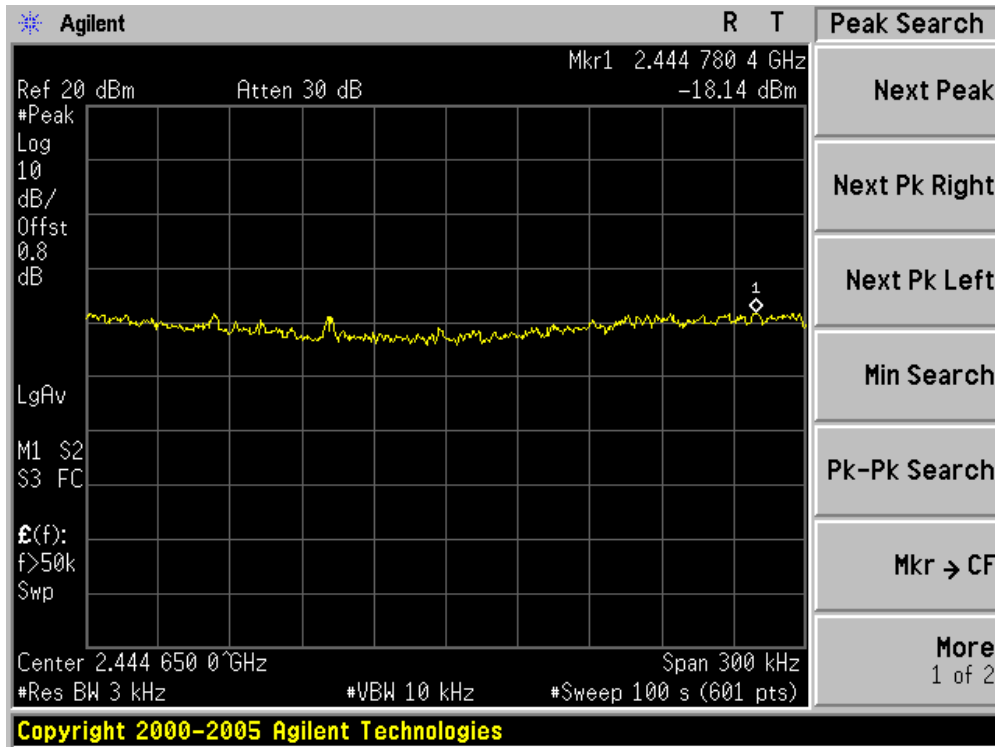
Channel 03 (2422MHz) – Chain 001



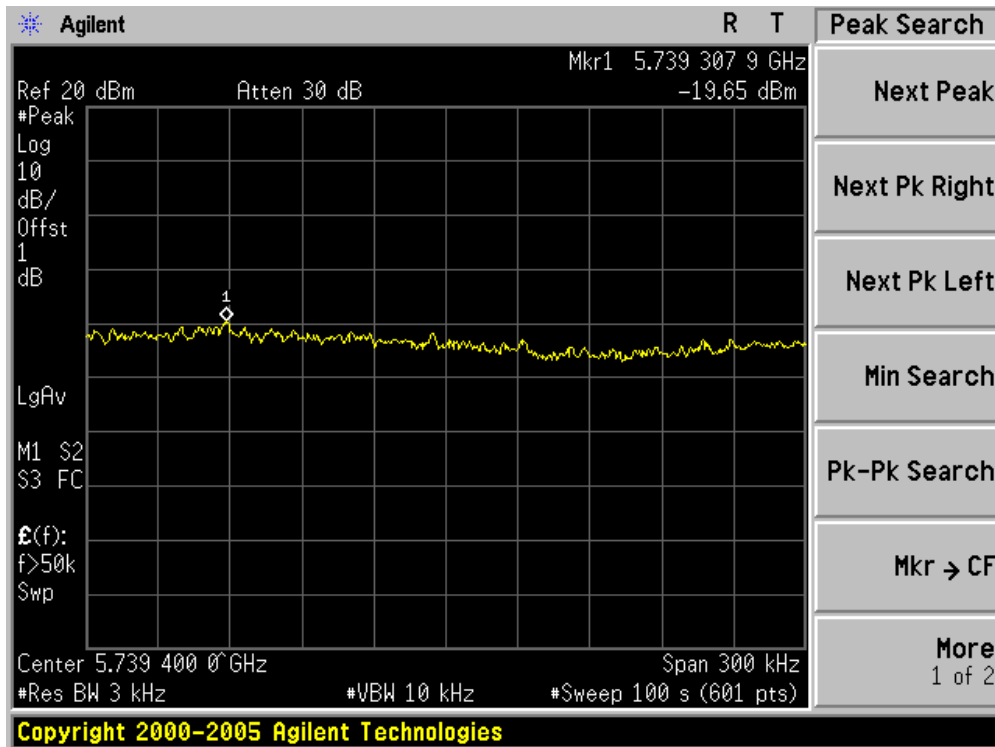
Channel 06 (2437MHz) – Chain 001



Channel 09 (2452MHz) – Chain 001



Channel 151 (5755MHz) – Chain 001



Channel 159 (5795MHz) – Chain 001

