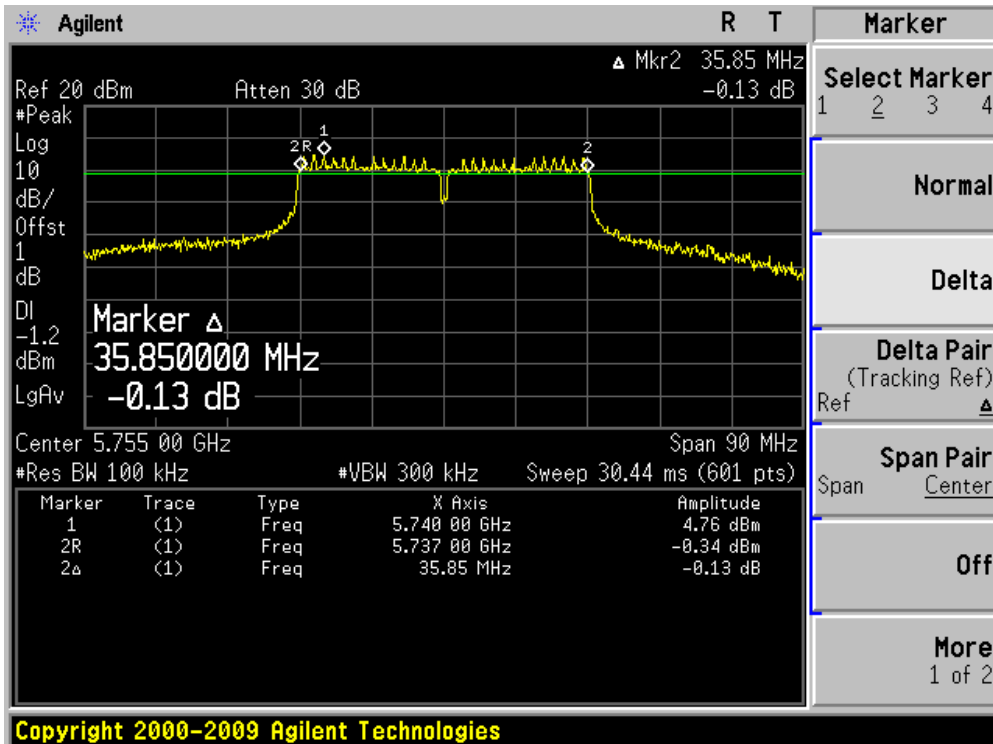
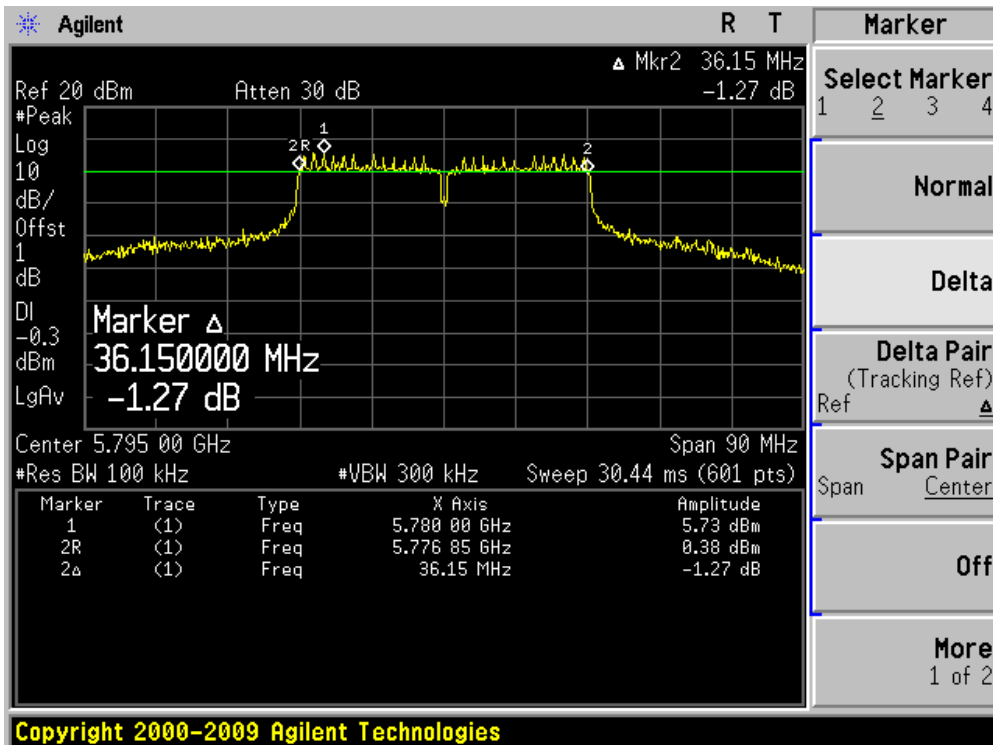


Channel 151 (5755MHz)



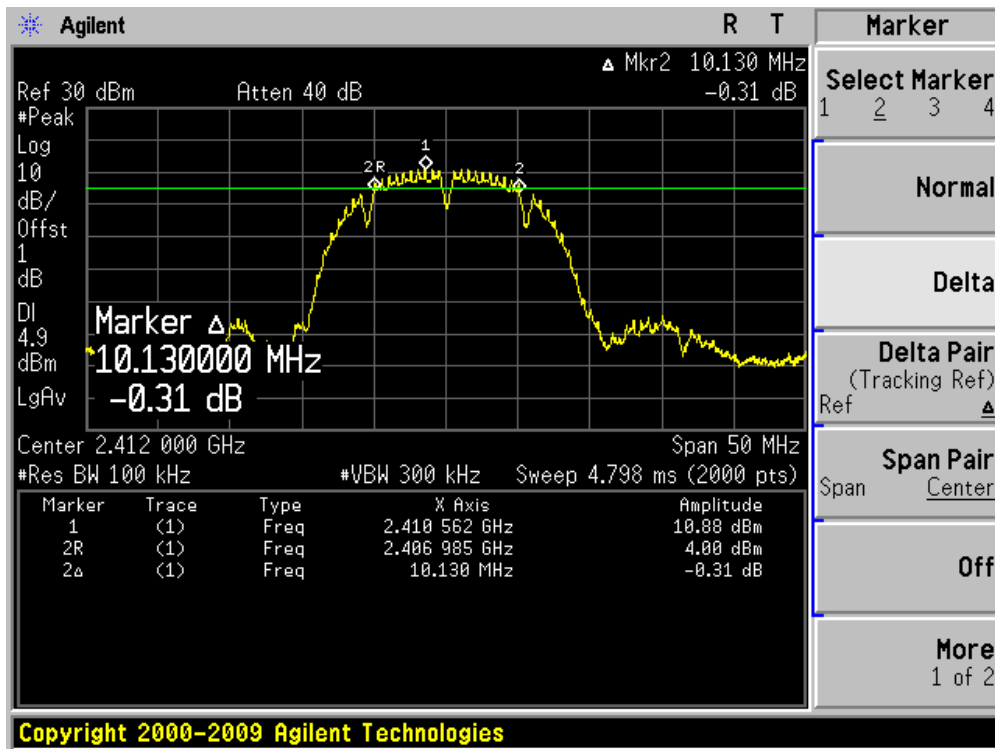
Channel 159 (5795MHz)



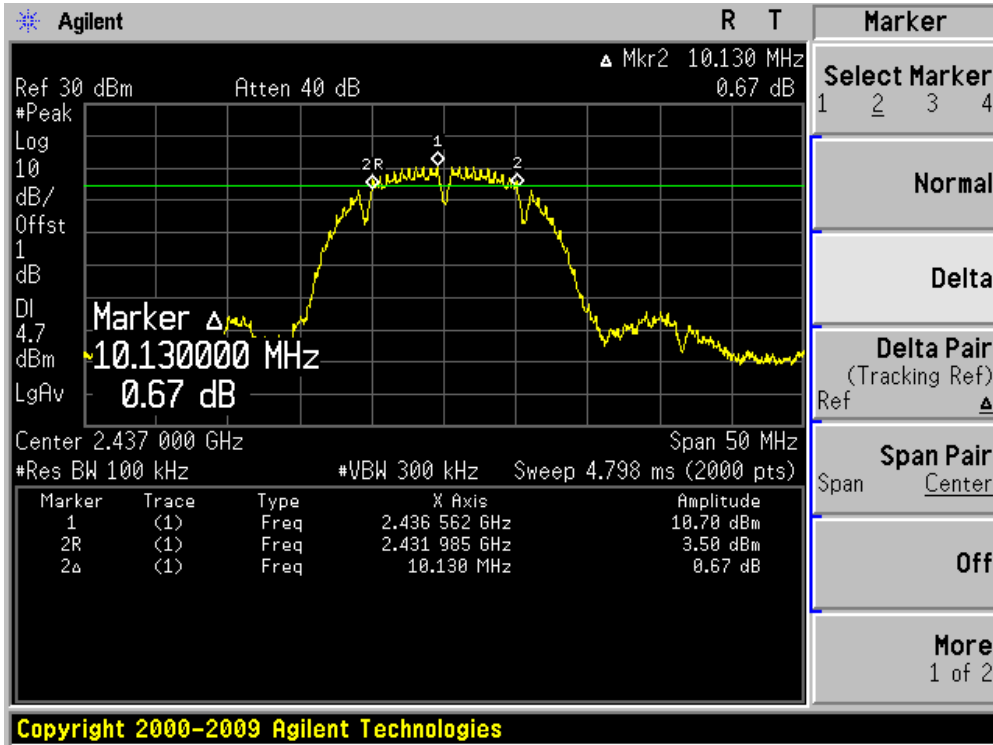
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	10130	500	Pass
06	2437	10130	500	Pass
11	2462	10155	500	Pass

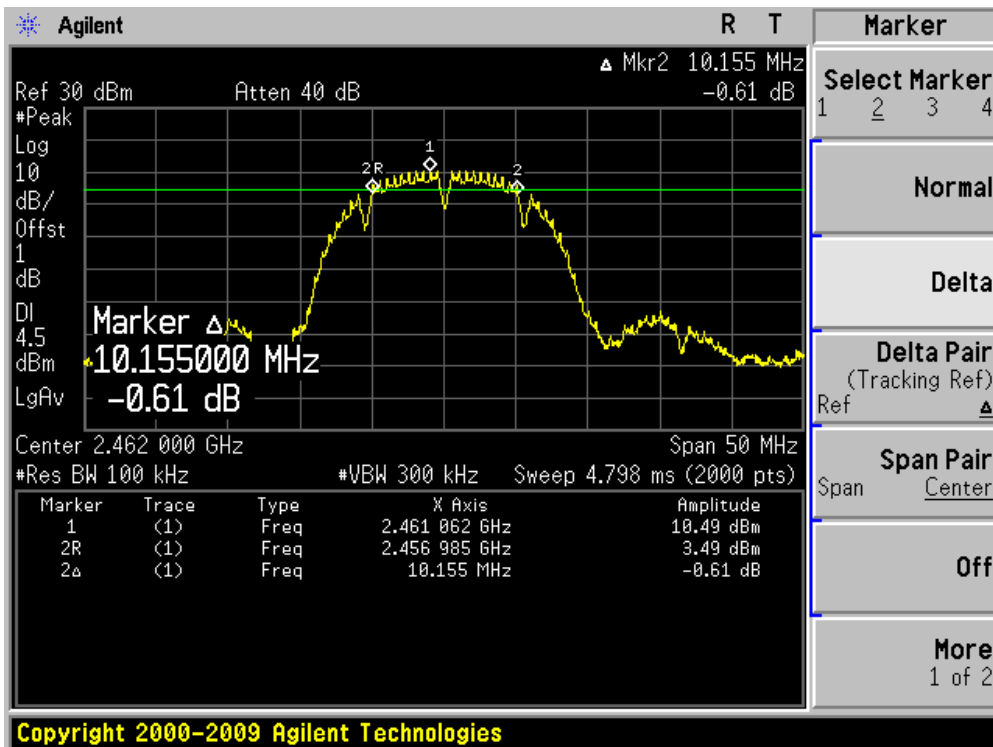
Channel 01 (2412MHz)



Channel 06 (2437MHz)



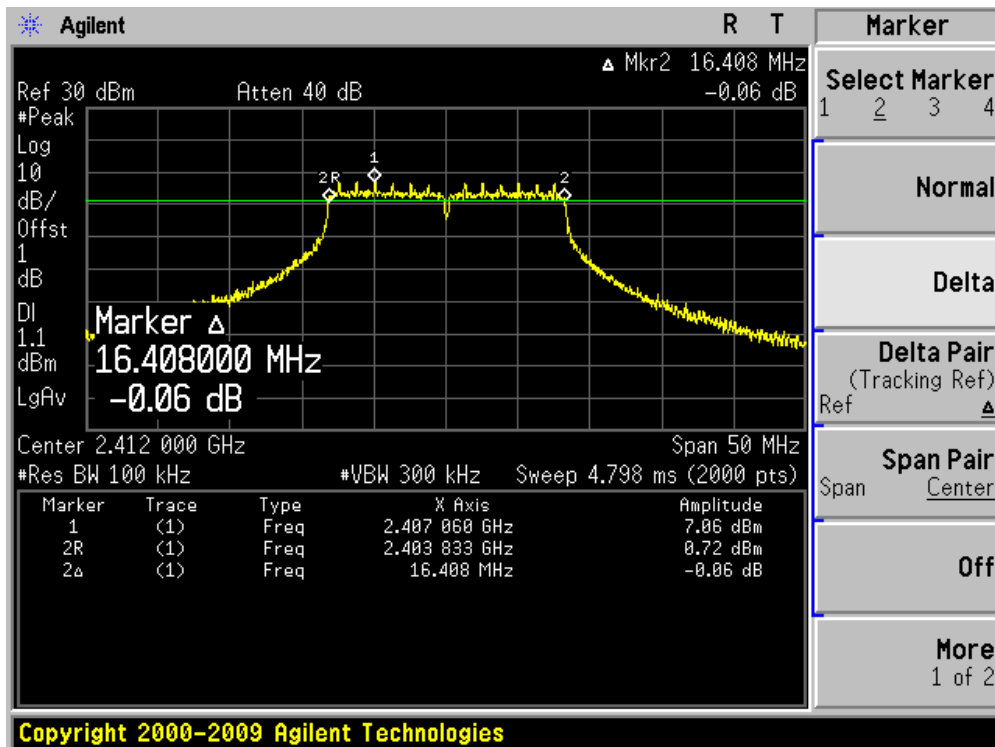
Channel 11 (2462MHz)



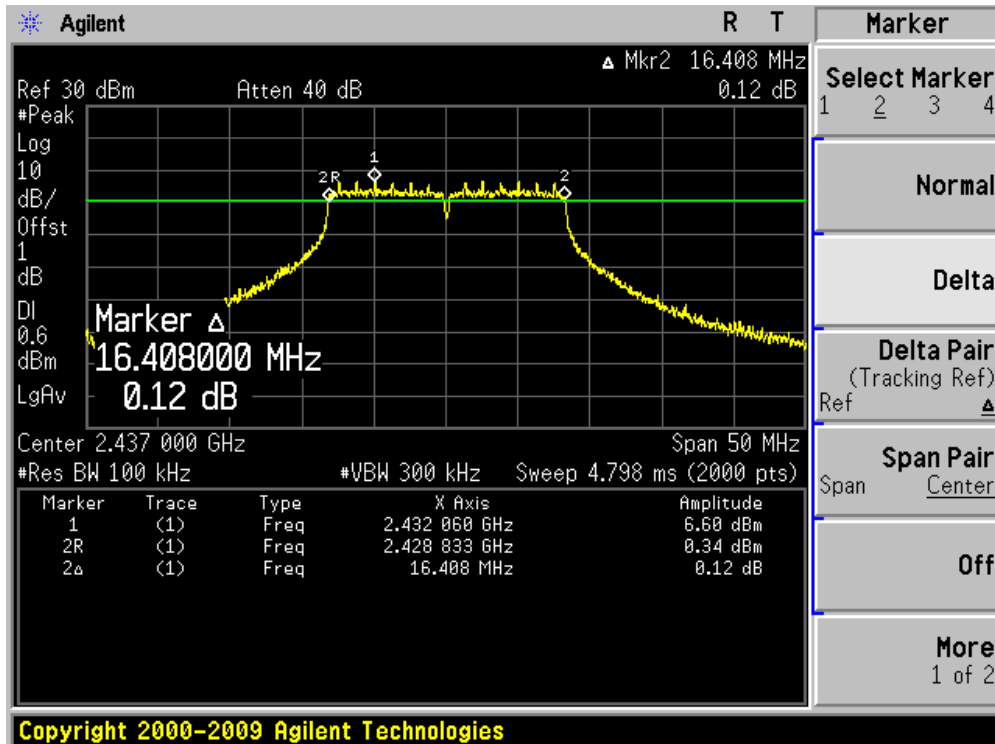
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16408	500	Pass
06	2437	16408	500	Pass
11	2462	16508	500	Pass

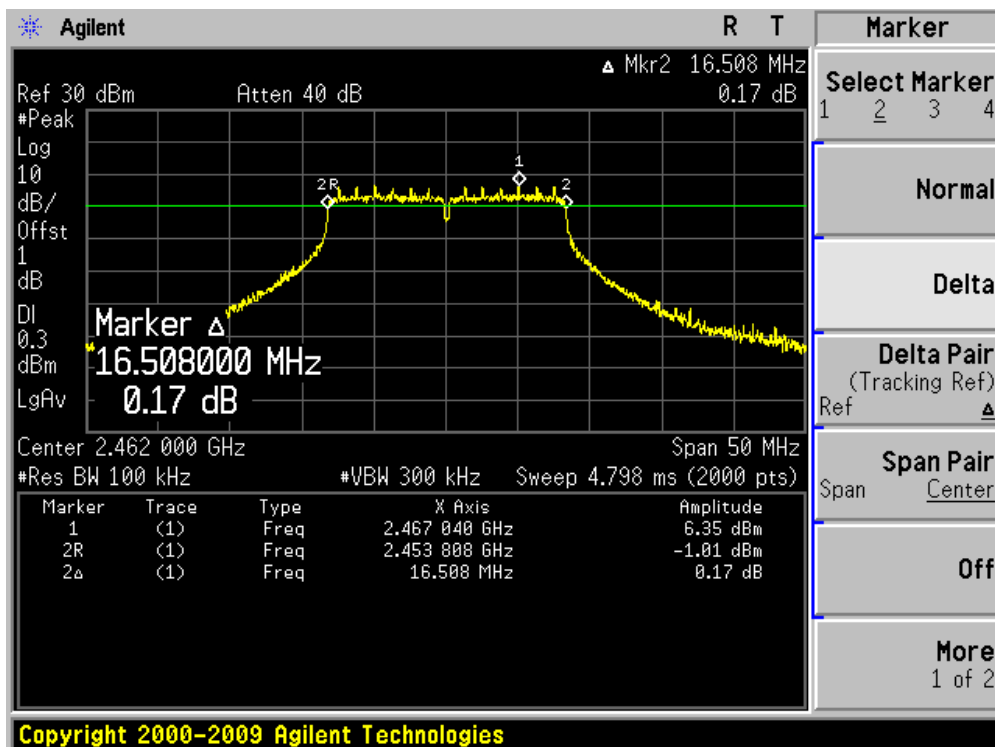
Channel 01 (2412MHz)



Channel 06 (2437MHz)



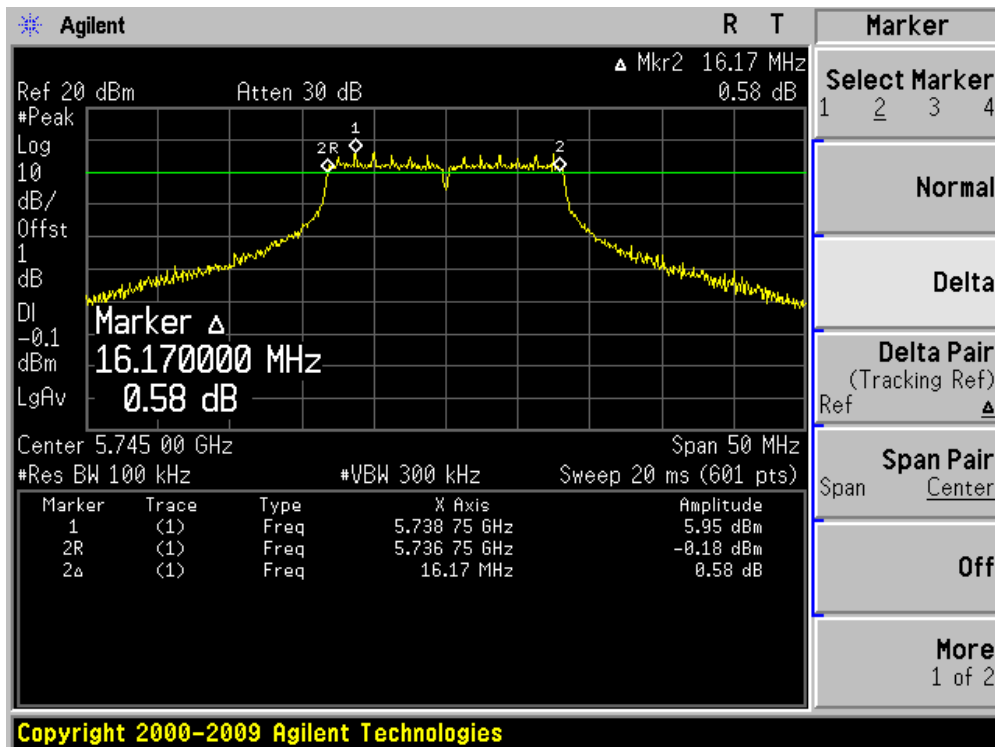
Channel 11 (2462MHz)



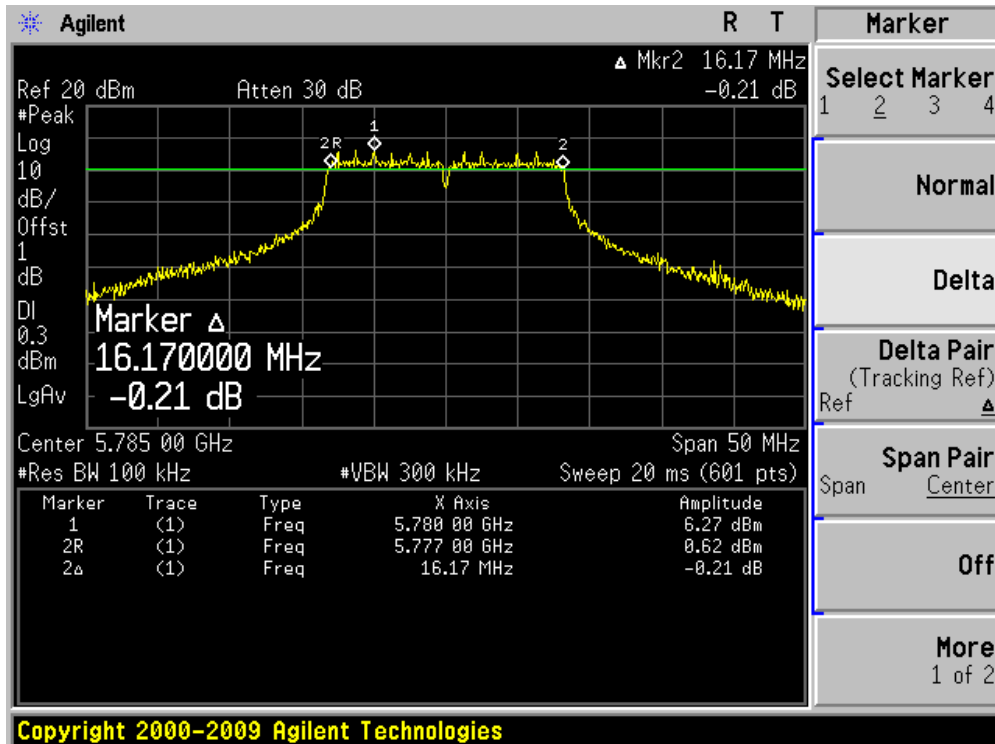
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 3: Transmit by 802.11a (Chain 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16170	500	Pass
157	5785	16170	500	Pass
165	5825	16250	500	Pass

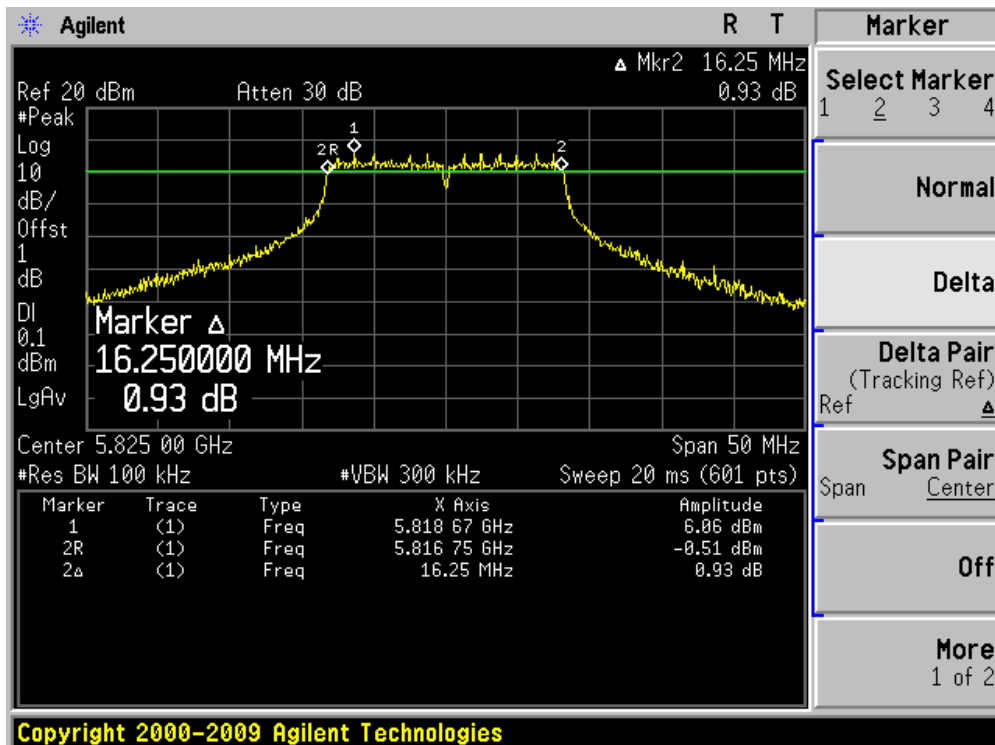
Channel 149 (5745MHz)



Channel 157 (5785MHz)



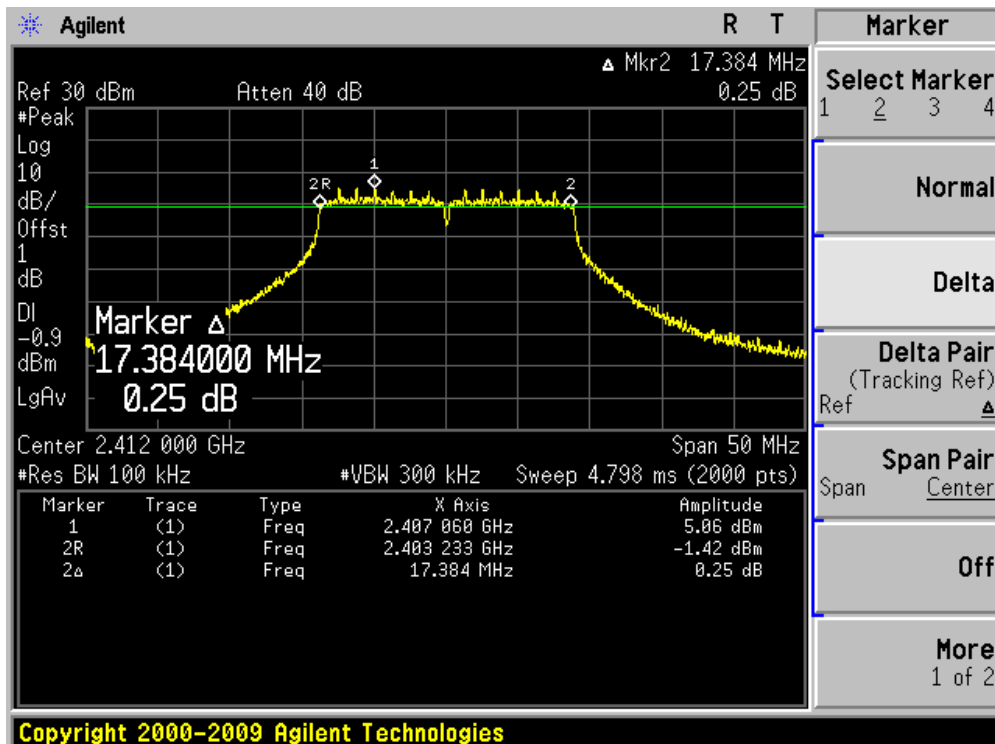
Channel 165 (5825MHz)



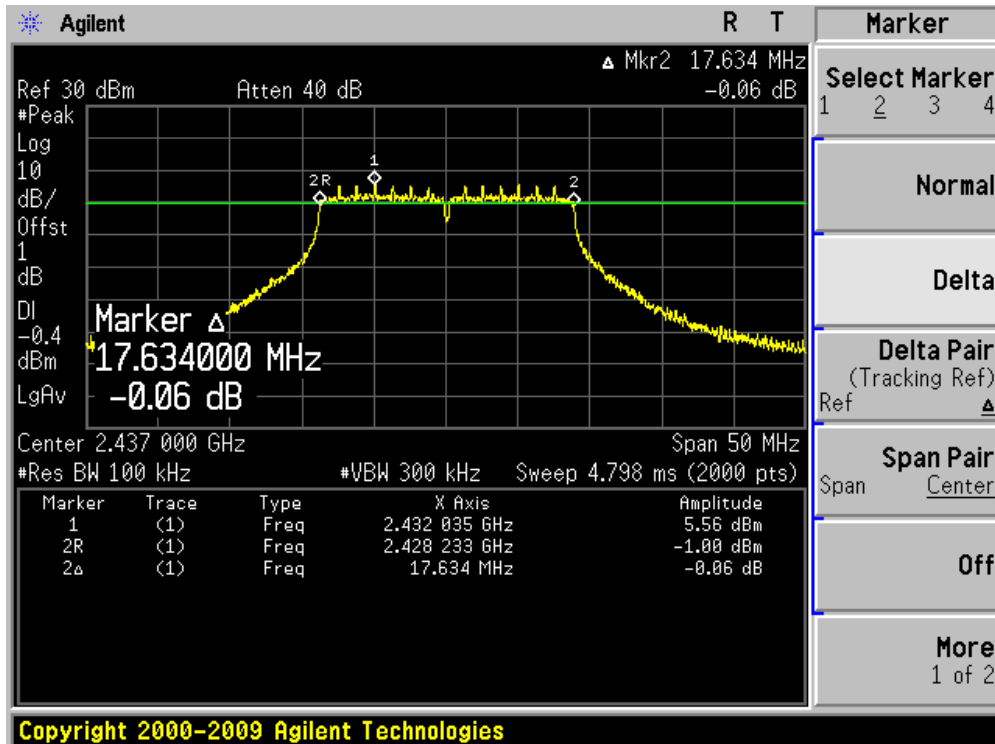
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 4: Transmit by 802.11n (20MHz) (Chain 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17384	500	Pass
06	2437	17634	500	Pass
11	2462	17634	500	Pass
149	5745	17580	500	Pass
157	5785	17250	500	Pass
165	5825	17580	500	Pass

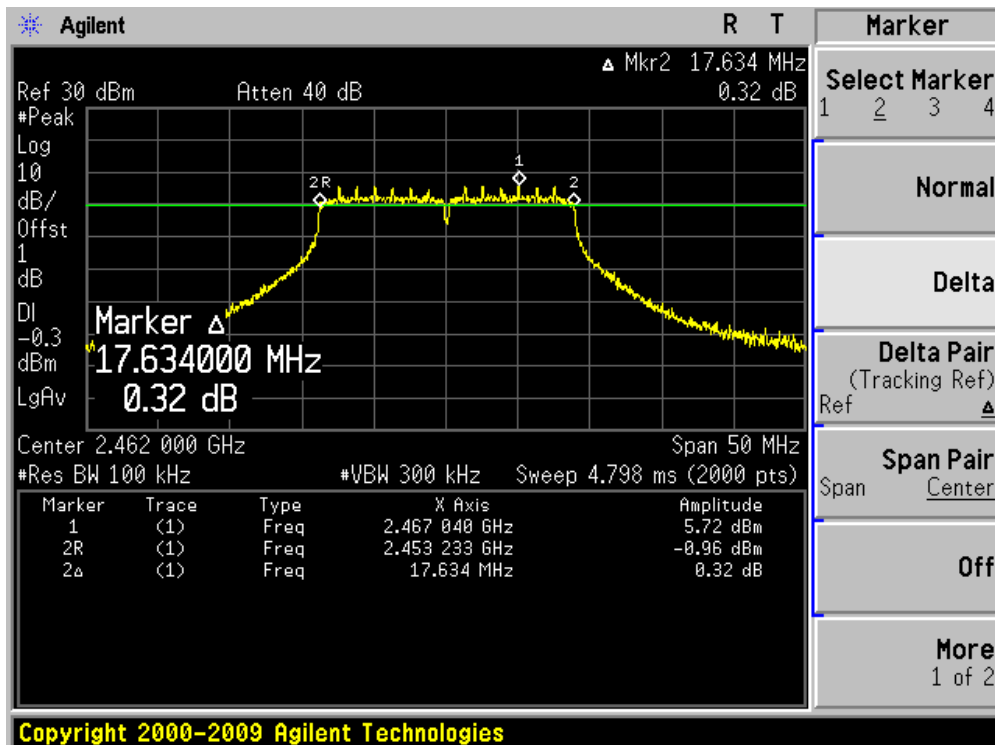
Channel 01 (2412MHz)



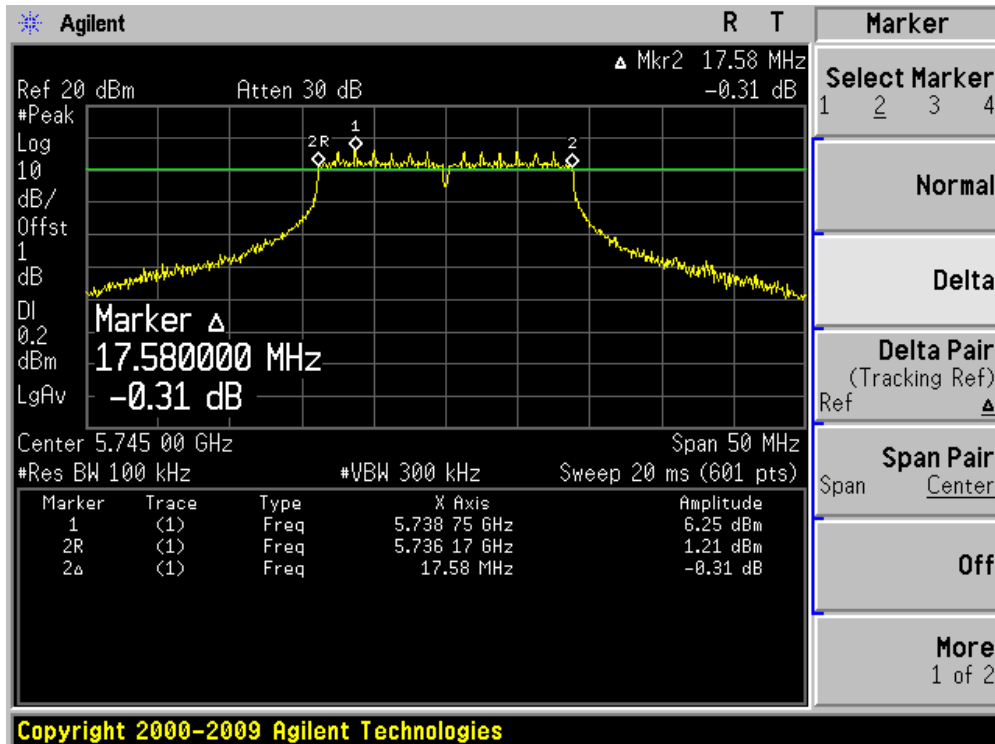
Channel 06 (2437MHz)



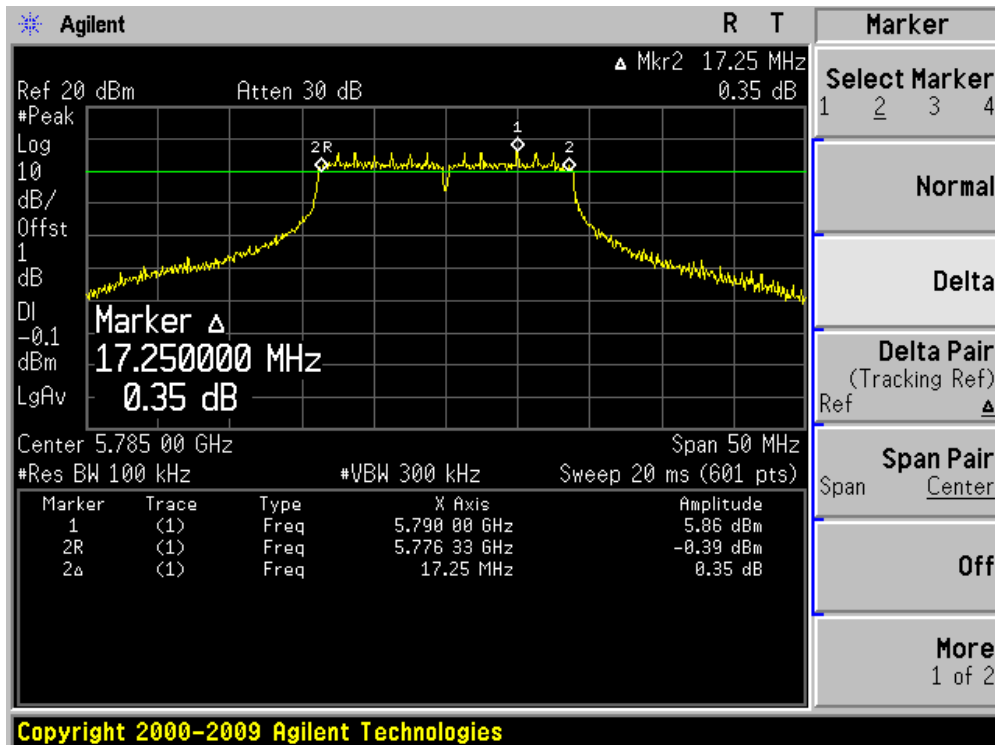
Channel 11 (2462MHz)



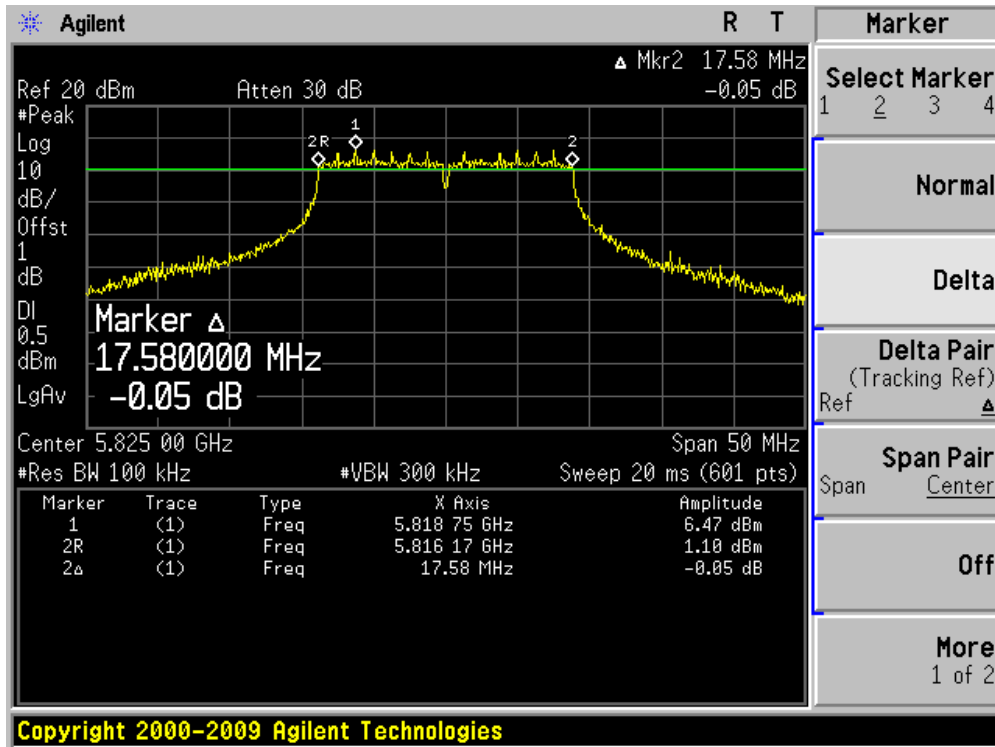
Channel 149 (5745MHz)



Channel 157 (5785MHz)



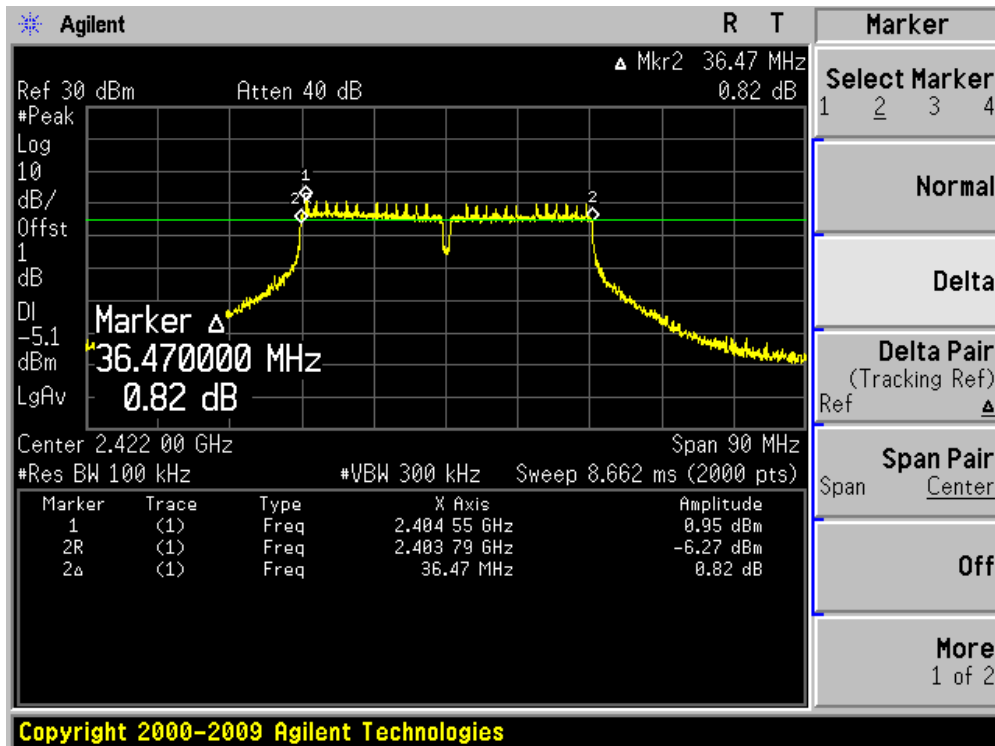
Channel 165 (5825MHz)



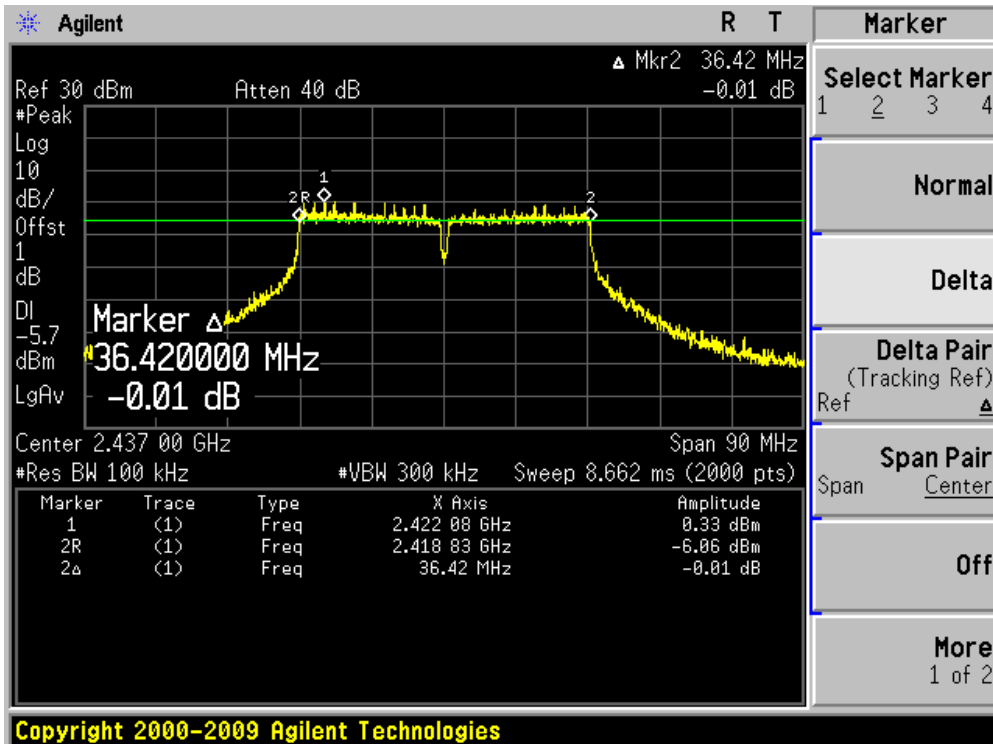
Product	: Wireless LAN access Point
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 5: Transmit by 802.11n (40MHz) (Chain 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	36470	500	Pass
06	2437	36420	500	Pass
09	2452	36470	500	Pass
151	5755	36300	500	Pass
159	5795	36300	500	Pass

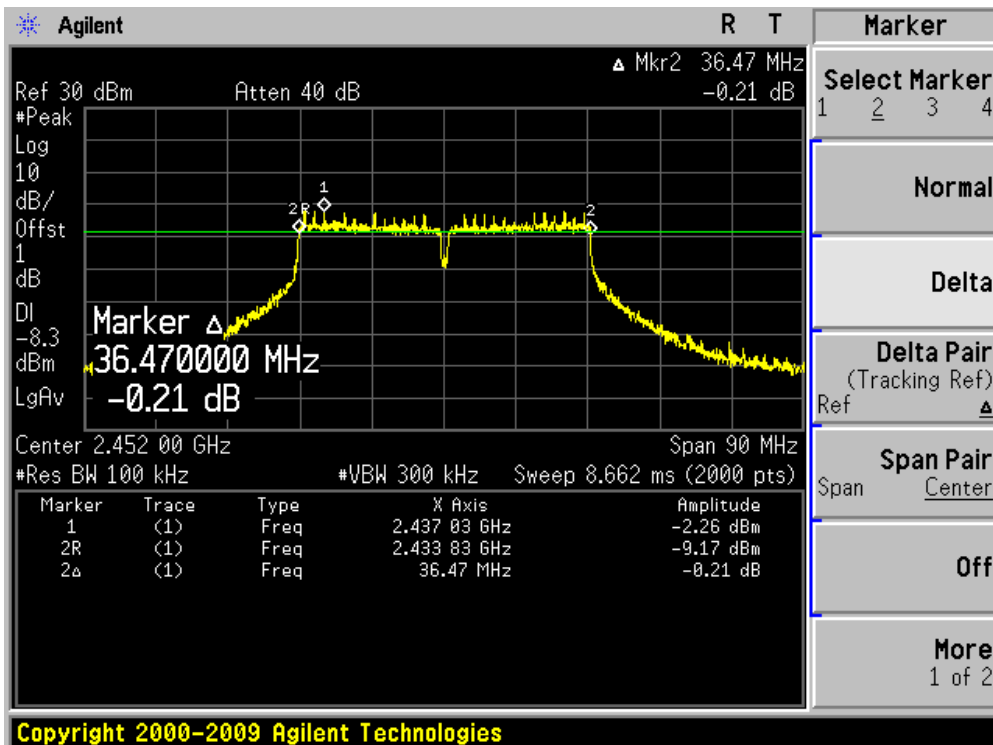
Channel 03 (2422MHz)



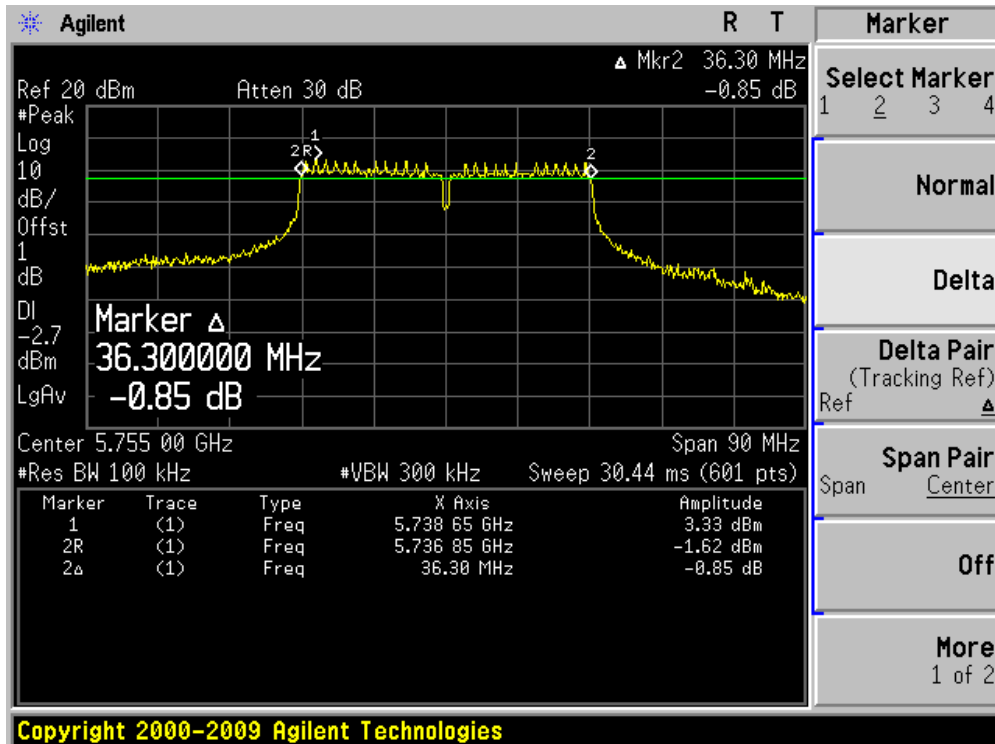
Channel 06 (2437MHz)



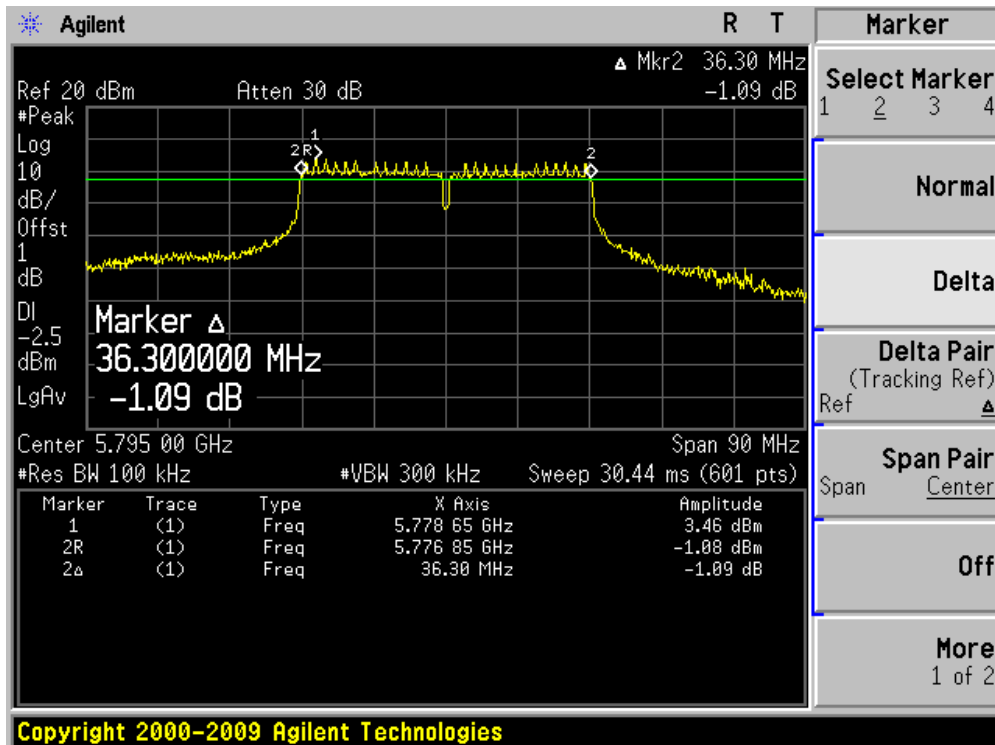
Channel 09 (2452MHz)



Channel 151 (5755MHz)



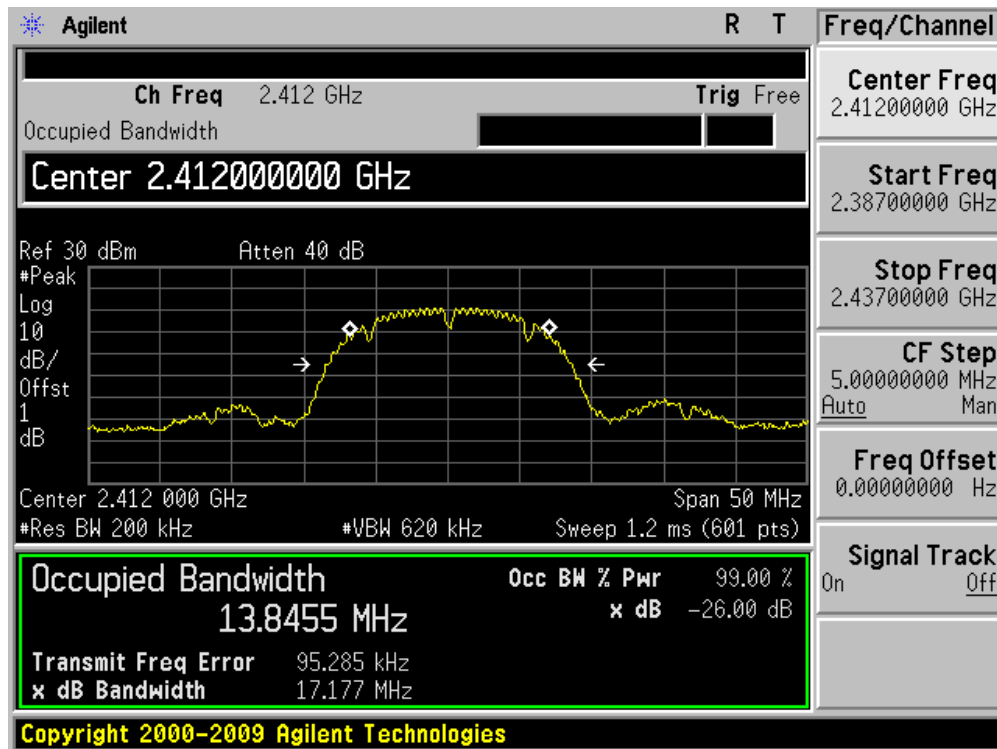
Channel 159 (5795MHz)



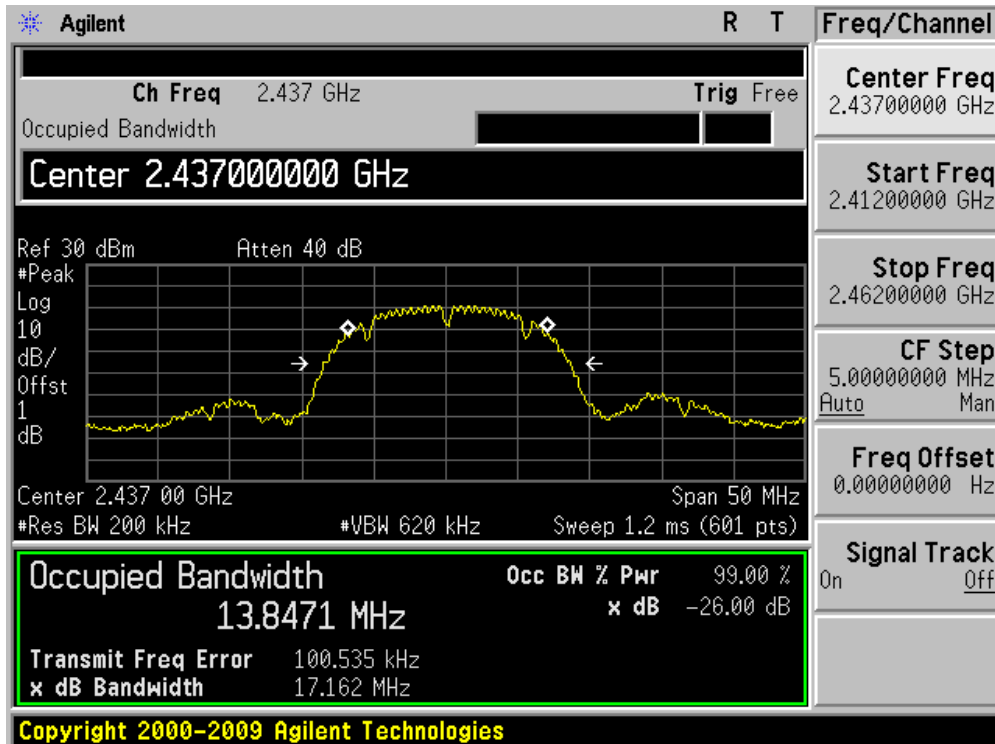
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	13845.5
06	2437	13847.1
11	2462	13770.5

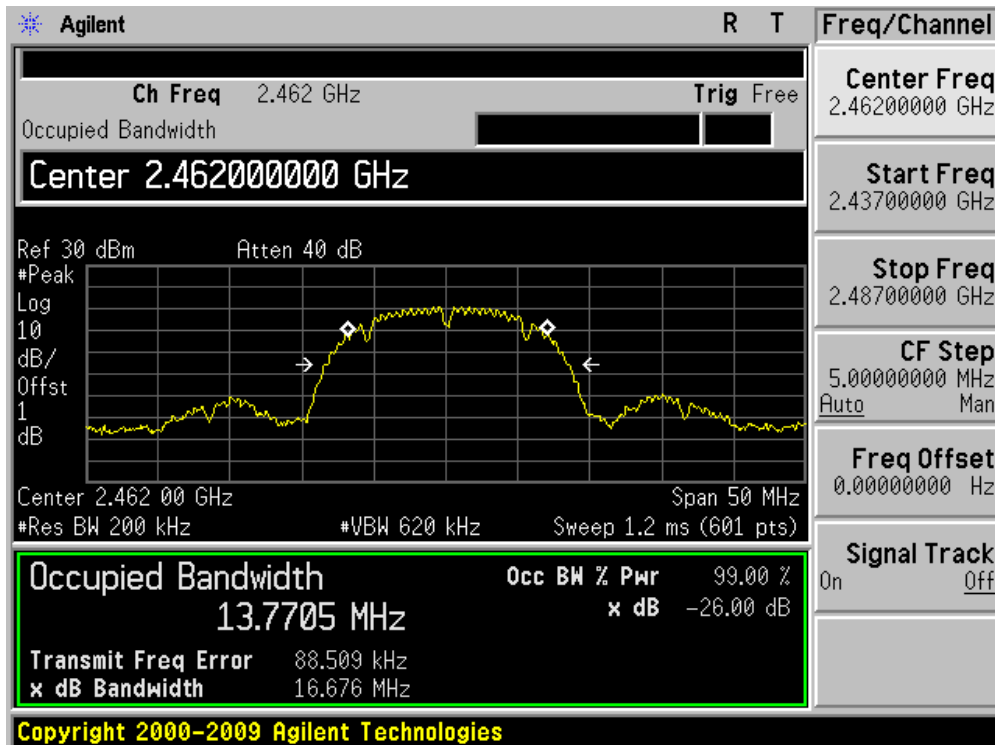
Channel 01 (2412MHz)



Channel 06 (2437MHz)



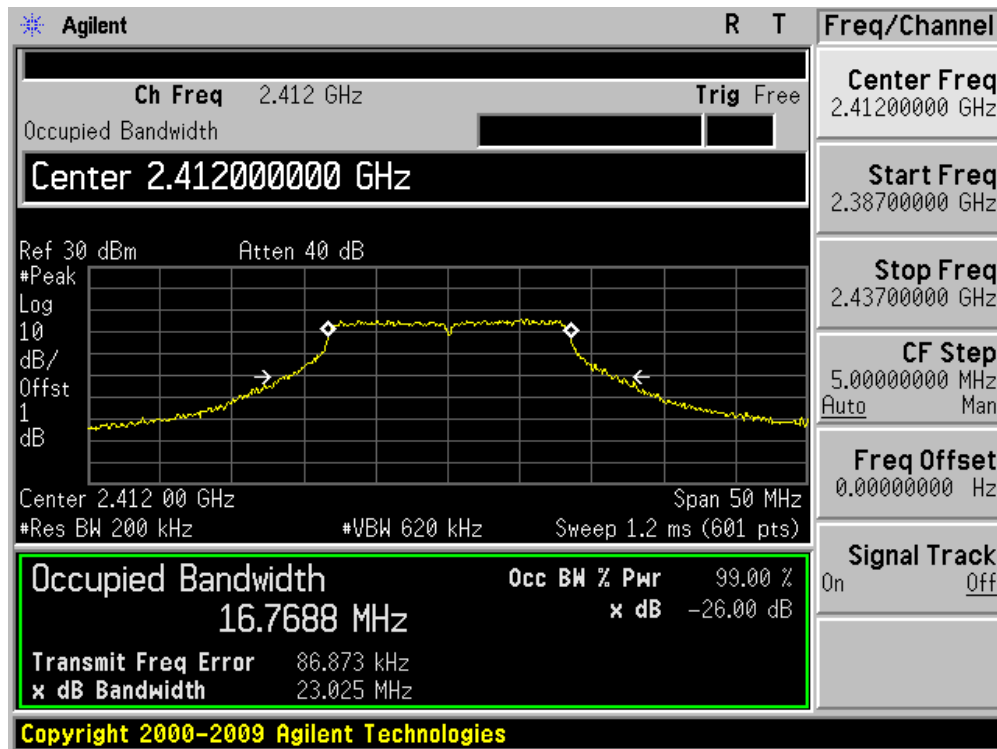
Channel 11 (2462MHz)



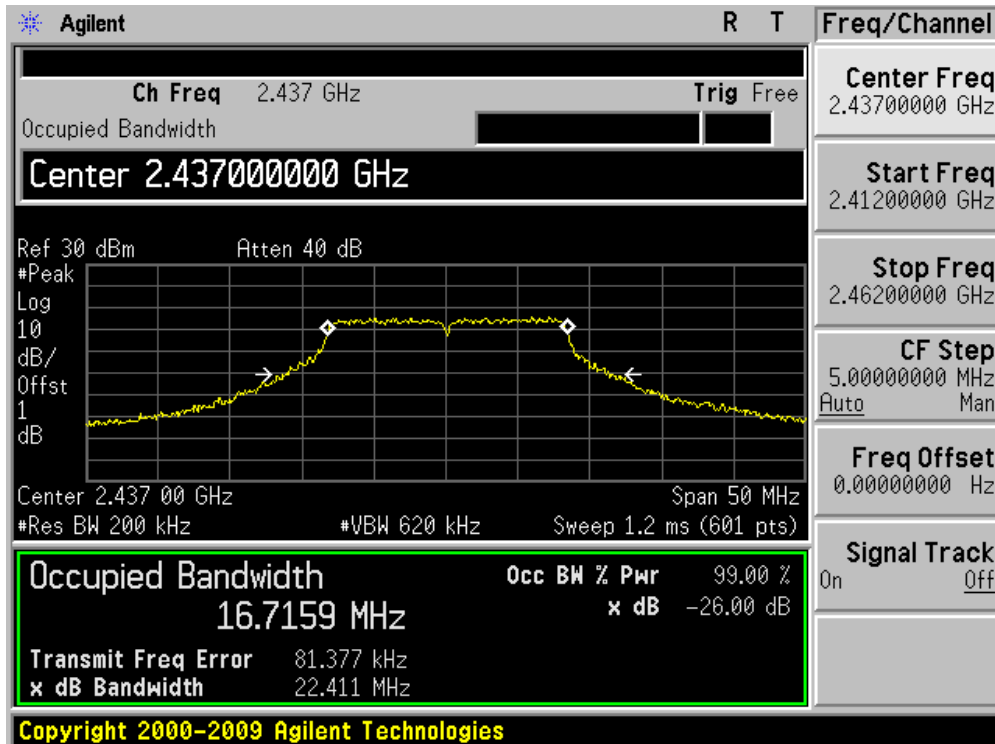
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	16768.8
06	2437	16715.9
11	2462	16763.7

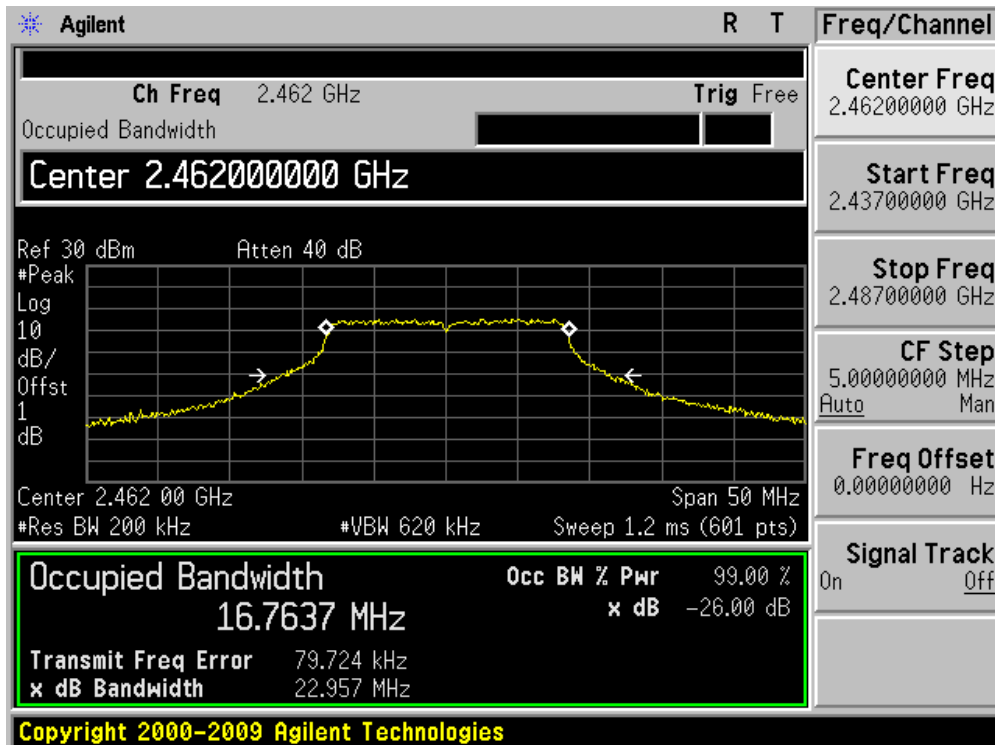
Channel 01 (2412MHz)



Channel 06 (2437MHz)



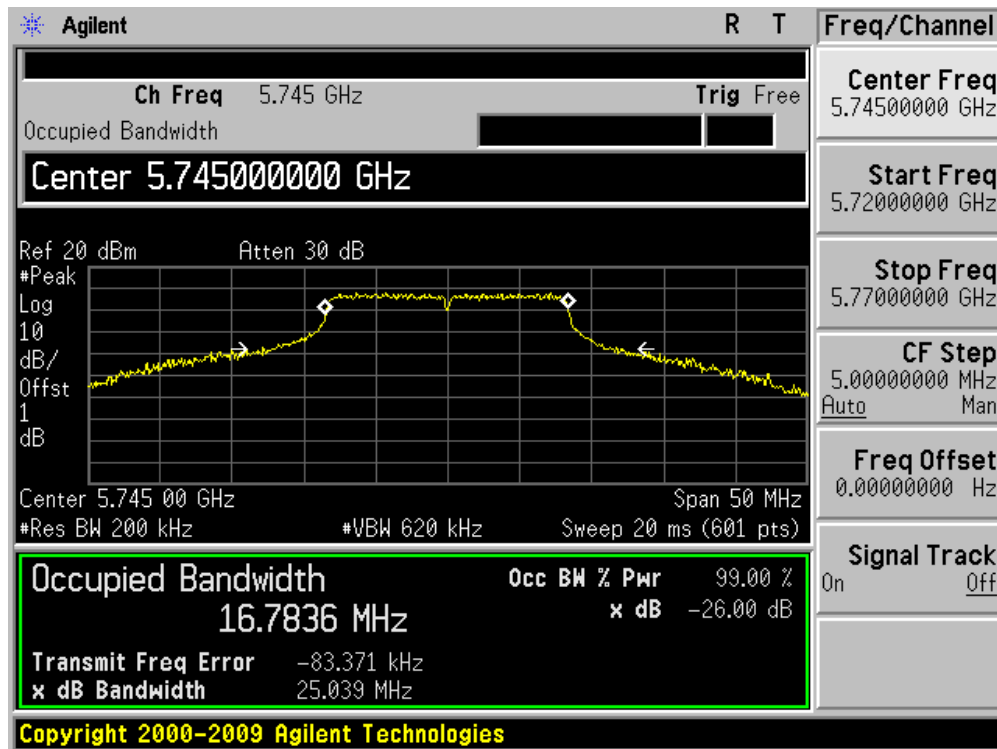
Channel 11 (2462MHz)



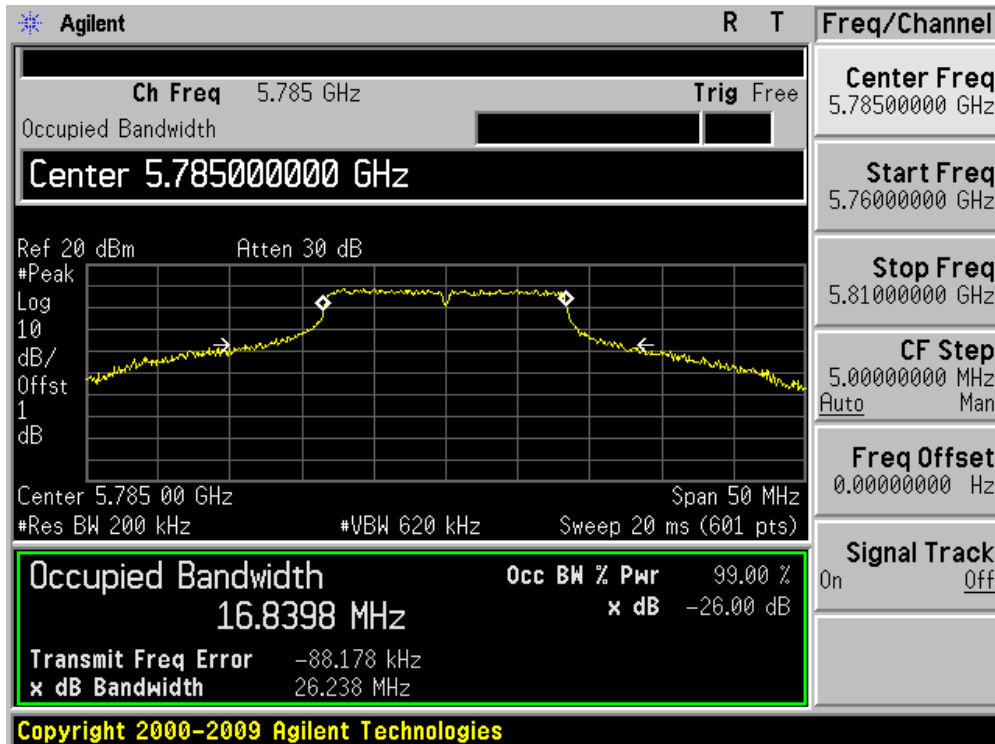
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
149	5745	16783.6
157	5785	16839.8
165	5825	16740.6

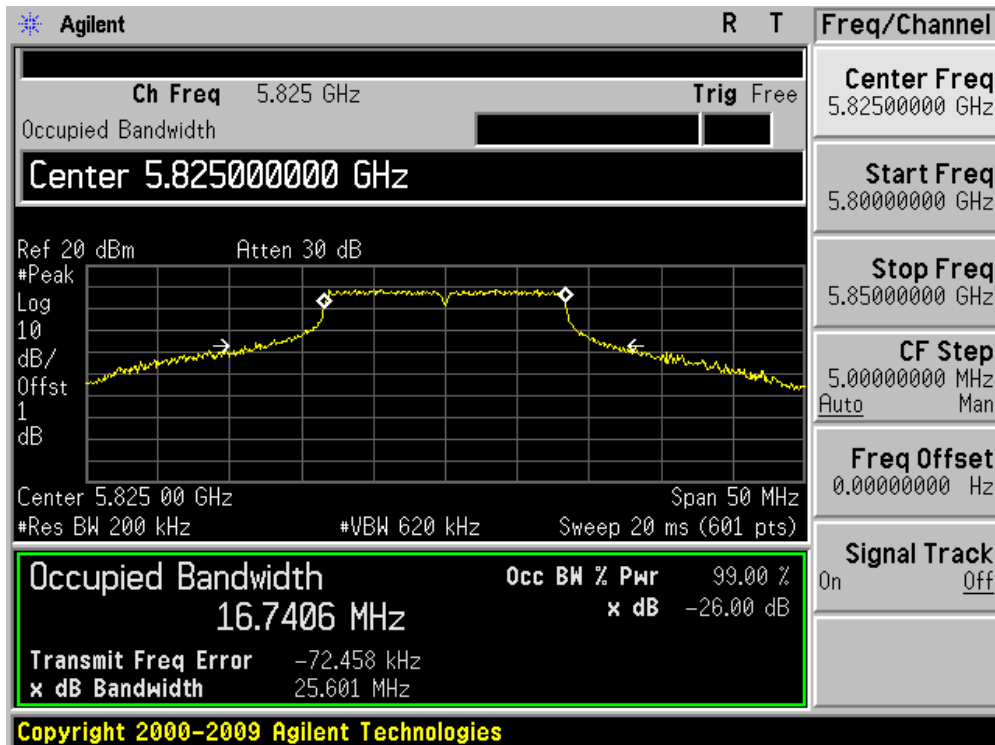
Channel 149 (5745MHz)



Channel 157 (5785MHz)



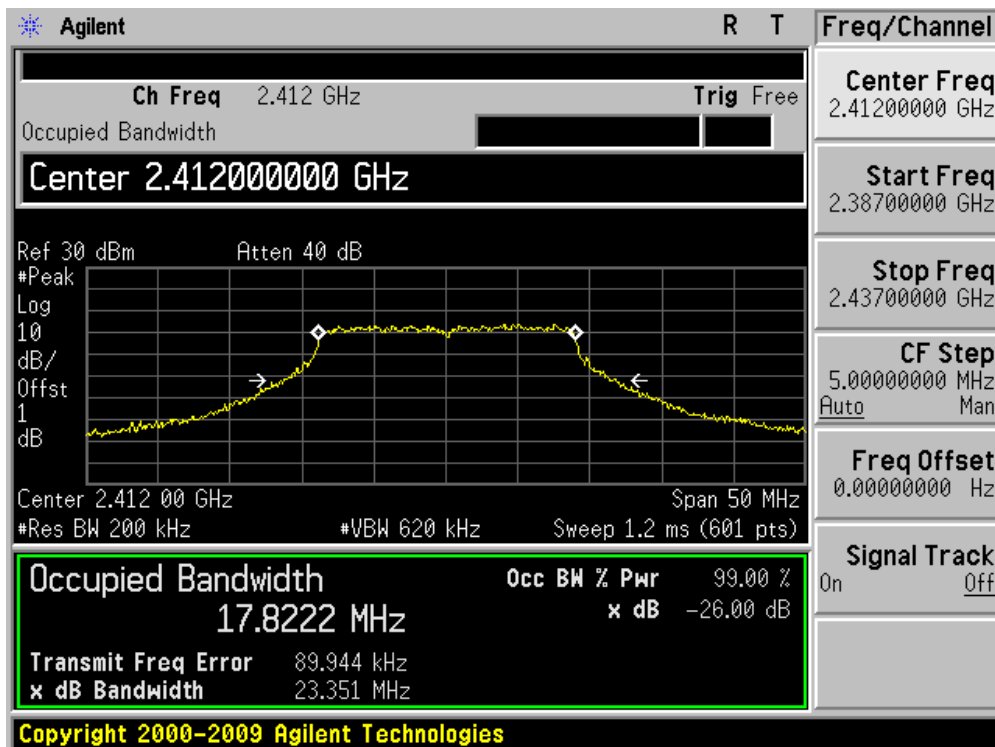
Channel 165 (5825MHz)



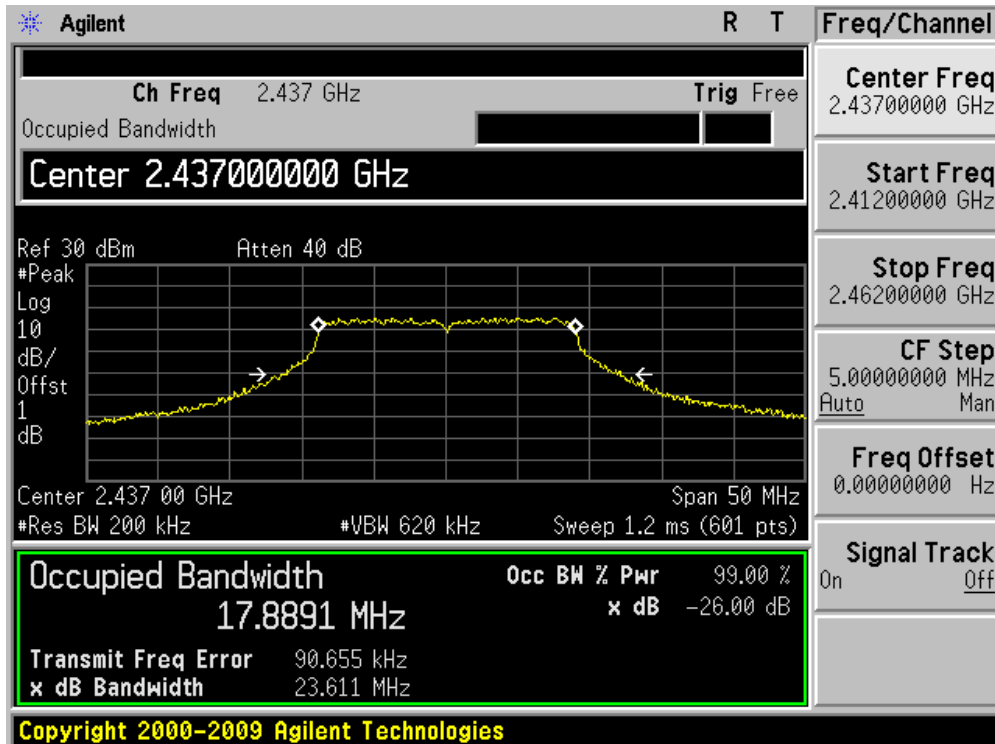
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 0)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	17822.2
06	2437	17889.1
11	2462	17849.3
149	5745	17971.2
157	5785	17960.9
165	5825	17927.8

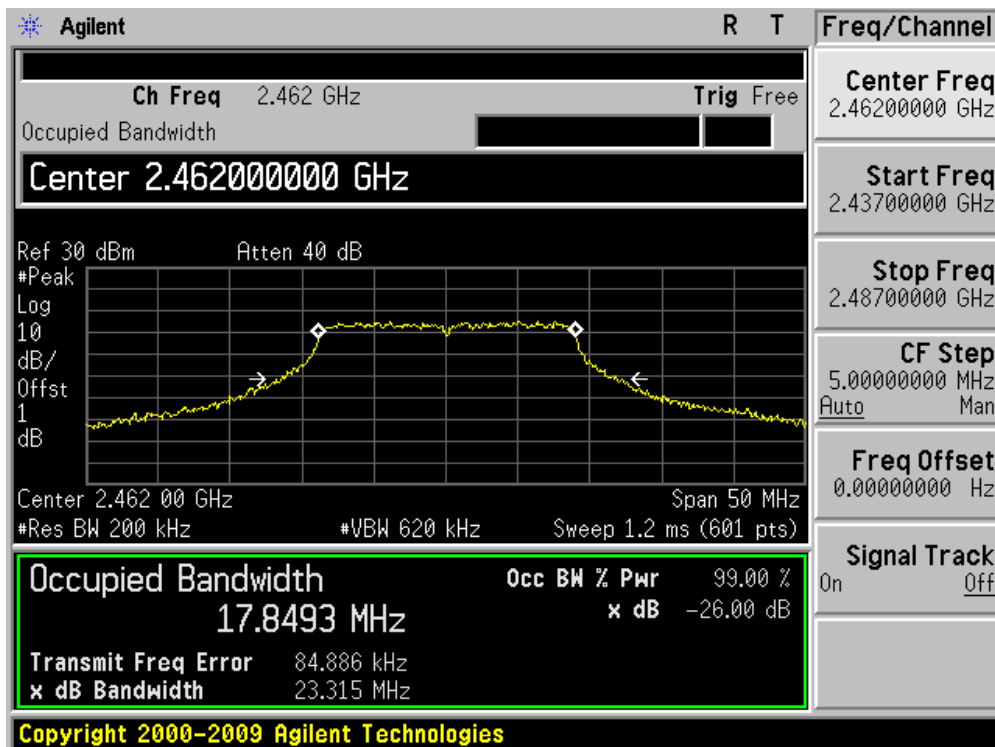
Channel 01 (2412MHz)



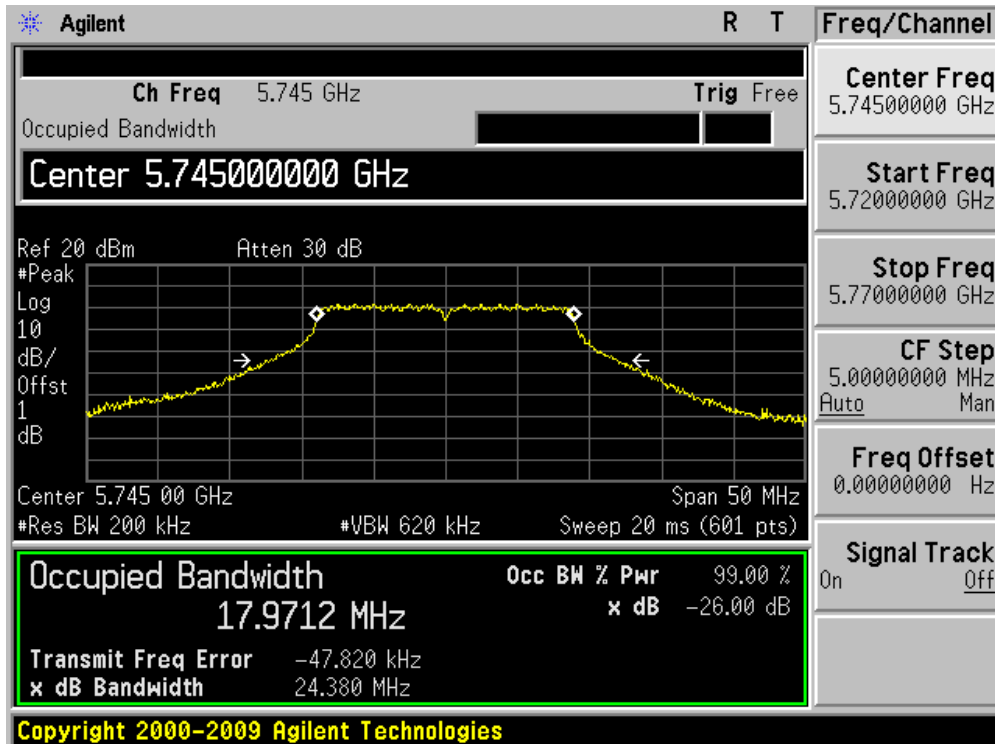
Channel 06 (2437MHz)



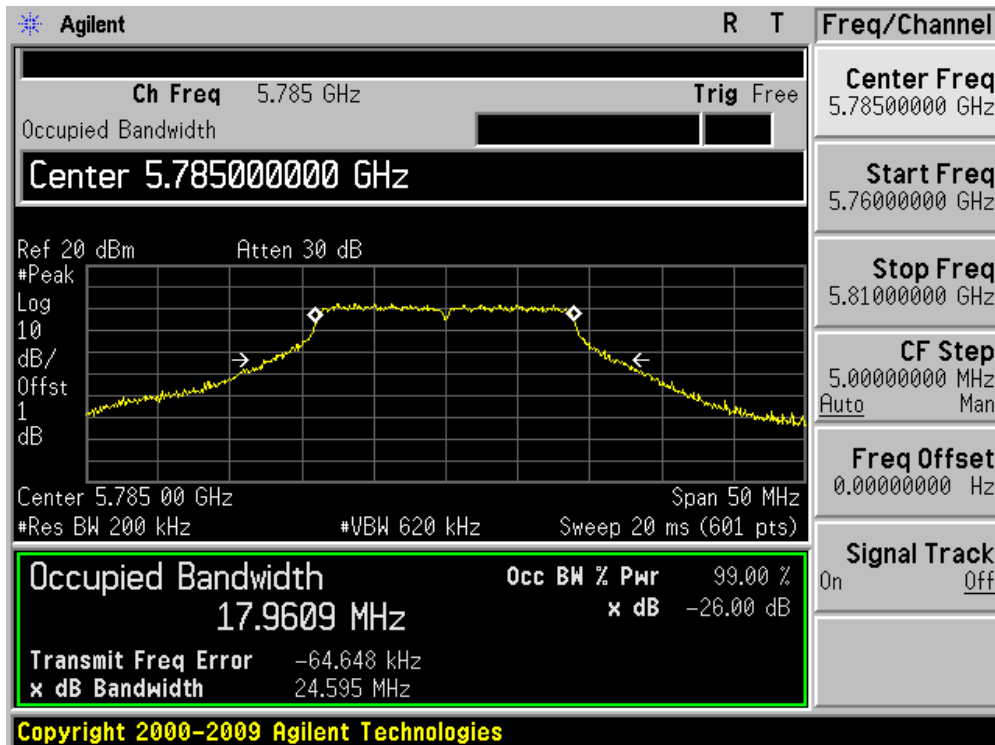
Channel 11 (2462MHz)



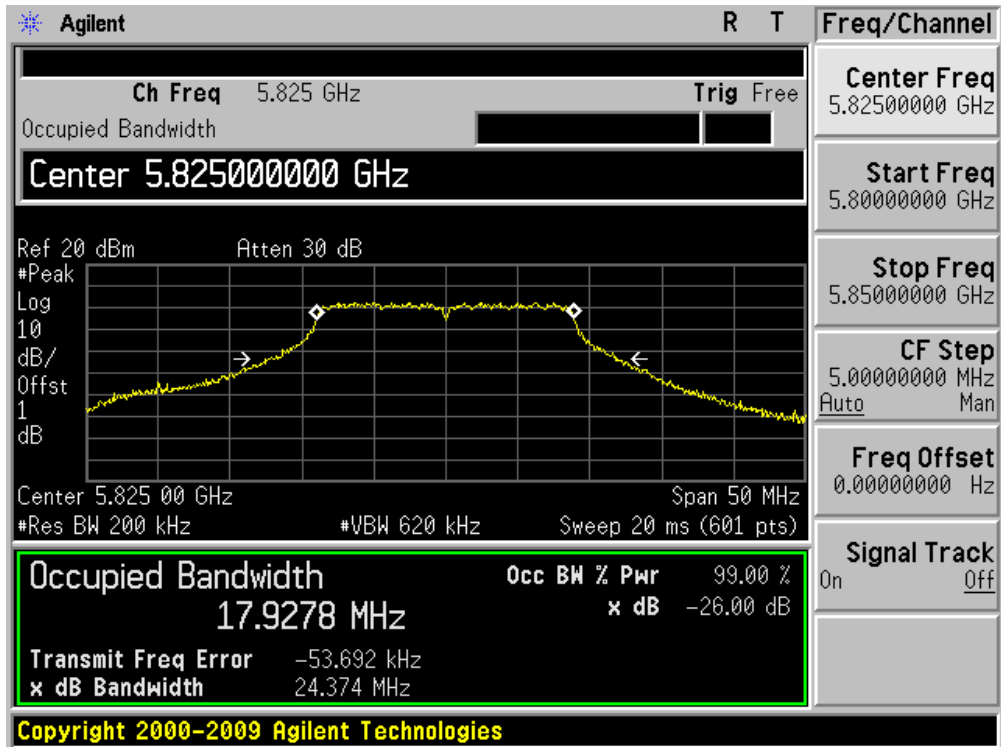
Channel 149 (5745MHz)



Channel 157 (5785MHz)



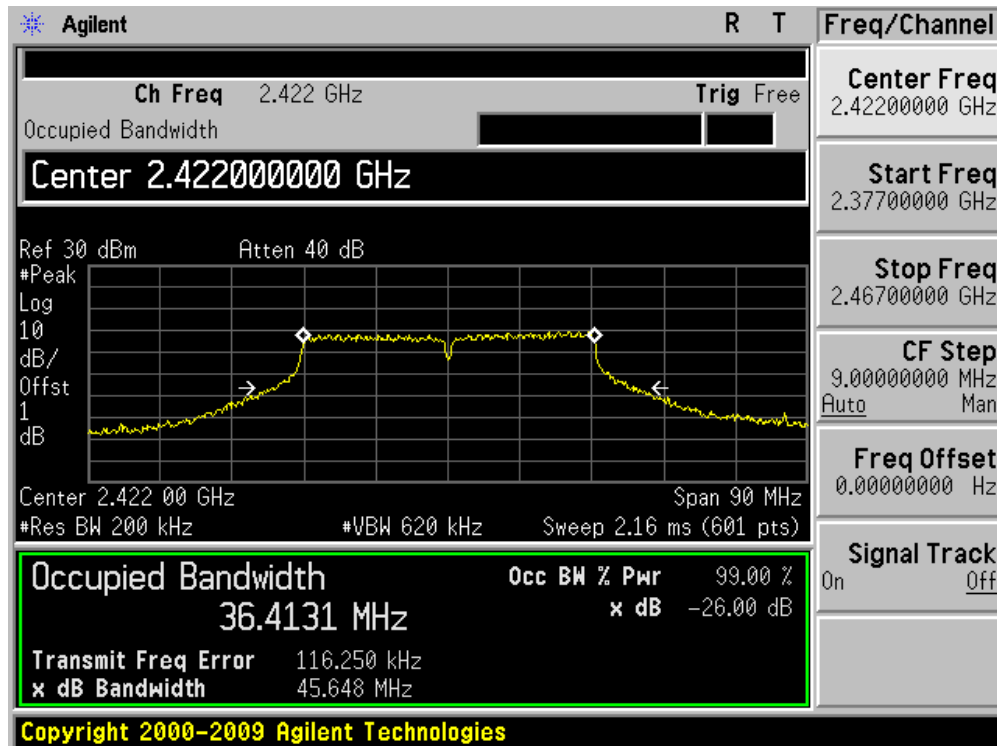
Channel 165 (5825MHz)



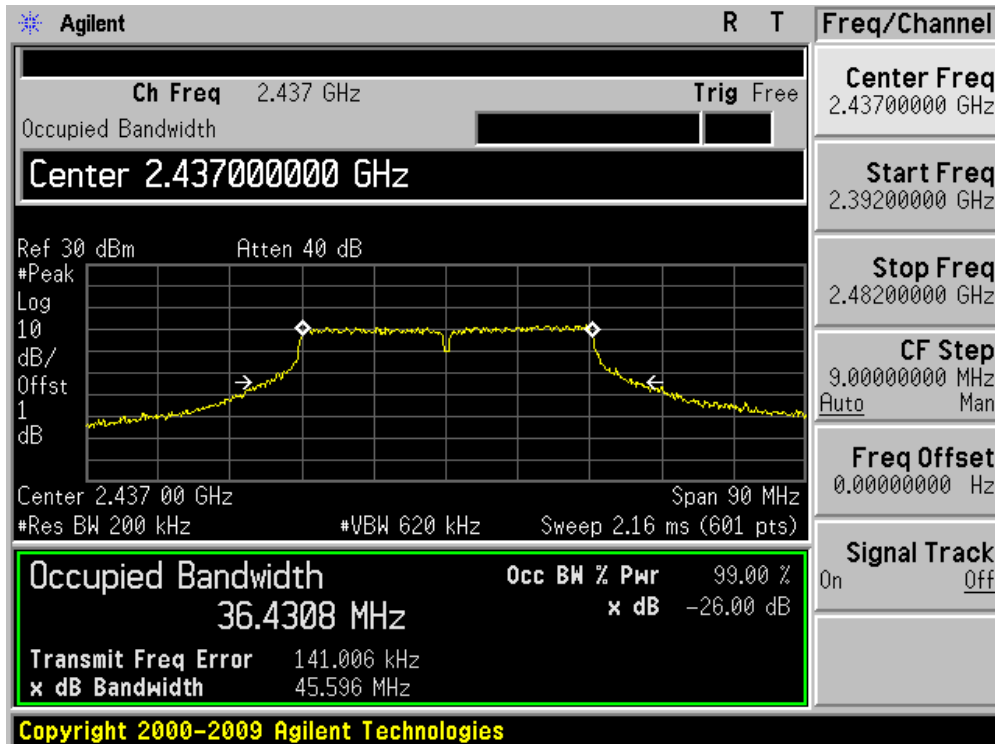
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 0)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
03	2422	36413.1
06	2437	36430.8
09	2452	36415.9
151	5755	36592.6
159	5795	36620.3

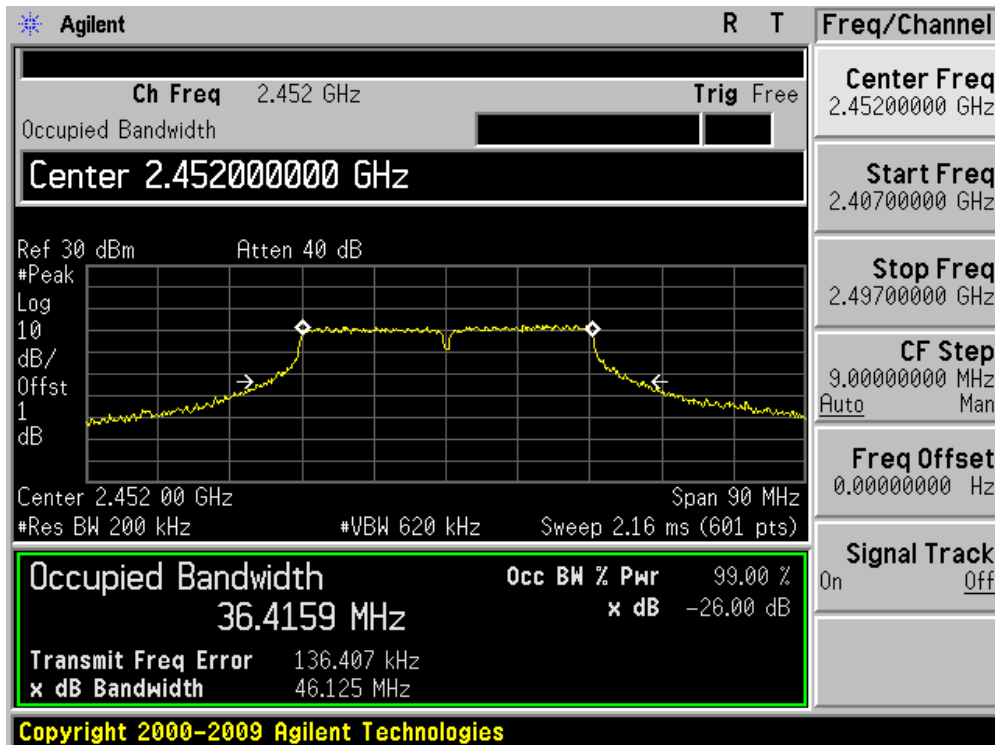
Channel 03 (2422MHz)



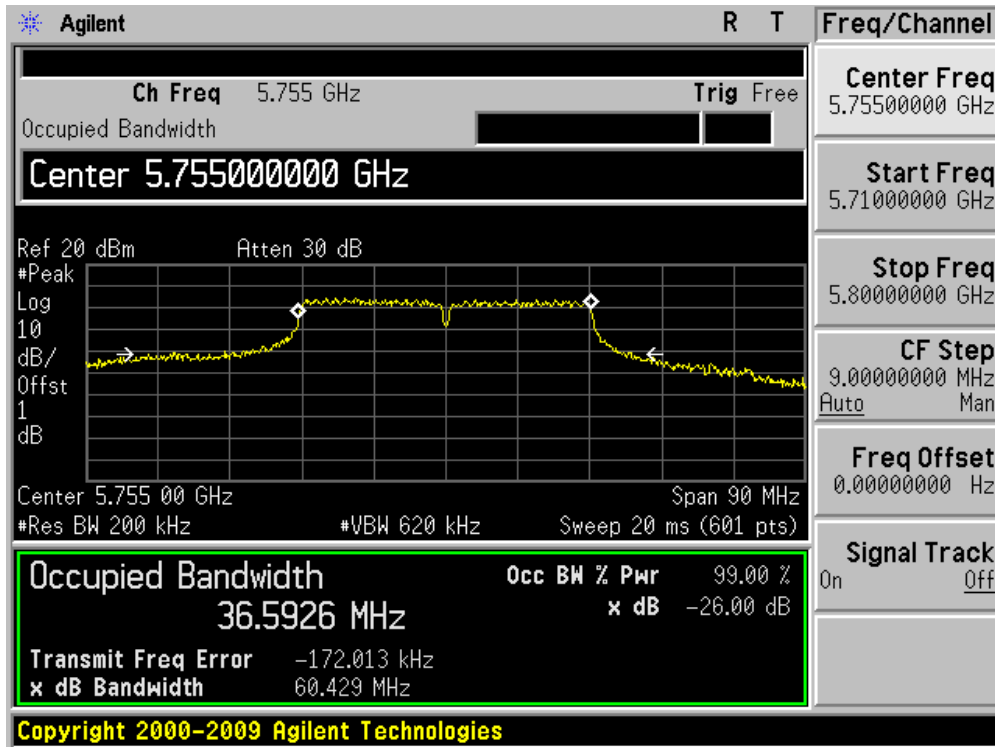
Channel 06 (2437MHz)



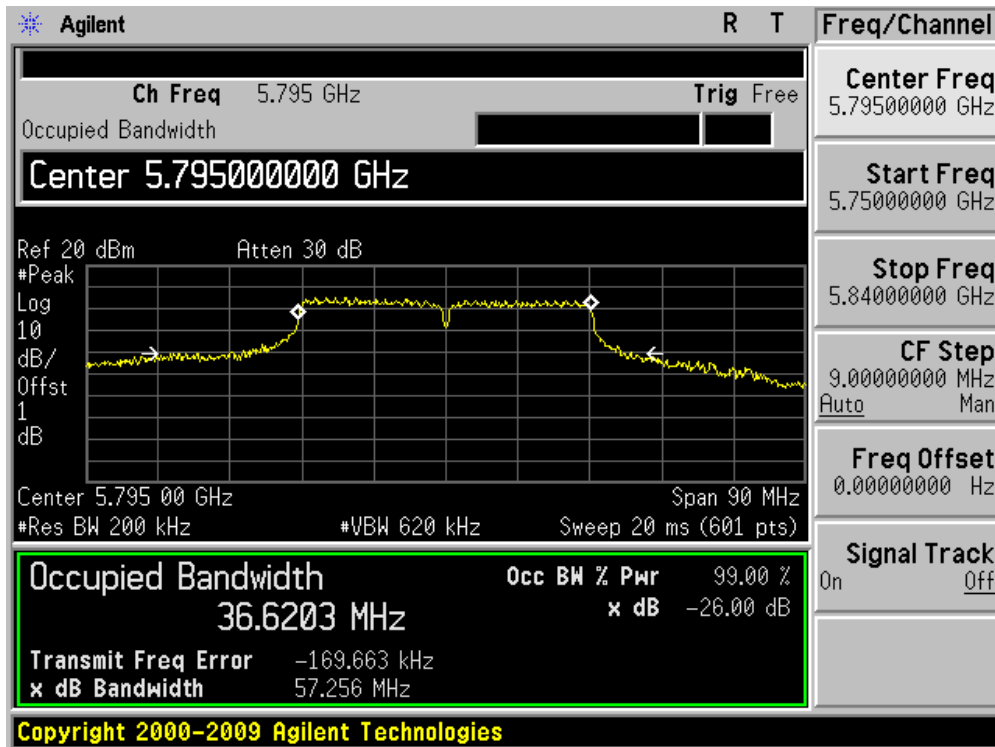
Channel 09 (2452MHz)



Channel 151 (5755MHz)



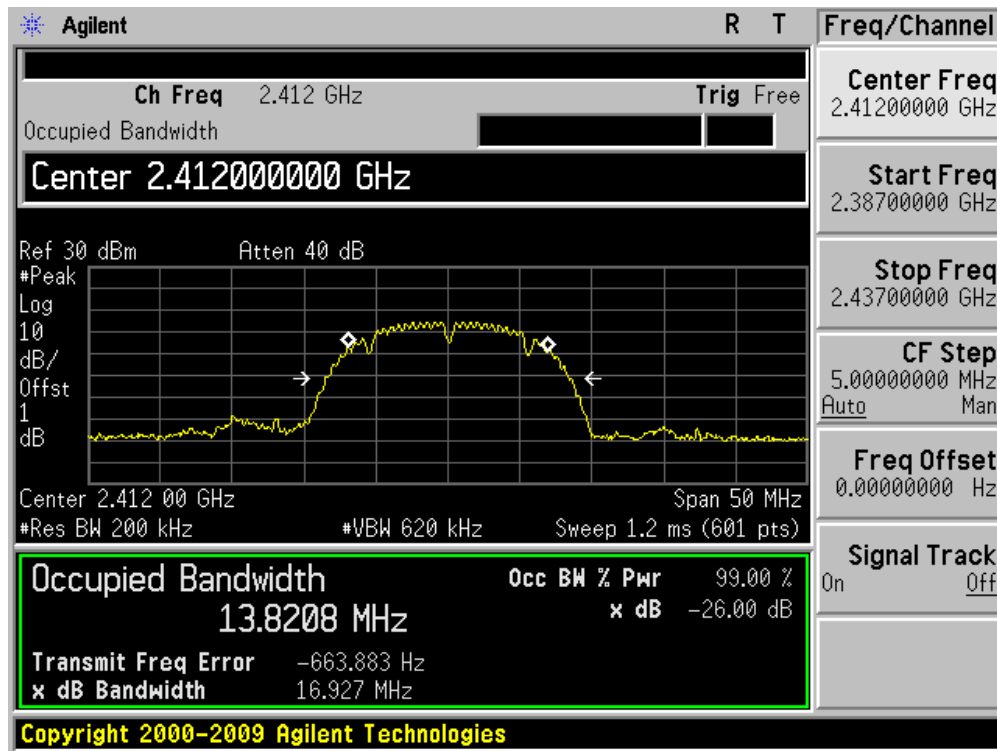
Channel 159 (5795MHz)



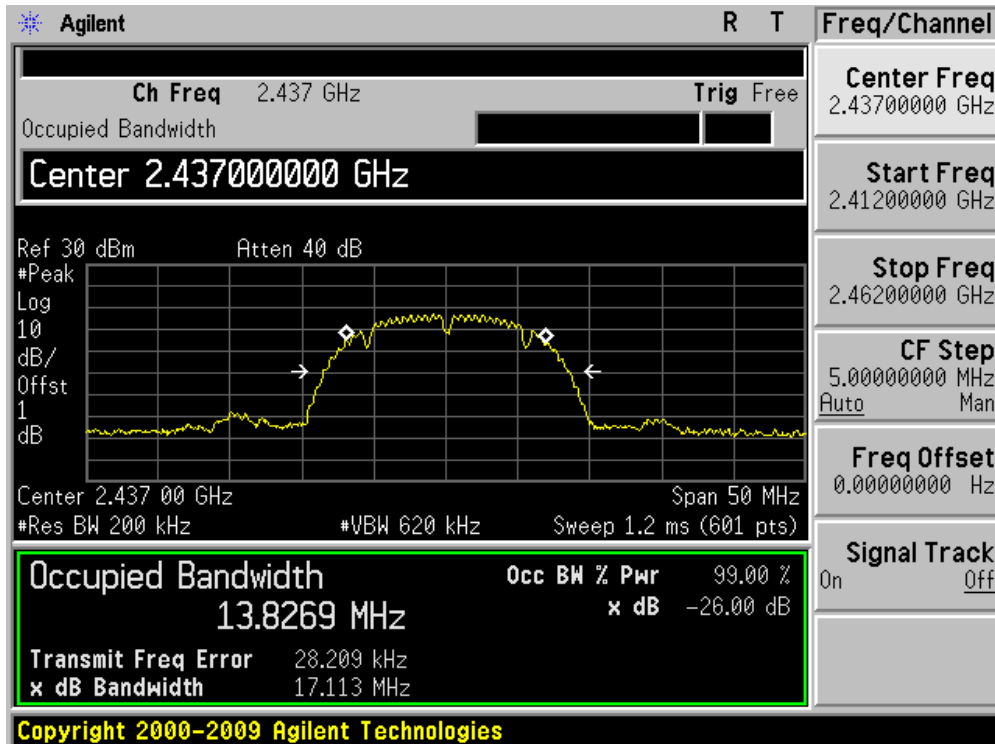
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	13820.8
06	2437	13826.9
11	2462	13861.3

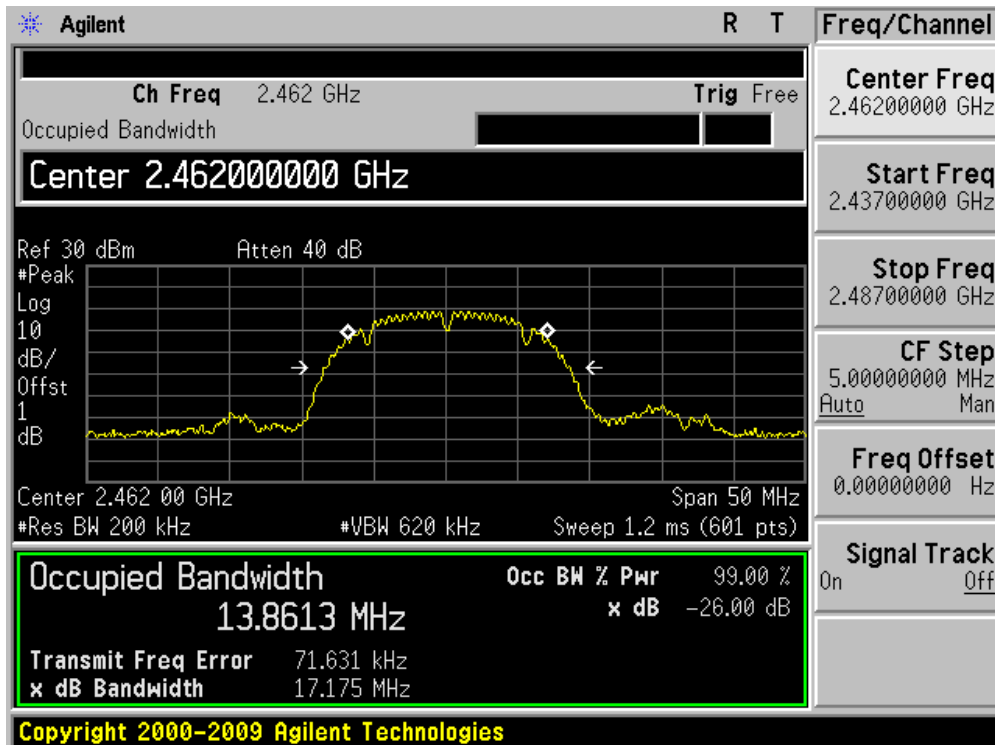
Channel 01 (2412MHz)



Channel 06 (2437MHz)



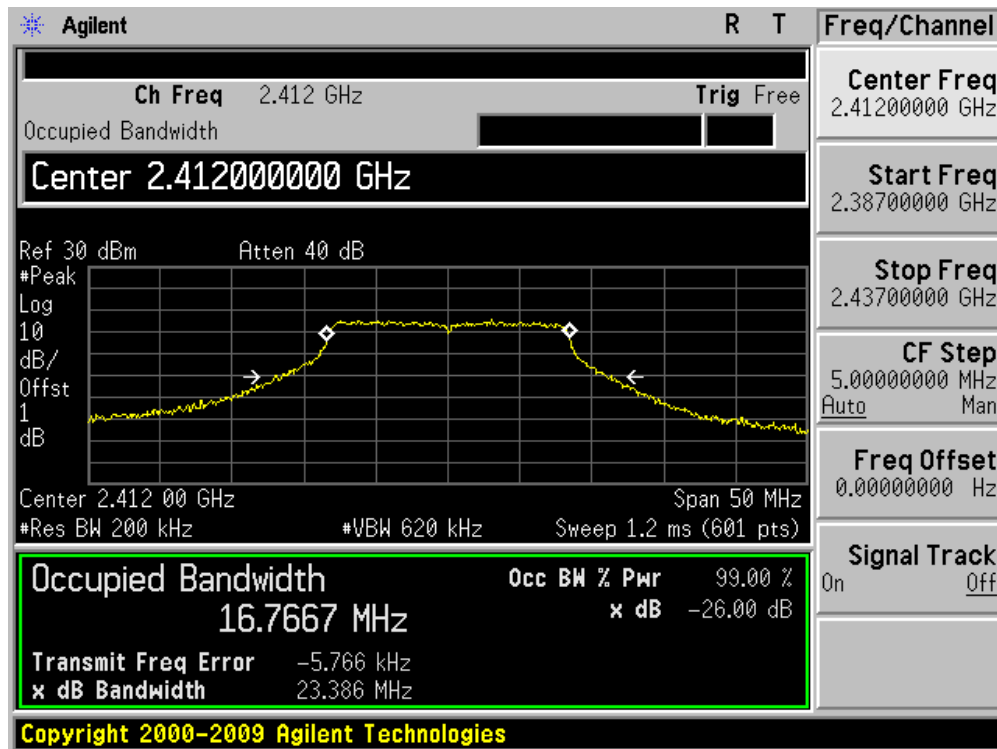
Channel 11 (2462MHz)



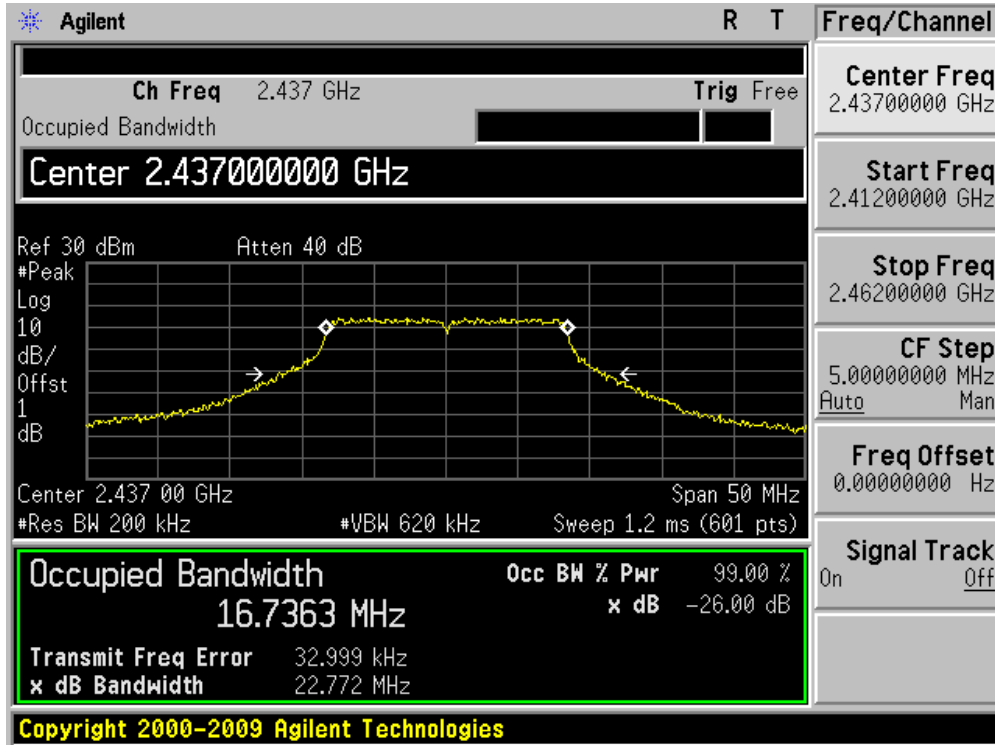
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	16766.7
06	2437	16736.3
11	2462	16685.9

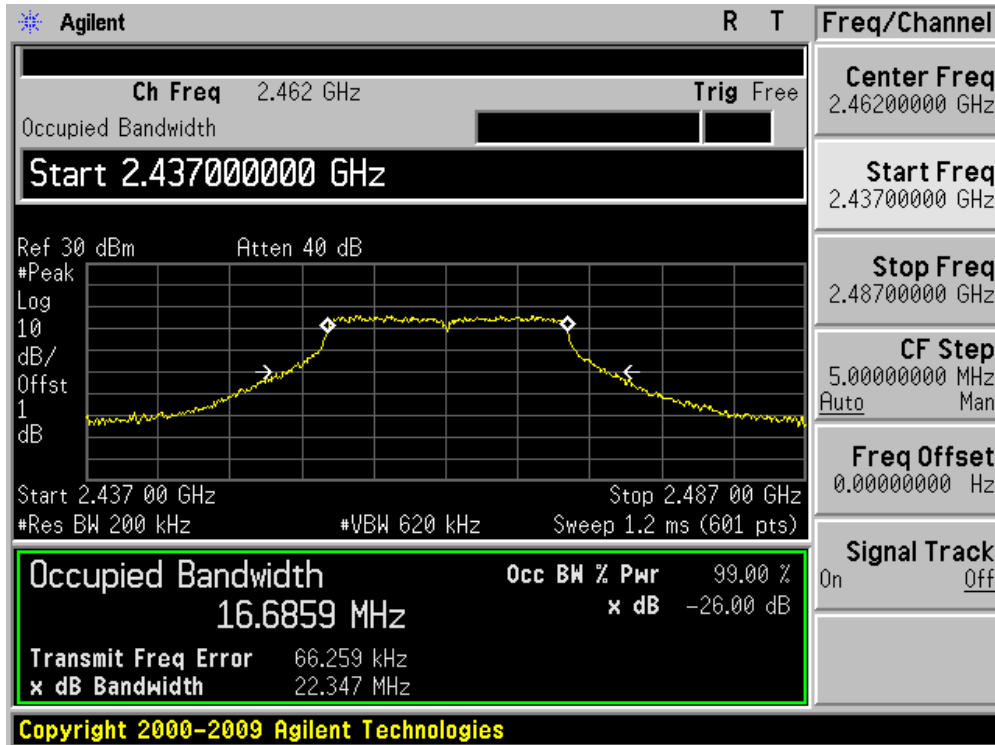
Channel 01 (2412MHz)



Channel 06 (2437MHz)



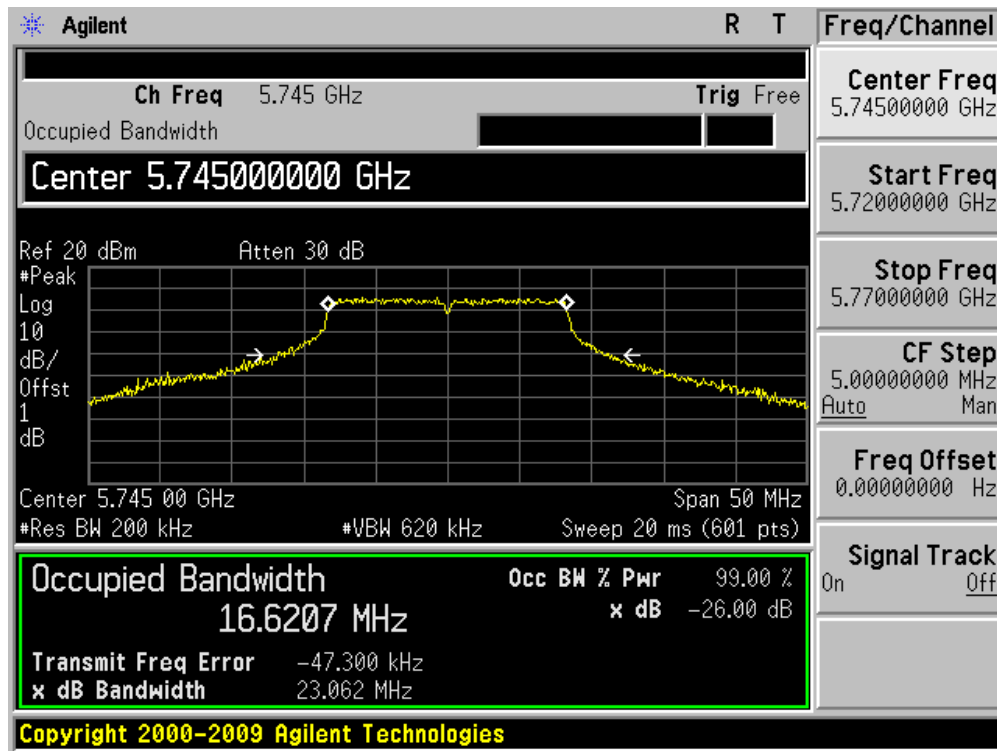
Channel 11 (2462MHz)



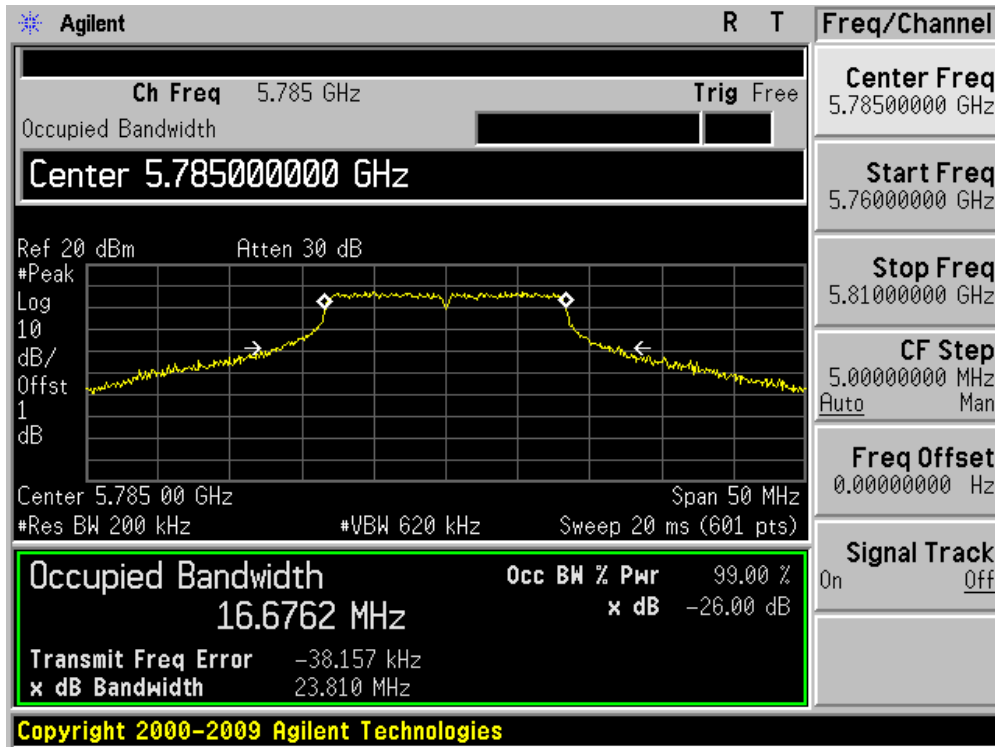
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
149	5745	16620.7
157	5785	16676.2
165	5825	16706.7

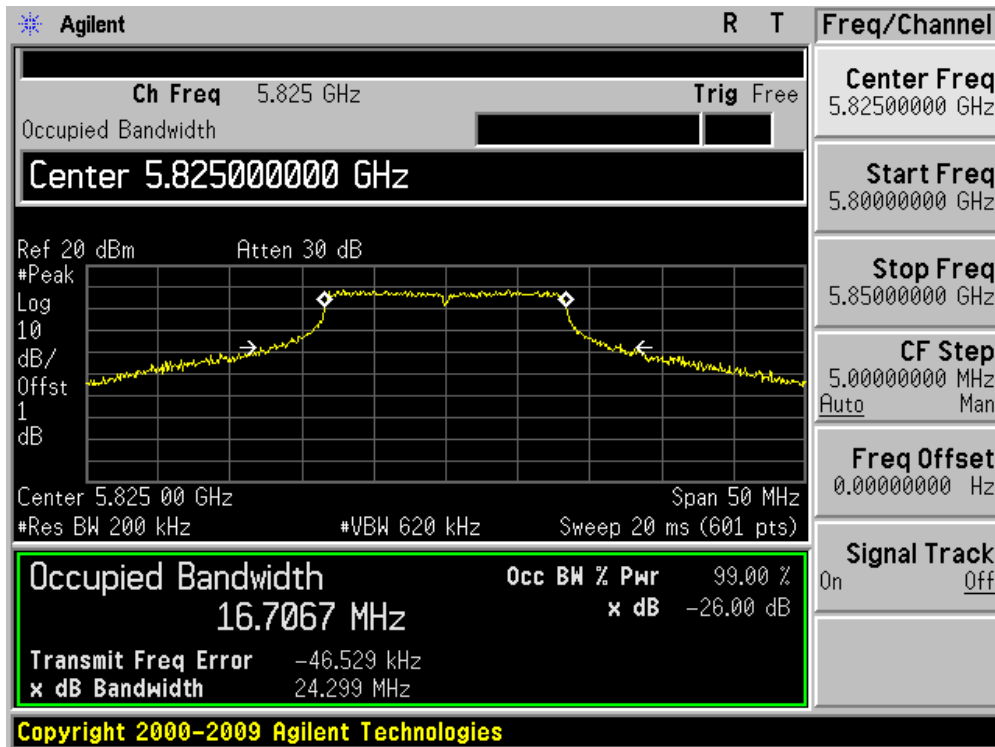
Channel 149 (5745MHz)



Channel 157 (5785MHz)



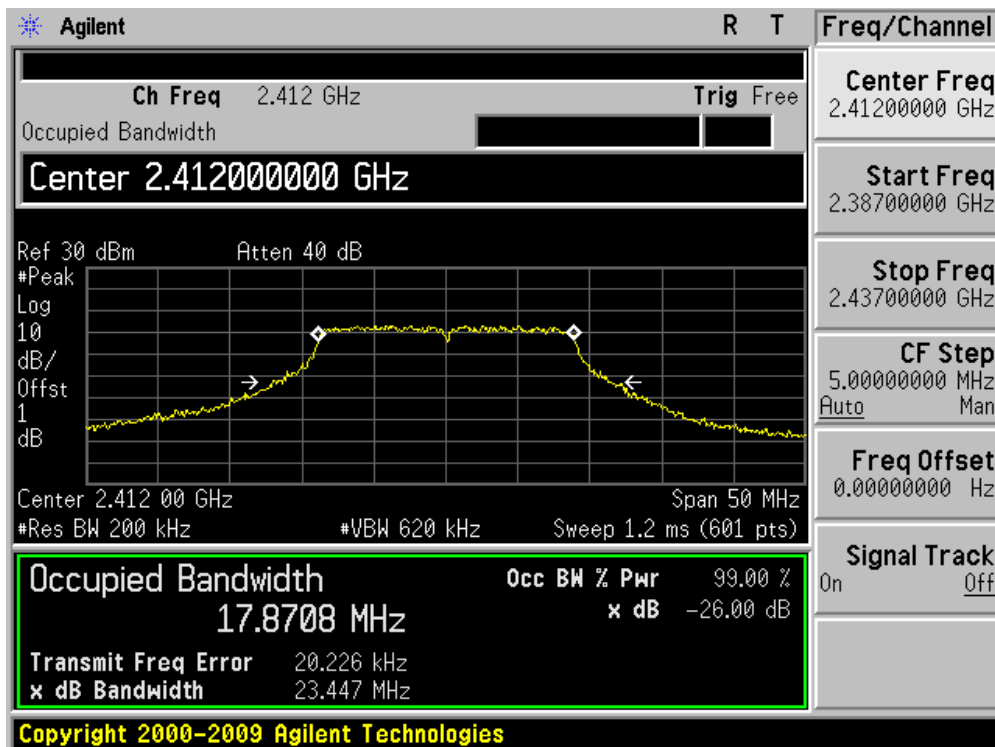
Channel 165 (5825MHz)



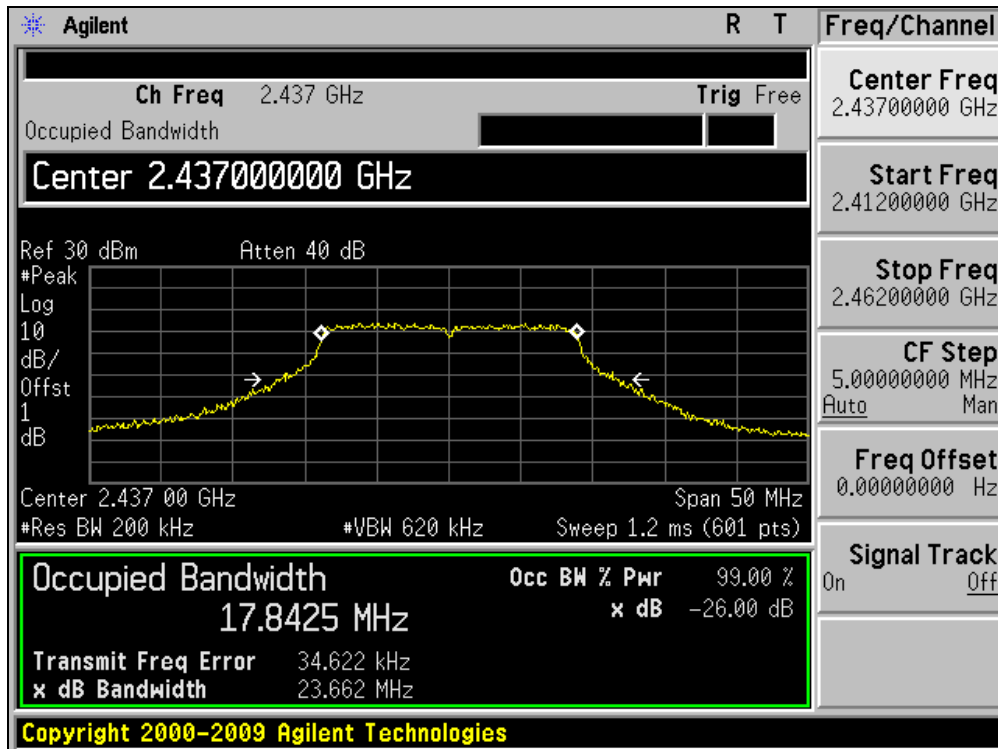
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 1)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	17870.8
06	2437	17842.5
11	2462	17834.8
149	5745	18040.3
157	5785	17999.5
165	5825	18011.6

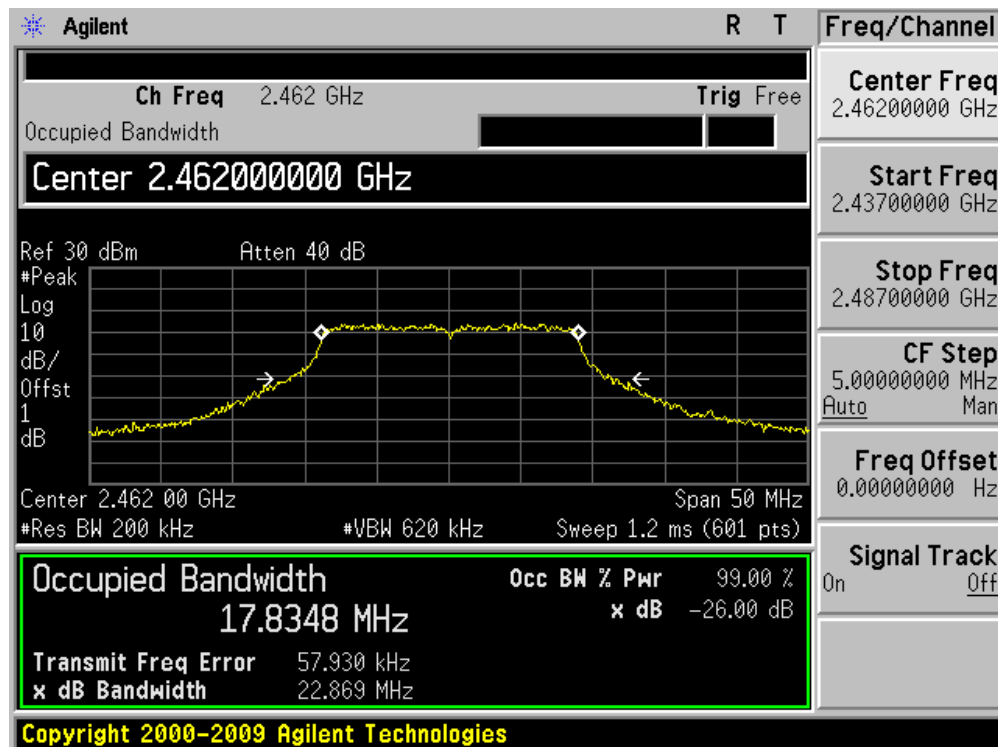
Channel 01 (2412MHz)



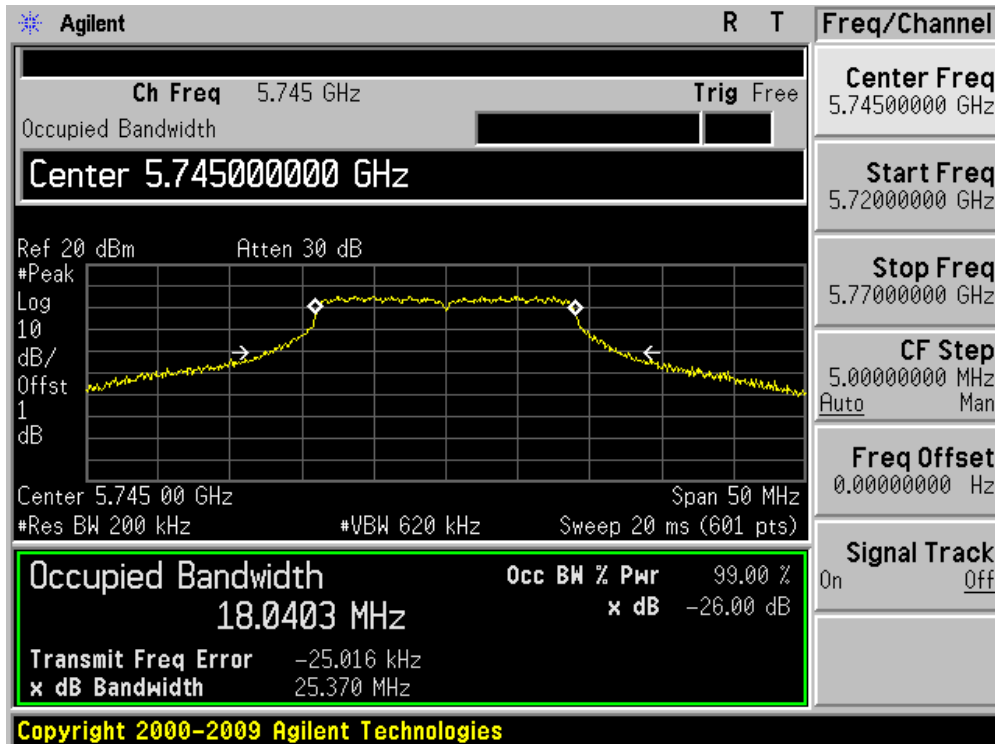
Channel 06 (2437MHz)



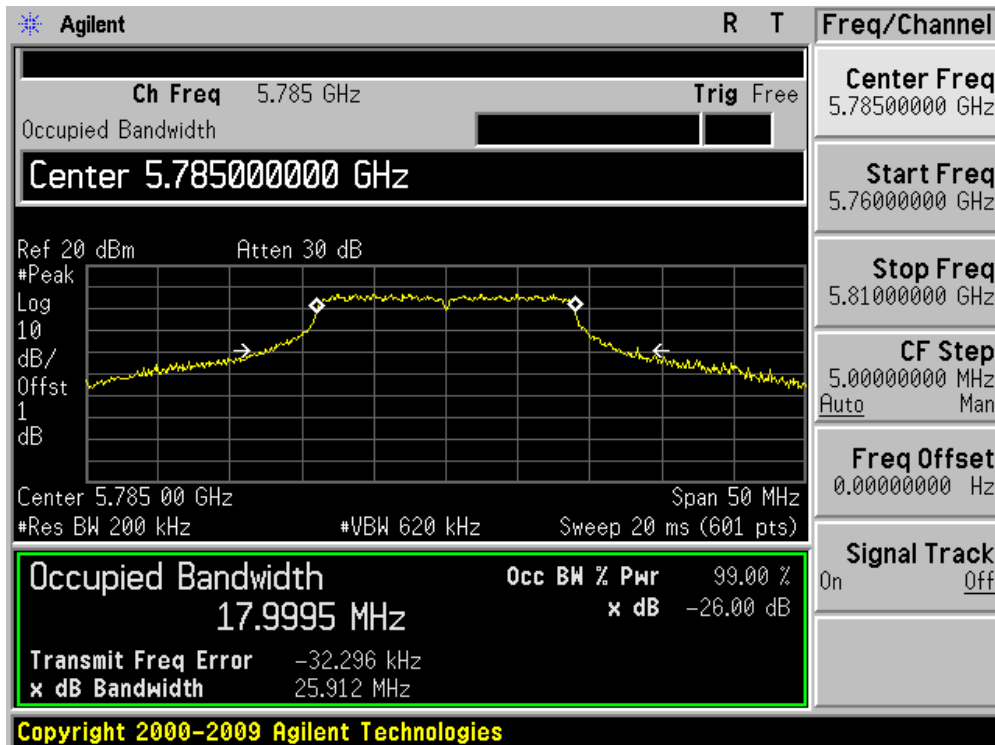
Channel 11 (2462MHz)



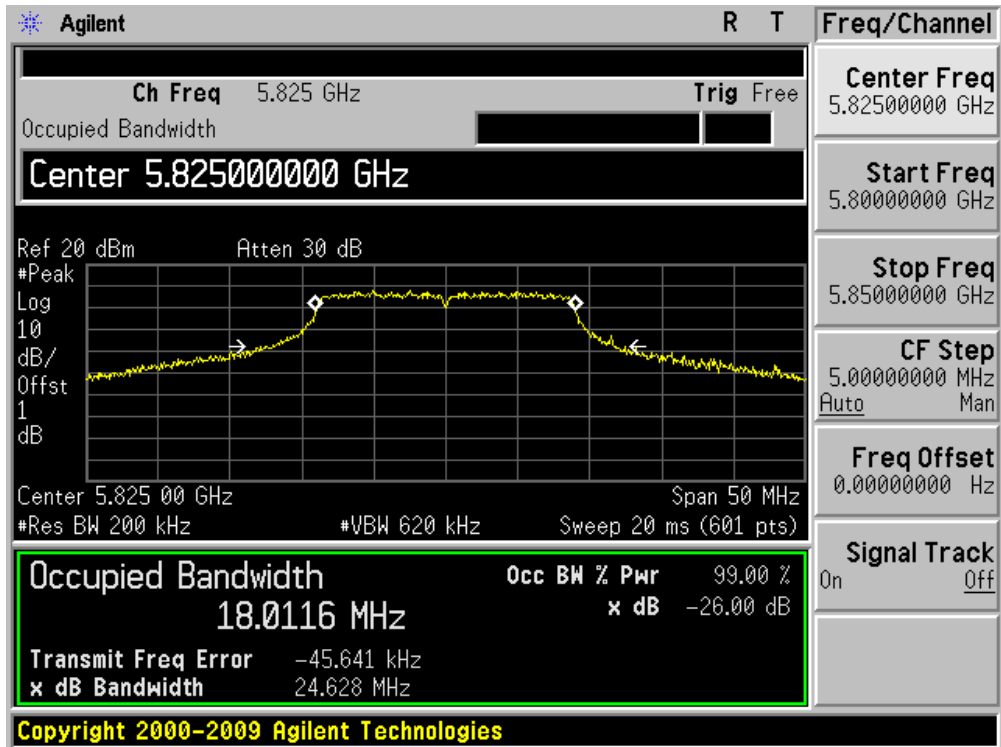
Channel 149 (5745MHz)



Channel 157 (5785MHz)



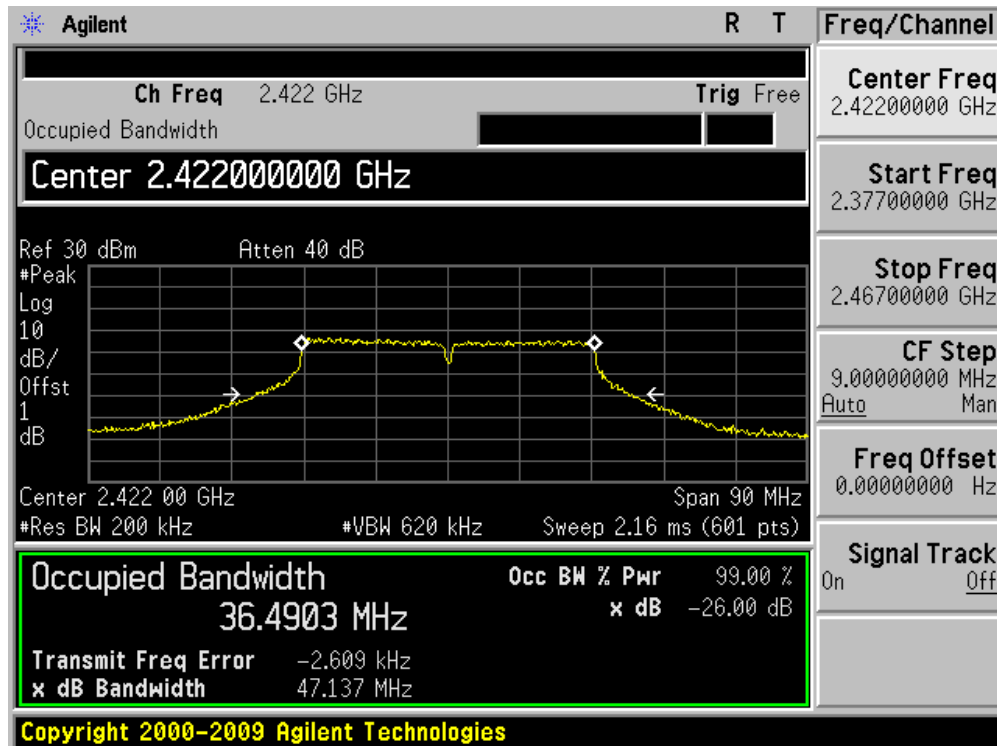
Channel 165 (5825MHz)



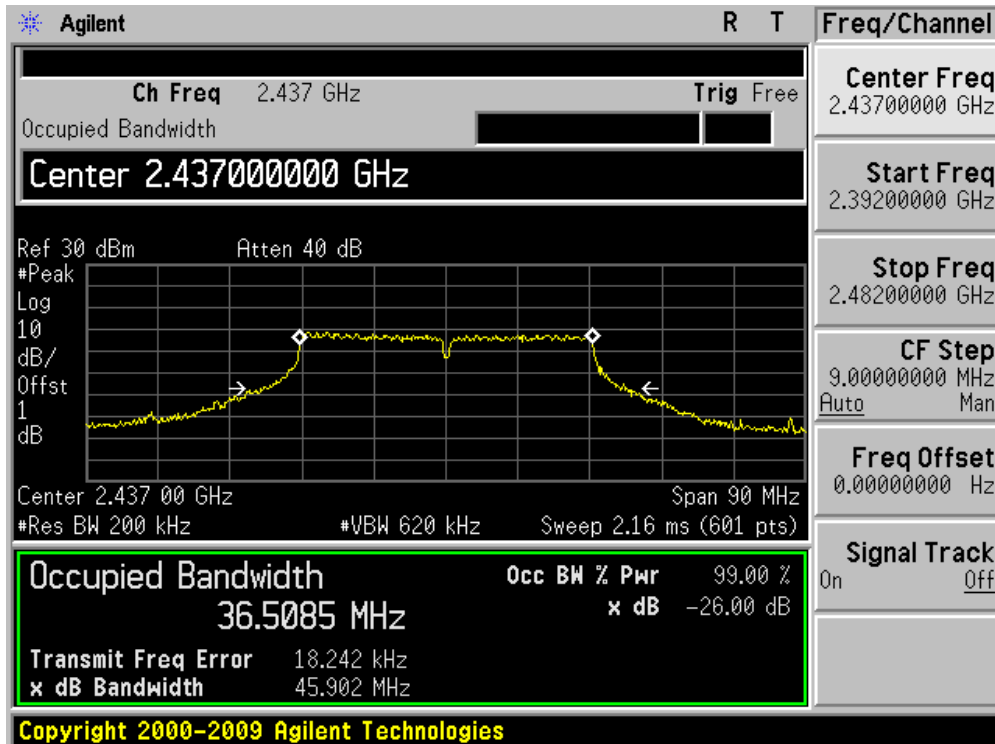
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 1)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
03	2422	36490.3
06	2437	36508.5
09	2452	36414.8
151	5755	36747.9
159	5795	36889.6

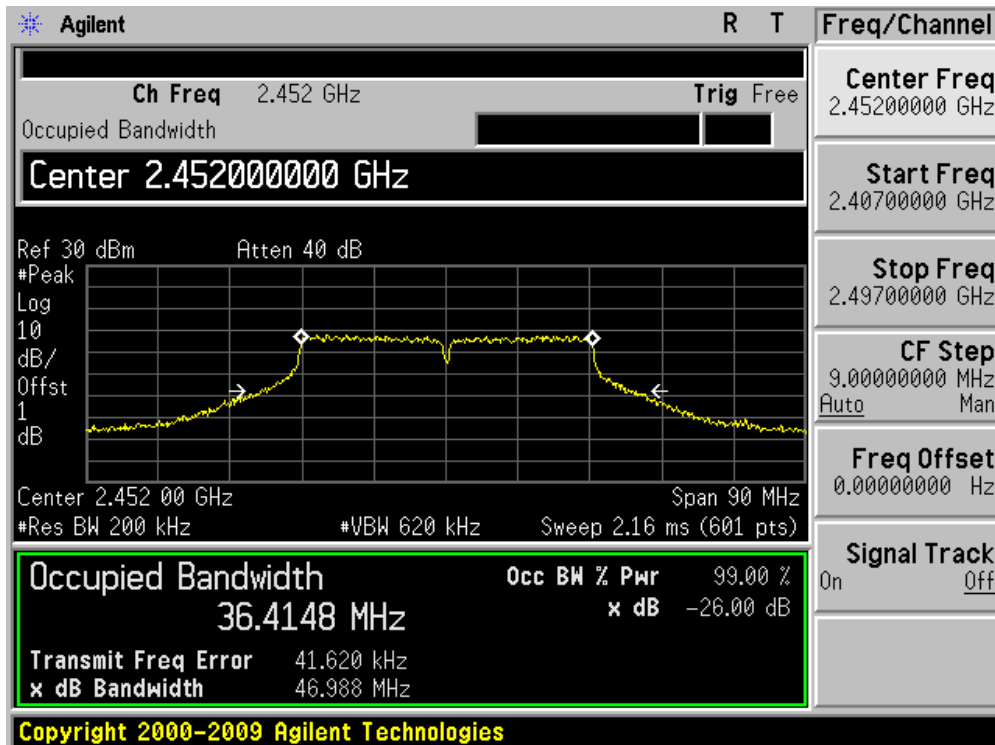
Channel 03 (2422MHz)



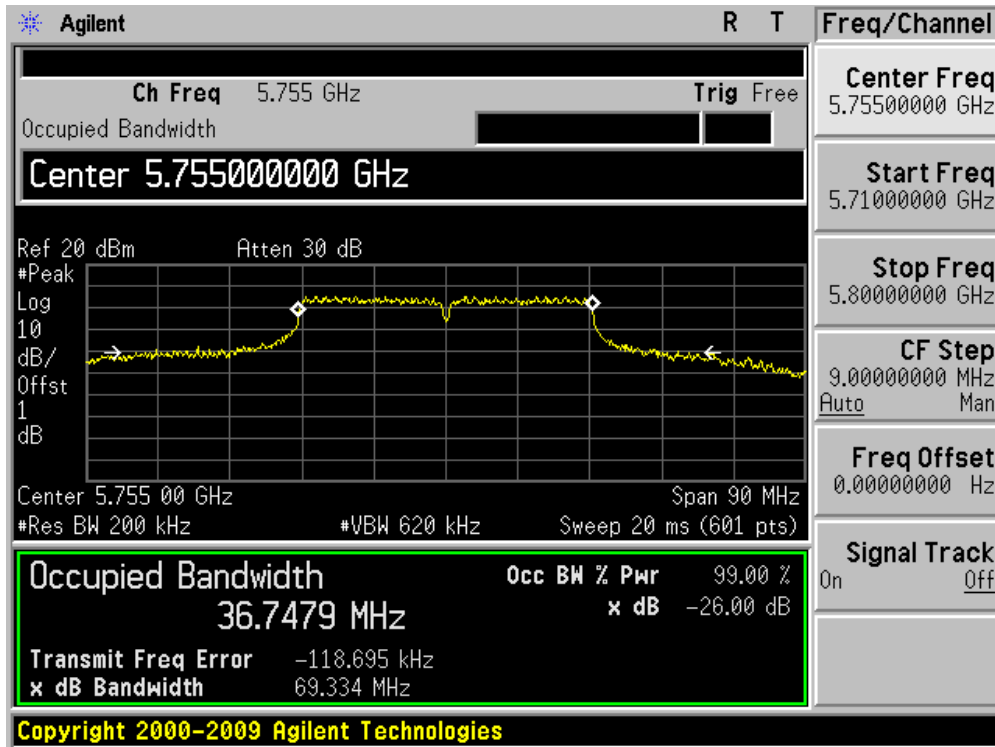
Channel 06 (2437MHz)



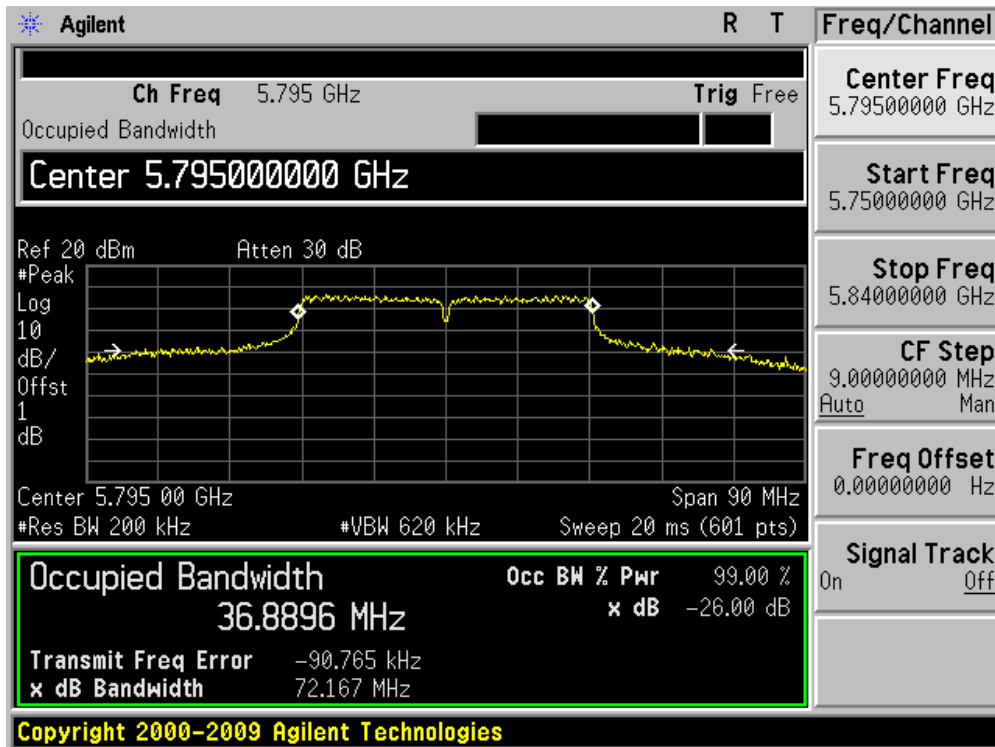
Channel 09 (2452MHz)



Channel 151 (5755MHz)



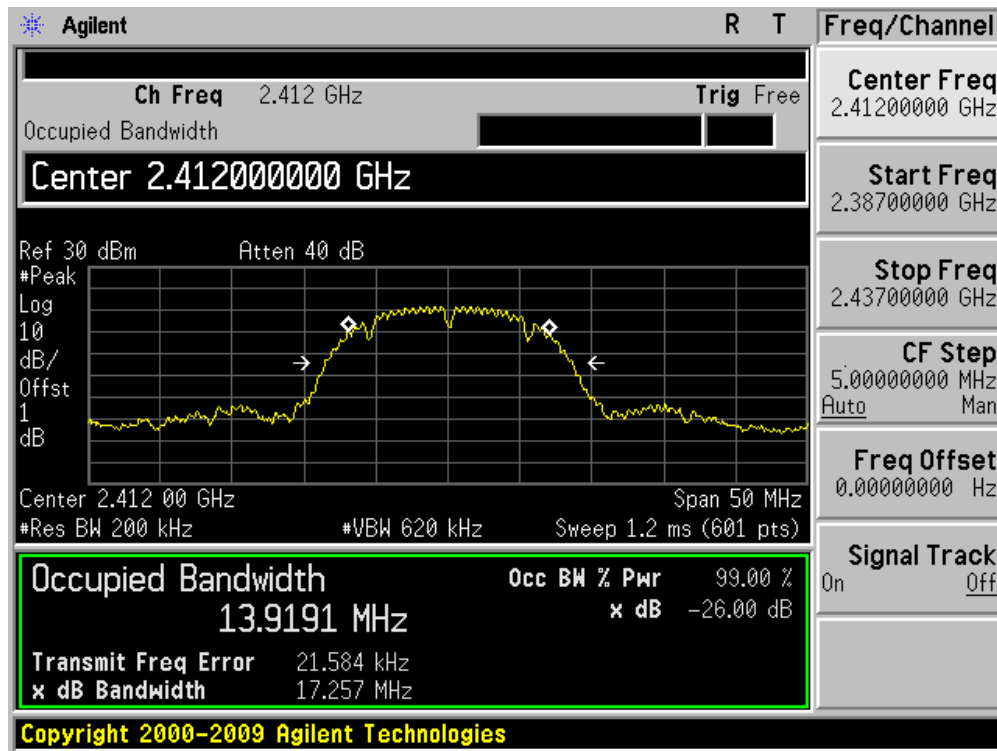
Channel 159 (5795MHz)



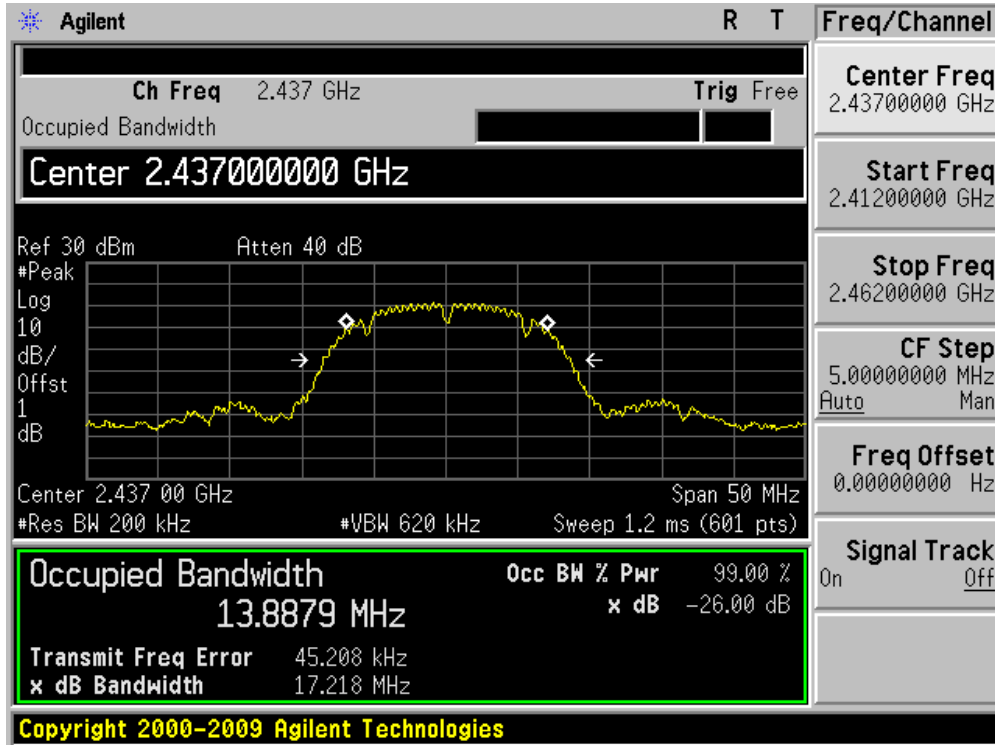
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 2)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	1391.91
06	2437	1388.79
11	2462	1387.89

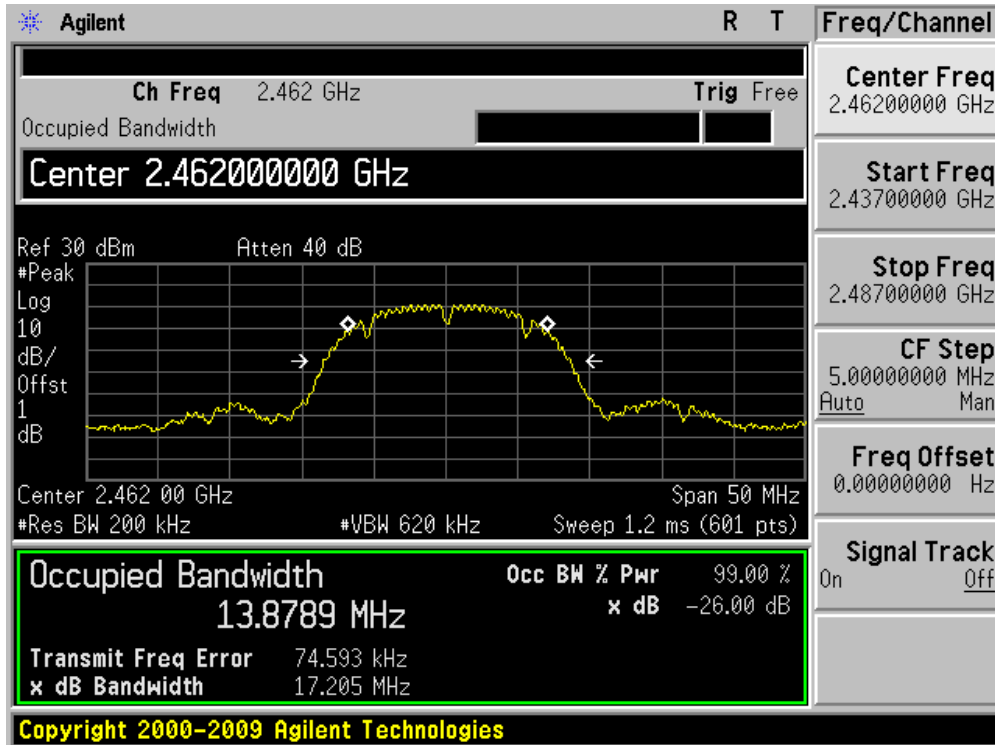
Channel 01 (2412MHz)



Channel 06 (2437MHz)



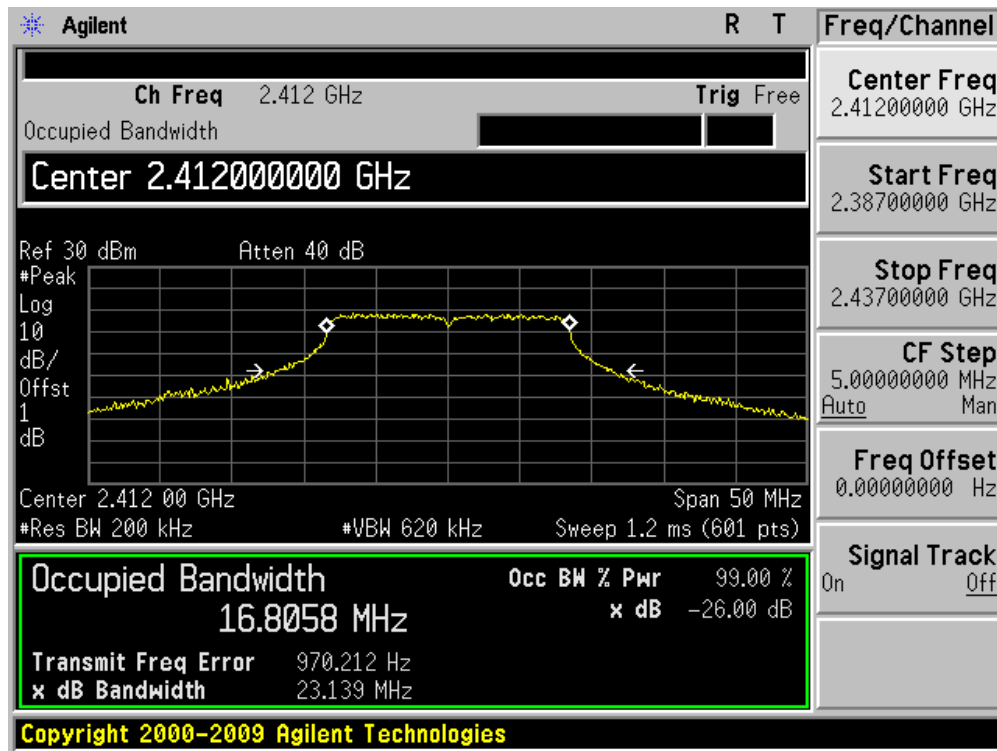
Channel 11 (2462MHz)



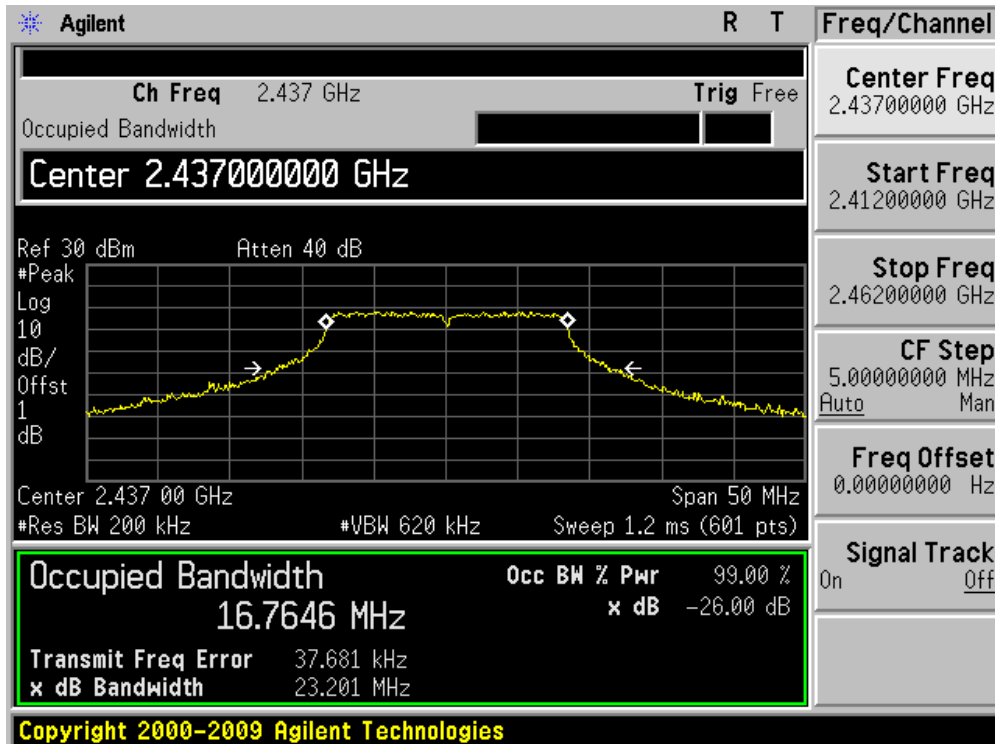
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 2)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	16805.8
06	2437	16764.6
11	2462	16750.4

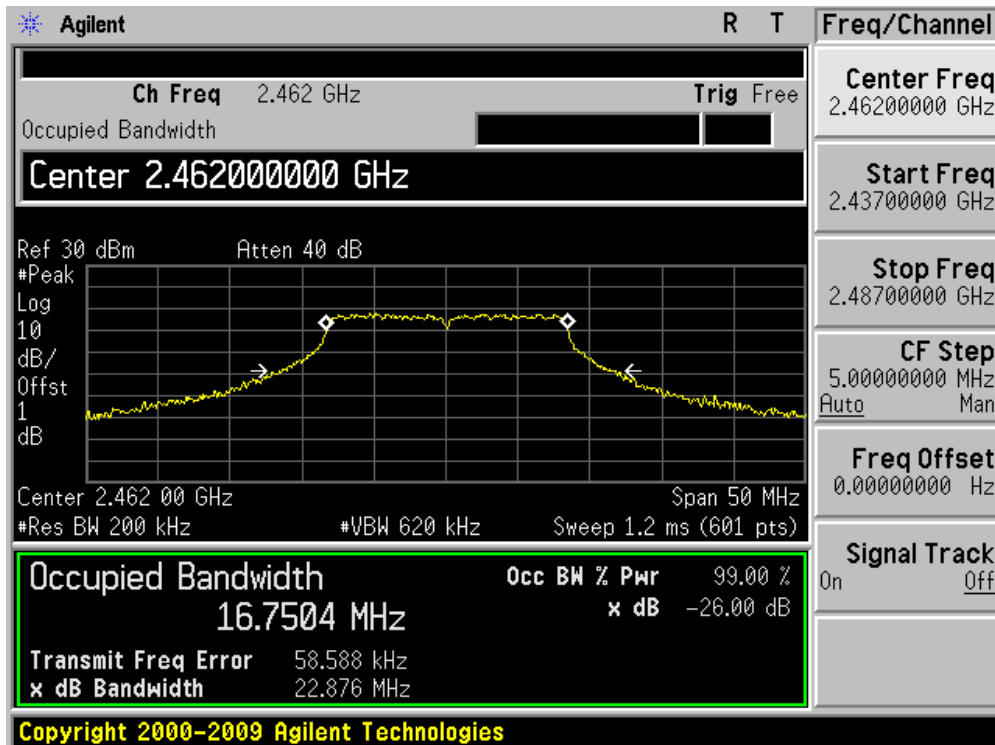
Channel 01 (2412MHz)



Channel 06 (2437MHz)



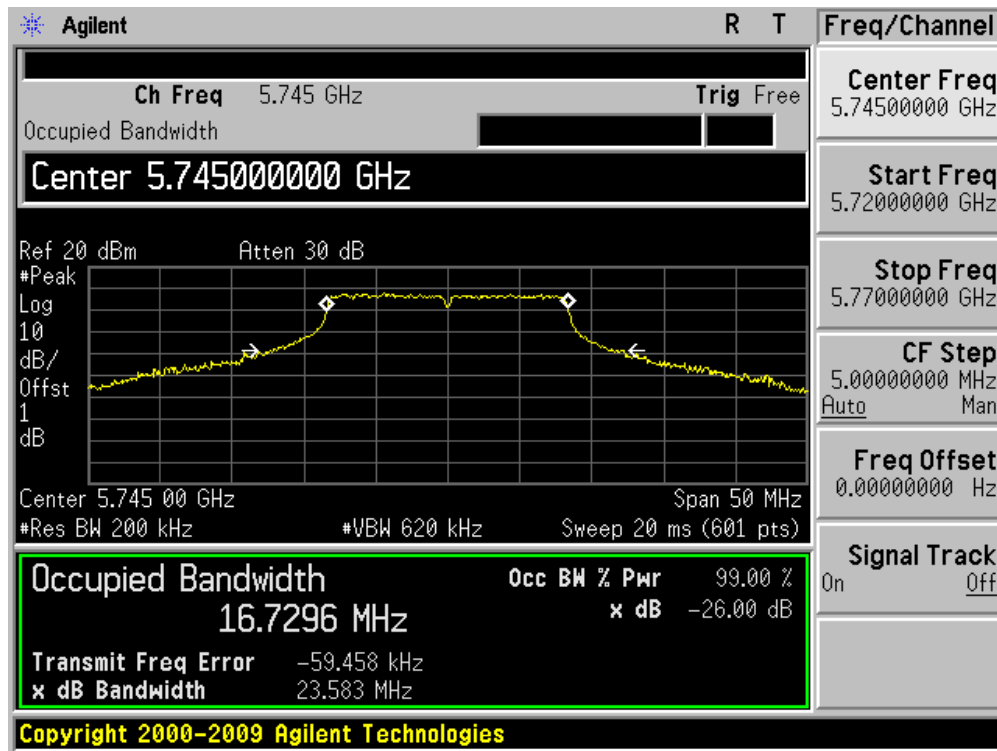
Channel 11 (2462MHz)



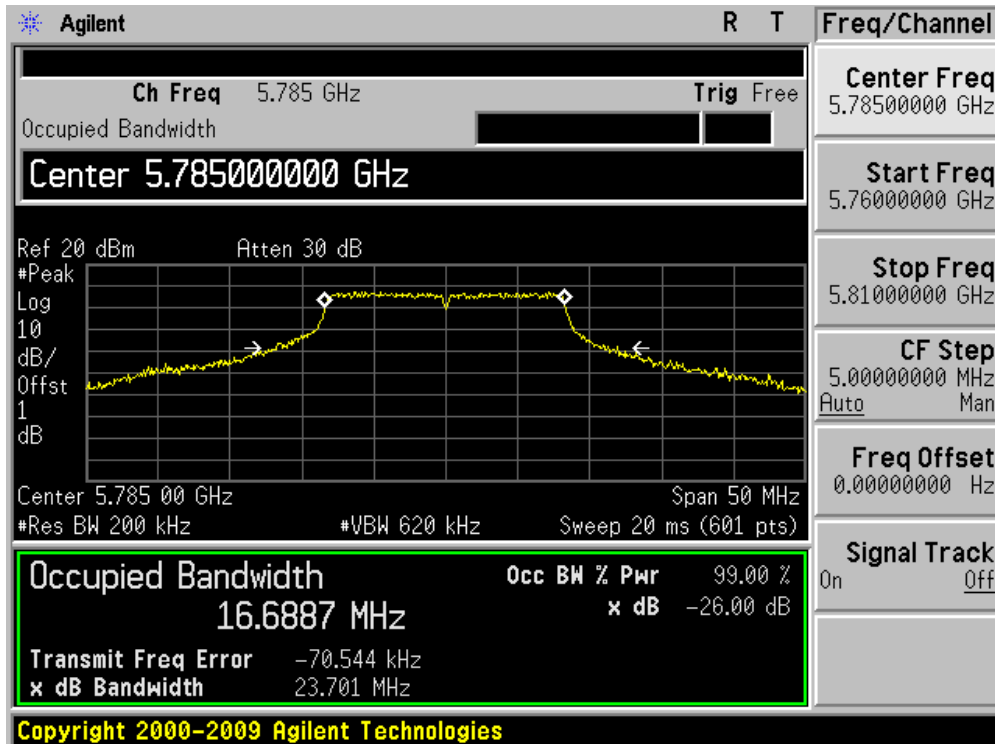
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 2)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
149	5745	16729.6
157	5785	16688.7
165	5825	16707.0

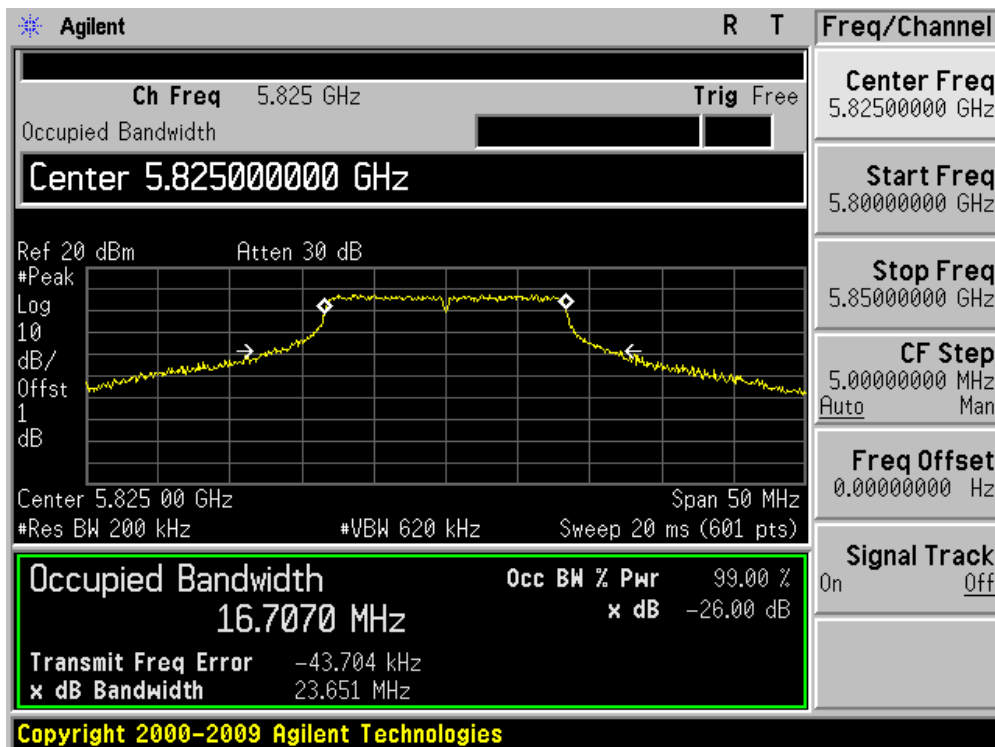
Channel 149 (5745MHz)



Channel 157 (5785MHz)



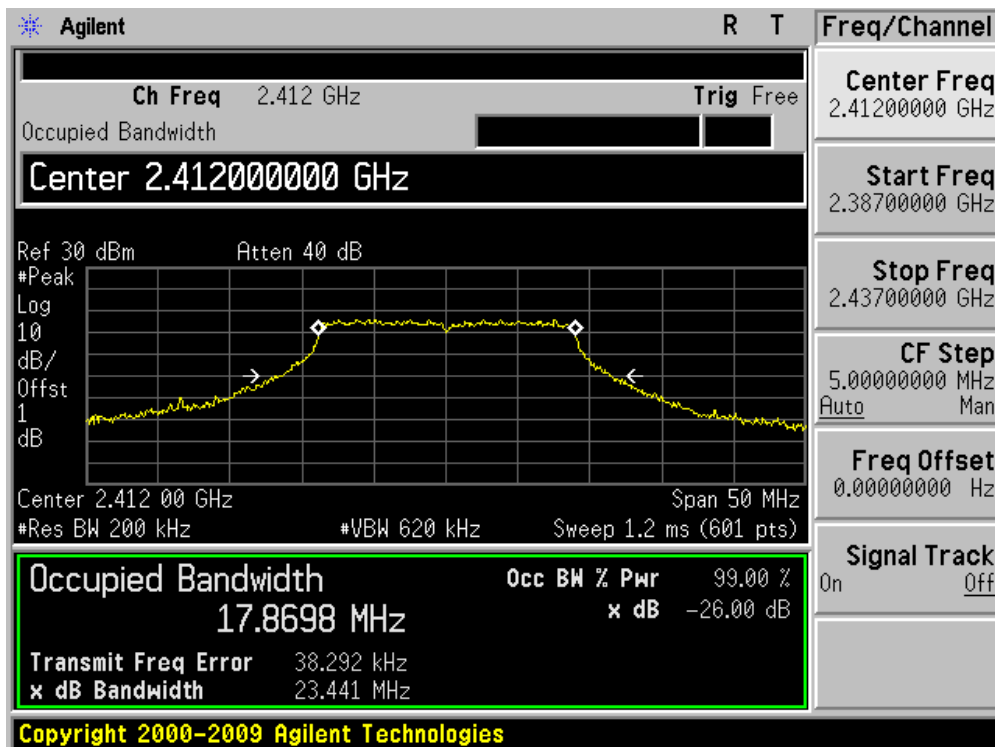
Channel 165 (5825MHz)



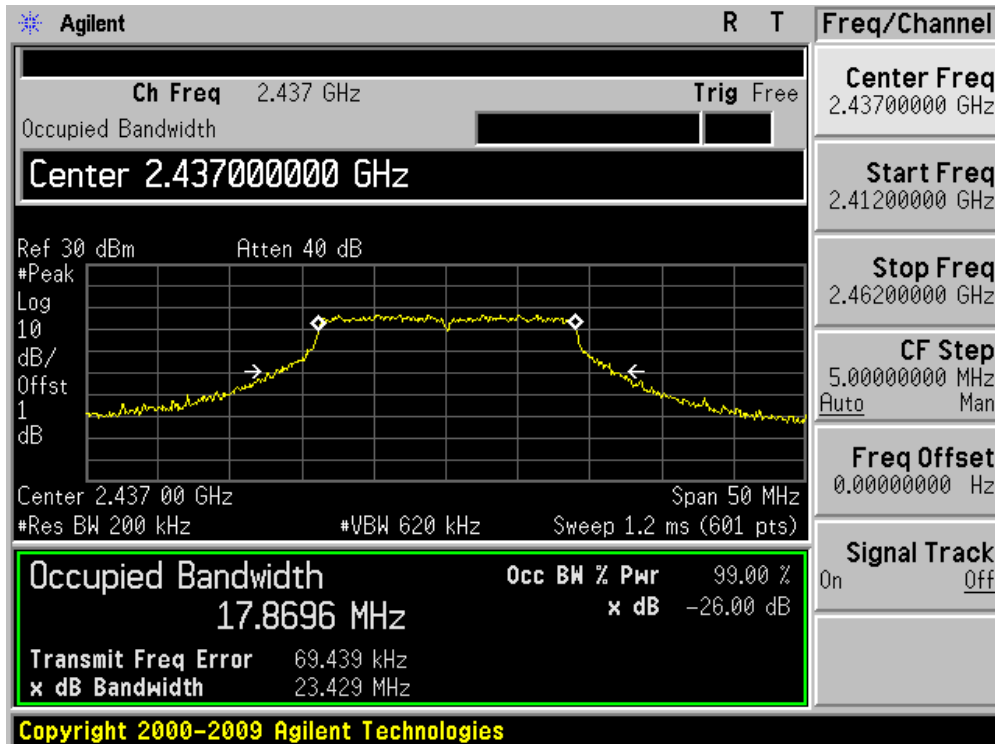
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 2)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
01	2412	17869.8
06	2437	17869.6
11	2462	17843.2
149	5745	17968.9
157	5785	18019.4
165	5825	18059.4

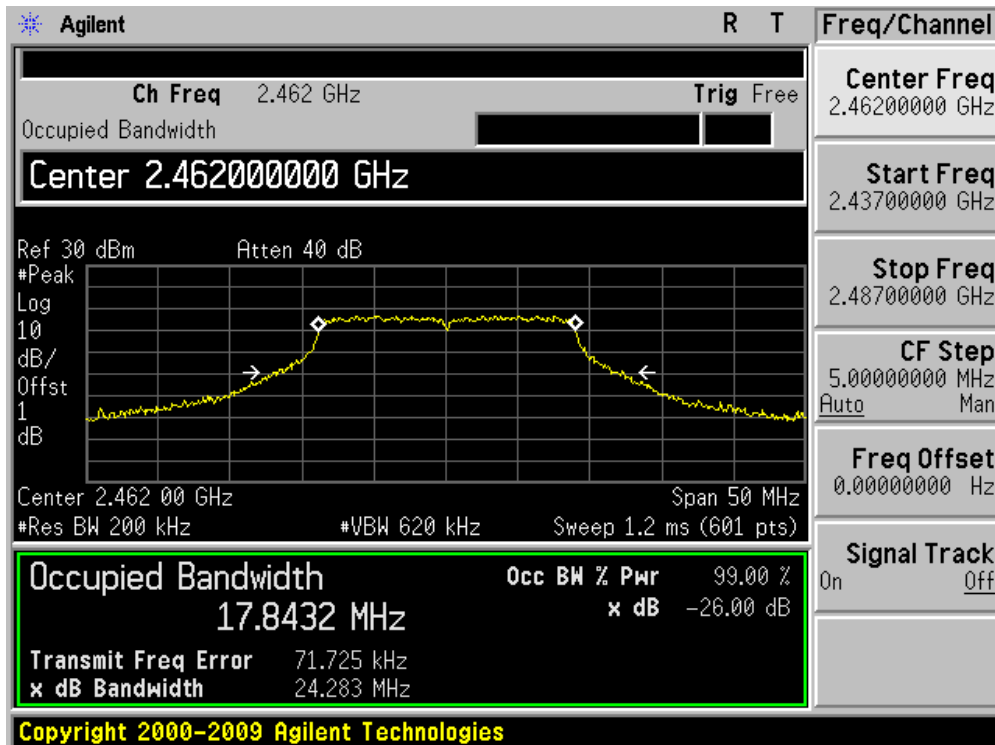
Channel 01 (2412MHz)



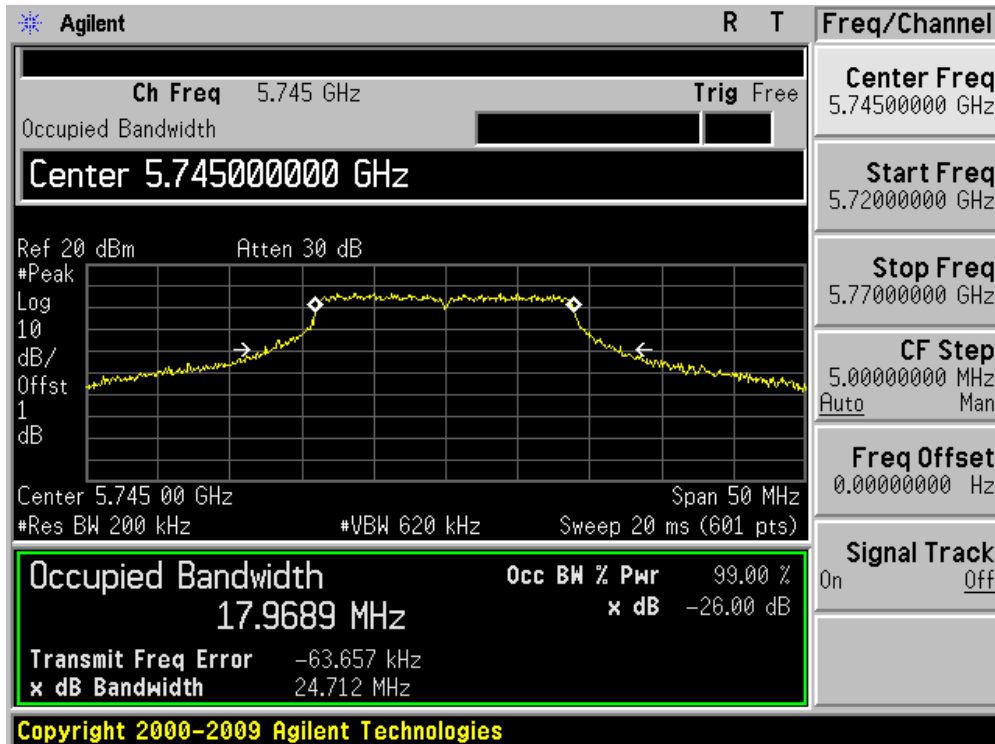
Channel 06 (2437MHz)



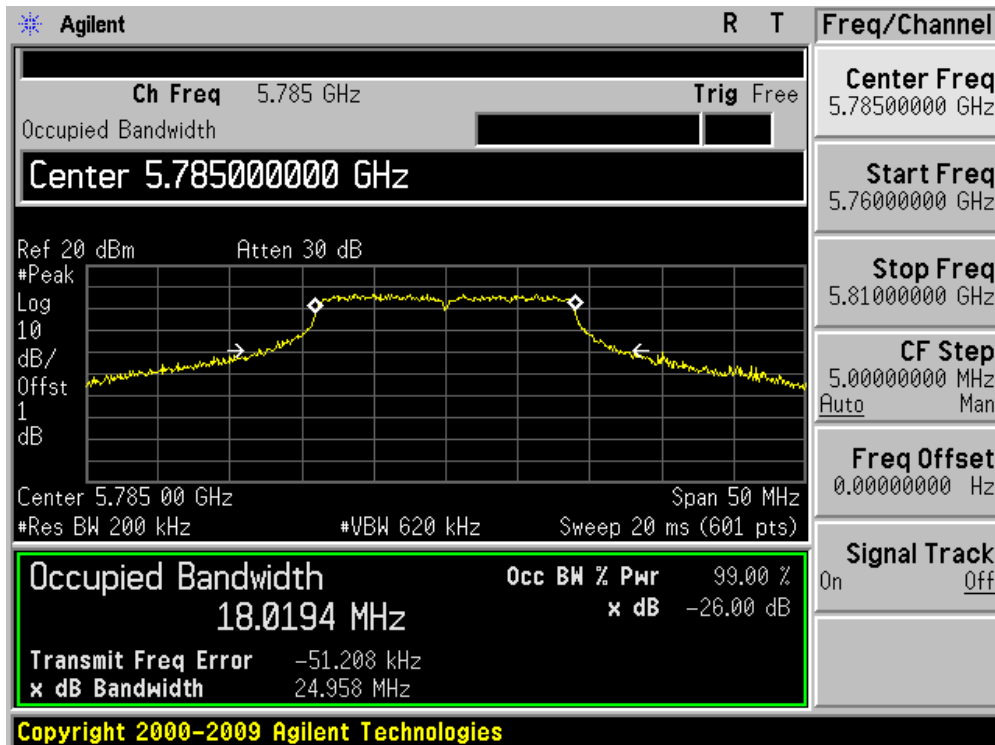
Channel 11 (2462MHz)



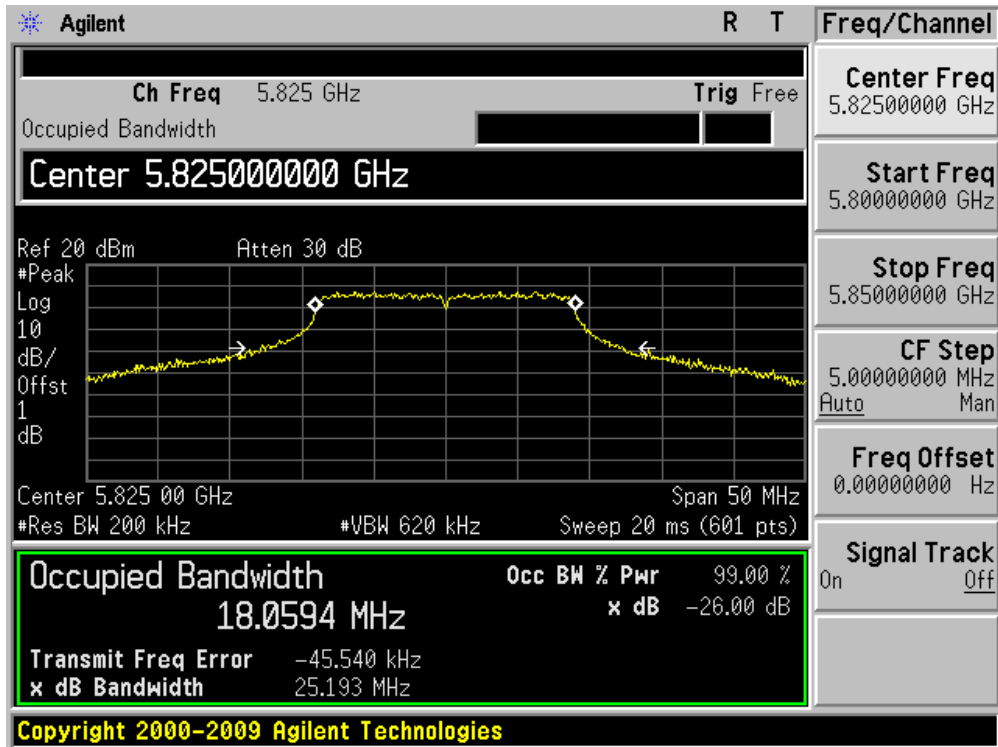
Channel 149 (5745MHz)



Channel 157 (5785MHz)



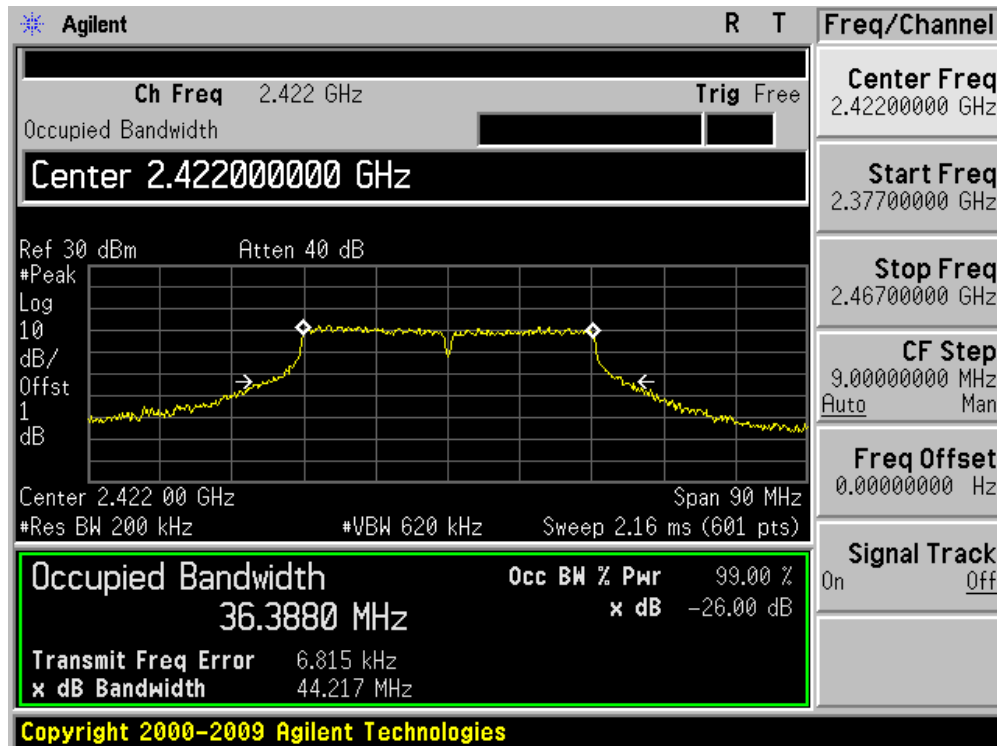
Channel 165 (5825MHz)



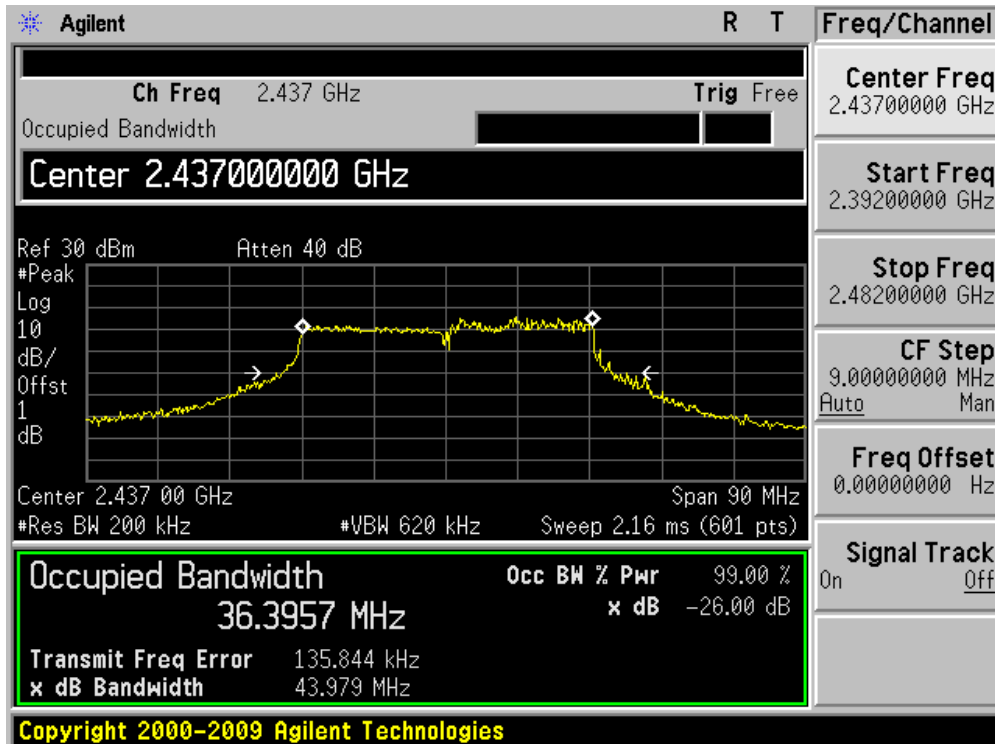
Product	:	Wireless LAN access Point
Test Item	:	99% Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 2)

Channel No.	Frequency (MHz)	99% Bandwidth (kHz)
03	2422	36388.0
06	2437	36395.7
09	2452	36134.8
151	5755	36509.9
159	5795	36494.9

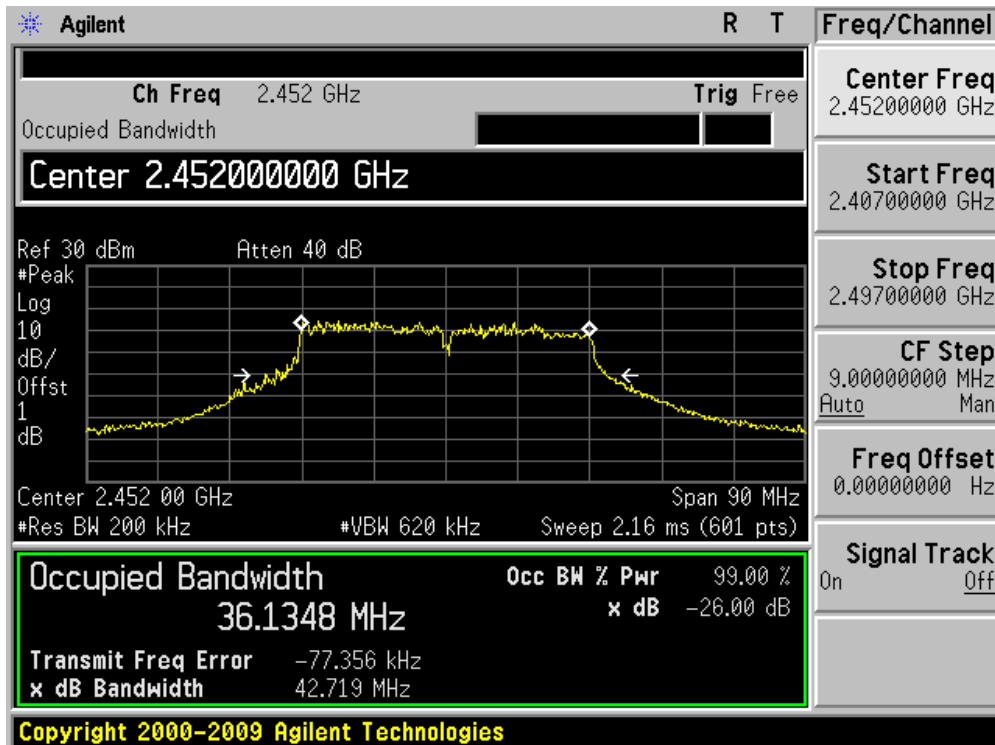
Channel 03 (2422MHz)



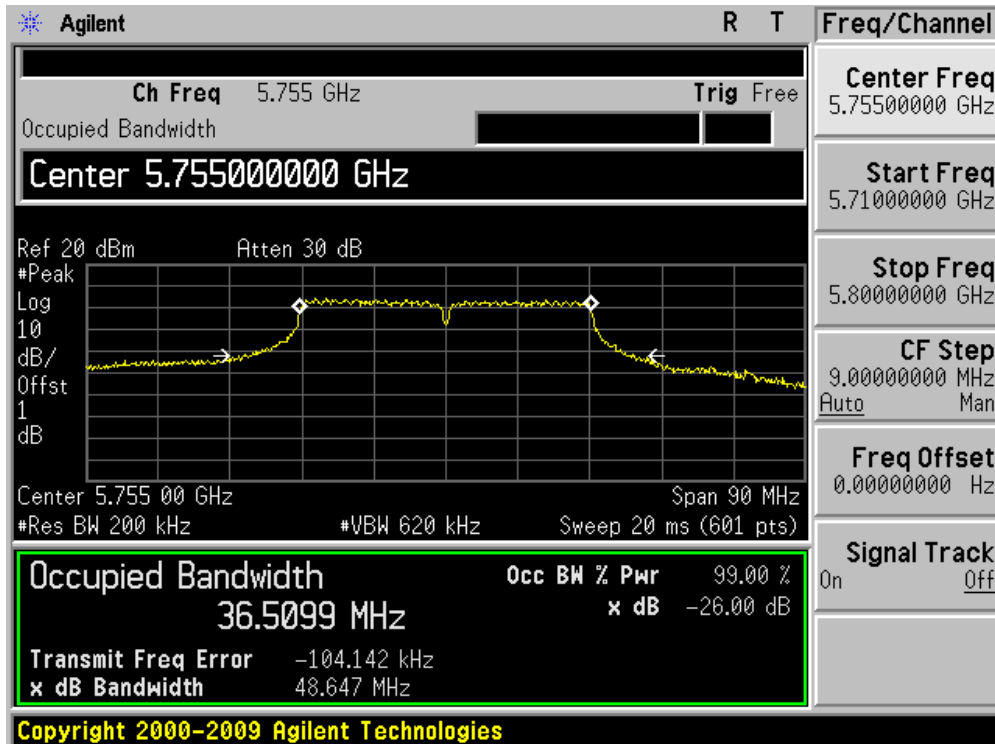
Channel 06 (2437MHz)



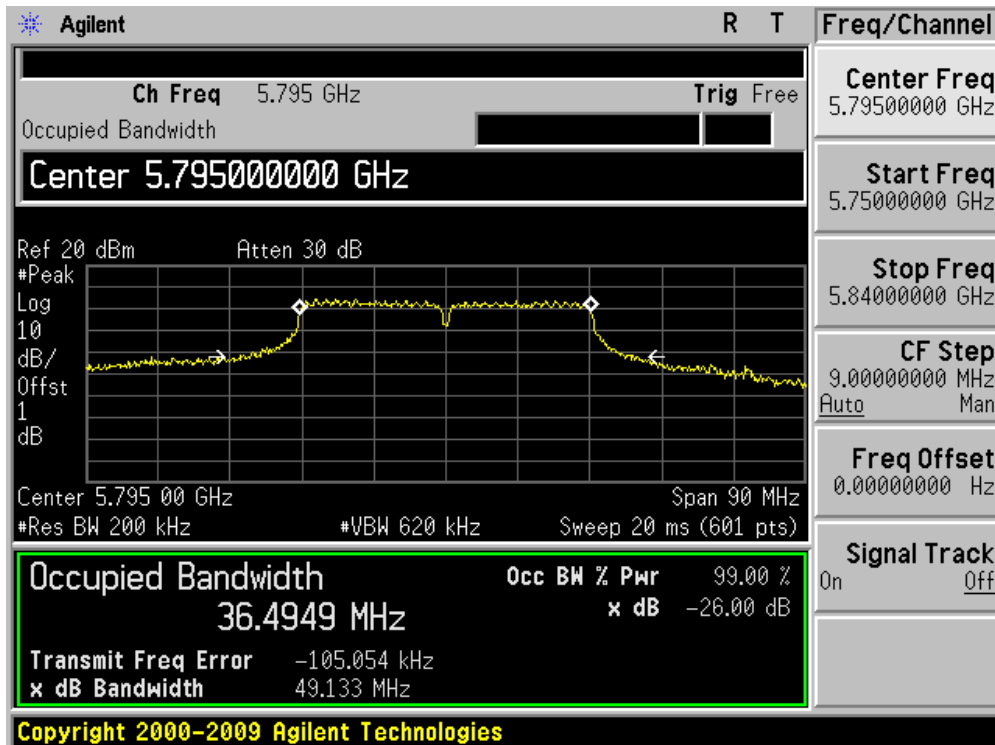
Channel 09 (2452MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



9. Power Output

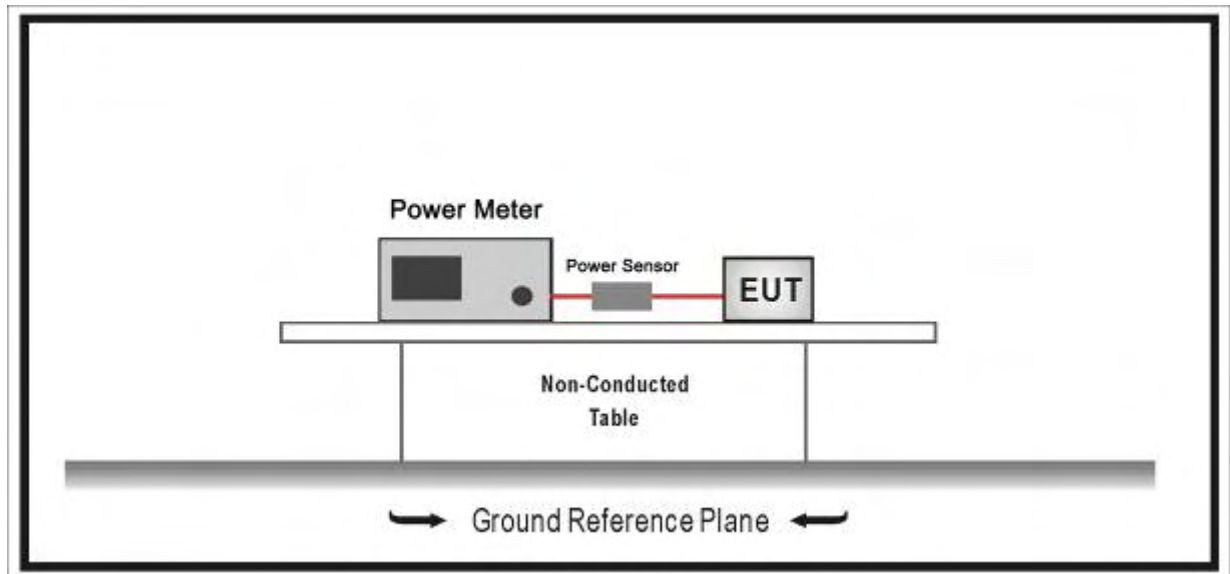
9.1. Test Equipment

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	2012.05.04

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

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)						
		802.11b	802.11g	802.11a	20MHz Bandwidth		40MHz Bandwidth	
					800ns GI	400ns GI	800ns GI	400ns GI
0	1	1	6	6	6.5	7.2	13.5	15.0
1	1	2	9	9	13.0	14.4	27.0	30.0
2	1	5.5	12	12	19.5	21.7	40.5	45.0
3	1	11	18	18	26.0	28.9	54.0	60.0
4	1	---	24	24	39.0	43.3	81.0	90.0
5	1	---	36	36	52.0	57.8	108.0	120.0
6	1	---	48	48	58.5	65.0	121.5	135.0
7	1	---	54	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 0)	20	2437	6	1	22.22
				5.5	23.36
				11	24.05
802.11g(Chain 0)	20	2437	6	6	21.73
				24	21.72
				54	21.38
802.11a(Chain 0)	20	5785	157	6	22.85
				24	22.74
				54	22.54
802.11n(Chain 0)	20	2437	6	HT0	21.65
				HT4	21.41
				HT7	21.22
802.11n(Chain 0)	40	2437	6	HT0	20.48
				HT4	20.20
				HT7	19.95

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	23.75	N/A	N/A	23.75	30.00	Pass	29.75
6	2437	24.05	N/A	N/A	24.05	30.00	Pass	30.05
11	2462	24.01	N/A	N/A	24.01	30.00	Pass	30.01

Max.EIRP=Total Power + Antenna Gain

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

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	N/A	18.15	N/A	18.15	30.00	Pass	24.15
6	2437	N/A	20.34	N/A	20.34	30.00	Pass	26.34
11	2462	N/A	22.30	N/A	22.30	30.00	Pass	28.30

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	N/A	N/A	24.96	24.96	30.00	Pass	30.96

6	2437	N/A	N/A	24.59	24.59	30.00	Pass	30.59
11	2462	N/A	N/A	24.42	24.42	30.00	Pass	30.42

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	21.58	N/A	N/A	21.58	30.00	Pass	27.58
6	2437	21.73	N/A	N/A	21.73	30.00	Pass	27.73
11	2462	21.47	N/A	N/A	21.47	30.00	Pass	27.47

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	N/A	21.12	N/A	21.12	30.00	Pass	27.12
6	2437	N/A	21.02	N/A	21.02	30.00	Pass	27.02
11	2462	N/A	21.87	N/A	21.87	30.00	Pass	27.87

Max.EIRP=Total Power + Antenna Gain

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

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	N/A	N/A	24.42	24.42	30.00	Pass	30.42
6	2437	N/A	N/A	24.05	24.05	30.00	Pass	30.05
11	2462	N/A	N/A	23.92	23.92	30.00	Pass	29.92

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
149	5745	22.31	N/A	N/A	22.31	30.00	Pass	28.61
157	5785	22.85	N/A	N/A	22.85	30.00	Pass	29.15
165	5825	22.94	N/A	N/A	22.94	30.00	Pass	29.24

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
149	5745	N/A	25.19	N/A	25.19	30.00	Pass	31.49
157	5785	N/A	26.14	N/A	26.14	30.00	Pass	32.44
165	5825	N/A	27.17	N/A	27.17	30.00	Pass	33.47

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
149	5745	N/A	N/A	22.16	22.16	30.00	Pass	28.46
157	5785	N/A	N/A	22.74	22.74	30.00	Pass	29.04
165	5825	N/A	N/A	22.63	22.63	30.00	Pass	28.93

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	19.58	N/A	N/A	19.58	30.00	Pass	25.58
6	2437	21.65	N/A	N/A	21.65	30.00	Pass	27.65
11	2462	21.38	N/A	N/A	21.38	30.00	Pass	27.38
149	5745	22.11	N/A	N/A	22.11	30.00	Pass	28.41
157	5785	22.72	N/A	N/A	22.72	30.00	Pass	29.02
165	5825	22.93	N/A	N/A	22.93	30.00	Pass	29.23

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	N/A	19.61	N/A	19.61	30.00	Pass	25.61
6	2437	N/A	20.01	N/A	20.01	30.00	Pass	26.01
11	2462	N/A	20.81	N/A	20.81	30.00	Pass	26.81
149	5745	N/A	20.72	N/A	20.72	30.00	Pass	27.02
157	5785	N/A	22.20	N/A	22.20	30.00	Pass	28.50
165	5825	N/A	23.25	N/A	23.25	30.00	Pass	29.55

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	N/A	N/A	22.53	22.53	30.00	Pass	28.53
6	2437	N/A	N/A	23.15	23.15	30.00	Pass	29.15
11	2462	N/A	N/A	22.99	22.99	30.00	Pass	28.99
149	5745	N/A	N/A	22.18	22.18	30.00	Pass	28.48
157	5785	N/A	N/A	22.44	22.44	30.00	Pass	28.74
165	5825	N/A	N/A	22.60	22.60	30.00	Pass	28.90

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				

1	2412	17.85	16.90	N/A	20.41	30.00	Pass	26.41
6	2437	19.25	17.57	N/A	21.50	30.00	Pass	27.50
11	2462	18.63	18.53	N/A	21.59	30.00	Pass	27.59
149	5745	19.28	23.08	N/A	24.59	30.00	Pass	30.89
157	5785	19.73	24.05	N/A	25.42	30.00	Pass	31.72
165	5825	20.62	24.96	N/A	26.32	30.00	Pass	32.62

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Chain 0+1+2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
1	2412	18.77	17.76	18.98	23.31	30.00	Pass	29.31
6	2437	20.38	18.85	20.00	24.56	30.00	Pass	30.56
11	2462	20.43	19.72	19.74	24.75	30.00	Pass	30.75
149	5745	17.60	21.25	17.75	23.99	30.00	Pass	30.29
157	5785	17.96	22.27	17.93	24.67	30.00	Pass	30.97
165	5825	18.75	23.23	17.72	25.37	30.00	Pass	31.67

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
3	2422	17.25	N/A	N/A	17.25	30.00	Pass	23.25
6	2437	20.48	N/A	N/A	20.48	30.00	Pass	26.48
9	2452	21.18	N/A	N/A	21.18	30.00	Pass	27.18

151	5755	21.77	N/A	N/A	21.77	30.00	Pass	28.07
159	5795	22.40	N/A	N/A	22.40	30.00	Pass	28.70

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
3	2422	N/A	15.01	N/A	15.01	30.00	Pass	21.01
6	2437	N/A	17.49	N/A	17.49	30.00	Pass	23.49
9	2452	N/A	17.11	N/A	17.11	30.00	Pass	23.11
151	5755	N/A	23.59	N/A	23.59	30.00	Pass	29.89
159	5795	N/A	24.49	N/A	24.49	30.00	Pass	30.79

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
3	2422	N/A	N/A	21.03	21.03	30.00	Pass	27.03
6	2437	N/A	N/A	20.53	20.53	30.00	Pass	26.53
9	2452	N/A	N/A	18.02	18.02	30.00	Pass	24.02
151	5755	N/A	N/A	22.02	22.02	30.00	Pass	28.32
159	5795	N/A	N/A	22.25	22.25	30.00	Pass	28.55

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
3	2422	14.72	12.96	N/A	16.94	30.00	Pass	22.94
6	2437	16.05	14.30	N/A	18.27	30.00	Pass	24.27
9	2452	18.92	17.07	N/A	21.10	30.00	Pass	27.10
151	5755	19.54	24.29	N/A	25.54	30.00	Pass	31.84
159	5795	20.29	24.51	N/A	25.90	30.00	Pass	32.20

Max.EIRP=Total Power + Antenna Gain

Product	:	Wireless LAN access Point
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11n(40MHz) (Chain 0+1+2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)			Total Power (dBm)	Limit (dBm)	Result	Max.EIRP (dBm)
		Chain 0	Chain 1	Chain 2				
3	2422	15.83	14.56	14.98	19.93	30.00	Pass	25.93
6	2437	17.34	15.70	15.95	21.16	30.00	Pass	27.16
9	2452	17.60	15.99	16.60	21.55	30.00	Pass	27.55
151	5755	18.41	22.70	18.97	25.24	30.00	Pass	31.54
159	5795	18.31	22.33	18.30	24.86	30.00	Pass	31.16

Max.EIRP=Total Power + Antenna Gain

10. Power Spectral Density

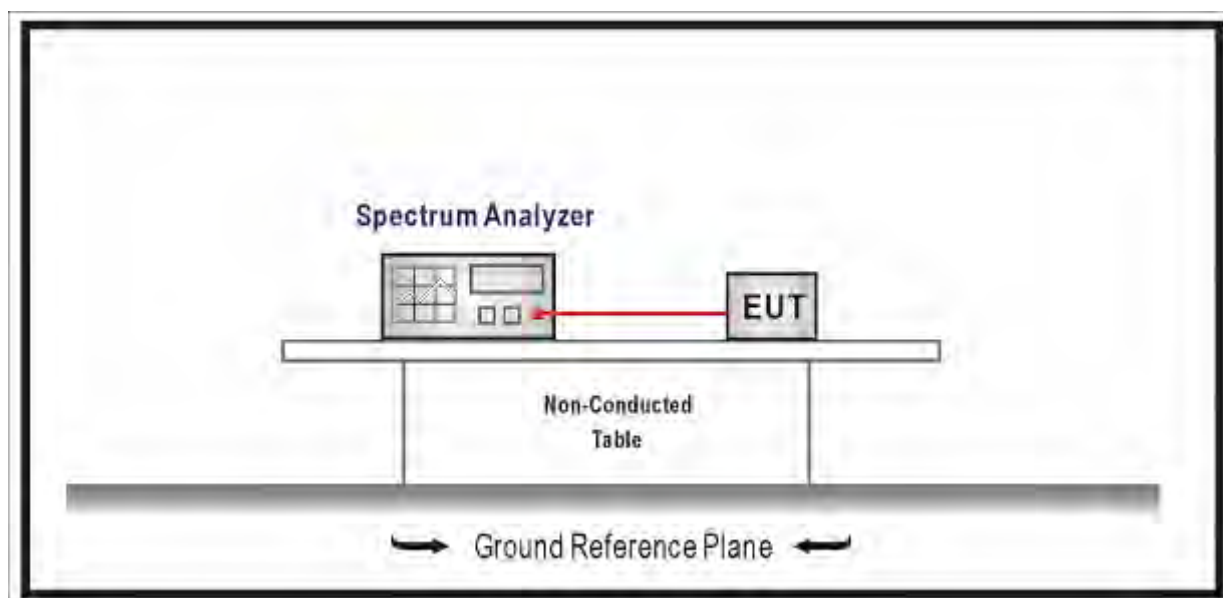
10.1. Test Equipment

Power Spectral Density / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2012.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2012.05.04

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 \cong 10 kHz, Sweep time=100s, Set detector=Peak detector.

10.5. Uncertainty

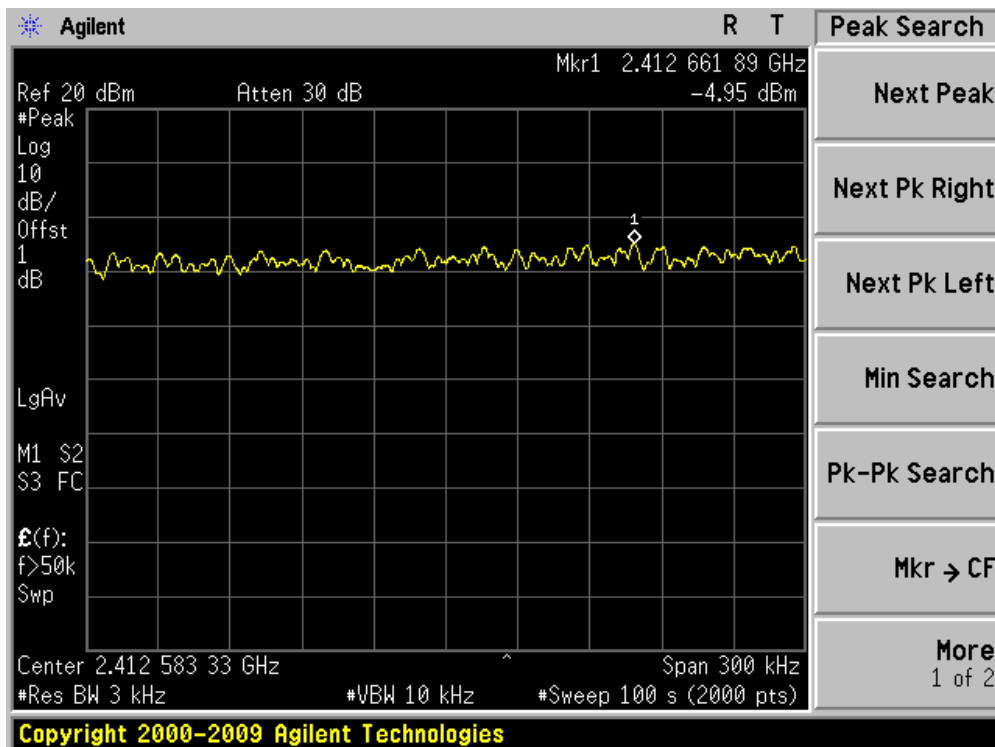
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

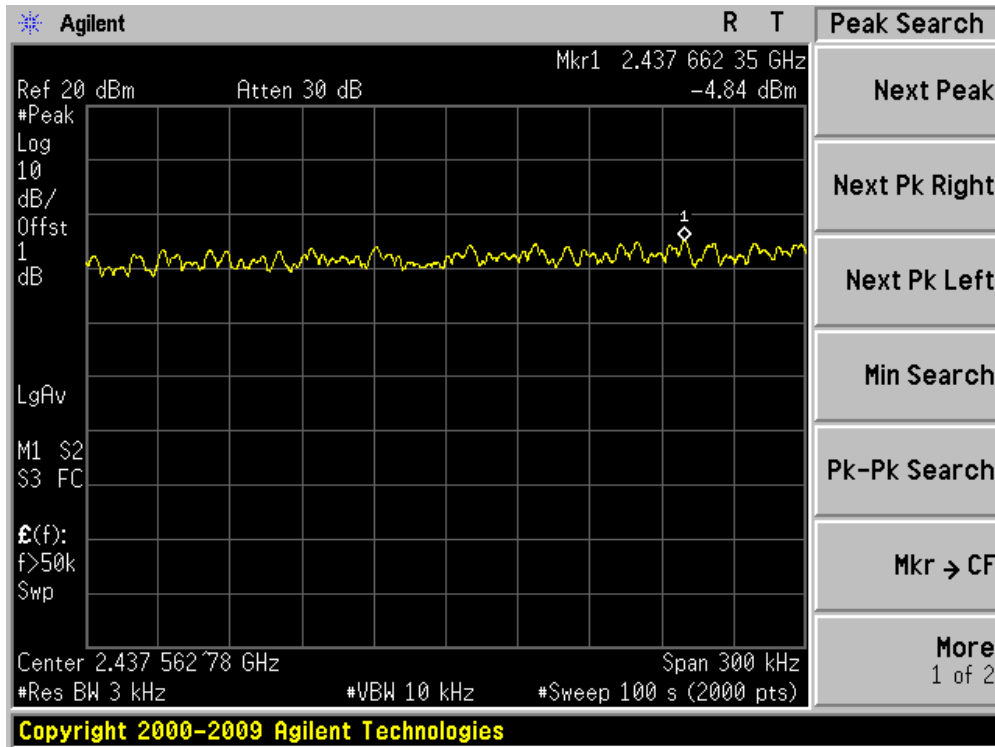
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	-4.95	N/A	N/A	-4.95	8	Pass
06	2437	-4.84	N/A	N/A	-4.84	8	Pass
11	2462	-4.32	N/A	N/A	-4.32	8	Pass

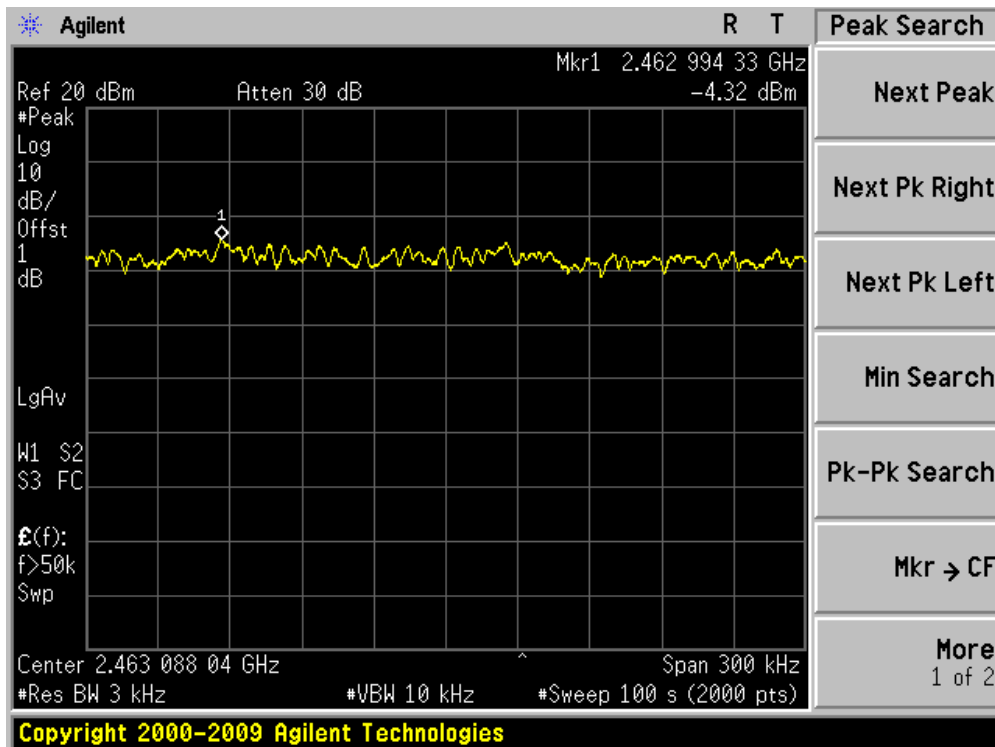
Channel 01 (2412MHz)



Channel 06 (2437MHz)



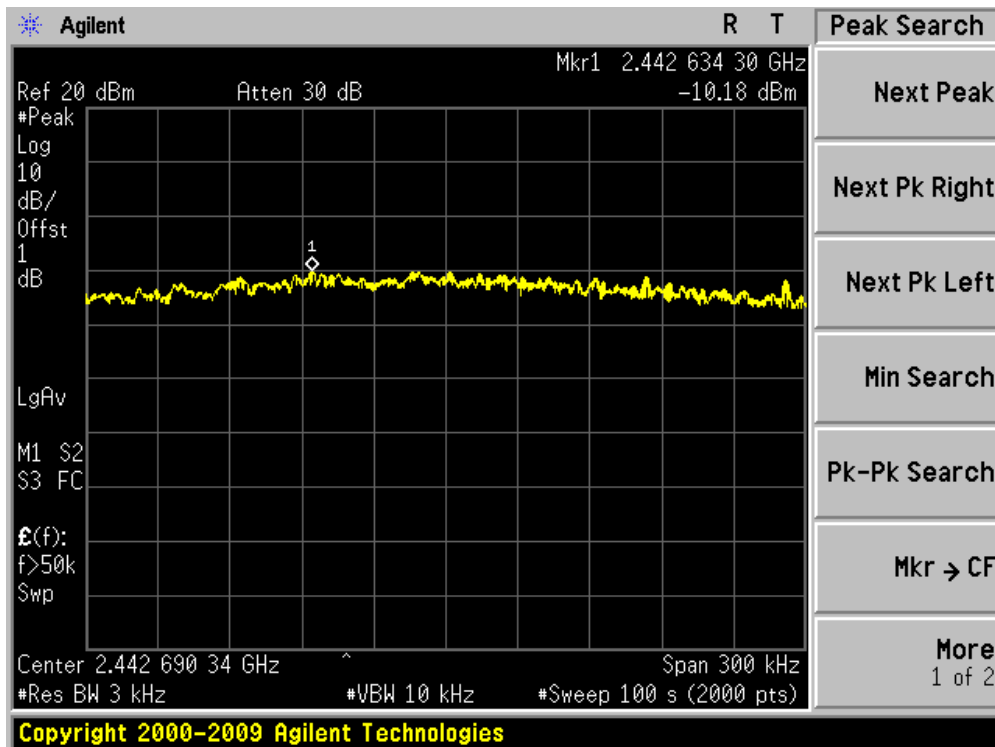
Channel 11 (2462MHz)



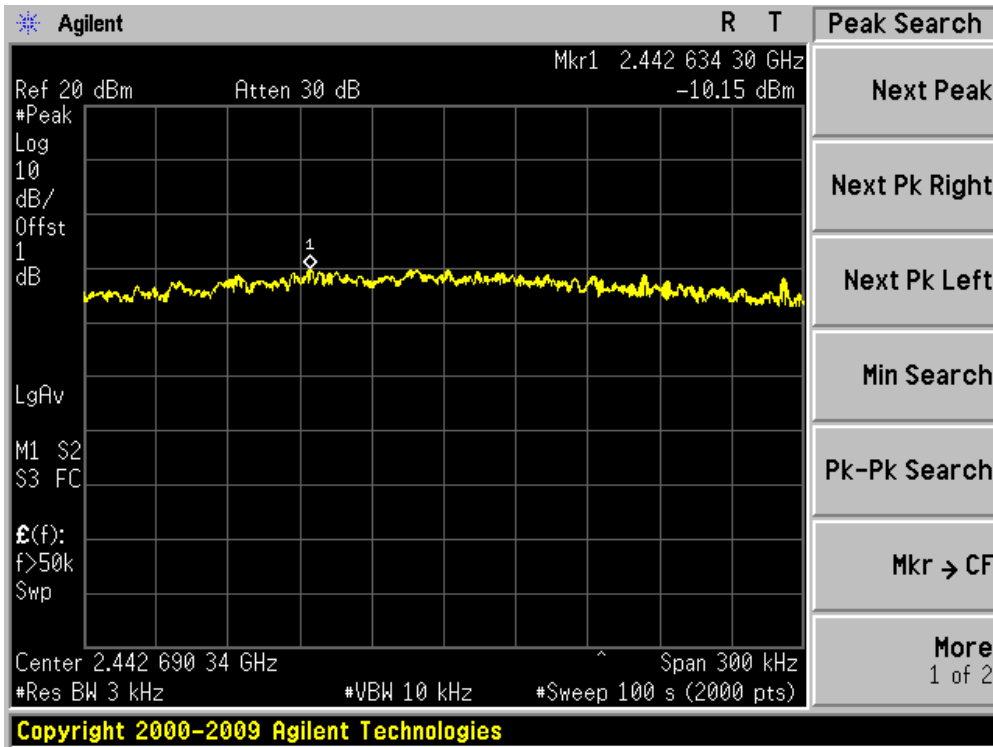
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	-10.18	N/A	N/A	-10.18	8	Pass
06	2437	-10.15	N/A	N/A	-10.15	8	Pass
11	2462	-10.05	N/A	N/A	-10.05	8	Pass

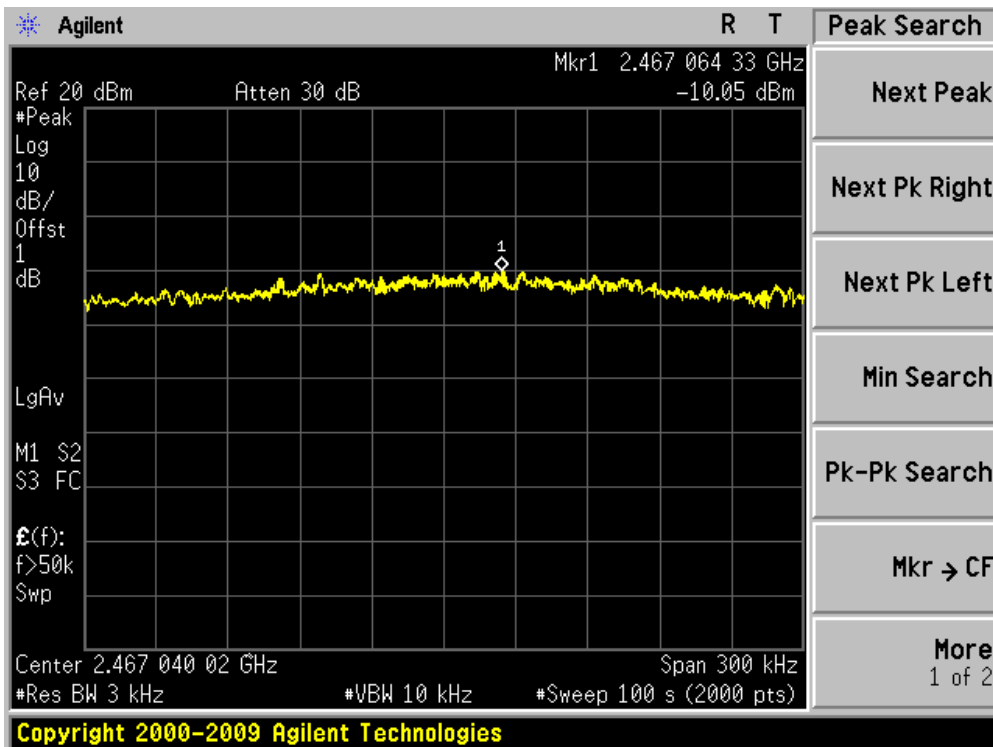
Channel 01 (2412MHz)



Channel 06 (2437MHz)



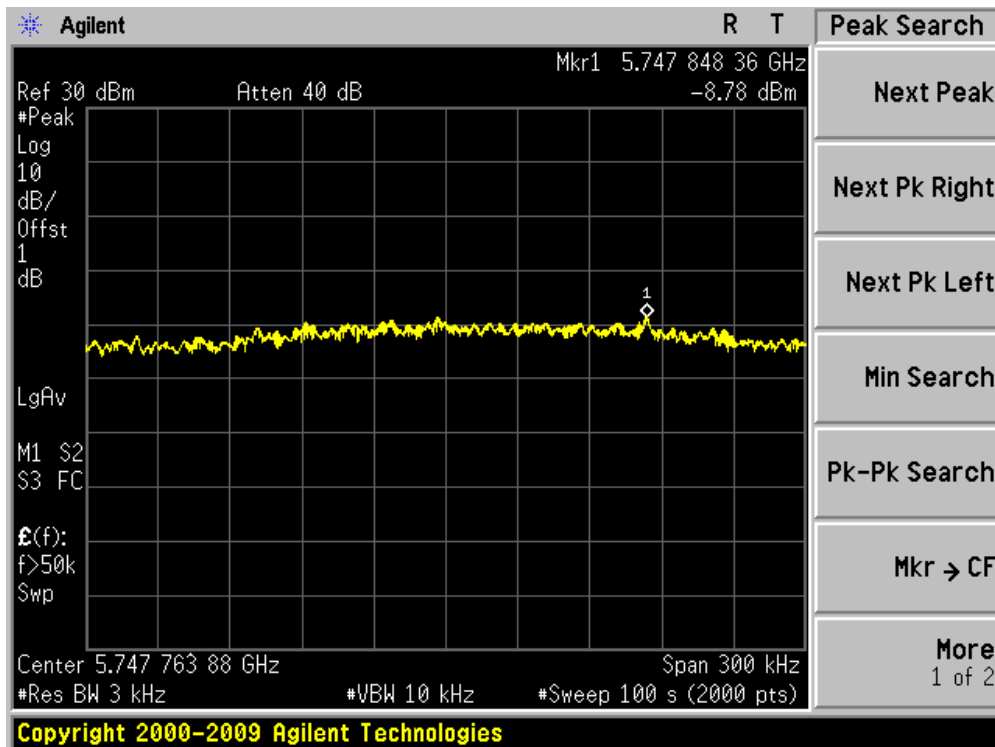
Channel 11 (2462MHz)



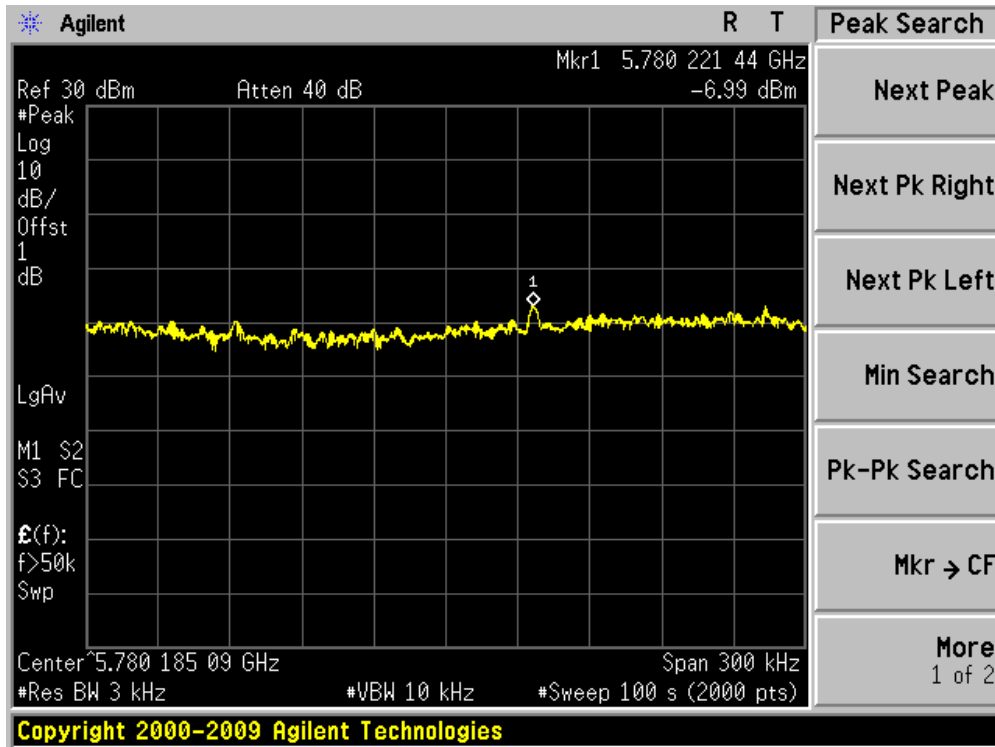
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
149	5745	-6.12	N/A	N/A	-6.12	8	Pass
157	5785	-2.63	N/A	N/A	-2.63	8	Pass
165	5825	-1.14	N/A	N/A	-1.14	8	Pass

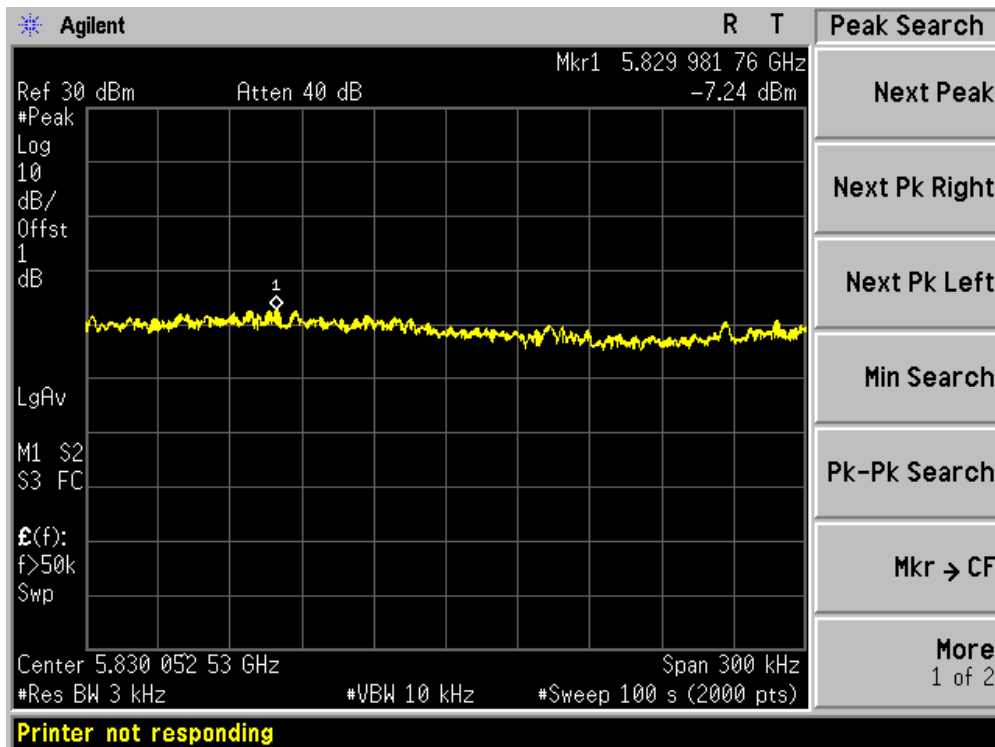
Channel 149 (5745MHz)



Channel 157 (5785MHz)



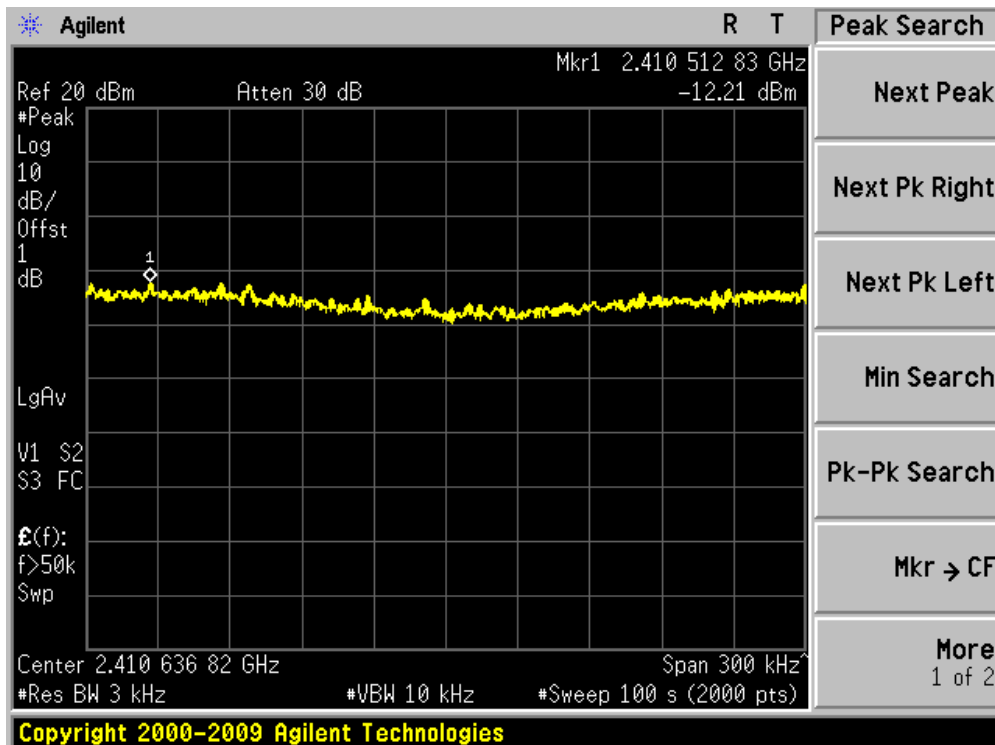
Channel 165 (5825MHz)



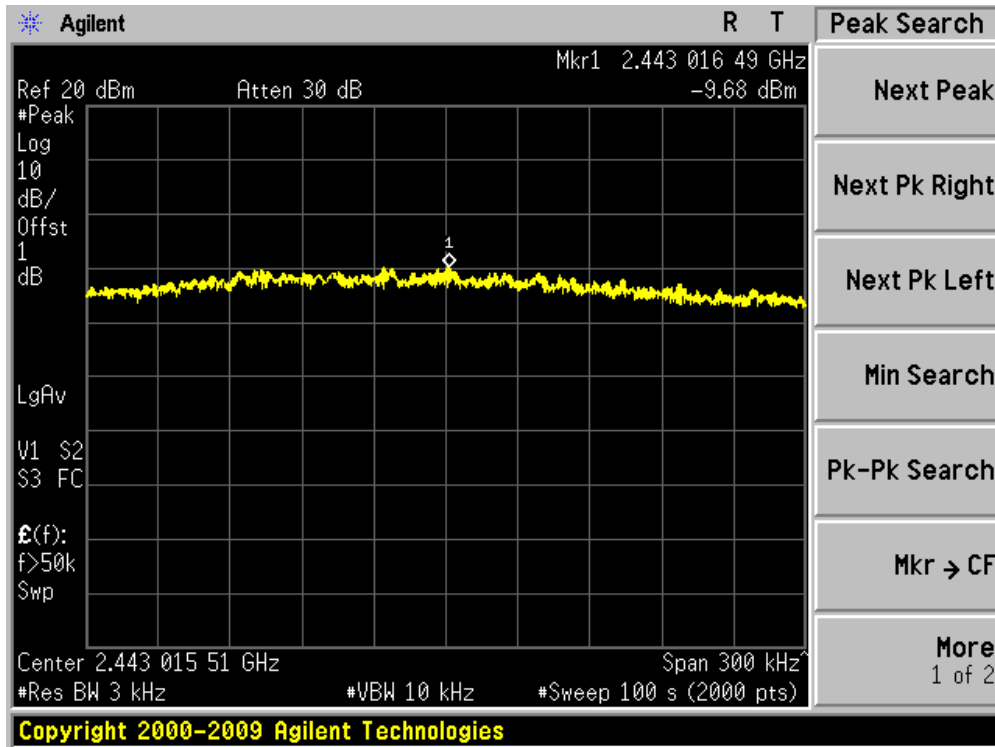
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	-12.21	N/A	N/A	-12.21	8	Pass
06	2437	-9.68	N/A	N/A	-9.68	8	Pass
11	2462	-10.21	N/A	N/A	-10.21	8	Pass
149	5745	-3.72	N/A	N/A	-3.72	8	Pass
157	5785	-2.52	N/A	N/A	-2.52	8	Pass
165	5825	-3.09	N/A	N/A	-3.09	8	Pass

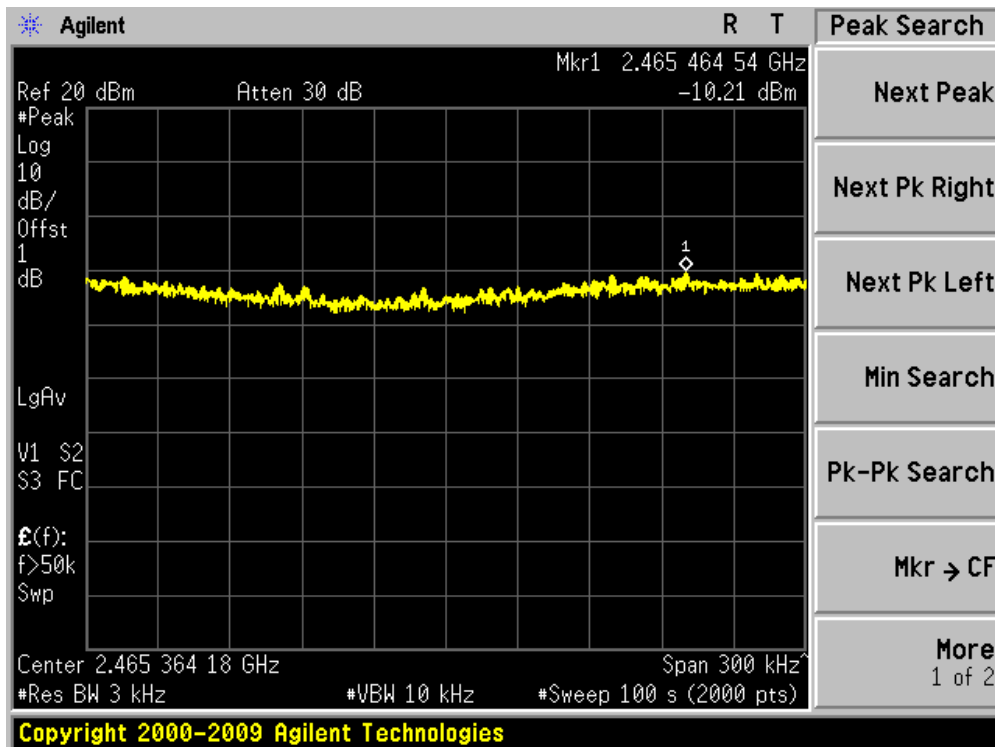
Channel 01 (2412MHz)



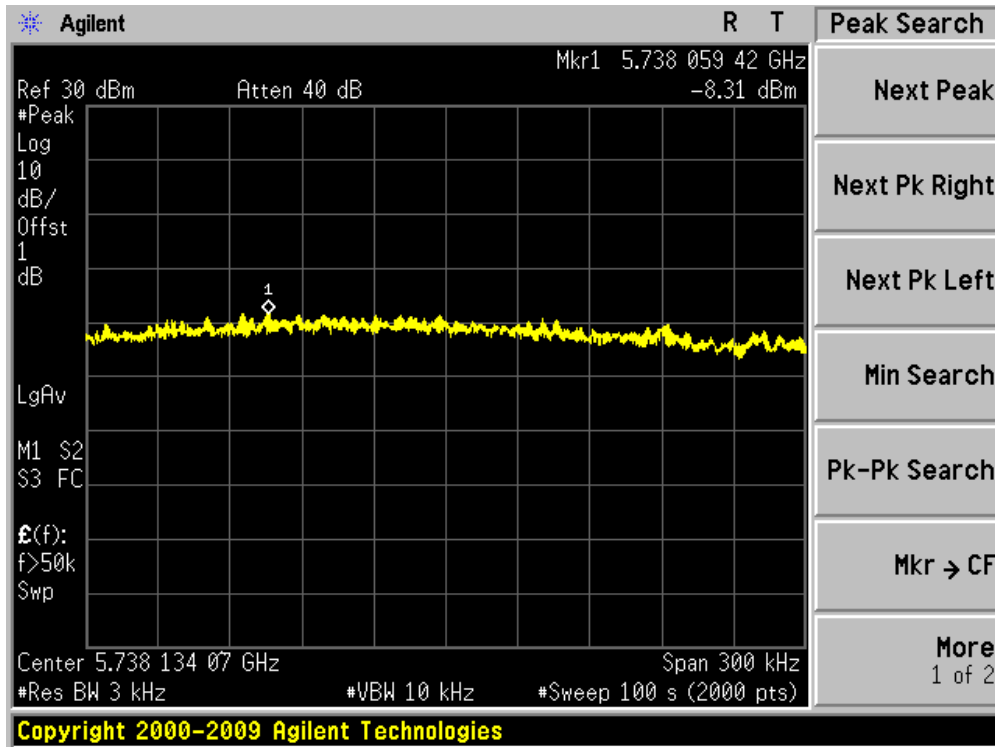
Channel 06 (2437MHz)



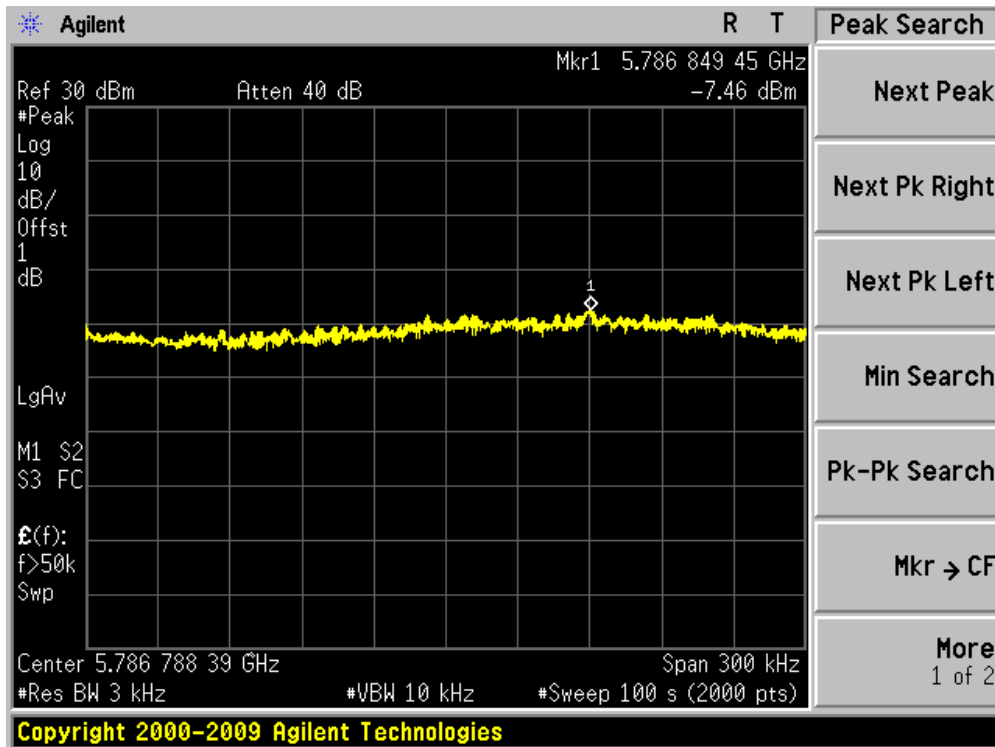
Channel 11 (2462MHz)



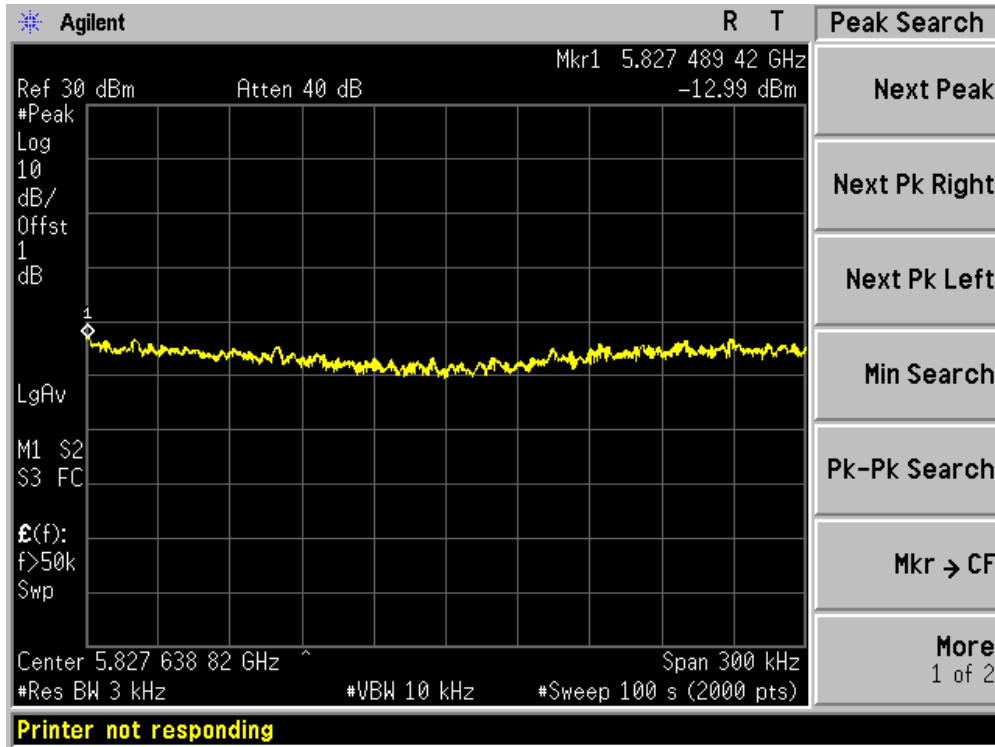
Channel 149 (5745MHz)



Channel 157 (5785MHz)



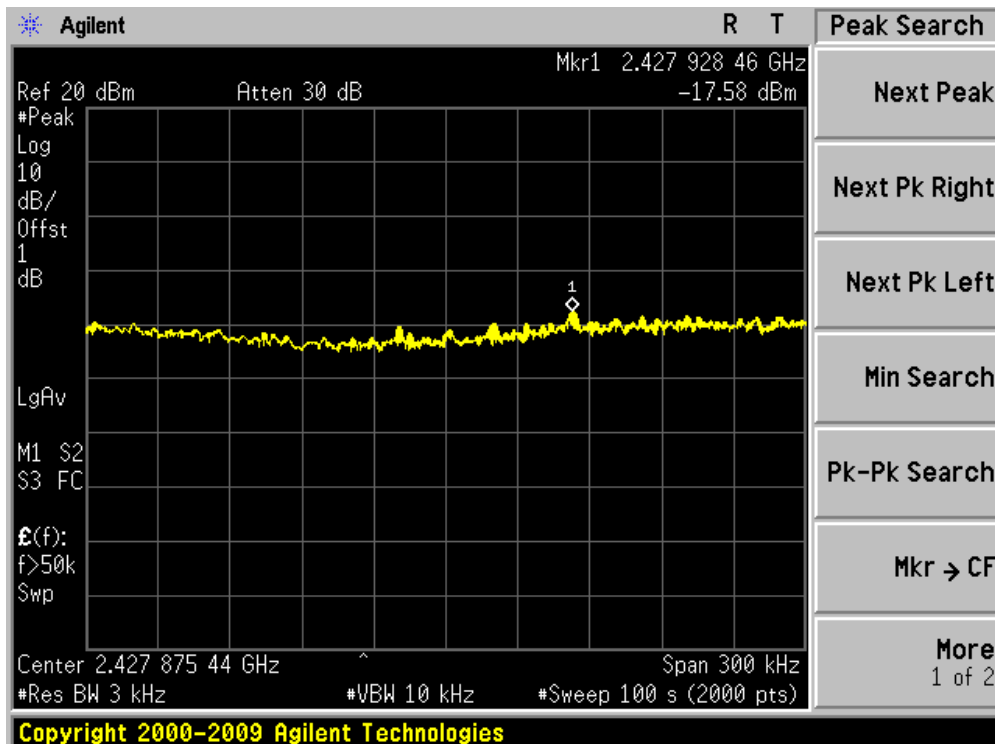
Channel 165 (5825MHz)



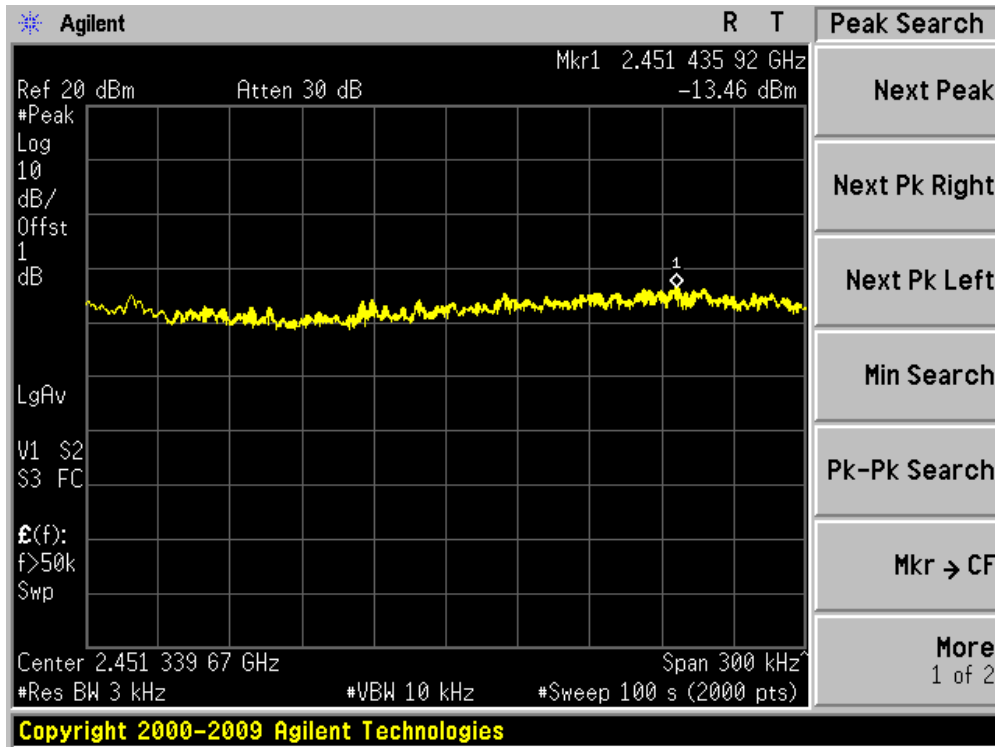
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
03	2422	-17.58	N/A	N/A	-17.58	8	Pass
06	2437	-13.46	N/A	N/A	-13.46	8	Pass
09	2452	-13.44	N/A	N/A	-13.44	8	Pass
151	5755	-7.50	N/A	N/A	-7.50	8	Pass
159	5795	-7.90	N/A	N/A	-7.90	8	Pass

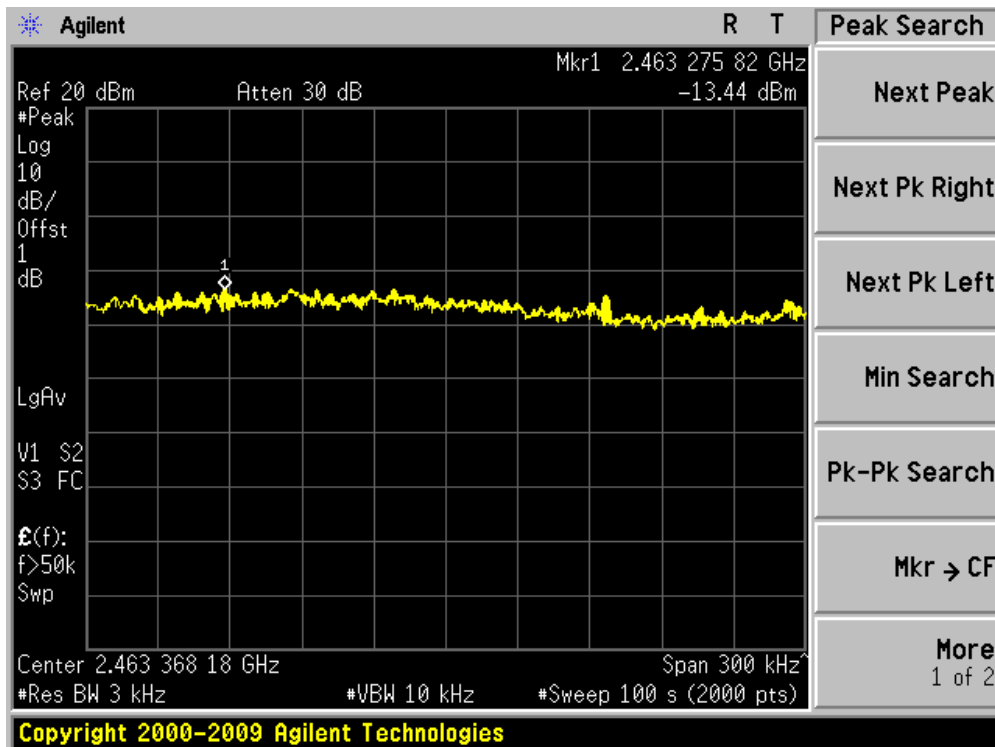
Channel 03 (2422MHz)



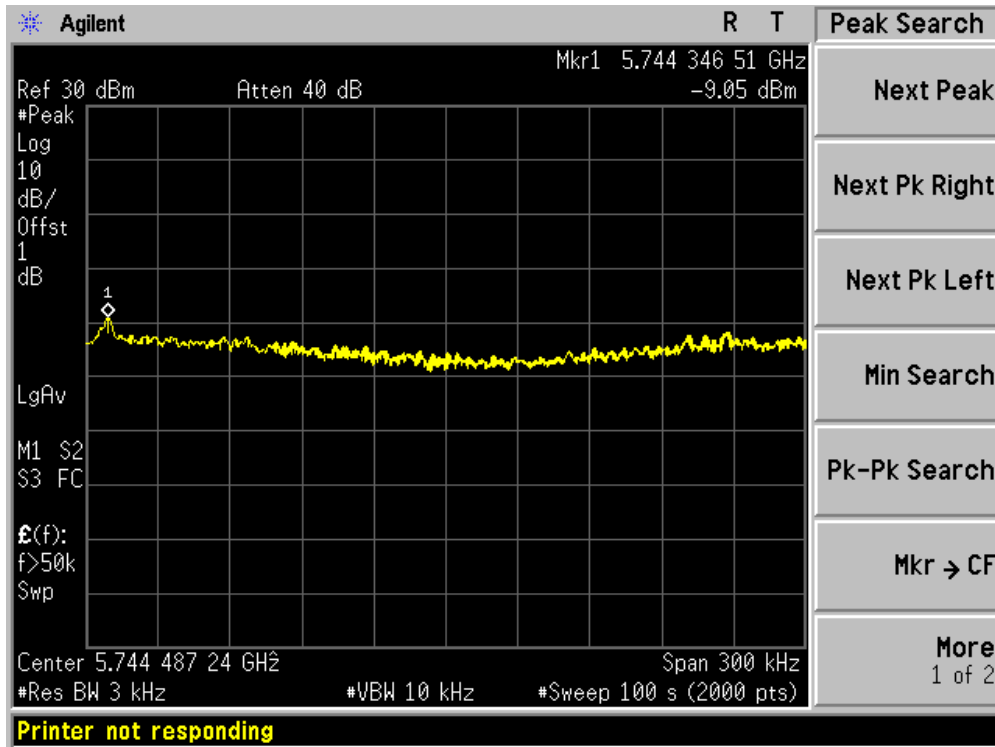
Channel 06 (2437MHz)



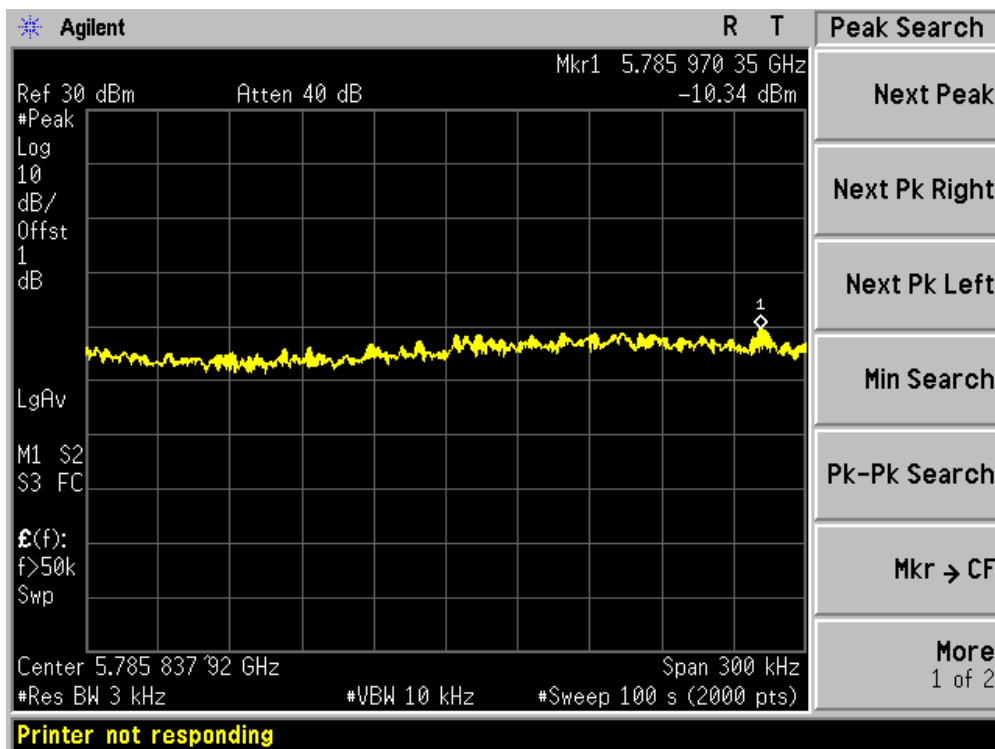
Channel 09 (2452MHz)



Channel 151 (5755MHz)



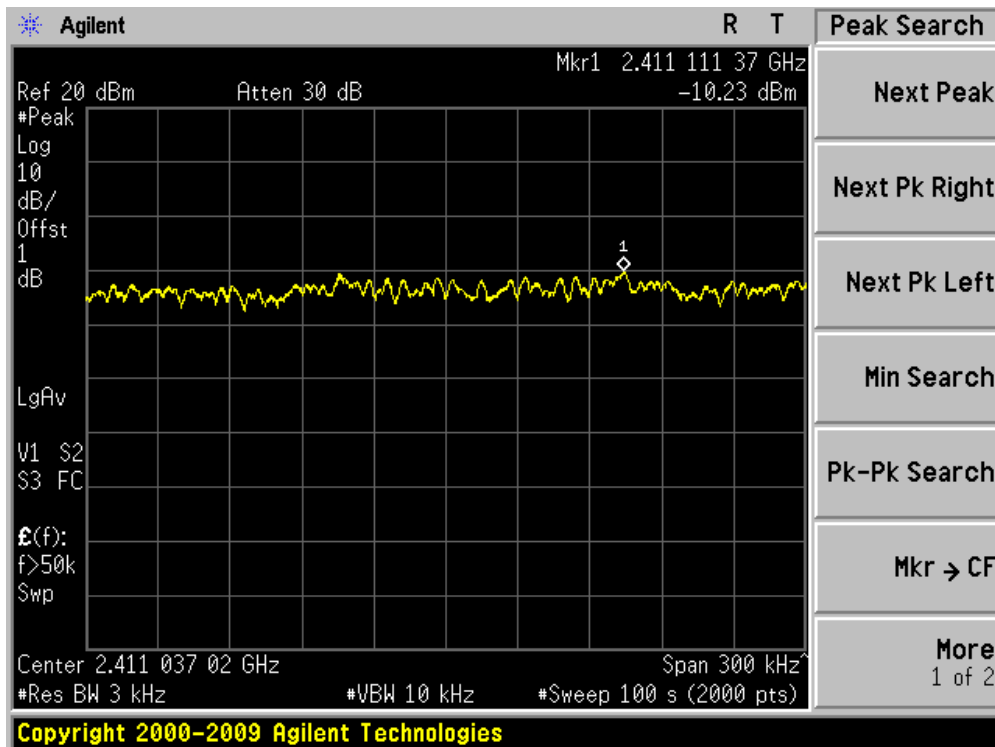
Channel 159 (5795MHz)



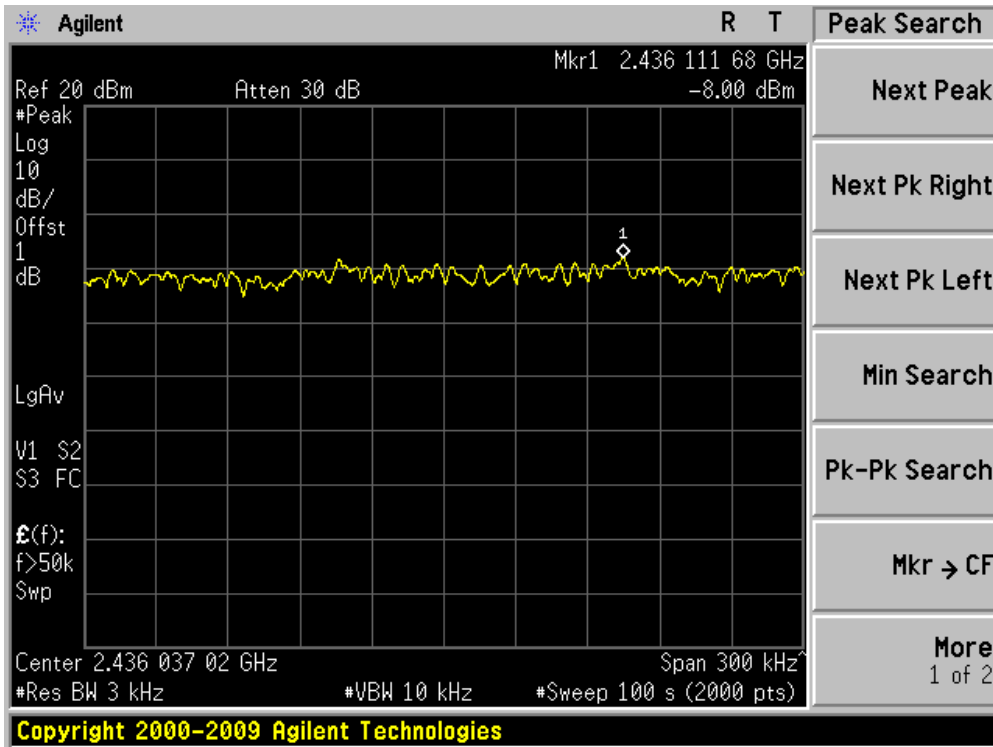
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	N/A	-10.23	N/A	-10.23	8	Pass
06	2437	N/A	-8.00	N/A	-8.00	8	Pass
11	2462	N/A	-6.69	N/A	-6.69	8	Pass

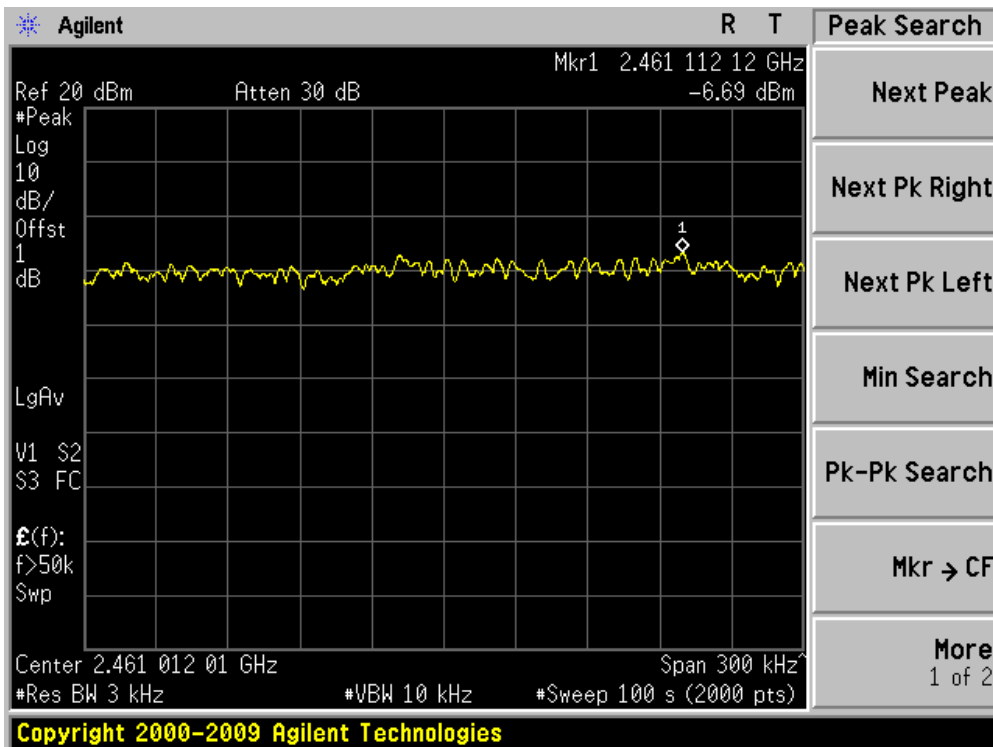
Channel 01 (2412MHz)



Channel 06 (2437MHz)



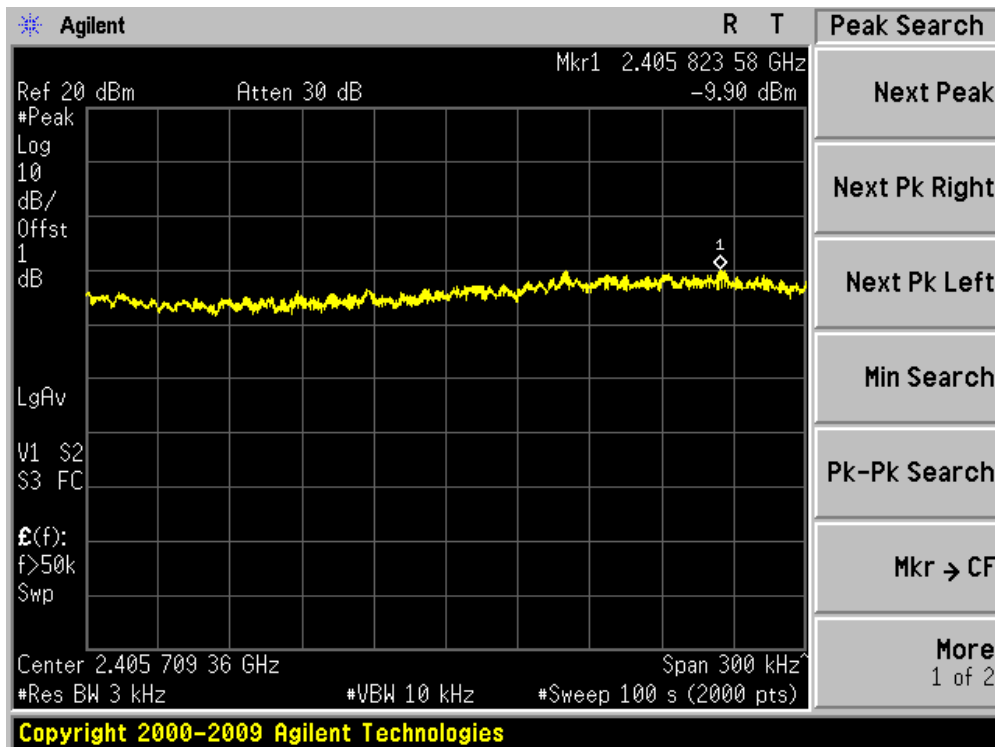
Channel 11 (2462MHz)



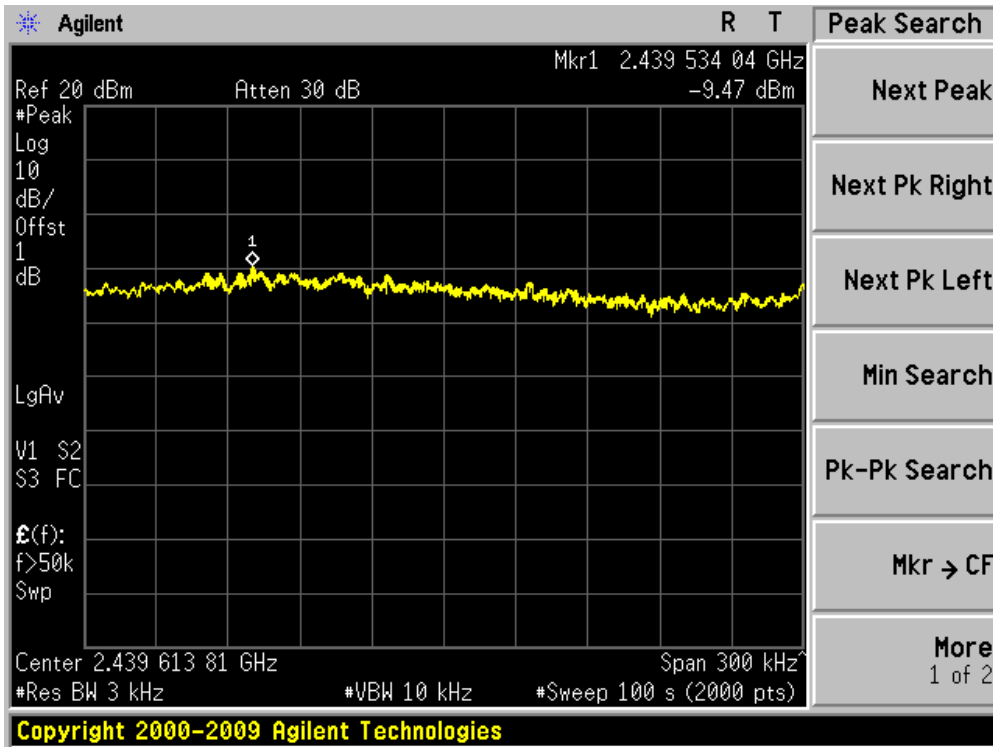
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	N/A	-9.90	N/A	-9.90	8	Pass
06	2437	N/A	-9.47	N/A	-9.47	8	Pass
11	2462	N/A	-8.38	N/A	-8.38	8	Pass

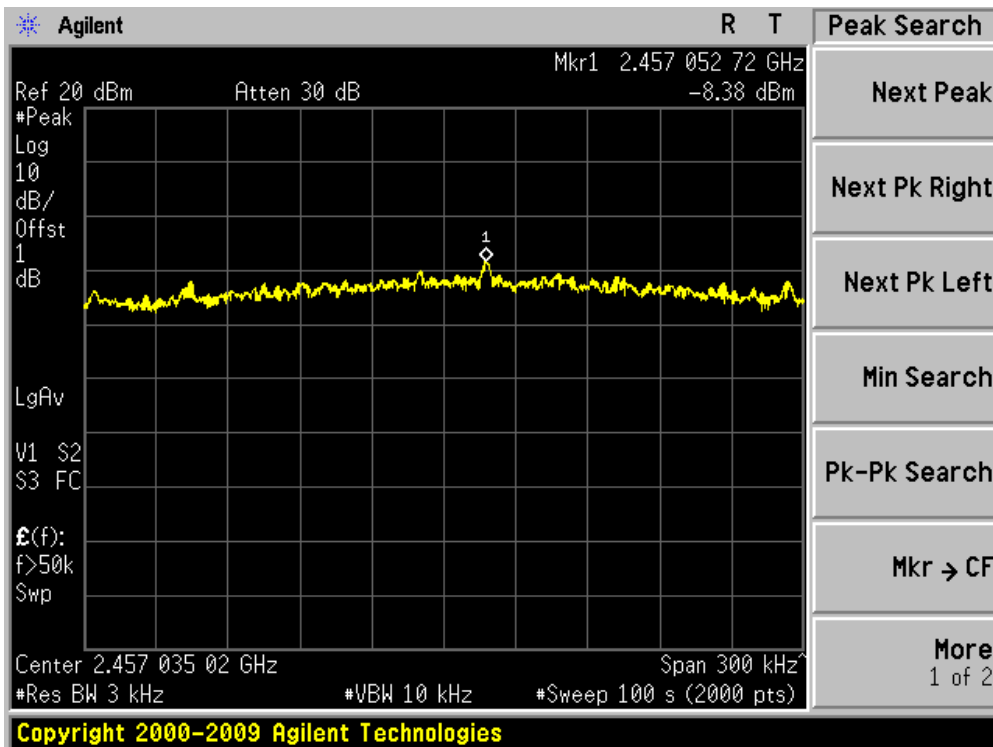
Channel 01 (2412MHz)



Channel 06 (2437MHz)



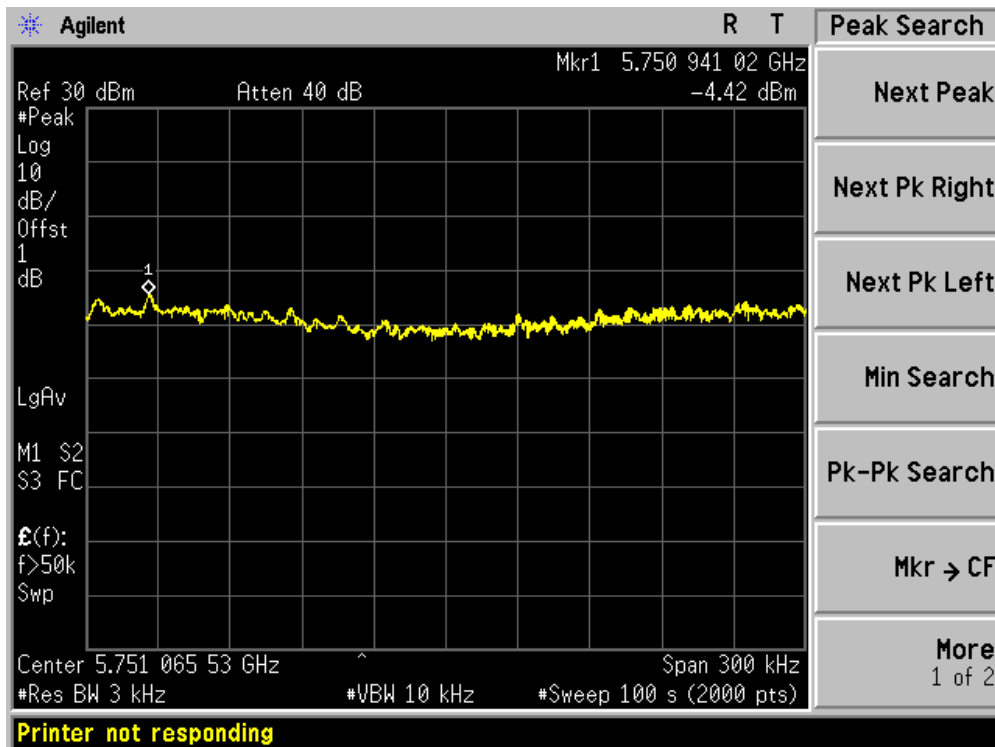
Channel 11 (2462MHz)



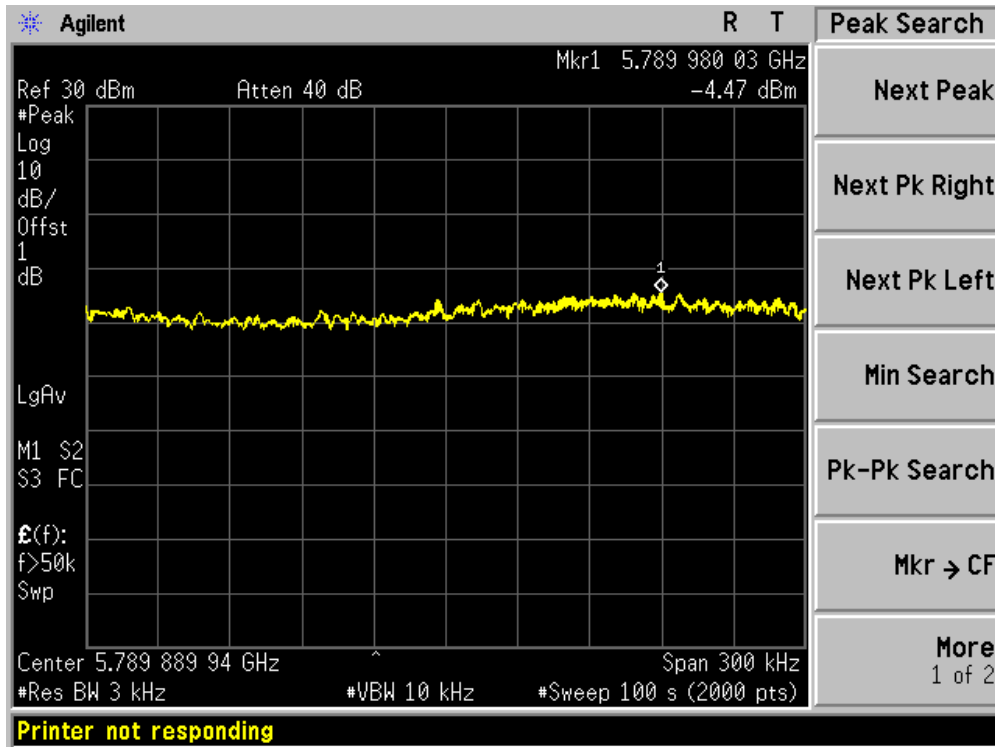
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
149	5745	N/A	-3.57	N/A	-3.57	8	Pass
157	5785	N/A	-2.93	N/A	-2.93	8	Pass
165	5825	N/A	-2.51	N/A	-2.51	8	Pass

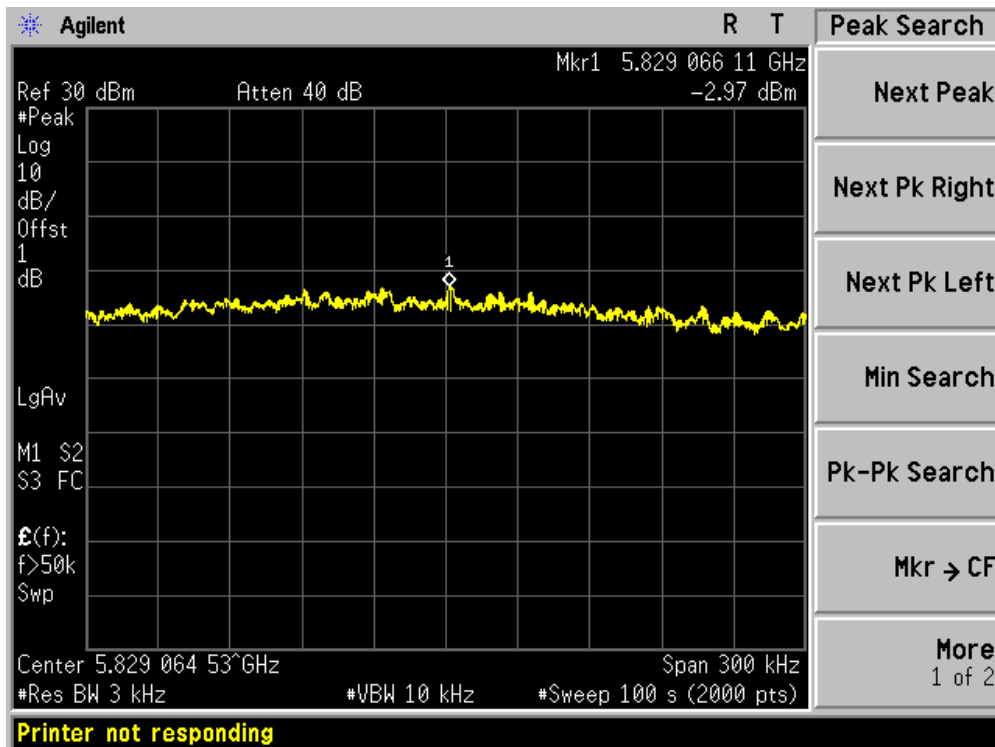
Channel 149 (5745MHz)



Channel 157 (5785MHz)



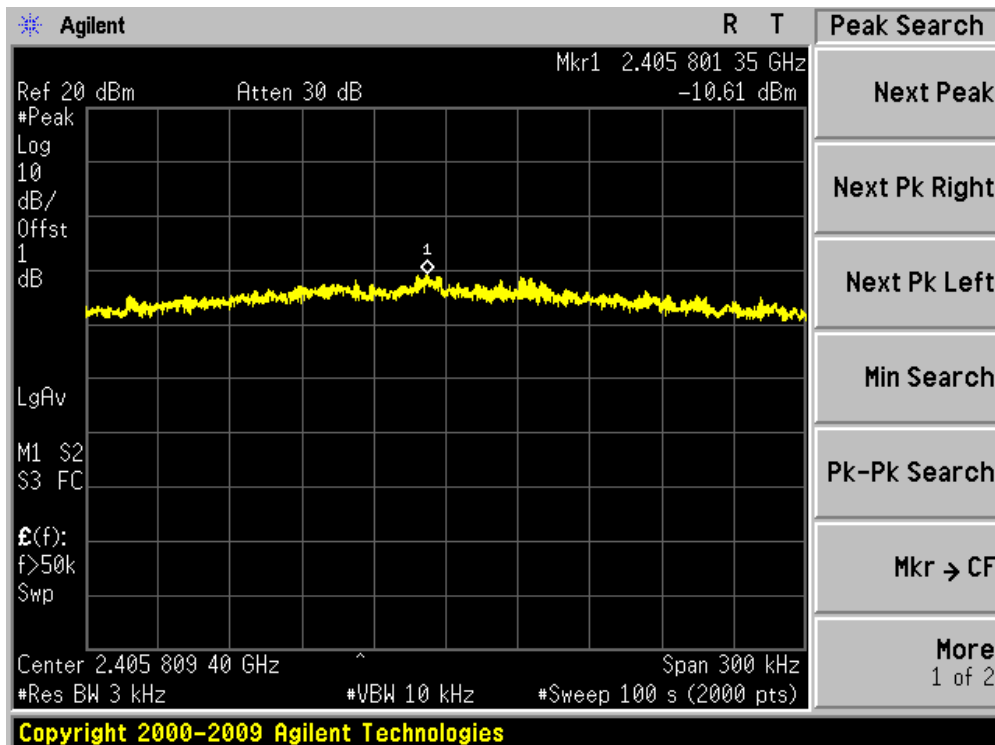
Channel 165 (5825MHz)



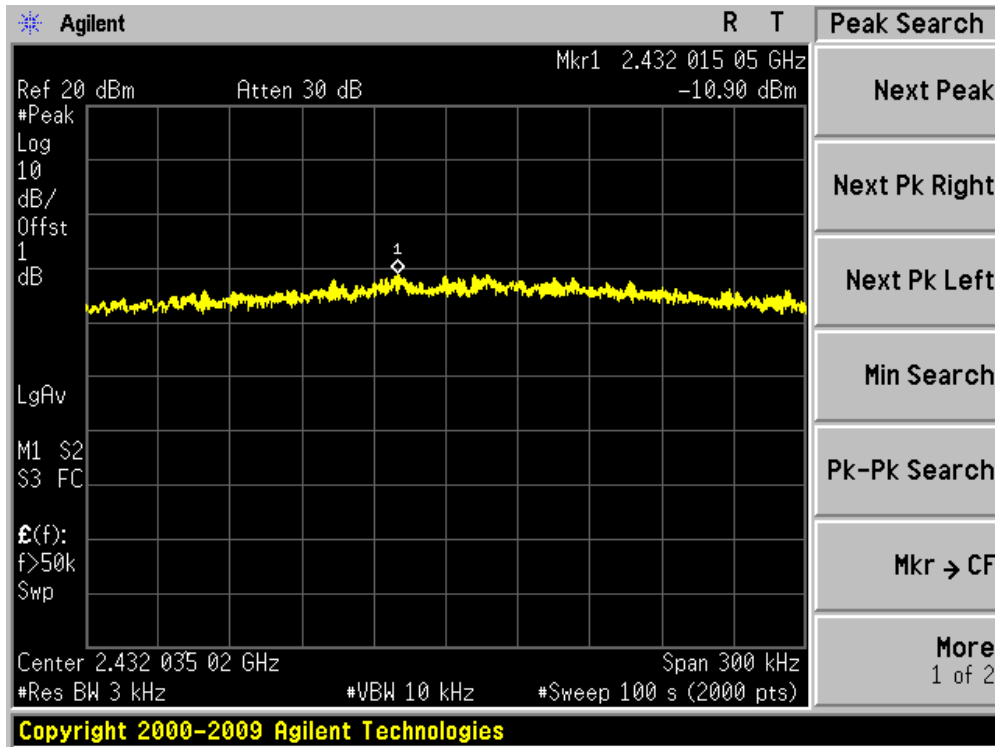
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	N/A	-10.61	N/A	-10.61	8	Pass
06	2437	N/A	-10.90	N/A	-10.90	8	Pass
11	2462	N/A	-10.18	N/A	-10.18	8	Pass
149	5745	N/A	-3.96	N/A	-3.96	8	Pass
157	5785	N/A	-2.95	N/A	-2.95	8	Pass
165	5825	N/A	-2.75	N/A	-2.75	8	Pass

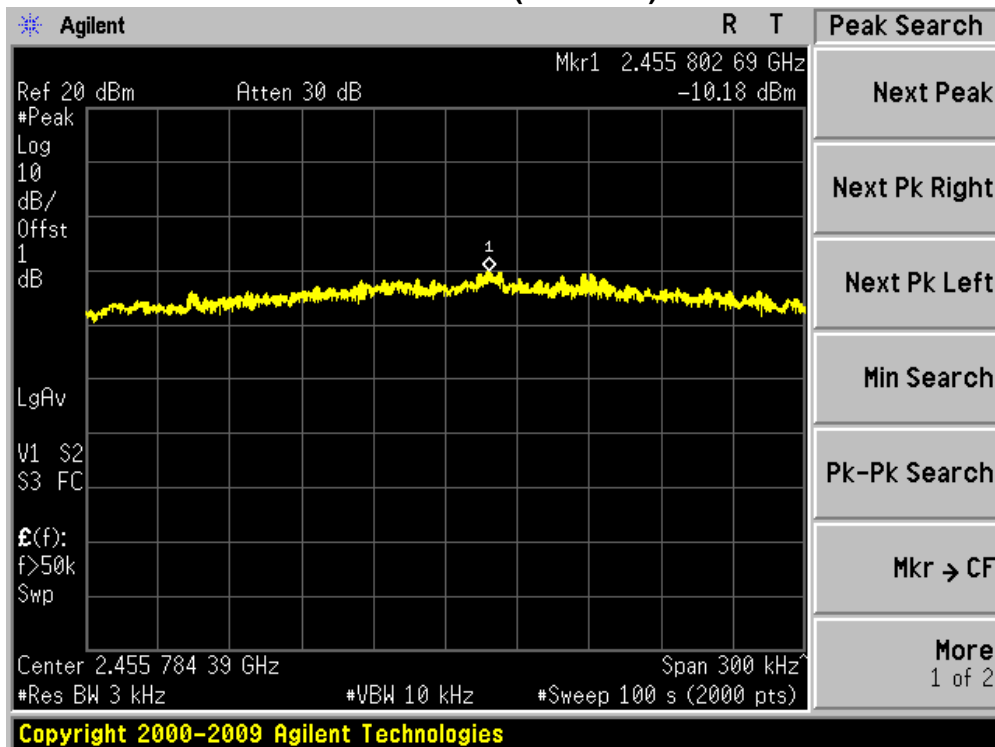
Channel 01 (2412MHz)



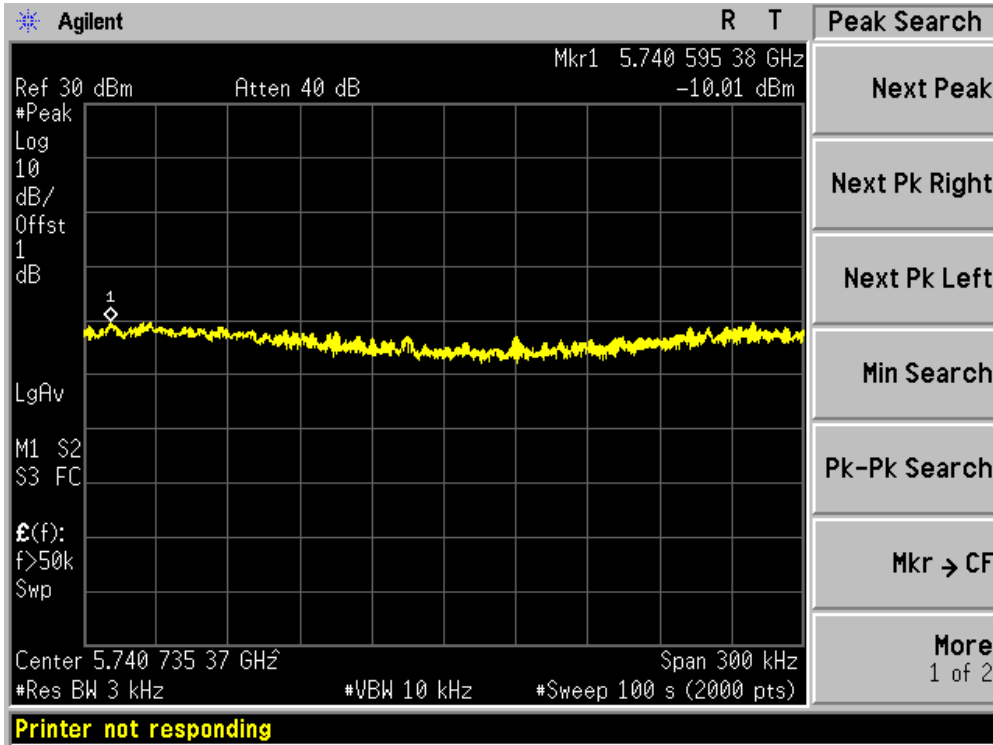
Channel 06 (2437MHz)



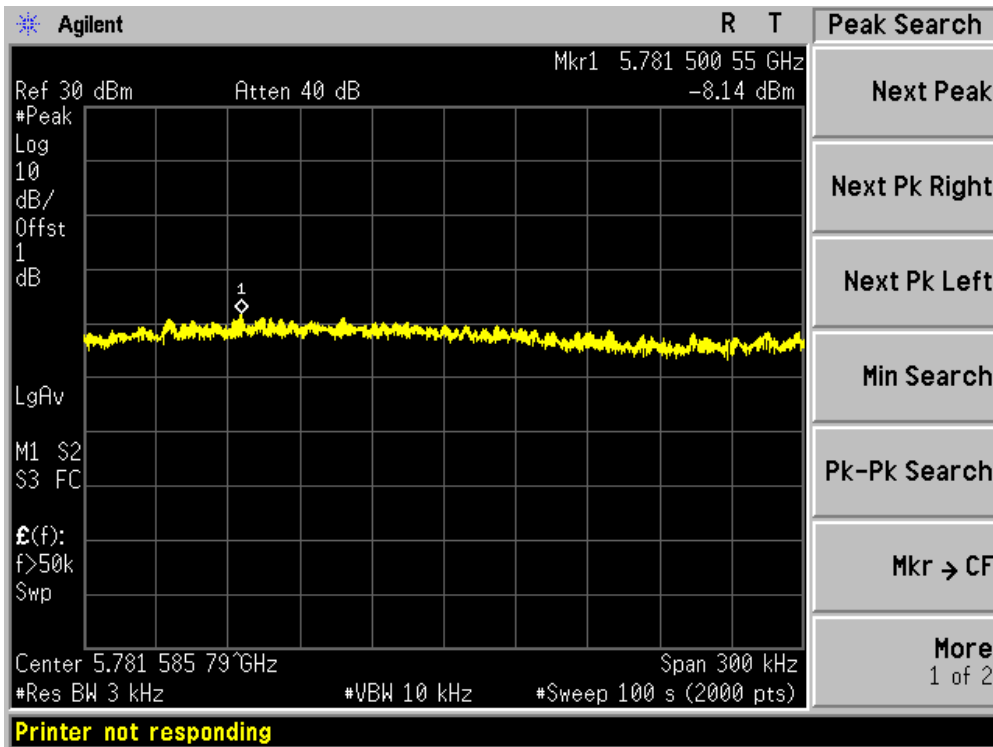
Channel 11 (2462MHz)



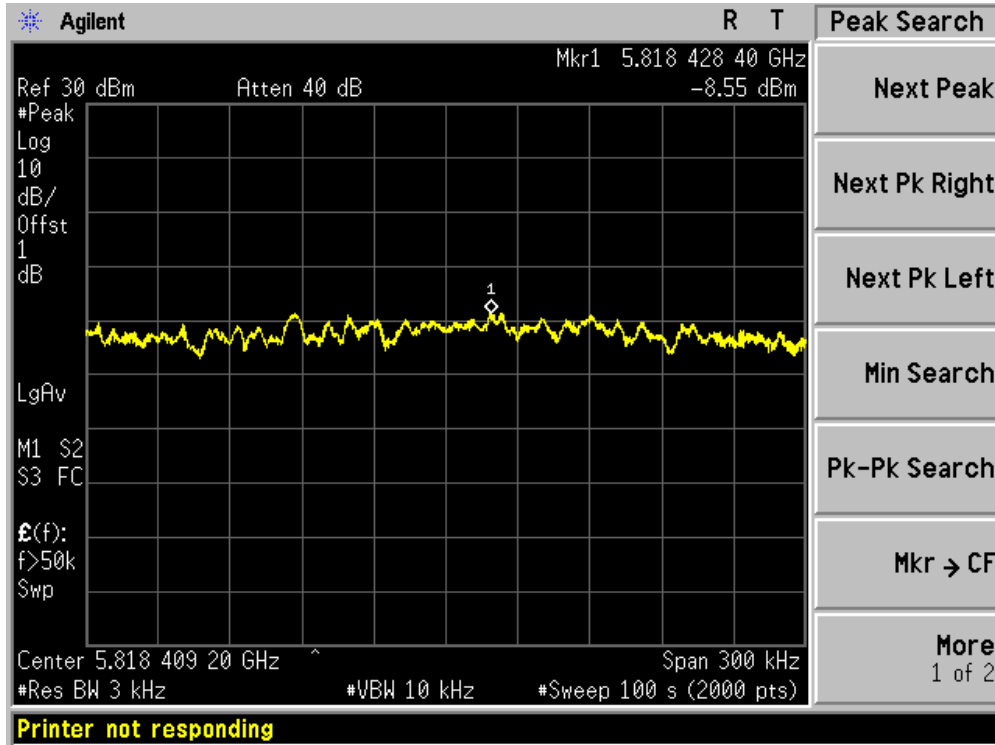
Channel 149 (5745MHz)



Channel 157 (5785MHz)



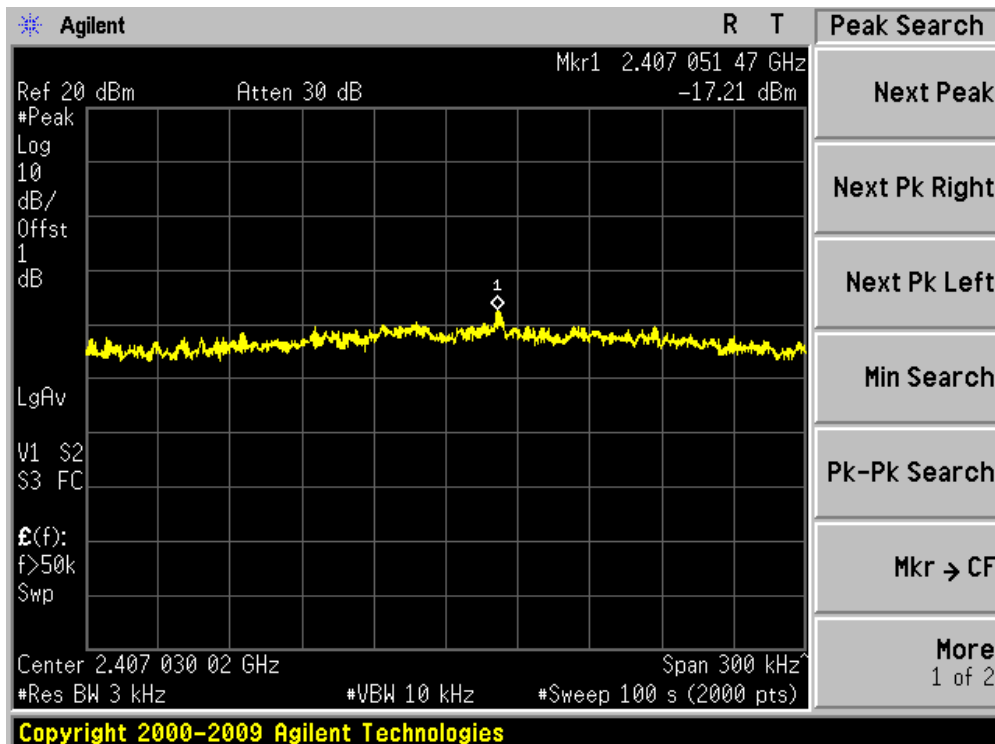
Channel 165 (5825MHz)



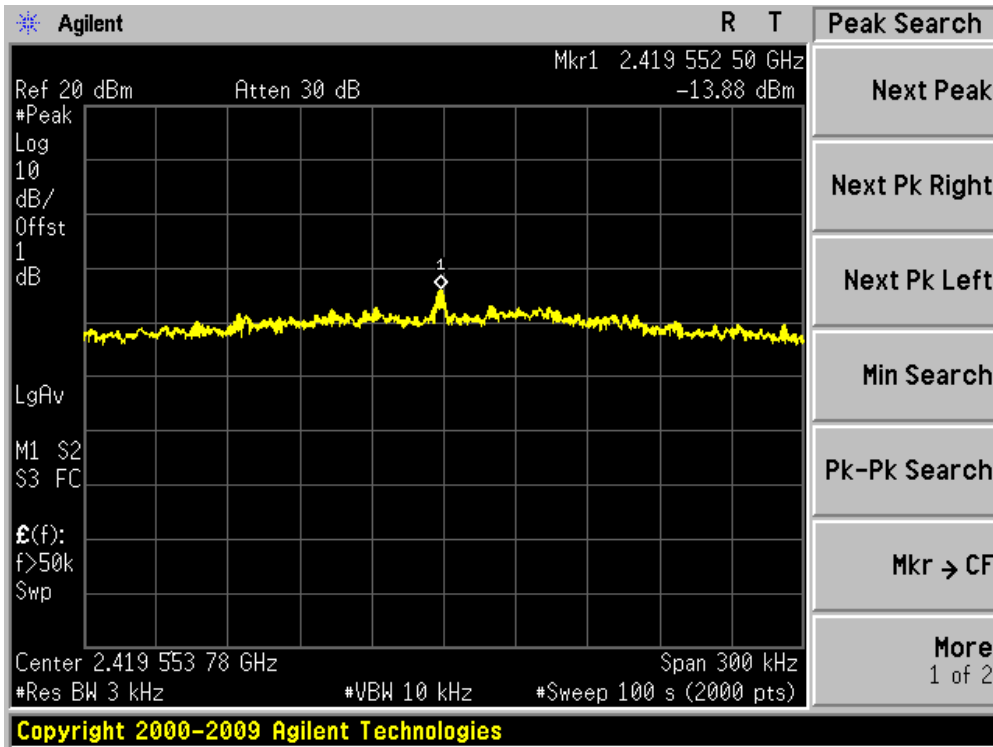
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
03	2422	N/A	-17.21	N/A	-17.21	8	Pass
06	2437	N/A	-13.88	N/A	-13.88	8	Pass
09	2452	N/A	-15.49	N/A	-15.49	8	Pass
151	5755	N/A	-6.61	N/A	-6.61	8	Pass
159	5795	N/A	-6.79	N/A	-6.79	8	Pass

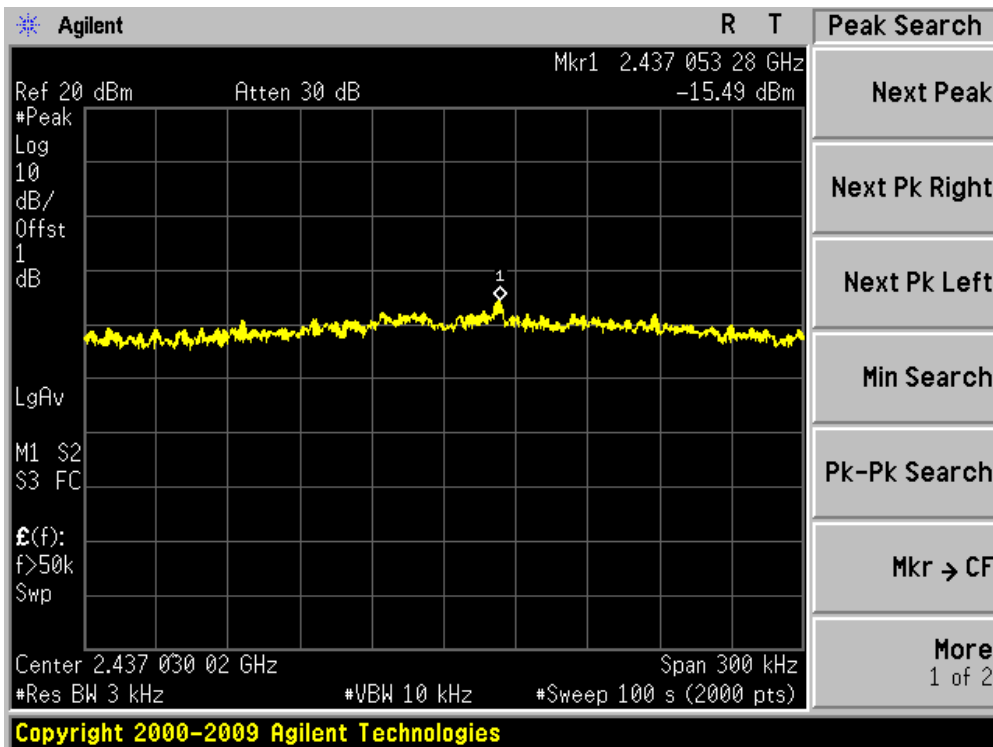
Channel 03 (2422MHz)



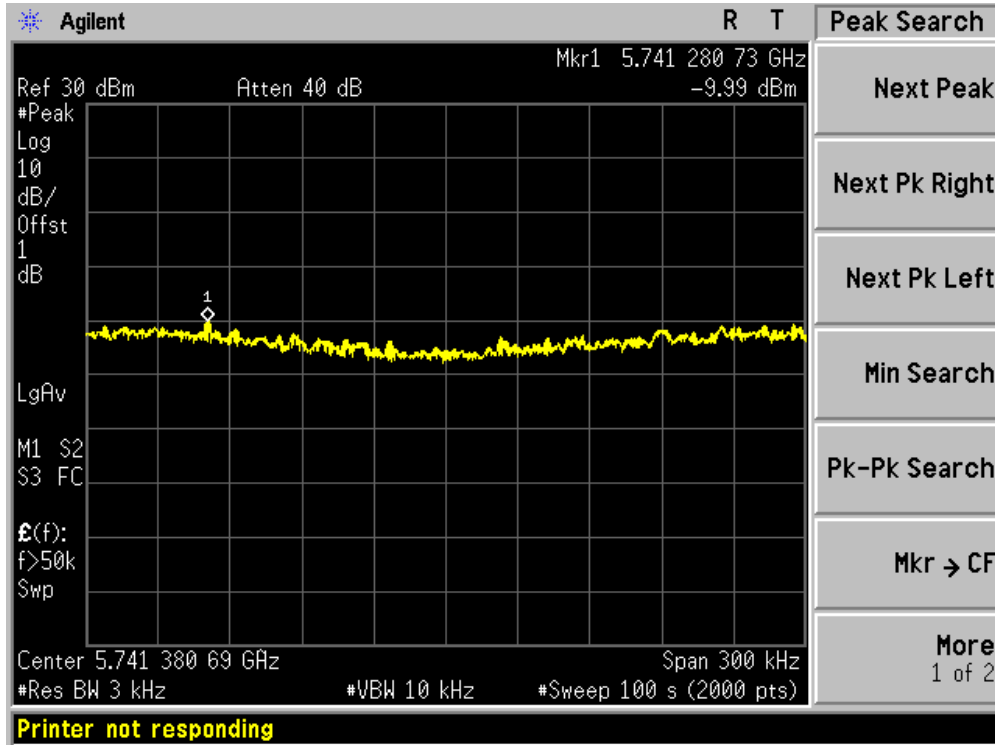
Channel 06 (2437MHz)



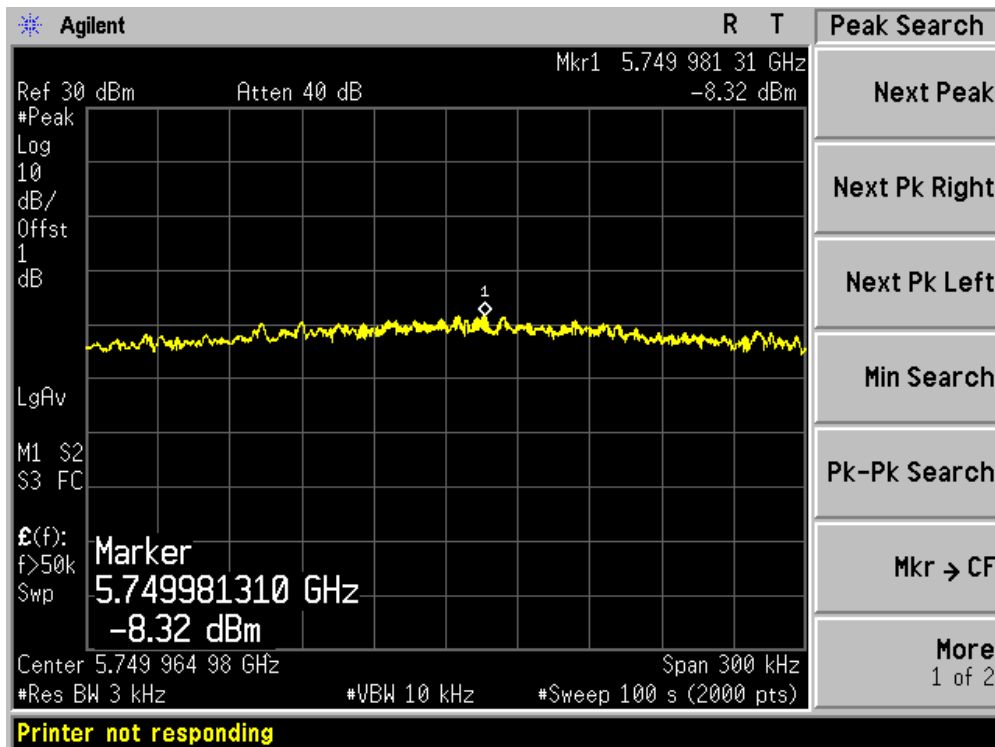
Channel 09 (2452MHz)



Channel 151 (5755MHz)



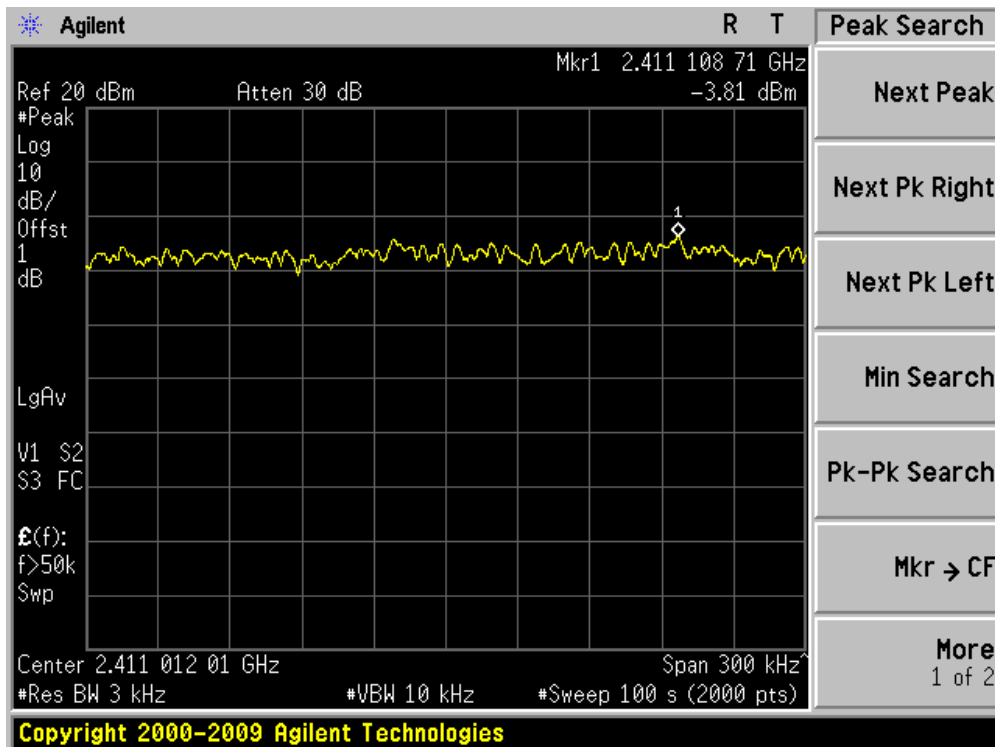
Channel 159 (5795MHz)



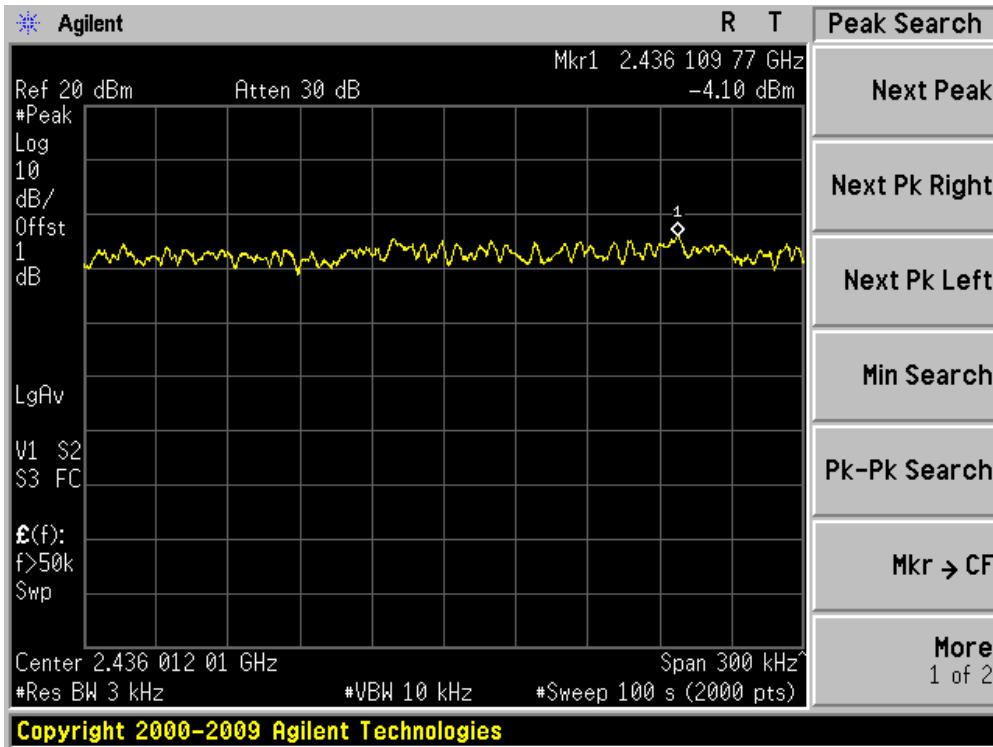
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	N/A	N/A	-3.81	-3.81	8	Pass
06	2437	N/A	N/A	-4.10	-4.10	8	Pass
11	2462	N/A	N/A	-3.98	-3.98	8	Pass

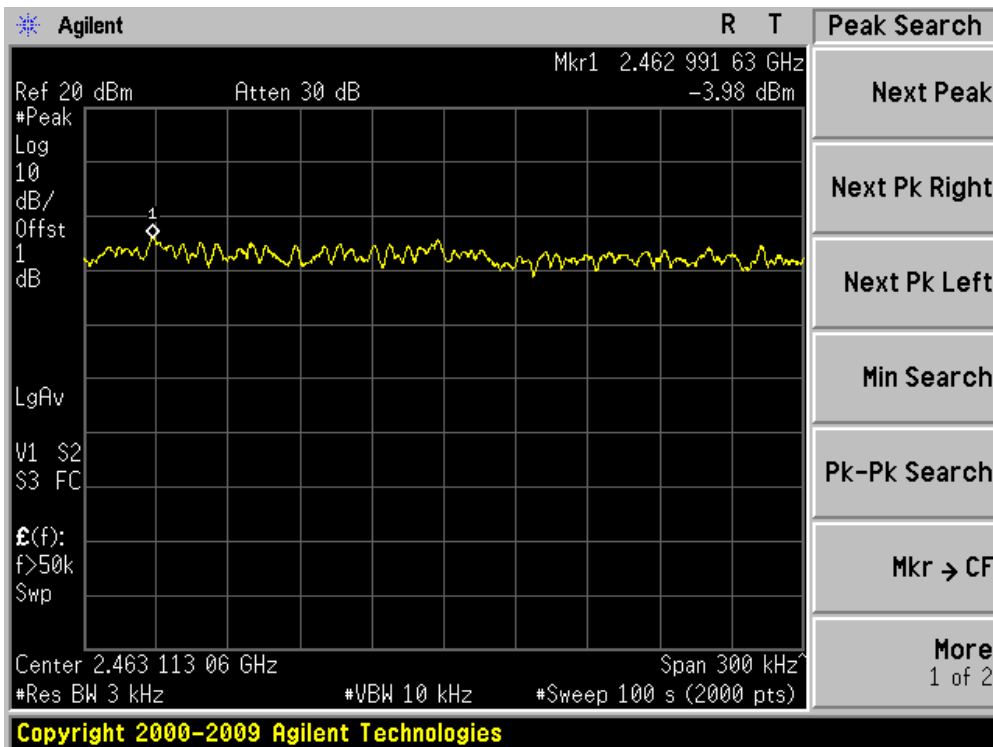
Channel 01 (2412MHz)



Channel 06 (2437MHz)



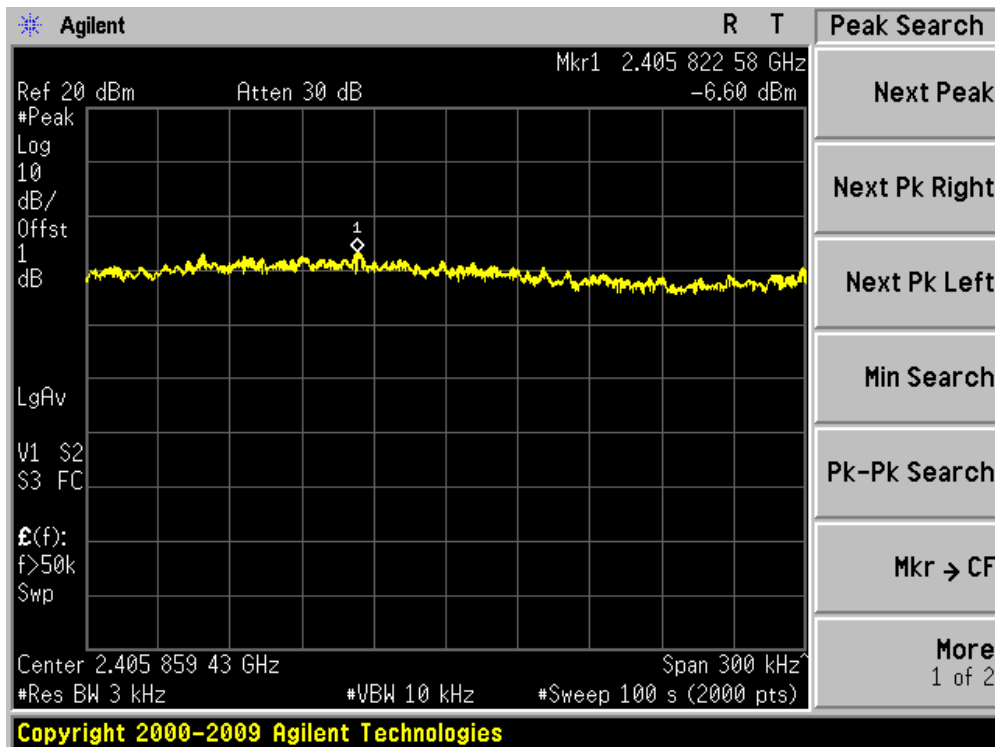
Channel 11 (2462MHz)



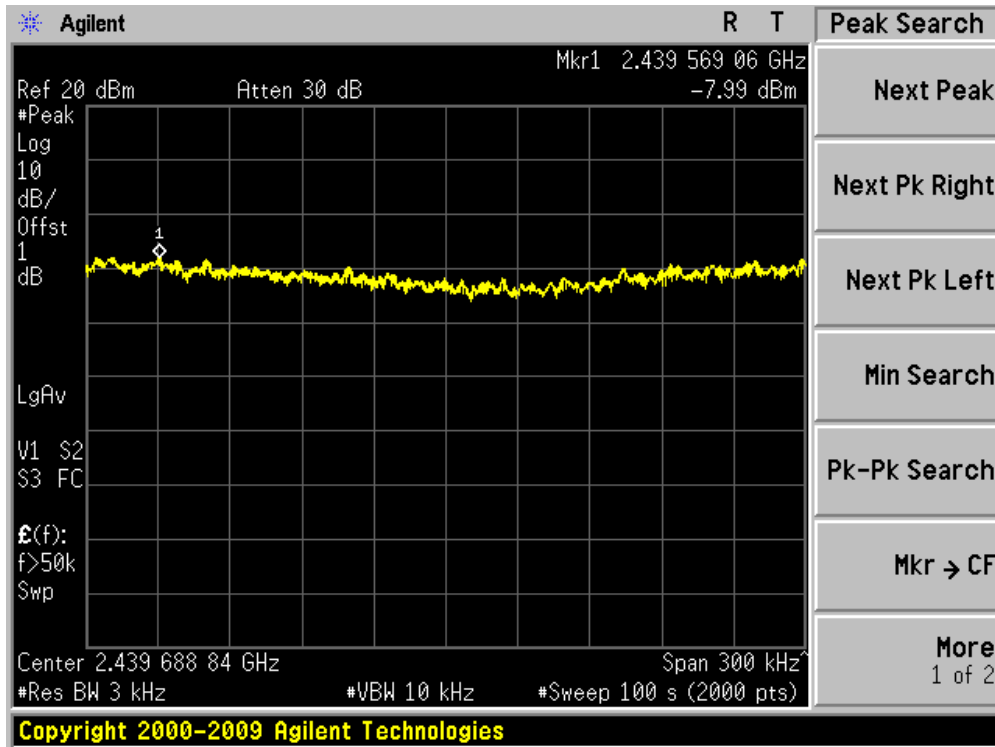
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	N/A	N/A	-6.60	-6.60	8	Pass
06	2437	N/A	N/A	-7.99	-7.99	8	Pass
11	2462	N/A	N/A	-8.25	-8.25	8	Pass

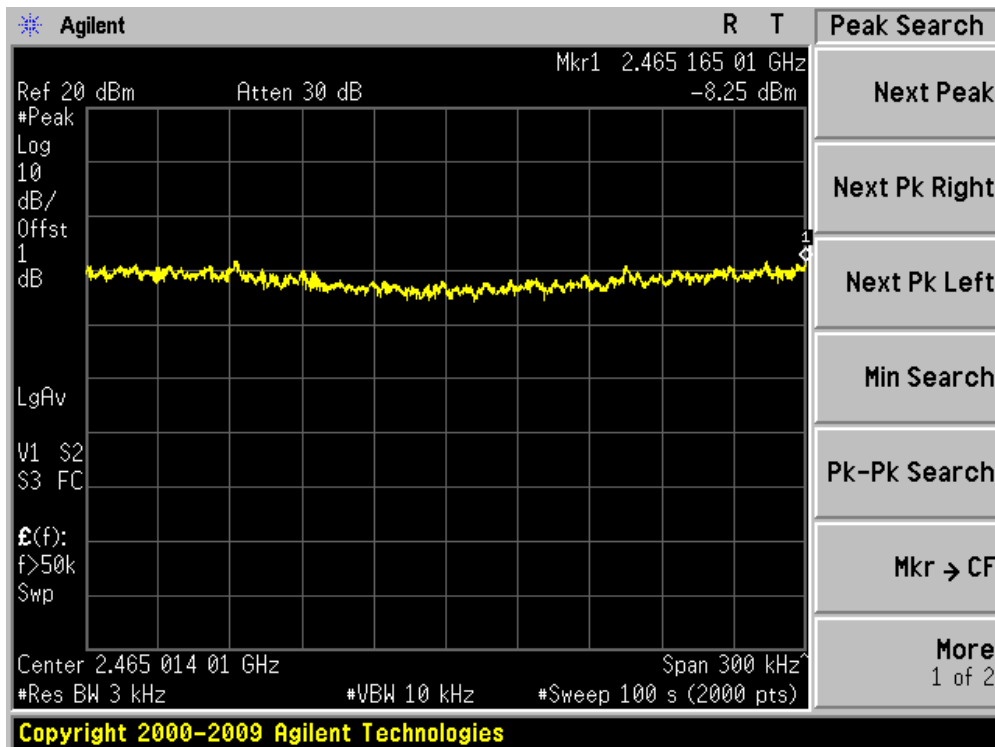
Channel 01 (2412MHz)



Channel 06 (2437MHz)



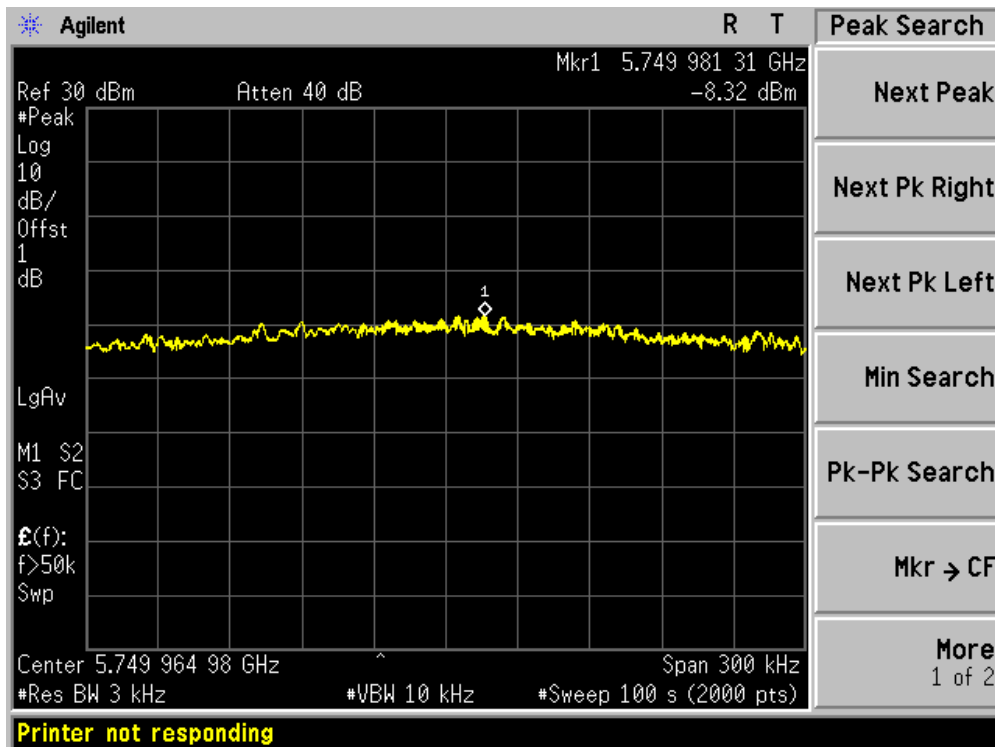
Channel 11 (2462MHz)



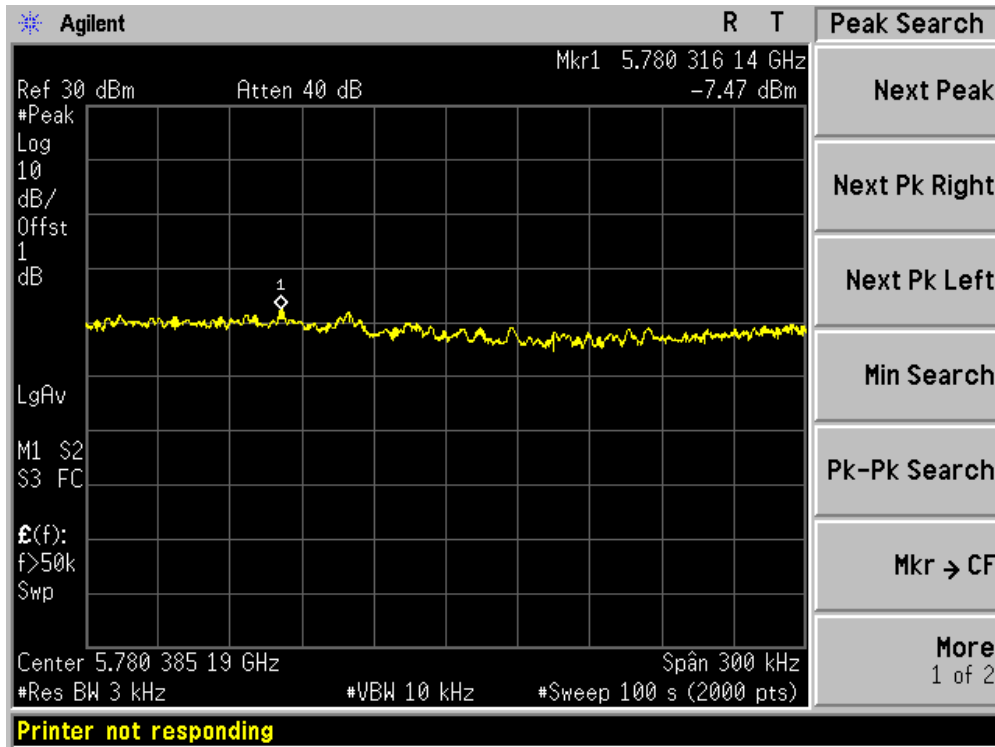
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Chain 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
149	5745	N/A	N/A	-6.30	-6.30	8	Pass
157	5785	N/A	N/A	-5.18	-5.18	8	Pass
165	5825	N/A	N/A	-2.68	-2.68	8	Pass

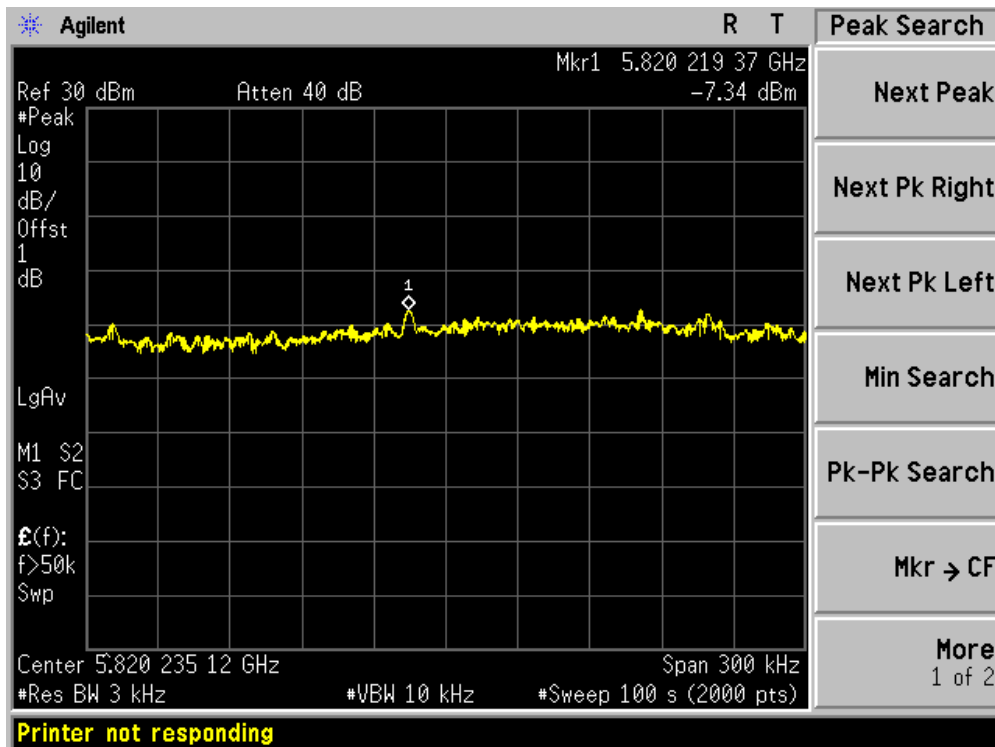
Channel 149 (5745MHz)



Channel 157 (5785MHz)



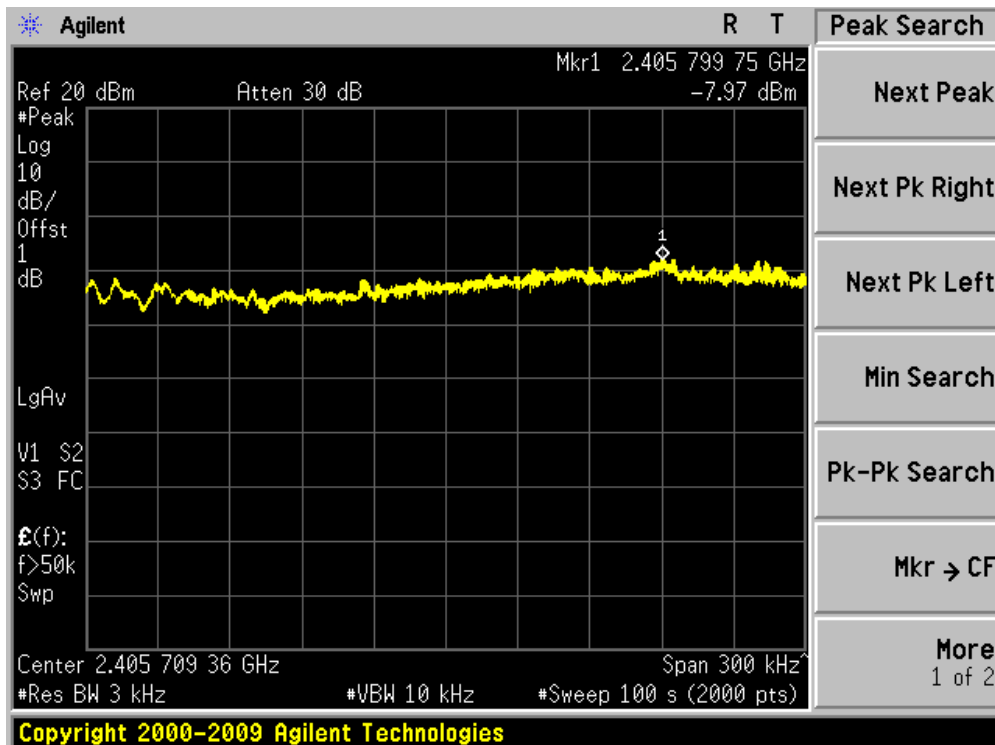
Channel 165 (5825MHz)



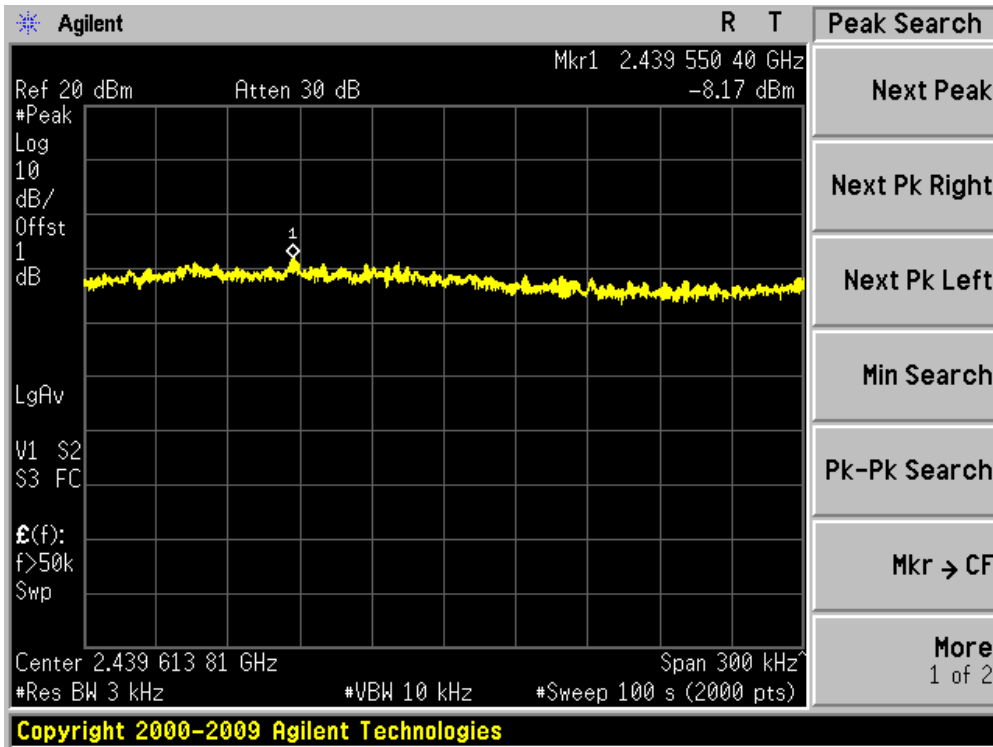
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	N/A	N/A	-7.97	-7.97	8	Pass
06	2437	N/A	N/A	-8.17	-8.17	8	Pass
11	2462	N/A	N/A	-9.08	-9.08	8	Pass
149	5745	N/A	N/A	-3.06	-3.06	8	Pass
157	5785	N/A	N/A	-2.76	-2.76	8	Pass
165	5825	N/A	N/A	-2.22	-2.22	8	Pass

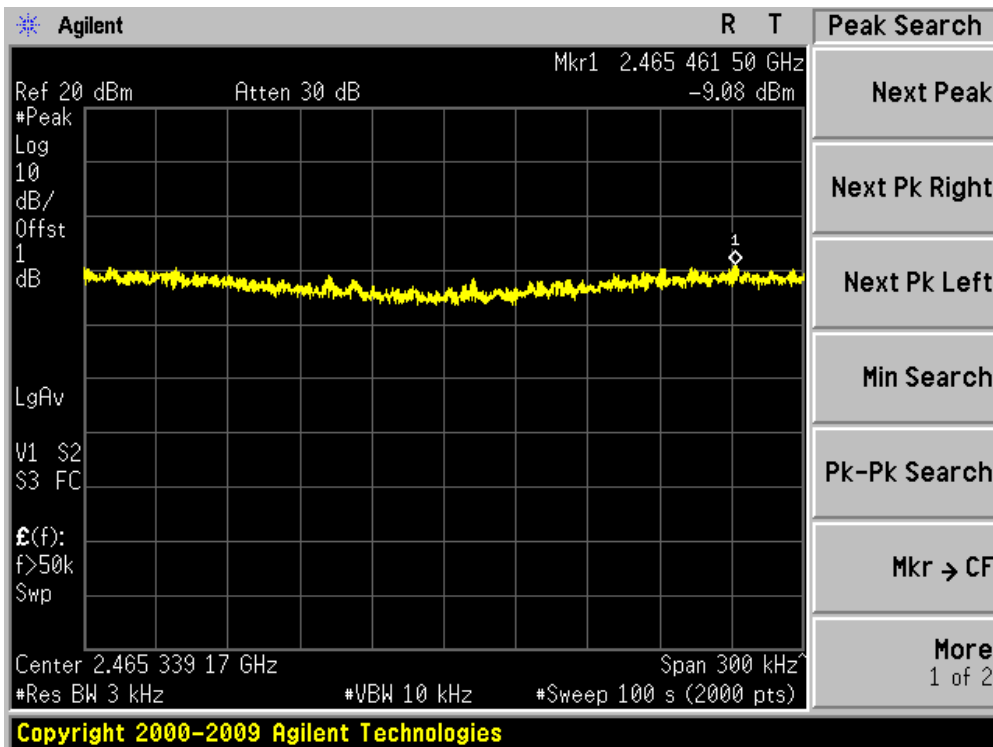
Channel 01 (2412MHz)



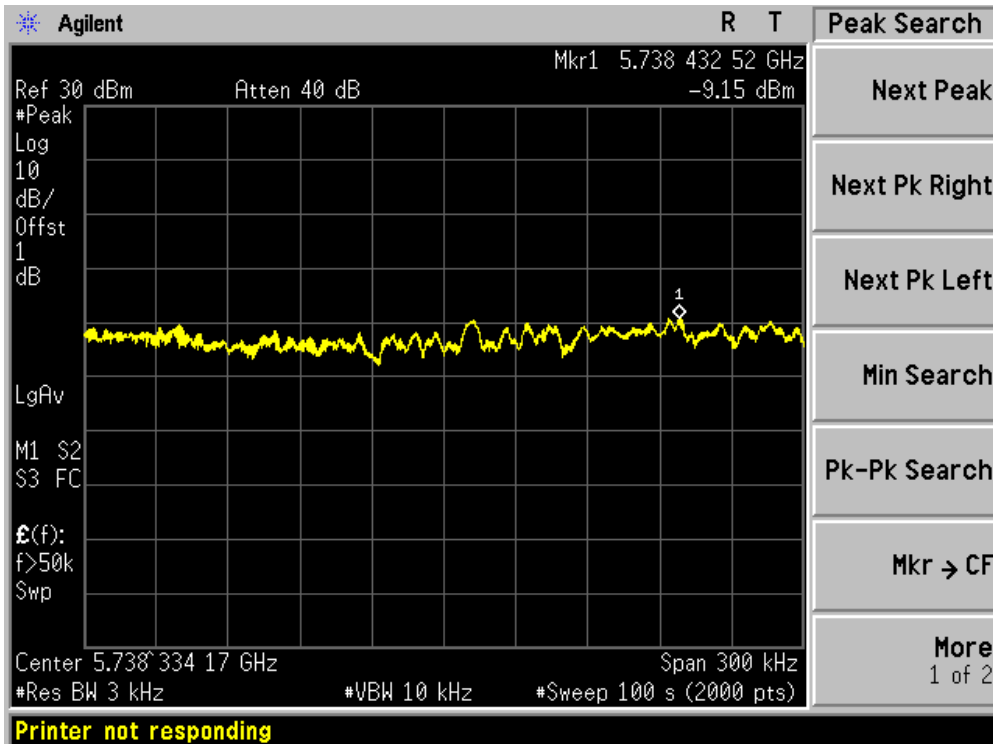
Channel 06 (2437MHz)



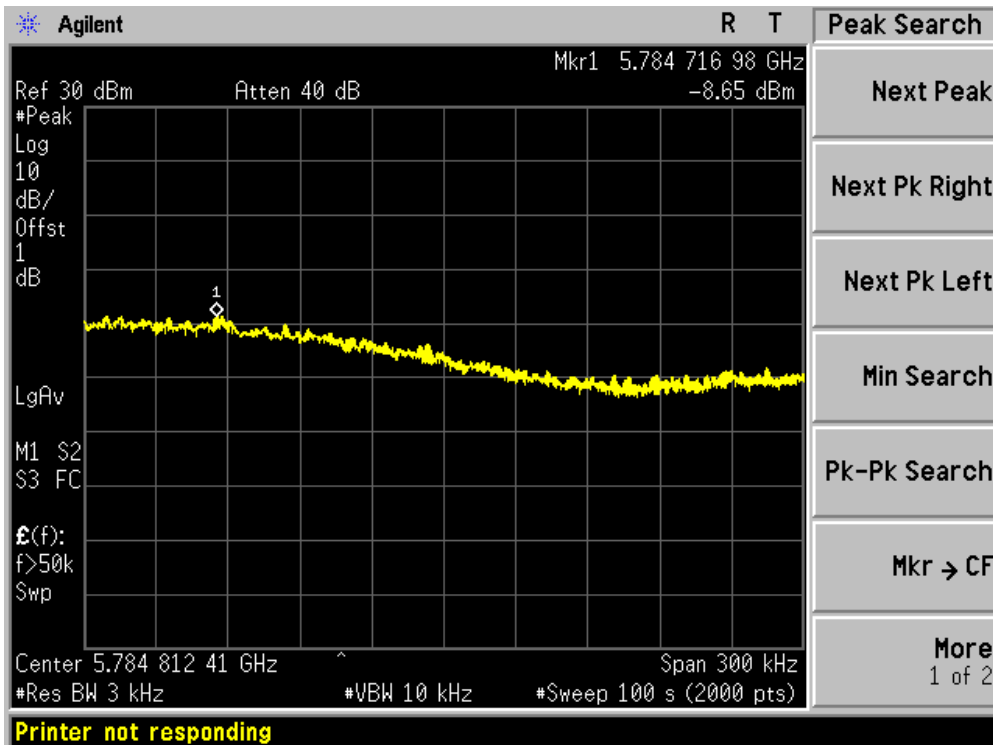
Channel 11 (2462MHz)



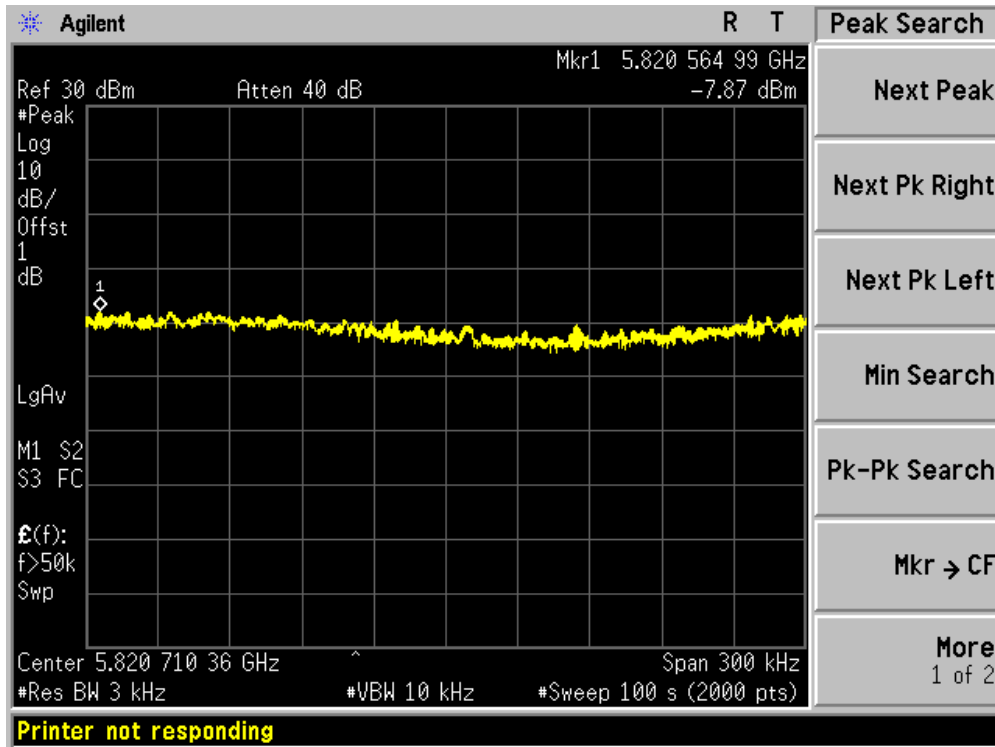
Channel 149 (5745MHz)



Channel 157 (5785MHz)



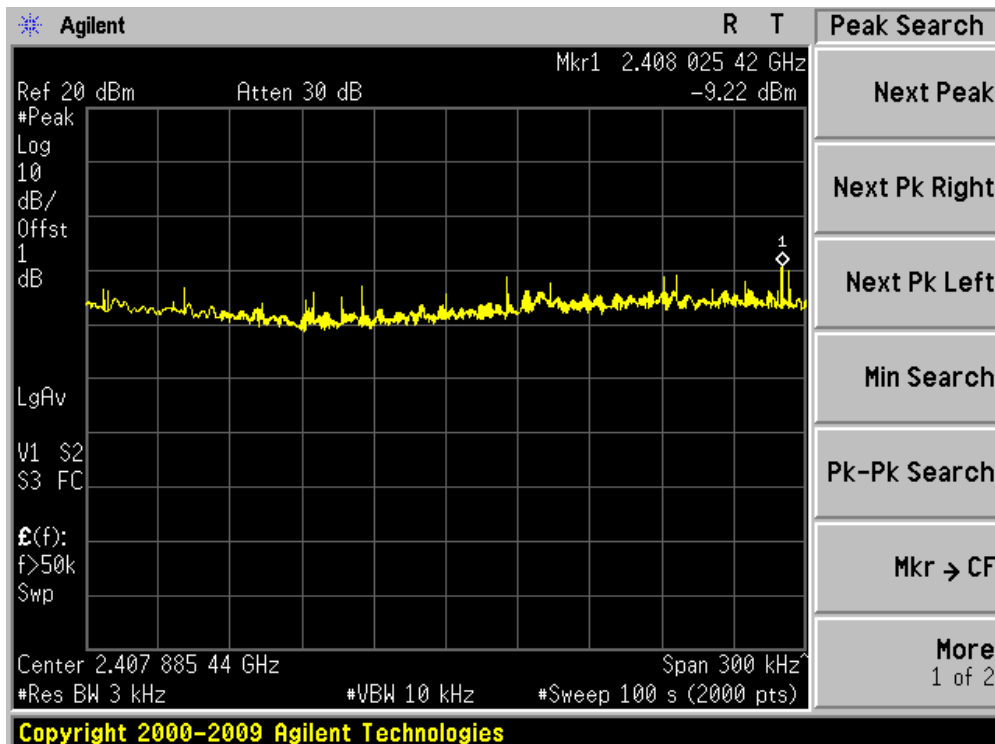
Channel 165 (5825MHz)



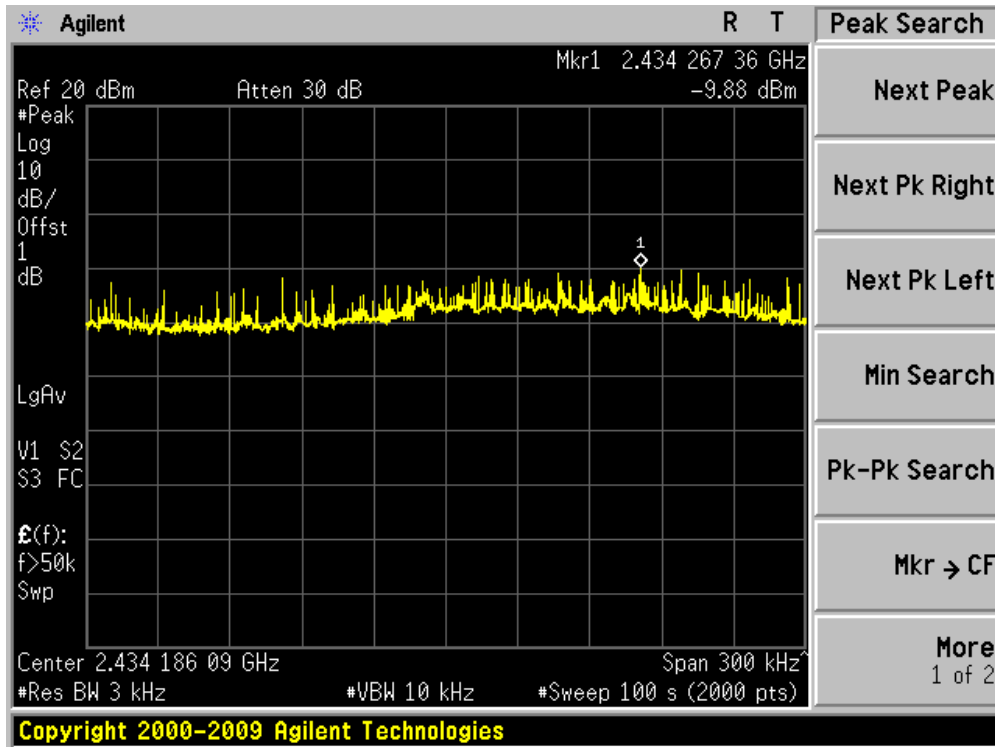
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
03	2422	N/A	N/A	-9.22	-9.22	8	Pass
06	2437	N/A	N/A	-9.88	-9.88	8	Pass
09	2452	N/A	N/A	-16.96	-16.96	8	Pass
151	5755	N/A	N/A	-6.74	-6.74	8	Pass
159	5795	N/A	N/A	-6.38	-6.38	8	Pass

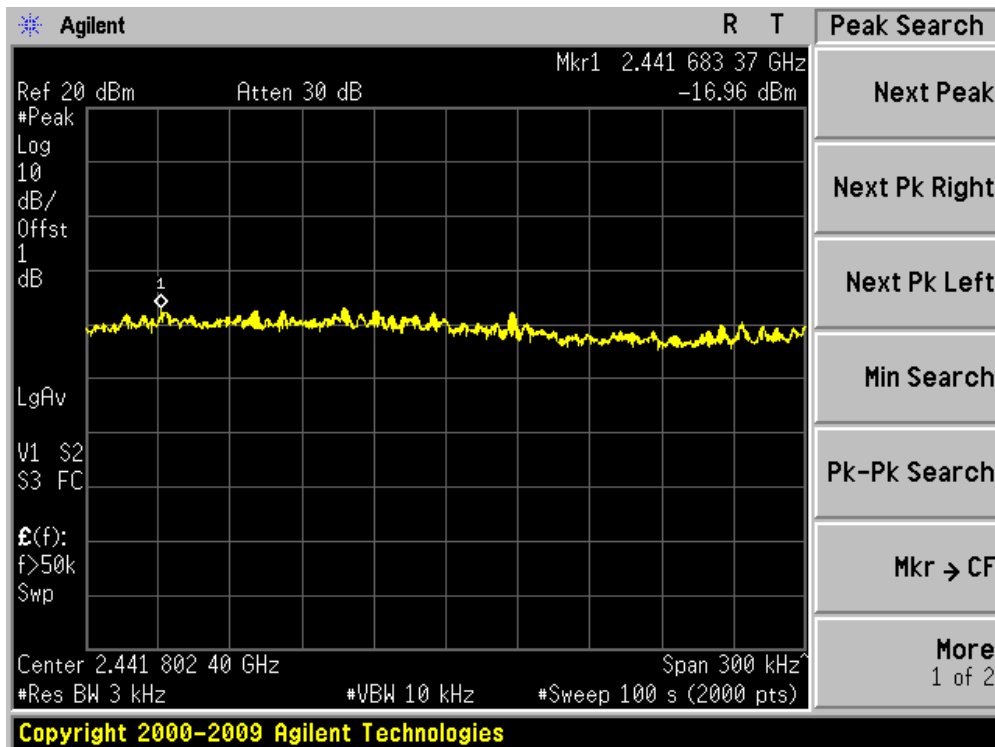
Channel 03 (2422MHz)



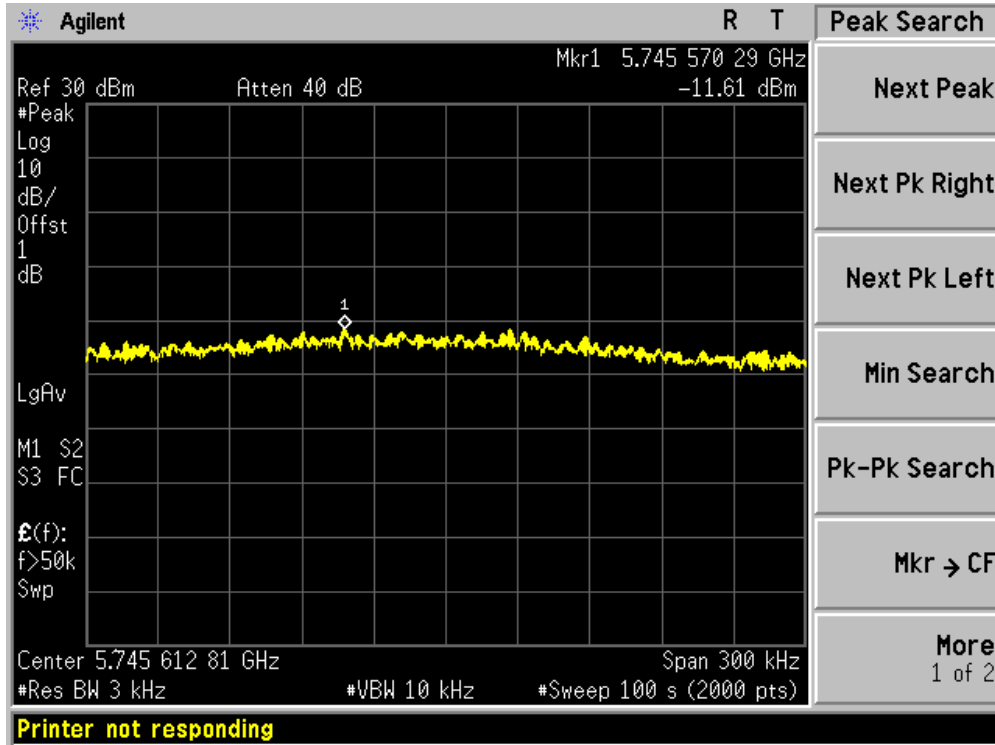
Channel 06 (2437MHz)



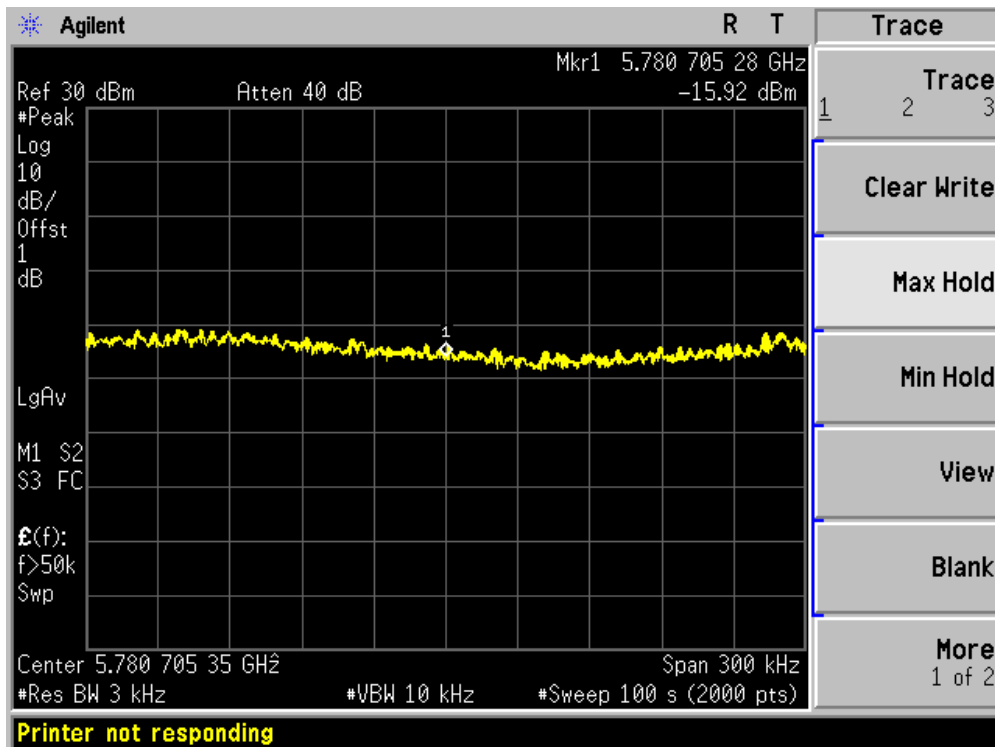
Channel 09 (2452MHz)



Channel 151 (5755MHz)



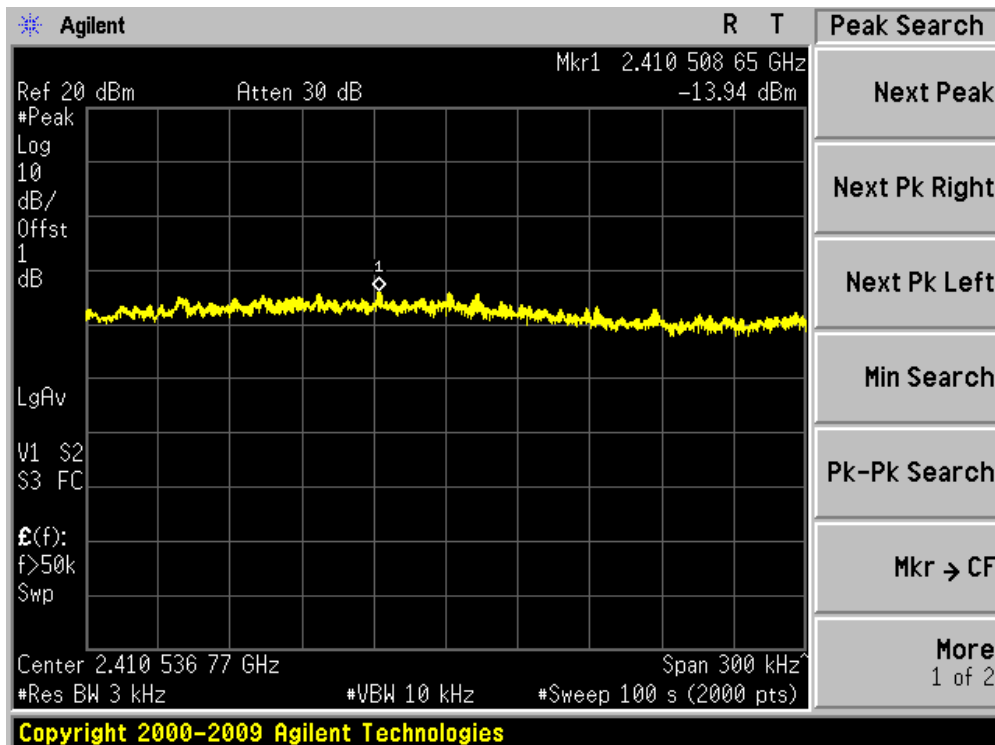
Channel 159 (5795MHz)



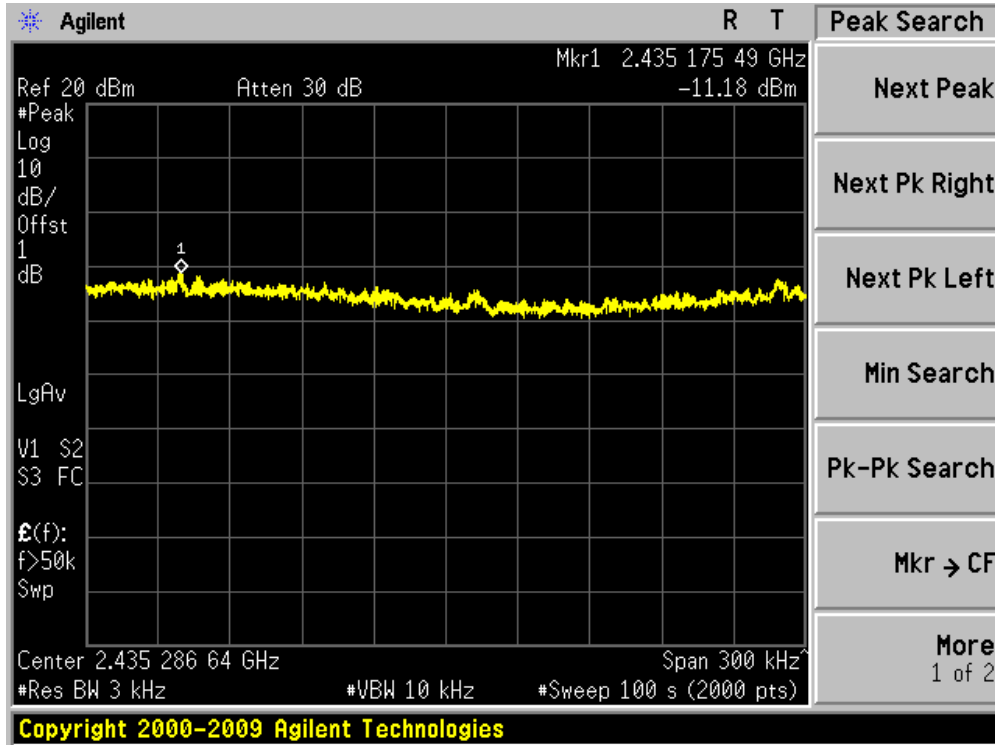
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	-13.94	-13.68	N/A	-10.80	8	Pass
06	2437	-11.18	-11.81	N/A	-8.47	8	Pass
11	2462	-11.32	-10.76	N/A	-8.02	8	Pass
149	5745	-12.03	-7.37	N/A	-6.09	8	Pass
157	5785	-10.84	-6.77	N/A	-5.33	8	Pass
165	5825	-9.93	-5.80	N/A	-4.38	8	Pass

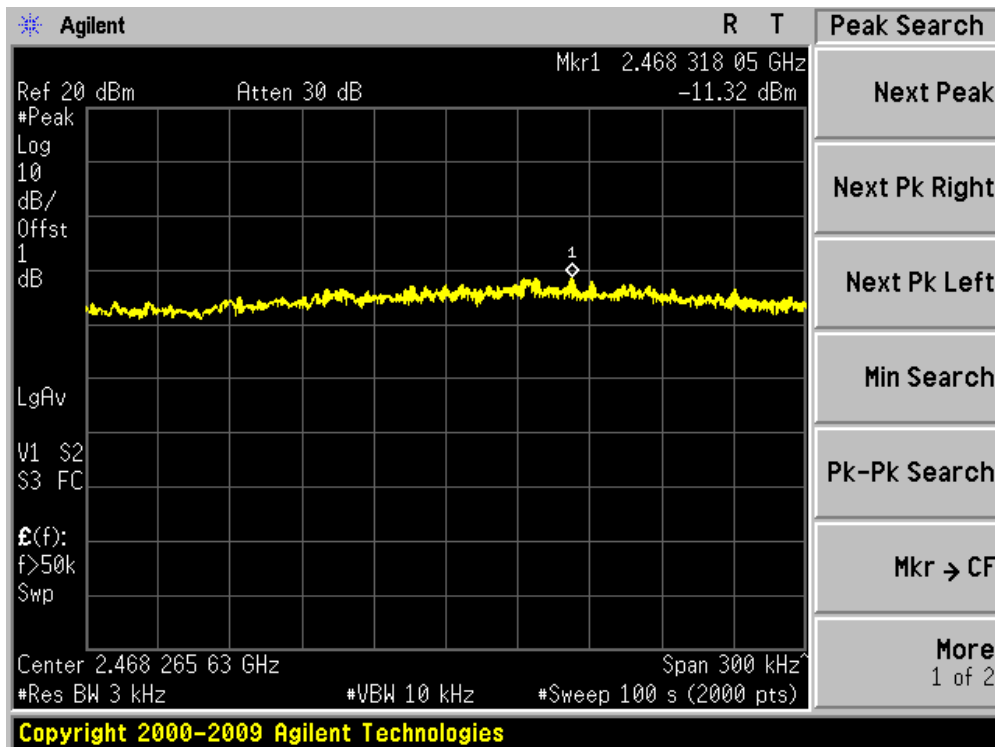
Channel 01 (2412MHz) – Chain 0



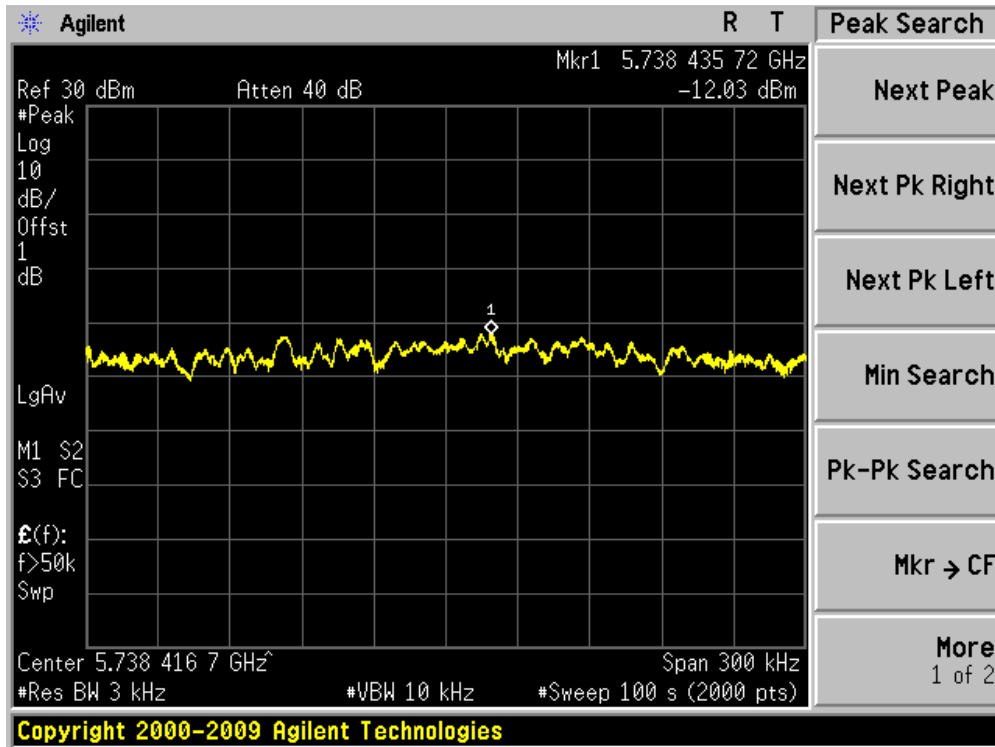
Channel 06 (2437MHz) – Chain 0



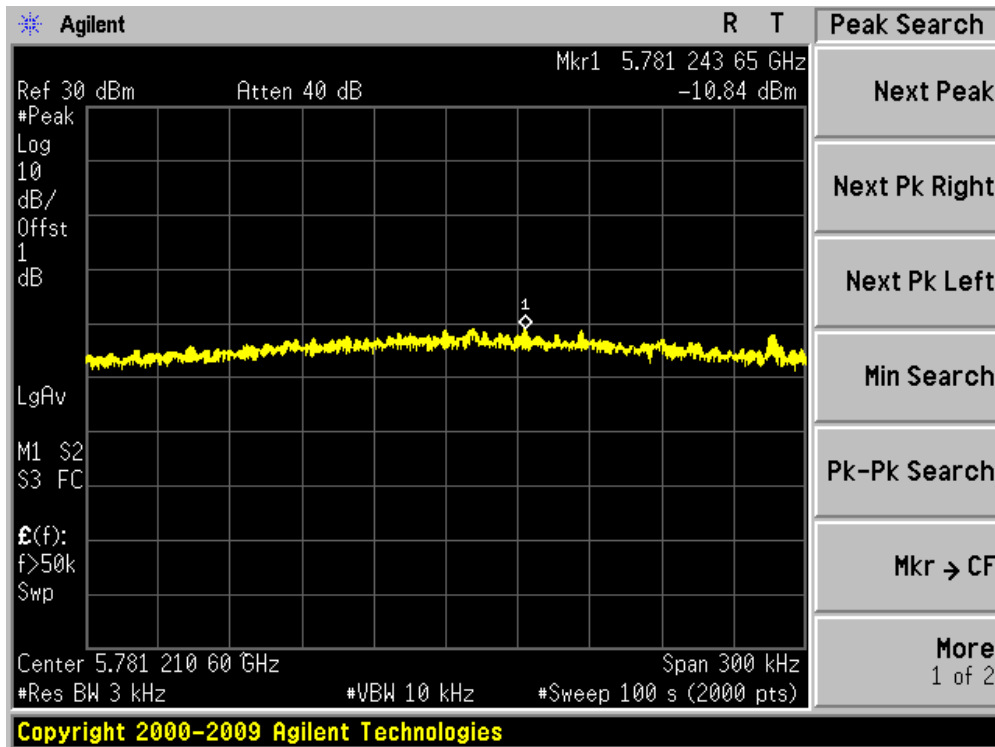
Channel 11 (2462MHz) – Chain 0



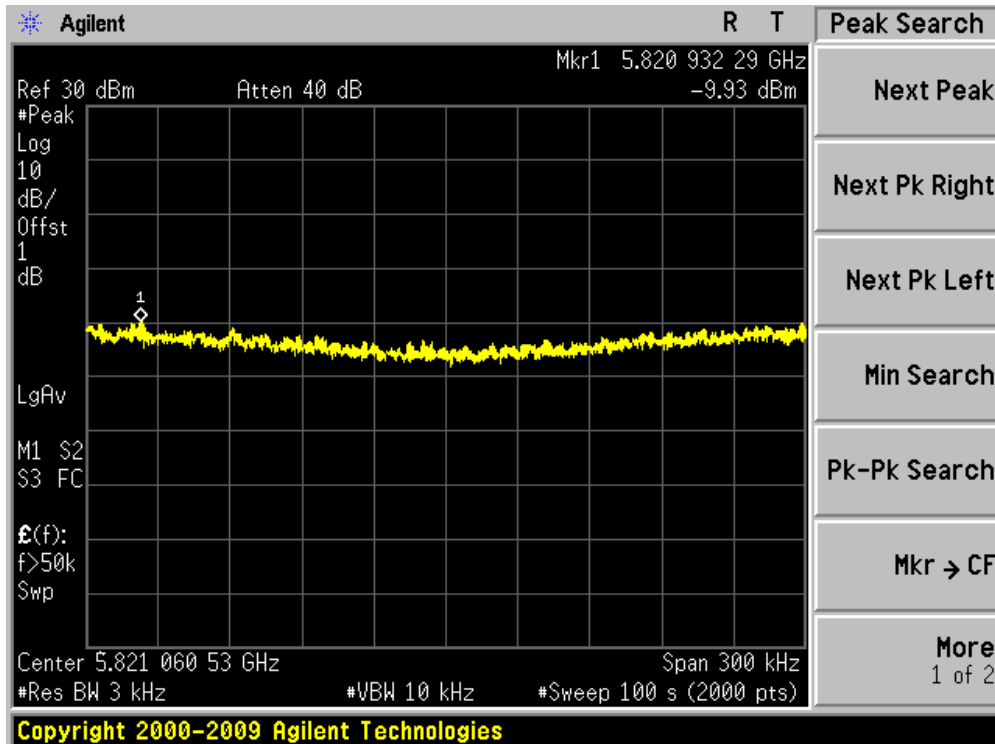
Channel 149 (5745MHz) – Chain 0



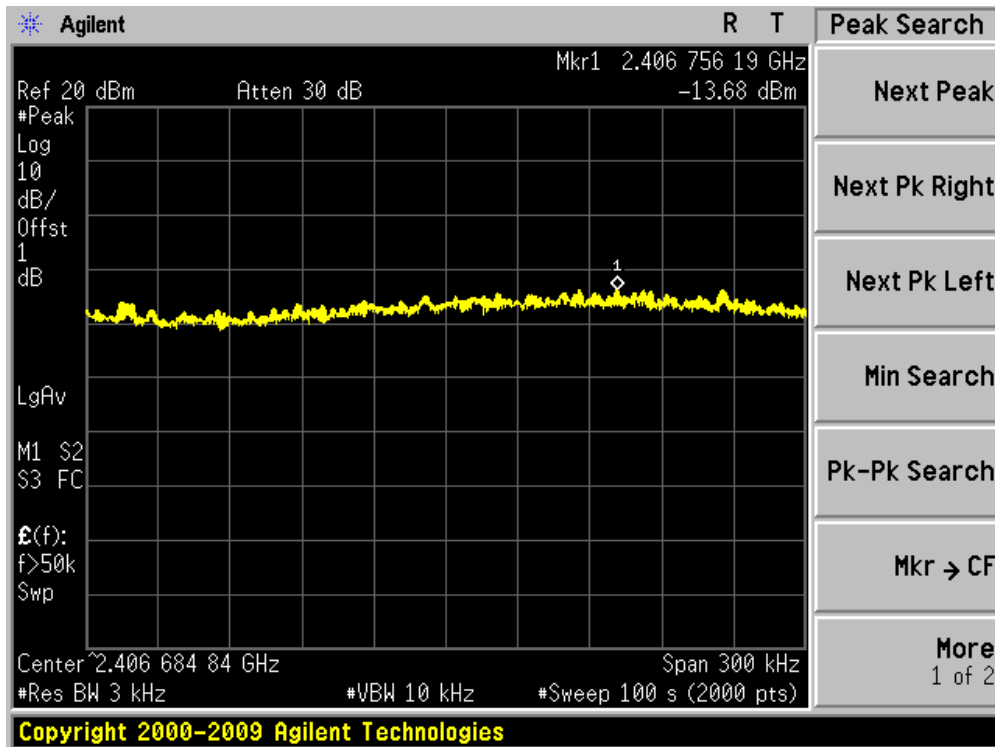
Channel 157 (5785MHz) – Chain 0



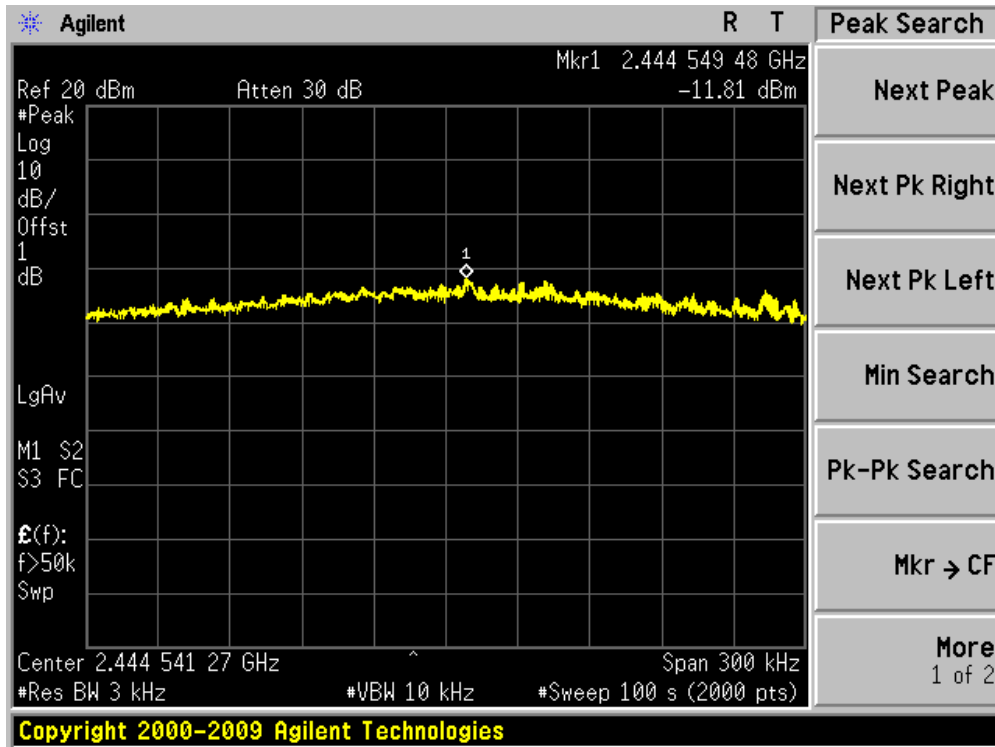
Channel 165 (5825MHz) – Chain 0



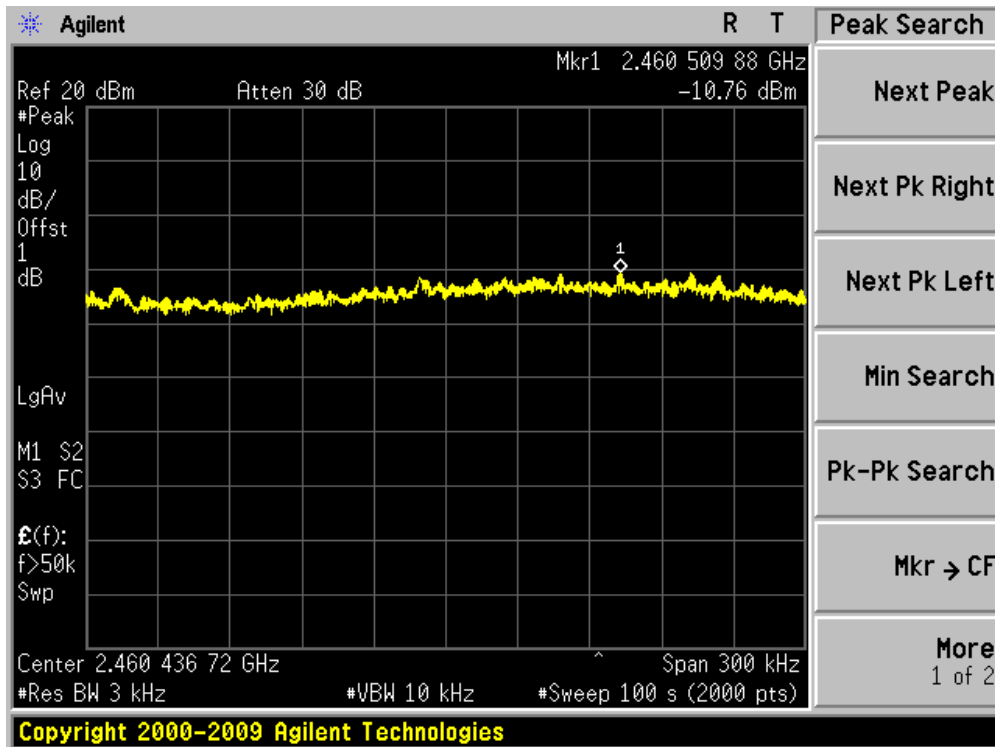
Channel 01 (2412MHz) – Chain 1



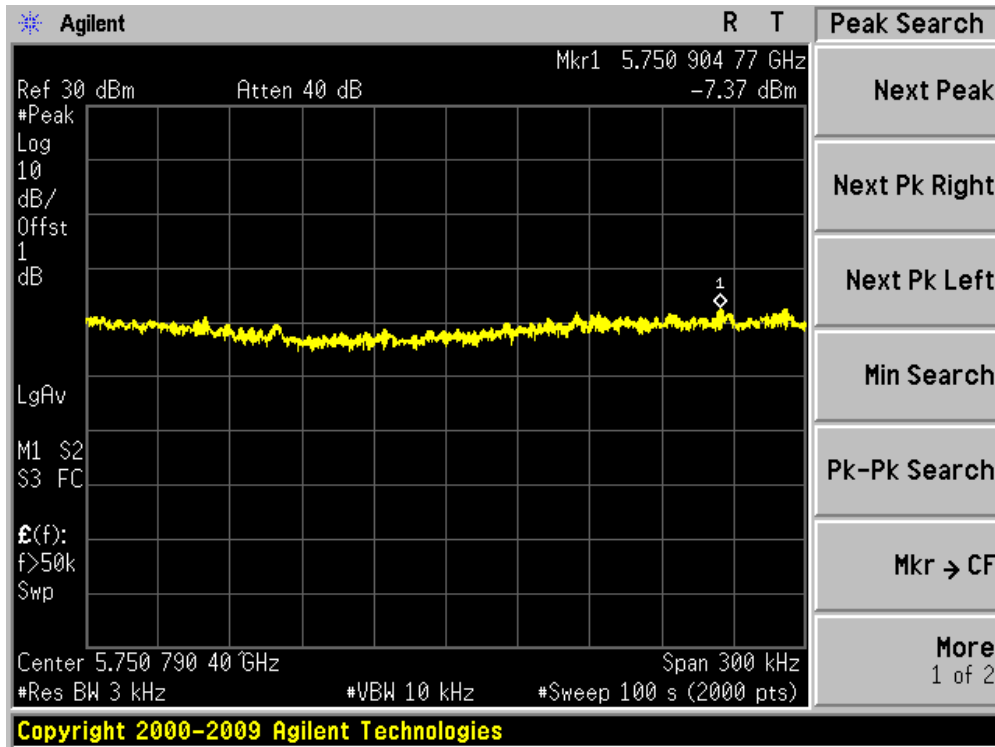
Channel 06 (2437MHz) – Chain 1



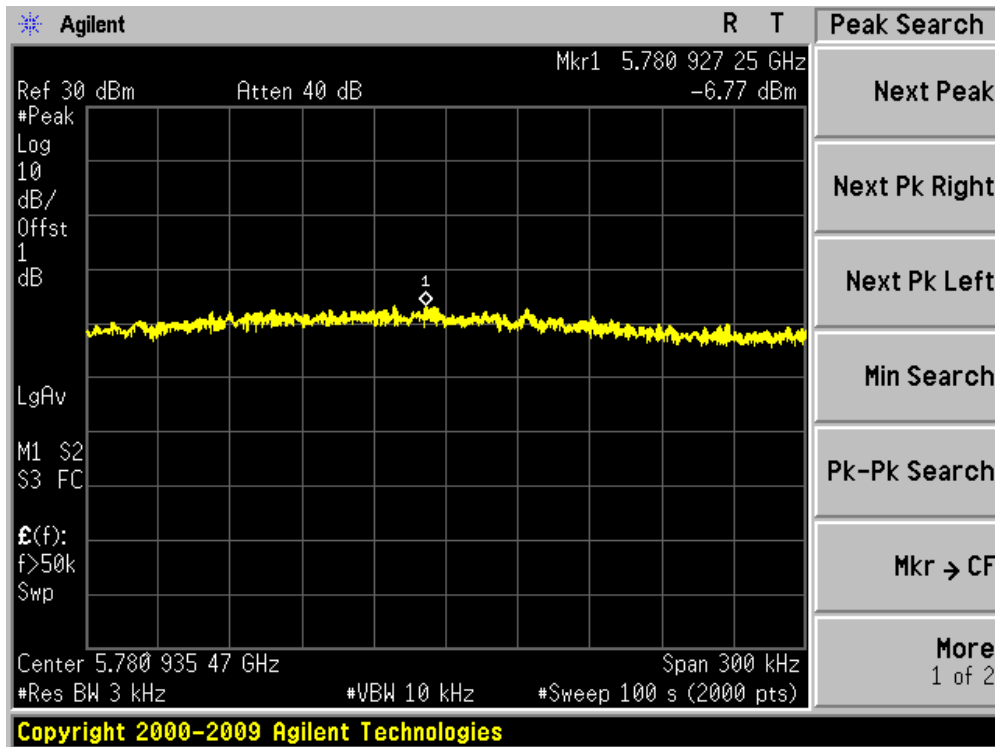
Channel 11 (2462MHz) – Chain 1



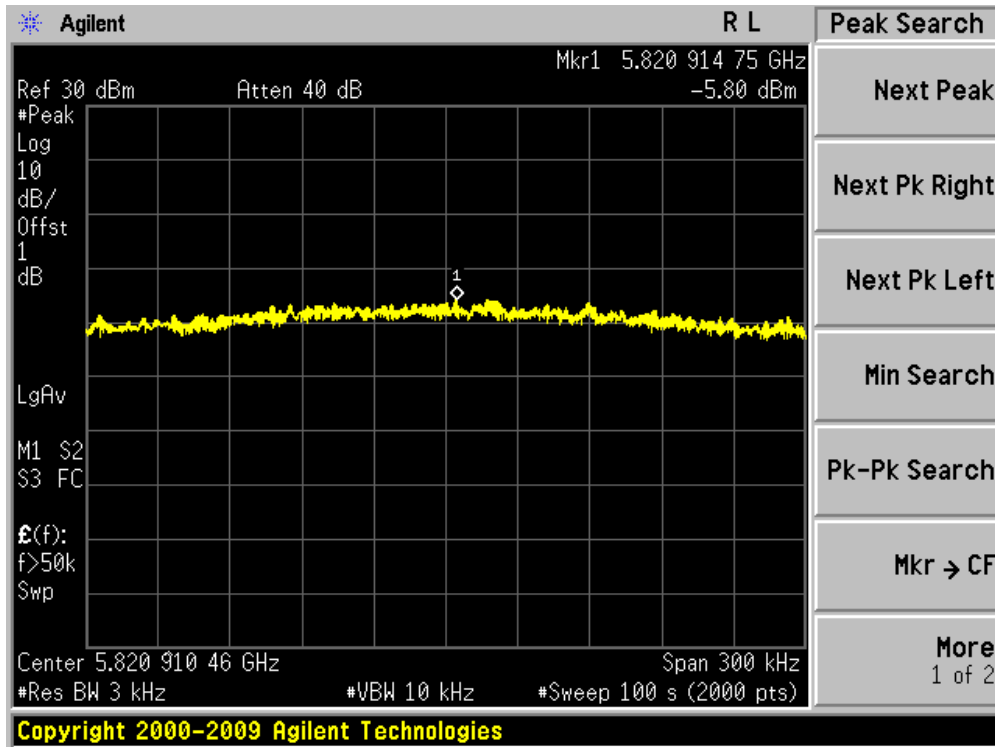
Channel 149 (5745MHz) – Chain 1



Channel 157 (5785MHz) – Chain 1



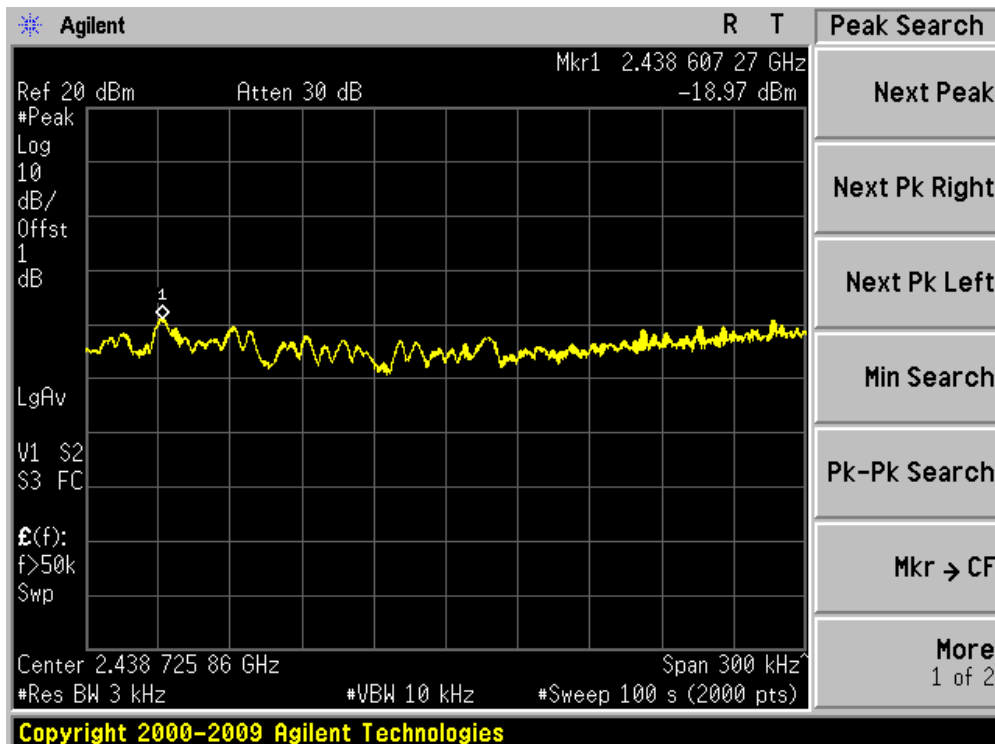
Channel 165 (5825MHz) – Chain 1



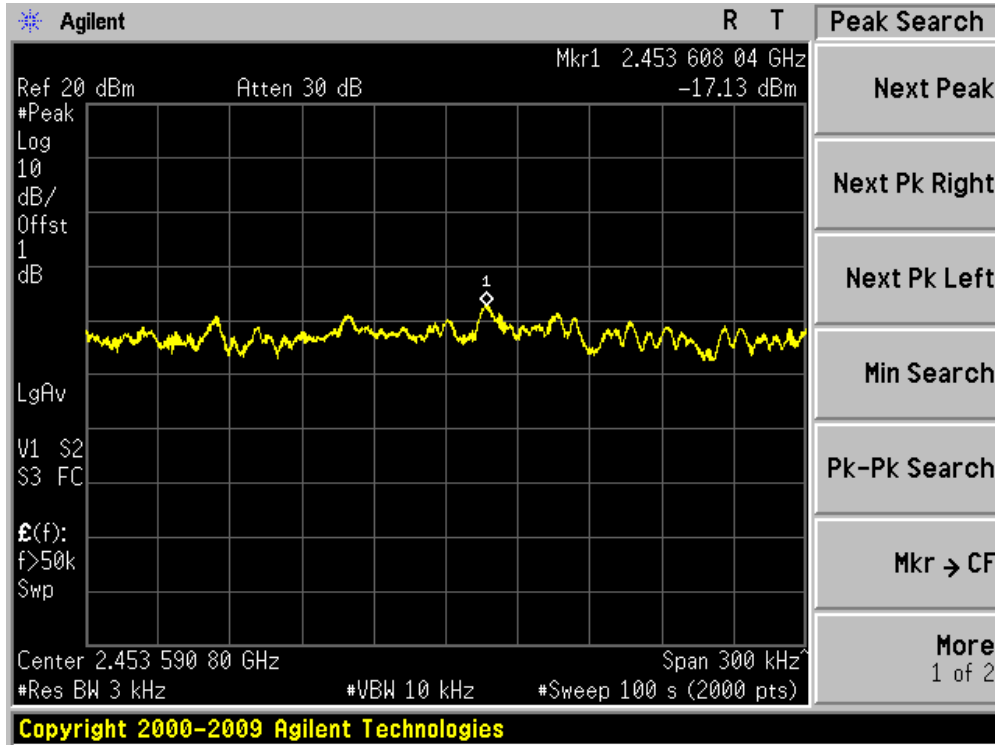
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
03	2422	-18.97	-19.19	N/A	-16.07	8	Pass
06	2437	-17.13	-21.10	N/A	-15.67	8	Pass
09	2452	-13.45	-13.96	N/A	-10.69	8	Pass
151	5755	-14.33	-11.24	N/A	-9.51	8	Pass
159	5795	-13.40	-10.58	N/A	-8.75	8	Pass

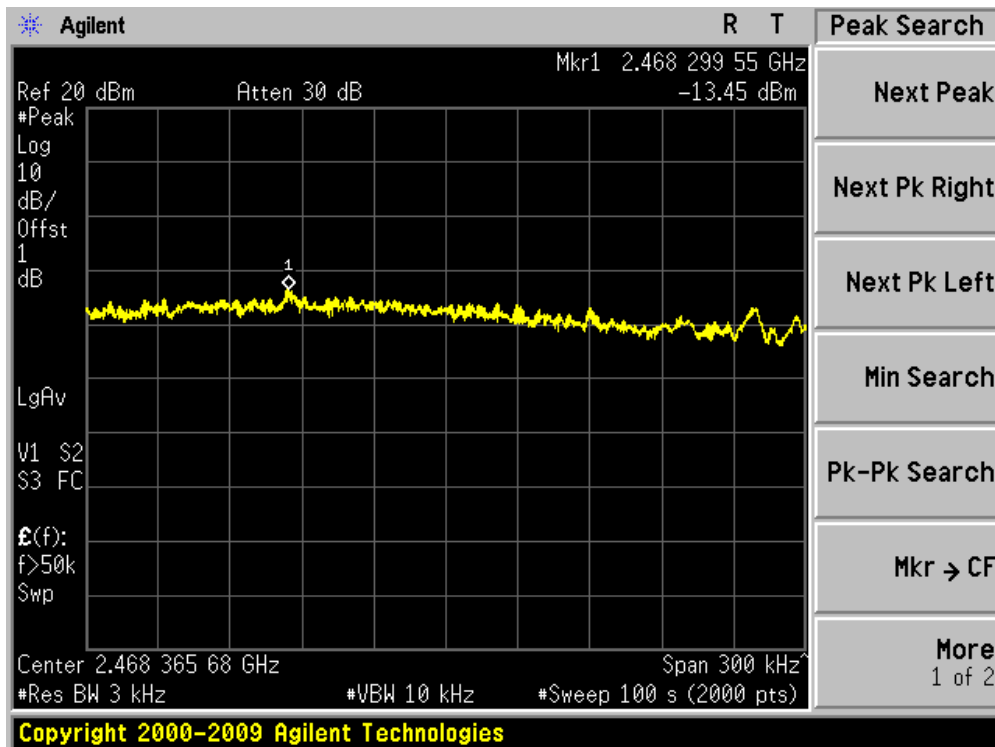
Channel 03 (2422MHz) – Chain 0



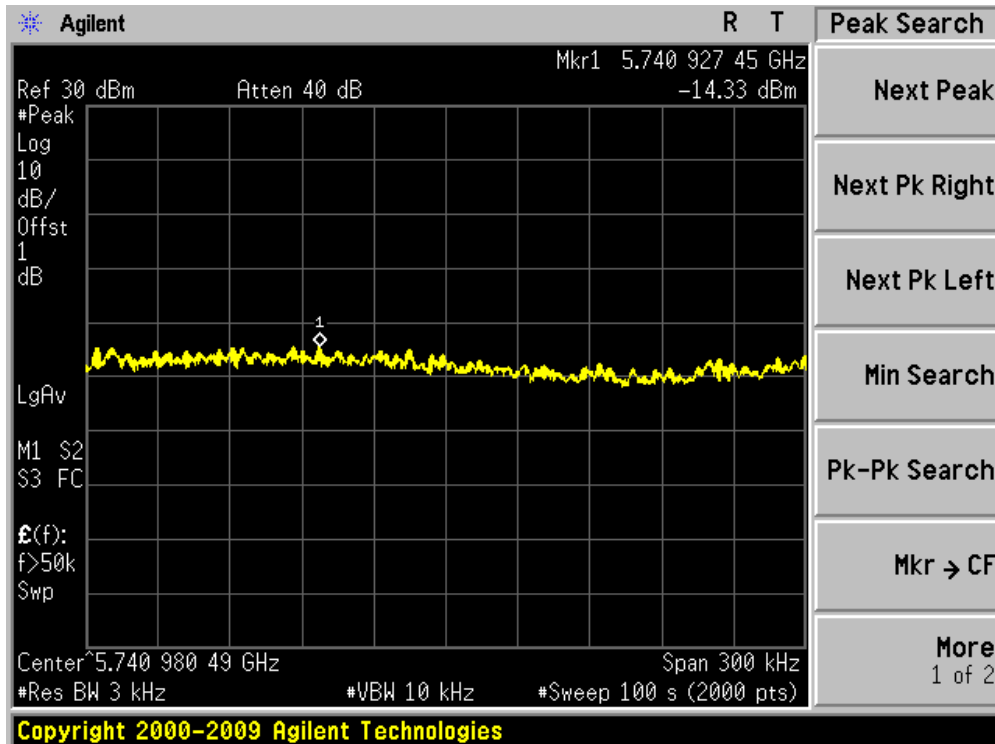
Channel 06 (2437MHz) – Chain 0



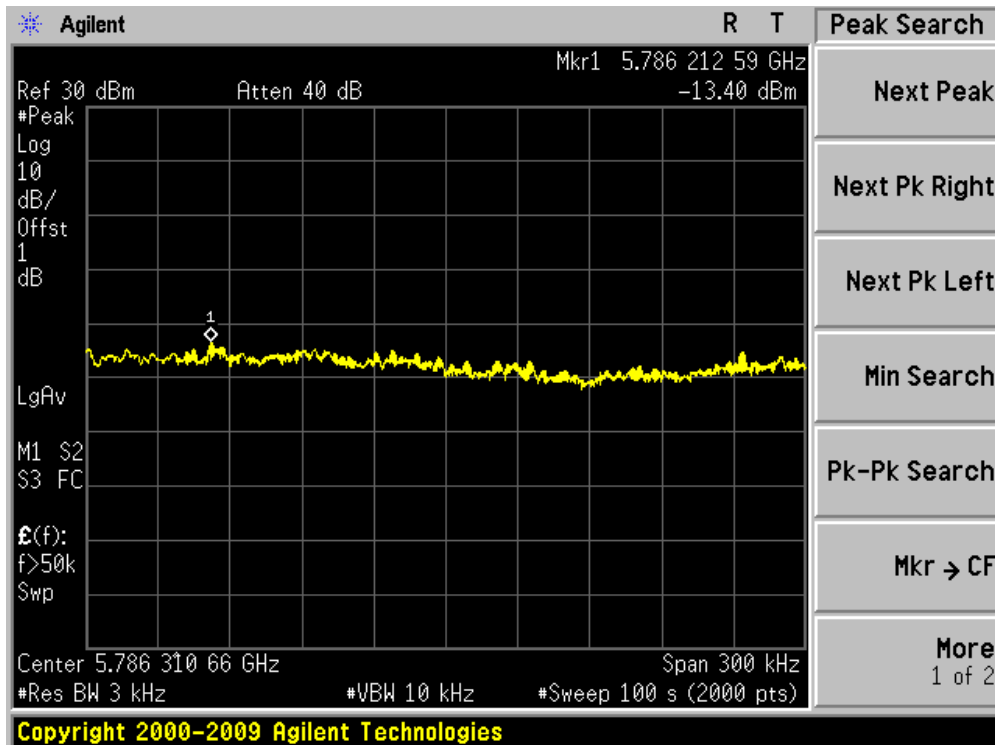
Channel 09 (2452MHz) – Chain 0



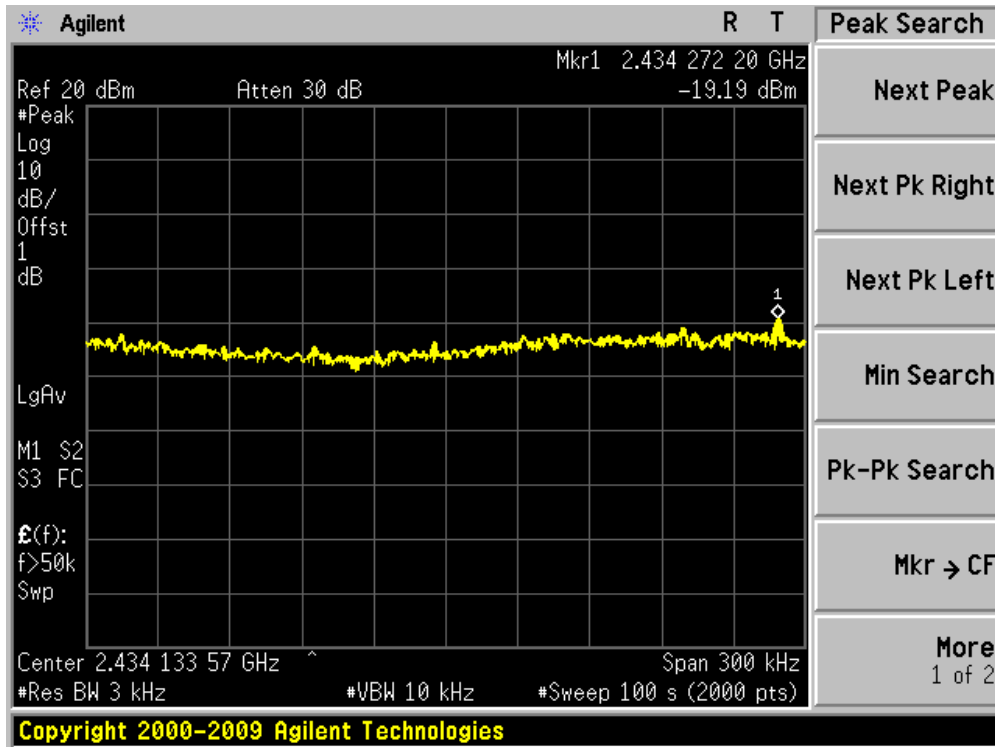
Channel 151 (5755MHz) – Chain 0



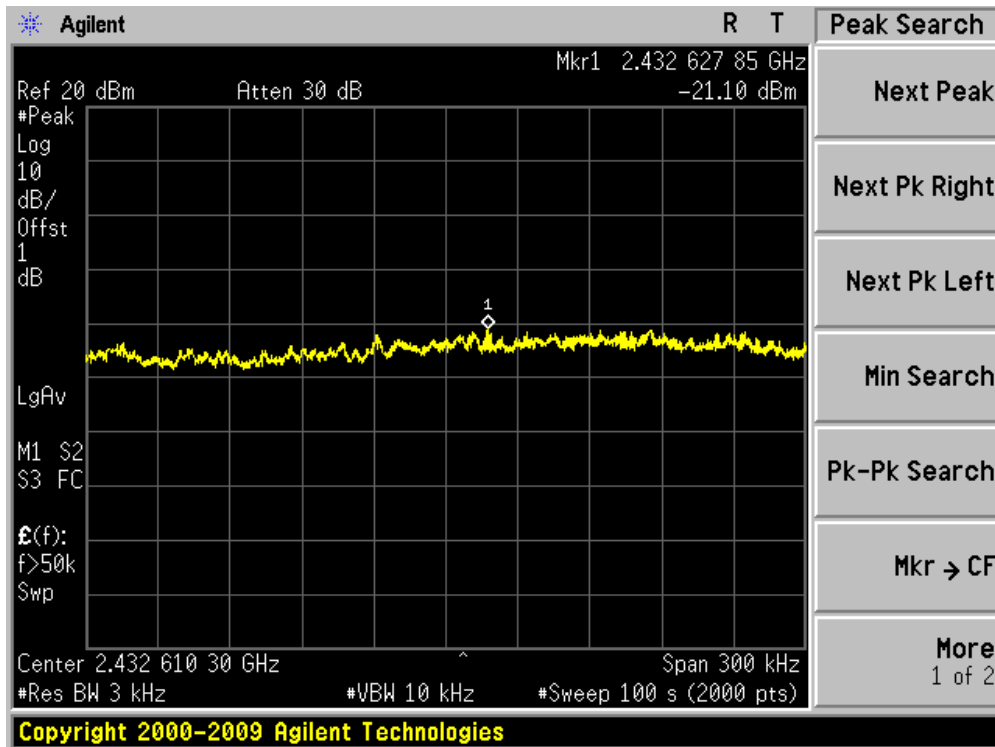
Channel 159 (5795MHz) – Chain 0



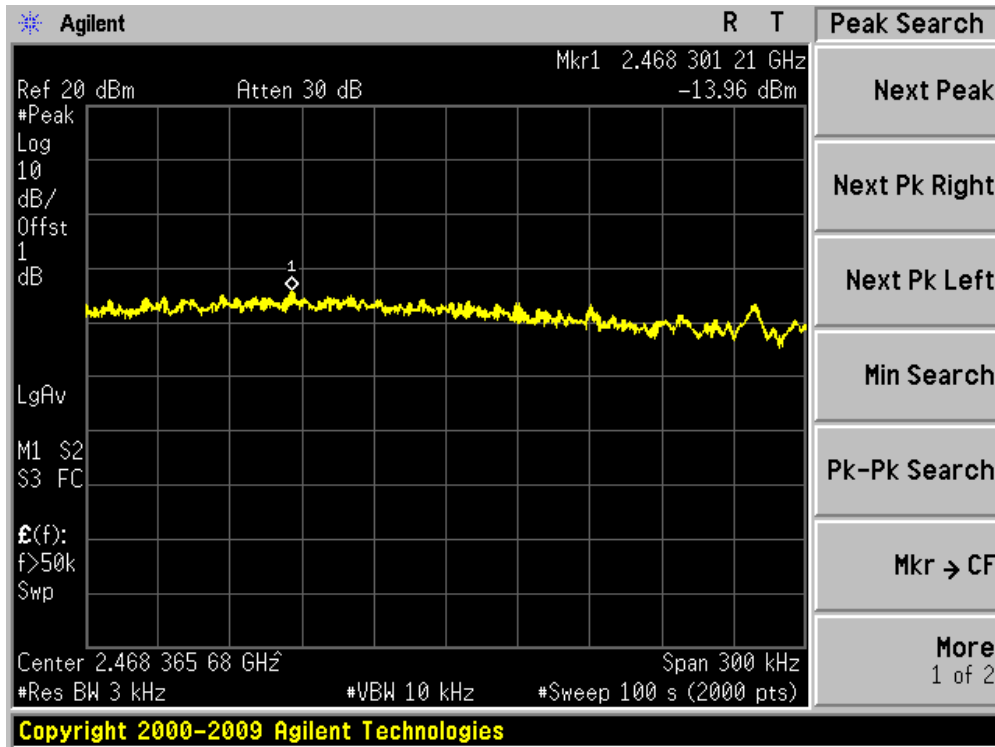
Channel 03 (2422MHz) – Chain 1



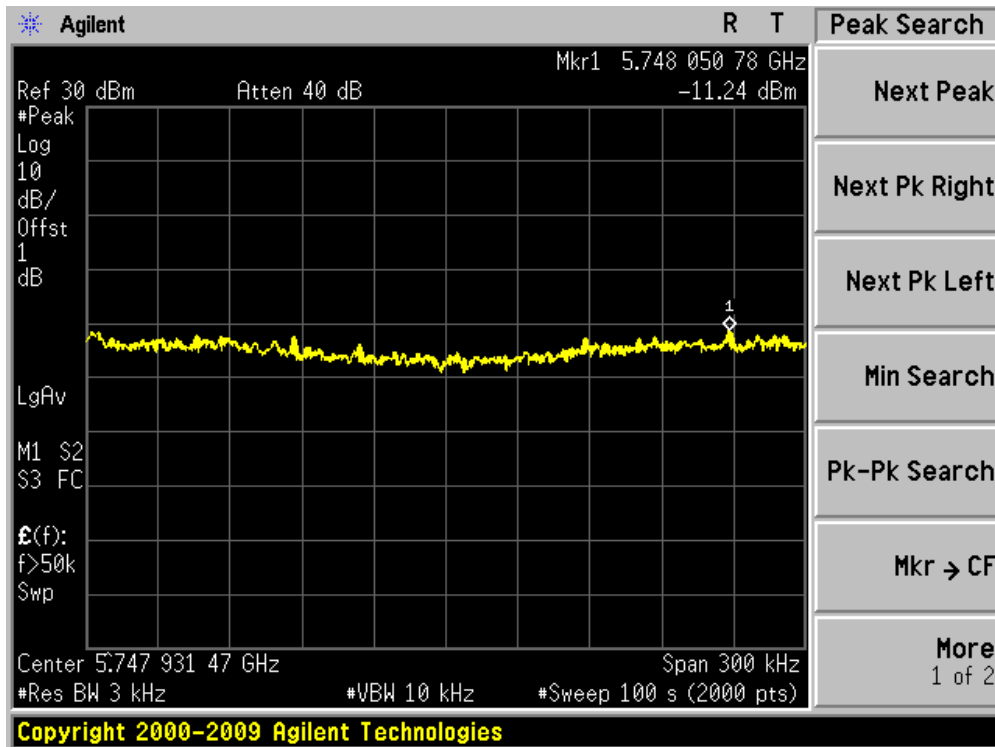
Channel 06 (2437MHz) – Chain 1



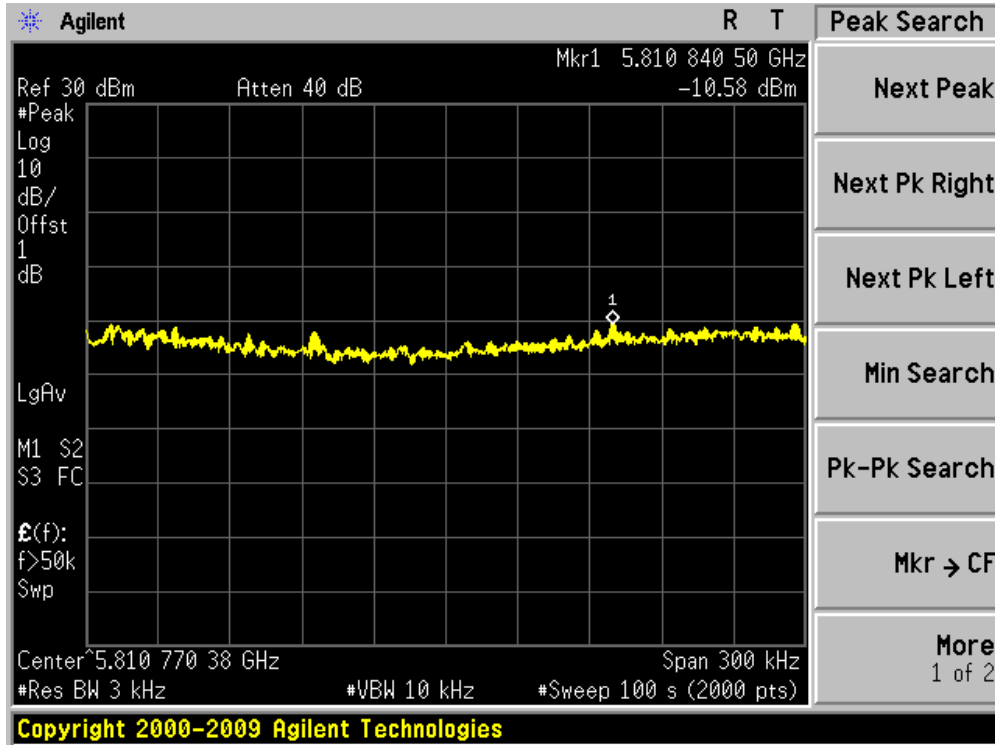
Channel 09 (2452MHz) – Chain 1



Channel 151 (5755MHz) – Chain 1



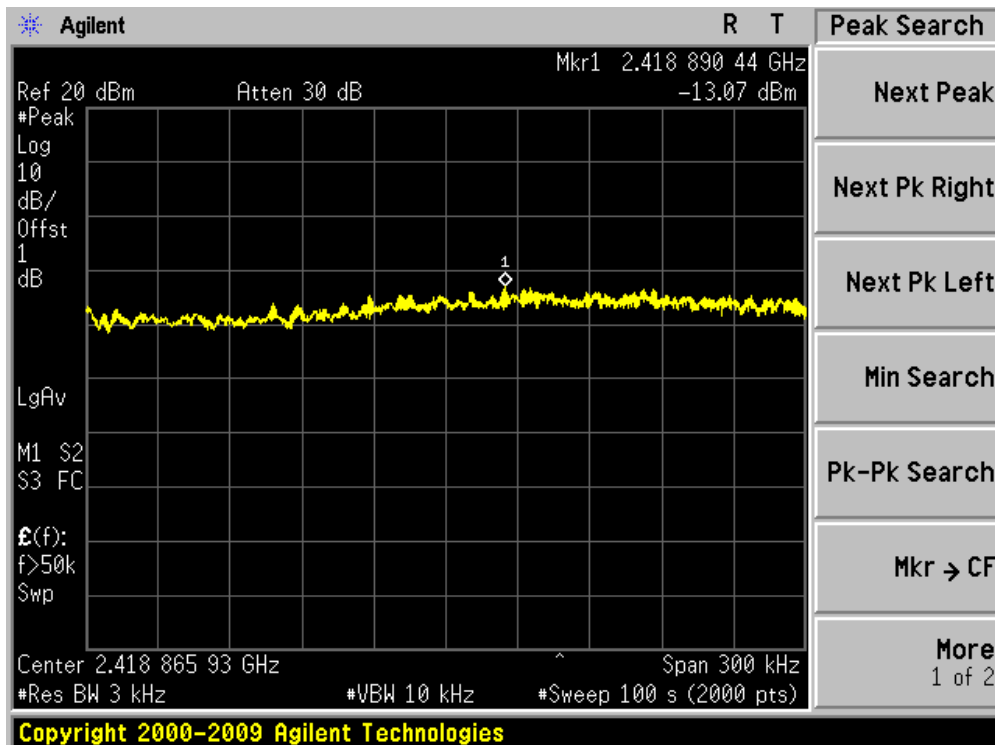
Channel 159 (5795MHz) – Chain 1



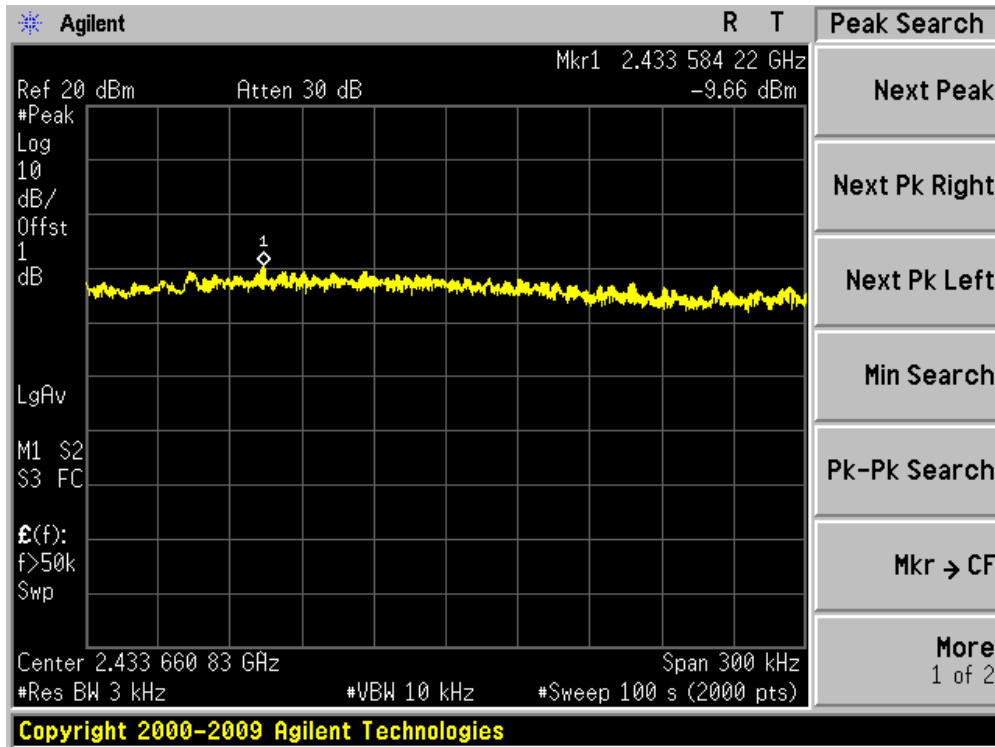
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain 0+1+2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
01	2412	-13.07	-11.68	-11.19	-7.14	8	Pass
06	2437	-9.66	-11.07	-12.32	-6.11	8	Pass
11	2462	-11.12	-9.90	-12.02	-6.15	8	Pass
149	5745	-13.59	-8.99	-12.43	-6.44	8	Pass
157	5785	-12.96	-7.38	-12.69	-5.42	8	Pass
165	5825	-12.72	-6.75	-12.88	-5.00	8	Pass

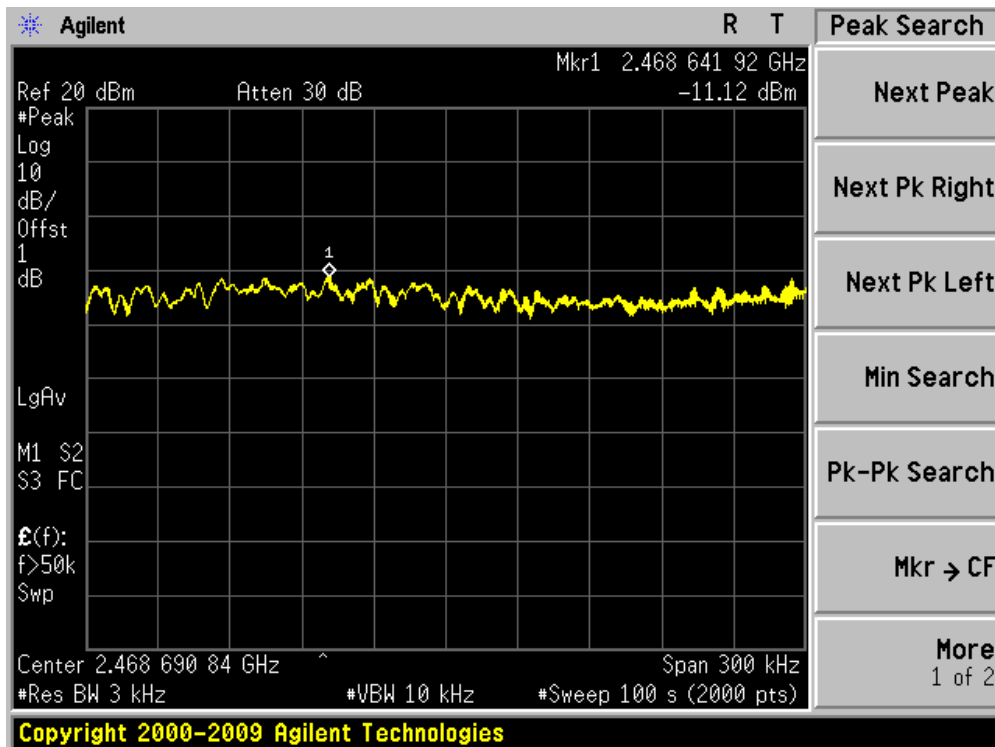
Channel 01 (2412MHz) – Chain 0



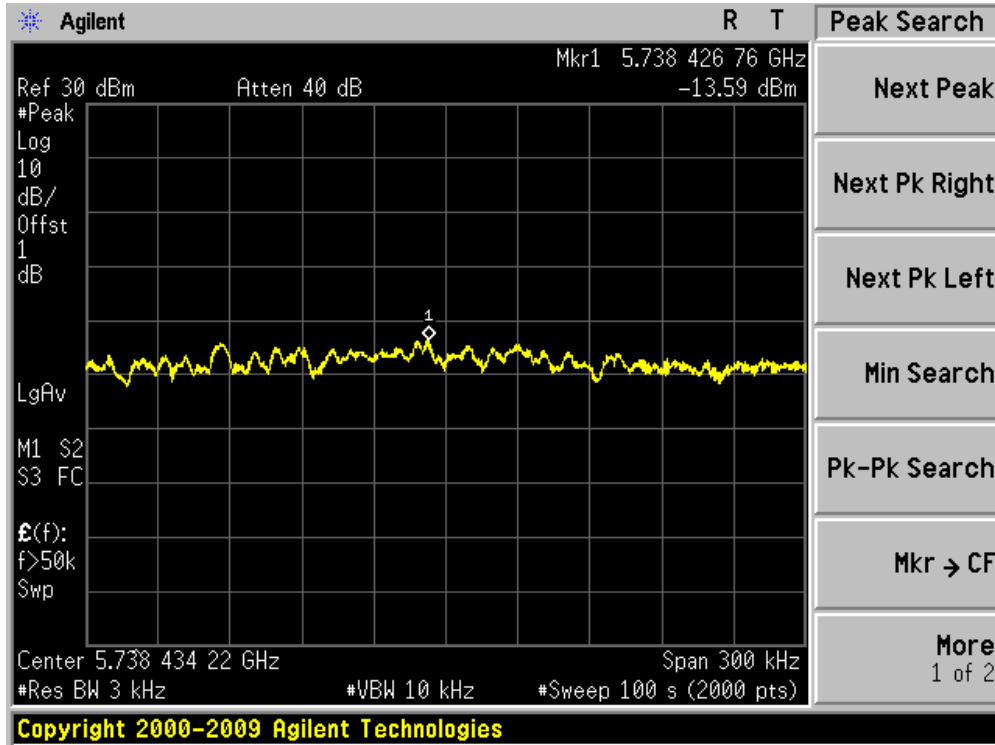
Channel 06 (2437MHz) – Chain 0



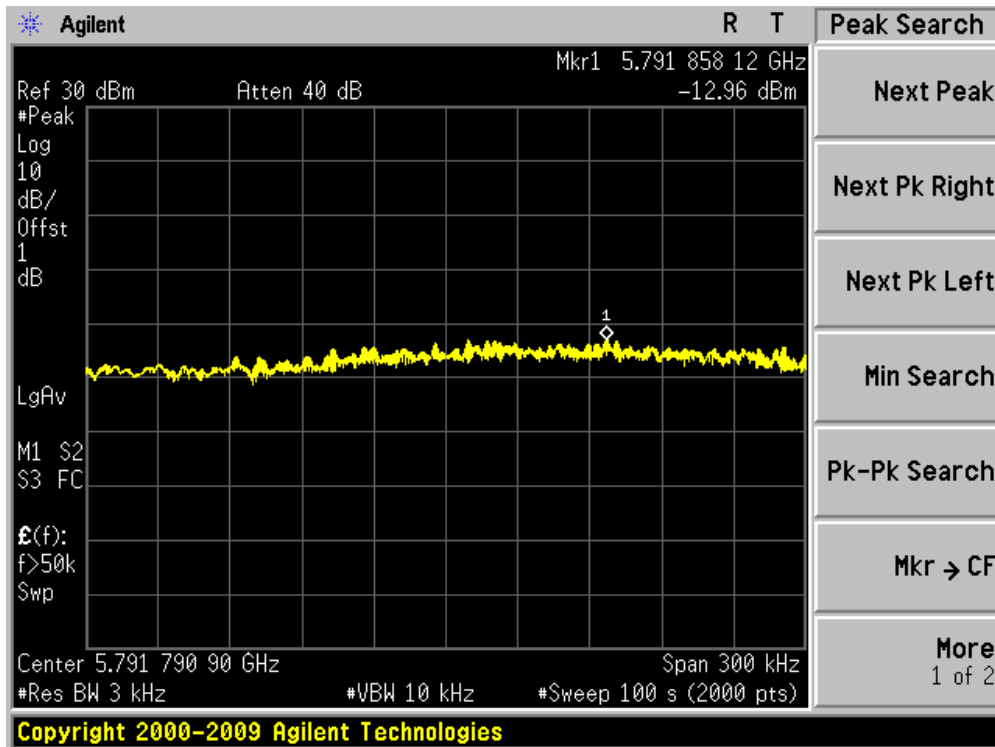
Channel 11 (2462MHz) – Chain 0



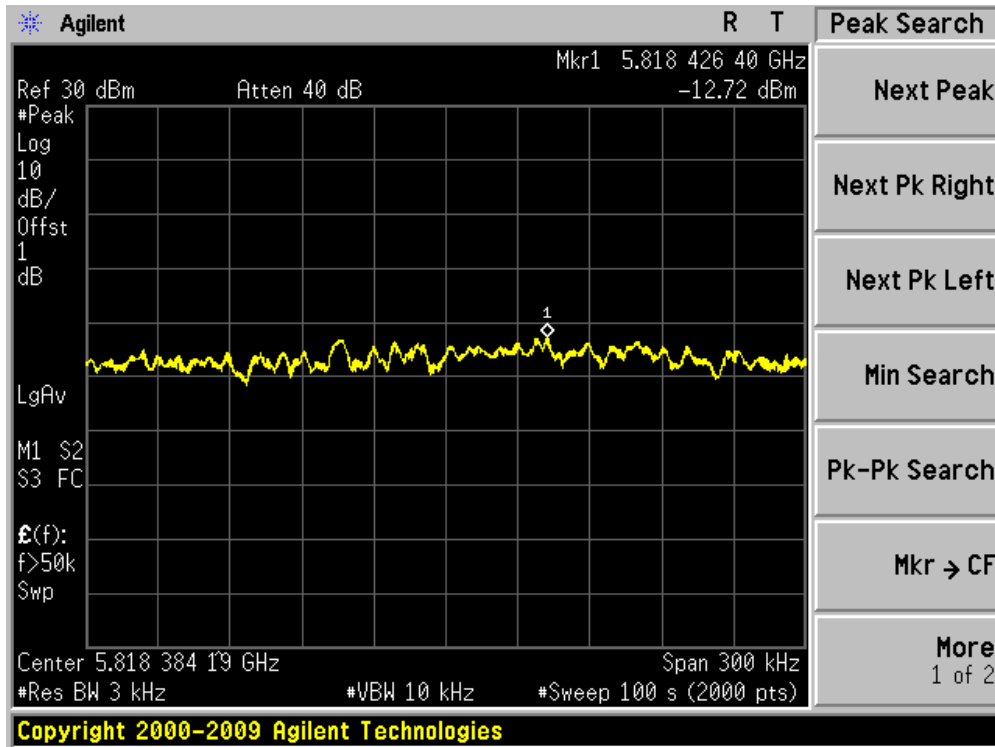
Channel 149 (5745MHz) – Chain 0



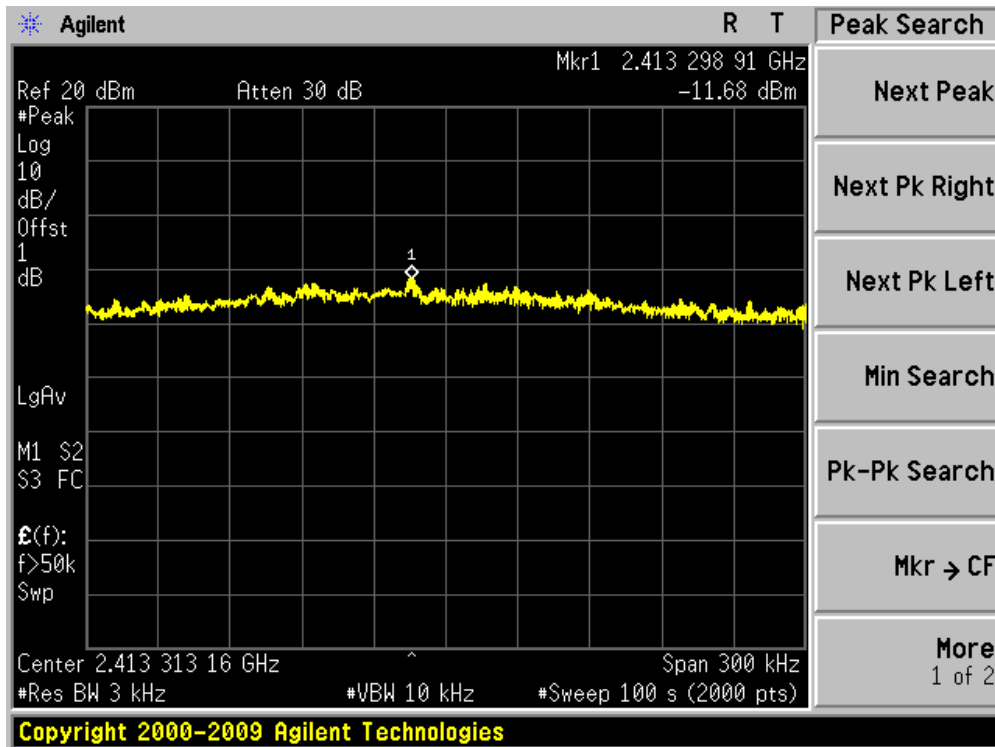
Channel 157 (5785MHz) – Chain 0



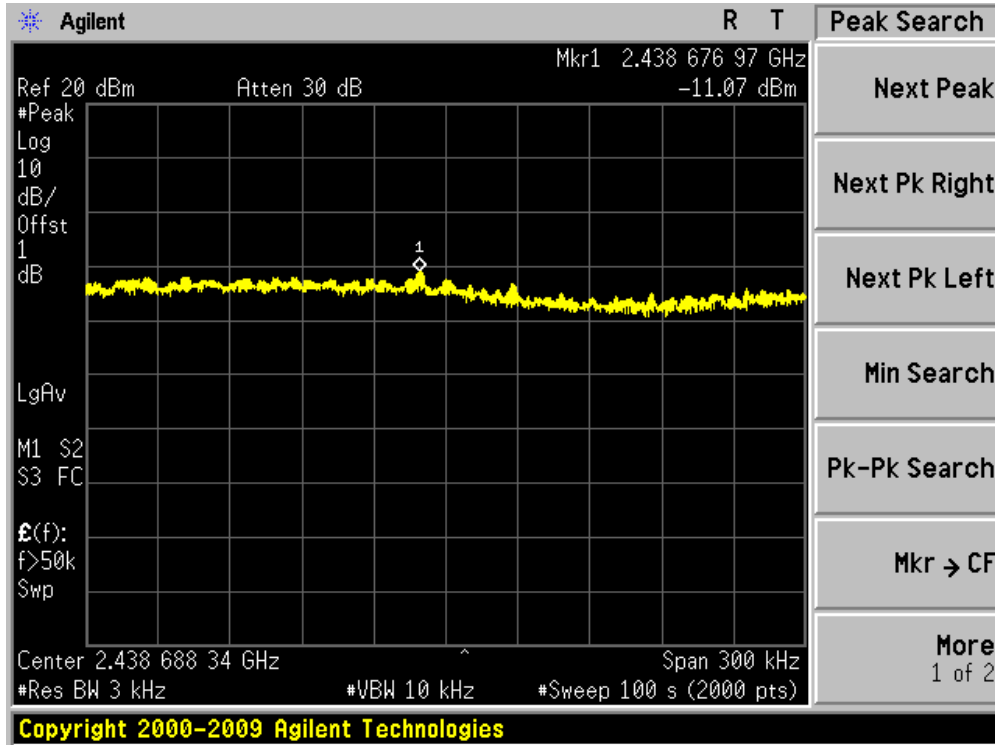
Channel 165 (5825MHz) – Chain 0



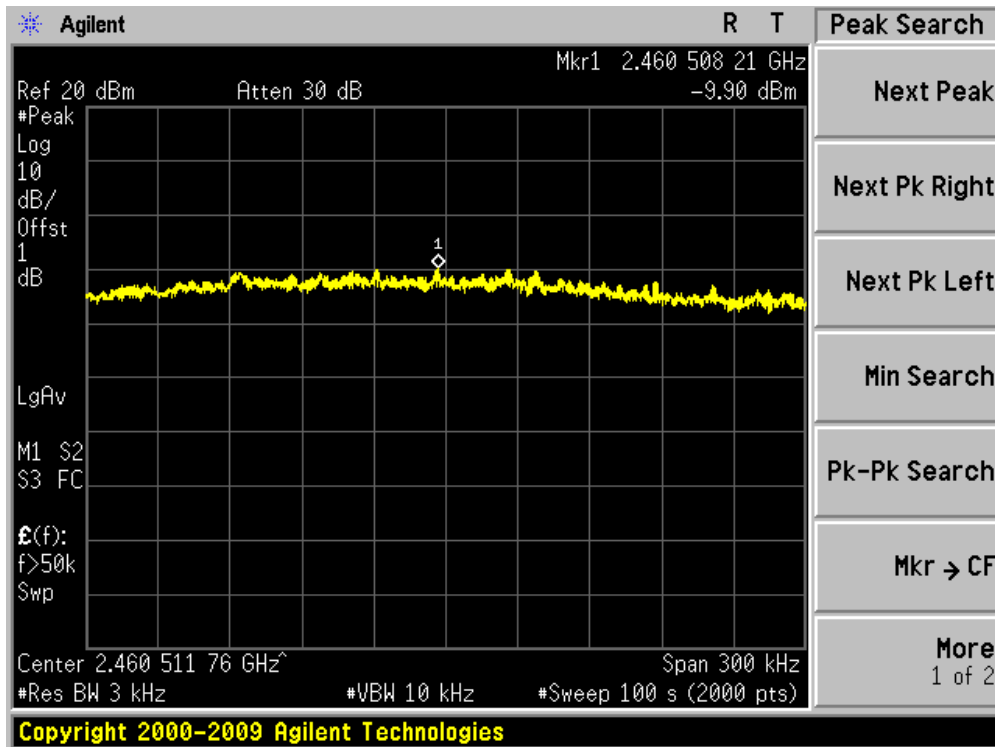
Channel 01 (2412MHz) – Chain 1



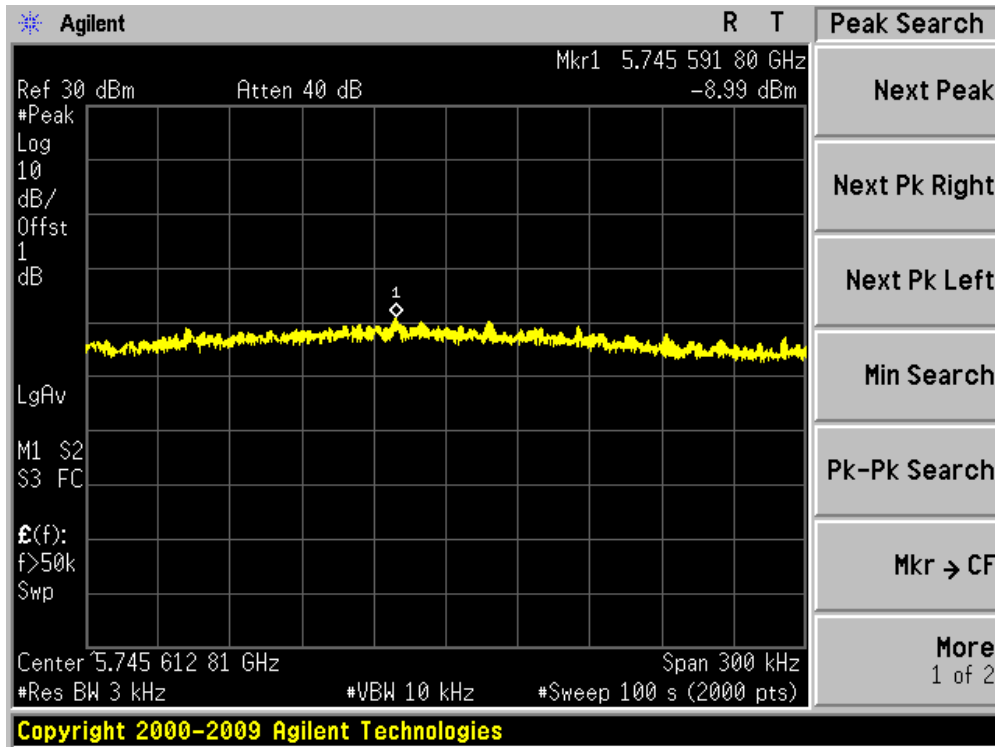
Channel 06 (2437MHz) – Chain 1



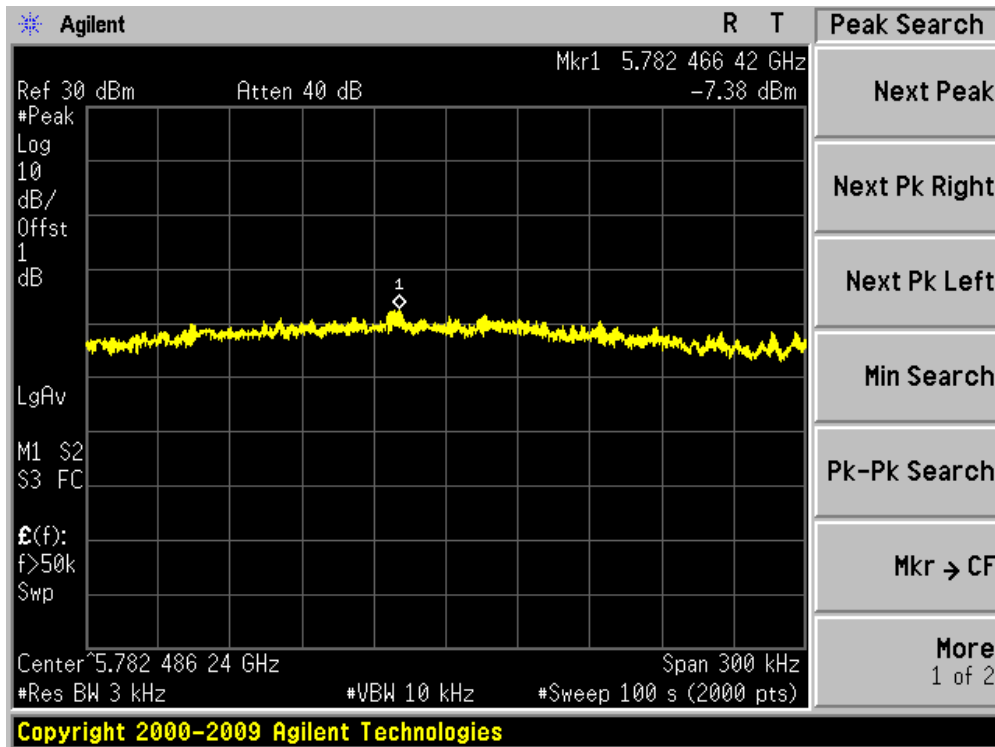
Channel 11 (2462MHz) – Chain 1



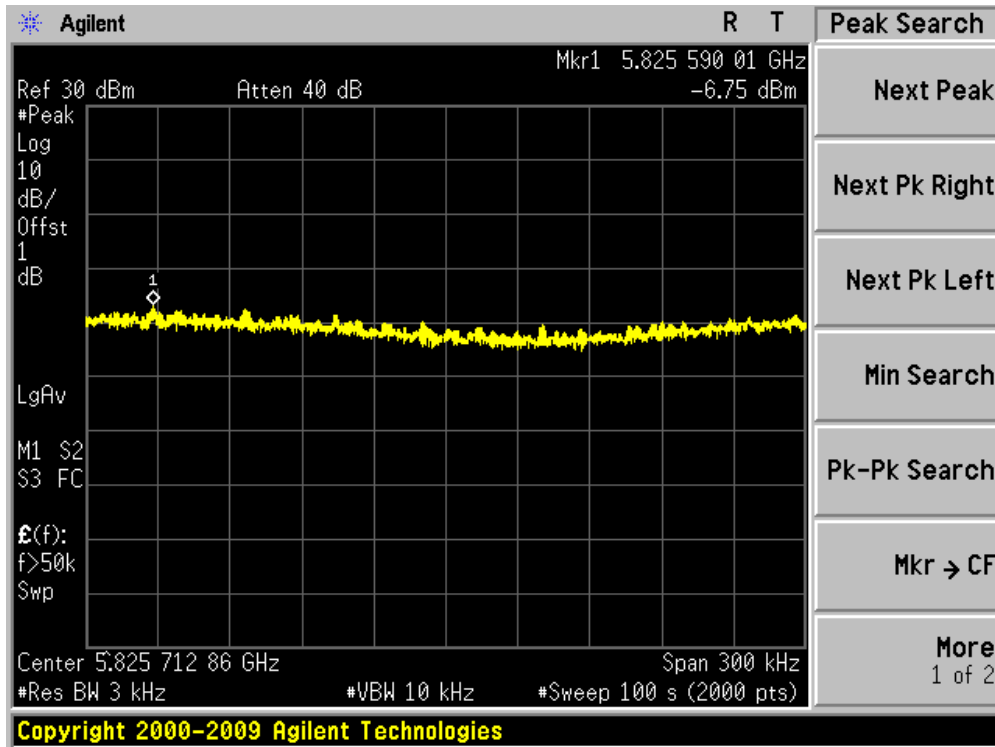
Channel 149 (5745MHz) – Chain 1



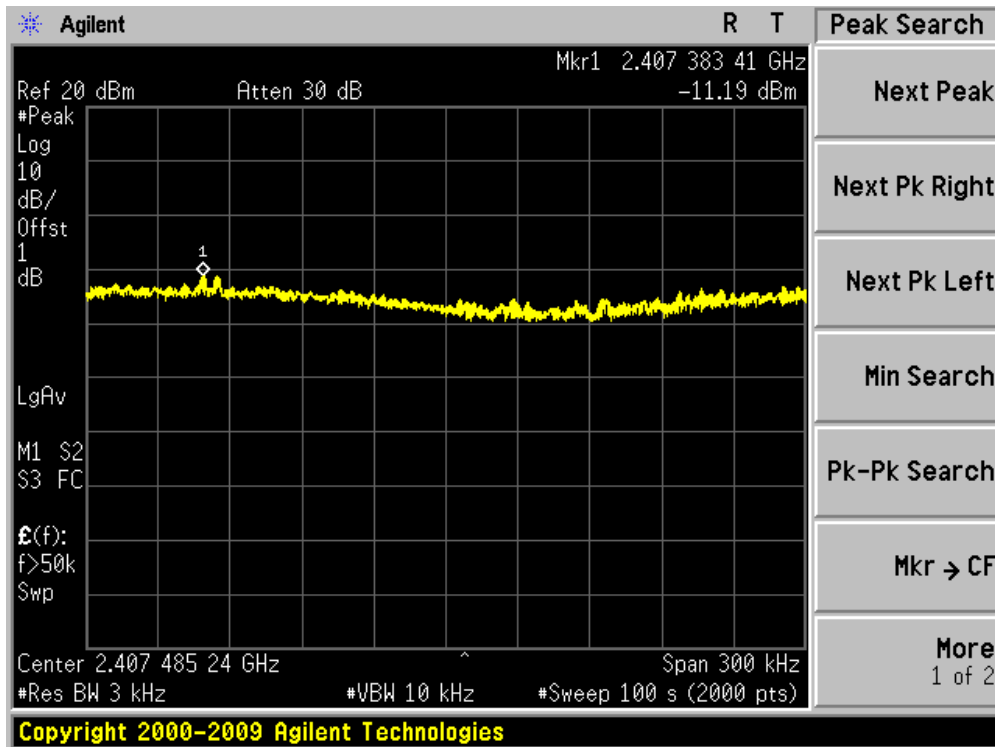
Channel 157 (5785MHz) – Chain 1



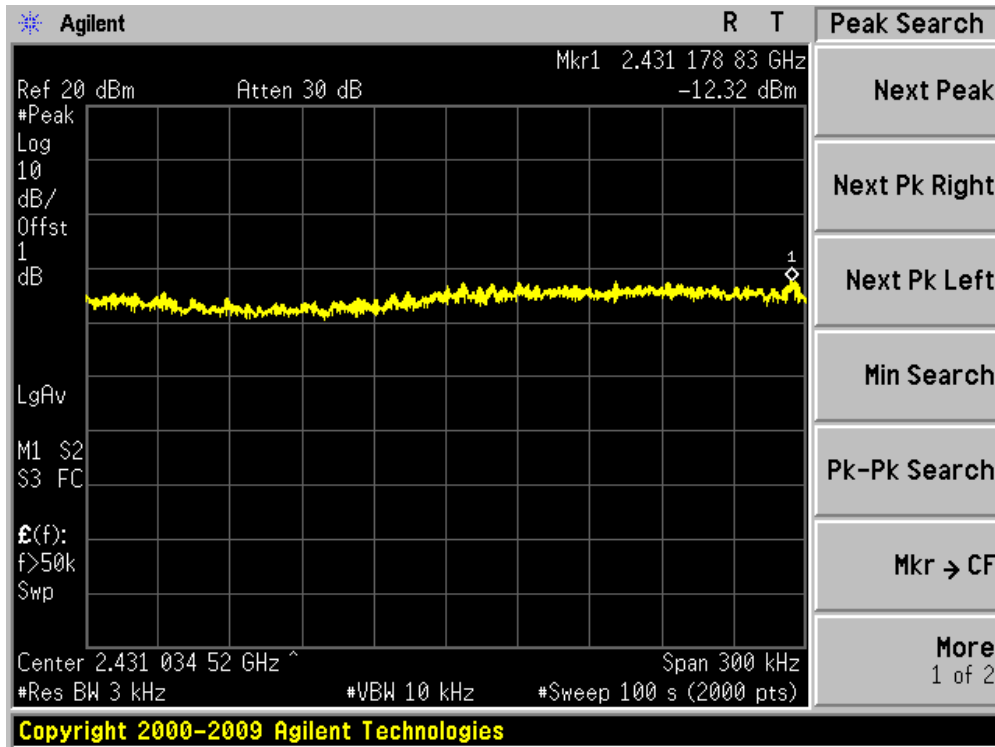
Channel 165 (5825MHz) – Chain 1



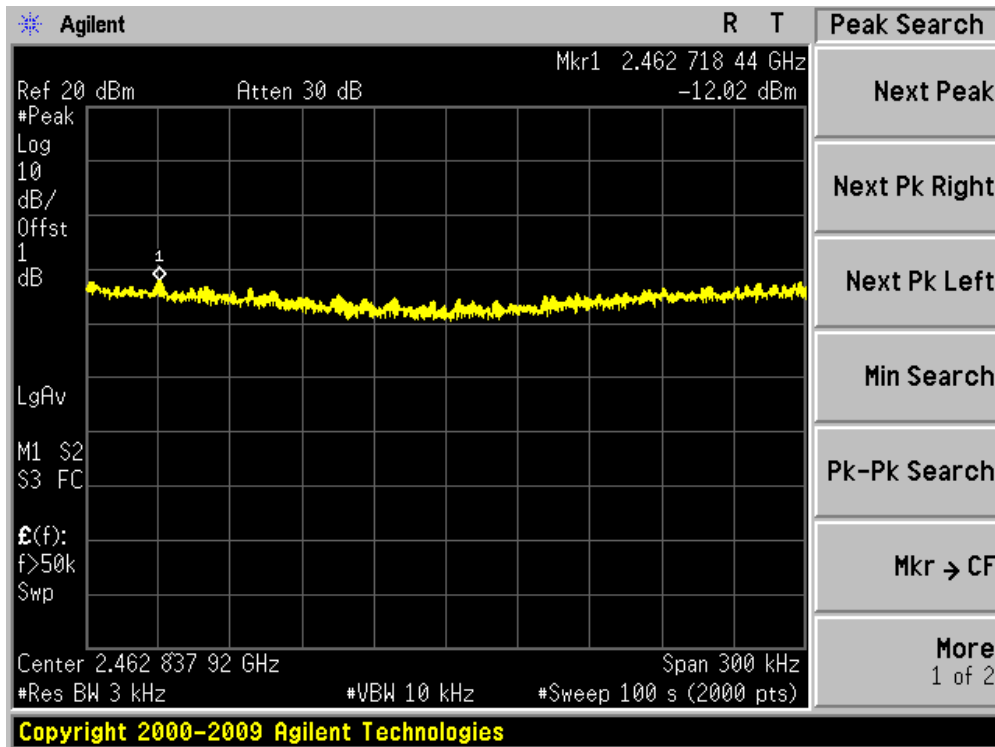
Channel 01 (2412MHz) – Chain 2



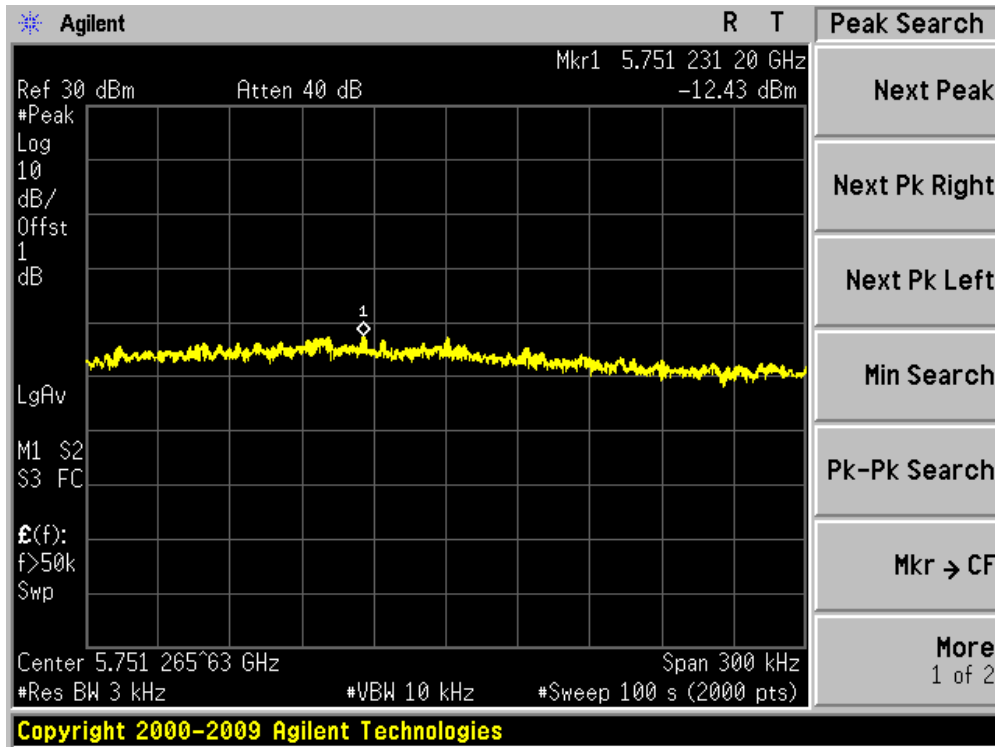
Channel 06 (2437MHz) – Chain 2



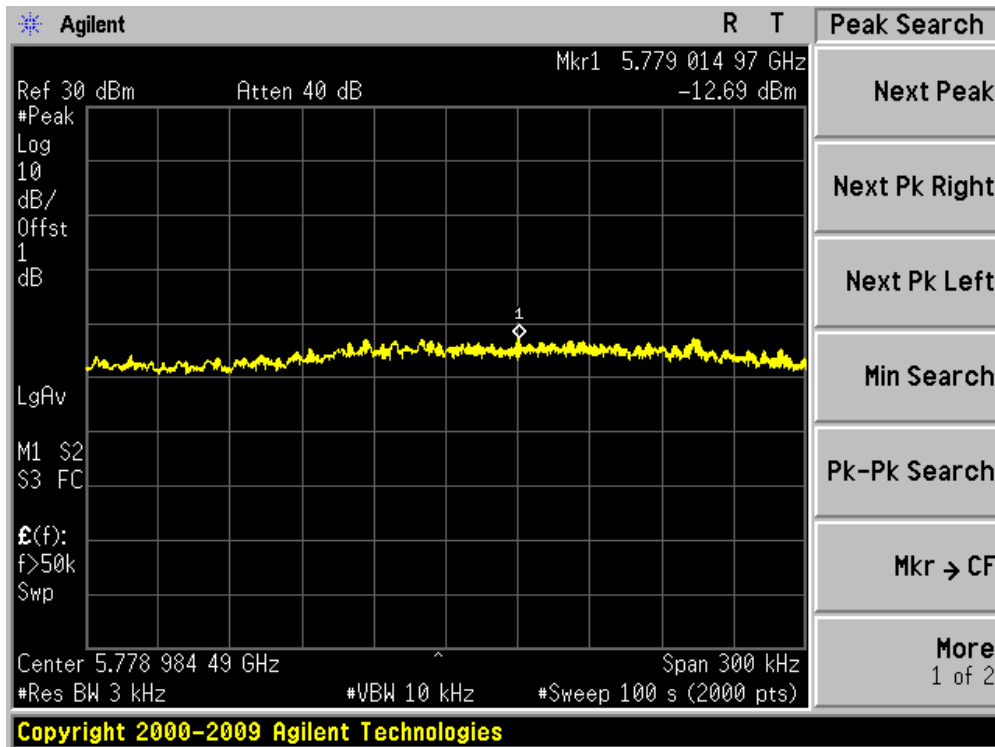
Channel 11 (2462MHz) – Chain 2



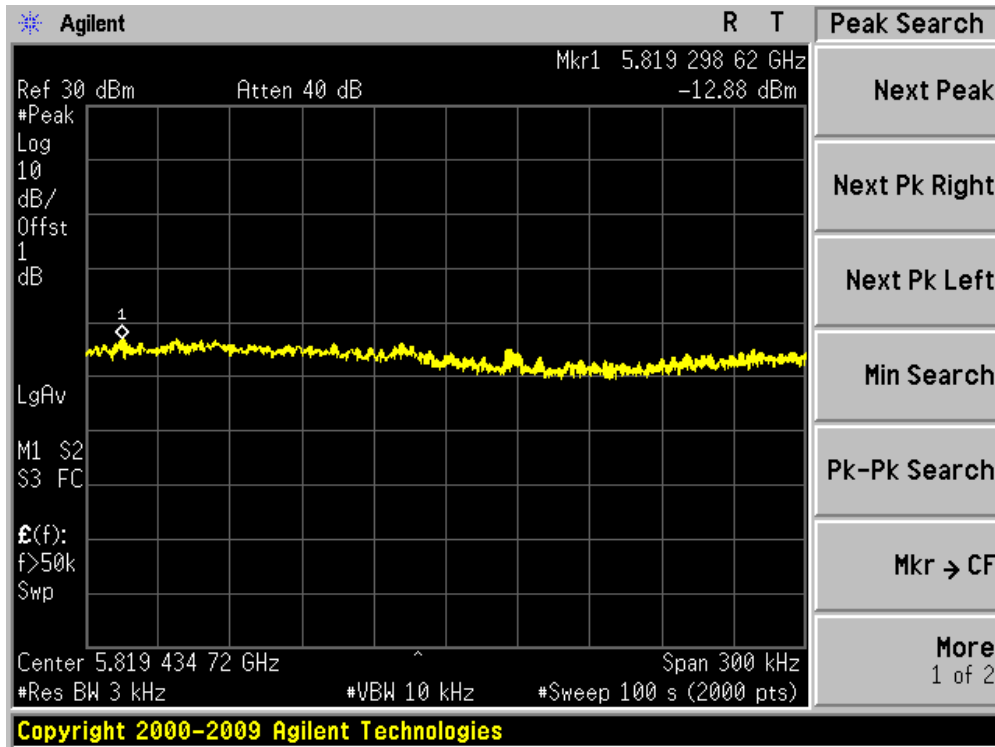
Channel 149 (5745MHz) – Chain 2



Channel 157 (5785MHz) – Chain 2



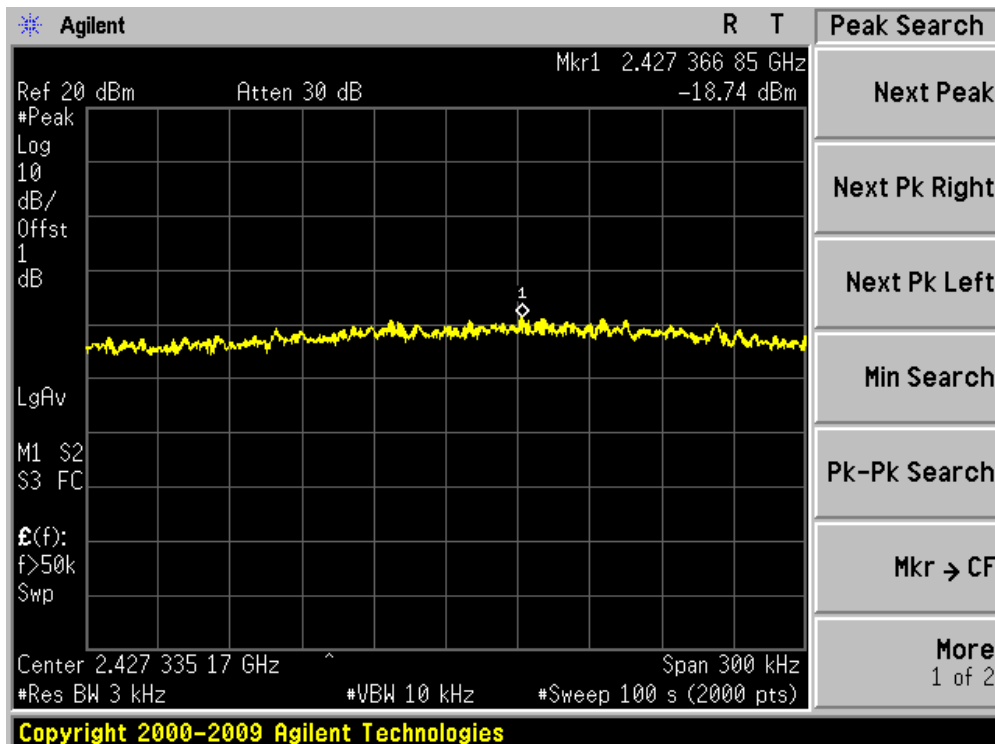
Channel 165 (5825MHz) – Chain 2



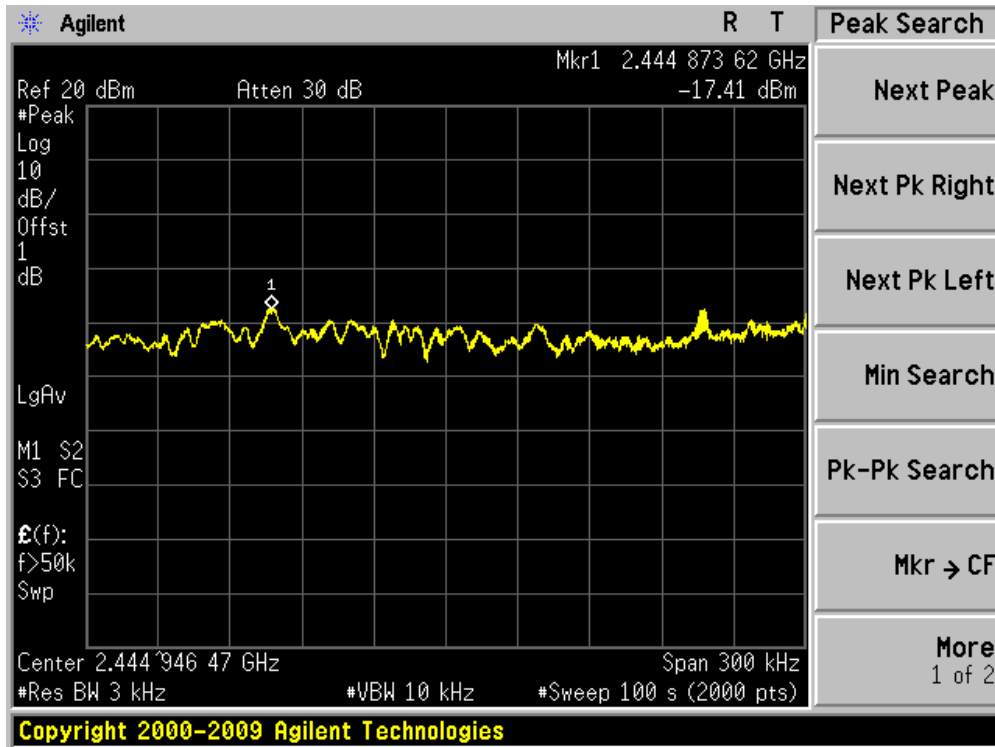
Product	:	Wireless LAN access Point
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain 0+1+2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)			Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1	Chain 2			
03	2422	-18.74	-21.51	-20.54	-15.34	8	Pass
06	2437	-17.41	-21.87	-18.45	-14.10	8	Pass
09	2452	-15.29	-16.50	-17.01	-11.43	8	Pass
151	5755	-15.71	-13.14	-16.44	-10.08	8	Pass
159	5795	-15.47	-11.85	-16.12	-9.28	8	Pass

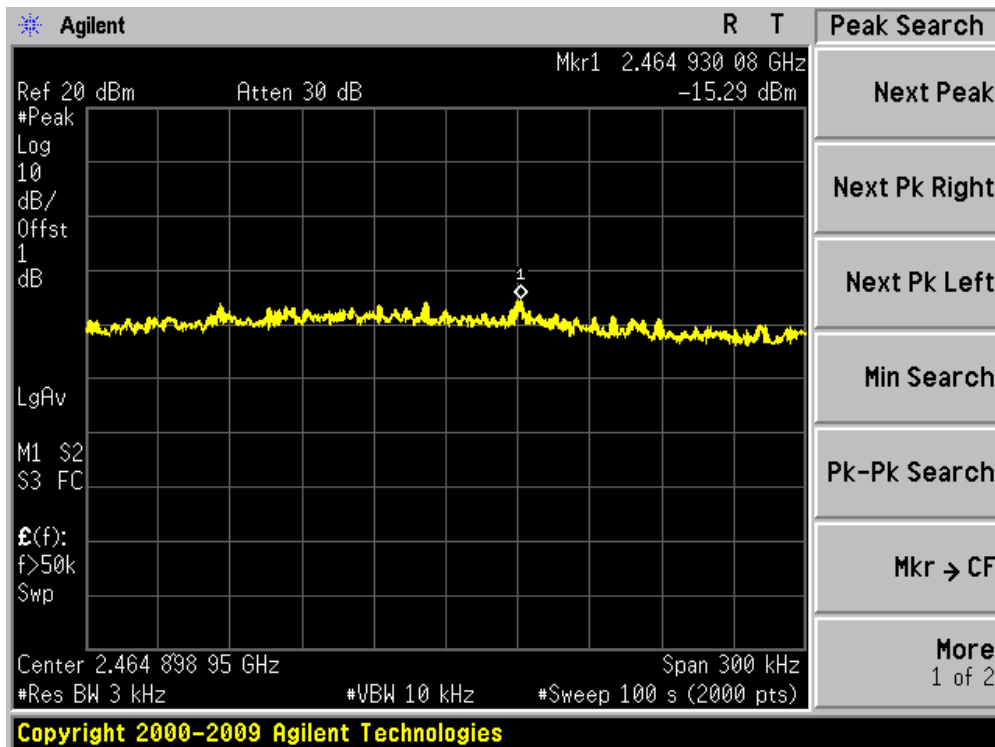
Channel 03 (2422MHz) – Chain 0



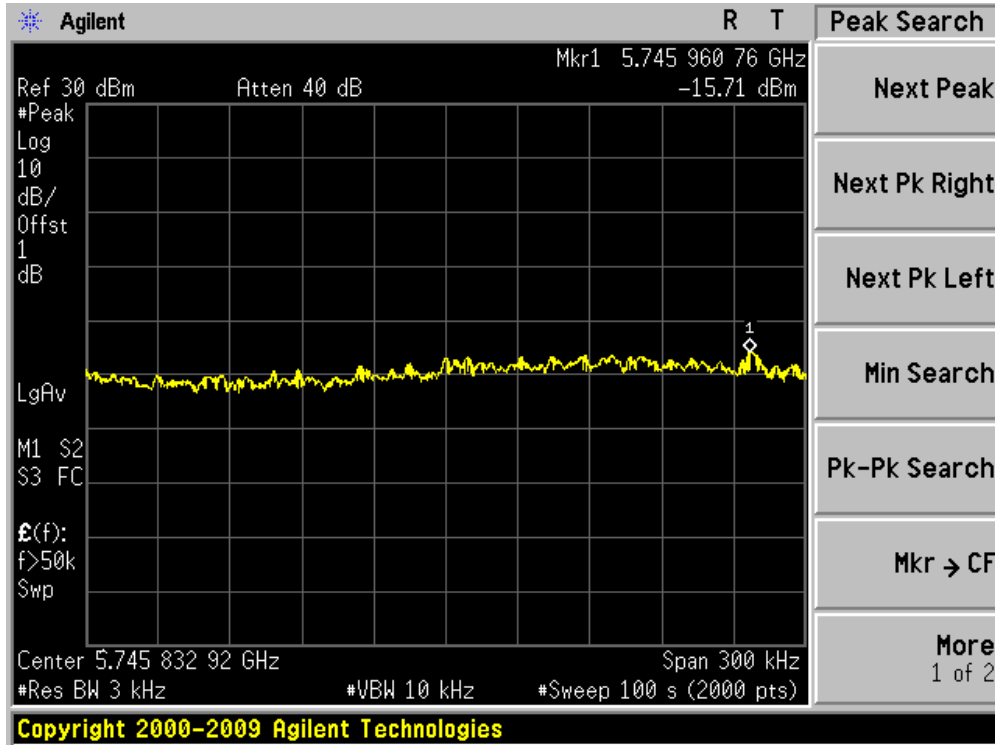
Channel 06 (2437MHz) – Chain 0



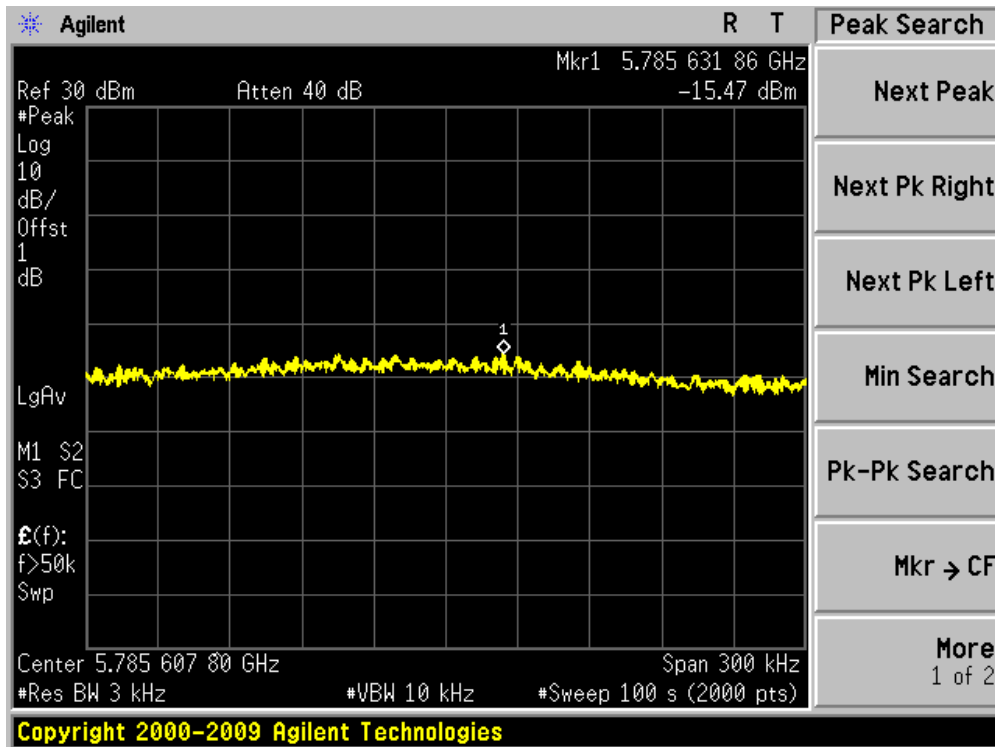
Channel 09 (2452MHz) – Chain 0



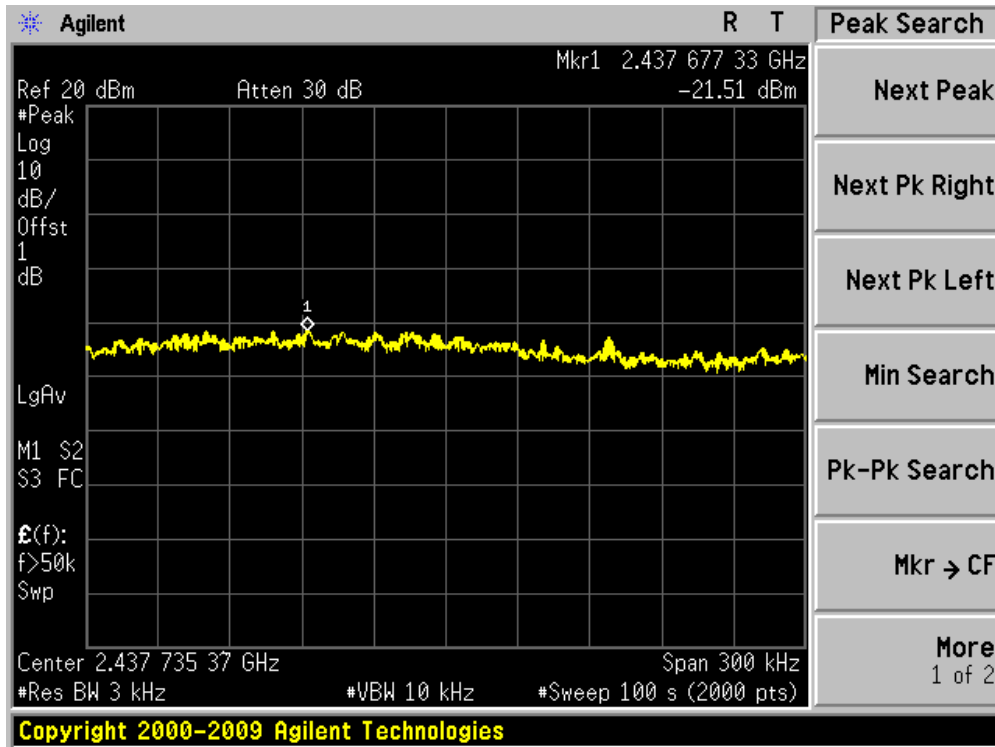
Channel 151 (5755MHz) – Chain 0



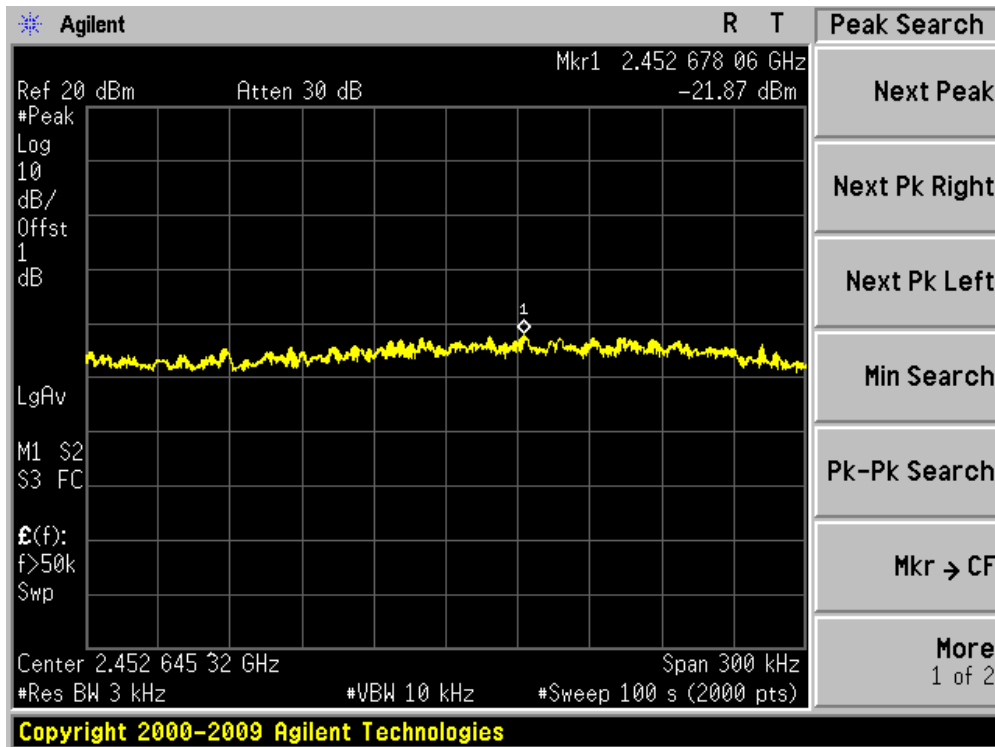
Channel 159 (5795MHz) – Chain 0



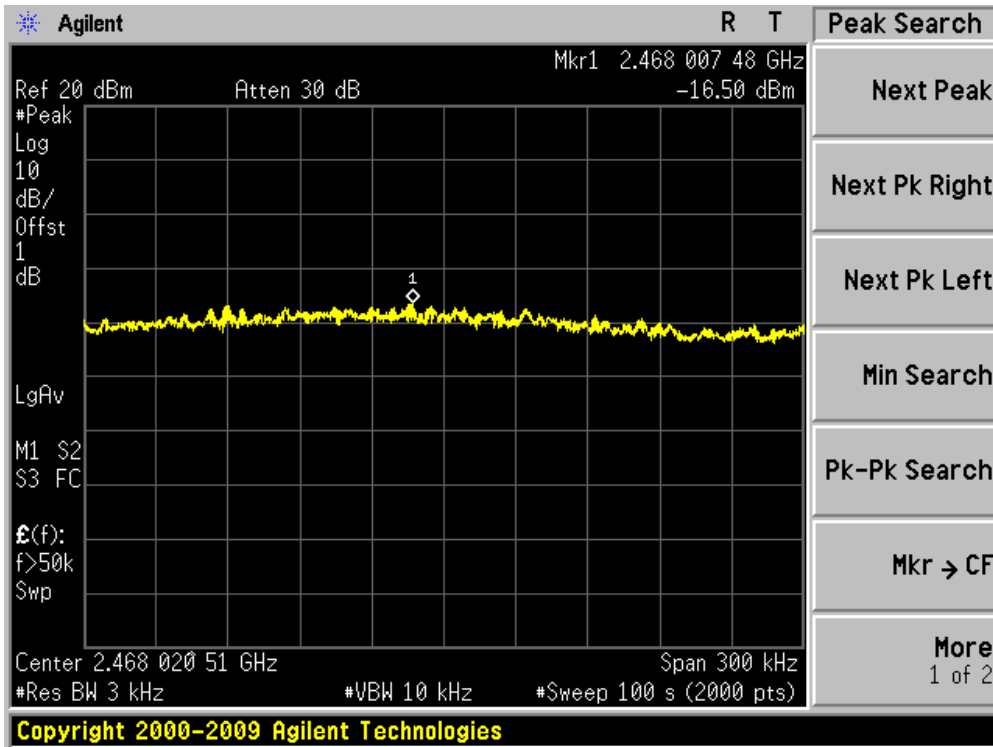
Channel 03 (2422MHz) – Chain 1



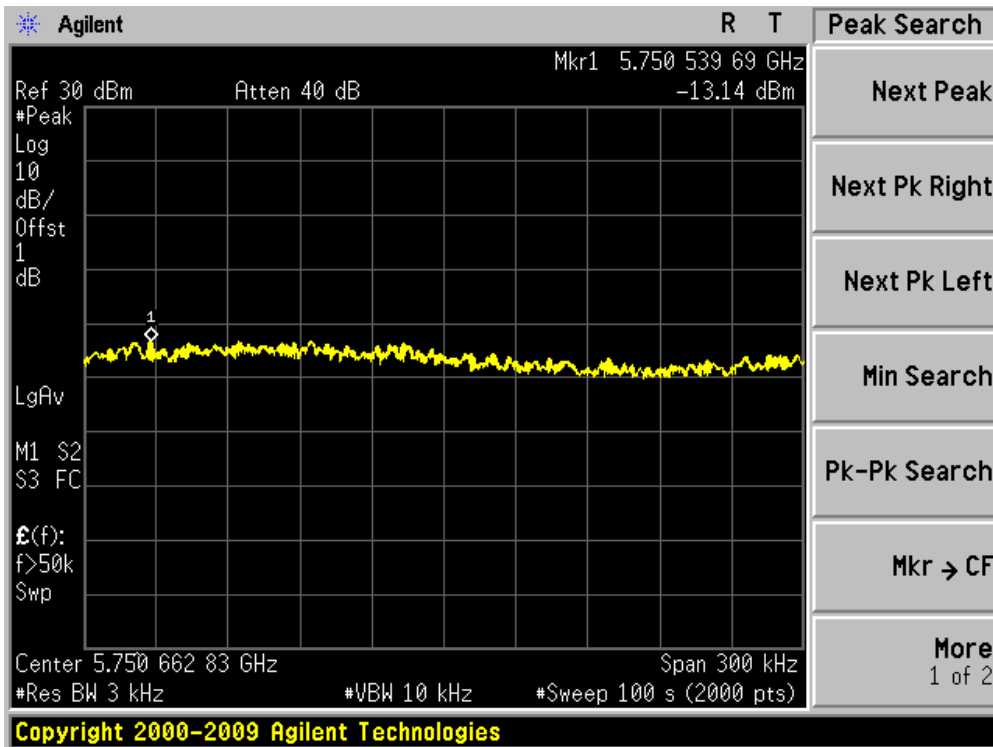
Channel 06 (2437MHz) – Chain 1



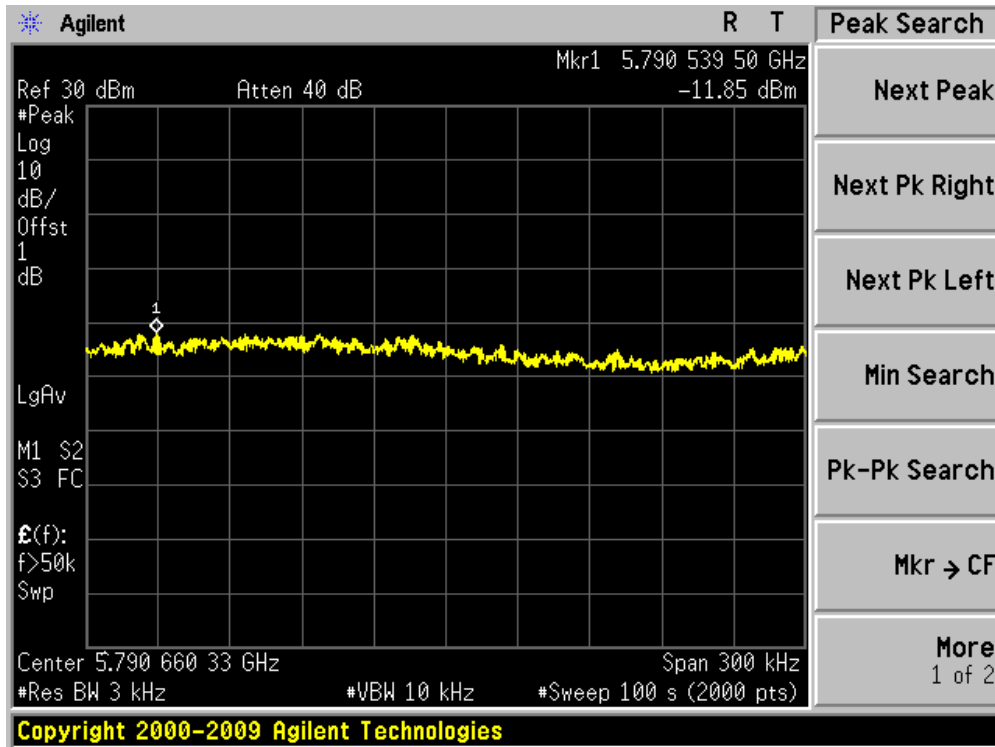
Channel 09 (2452MHz) – Chain 1



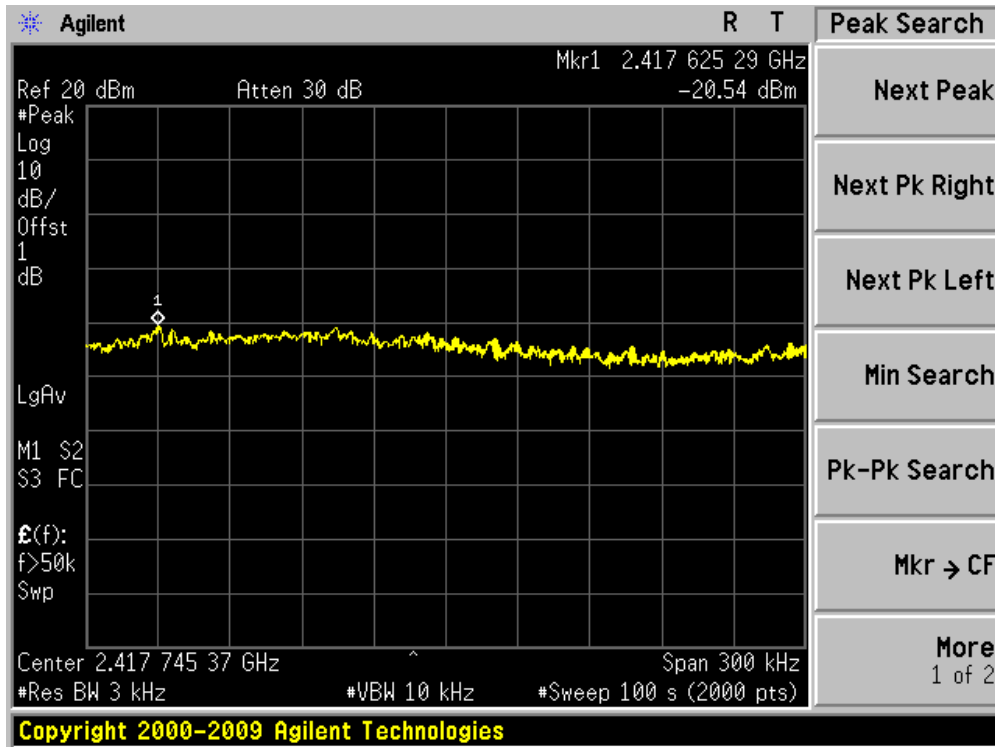
Channel 151 (5755MHz) – Chain 1



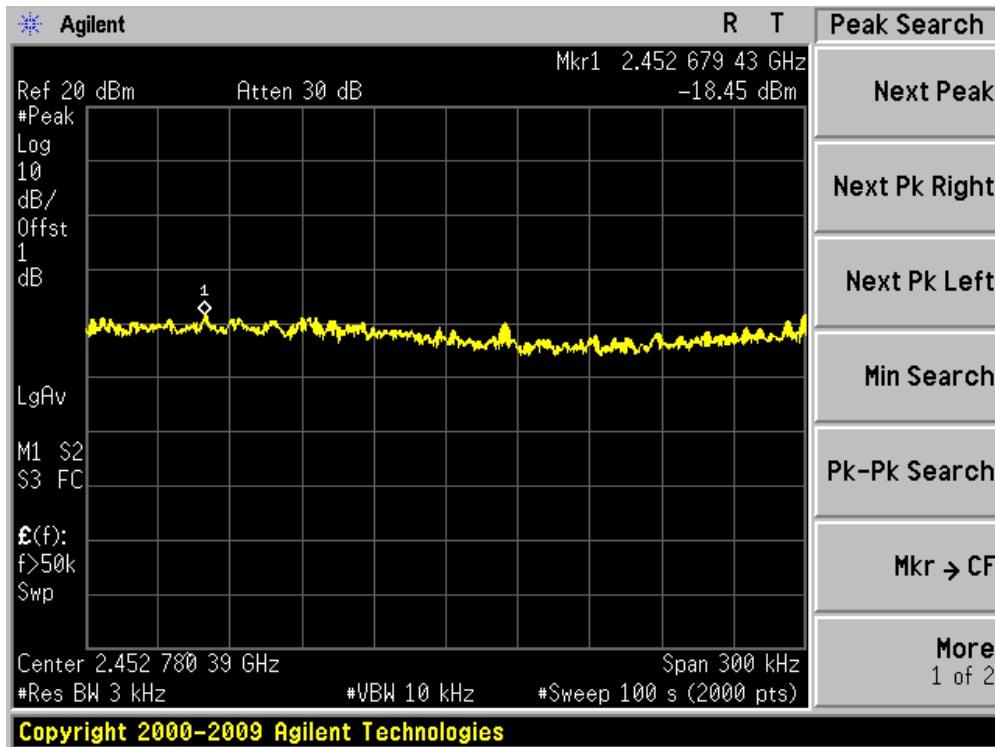
Channel 159 (5795MHz) – Chain 1



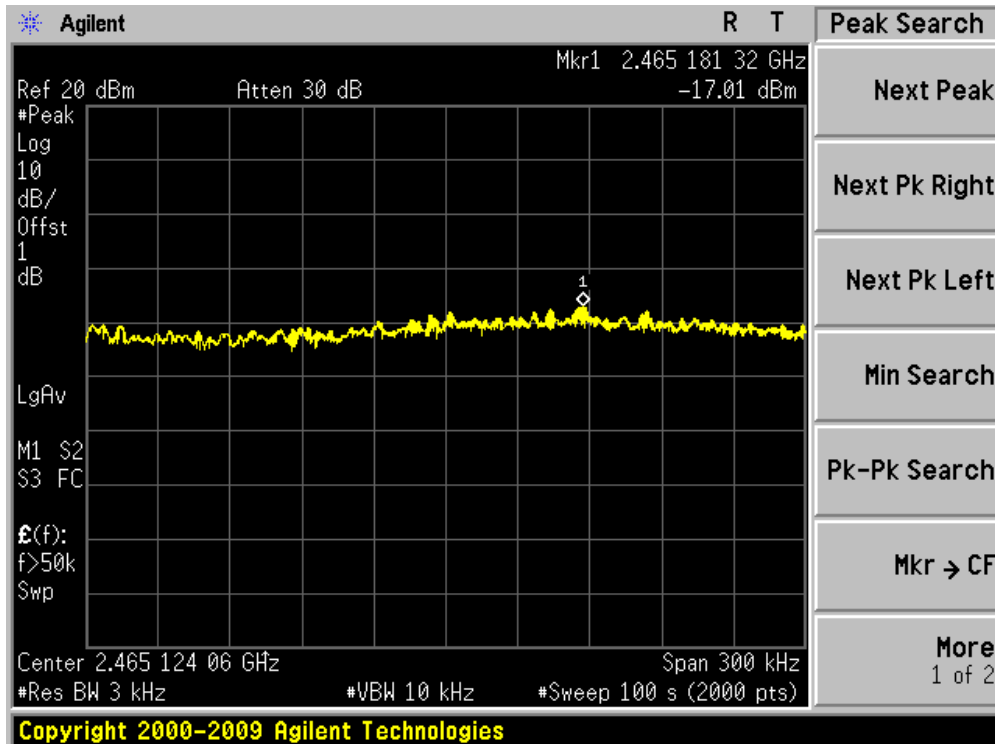
Channel 03 (2422MHz) – Chain 2



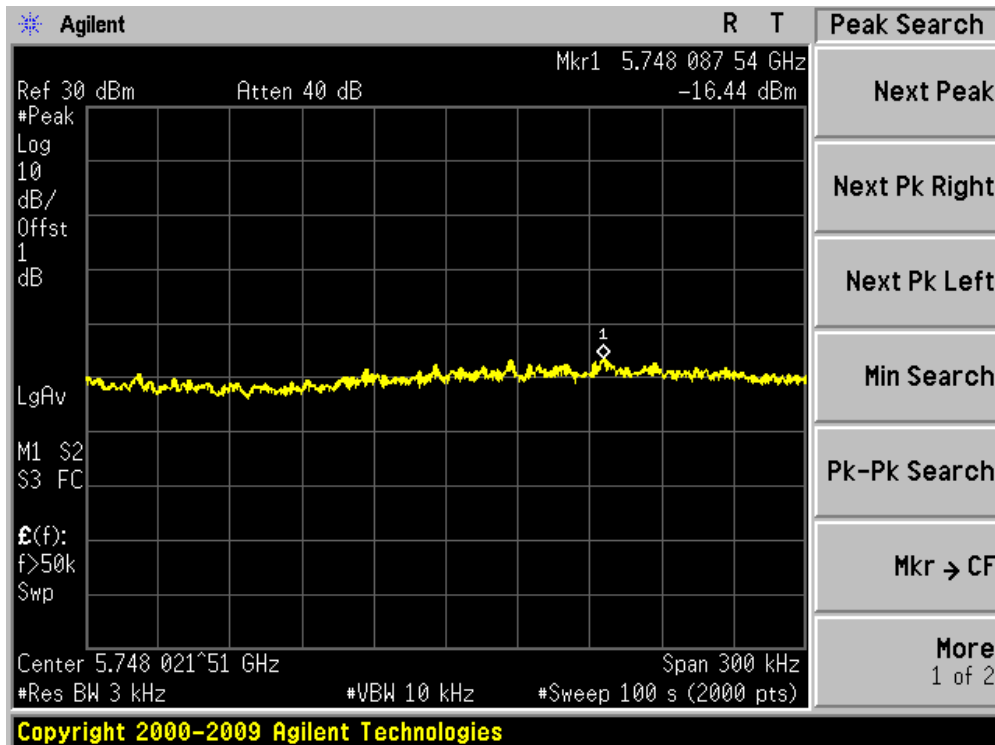
Channel 06 (2437MHz) – Chain 2



Channel 09 (2452MHz) – Chain 2



Channel 151 (5755MHz) – Chain 2



Channel 159 (5795MHz) – Chain 2

