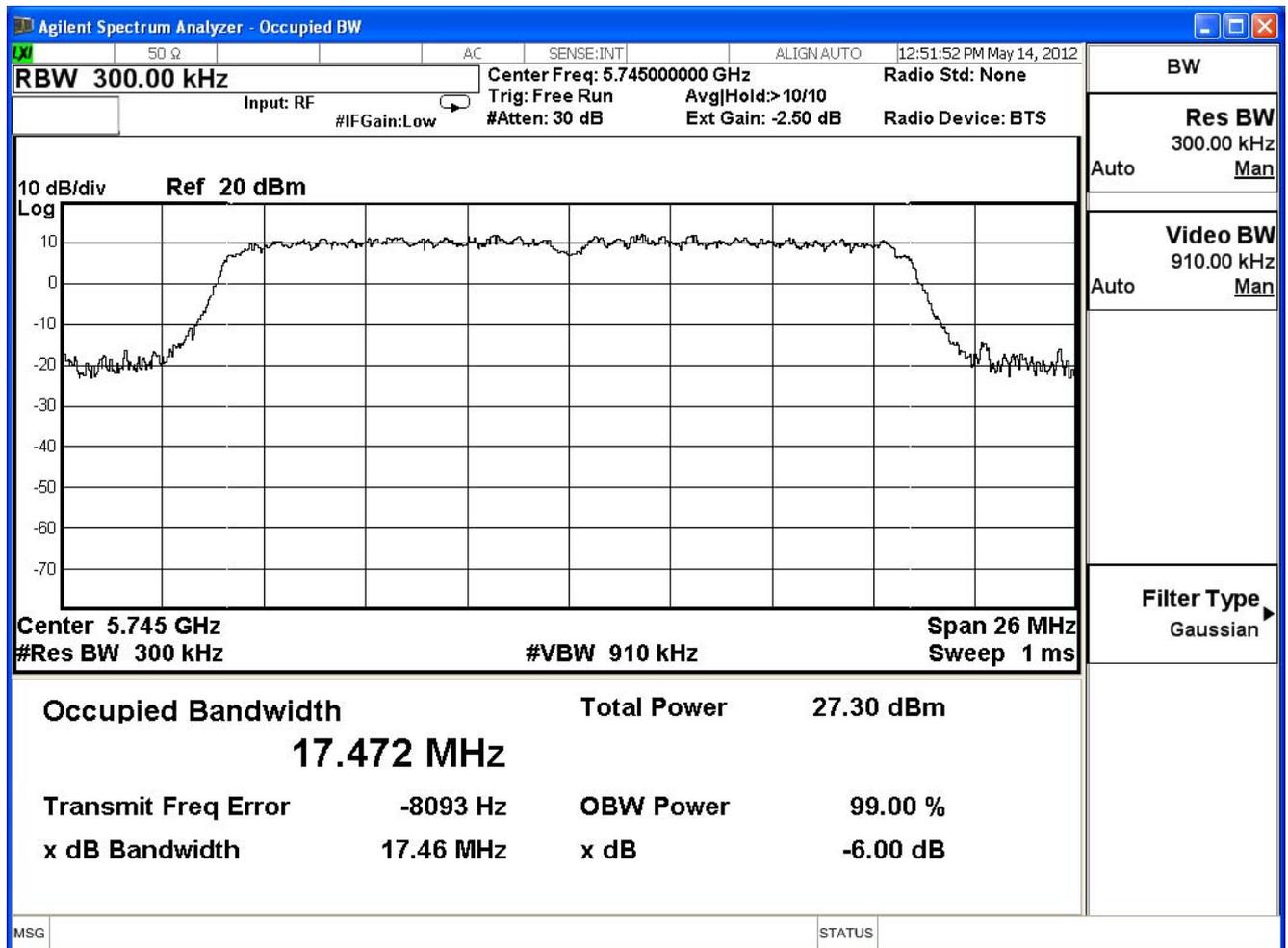


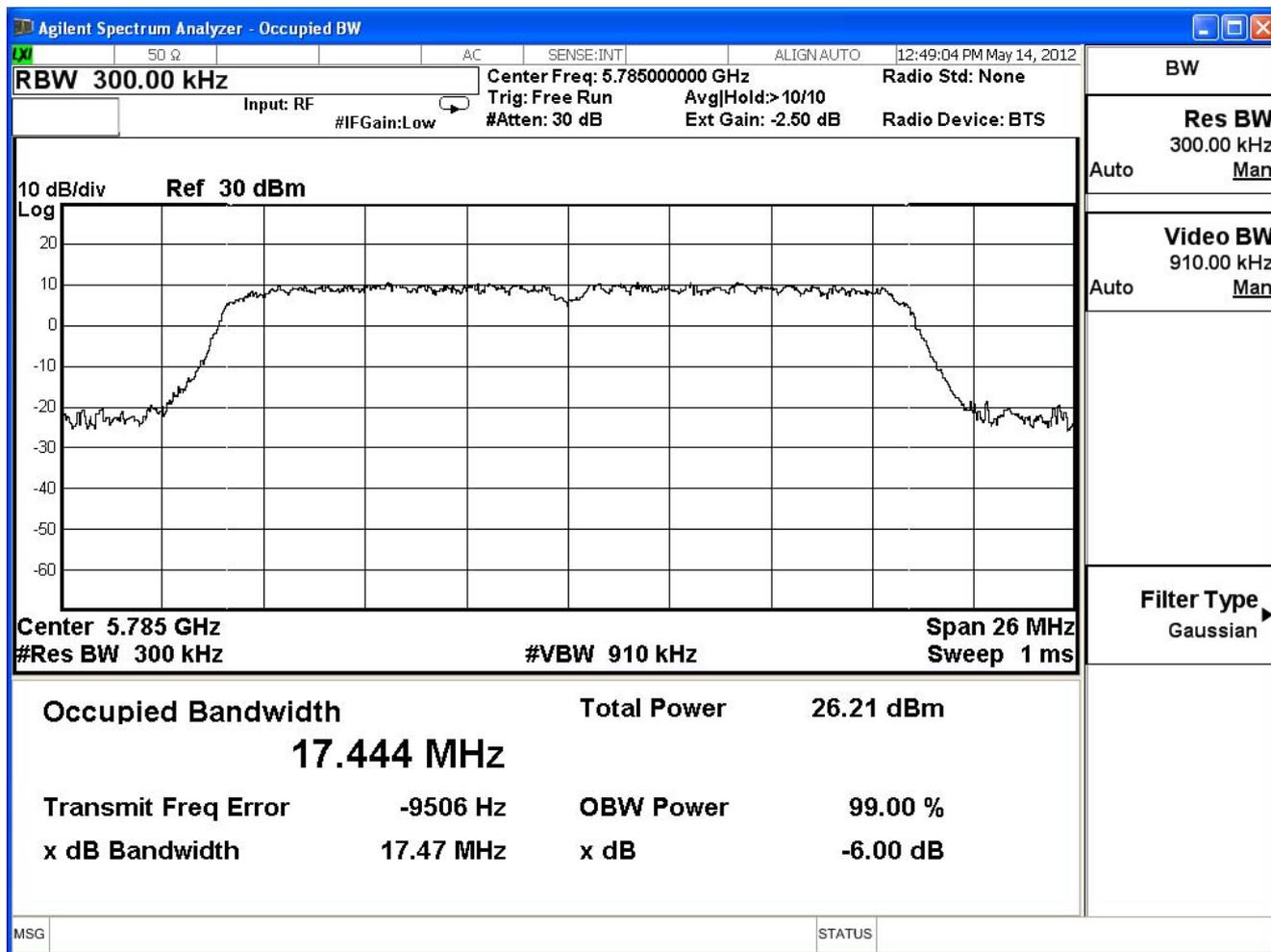
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
149	5745	17.46	≥ 0.5	Pass
157	5785	17.47	≥ 0.5	Pass
165	5825	17.49	≥ 0.5	Pass

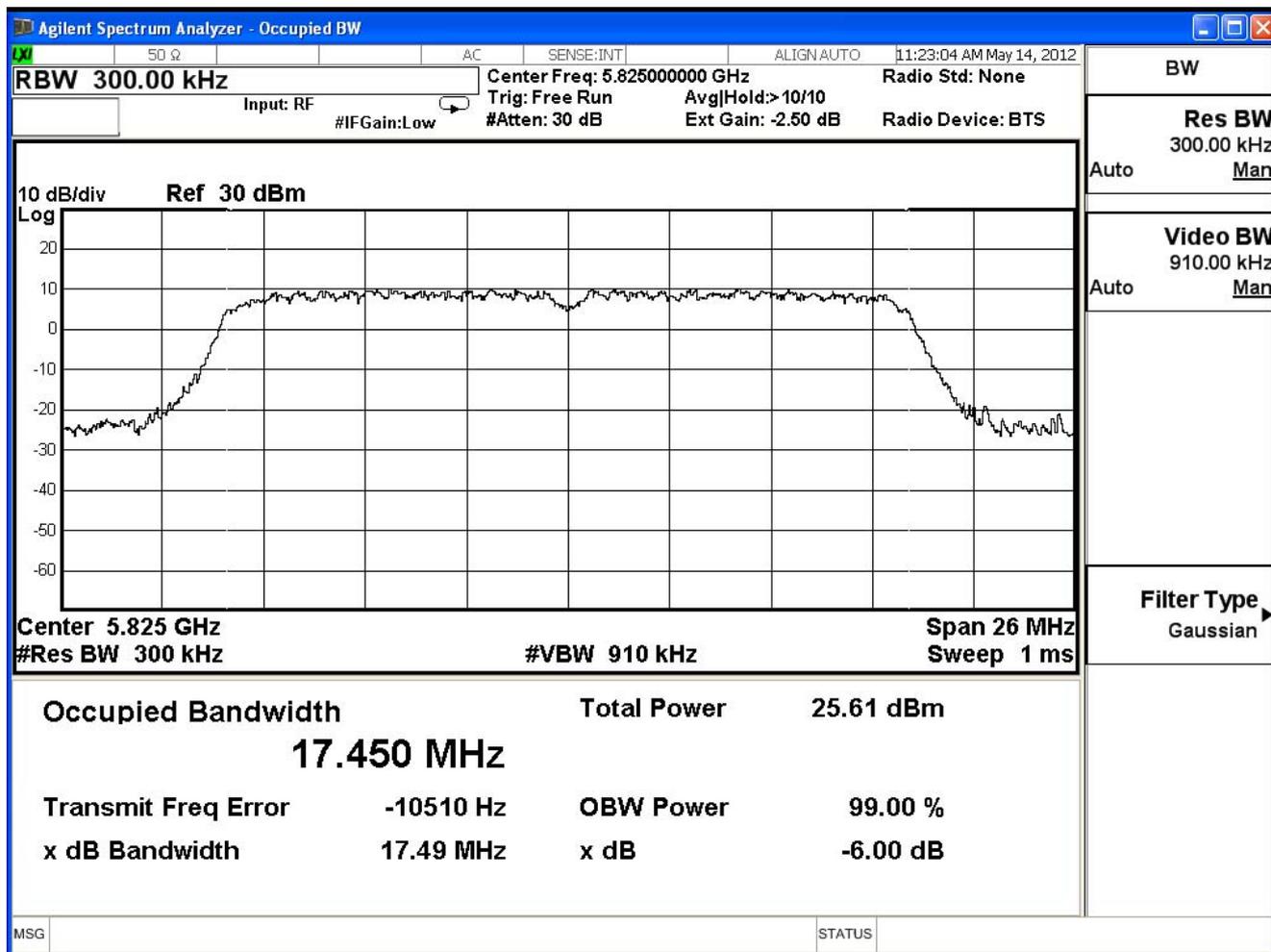
### Channel 149



Channel 157



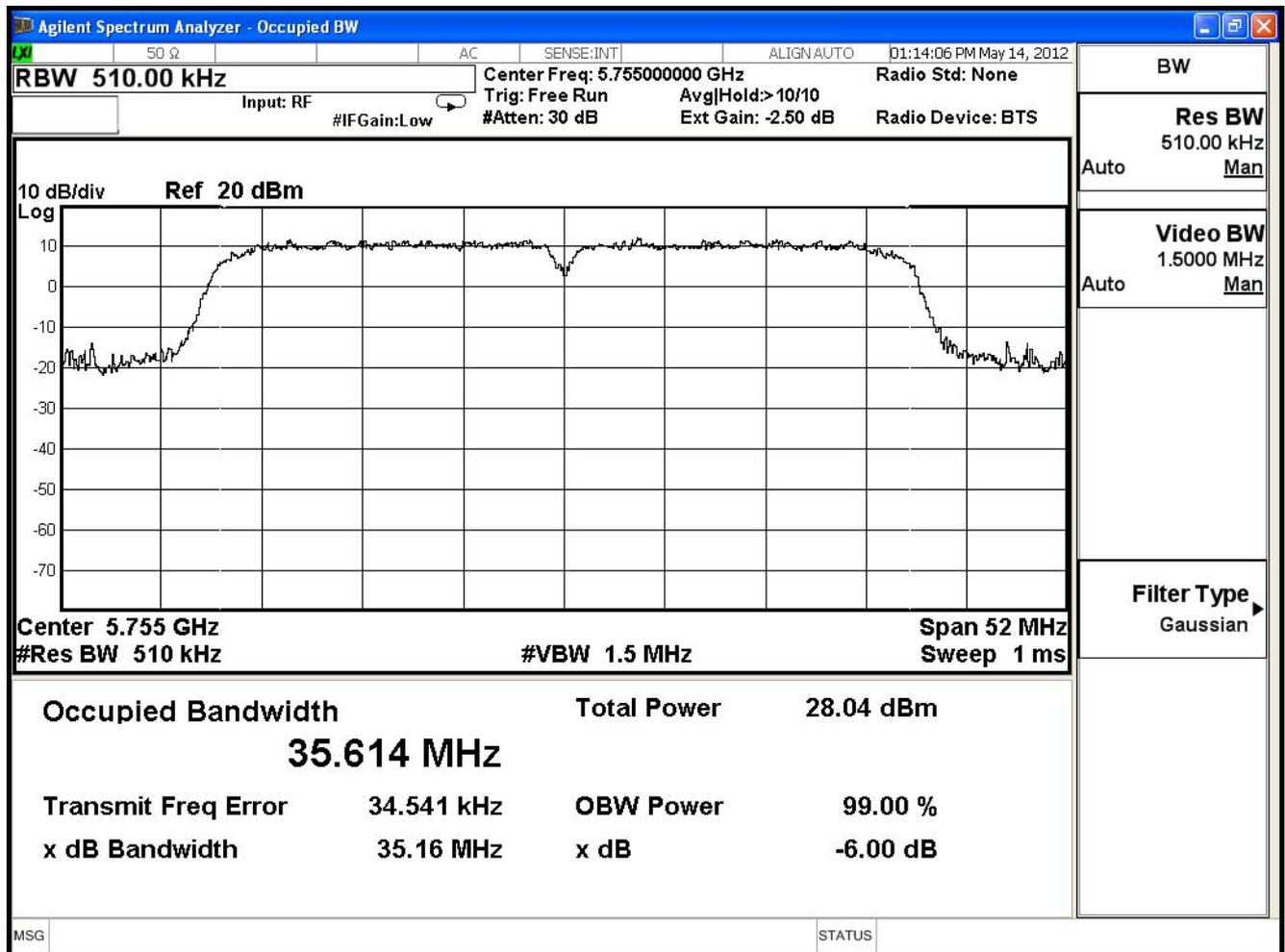
## Channel 165



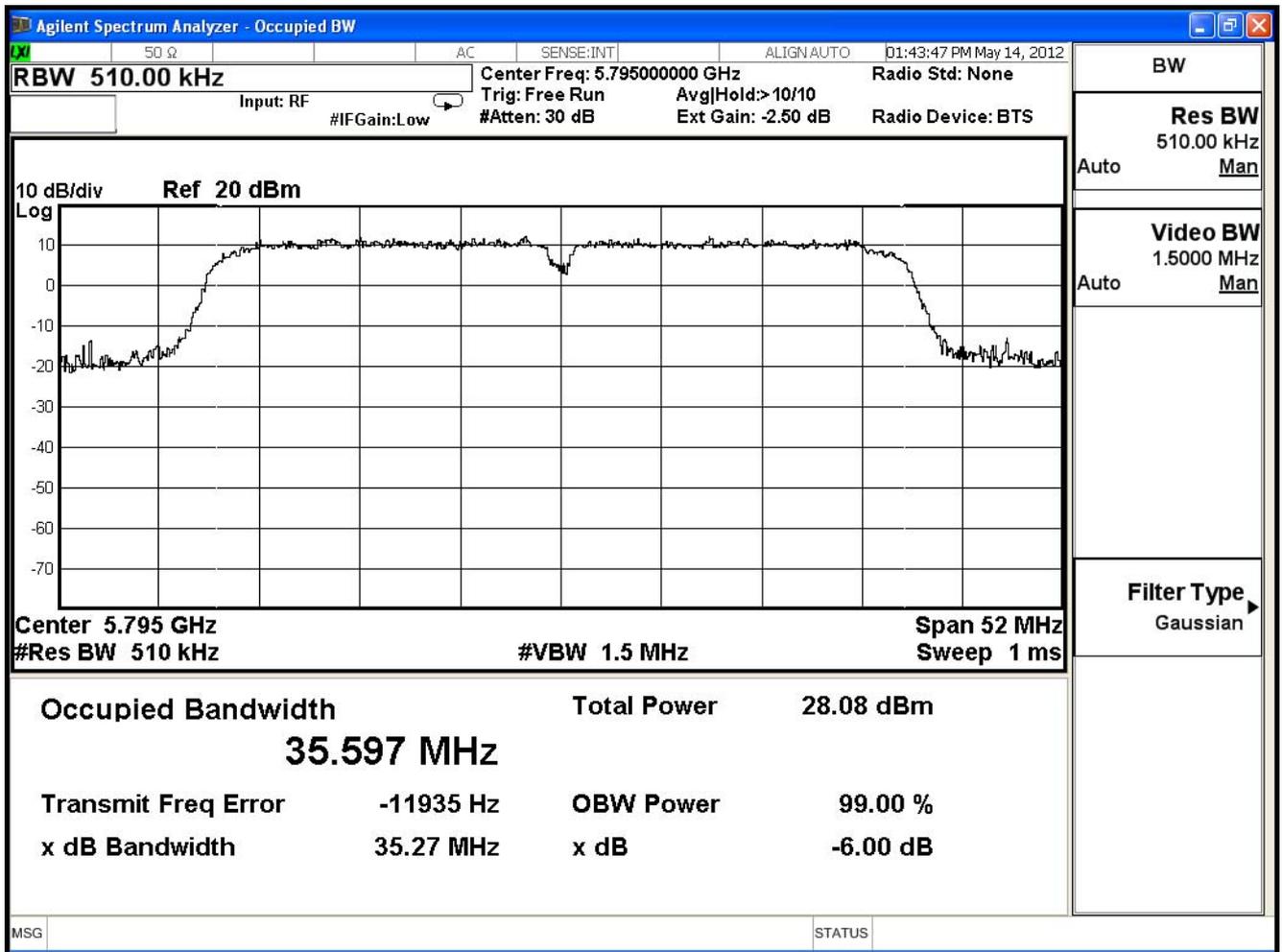
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
151	5755	35.16	$\geq 0.5$	Pass
159	5795	35.27	$\geq 0.5$	Pass

### Channel 151



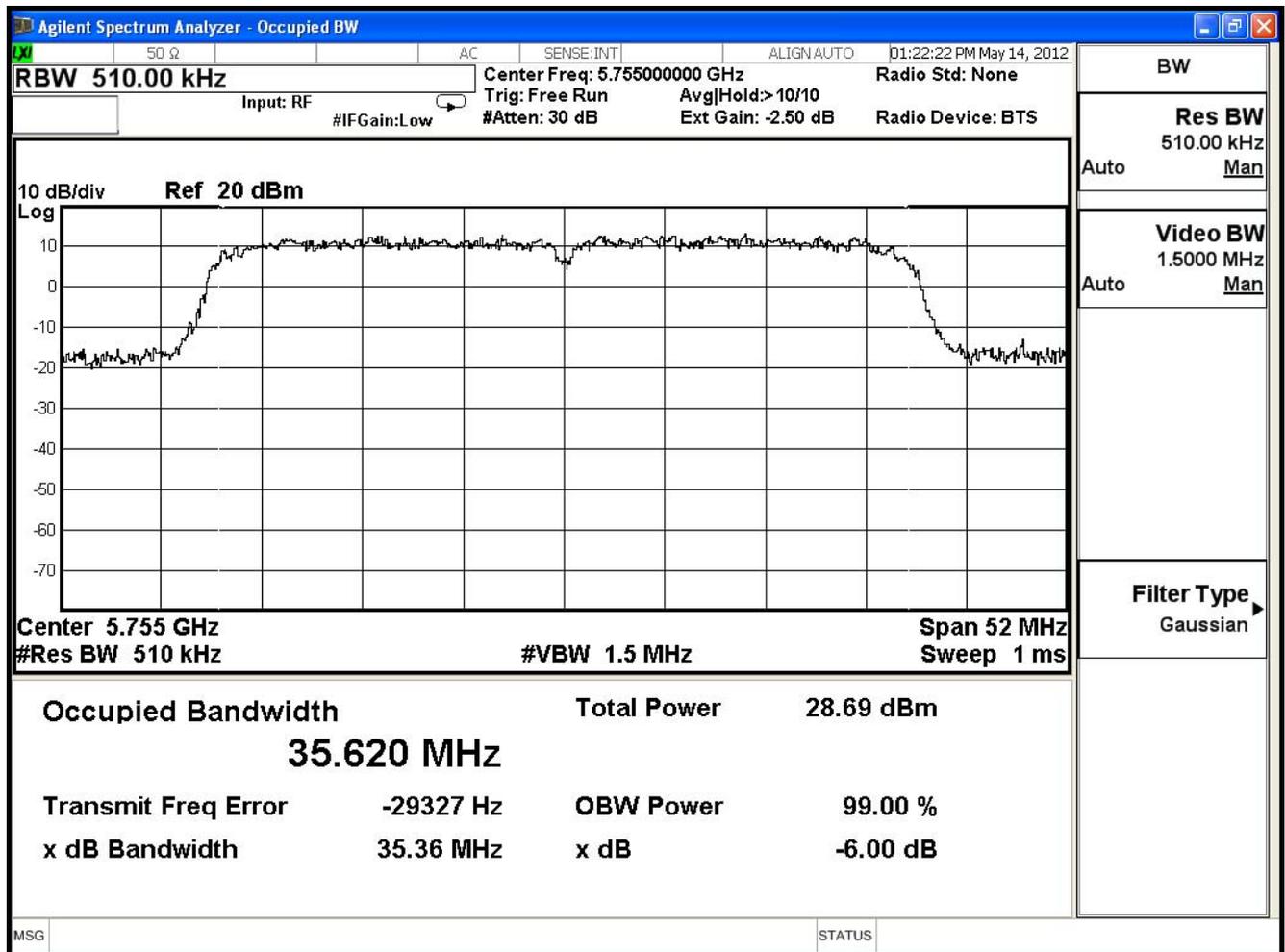
Channel 159



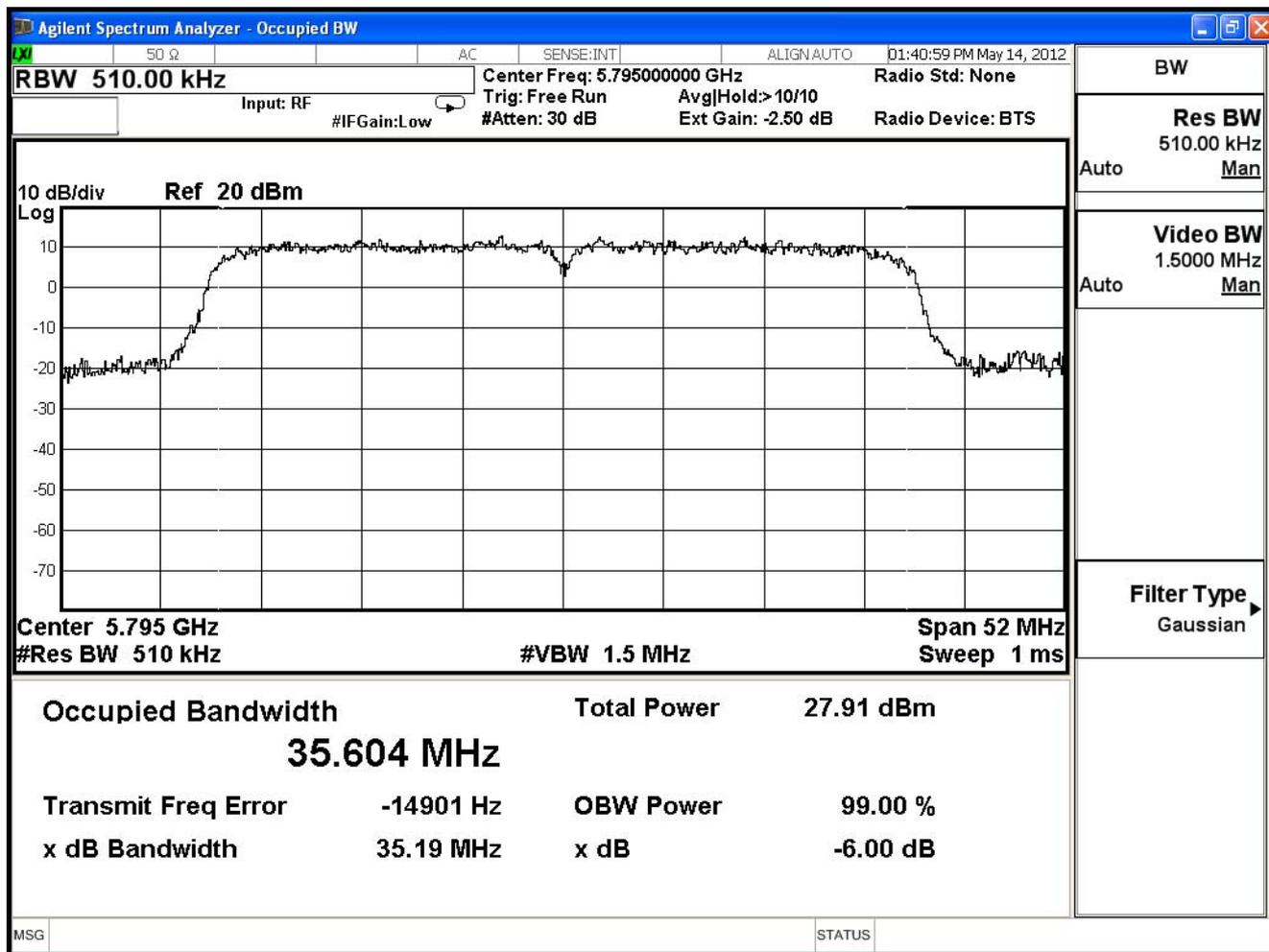
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
151	5755	35.36	$\geq 0.5$	Pass
159	5795	35.19	$\geq 0.5$	Pass

### Channel 151



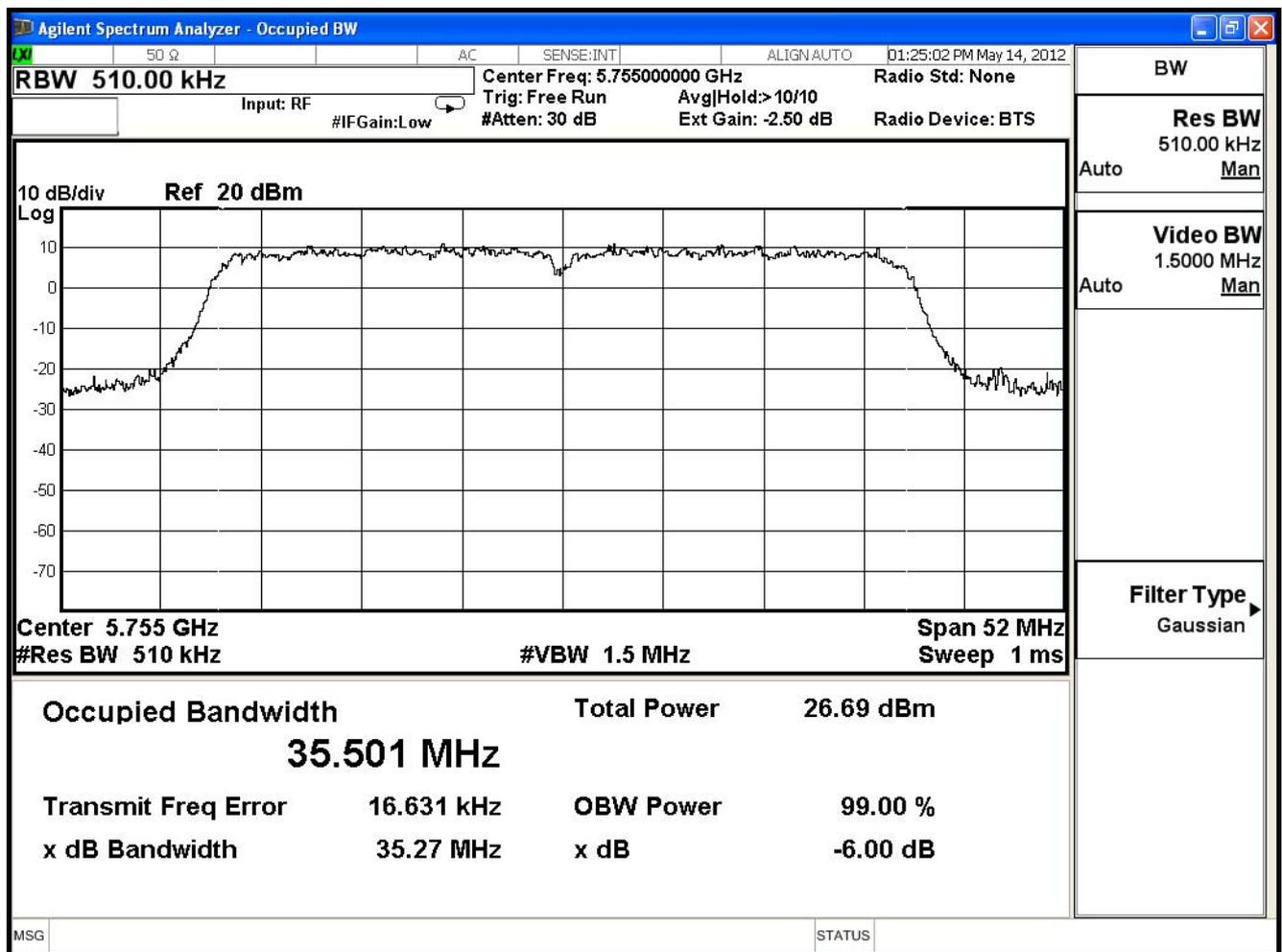
## Channel 159



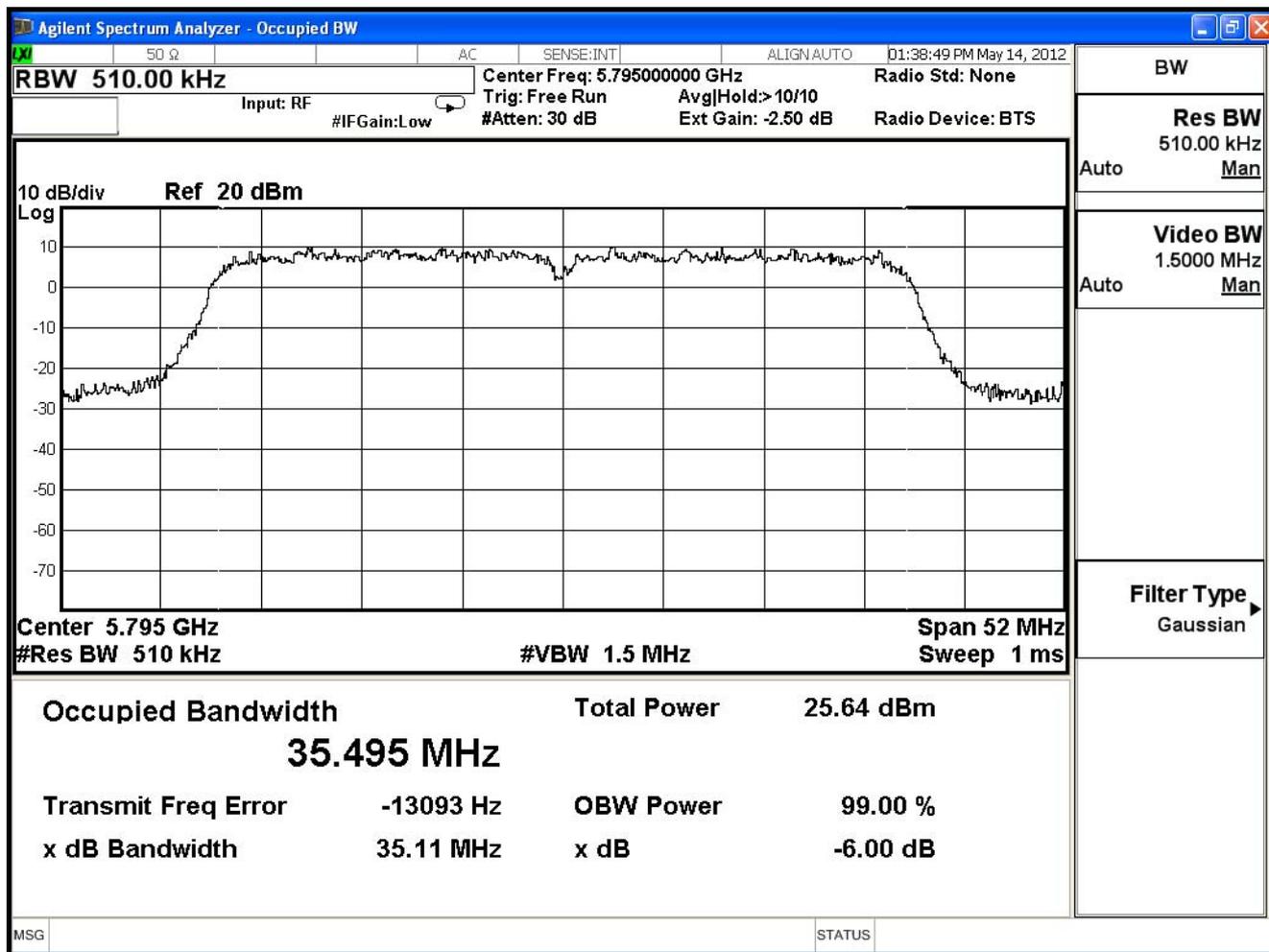
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
151	5755	35.27	$\geq 0.5$	Pass
159	5795	35.11	$\geq 0.5$	Pass

### Channel 151



## Channel 159



**8. Power Density**

**8.1. Test Equipment**

The following test equipment is used during the test:

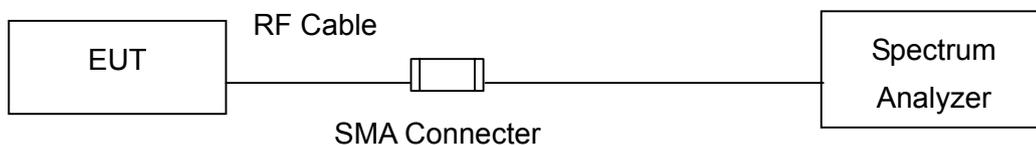
**Power Density / SR7**

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2013/02/19

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

**8.2. Test Setup**

IEEE 802.11 b / g / a / n ( 20M / 40M ) MODE



**8.3. Limits**

The peak 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.

**8.4. Test Procedures**

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure of Jan. 2012 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW= 100 kHz, Set VBW= 300 kHz, Sweep time=Auto, Set detector=Peak detector

**8.5. Test Specification**

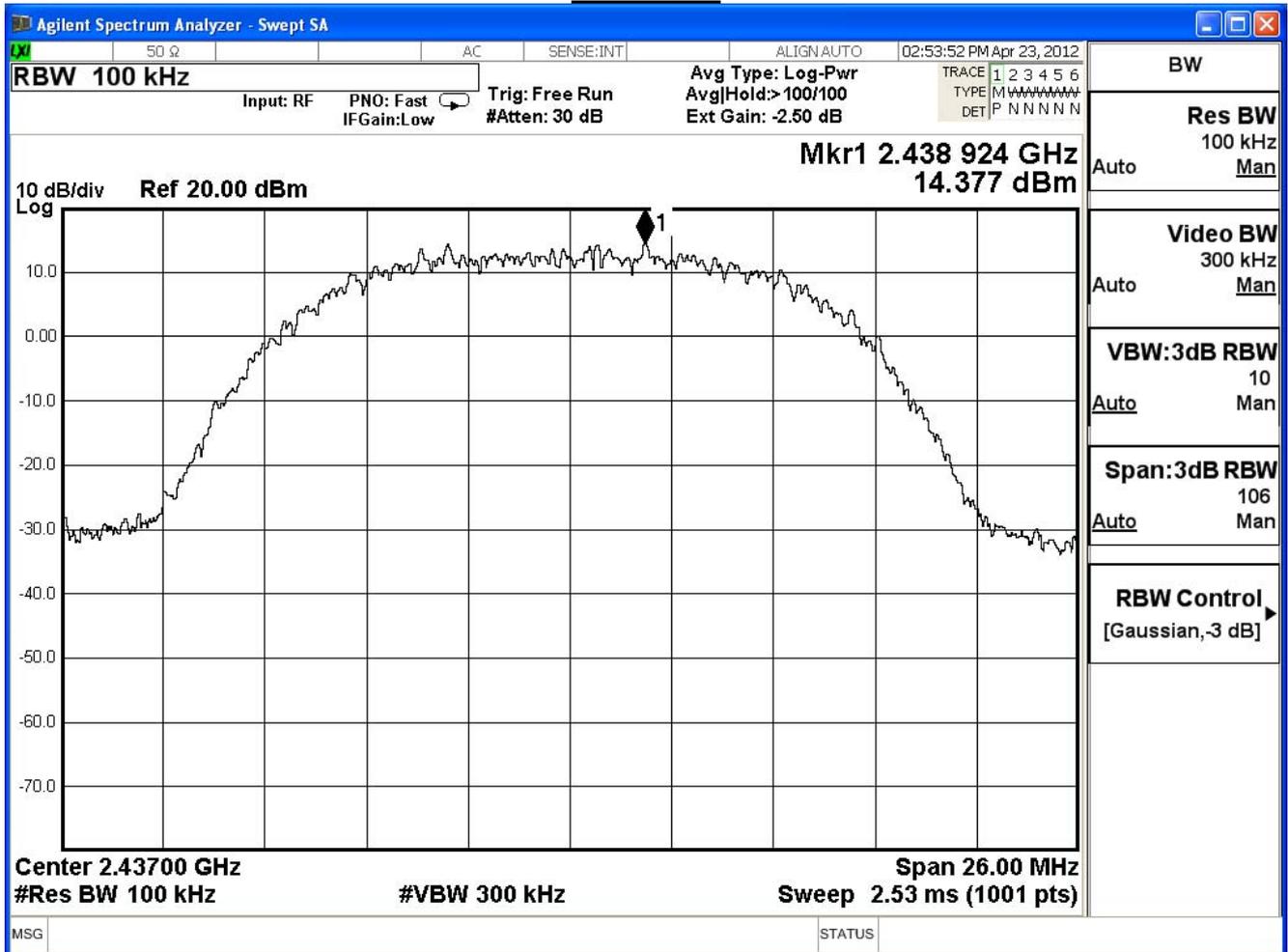
According to FCC Part 15 Subpart C Paragraph 15.247: 2011

**8.6. Uncertainty**

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



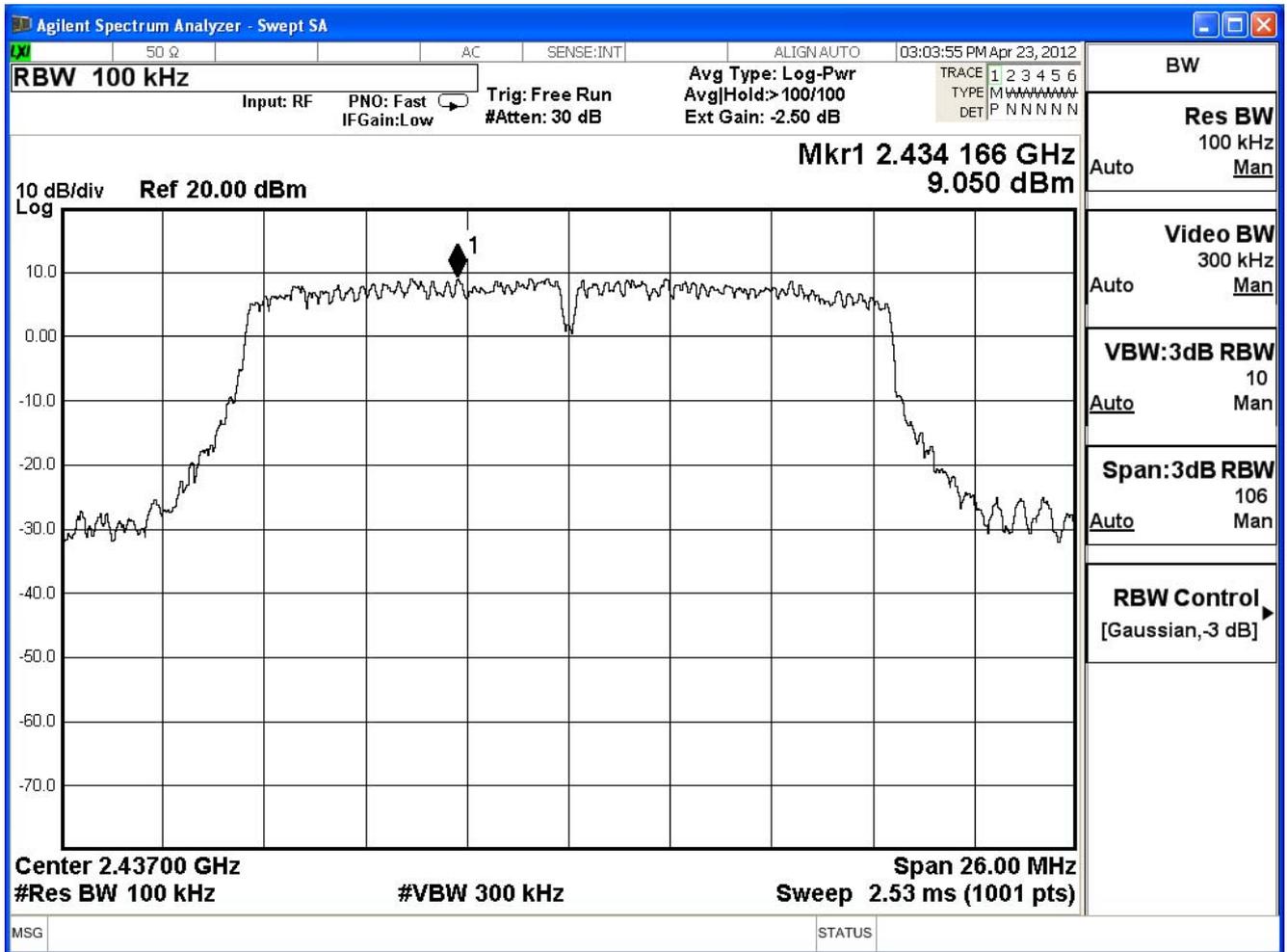
Channel 6







**Channel 6**

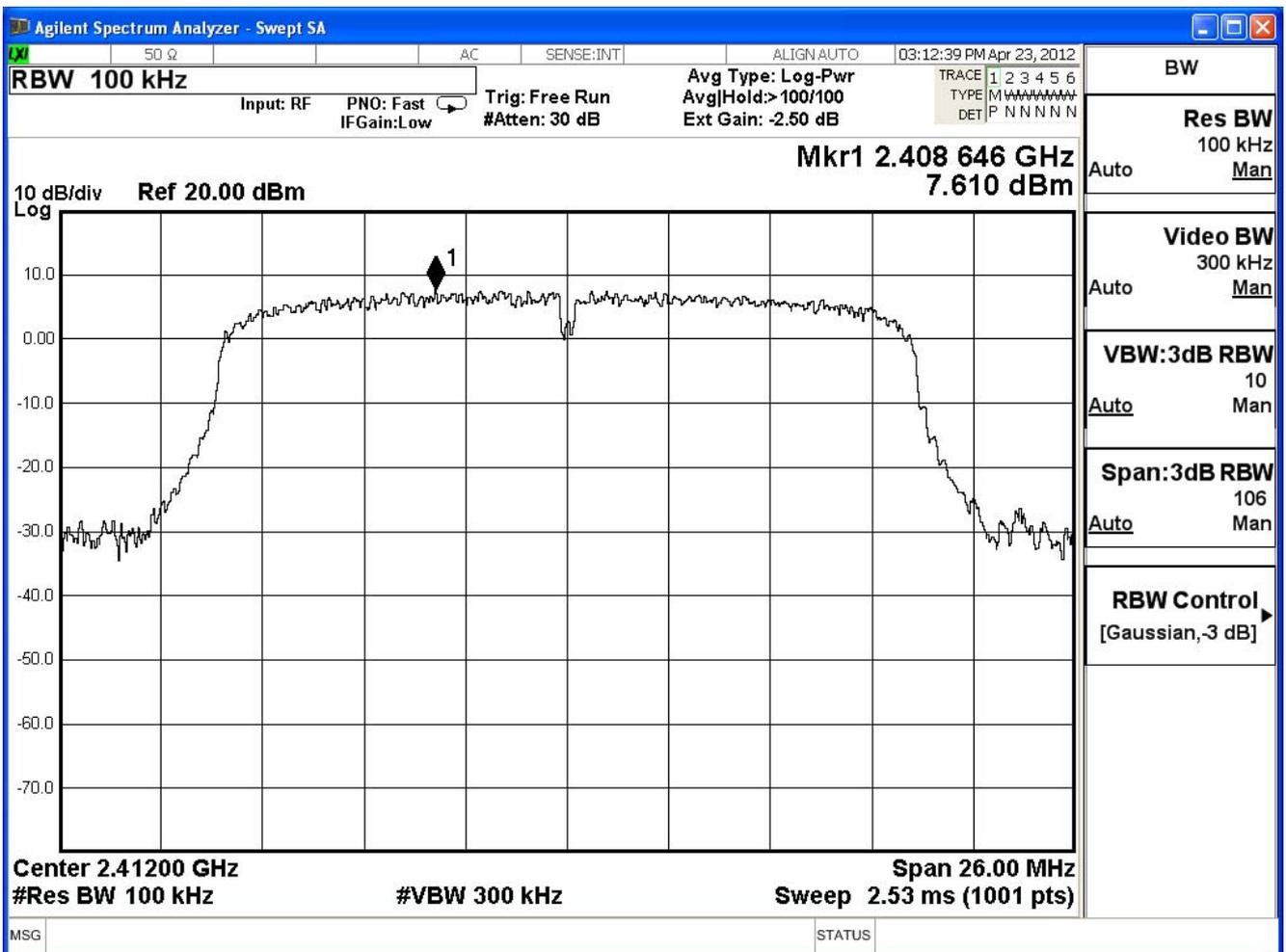




Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE802.11n_20MHz_(ANT 0)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
1	2412.00	7.610	-7.590	≤ 8	Pass
6	2437.00	8.017	-7.183	≤ 8	Pass
11	2462.00	7.596	-7.604	≤ 8	Pass

### Channel 1



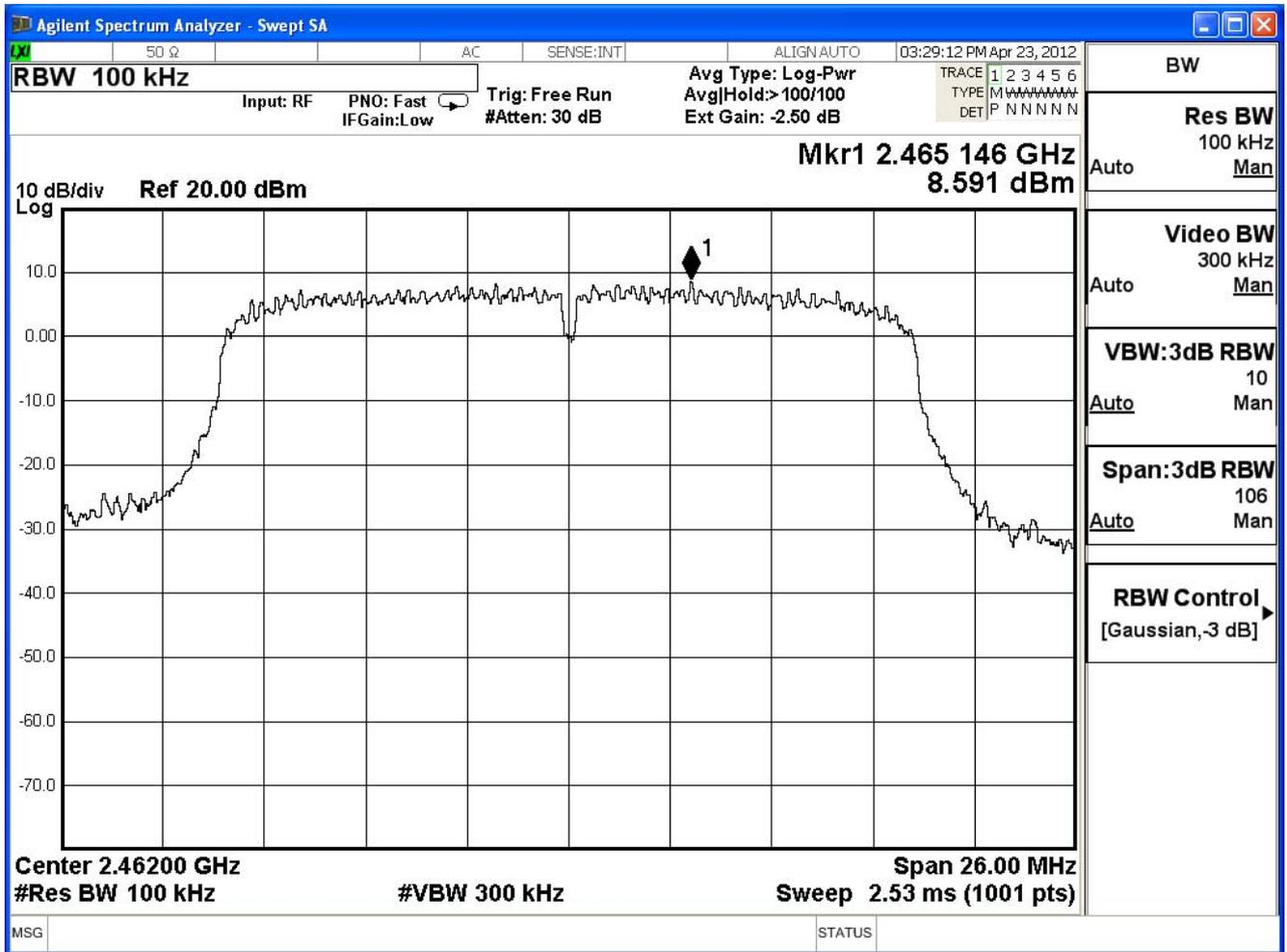








**Channel 11**



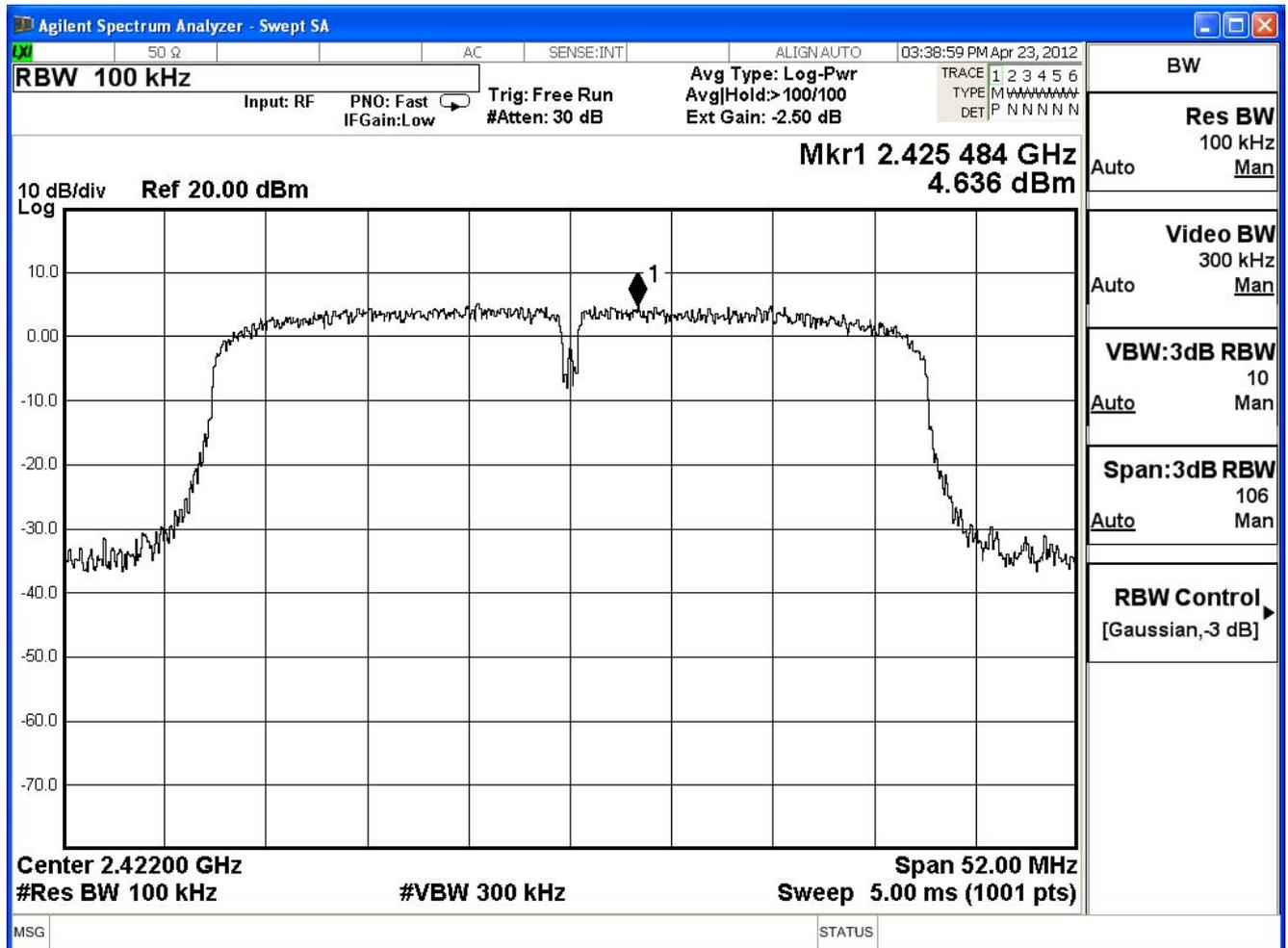
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE802.11n 20MHz (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412.00	1.360	≤ 8	Pass
6	2437.00	1.500	≤ 8	Pass
11	2462.00	1.440	≤ 8	Pass

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

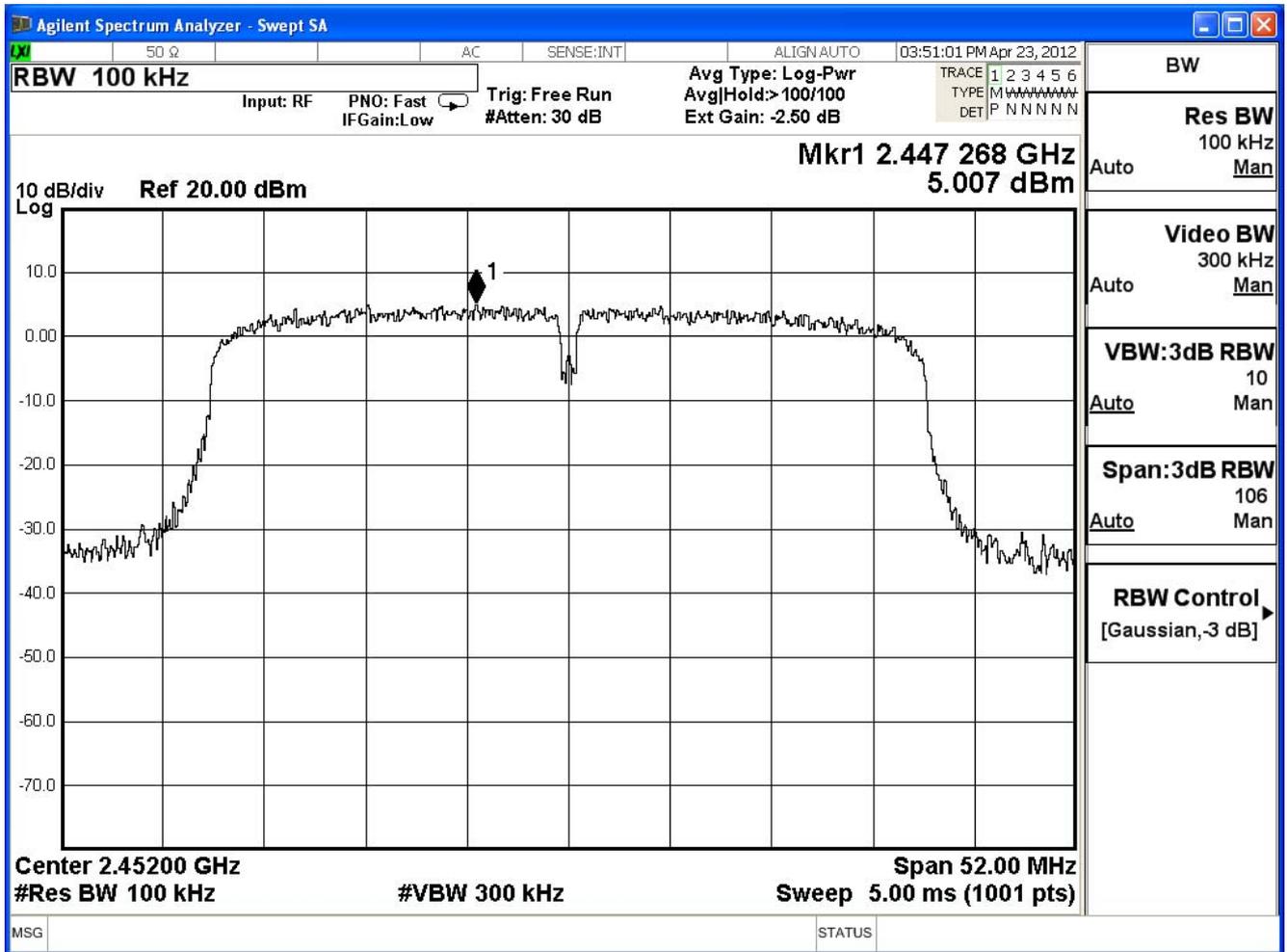
IEEE 802.11n_40MHz (ANT 0)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
3	2422	4.636	-10.564	≤ 8	Pass
6	2437	4.853	-10.347	≤ 8	Pass
9	2452	5.007	-10.193	≤ 8	Pass

### Channel 3





**Channel 9**









Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

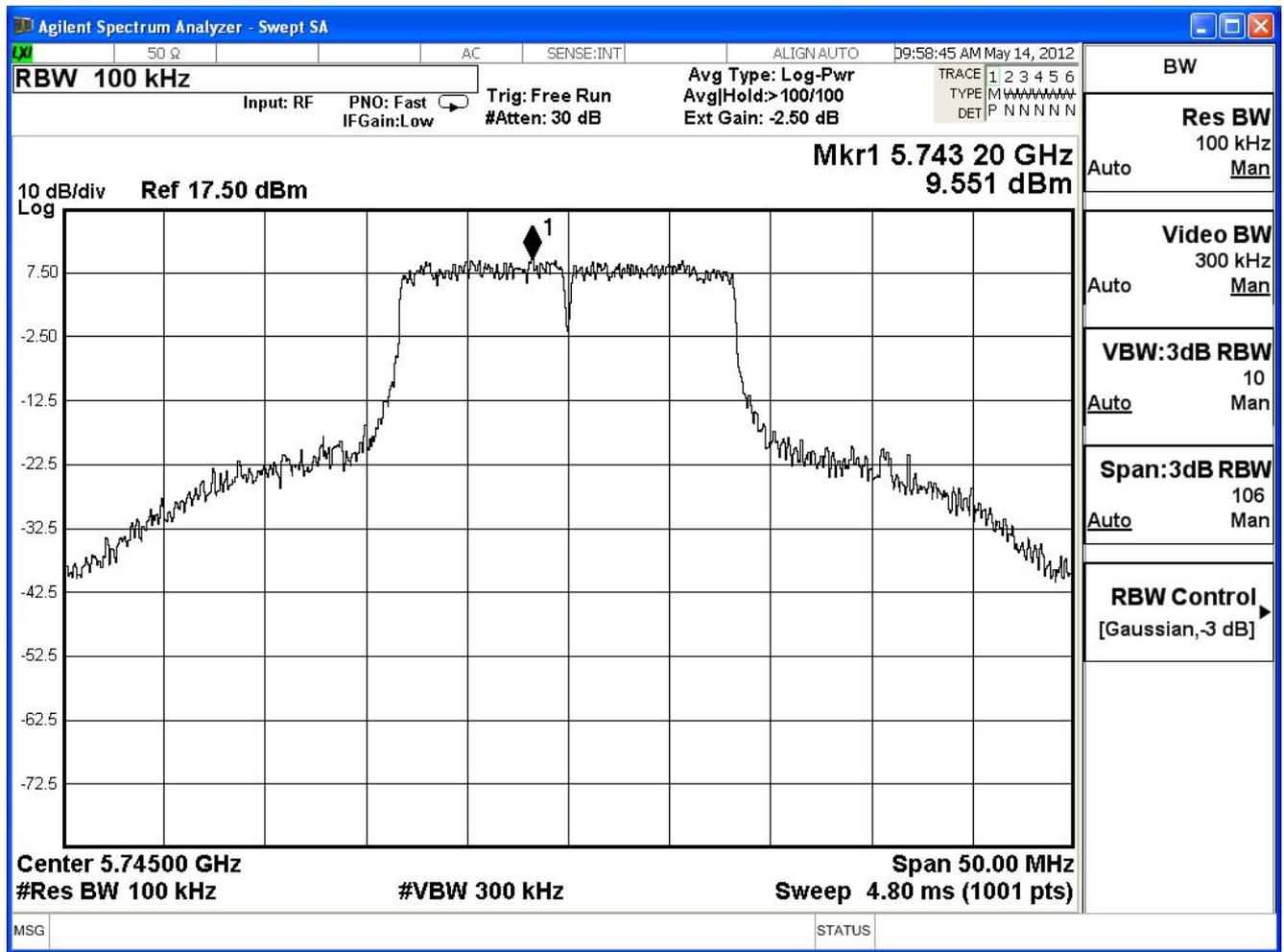
IEEE802.11n 40MHz(ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	0.810	≤ 8	Pass
6	2437	0.790	≤ 8	Pass
9	2452	0.800	≤ 8	Pass

Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE 802.11a					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	9.551	-5.649	≤ 8	Pass
157	5785	9.751	-5.449	≤ 8	Pass
165	5825	9.170	-6.03	≤ 8	Pass

### Channel 149





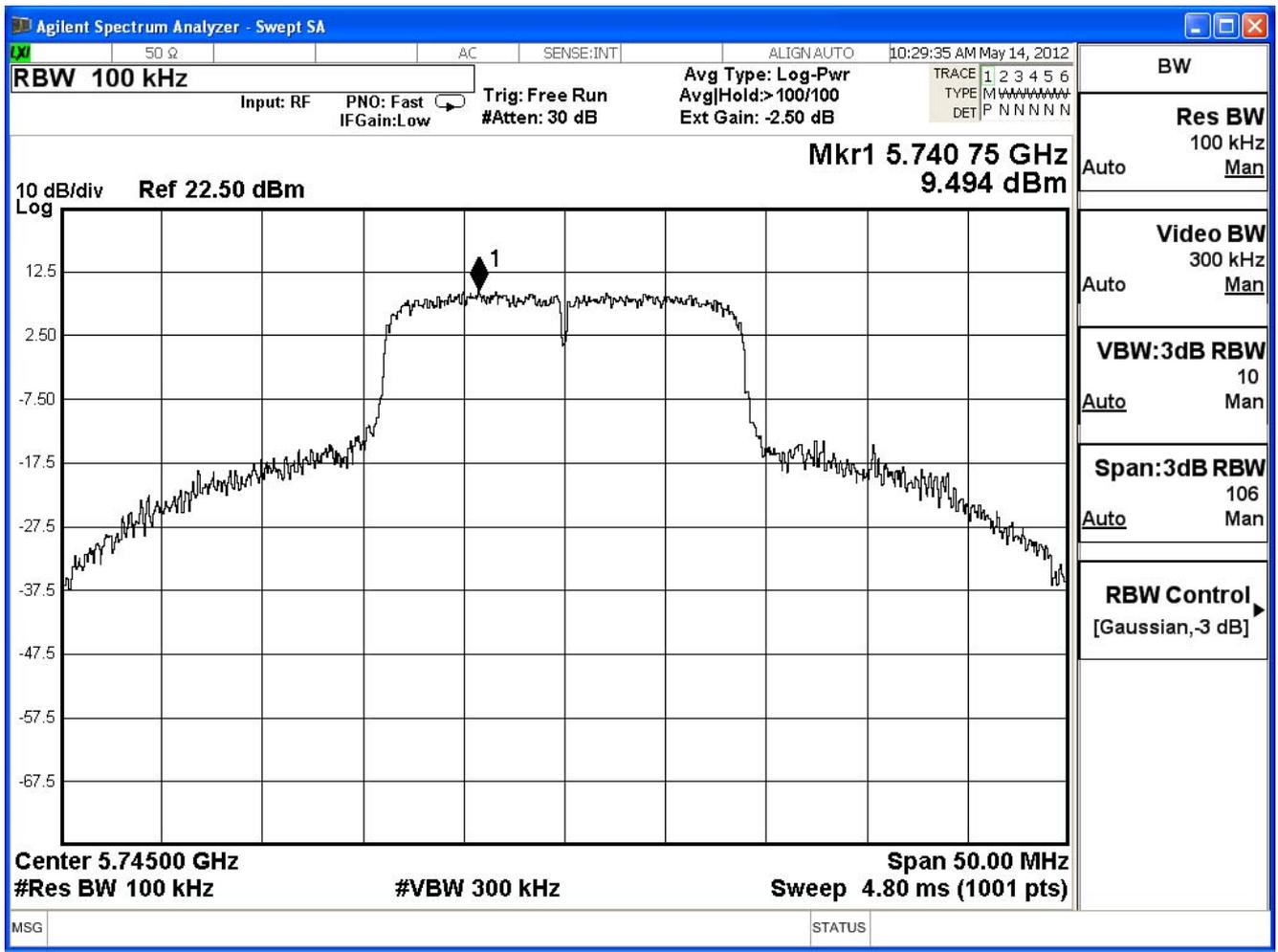


Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE802.11n\_20MHz\_(ANT 0)

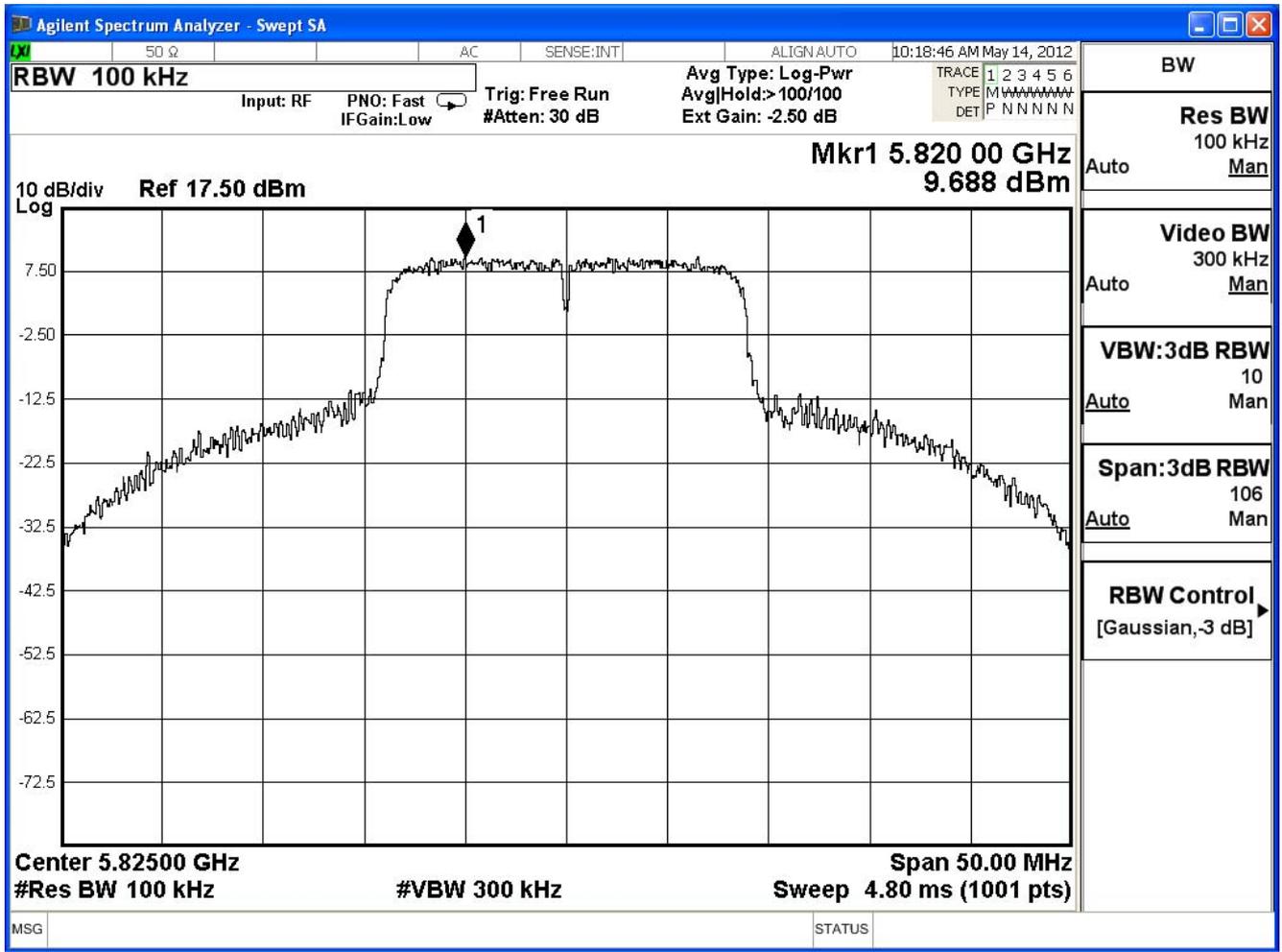
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
149	5745	9.494	-5.706	≤ 8	Pass
157	5785	9.655	-5.545	≤ 8	Pass
165	5825	9.688	-5.512	≤ 8	Pass

### Channel 149





**Channel 165**

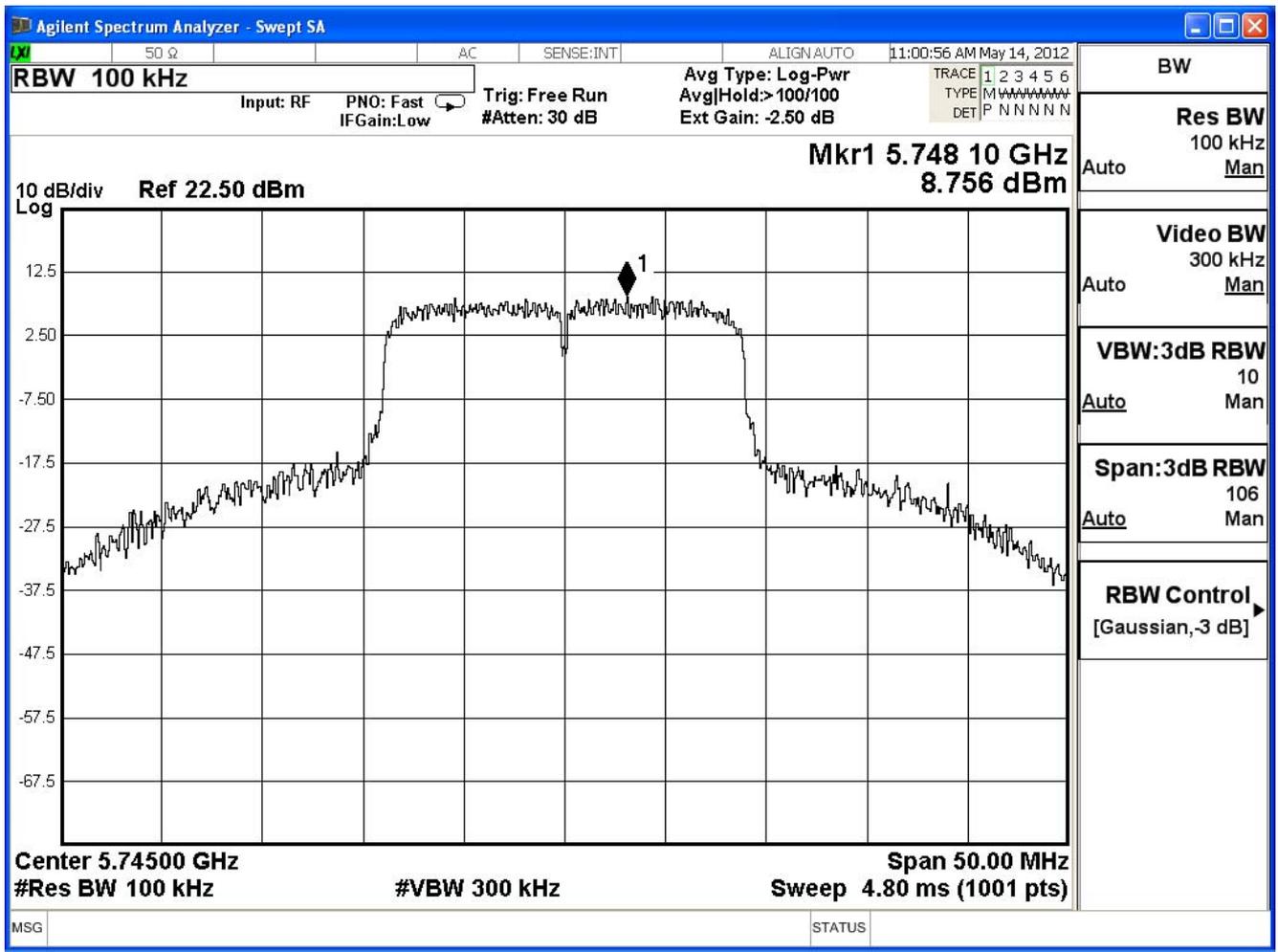


Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE802.11n\_20MHz\_(ANT 1)

Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	8.756	-6.444	≤ 8	Pass
157	5785	8.825	-6.375	≤ 8	Pass
165	5825	8.271	-6.929	≤ 8	Pass

### Channel 149





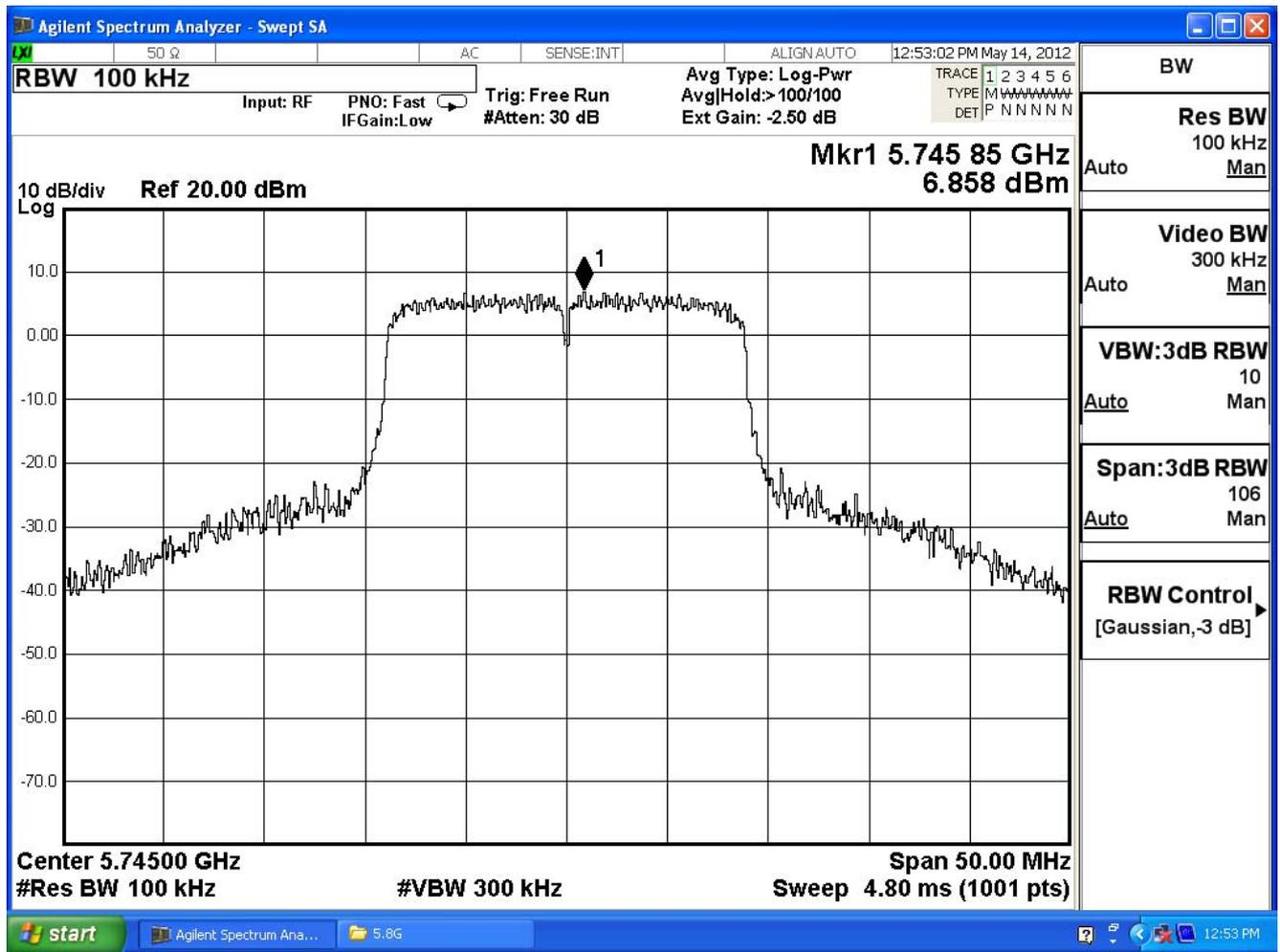


Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE802.11n\_20MHz\_(ANT 2)

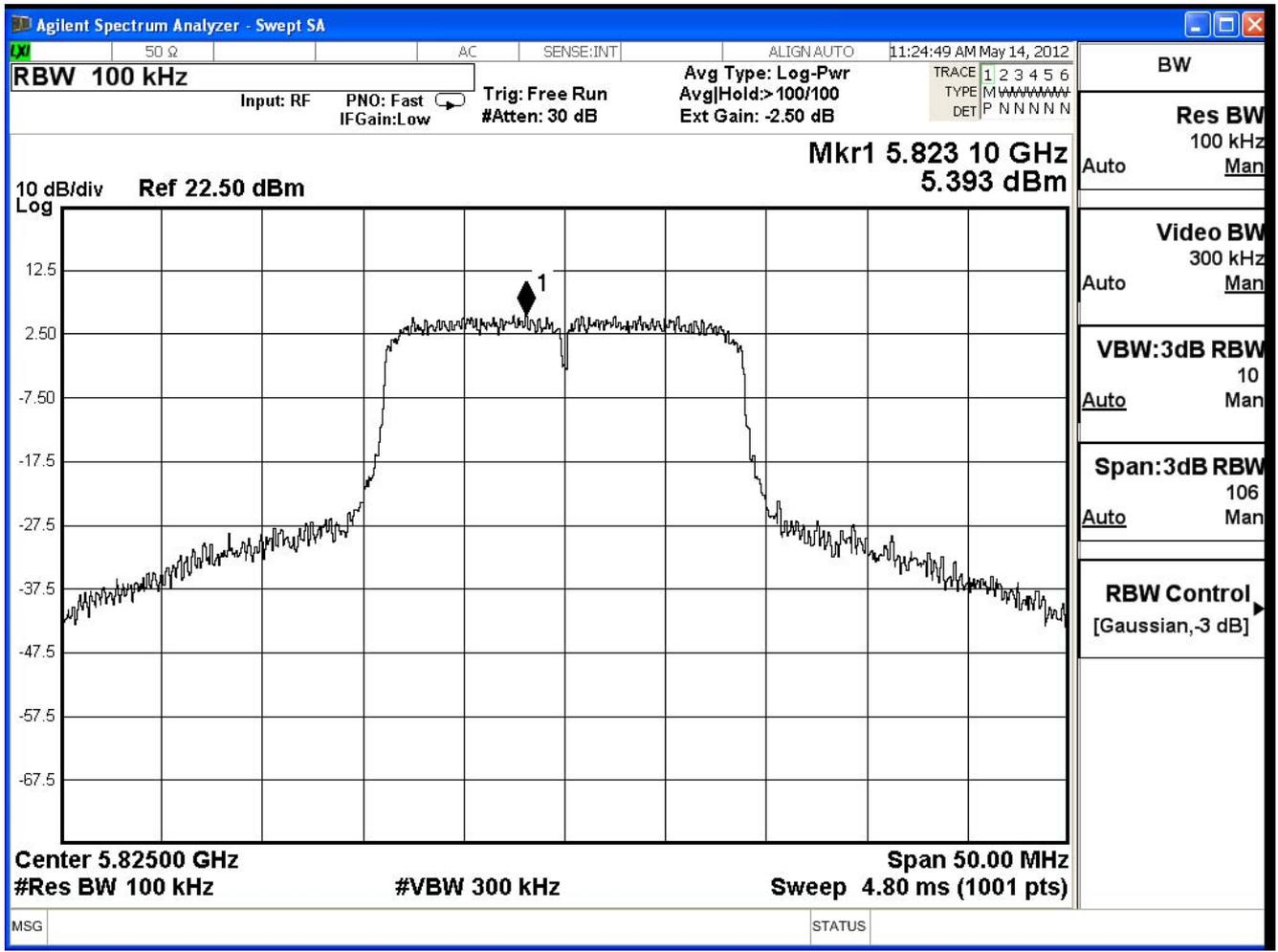
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
149	5745	6.858	-8.342	≤ 8	Pass
157	5785	6.002	-9.198	≤ 8	Pass
165	5825	5.393	-9.807	≤ 8	Pass

### Channel 149





**Channel 165**



Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

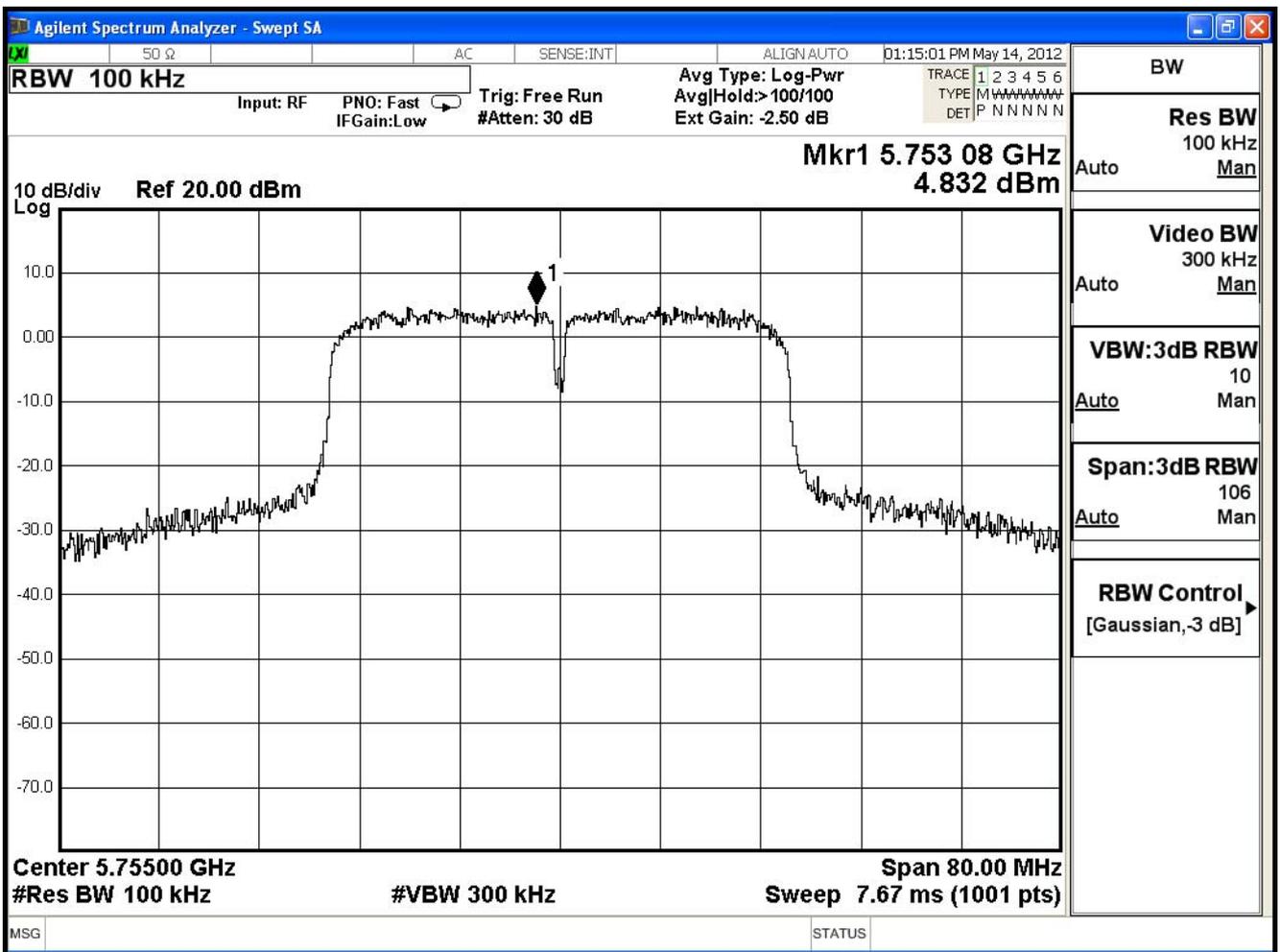
IEEE802.11n 20MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-1.920	$\leq 8$	Pass
157	5785	-2.010	$\leq 8$	Pass
165	5825	-2.300	$\leq 8$	Pass

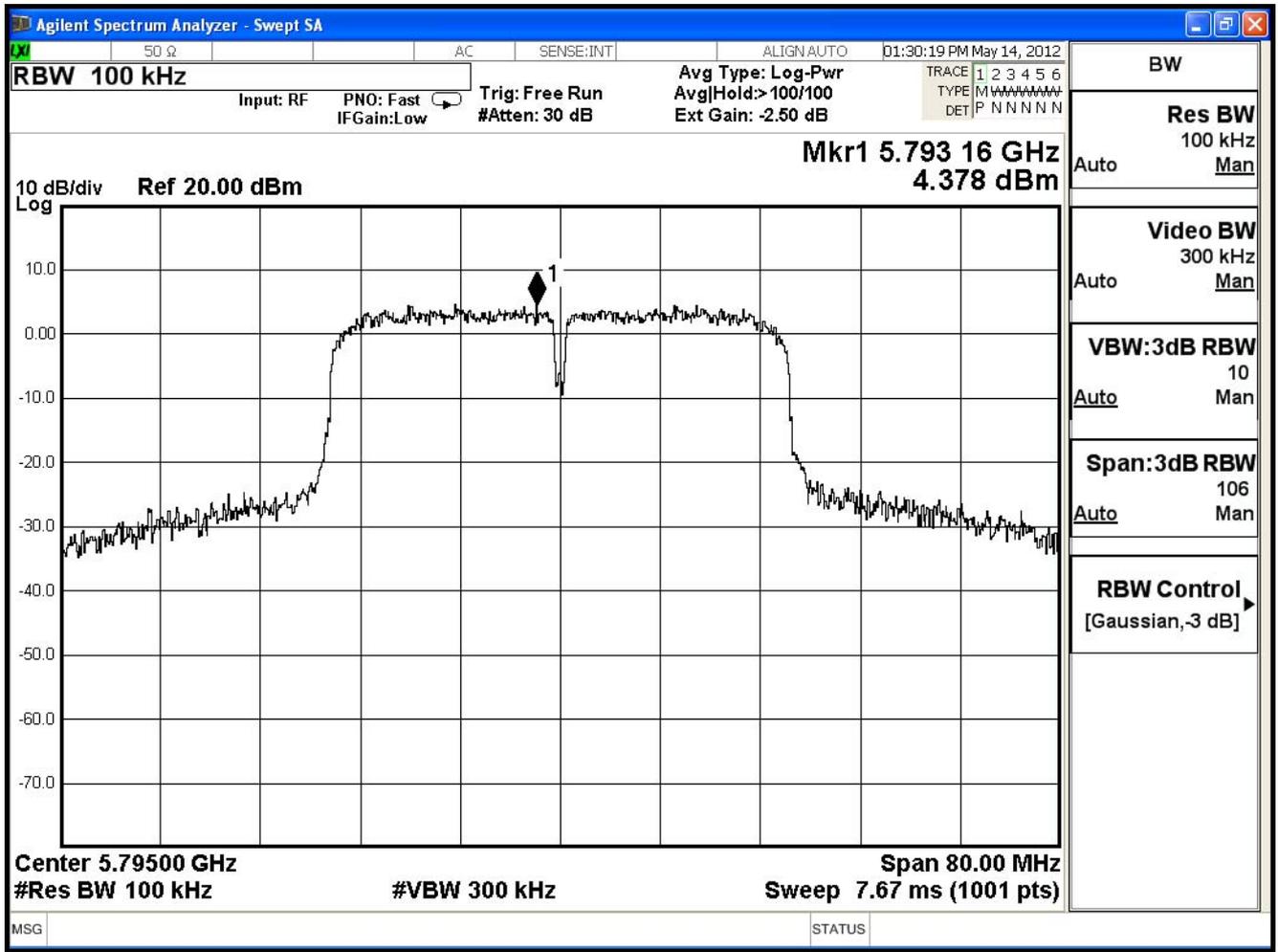
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE 802.11n_40MHz (ANT 0)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
151	5755	4.832	-10.368	≤ 8	Pass
159	5795	4.378	-10.822	≤ 8	Pass

### Channel 151



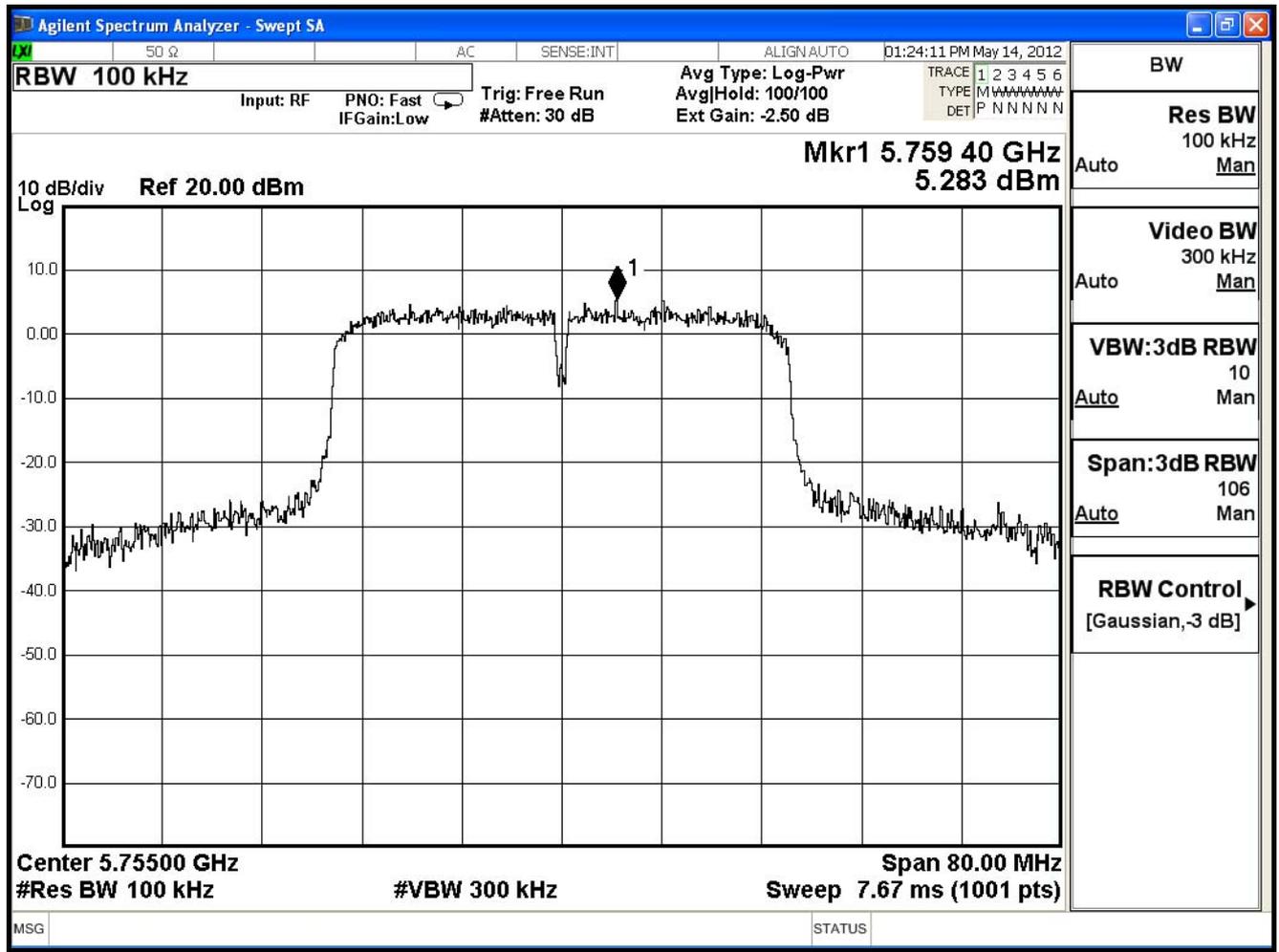
**Channel 159**



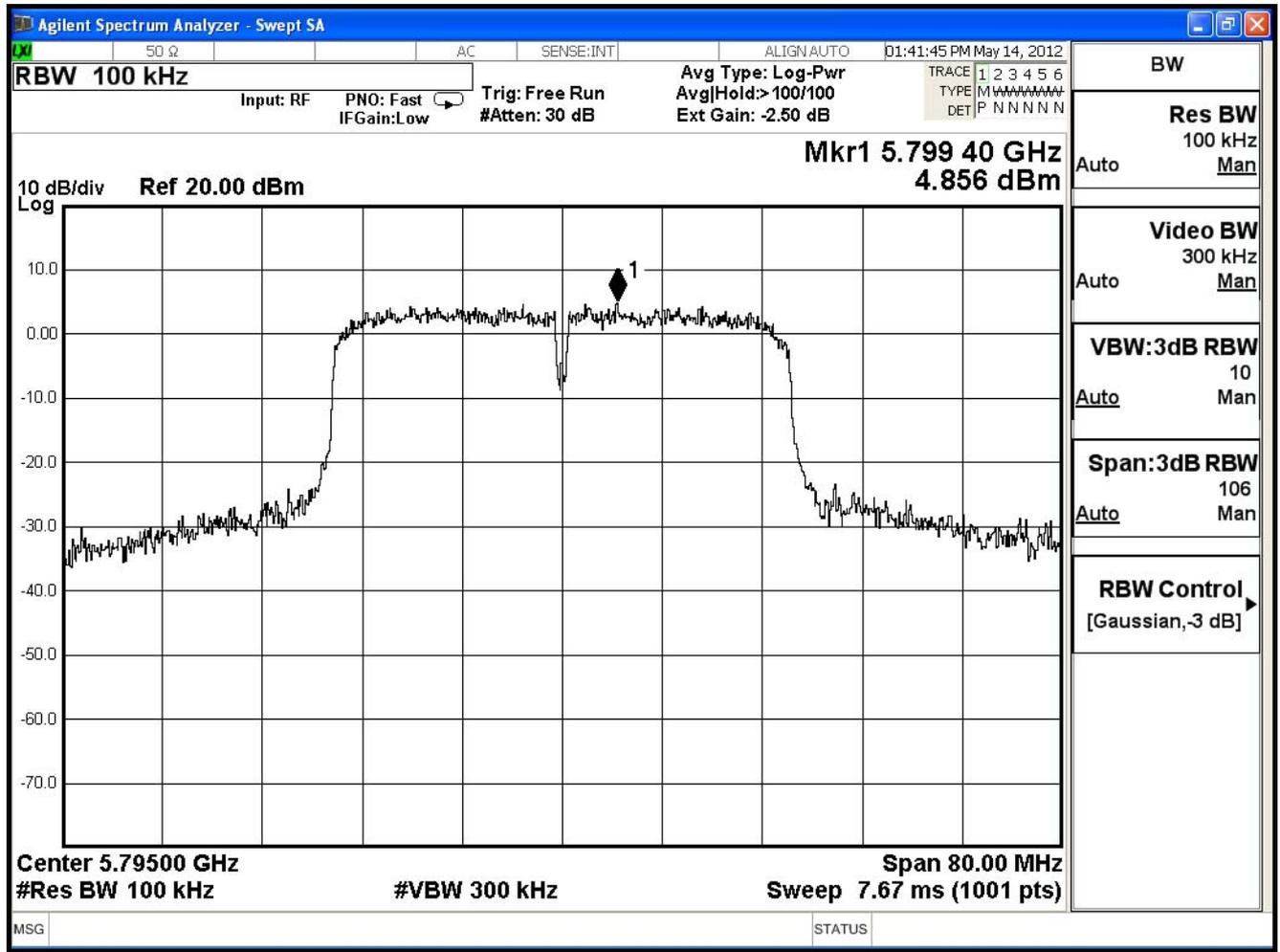
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_(Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	5.283	-9.917	≤ 8	Pass
159	5795	4.856	-10.344	≤ 8	Pass

### Channel 151



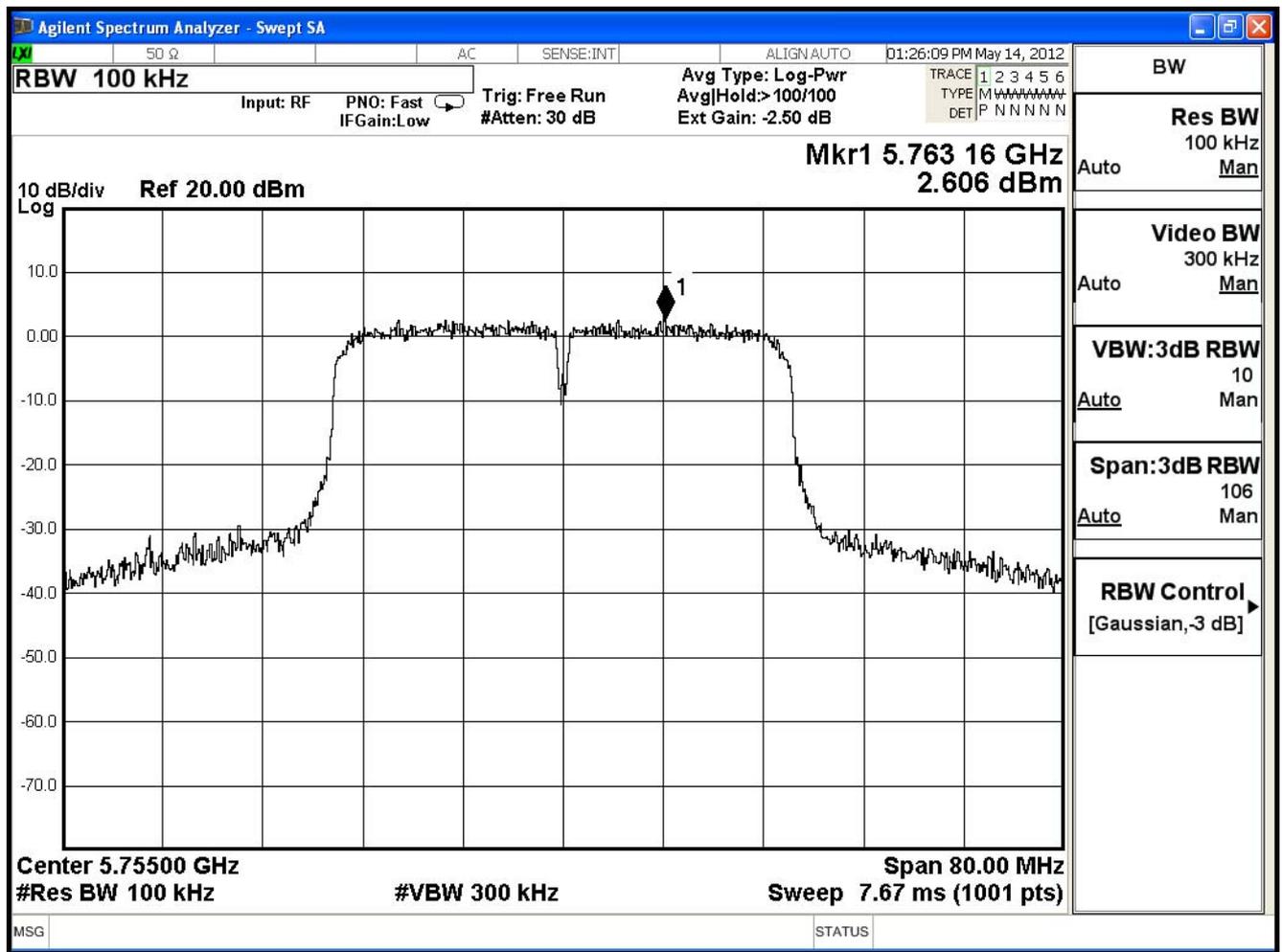
**Channel 159**



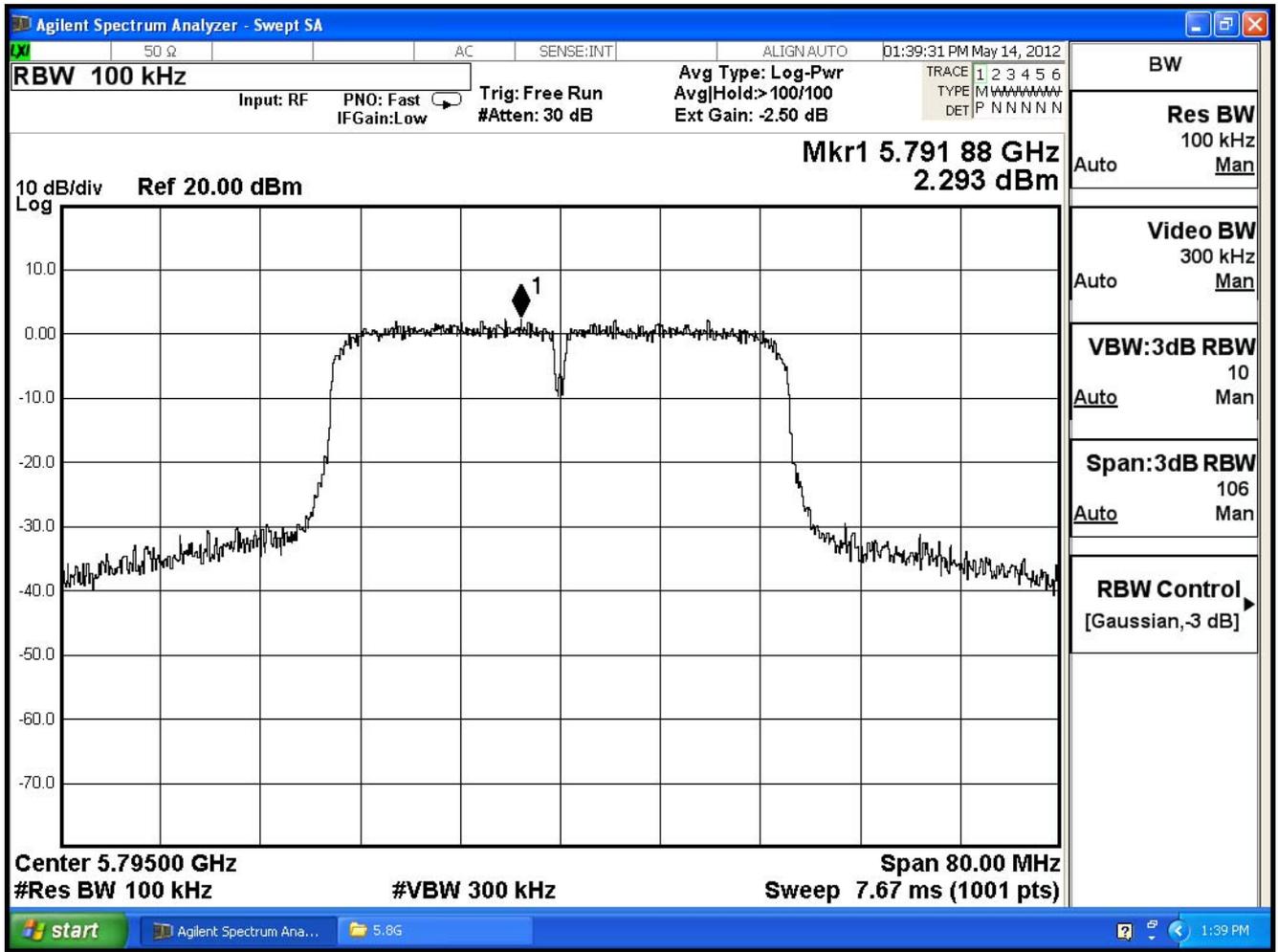
Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE 802.11n_40MHz (ANT 2)					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	2.606	-12.594	≤ 8	Pass
159	5795	2.293	-12.907	≤ 8	Pass

### Channel 151



**Channel 159**



Product	Dual-band Wireless-N750 Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Adapter: AD82030)		
Date of Test	2012/04/23	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1+2)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-6.040	$\leq 8$	Pass
159	5795	-6.450	$\leq 8$	Pass