

7. DTS Bandwidth

7.1. Test Equipment

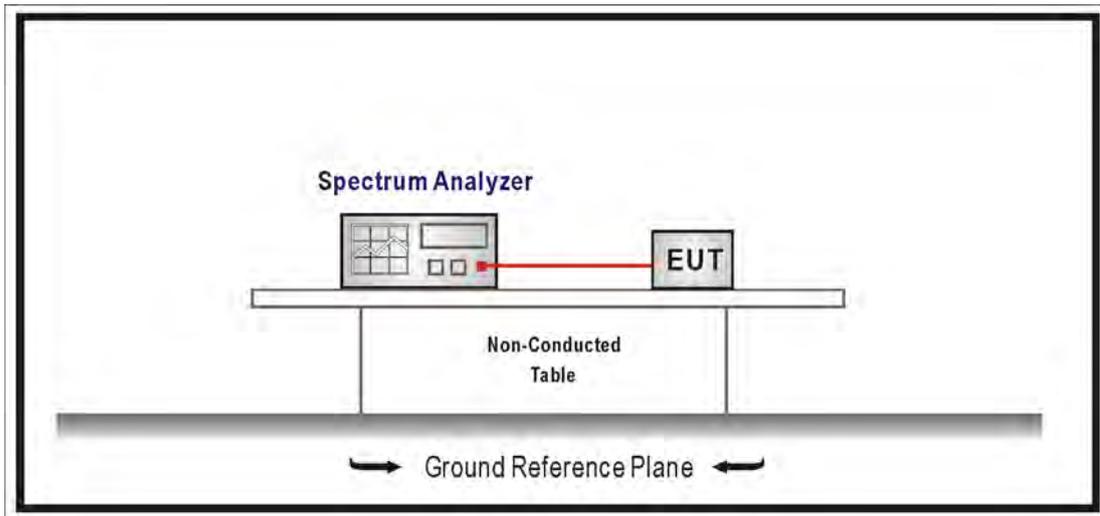
The following test equipments are used during the test:

DTS Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

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

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.10; tested procedure section 8.1 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW $\geq 3 \times$ RBW, Sweep Time=Auto, Set Peak Detector.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

7.6. Uncertainty

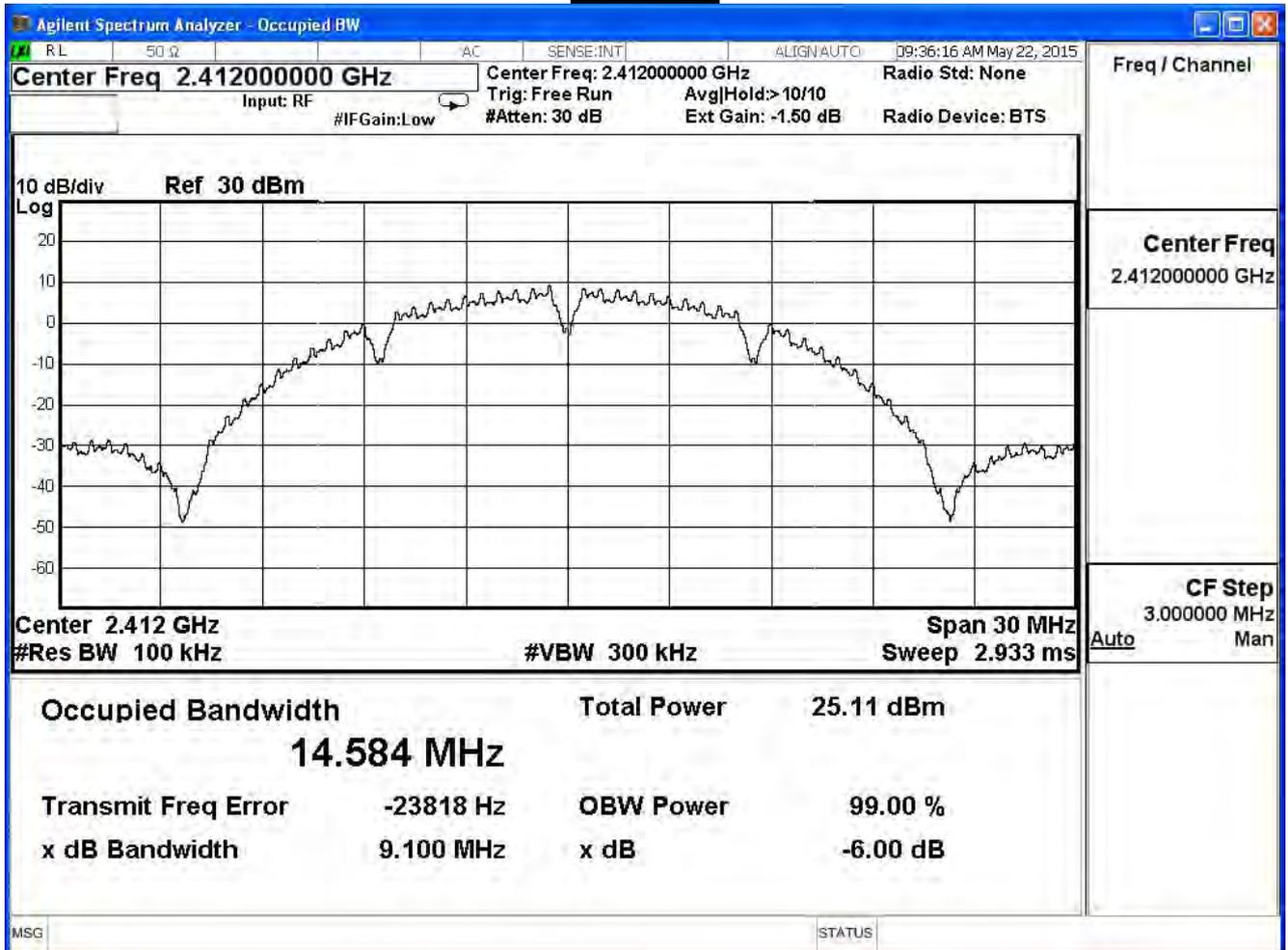
The measurement uncertainty is defined as ± 150 Hz

7.7. Test Result

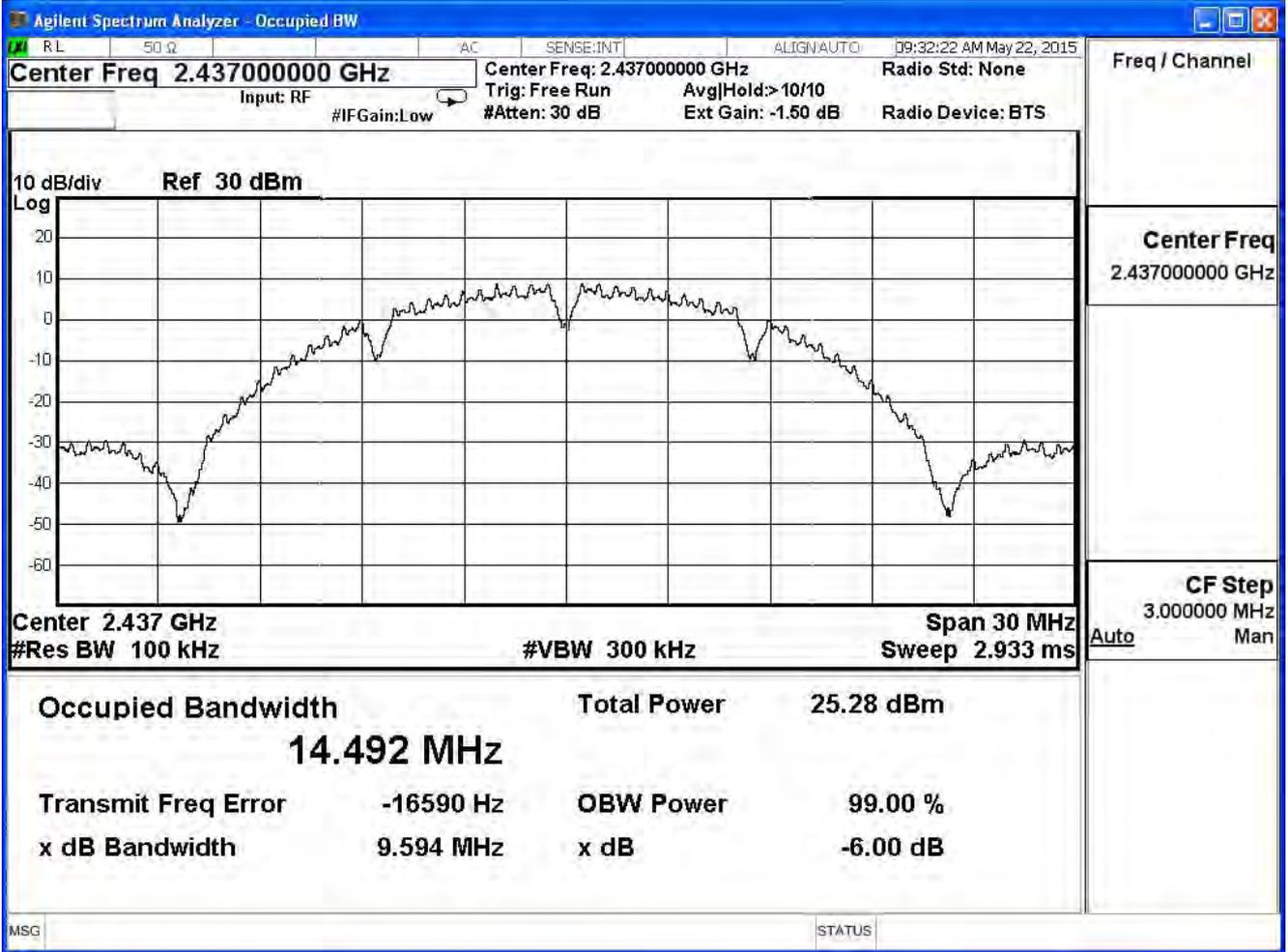
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

802.11 b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	9.100	≥ 0.5	Pass
6	2437	9.594	≥ 0.5	Pass
11	2462	10.040	≥ 0.5	Pass

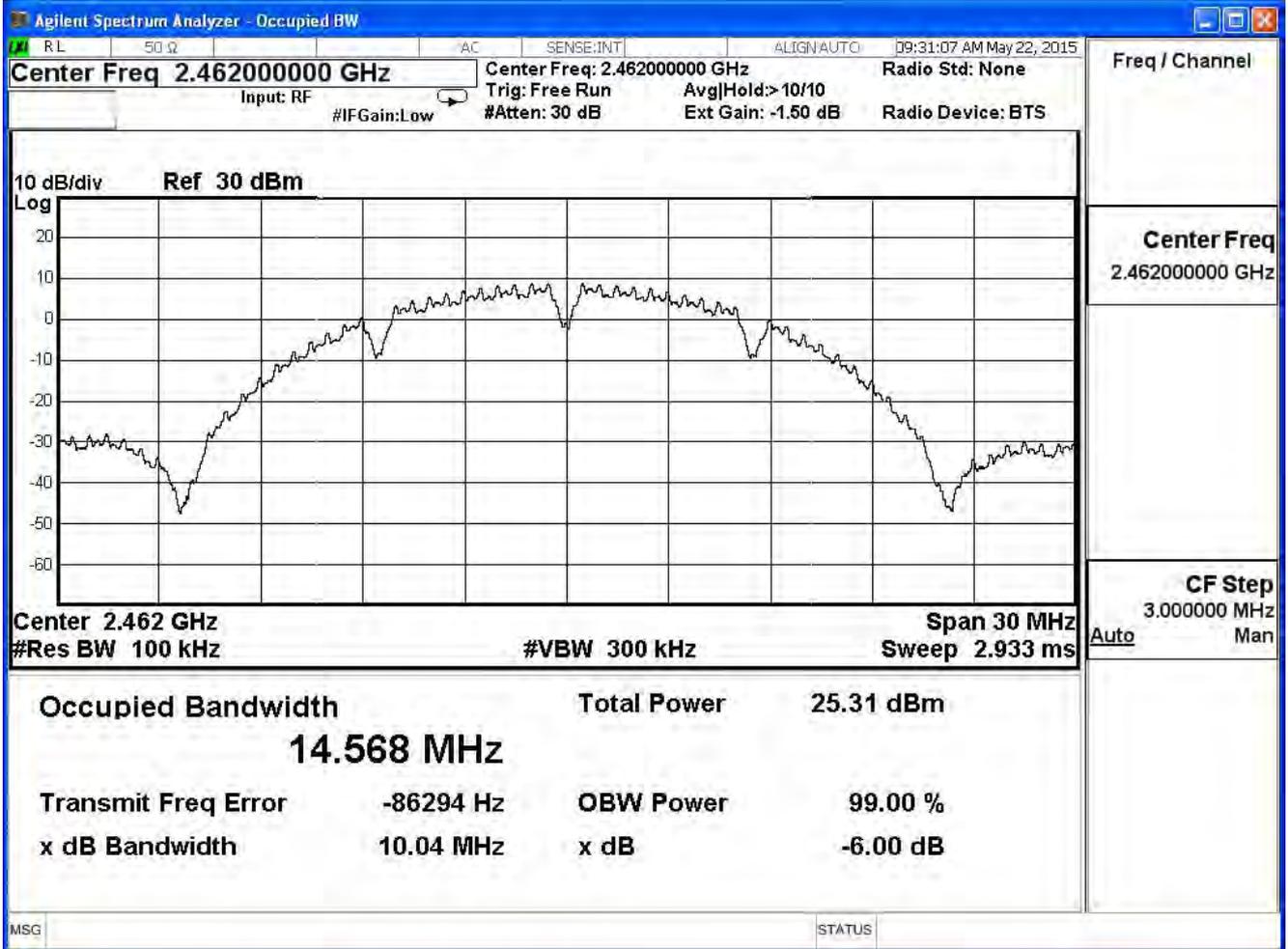
Channel 1



Channel 6



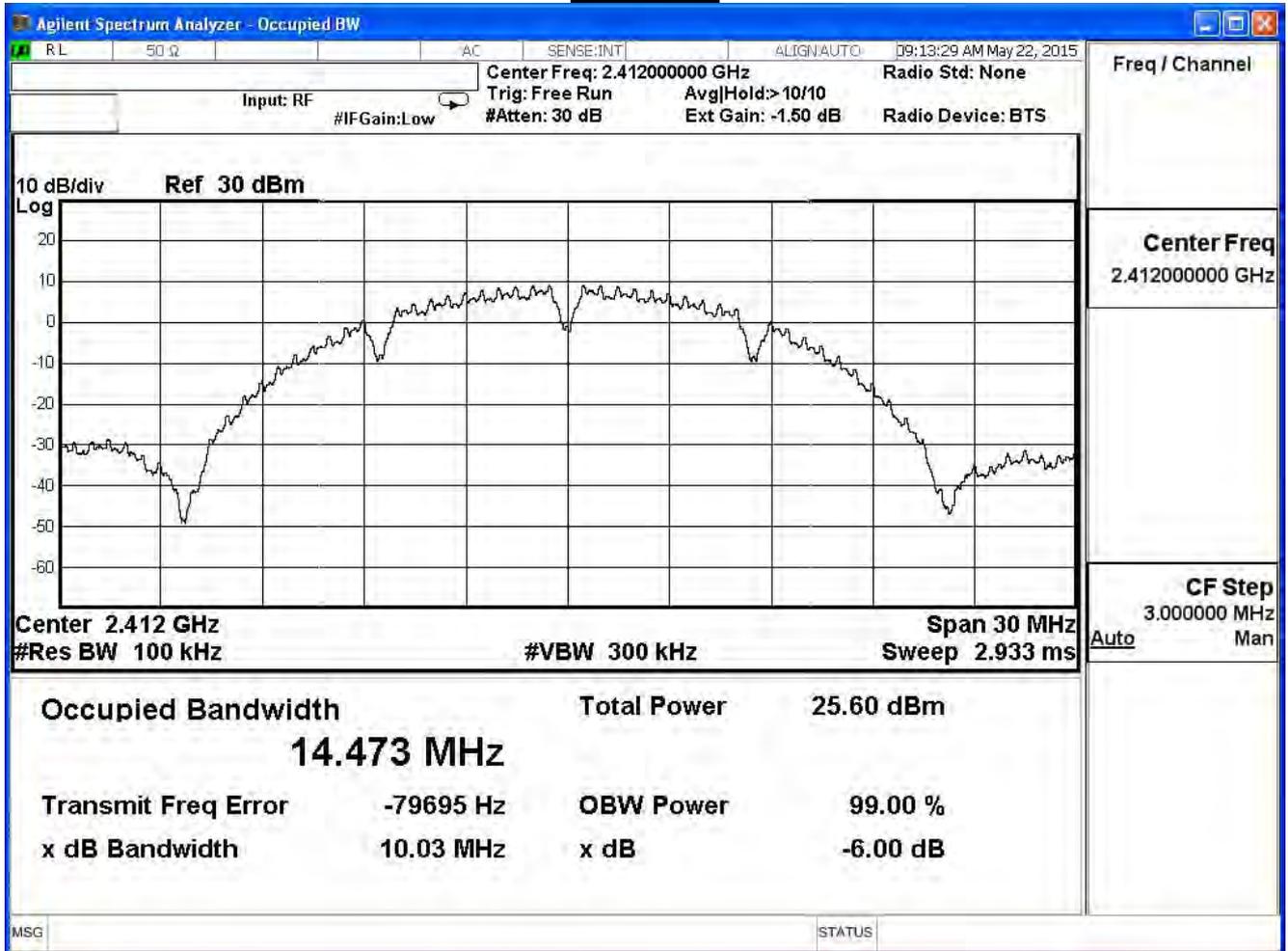
Channel 11



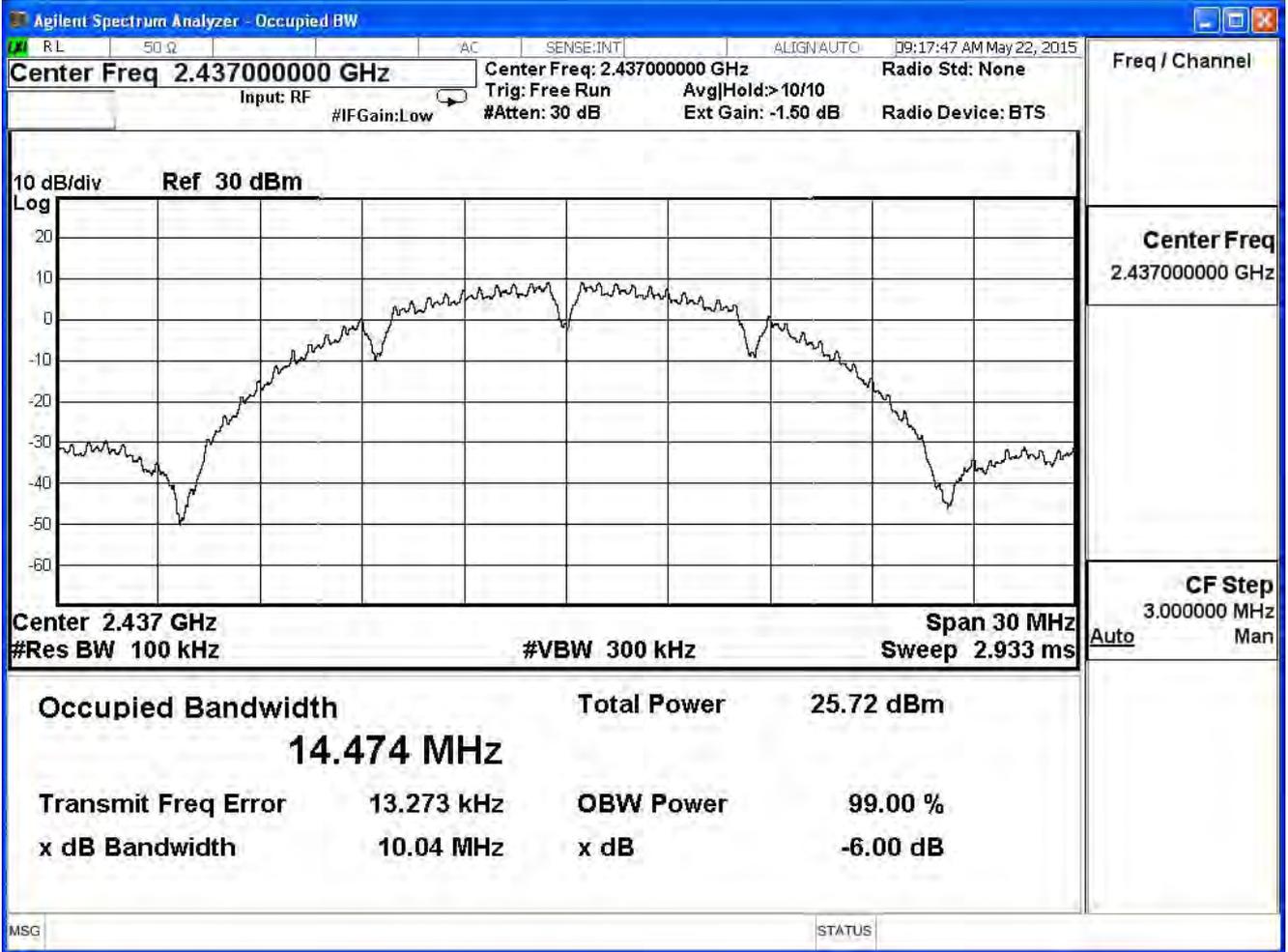
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

802.11 b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	10.030	≥ 0.5	Pass
6	2437	10.040	≥ 0.5	Pass
11	2462	10.040	≥ 0.5	Pass

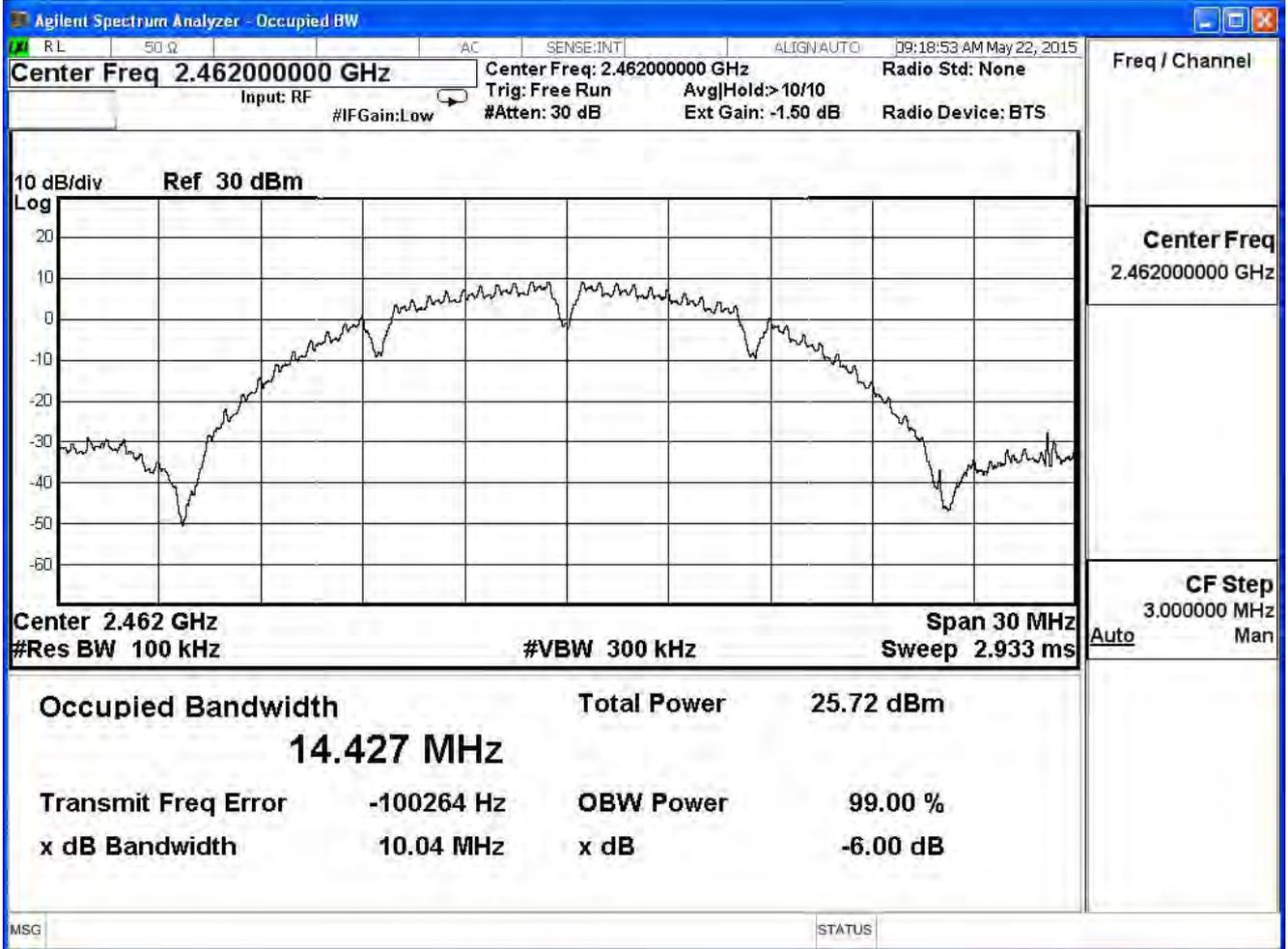
Channel 1



Channel 6



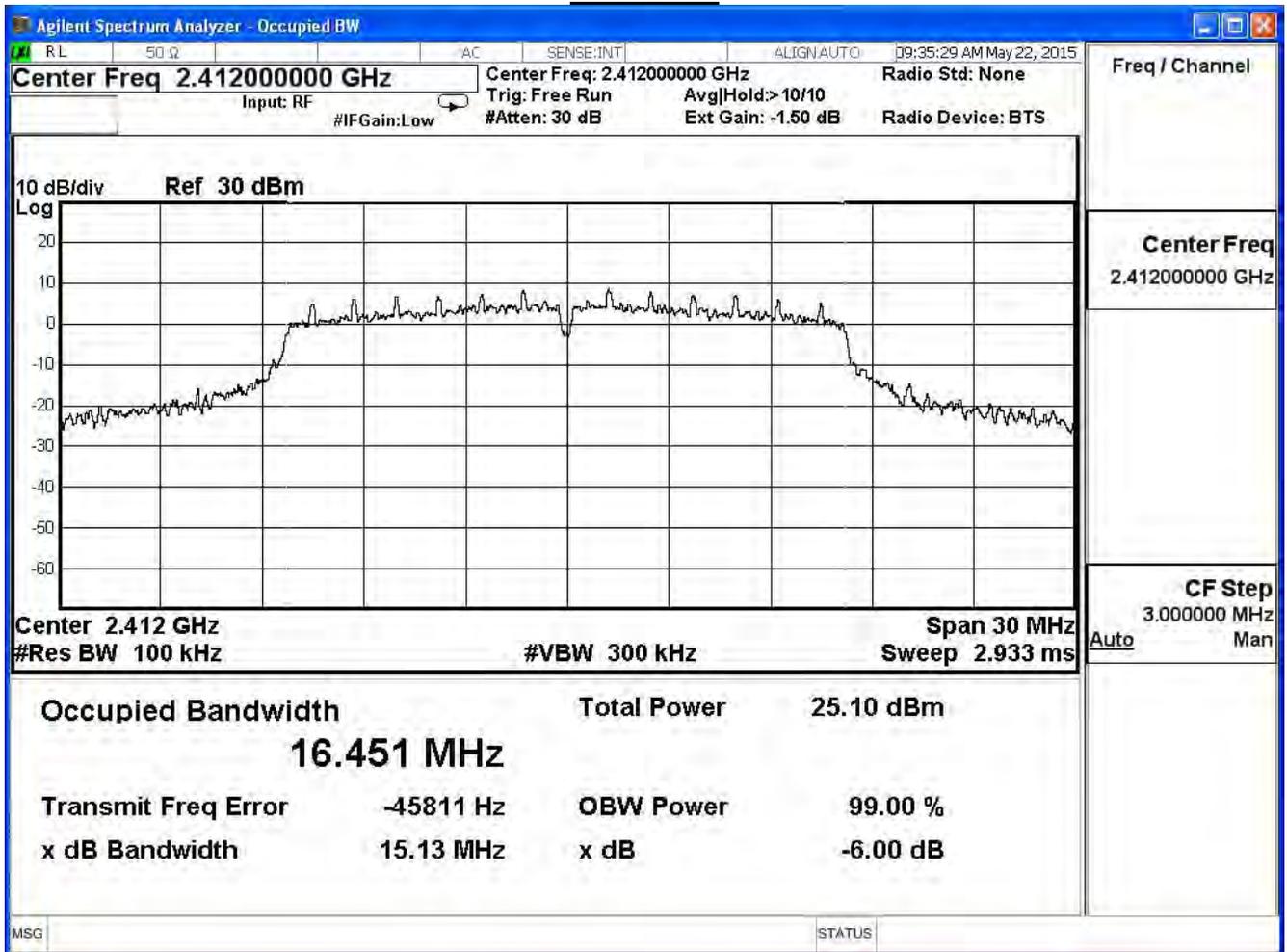
Channel 11



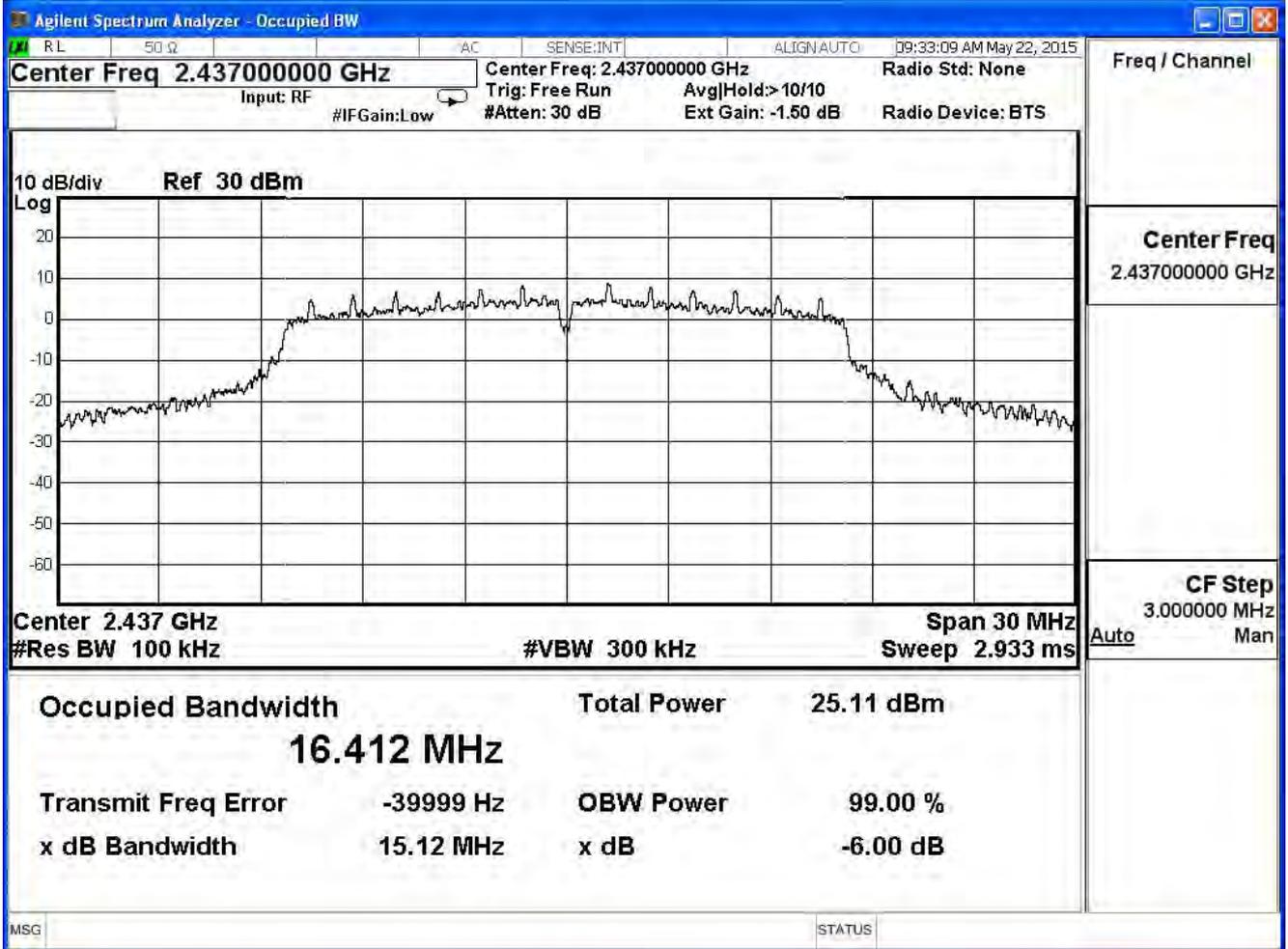
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.130	≥ 0.5	Pass
6	2437	15.120	≥ 0.5	Pass
11	2462	15.110	≥ 0.5	Pass

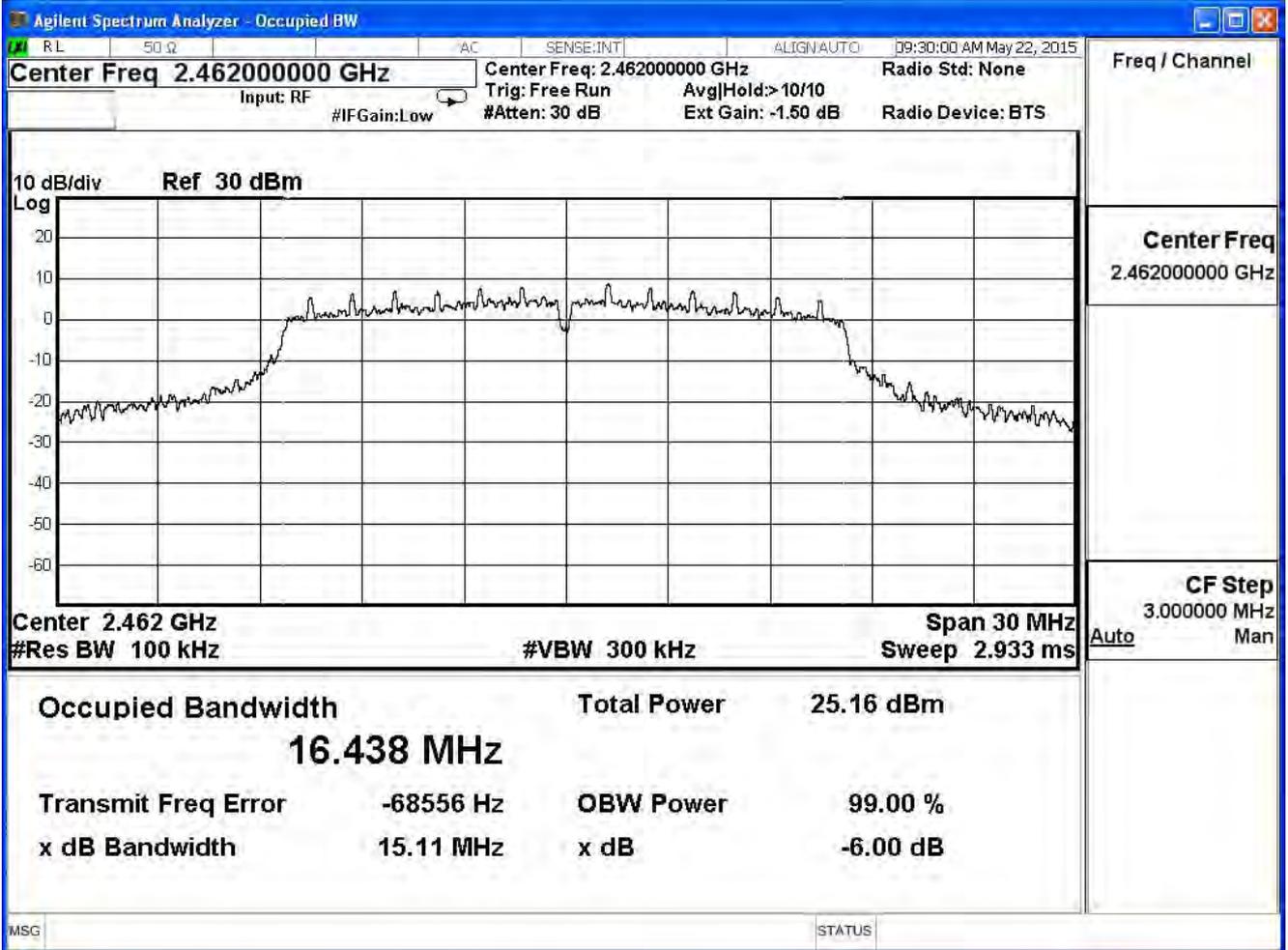
Channel 1



Channel 6



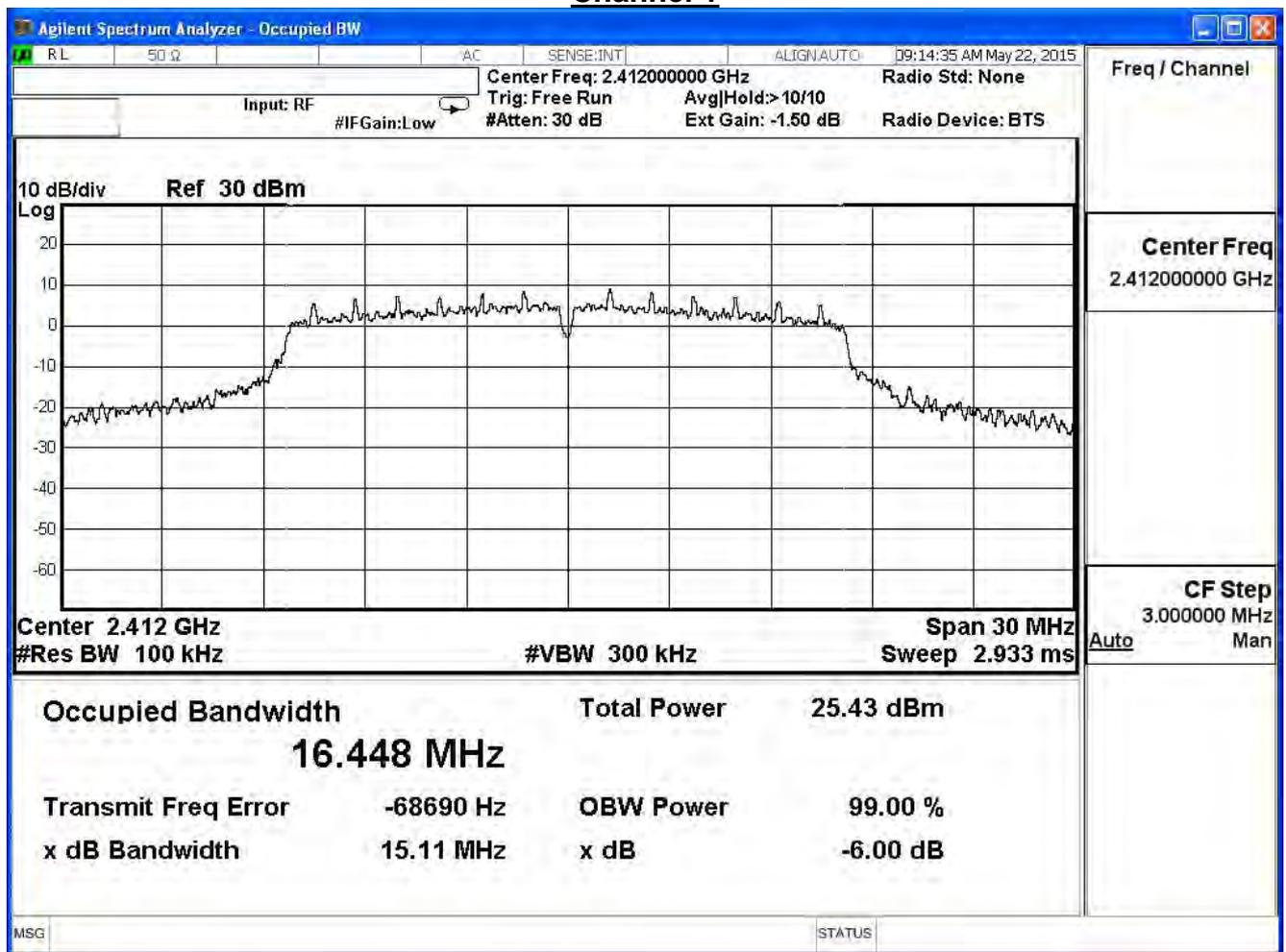
Channel 11



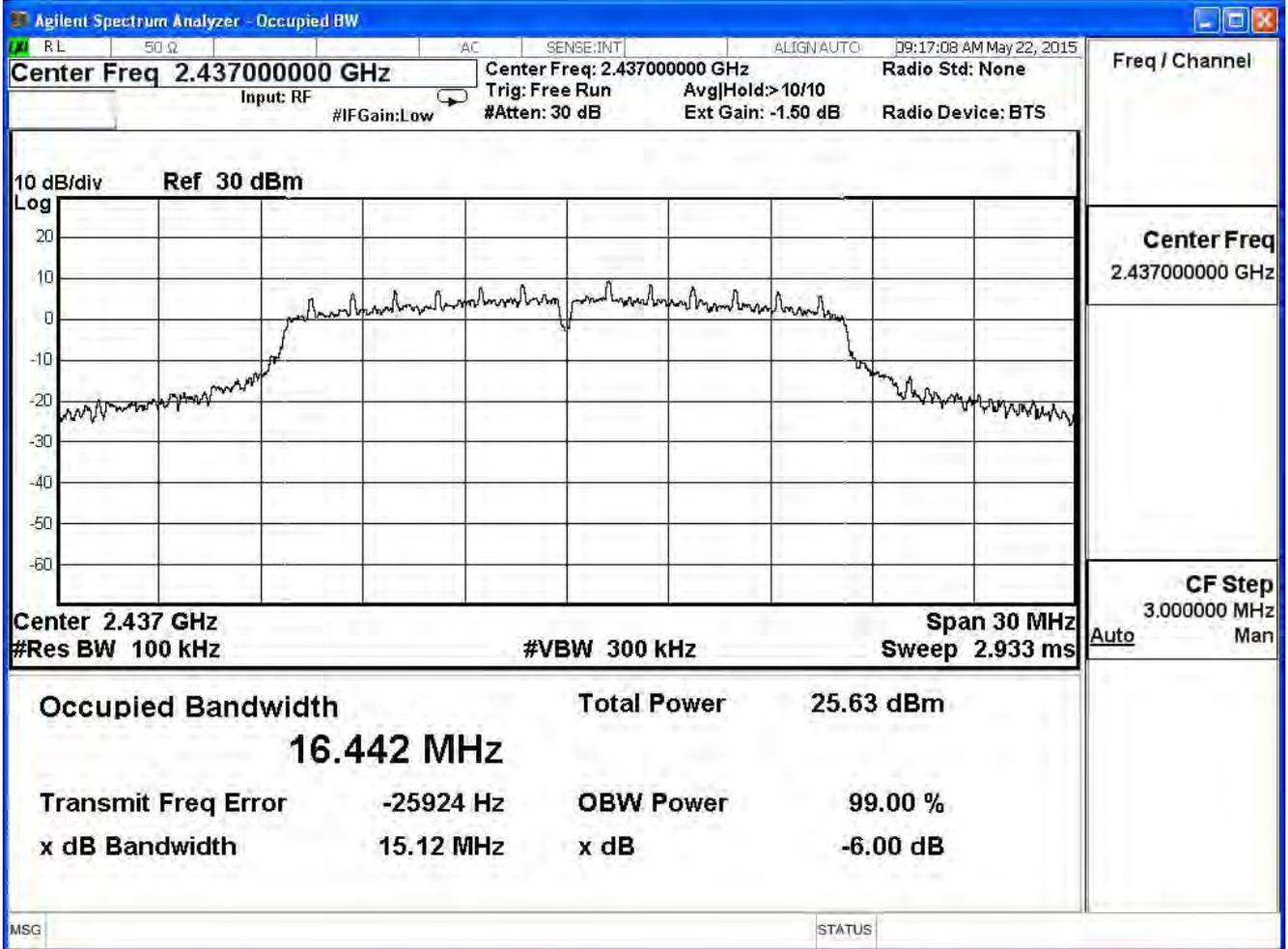
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.110	≥ 0.5	Pass
6	2437	15.120	≥ 0.5	Pass
11	2462	15.100	≥ 0.5	Pass

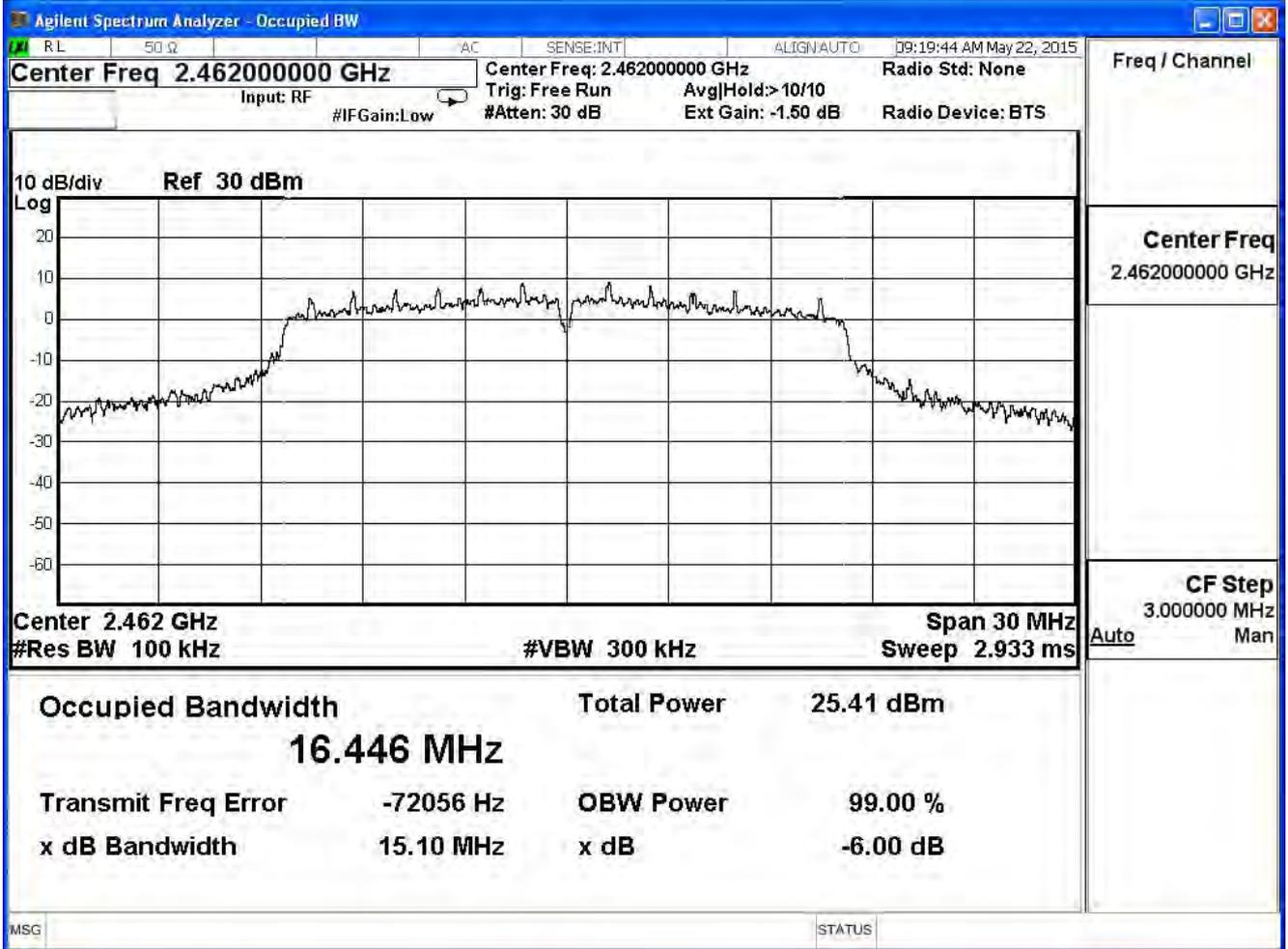
Channel 1



Channel 6



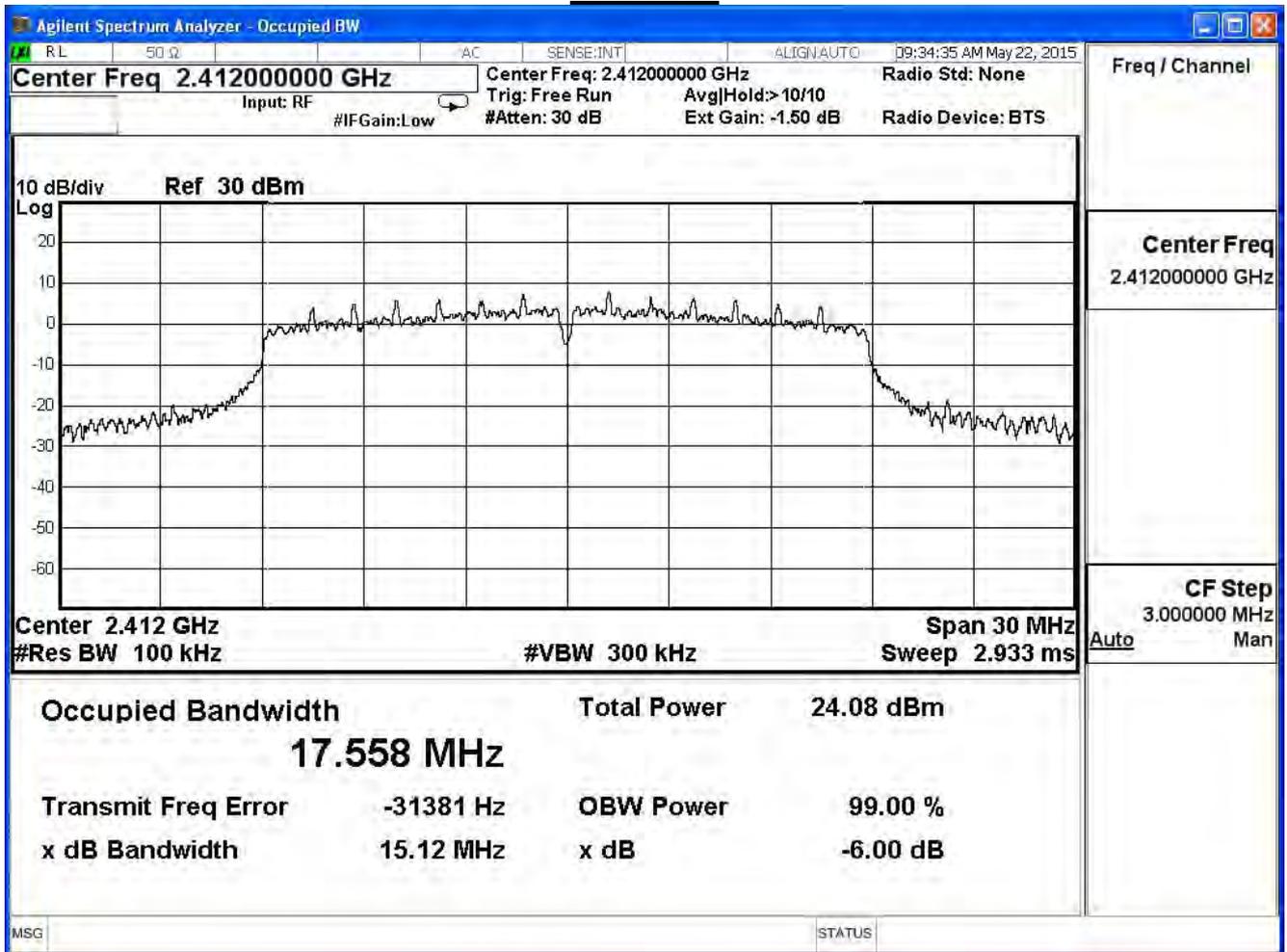
Channel 11



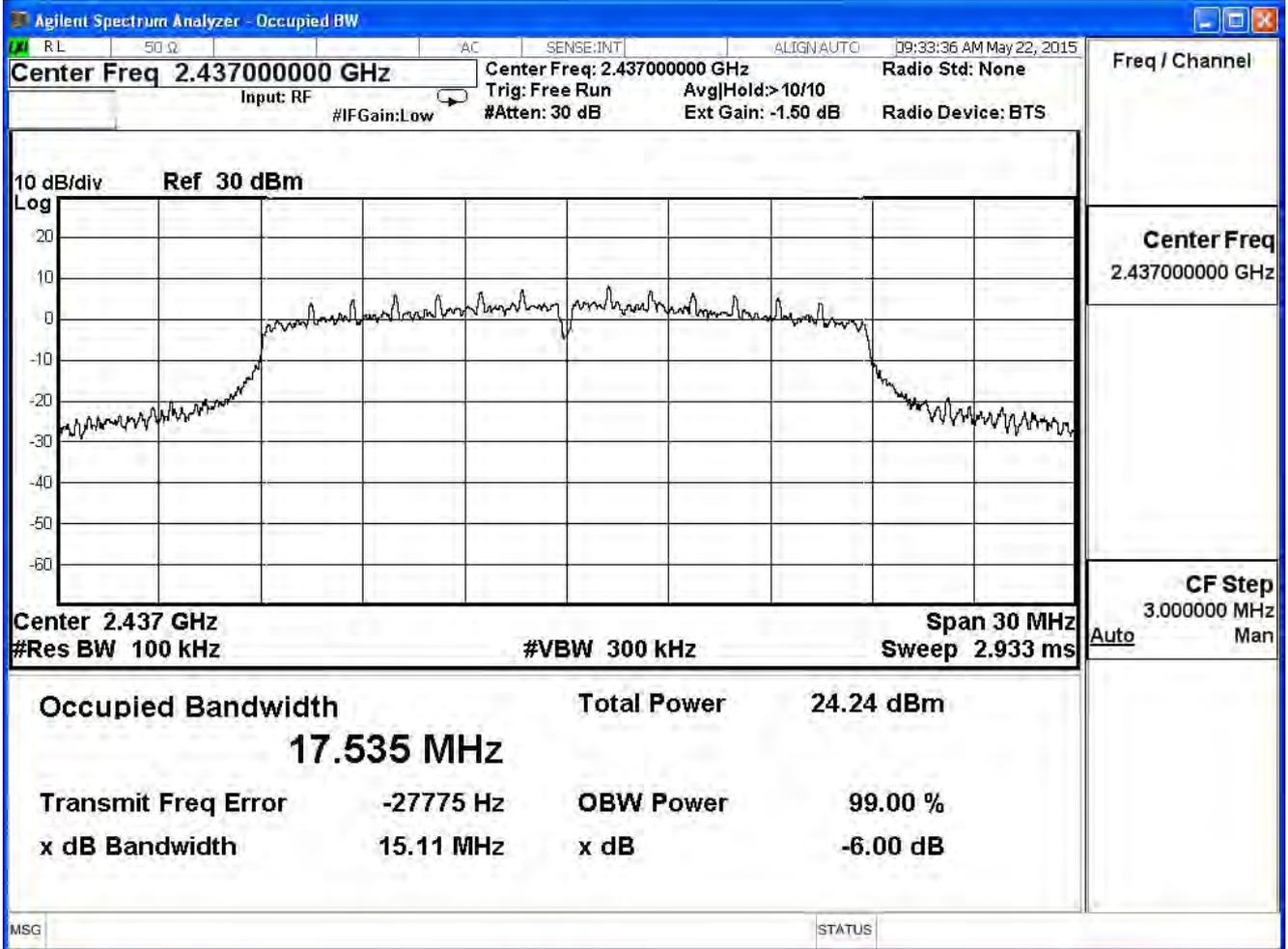
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.120	≥ 0.5	Pass
6	2437	15.110	≥ 0.5	Pass
11	2462	15.130	≥ 0.5	Pass

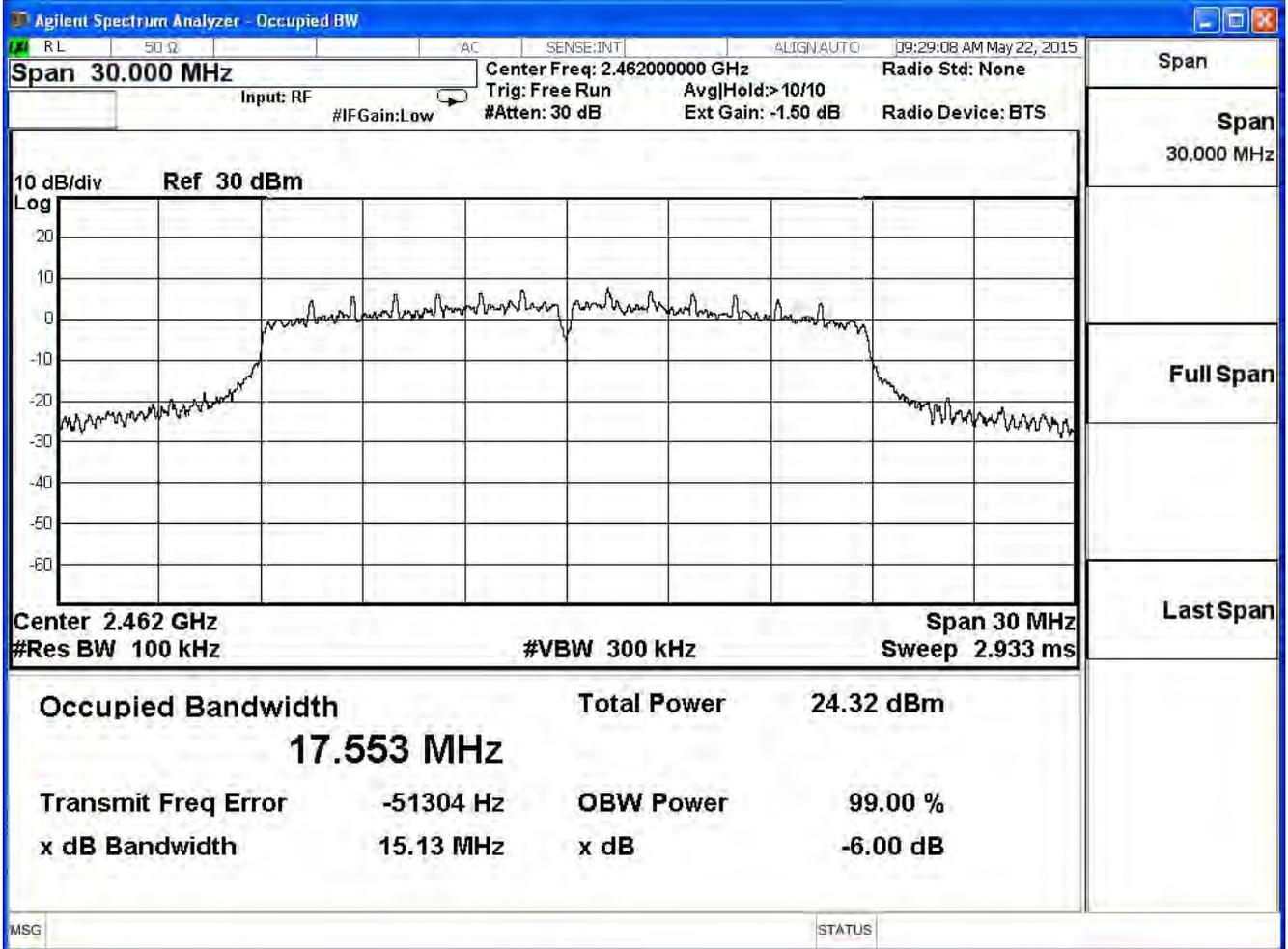
Channel 1



Channel 6



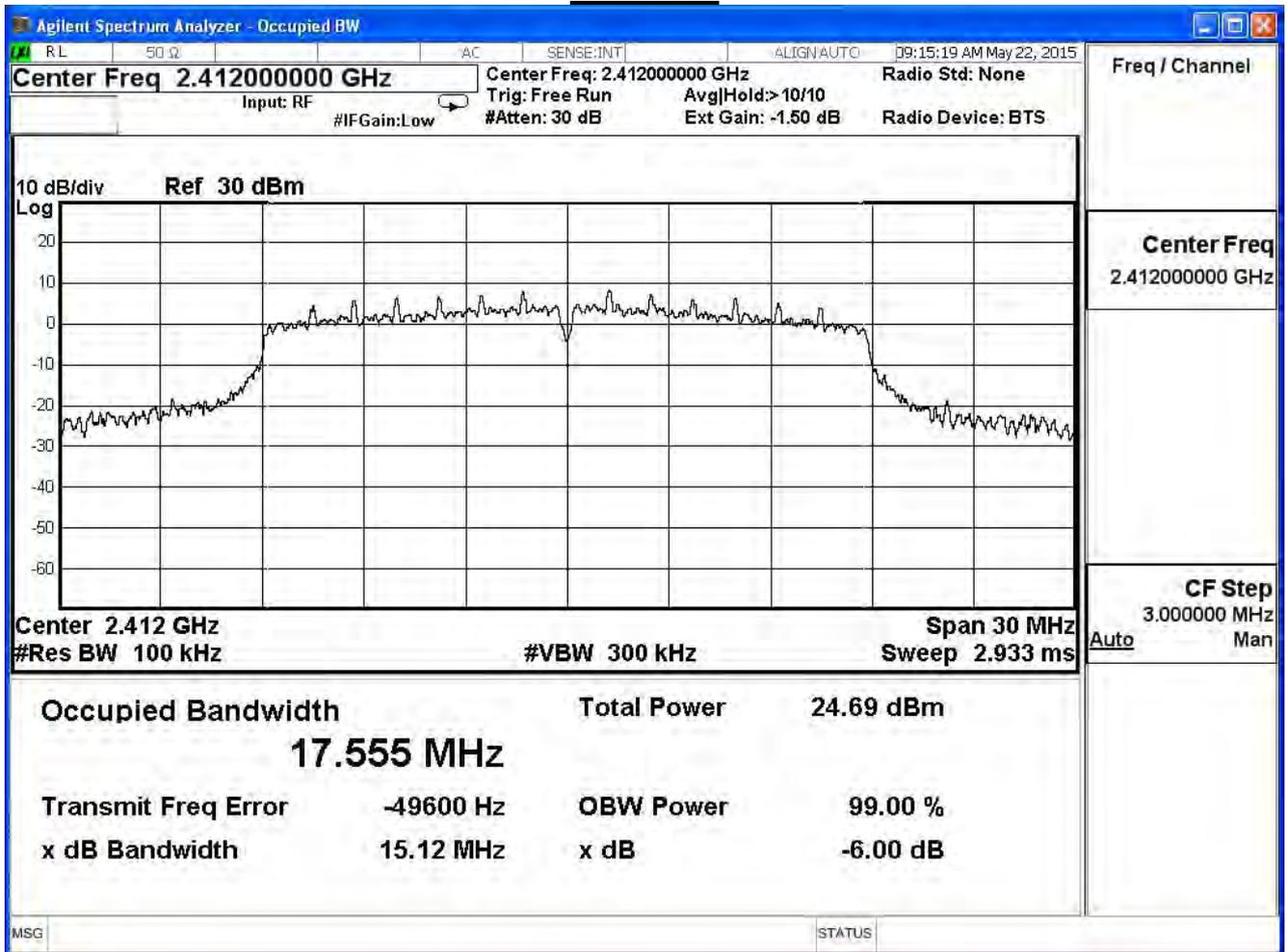
Channel 11



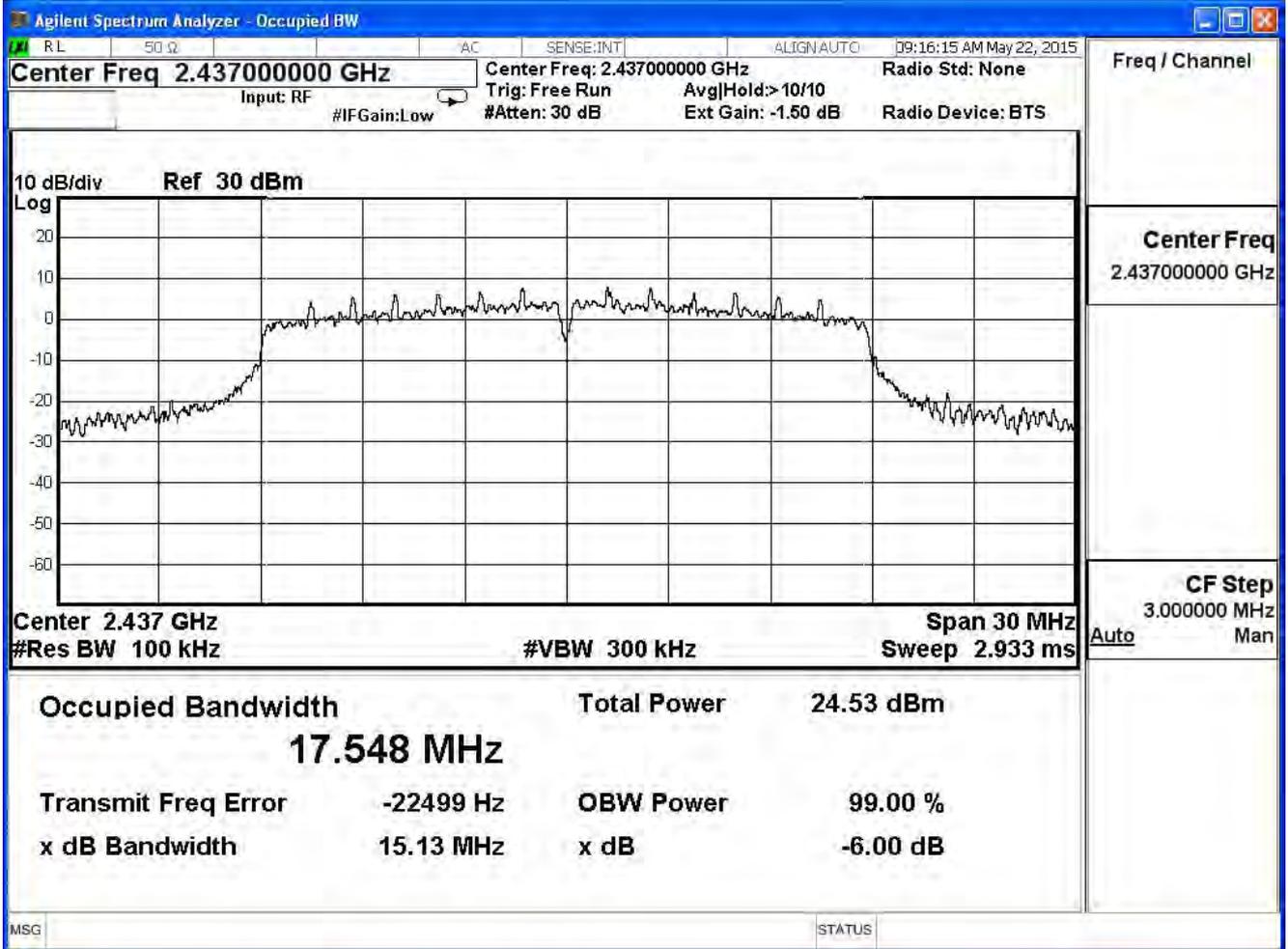
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.120	≥ 0.5	Pass
6	2437	15.130	≥ 0.5	Pass
11	2462	15.120	≥ 0.5	Pass

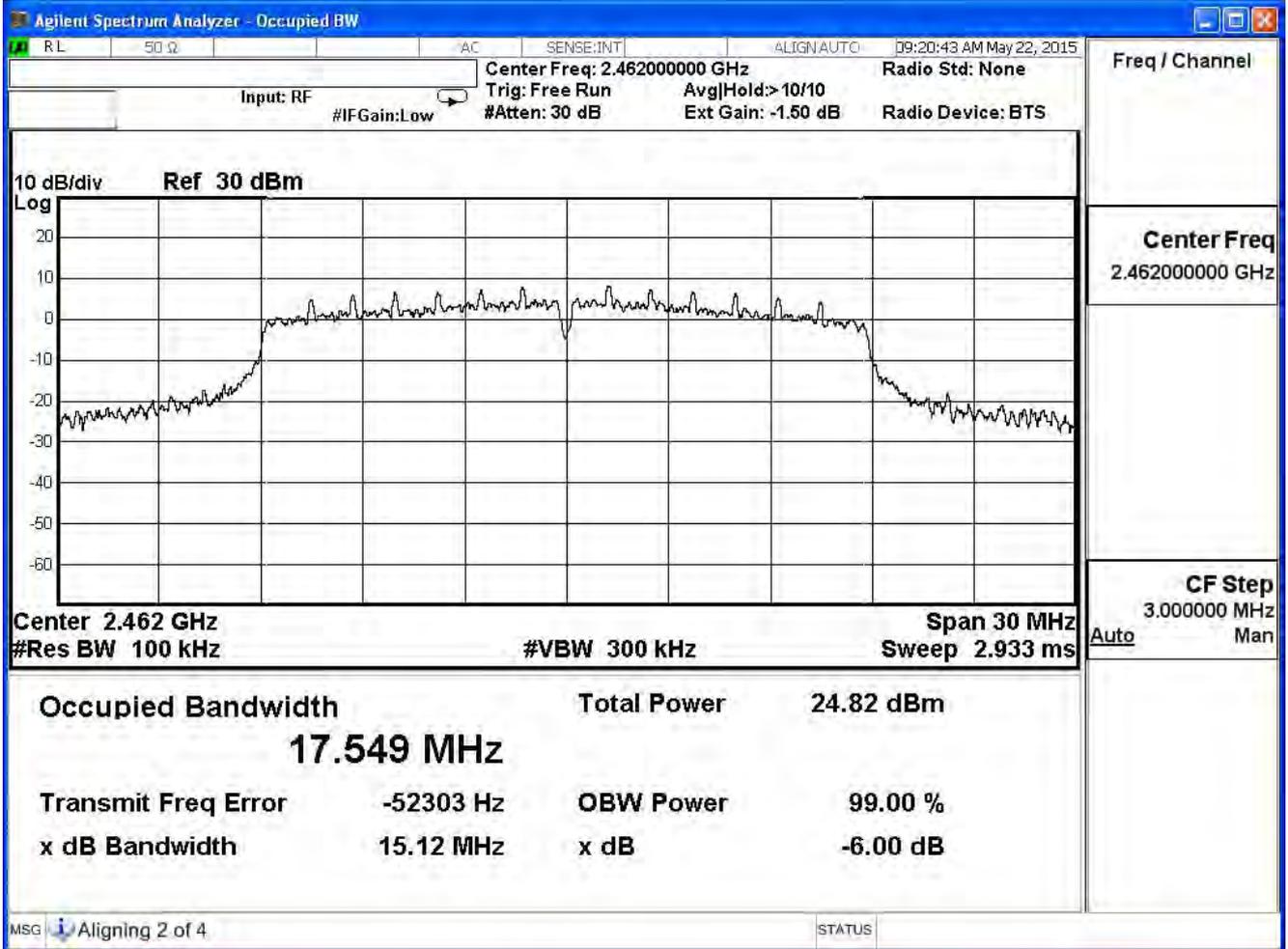
Channel 1



Channel 6



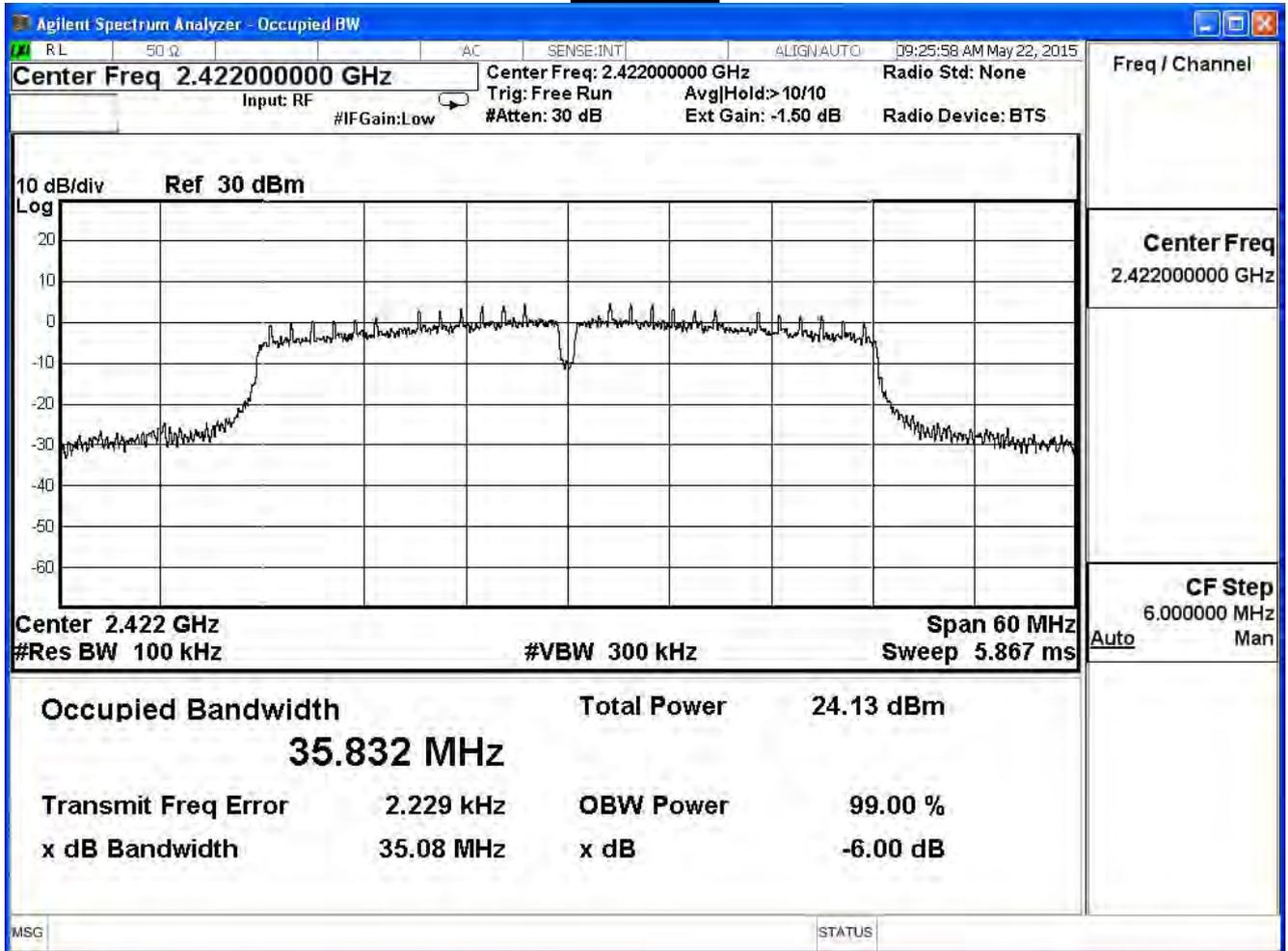
Channel 11



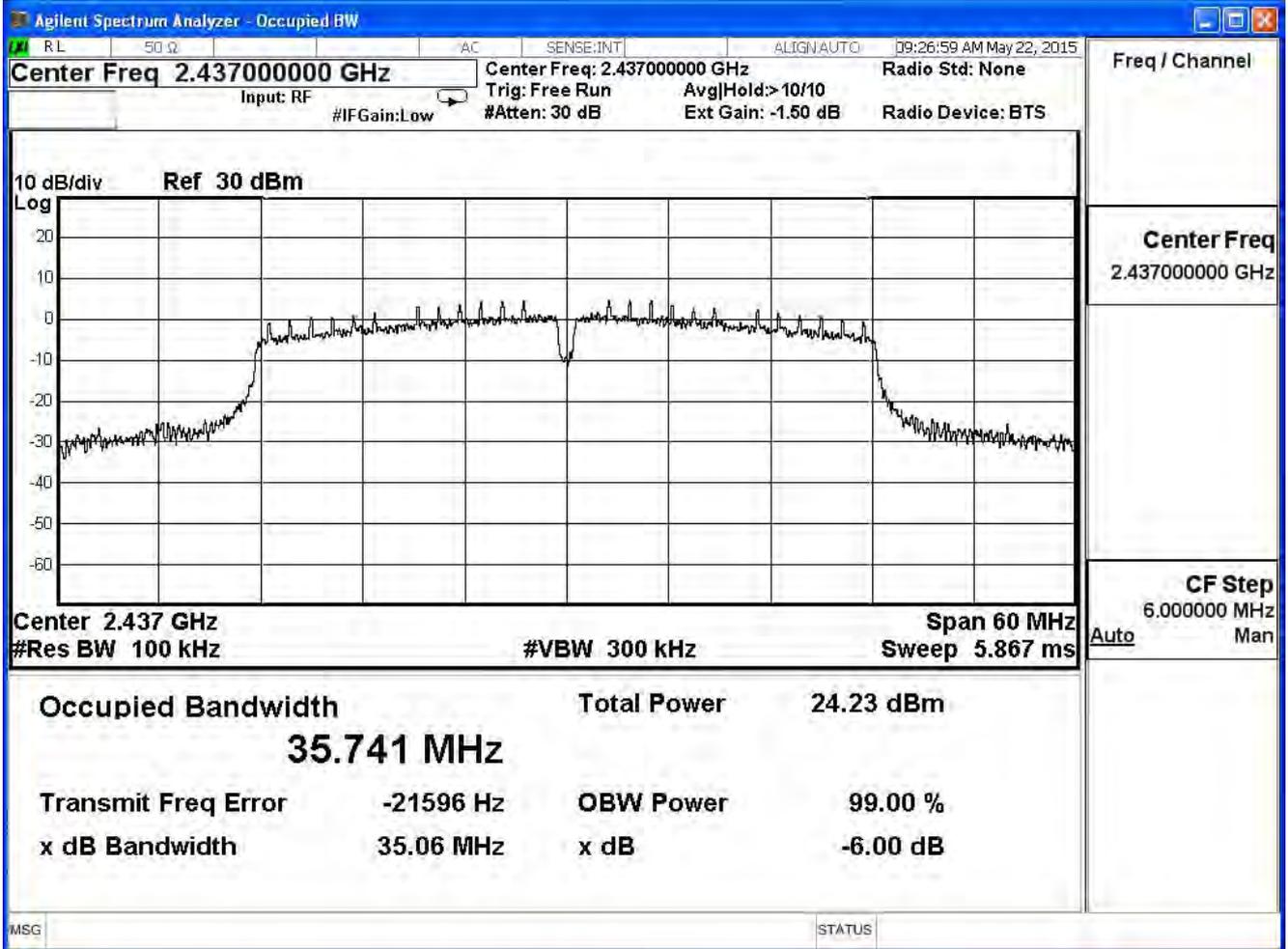
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.080	≥ 0.5	Pass
6	2437	35.060	≥ 0.5	Pass
9	2452	35.080	≥ 0.5	Pass

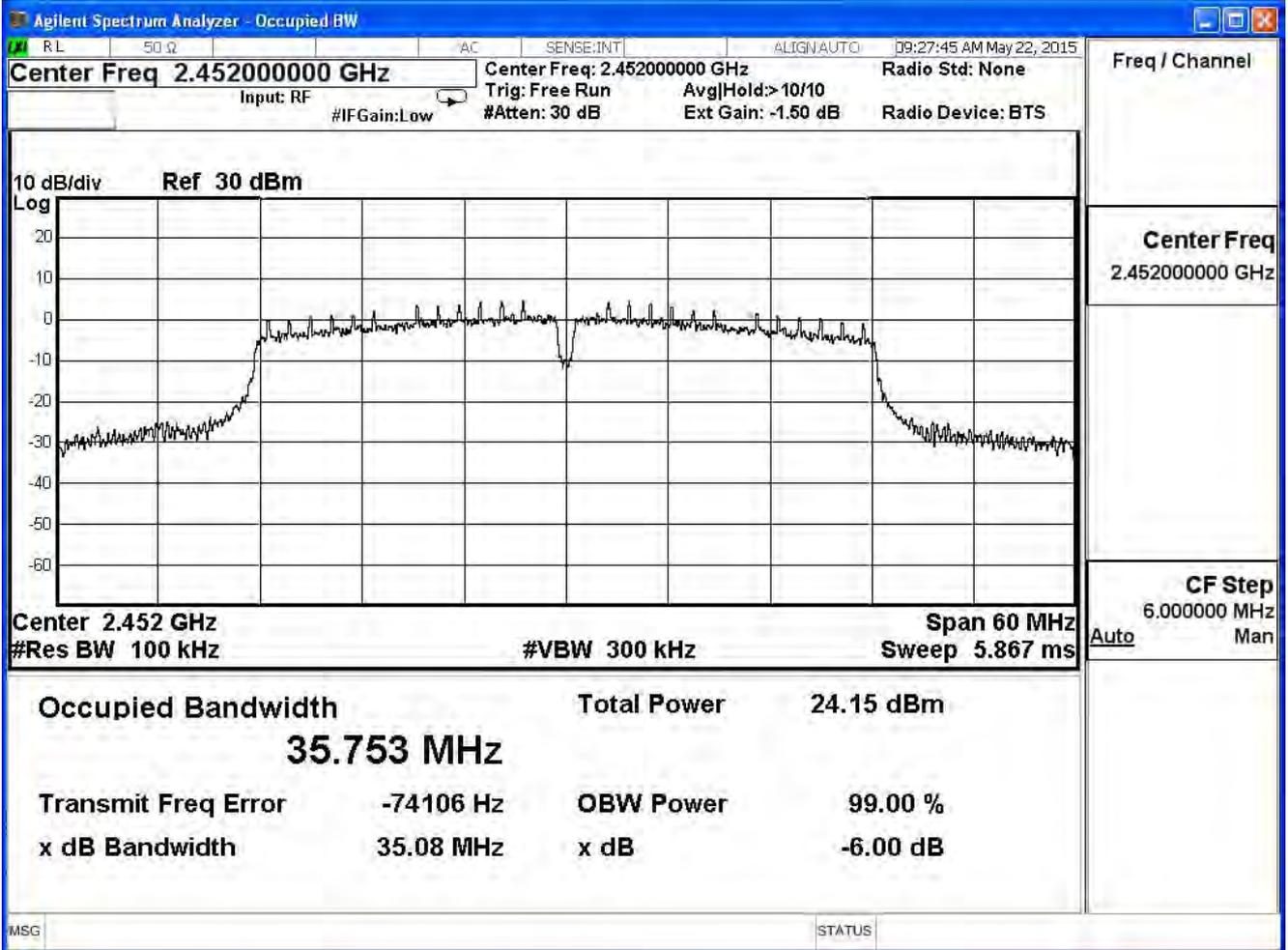
Channel 3



Channel 6



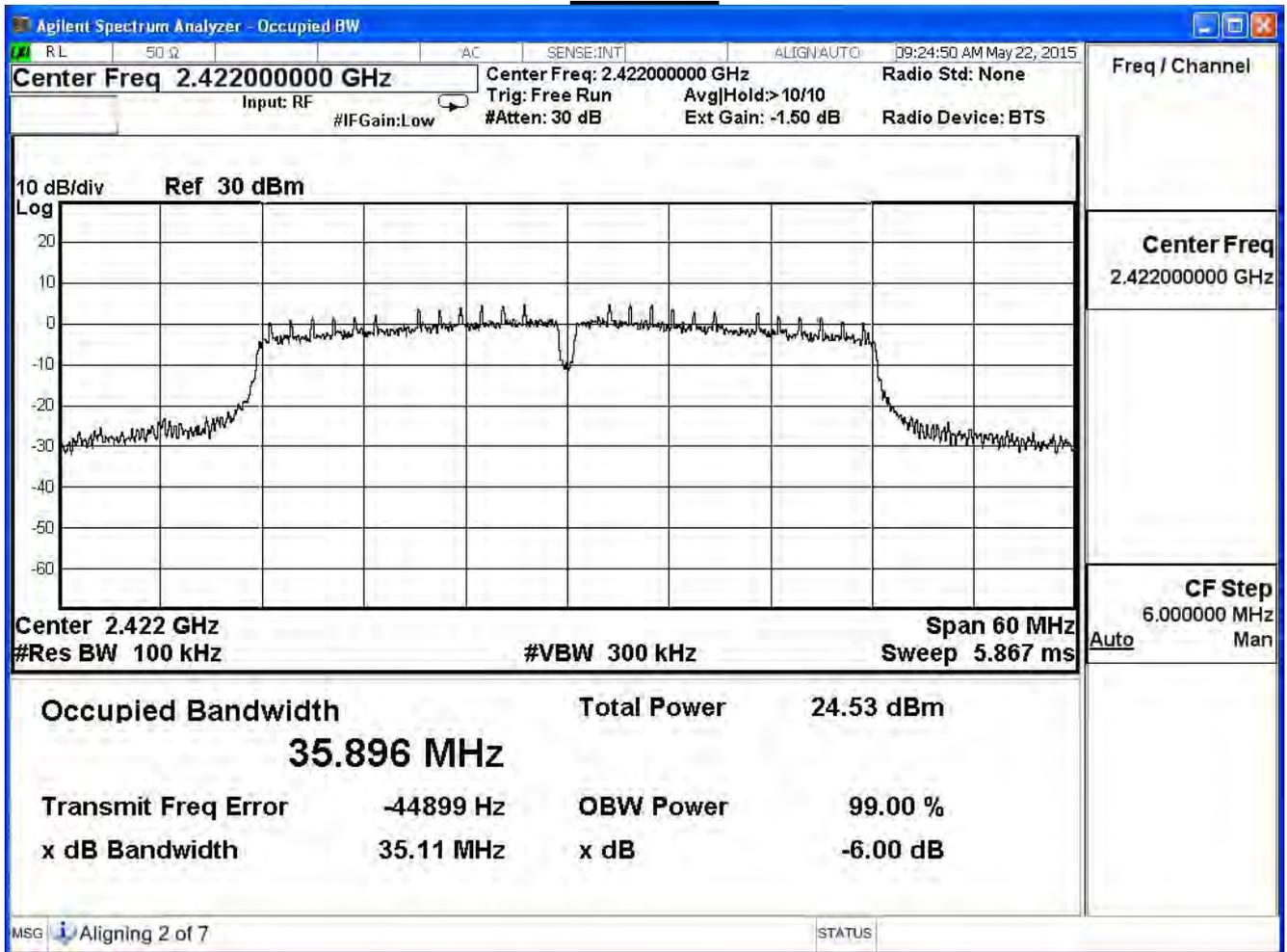
Channel 9



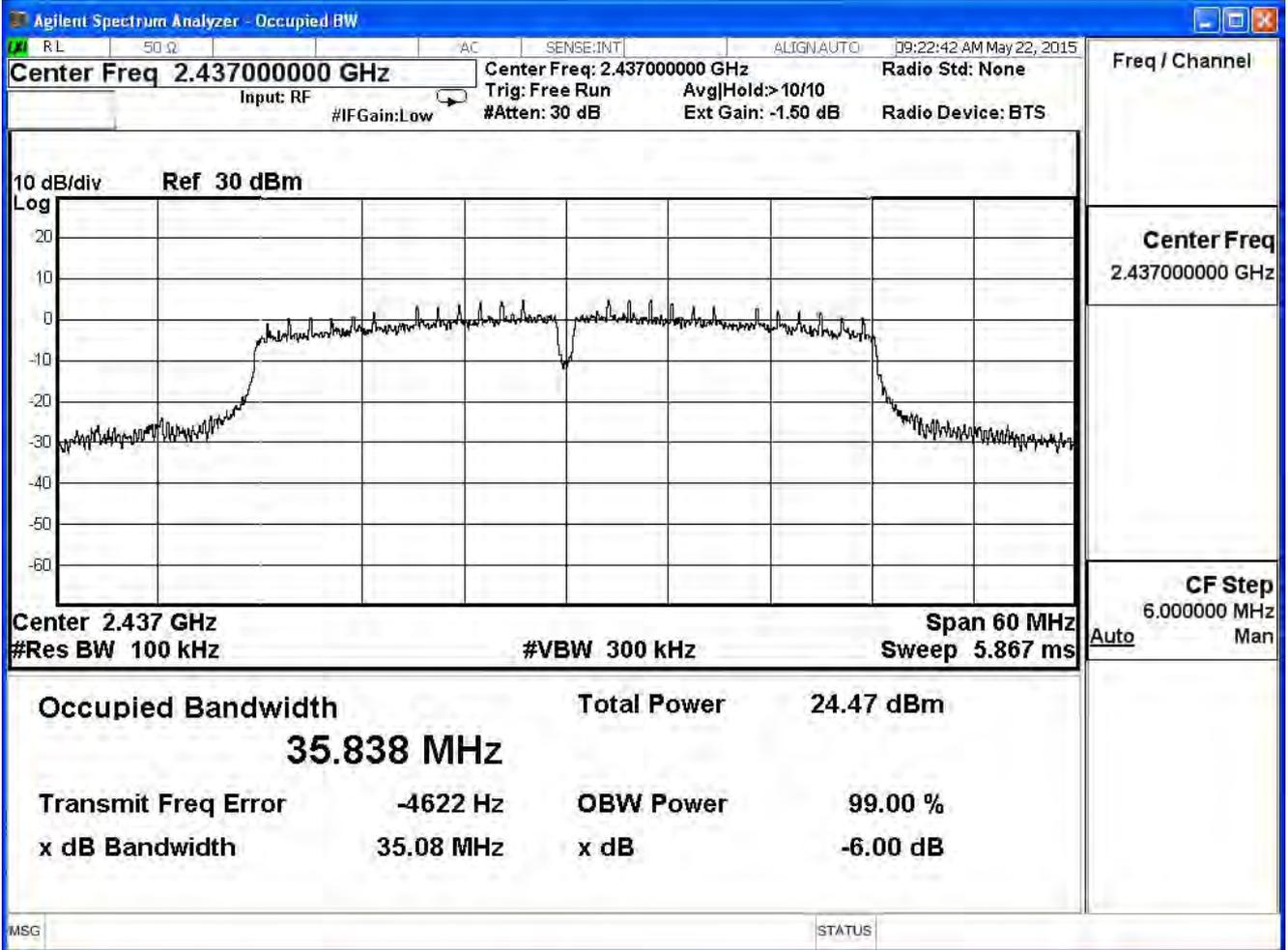
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.110	≥ 0.5	Pass
6	2437	35.080	≥ 0.5	Pass
9	2452	35.060	≥ 0.5	Pass

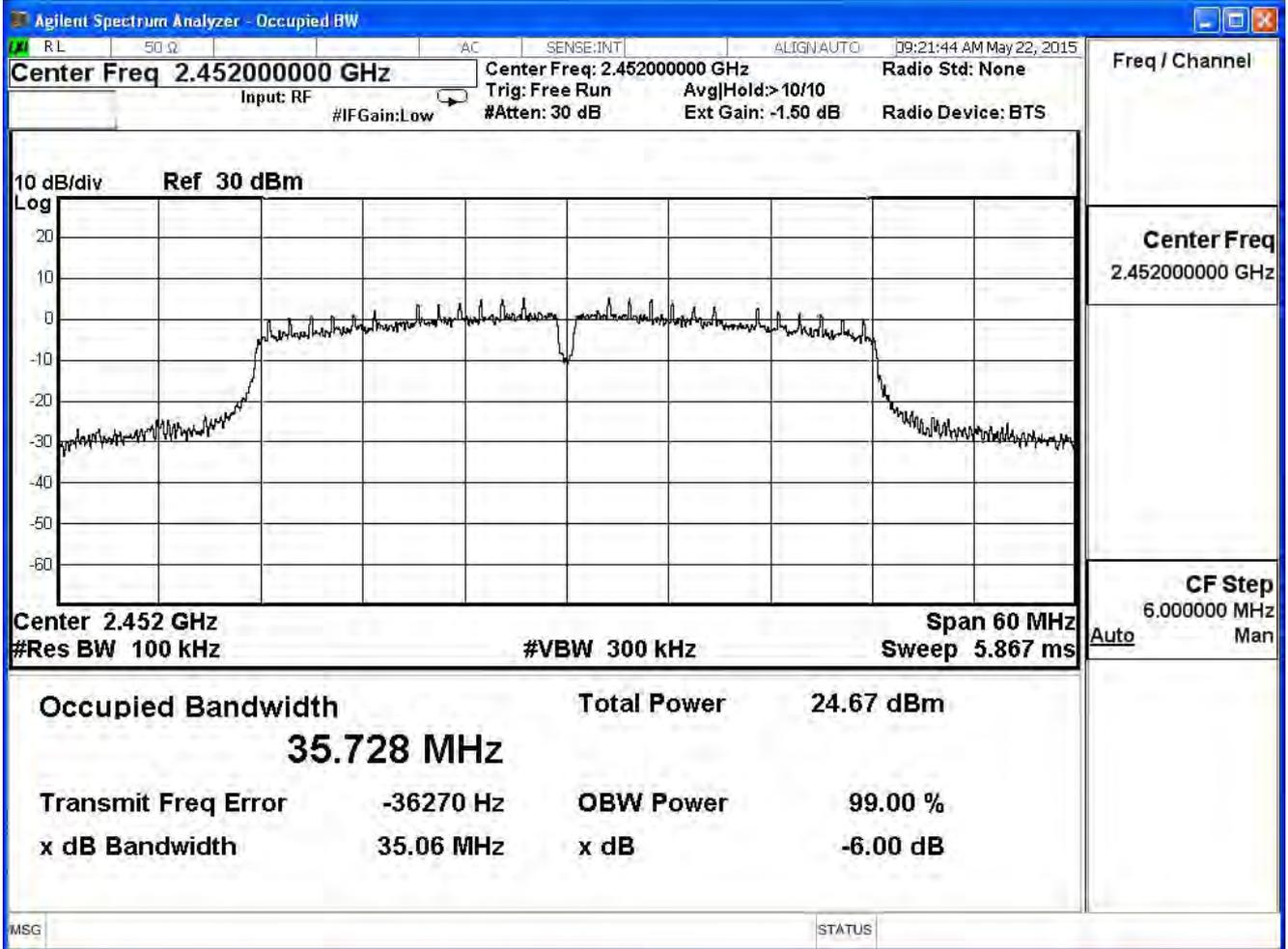
Channel 3



Channel 6



Channel 9

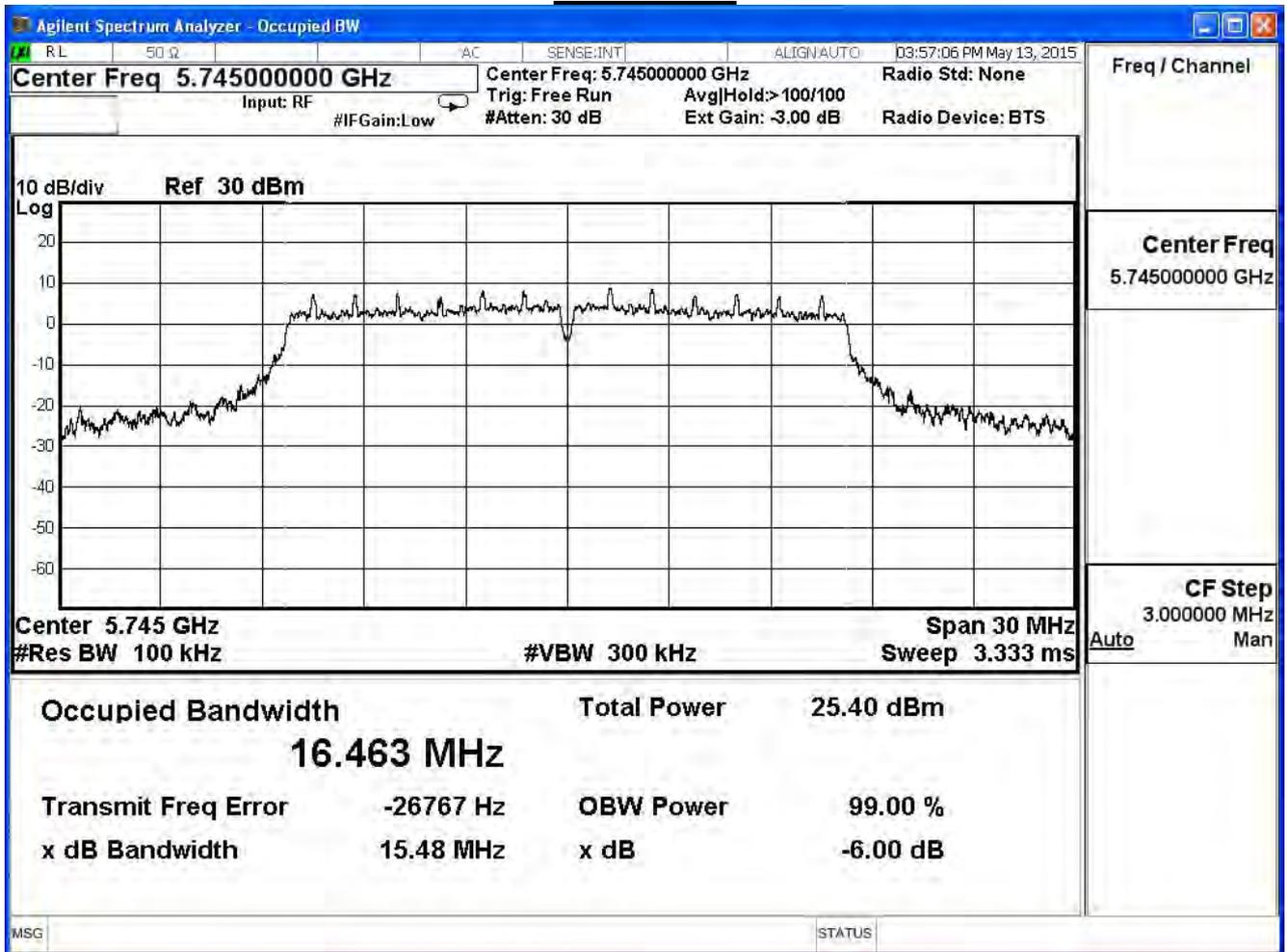


Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

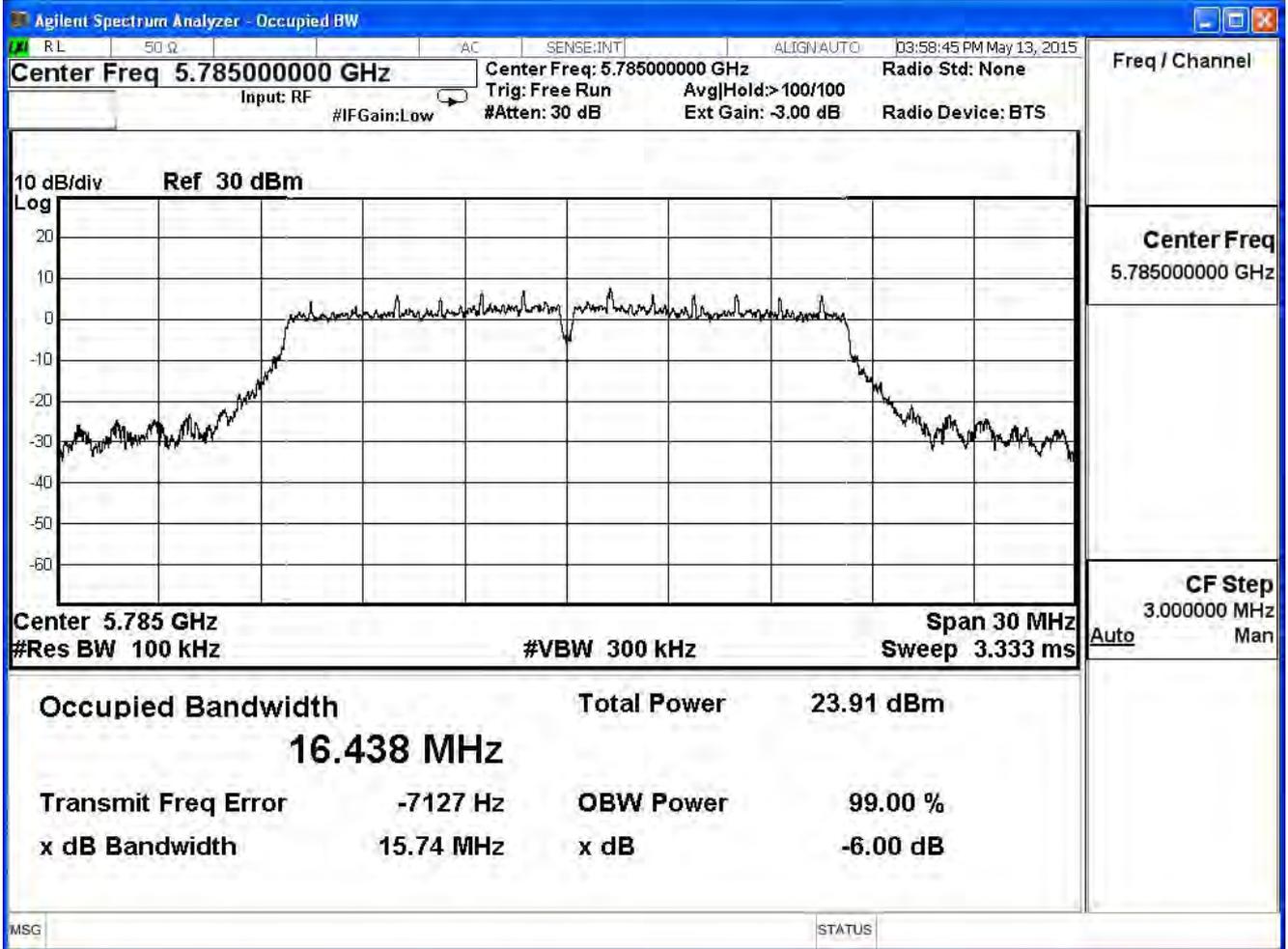
802.11 a (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	15.48	≥ 0.5	Pass
157	5785	15.74	≥ 0.5	Pass
165	5825	16.28	≥ 0.5	Pass

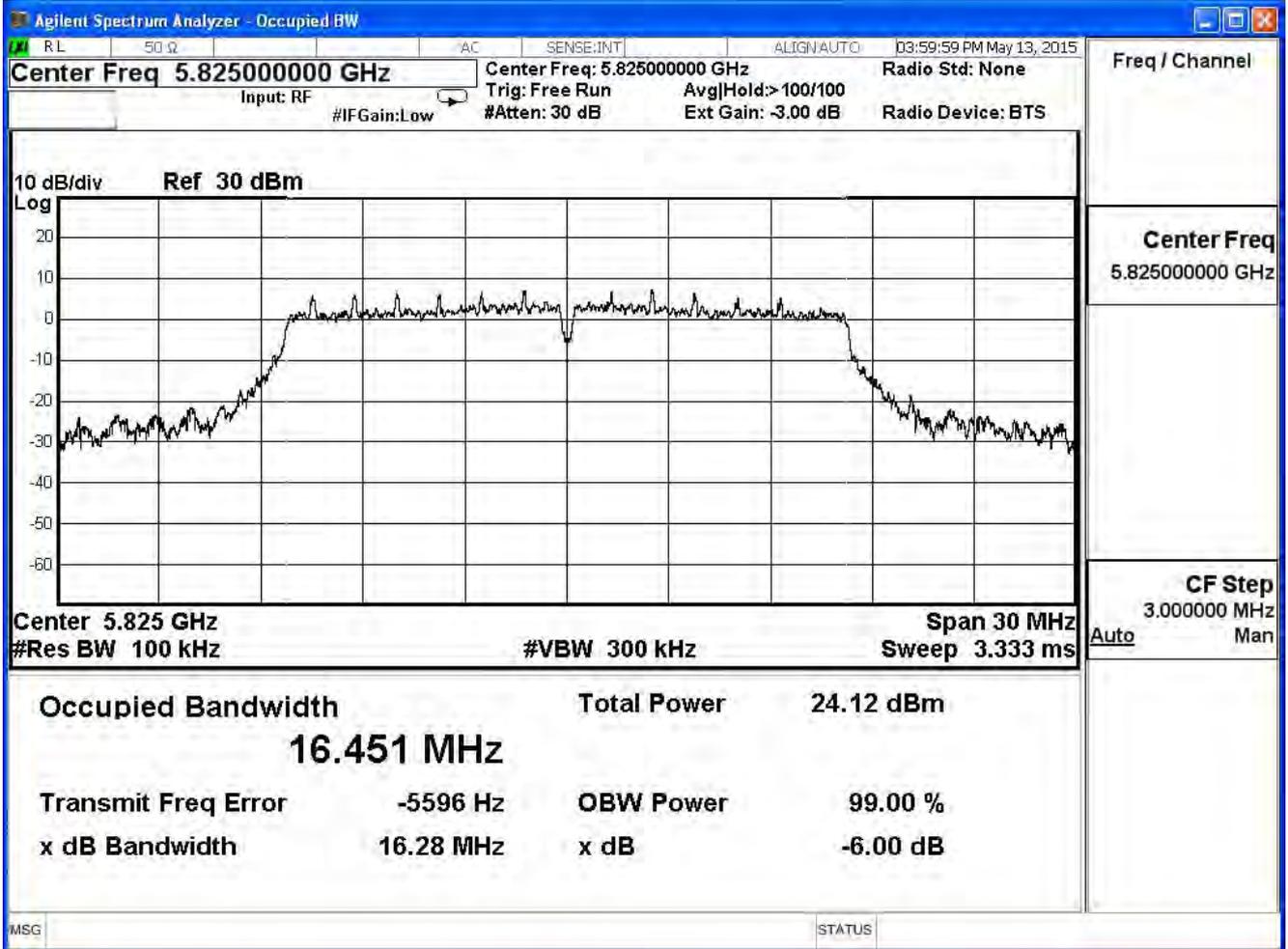
Channel 149



Channel 157



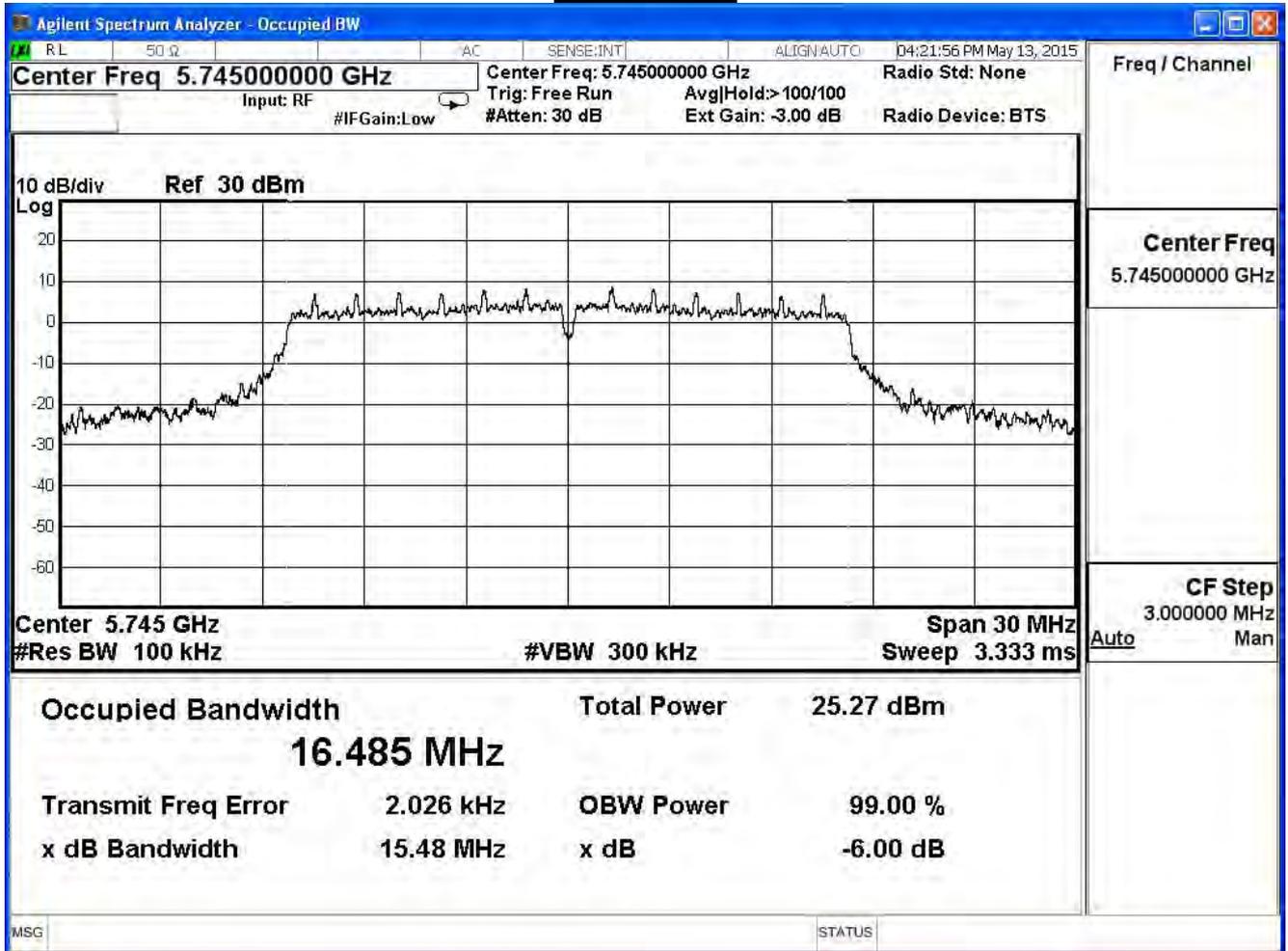
Channel 165



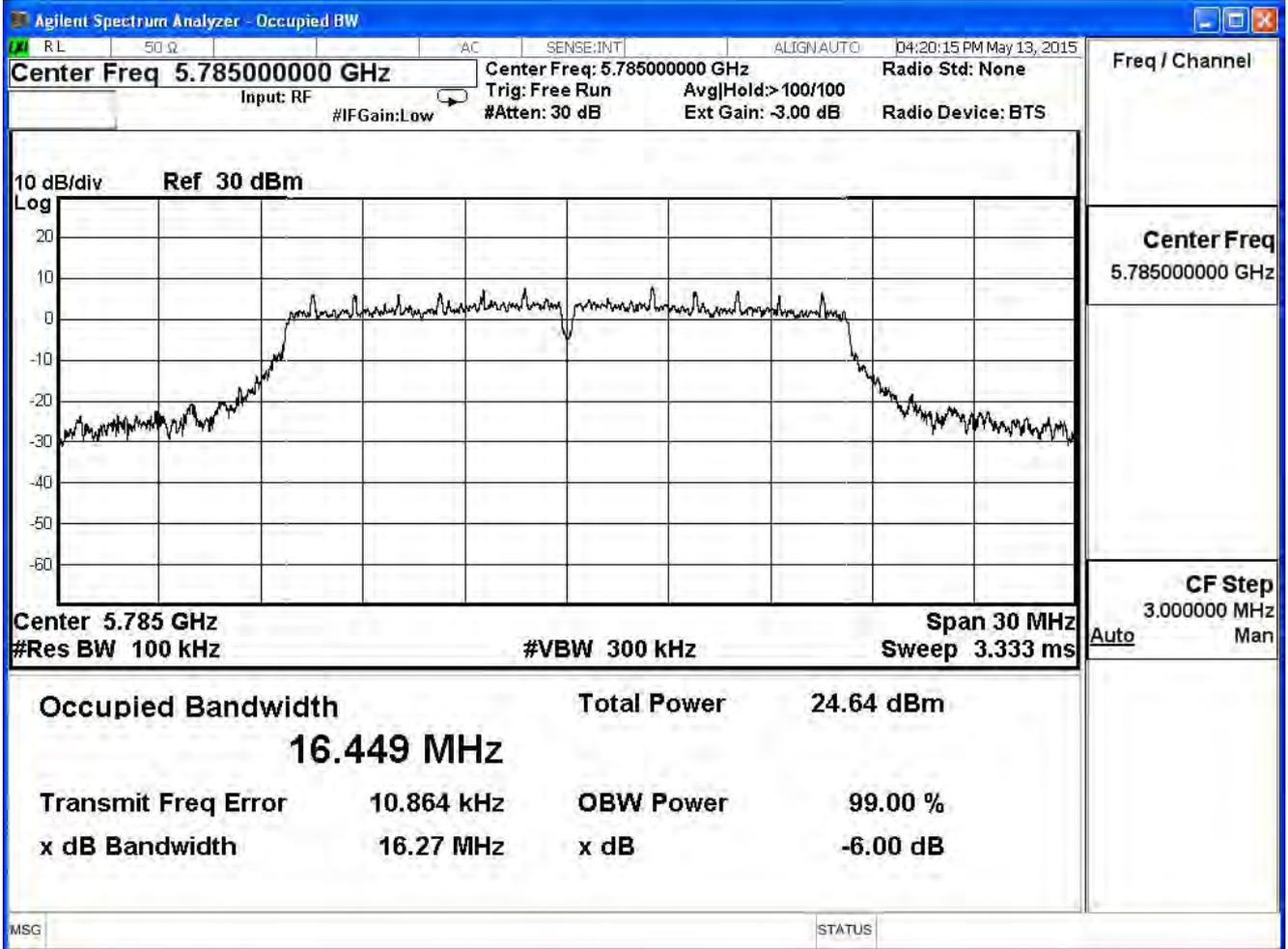
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	15.48	≥ 0.5	Pass
157	5785	16.27	≥ 0.5	Pass
165	5825	15.86	≥ 0.5	Pass

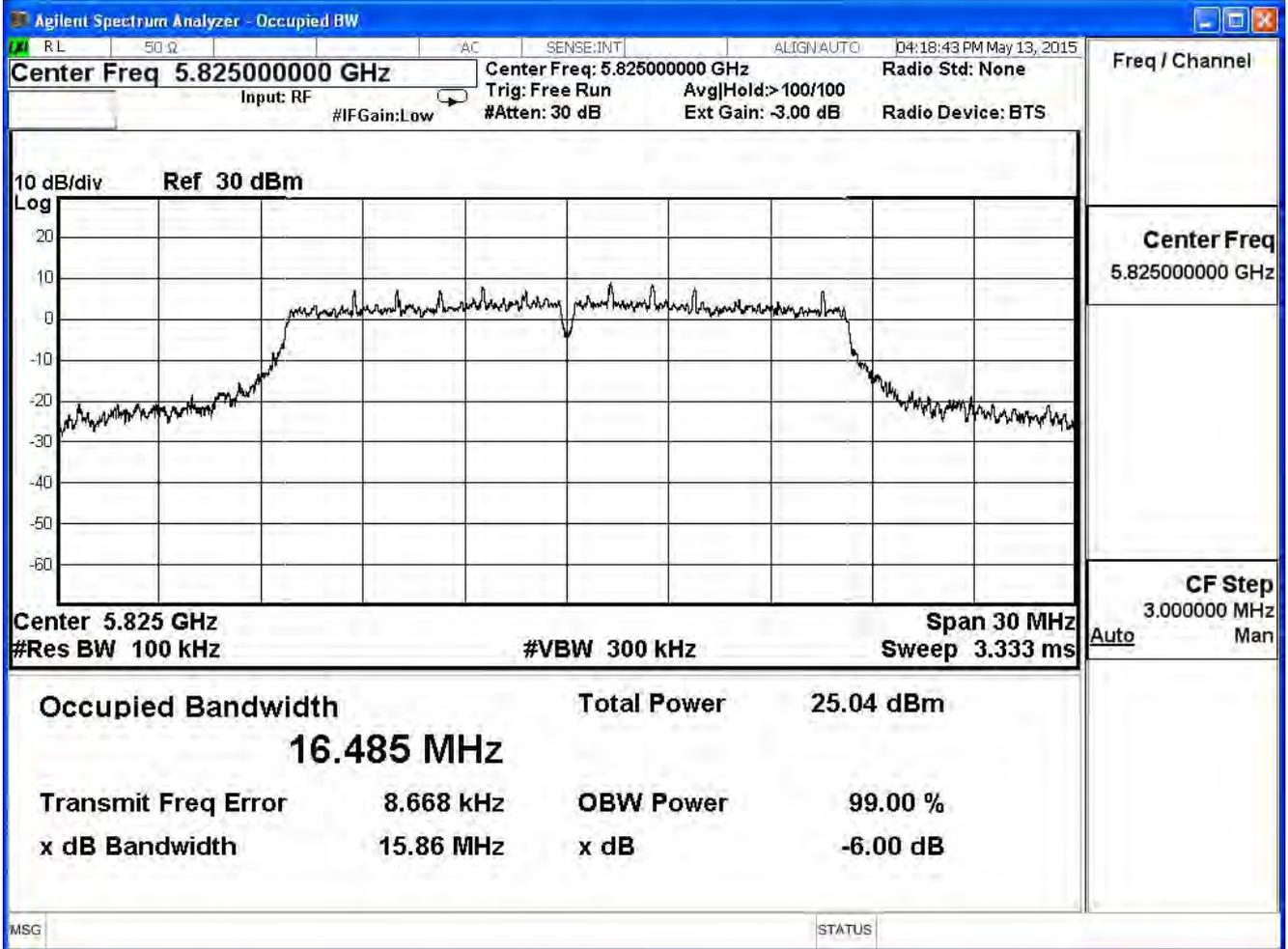
Channel 149



Channel 157



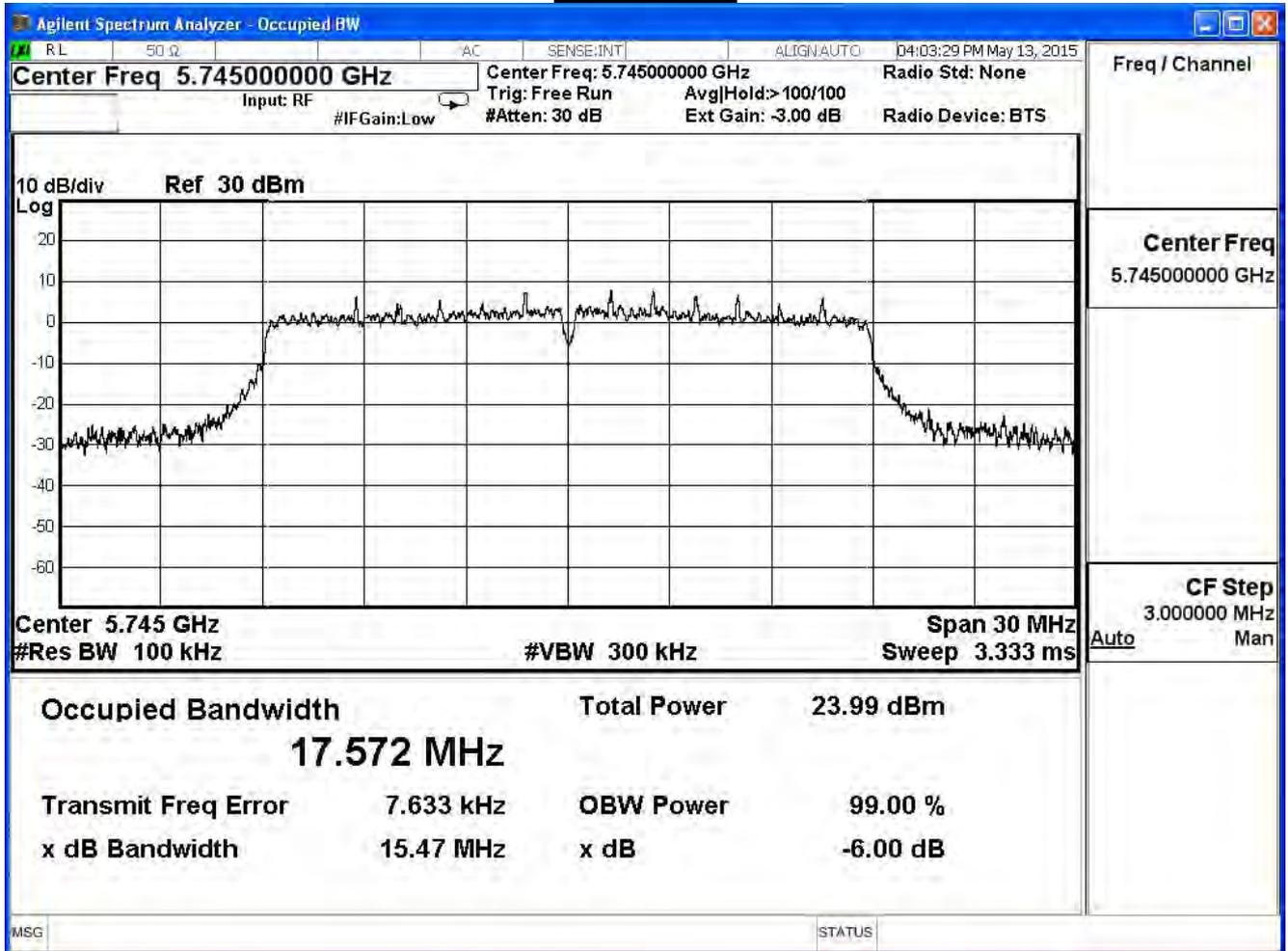
Channel 165



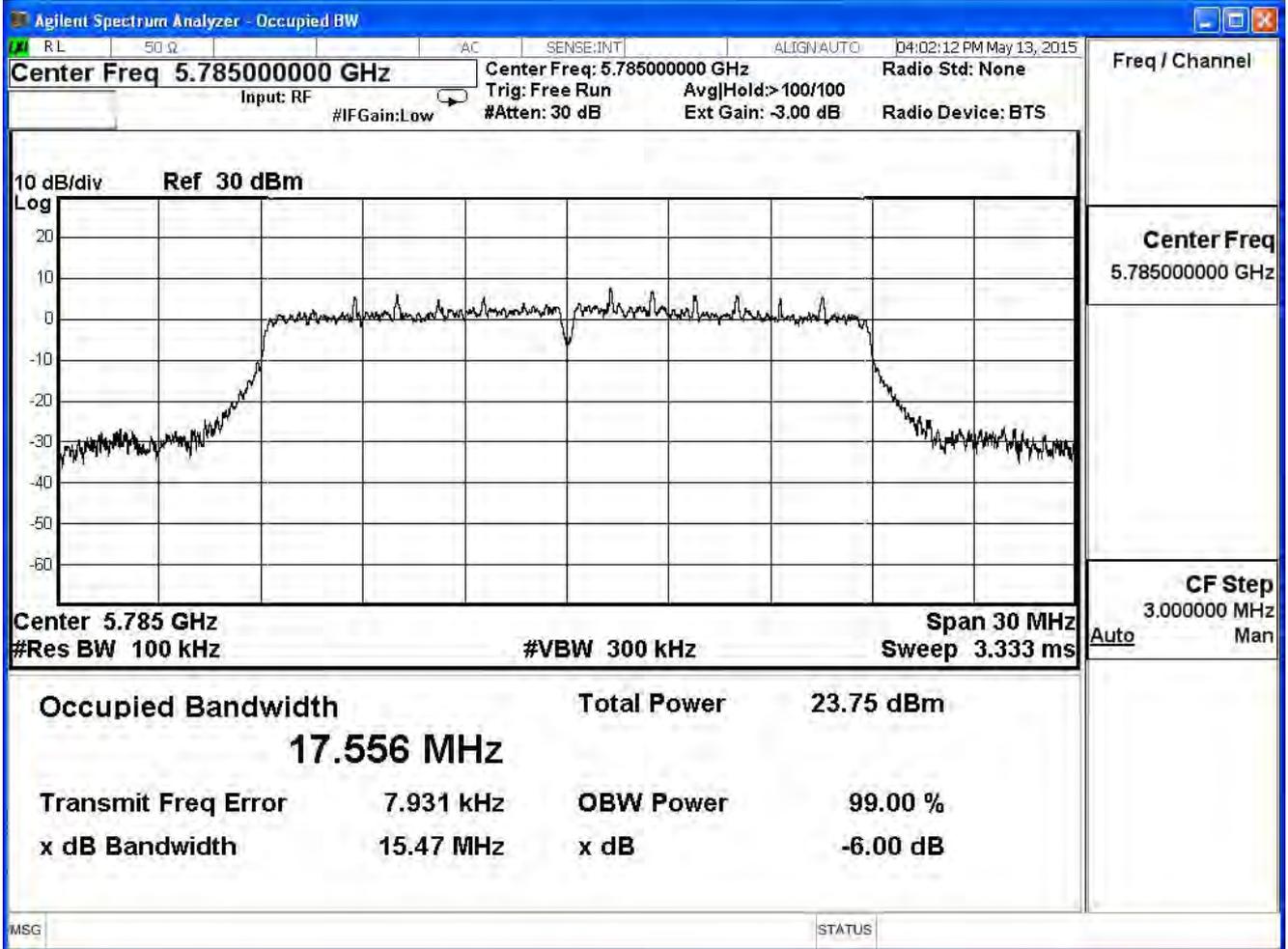
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	15.47	≥ 0.5	Pass
157	5785	15.47	≥ 0.5	Pass
165	5825	16.05	≥ 0.5	Pass

Channel 149



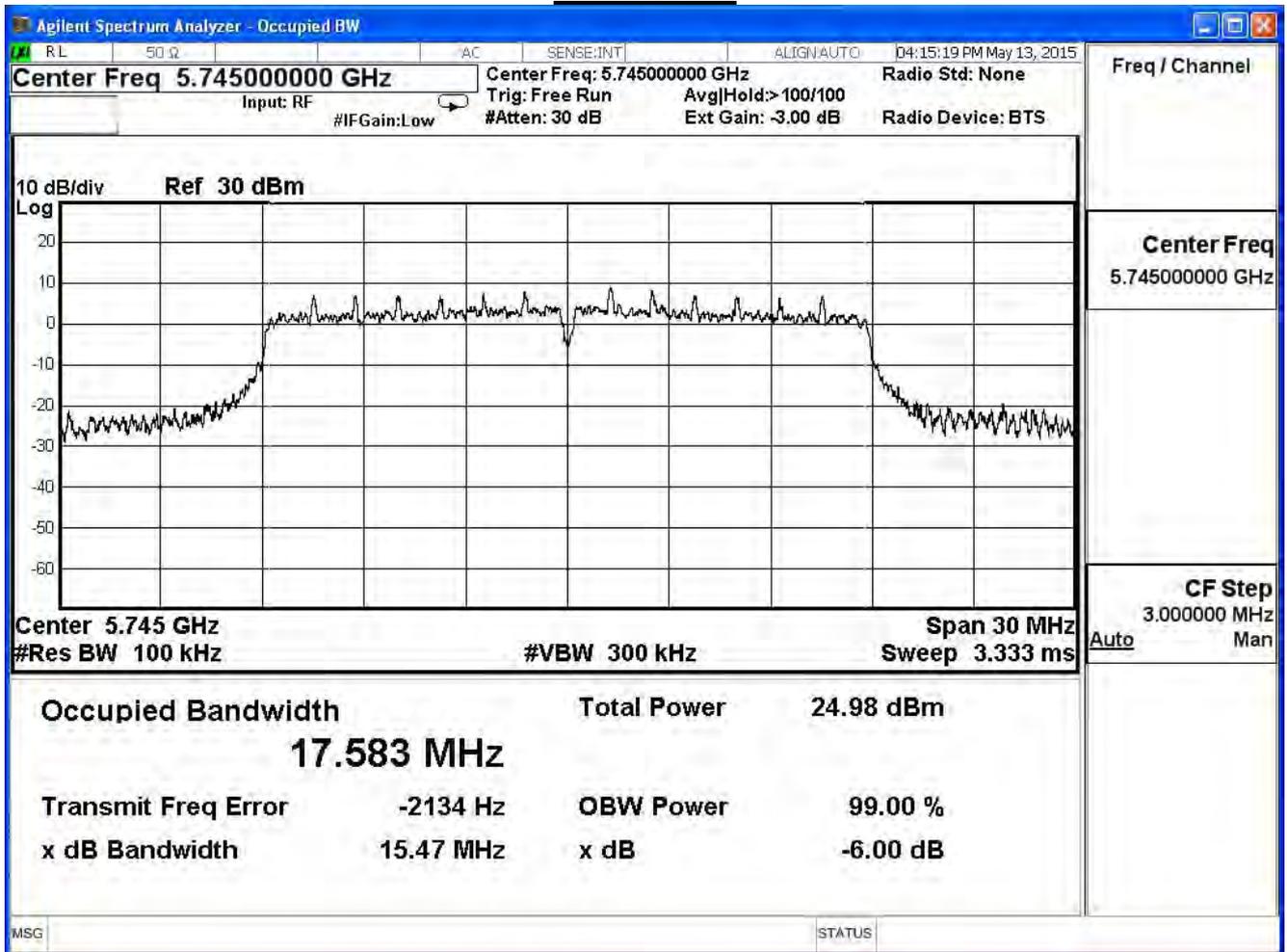
Channel 157



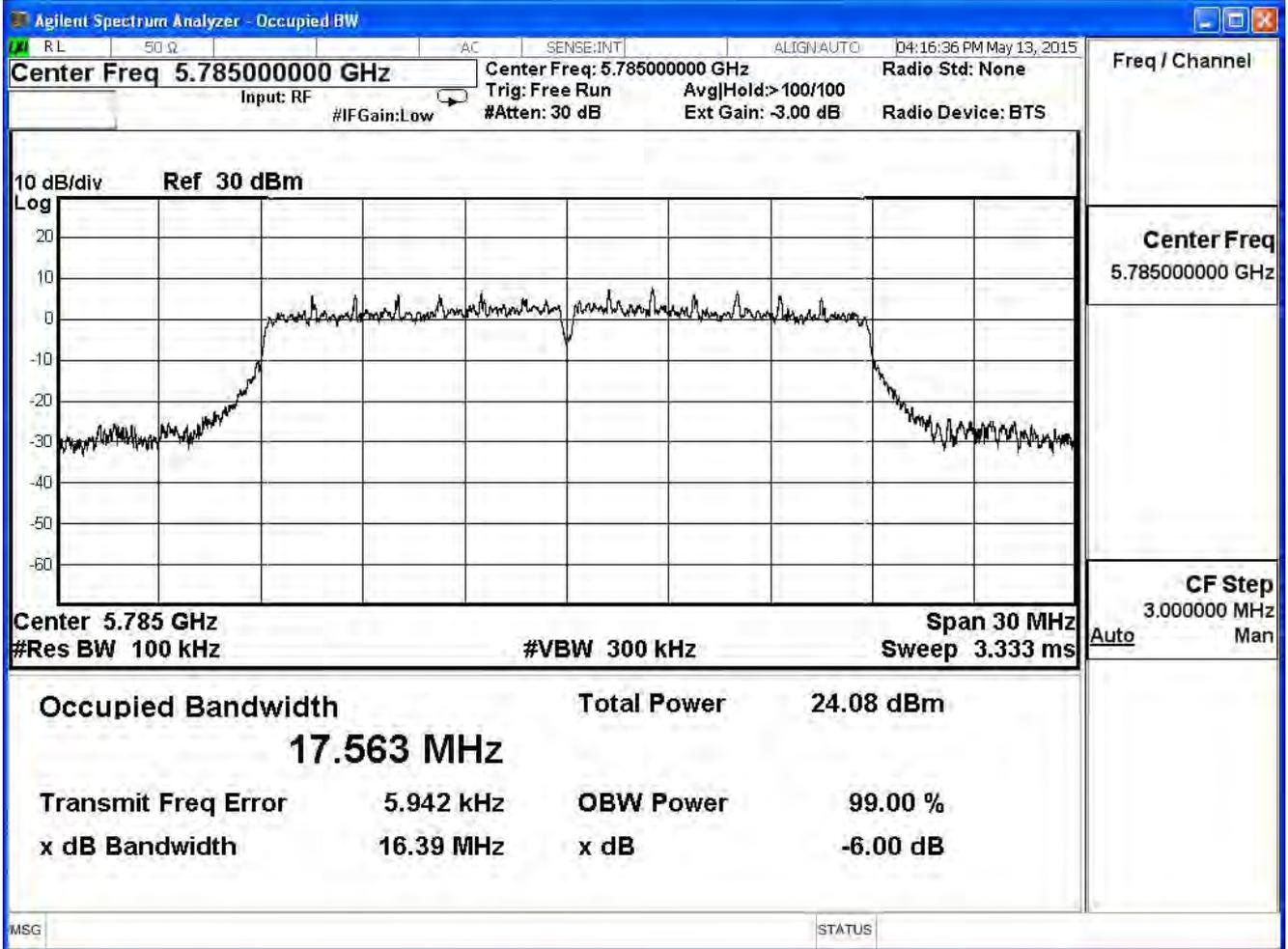
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	15.47	≥ 0.5	Pass
157	5785	16.39	≥ 0.5	Pass
165	5825	16.90	≥ 0.5	Pass

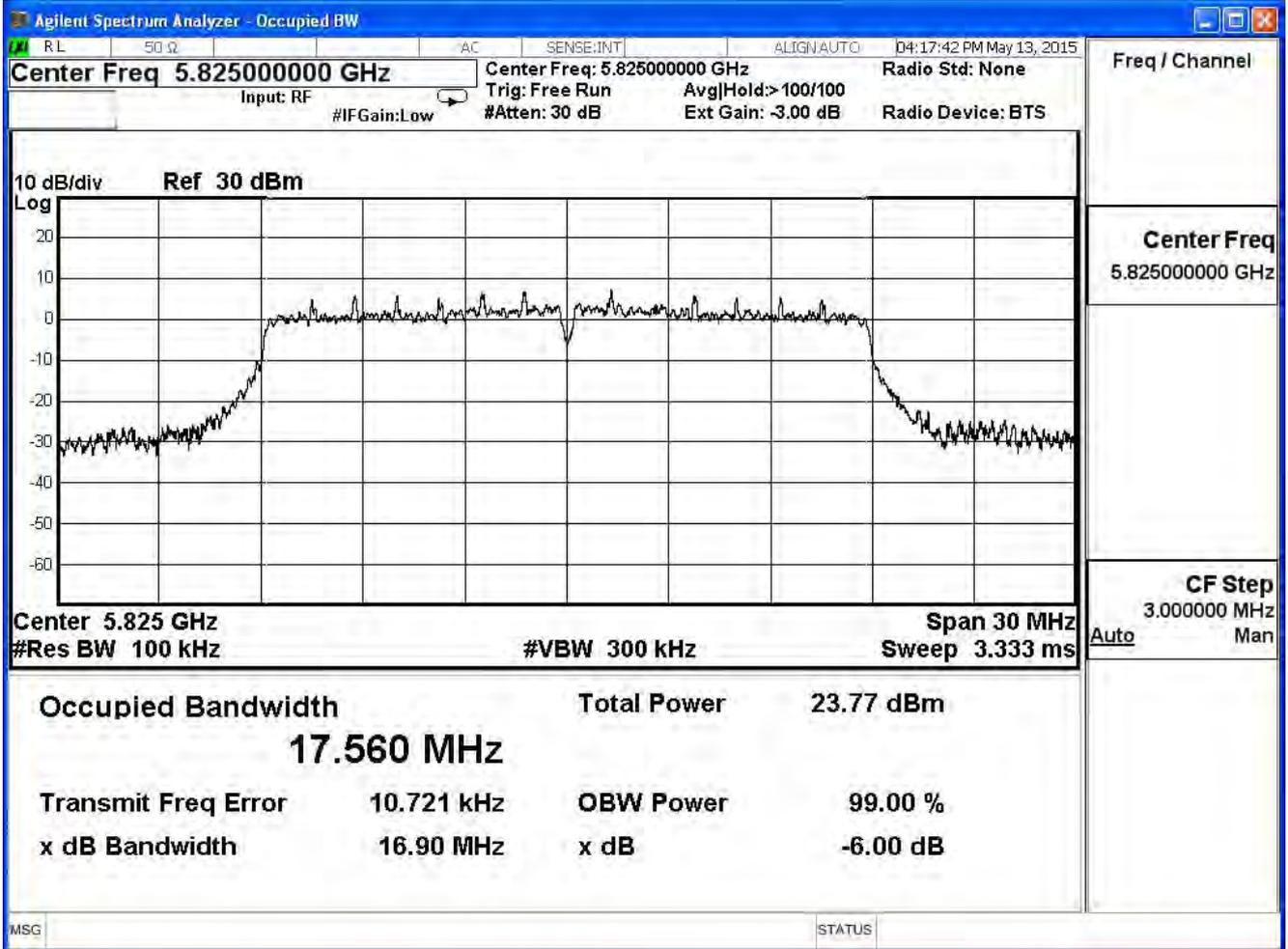
Channel 149



Channel 157



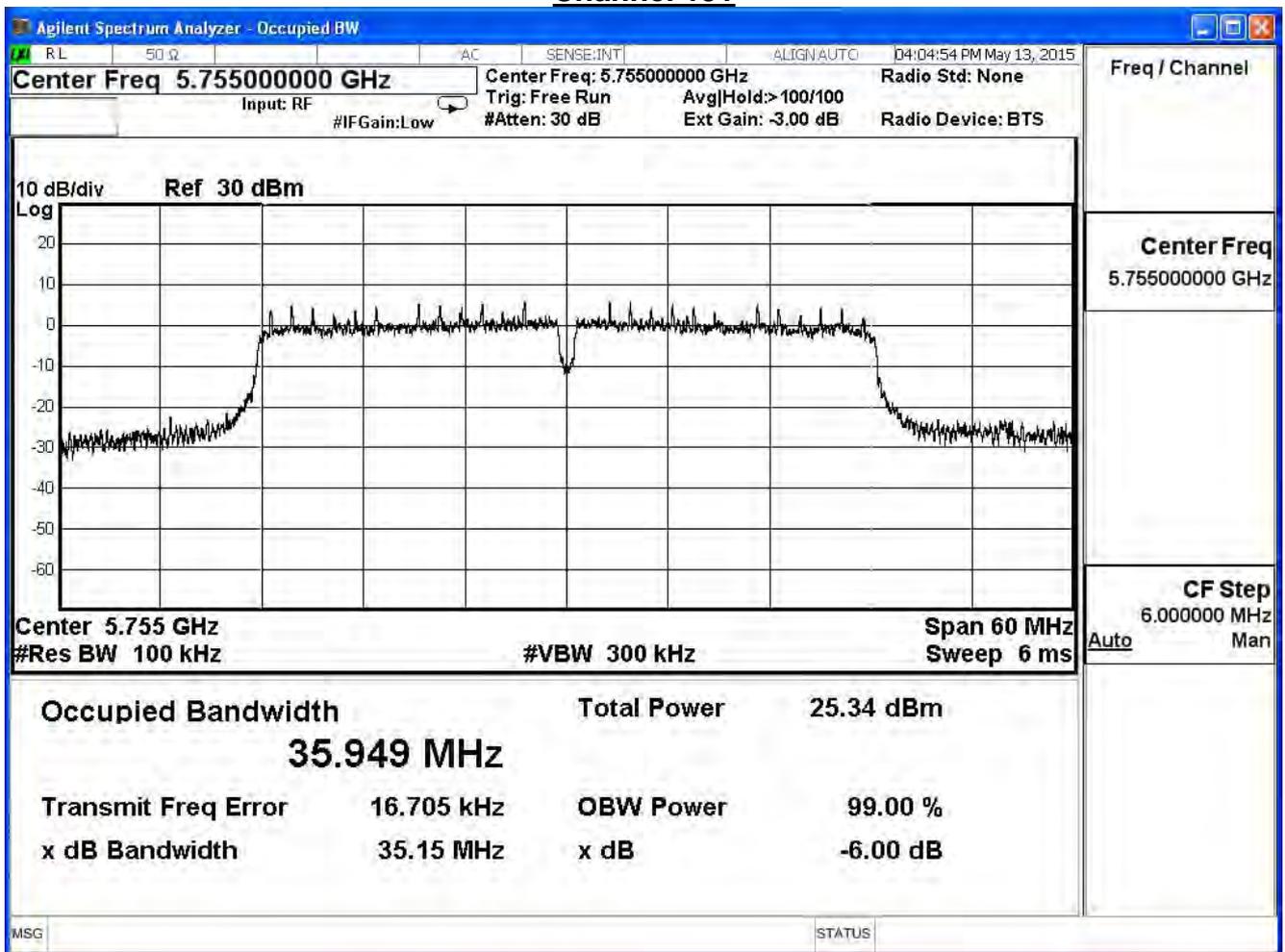
Channel 165



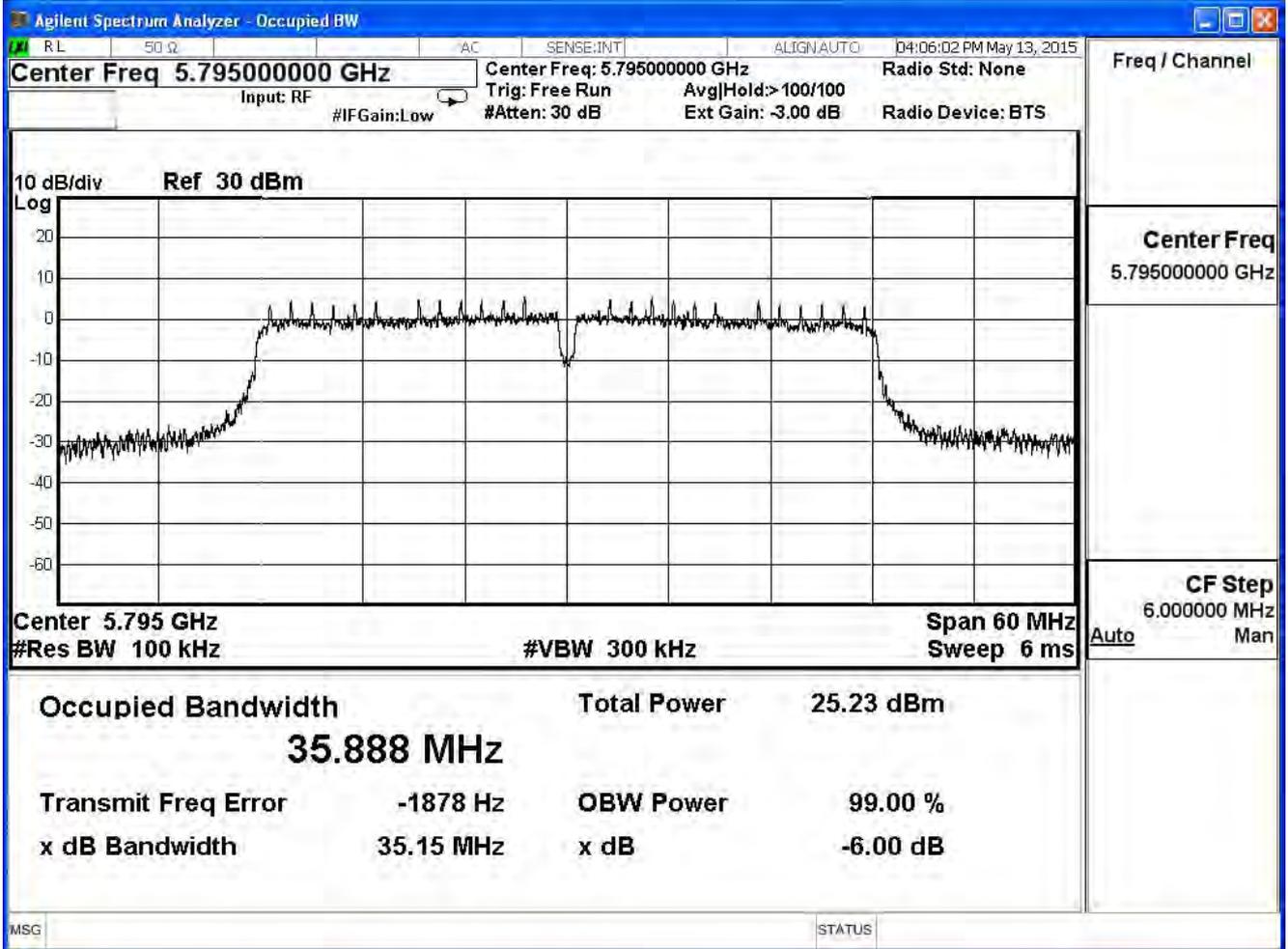
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.15	≥ 0.5	Pass
159	5795	35.15	≥ 0.5	Pass

Channel 151



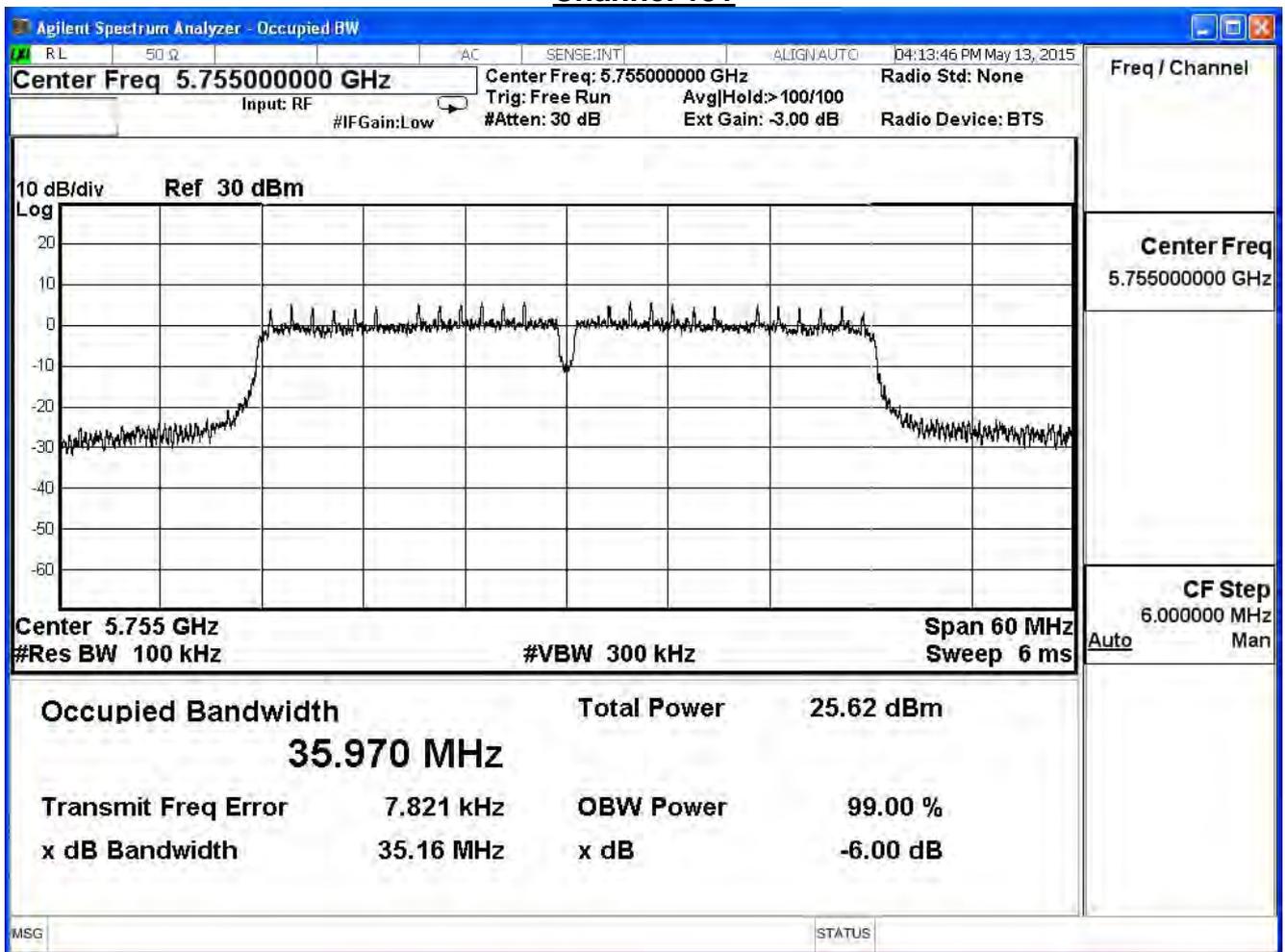
Channel 159



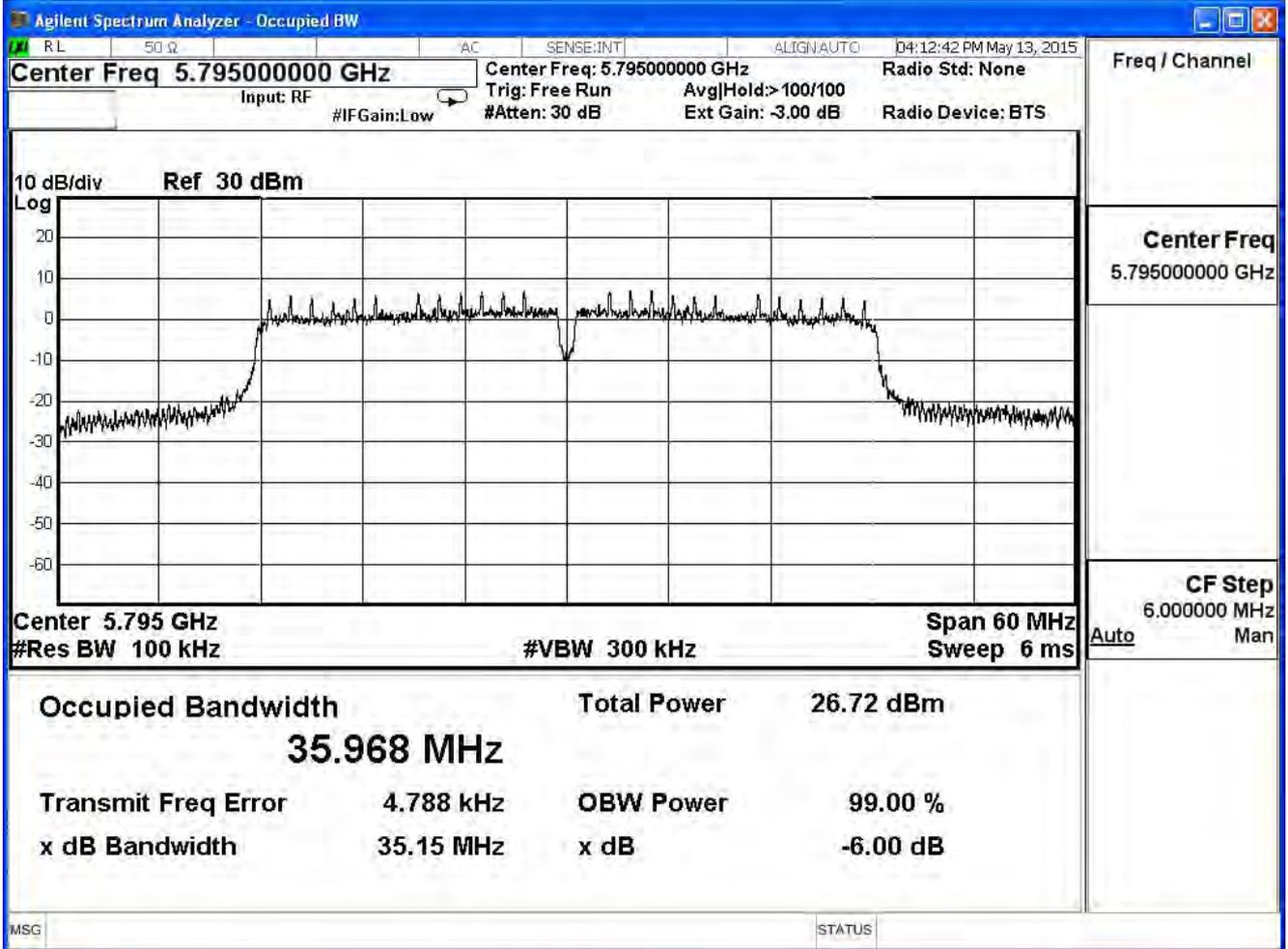
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.16	≥ 0.5	Pass
159	5795	35.15	≥ 0.5	Pass

Channel 151



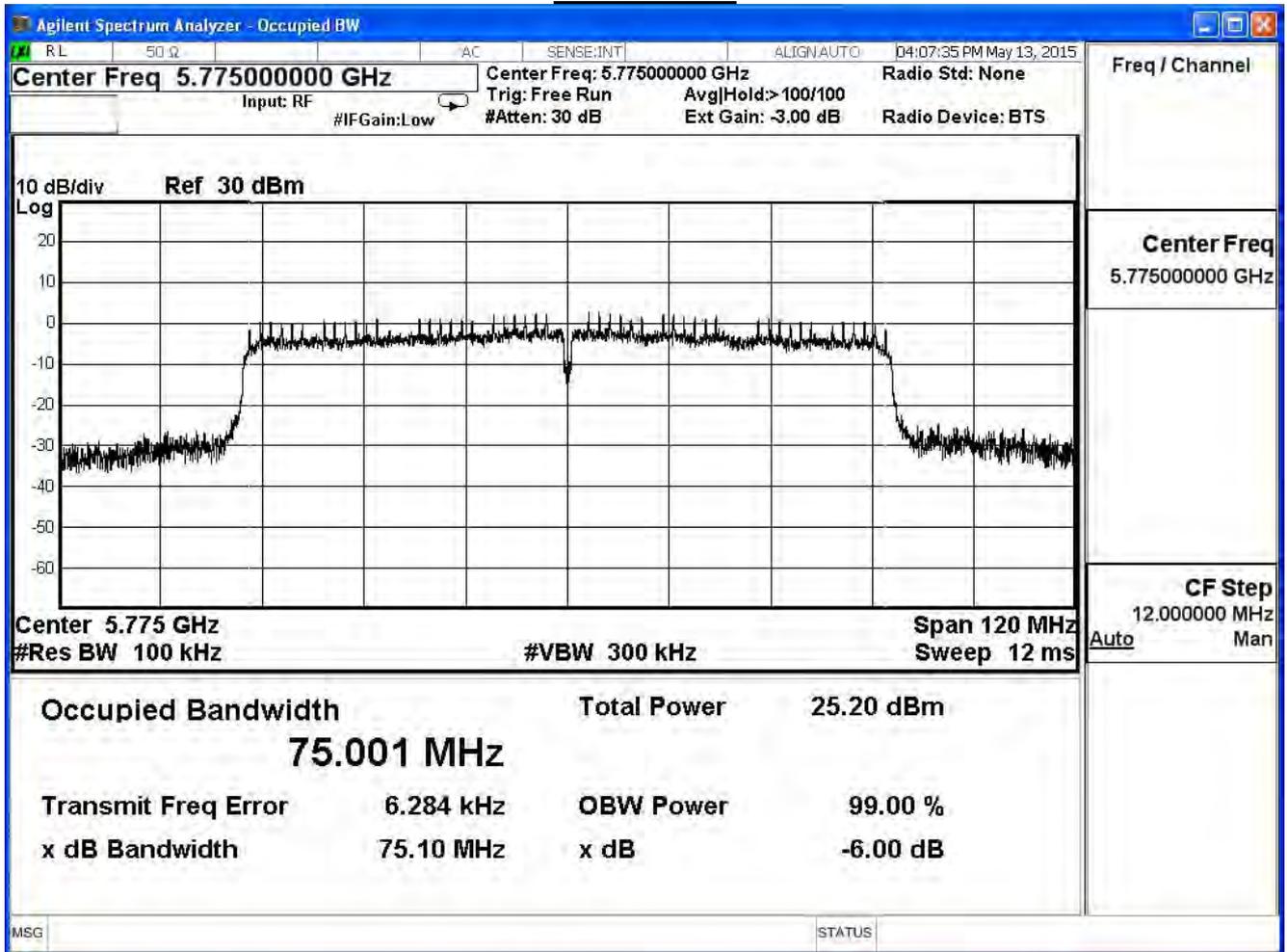
Channel 159



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11ac (80MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.10	--	Pass

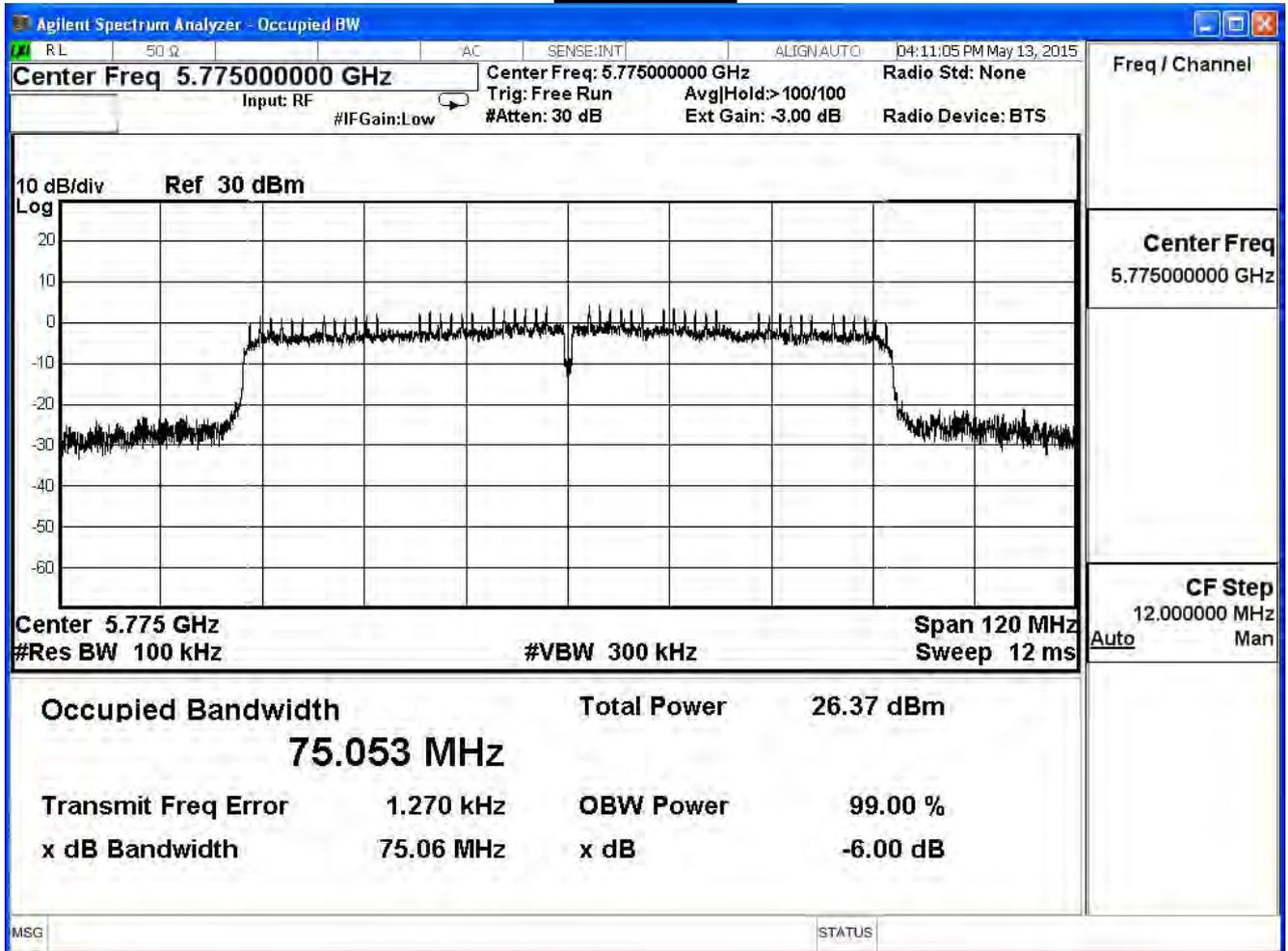
Channel 155



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11ac (80MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.06	--	Pass

Channel 155



8. Occupied Bandwidth

8.1. Test Equipment

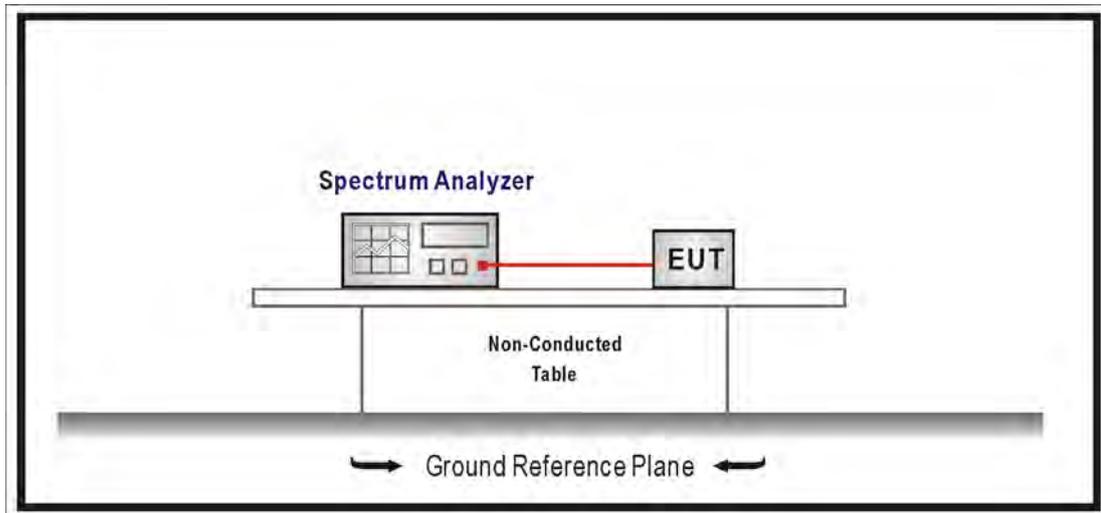
The following test equipments are used during the test:

Occupied Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

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

8.2. Test Setup



8.3. Test Procedures

The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 1-5% of the OBW, Set the VBW \geq 3xRBW, Sweep Time=Auto.

8.4. Limits

NA

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

8.6. Uncertainty

The measurement uncertainty is defined as $\pm 150\text{Hz}$

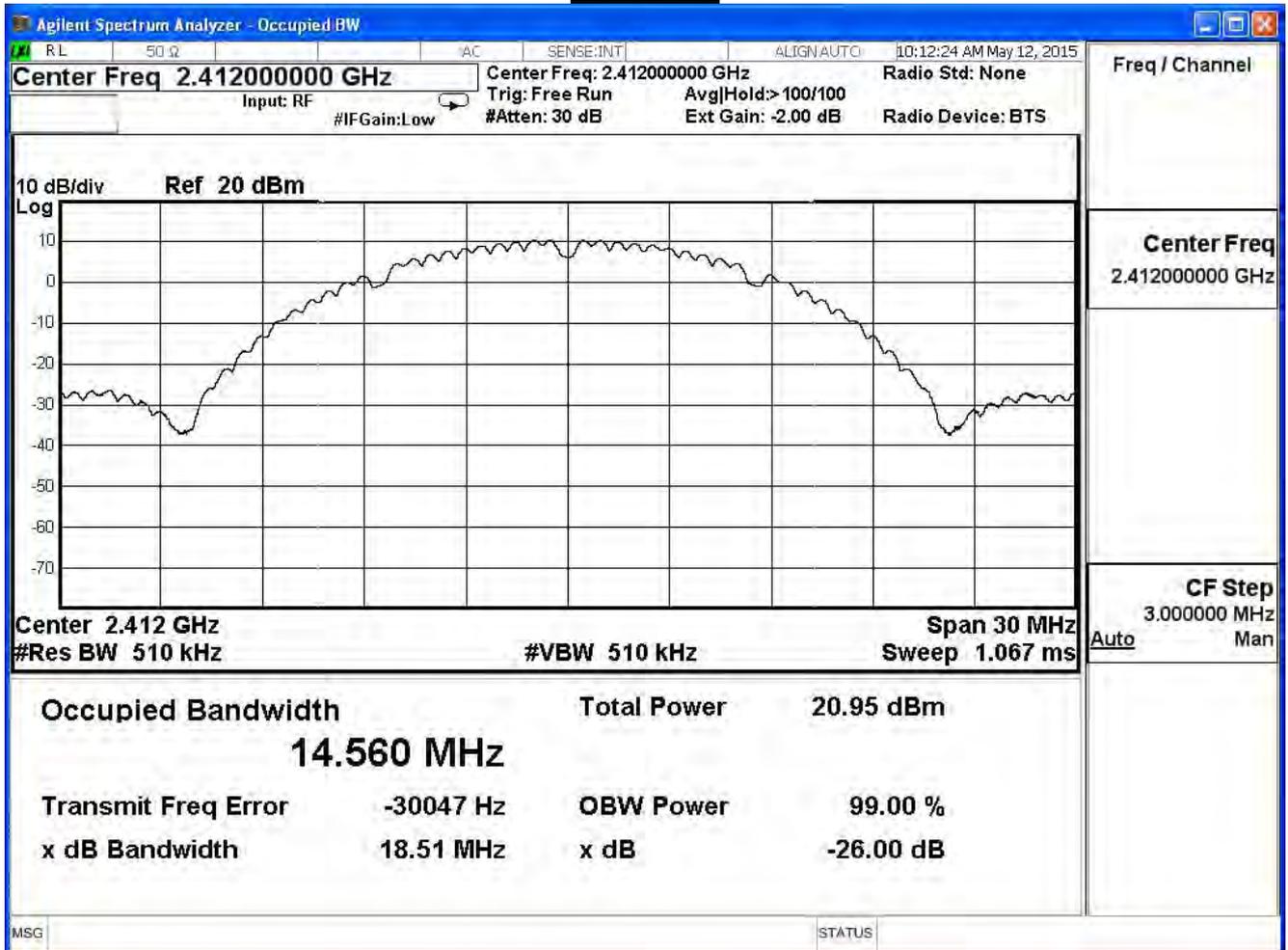
8.7. Test Result

Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

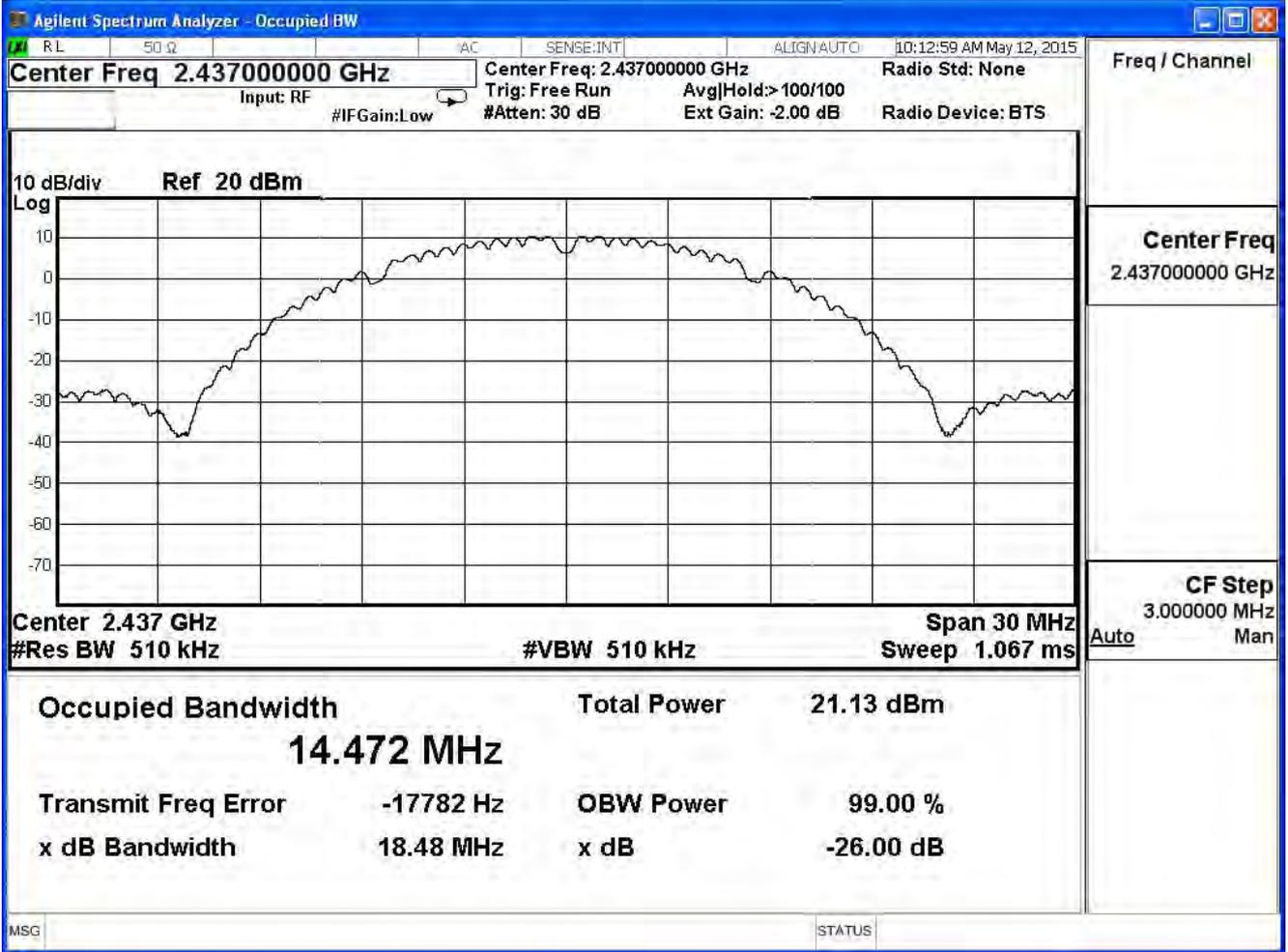
802.11 b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	14.560	≥ 0.5	Pass
6	2437	14.472	≥ 0.5	Pass
11	2462	14.532	≥ 0.5	Pass

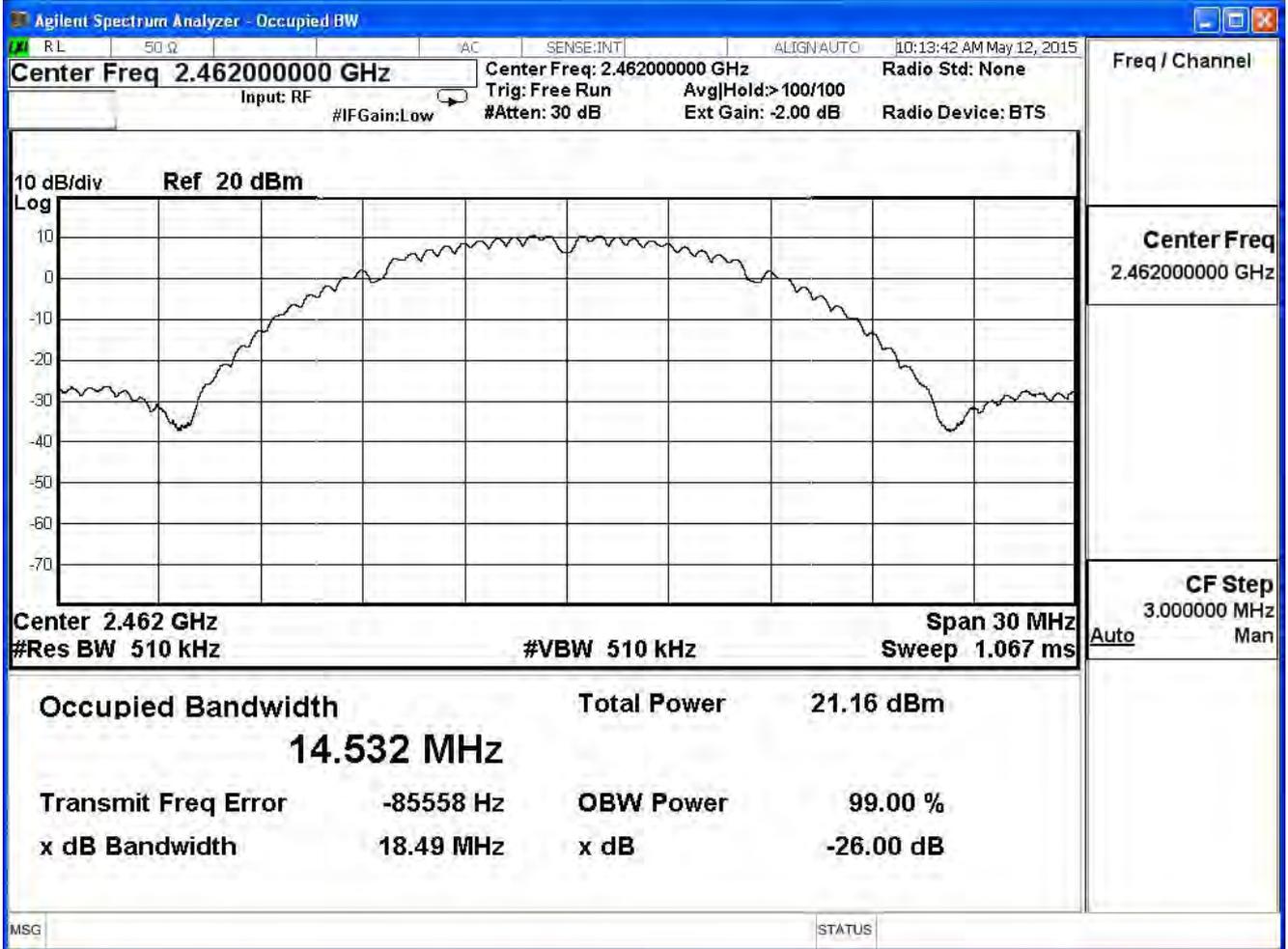
Channel 1



Channel 6



Channel 11

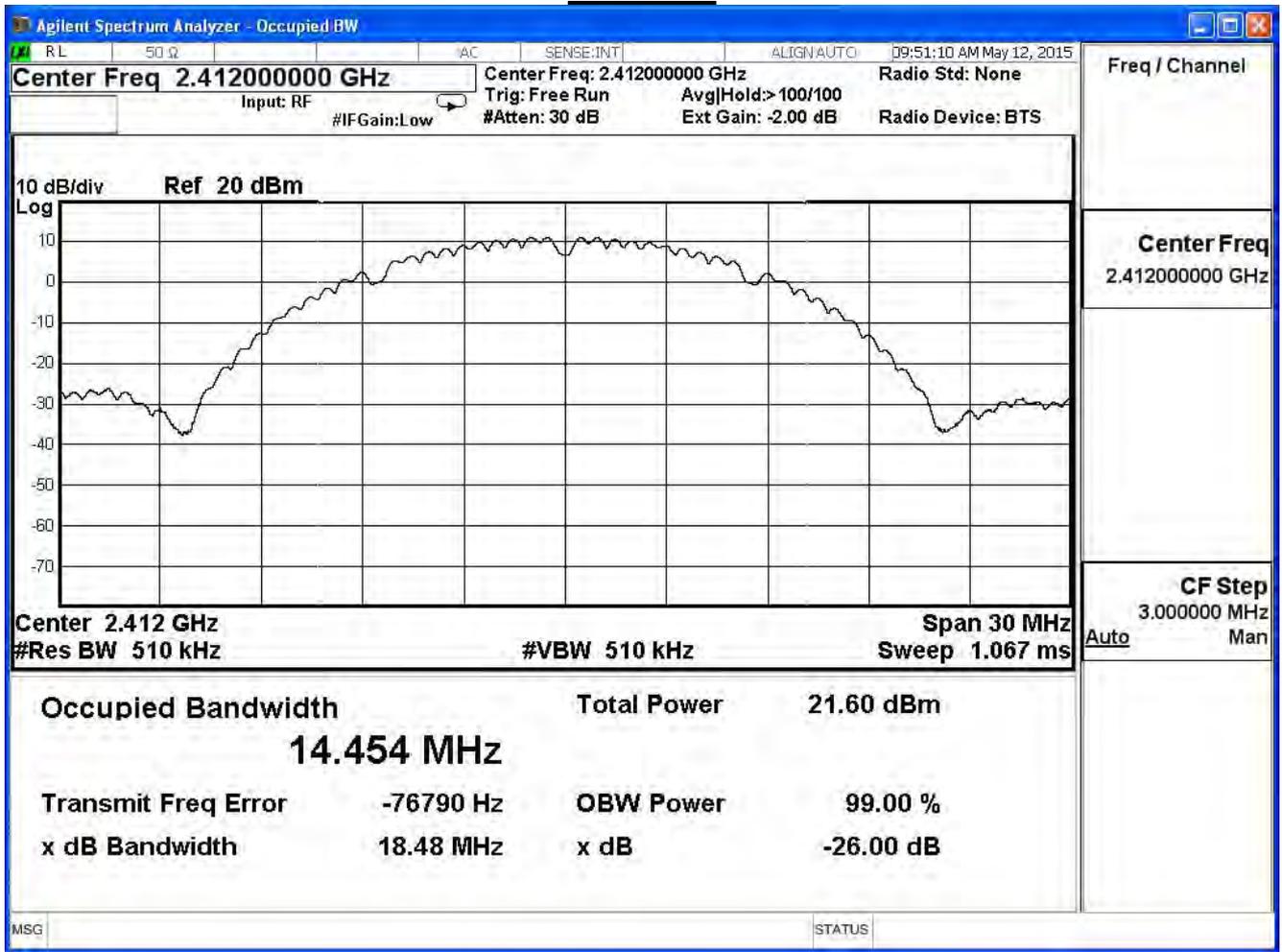


Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

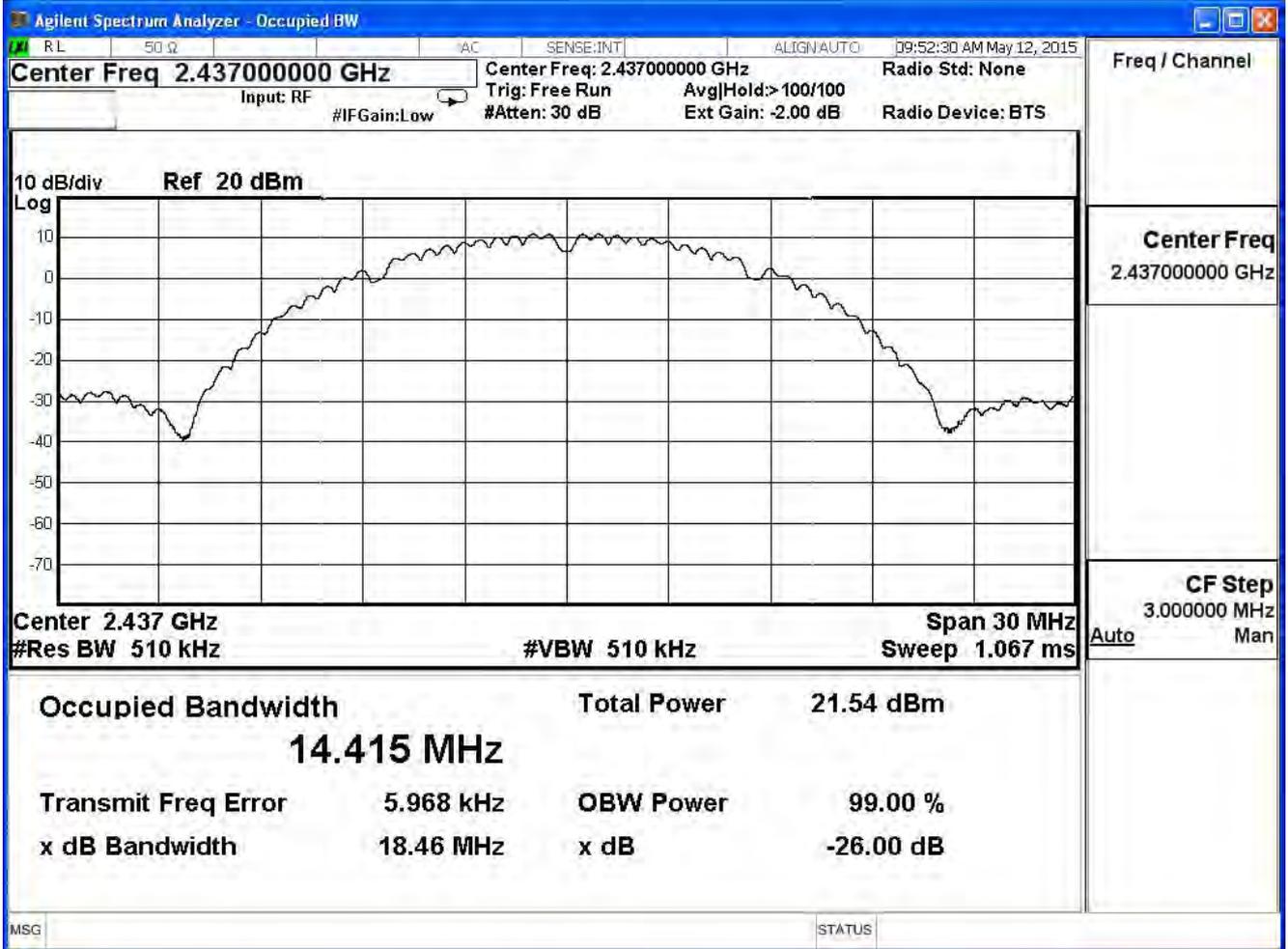
802.11 b (ANT 1)

Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	14.454	≥ 0.5	Pass
6	2437	14.415	≥ 0.5	Pass
11	2462	14.408	≥ 0.5	Pass

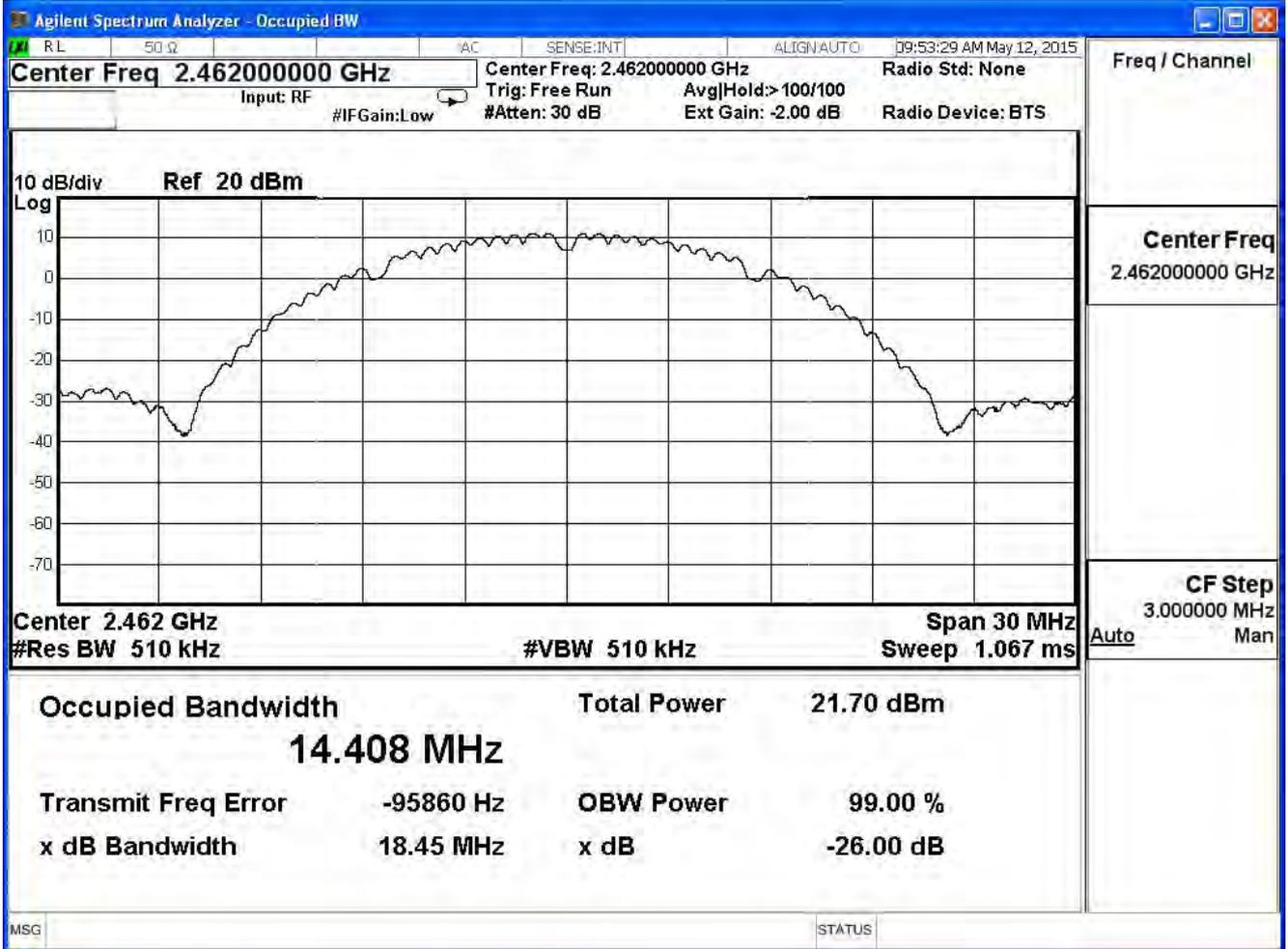
Channel 1



Channel 6



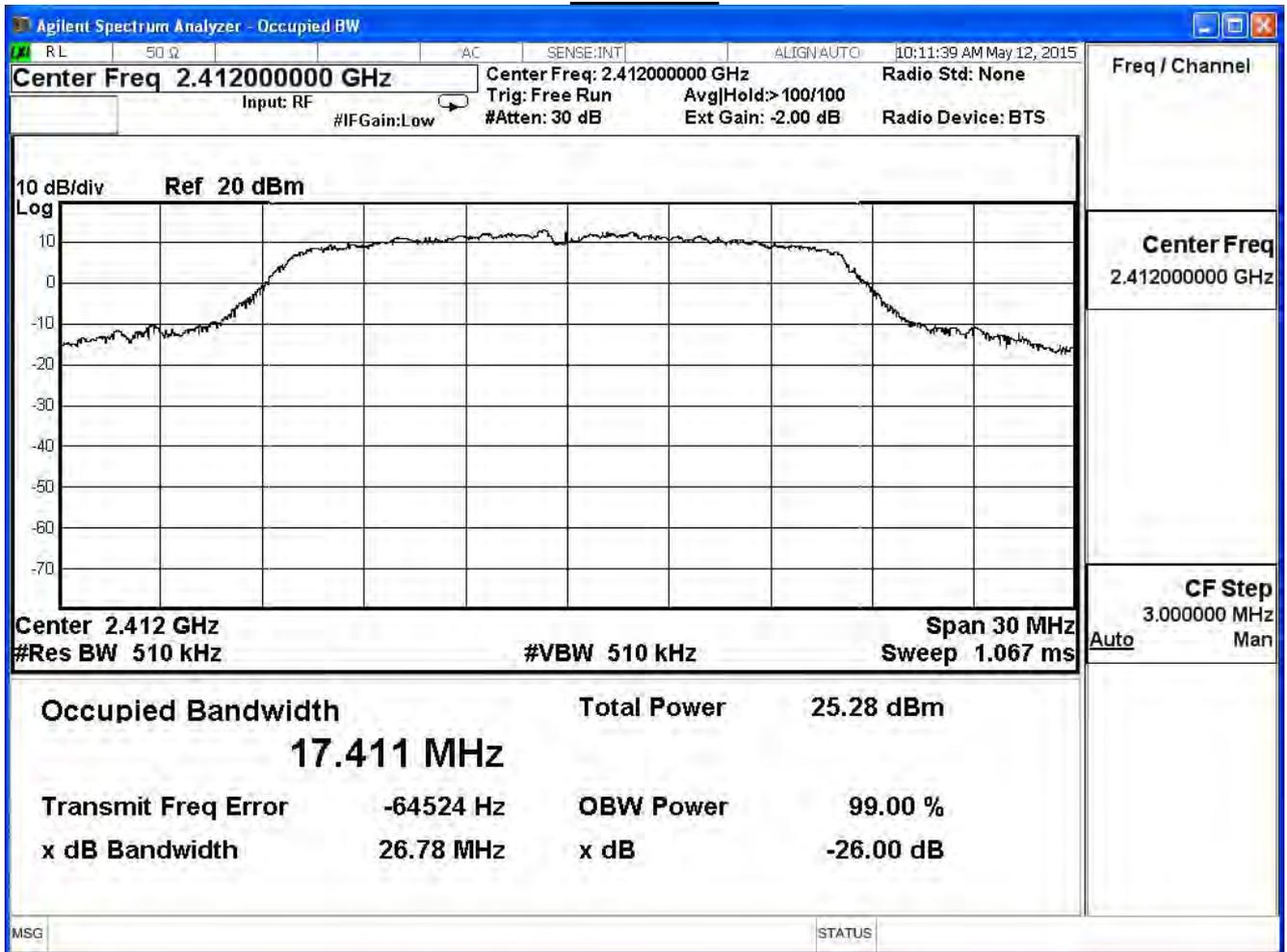
Channel 11



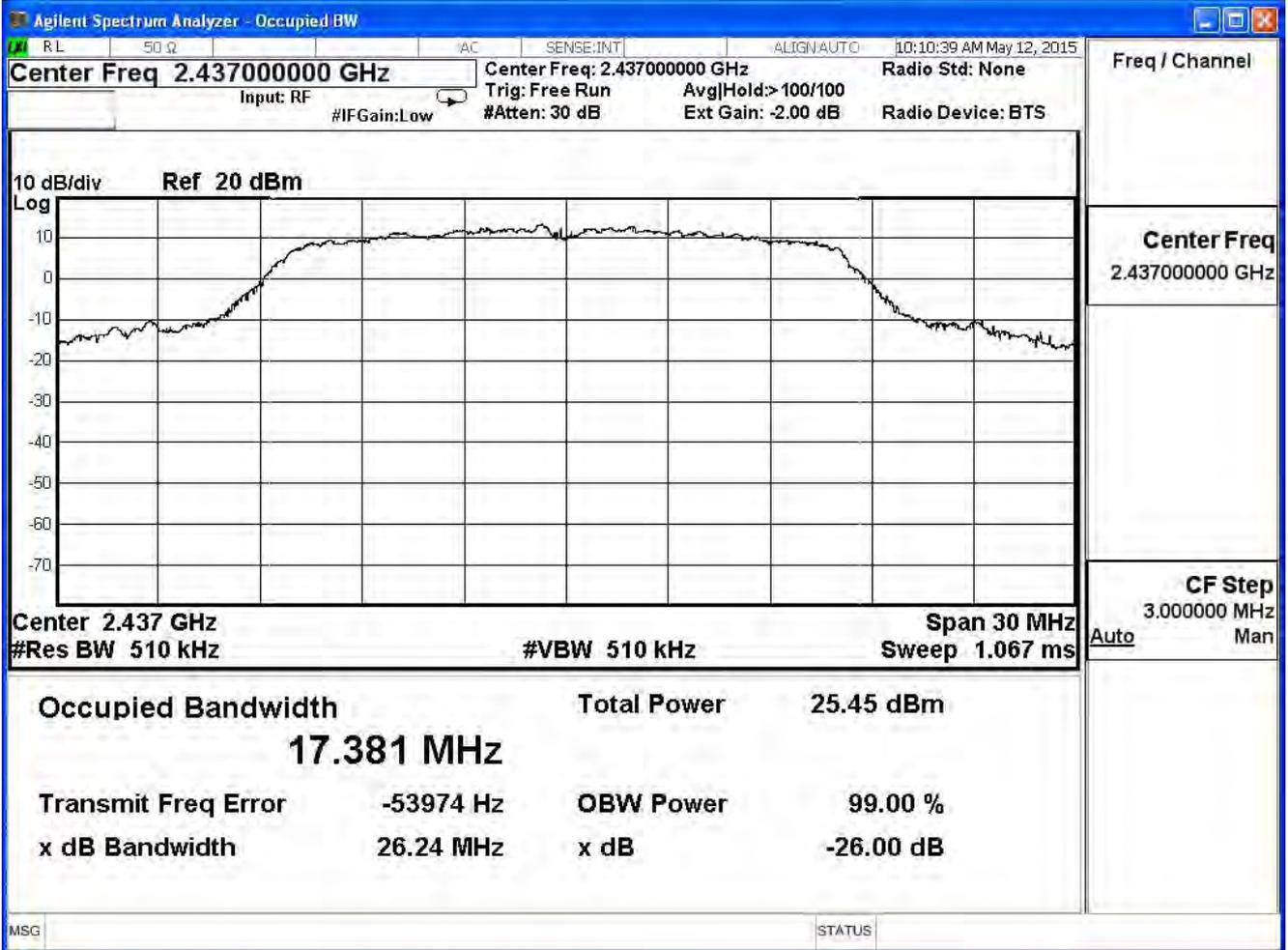
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	17.411	≥ 0.5	Pass
6	2437	17.381	≥ 0.5	Pass
11	2462	17.387	≥ 0.5	Pass

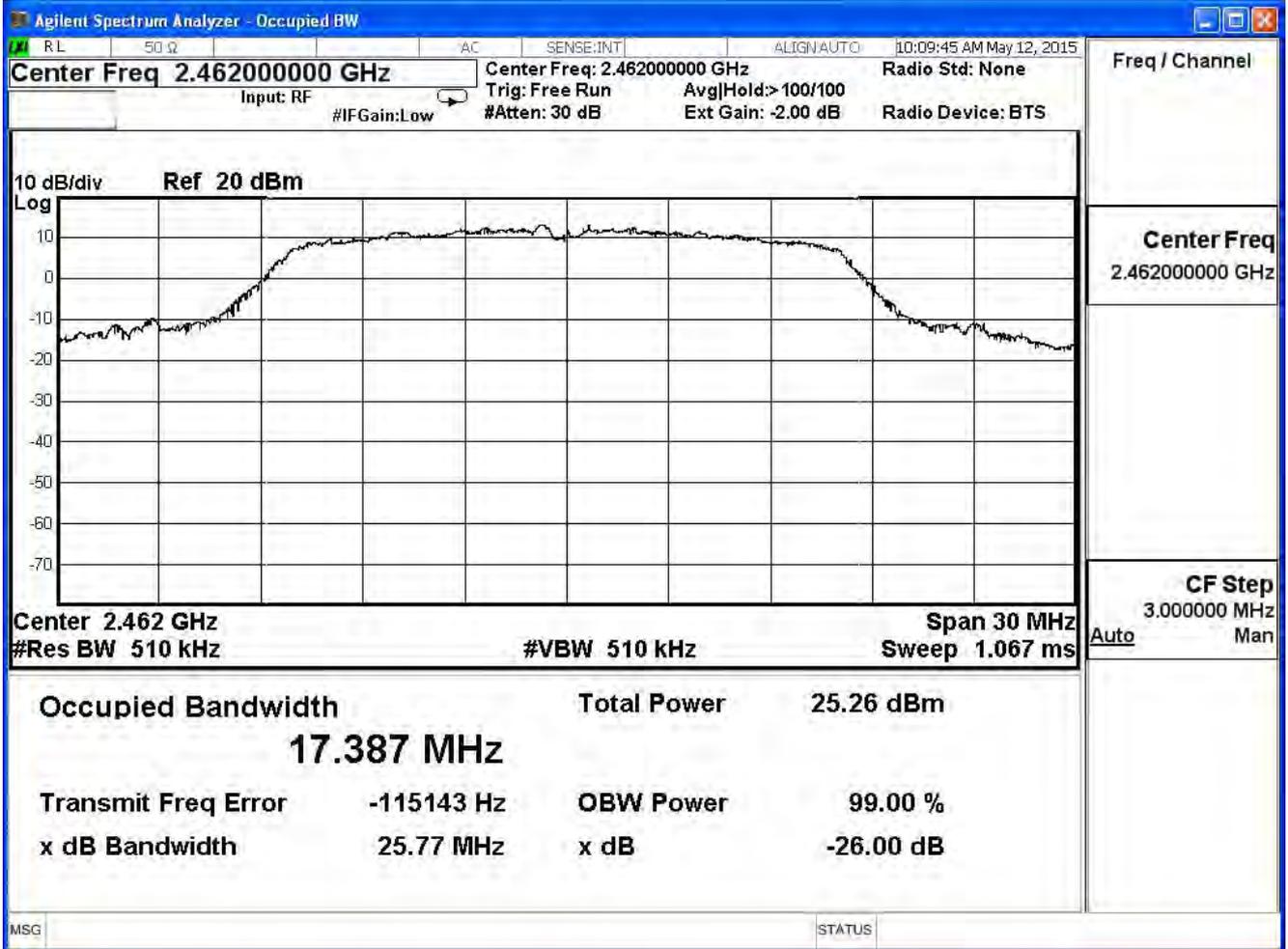
Channel 1



Channel 6



Channel 11

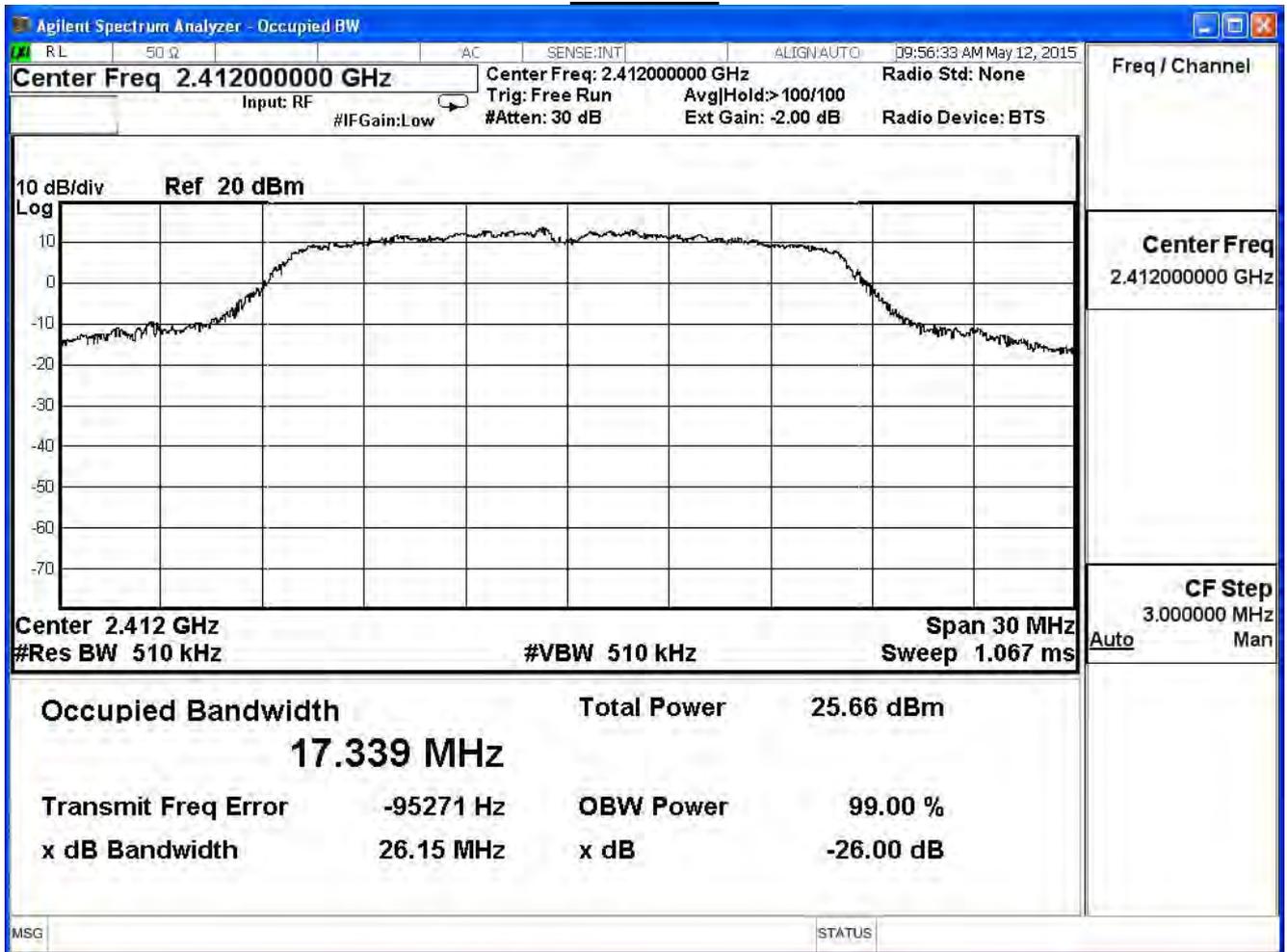


Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

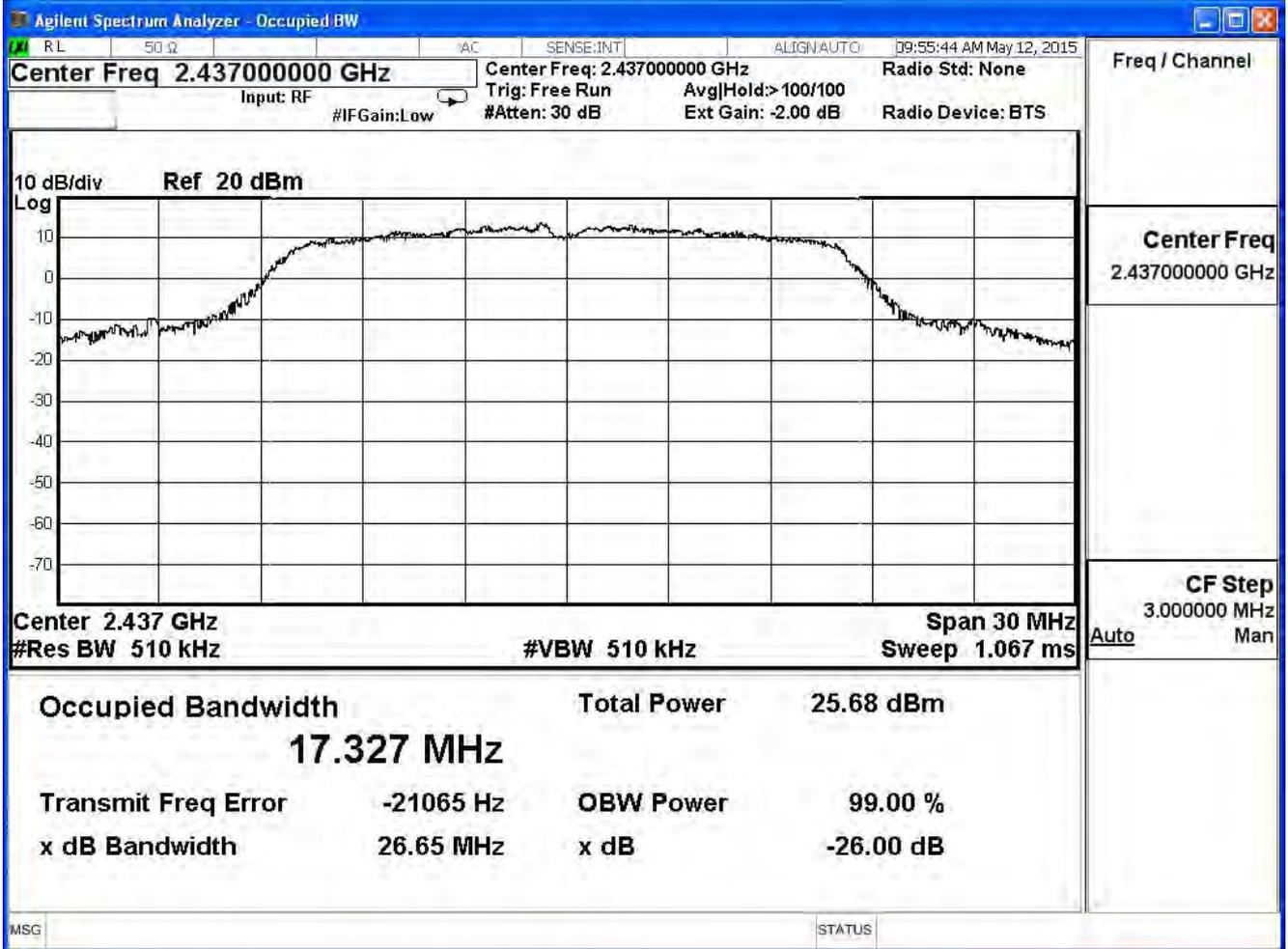
IEEE 802.11g (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.339	≥ 0.5	Pass
6	2437	17.327	≥ 0.5	Pass
11	2462	17.397	≥ 0.5	Pass

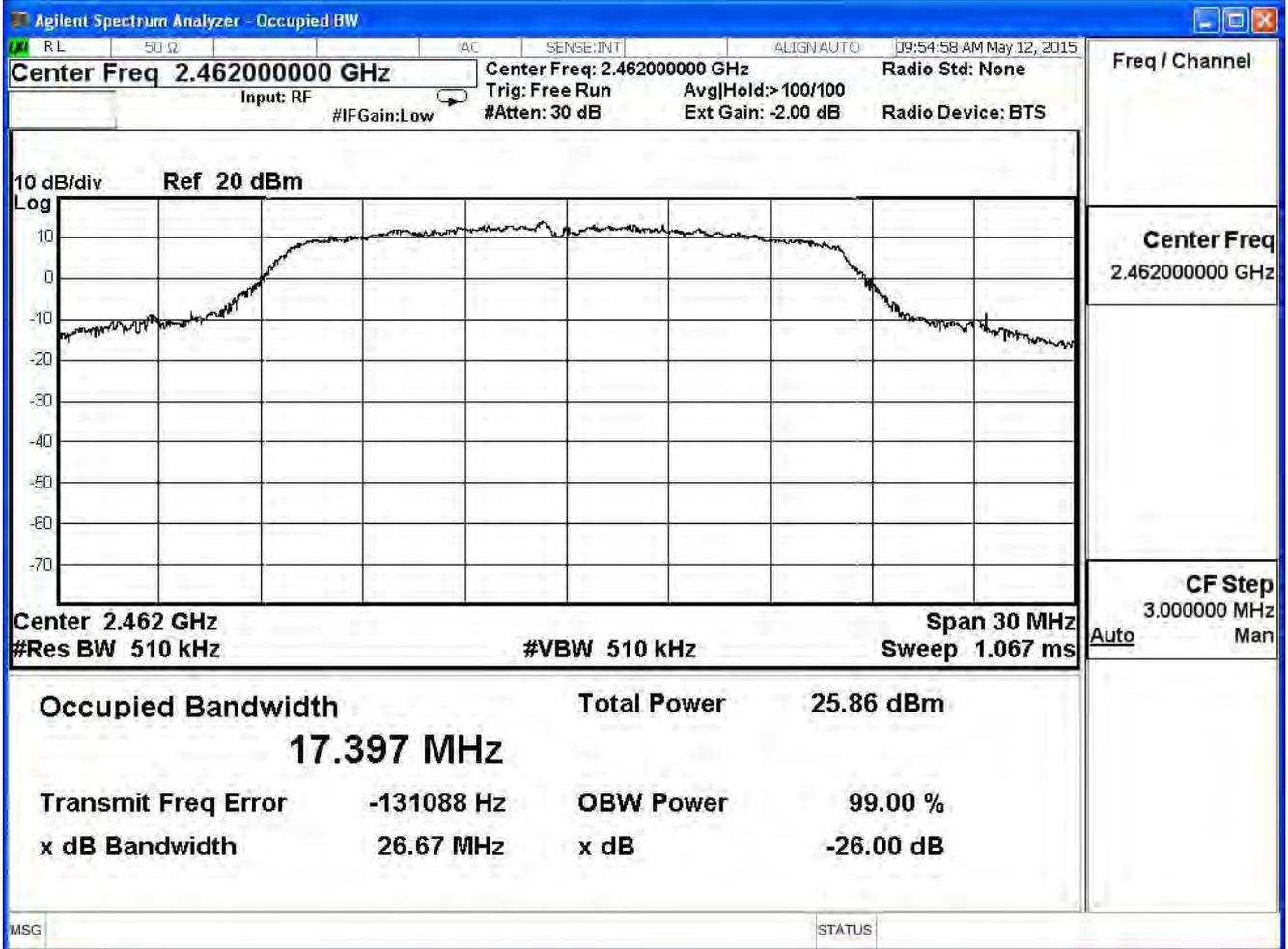
Channel 1



Channel 6



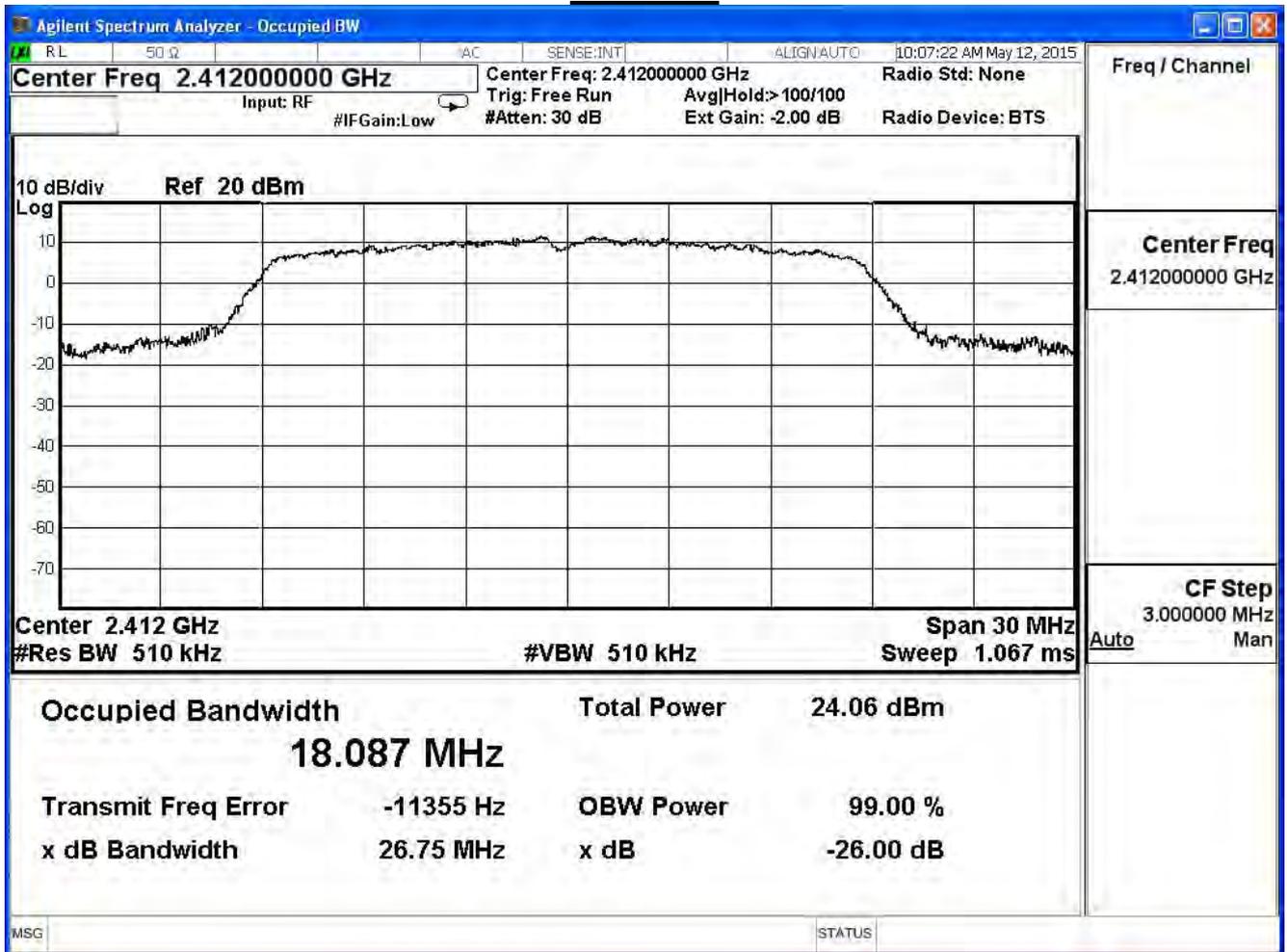
Channel 11



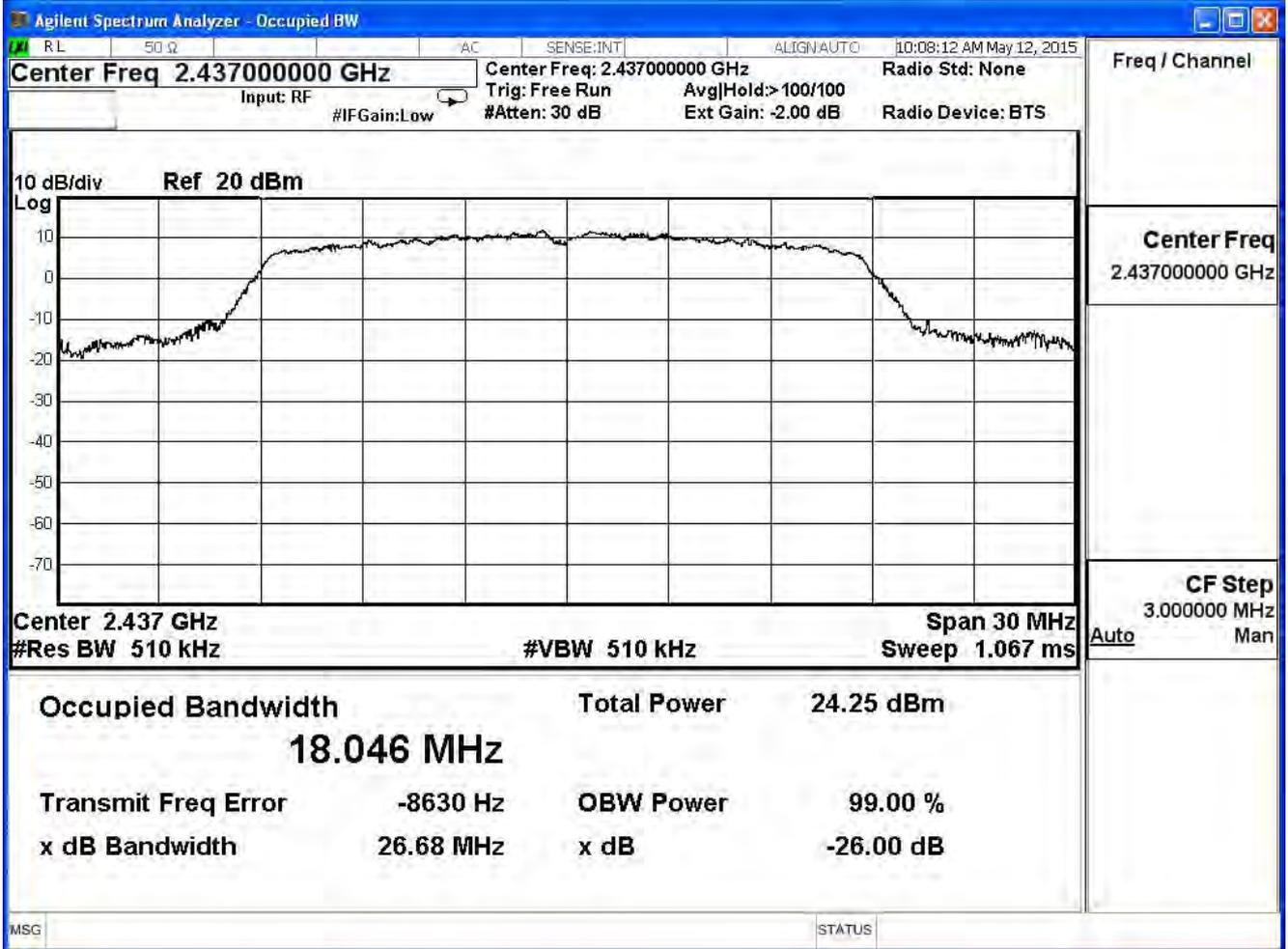
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	18.087	≥ 0.5	Pass
6	2437	18.046	≥ 0.5	Pass
11	2462	18.093	≥ 0.5	Pass

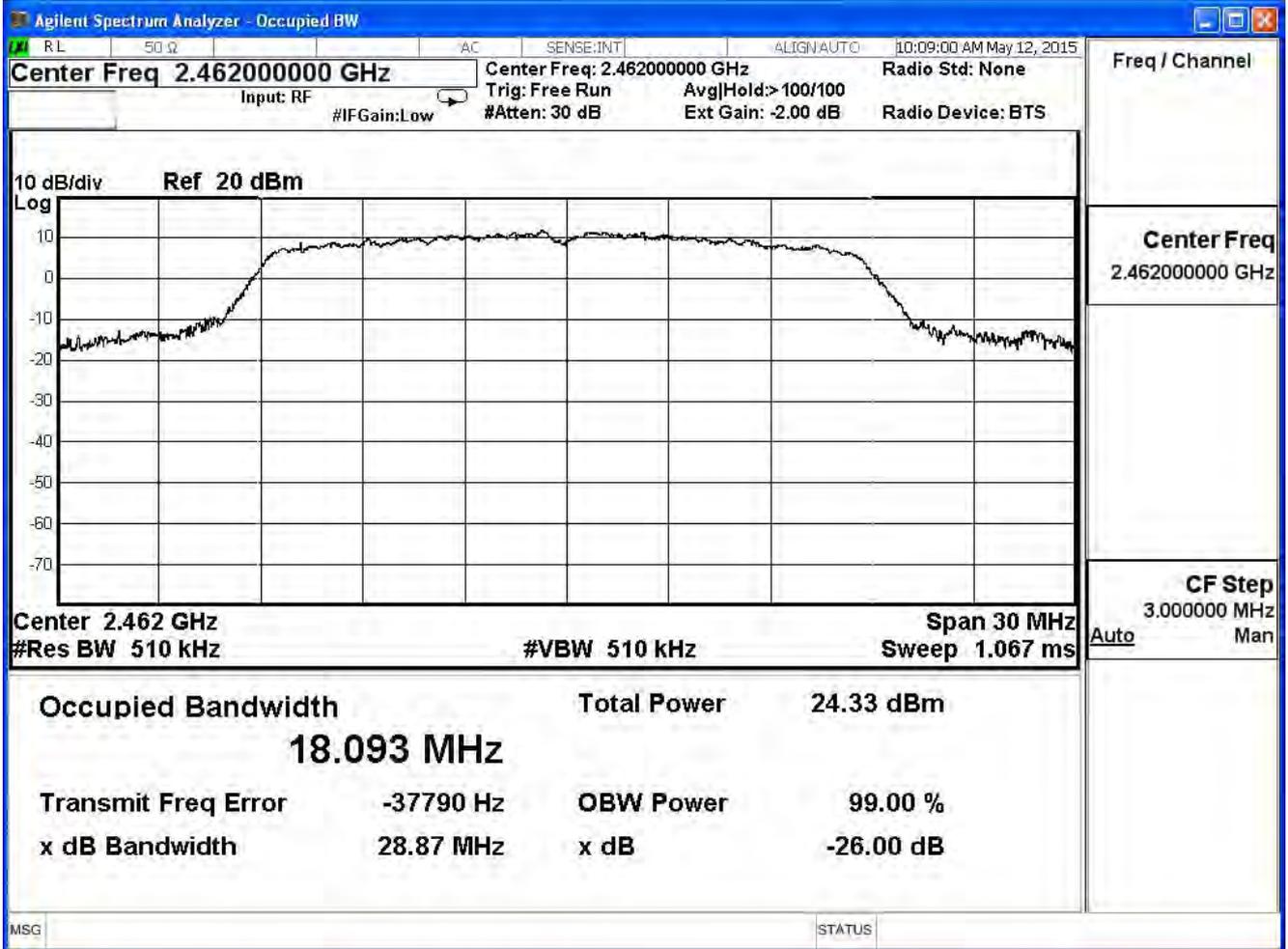
Channel 1



Channel 6



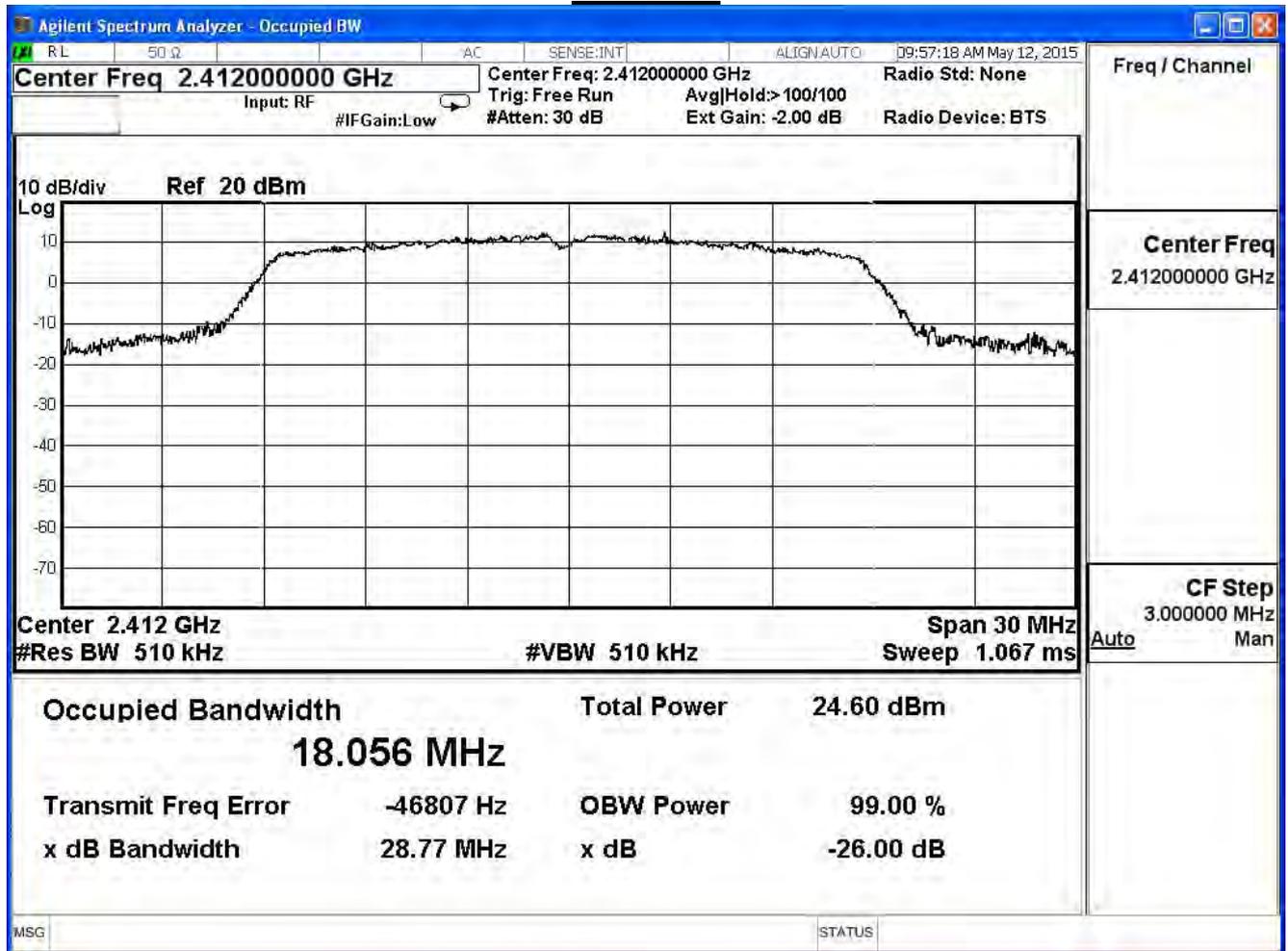
Channel 11



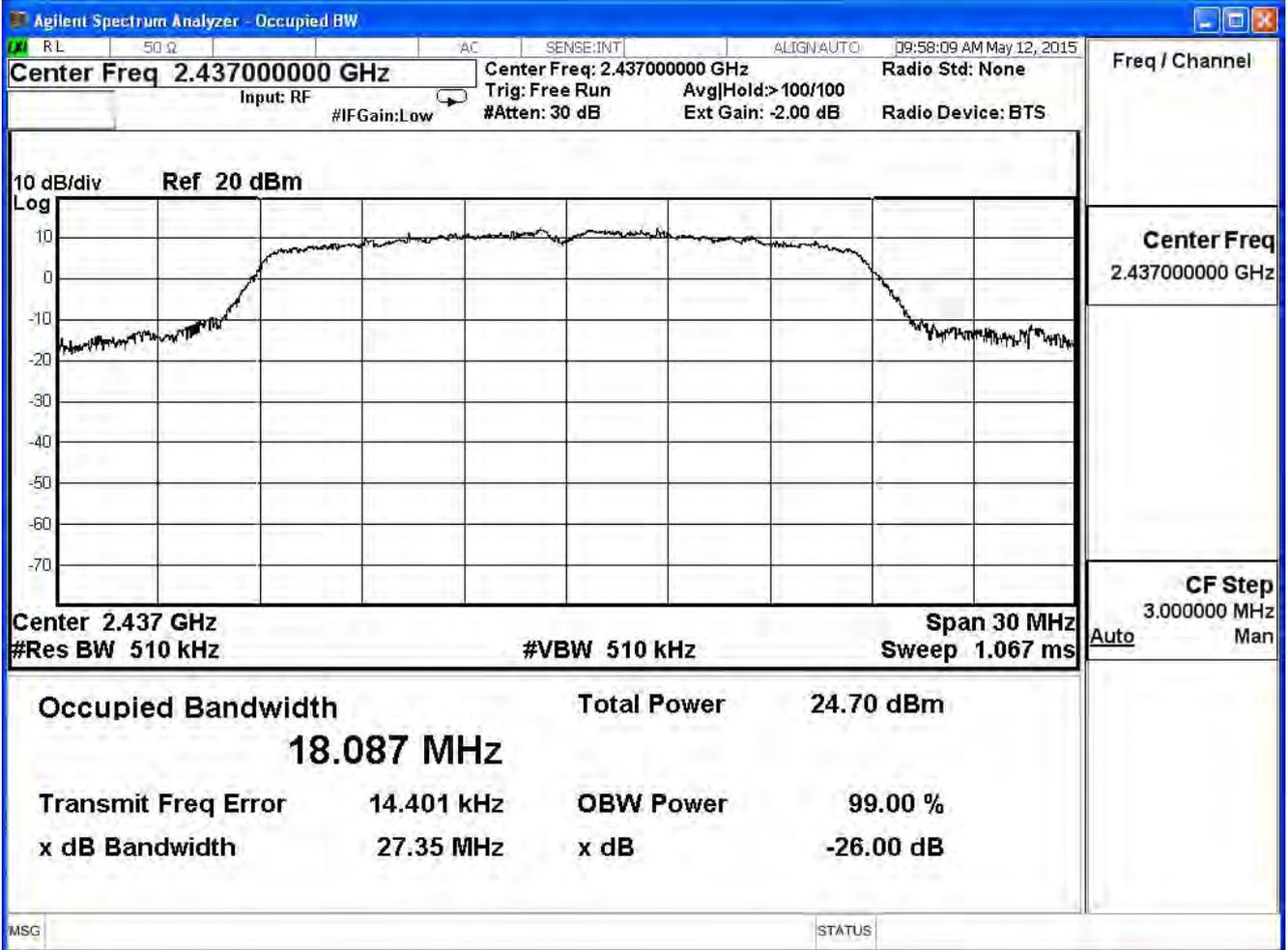
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	18.056	≥ 0.5	Pass
6	2437	18.087	≥ 0.5	Pass
11	2462	18.095	≥ 0.5	Pass

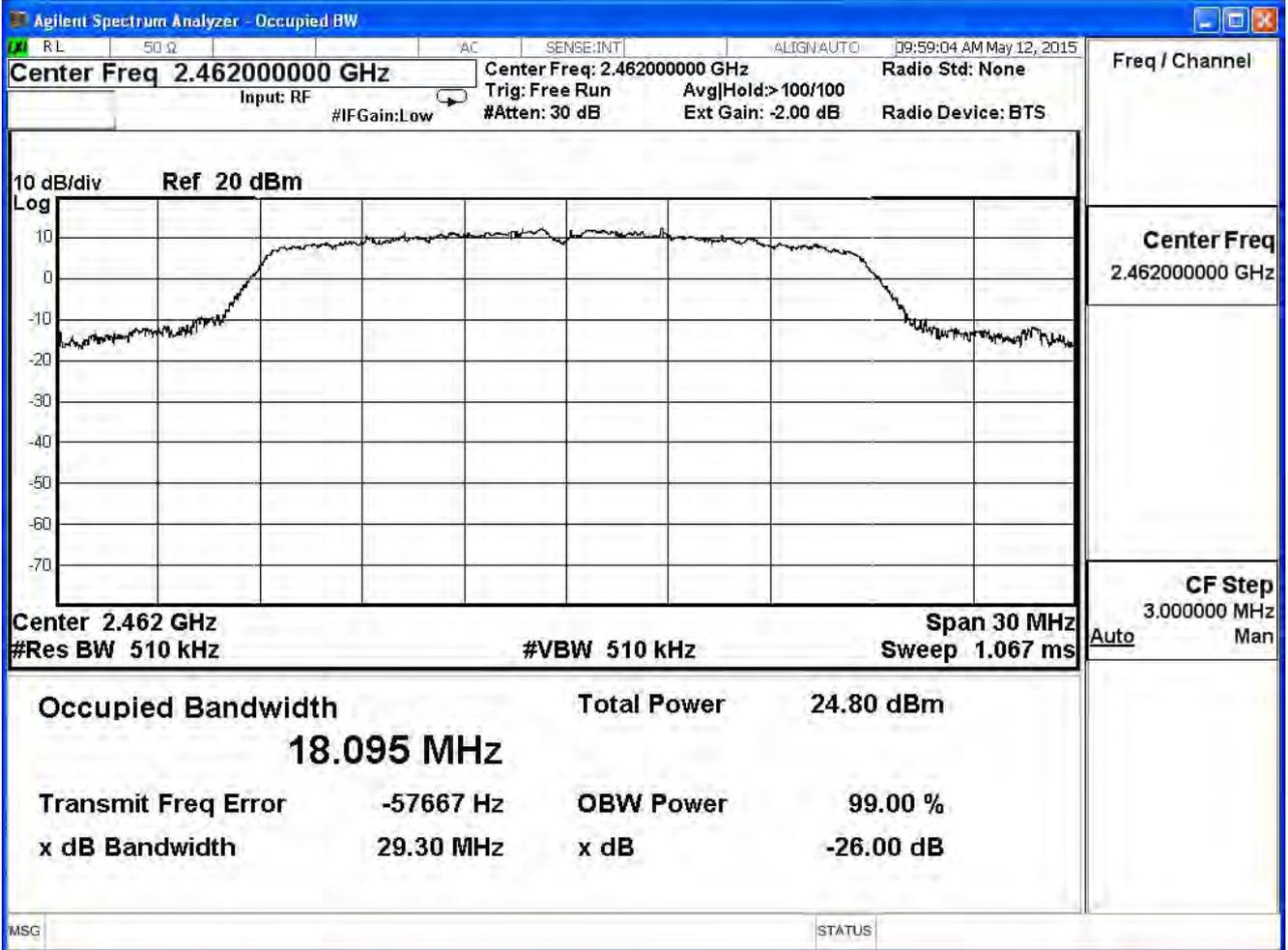
Channel 1



Channel 6



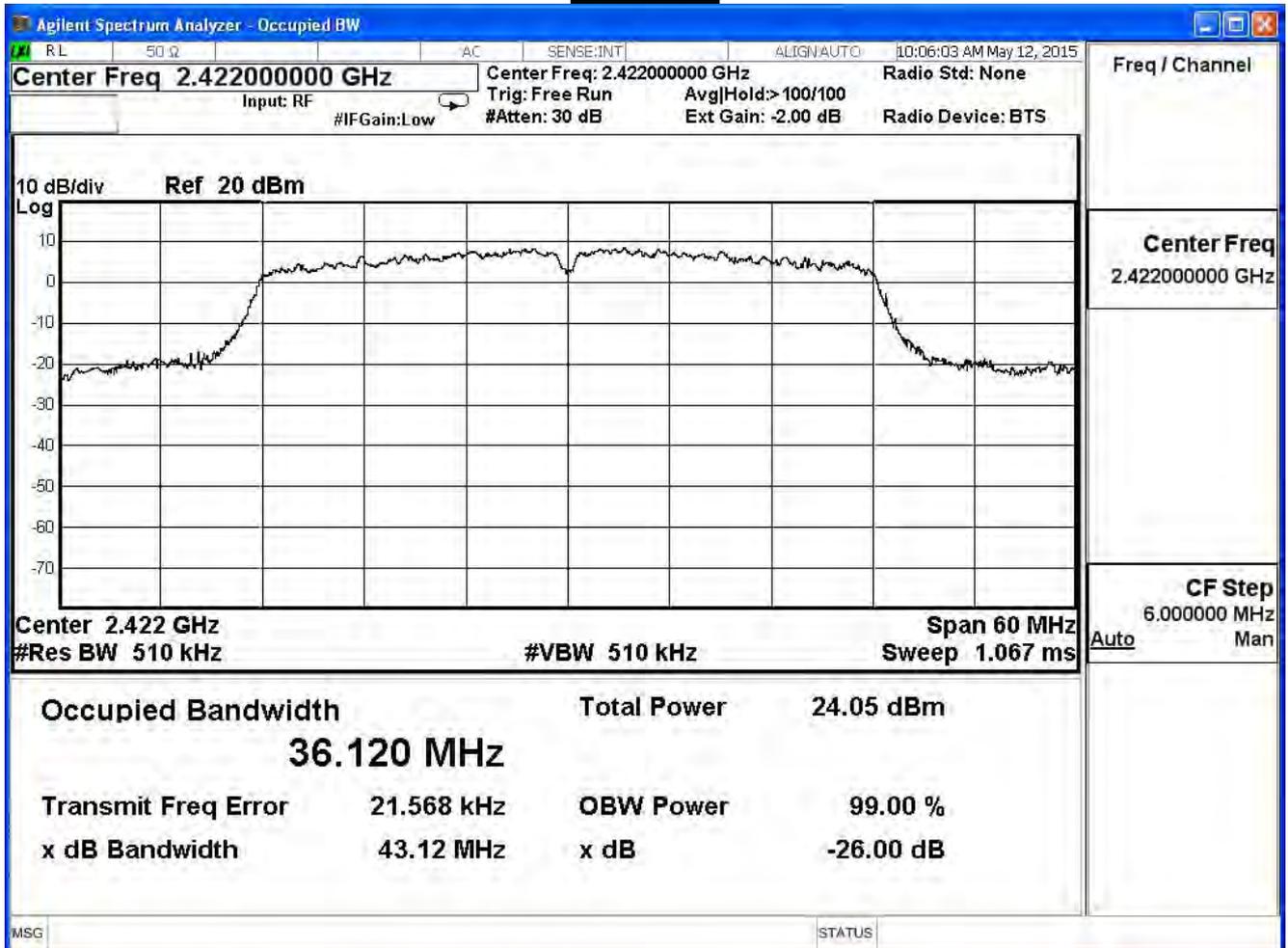
Channel 11



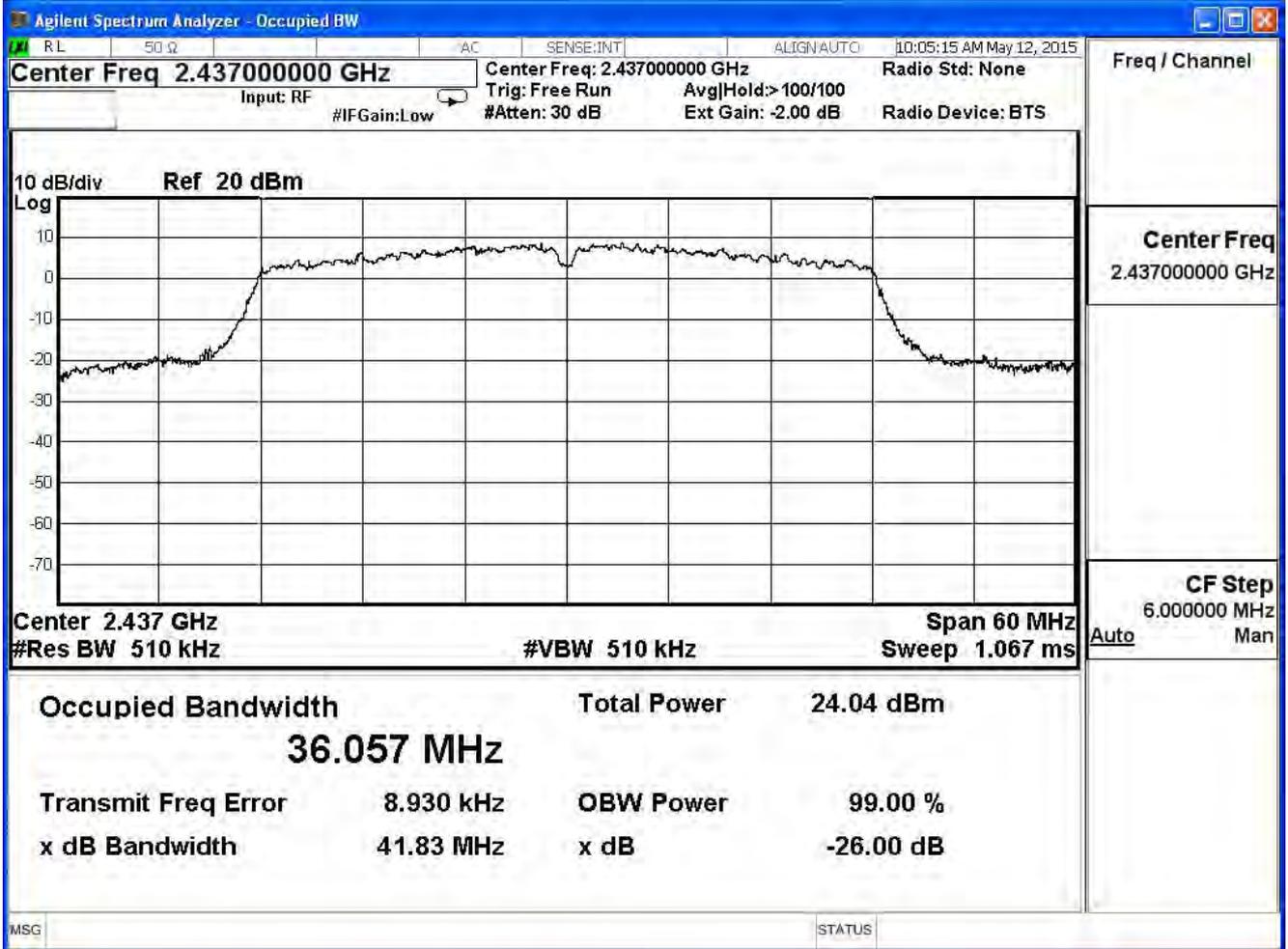
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	36.120	≥ 0.5	Pass
6	2437	36.057	≥ 0.5	Pass
9	2452	36.049	≥ 0.5	Pass

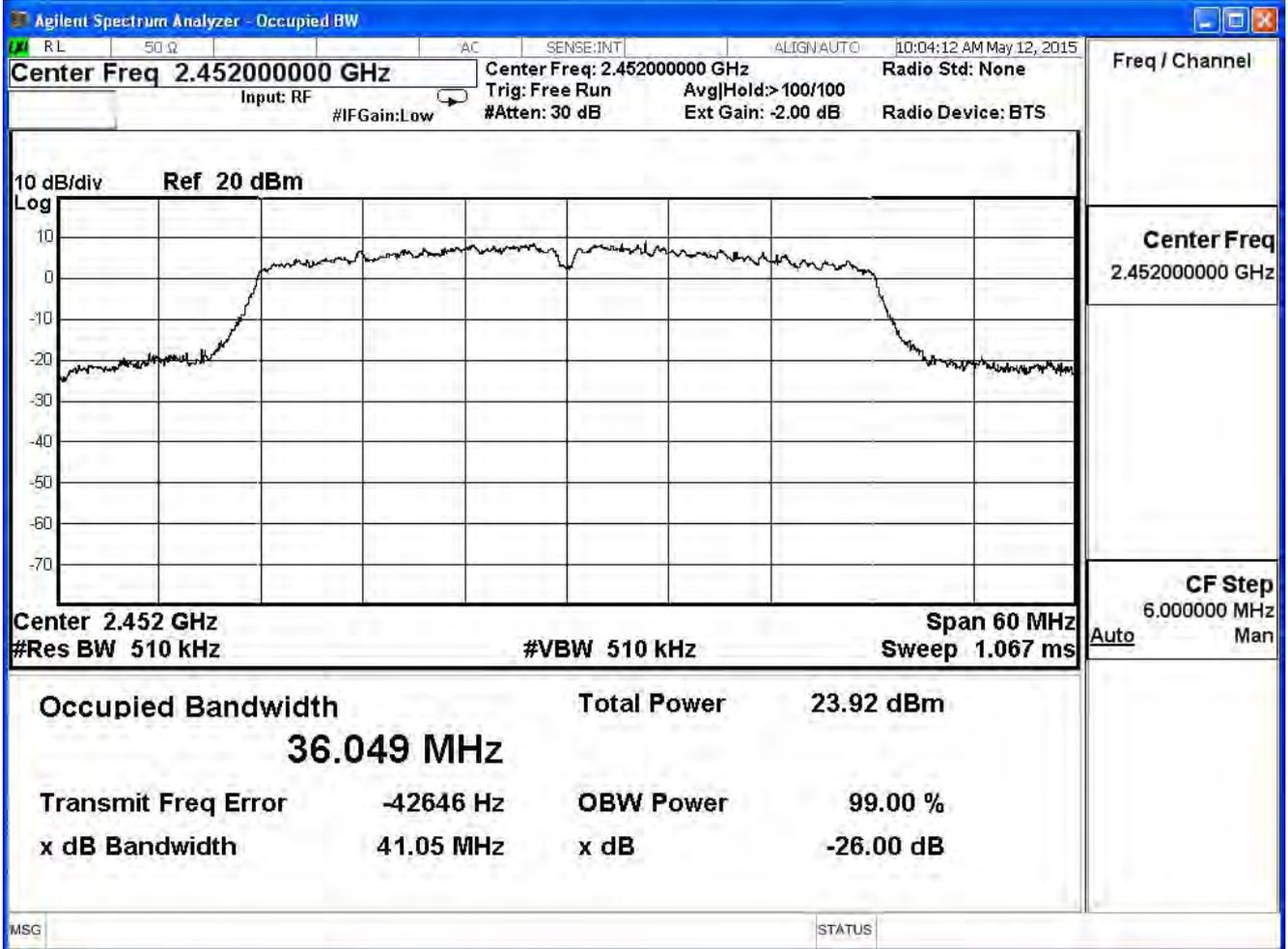
Channel 3



Channel 6



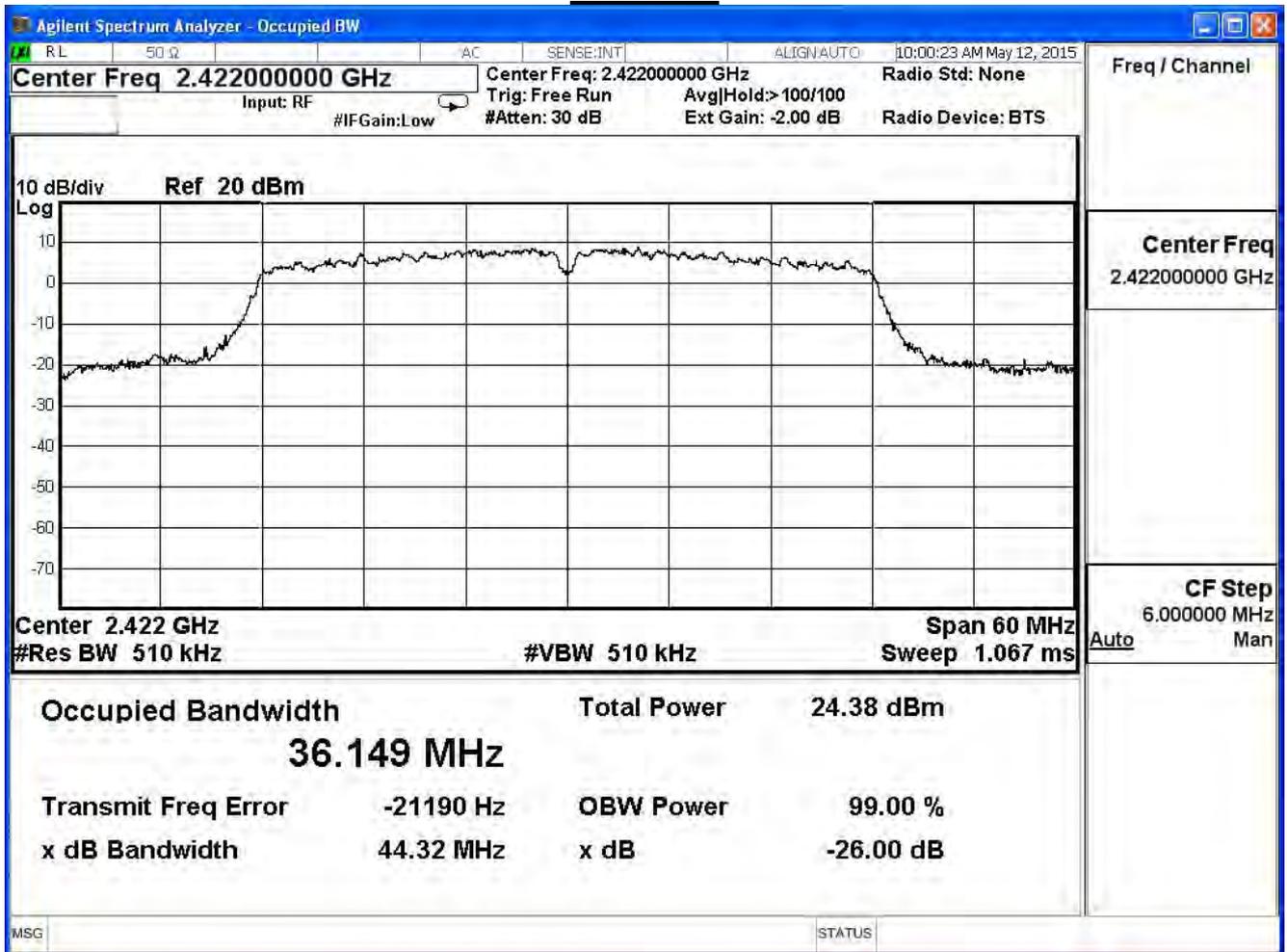
Channel 9



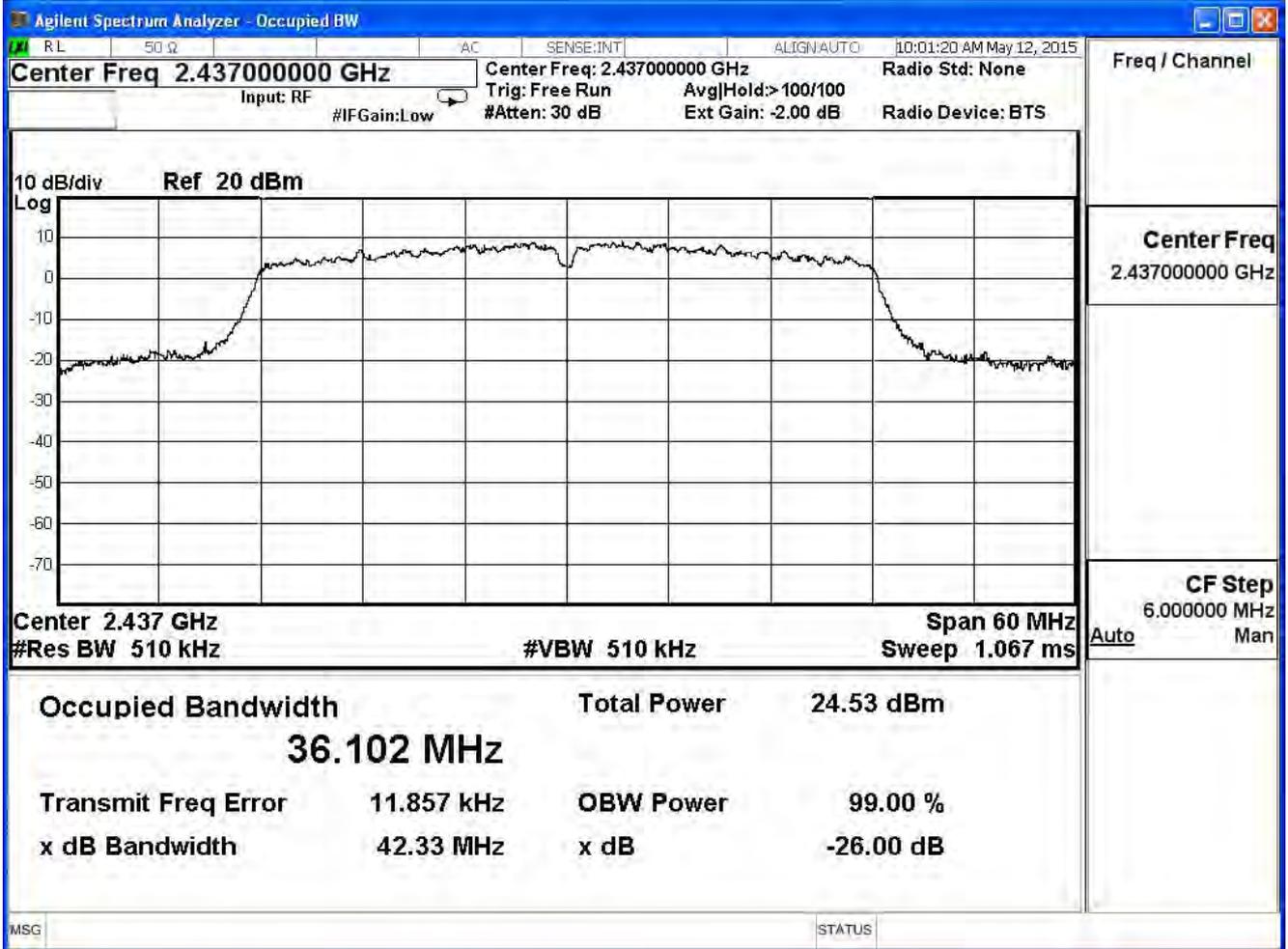
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	36.149	≥ 0.5	Pass
6	2437	36.102	≥ 0.5	Pass
9	2452	36.020	≥ 0.5	Pass

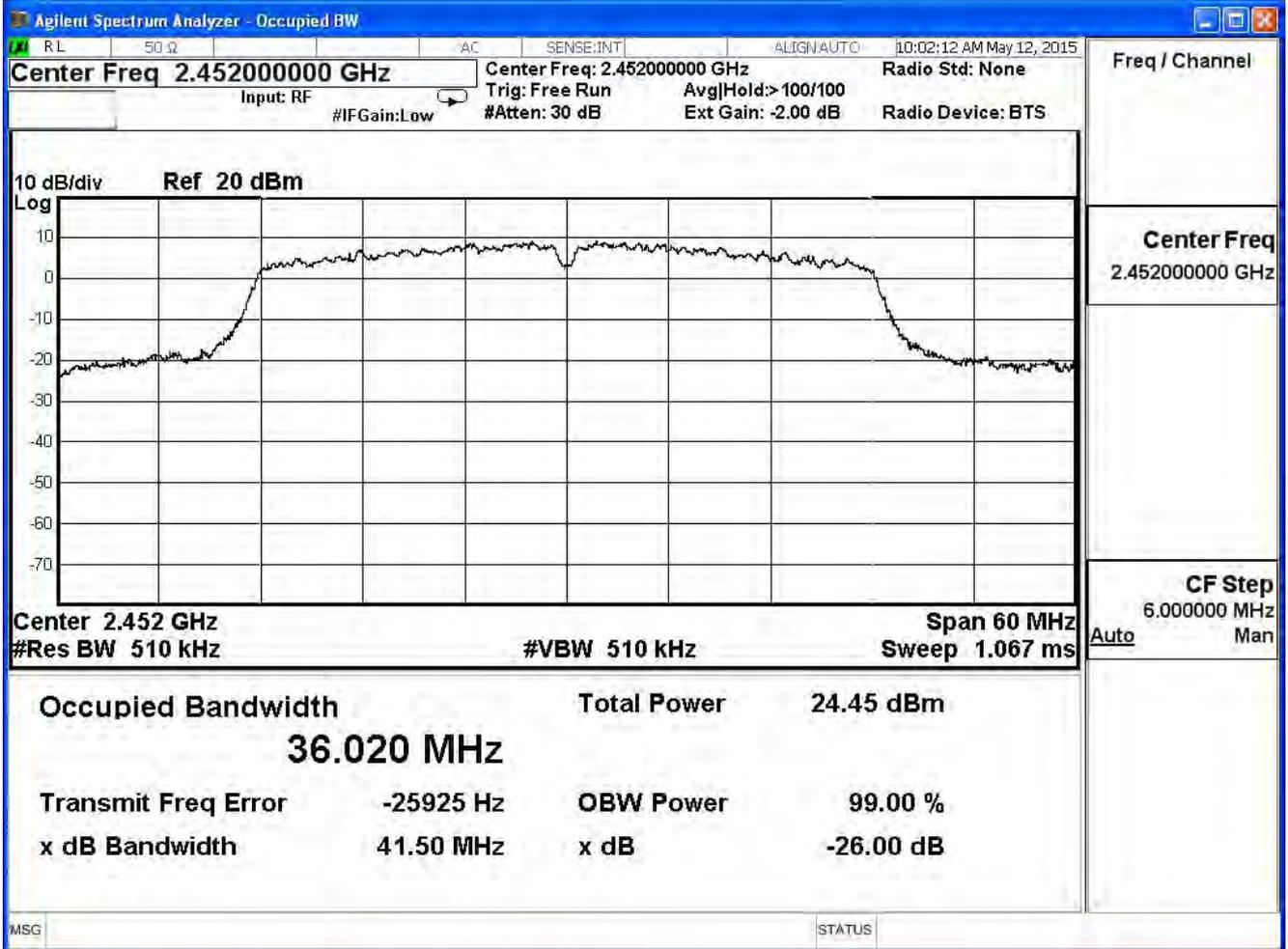
Channel 3



Channel 6



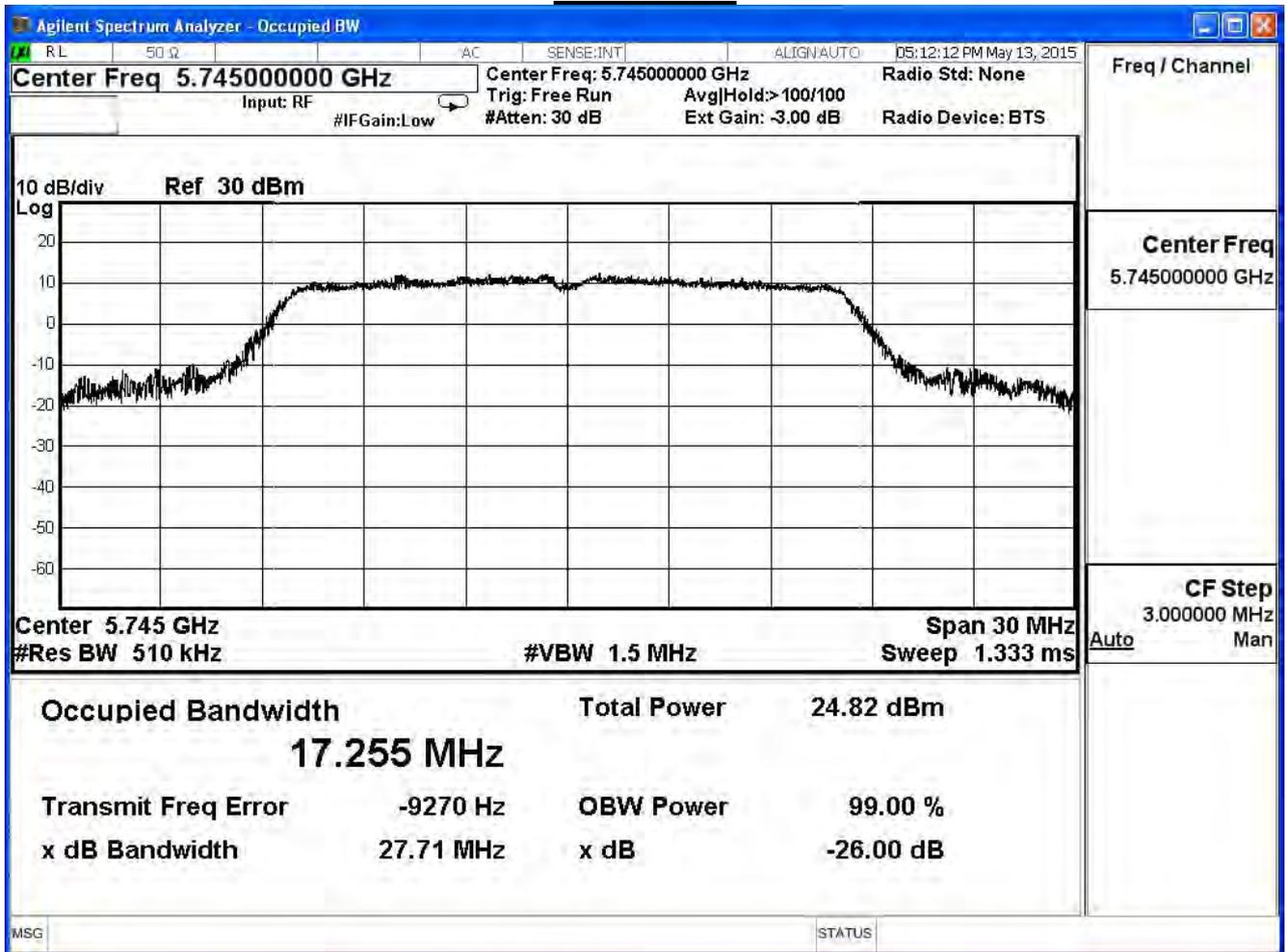
Channel 9



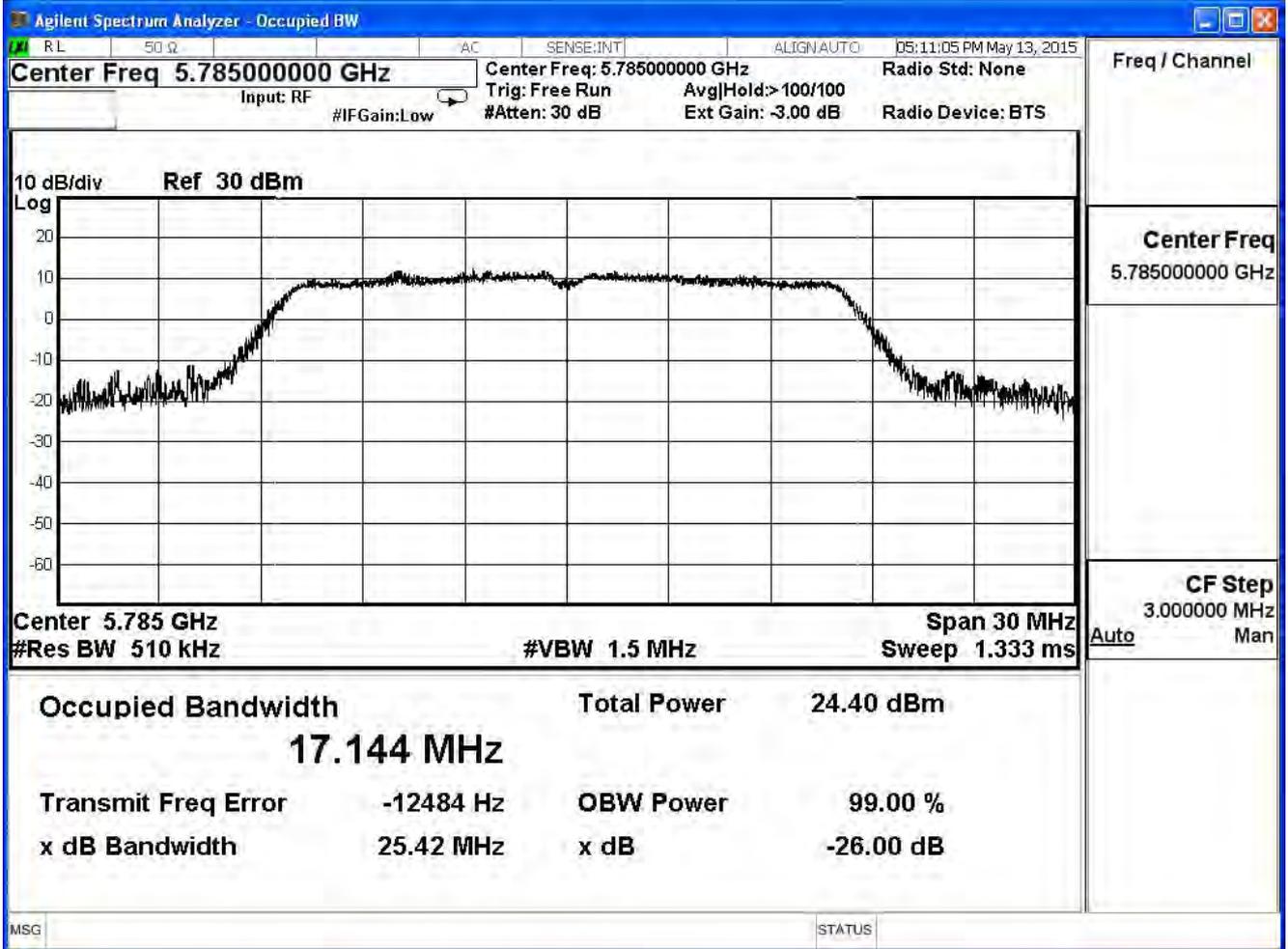
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

802.11 a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.255	--	Pass
157	5785	17.144	--	Pass
165	5825	17.148	--	Pass

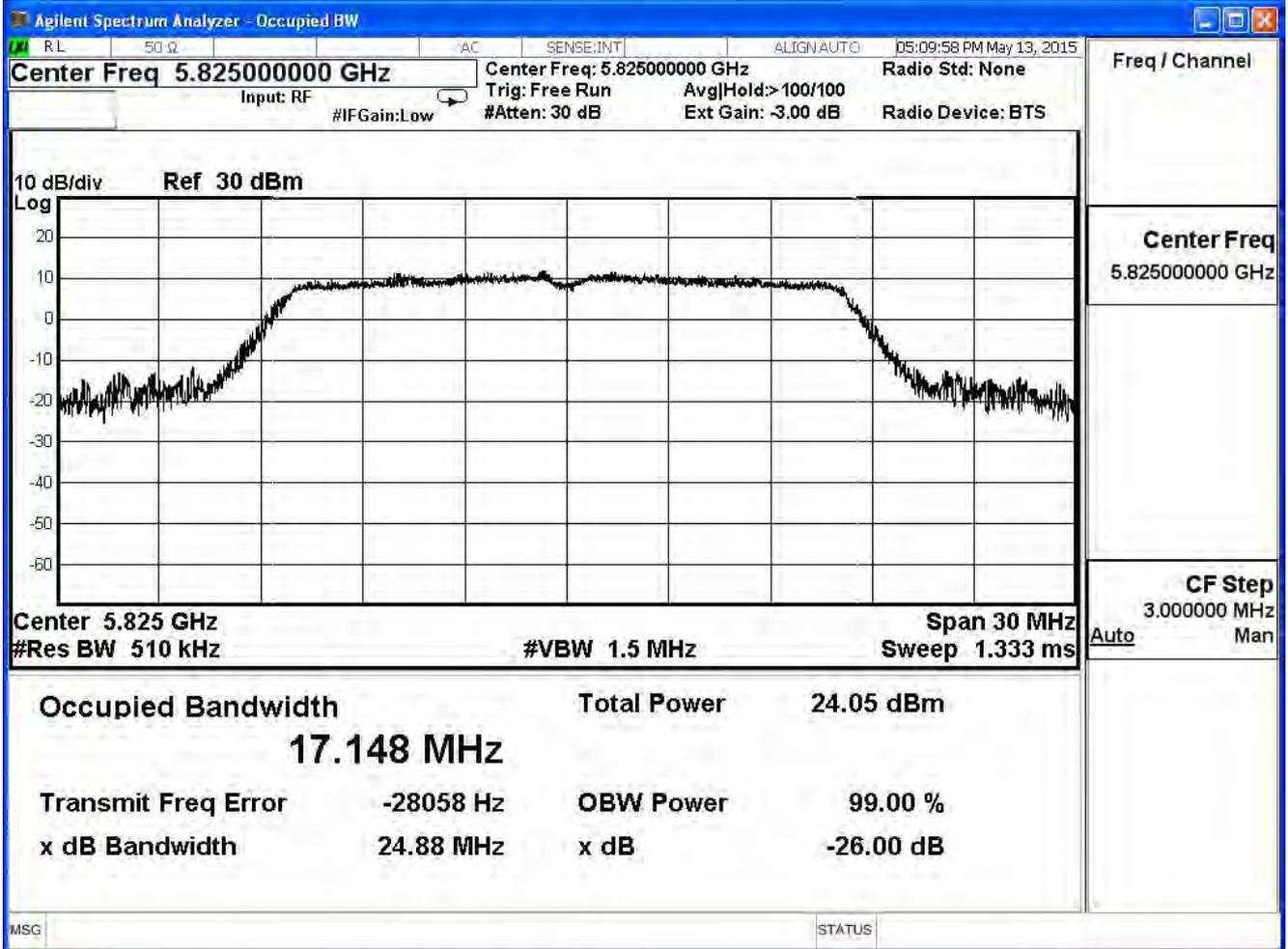
Channel 149



Channel 157



Channel 165

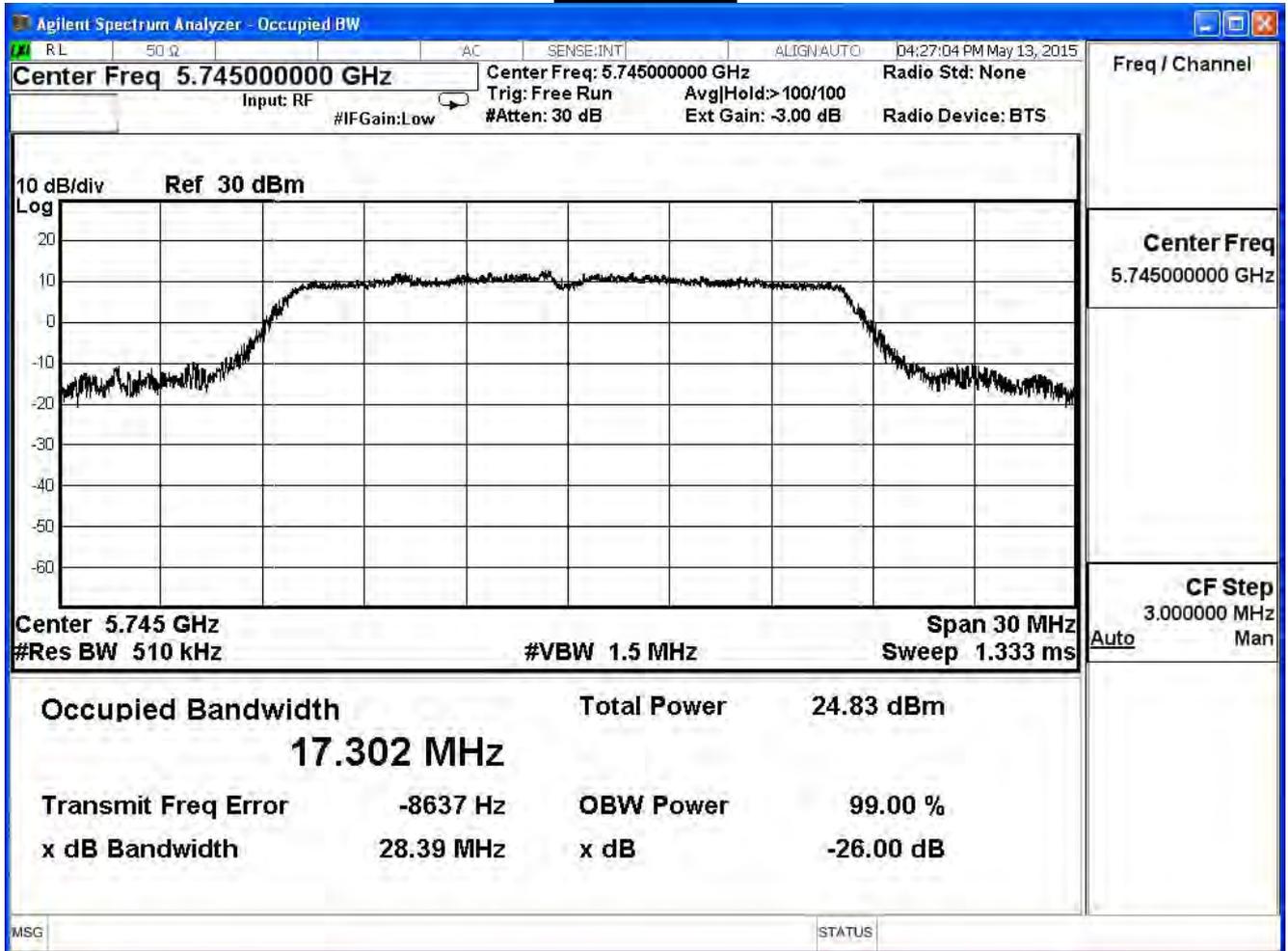


Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

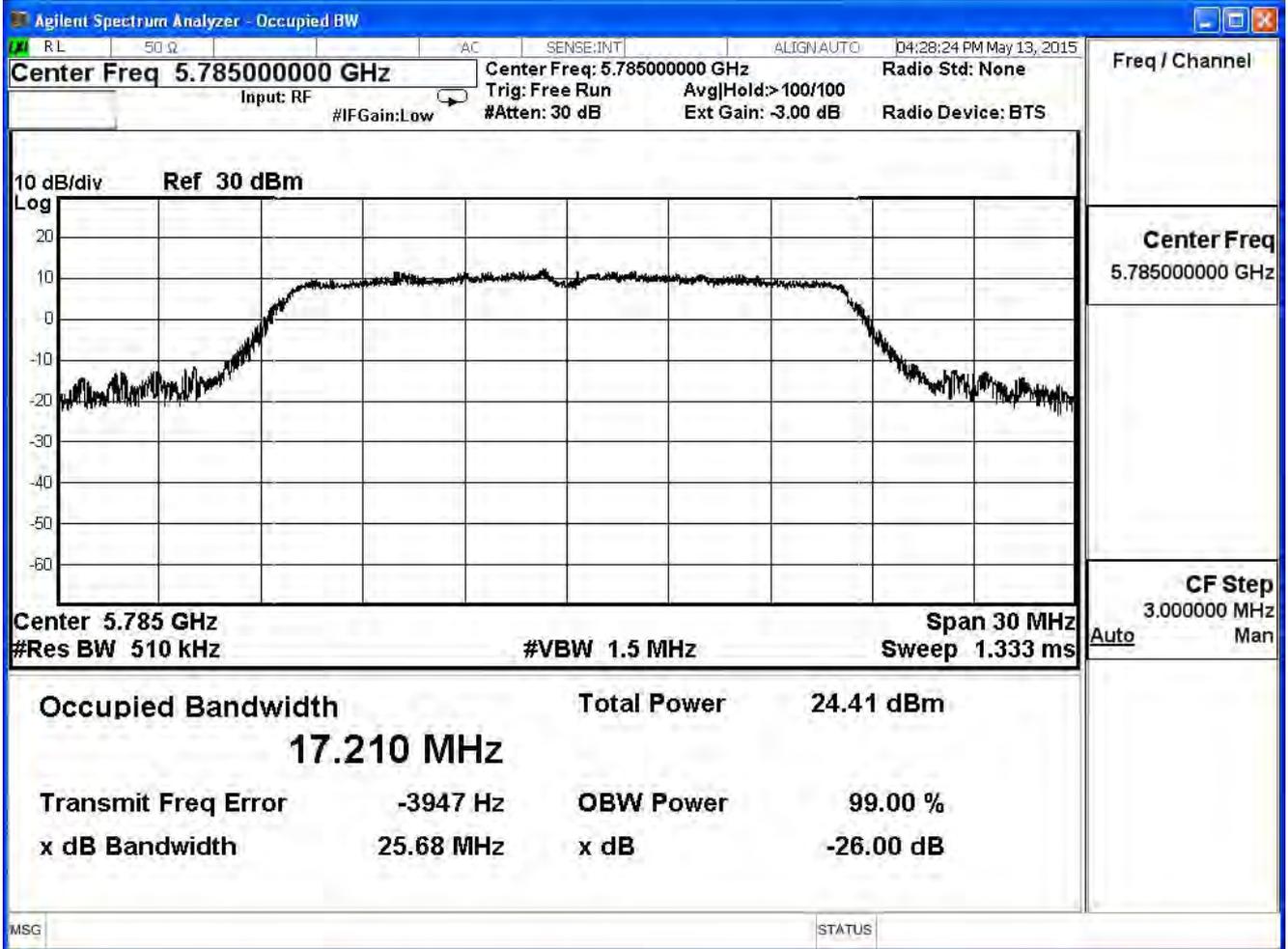
802.11 a (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.302	--	Pass
157	5785	17.210	--	Pass
165	5825	17.260	--	Pass

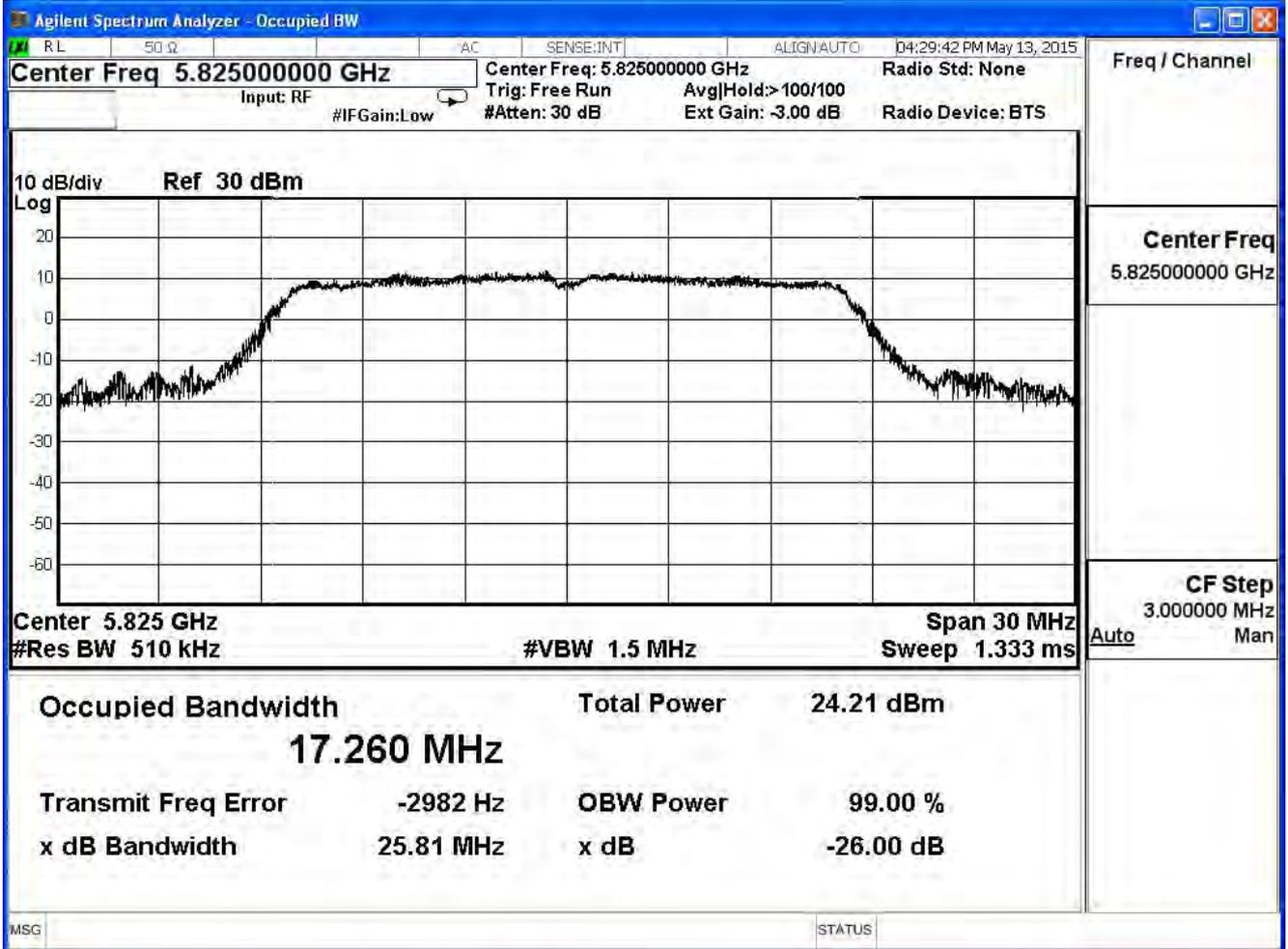
Channel 149



Channel 157



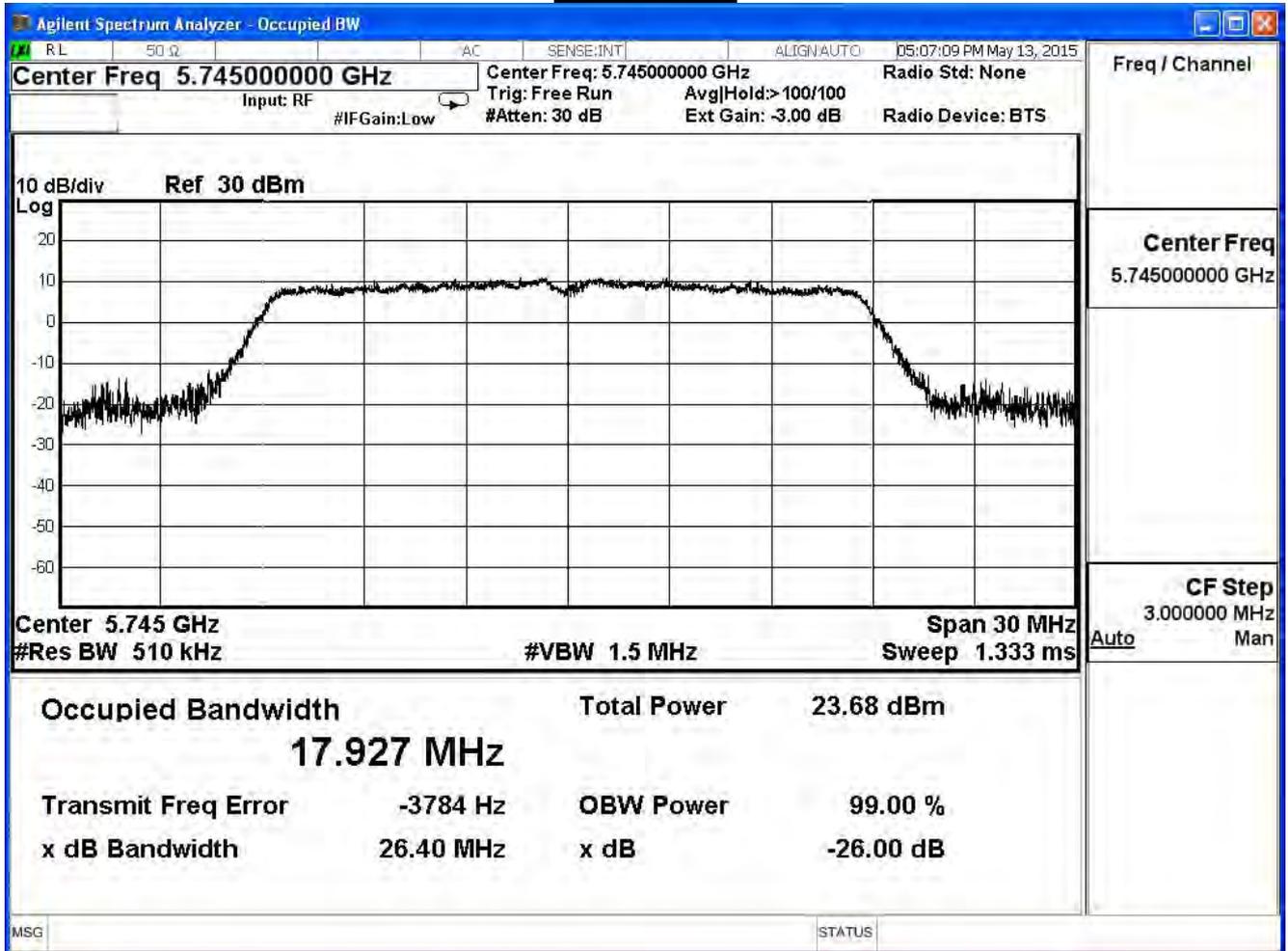
Channel 165



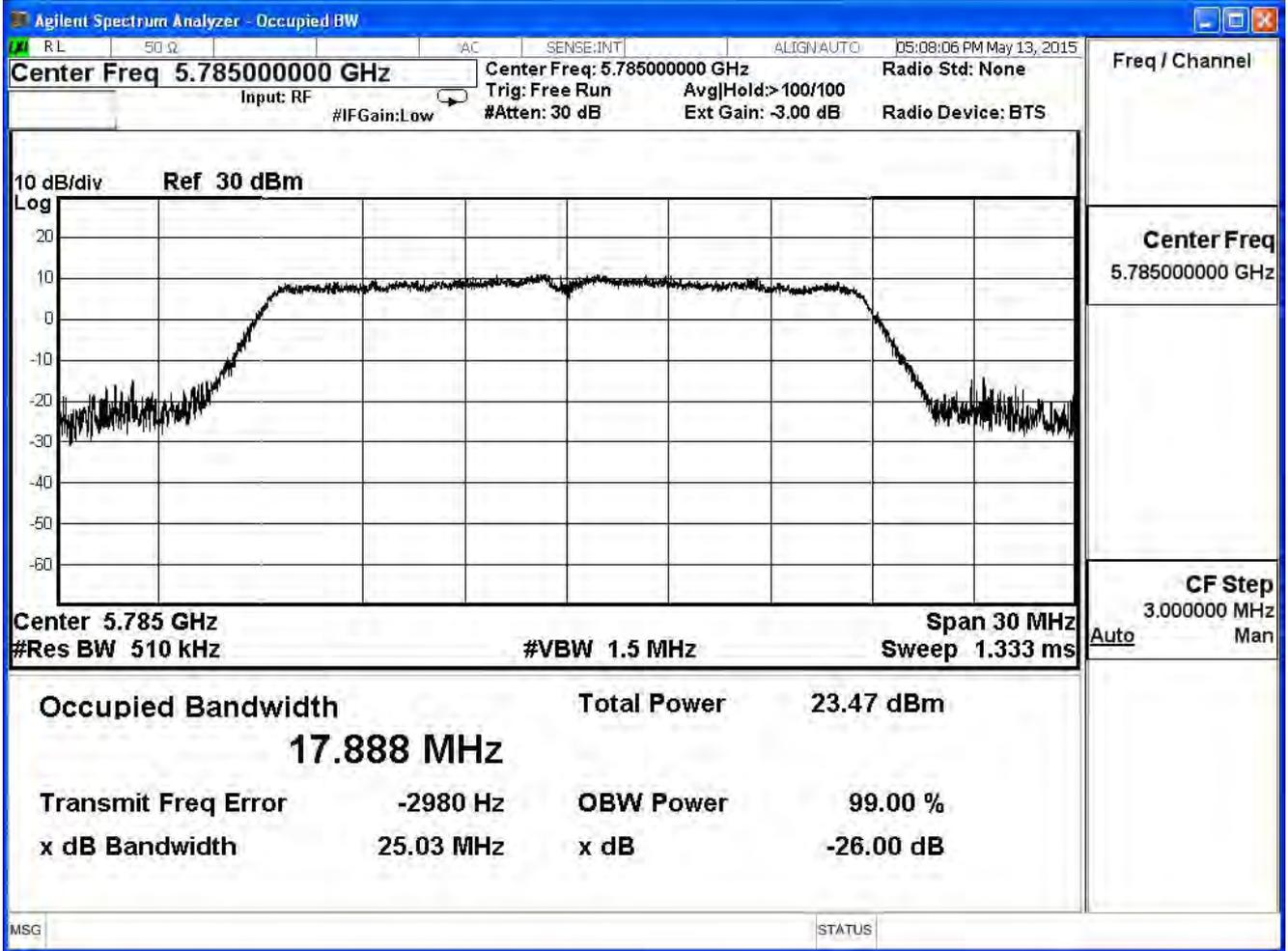
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.927	--	Pass
157	5785	17.888	--	Pass
165	5825	17.935	--	Pass

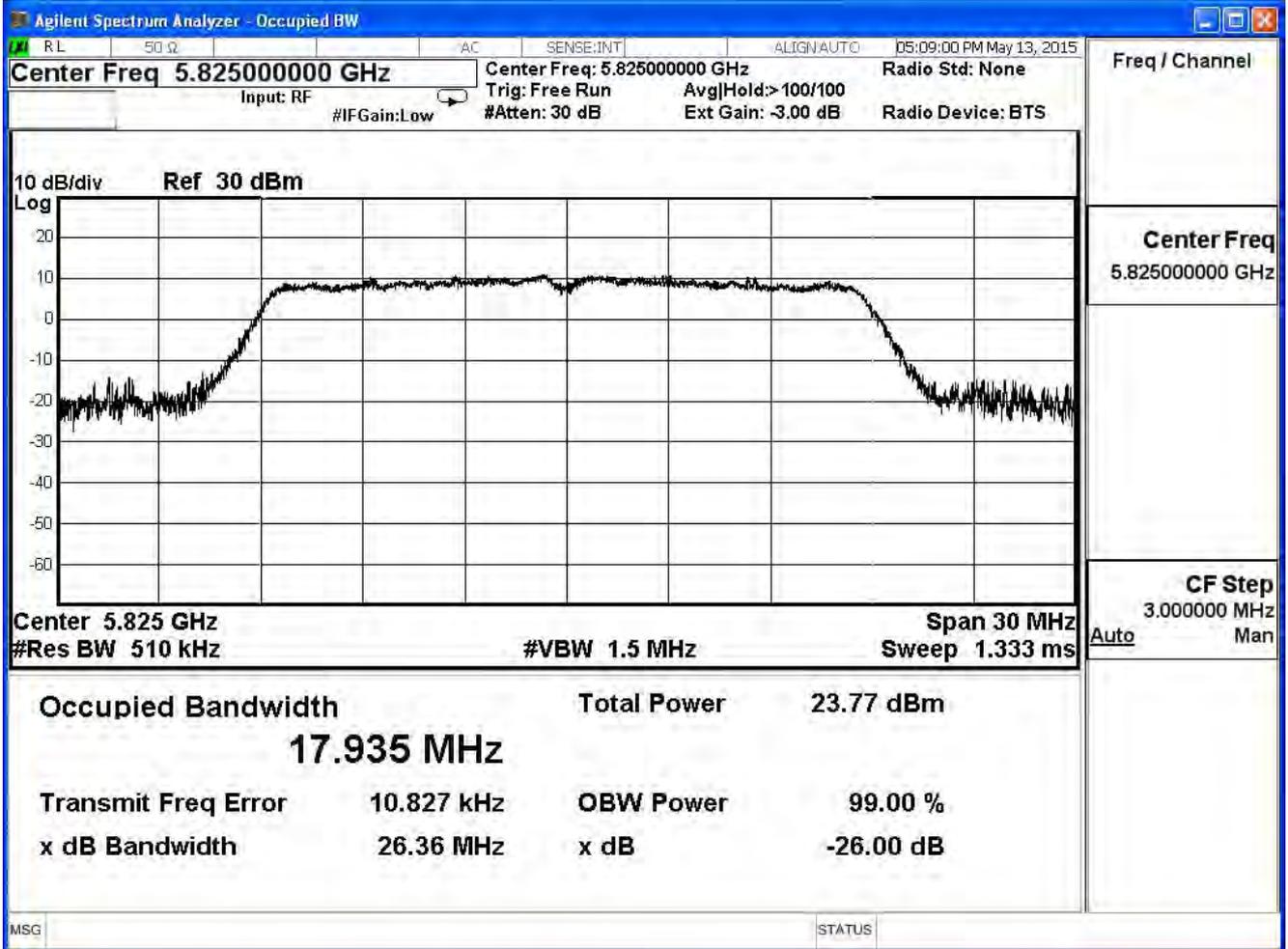
Channel 149



Channel 157



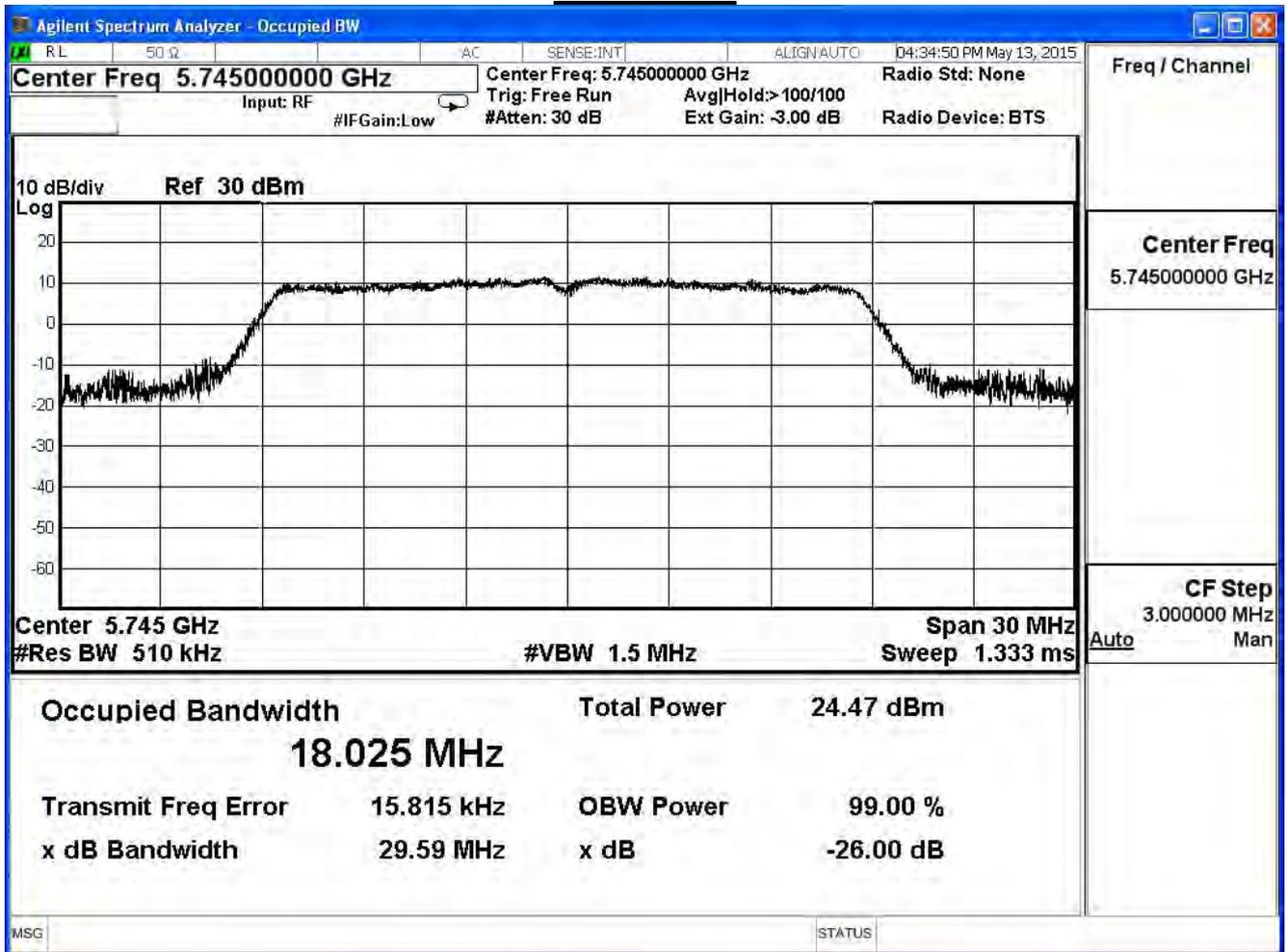
Channel 165



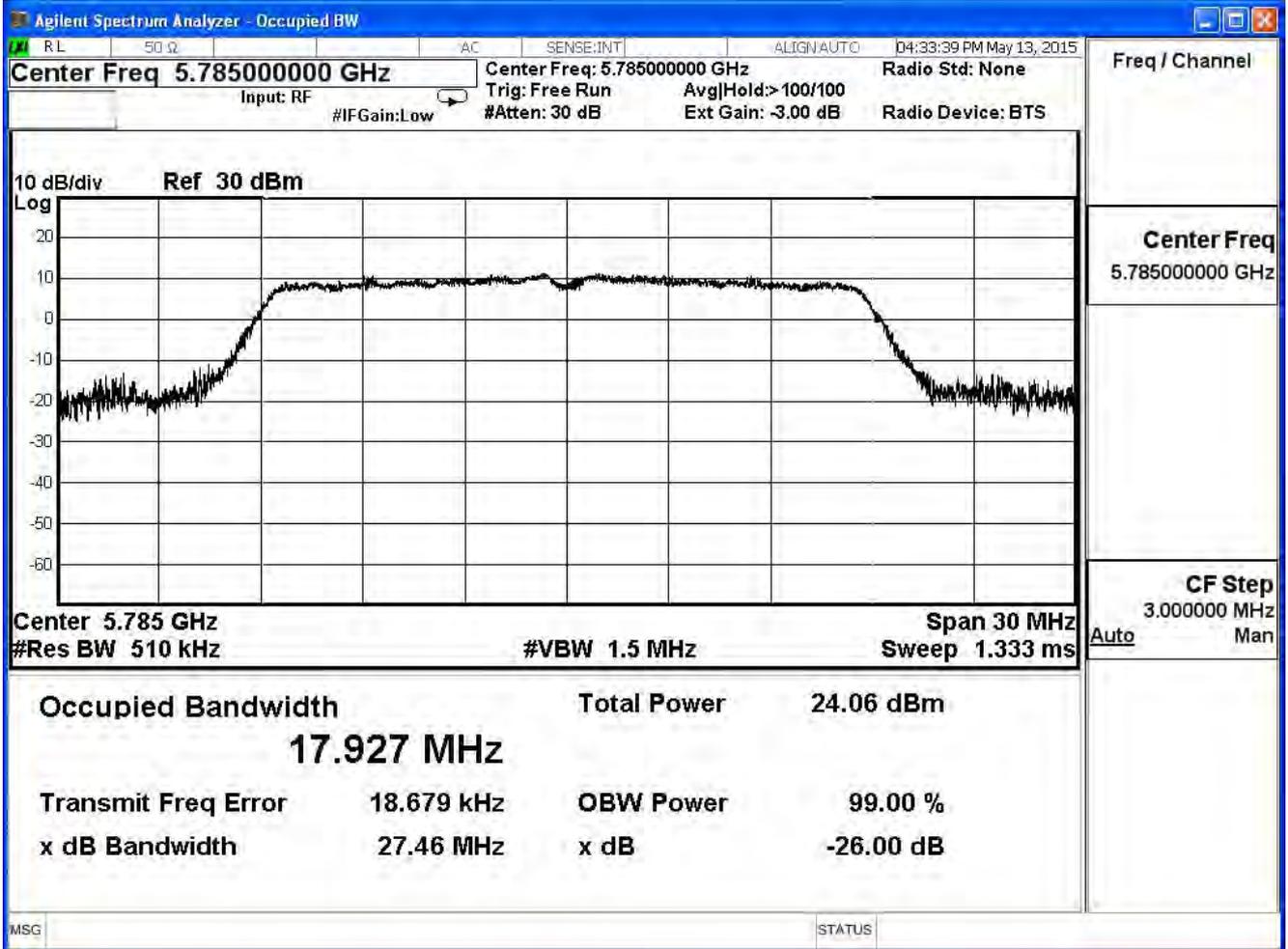
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	18.025	--	Pass
157	5785	17.927	--	Pass
165	5825	18.117	--	Pass

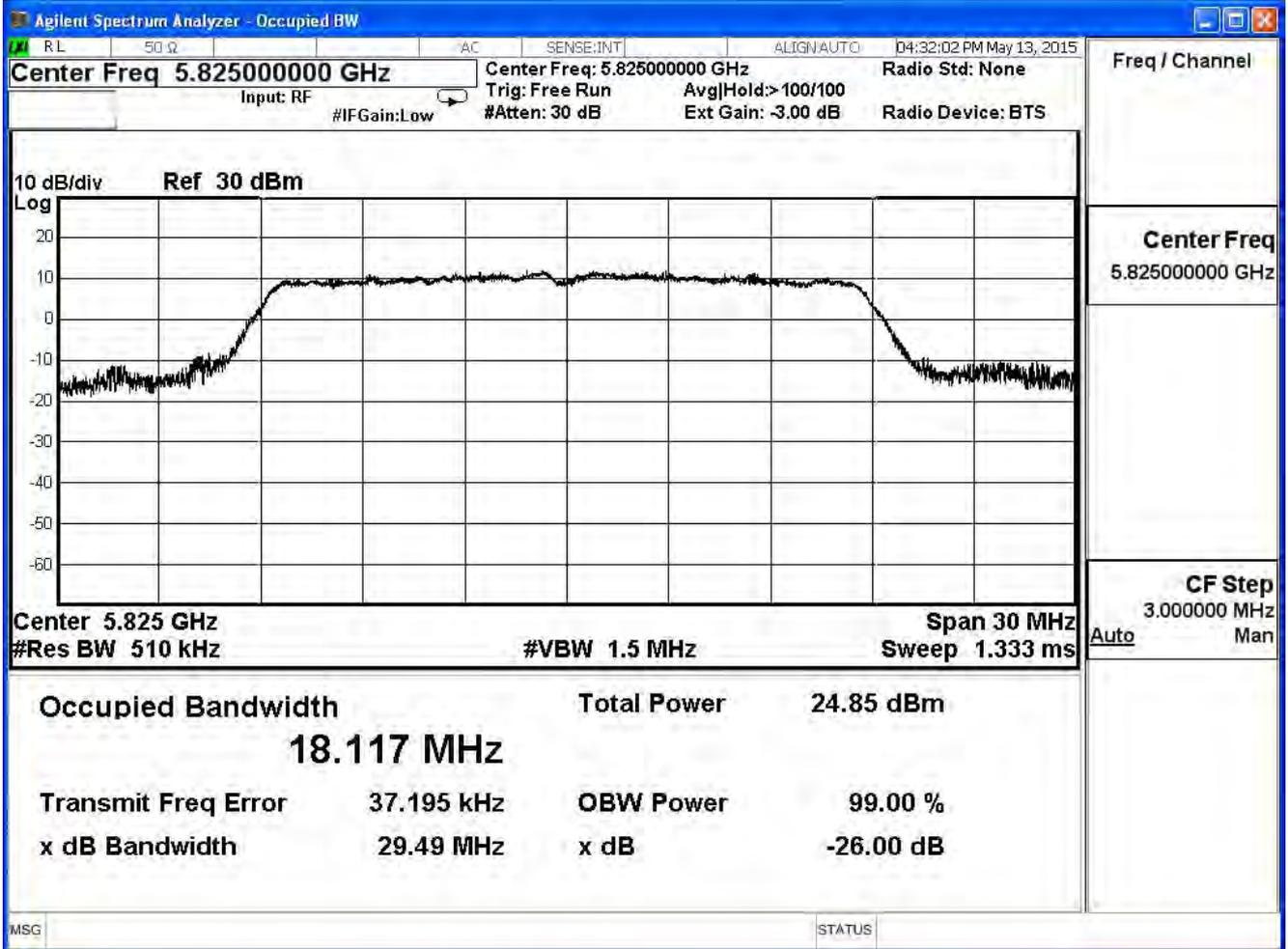
Channel 149



Channel 157



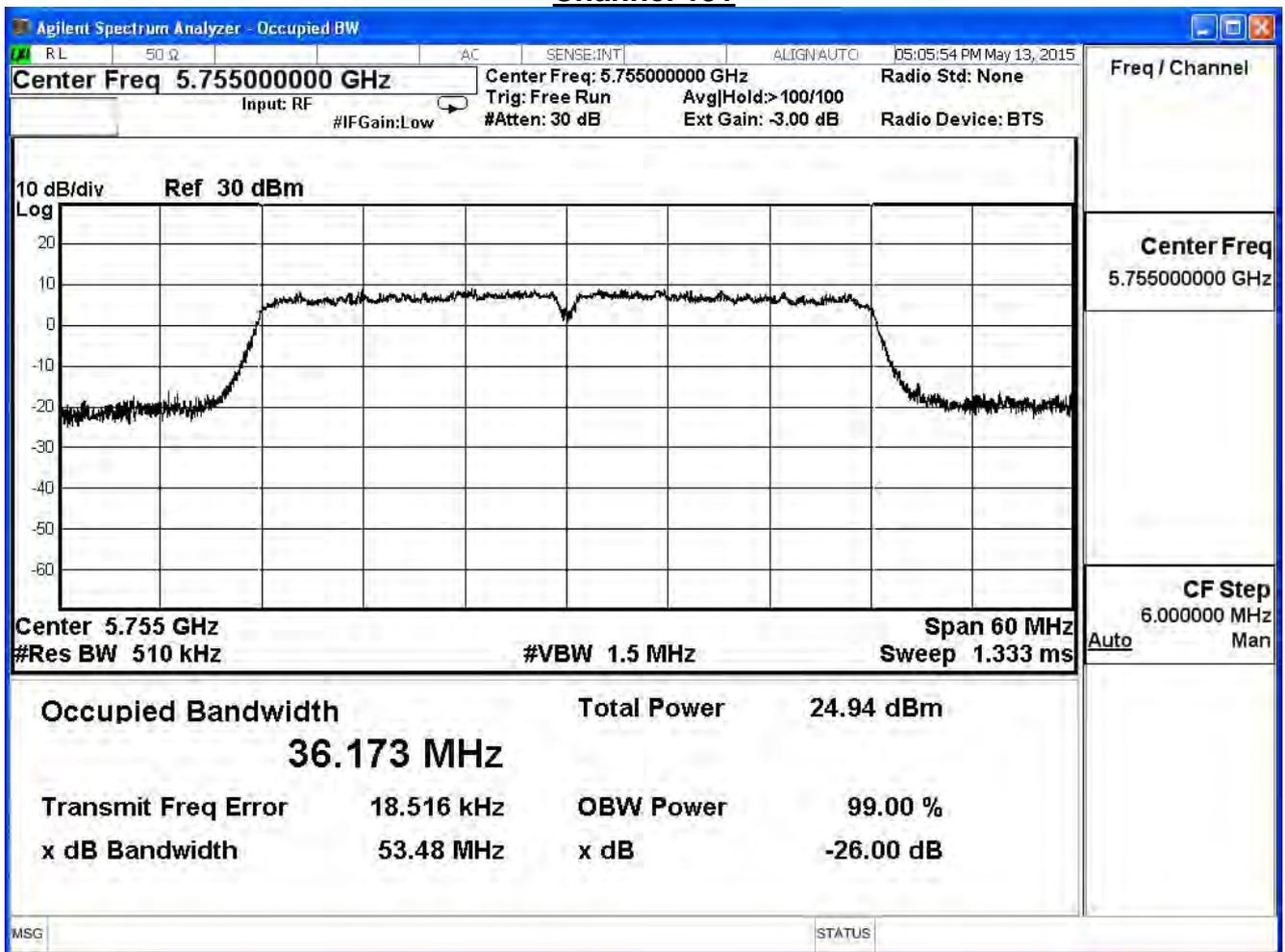
Channel 165



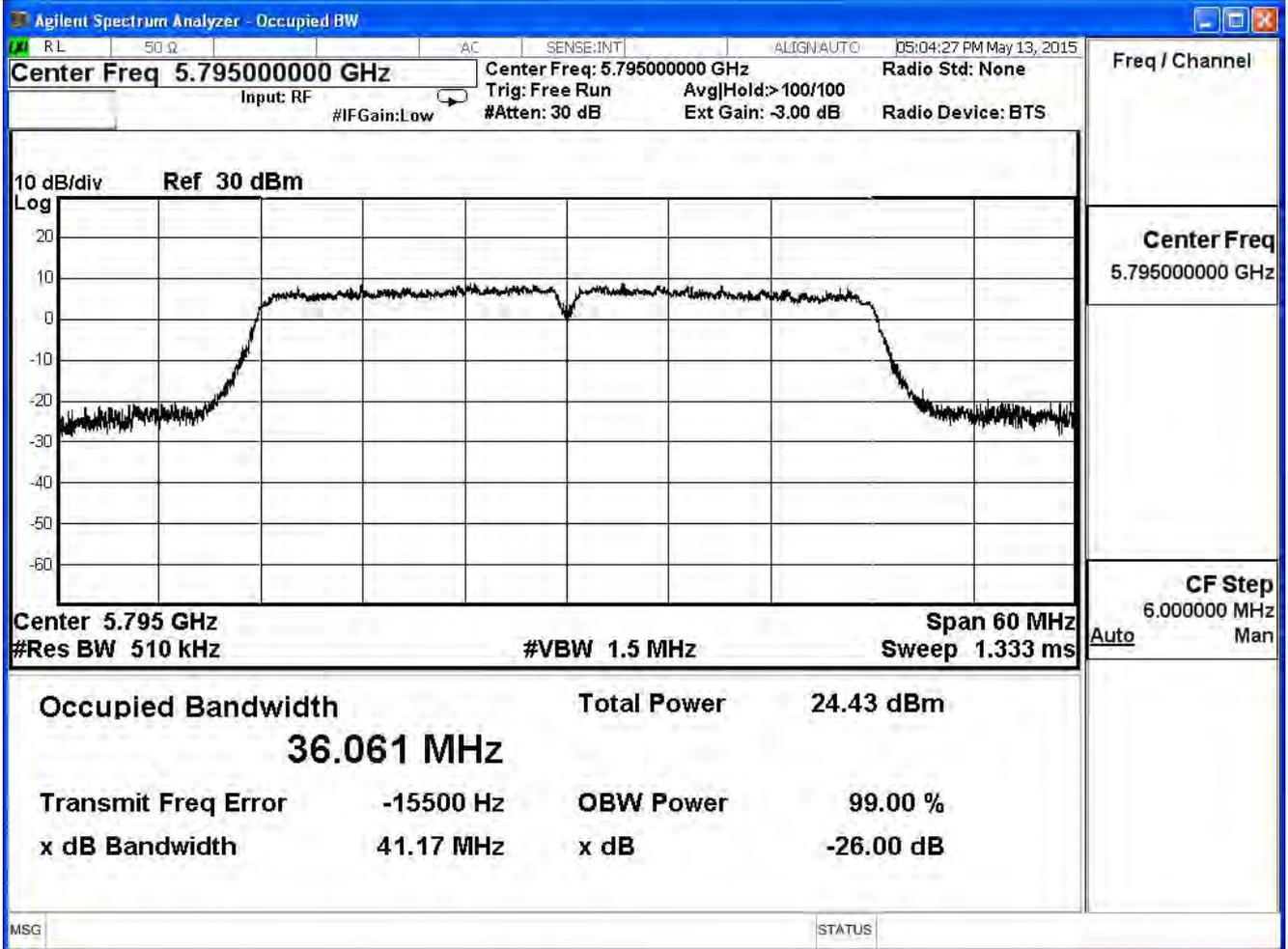
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.173	--	Pass
159	5795	36.061	--	Pass

Channel 151



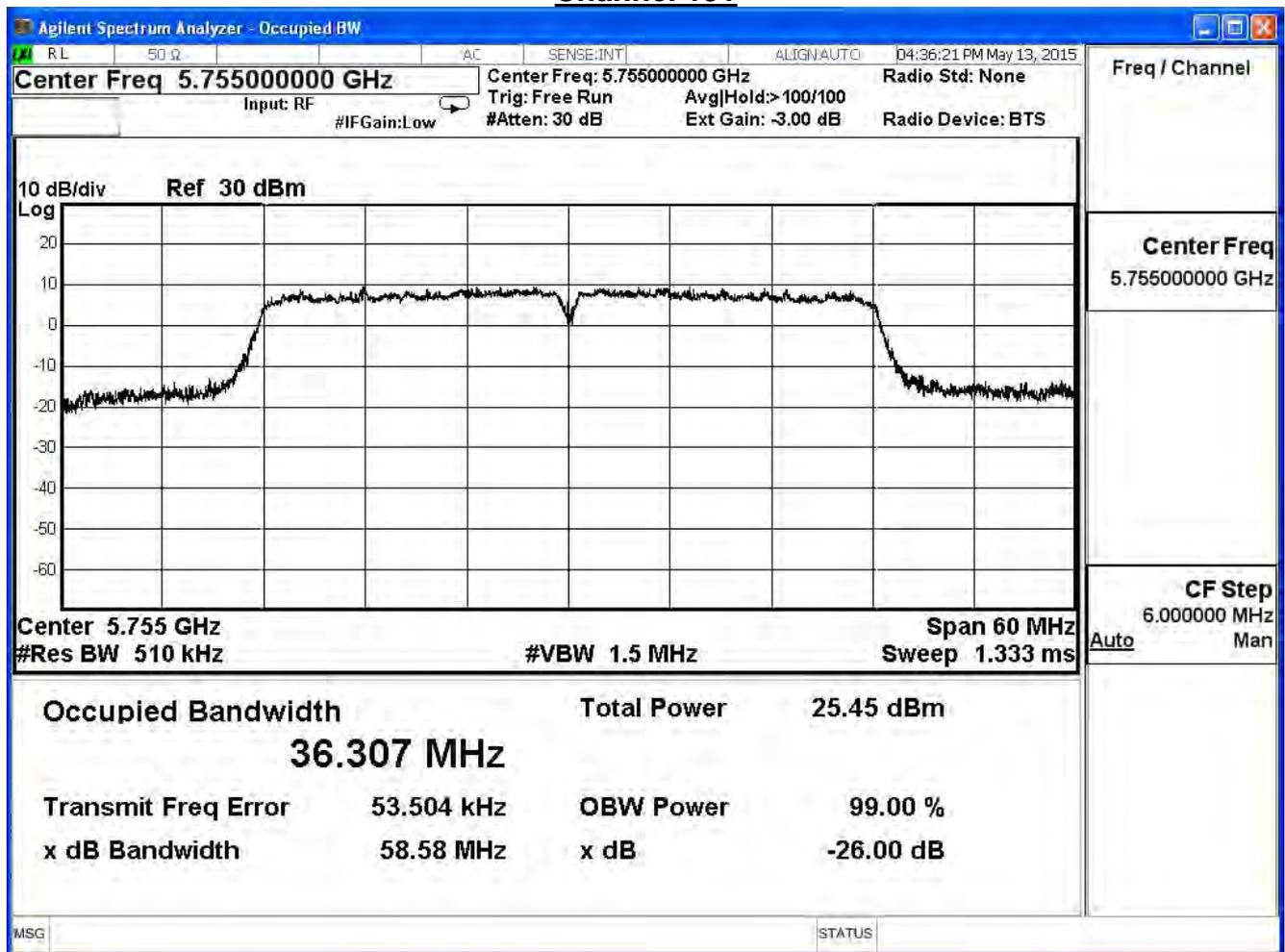
Channel 159



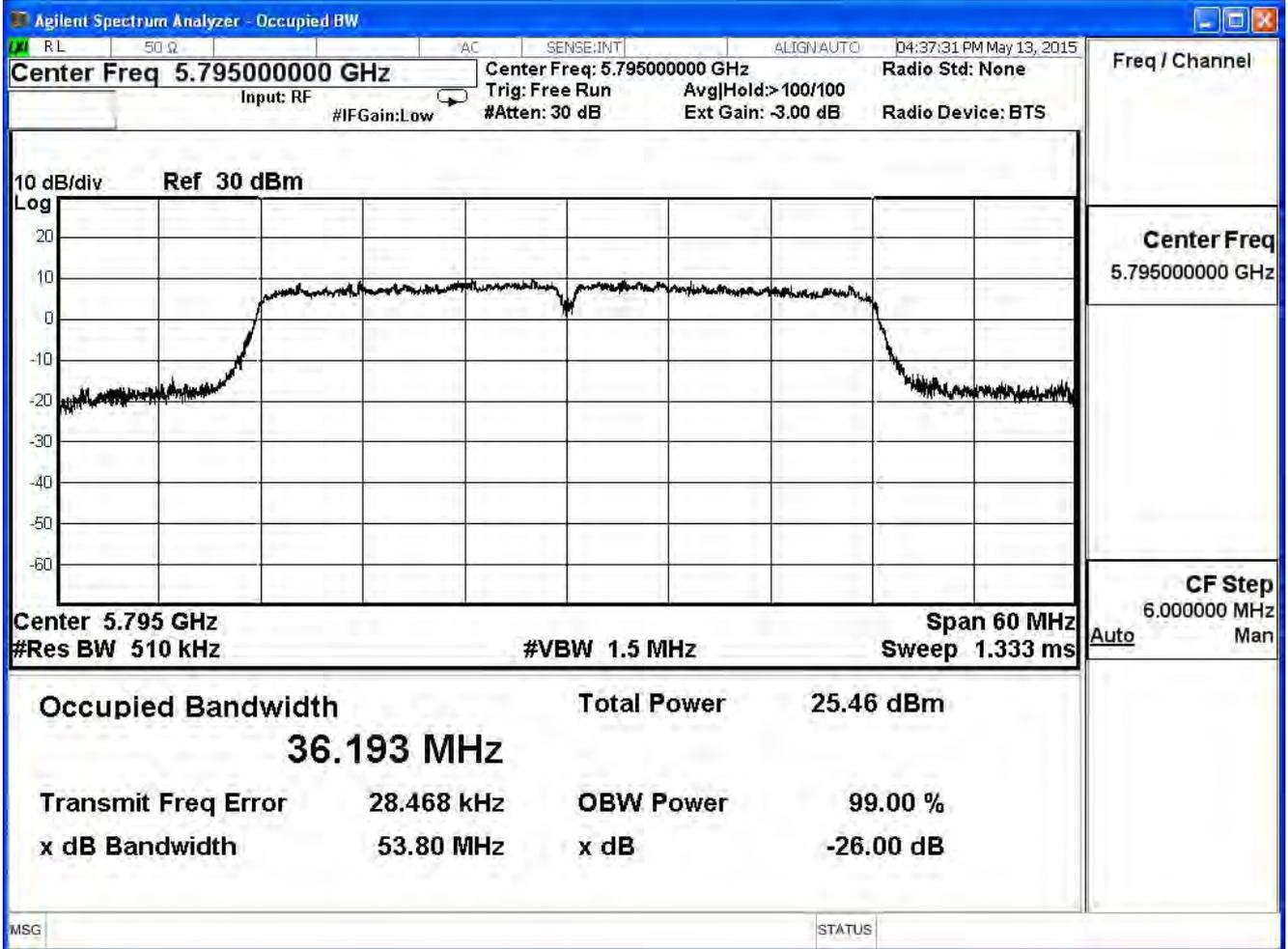
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/12	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.307	--	Pass
159	5795	36.193	--	Pass

Channel 151



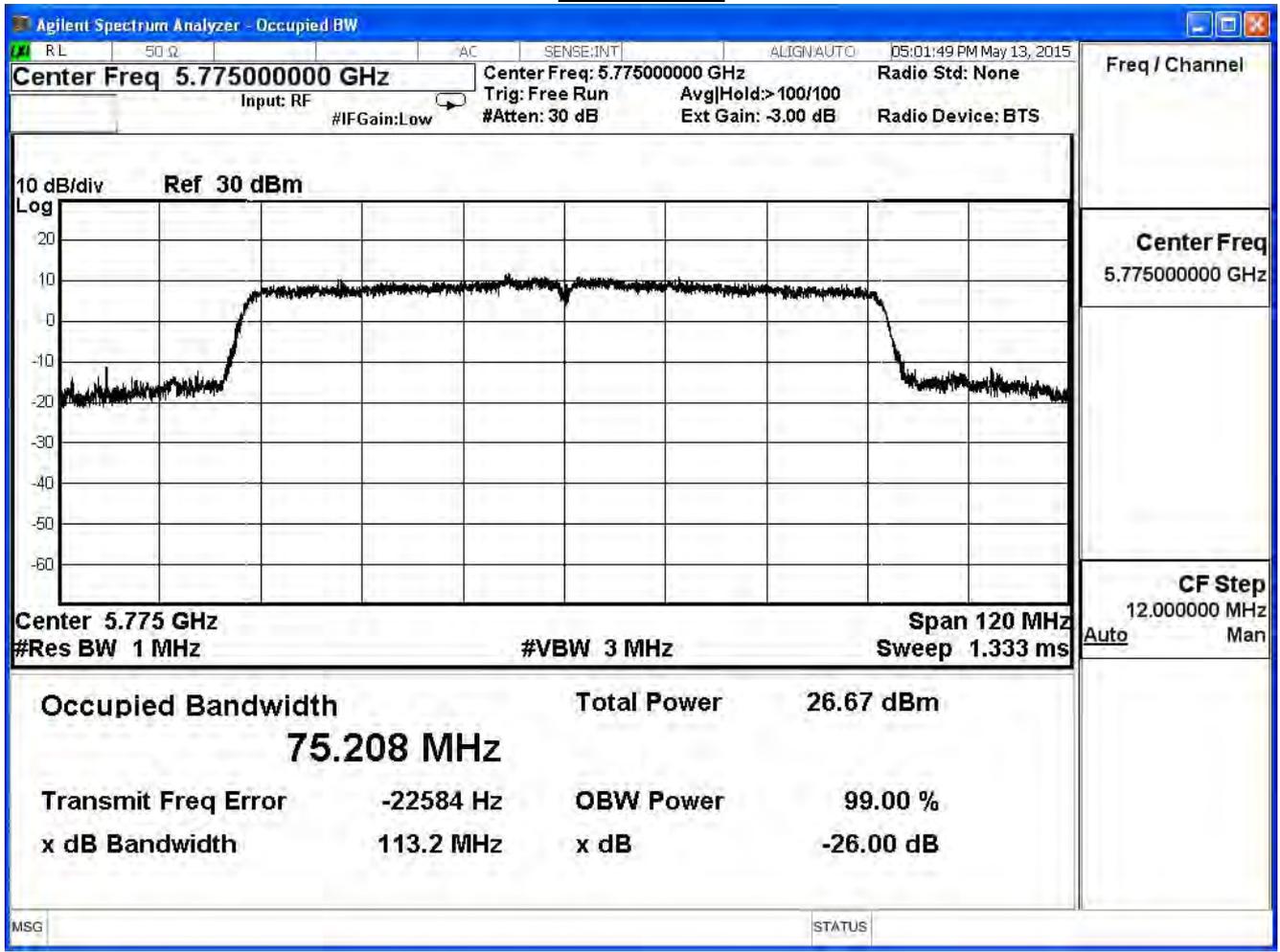
Channel 159



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11ac (80MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.208	--	Pass

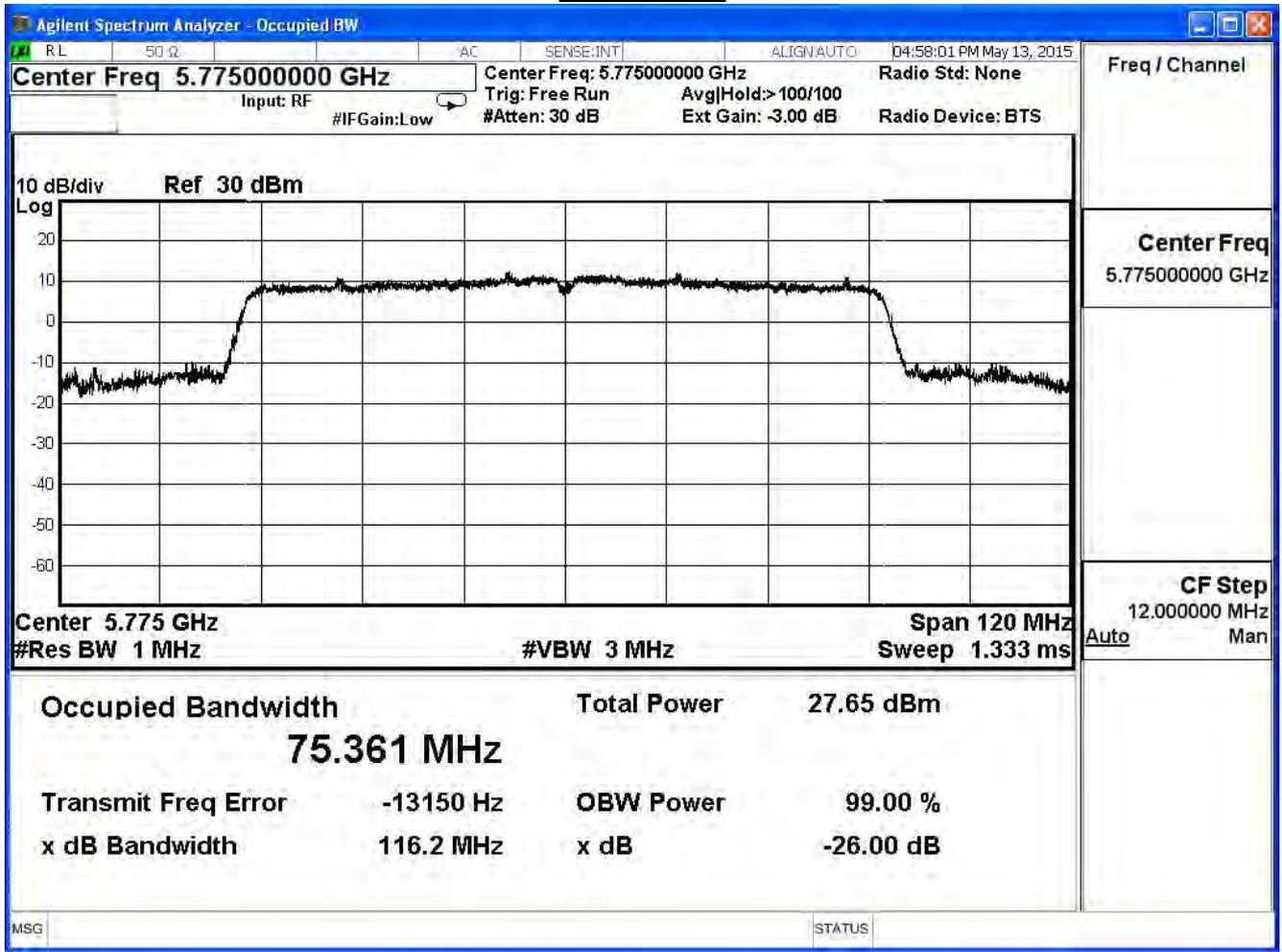
Channel 155



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/13	Test Site	SR7

IEEE 802.11ac (80MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.361	--	Pass

Channel 155



9. Power Density

9.1. Test Equipment

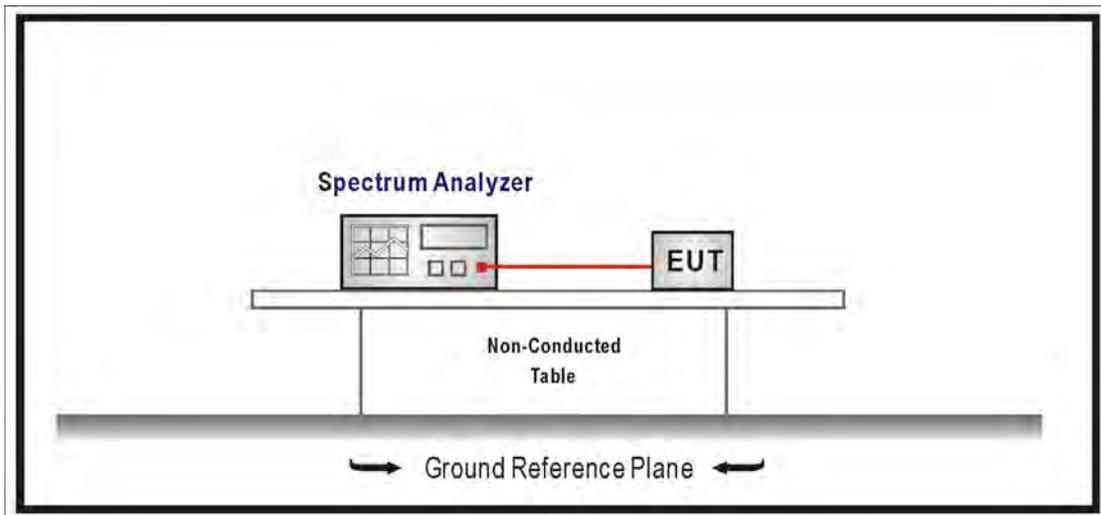
The following test equipment is used during the test:

Power Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

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

9.2. Test Setup



9.3. 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.

9.4. Test Procedures

The EUT was setup according to ANSI C63.10: 2009; tested according to DTS test procedure section 10.2 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements.

Set $3\text{kHz} \leq \text{RBW} \leq 100 \text{ kHz}$, Set $\text{VBW} \geq 3 \times \text{RBW}$, Sweep time=Auto, Set Peak detector; The tested according to section E)c) of KDB662911 v02v01.

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

9.6. Uncertainty

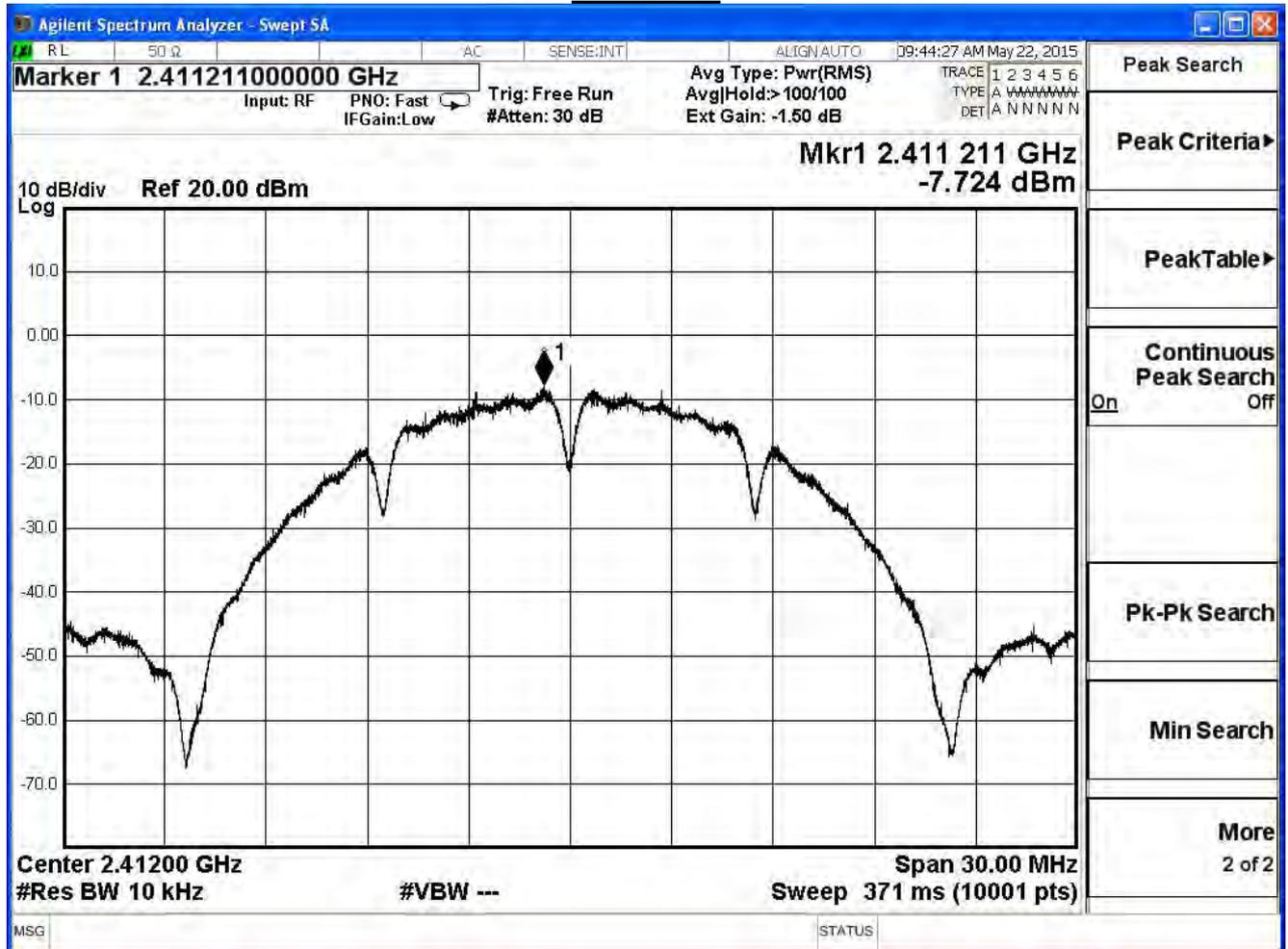
The measurement uncertainty is defined as $\pm 1.27\text{dB}$.

9.7. Test Result

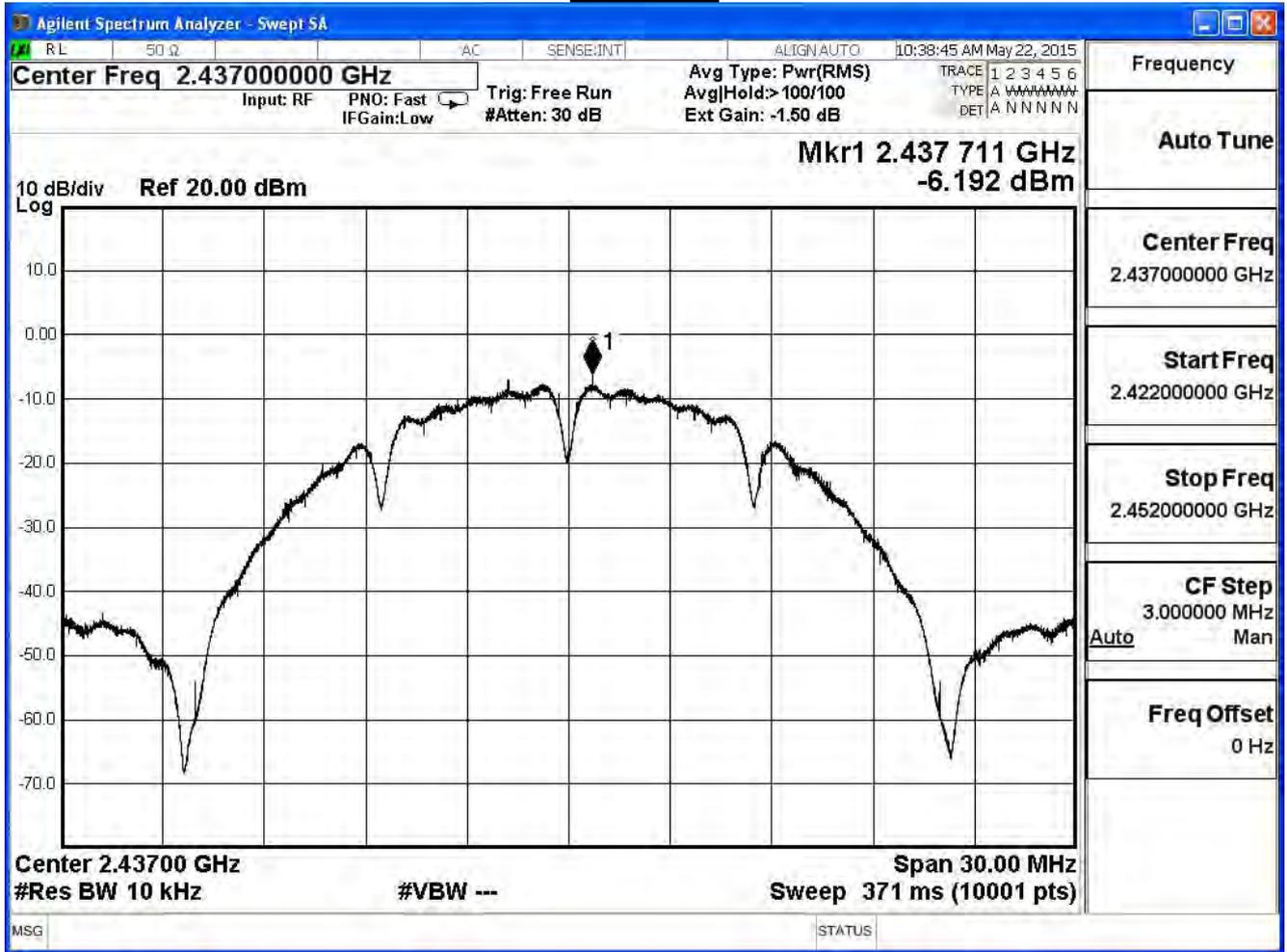
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-7.724	≤ 8	Pass
6	2437	-6.192	≤ 8	Pass
11	2462	-7.757	≤ 8	Pass

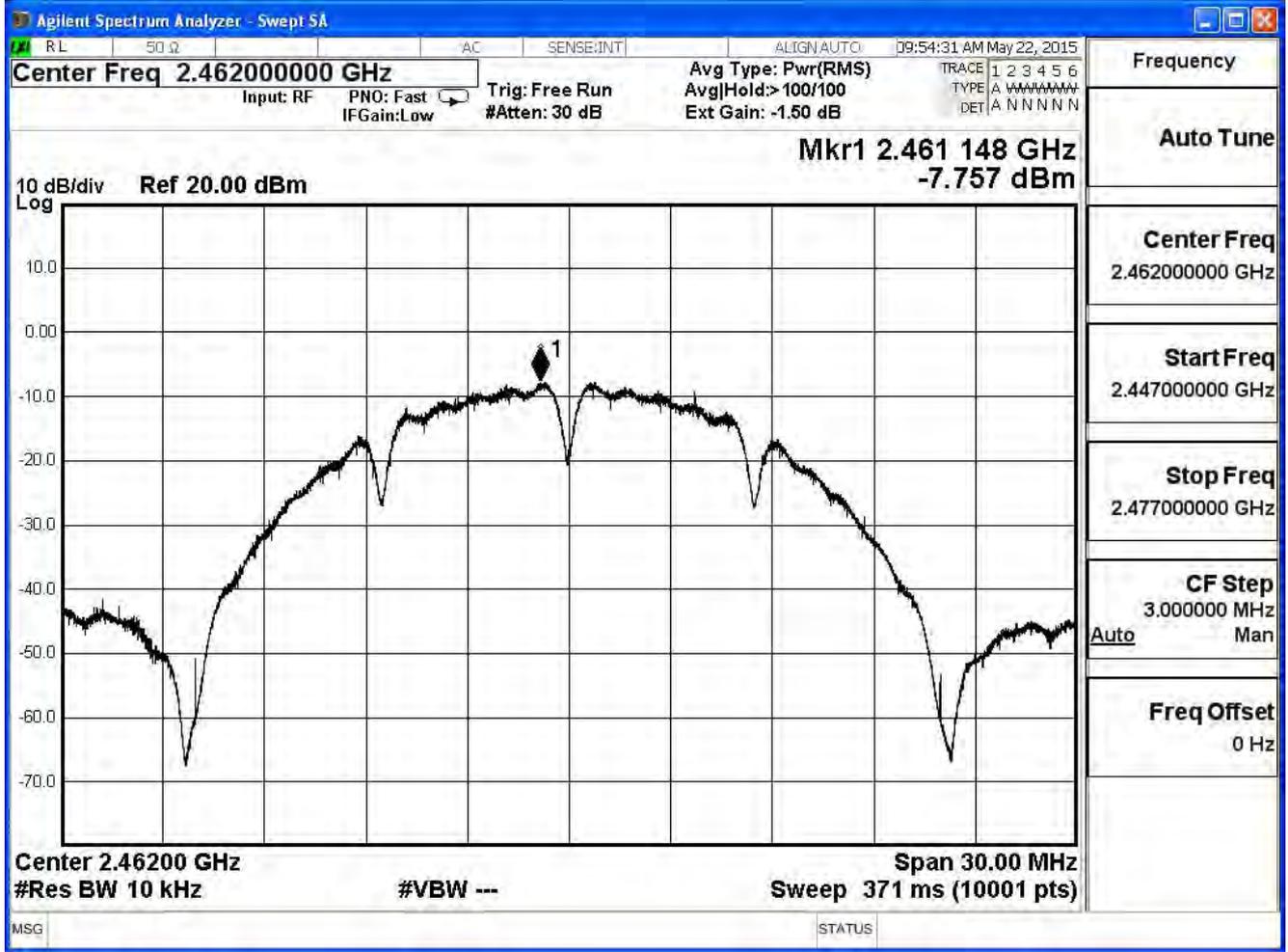
Channel 1



Channel 6



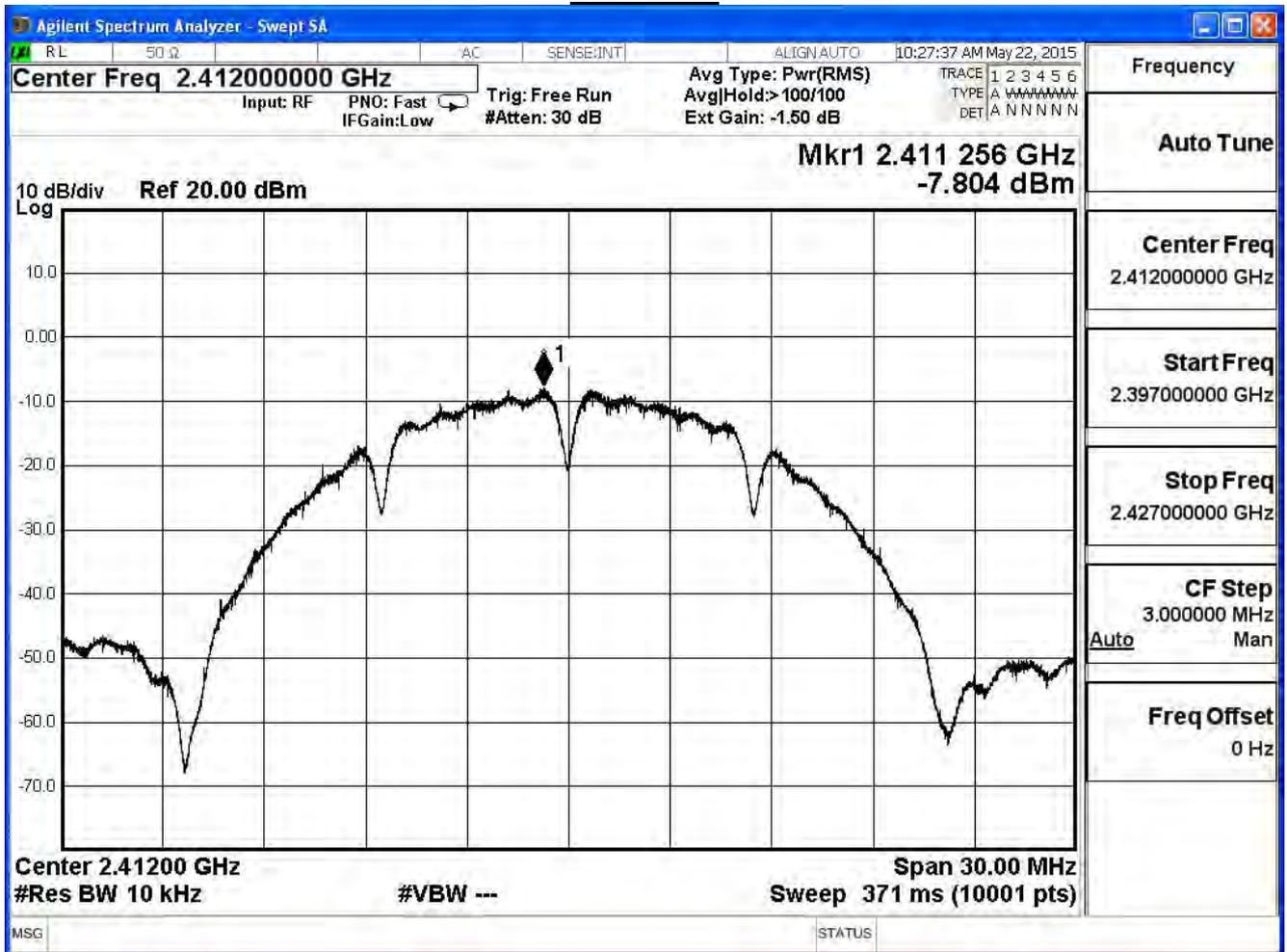
Channel 11



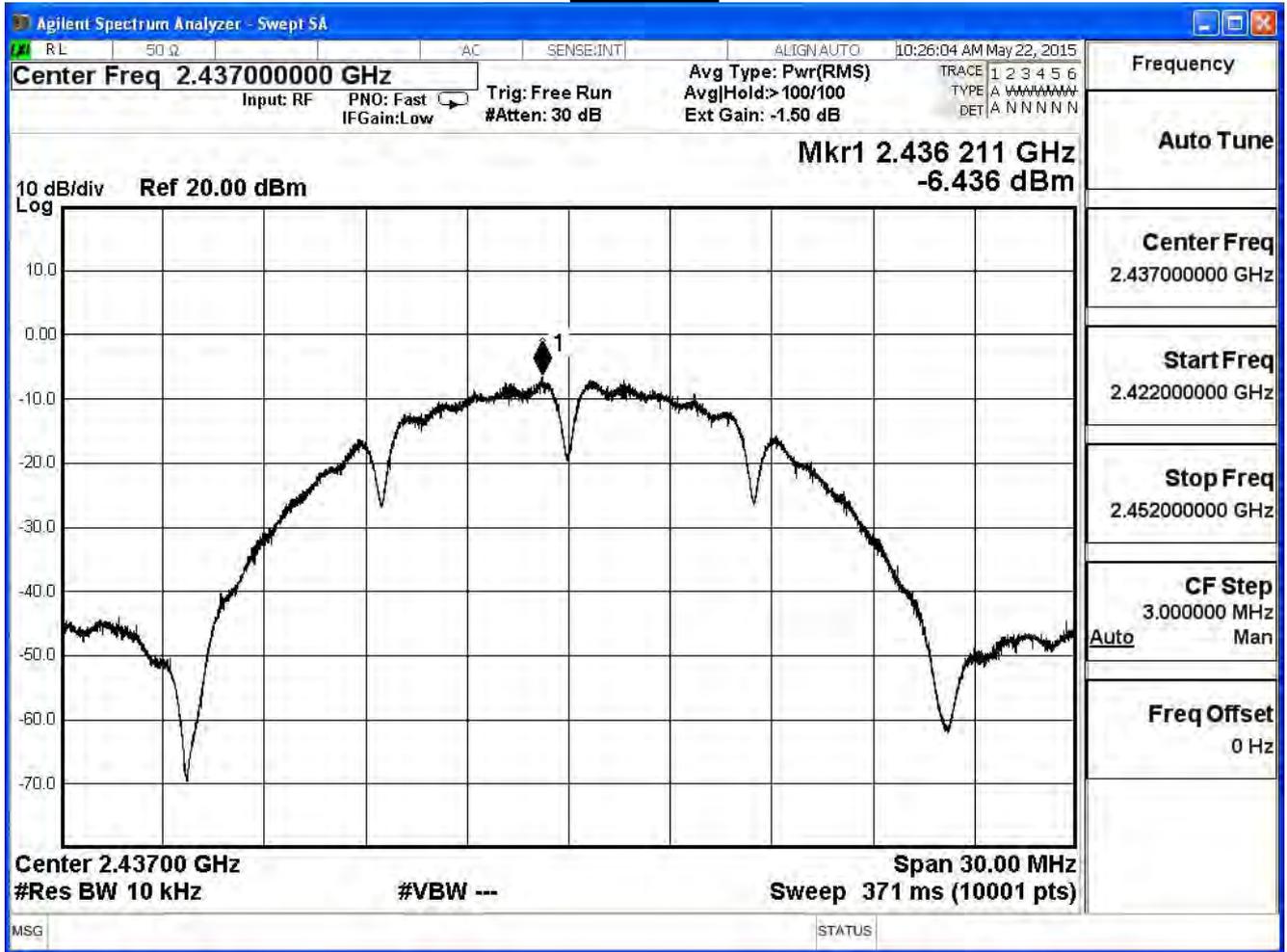
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-7.804	≤ 8	Pass
6	2437	-6.436	≤ 8	Pass
11	2462	-6.626	≤ 8	Pass

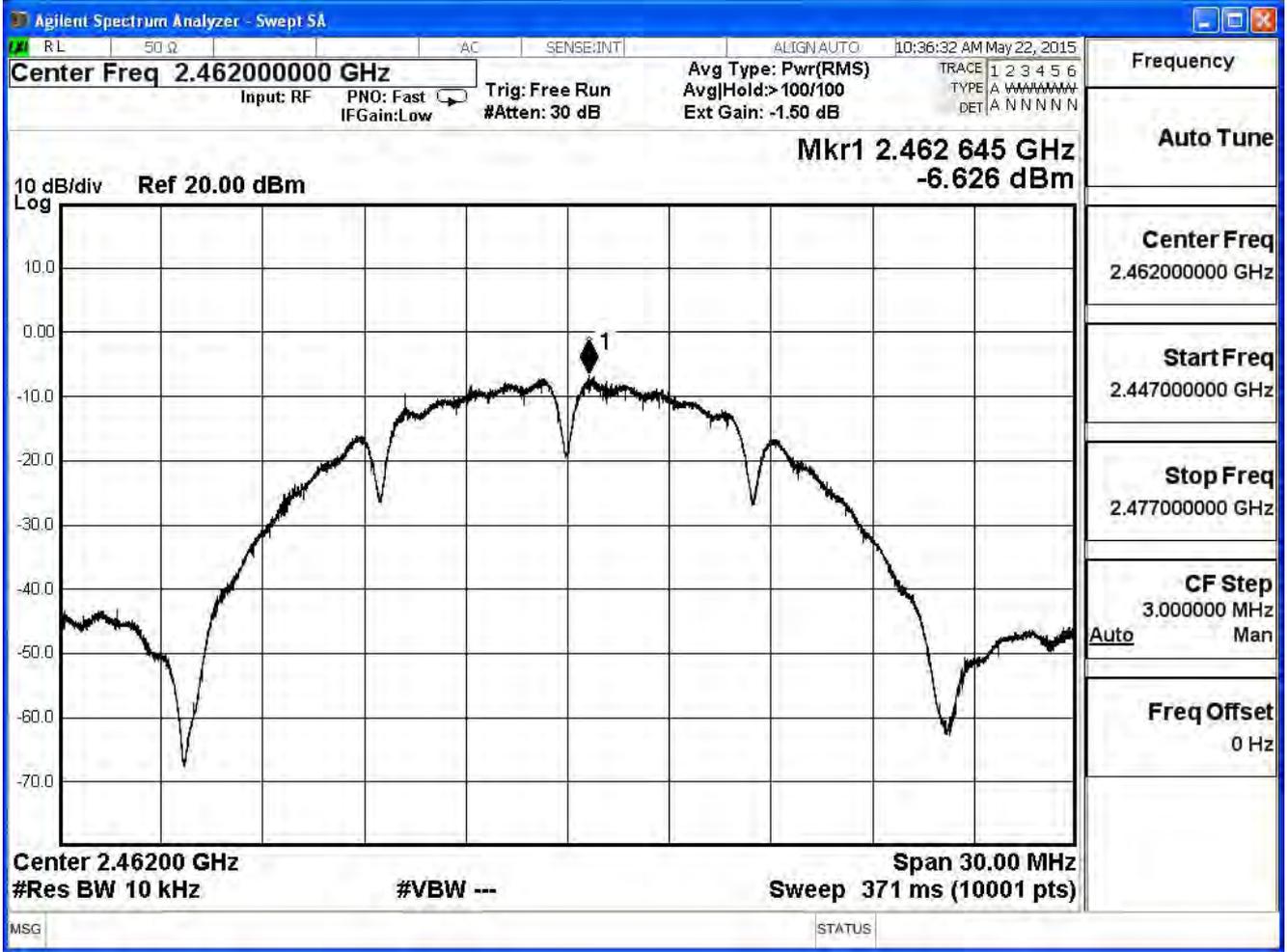
Channel 1



Channel 6



Channel 11



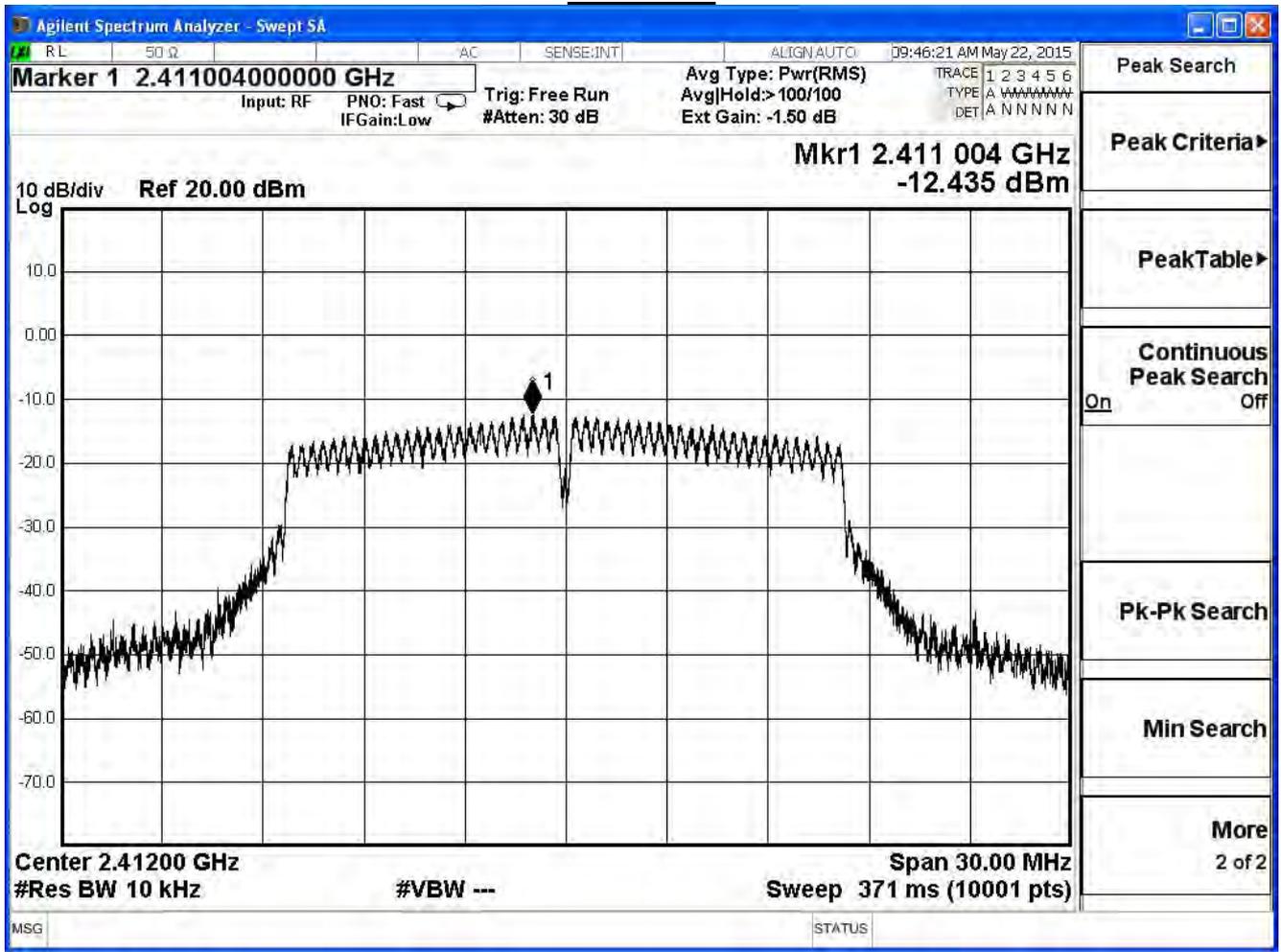
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11b (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-4.754	≤ 8	Pass
6	2437	-3.302	≤ 8	Pass
11	2462	-4.144	≤ 8	Pass

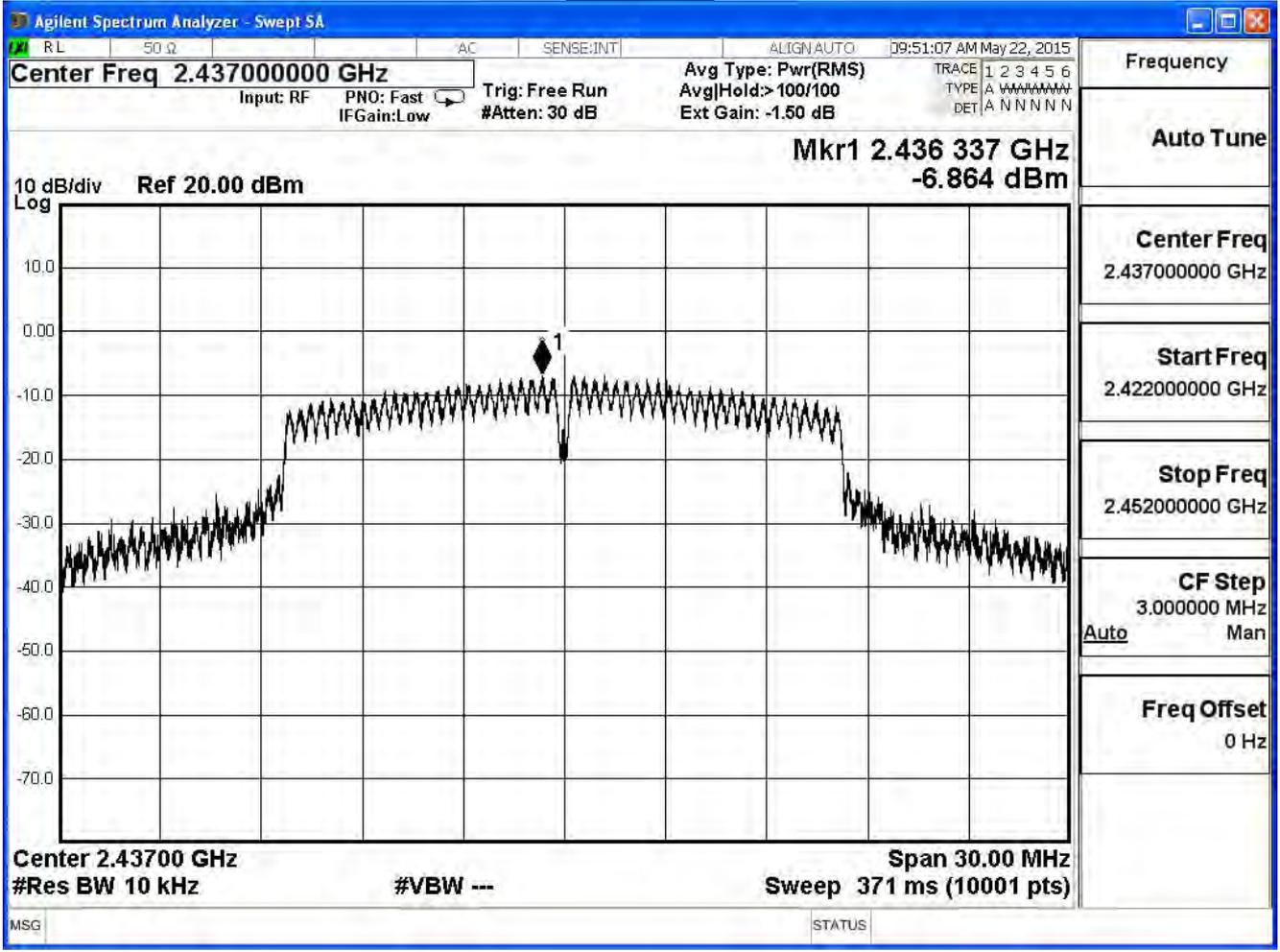
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-12.435	≤ 8	Pass
6	2437	-6.864	≤ 8	Pass
11	2462	-12.238	≤ 8	Pass

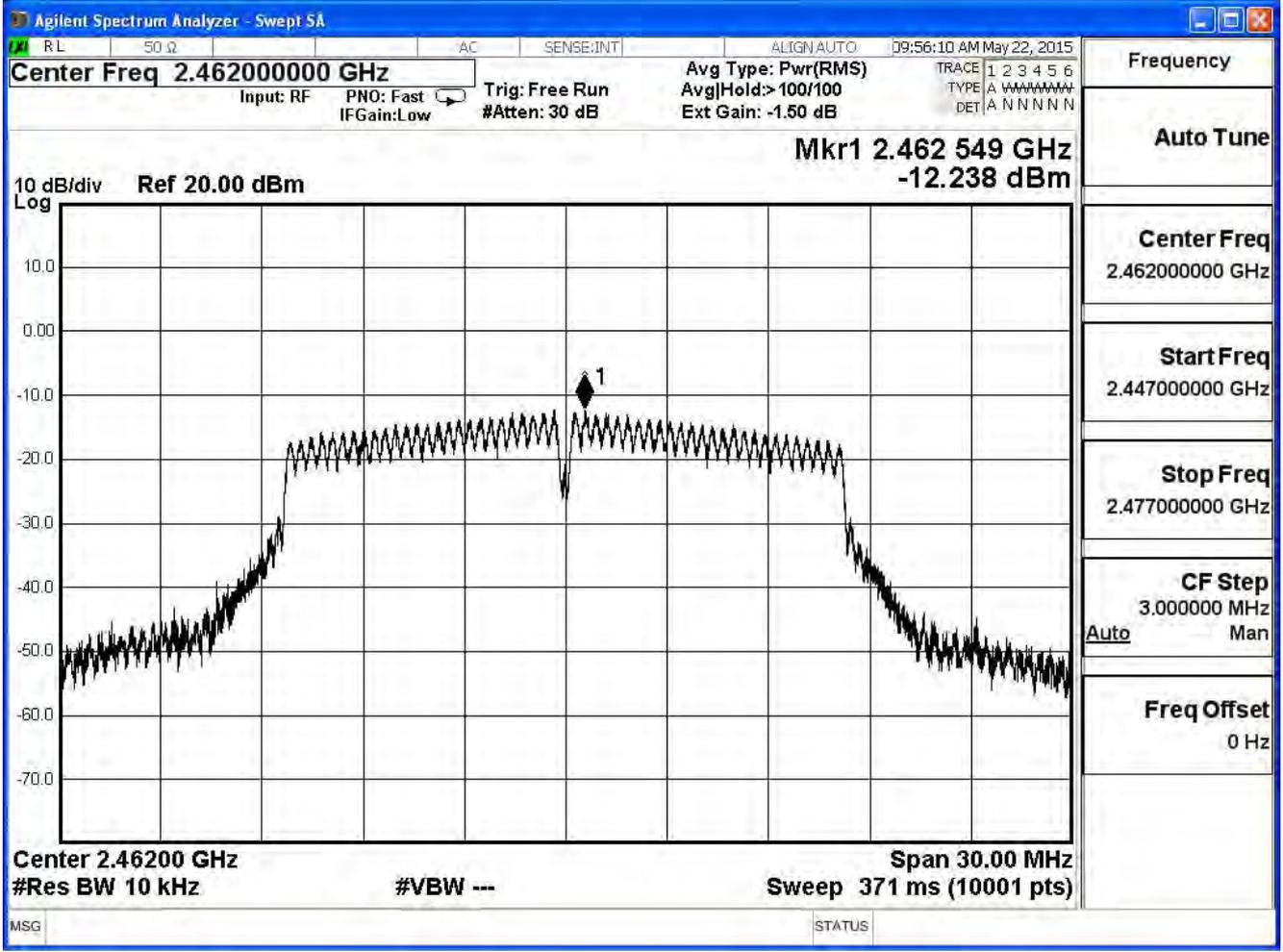
Channel 1



Channel 6



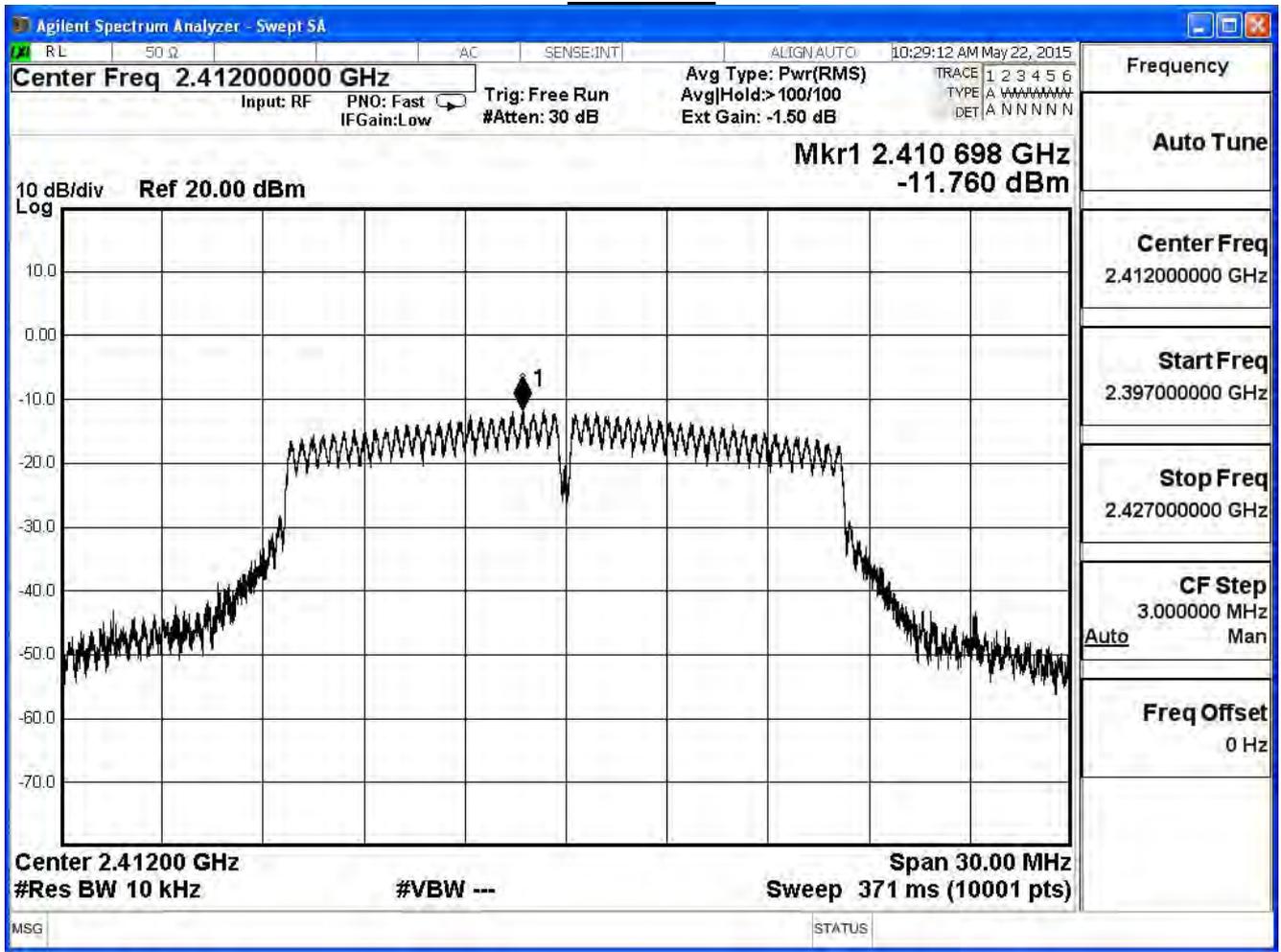
Channel 11



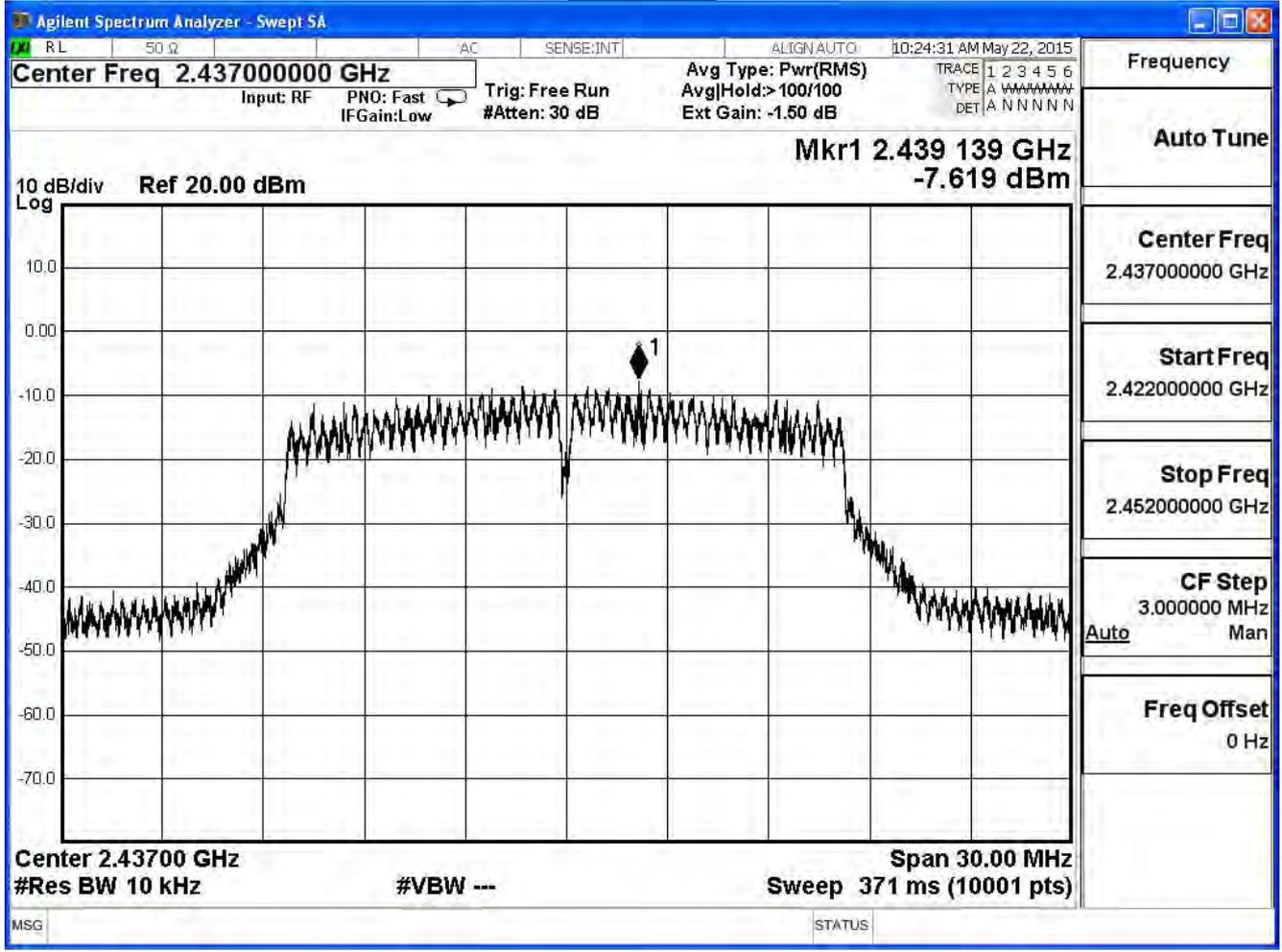
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-11.760	≤ 8	Pass
6	2437	-7.619	≤ 8	Pass
11	2462	-11.664	≤ 8	Pass

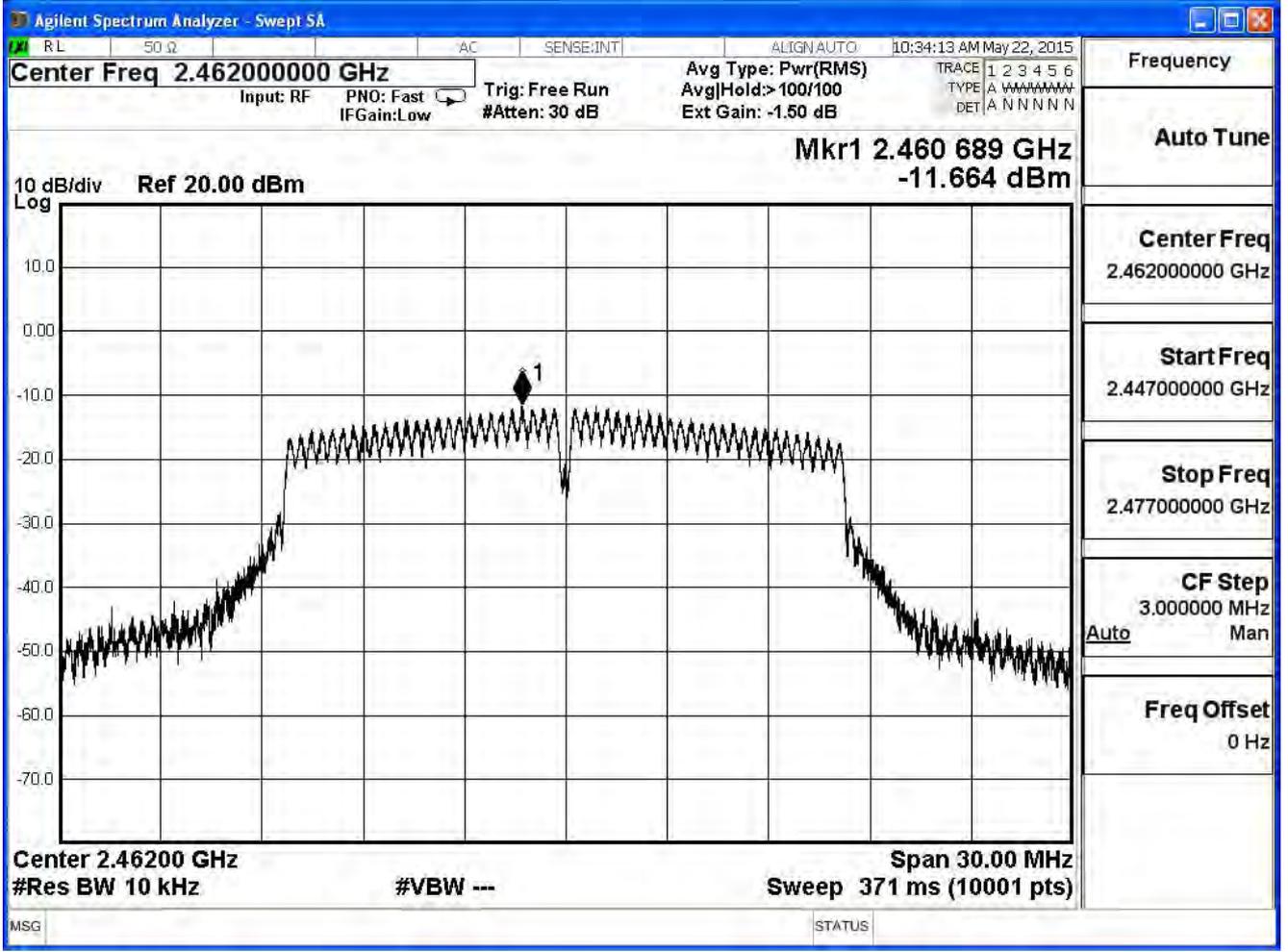
Channel 1



Channel 6



Channel 11



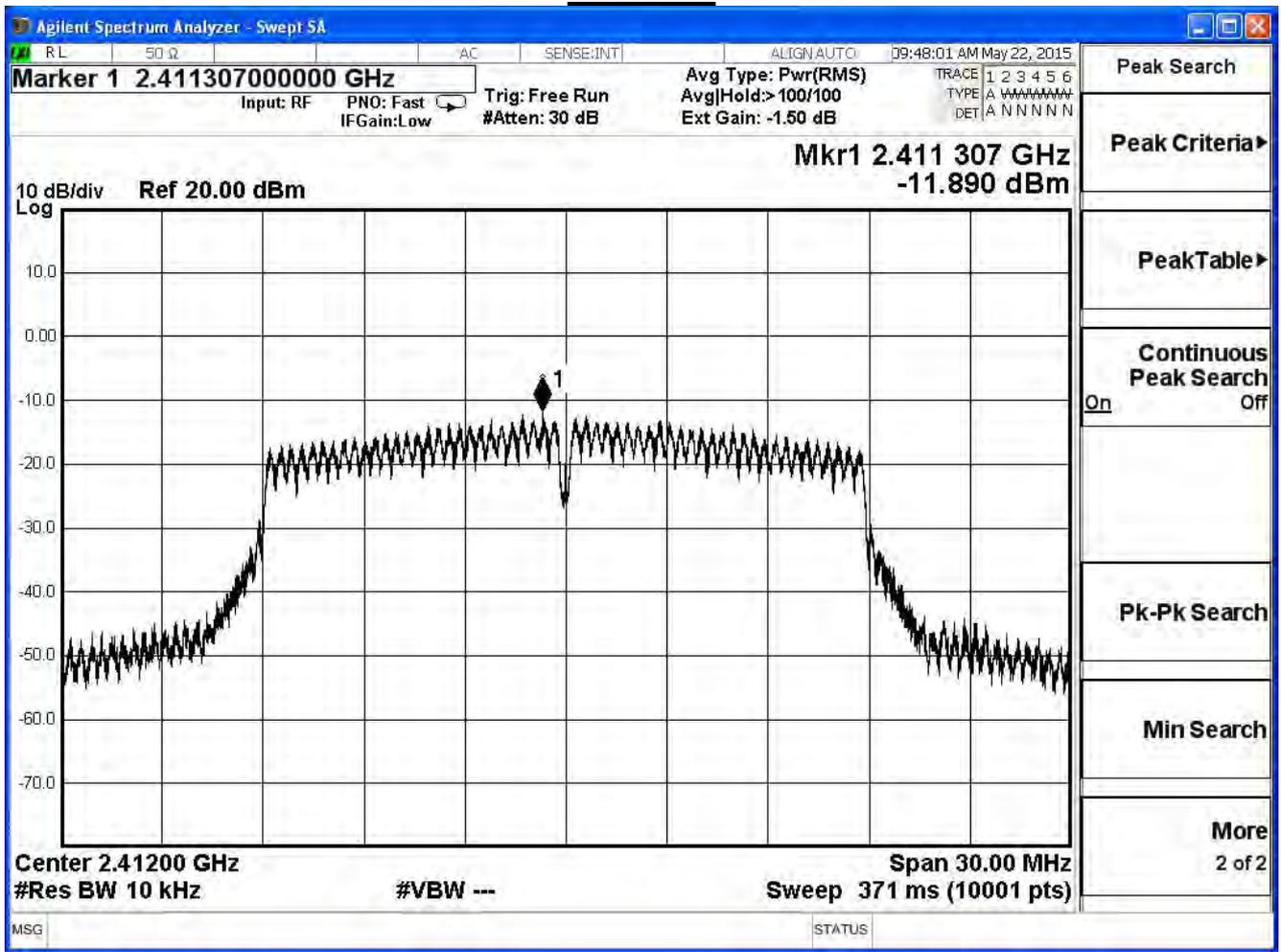
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11g (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-9.074	≤ 8	Pass
6	2437	-4.215	≤ 8	Pass
11	2462	-8.931	≤ 8	Pass

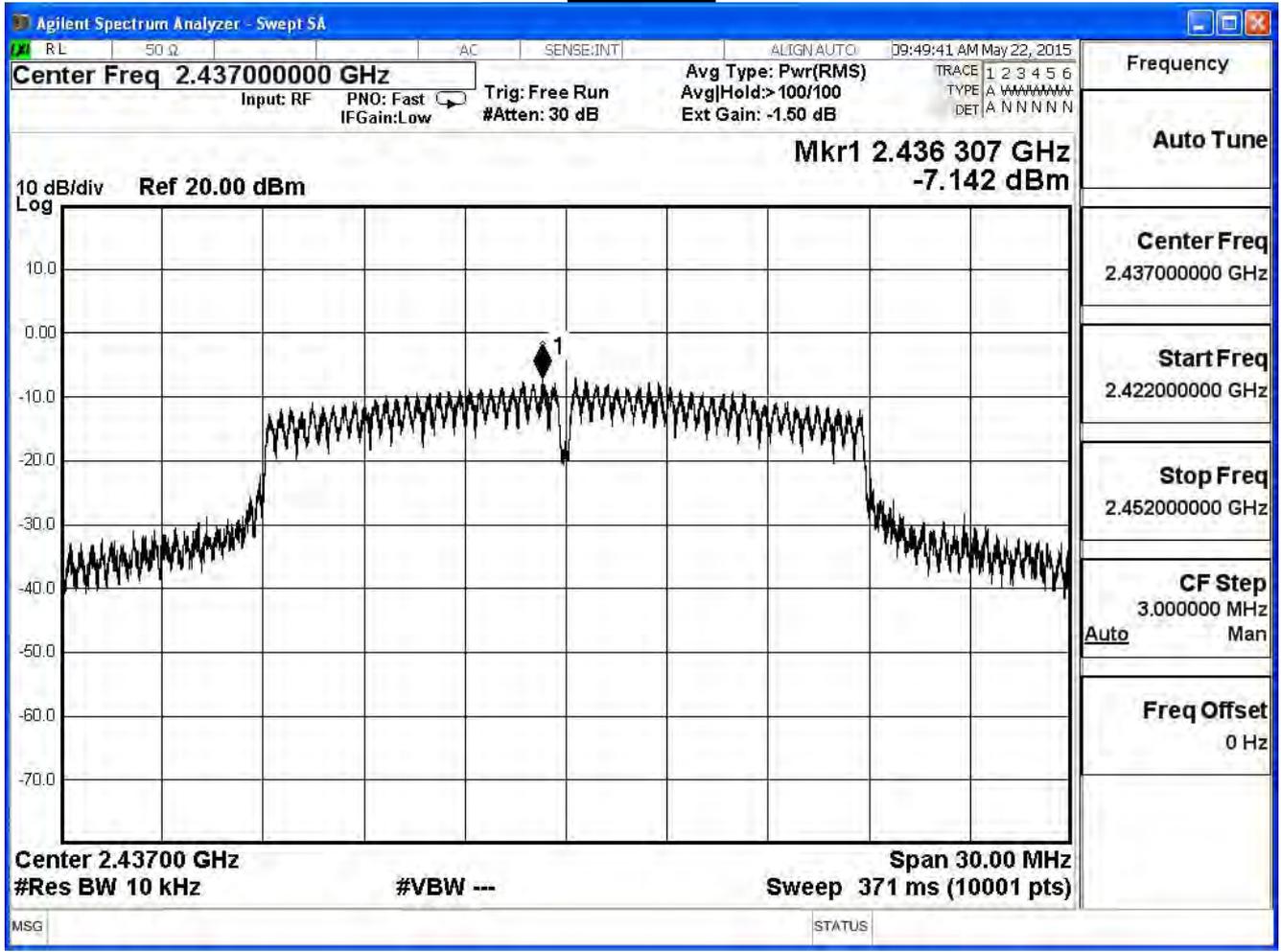
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE802.11n_20MHz_(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-11.890	≤ 8	Pass
6	2437	-7.142	≤ 8	Pass
11	2462	-12.496	≤ 8	Pass

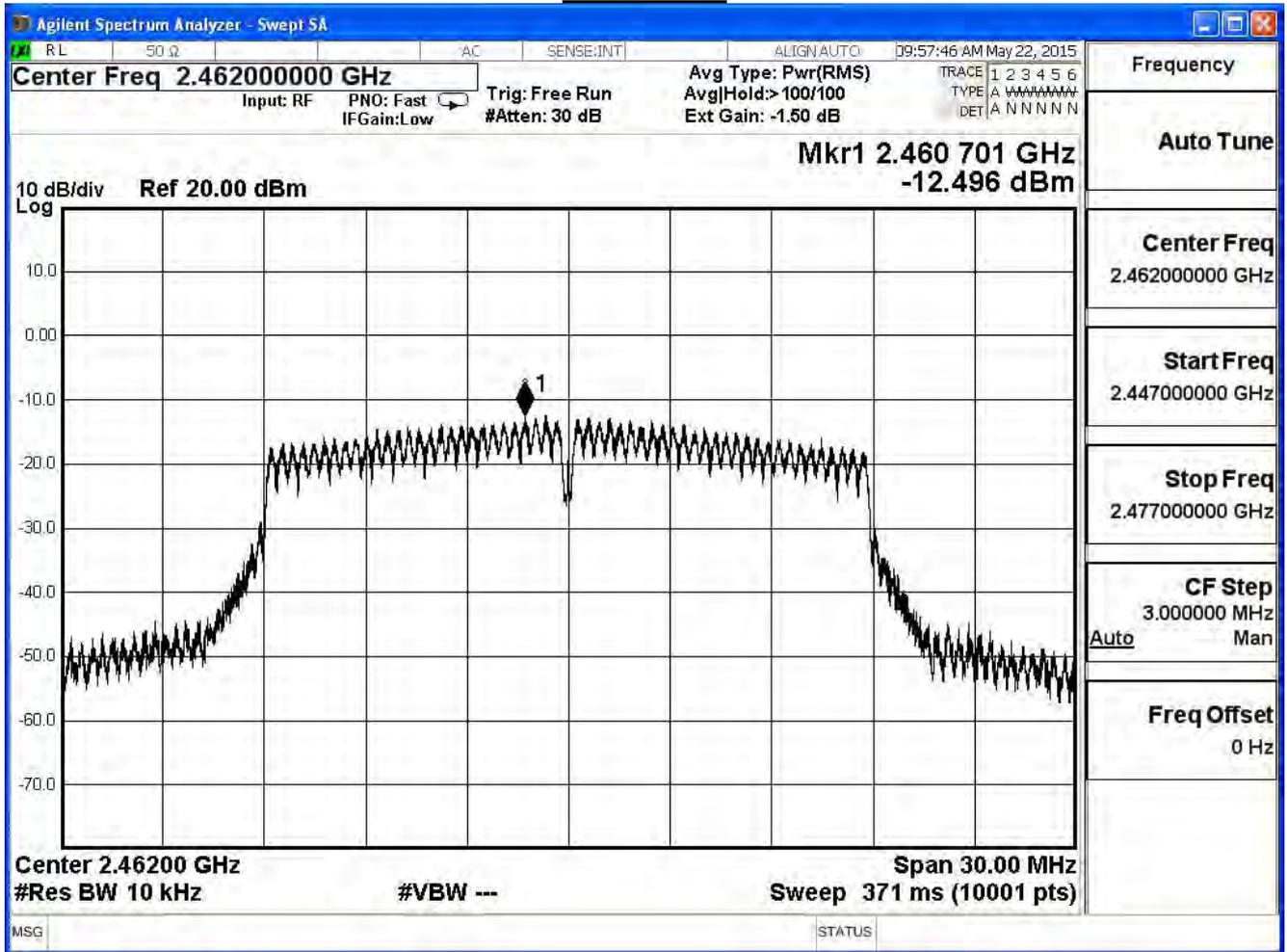
Channel 1



Channel 6



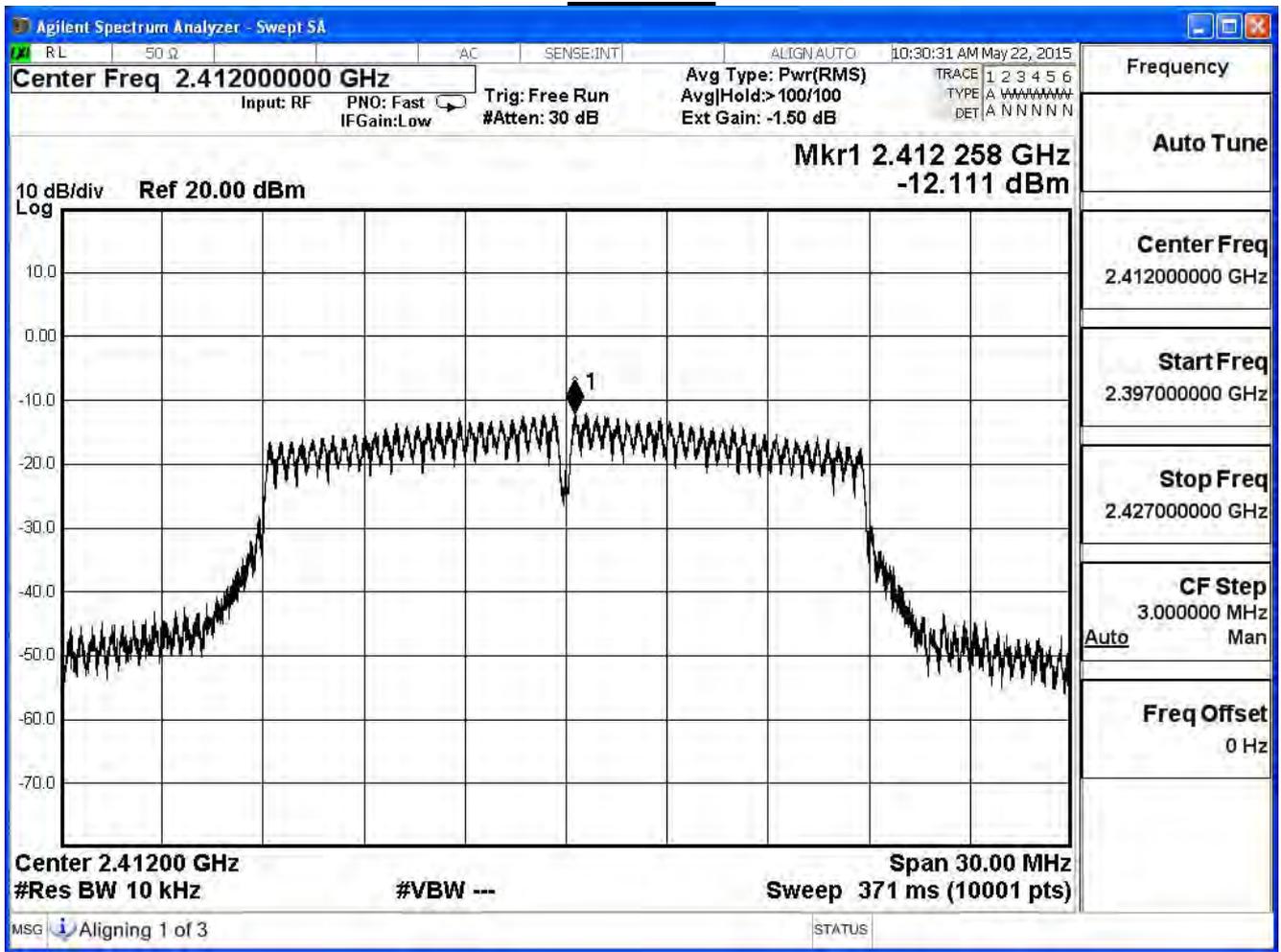
Channel 11



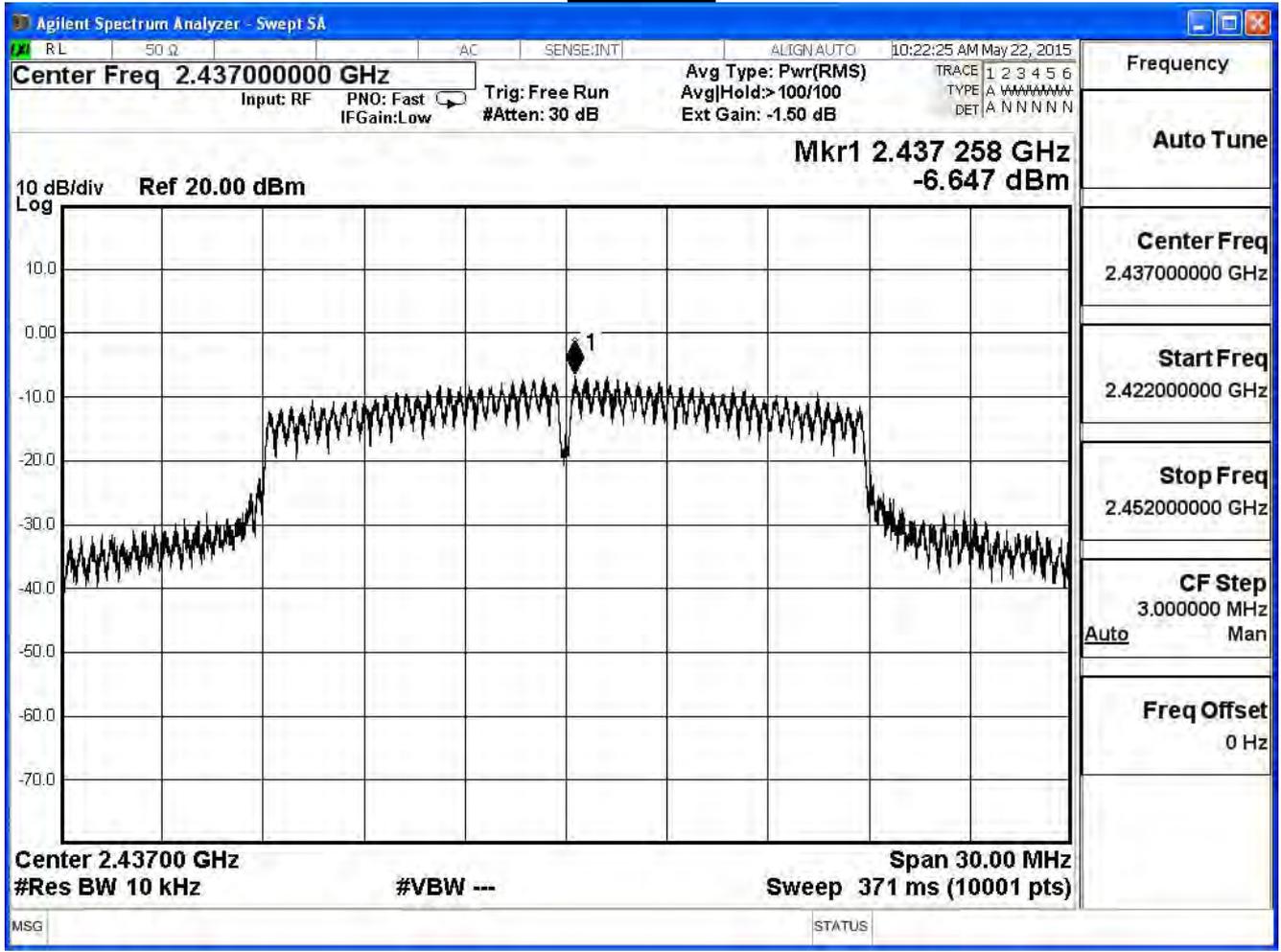
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE802.11n_20MHz_(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-12.111	≤ 8	Pass
6	2437	-6.647	≤ 8	Pass
11	2462	-11.622	≤ 8	Pass

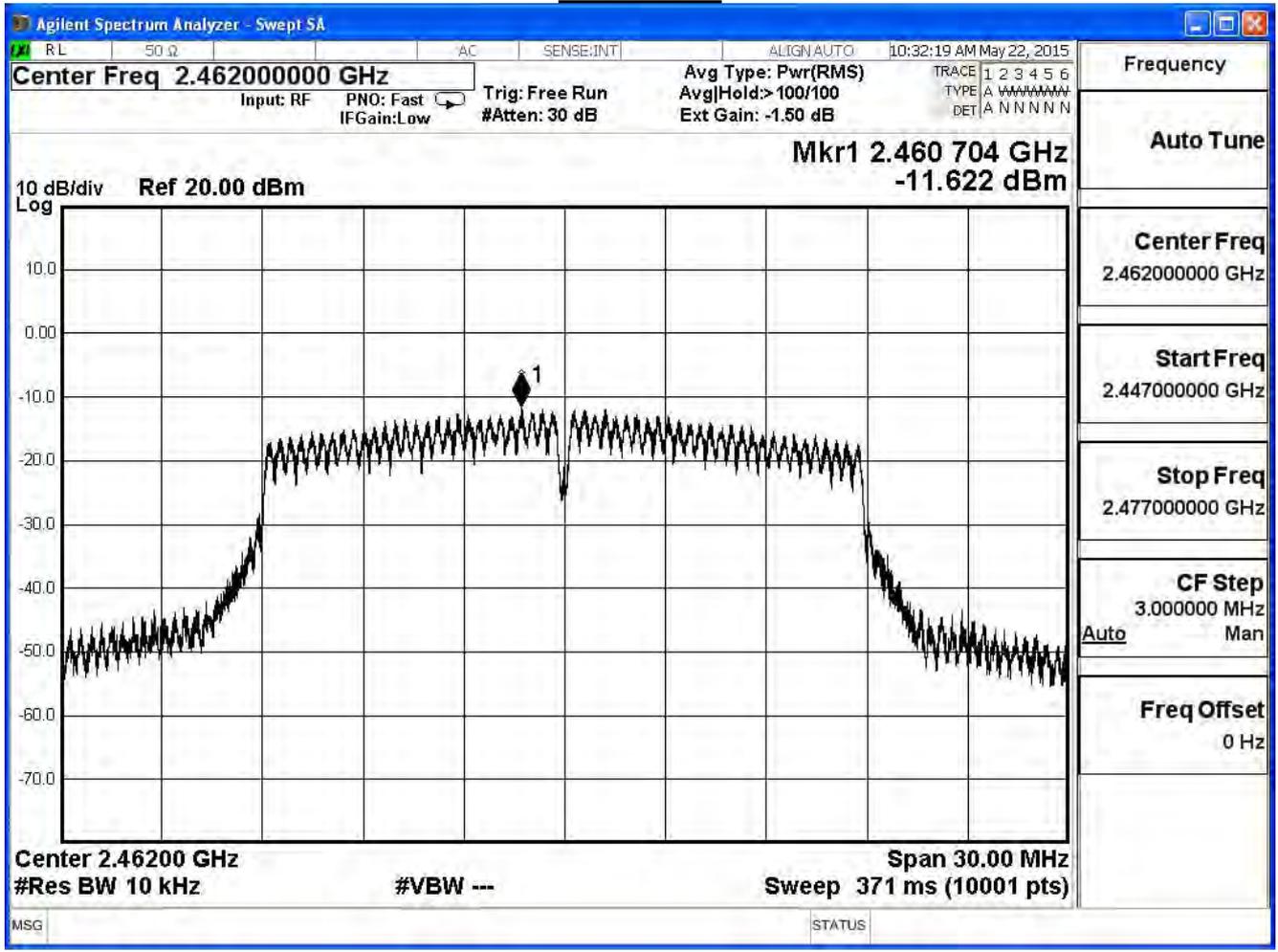
Channel 1



Channel 6



Channel 11



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

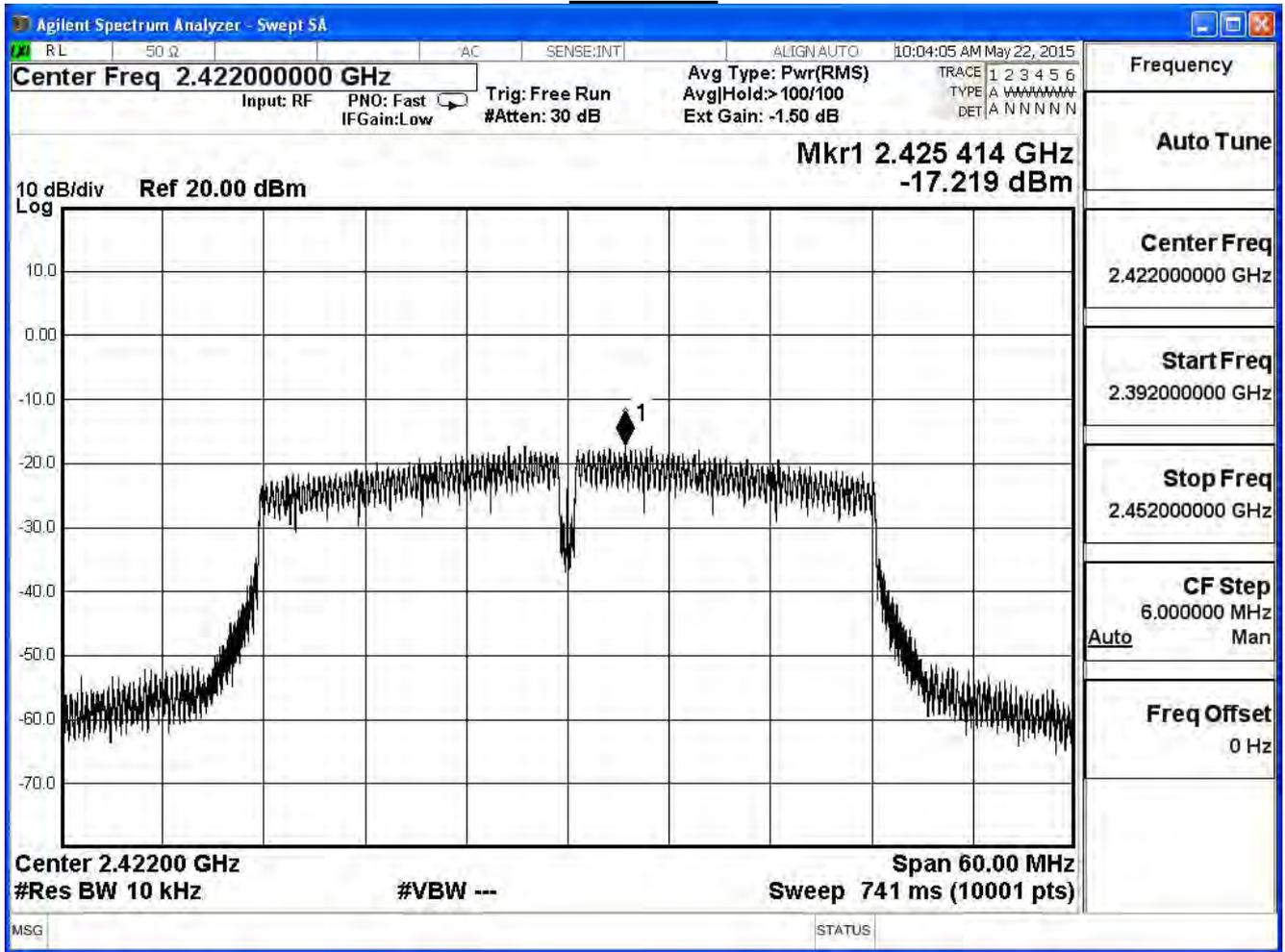
IEEE802.11n 20MHz(ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.989	≤ 8	Pass
6	2437	-3.877	≤ 8	Pass
11	2462	-9.027	≤ 8	Pass

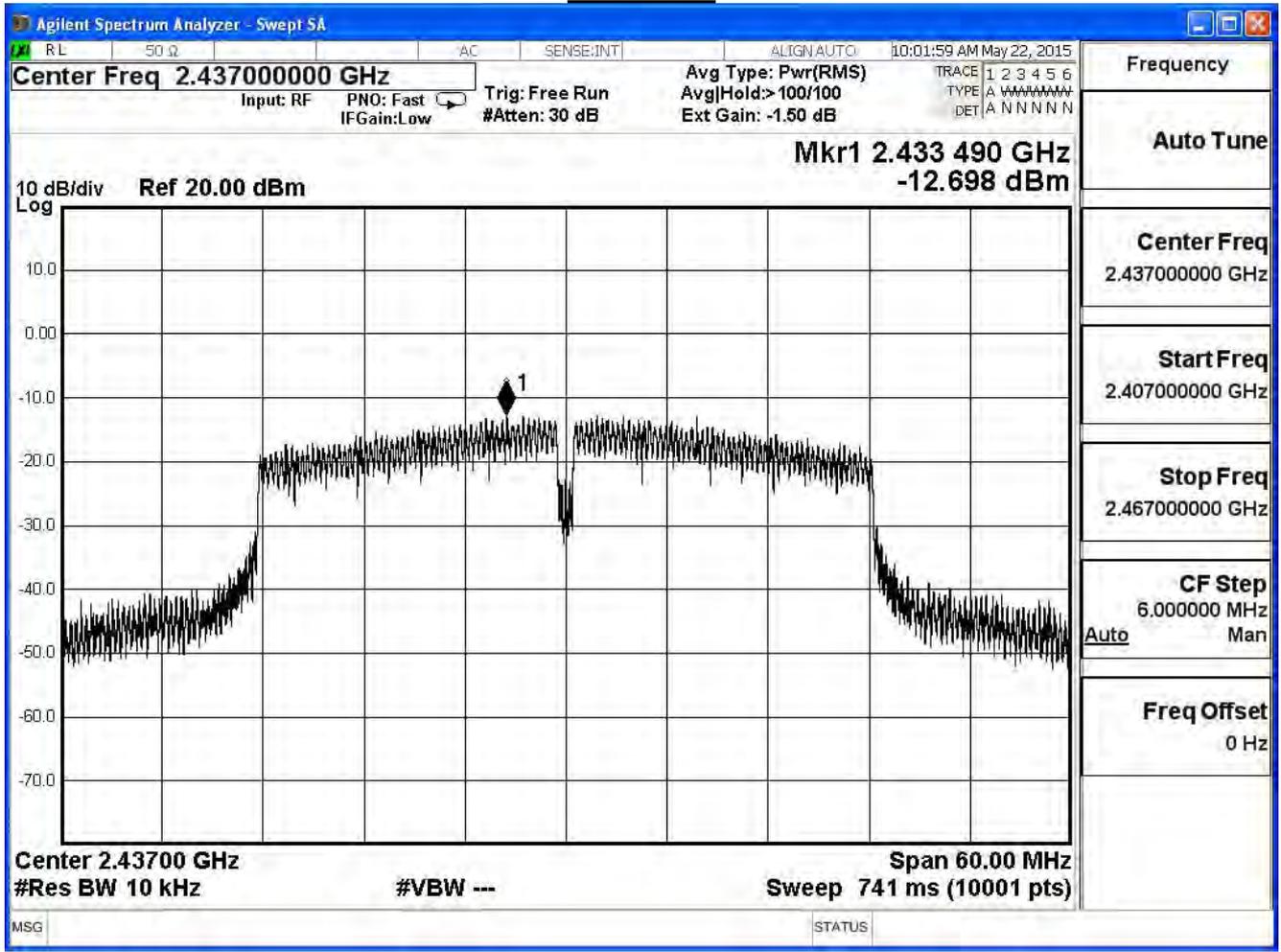
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11n_40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-17.219	≤ 8	Pass
6	2437	-12.698	≤ 8	Pass
9	2452	-16.876	≤ 8	Pass

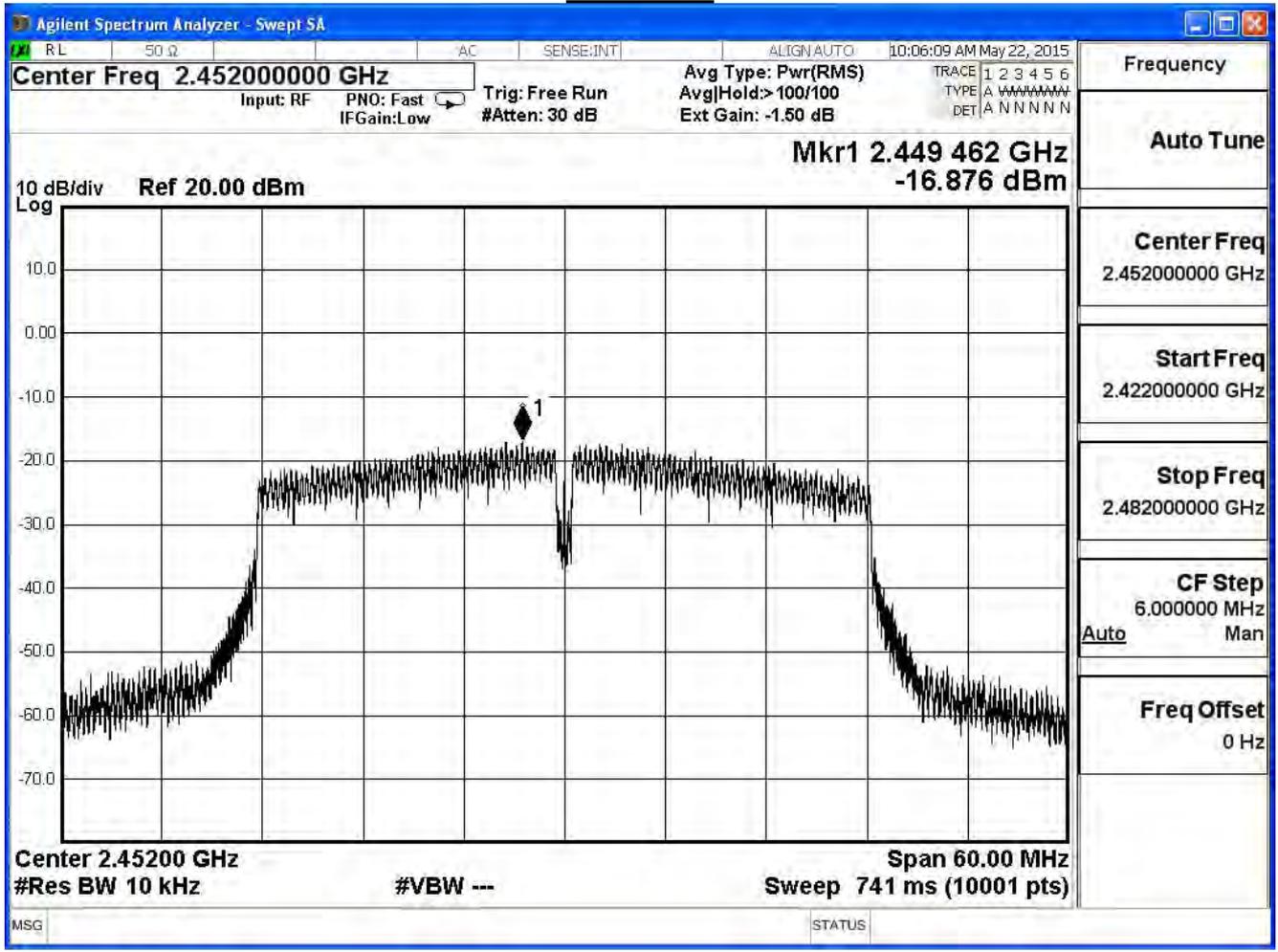
Channel 3



Channel 6



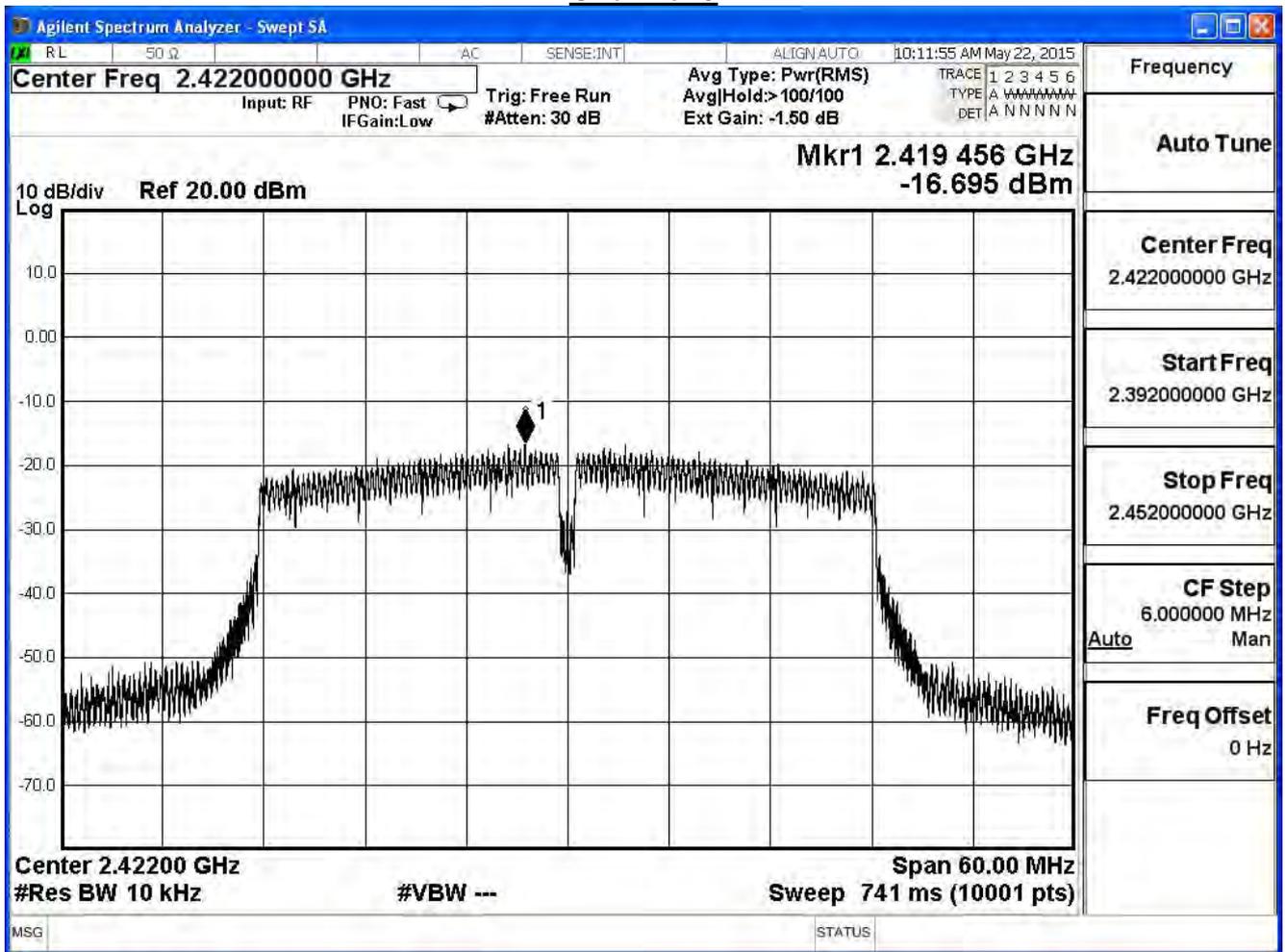
Channel 9



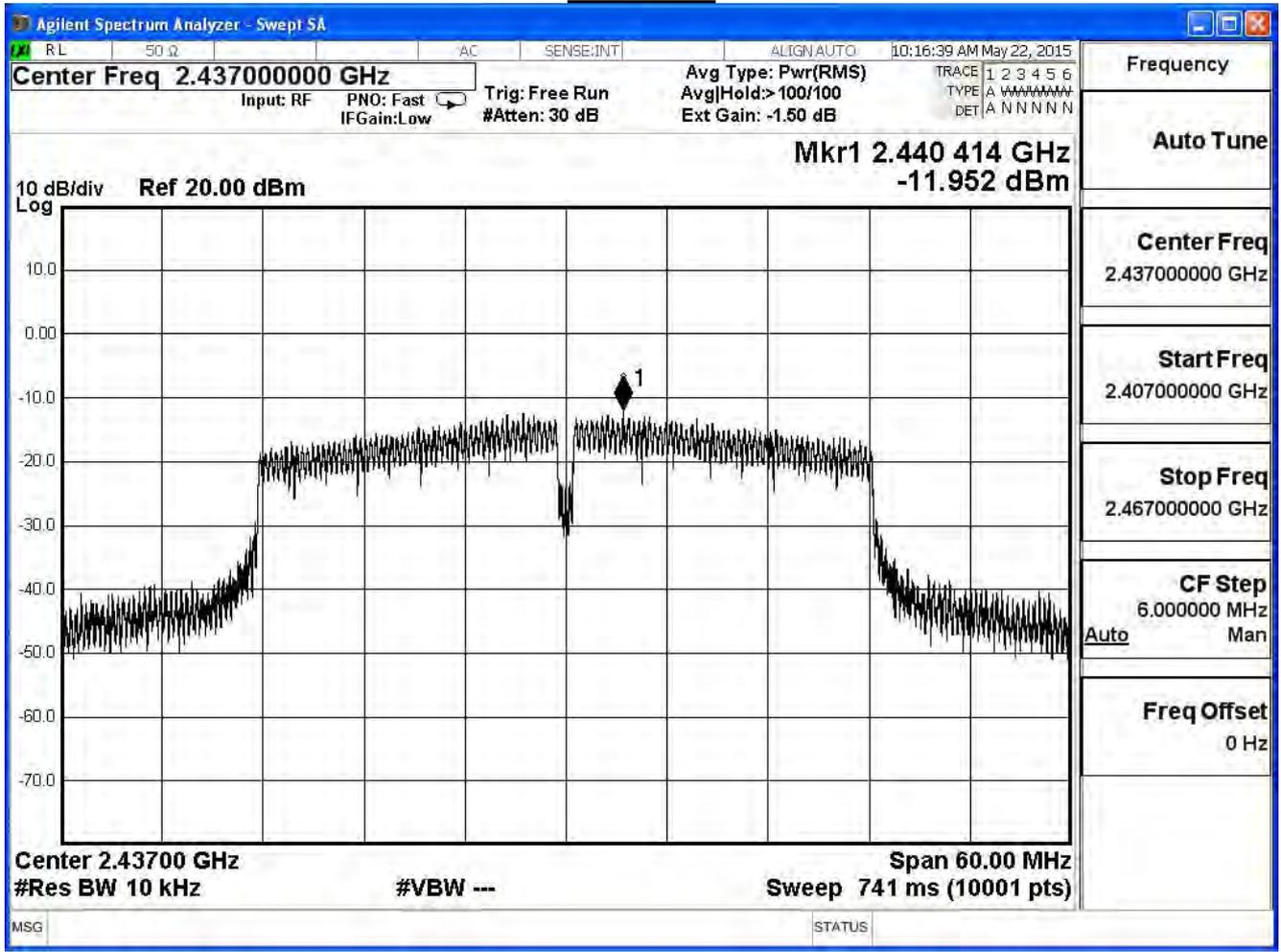
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-16.695	≤ 8	Pass
6	2437	-11.952	≤ 8	Pass
9	2452	-16.140	≤ 8	Pass

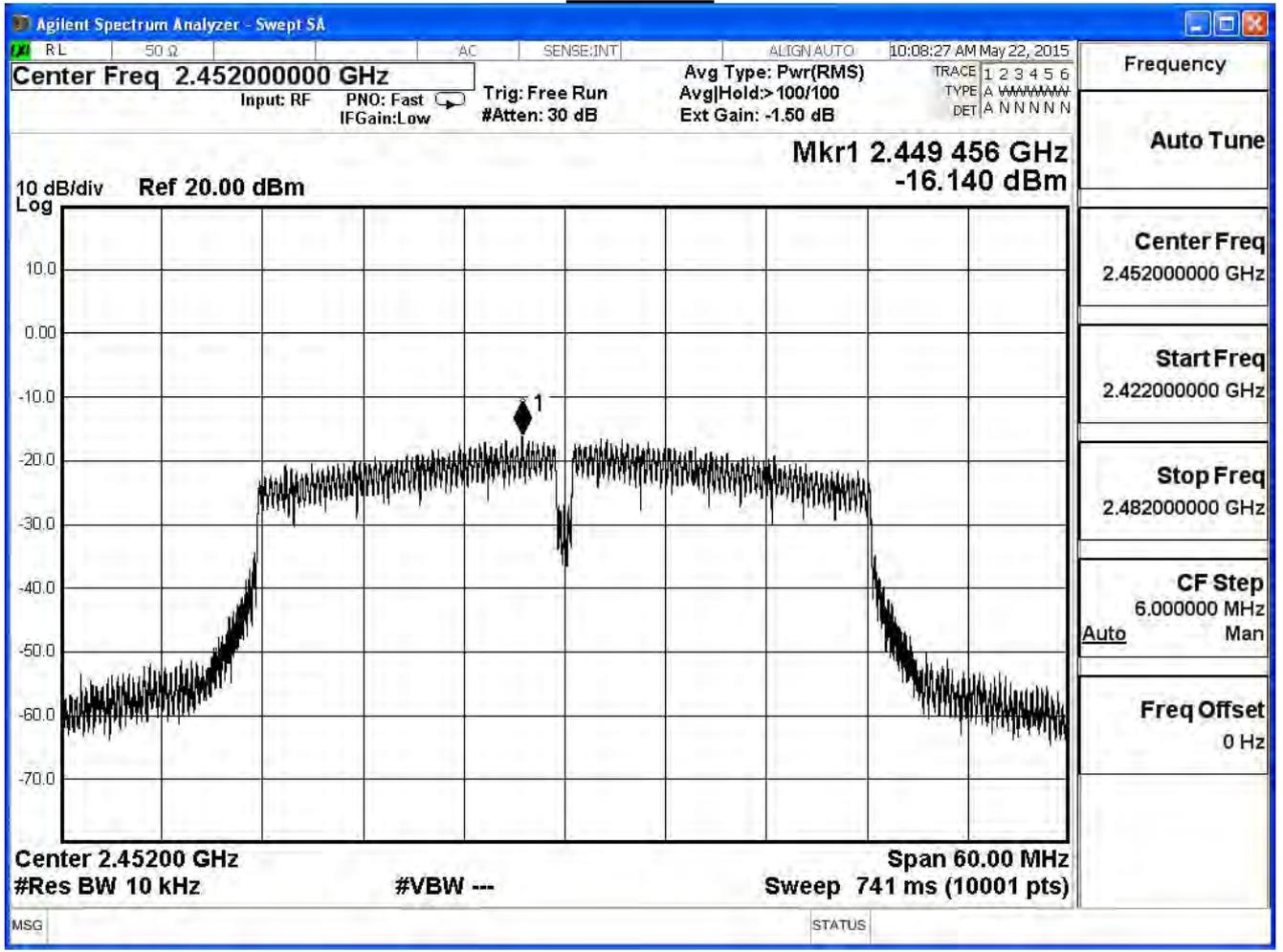
Channel 3



Channel 6



Channel 9



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/22	Test Site	SR7

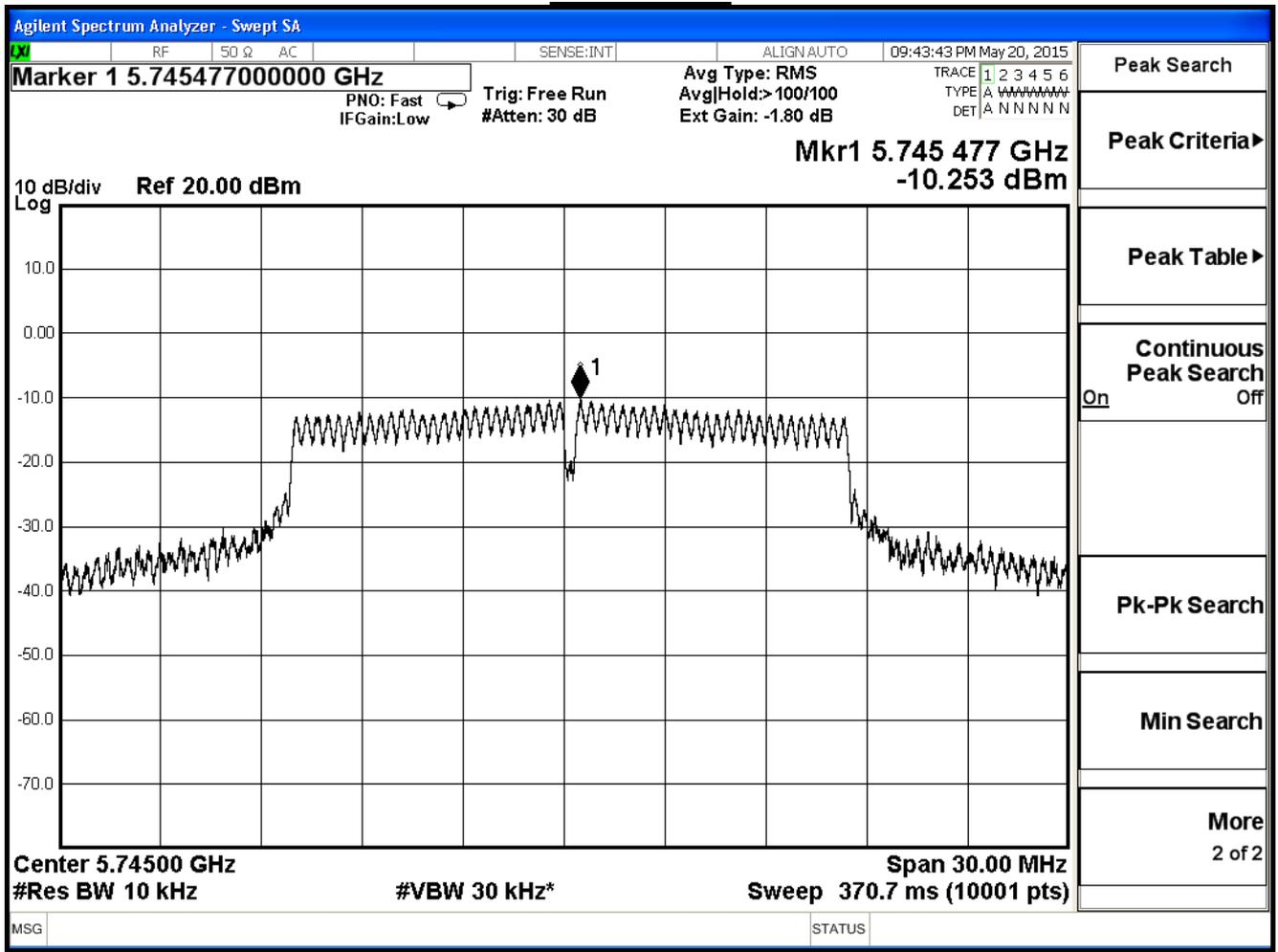
IEEE802.11n 40MHz(ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-13.939	≤ 8	Pass
6	2437	-9.299	≤ 8	Pass
9	2452	-13.482	≤ 8	Pass

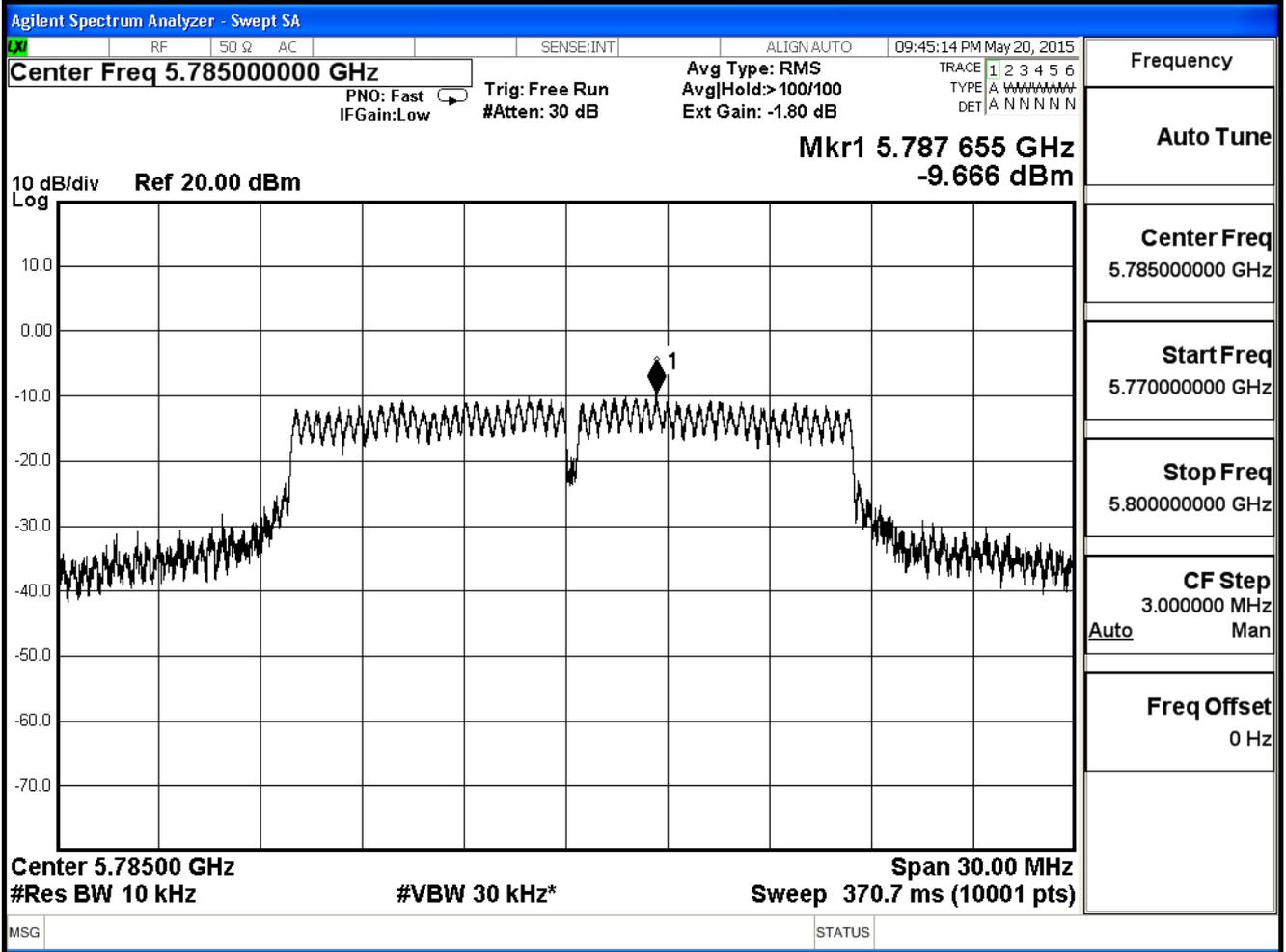
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-10.253	≤ 5.23	Pass
157	5785	-9.666	≤ 5.23	Pass
165	5825	-9.566	≤ 5.23	Pass

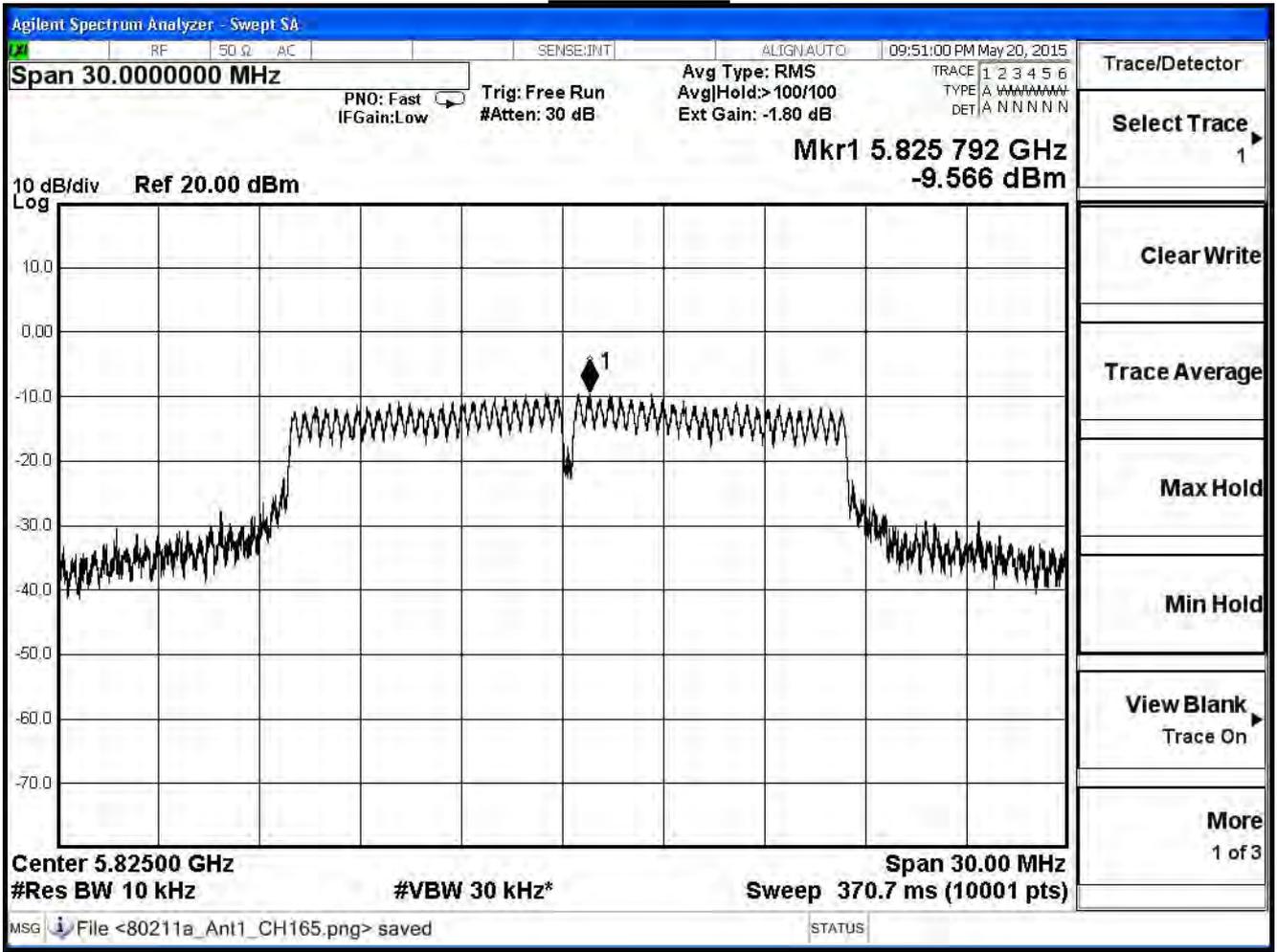
Channel 149



Channel 157



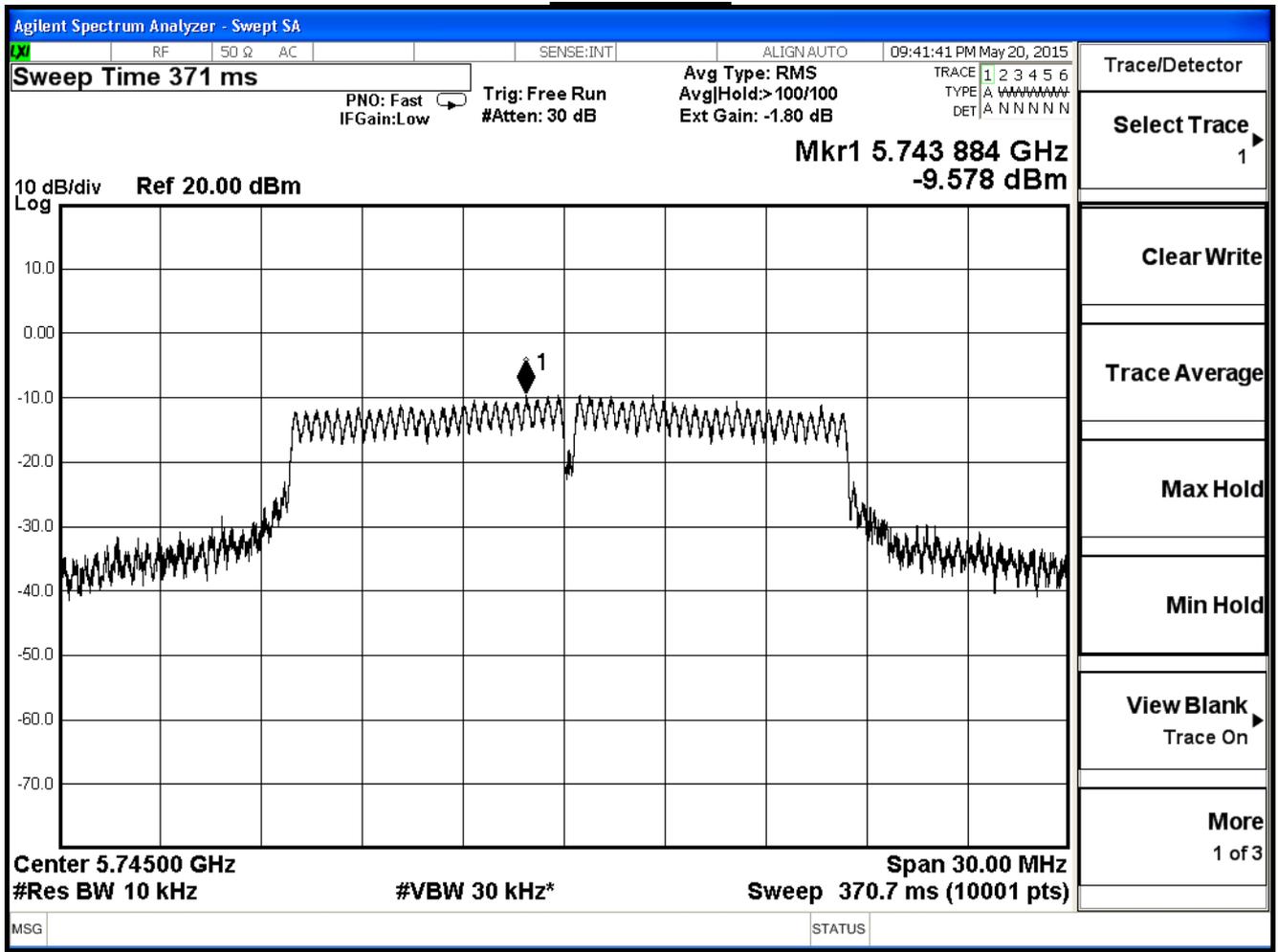
Channel 165



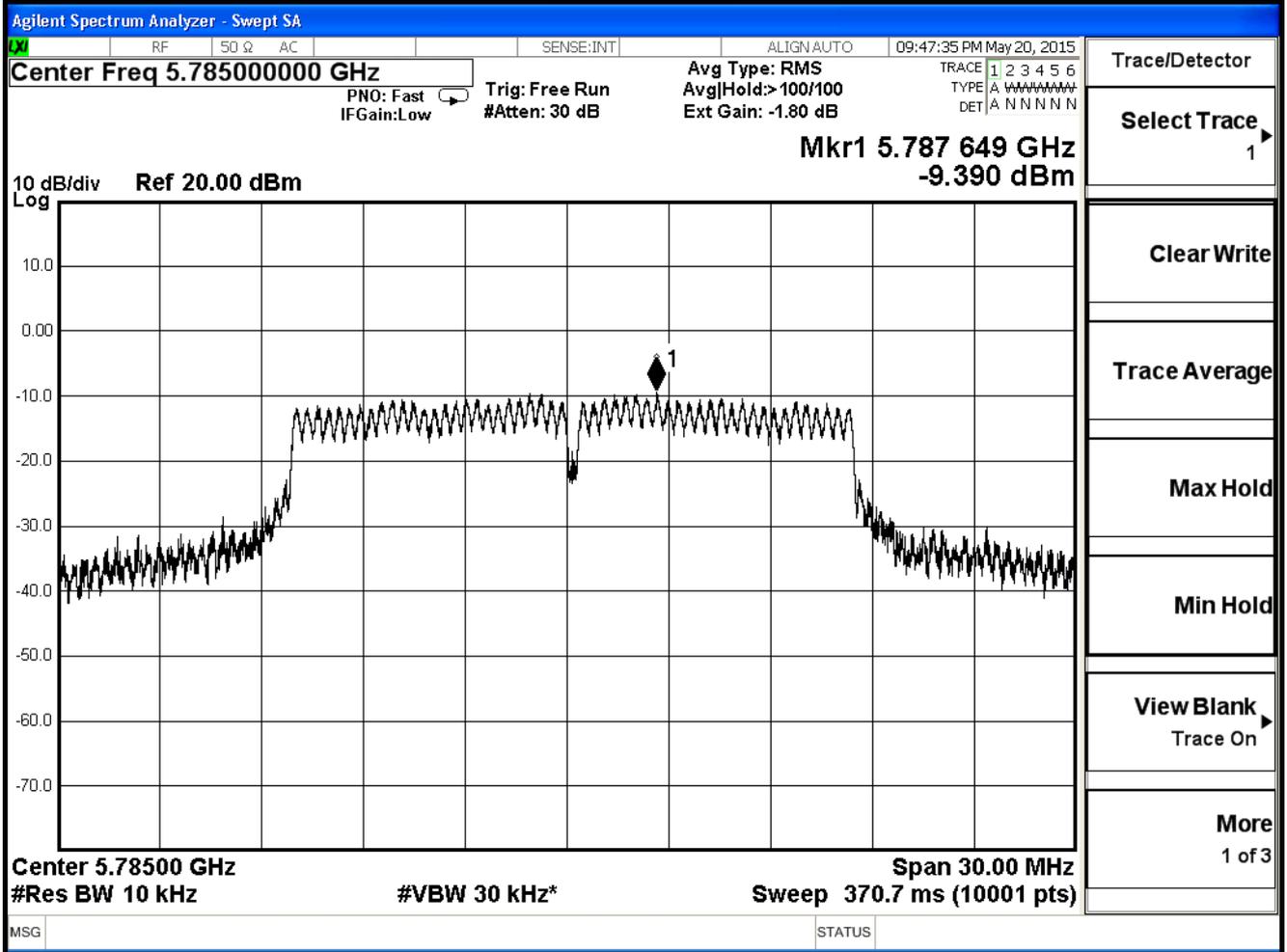
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE 802.11a (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-9.578	≤ 5.23	Pass
157	5785	-9.390	≤ 5.23	Pass
165	5825	-8.972	≤ 5.23	Pass

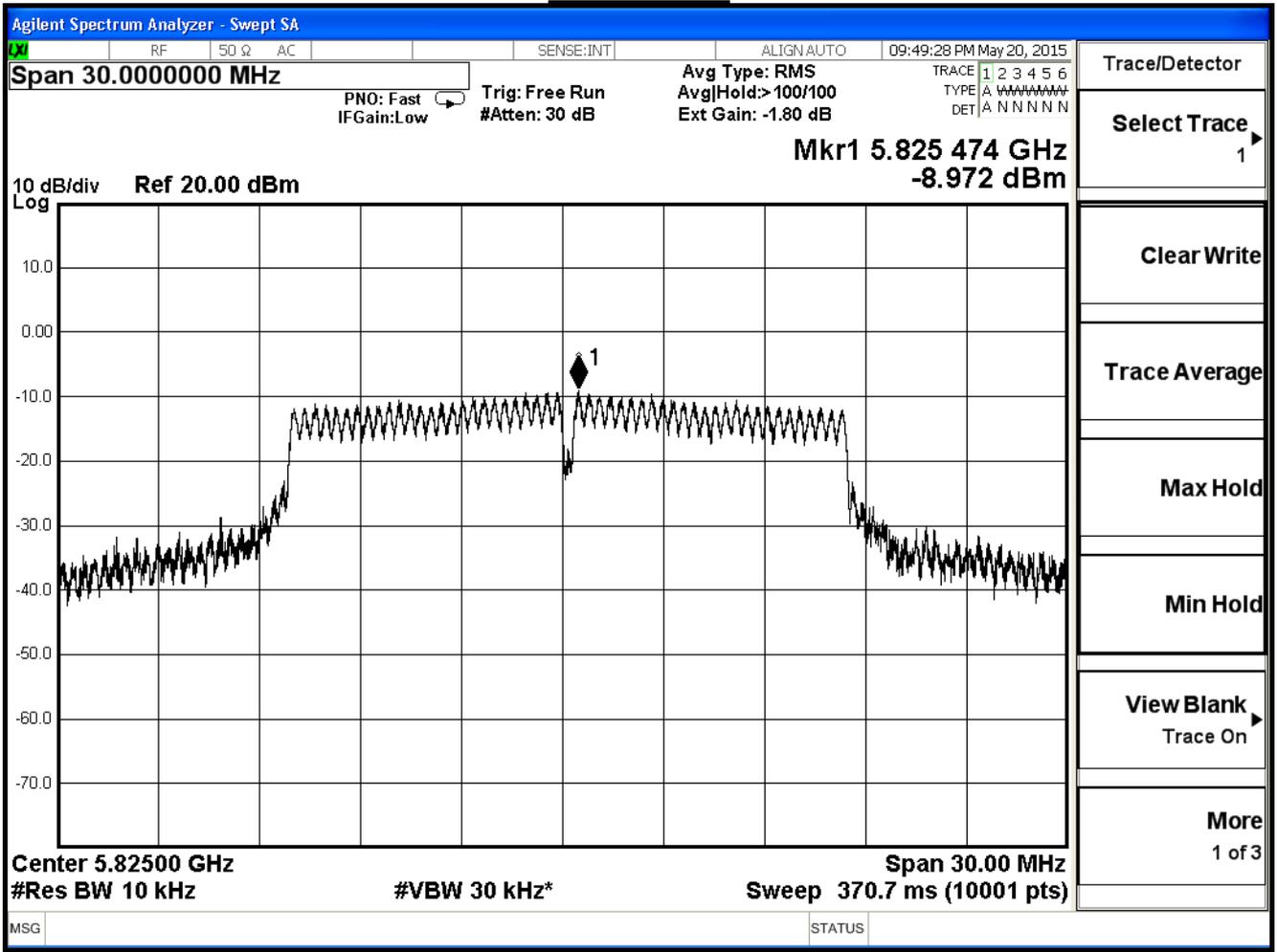
Channel 149



Channel 157



Channel 165



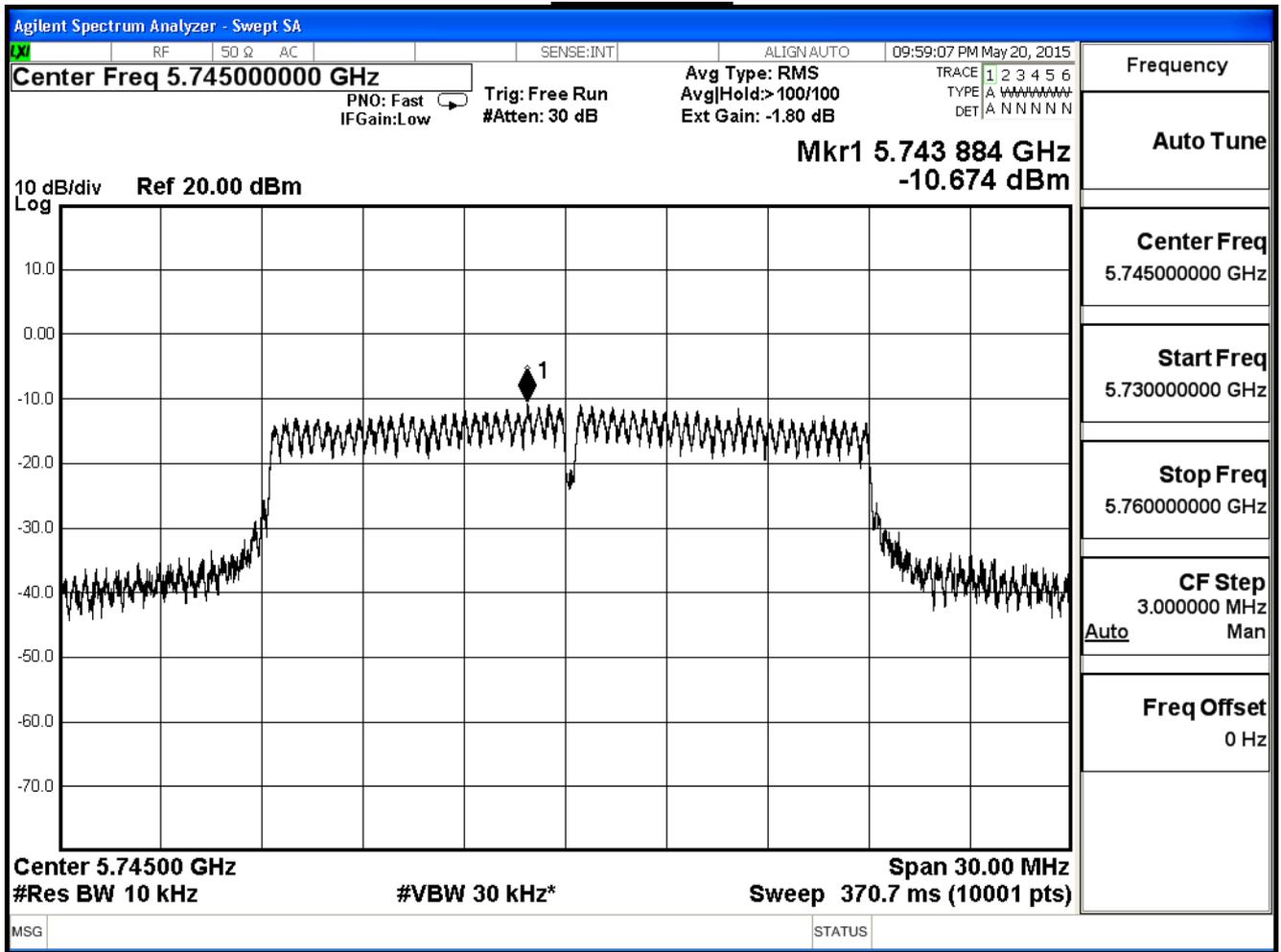
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE 802.11a (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-6.89	≤ 5.23	Pass
157	5785	-6.52	≤ 5.23	Pass
165	5825	-6.25	≤ 5.23	Pass

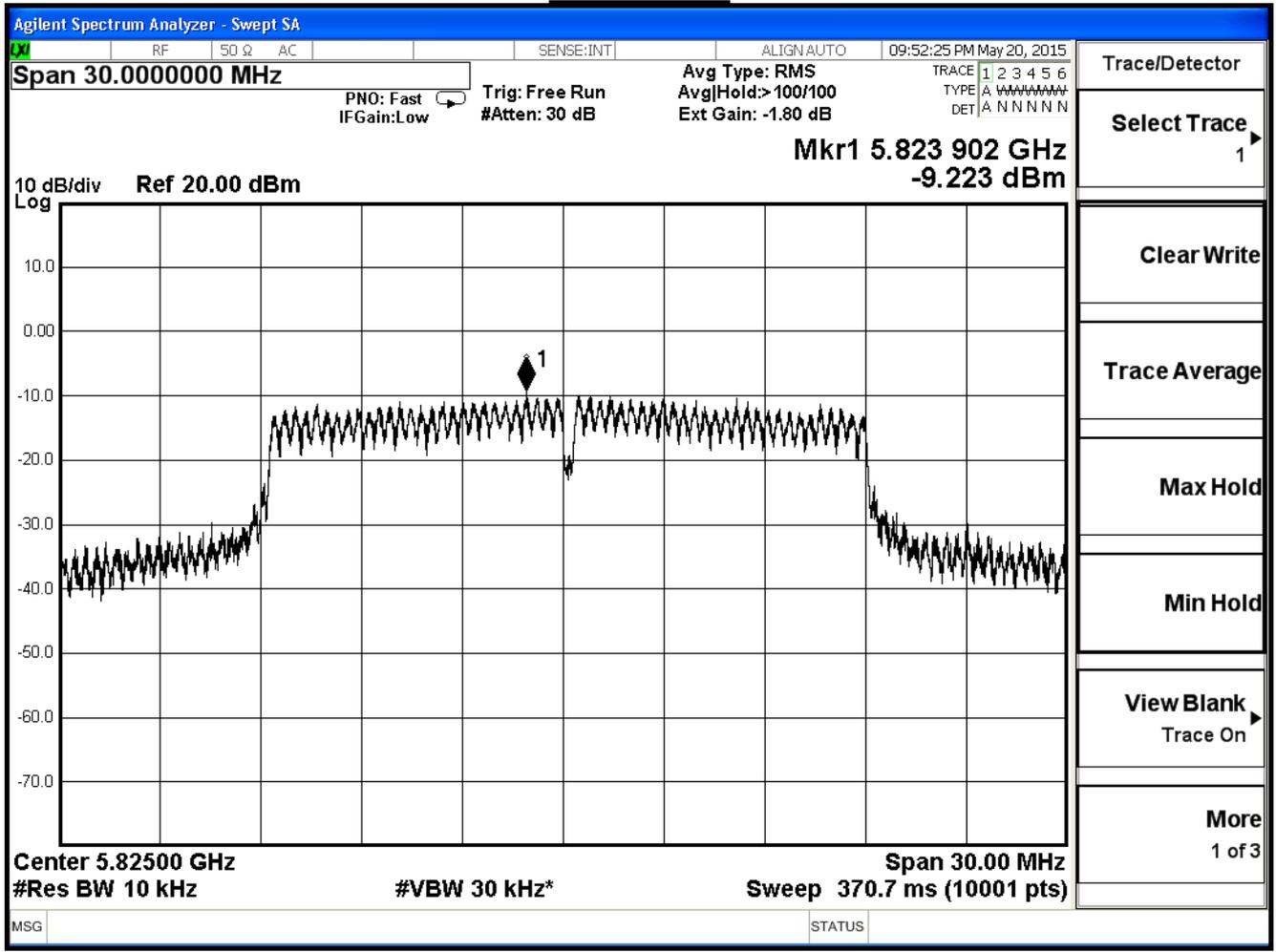
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE802.11n_20MHz_(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-10.67	≤ 5.23	Pass
157	5785	-9.76	≤ 5.23	Pass
165	5825	-9.22	≤ 5.23	Pass

Channel 149



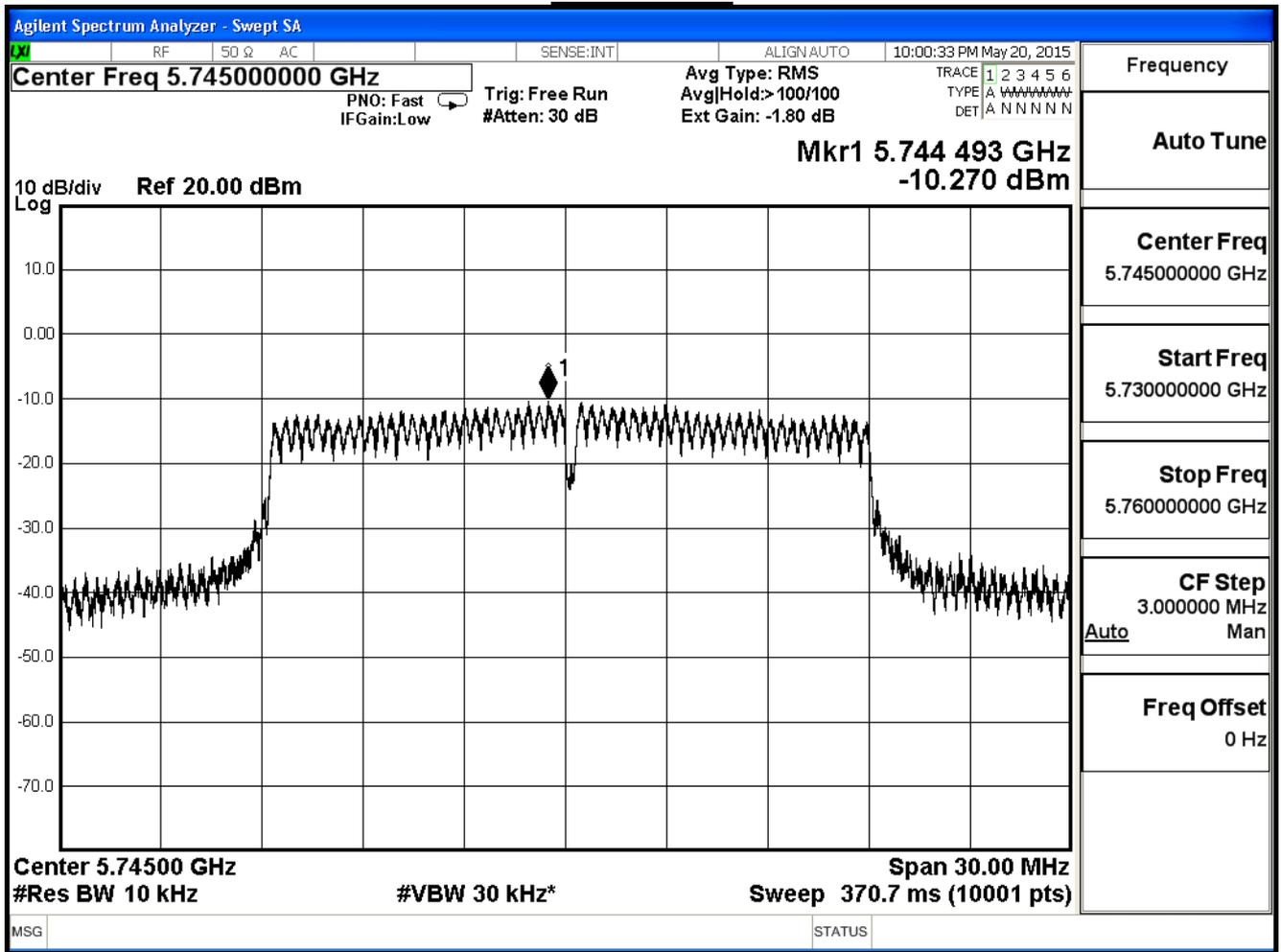
Channel 165



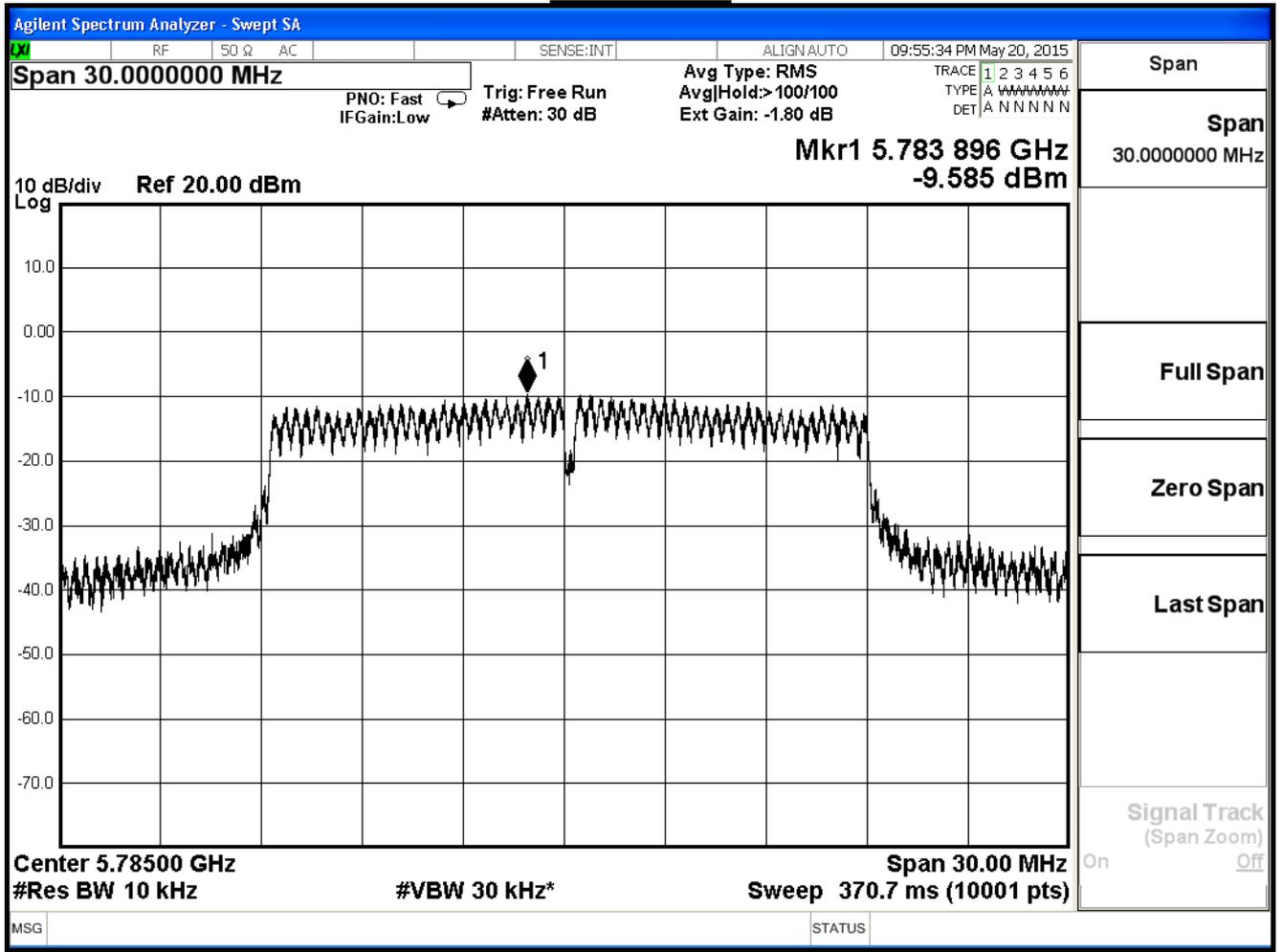
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE802.11n_20MHz_(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-10.27	≤ 5.23	Pass
157	5785	-9.59	≤ 5.23	Pass
165	5825	-8.39	≤ 5.23	Pass

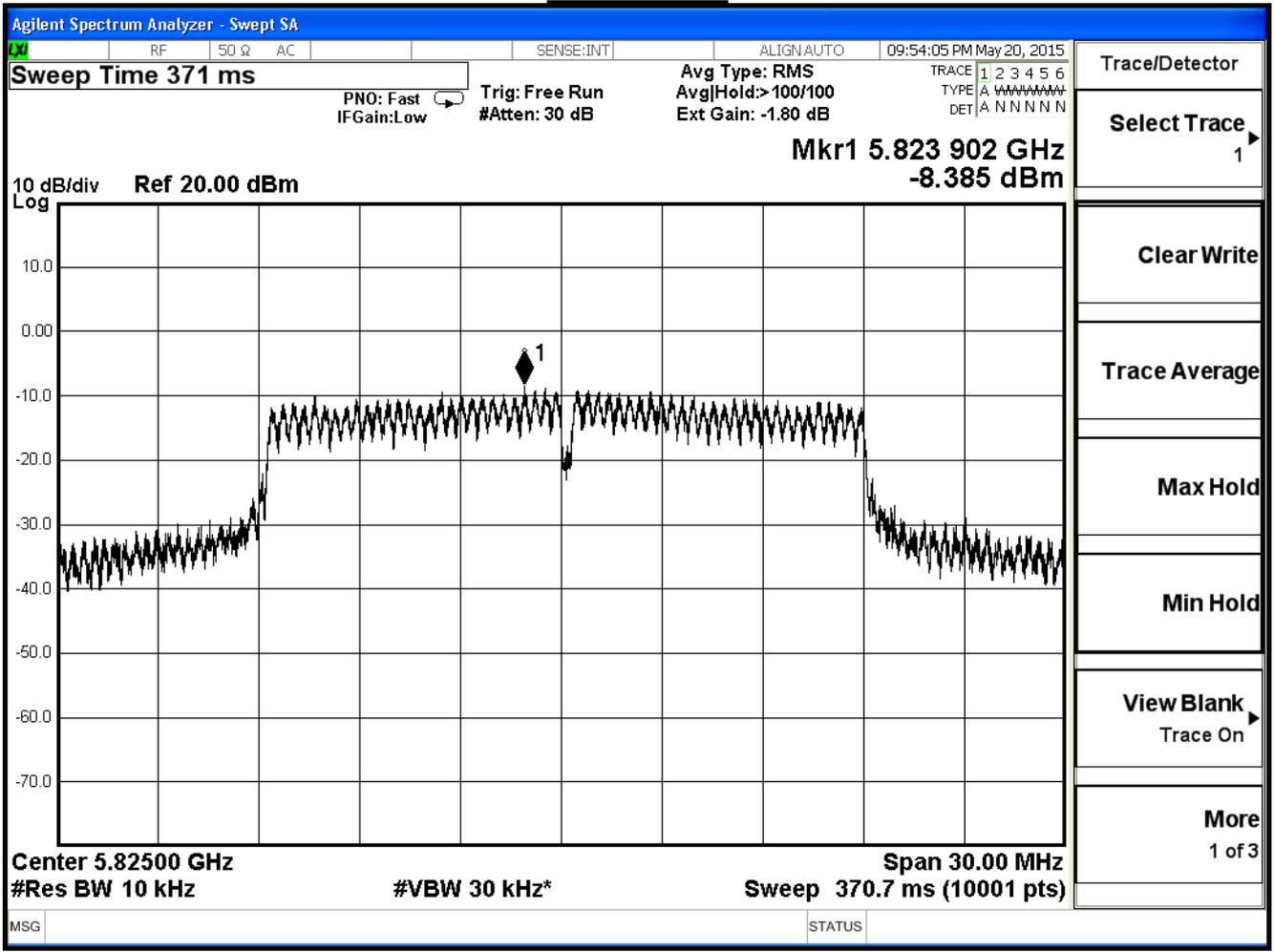
Channel 149



Channel 157



Channel 165



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

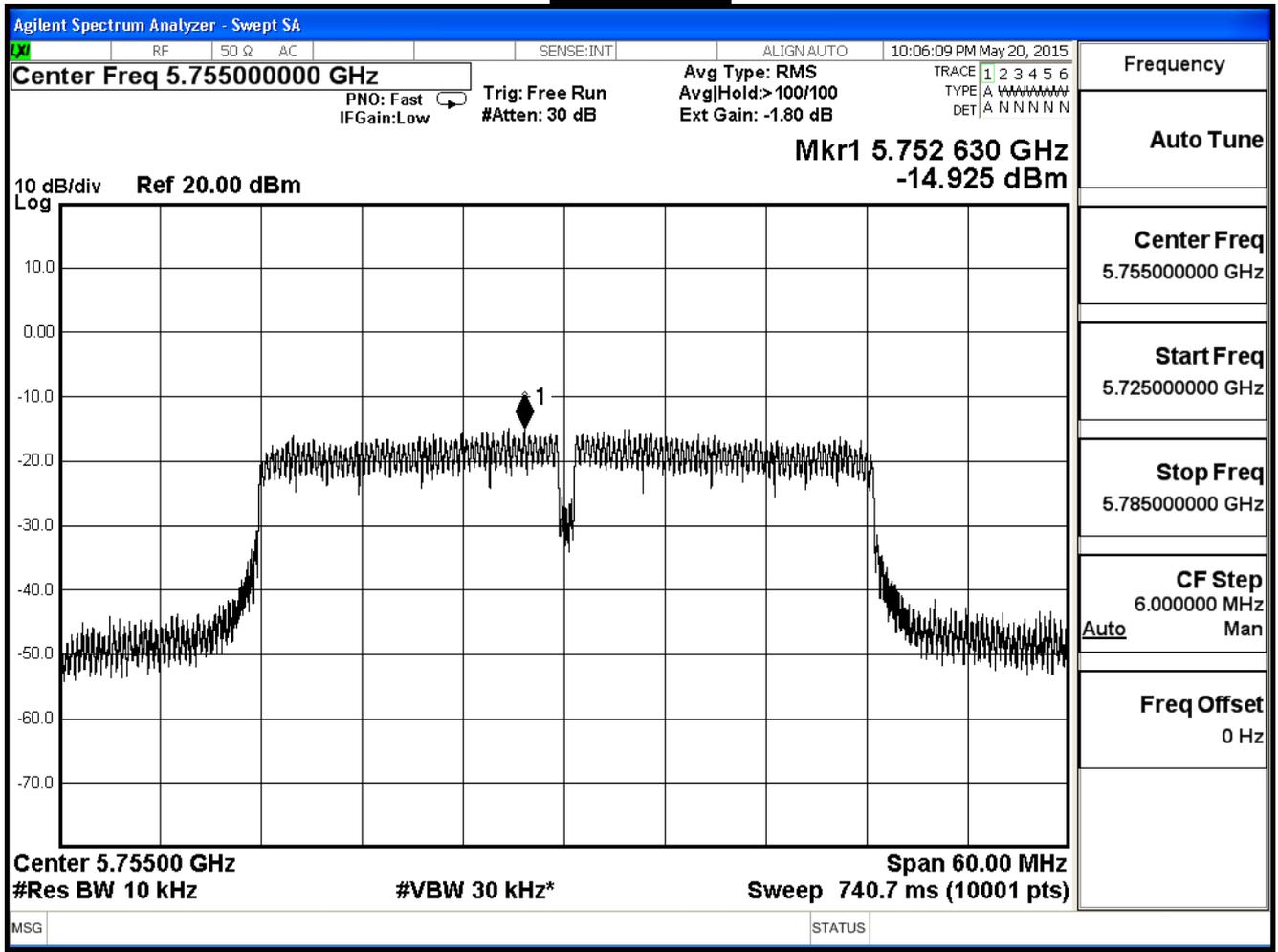
IEEE802.11n 20MHz(ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-7.46	≤ 5.23	Pass
157	5785	-6.66	≤ 5.23	Pass
165	5825	-5.77	≤ 5.23	Pass

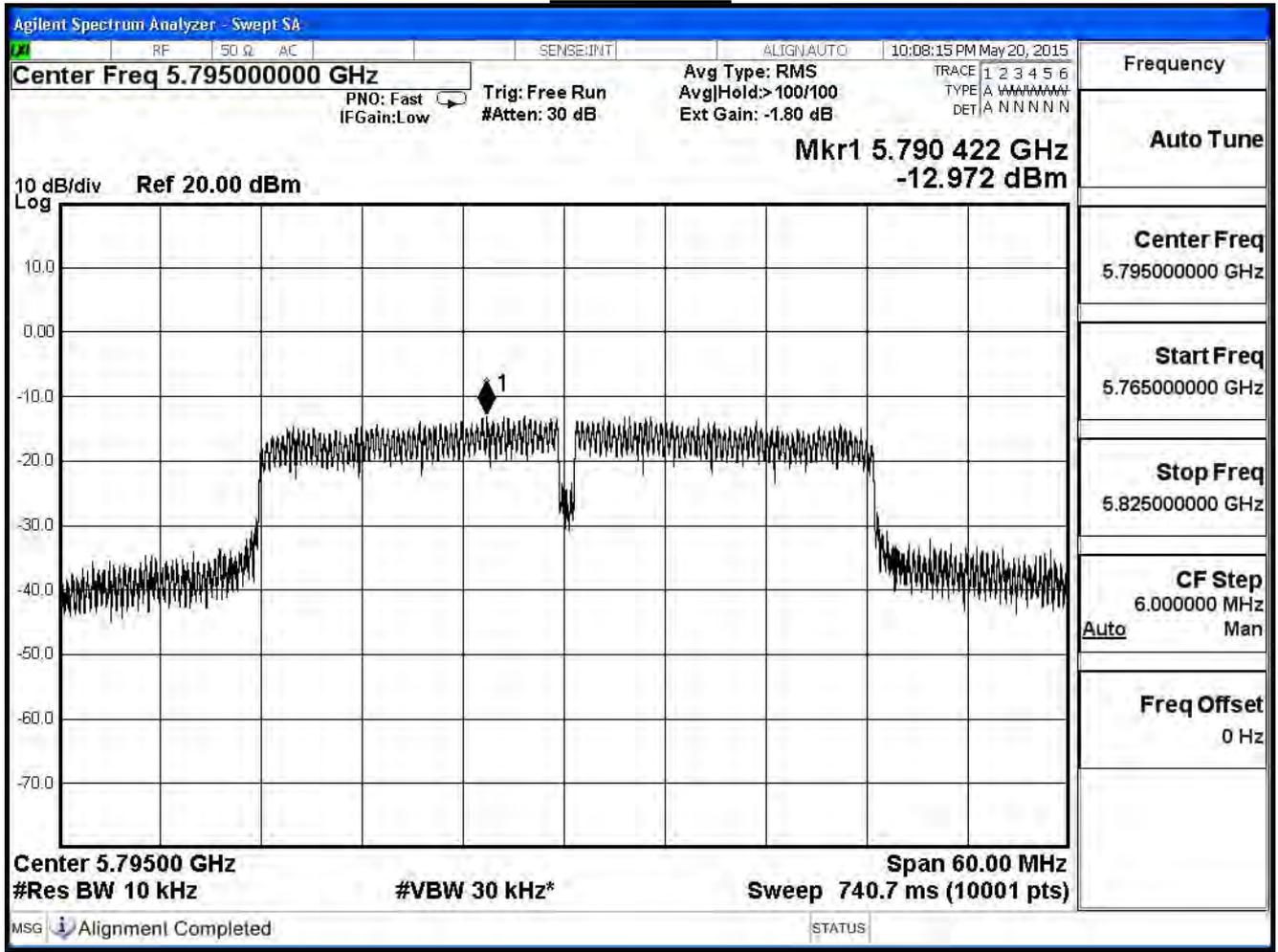
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE 802.11n_40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-14.93	≤ 5.23	Pass
159	5795	-12.97	≤ 5.23	Pass

Channel 151



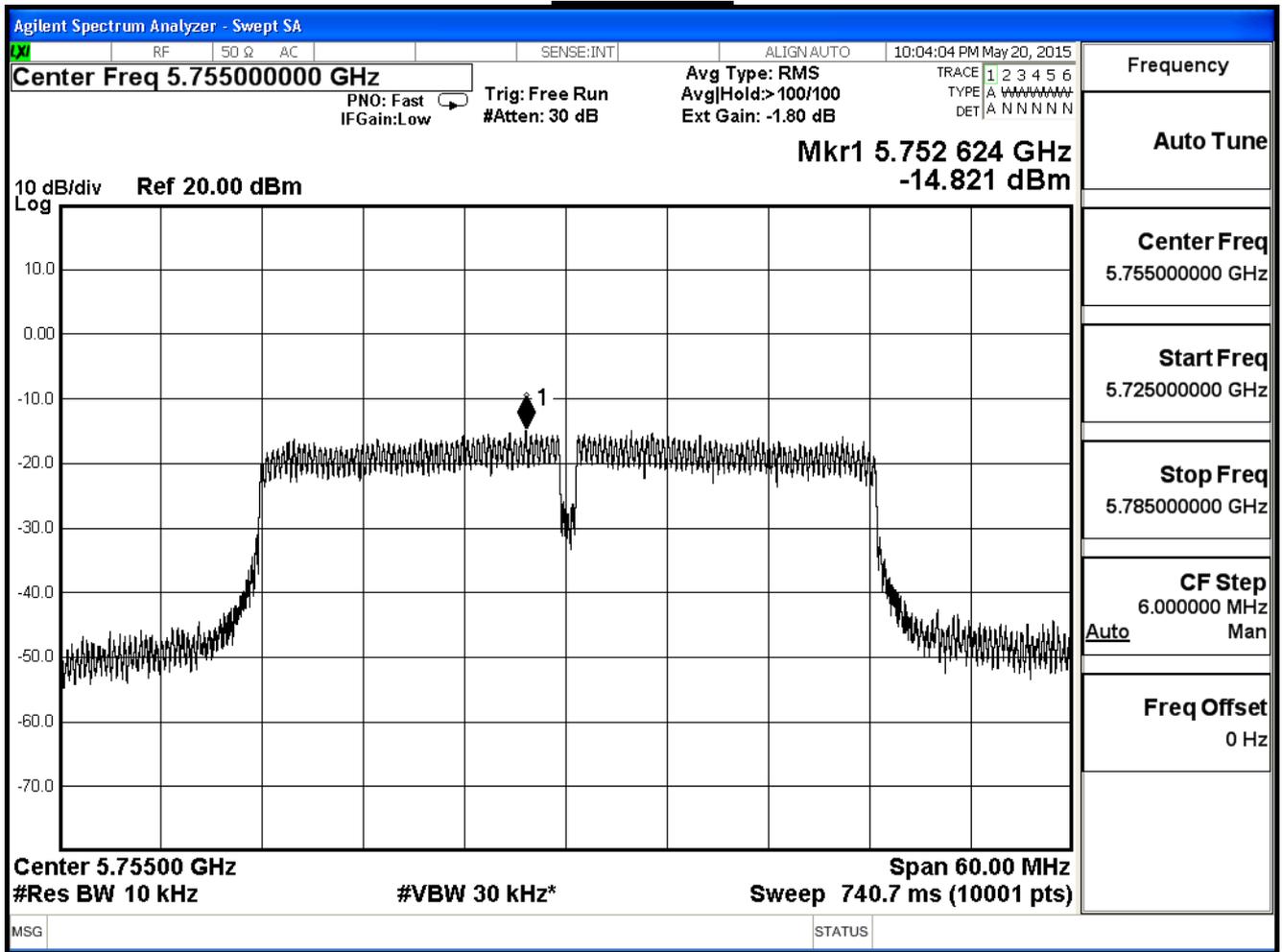
Channel 159



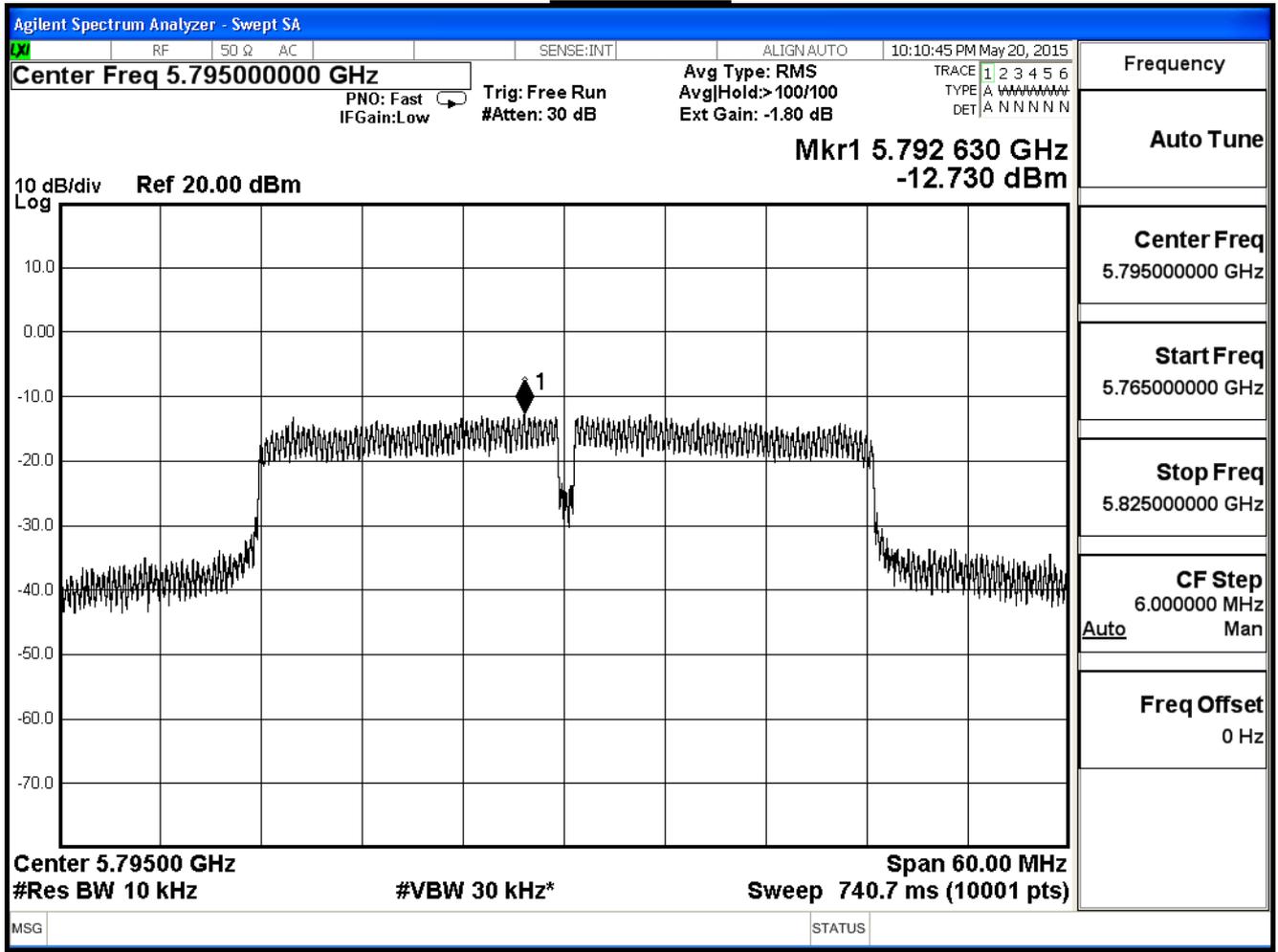
Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-14.82	≤ 5.23	Pass
159	5795	-12.73	≤ 5.23	Pass

Channel 151



Channel 159



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

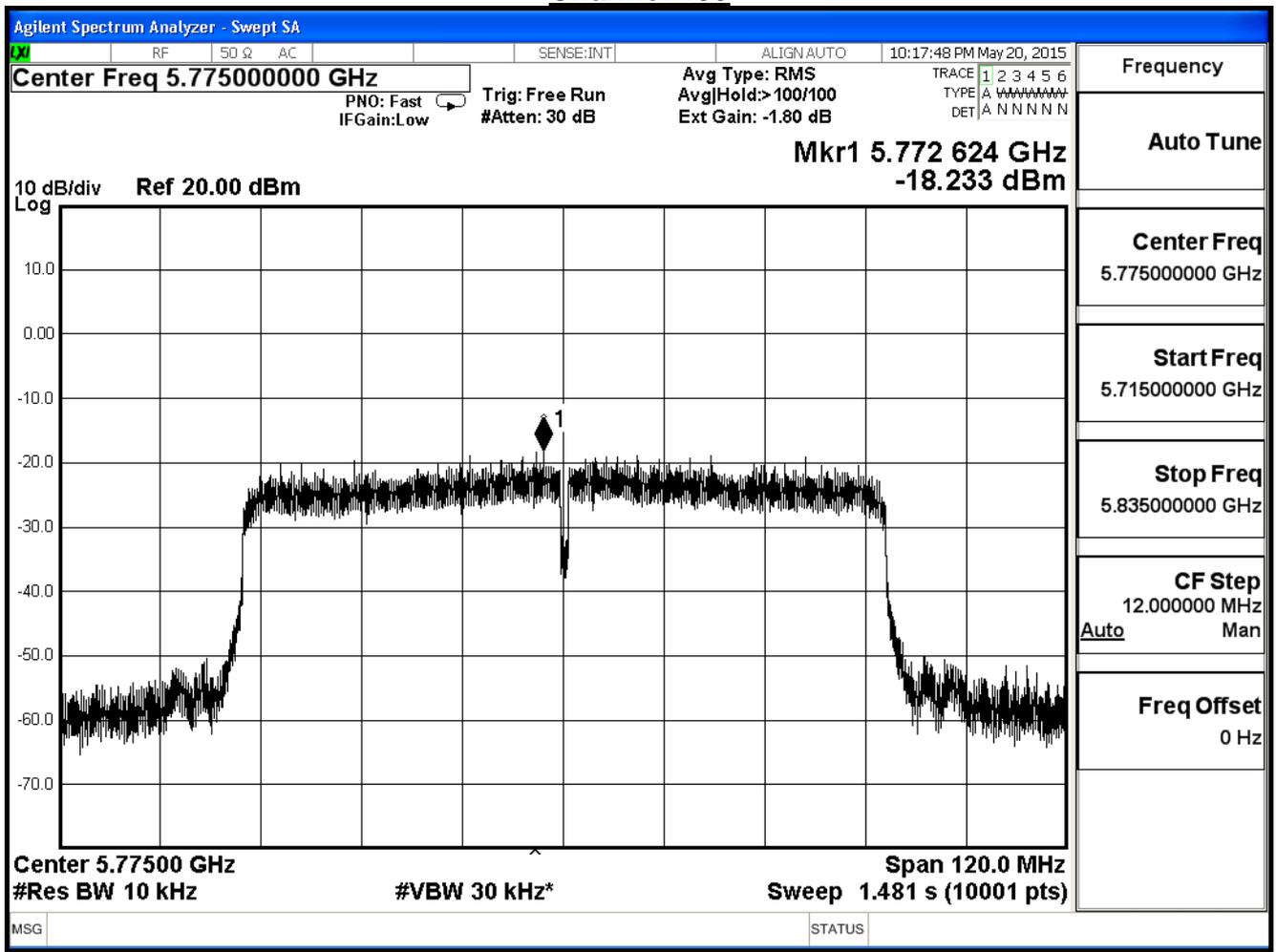
IEEE802.11n 40MHz(ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-11.86	≤ 5.23	Pass
159	5795	-9.84	≤ 5.23	Pass

Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-18.23	≤ 8	Pass

Channel 155



Product	Dual-band Wireless-AC1200 Range Extender		
Test Item	Power Density		
Test Mode	Mode 1: Transmit		
Date of Test	2015/05/20	Test Site	SR7

IEEE 802.11ac_80MHz (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
155	5775	-15.40	≤ 8	Pass