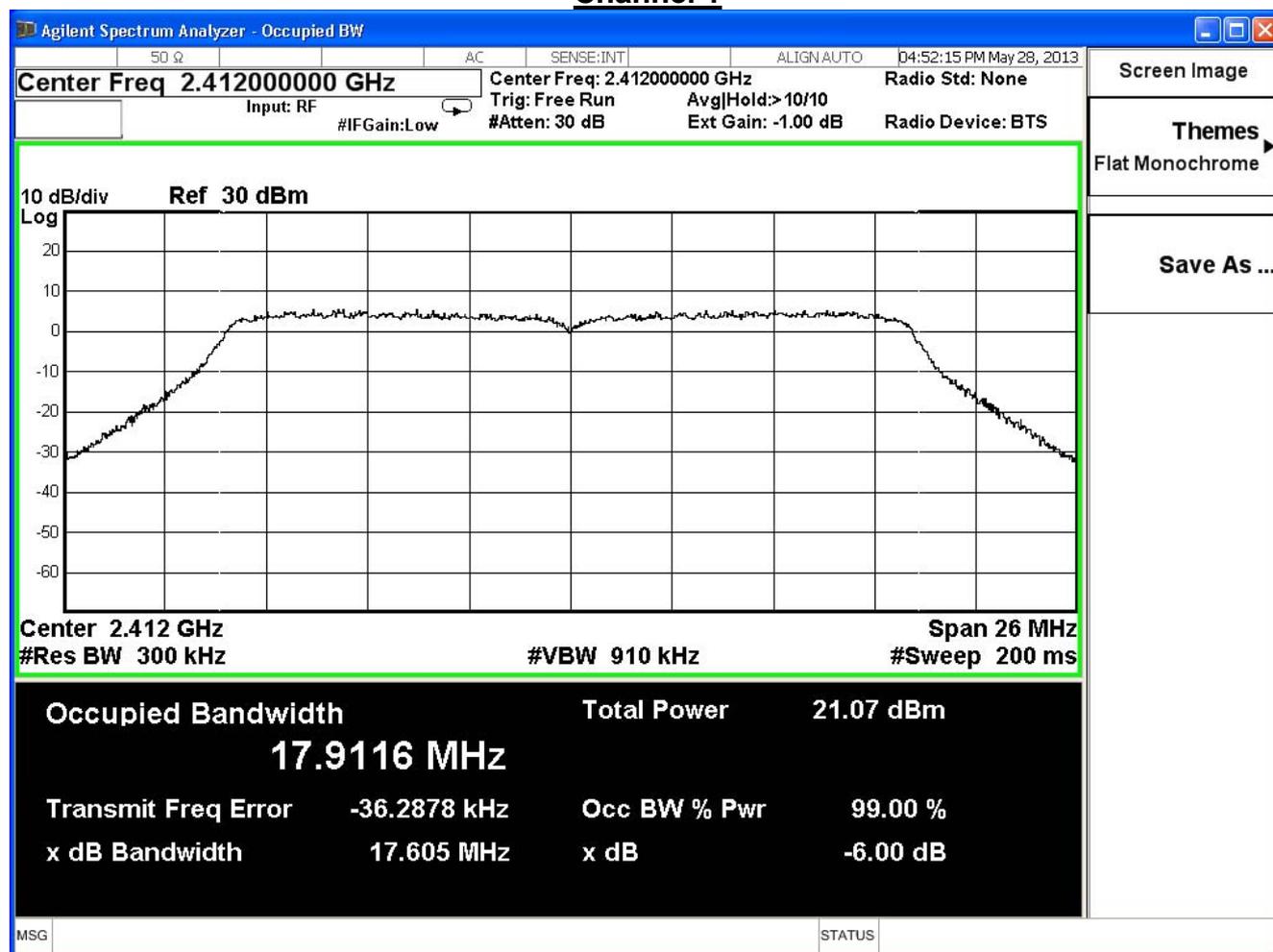


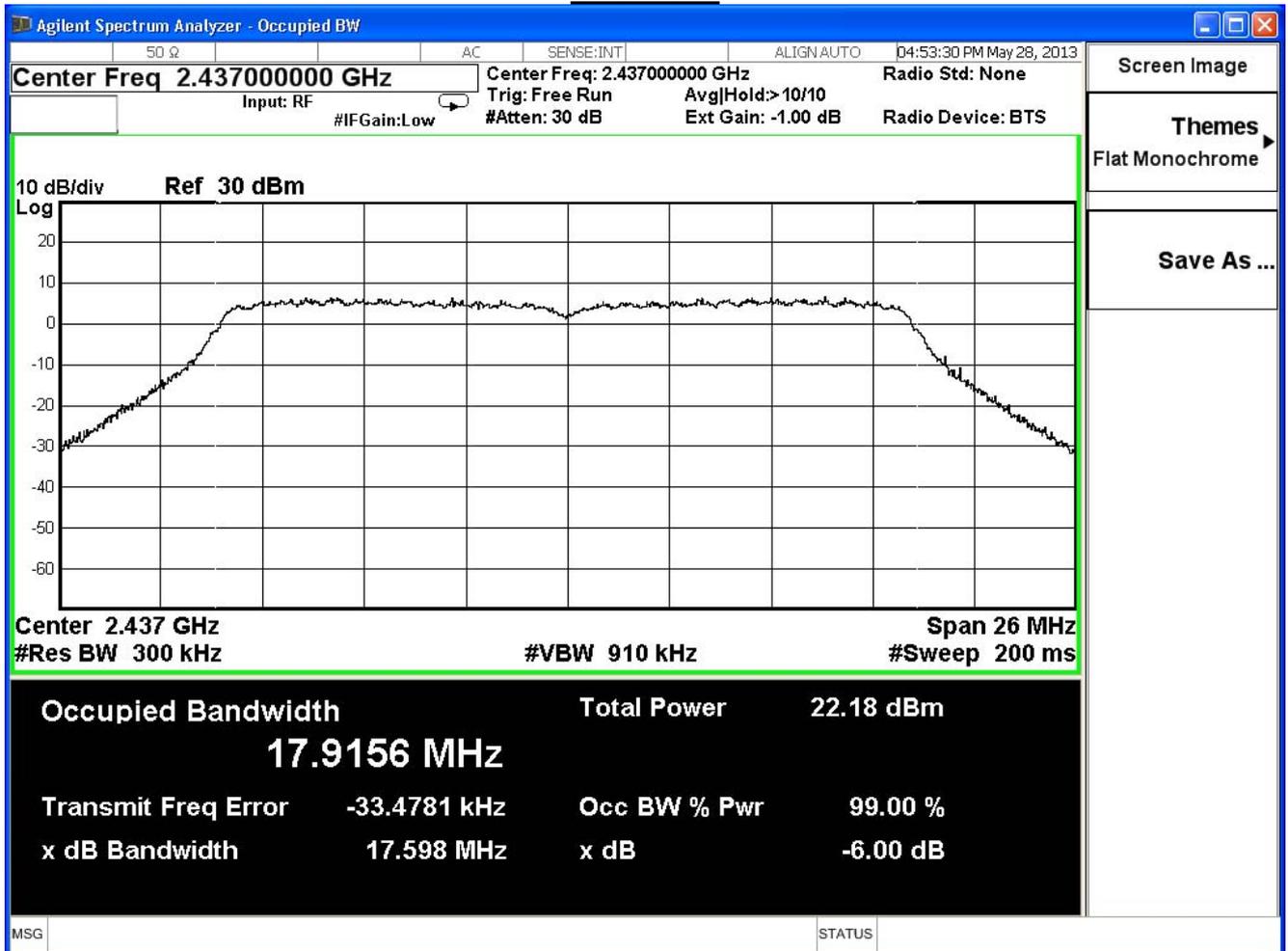
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/07	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.605	≥ 0.5	Pass
6	2437	17.598	≥ 0.5	Pass
11	2462	17.633	≥ 0.5	Pass

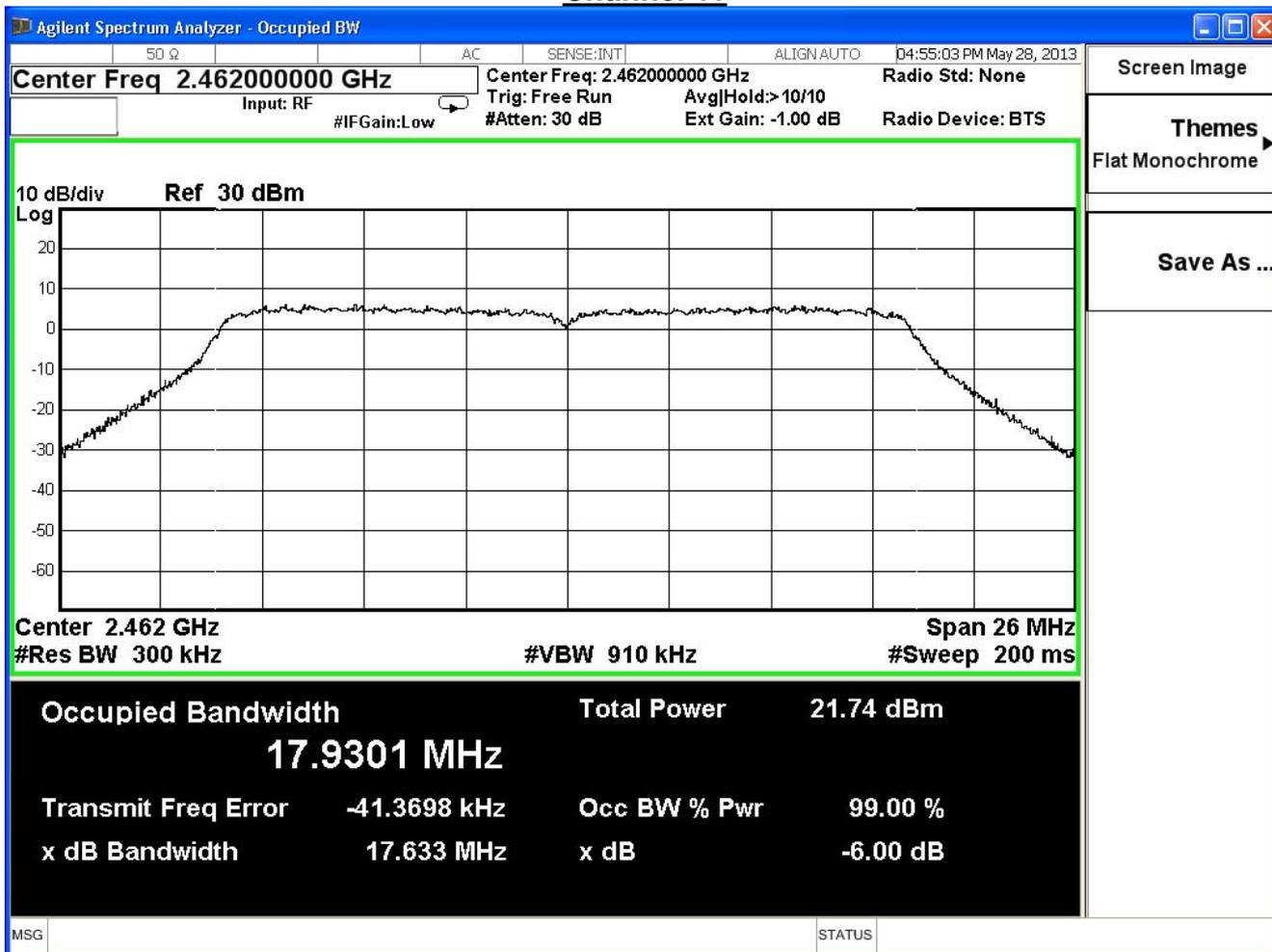
Channel 1



Channel 6



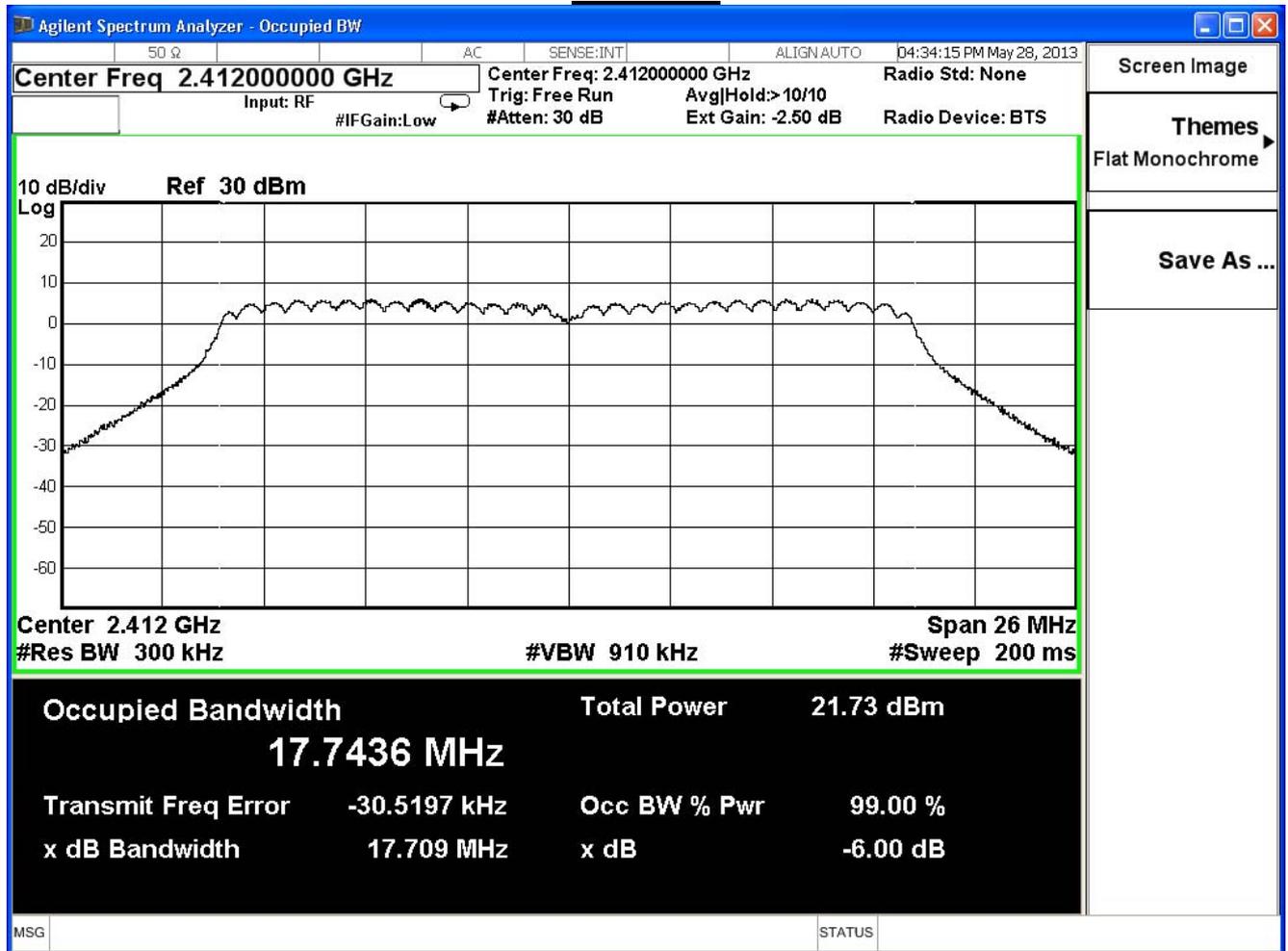
Channel 11



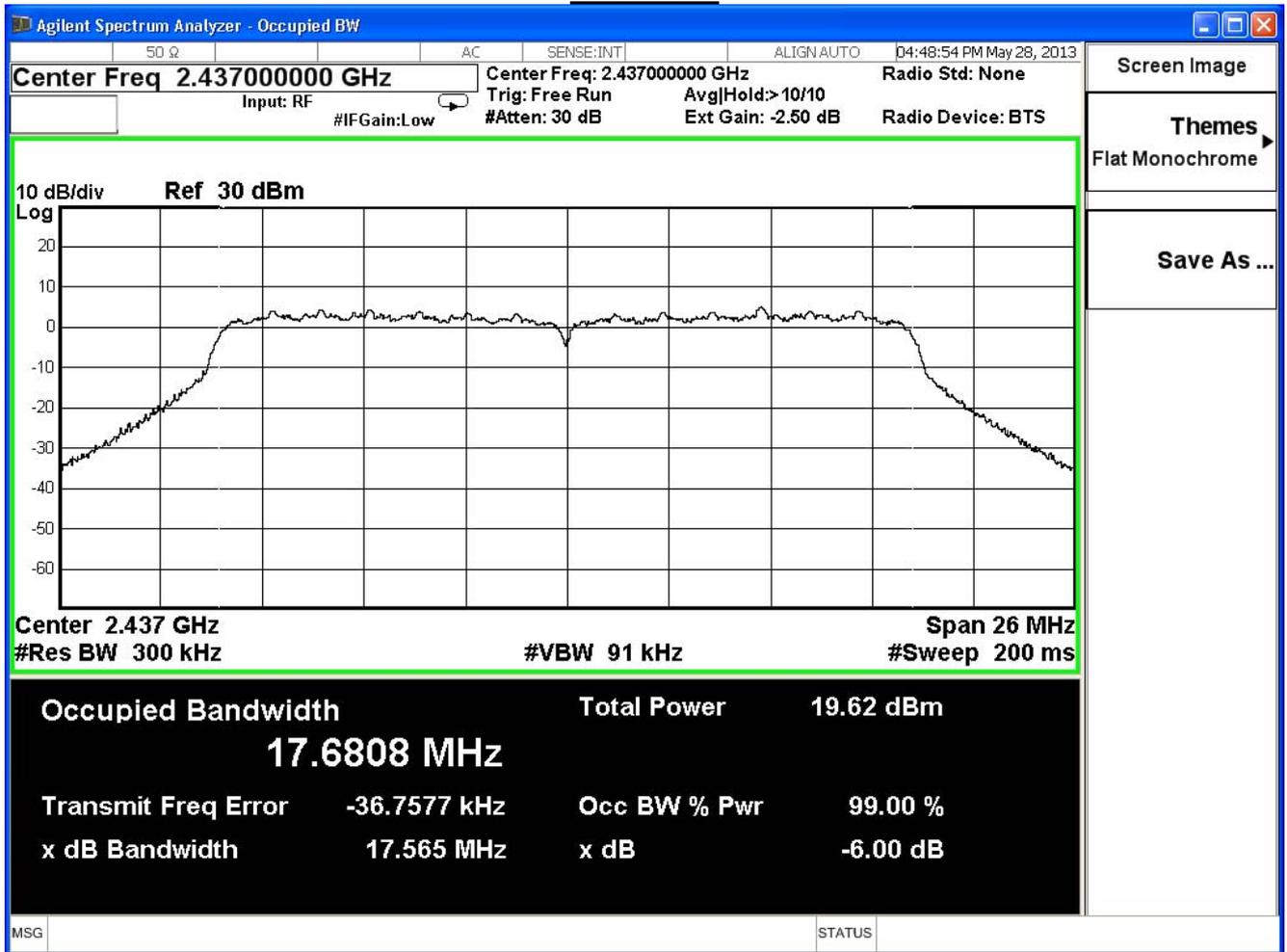
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/07	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.709	≥ 0.5	Pass
6	2437	17.565	≥ 0.5	Pass
11	2462	17.684	≥ 0.5	Pass

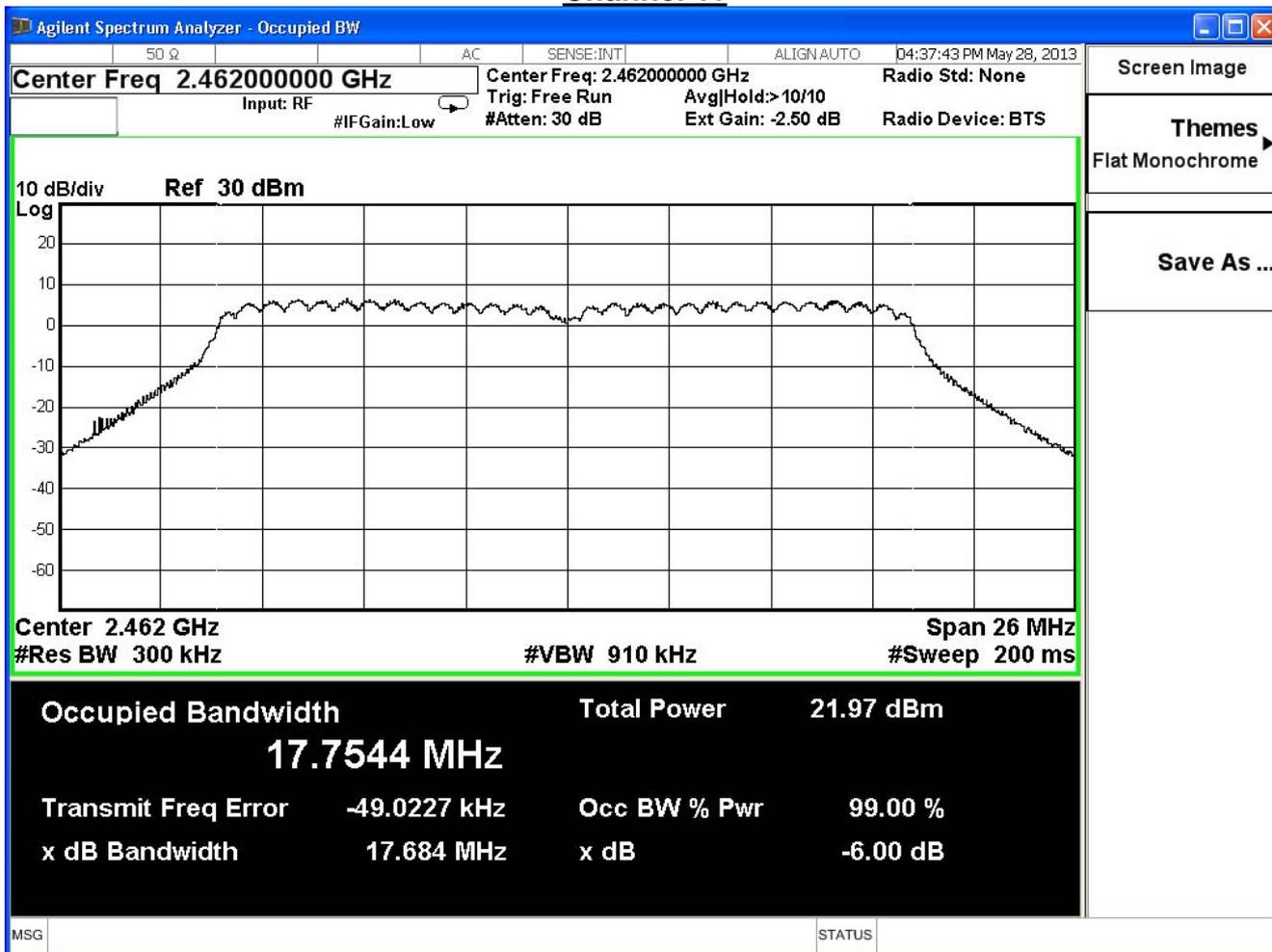
Channel 1



Channel 6



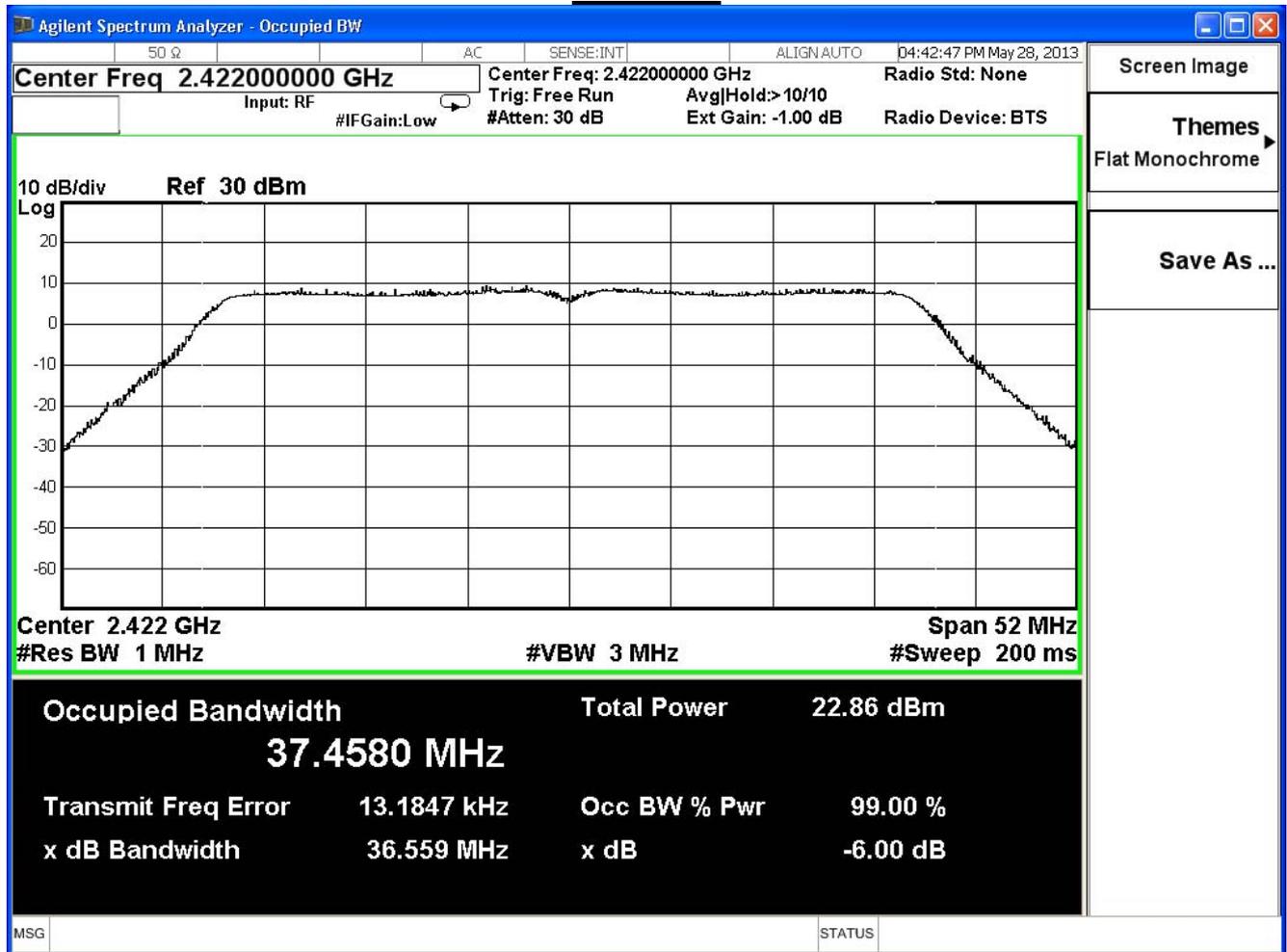
Channel 11



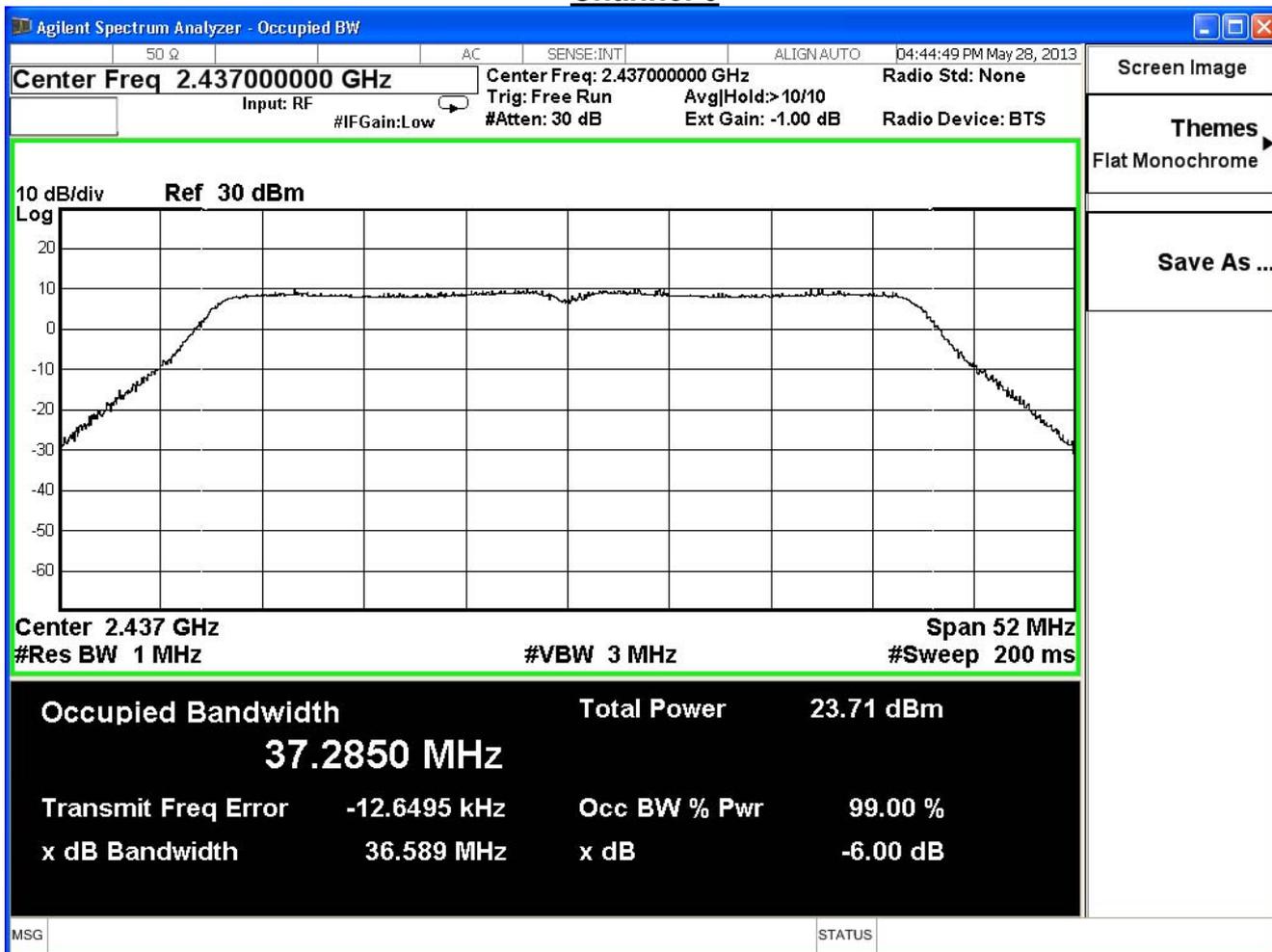
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/07	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.559	≥ 0.5	Pass
6	2437	36.589	≥ 0.5	Pass
9	2452	36.722	≥ 0.5	Pass

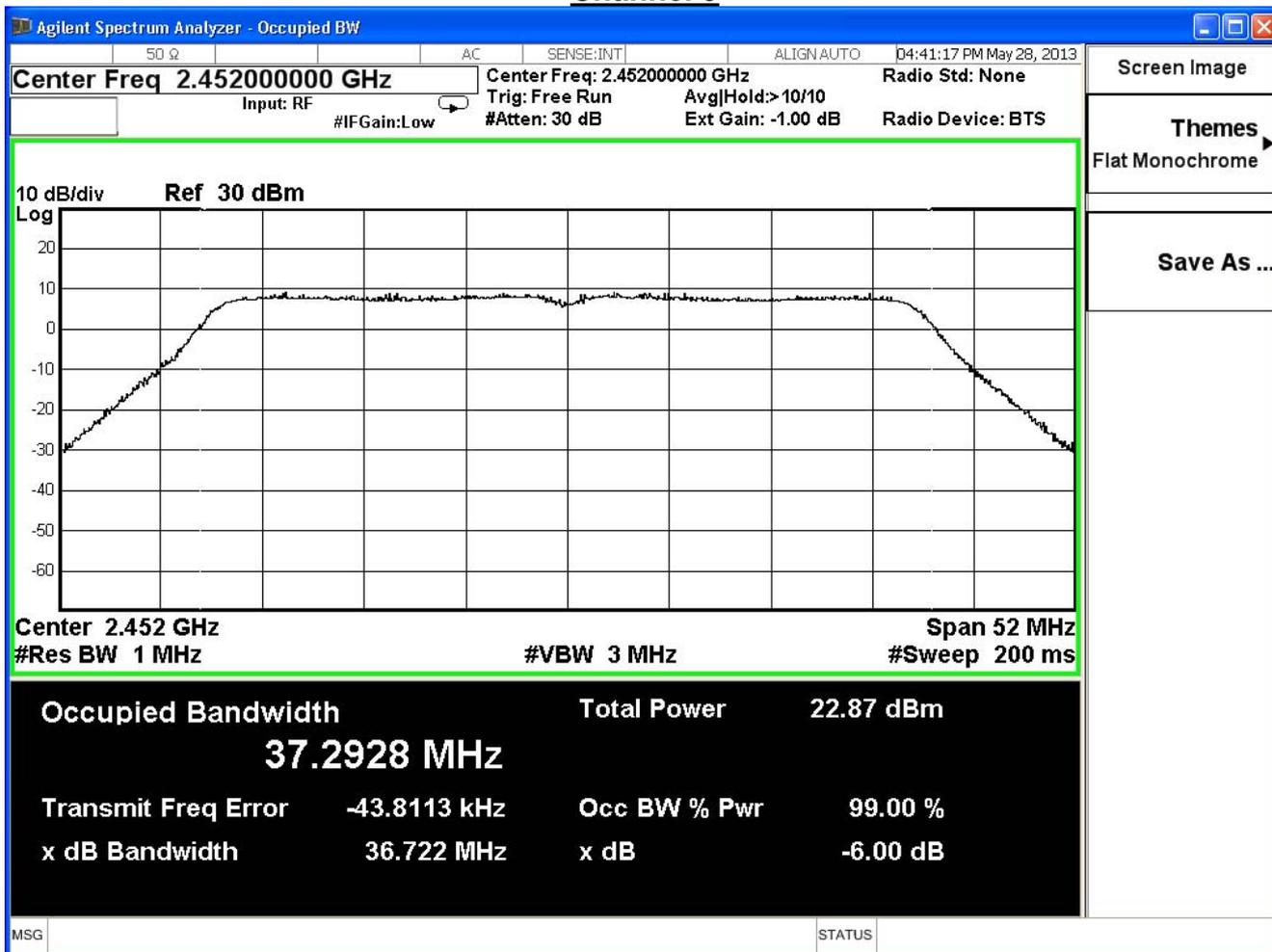
Channel 3



Channel 6



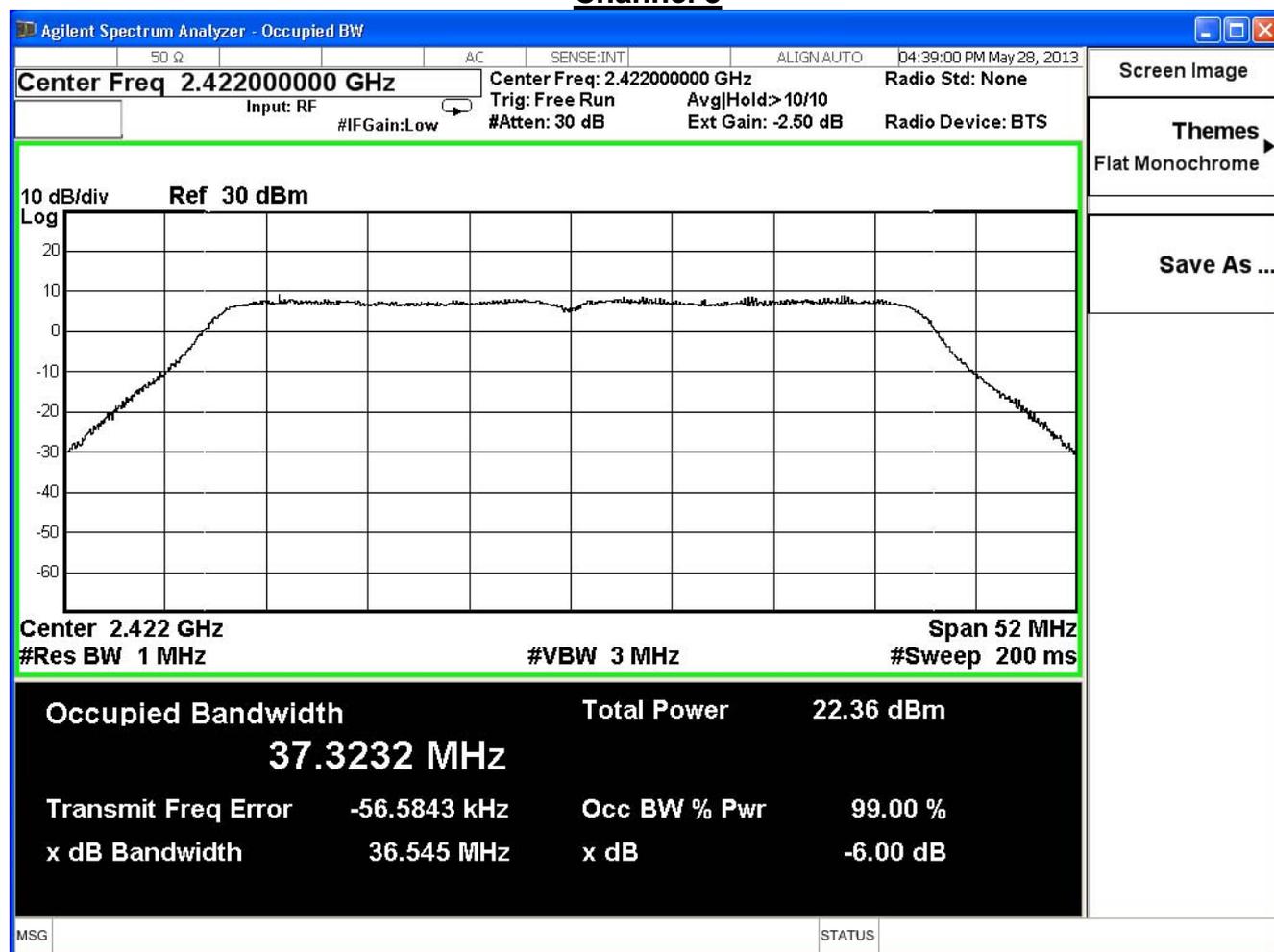
Channel 9



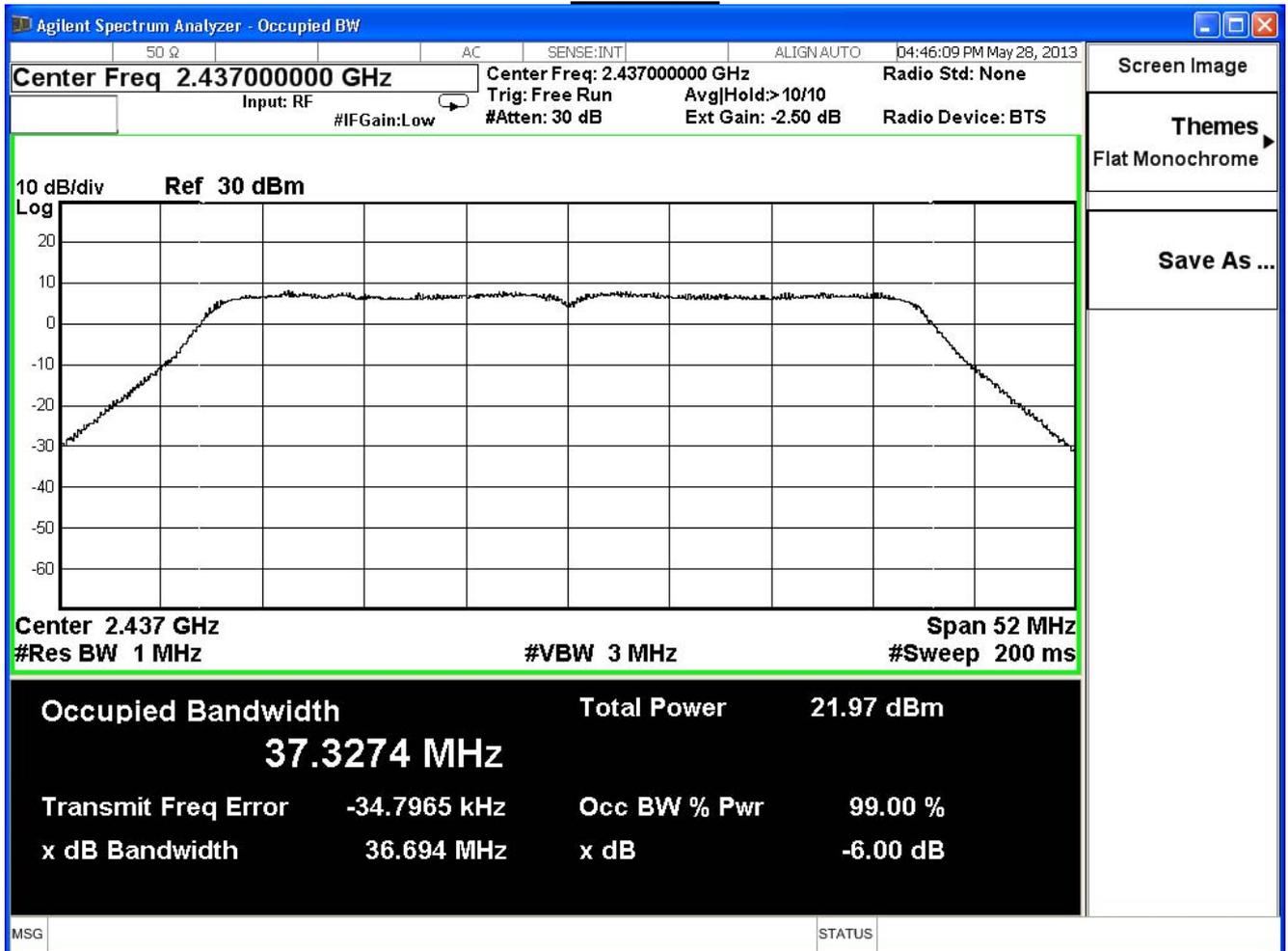
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/07	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.545	≥ 0.5	Pass
6	2437	36.694	≥ 0.5	Pass
9	2452	36.802	≥ 0.5	Pass

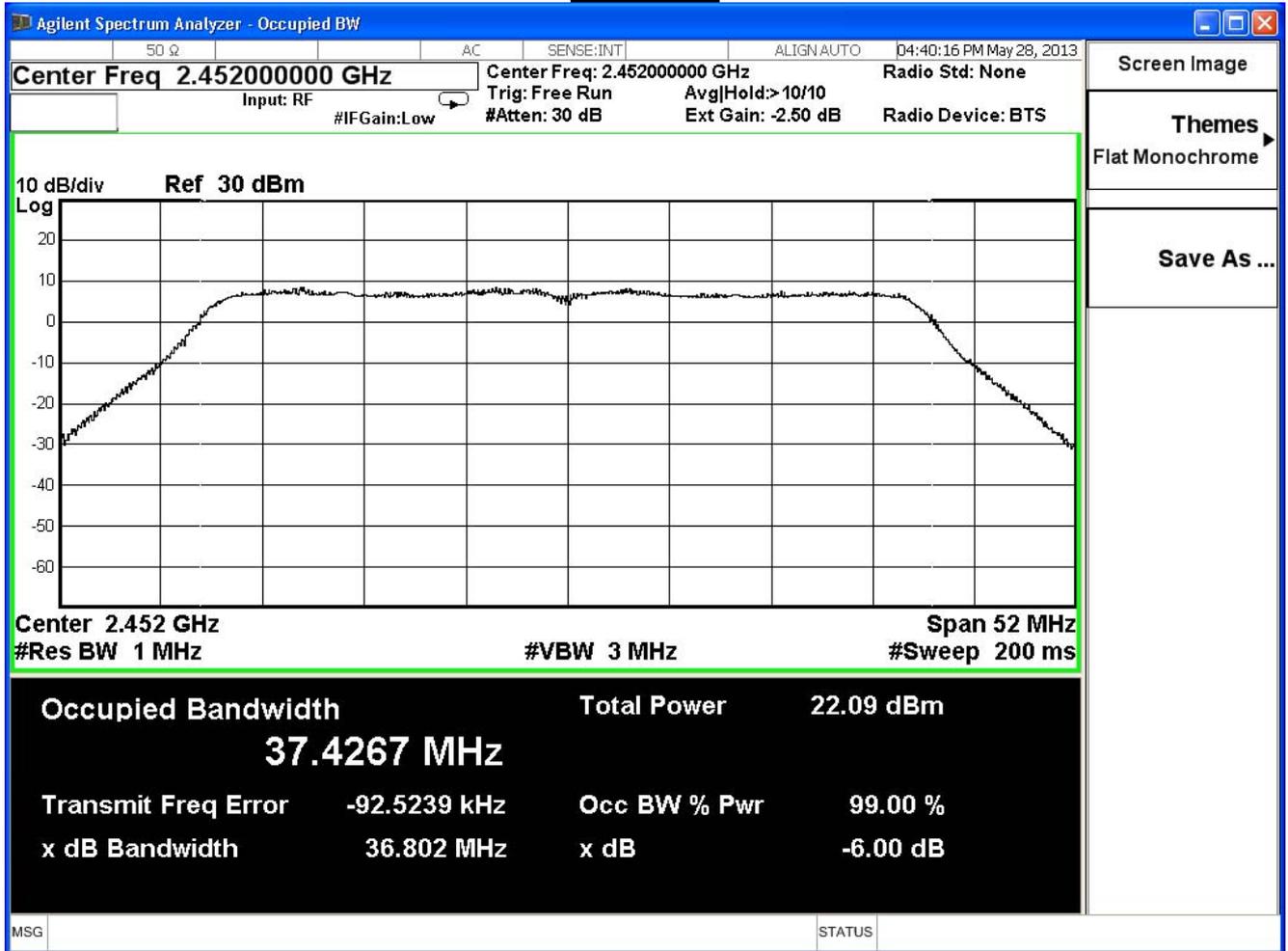
Channel 3



Channel 6



Channel 9

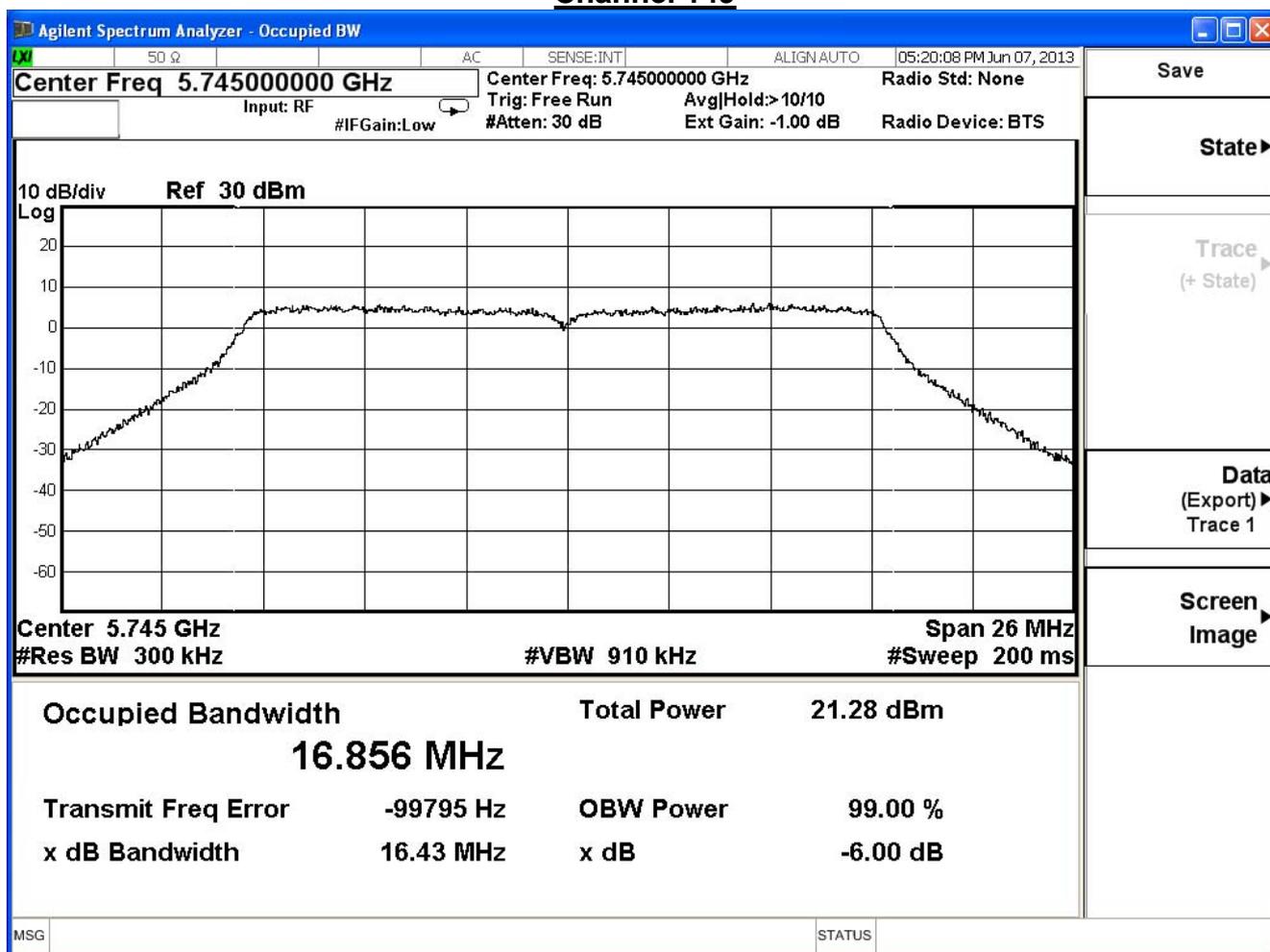


Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/10	Test Site	SR7

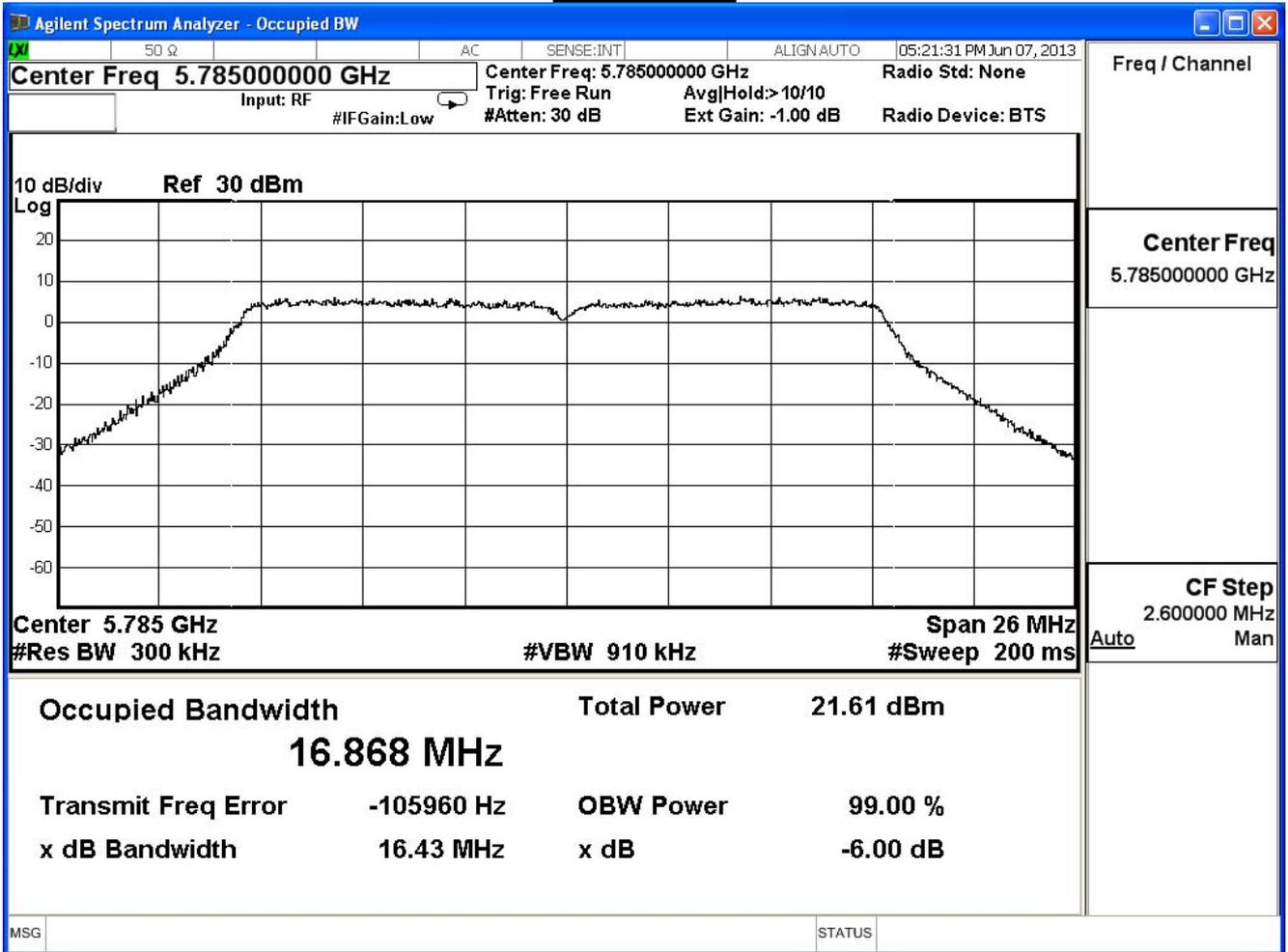
802.11 a

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
149	5745	16.43	≥ 0.5	Pass
157	5785	16.43	≥ 0.5	Pass
165	5825	16.42	≥ 0.5	Pass

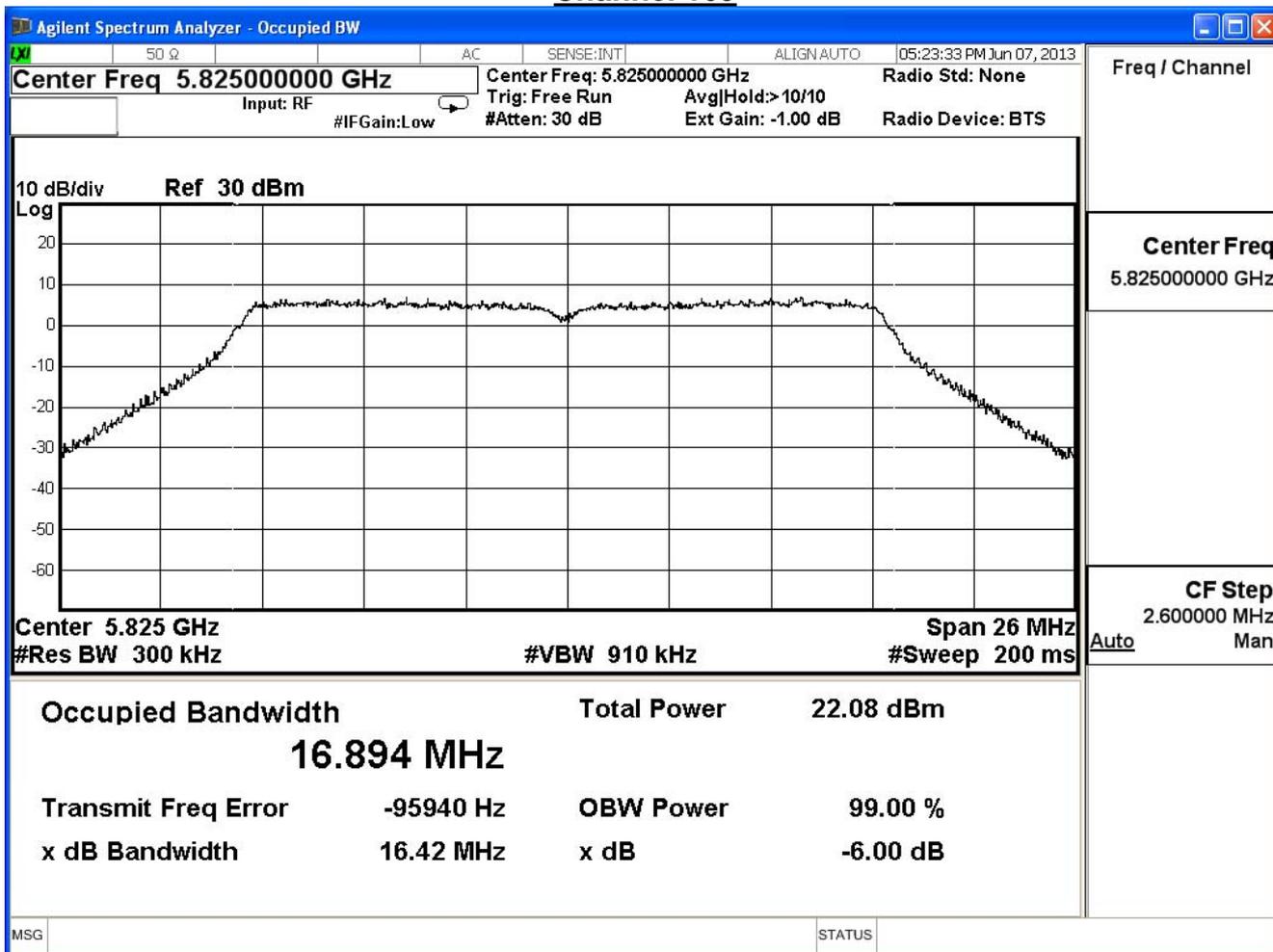
Channel 149



Channel 157



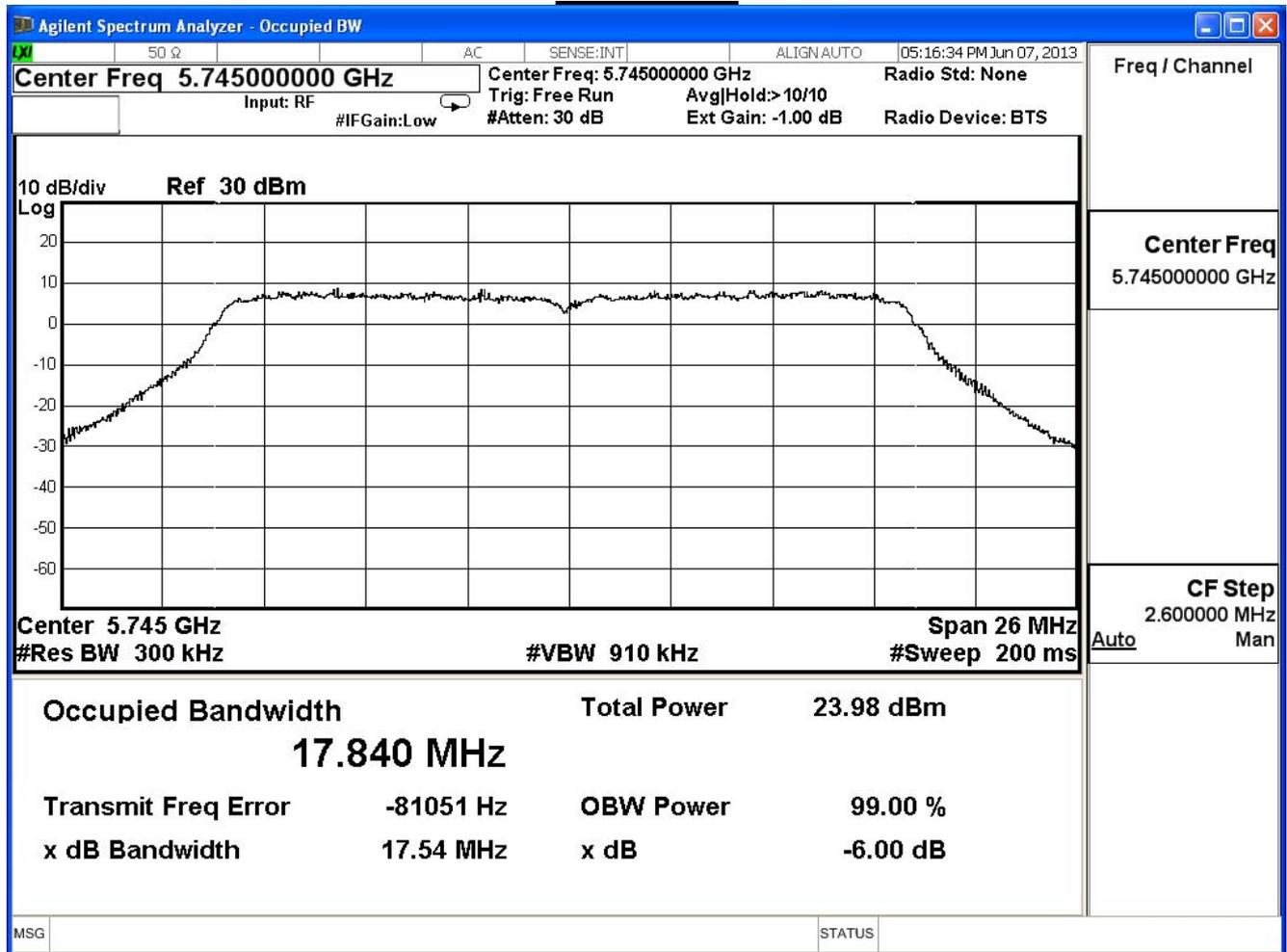
Channel 165



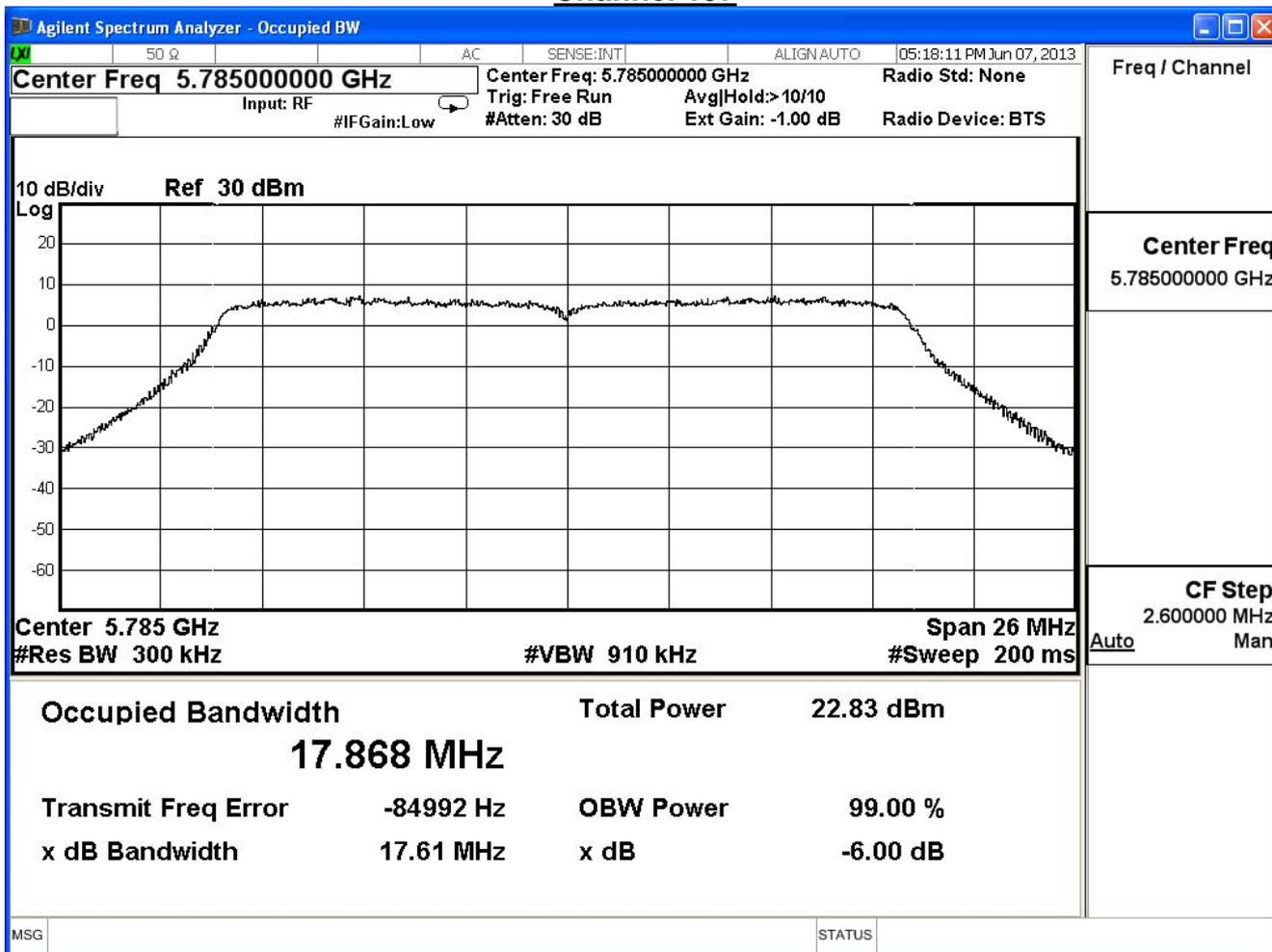
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/10	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
149	5745	17.54	≥ 0.5	Pass
157	5785	17.61	≥ 0.5	Pass
165	5825	17.58	≥ 0.5	Pass

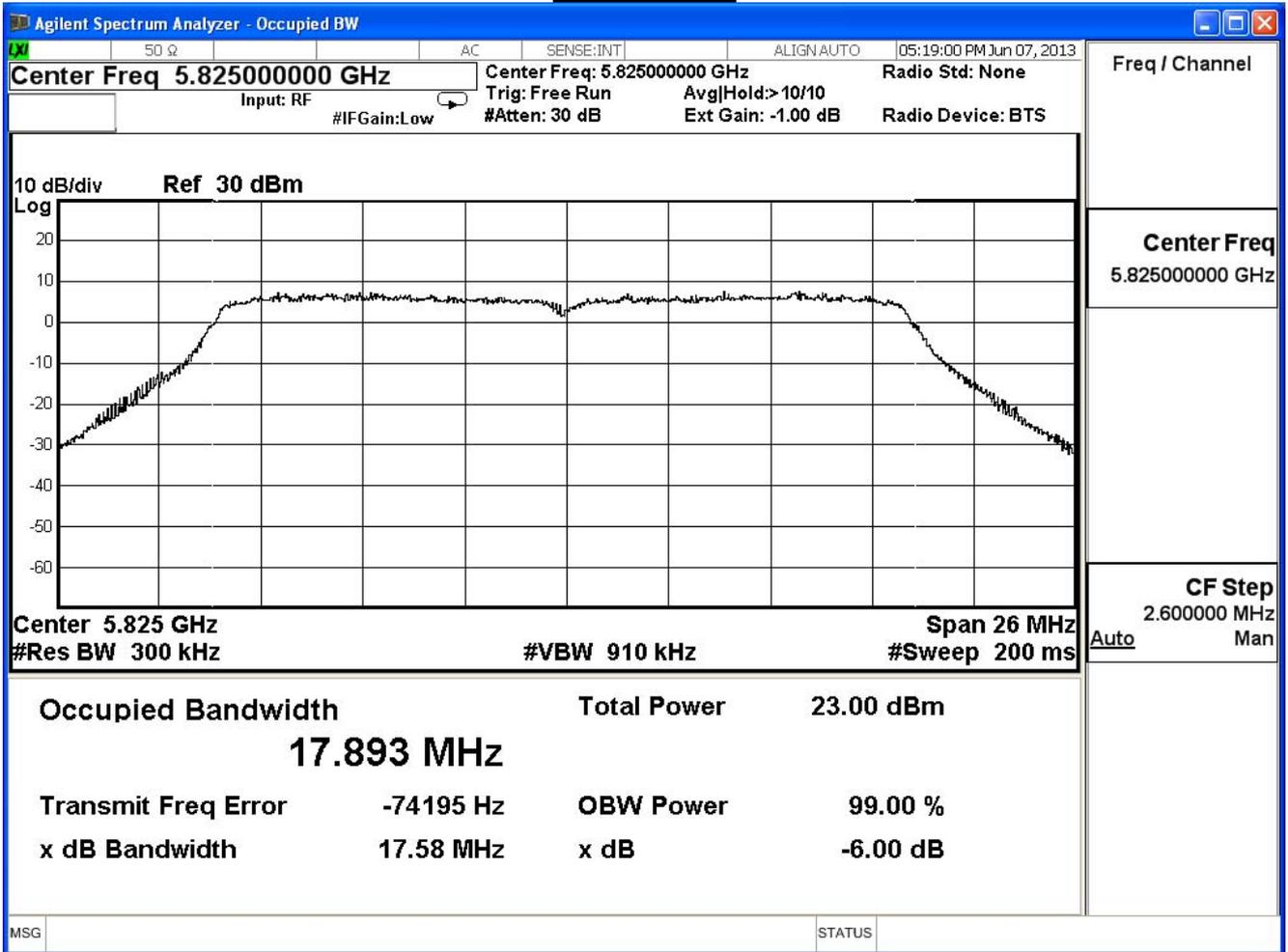
Channel 149



Channel 157



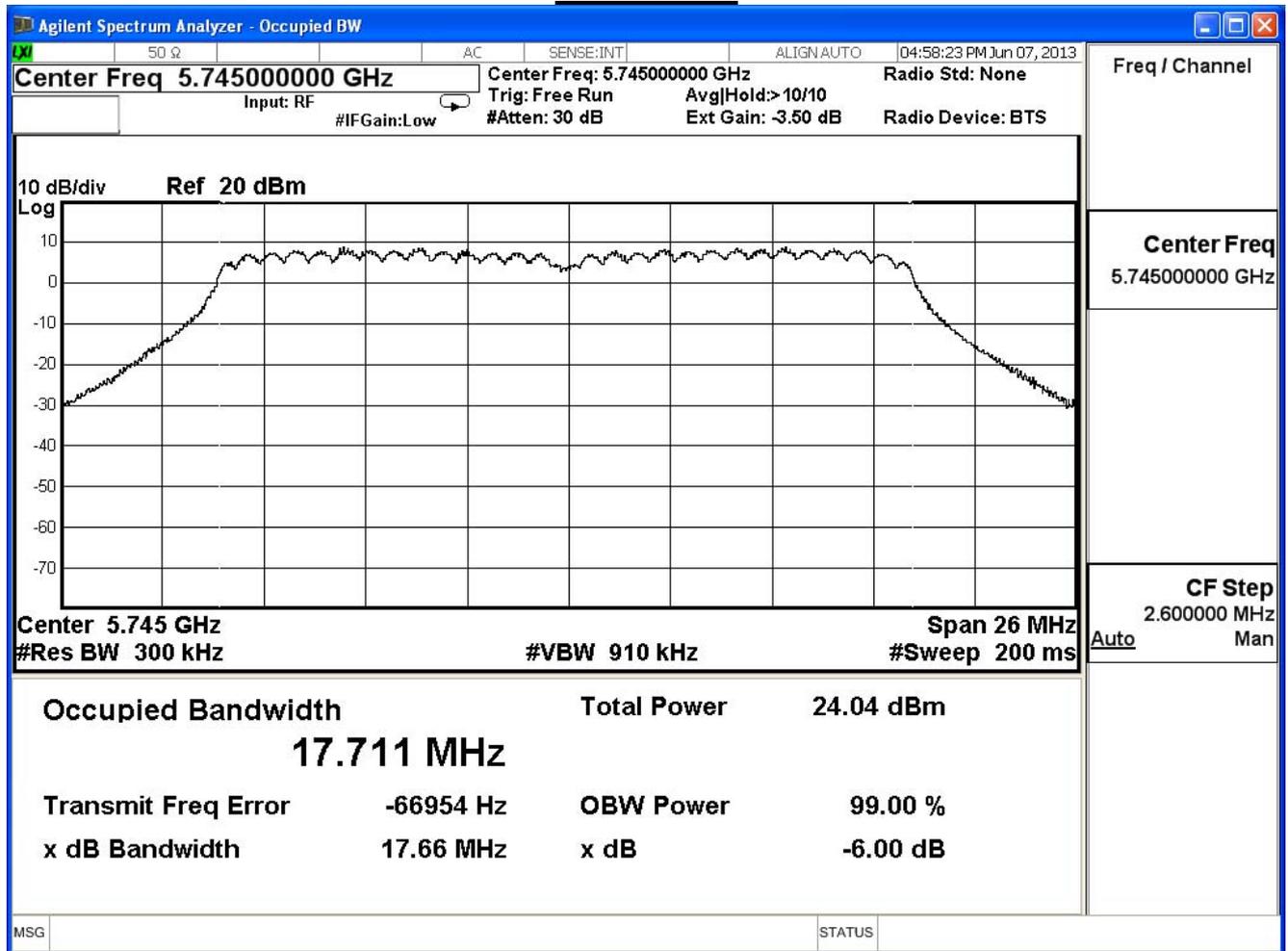
Channel 165



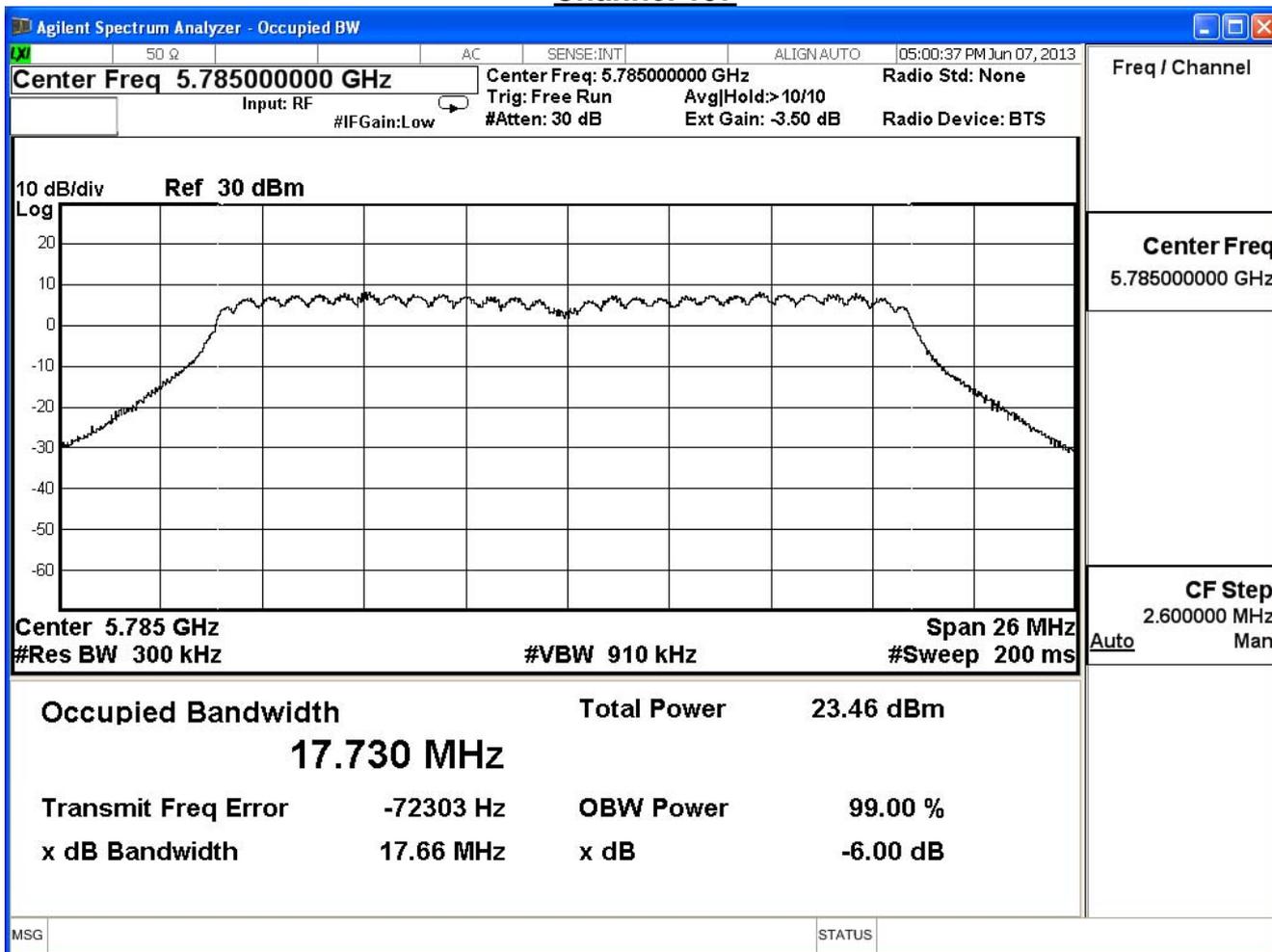
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/10	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
149	5745	17.66	≥ 0.5	Pass
157	5785	17.66	≥ 0.5	Pass
165	5825	17.66	≥ 0.5	Pass

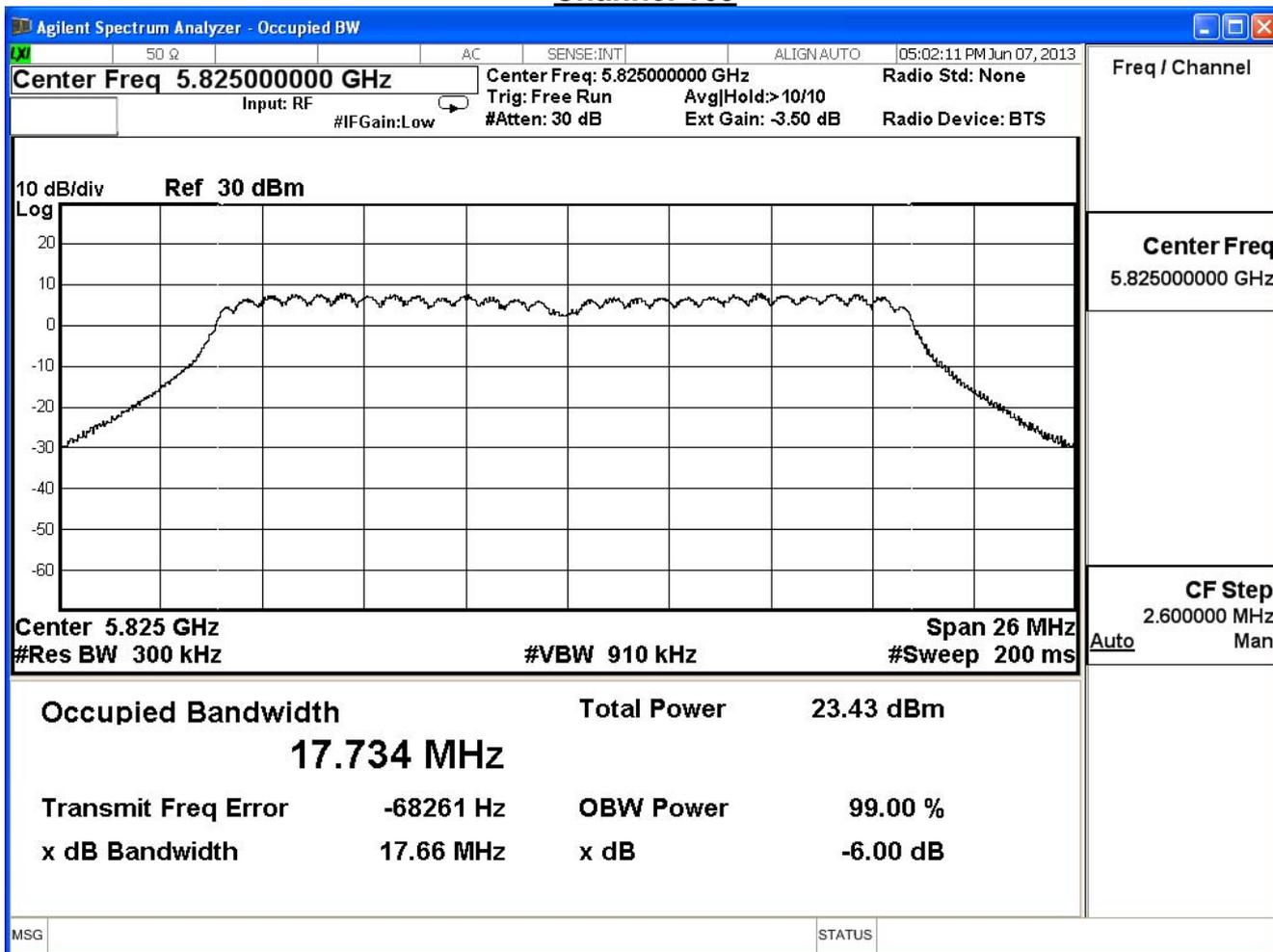
Channel 149



Channel 157



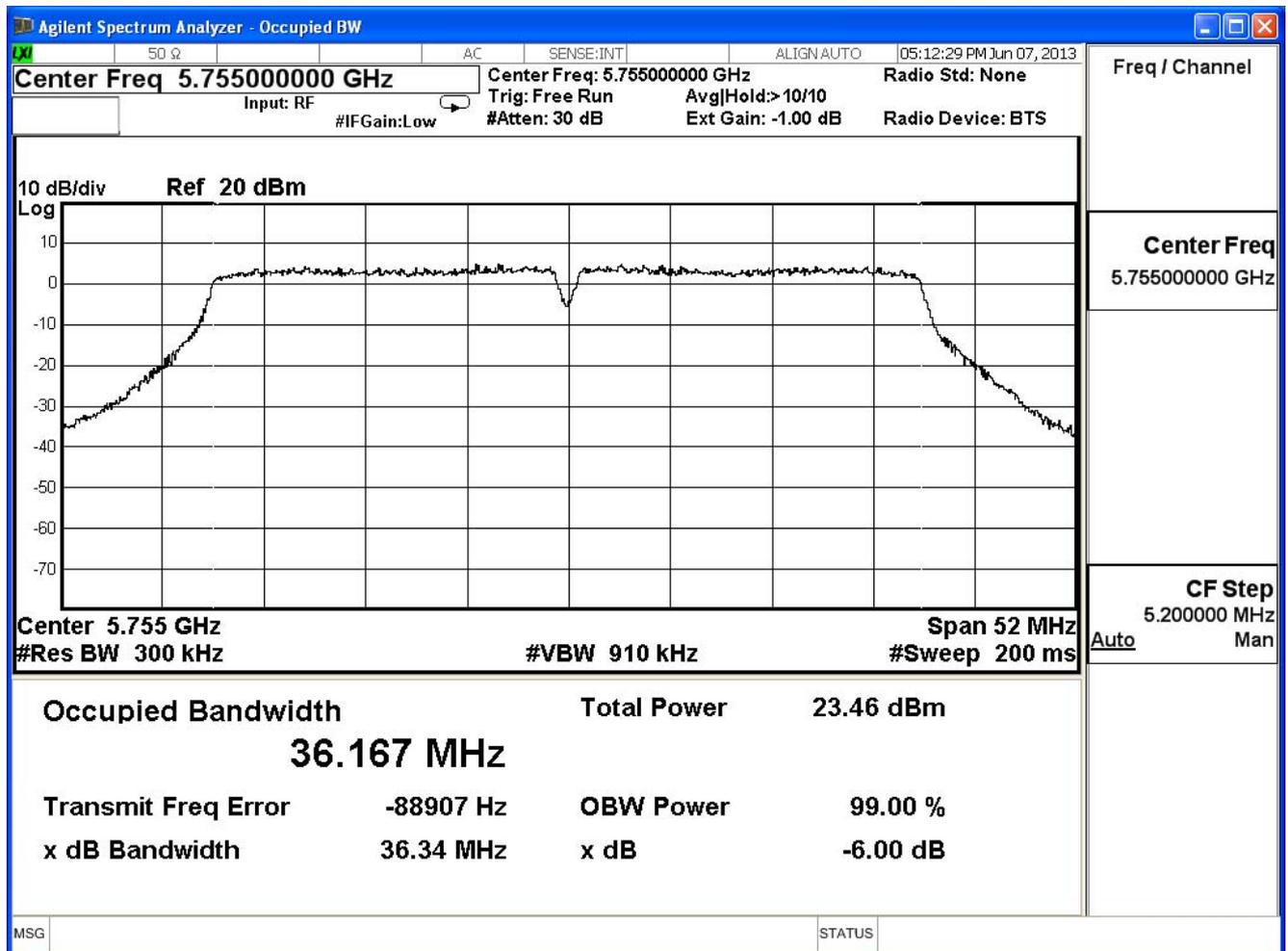
Channel 165



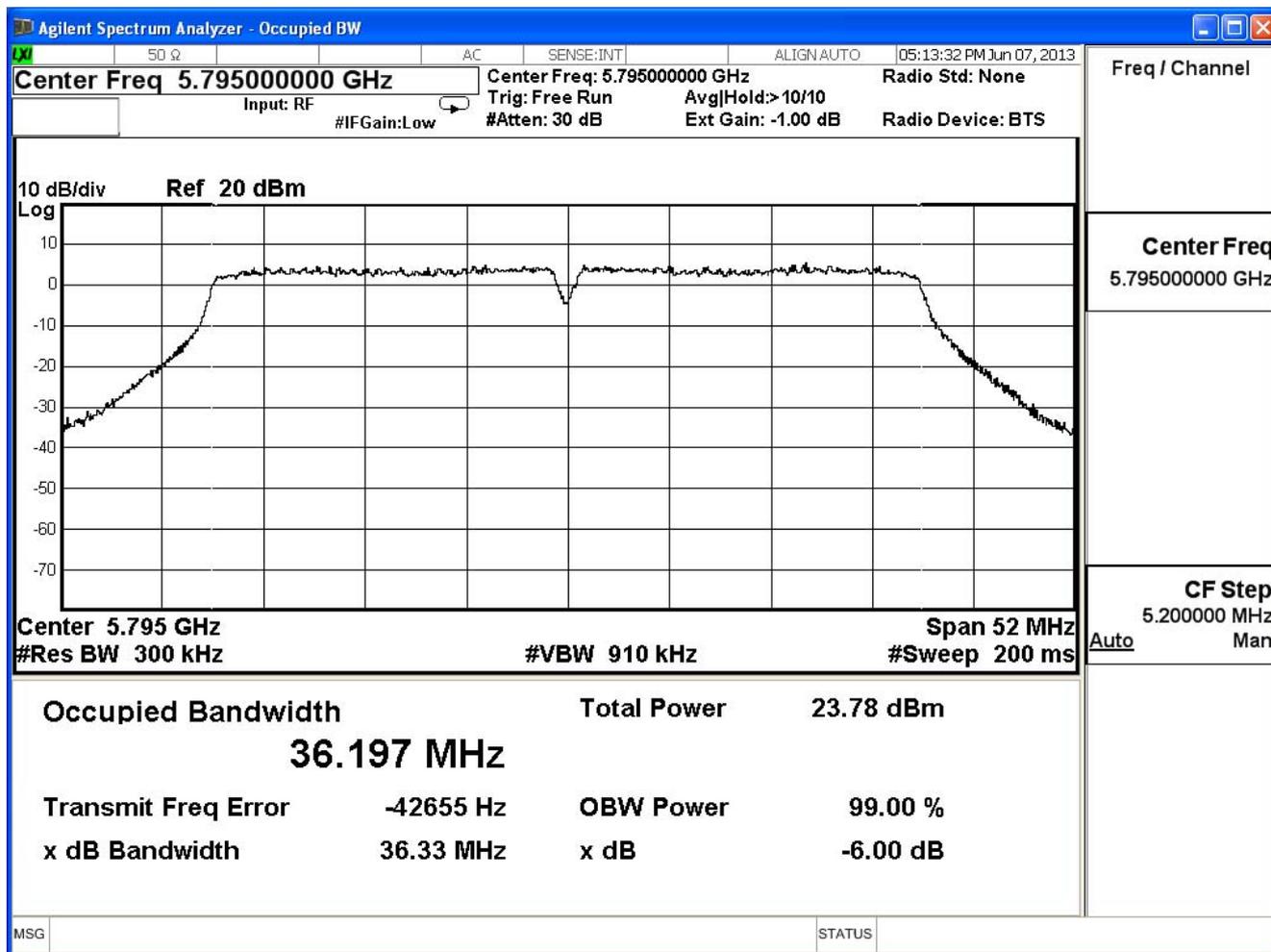
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/10	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
151	5755	36.34	≥ 0.5	Pass
159	5795	36.33	≥ 0.5	Pass

Channel 151



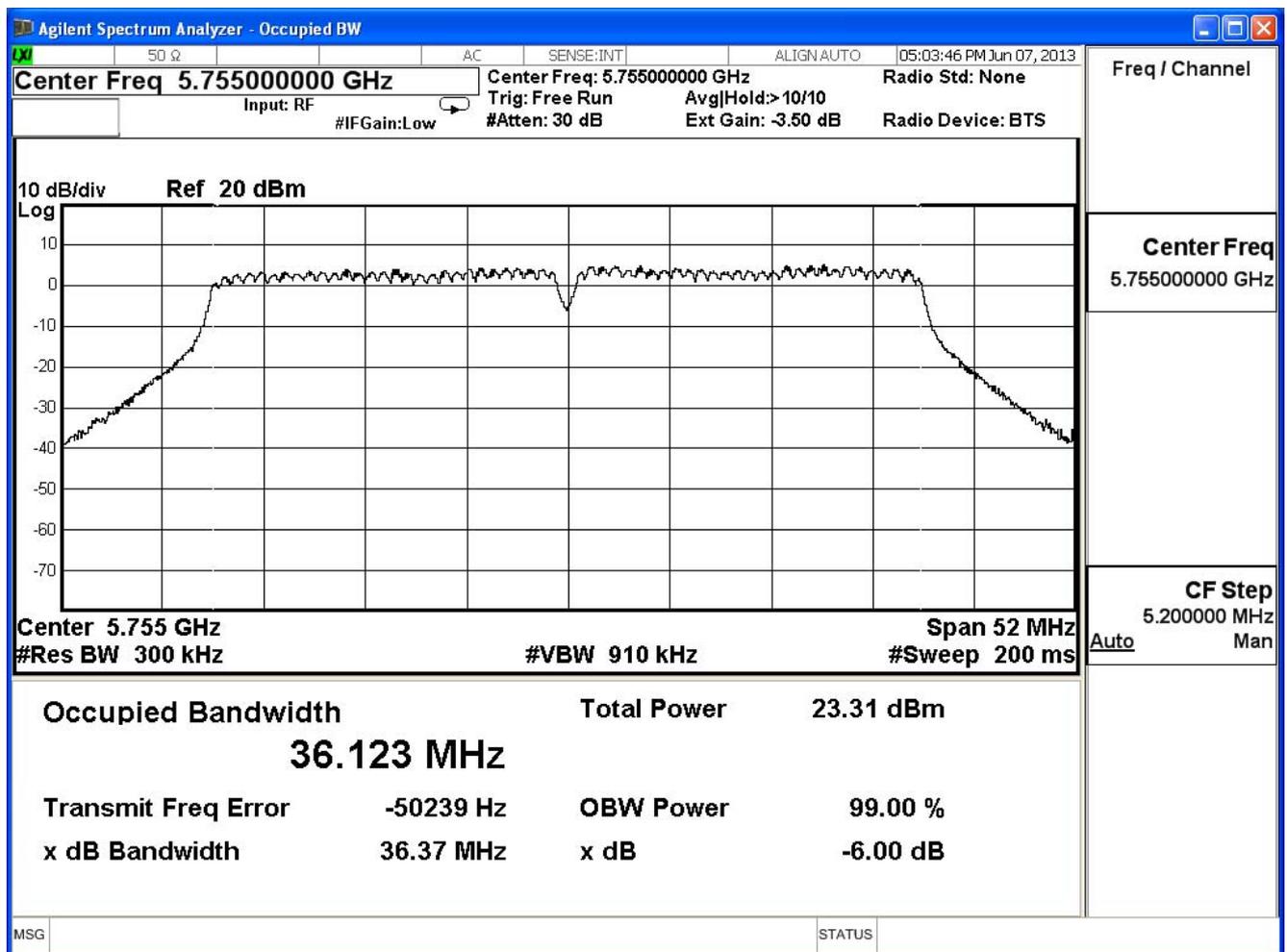
Channel 159



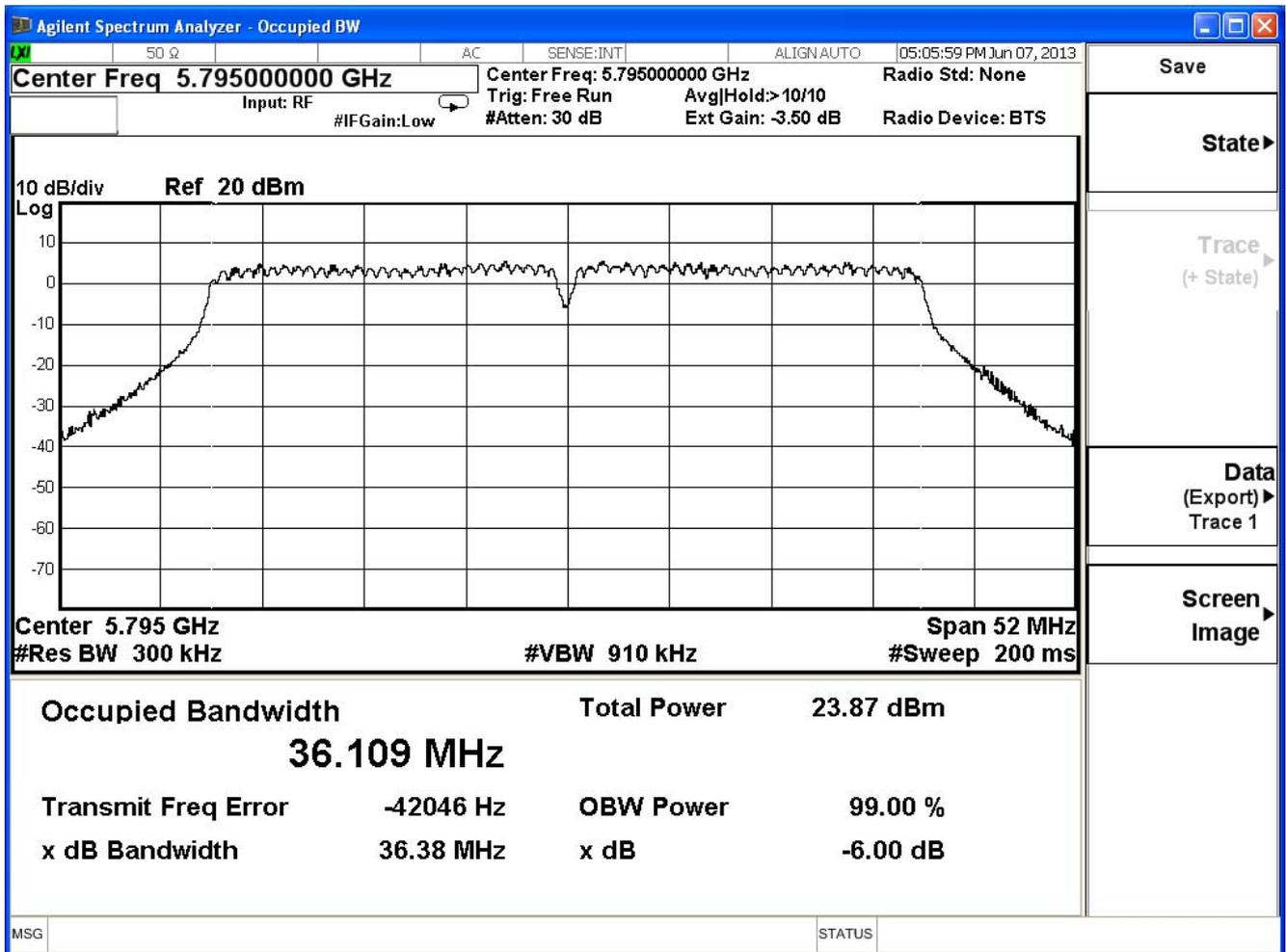
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/10	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
151	5755	36.37	≥ 0.5	Pass
159	5795	36.38	≥ 0.5	Pass

Channel 151



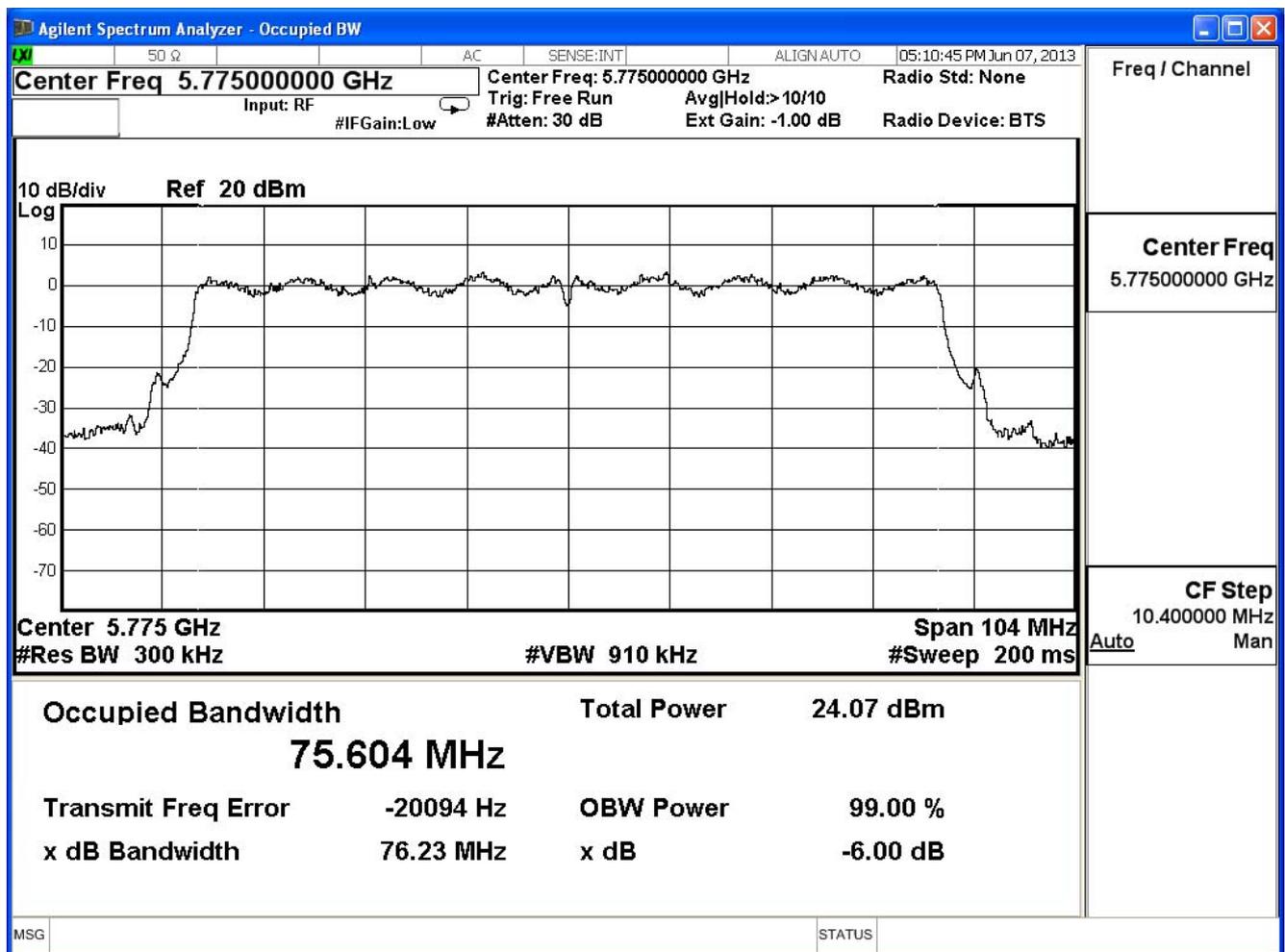
Channel 159



Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/10	Test Site	SR7

IEEE 802.11ac (80MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
155	5775	76.23	≥ 0.5	Pass

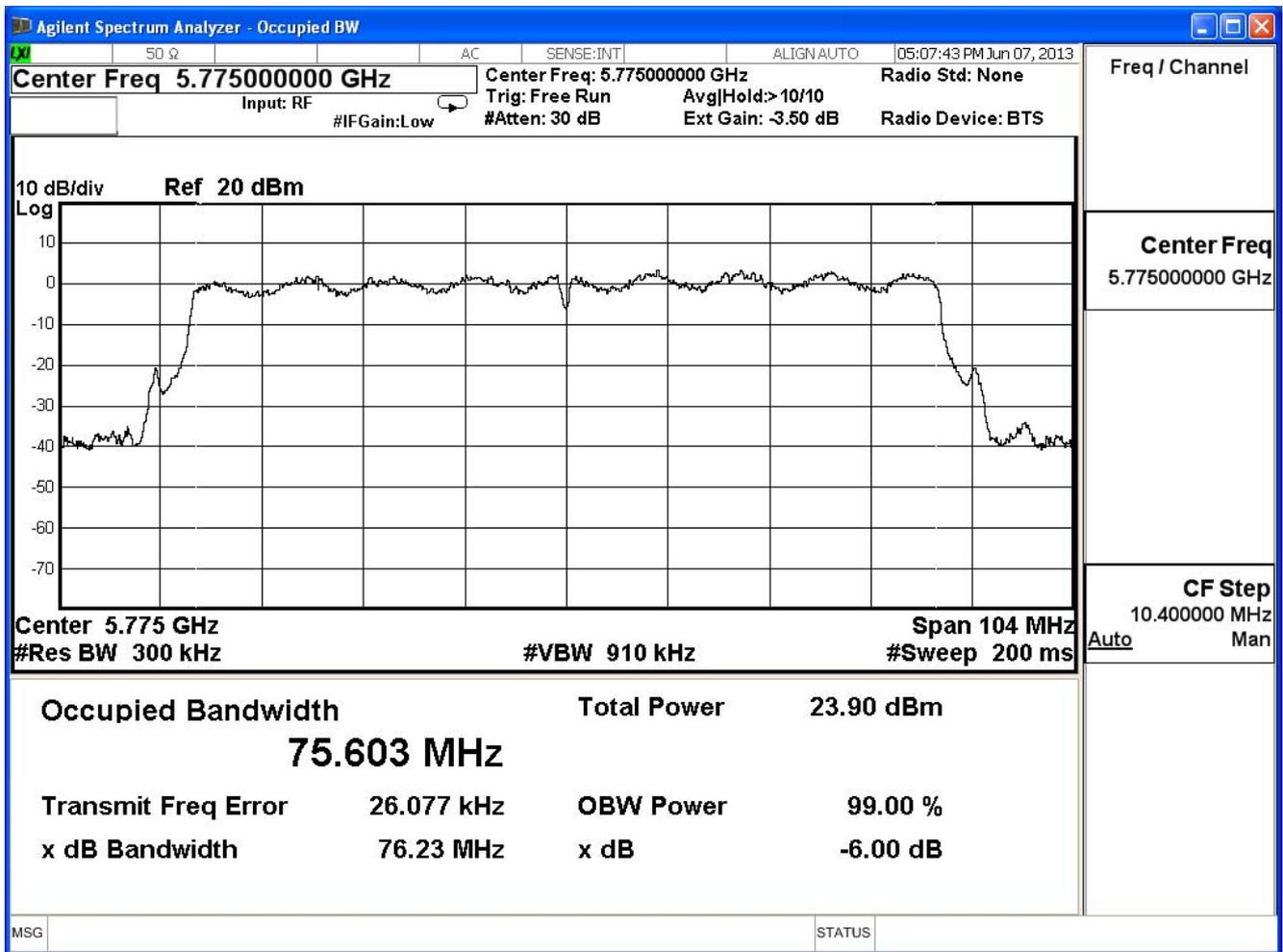
Channel 155



Product	USB-AC56 dual-bank wireless adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/10	Test Site	SR7

IEEE 802.11ac (80MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
155	5775	76.23	≥ 0.5	Pass

Channel 155



8. Power Density

8.1. Test Equipment

The following test equipment is used during the test:

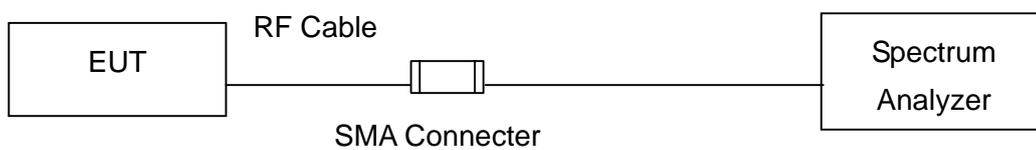
Power Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2013/07/31

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: 2012

8.6. Uncertainty

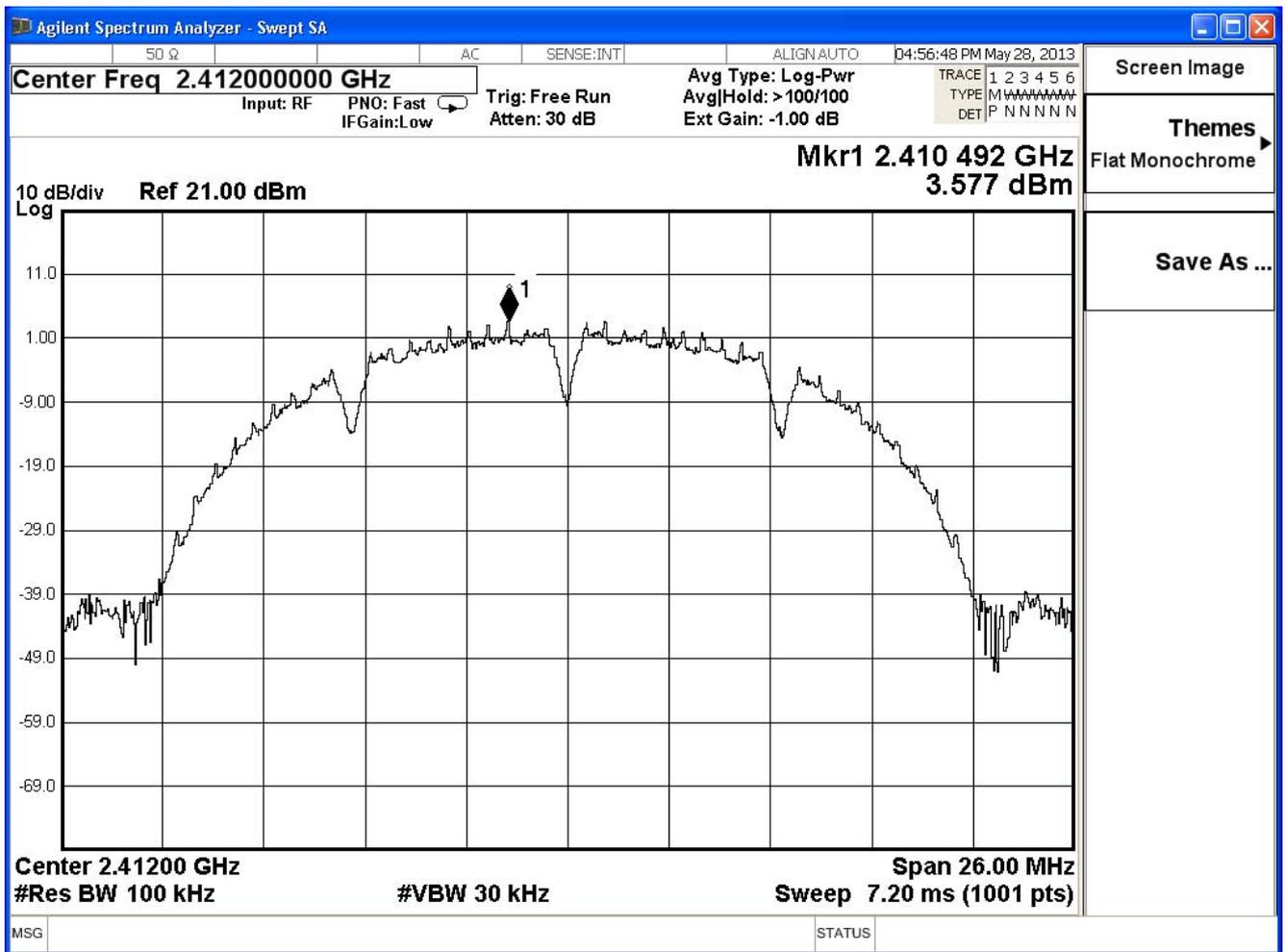
The measurement uncertainty is defined as ± 1.27 dB.

8.7. Test Result

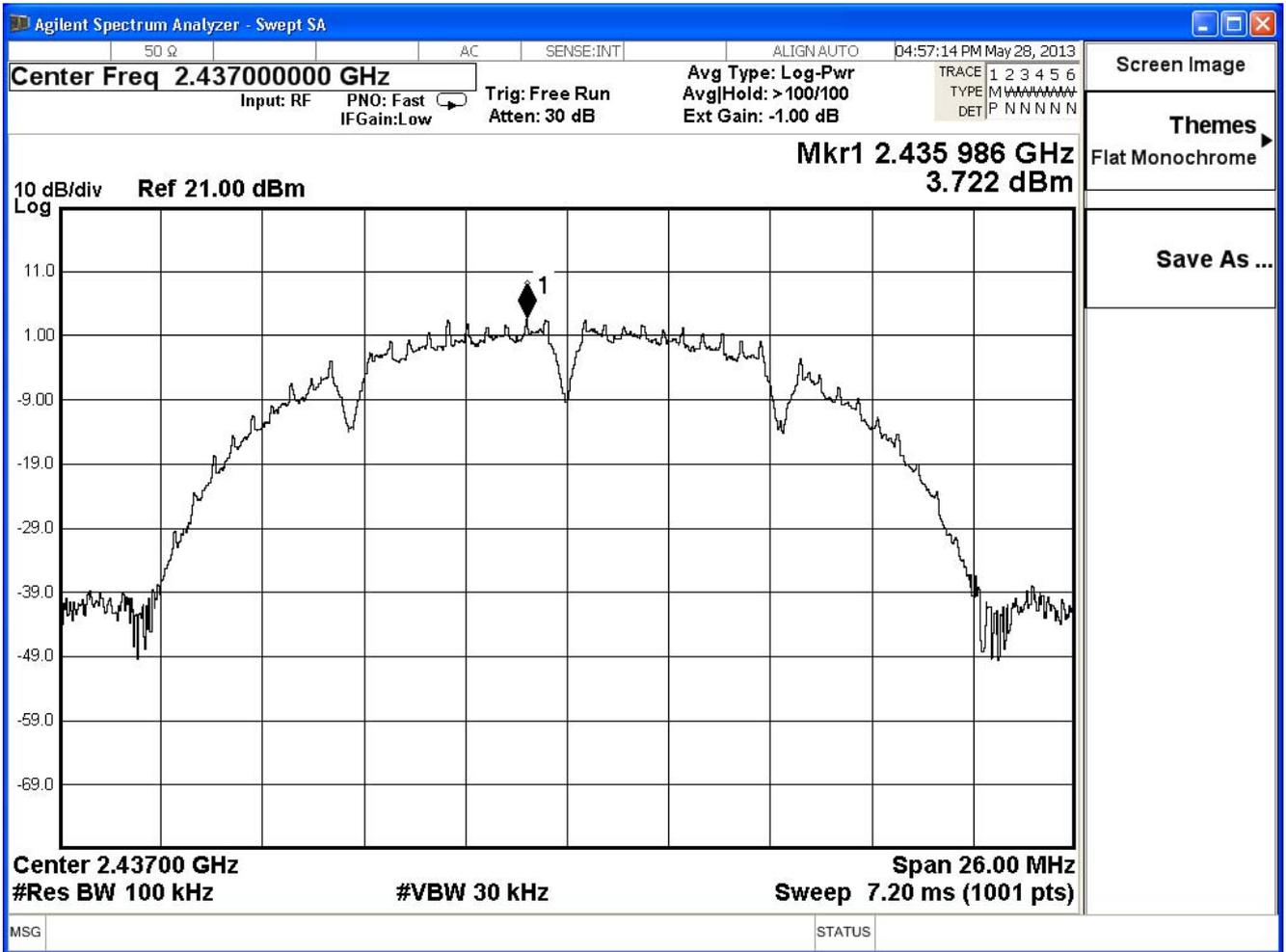
Product	USB-AC56 dual-bank wireless adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/07	Test Site	SR7

IEEE 802.11b					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	3.57	-11.63	≤ 8	Pass
6	2437	3.72	-11.48	≤ 8	Pass
11	2462	4.04	-11.16	≤ 8	Pass

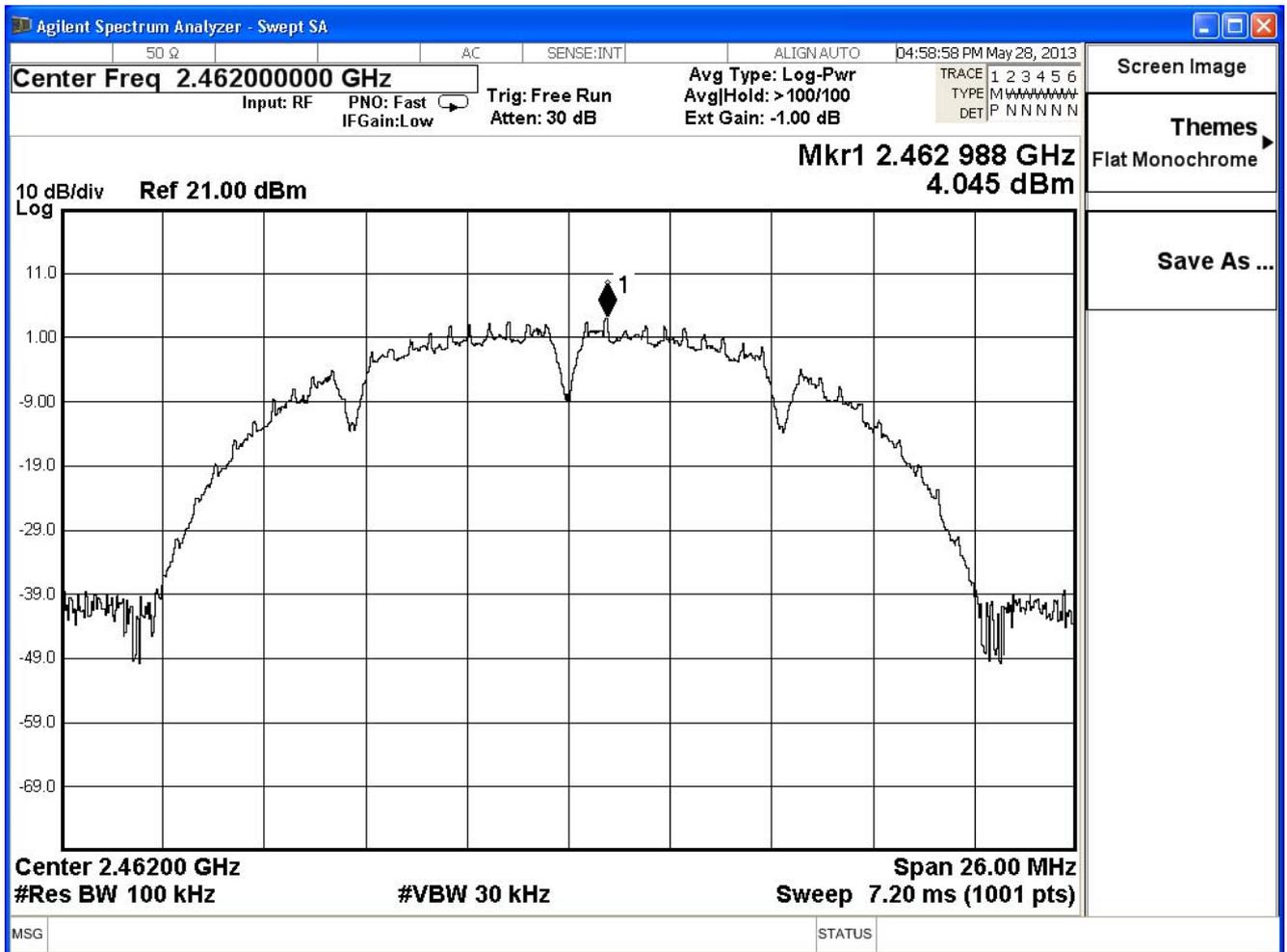
Channel 1



Channel 6



Channel 11



Product	USB-AC56 dual-bank wireless adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Dipole Antenna)		
Date of Test	2013/06/07	Test Site	SR7

IEEE 802.11g					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement (dBm)	Limit (dBm)	Result
1	2412	-0.18	-15.38	≤ 8	Pass
6	2437	0.06	-15.13	≤ 8	Pass
11	2462	0.34	-14.86	≤ 8	Pass

Channel 1

