5. RF antenna conducted test

5.1. Test Equipment

The following test equipment is used during the test:

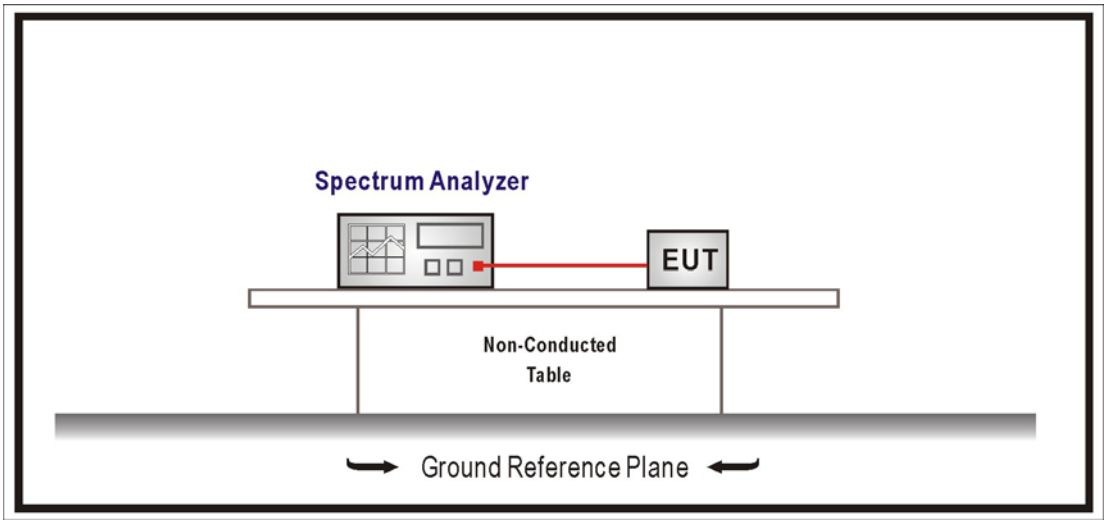
RF antenna conducted test / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2012/01/16

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

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted or radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements
Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2010

5.6. Uncertainty

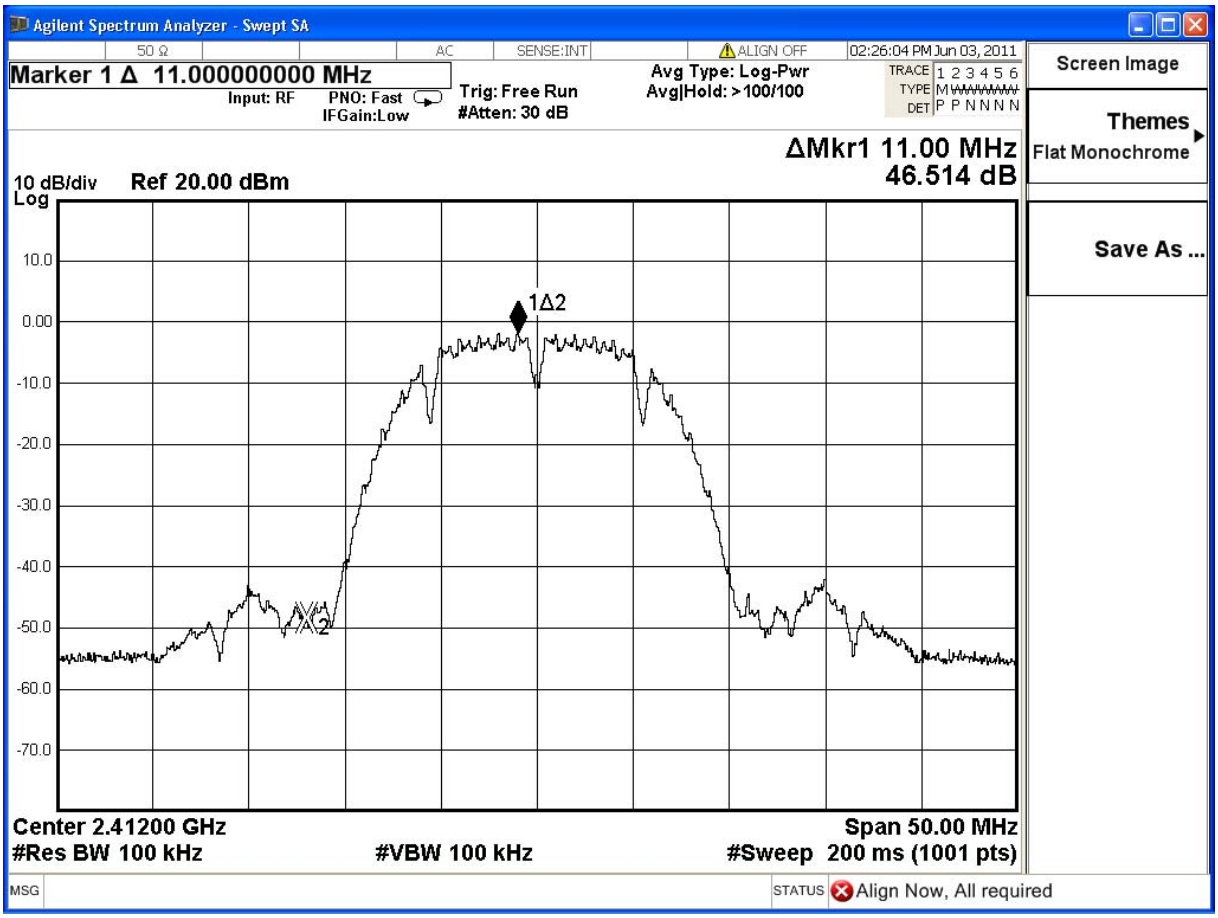
Conducted is defined as ± 1.27dB

5.7. Test Result

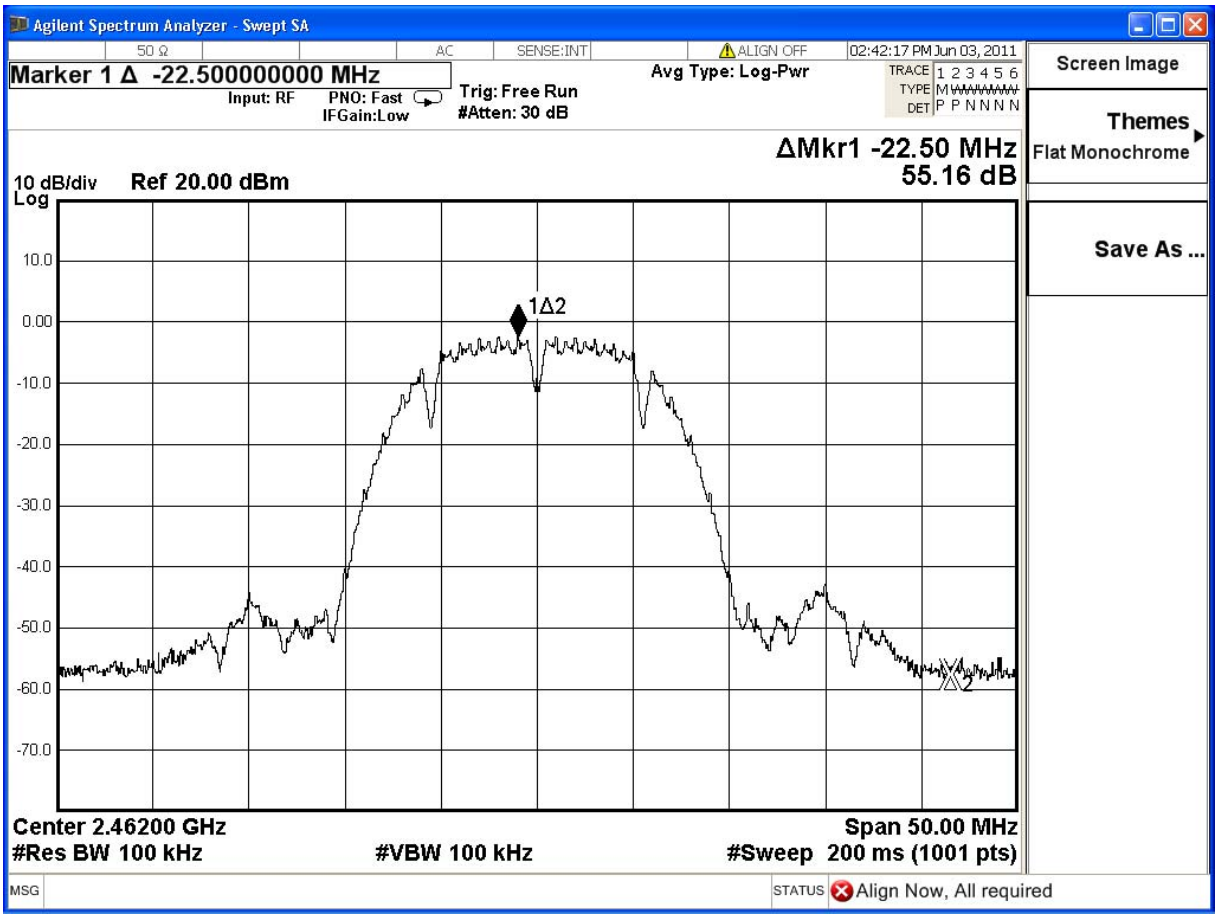
Product	Wireless N Day/Night Home Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2011/06/03	Test Site	SR7

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	46.51	≥20	Pass
11	2462	55.16	≥20	Pass

Channel 01 (2412MHz)



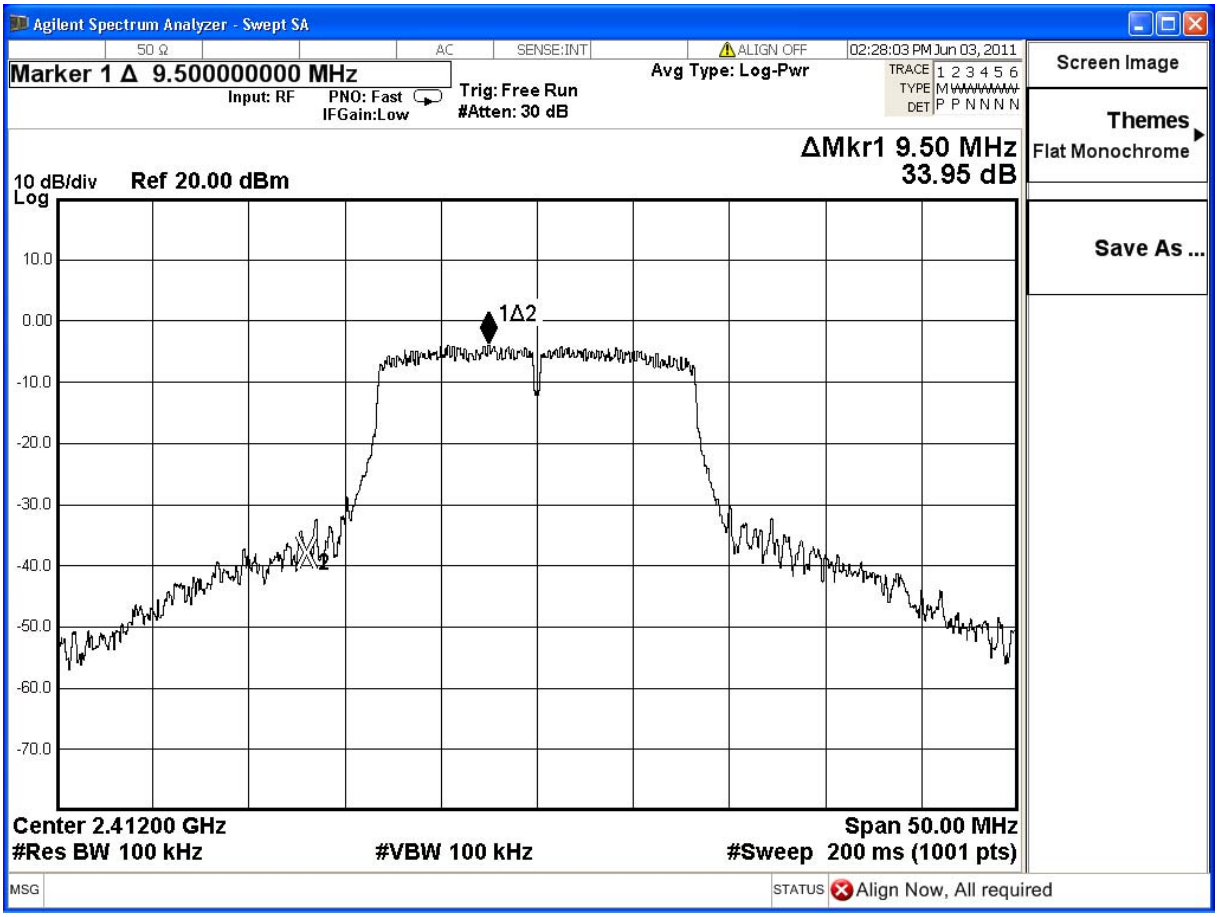
Channel 11 (2462MHz)



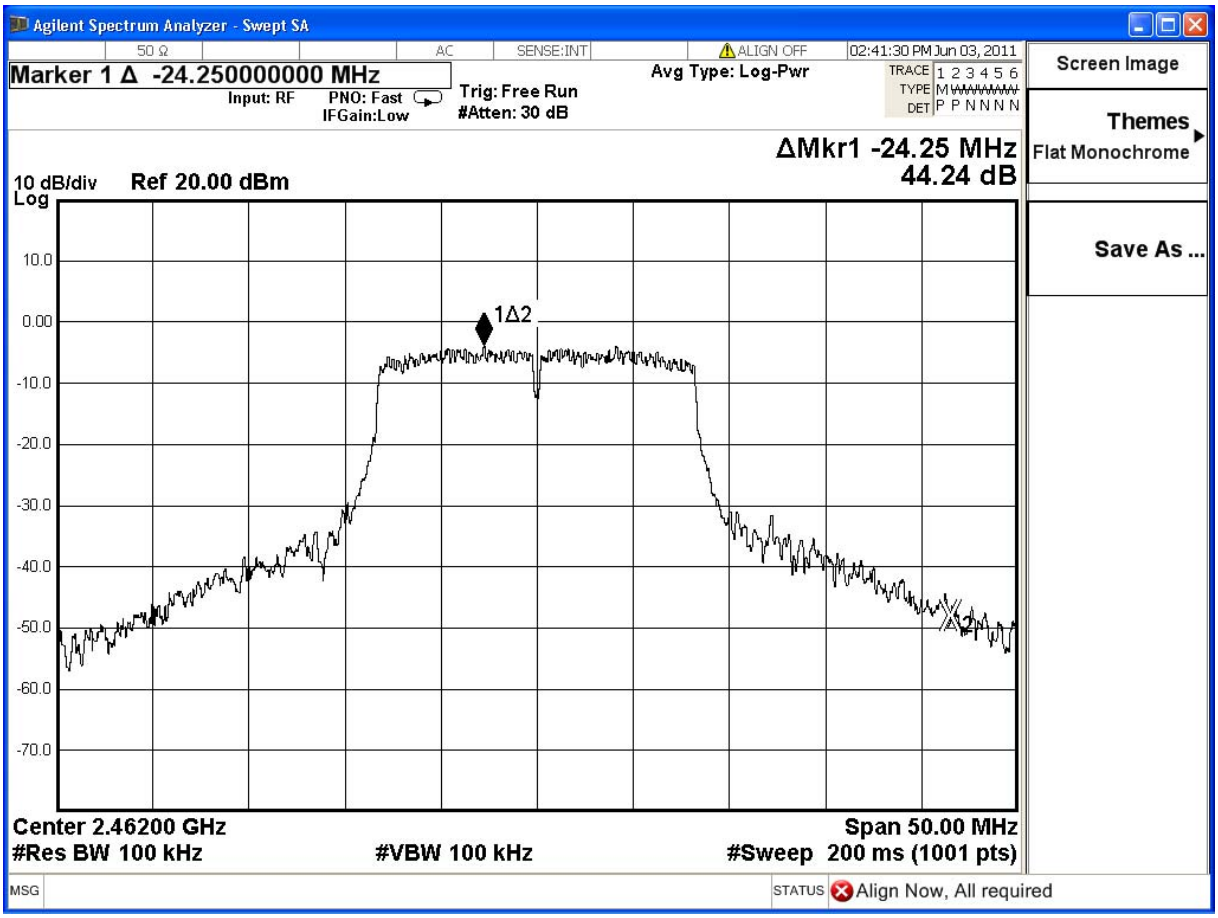
Product	Wireless N Day/Night Home Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2011/06/03	Test Site	SR7

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	33.95	≥20	Pass
11	2462	44.24	≥20	Pass

Channel 01 (2412MHz)



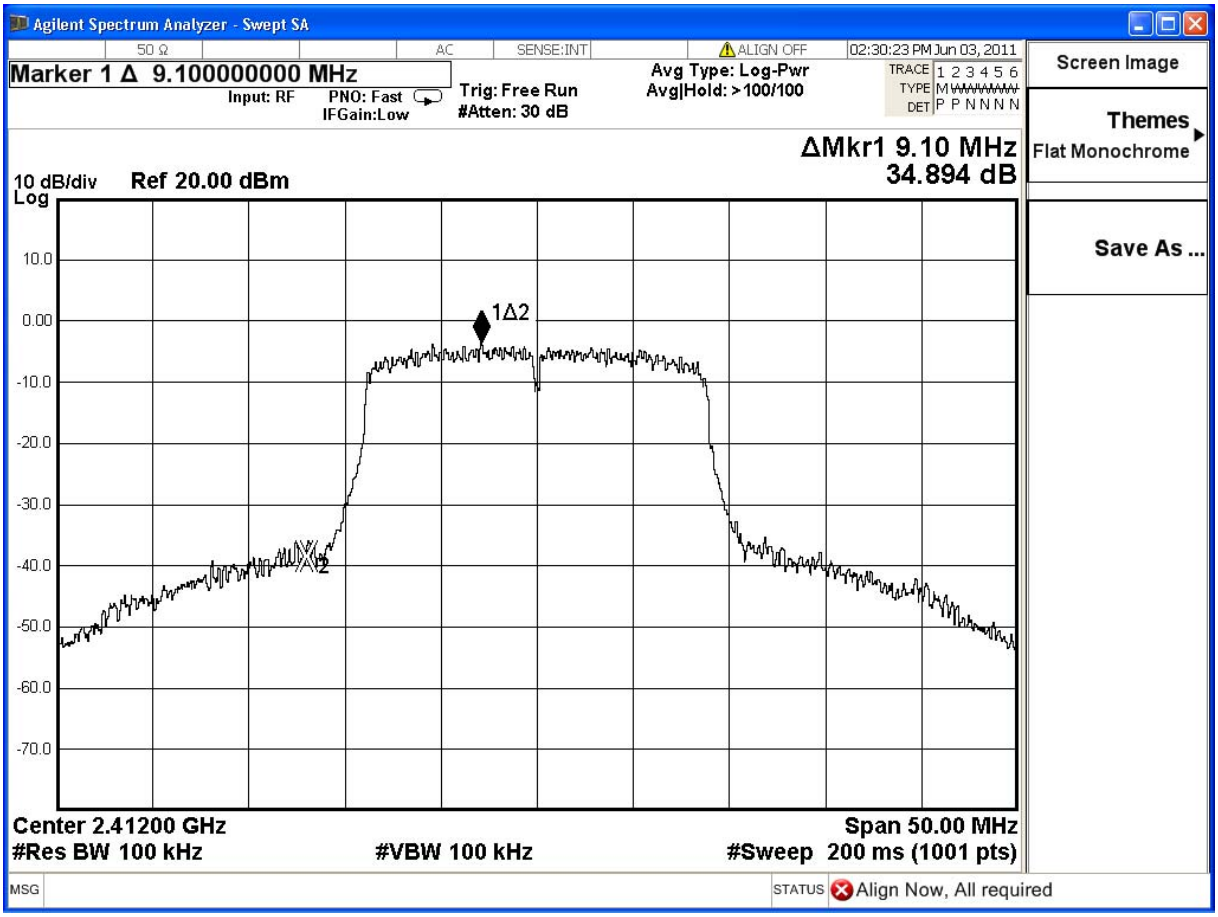
Channel 11 (2462MHz)



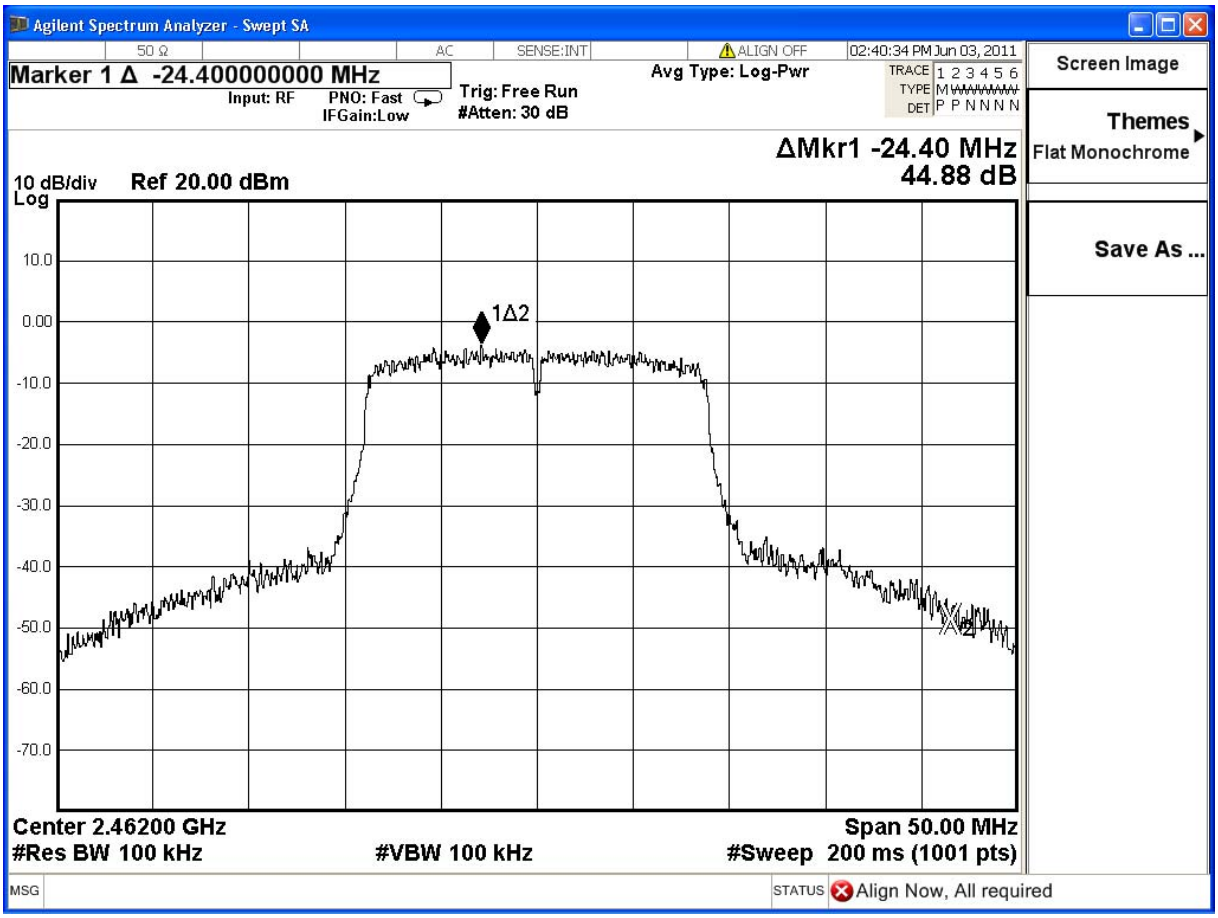
Product	Wireless N Day/Night Home Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2011/06/03	Test Site	SR7

IEEE 802.11n (20MHz)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	34.89	≥20	Pass
11	2462	44.88	≥20	Pass

Channel 01 (2412MHz)



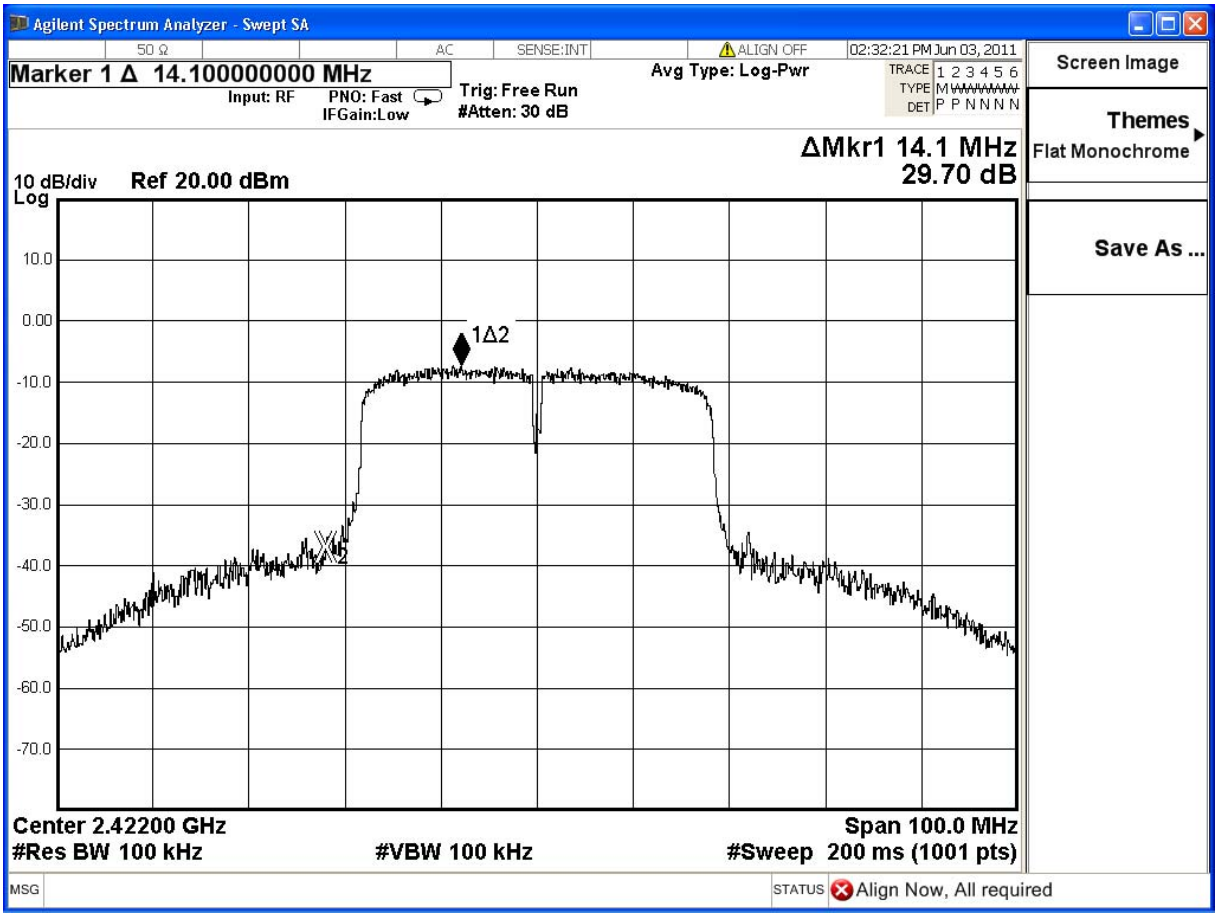
Channel 11 (2462MHz)



Product	Wireless N Day/Night Home Network Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2011/06/03	Test Site	SR7

IEEE 802.11n (40MHz)				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	29.70	≥20	Pass
9	2452	31.50	≥20	Pass

Channel 03 (2422MHz)



Channel 09 (2452MHz)