5. RF antenna conducted test

5.1. Test Equipment

The following test equipment is used during the test:

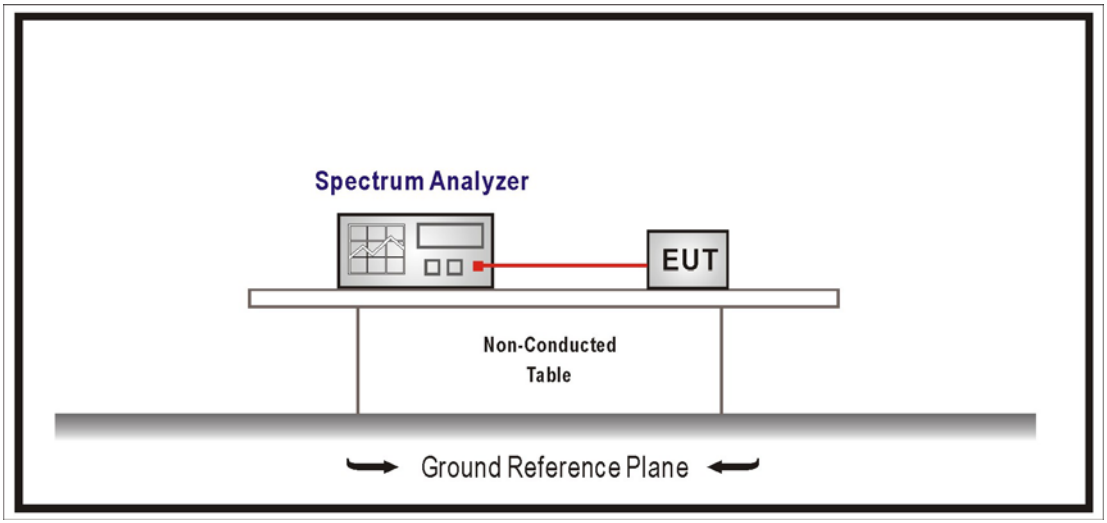
RF antenna conducted test / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2011/02/04

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 Jan. 2012 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: 2011

5.6. Uncertainty

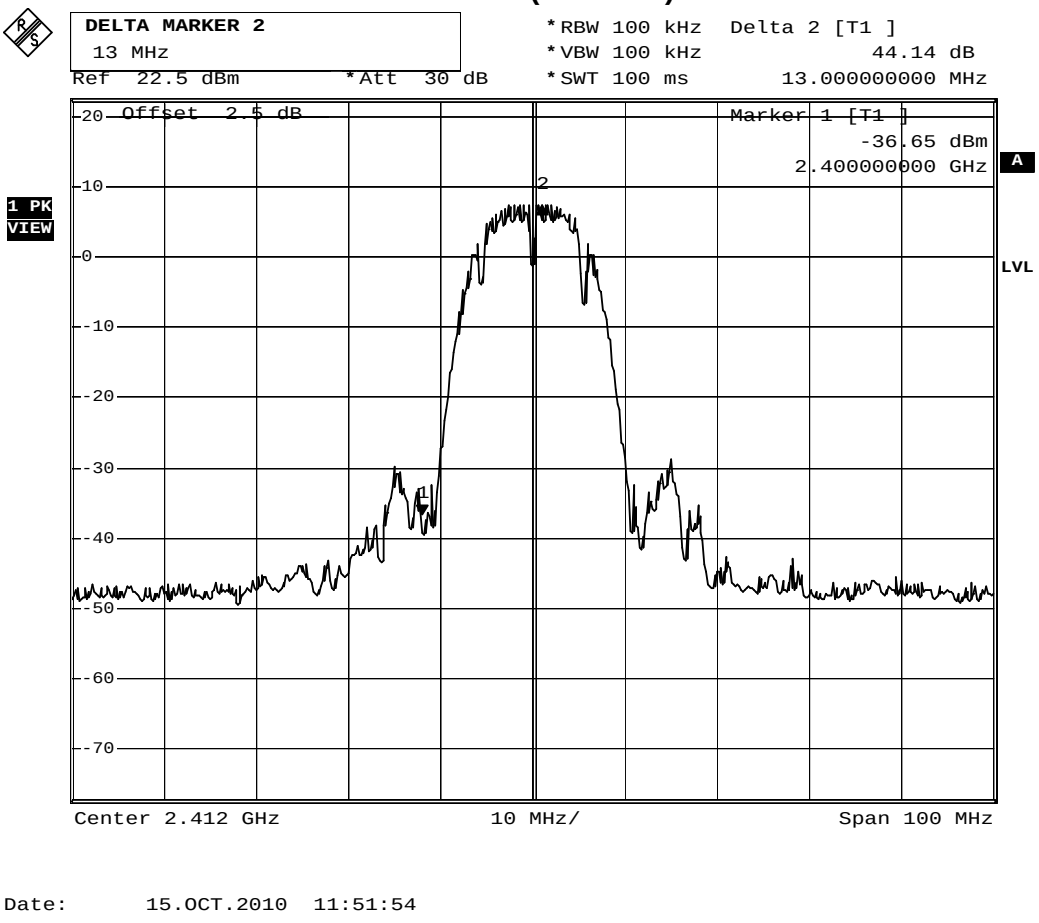
Conducted is defined as ± 1.27dB

5.7. Test Result

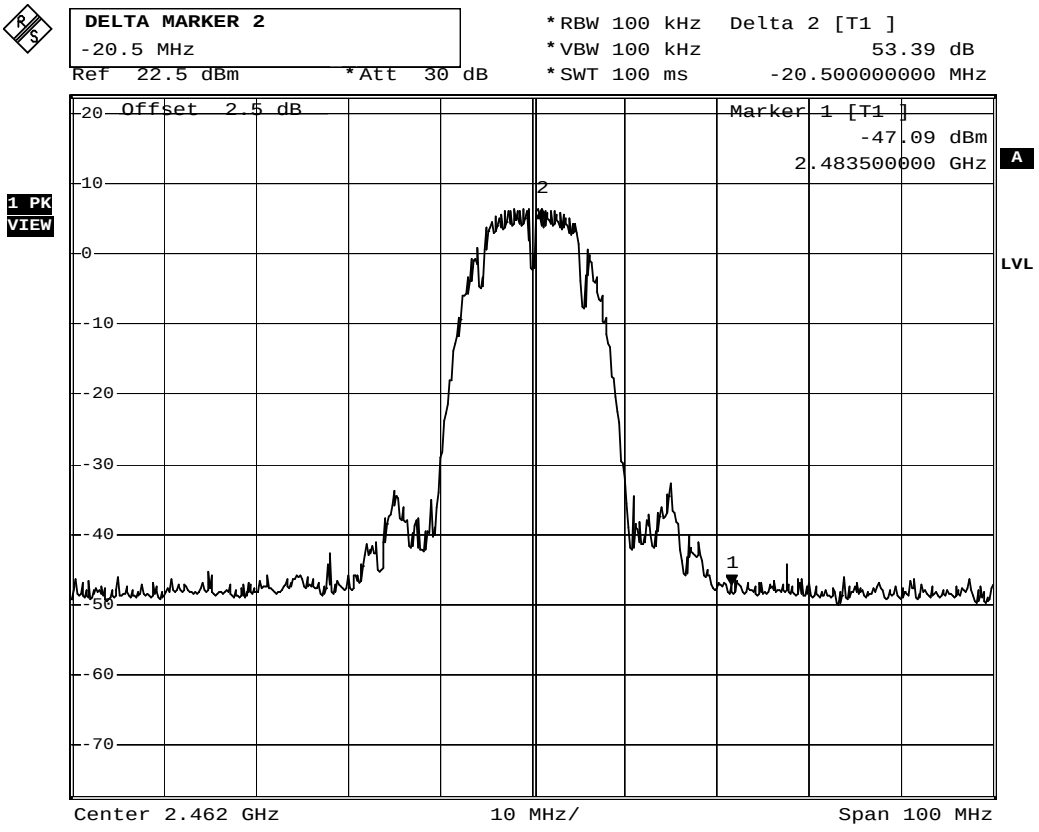
Product	Wireless N Home Networks Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/10/15	Test Site	SR7

IEEE 802.11b, Antenna Gain: 2.1dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	44.14	≧20	Pass
11	2462	53.39	≧20	Pass

Channel 01 (2412MHz)



Channel 11 (2462MHz)

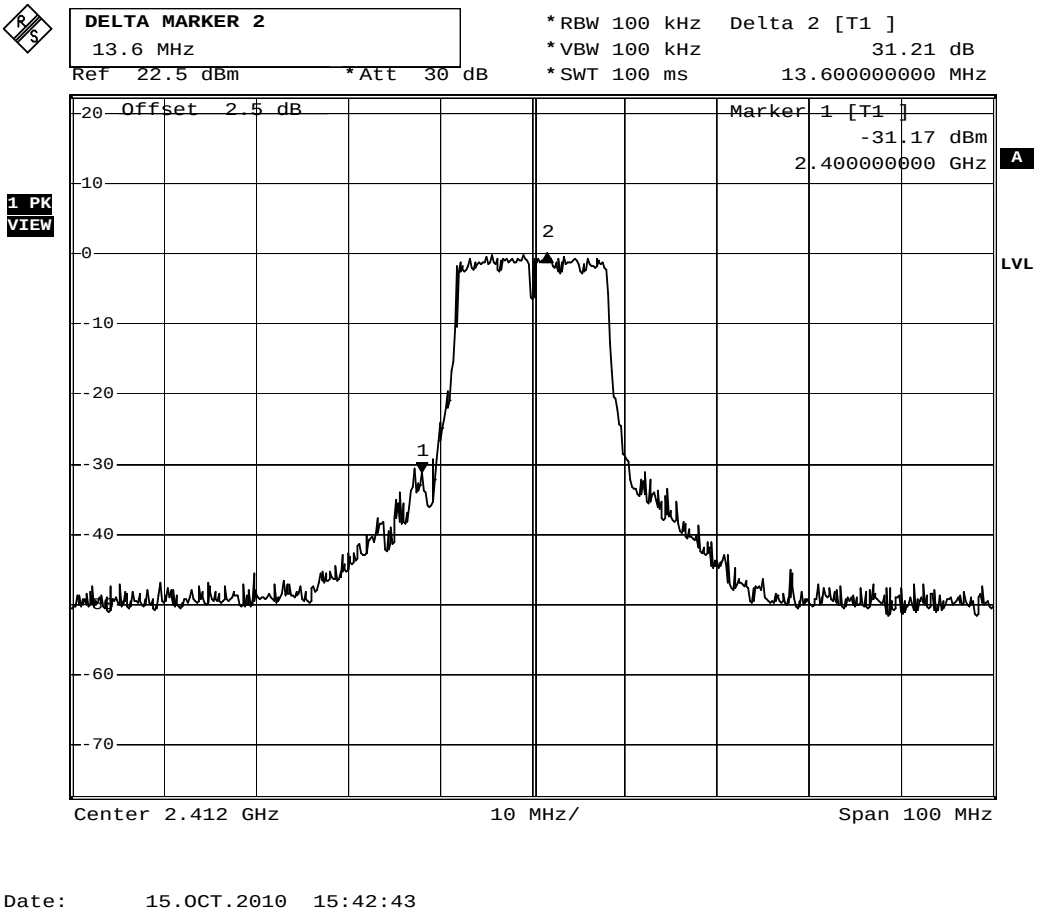


Date: 15.OCT.2010 11:56:32

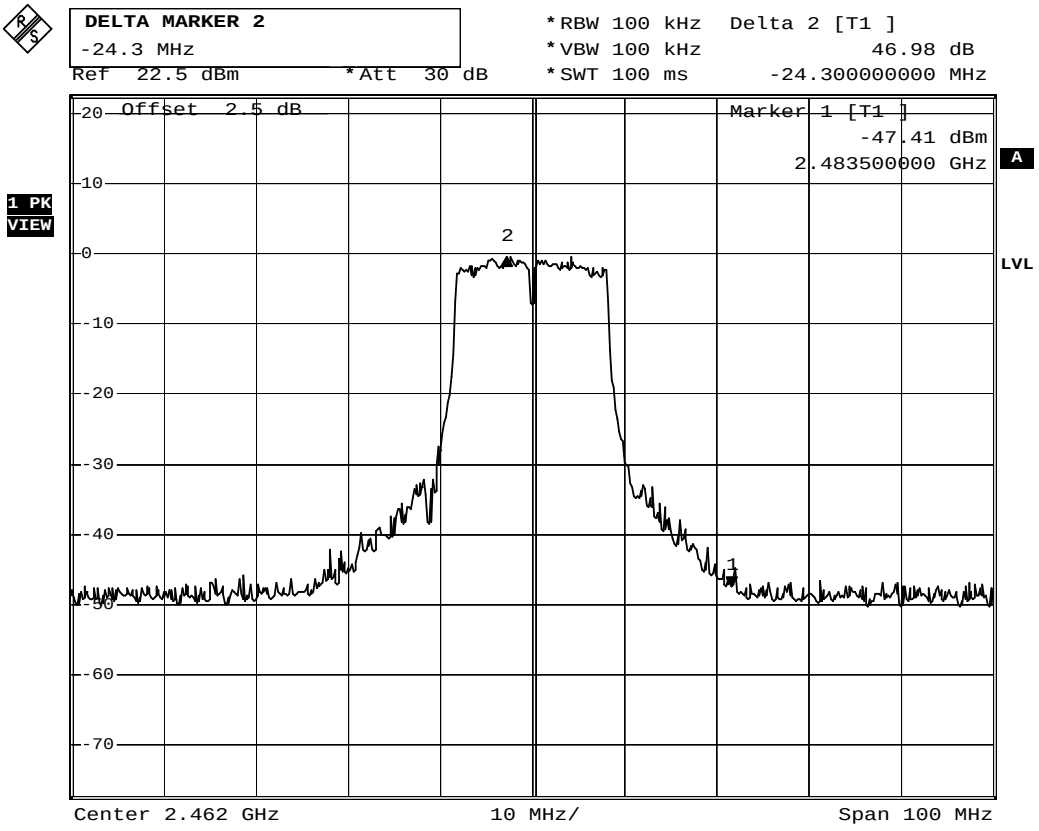
Product	Wireless N Home Networks Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/10/15	Test Site	SR7

IEEE 802.11g, Antenna Gain: 2.1dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	31.21	≧20	Pass
11	2462	46.98	≧20	Pass

Channel 01 (2412MHz)



Channel 11 (2462MHz)

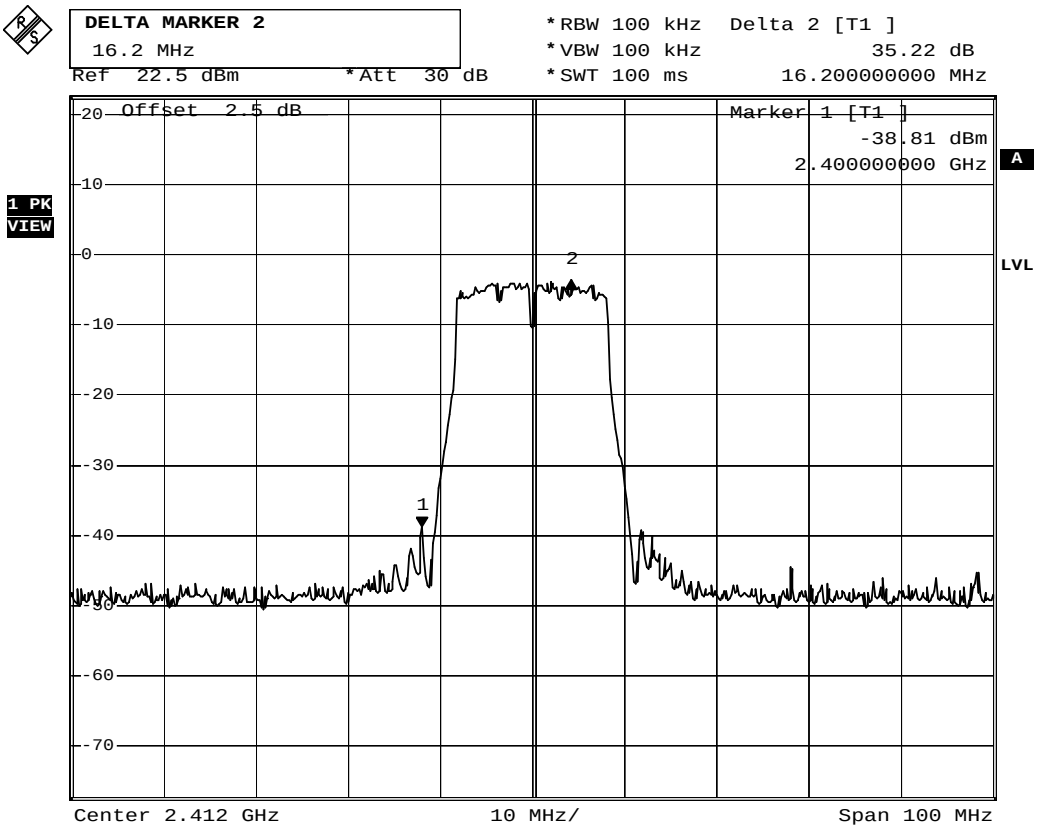


Date: 15.OCT.2010 15:43:51

Product	Wireless N Home Networks Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/10/15	Test Site	SR7

IEEE 802.11n (20MHz), Antenna Gain: 2.1dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	35.22	≥20	Pass
11	2462	44.47	≥20	Pass

Channel 1 (2412MHz)



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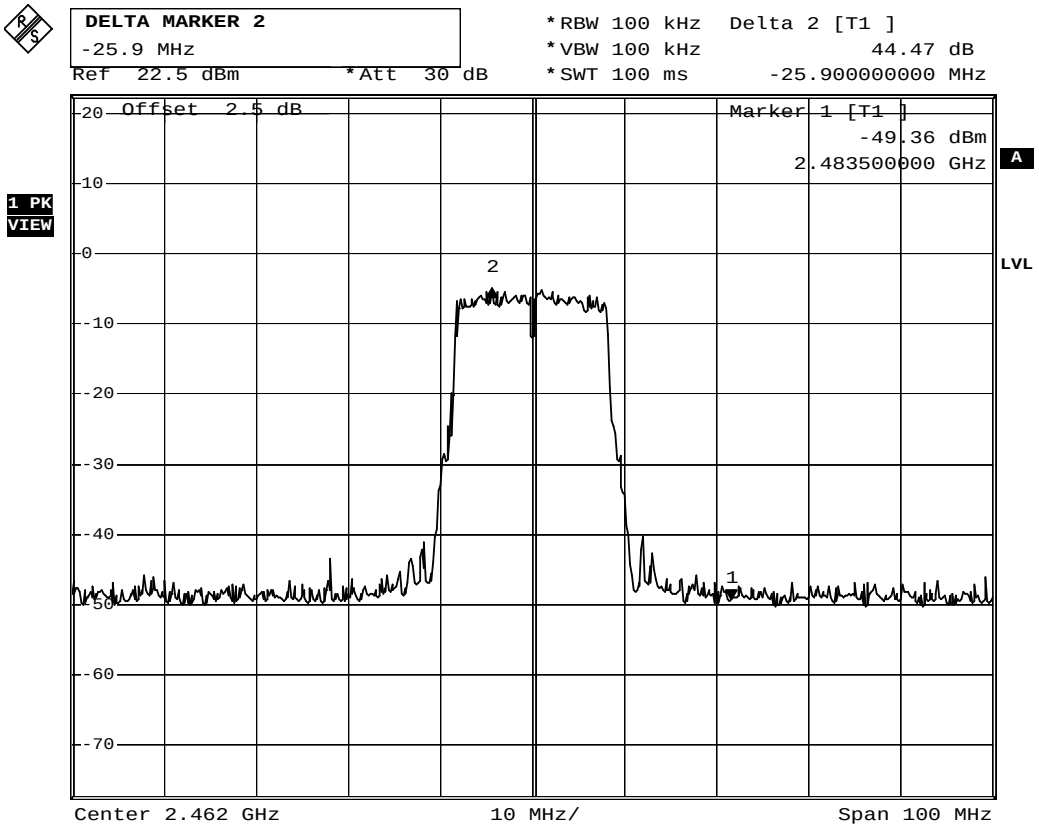
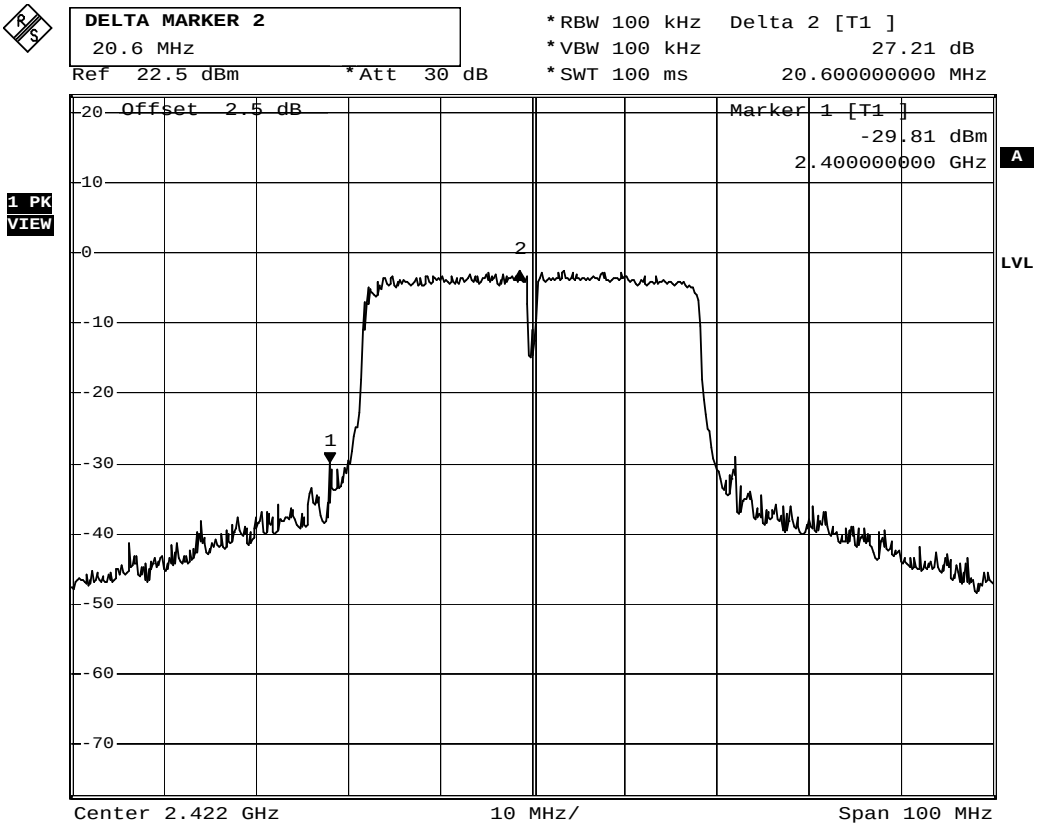
Channel 11 (2462MHz)



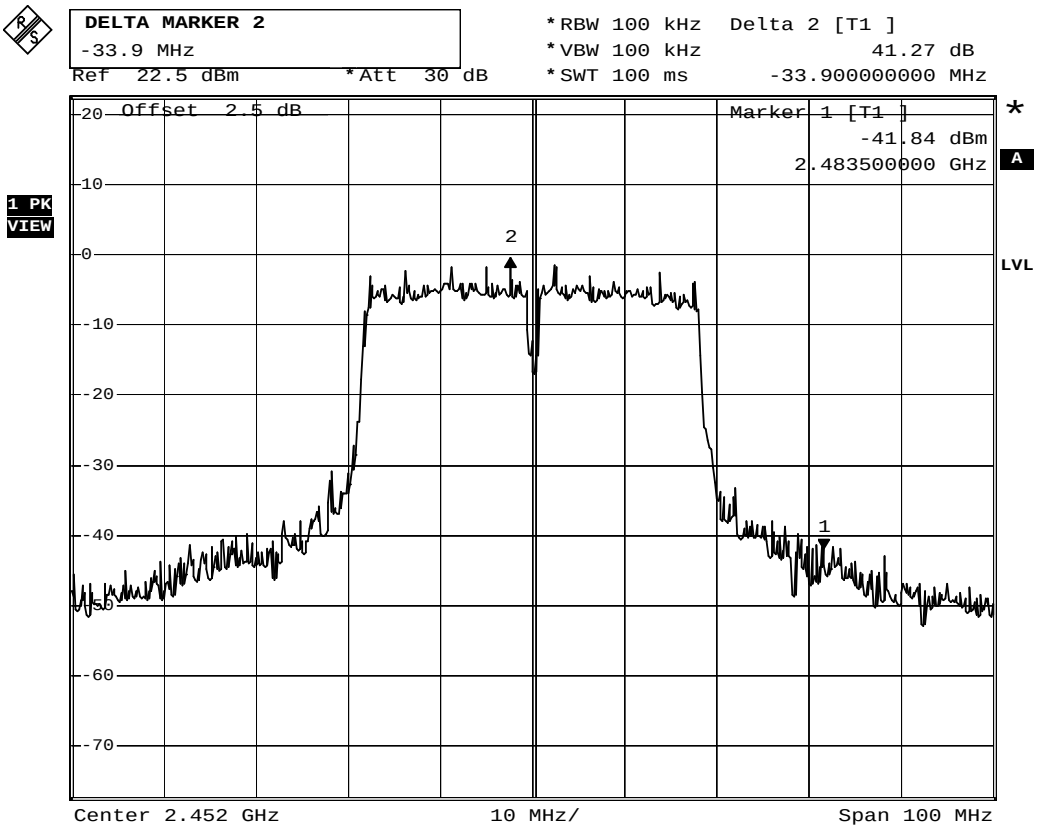
Product	Wireless N Home Networks Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2010/10/15	Test Site	SR7

IEEE 802.11n (40MHz), Antenna Gain: 2.1dBi Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	27.21	≥20	Pass
9	2452	41.27	≥20	Pass

Channel 3 (2422MHz)



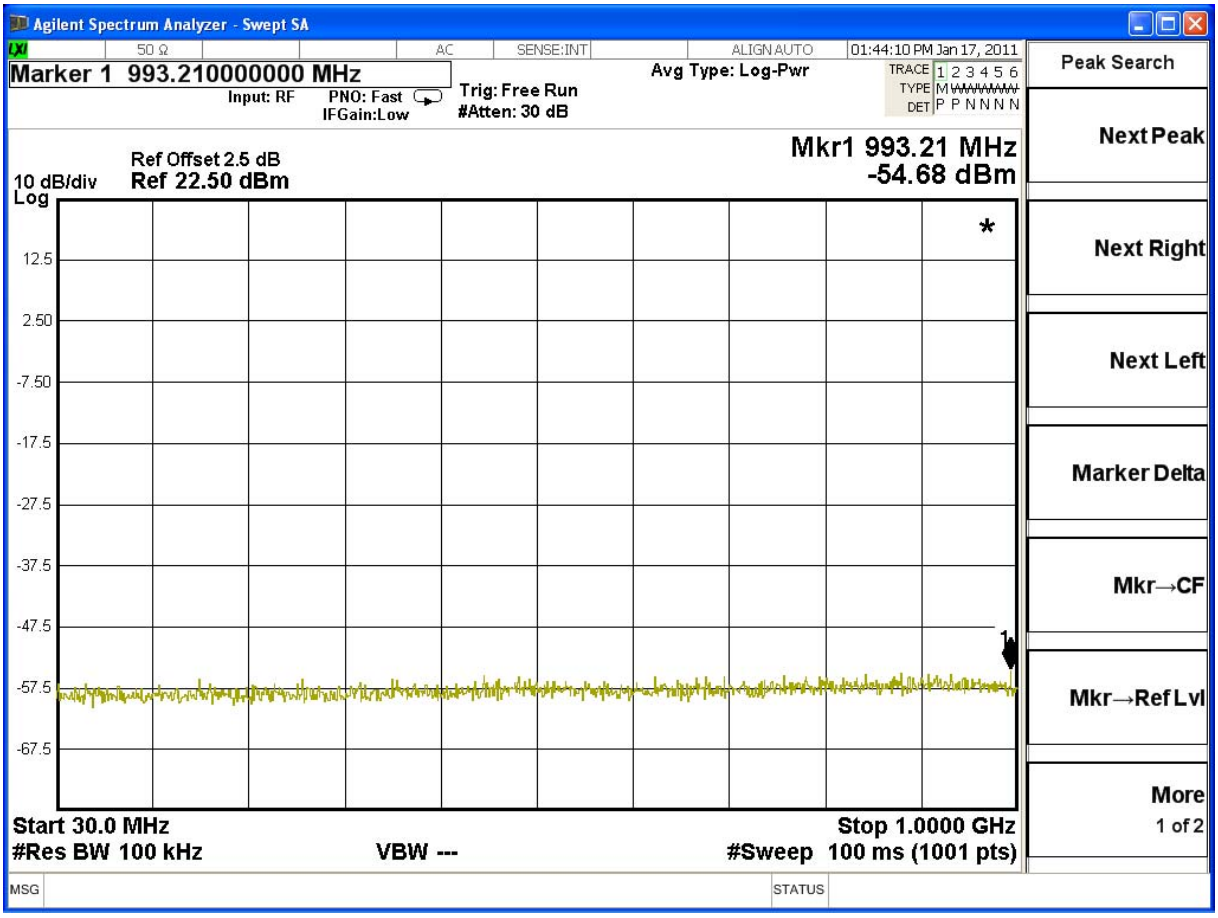
Channel 9 (2452MHz)



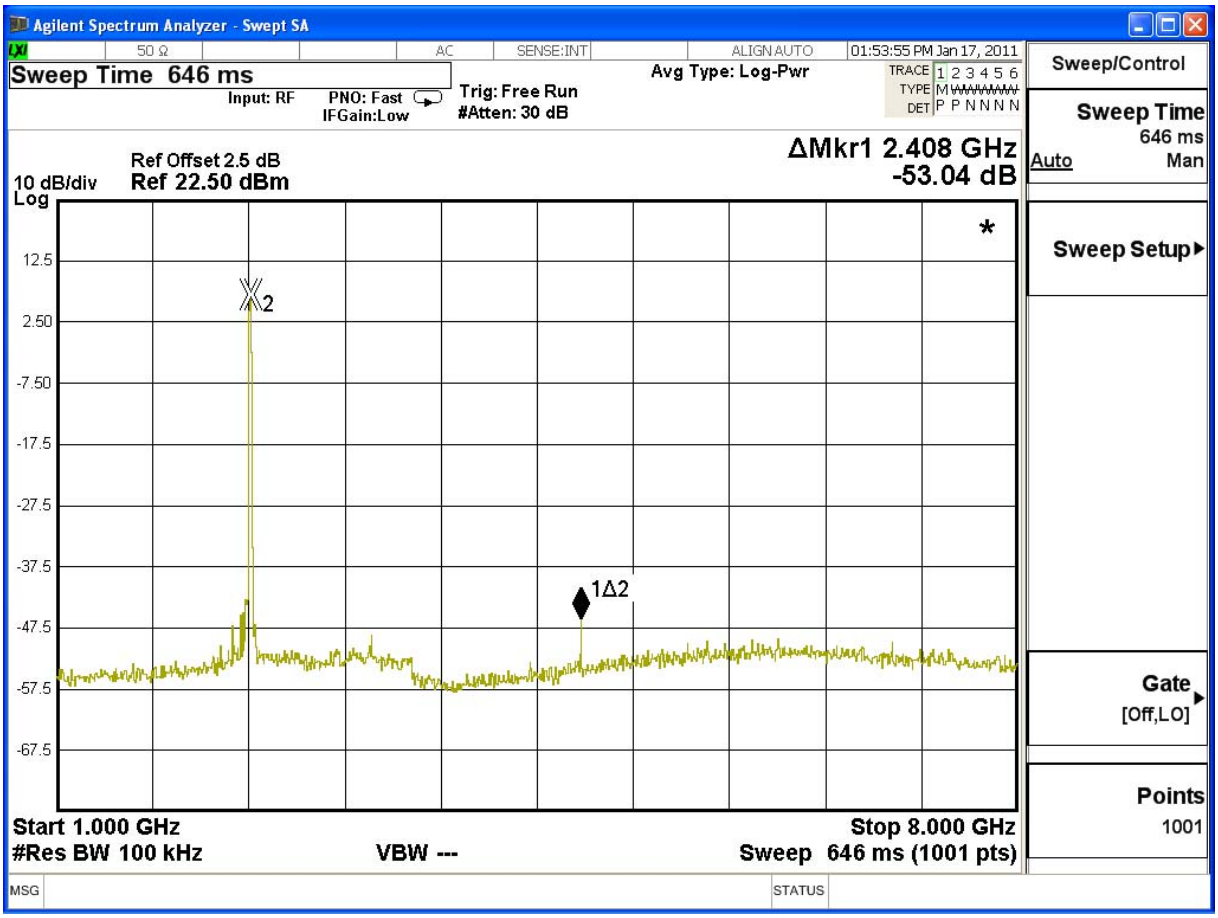
Date: 15.OCT.2010 13:47:08

Product	Wireless N Home Networks Camera		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2011/01/17	Test Site	SR7

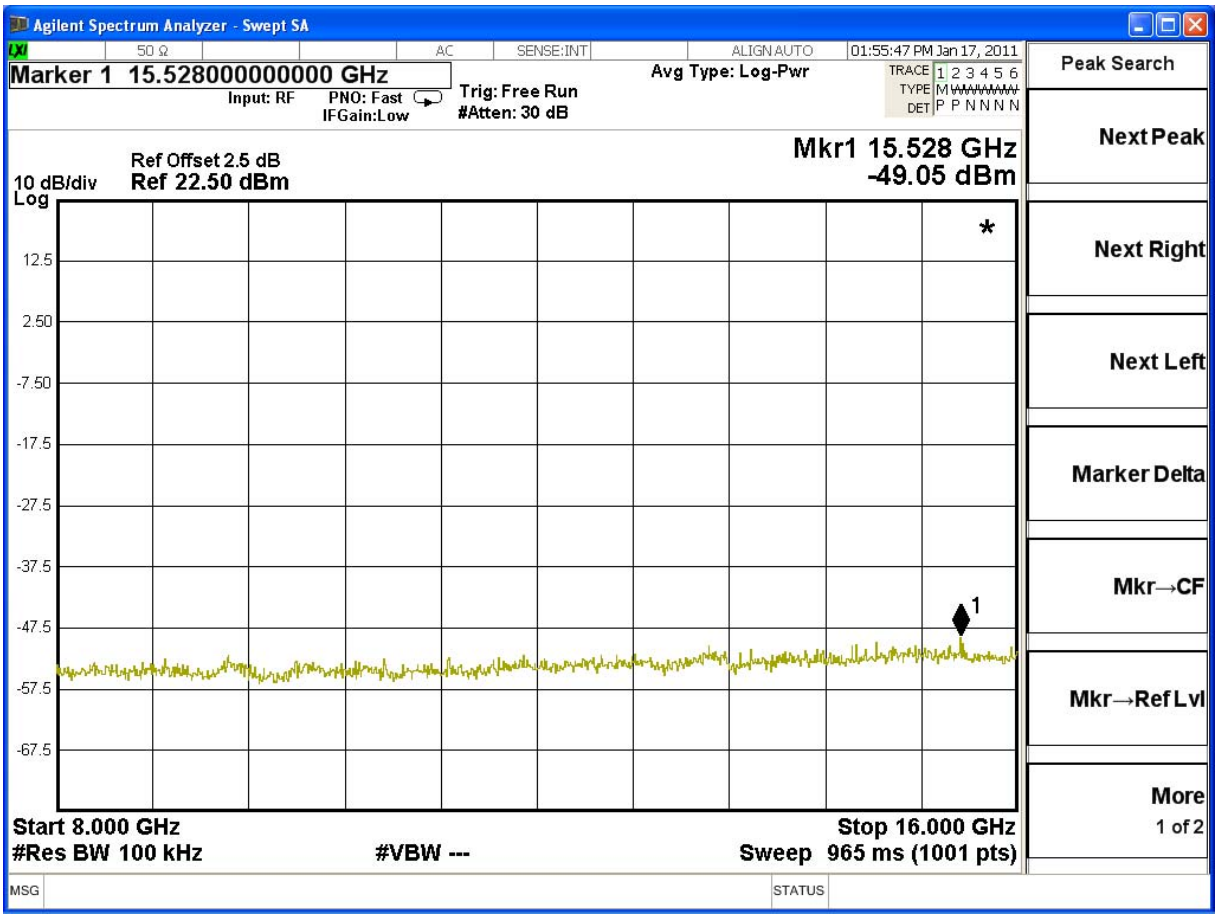
2412MHz (30MHz-1GHz)-B



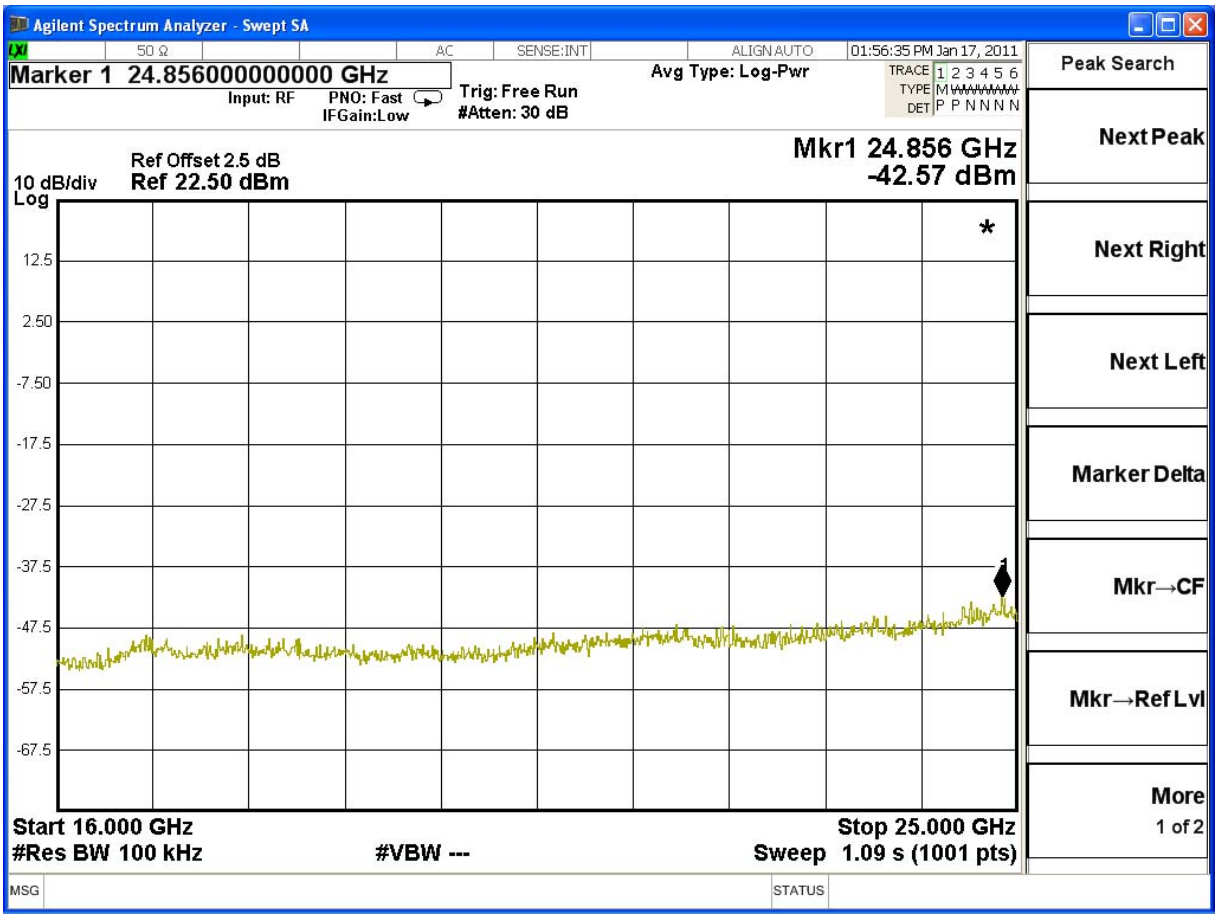
2412MHz (1GHz-8GHz)-B



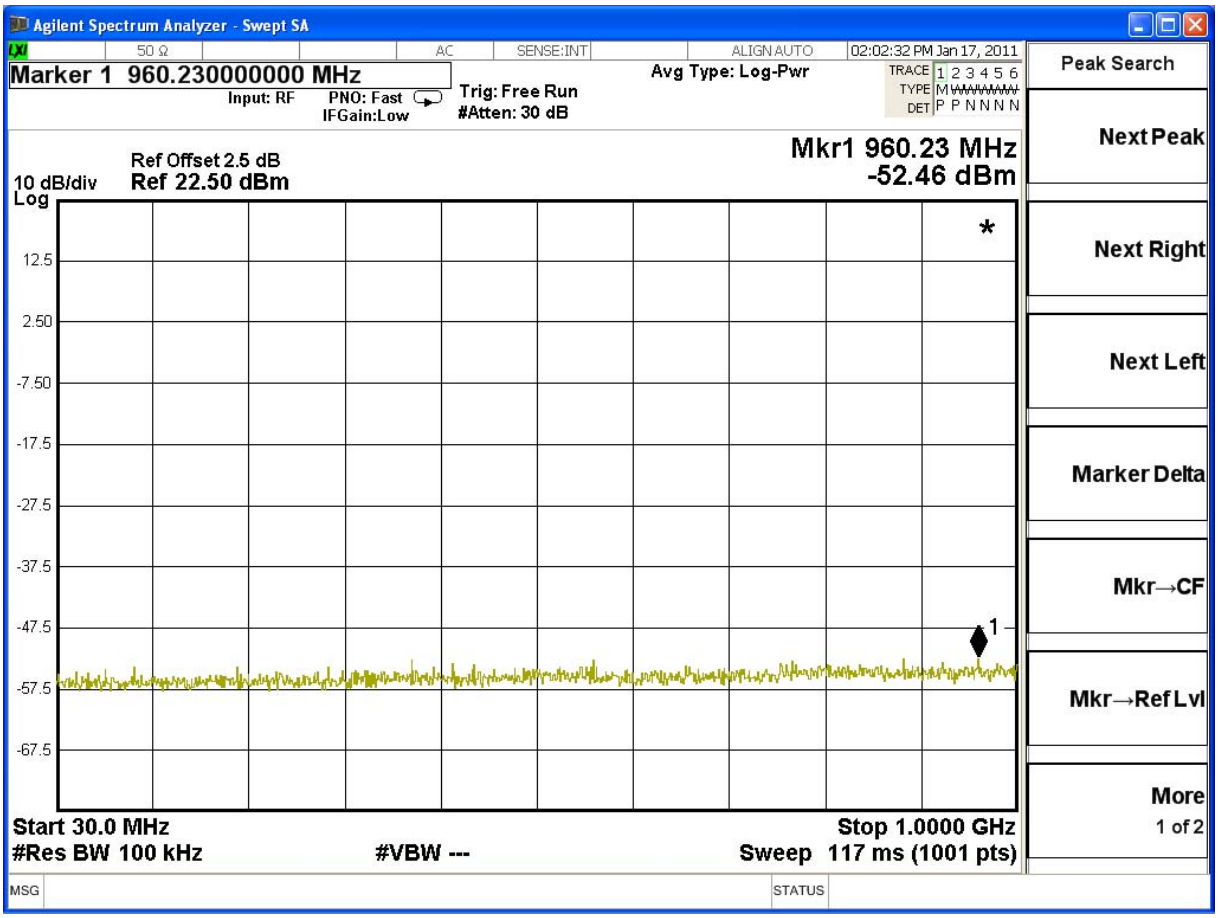
2412MHz (8GHz-16GHz)-B



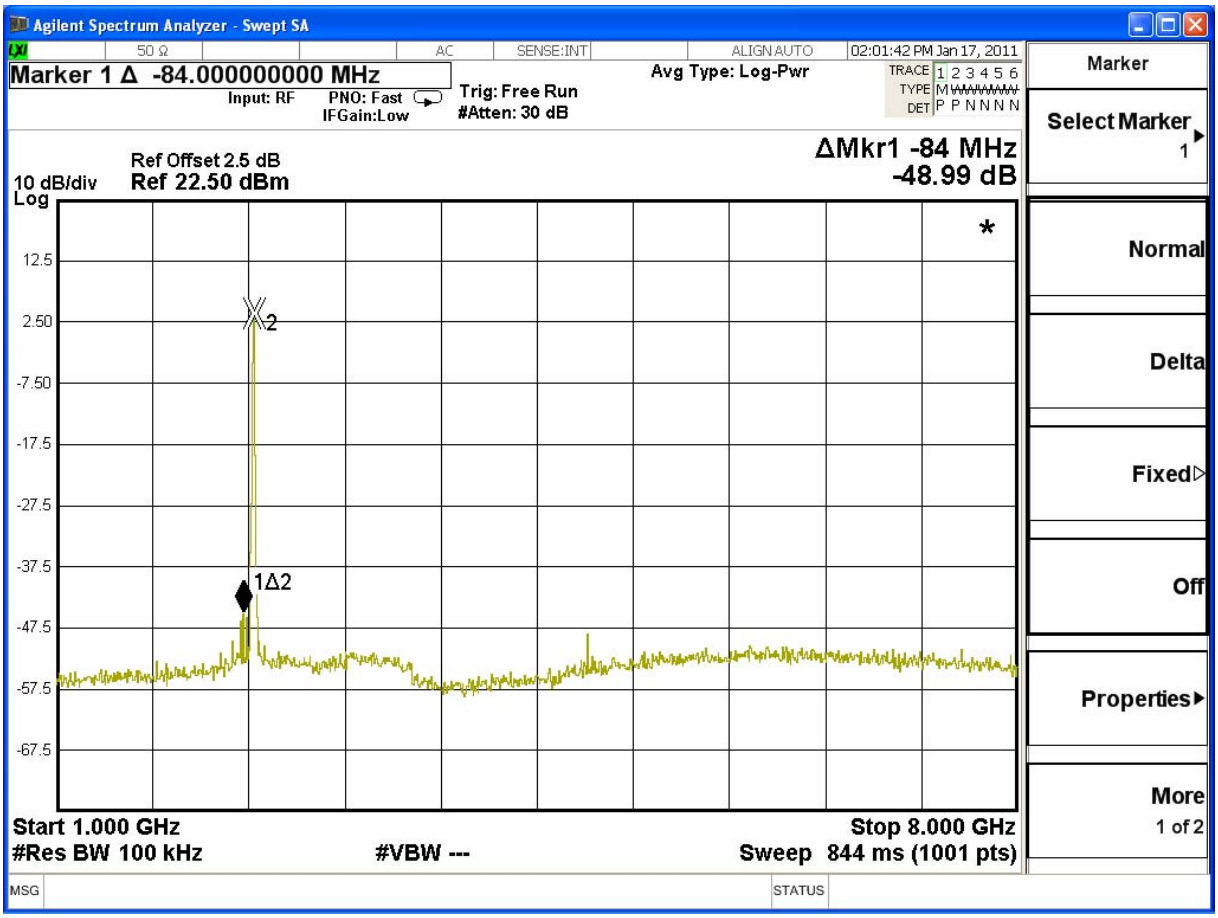
2412MHz (16GHz-25GHz)-B



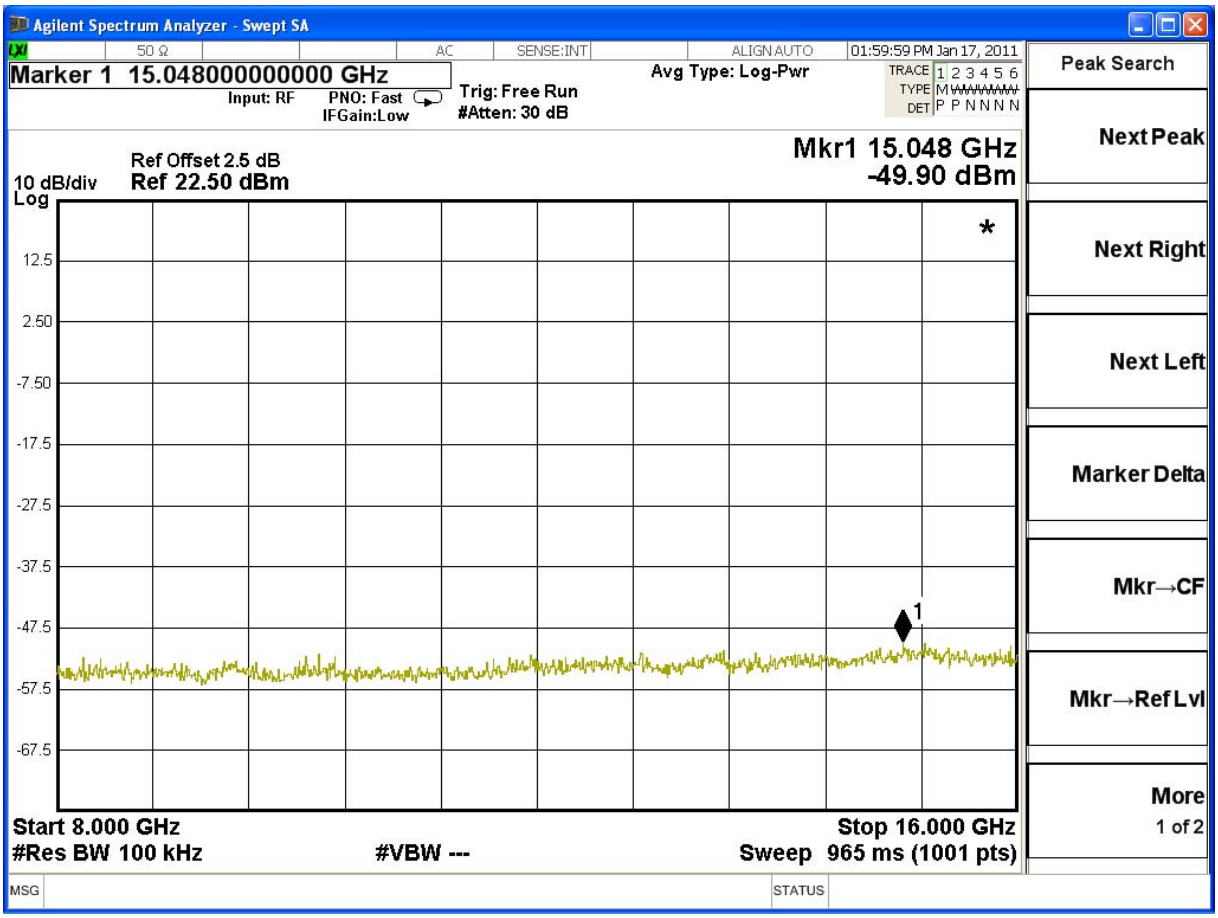
2437MHz (30MHz-1GHz)-B



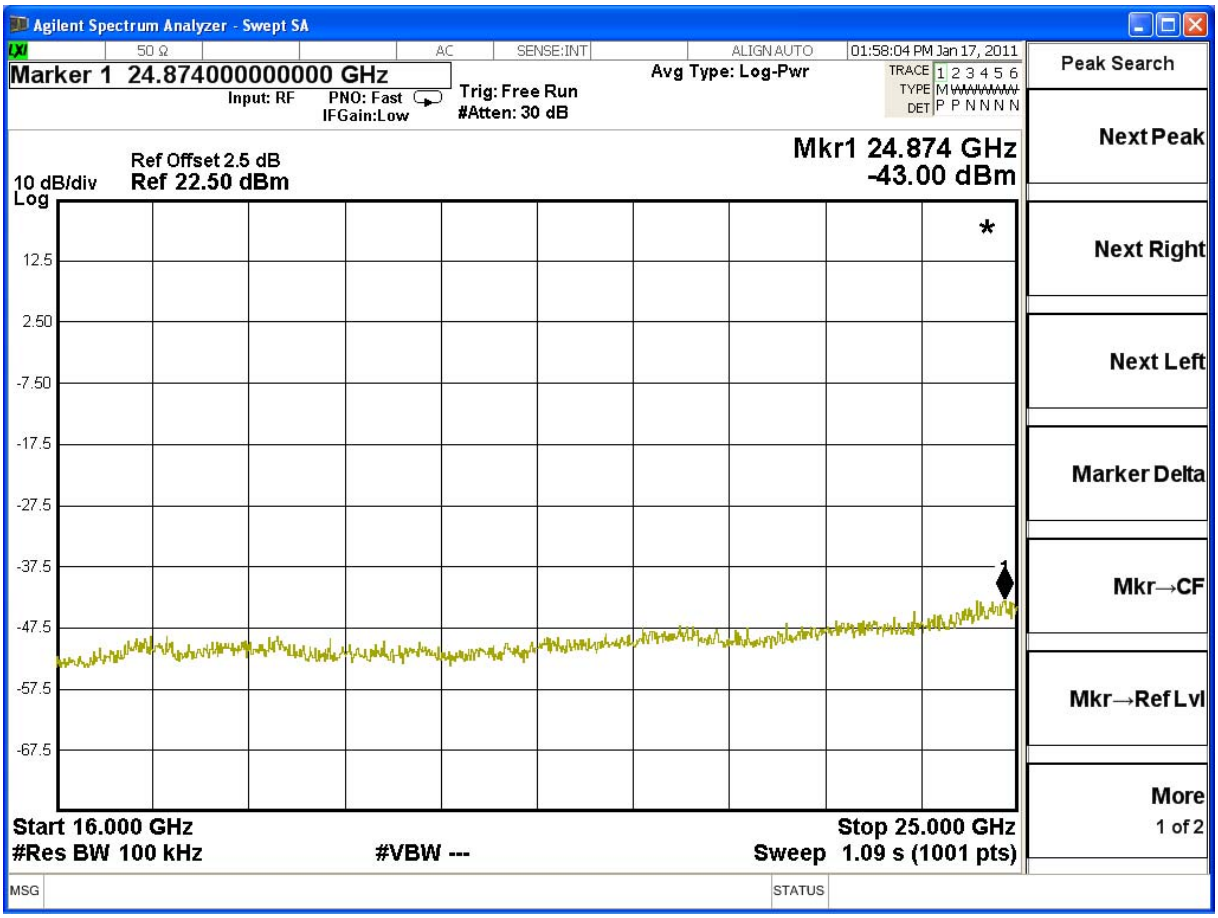
2437MHz (1GHz-8GHz)-B



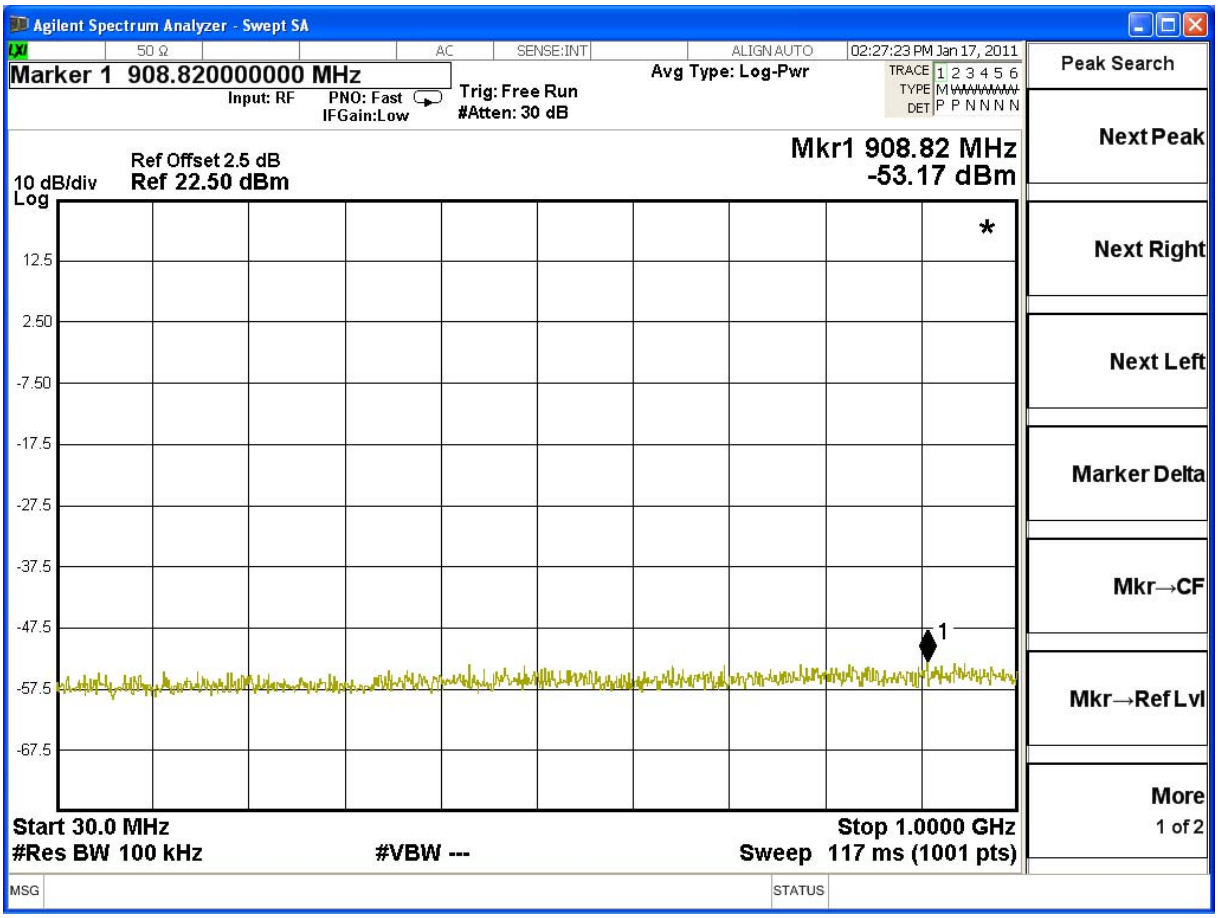
2437MHz (8GHz-16GHz)-B



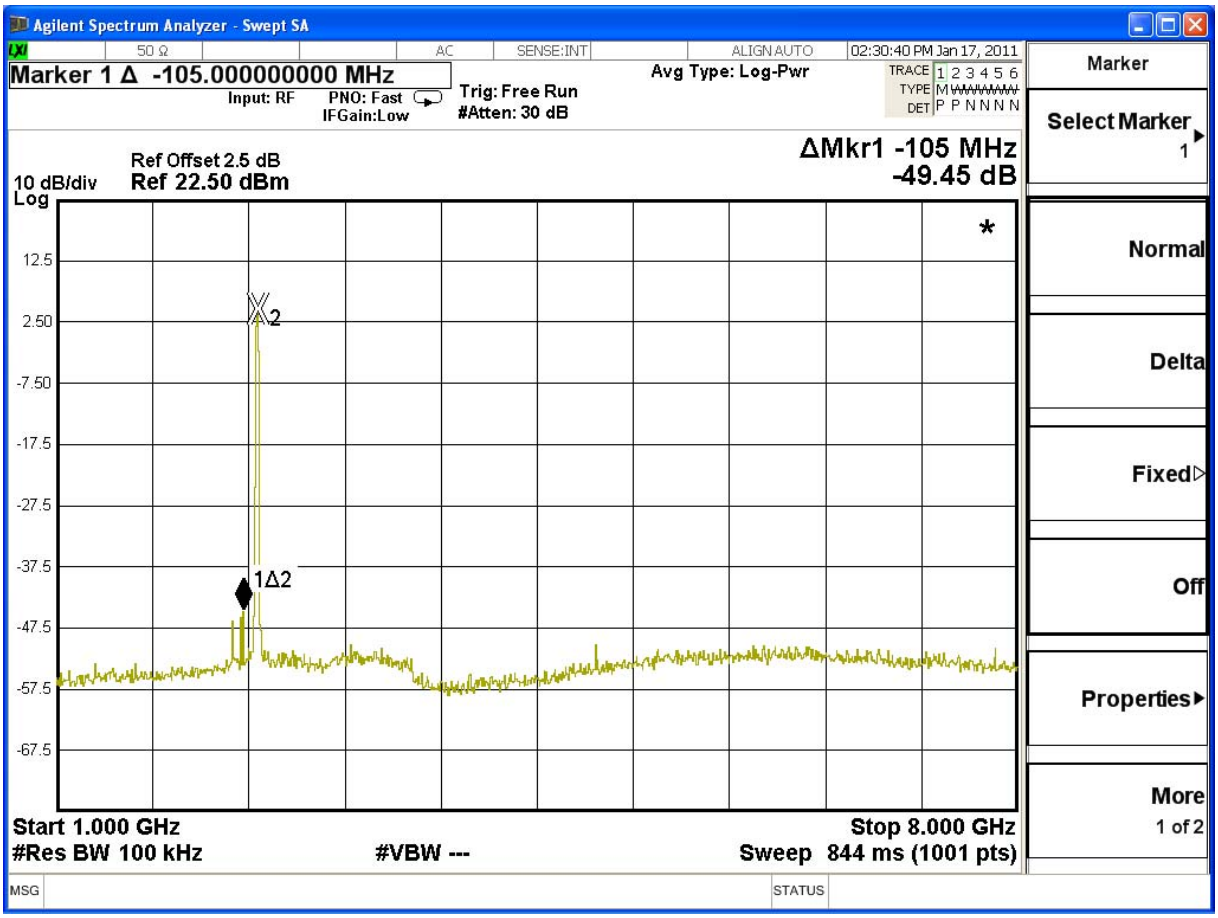
2437MHz (16GHz-25GHz)-B



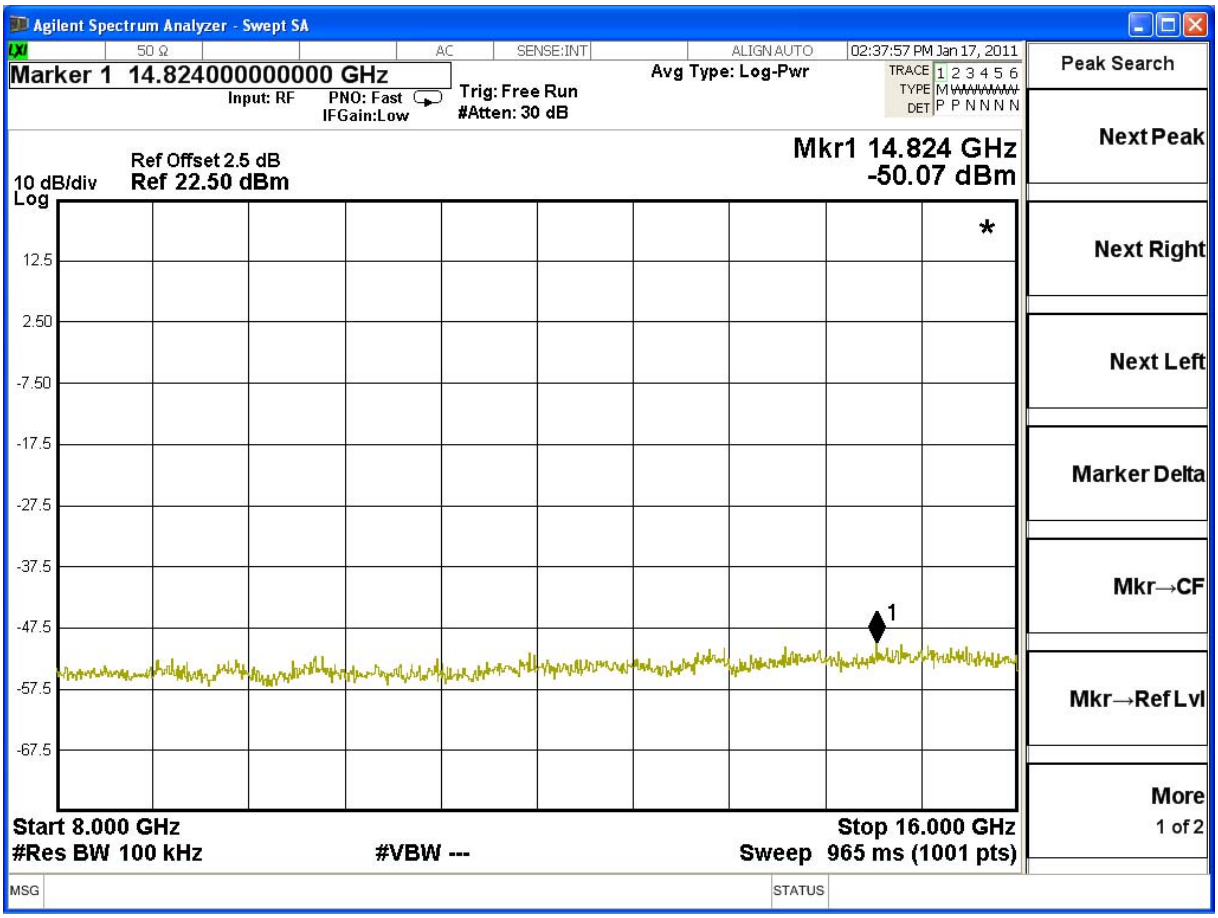
2462MHz (30MHz-1GHz)-B



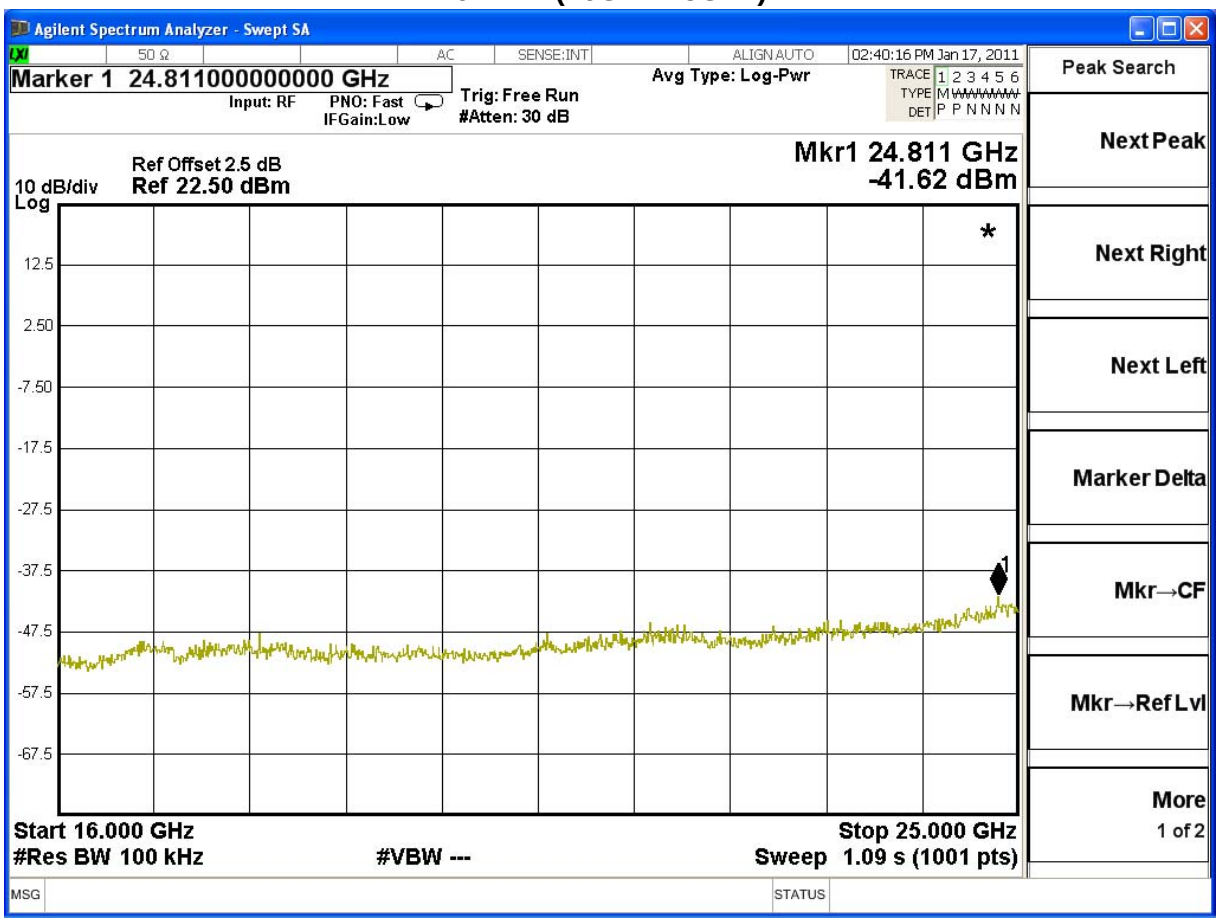
2462MHz (1GHz-8GHz)-B



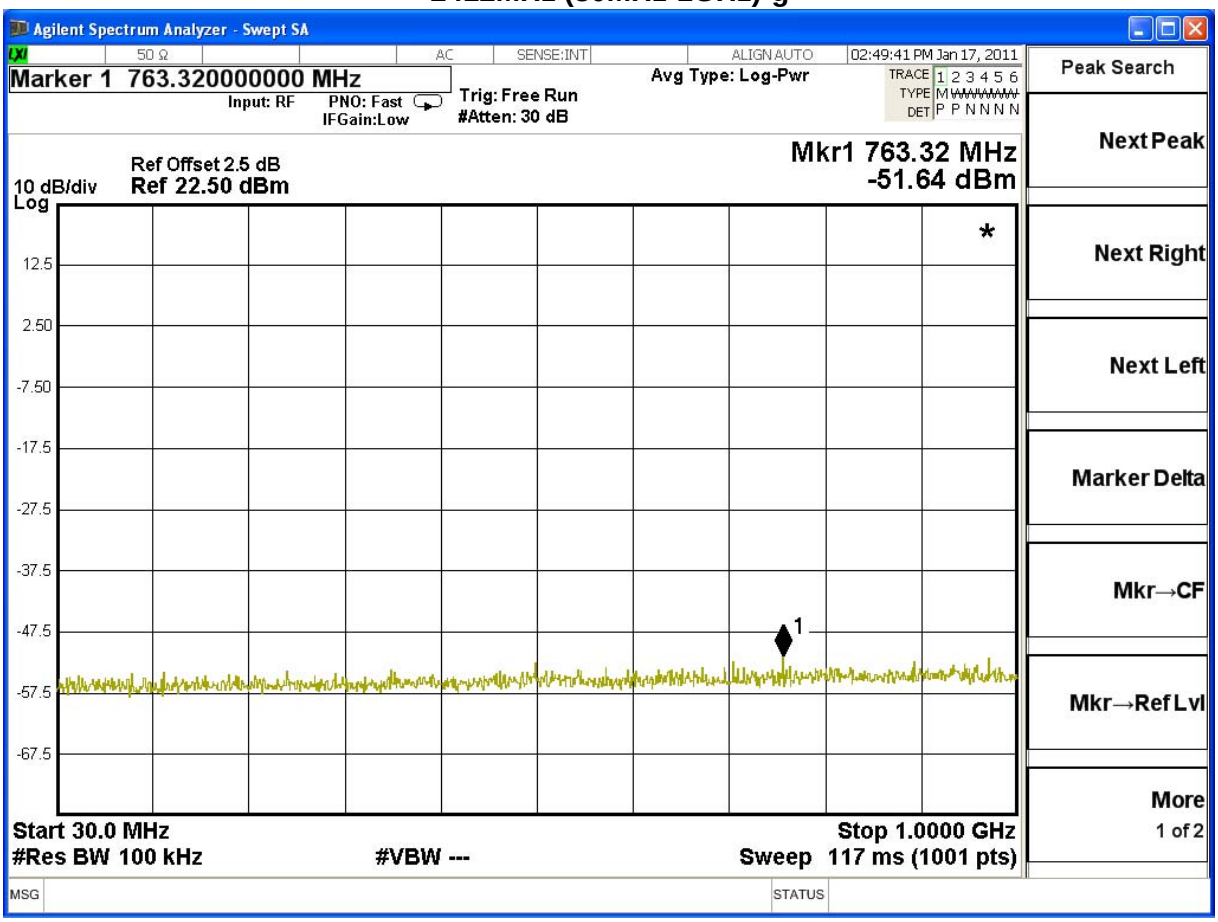
2462MHz (8GHz-16GHz)-B



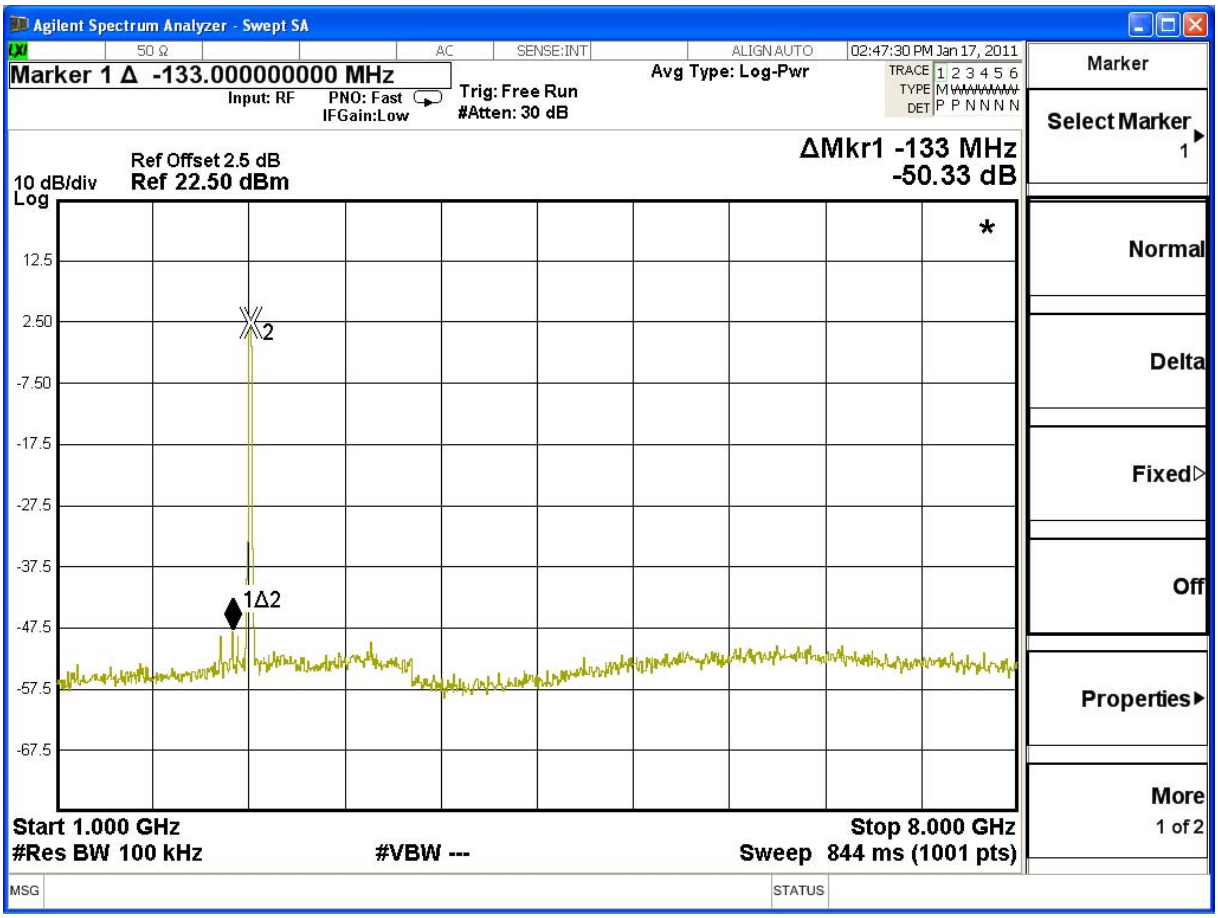
2462MHz (16GHz-25GHz)-B



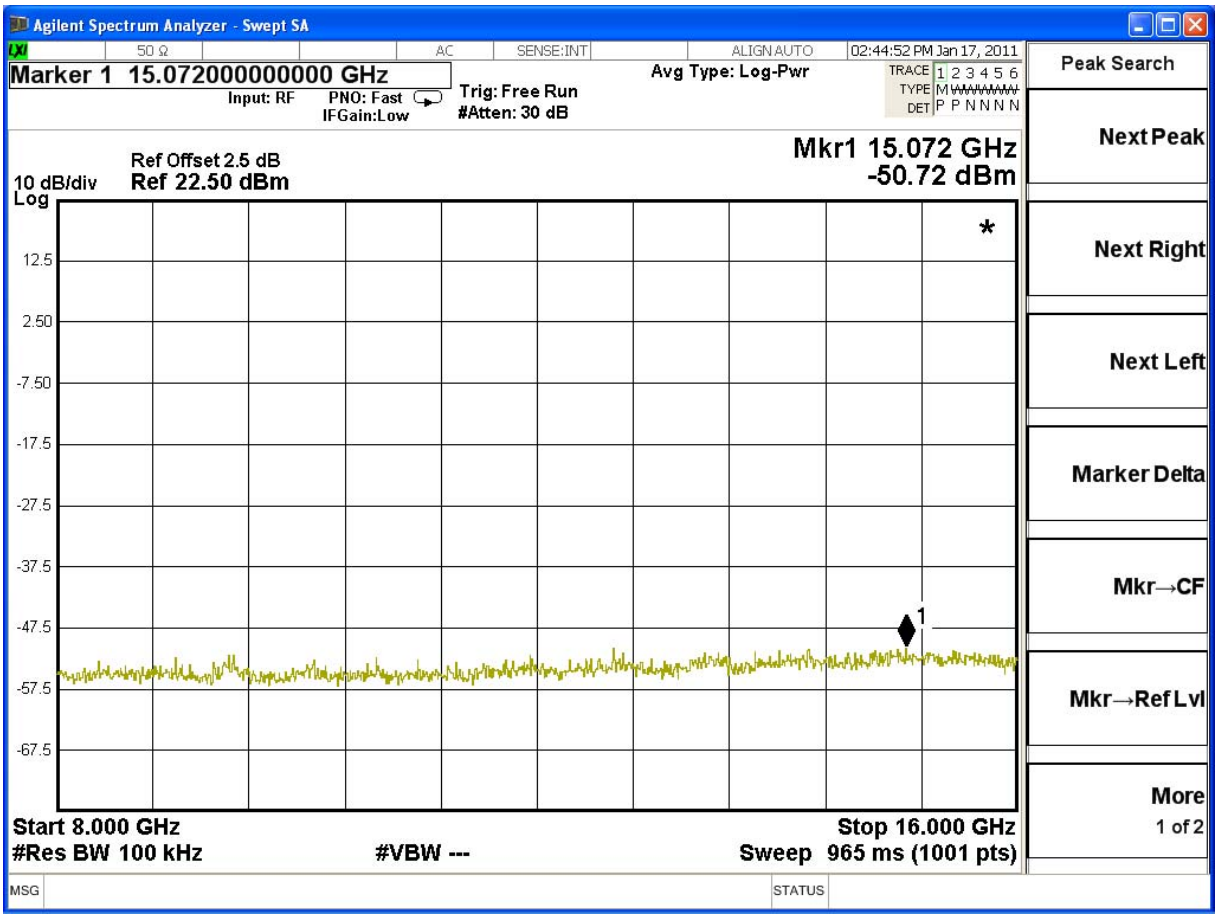
2412MHz (30MHz-1GHz)-g



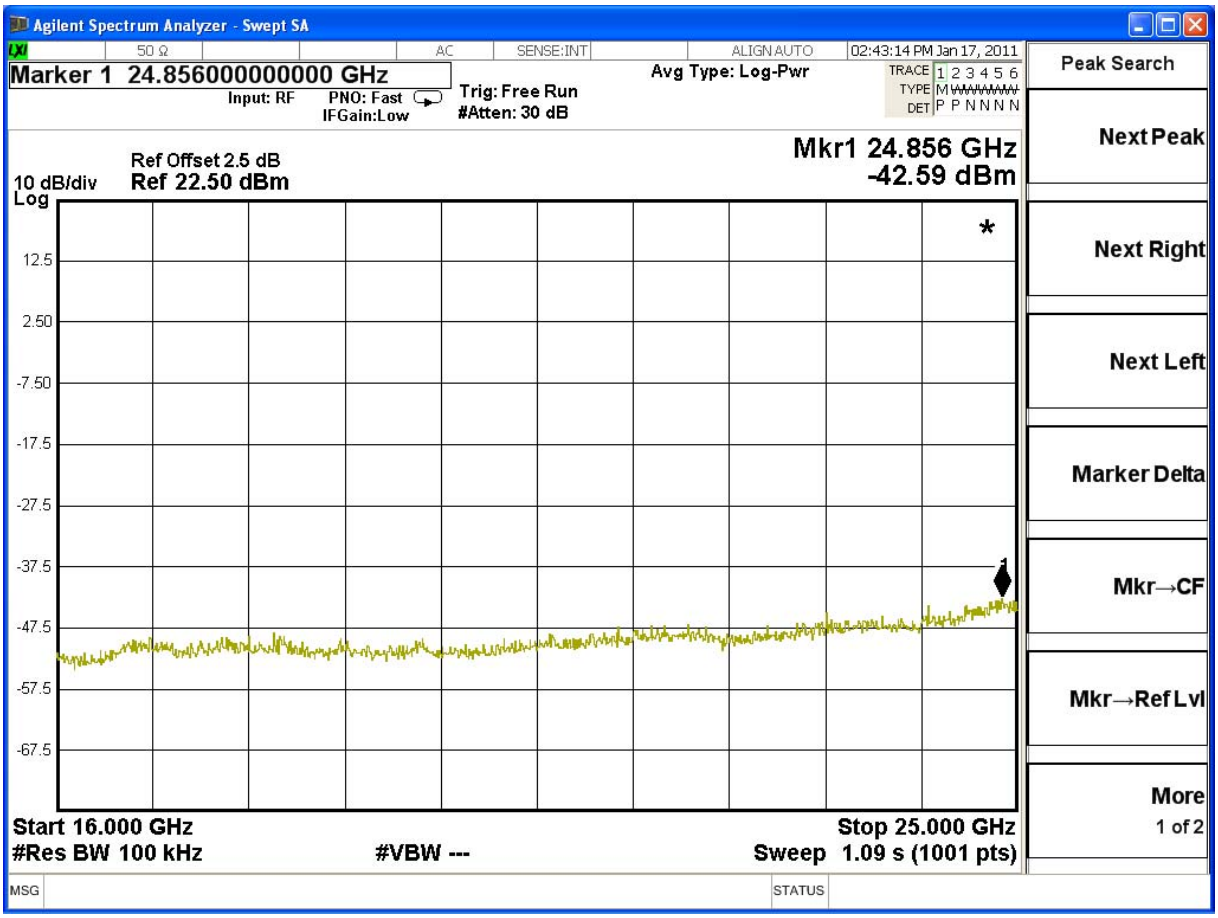
2412MHz (1GHz-8GHz)-g



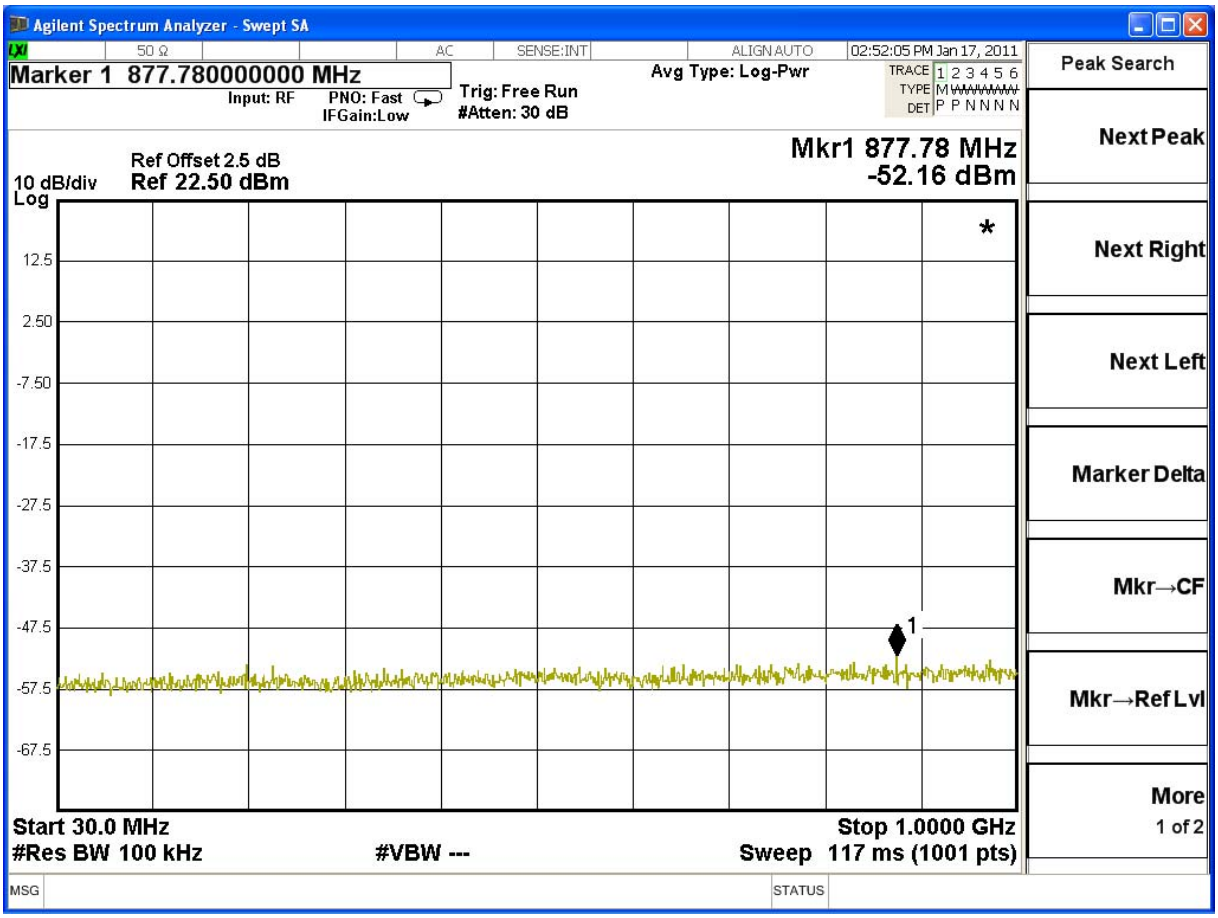
2412MHz (8GHz-16GHz)-g



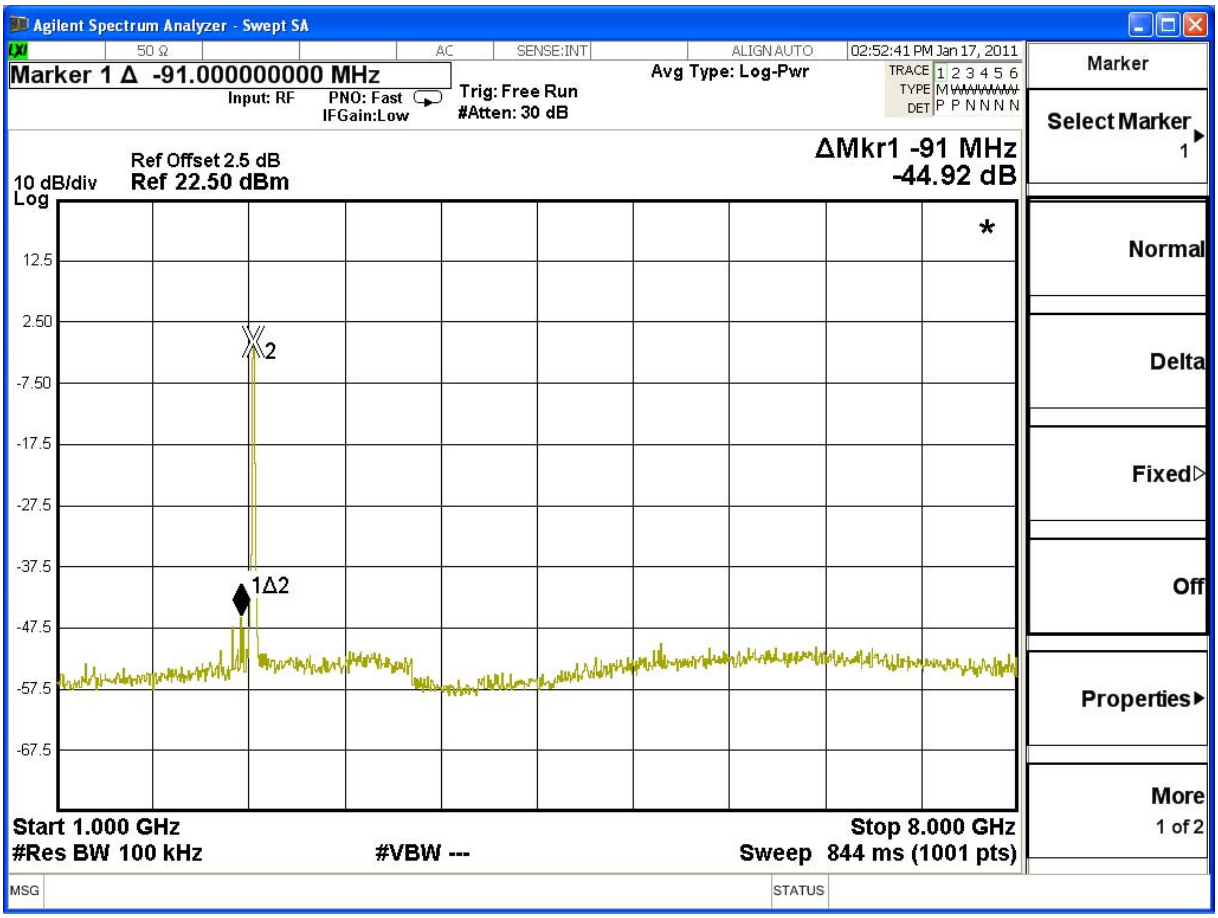
2412MHz (16GHz-25GHz)-g



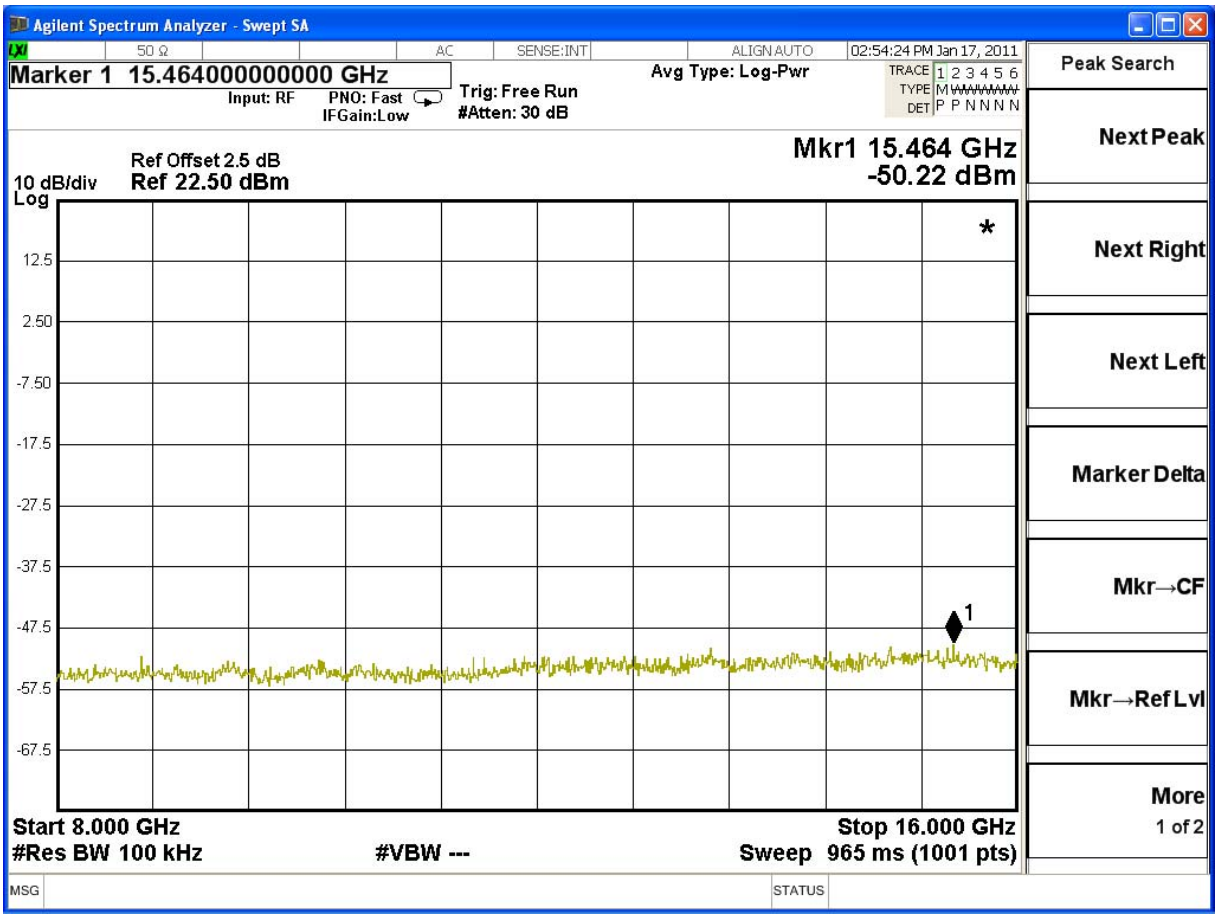
2437MHz (30MHz-1GHz)-g



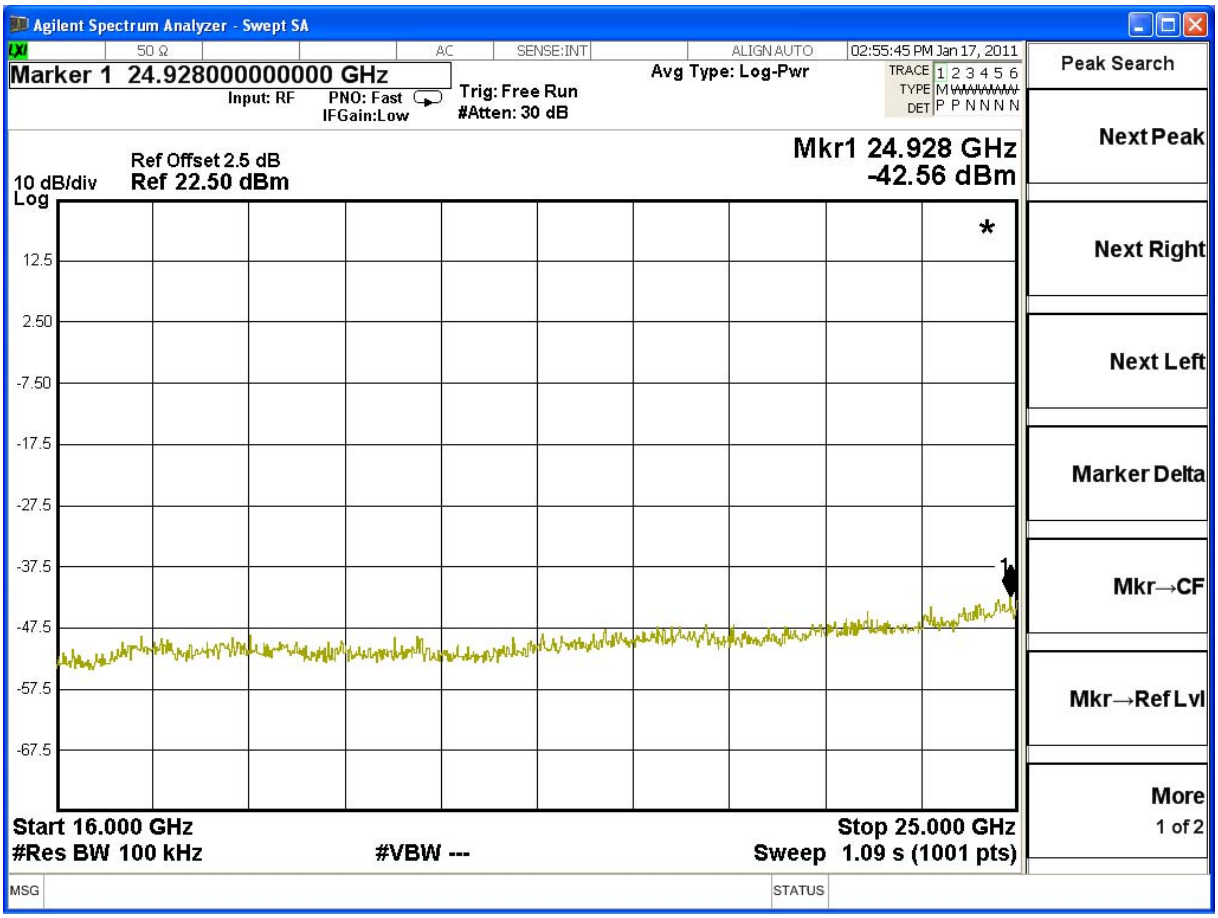
2437MHz (1GHz-8GHz)-g



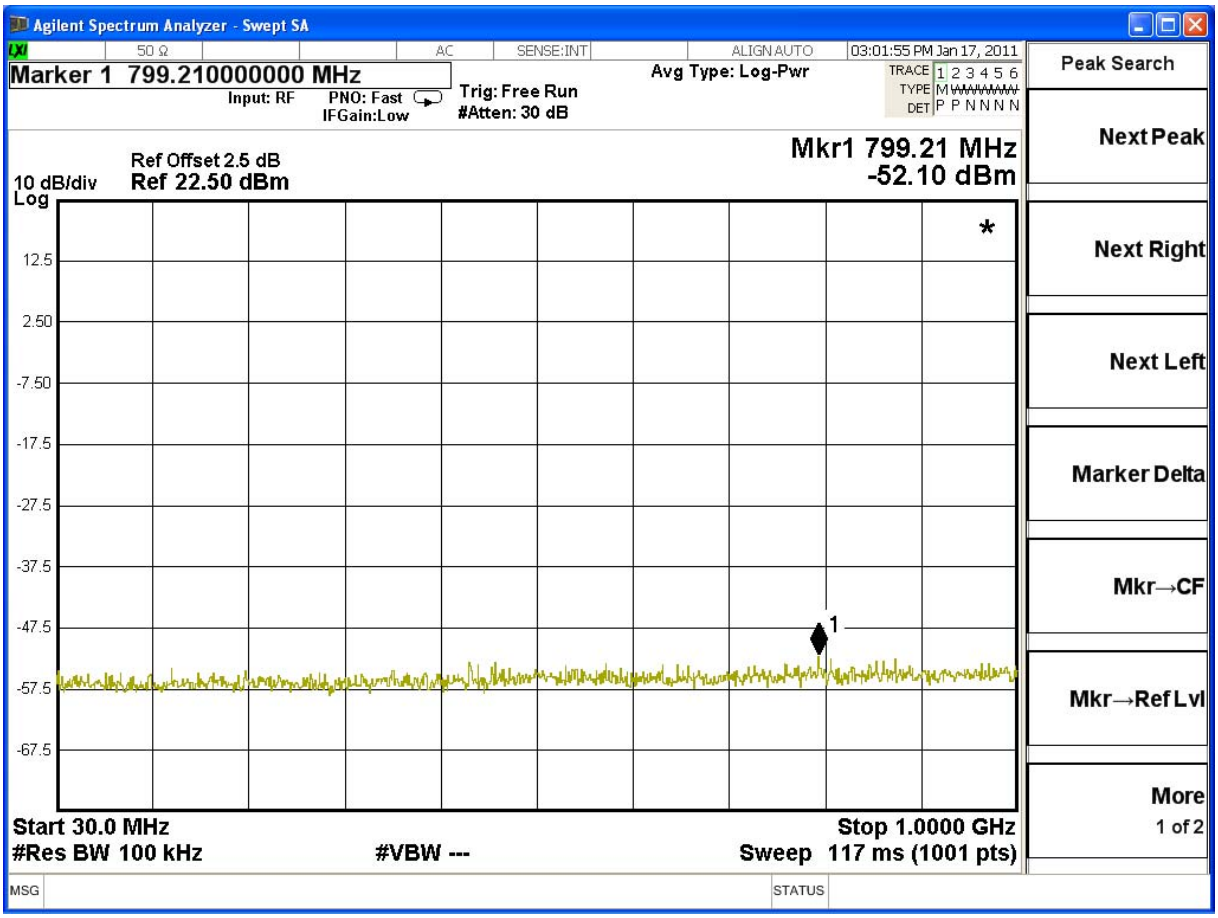
2437MHz (8GHz-16GHz)-g



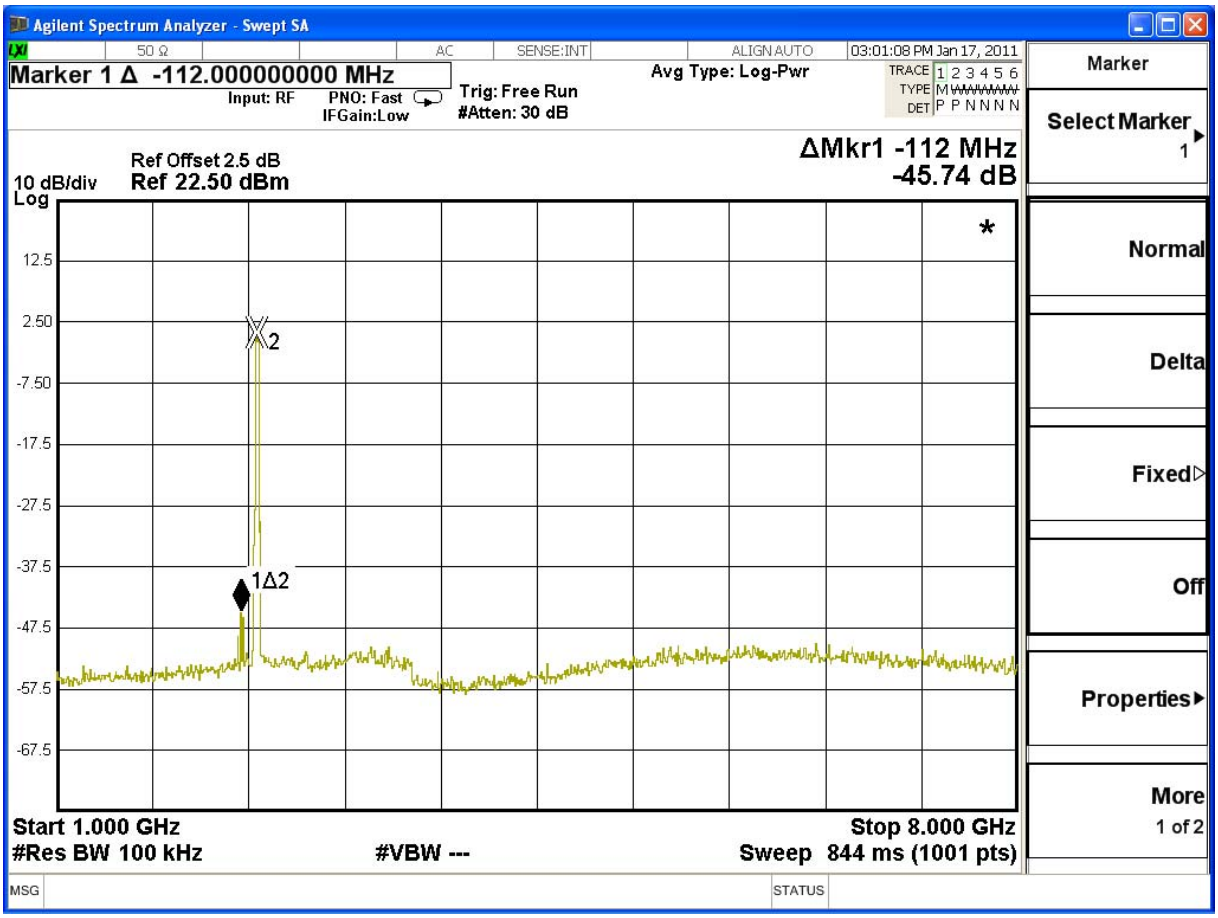
2437MHz (16GHz-25GHz)-g



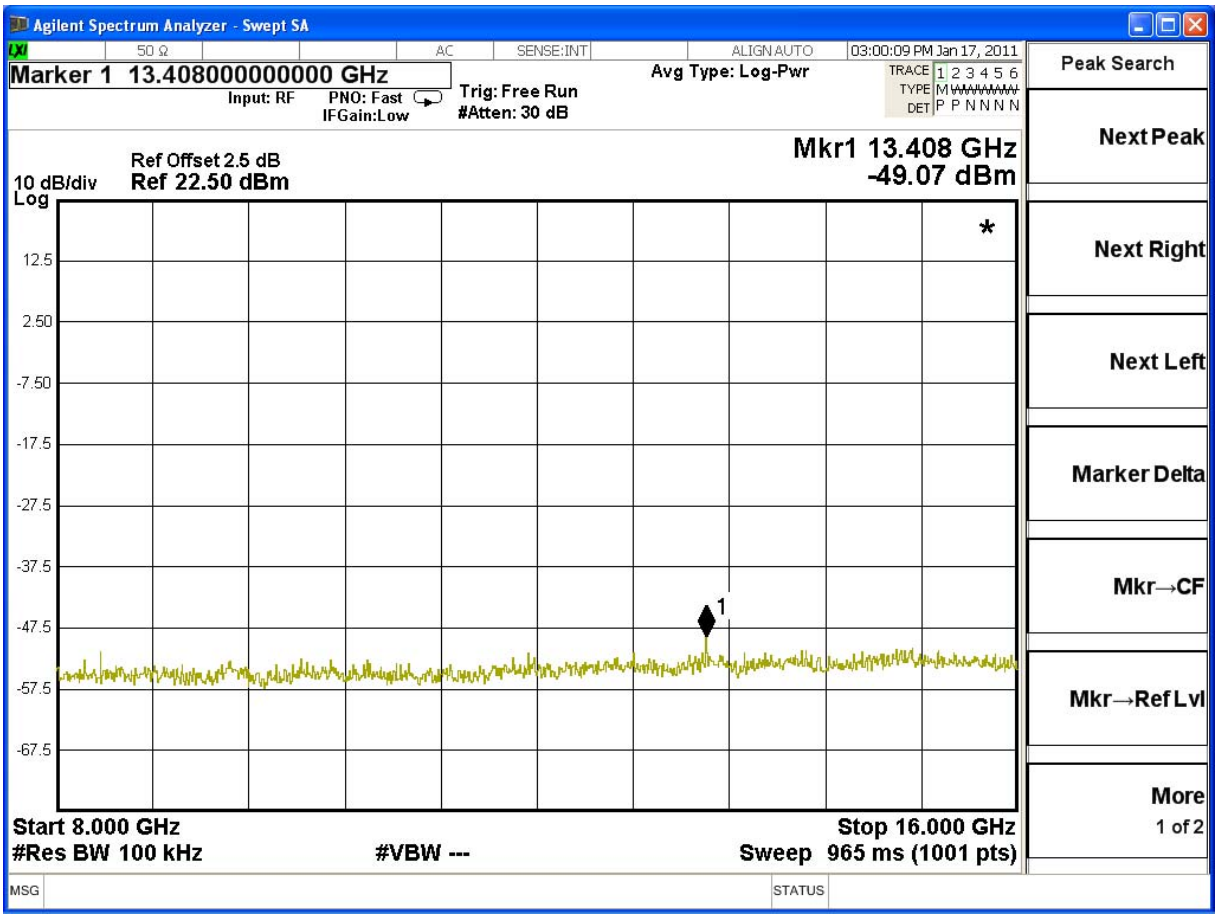
2462MHz (30MHz-1GHz)-g



2462MHz (1GHz-8GHz)-g



2462MHz (8GHz-16GHz)-g



2462MHz (16GHz-25GHz)-g