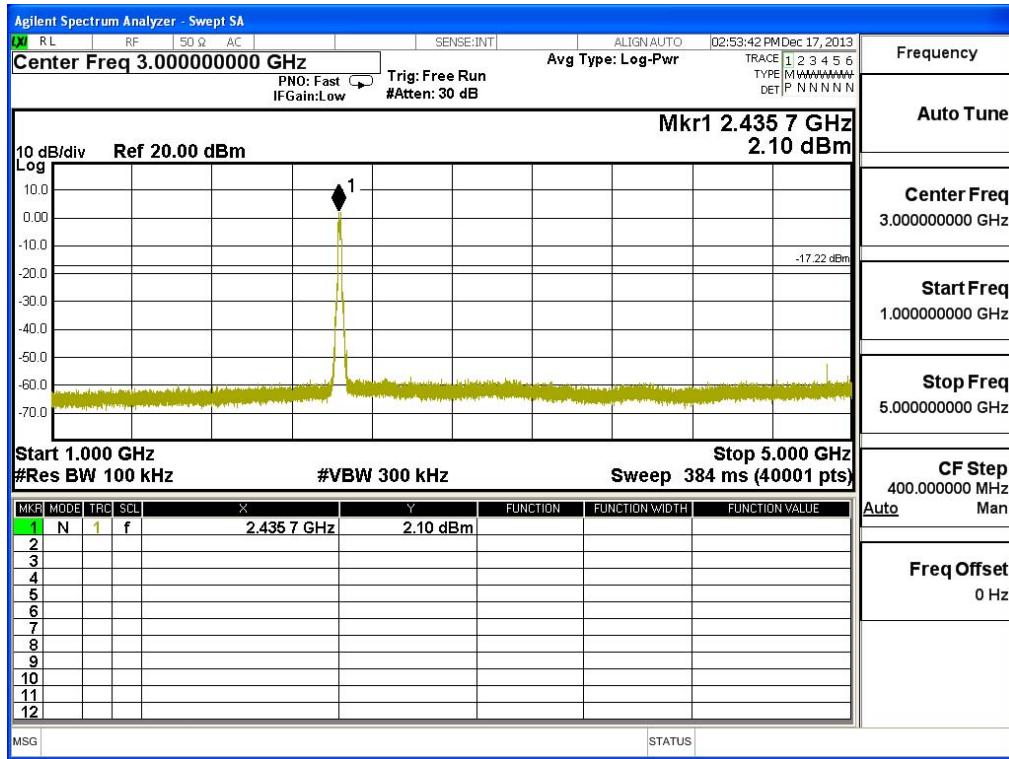
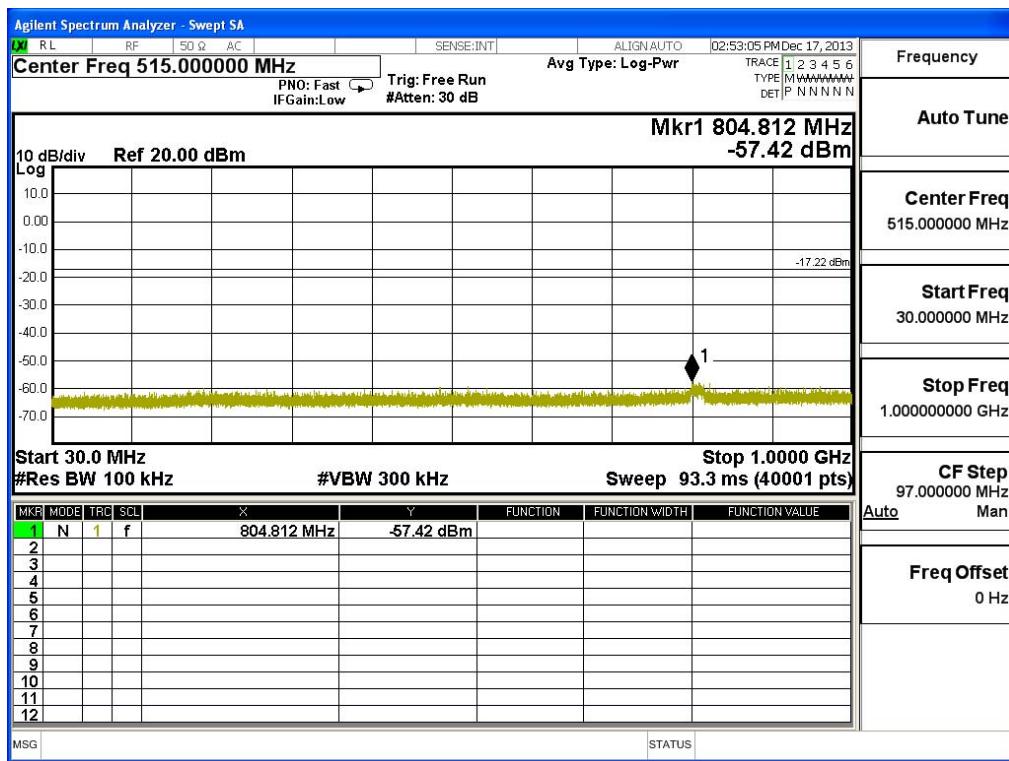
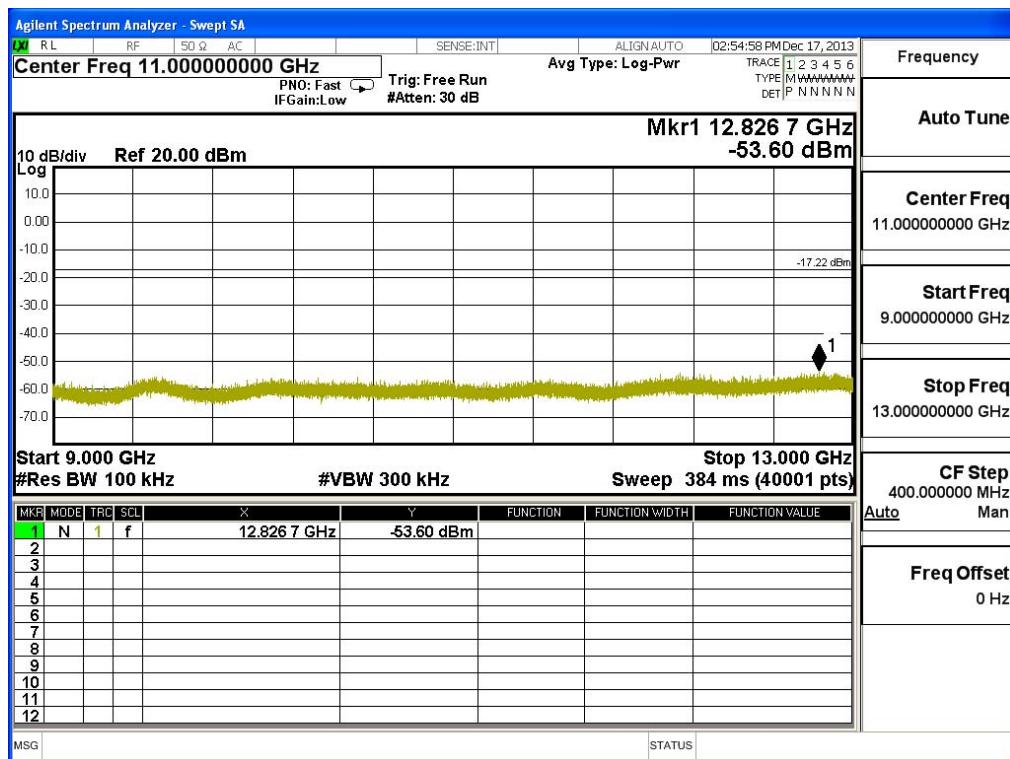
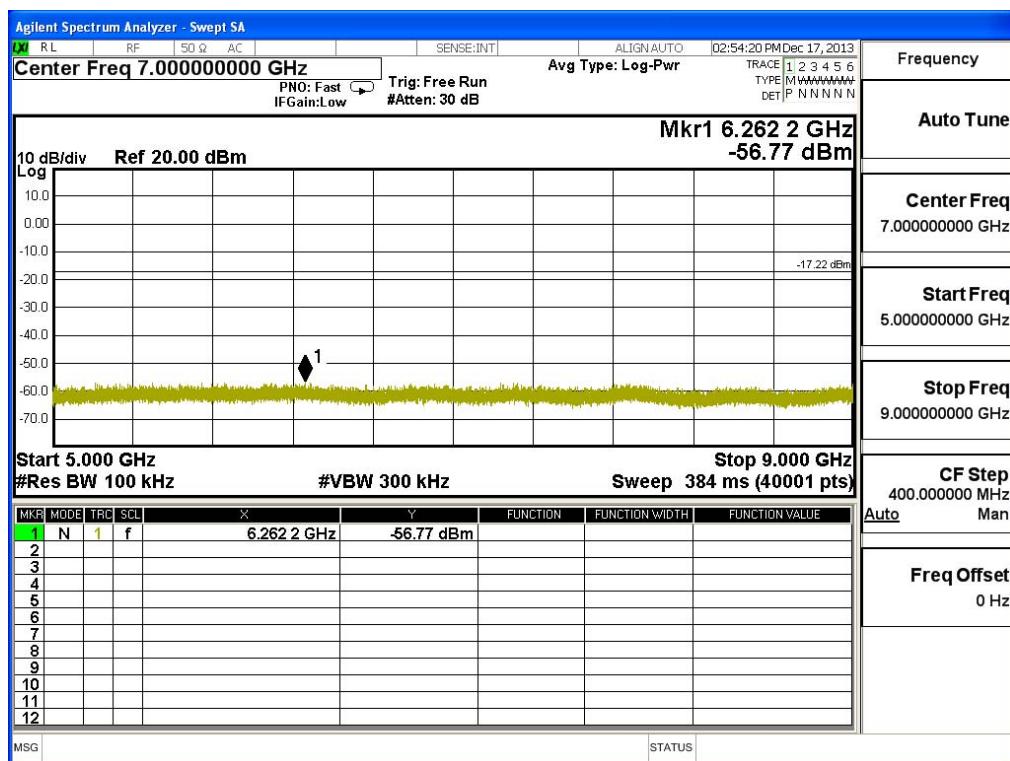
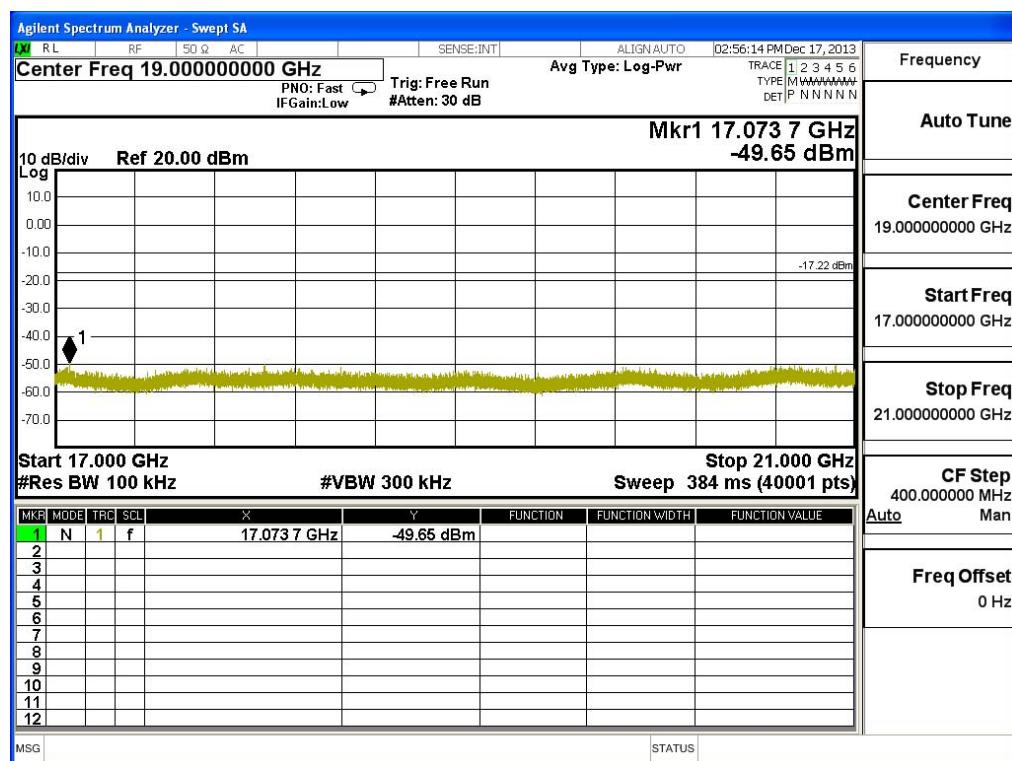
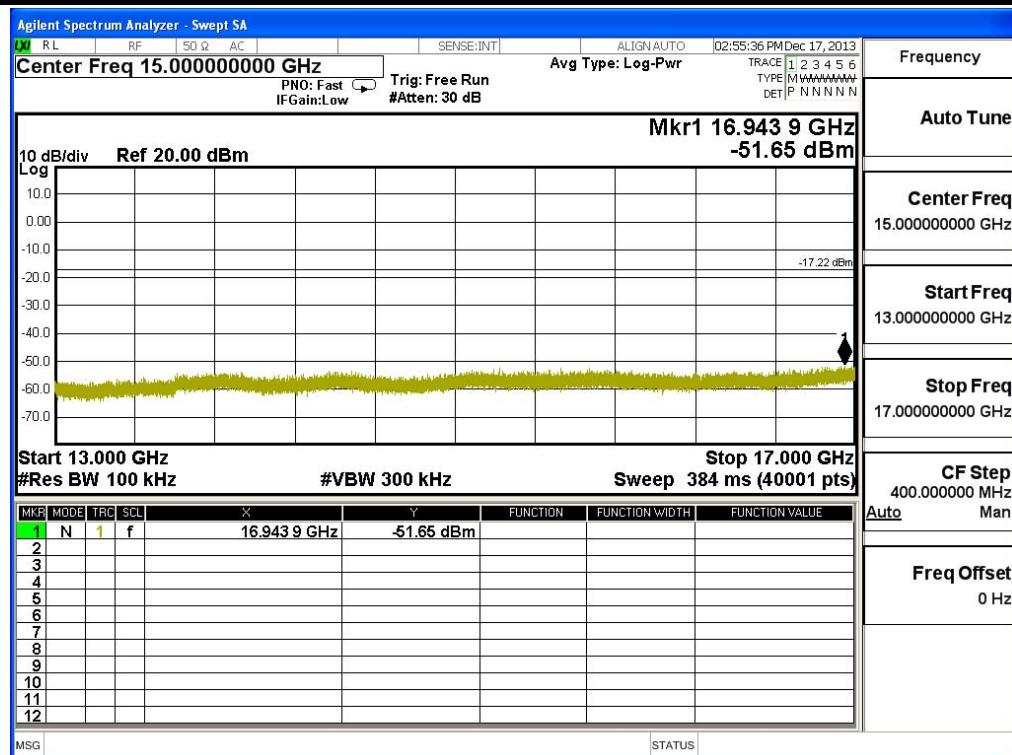
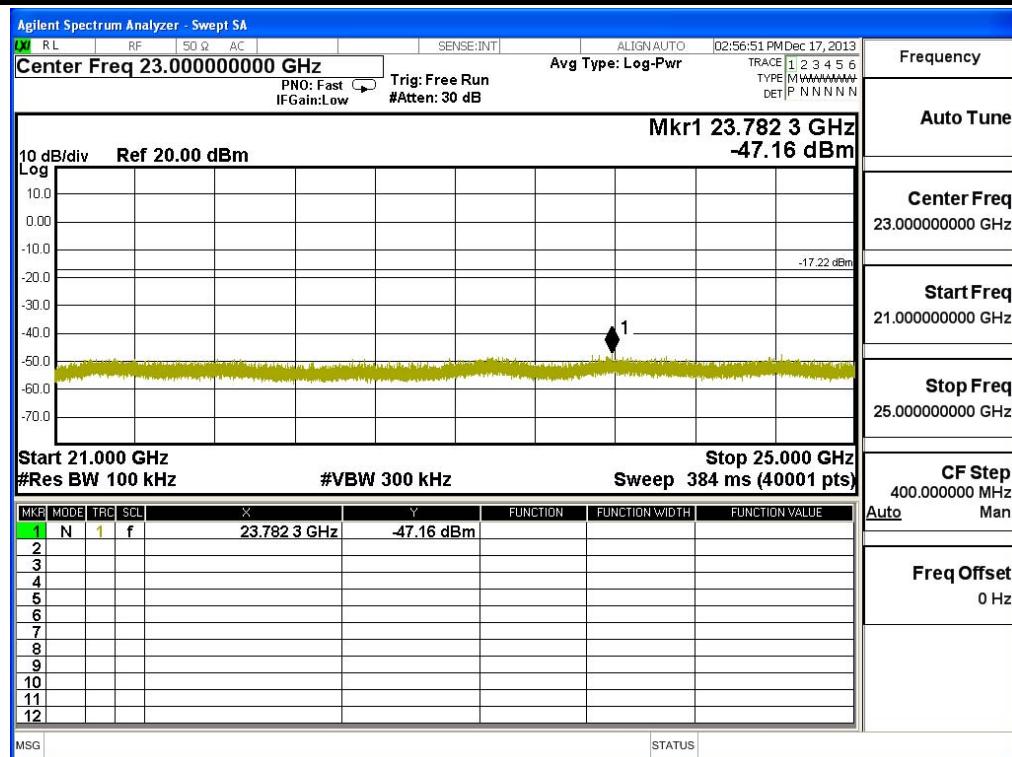


### Channel 06 (2437MHz)

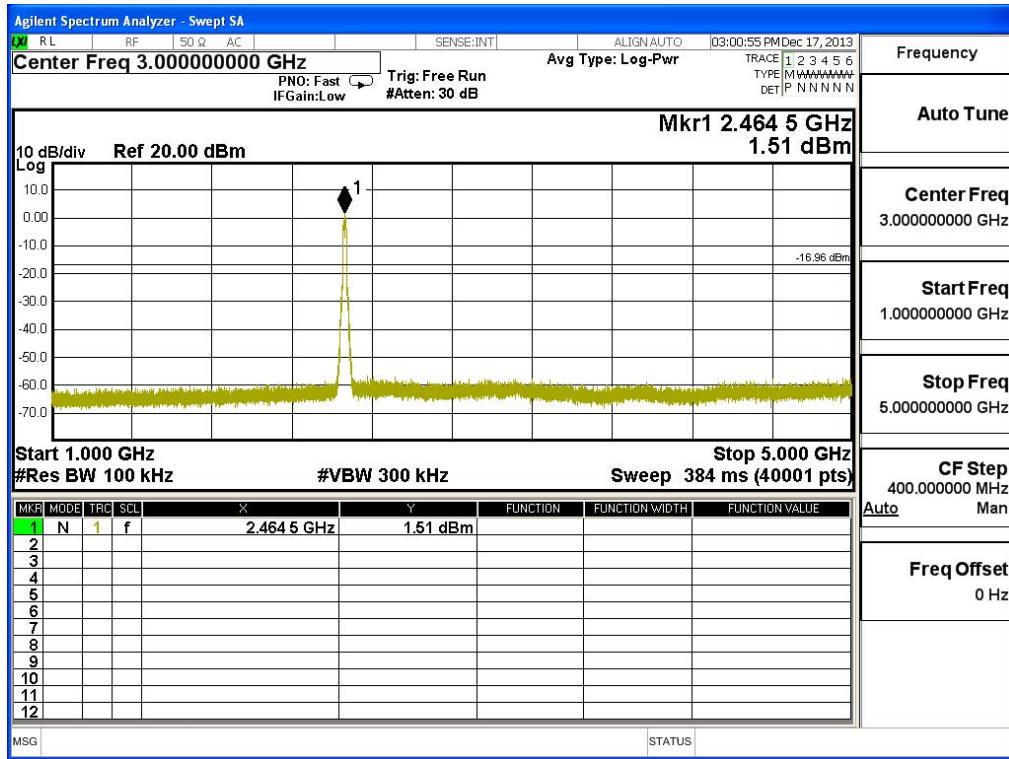
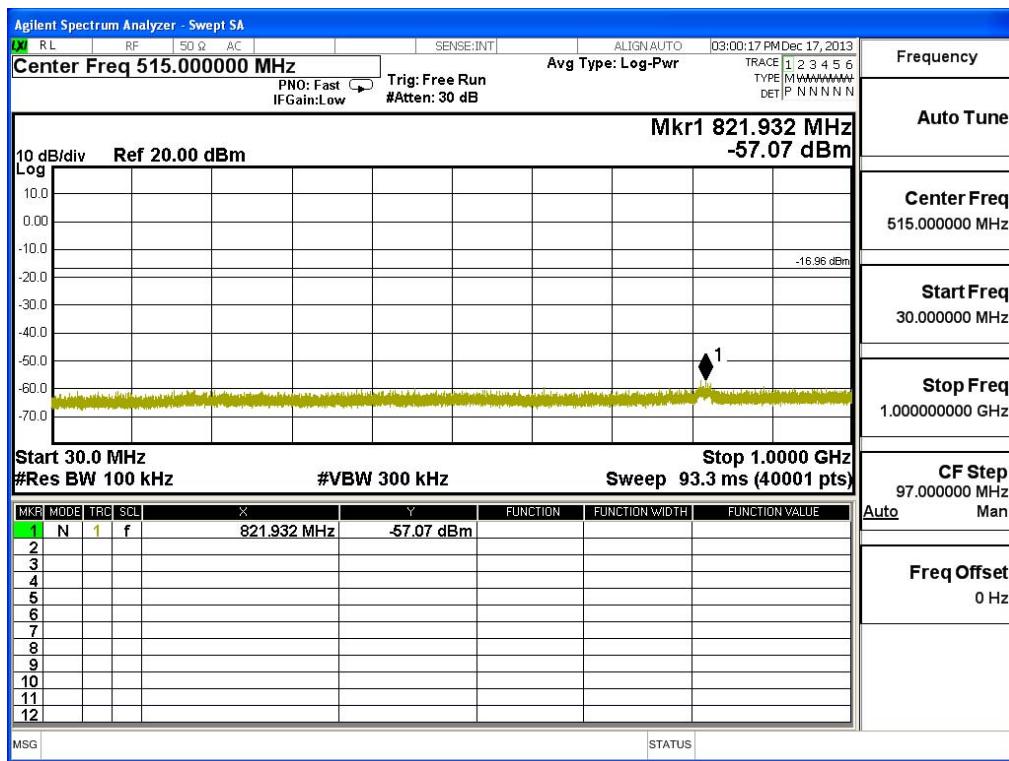


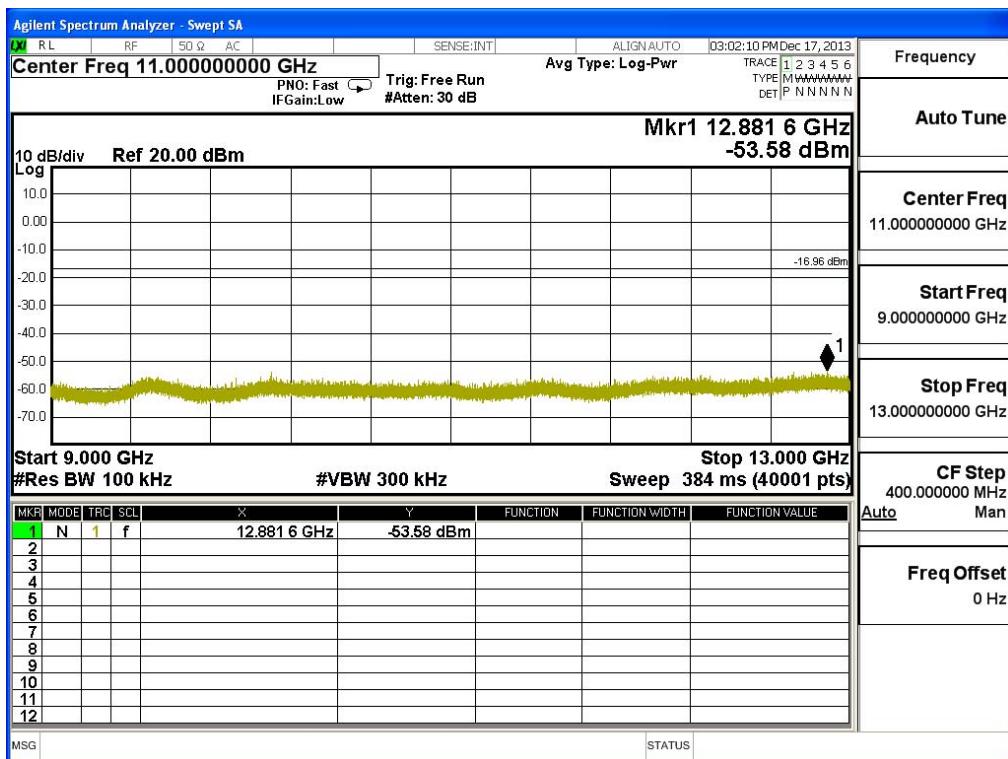
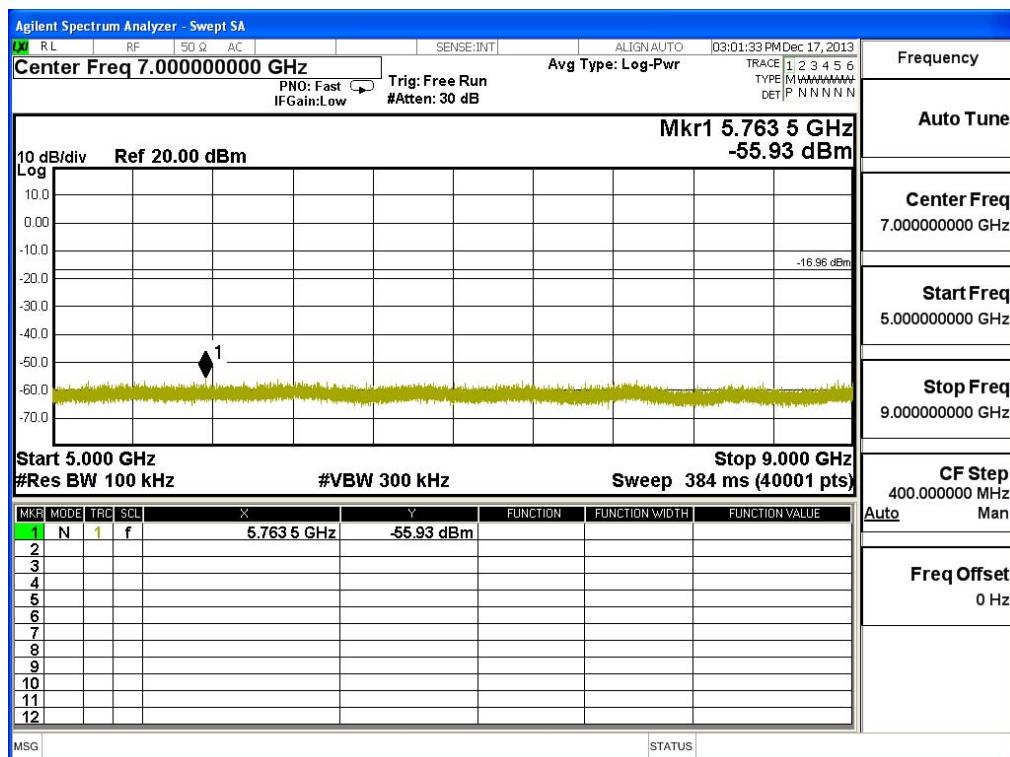


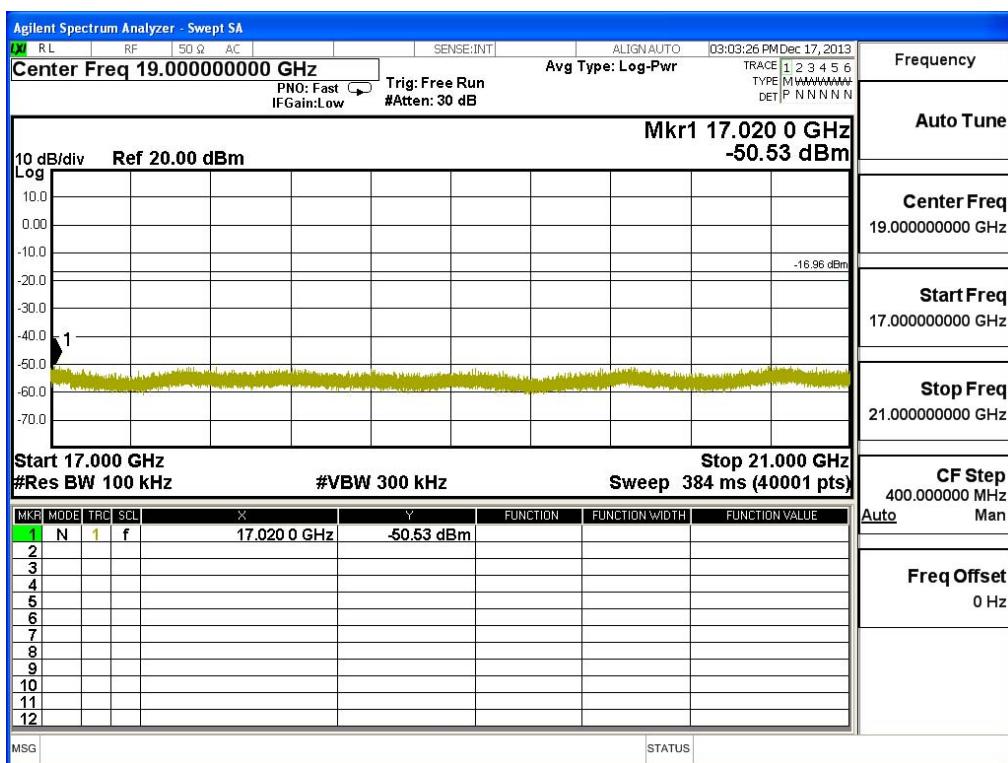
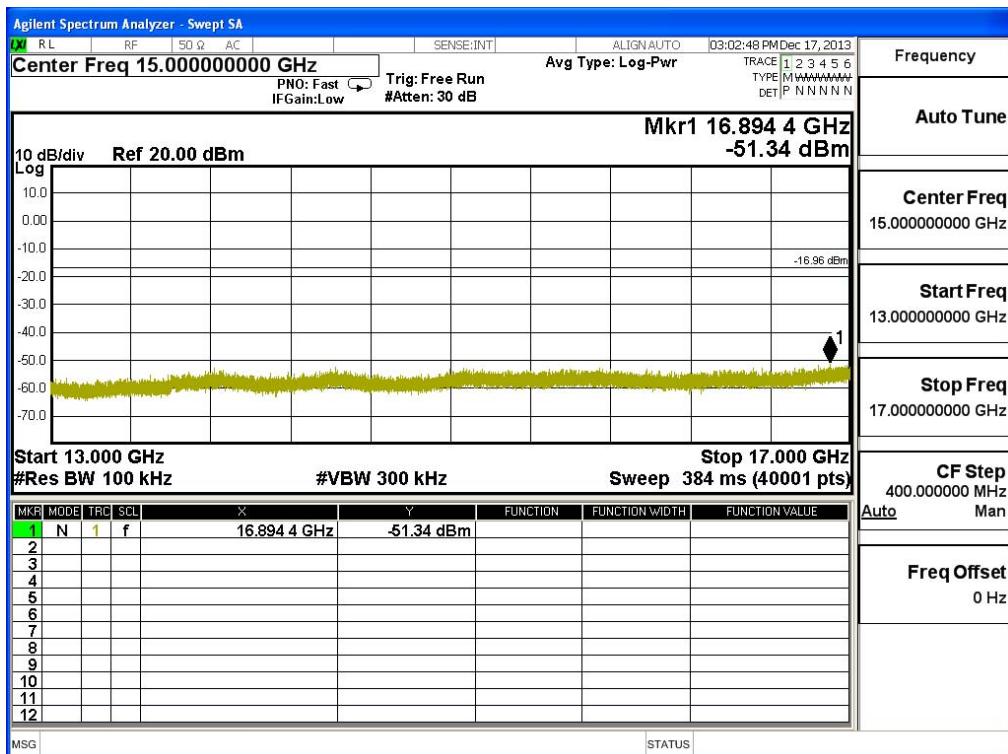


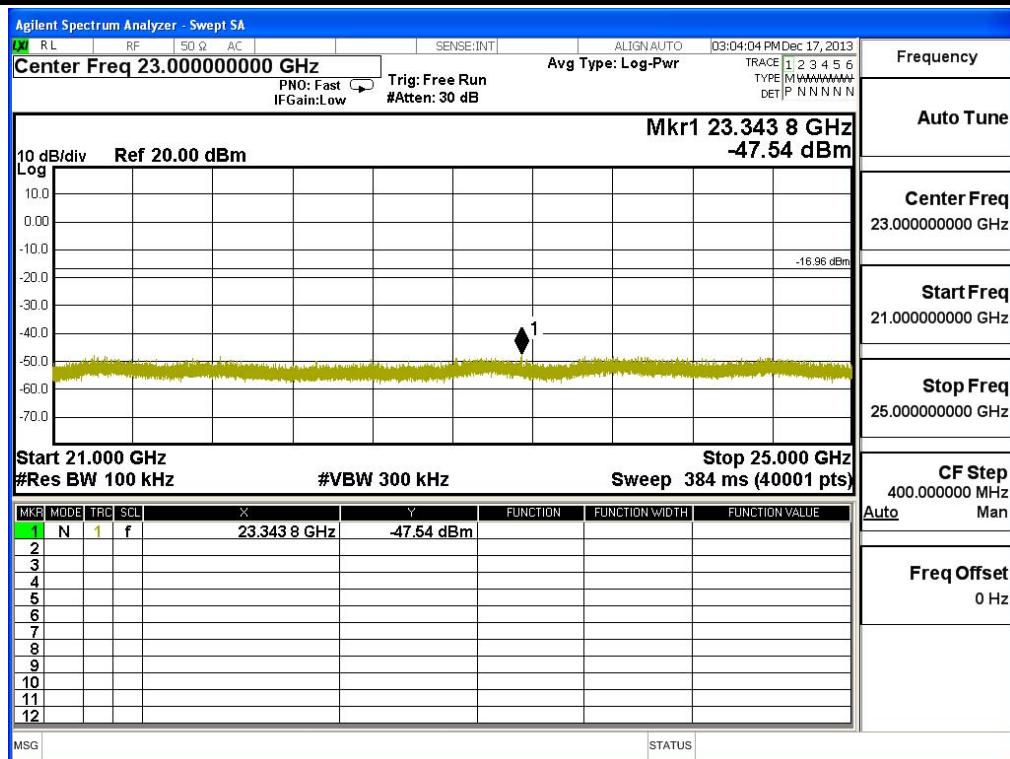


### Channel 11 (2462MHz)









## 6. Band Edge

### 6.1. Test Equipment

#### RF Radiated Measurement:

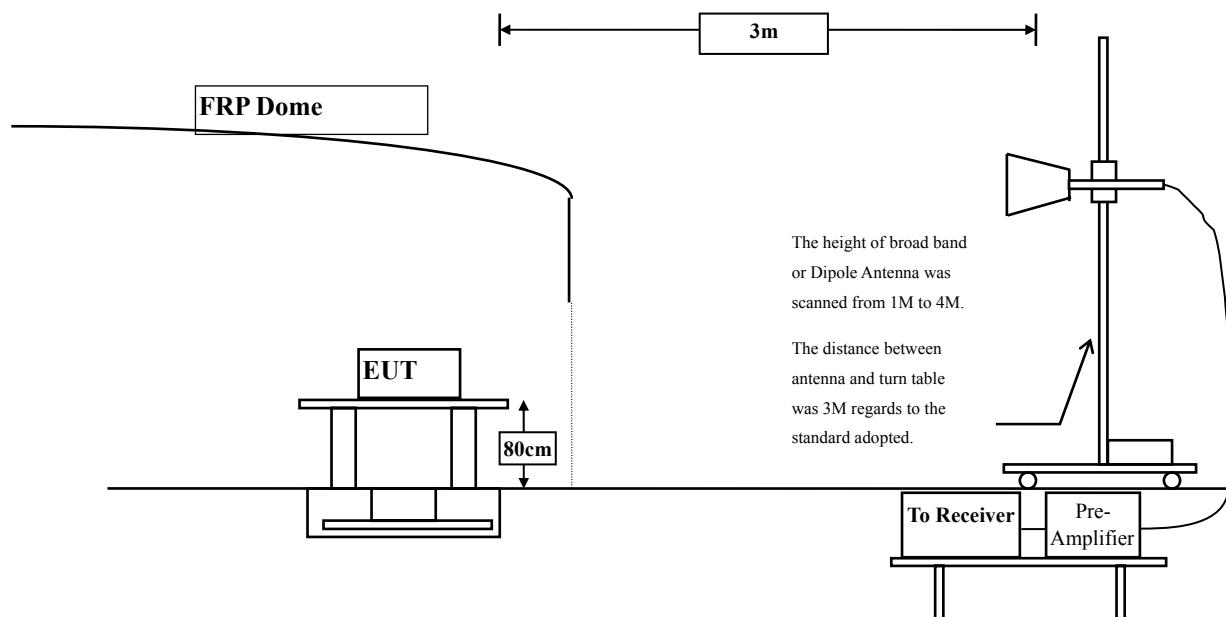
The following test equipments are used during the band edge tests:

Test Site	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X Site # 3	Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2013
	X Horn Antenna	Schwarzbeck	BBHA9120D/D305	Sep., 2013
	Horn Antenna	Schwarzbeck	BBHA9170/208	Jul., 2013
	X Pre-Amplifier	Agilent	8447D/2944A09549	Sep., 2013
	X Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2013
	Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2013
	X Coaxial Cable	QuieTek	QTK-CABLE/ CAB5	Feb., 2014
	X Controller	QuieTek	QTK-CONTROLLER/ CTRL3	N/A
	X Coaxial Switch	Anritsu	MP59B/6200265729	N/A

Note: 1. All instruments are calibrated every one year.  
2. The test instruments marked by "X" are used to measure the final test results.

### 6.2. Test Setup

#### RF Radiated Measurement:



### **6.3. Limits**

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

### **6.4. Test Procedure**

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

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2009 on radiated measurement.

### **6.5. Uncertainty**

± 3.9 dB above 1GHz

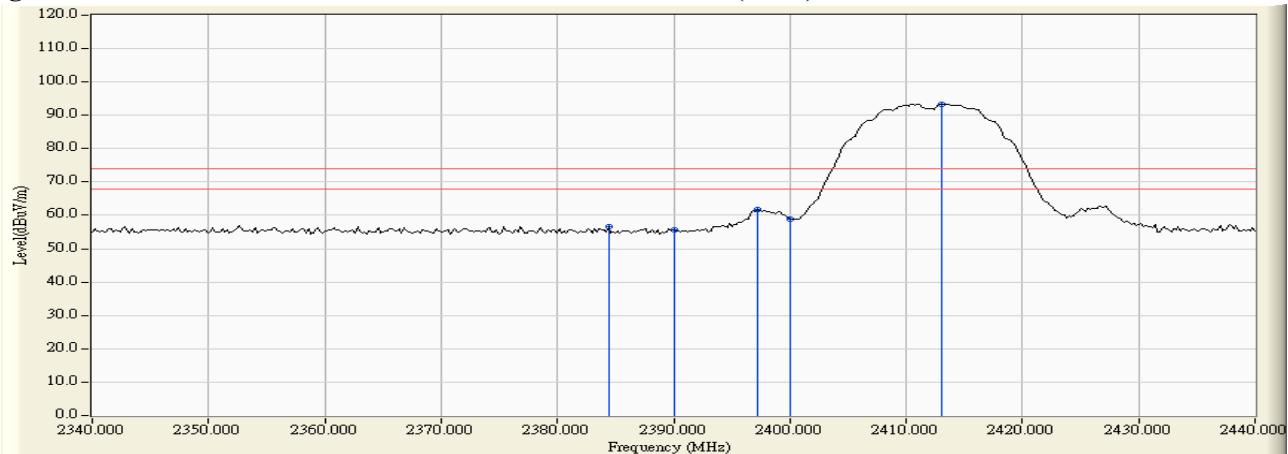
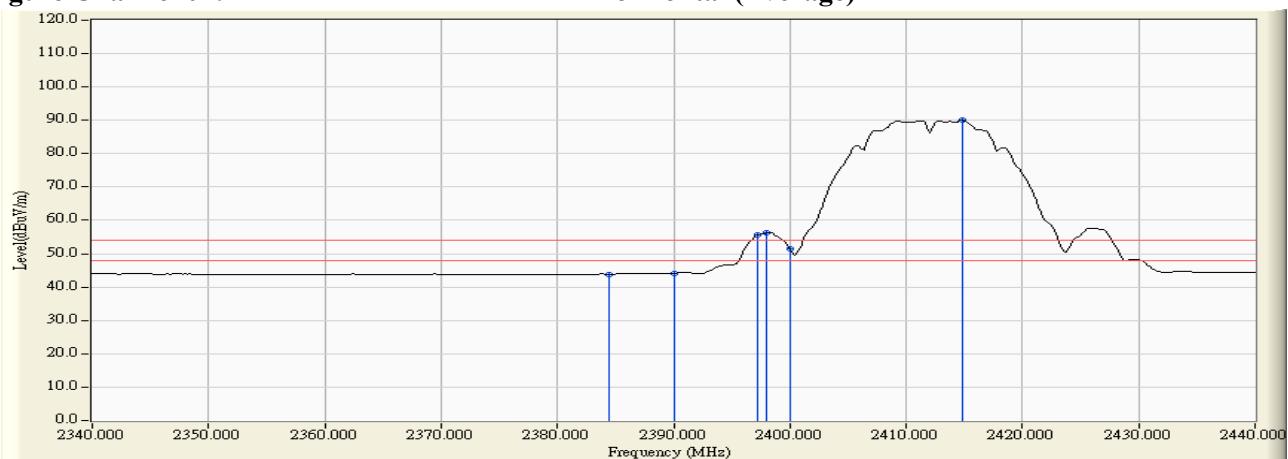
± 3.8 dB below 1GHz

## 6.6. Test Result of Band Edge

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

### RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2384.400	31.487	25.045	56.532	74.00	54.00	Pass
01 (Peak)	2390.000	31.509	24.142	55.651	74.00	54.00	Pass
01 (Peak)	2397.200	31.545	30.244	61.788	--	--	Pass
01 (Peak)	2400.000	31.561	27.205	58.766	--	--	Pass
01 (Peak)	2413.000	31.646	61.780	93.426	--	--	Pass
01 (Average)	2384.400	31.487	12.403	43.890	74.00	54.00	Pass
01 (Average)	2390.000	31.509	12.657	44.166	74.00	54.00	Pass
01 (Average)	2397.200	31.545	24.009	55.553	--	--	Pass
01 (Average)	2398.000	31.549	24.732	56.281	--	--	Pass
01 (Average)	2400.000	31.561	20.056	51.617	--	--	Pass
01 (Average)	2414.800	31.660	58.318	89.978	--	--	Pass

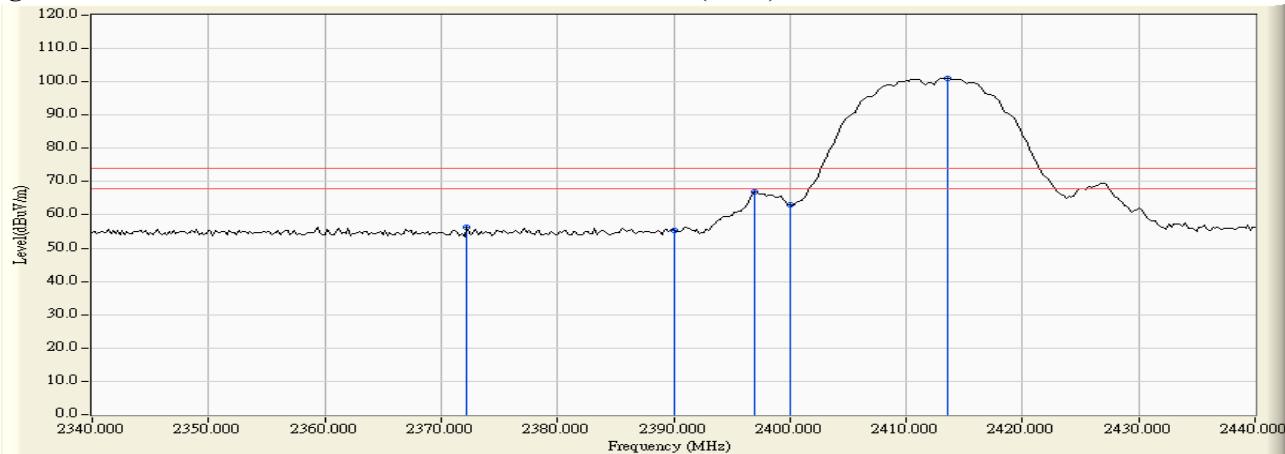
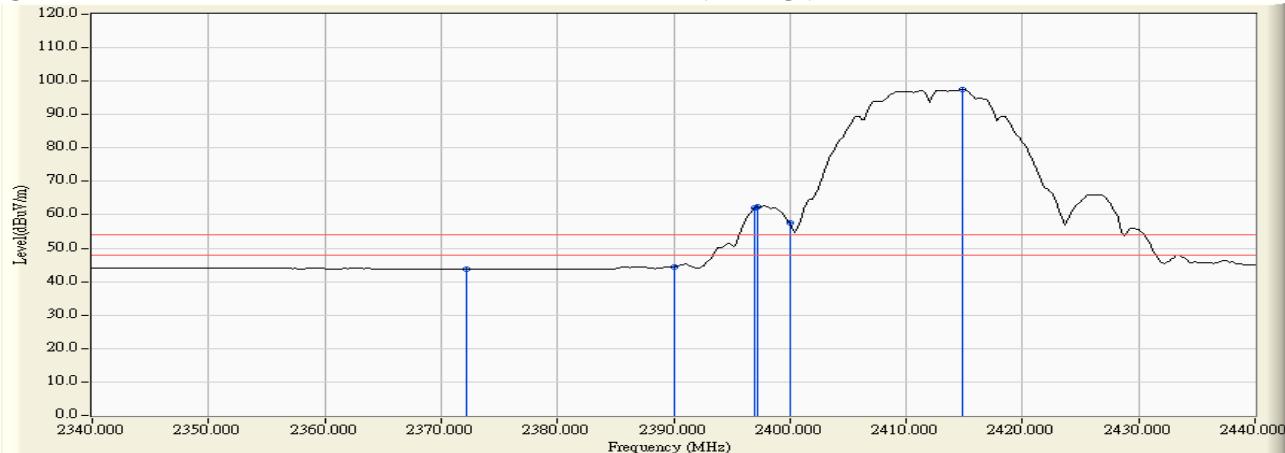
**Figure Channel 01:**
**Horizontal (Peak)**

**Figure Channel 01:**
**Horizontal (Average)**


- Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
  2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
  3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
  4. “ \* ”, means this data is the worst emission level.
  5. Measurement Level = Reading Level + Correct Factor.
  6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2372.200	30.998	25.367	56.365	74.00	54.00	Pass
01 (Peak)	2390.000	30.915	24.365	55.280	74.00	54.00	Pass
01 (Peak)	2397.000	30.905	35.878	66.783	--	--	Pass
01 (Peak)	2400.000	30.912	32.225	63.137	--	--	Pass
01 (Peak)	2413.600	30.960	70.095	101.055	--	--	Pass
01 (Average)	2372.200	30.998	12.798	43.796	74.00	54.00	Pass
01 (Average)	2390.000	30.915	13.432	44.347	74.00	54.00	Pass
01 (Average)	2397.000	30.905	31.248	62.153	--	--	Pass
01 (Average)	2397.200	30.905	31.537	62.442	--	--	Pass
01 (Average)	2400.000	30.912	26.640	57.552	--	--	Pass
01 (Average)	2414.800	30.968	66.663	97.631	--	--	Pass

**Figure Channel 01:****Vertical (Peak)****Figure Channel 01:****Vertical (Average)**

- Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
  2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
  3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
  4. “ \* ”, means this data is the worst emission level.
  5. Measurement Level = Reading Level + Correct Factor.
  6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

#### RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2460.900	32.011	63.563	95.574	--	--	Pass
11 (Peak)	2483.500	32.182	24.046	56.228	74.00	54.00	Pass
11 (Peak)	2484.700	32.192	26.599	58.790	74.00	54.00	Pass
11 (Average)	2461.100	32.013	59.744	91.757	--	--	Pass
11 (Average)	2483.500	32.182	12.742	44.924	74.00	54.00	Pass
11 (Average)	2484.700	32.192	12.533	44.724	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

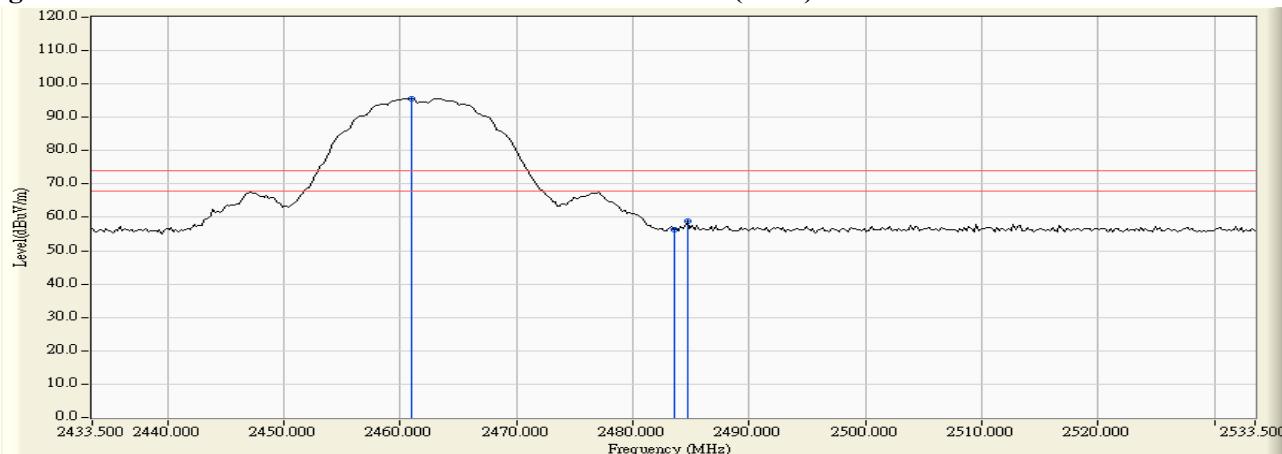
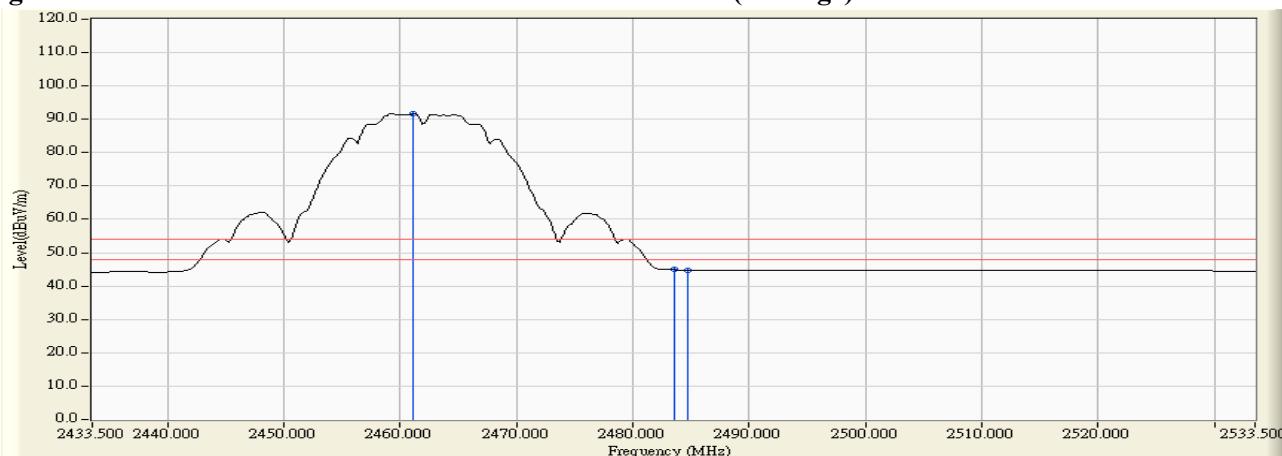


Figure Channel 11: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “\*”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

#### RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2460.900	31.283	69.321	100.604	--	--	Pass
11 (Peak)	2483.500	31.435	24.094	55.529	74.00	54.00	Pass
11 (Peak)	2494.300	31.507	25.061	56.569	74.00	54.00	Pass
11 (Average)	2461.100	31.285	65.550	96.834	--	--	Pass
11 (Average)	2483.500	31.435	13.988	45.423	74.00	54.00	Pass
11 (Average)	2494.300	31.507	12.574	44.082	74.00	54.00	Pass

Figure Channel 11:

Vertical (Peak)

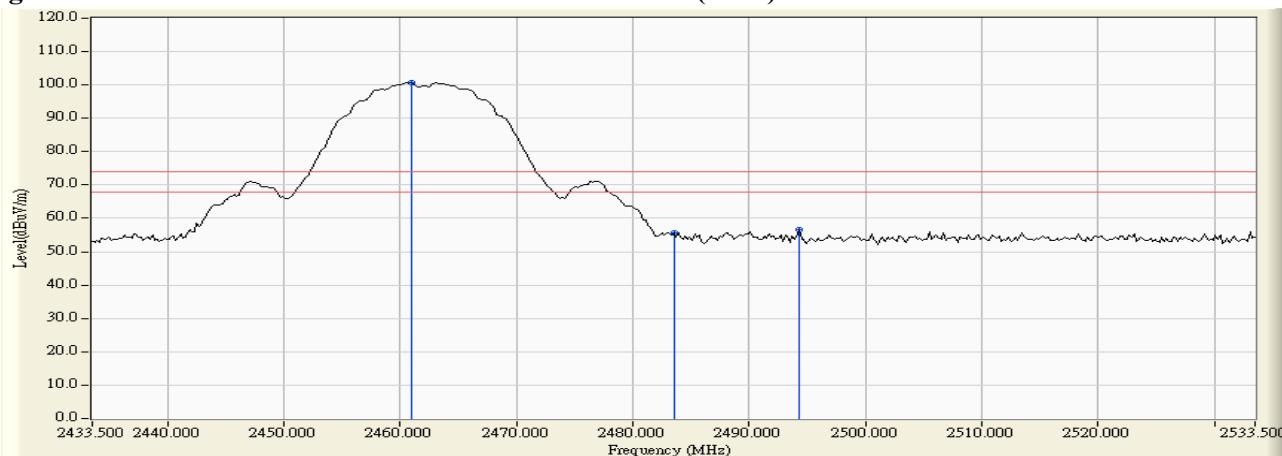
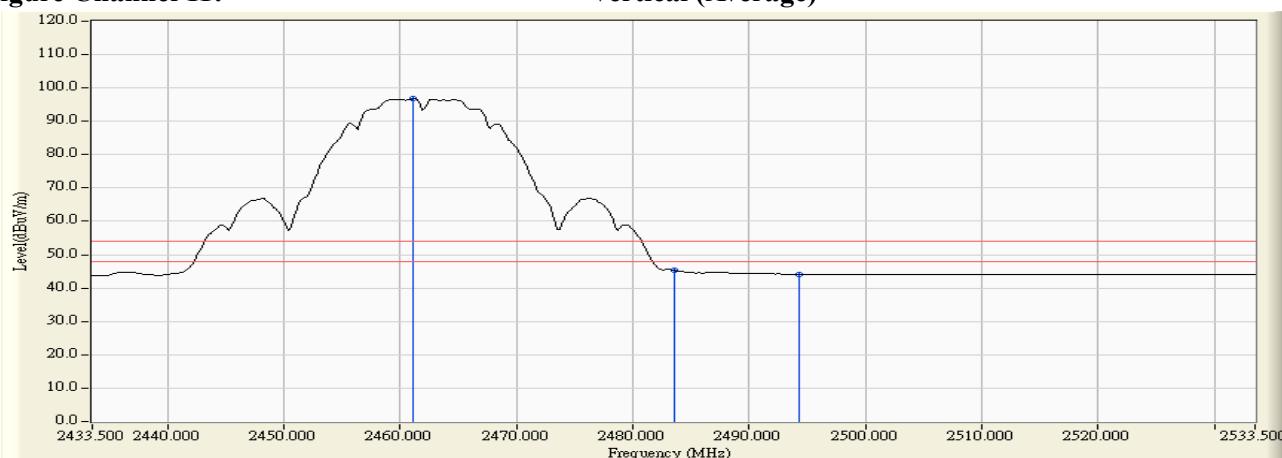


Figure Channel 11:

Vertical (Average)



- Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
  2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
  3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
  4. “\*”, means this data is the worst emission level.
  5. Measurement Level = Reading Level + Correct Factor.
  6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

#### RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2390.000	31.509	35.119	66.628	74.00	54.00	Pass
01 (Peak)	2400.000	31.561	45.987	77.548	--	--	Pass
01 (Peak)	2415.200	31.662	66.001	97.664	--	--	Pass
01(Average)	2390.000	31.509	16.066	47.575	74.00	54.00	Pass
01(Average)	2400.000	31.561	28.336	59.897	--	--	Pass
01(Average)	2415.400	31.664	54.298	85.962	--	--	Pass

Figure Channel 01:

Horizontal (Peak)

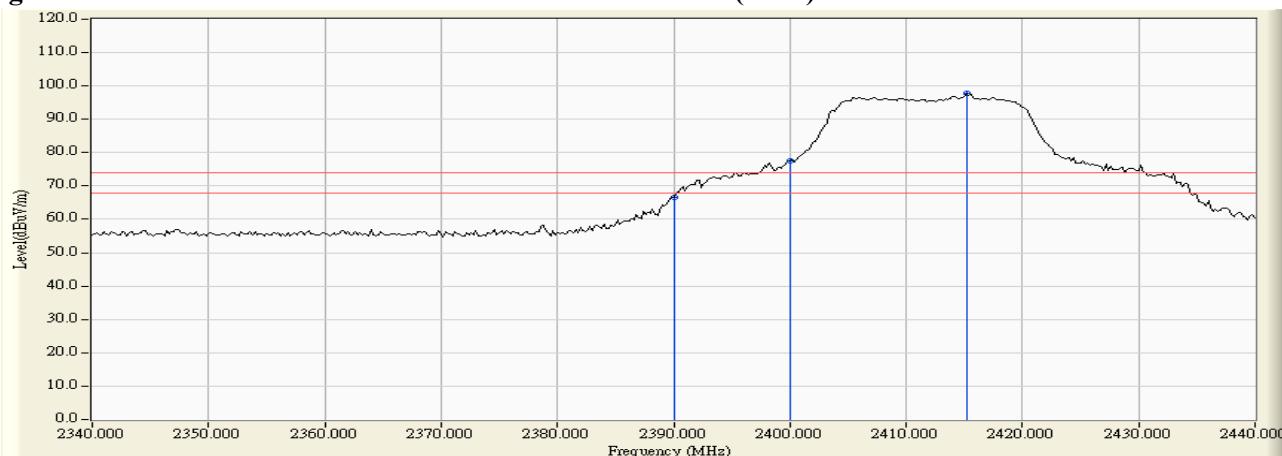
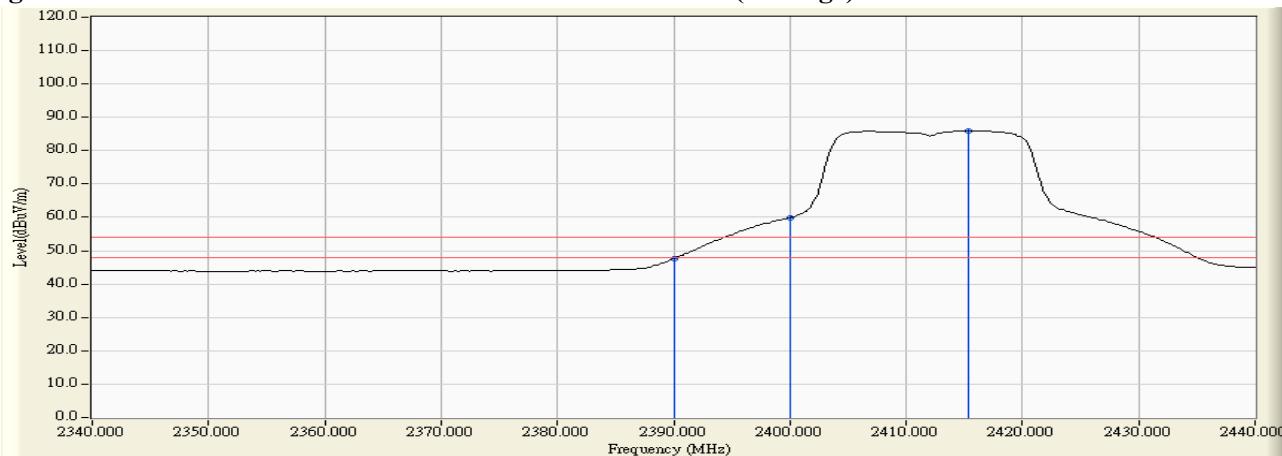


Figure Channel 01:

Horizontal (Average)



- Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
  2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
  3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
  4. “\*”, means this data is the worst emission level.
  5. Measurement Level = Reading Level + Correct Factor.
  6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

#### RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2390.000	30.915	41.021	71.936	74.00	54.00	Pass
01 (Peak)	2400.000	30.912	51.080	81.992	--	--	Pass
01 (Peak)	2415.400	30.972	72.284	103.256	--	--	Pass
01 (Average)	2390.000	30.915	19.080	49.995	74.00	54.00	Pass
01 (Average)	2400.000	30.912	33.443	64.355	--	--	Pass
01 (Average)	2416.400	30.979	60.477	91.456	--	--	Pass

Figure Channel 01:

Vertical (Peak)

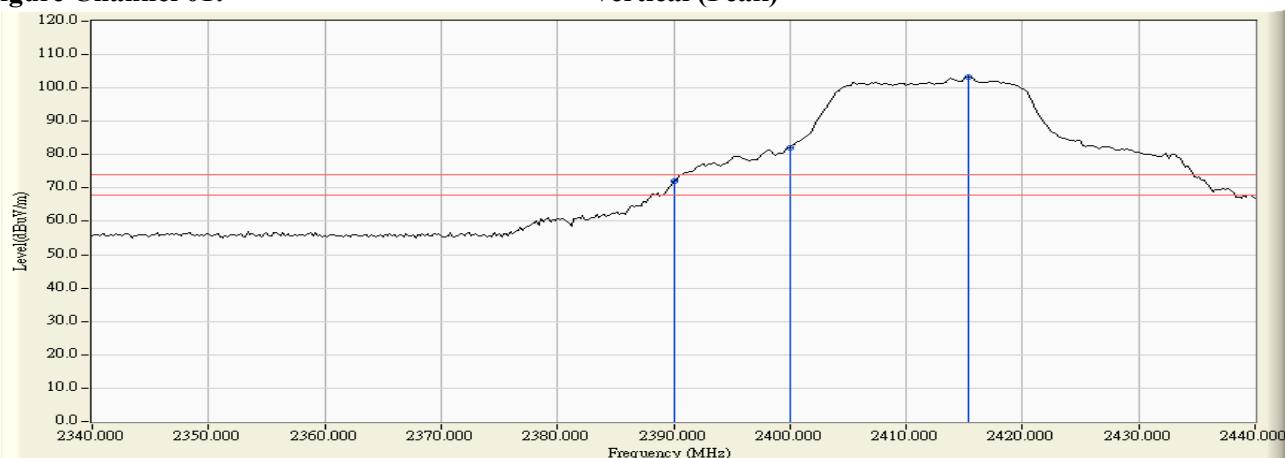
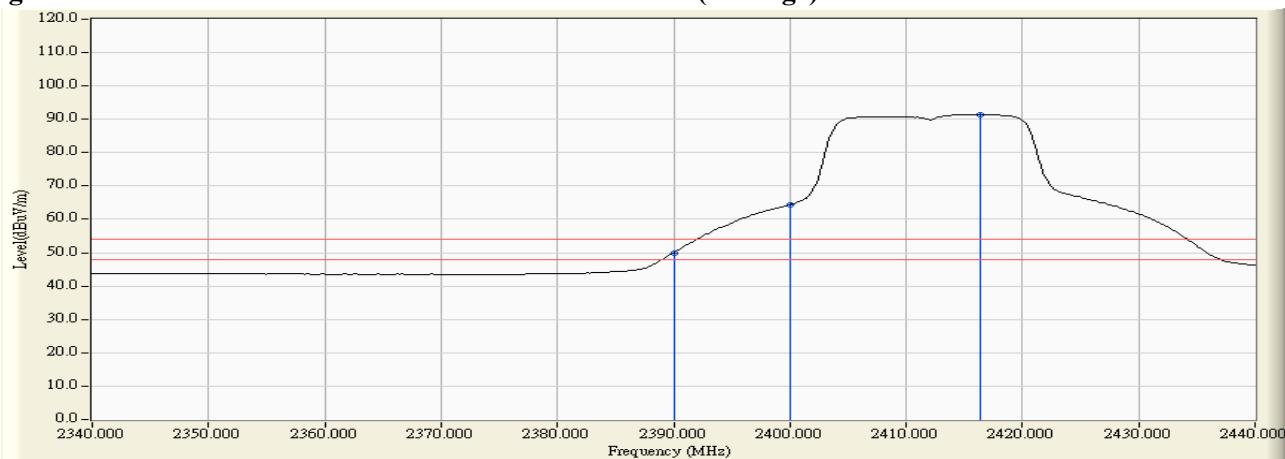


Figure Channel 01:

Vertical (Average)

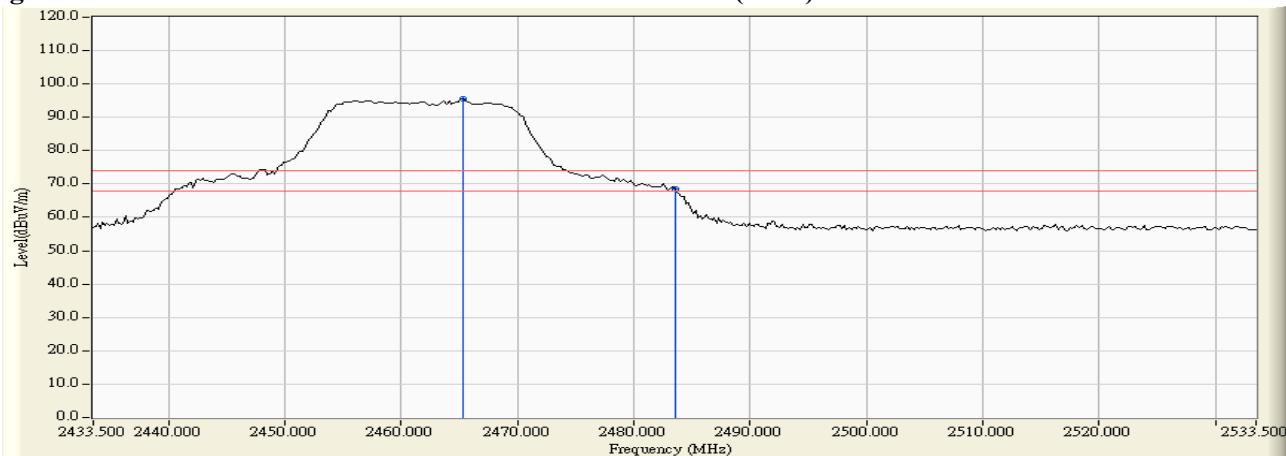
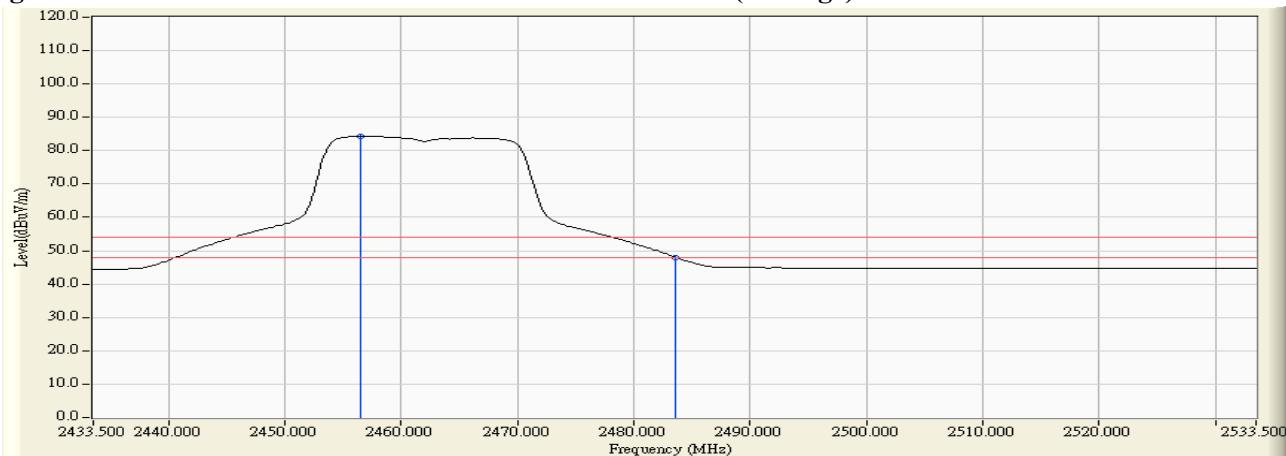


- Note:
- All readings above 1GHz are performed with peak and/or average measurements as necessary.
  - Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
  - Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
  - "\*", means this data is the worst emission level.
  - Measurement Level = Reading Level + Correct Factor.
  - The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2465.300	32.044	63.447	95.491	--	--	Pass
11 (Peak)	2483.500	32.182	36.216	68.398	74.00	54.00	Pass
11 (Average)	2456.500	31.977	52.324	84.302	--	--	Pass
11 (Average)	2483.500	32.182	15.817	47.999	74.00	54.00	Pass

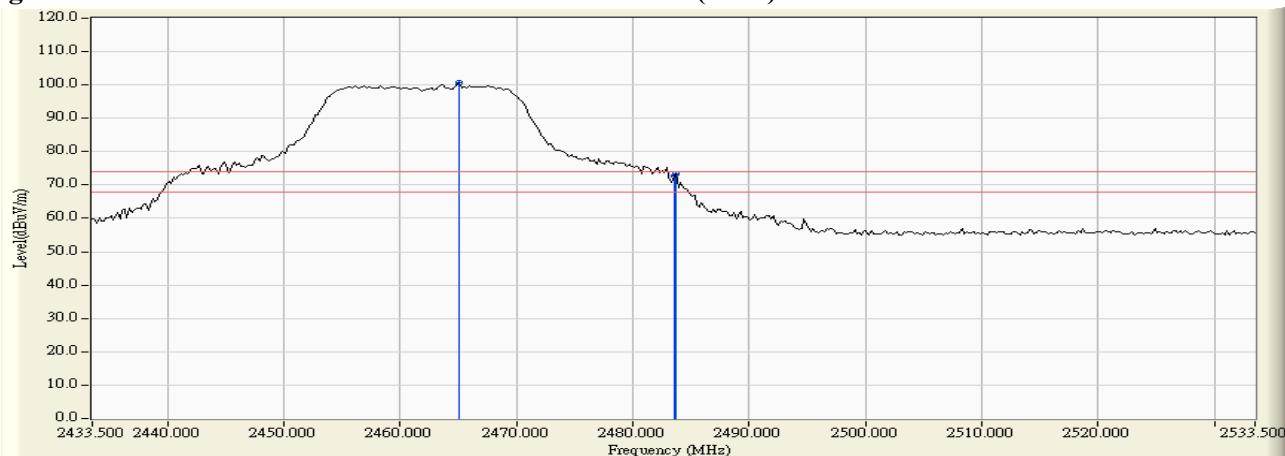
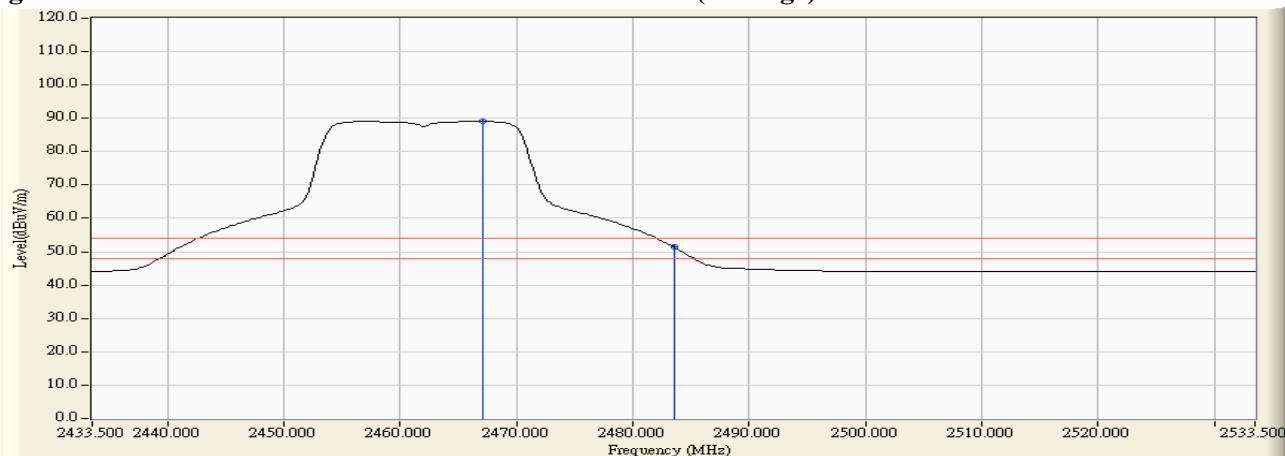
**Figure Channel 11:****Horizontal (Peak)****Figure Channel 11:****Horizontal (Average)**

- Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
  2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
  3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
  4. “\*”, means this data is the worst emission level.
  5. Measurement Level = Reading Level + Correct Factor.
  6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2465.100	31.312	69.533	100.844	--	--	Pass
11 (Peak)	2483.500	31.435	41.210	72.645	74.00	54.00	Pass
11 (Peak)	2483.700	31.437	41.998	73.435	74.00	54.00	Pass
11 (Average)	2467.100	31.325	57.806	89.131	--	--	Pass
11 (Average)	2483.500	31.435	19.887	51.322	74.00	54.00	Pass

**Figure Channel 11:****Vertical (Peak)****Figure Channel 11:****Vertical (Average)**

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

#### RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2389.600	31.508	39.938	71.446	74.00	54.00	Pass
01 (Peak)	2390.000	31.509	38.277	69.786	74.00	54.00	Pass
01 (Peak)	2400.000	31.561	45.654	77.215	--	--	Pass
01 (Peak)	2415.400	31.664	65.709	97.373	--	--	Pass
01 (Average)	2390.000	31.509	16.845	48.354	74.00	54.00	Pass
01 (Average)	2400.000	31.561	26.843	58.404	--	--	Pass
01 (Average)	2416.600	31.674	53.797	85.470	--	--	Pass

Figure Channel 01:

Horizontal (Peak)

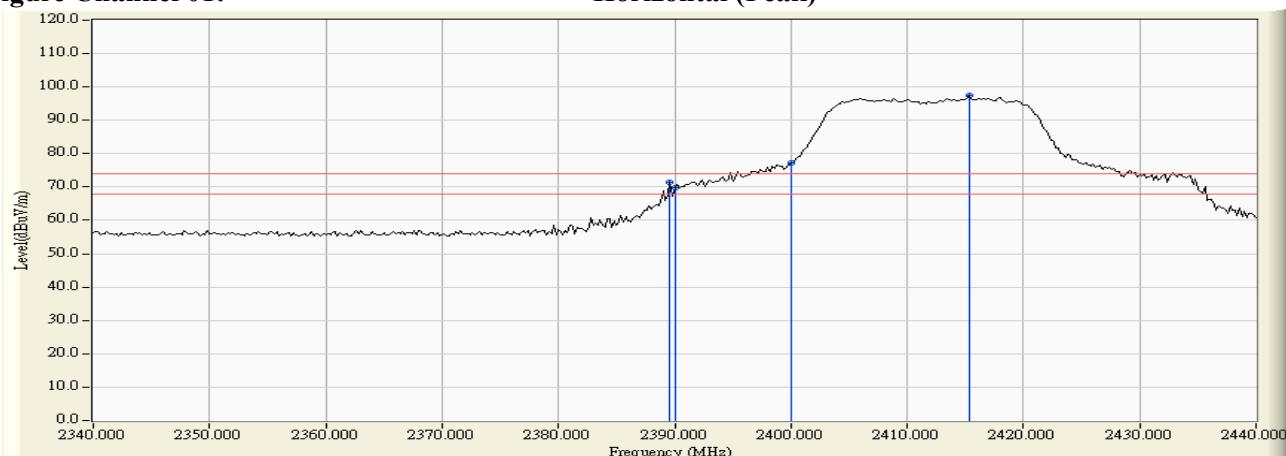
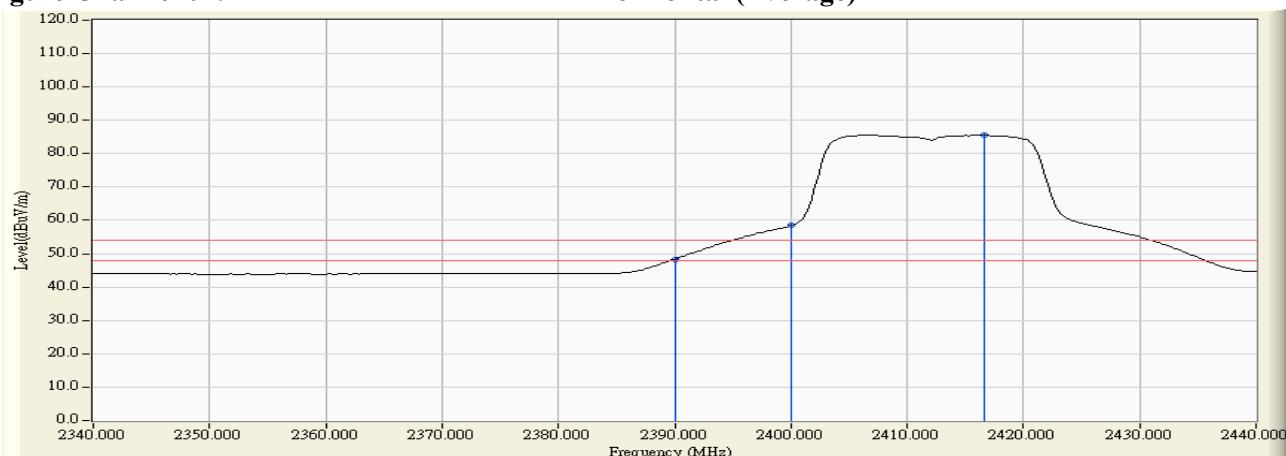


Figure Channel 01:

Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “\*”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

#### RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2389.400	30.918	41.016	71.934	74.00	54.00	Pass
01 (Peak)	2390.000	30.915	39.973	70.888	74.00	54.00	Pass
01 (Peak)	2400.000	30.912	48.470	79.382	--	--	Pass
01 (Peak)	2415.600	30.973	70.152	101.126	--	--	Pass
01 (Average)	2390.000	30.915	18.534	49.449	74.00	54.00	Pass
01 (Average)	2400.000	30.912	30.242	61.154	--	--	Pass
01 (Average)	2416.800	30.982	58.632	89.614	--	--	Pass

Figure Channel 01:

Vertical (Peak)

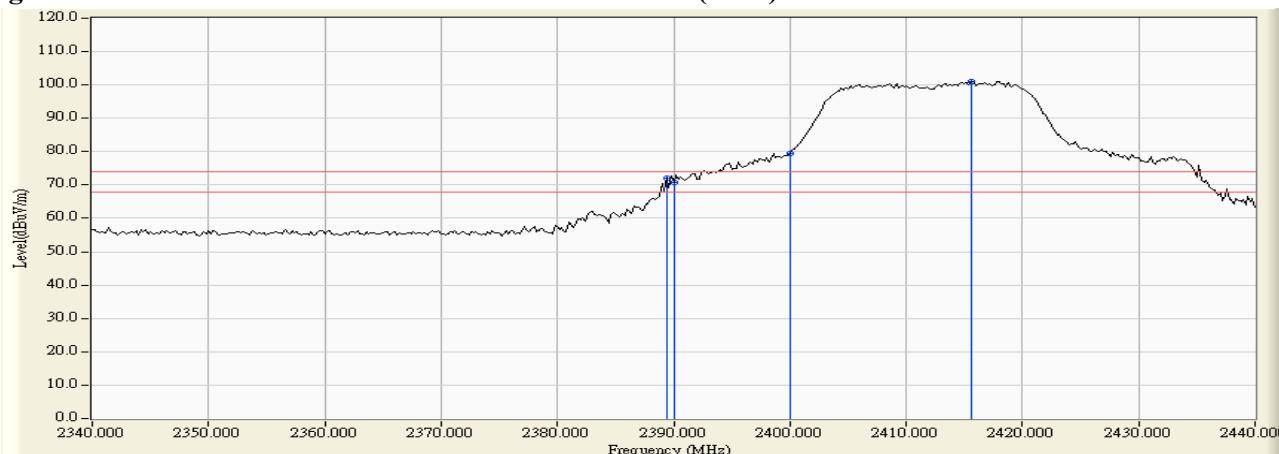
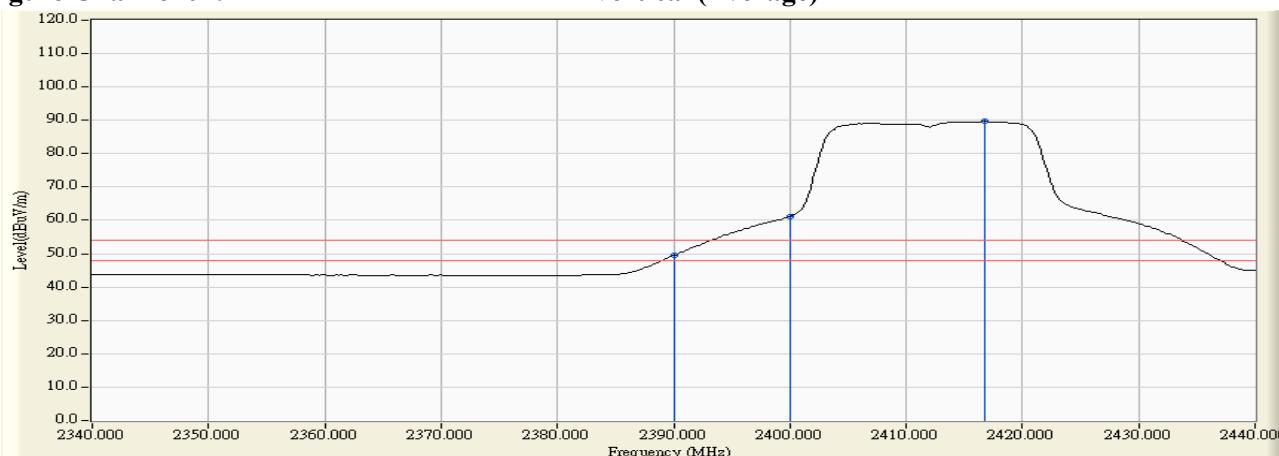


Figure Channel 01:

Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “\*”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

#### RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2458.900	31.997	62.202	94.198	--	--	Pass
11 (Peak)	2483.500	32.182	31.234	63.416	74.00	54.00	Pass
11 (Peak)	2484.100	32.186	34.687	66.874	74.00	54.00	Pass
11 (Average)	2457.300	31.984	51.150	83.134	--	--	Pass
11 (Average)	2483.500	32.182	15.337	47.519	74.00	54.00	Pass

Figure Channel 11:

Horizontal (Peak)

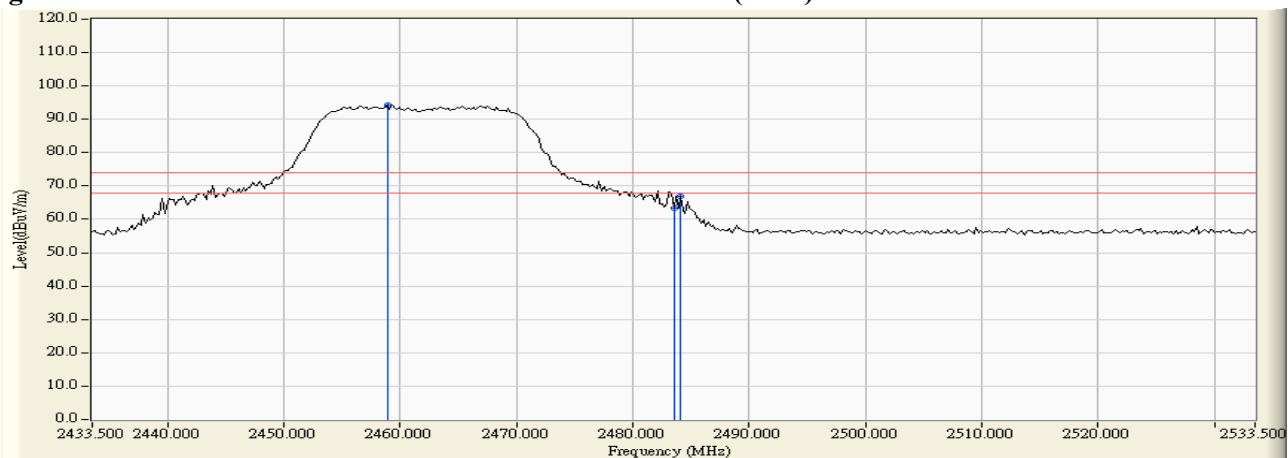
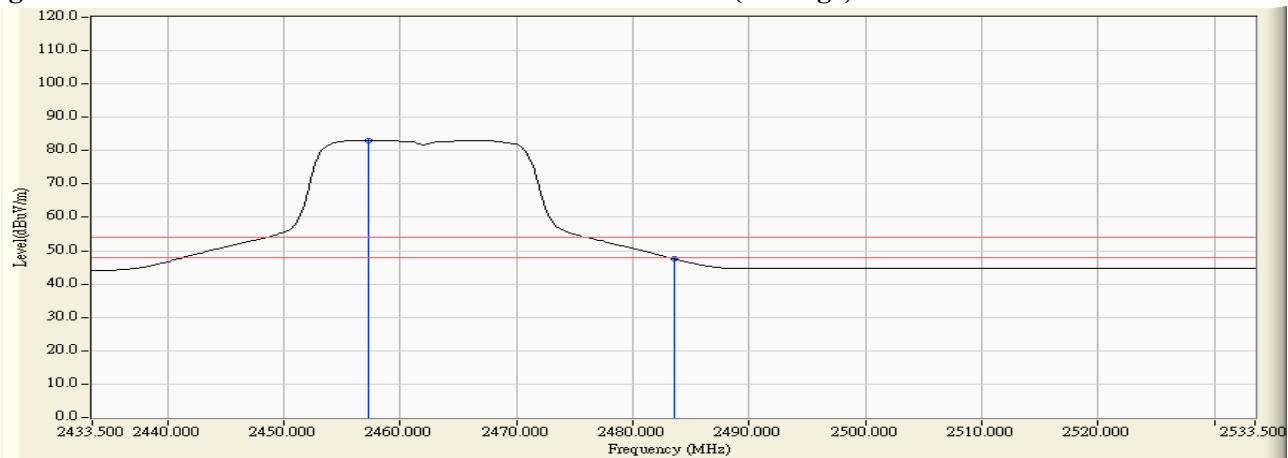


Figure Channel 11:

Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Free Style CAMERA QBiC  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

#### RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2464.700	31.308	66.732	98.041	--	--	Pass
11 (Peak)	2483.500	31.435	39.606	71.041	74.00	54.00	Pass
11 (Peak)	2483.900	31.438	41.131	72.569	74.00	54.00	Pass
11 (Average)	2466.700	31.322	55.734	87.056	--	--	Pass
11 (Average)	2483.500	31.435	19.038	50.473	74.00	54.00	Pass

Figure Channel 11:

Vertical (Peak)

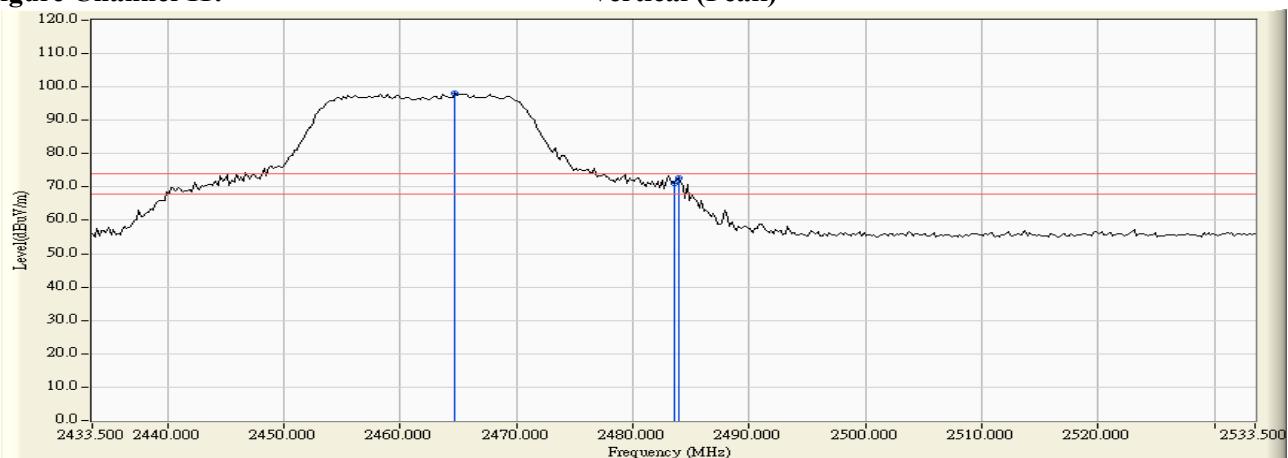
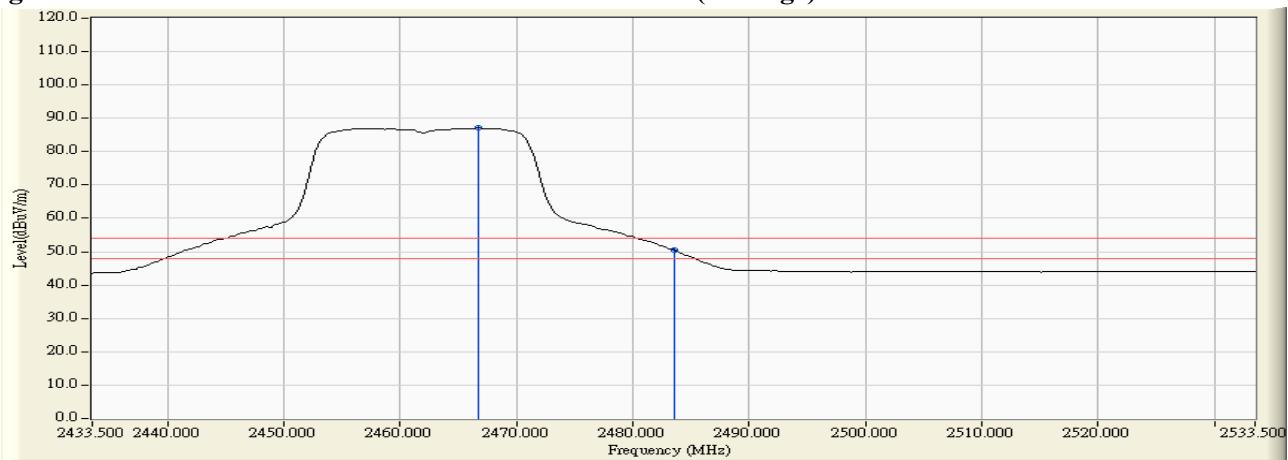


Figure Channel 11:

Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “\*”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

## 7. Occupied Bandwidth

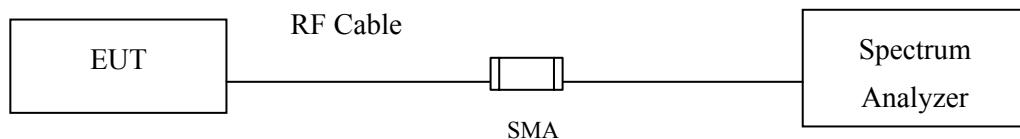
### 7.1. Test Equipment

Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2013
Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2013
X Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2013

Note:

1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

### 7.2. Test Setup



### 7.3. Limits

The minimum bandwidth shall be at least 500 kHz.

### 7.4. Test Procedure

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

### 7.5. Uncertainty

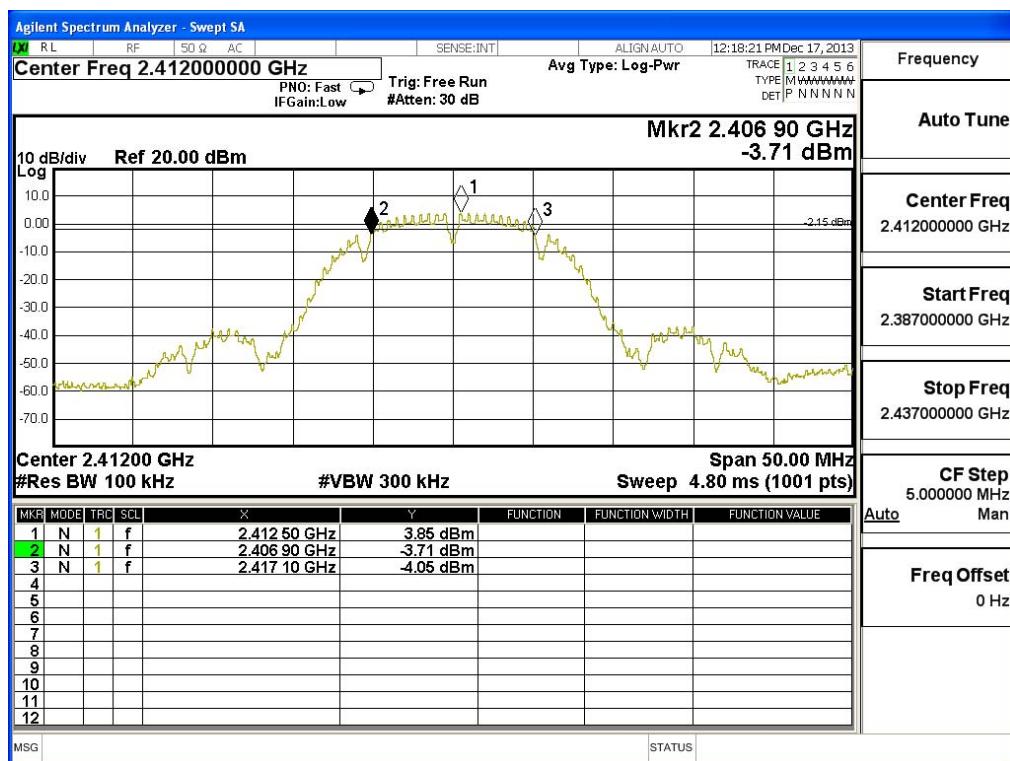
± 150Hz

## 7.6. Test Result of Occupied Bandwidth

Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	10200	>500	Pass

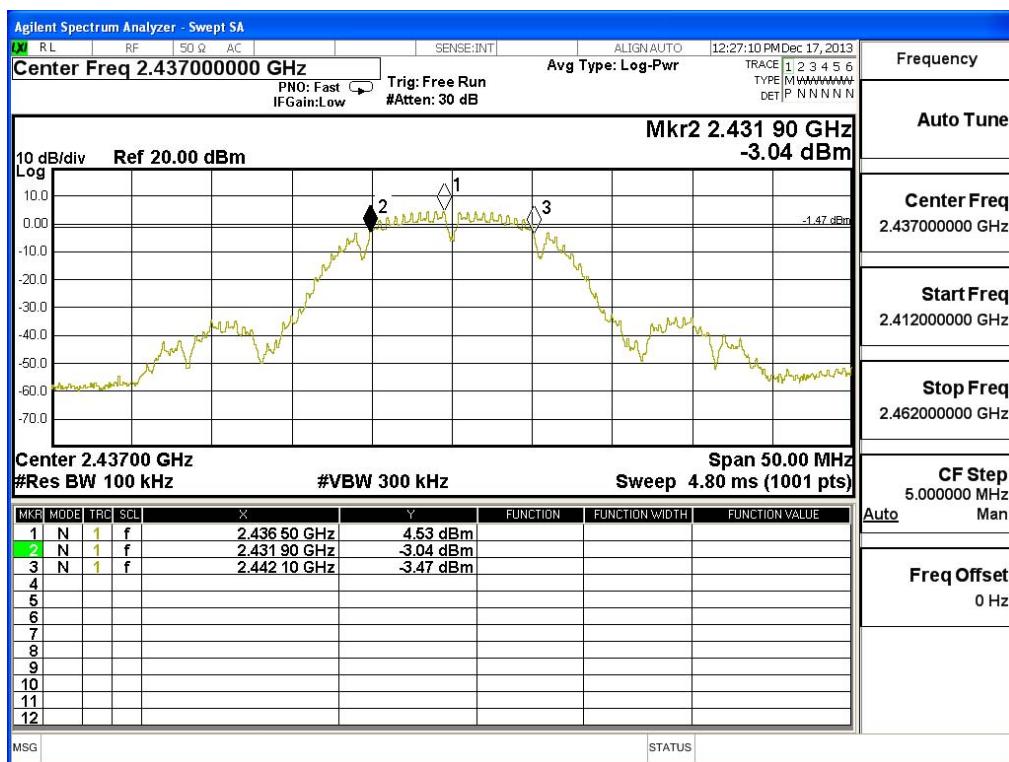
**Figure Channel 1:**



Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	10200	>500	Pass

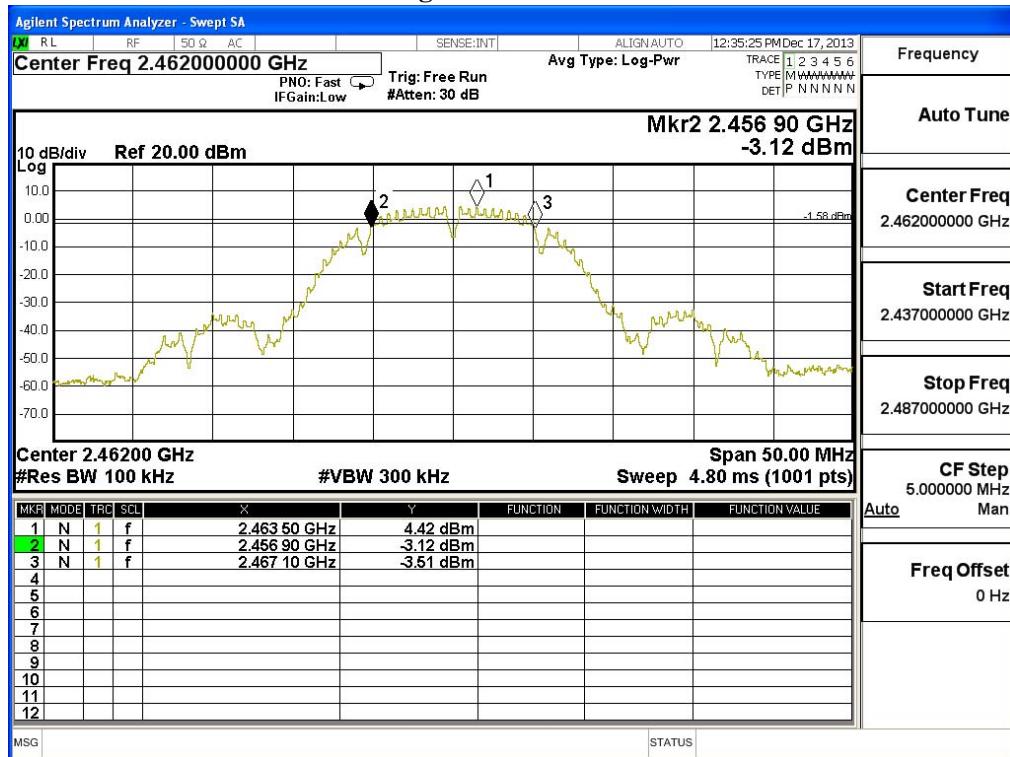
Figure Channel 6:



Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11	2462	10200	>500	Pass

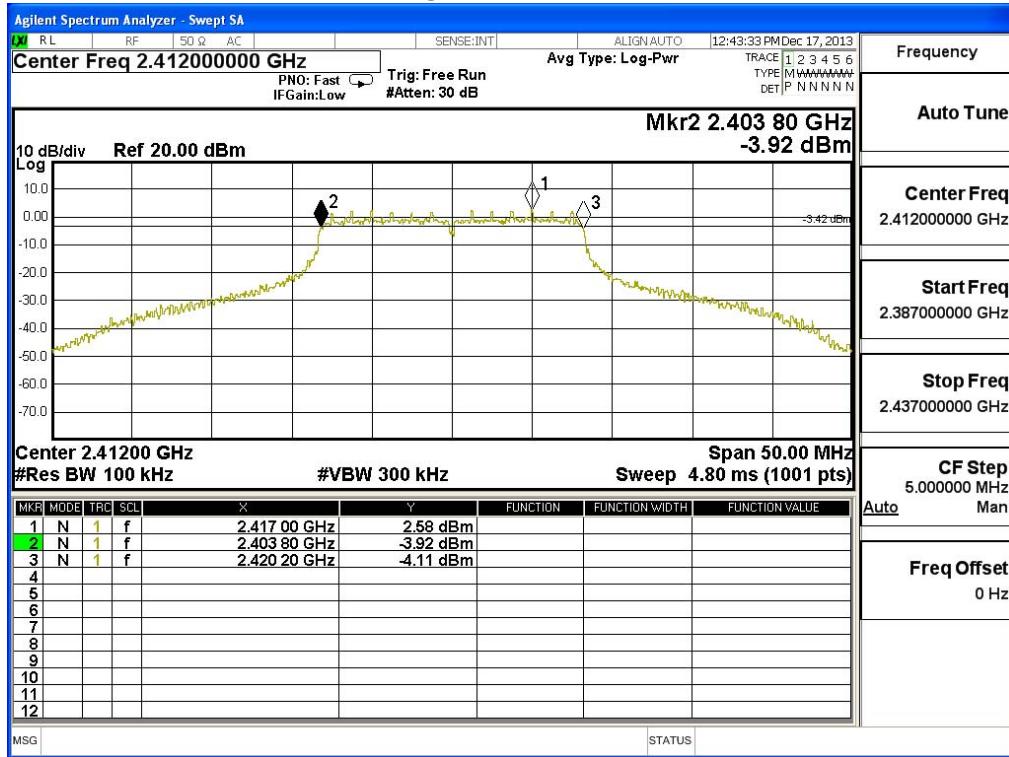
Figure Channel 11:



Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	16400	>500	Pass

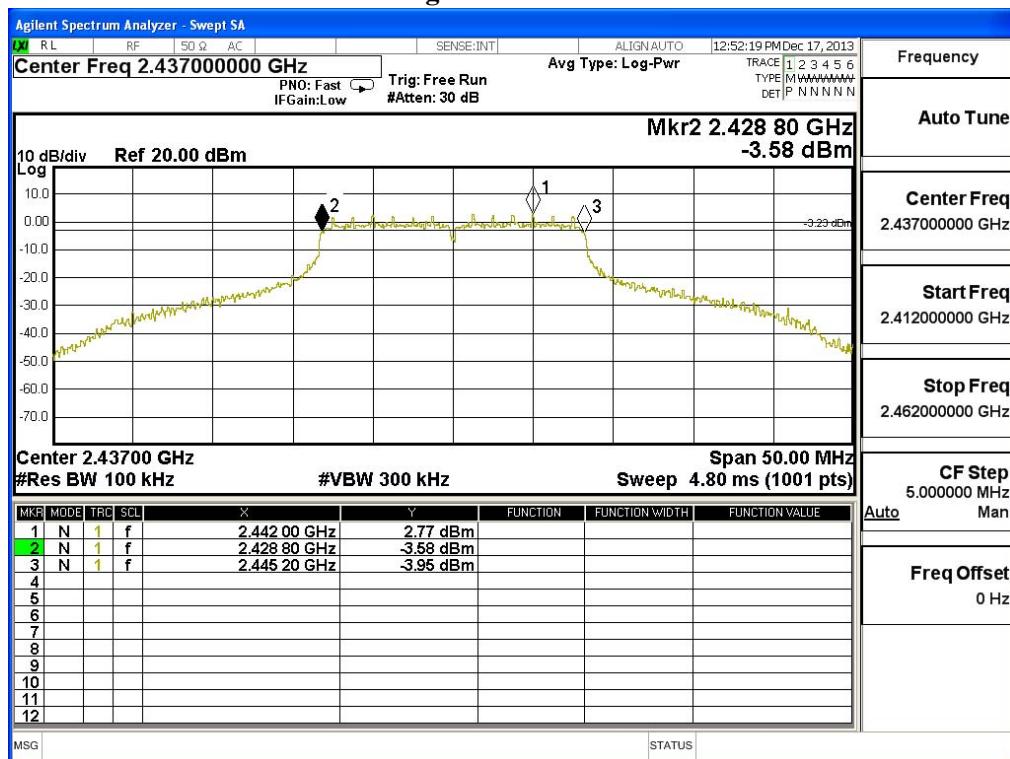
Figure Channel 1:



Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	16400	>500	Pass

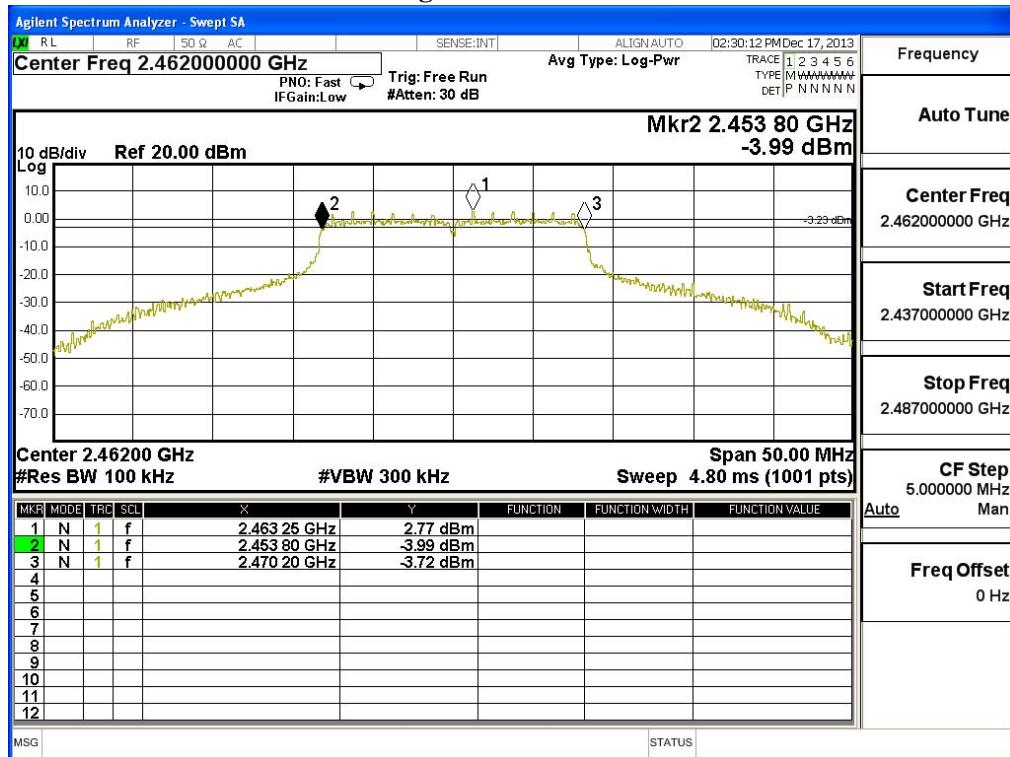
**Figure Channel 6:**



Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11	2462	16400	>500	Pass

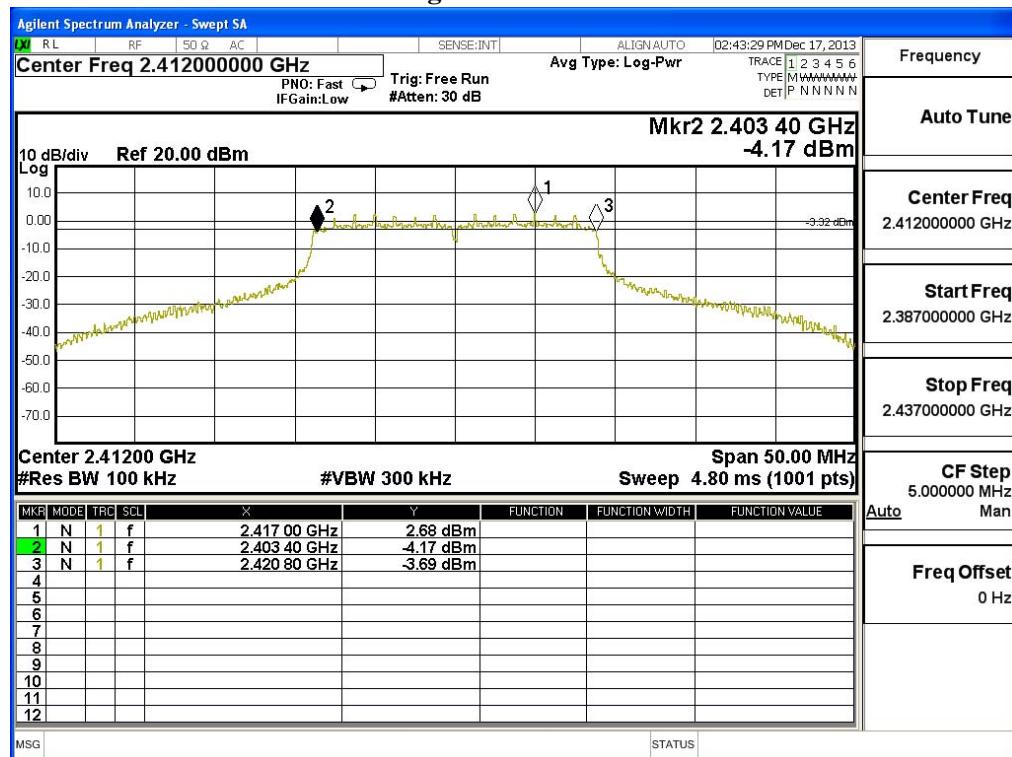
Figure Channel 11:



Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	17400	>500	Pass

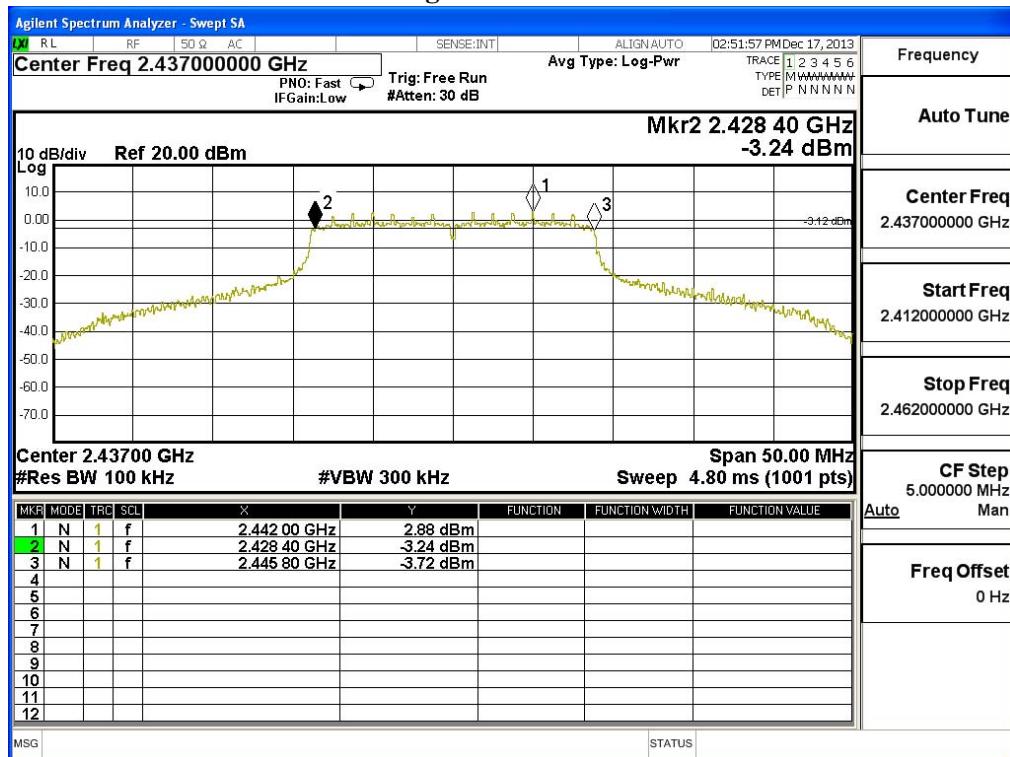
**Figure Channel 1:**



Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	17400	>500	Pass

**Figure Channel 6:**



Product : Free Style CAMERA QBiC  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11	2462	17600	>500	Pass

Figure Channel 11:



## 8. Power Density

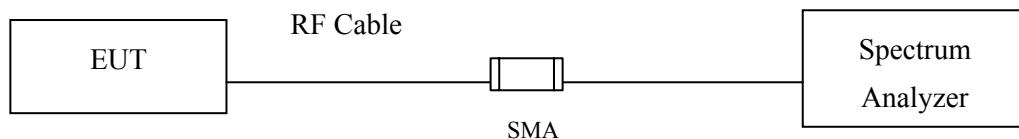
### 8.1. Test Equipment

Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2013
Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2013
X Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2013

Note:

1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with "X" are used to measure the final test results.

### 8.2. Test Setup



### 8.3. Limits

The transmitted power density averaged over any 1 second interval shall not be greater +8dBm in any 3kHz bandwidth.

### 8.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2009; tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

The maximum power spectral density using KDB 558074 section 10.2 PKPSD (peak PSD) method.

### 8.5. Uncertainty

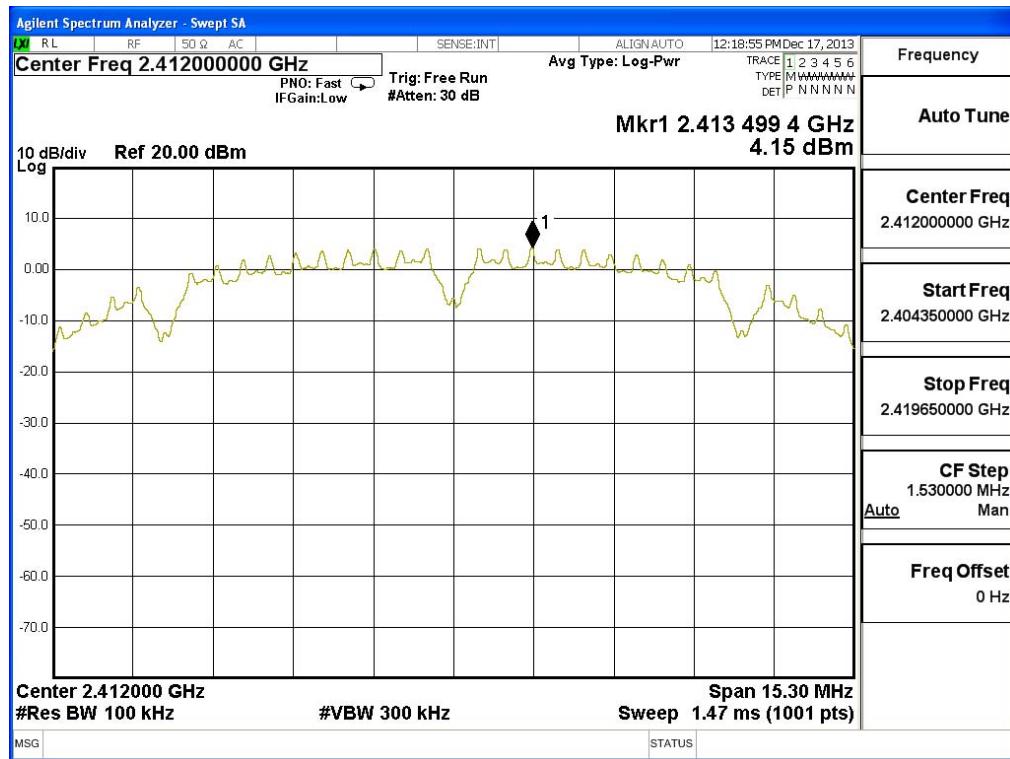
± 1.27 dB

## 8.6. Test Result of Power Density

Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	4.15	< 8dBm	Pass

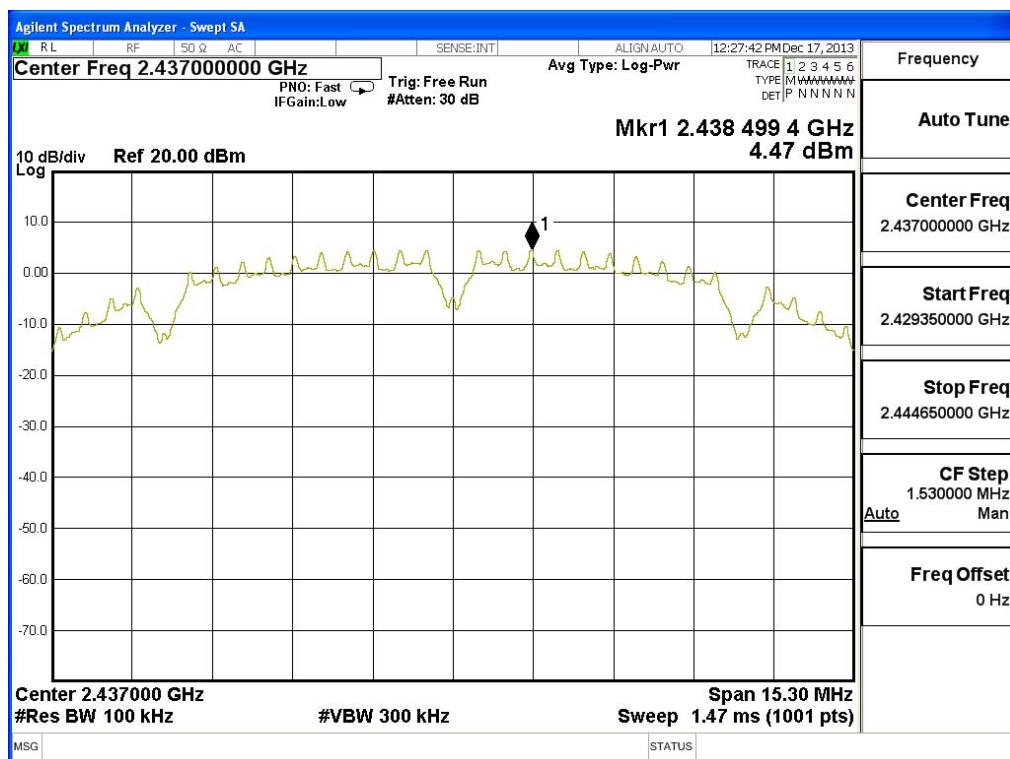
**Figure Channel 1:**



Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2437	4.47	< 8dBm	Pass

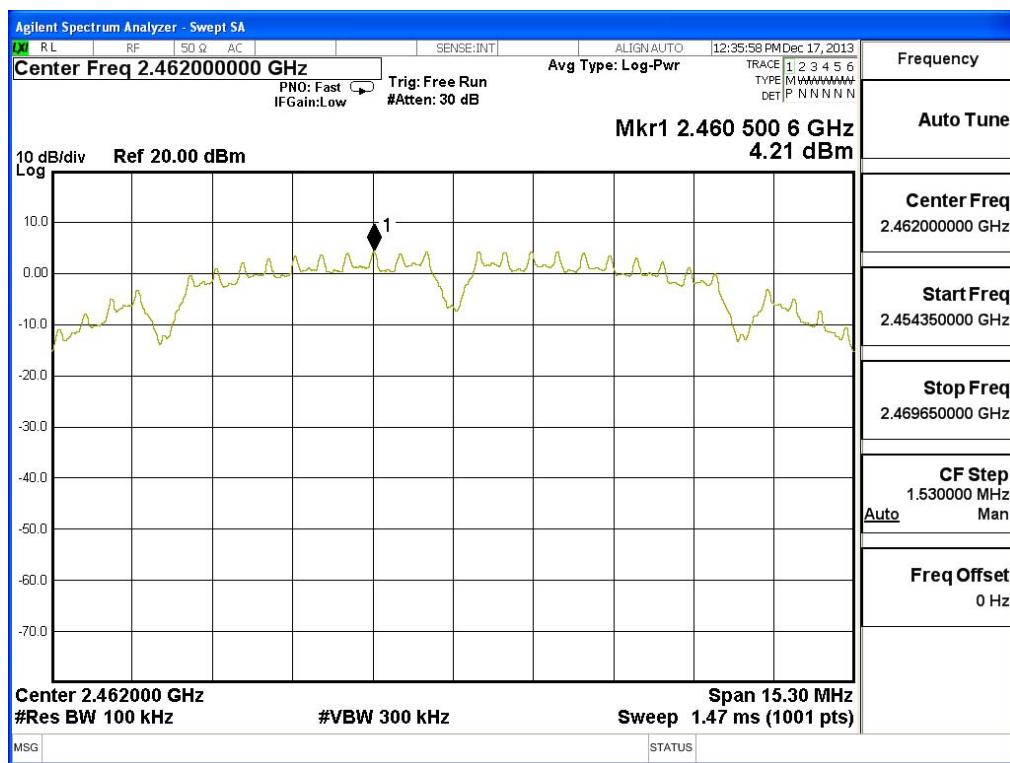
**Figure Channel 6:**



Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11	2462	4.21	< 8dBm	Pass

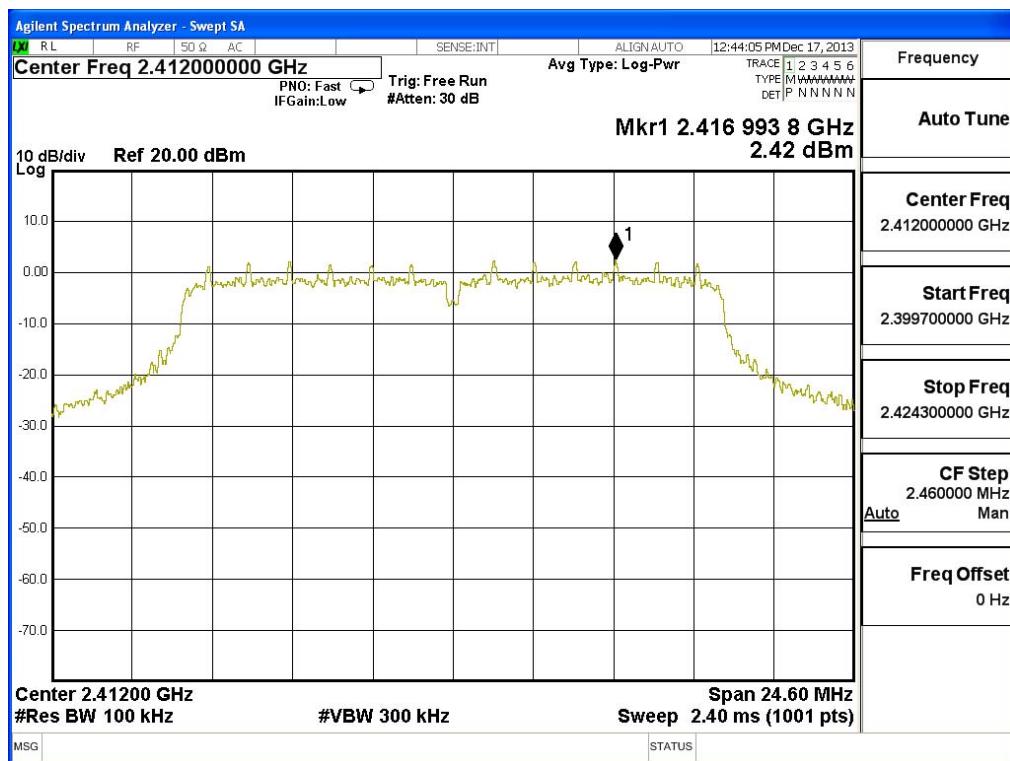
**Figure Channel 11:**



Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	2.42	< 8dBm	Pass

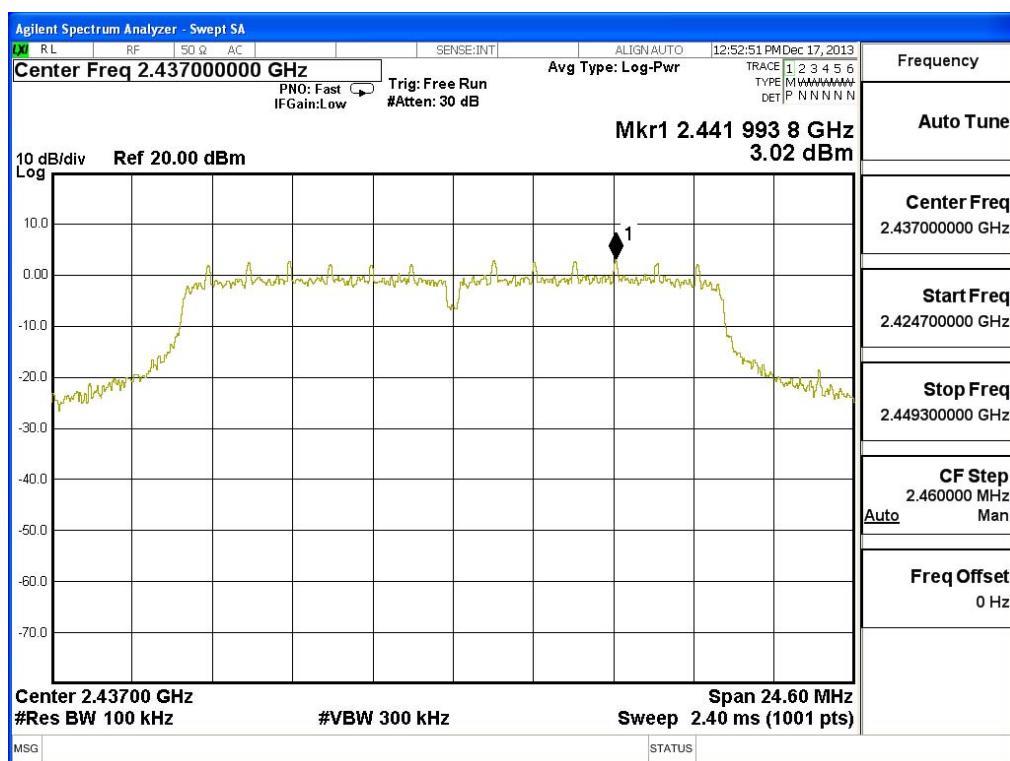
**Figure Channel 1:**



Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2437	3.02	< 8dBm	Pass

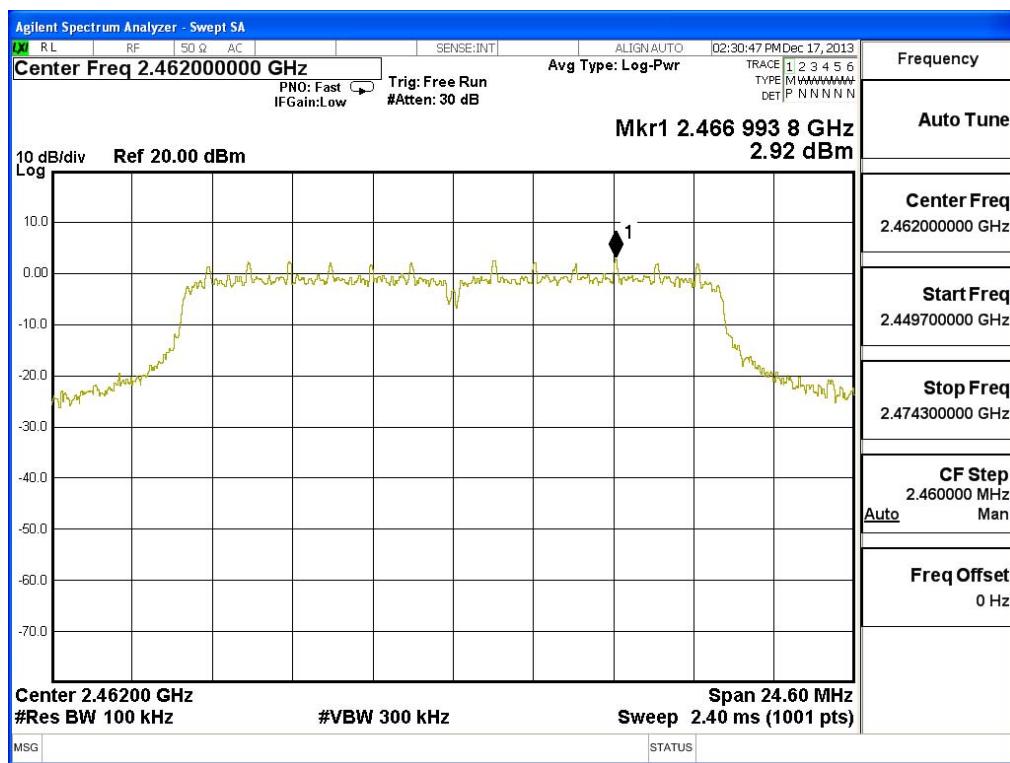
**Figure Channel 6:**



Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11	2462	2.92	< 8dBm	Pass

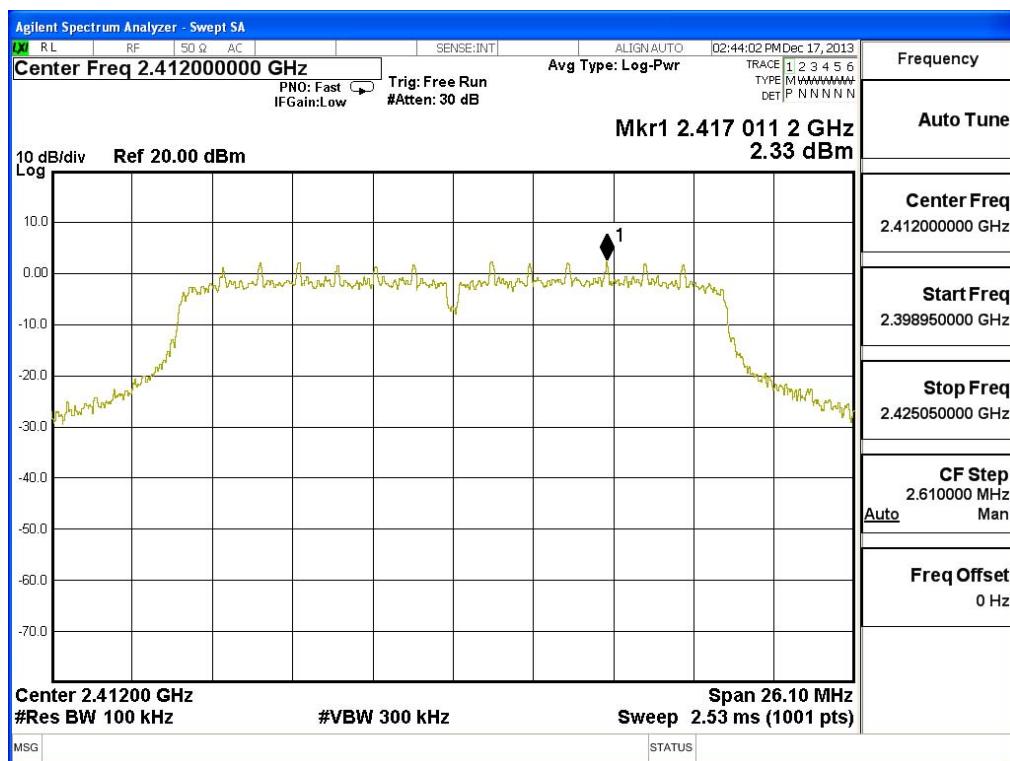
**Figure Channel 11:**



Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2412MHz)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	2.33	< 8dBm	Pass

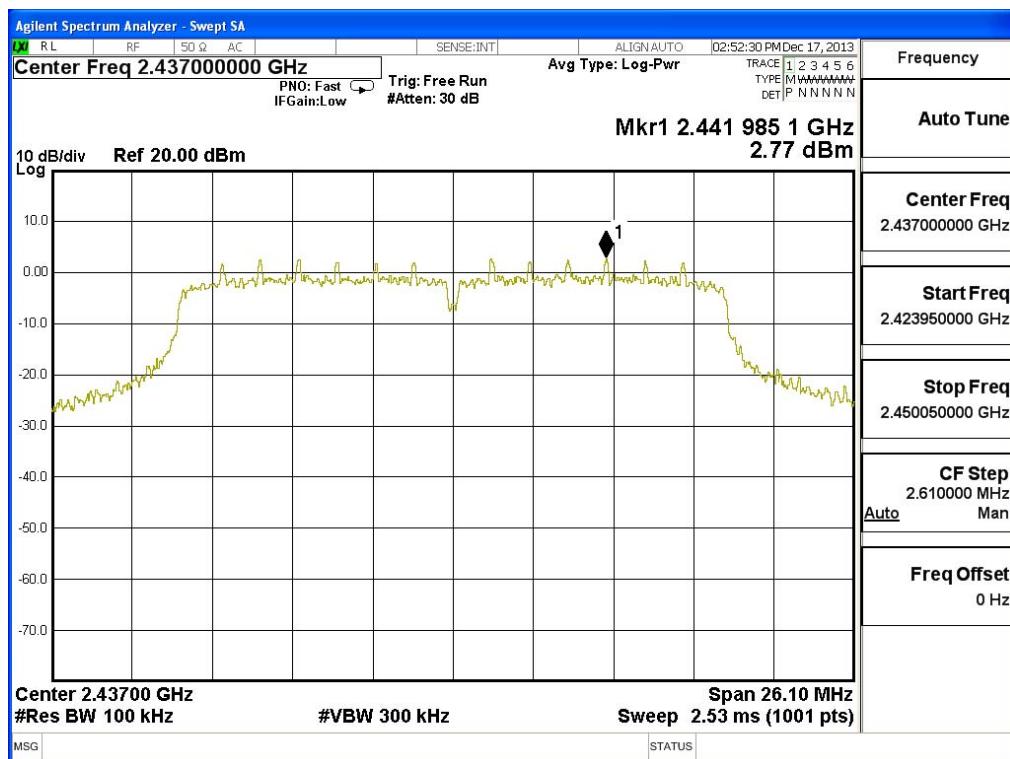
**Figure Channel 1:**



Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2437	2.77	< 8dBm	Pass

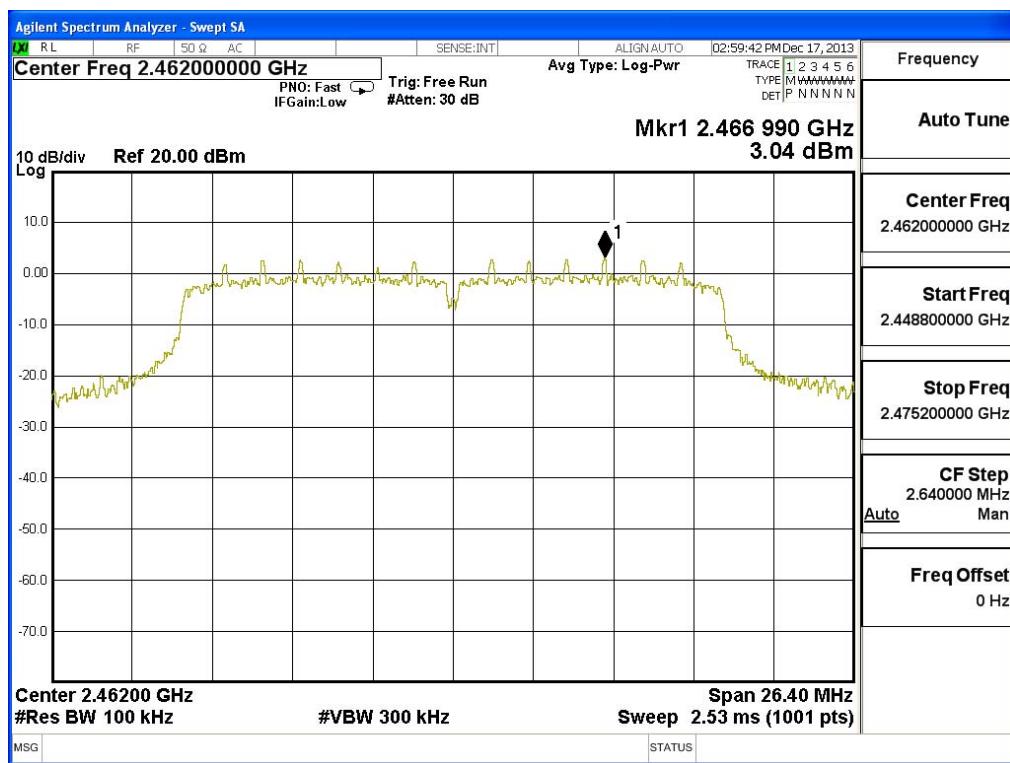
**Figure Channel 6:**



Product : Free Style CAMERA QBiC  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11	2462	3.04	< 8dBm	Pass

**Figure Channel 11:**



**9. EMI Reduction Method During Compliance Testing**

No modification was made during testing.

Attachment 1: EUT Test Photographs

## Attachment 2: EUT Detailed Photographs