6. Radiated Emission Band Edge

6.1. Test Equipment

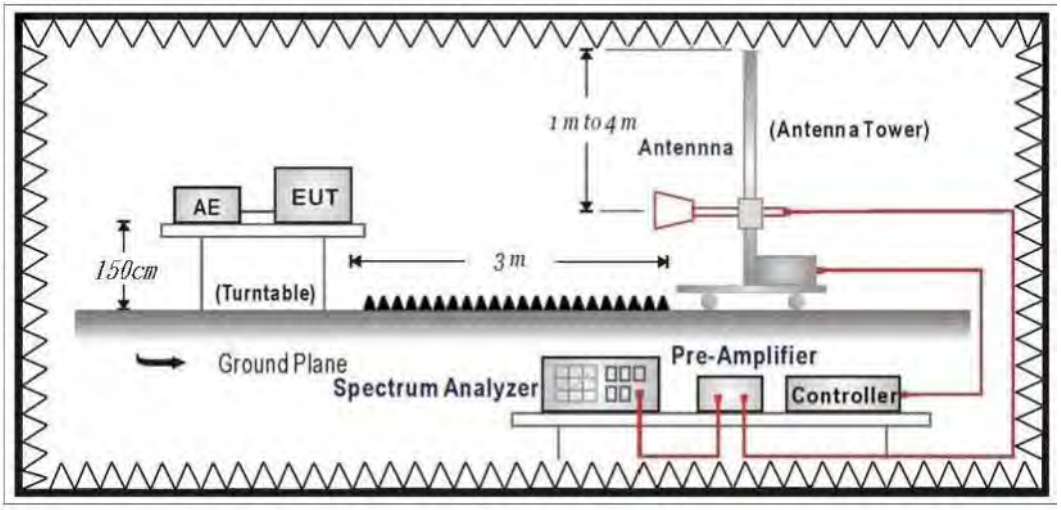
The following test equipment are used during the test:

Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzbeck	BBHA 9120	D743	2017/01/14
Spectrum Analyzer	Agilent	E4440A	MY46187335	2016/12/24
k Type Cable	Huber+Suhner	SF 102	25623/2	2017/01/11
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2017/01/03

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

6.2. Test Setup



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: 2013 and tested according to DTS test procedure of KDB558074 V03r05 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 1.5 meter above ground.
The turn table can rotate 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 can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

6.5. Test Specification

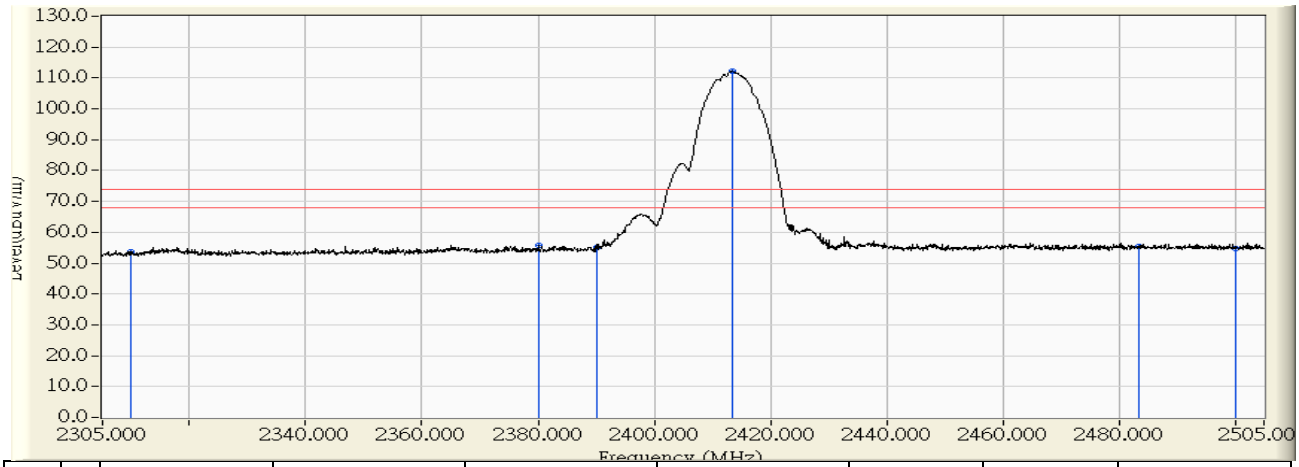
According to FCC Part 15 Subpart C Paragraph 15.247: 2015

6.6. Uncertainty

The measurement uncertainty
± 3.9 dB above 1GHz

6.7. Test Result

Site : CB1	**Time : 2016/04/20 - 15:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2412MHz**

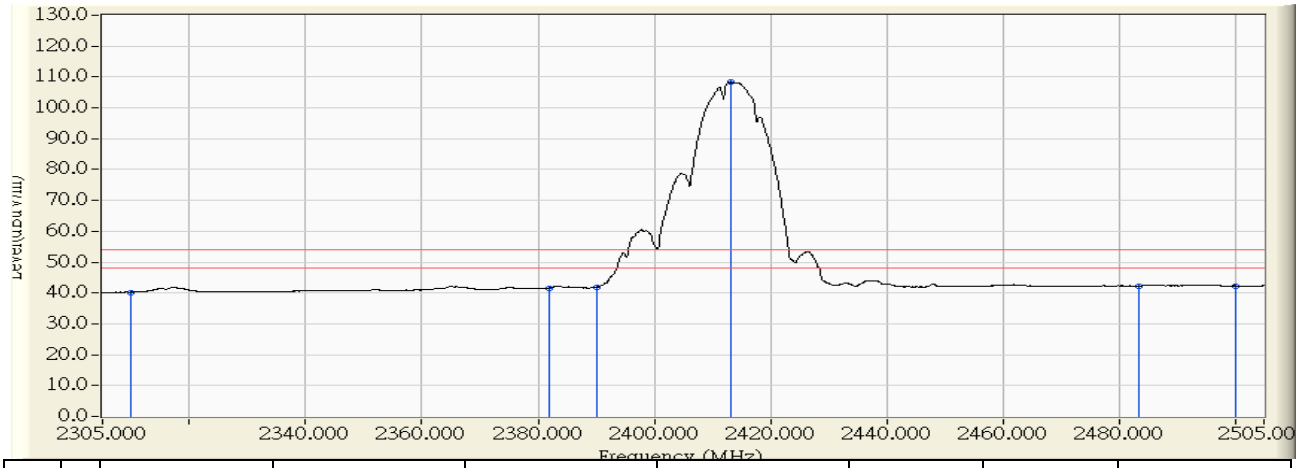


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	25.598	53.728	-20.272	74.000	PEAK
2		2380.100	28.834	26.929	55.763	-18.237	74.000	PEAK
3		2390.000	28.933	26.198	55.131	-18.869	74.000	PEAK
4	*	2413.400	29.168	82.911	112.079	38.079	74.000	PEAK
5		2483.500	29.829	25.585	55.414	-18.586	74.000	PEAK
6		2500.000	29.826	24.956	54.781	-19.219	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 15:13**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2412MHz**

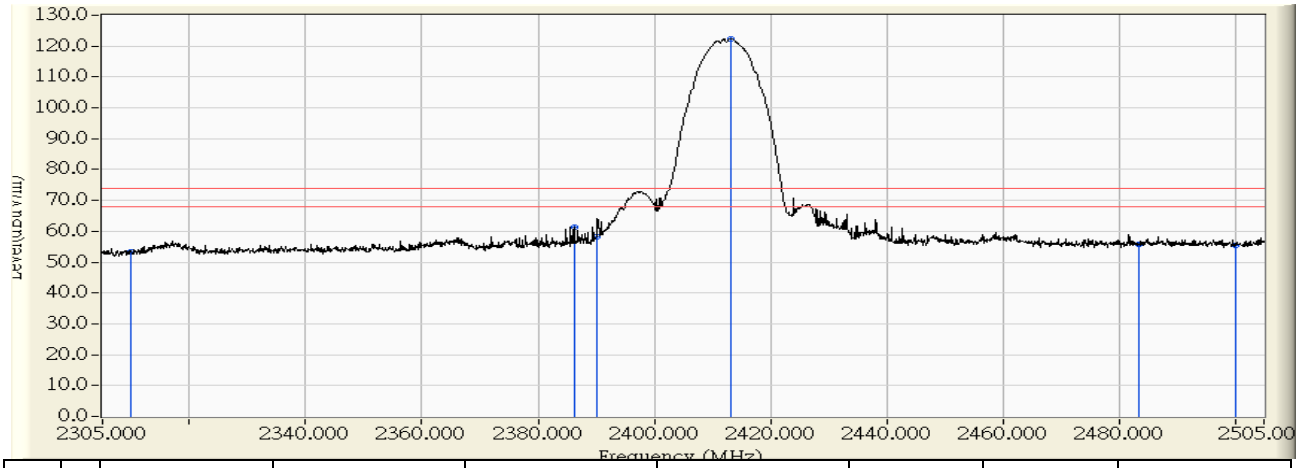


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.110	40.240	-13.760	54.000	AVERAGE
2		2381.800	28.850	12.763	41.614	-12.386	54.000	AVERAGE
3		2390.000	28.933	12.949	41.882	-12.118	54.000	AVERAGE
4	*	2413.200	29.166	79.178	108.344	54.344	54.000	AVERAGE
5		2483.500	29.829	12.486	42.315	-11.685	54.000	AVERAGE
6		2500.000	29.826	12.466	42.291	-11.709	54.000	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.

Site : CB1	**Time : 2016/04/20 - 15:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2412MHz**

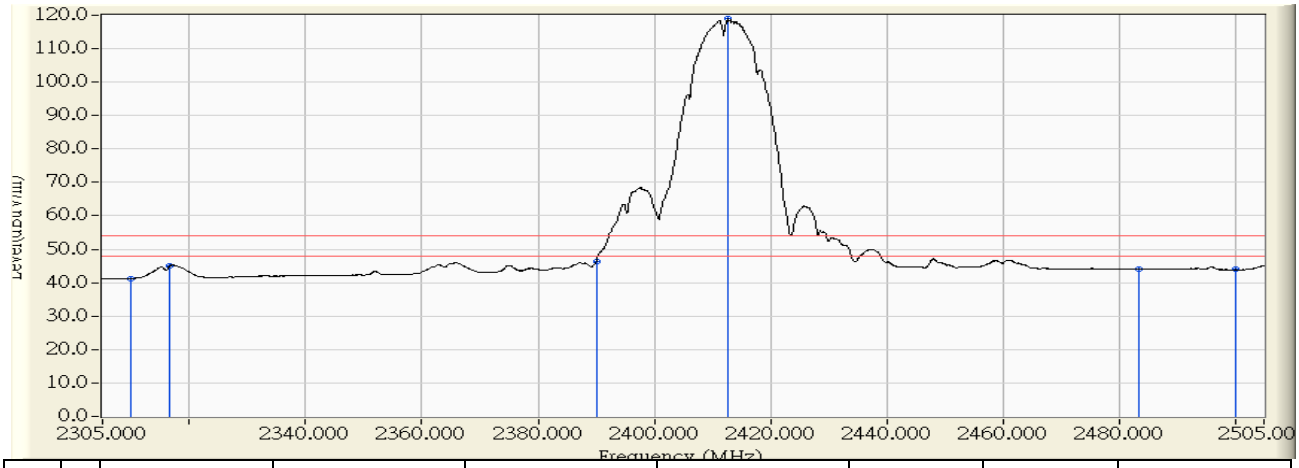


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.701	53.485	-20.515	74.000	PEAK
2		2386.300	29.703	31.644	61.347	-12.653	74.000	PEAK
3		2390.000	29.747	28.477	58.224	-15.776	74.000	PEAK
4	*	2413.100	30.025	92.383	122.408	48.408	74.000	PEAK
5		2483.500	30.830	24.839	55.669	-18.331	74.000	PEAK
6		2500.000	30.860	24.675	55.534	-18.466	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 15:12**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2412MHz**

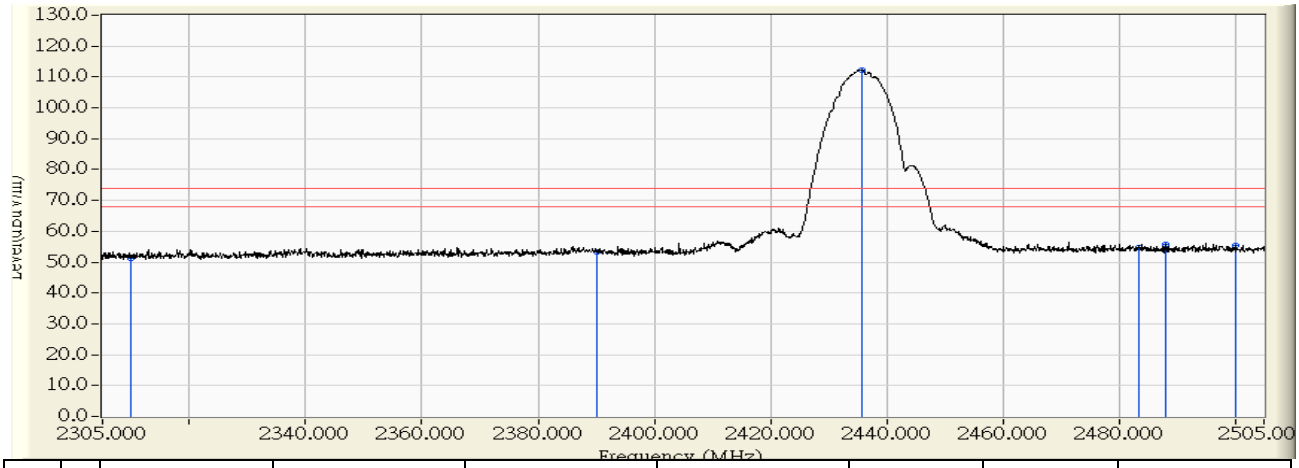


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.485	41.269	-12.731	54.000	PEAK
2		2316.600	28.863	16.245	45.108	-8.892	54.000	PEAK
3		2390.000	29.747	16.552	46.299	-7.701	54.000	PEAK
4	*	2412.700	30.020	88.887	118.907	64.907	54.000	PEAK
5		2483.500	30.830	13.216	44.046	-9.954	54.000	PEAK
6		2500.000	30.860	13.071	43.930	-10.070	54.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 15:27**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2437MHz**

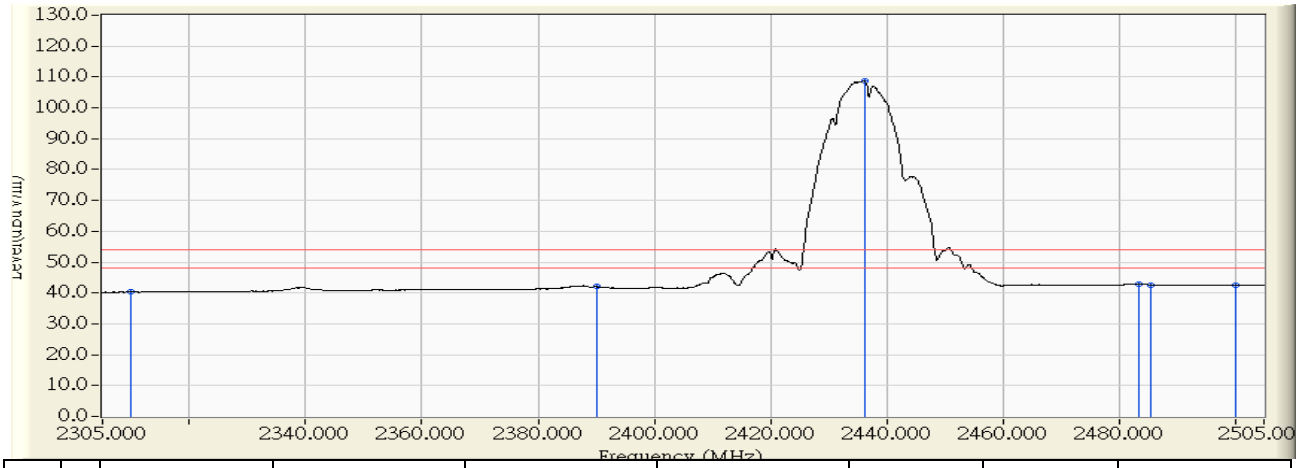


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	23.131	51.261	-22.739	74.000	PEAK
2		2390.000	28.933	24.273	53.206	-20.794	74.000	PEAK
3	*	2435.700	29.392	82.911	112.303	38.303	74.000	PEAK
4		2483.500	29.829	24.877	54.706	-19.294	74.000	PEAK
5		2488.000	29.831	25.777	55.608	-18.392	74.000	PEAK
6		2500.000	29.826	25.532	55.357	-18.643	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 15:28**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2437MHz**

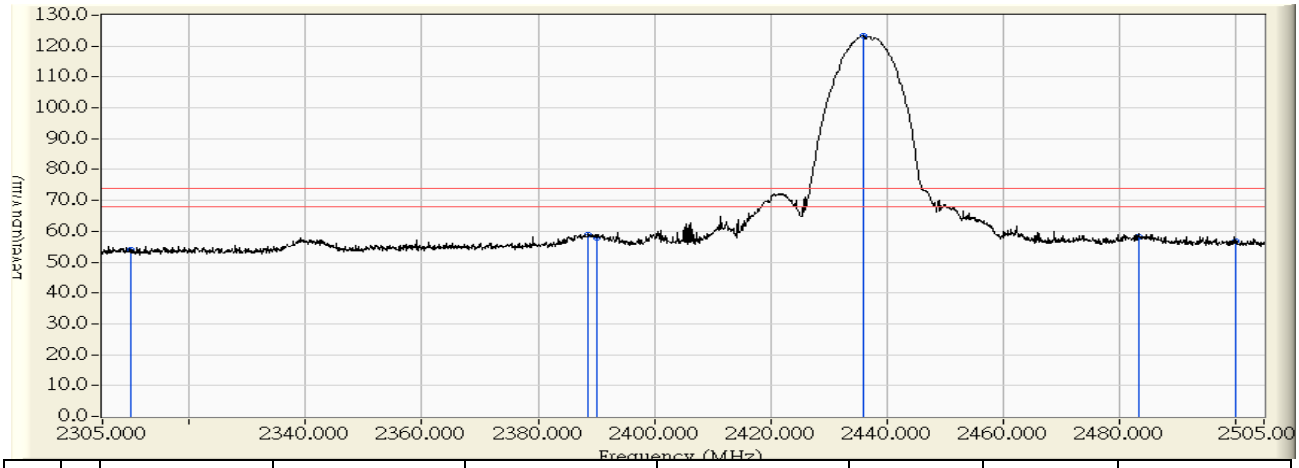


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.128	40.258	-13.742	54.000	AVERAGE
2		2390.000	28.933	13.097	42.030	-11.970	54.000	AVERAGE
3	*	2436.200	29.397	79.447	108.844	54.844	54.000	AVERAGE
4		2483.500	29.829	13.042	42.871	-11.129	54.000	AVERAGE
5		2485.400	29.830	12.858	42.688	-11.312	54.000	AVERAGE
6		2500.000	29.826	12.631	42.456	-11.544	54.000	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.

Site : CB1	**Time : 2016/04/20 - 15:22**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2437MHz**

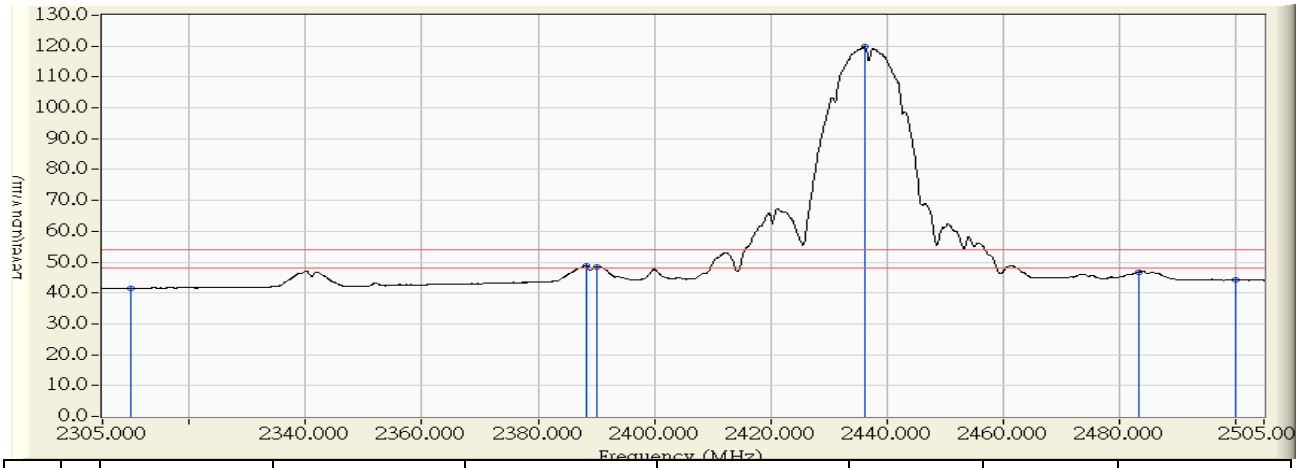


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	25.383	54.167	-19.833	74.000	PEAK
2		2388.600	29.731	29.094	58.824	-15.176	74.000	PEAK
3		2390.000	29.747	28.258	58.005	-15.995	74.000	PEAK
4	*	2435.900	30.300	92.924	123.224	49.224	74.000	PEAK
5		2483.500	30.830	27.284	58.114	-15.886	74.000	PEAK
6		2500.000	30.860	25.943	56.802	-17.198	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 15:20**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2437MHz**

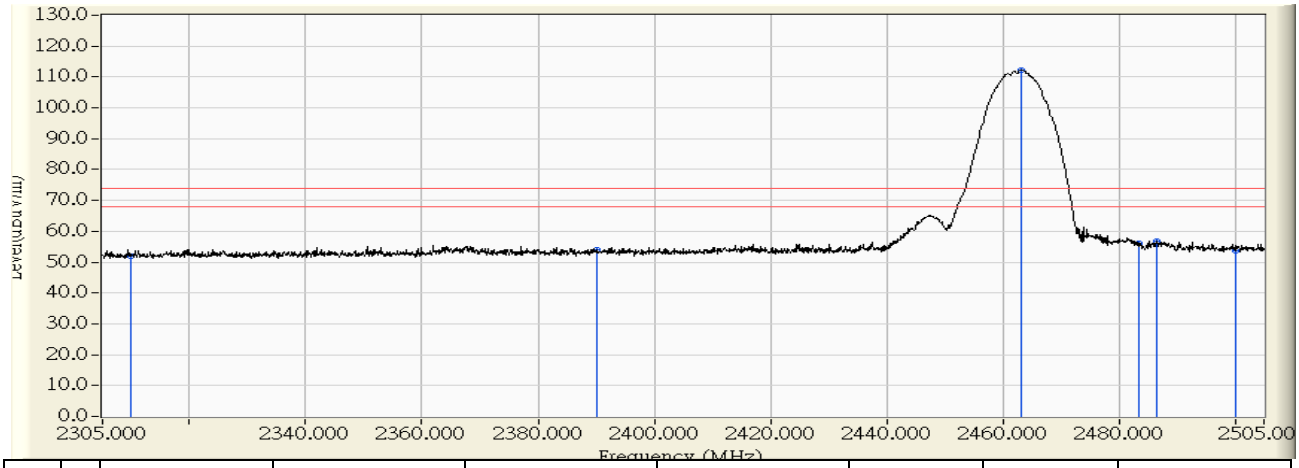


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.789	41.573	-12.427	54.000	AVERAGE
2		2388.300	29.727	18.981	48.708	-5.292	54.000	AVERAGE
3		2390.000	29.747	18.619	48.366	-5.634	54.000	AVERAGE
4	*	2436.200	30.303	89.691	119.994	65.994	54.000	AVERAGE
5		2483.500	30.830	15.998	46.828	-7.172	54.000	AVERAGE
6		2500.000	30.860	13.262	44.121	-9.879	54.000	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.

Site : CB1	**Time : 2016/04/20 - 15:45**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2462MHz**

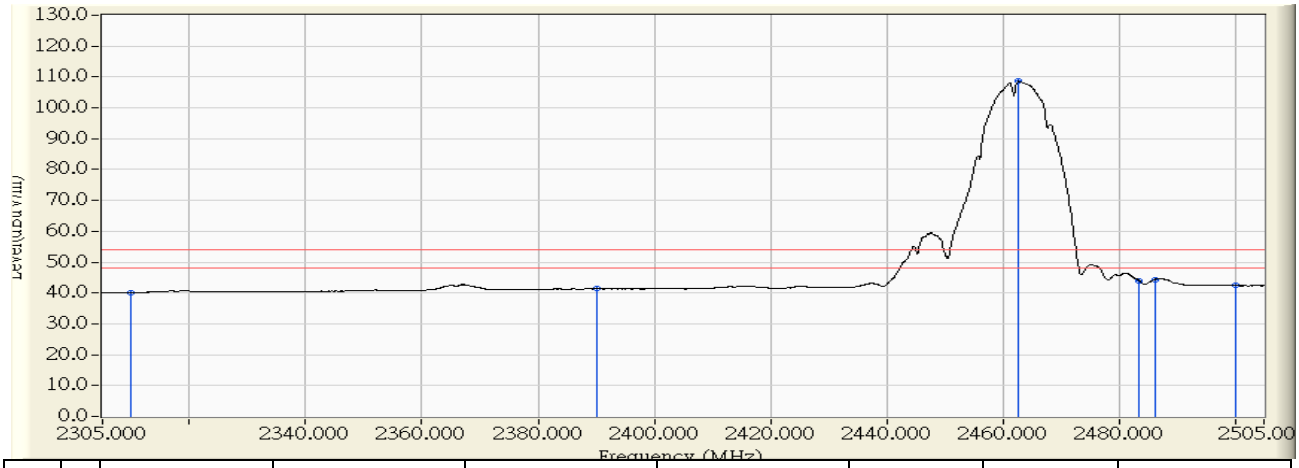


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	23.658	51.788	-22.212	74.000	PEAK
2		2390.000	28.933	24.981	53.914	-20.086	74.000	PEAK
3	*	2463.200	29.668	82.589	112.257	38.257	74.000	PEAK
4		2483.500	29.829	26.228	56.057	-17.943	74.000	PEAK
5		2486.600	29.831	27.079	56.910	-17.090	74.000	PEAK
6		2500.000	29.826	23.832	53.657	-20.343	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 15:46**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2462MHz**

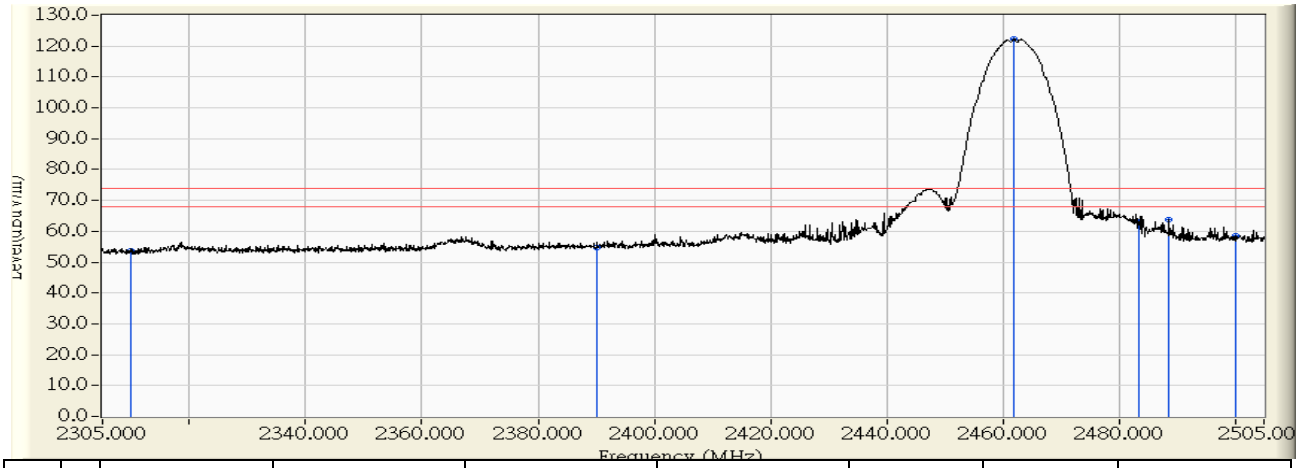


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.071	40.201	-13.799	54.000	AVERAGE
2		2390.000	28.933	12.439	41.372	-12.628	54.000	AVERAGE
3	*	2462.800	29.664	79.009	108.673	54.673	54.000	AVERAGE
4		2483.500	29.829	14.130	43.959	-10.041	54.000	AVERAGE
5		2486.200	29.831	14.563	44.393	-9.607	54.000	AVERAGE
6		2500.000	29.826	12.633	42.458	-11.542	54.000	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.

Site : CB1	**Time : 2016/04/20 - 15:41**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2462MHz**

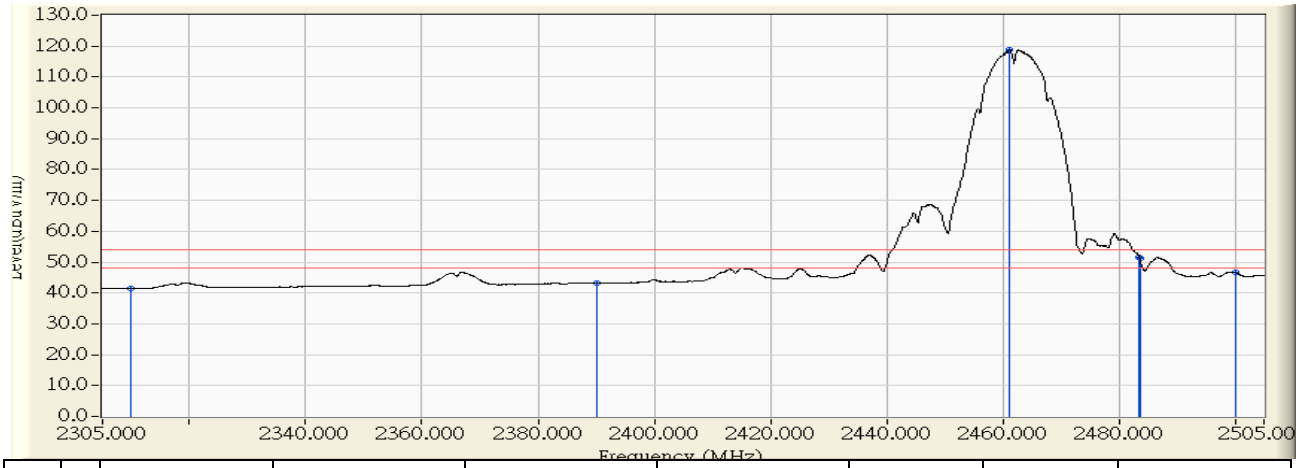


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.762	53.546	-20.454	74.000	PEAK
2		2390.000	29.747	25.134	54.881	-19.119	74.000	PEAK
3	*	2461.900	30.613	91.641	122.254	48.254	74.000	PEAK
4		2483.500	30.830	32.375	63.205	-10.795	74.000	PEAK
5		2488.700	30.843	33.066	63.909	-10.091	74.000	PEAK
6		2500.000	30.860	27.653	58.512	-15.488	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 15:39**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11b_2462MHz**

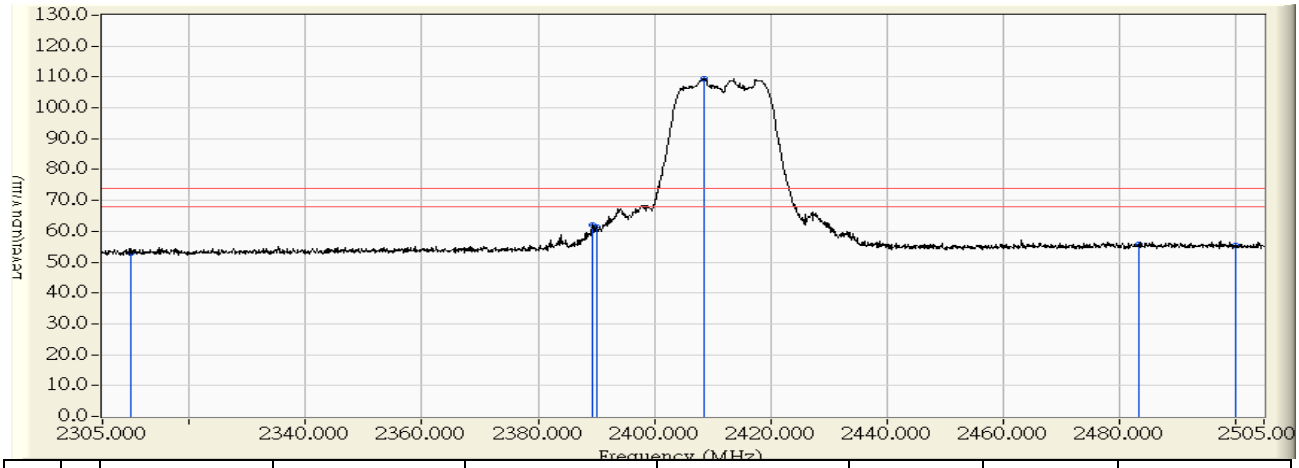


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.688	41.472	-12.528	54.000	AVERAGE
2		2390.000	29.747	13.607	43.354	-10.646	54.000	AVERAGE
3	*	2461.200	30.605	88.260	118.864	64.864	54.000	AVERAGE
4		2483.500	30.830	20.874	51.704	-2.296	54.000	AVERAGE
5		2483.600	30.831	20.376	51.206	-2.794	54.000	AVERAGE
6		2500.000	30.860	15.782	46.641	-7.359	54.000	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.

Site : CB1	**Time : 2016/04/20 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2412MHz**

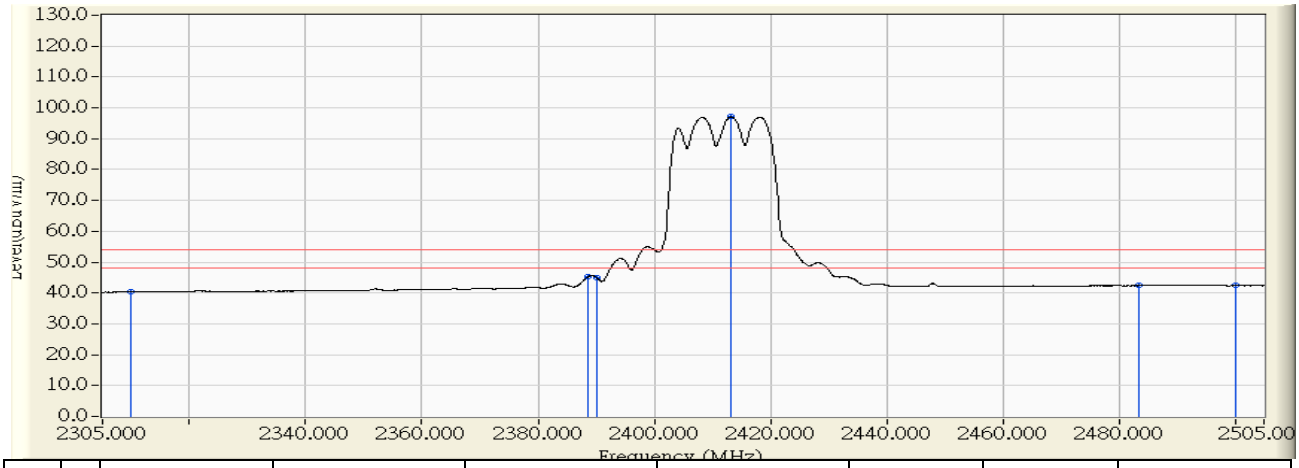


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.964	53.094	-20.906	74.000	PEAK
2		2389.400	28.927	32.942	61.869	-12.131	74.000	PEAK
3		2390.000	28.933	32.258	61.191	-12.809	74.000	PEAK
4	*	2408.600	29.120	80.474	109.594	35.594	74.000	PEAK
5		2483.500	29.829	25.801	55.630	-18.370	74.000	PEAK
6		2500.000	29.826	25.702	55.527	-18.473	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 16:08**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2412MHz**

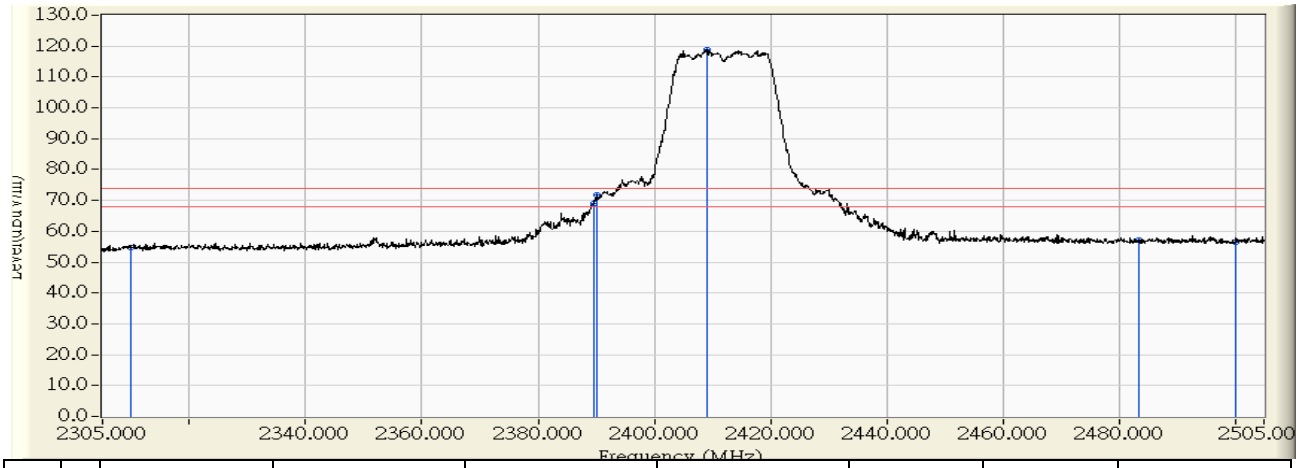


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.182	40.312	-13.688	54.000	AVERAGE
2		2388.700	28.920	16.369	45.289	-8.711	54.000	AVERAGE
3		2390.000	28.933	16.123	45.056	-8.944	54.000	AVERAGE
4	*	2413.300	29.167	67.898	97.065	43.065	54.000	AVERAGE
5		2483.500	29.829	12.577	42.406	-11.594	54.000	AVERAGE
6		2500.000	29.826	12.547	42.372	-11.628	54.000	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.

Site : CB1	**Time : 2016/04/20 - 16:03**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2412MHz**

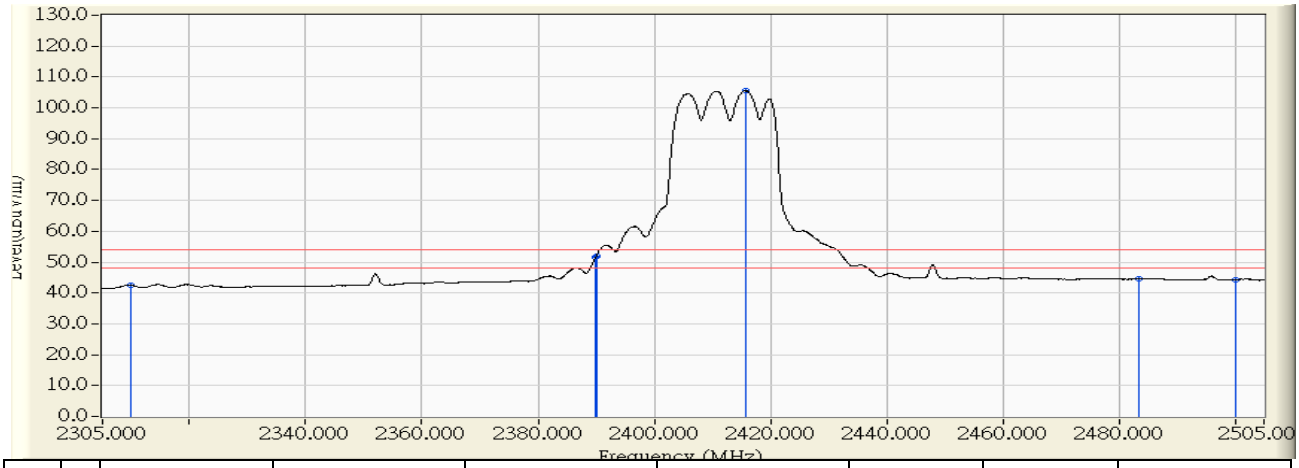


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	25.865	54.649	-19.351	74.000	PEAK
2		2389.500	29.741	39.336	69.077	-4.923	74.000	PEAK
3		2390.000	29.747	42.185	71.932	-2.068	74.000	PEAK
4	*	2409.000	29.976	88.940	118.916	44.916	74.000	PEAK
5		2483.500	30.830	26.291	57.121	-16.879	74.000	PEAK
6		2500.000	30.860	25.572	56.431	-17.569	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 16:01**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2412MHz**

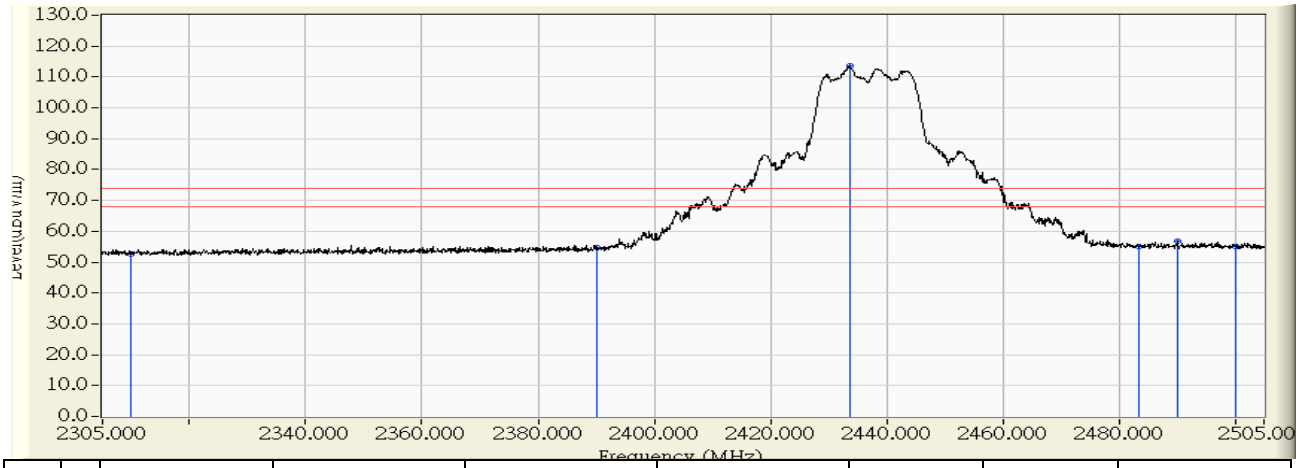


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	13.693	42.477	-11.523	54.000	AVERAGE
2		2389.900	29.746	21.885	51.631	-2.369	54.000	AVERAGE
3		2390.000	29.747	22.263	52.010	-1.990	54.000	AVERAGE
4	*	2415.700	30.057	75.517	105.574	51.574	54.000	AVERAGE
5		2483.500	30.830	13.646	44.476	-9.524	54.000	AVERAGE
6		2500.000	30.860	13.400	44.259	-9.741	54.000	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.

Site : CB1	**Time : 2016/04/20 - 16:20**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2437MHz**

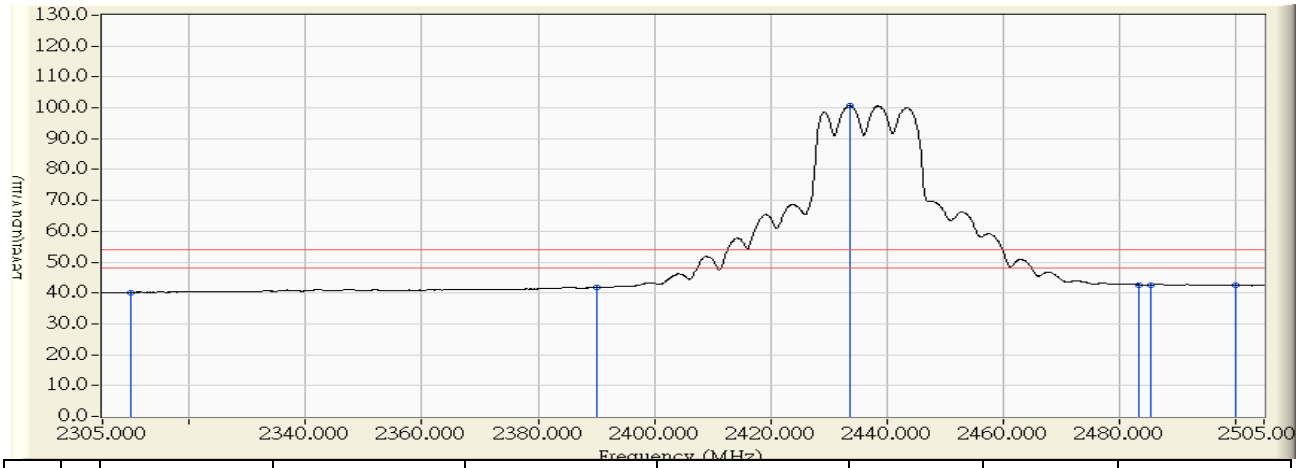


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.536	52.666	-21.334	74.000	PEAK
2		2390.000	28.933	25.828	54.761	-19.239	74.000	PEAK
3	*	2433.600	29.371	84.085	113.456	39.456	74.000	PEAK
4		2483.500	29.829	25.127	54.956	-19.044	74.000	PEAK
5		2490.100	29.832	26.841	56.673	-17.327	74.000	PEAK
6		2500.000	29.826	25.131	54.956	-19.044	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 16:18**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2437MHz**

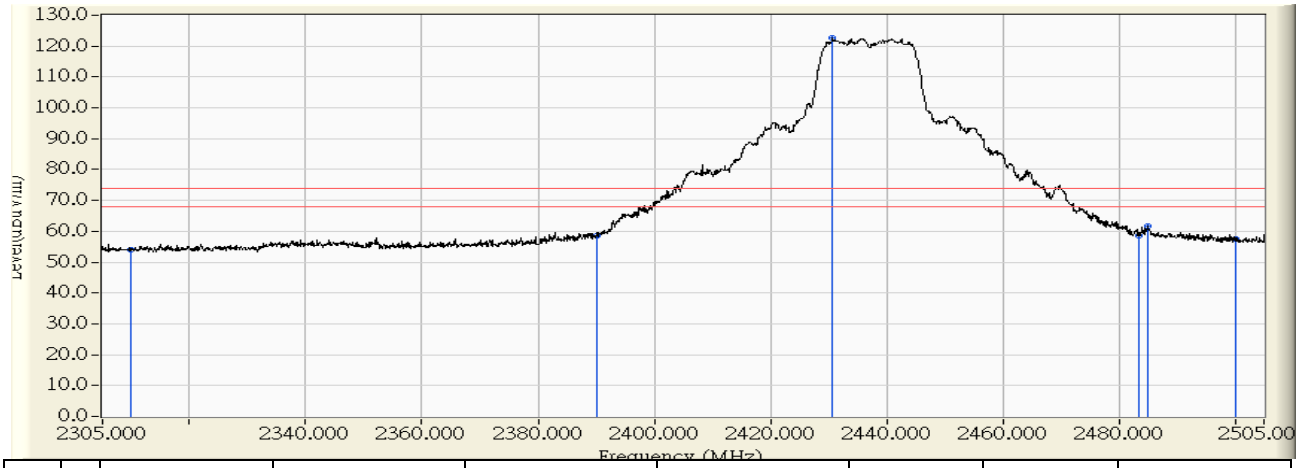


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.068	40.198	-13.802	54.000	AVERAGE
2		2390.000	28.933	12.946	41.879	-12.121	54.000	AVERAGE
3	*	2433.600	29.371	71.321	100.692	46.692	54.000	AVERAGE
4		2483.500	29.829	12.863	42.692	-11.308	54.000	AVERAGE
5		2485.400	29.830	12.843	42.673	-11.327	54.000	AVERAGE
6		2500.000	29.826	12.554	42.379	-11.621	54.000	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.

Site : CB1	**Time : 2016/04/20 - 16:15**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2437MHz**

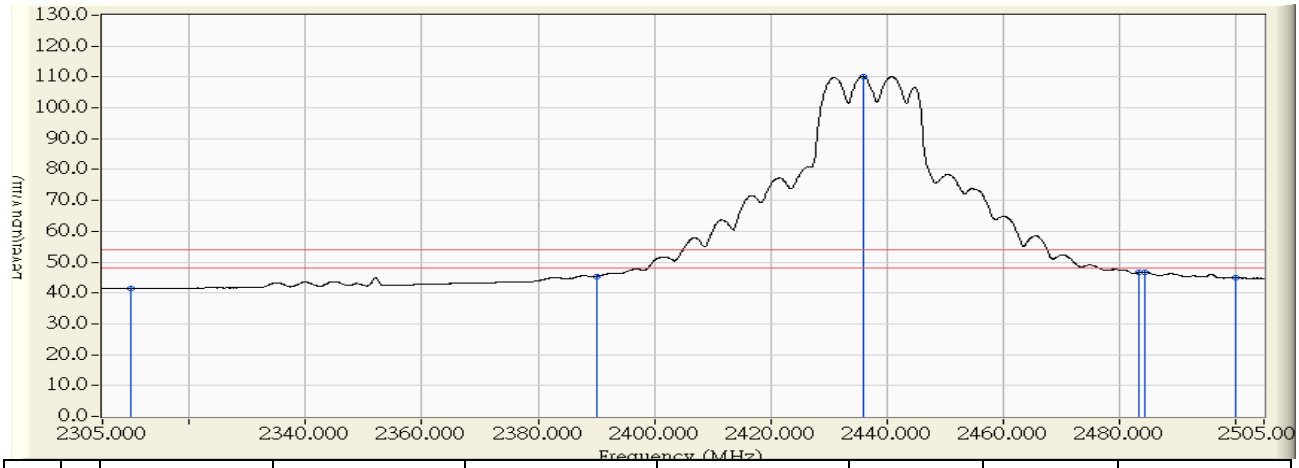


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	25.164	53.948	-20.052	74.000	PEAK
2		2390.000	29.747	28.662	58.409	-15.591	74.000	PEAK
3	*	2430.700	30.237	92.296	122.533	48.533	74.000	PEAK
4		2483.500	30.830	27.682	58.512	-15.488	74.000	PEAK
5		2484.900	30.833	30.730	61.564	-12.436	74.000	PEAK
6		2500.000	30.860	26.697	57.556	-16.444	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 16:13**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2437MHz**

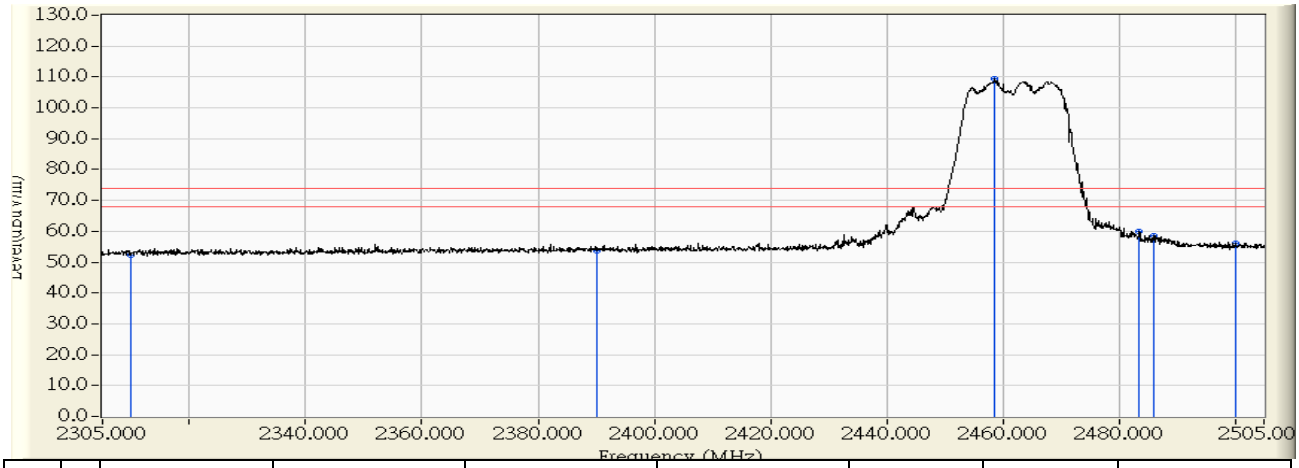


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.644	41.428	-12.572	54.000	AVERAGE
2		2390.000	29.747	15.697	45.444	-8.556	54.000	AVERAGE
3	*	2436.000	30.301	79.921	110.222	56.222	54.000	AVERAGE
4		2483.500	30.830	15.875	46.705	-7.295	54.000	AVERAGE
5		2484.400	30.832	15.950	46.782	-7.218	54.000	AVERAGE
6		2500.000	30.860	13.993	44.852	-9.148	54.000	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.

Site : CB1	**Time : 2016/04/20 - 16:38**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2462MHz**

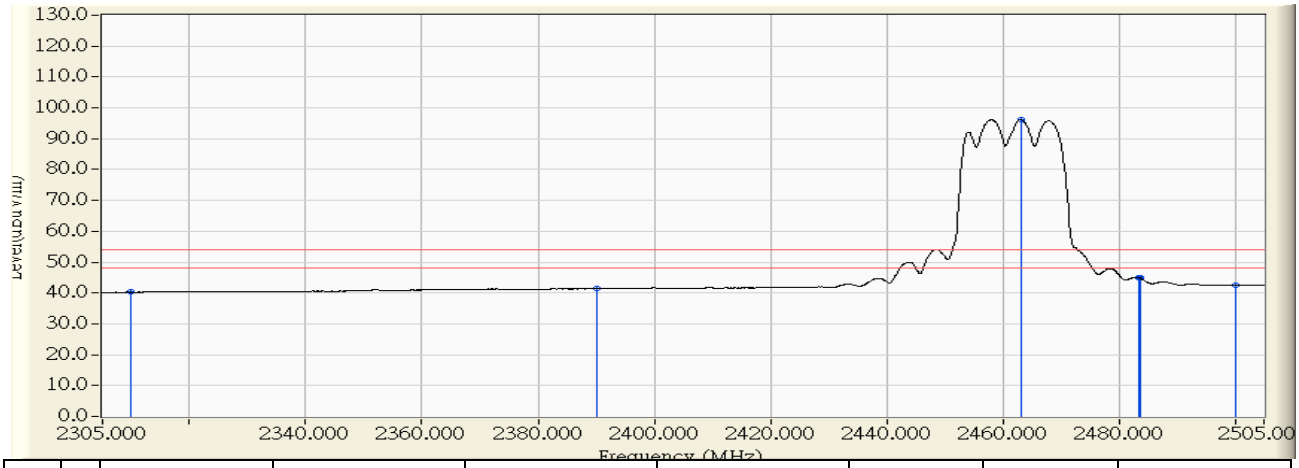


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.320	52.450	-21.550	74.000	PEAK
2		2390.000	28.933	24.814	53.747	-20.253	74.000	PEAK
3	*	2458.700	29.623	79.827	109.450	35.450	74.000	PEAK
4		2483.500	29.829	30.095	59.924	-14.076	74.000	PEAK
5		2486.100	29.831	28.712	58.542	-15.458	74.000	PEAK
6		2500.000	29.826	26.452	56.277	-17.723	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 16:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2462MHz**

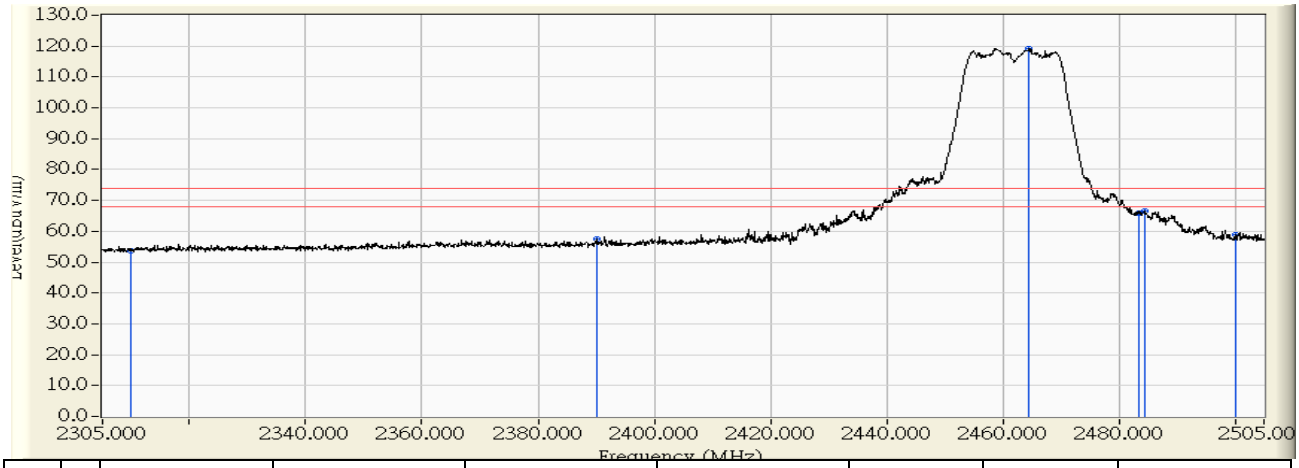


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.127	40.257	-13.743	54.000	AVERAGE
2		2390.000	28.933	12.457	41.390	-12.610	54.000	AVERAGE
3	*	2463.100	29.667	66.561	96.228	42.228	54.000	AVERAGE
4		2483.500	29.829	15.022	44.851	-9.149	54.000	AVERAGE
5		2483.600	29.829	15.004	44.833	-9.167	54.000	AVERAGE
6		2500.000	29.826	12.640	42.465	-11.535	54.000	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.

Site : CB1	**Time : 2016/04/20 - 16:30**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2462MHz**

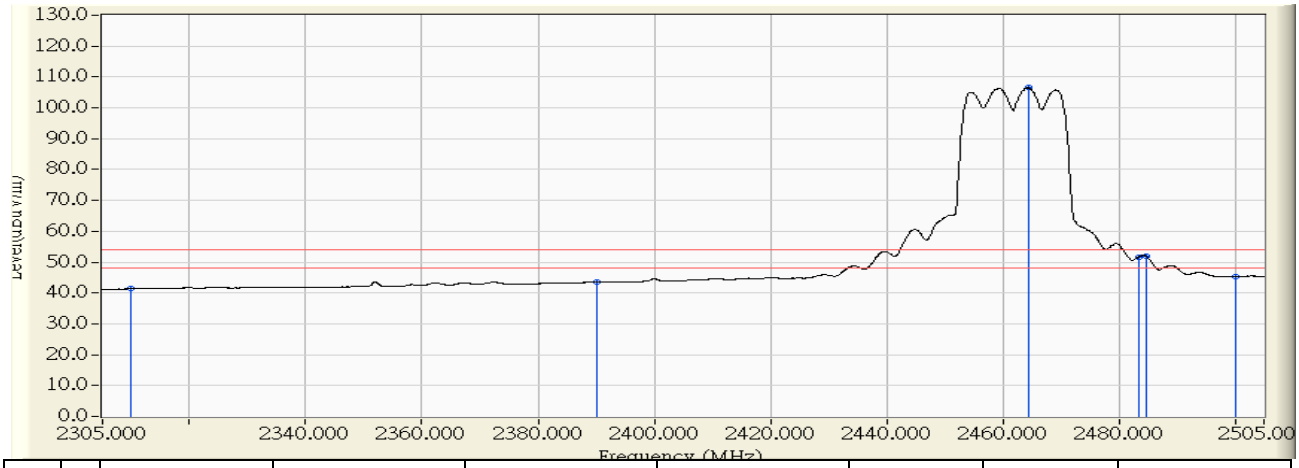


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.792	53.576	-20.424	74.000	PEAK
2		2390.000	29.747	27.827	57.574	-16.426	74.000	PEAK
3	*	2464.600	30.646	88.567	119.212	45.212	74.000	PEAK
4		2483.500	30.830	35.213	66.043	-7.957	74.000	PEAK
5		2484.500	30.833	35.568	66.401	-7.599	74.000	PEAK
6		2500.000	30.860	27.905	58.764	-15.236	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 16:27**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 1: TX_CDD Mode (11b/g)_ ADP1 _802.11g_2462MHz**

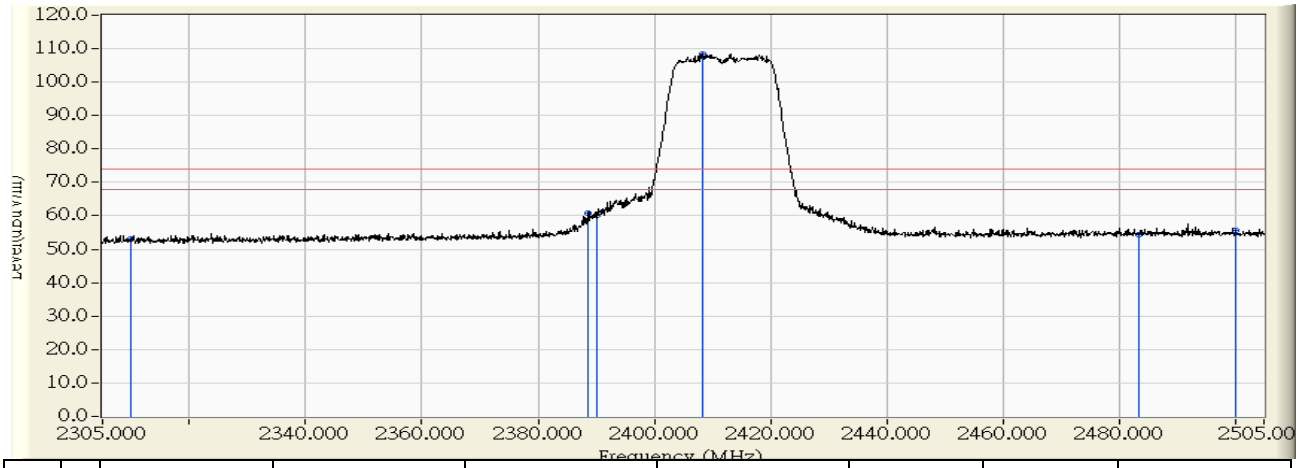


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.603	41.387	-12.613	54.000	AVERAGE
2		2390.000	29.747	13.852	43.599	-10.401	54.000	AVERAGE
3	*	2464.400	30.643	75.891	106.534	52.534	54.000	AVERAGE
4		2483.500	30.830	20.905	51.735	-2.265	54.000	AVERAGE
5		2484.700	30.833	21.026	51.859	-2.141	54.000	AVERAGE
6		2500.000	30.860	14.437	45.296	-8.704	54.000	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.

Site : CB1	**Time : 2016/04/20 - 11:13**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2412MHz**

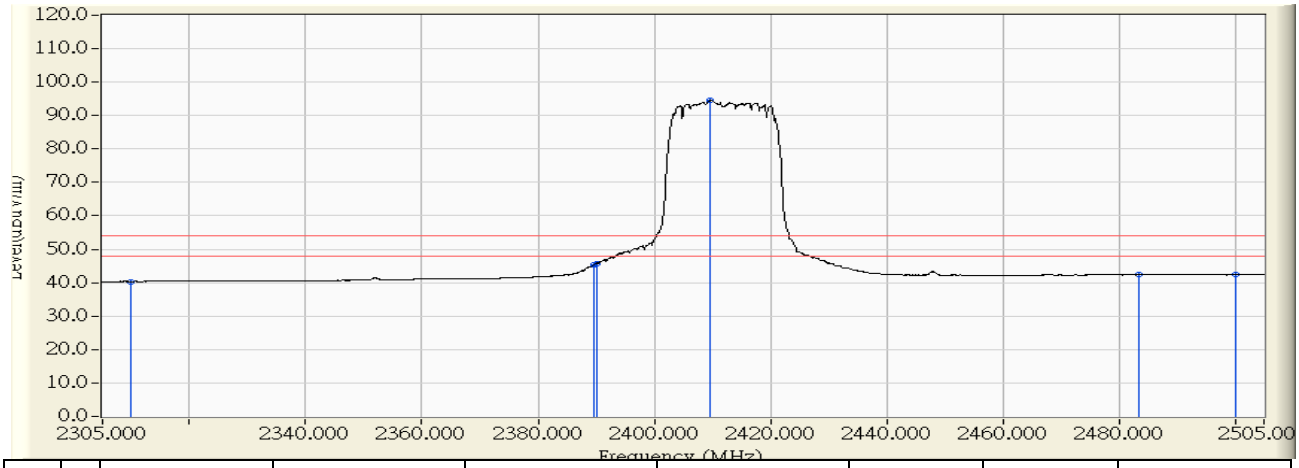


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.916	53.046	-20.954	74.000	PEAK
2		2388.700	28.920	31.959	60.879	-13.121	74.000	PEAK
3		2390.000	28.933	31.132	60.065	-13.935	74.000	PEAK
4	*	2408.300	29.116	79.456	108.573	34.573	74.000	PEAK
5		2483.500	29.829	24.635	54.464	-19.536	74.000	PEAK
6		2500.000	29.826	25.796	55.621	-18.379	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 11:15**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2412MHz**

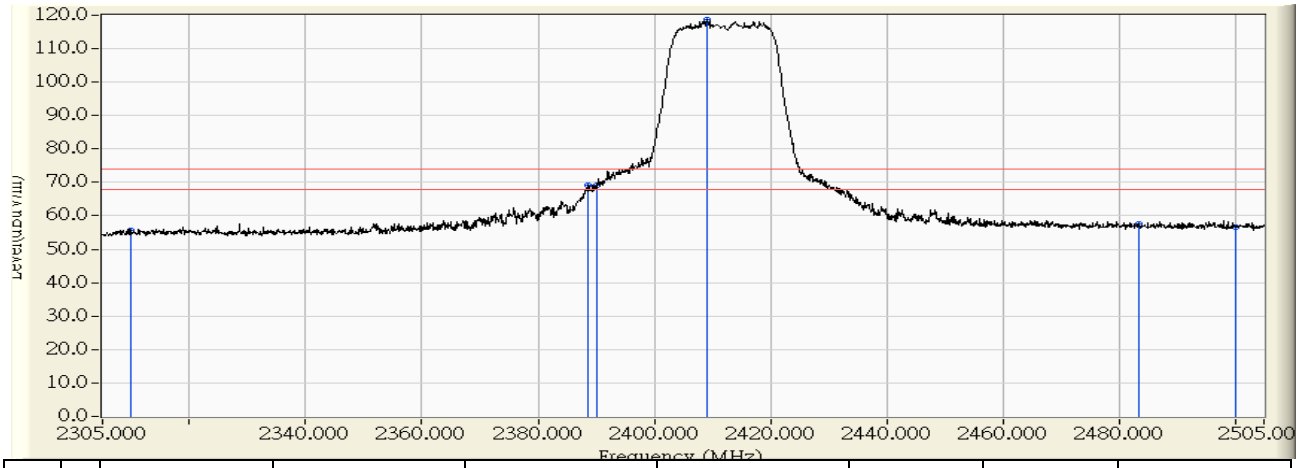


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.230	40.360	-13.640	54.000	AVERAGE
2		2389.600	28.929	16.392	45.321	-8.679	54.000	AVERAGE
3		2390.000	28.933	16.783	45.716	-8.284	54.000	AVERAGE
4	*	2409.700	29.131	65.455	94.586	40.586	54.000	AVERAGE
5		2483.500	29.829	12.542	42.371	-11.629	54.000	AVERAGE
6		2500.000	29.826	12.736	42.561	-11.439	54.000	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.

Site : CB1	**Time : 2016/04/20 - 11:02**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2412MHz**

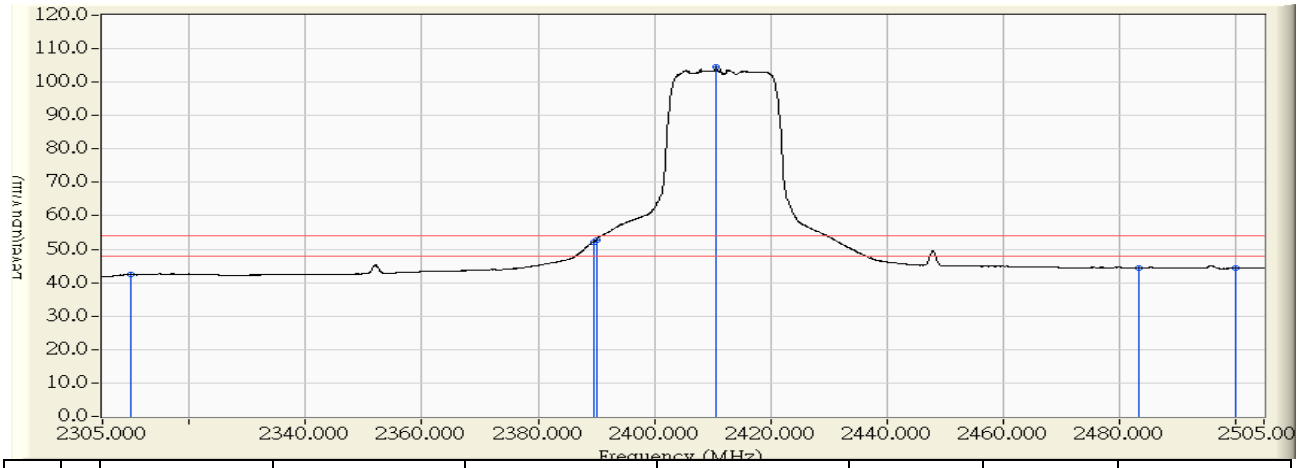


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	26.910	55.694	-18.306	74.000	PEAK
2		2388.600	29.731	39.302	69.032	-4.968	74.000	PEAK
3		2390.000	29.747	39.466	69.213	-4.787	74.000	PEAK
4	*	2409.100	29.977	88.712	118.689	44.689	74.000	PEAK
5		2483.500	30.830	26.893	57.723	-16.277	74.000	PEAK
6		2500.000	30.860	25.916	56.775	-17.225	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 11:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2412MHz**

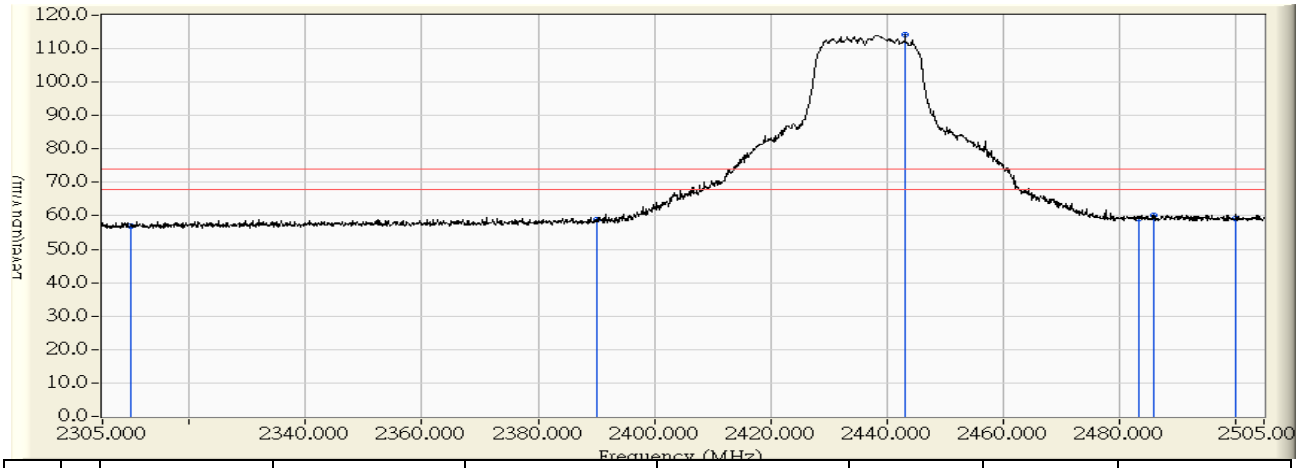


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	13.604	42.388	-11.612	54.000	AVERAGE
2		2389.500	29.741	22.523	52.264	-1.736	54.000	AVERAGE
3		2390.000	29.747	23.148	52.895	-1.105	54.000	AVERAGE
4	*	2410.600	29.995	74.601	104.596	50.596	54.000	AVERAGE
5		2483.500	30.830	13.601	44.431	-9.569	54.000	AVERAGE
6		2500.000	30.860	13.563	44.422	-9.578	54.000	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.

Site : CB1	**Time : 2016/04/20 - 11:42**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2437MHz**

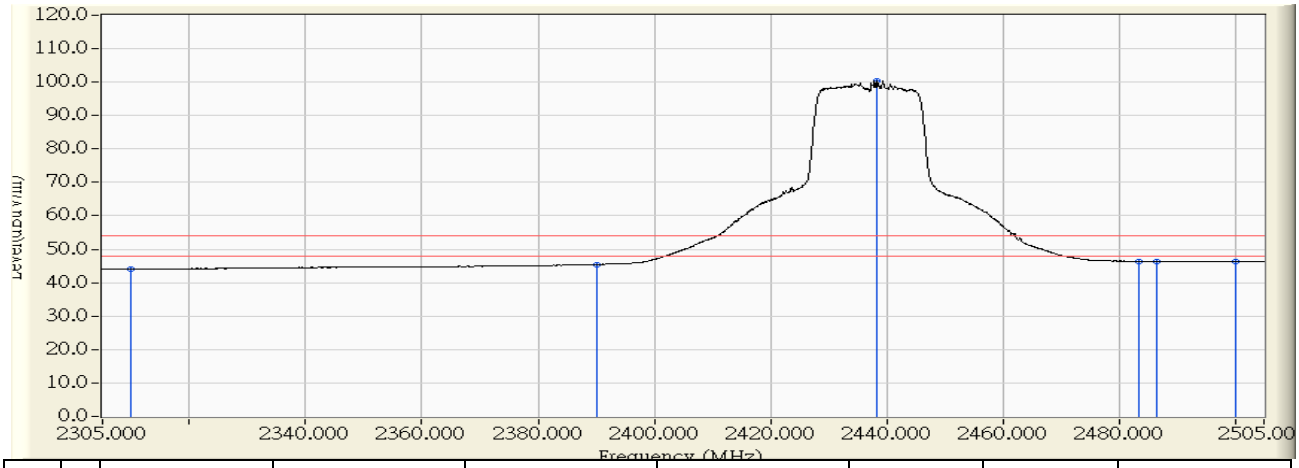


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	28.680	56.810	-17.190	74.000	PEAK
2		2390.000	28.933	29.785	58.718	-15.282	74.000	PEAK
3	*	2443.200	29.467	84.819	114.286	40.286	74.000	PEAK
4		2483.500	29.829	29.287	59.116	-14.884	74.000	PEAK
5		2486.100	29.831	30.215	60.045	-13.955	74.000	PEAK
6		2500.000	29.826	29.340	59.165	-14.835	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 11:43**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2437MHz**

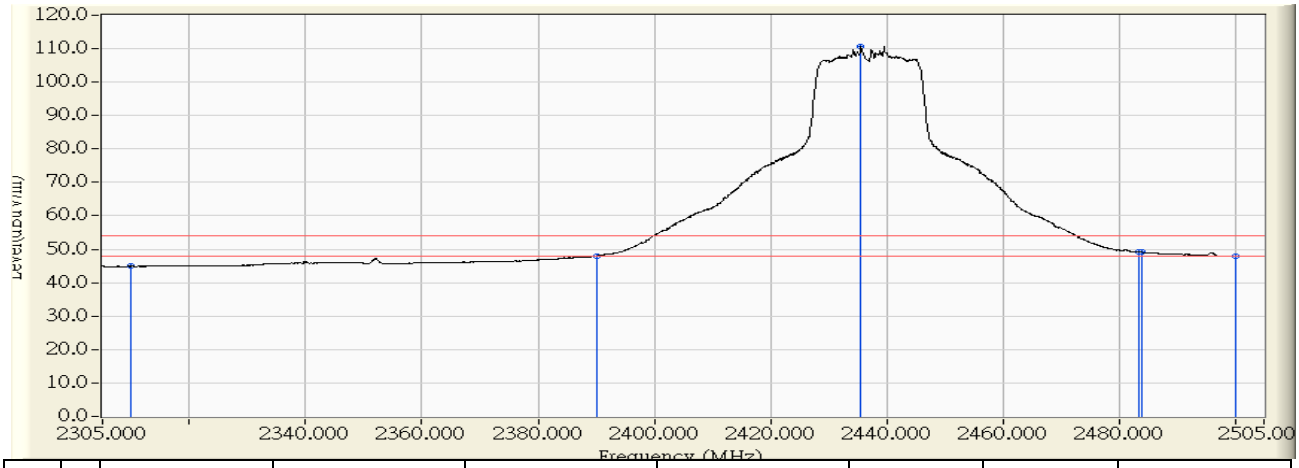


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	15.940	44.070	-9.930	54.000	AVERAGE
2		2390.000	28.933	16.490	45.423	-8.577	54.000	AVERAGE
3	*	2438.400	29.419	71.049	100.468	46.468	54.000	AVERAGE
4		2483.500	29.829	16.591	46.420	-7.580	54.000	AVERAGE
5		2486.500	29.831	16.560	46.391	-7.609	54.000	AVERAGE
6		2500.000	29.826	16.518	46.343	-7.657	54.000	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.

Site : CB1	**Time : 2016/04/20 - 11:39**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2437MHz**

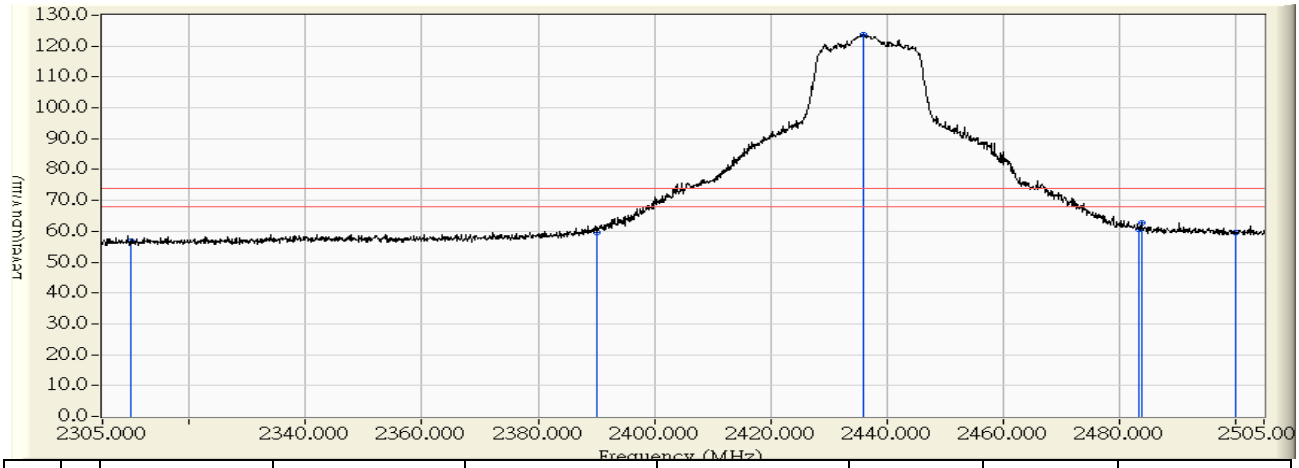


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	16.113	44.897	-9.103	54.000	AVERAGE
2		2390.000	29.747	18.260	48.007	-5.993	54.000	AVERAGE
3	*	2435.600	30.296	80.496	110.792	56.792	54.000	AVERAGE
4		2483.500	30.830	18.246	49.076	-4.924	54.000	AVERAGE
5		2483.900	30.831	18.250	49.081	-4.919	54.000	AVERAGE
6		2500.000	30.860	17.082	47.941	-6.059	54.000	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.

Site : CB1	**Time : 2016/04/20 - 11:39**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2437MHz**

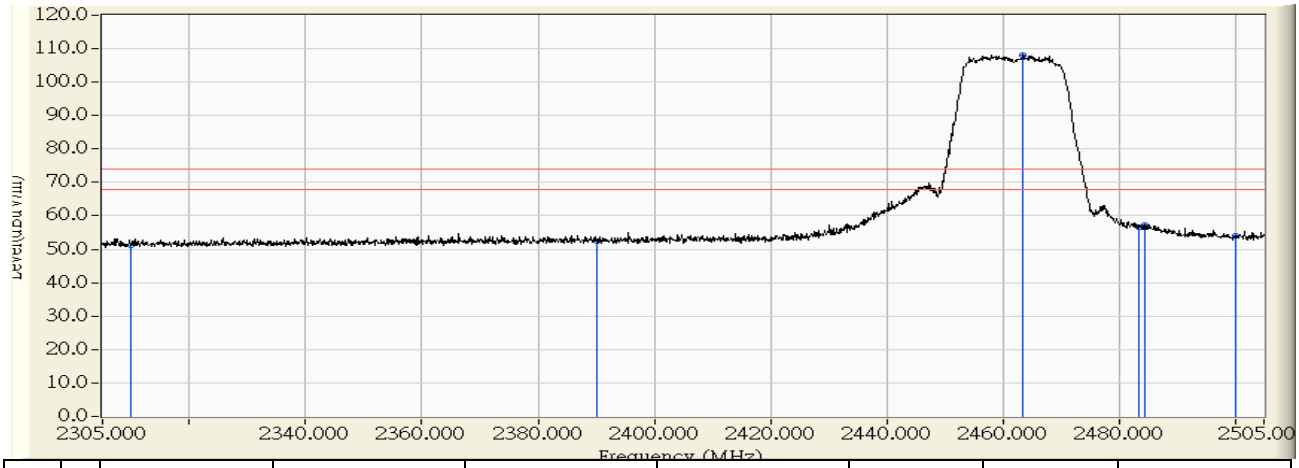


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	28.035	56.819	-17.181	74.000	PEAK
2		2390.000	29.747	29.901	59.648	-14.352	74.000	PEAK
3	*	2436.000	30.301	93.339	123.640	49.640	74.000	PEAK
4		2483.500	30.830	29.709	60.539	-13.461	74.000	PEAK
5		2484.000	30.832	31.733	62.564	-11.436	74.000	PEAK
6		2500.000	30.860	28.712	59.571	-14.429	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 13:23**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2462MHz**

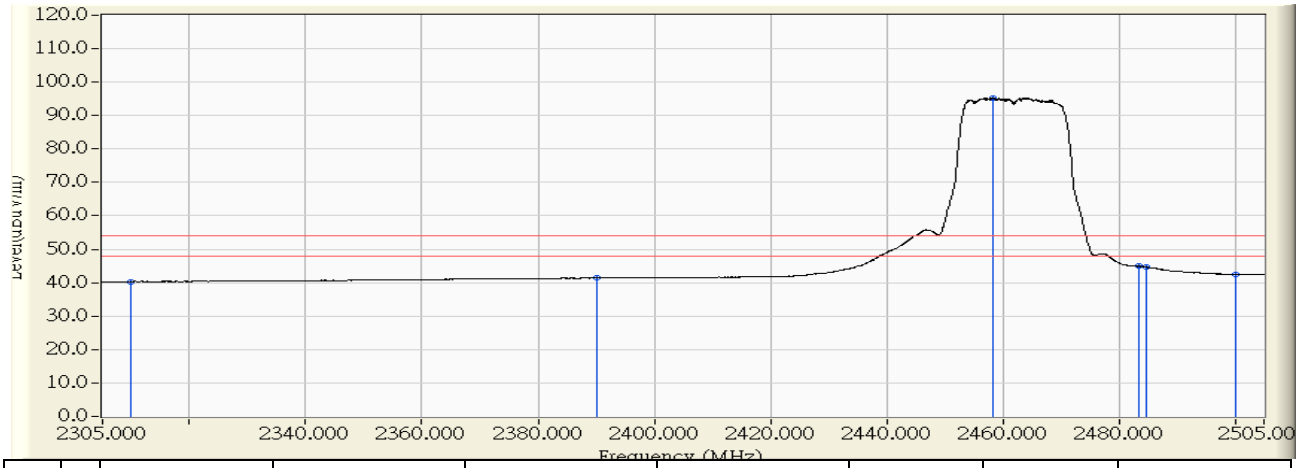


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	23.142	51.272	-22.728	74.000	PEAK
2		2390.000	28.933	23.397	52.330	-21.670	74.000	PEAK
3	*	2463.500	29.671	78.346	108.017	34.017	74.000	PEAK
4		2483.500	29.829	26.884	56.713	-17.287	74.000	PEAK
5		2484.400	29.830	27.490	57.319	-16.681	74.000	PEAK
6		2500.000	29.826	24.360	54.185	-19.815	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 13:24**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2462MHz**

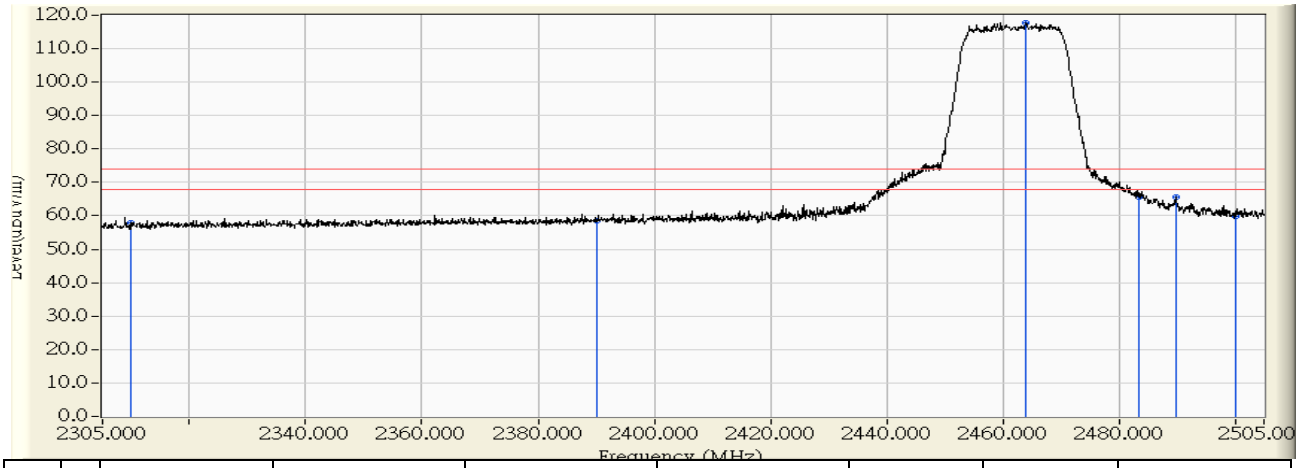


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.162	40.292	-13.708	54.000	AVERAGE
2		2390.000	28.933	12.440	41.373	-12.627	54.000	AVERAGE
3	*	2458.300	29.619	65.670	95.289	41.289	54.000	AVERAGE
4		2483.500	29.829	15.126	44.955	-9.045	54.000	AVERAGE
5		2484.700	29.830	14.955	44.785	-9.215	54.000	AVERAGE
6		2500.000	29.826	12.704	42.529	-11.471	54.000	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.

Site : CB1	**Time : 2016/04/20 - 13:14**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2462MHz**

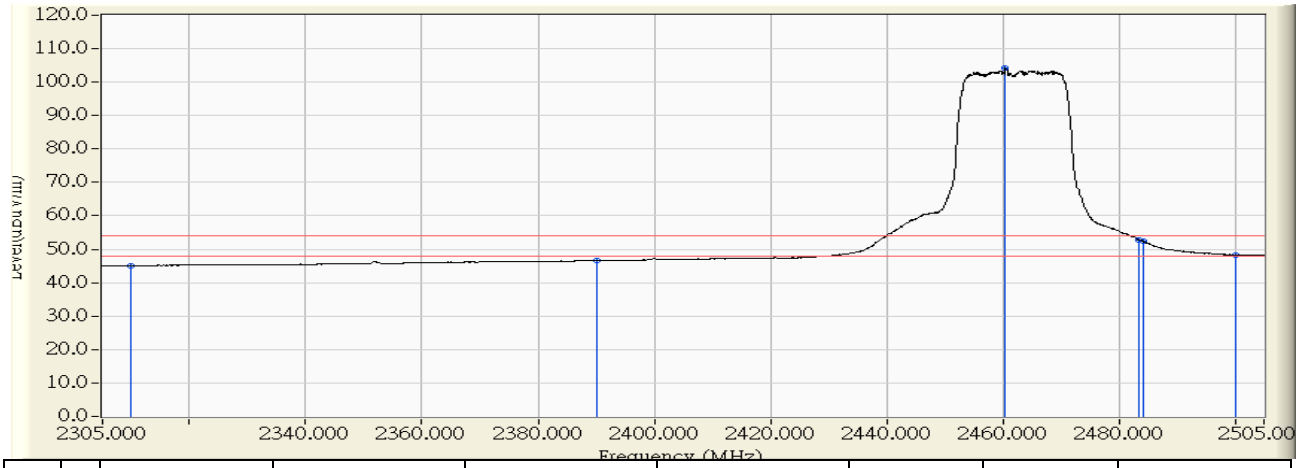


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	29.013	57.797	-16.203	74.000	PEAK
2		2390.000	29.747	28.752	58.499	-15.501	74.000	PEAK
3	*	2463.900	30.637	87.034	117.671	43.671	74.000	PEAK
4		2483.500	30.830	34.821	65.651	-8.349	74.000	PEAK
5		2489.800	30.845	34.869	65.715	-8.285	74.000	PEAK
6		2500.000	30.860	28.889	59.748	-14.252	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 13:13**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(20M)_2462MHz**

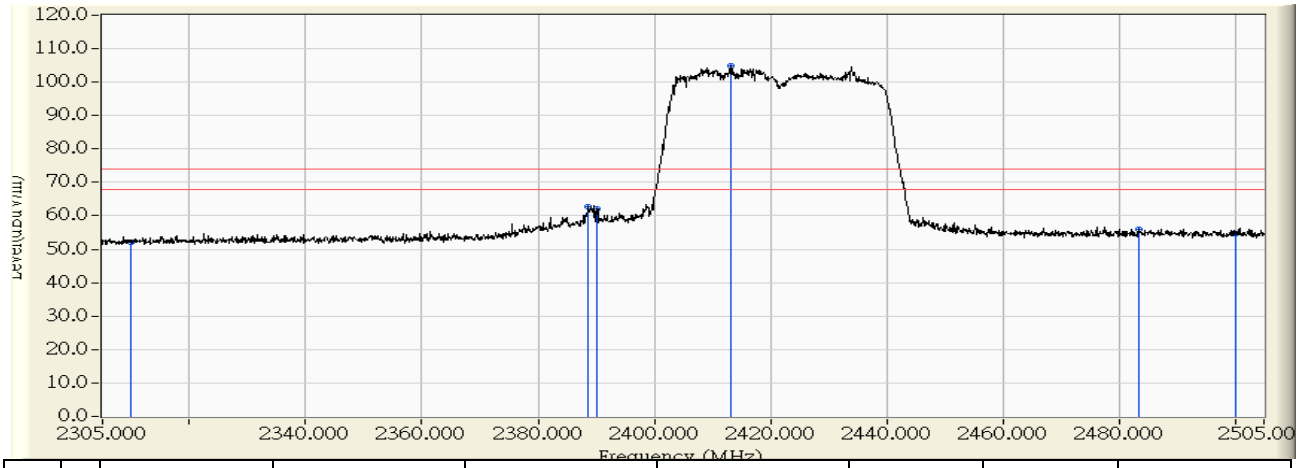


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	16.285	45.069	-8.931	54.000	AVERAGE
2		2390.000	29.747	16.813	46.560	-7.440	54.000	AVERAGE
3	*	2460.400	30.595	73.481	104.076	50.076	54.000	AVERAGE
4		2483.500	30.830	21.956	52.786	-1.214	54.000	AVERAGE
5		2484.200	30.832	21.584	52.416	-1.584	54.000	AVERAGE
6		2500.000	30.860	17.504	48.363	-5.637	54.000	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.

Site : CB1	**Time : 2016/04/20 - 13:45**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2422MHz**

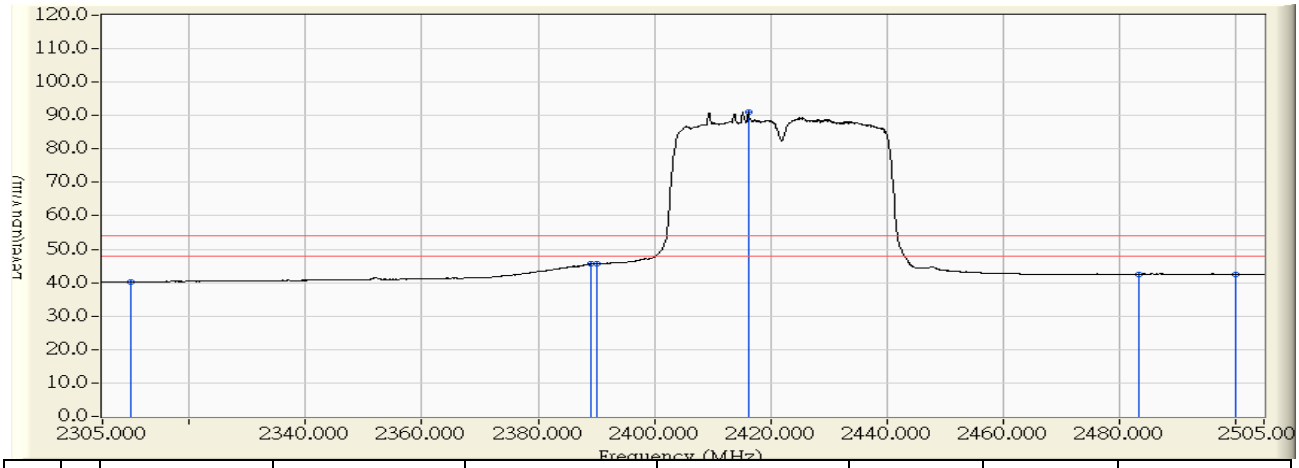


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	23.889	52.019	-21.981	74.000	PEAK
2		2388.600	28.919	33.662	62.581	-11.419	74.000	PEAK
3		2390.000	28.933	33.271	62.204	-11.796	74.000	PEAK
4	*	2413.100	29.165	75.722	104.887	30.887	74.000	PEAK
5		2483.500	29.829	26.017	55.846	-18.154	74.000	PEAK
6		2500.000	29.826	24.736	54.561	-19.439	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 13:46**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2422MHz**

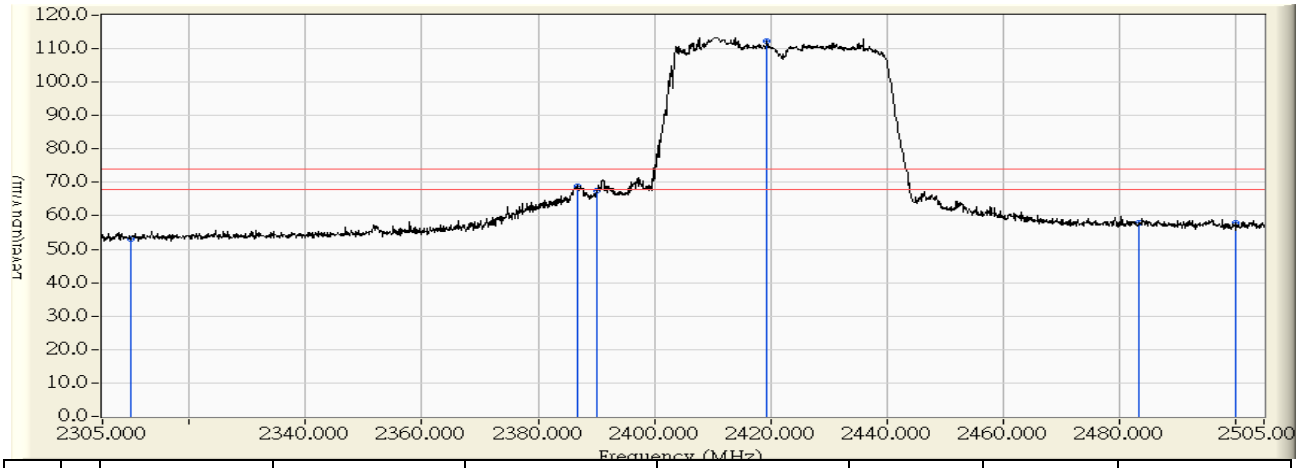


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.146	40.276	-13.724	54.000	AVERAGE
2		2389.200	28.925	16.893	45.818	-8.182	54.000	AVERAGE
3		2390.000	28.933	16.796	45.729	-8.271	54.000	AVERAGE
4	*	2416.300	29.197	61.971	91.168	37.168	54.000	AVERAGE
5		2483.500	29.829	12.731	42.560	-11.440	54.000	AVERAGE
6		2500.000	29.826	12.625	42.450	-11.550	54.000	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.

Site : CB1	**Time : 2016/04/20 - 13:38**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2422MHz**

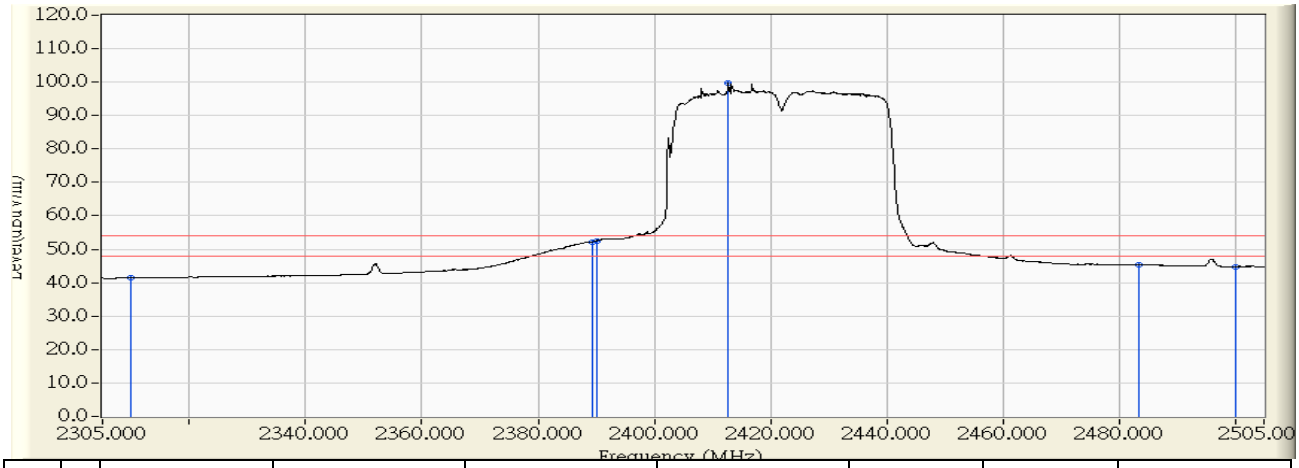


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.242	53.026	-20.974	74.000	PEAK
2		2386.800	29.708	39.270	68.979	-5.021	74.000	PEAK
3		2390.000	29.747	37.704	67.451	-6.549	74.000	PEAK
4	*	2419.400	30.101	82.211	112.312	38.312	74.000	PEAK
5		2483.500	30.830	27.052	57.882	-16.118	74.000	PEAK
6		2500.000	30.860	27.016	57.875	-16.125	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 13:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2422MHz**

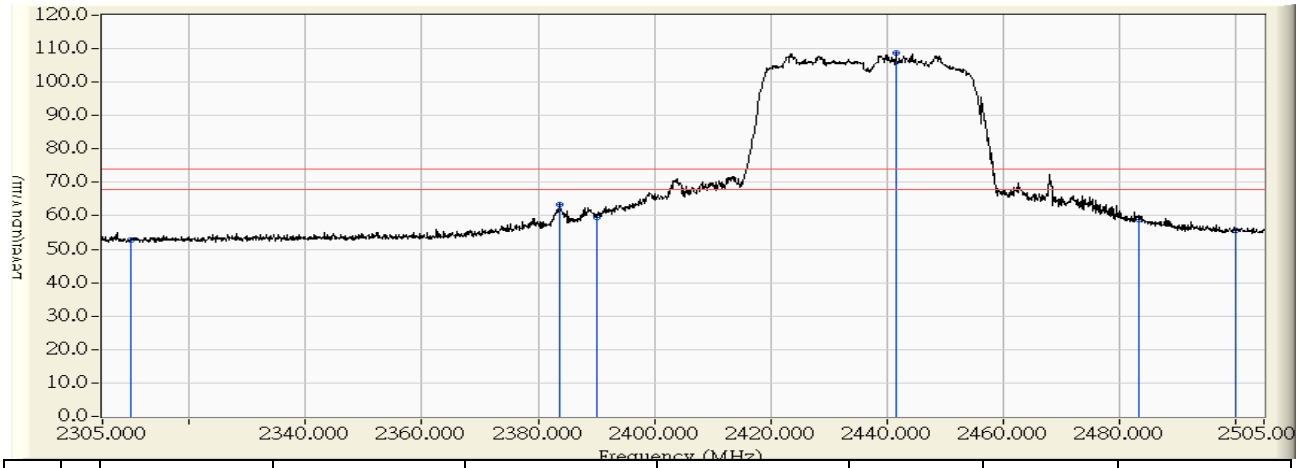


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.642	41.426	-12.574	54.000	AVERAGE
2		2389.300	29.739	22.406	52.145	-1.855	54.000	AVERAGE
3		2390.000	29.747	22.850	52.597	-1.403	54.000	AVERAGE
4	*	2412.700	30.020	69.871	99.891	45.891	54.000	AVERAGE
5		2483.500	30.830	14.444	45.274	-8.726	54.000	AVERAGE
6		2500.000	30.860	13.997	44.856	-9.144	54.000	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.

Site : CB1	**Time : 2016/04/20 - 14:07**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2437MHz**

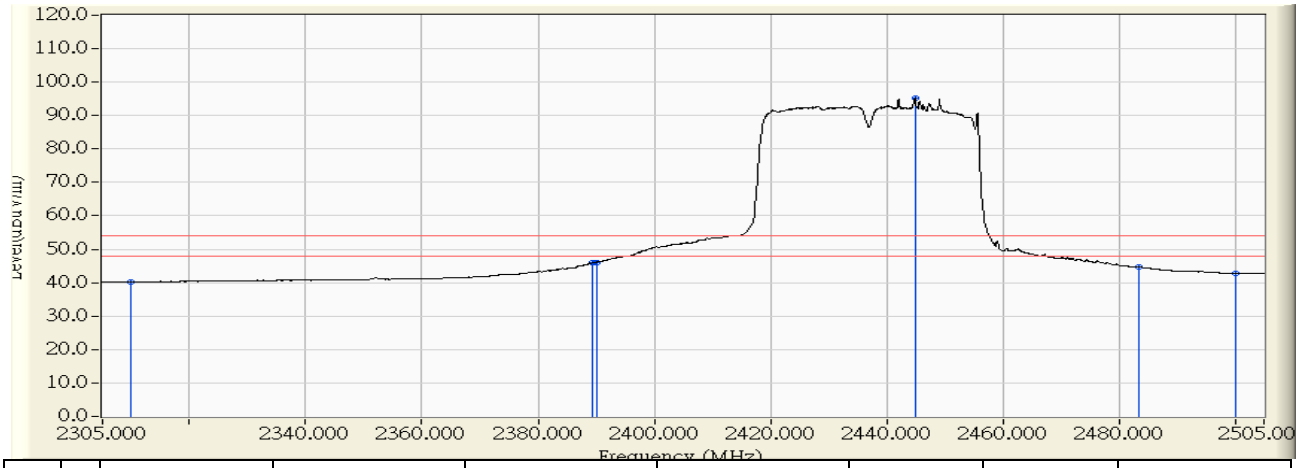


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.760	52.890	-21.110	74.000	PEAK
2		2383.600	28.869	34.387	63.256	-10.744	74.000	PEAK
3		2390.000	28.933	30.675	59.608	-14.392	74.000	PEAK
4	*	2441.600	29.451	79.283	108.734	34.734	74.000	PEAK
5		2483.500	29.829	28.971	58.800	-15.200	74.000	PEAK
6		2500.000	29.826	25.795	55.620	-18.380	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 14:08**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2437MHz**

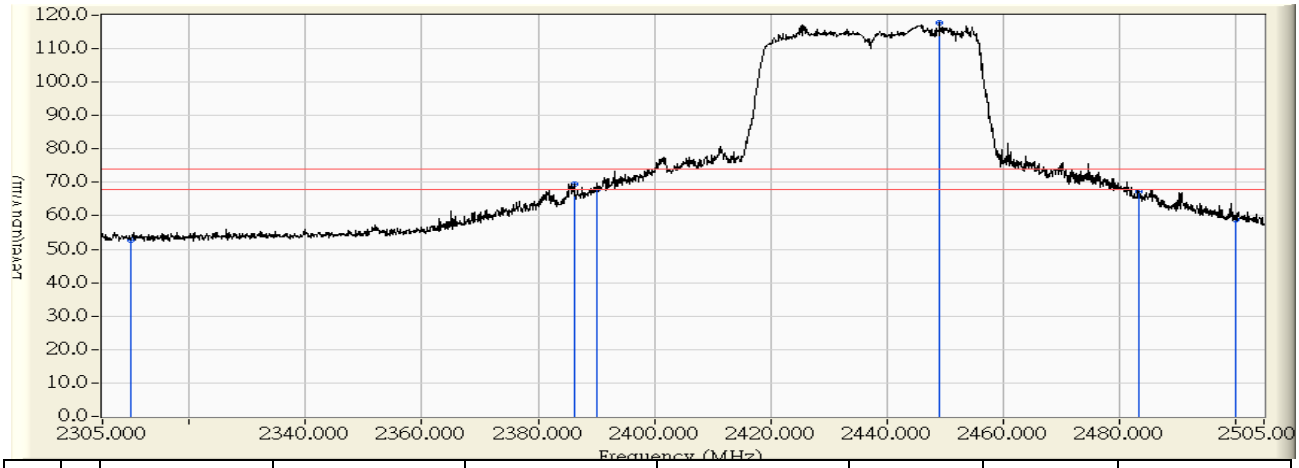


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.154	40.284	-13.716	54.000	AVERAGE
2		2389.300	28.926	16.947	45.873	-8.127	54.000	AVERAGE
3		2390.000	28.933	17.157	46.090	-7.910	54.000	AVERAGE
4	*	2444.900	29.484	65.669	95.153	41.153	54.000	AVERAGE
5		2483.500	29.829	14.730	44.559	-9.441	54.000	AVERAGE
6		2500.000	29.826	13.062	42.887	-11.113	54.000	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.

Site : CB1	**Time : 2016/04/20 - 13:59**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2437MHz**

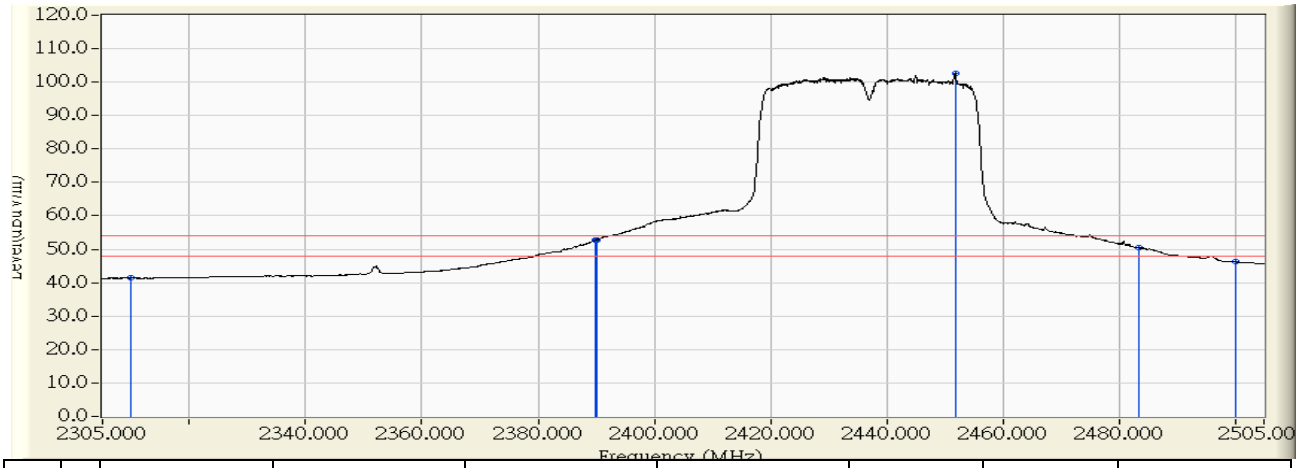


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.125	52.909	-21.091	74.000	PEAK
2		2386.300	29.703	39.780	69.483	-4.517	74.000	PEAK
3		2390.000	29.747	38.160	67.907	-6.093	74.000	PEAK
4	*	2449.100	30.458	87.129	117.588	43.588	74.000	PEAK
5		2483.500	30.830	36.470	67.300	-6.700	74.000	PEAK
6		2500.000	30.860	27.983	58.842	-15.158	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 13:58**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2437MHz**

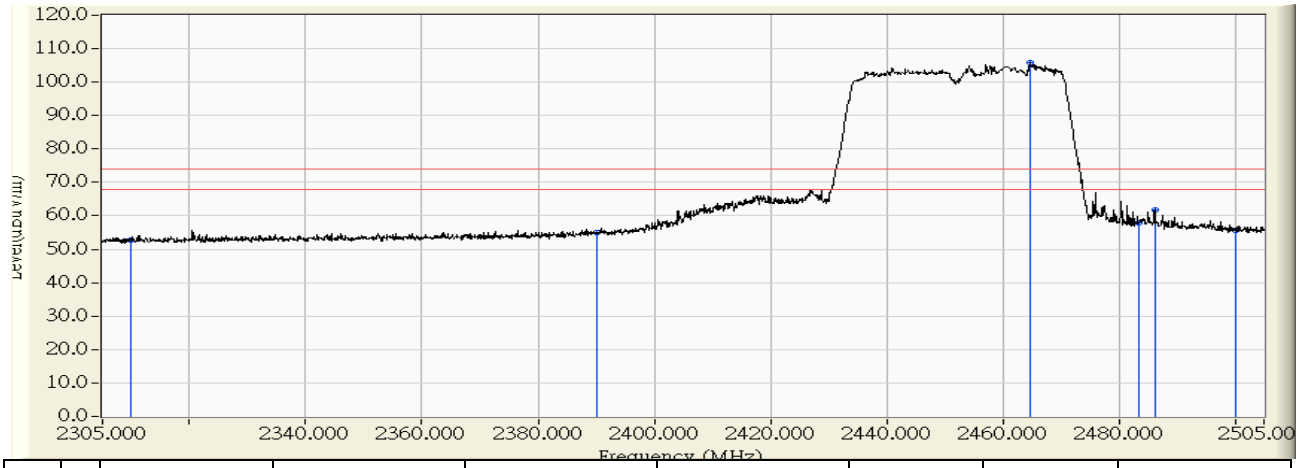


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.624	41.408	-12.592	54.000	AVERAGE
2		2389.800	29.745	22.939	52.684	-1.316	54.000	AVERAGE
3		2390.000	29.747	23.017	52.764	-1.236	54.000	AVERAGE
4	*	2451.800	30.491	72.258	102.749	48.749	54.000	AVERAGE
5		2483.500	30.830	19.589	50.419	-3.581	54.000	AVERAGE
6		2500.000	30.860	15.459	46.318	-7.682	54.000	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.

Site : CB1	**Time : 2016/04/20 - 14:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2452MHz**

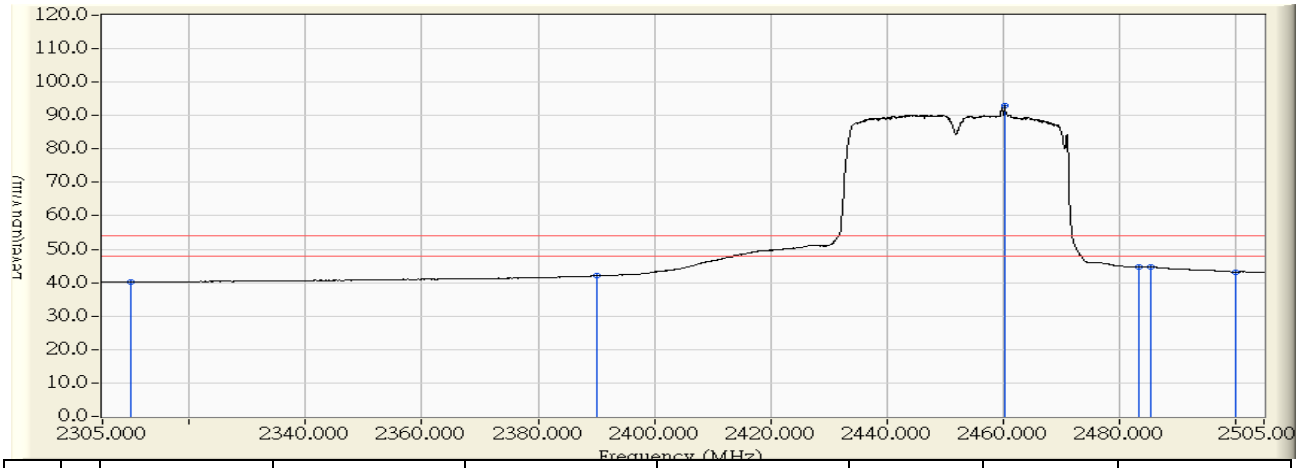


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	24.743	52.873	-21.127	74.000	PEAK
2		2390.000	28.933	26.179	55.112	-18.888	74.000	PEAK
3	*	2464.700	29.683	76.203	105.886	31.886	74.000	PEAK
4		2483.500	29.829	28.053	57.882	-16.118	74.000	PEAK
5		2486.200	29.831	31.947	61.777	-12.223	74.000	PEAK
6		2500.000	29.826	25.721	55.546	-18.454	74.000	PEAK

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.

Site : CB1	**Time : 2016/04/20 - 14:38**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2452MHz**

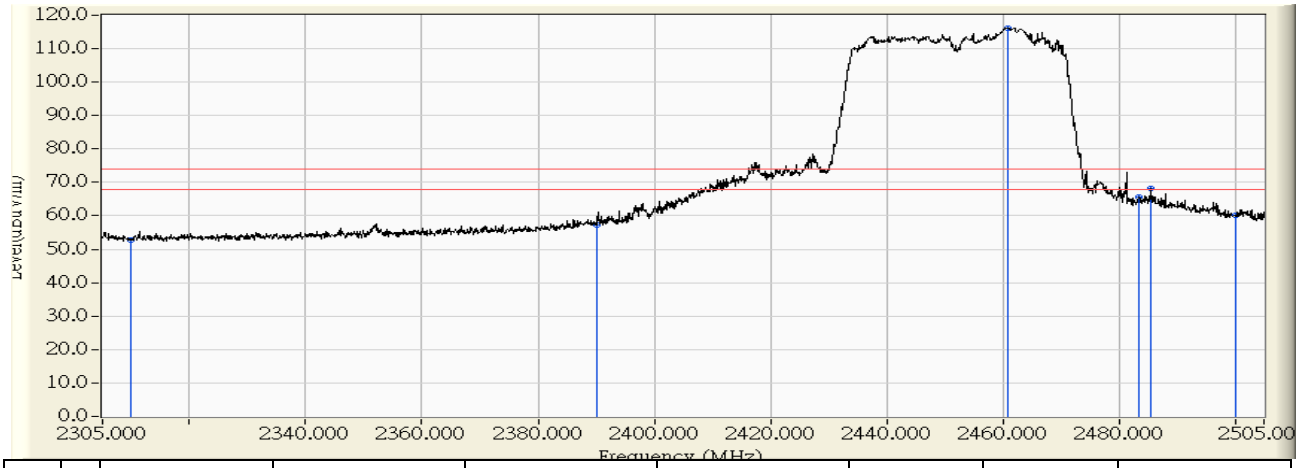


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.130	12.056	40.186	-13.814	54.000	AVERAGE
2		2390.000	28.933	13.091	42.024	-11.976	54.000	AVERAGE
3	*	2460.300	29.639	63.449	93.088	39.088	54.000	AVERAGE
4		2483.500	29.829	15.009	44.838	-9.162	54.000	AVERAGE
5		2485.400	29.830	14.865	44.695	-9.305	54.000	AVERAGE
6		2500.000	29.826	13.412	43.237	-10.763	54.000	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.

Site : CB1	**Time : 2016/04/20 - 14:30**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2452MHz**

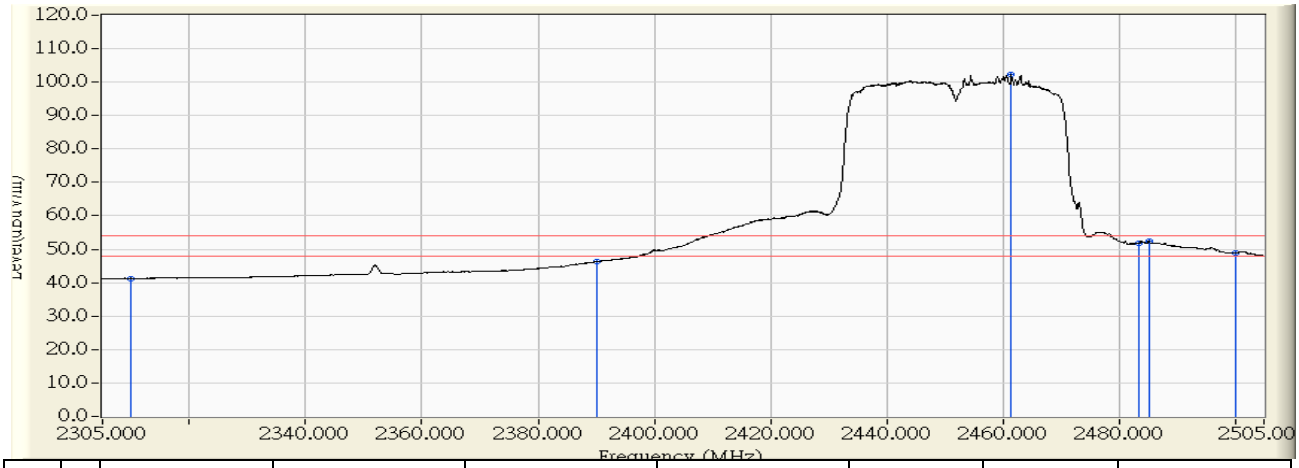


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	24.021	52.805	-21.195	74.000	AVERAGE
2		2390.000	29.747	27.376	57.123	-16.877	74.000	AVERAGE
3	*	2460.800	30.599	85.659	116.259	42.259	74.000	AVERAGE
4		2483.500	30.830	34.878	65.708	-8.292	74.000	AVERAGE
5		2485.500	30.835	37.313	68.148	-5.852	74.000	AVERAGE
6		2500.000	30.860	29.162	60.021	-13.979	74.000	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.

Site : CB1	**Time : 2016/04/20 - 14:28**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless-AC1700 Dual Band Gigabit Router	**Note : Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1 _802.11n(40M)_2452MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.784	12.536	41.320	-12.680	54.000	AVERAGE
2		2390.000	29.747	16.537	46.284	-7.716	54.000	AVERAGE
3	*	2461.400	30.607	71.796	102.403	48.403	54.000	AVERAGE
4		2483.500	30.830	20.939	51.769	-2.231	54.000	AVERAGE
5		2485.200	30.834	21.554	52.388	-1.612	54.000	AVERAGE
6		2500.000	30.860	18.064	48.923	-5.077	54.000	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. DTS Bandwidth

7.1. Test Equipment

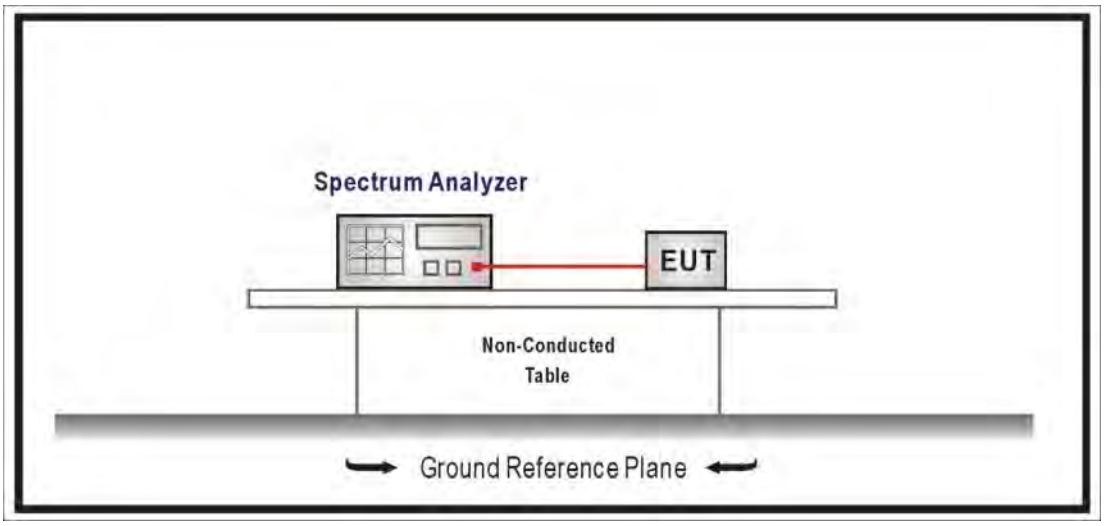
The following test equipment are used during the test:

DTS Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2016/08/23

Note: All equipment 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: 2013; tested procedure section 8.1 of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW≧3xRBW, 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: 2015

7.6. Uncertainty

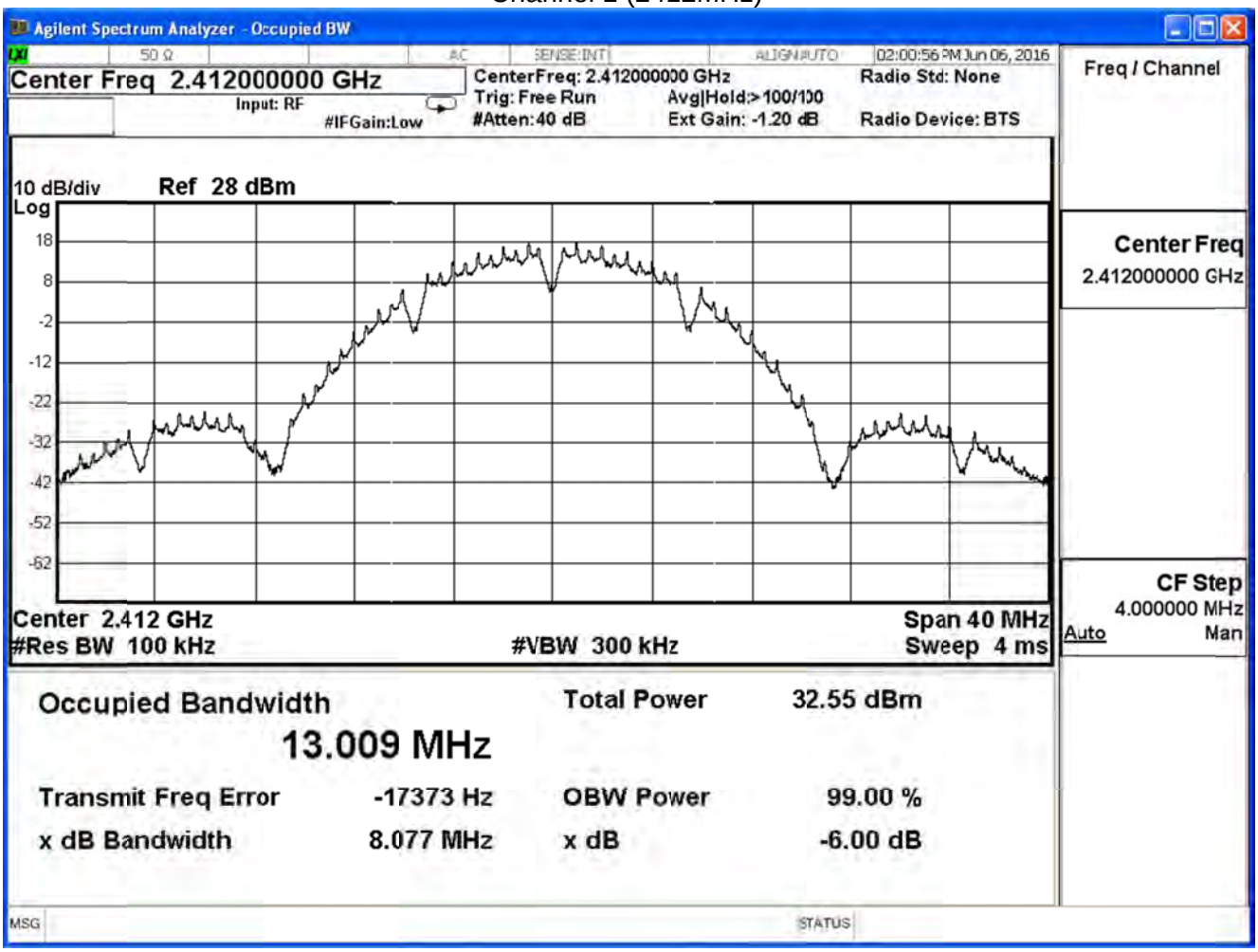
The measurement uncertainty is defined as ±150Hz

7.7. Test Result

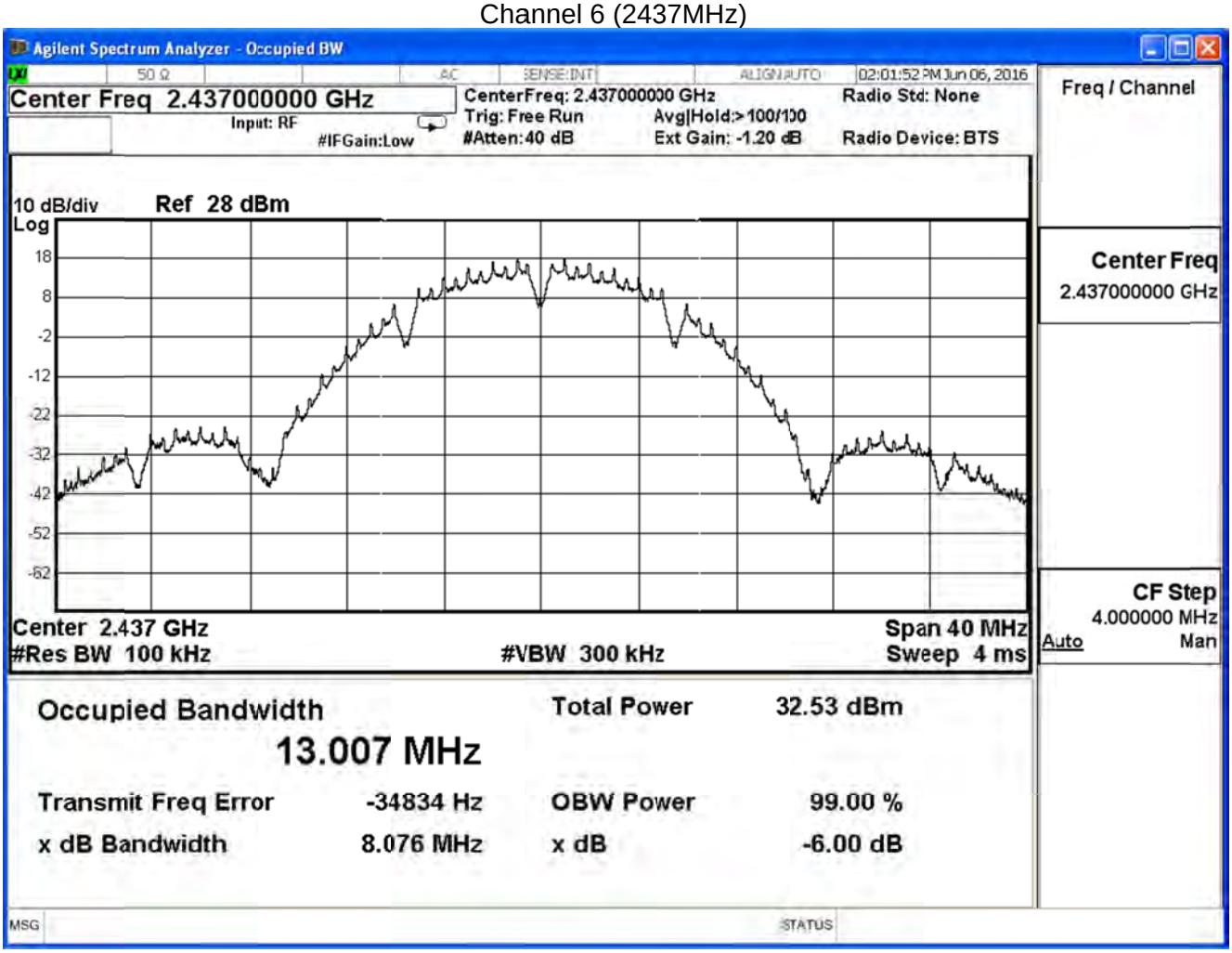
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/14	Test Site	SR7

802.11 b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.077	≧0.5	Pass
6	2437	8.076	≧0.5	Pass
11	2462	8.077	≧0.5	Pass

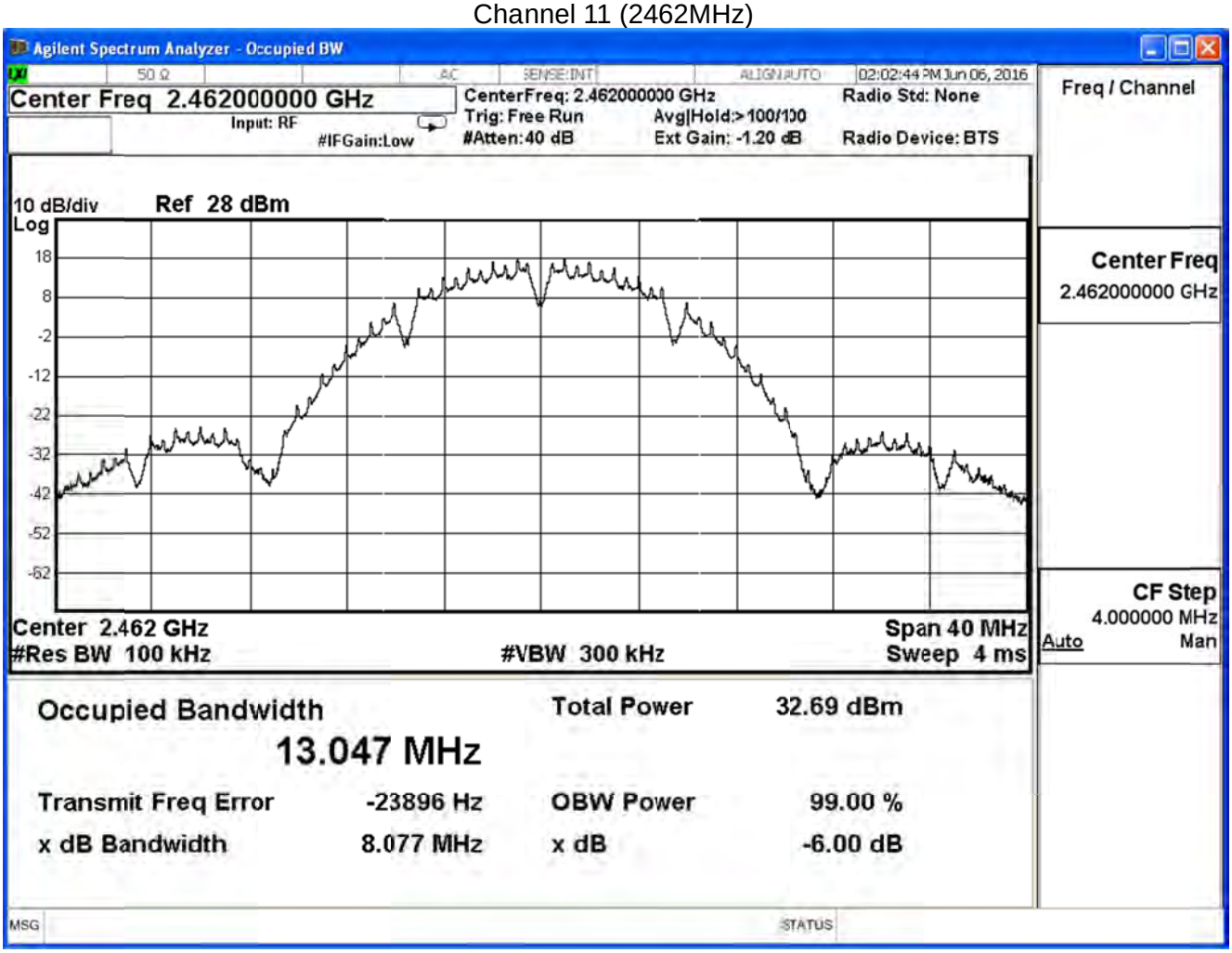
Channel 1 (2412MHz)



Channel 6 (2437MHz)



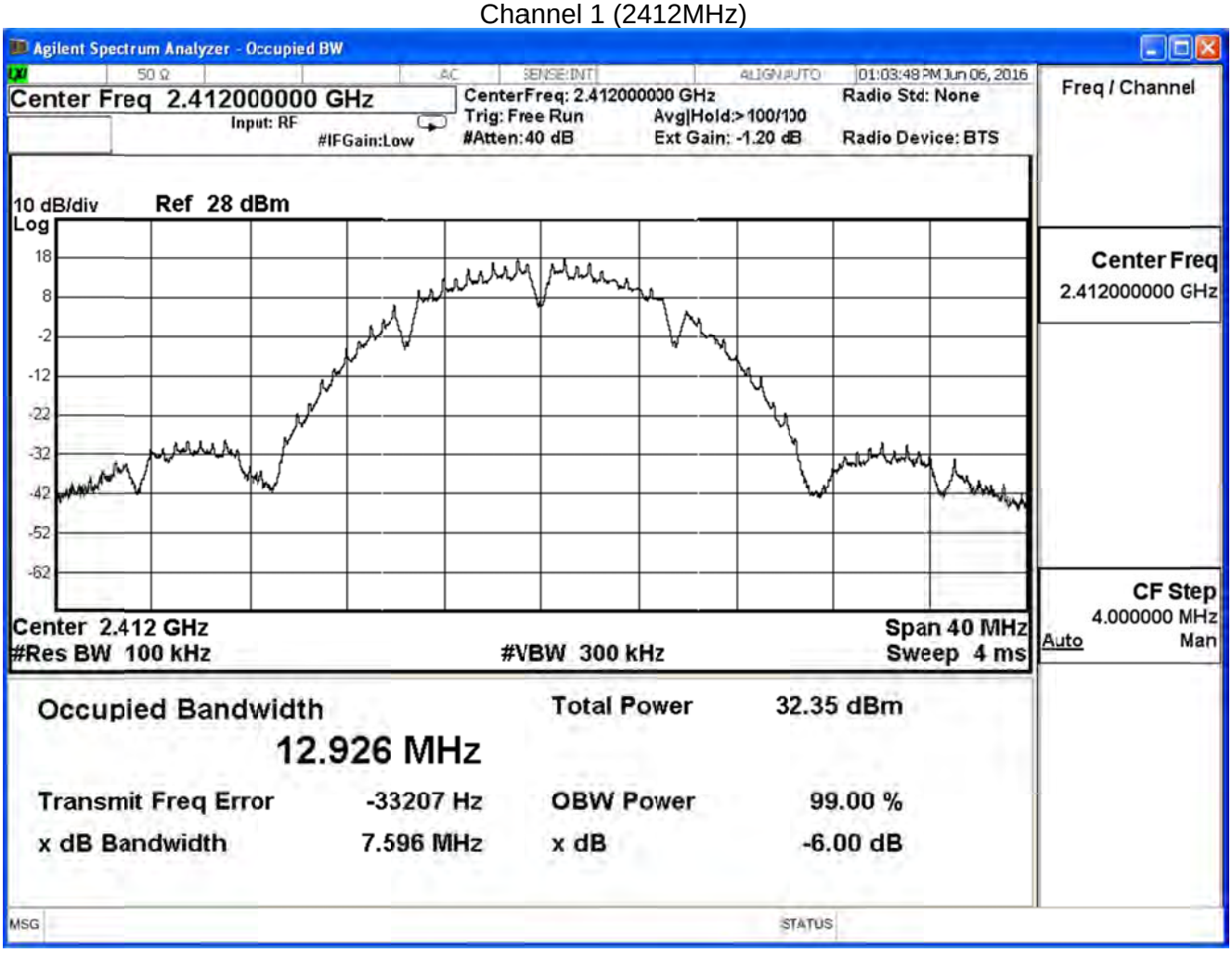
Channel 11 (2462MHz)



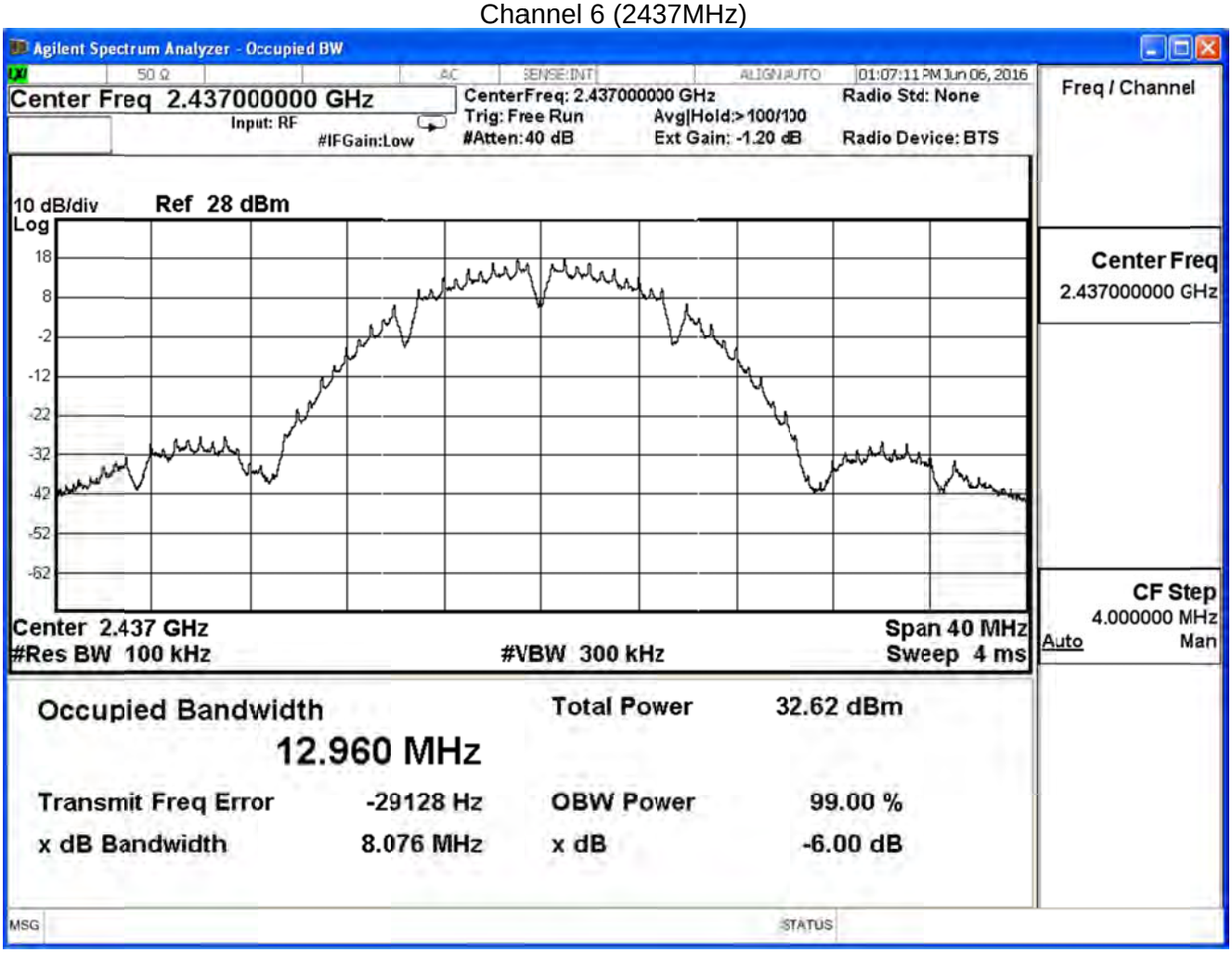
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/14	Test Site	SR7

802.11 b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	7.596	≧0.5	Pass
6	2437	8.076	≧0.5	Pass
11	2462	8.076	≧0.5	Pass

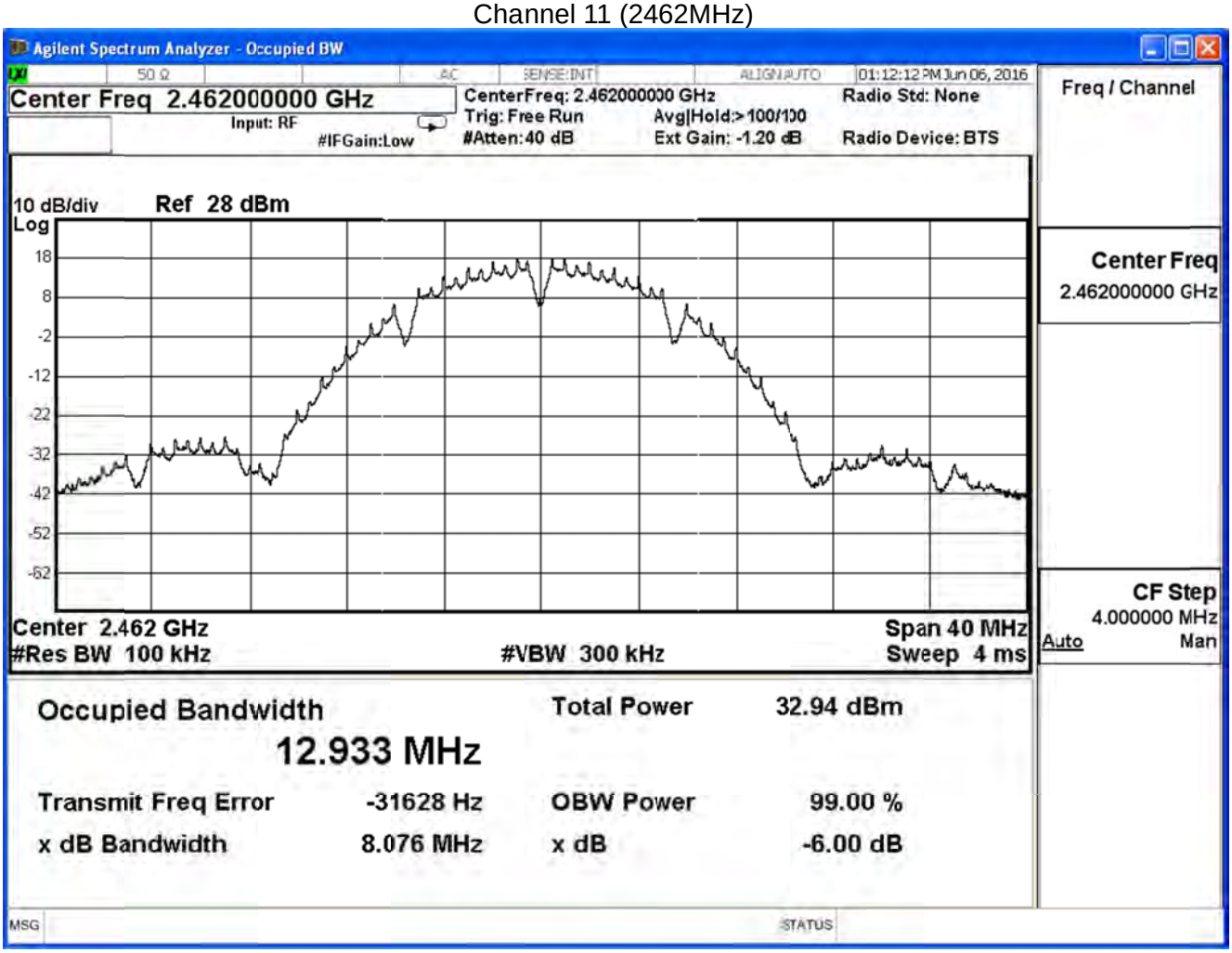
Channel 1 (2412MHz)



Channel 6 (2437MHz)



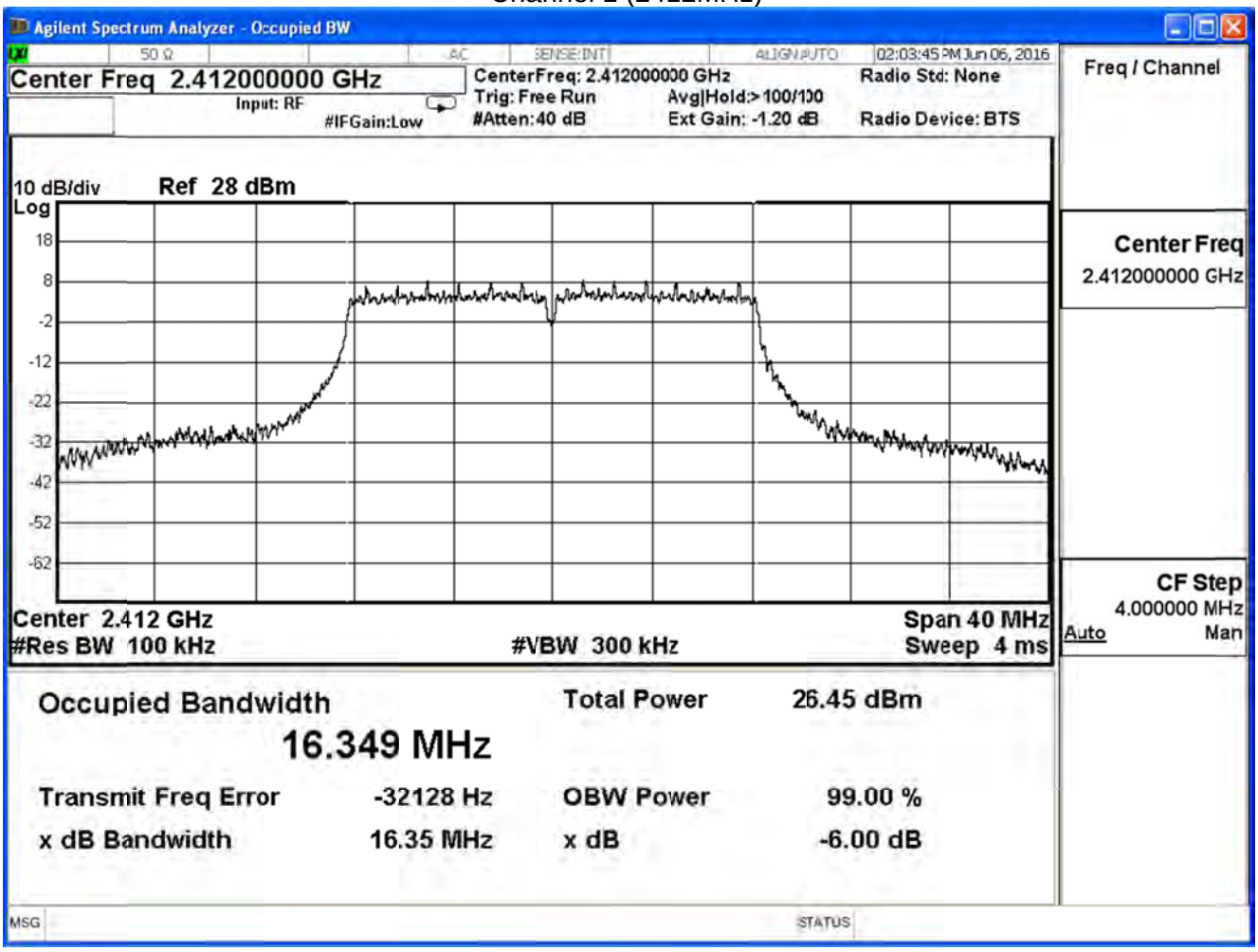
Channel 11 (2462MHz)



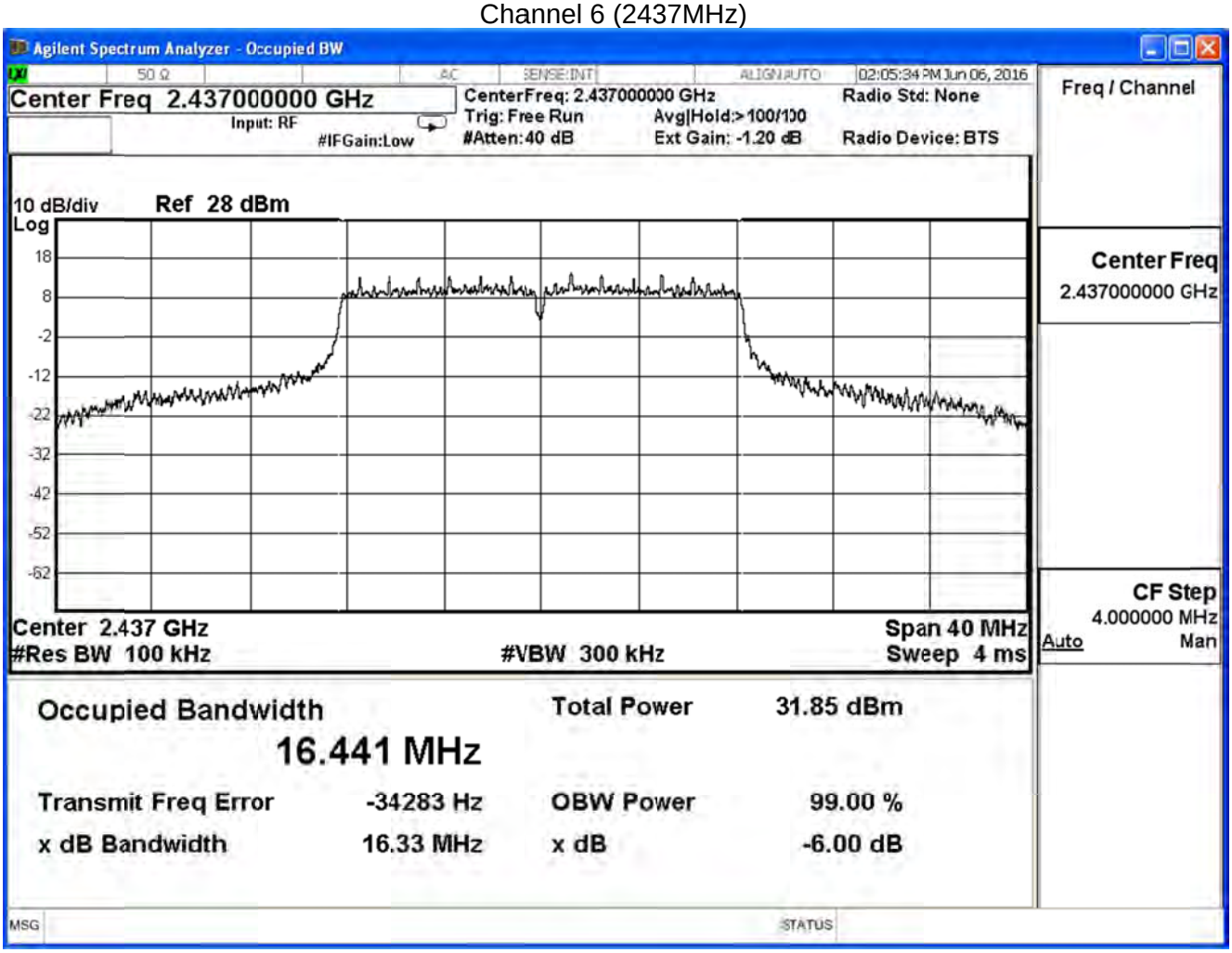
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/14	Test Site	SR7

802.11 g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.35	≧0.5	Pass
6	2437	16.33	≧0.5	Pass
11	2462	16.37	≧0.5	Pass

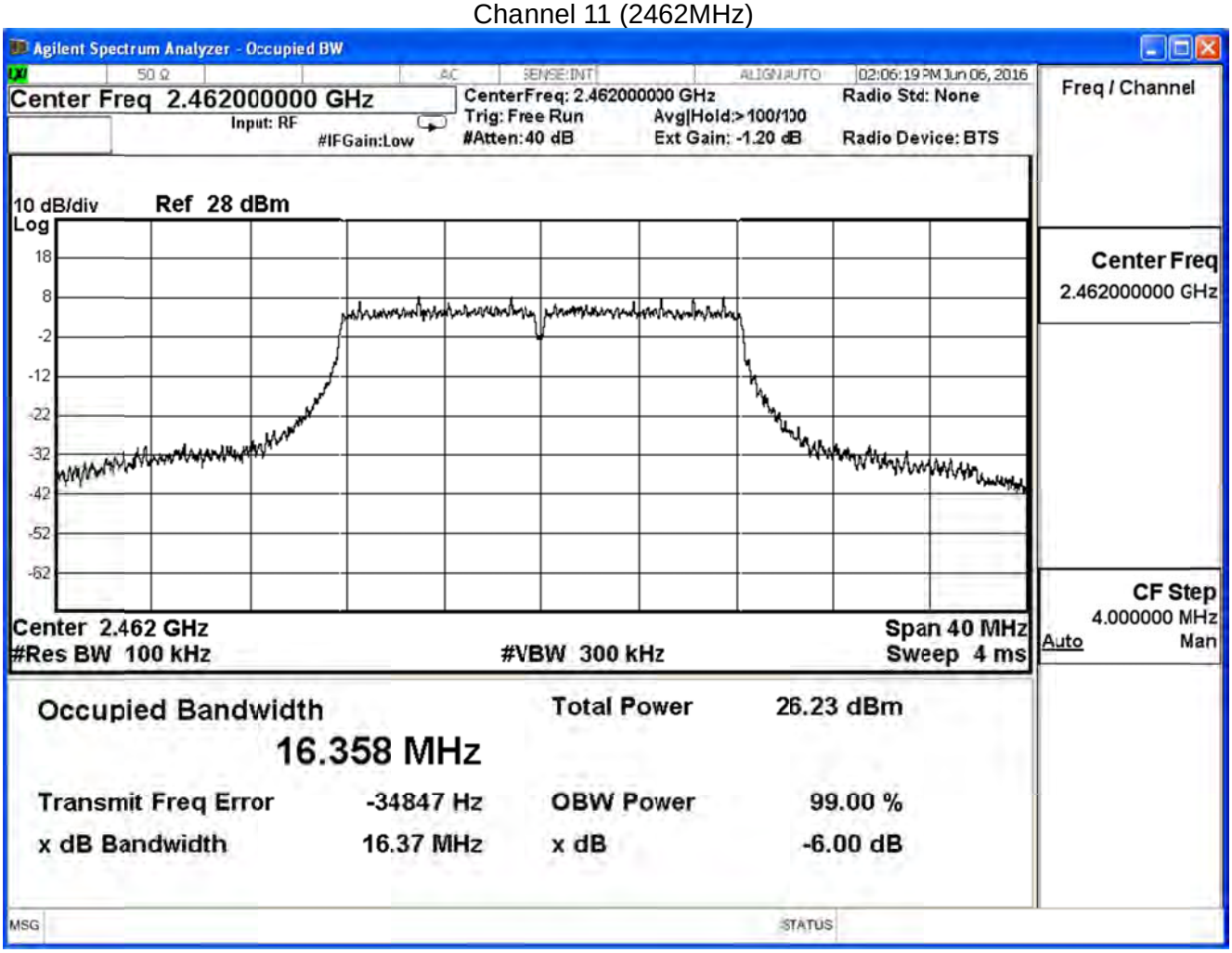
Channel 1 (2412MHz)



Channel 6 (2437MHz)



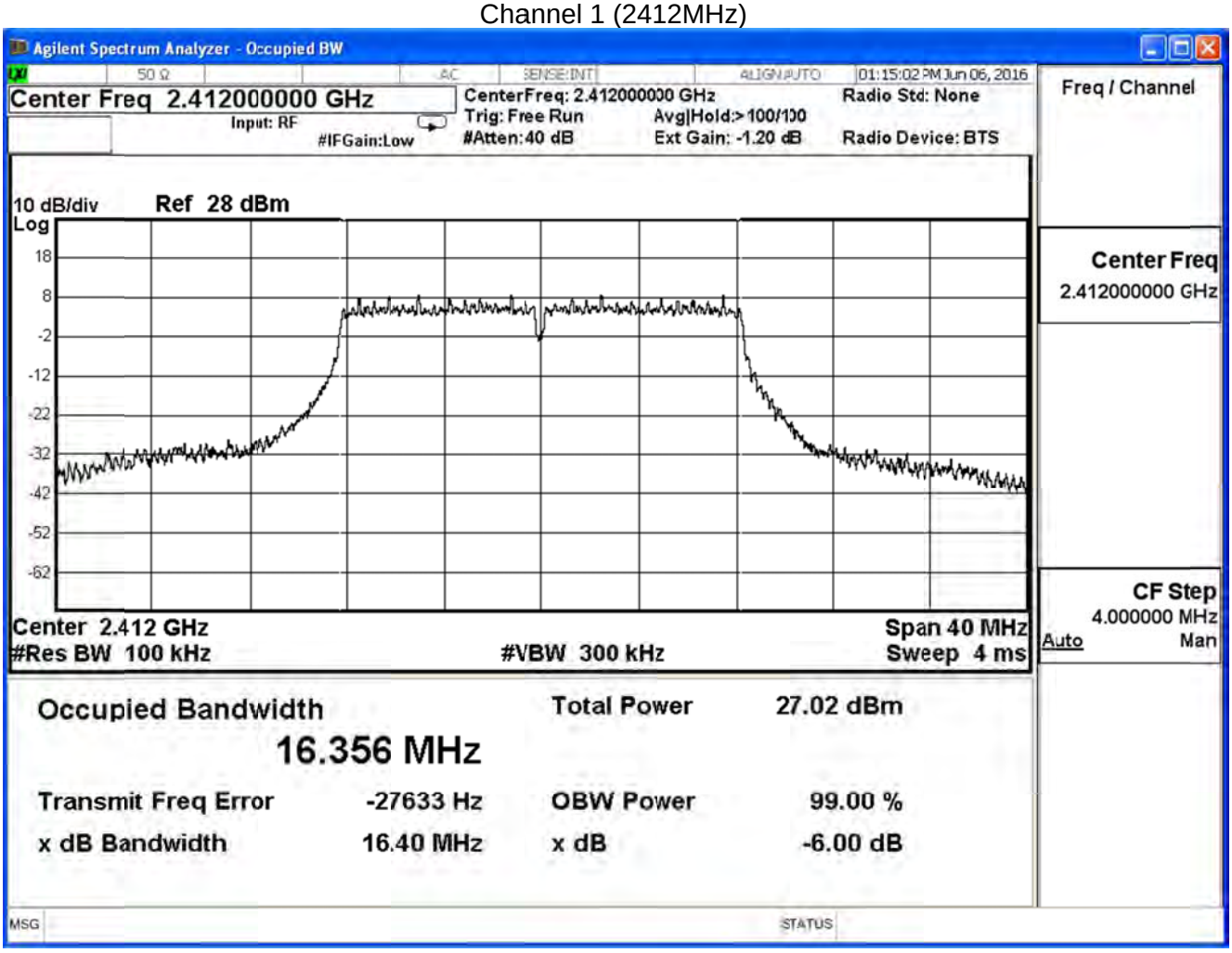
Channel 11 (2462MHz)



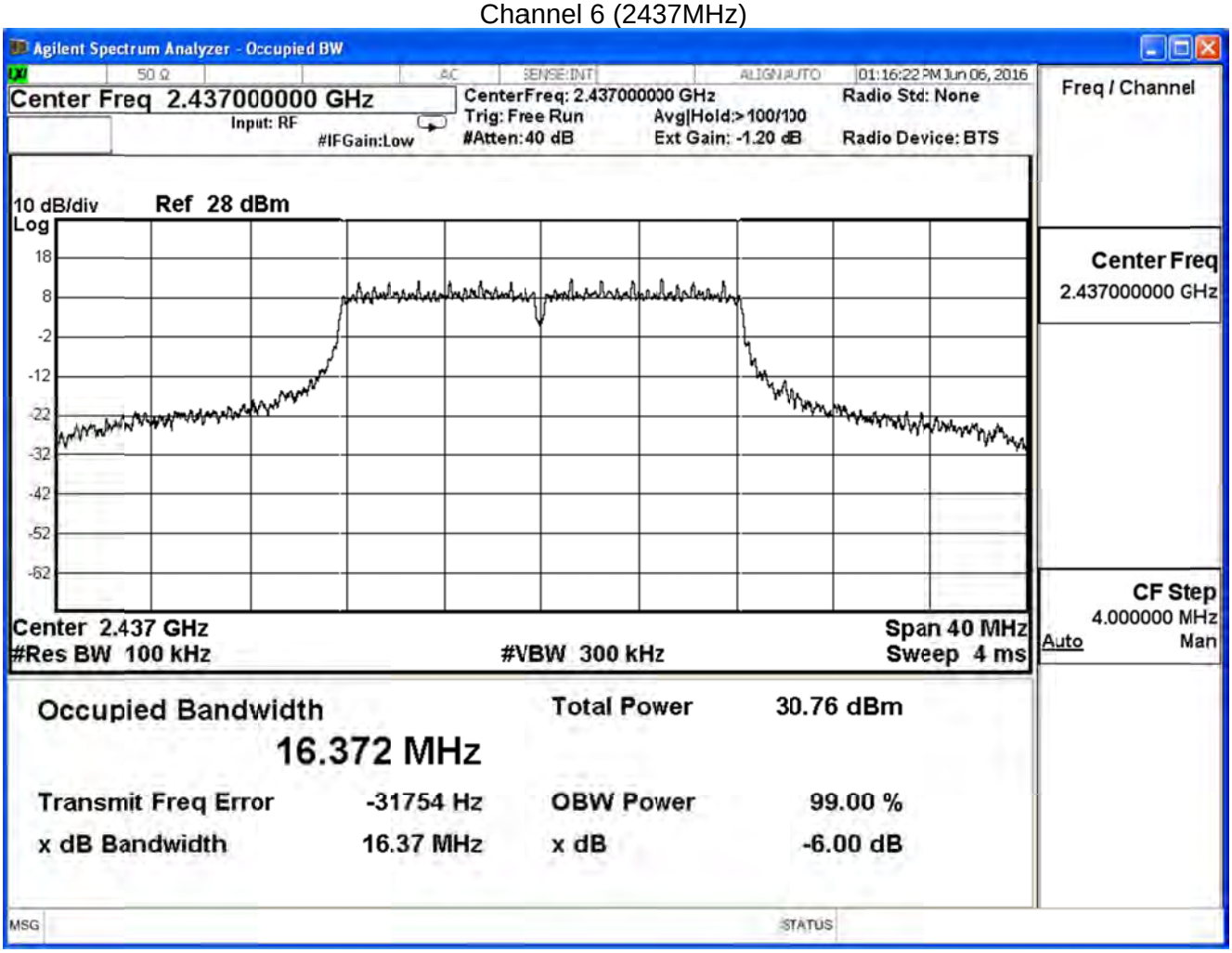
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/14	Test Site	SR7

802.11 g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.40	≧0.5	Pass
6	2437	16.37	≧0.5	Pass
11	2462	16.39	≧0.5	Pass

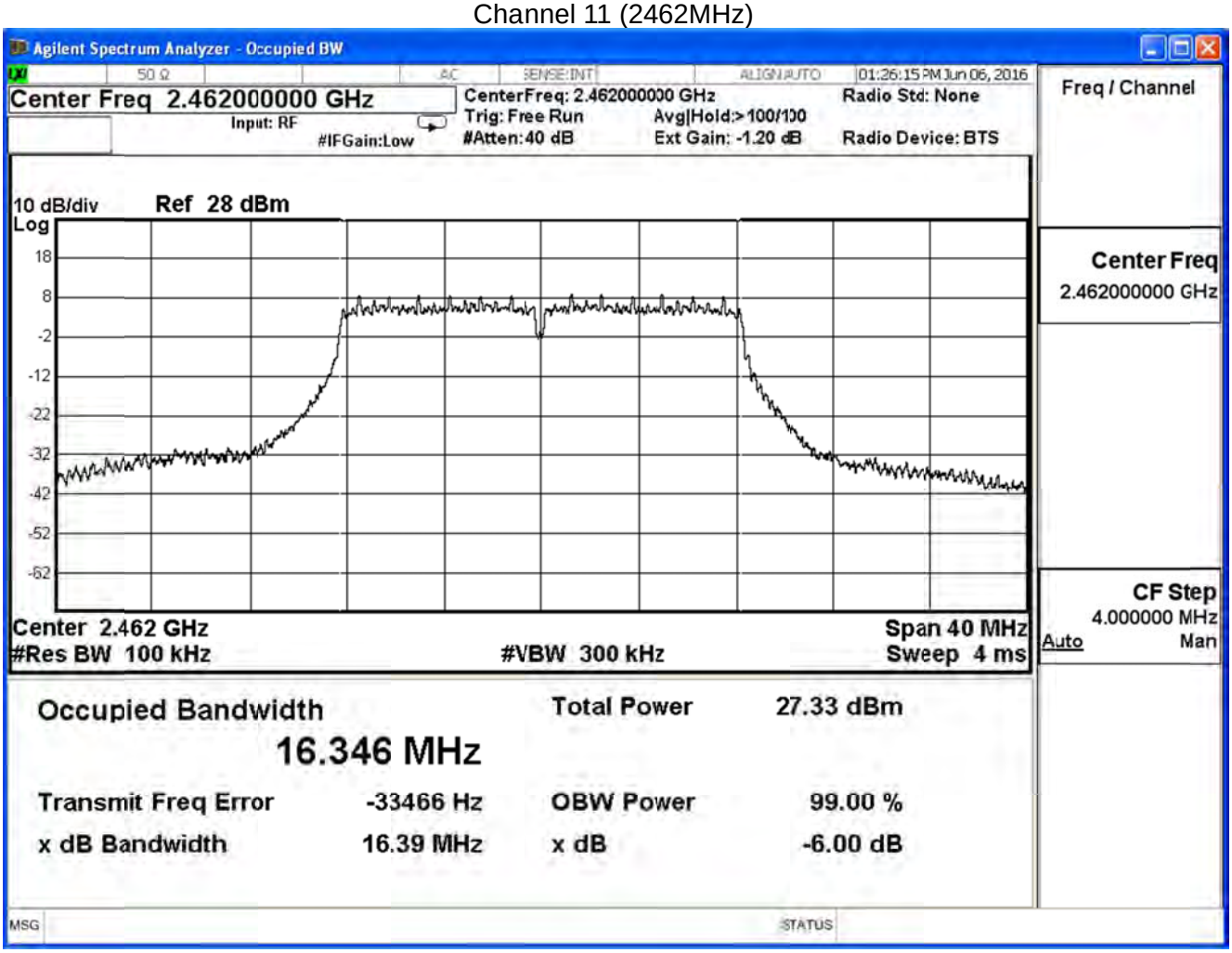
Channel 1 (2412MHz)



Channel 6 (2437MHz)



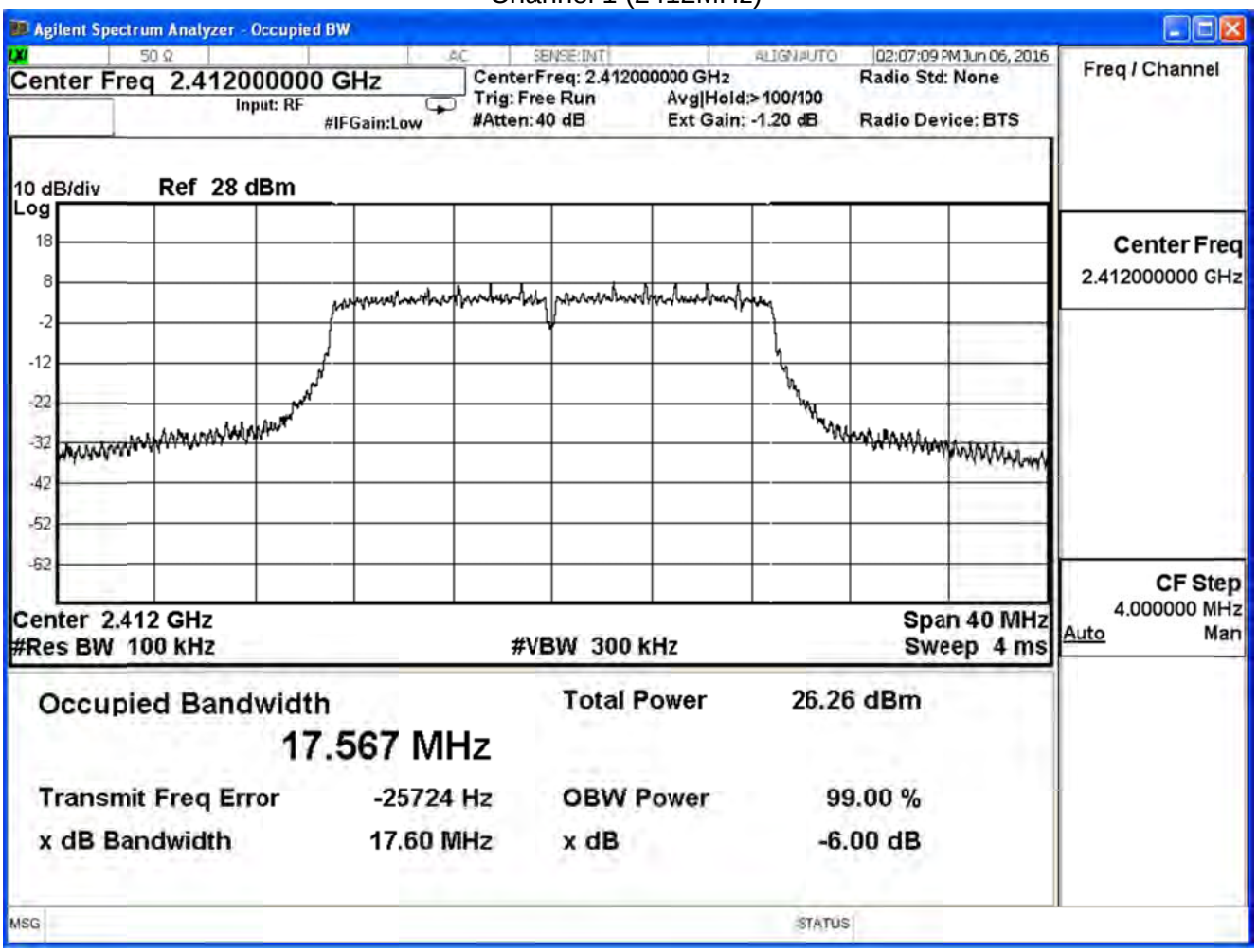
Channel 11 (2462MHz)



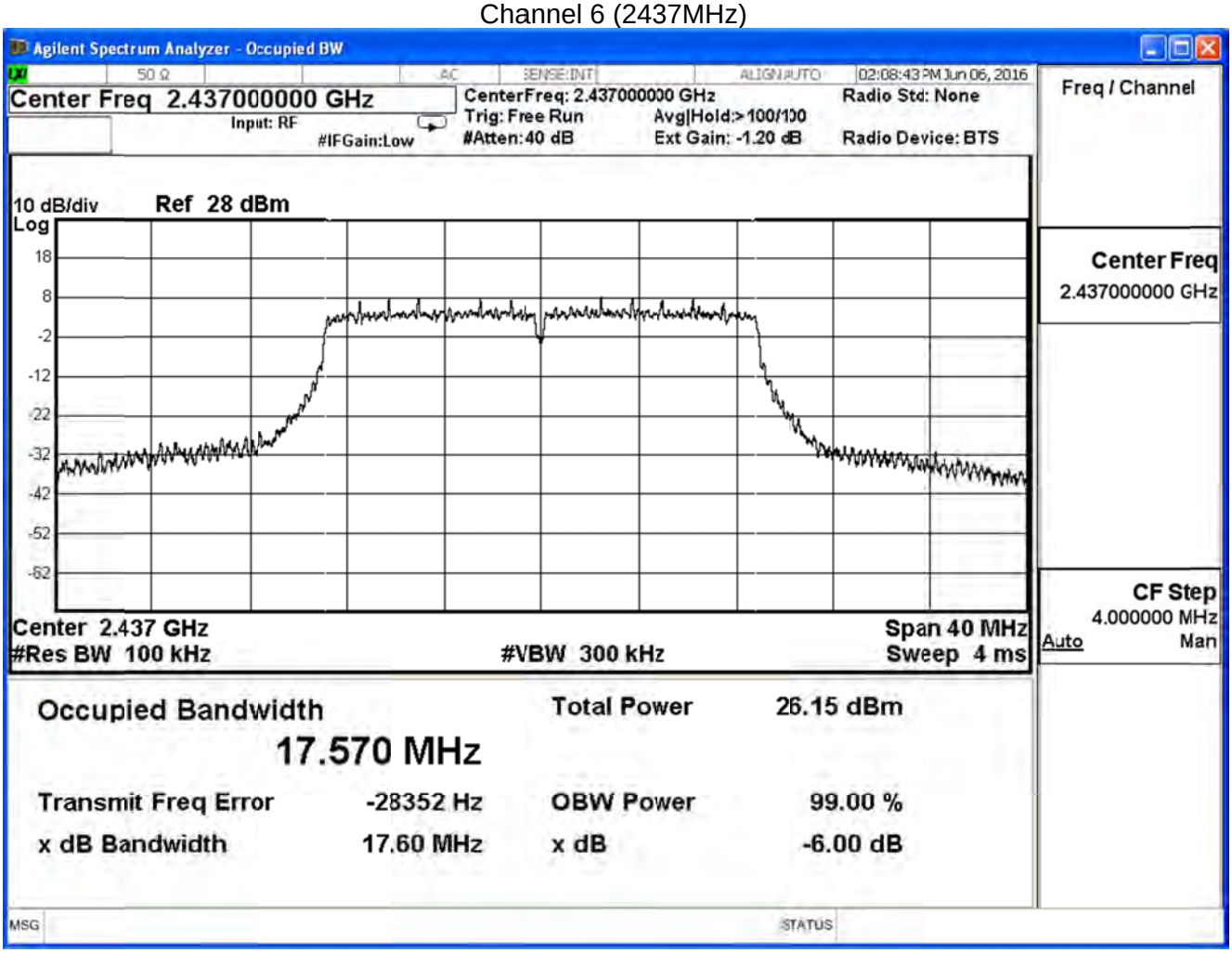
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/14	Test Site	SR7

IEEE 802.11n_20M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.60	≧0.5	Pass
6	2437	17.60	≧0.5	Pass
11	2462	17.58	≧0.5	Pass

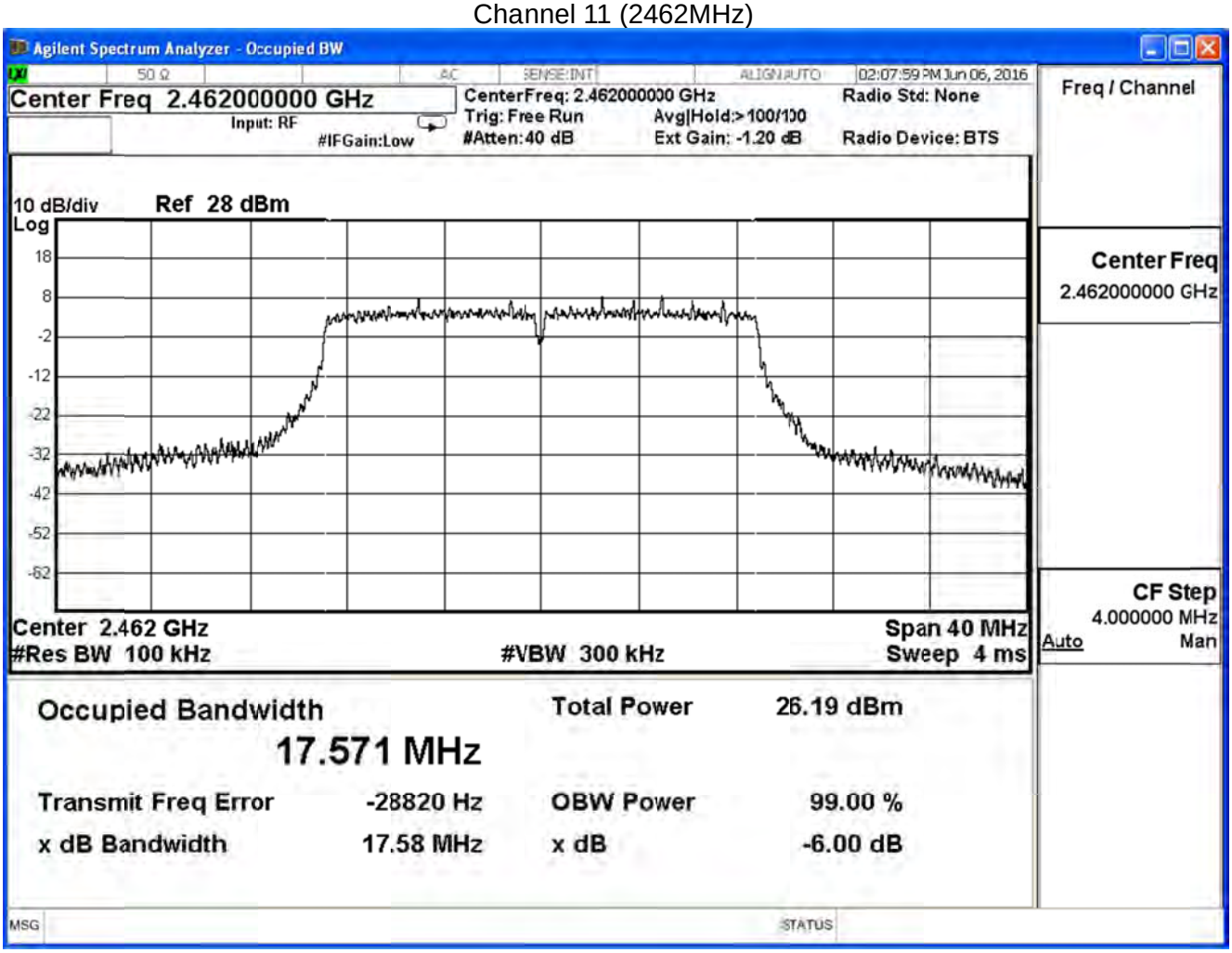
Channel 1 (2412MHz)



Channel 6 (2437MHz)



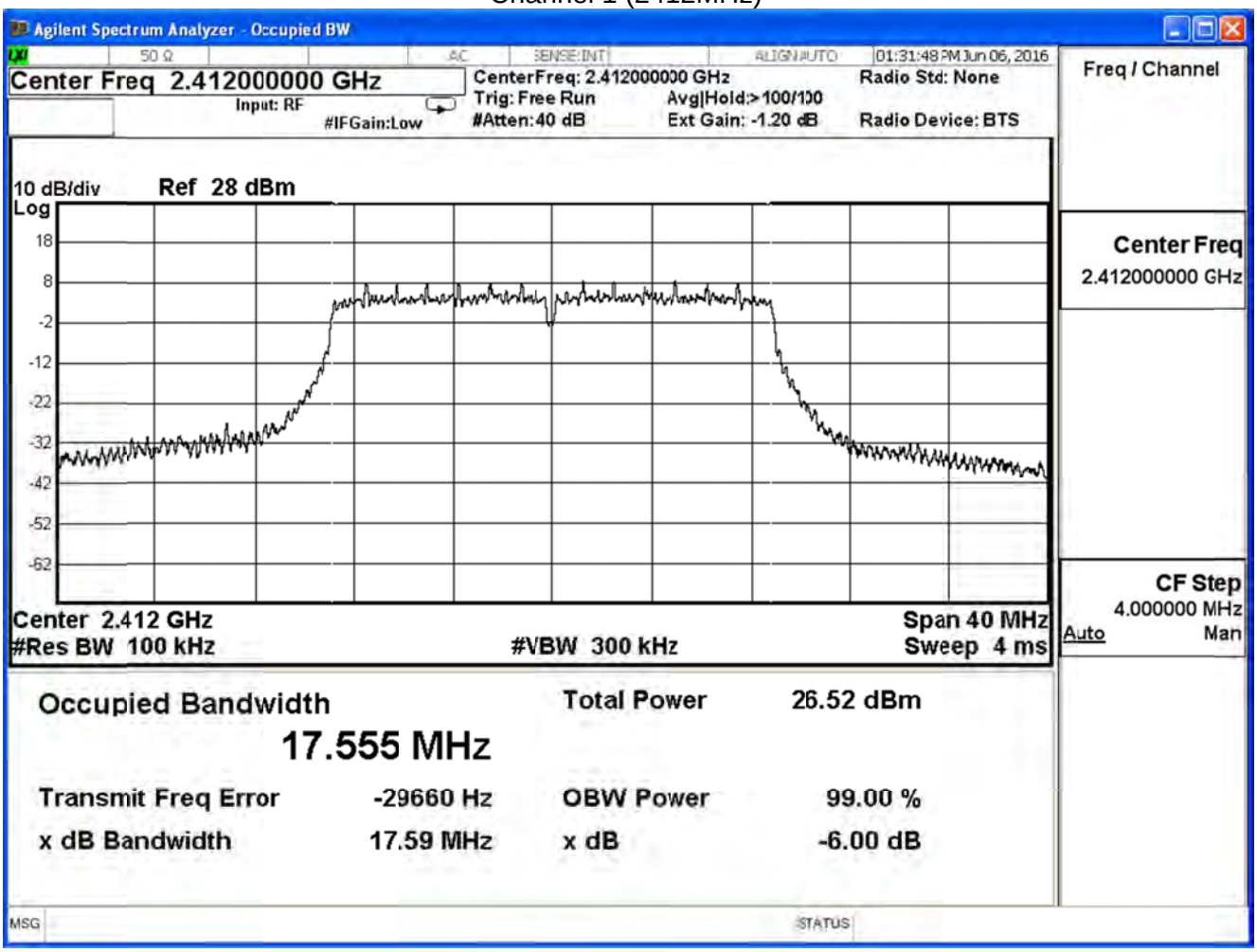
Channel 11 (2462MHz)



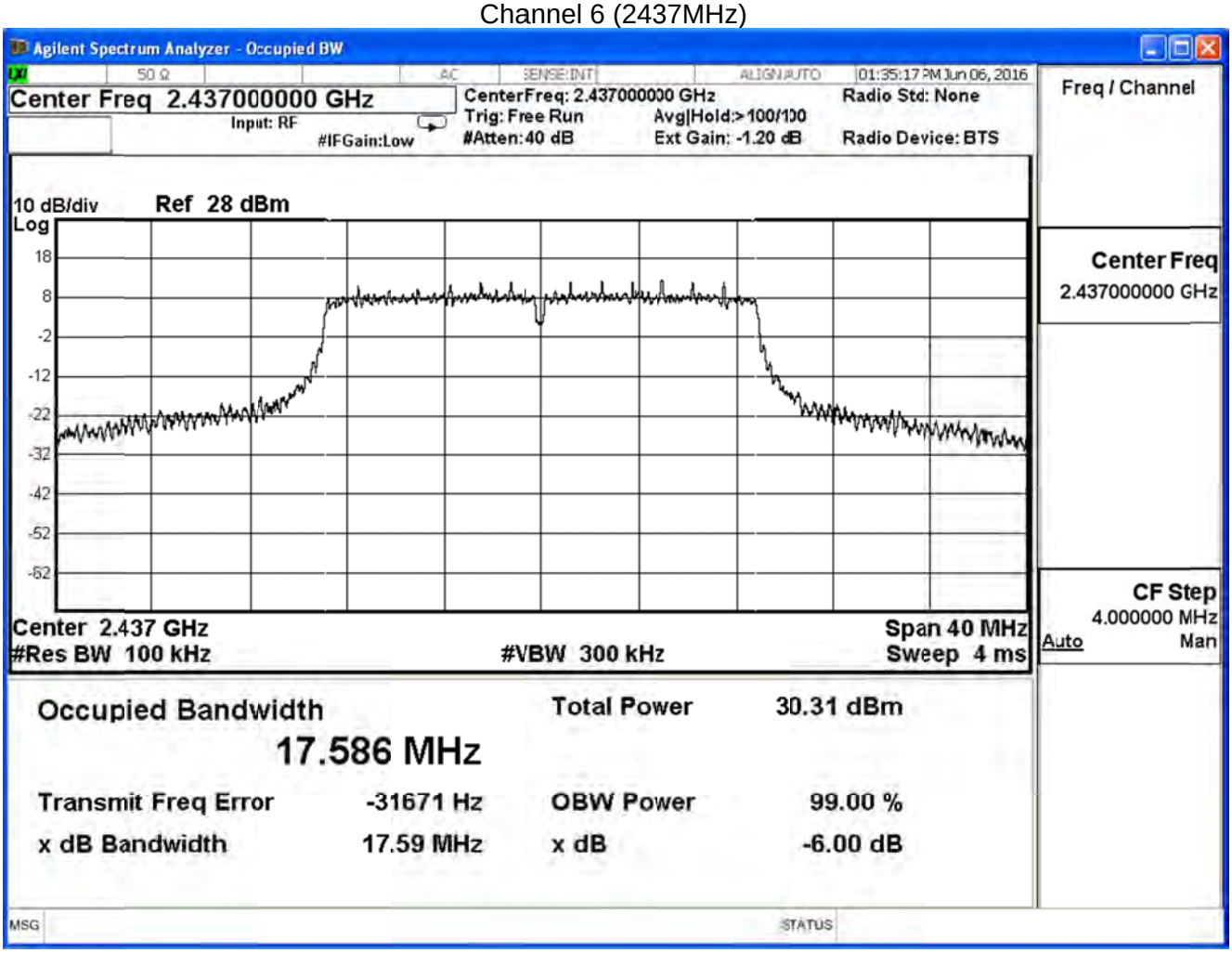
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/14	Test Site	SR7

IEEE 802.11n_20M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.59	≧0.5	Pass
6	2437	17.59	≧0.5	Pass
11	2462	17.60	≧0.5	Pass

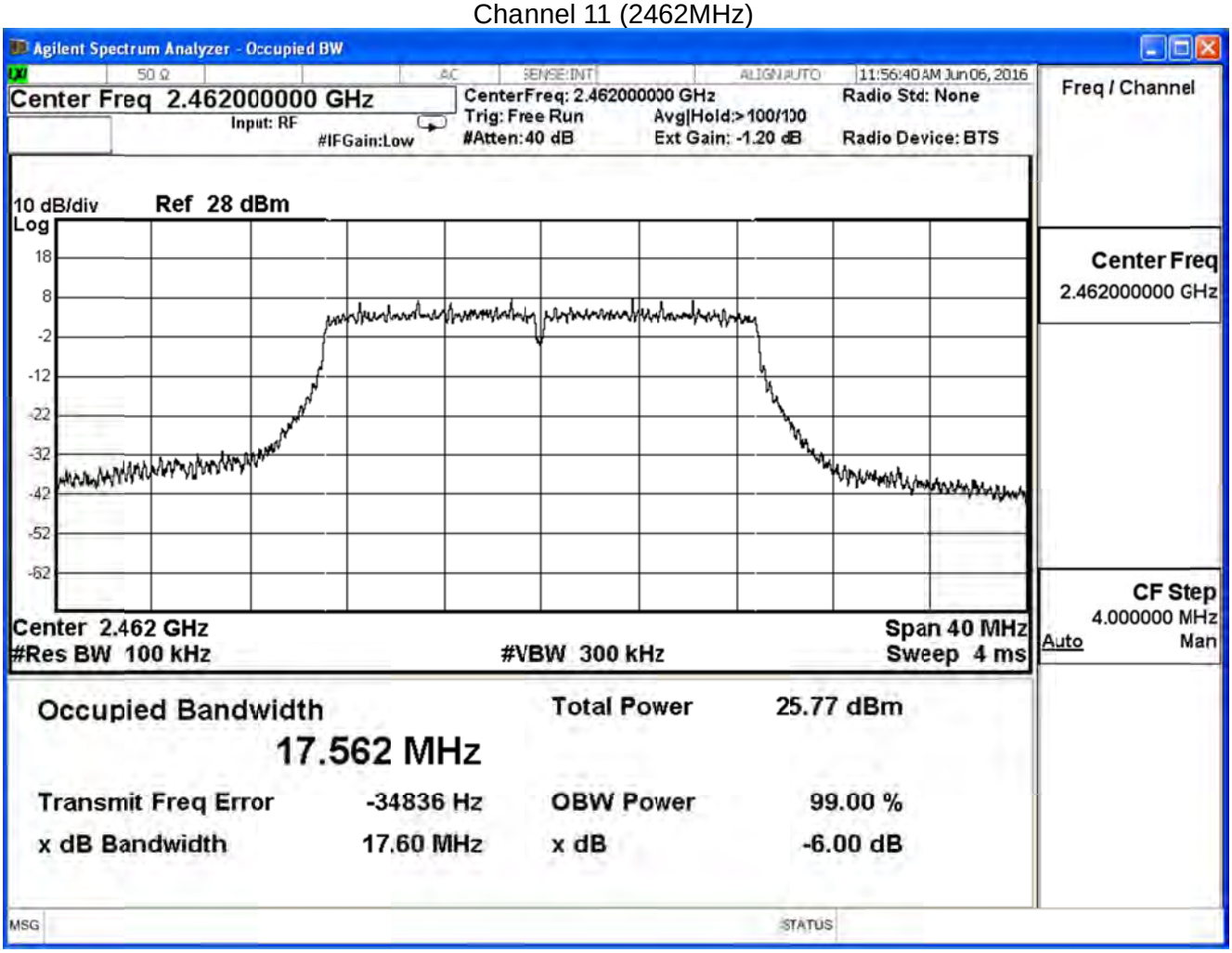
Channel 1 (2412MHz)



Channel 6 (2437MHz)



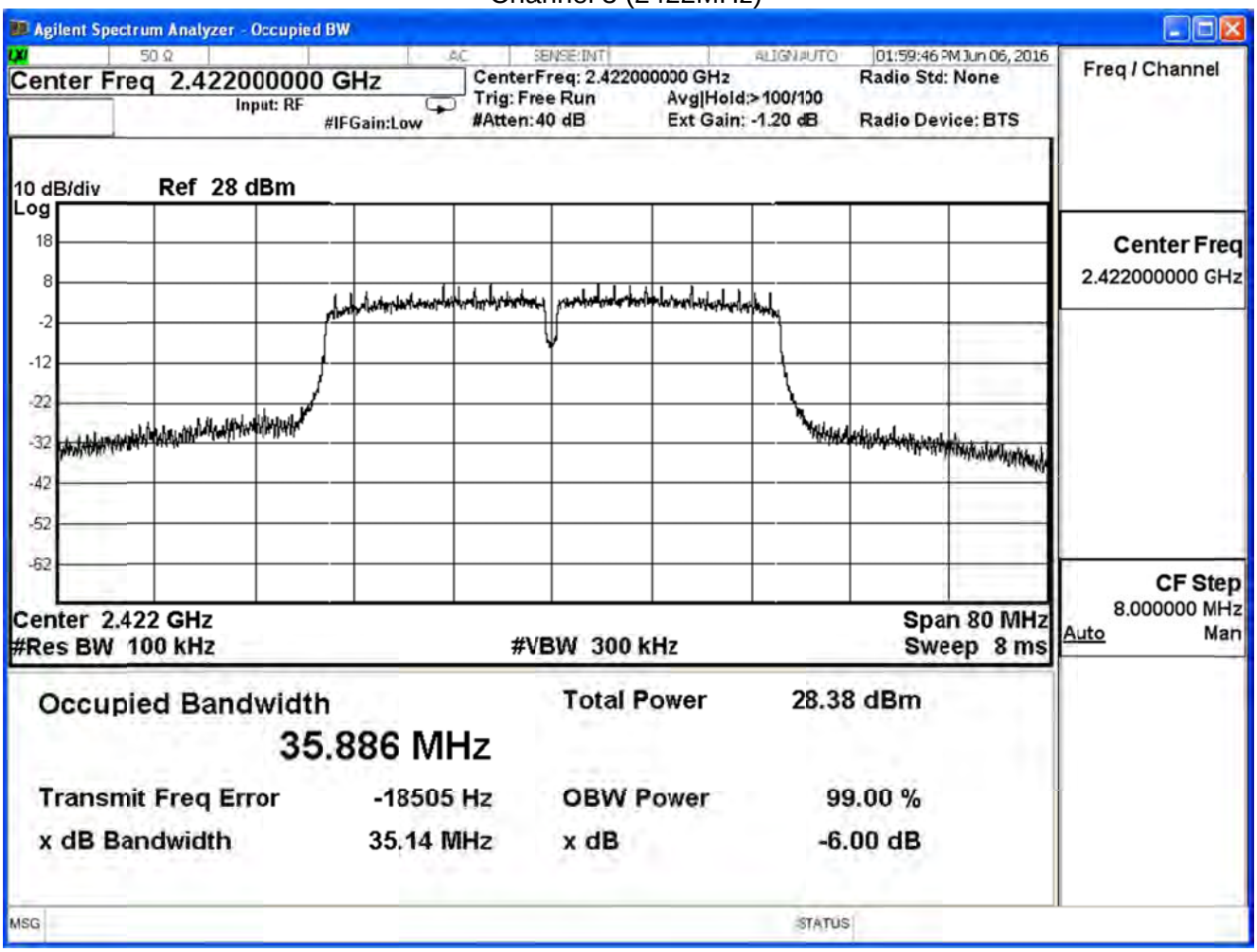
Channel 11 (2462MHz)



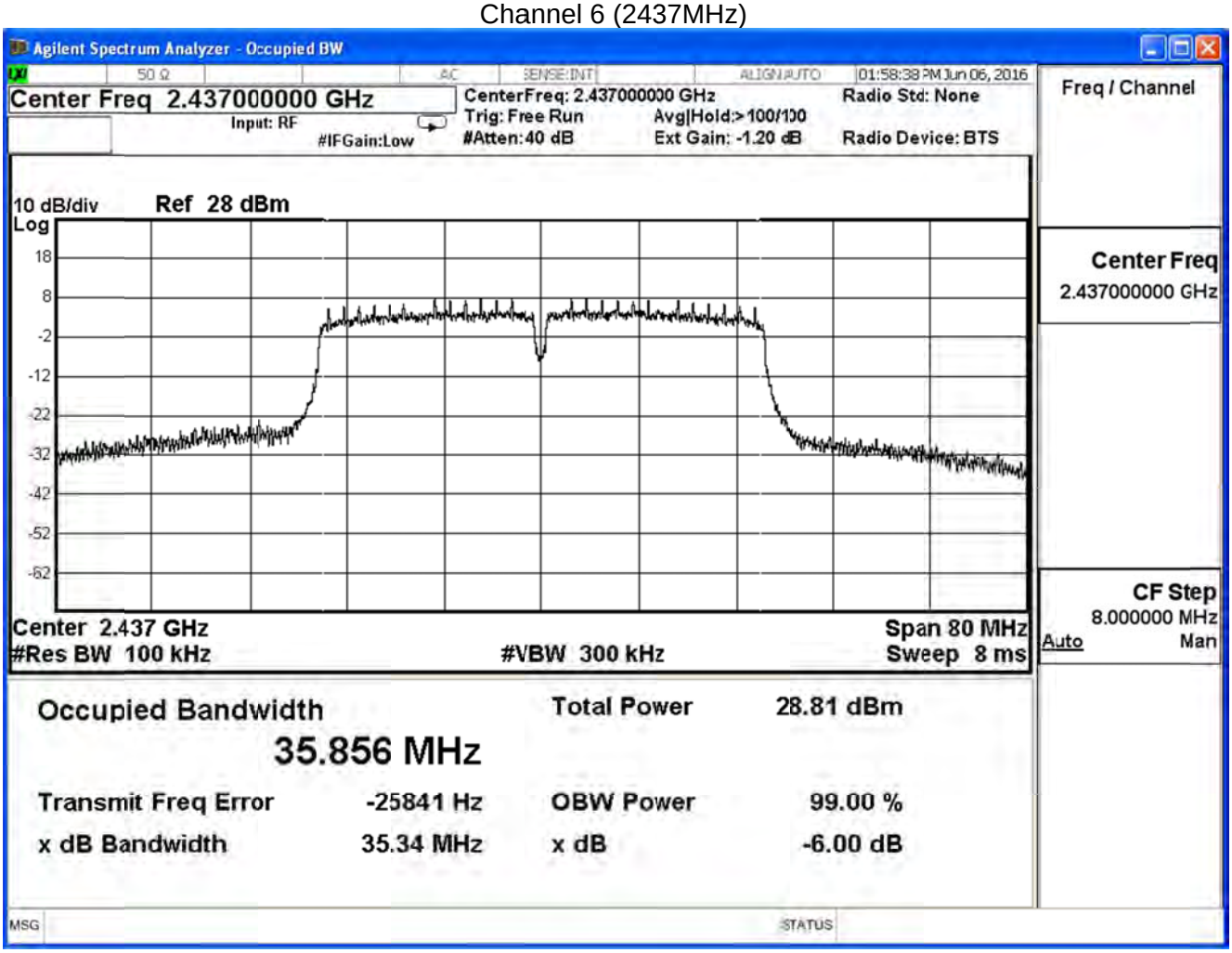
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/14	Test Site	SR7

IEEE 802.11n_40M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.14	≧0.5	Pass
6	2437	35.34	≧0.5	Pass
9	2452	35.13	≧0.5	Pass

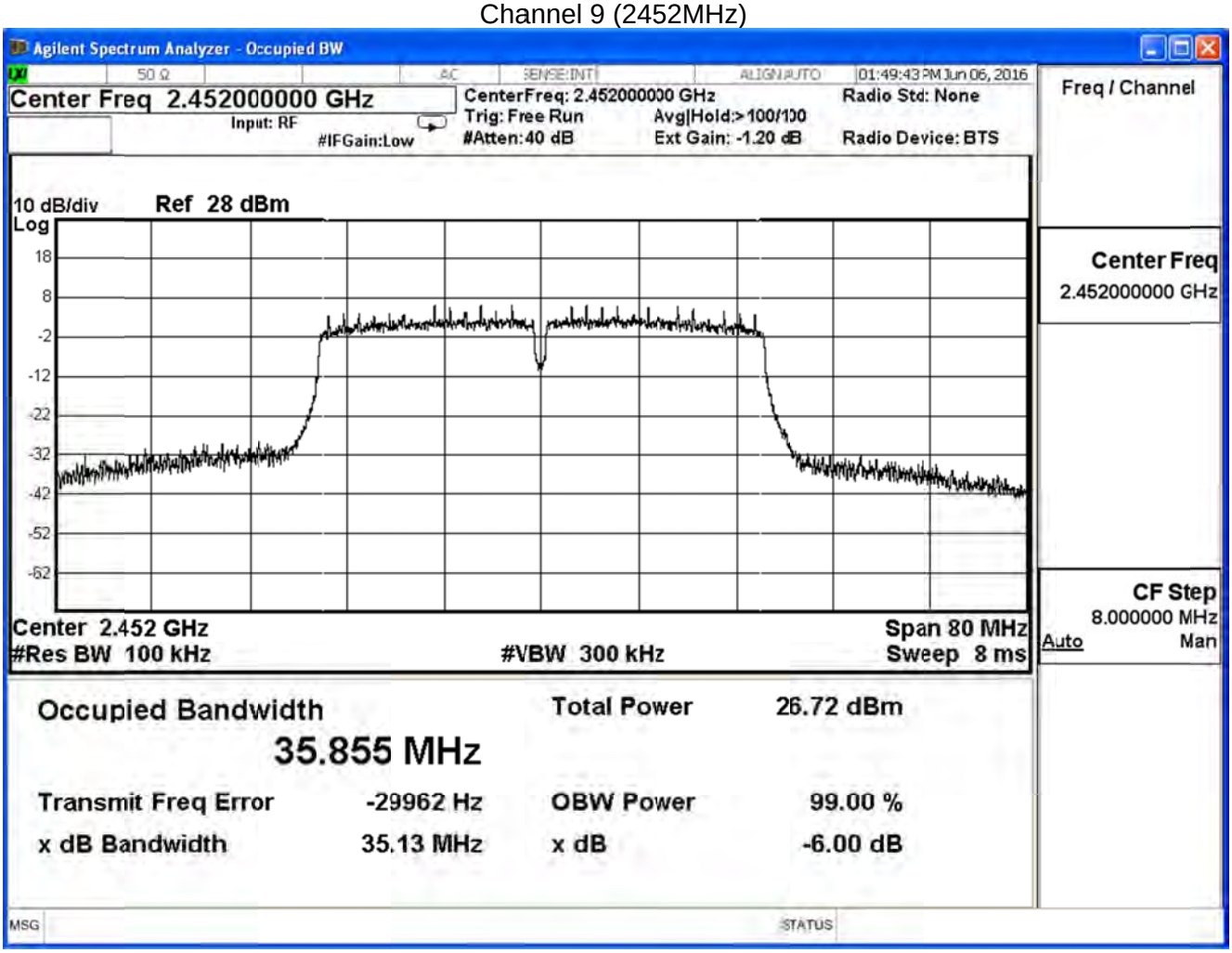
Channel 3 (2422MHz)



Channel 6 (2437MHz)



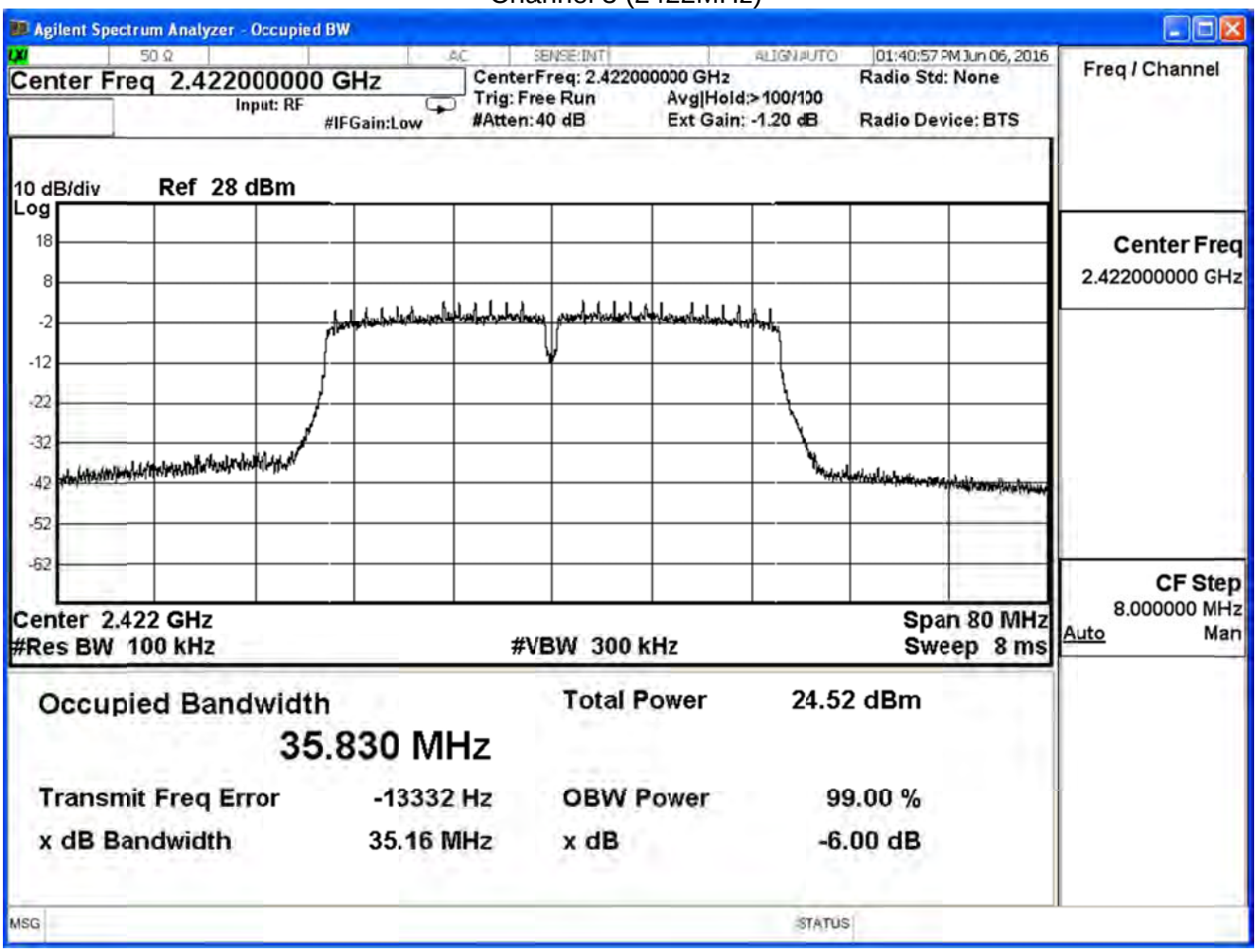
Channel 9 (2452MHz)



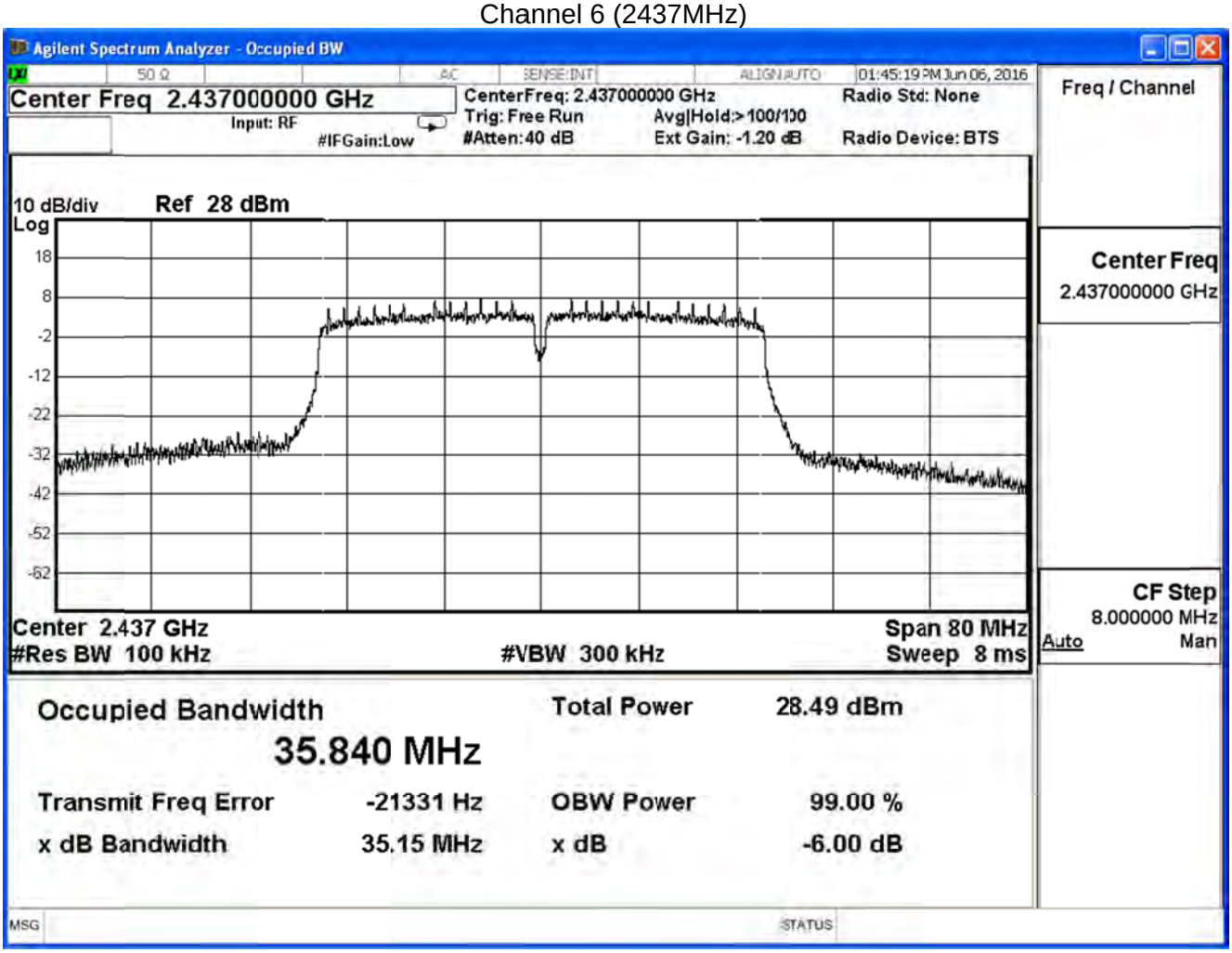
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/14	Test Site	SR7

IEEE 802.11n_40M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.16	≧0.5	Pass
6	2437	35.15	≧0.5	Pass
9	2452	35.15	≧0.5	Pass

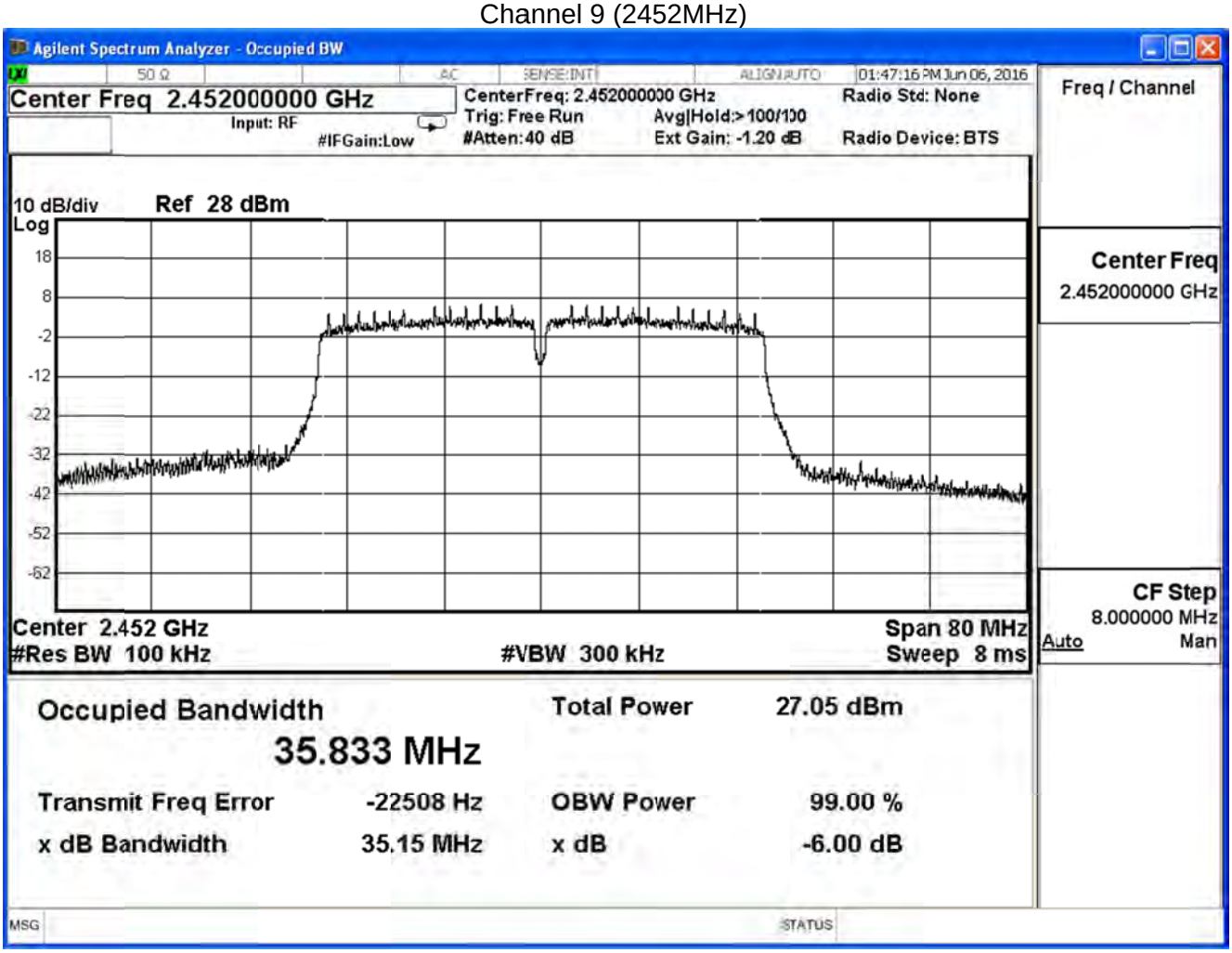
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



8. Occupied Bandwidth

8.1. Test Equipment

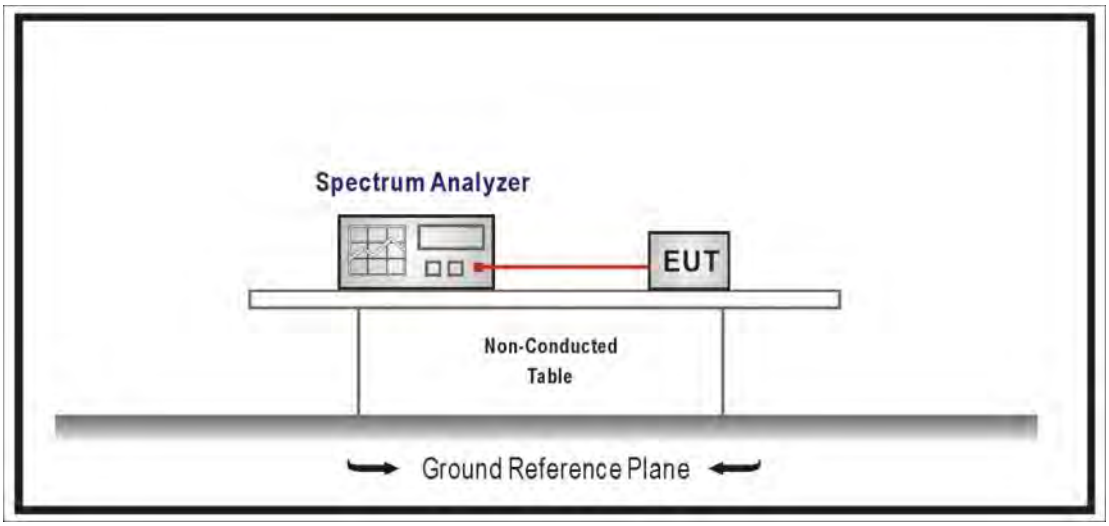
The following test equipment are used during the test:

Occupied Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2016/08/23

Note: All equipment 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: 2013; tested according to DTS test procedure of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 1-5% of the OBW, Set the VBW≧3xRBW, Sweep Time=Auto.

8.4. Limits

N/A

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

8.6. Uncertainty

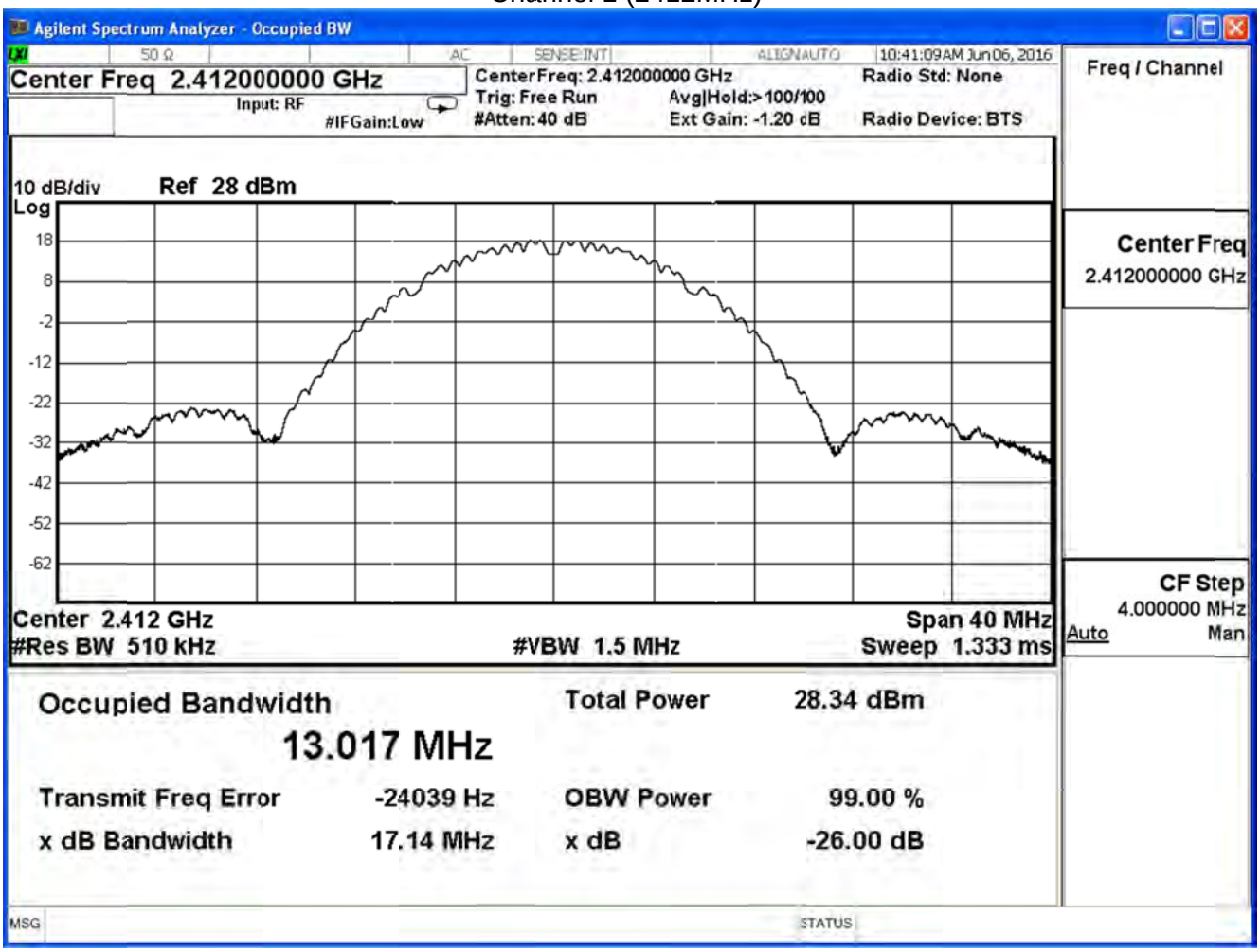
The measurement uncertainty is defined as ±150Hz

8.7. Test Result

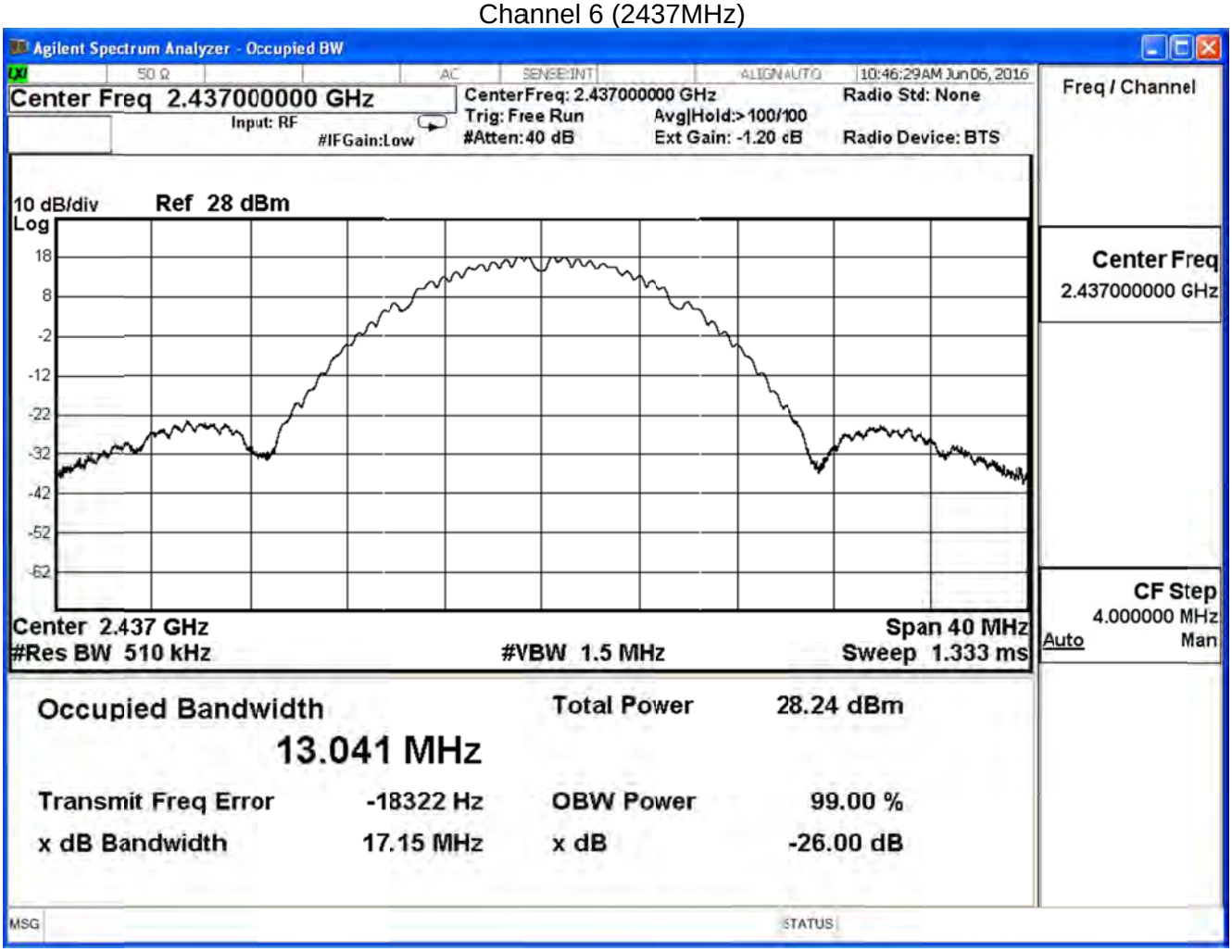
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/09	Test Site	SR7

802.11 b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	13.017	--	Pass
6	2437	13.041	--	Pass
11	2462	13.080	--	Pass

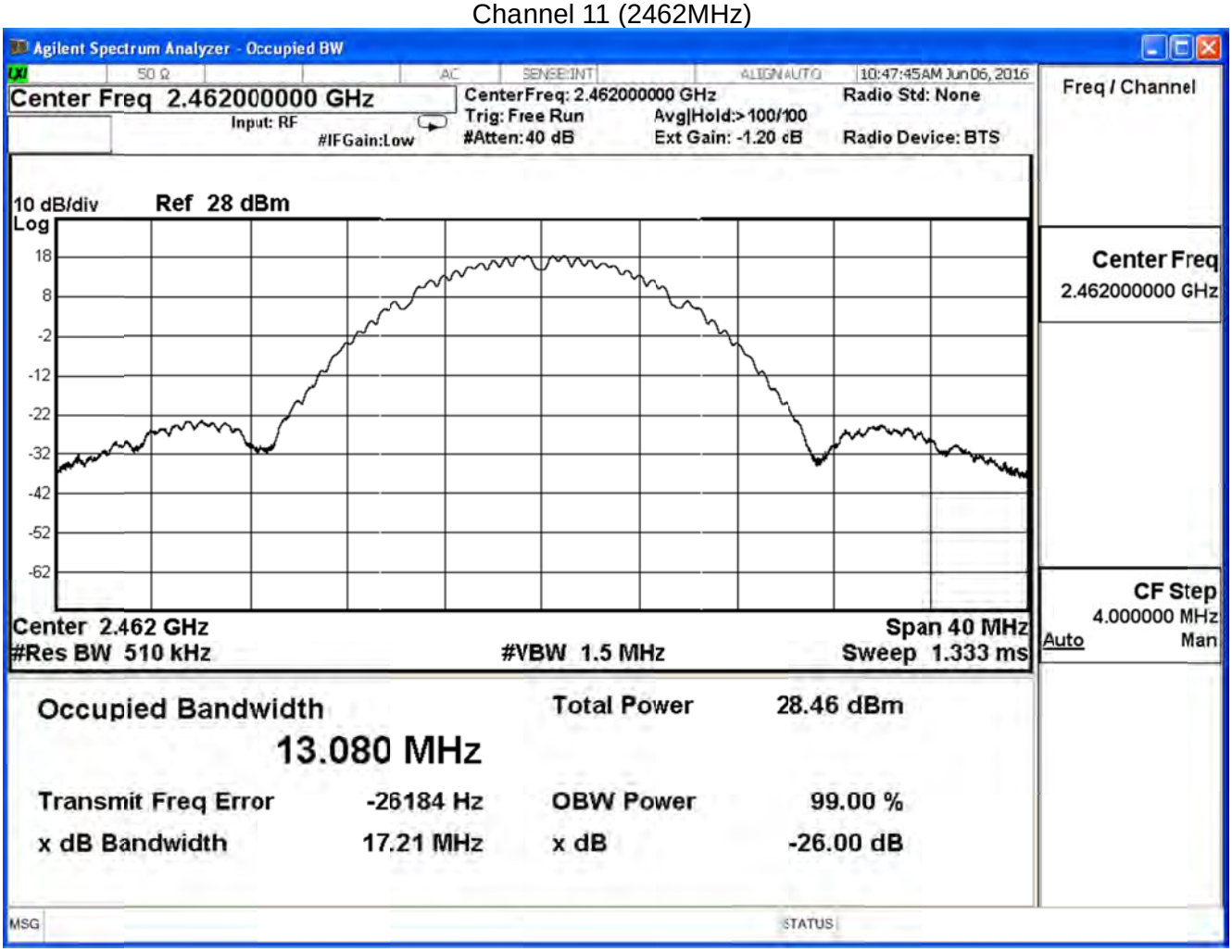
Channel 1 (2412MHz)



Channel 6 (2437MHz)



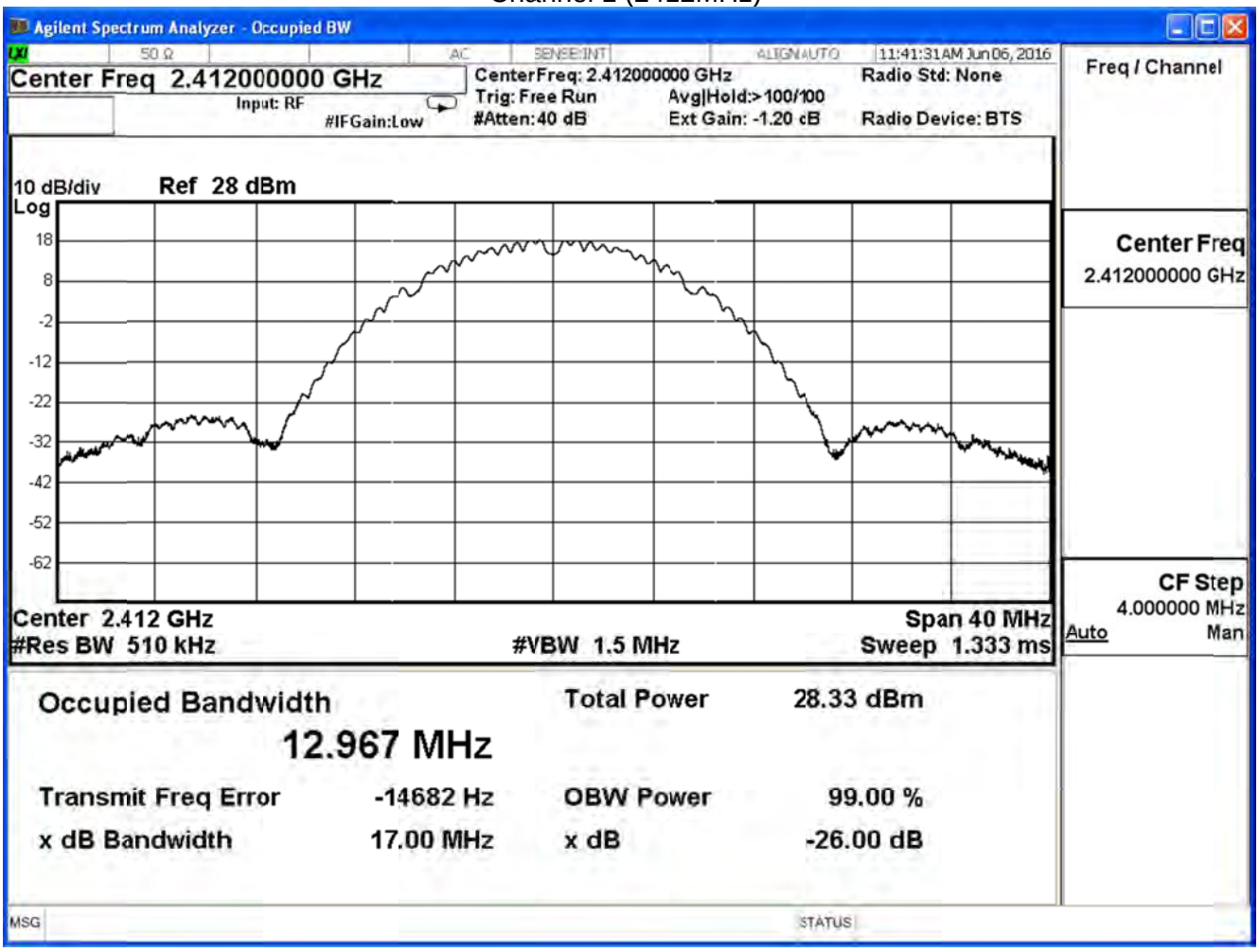
Channel 11 (2462MHz)



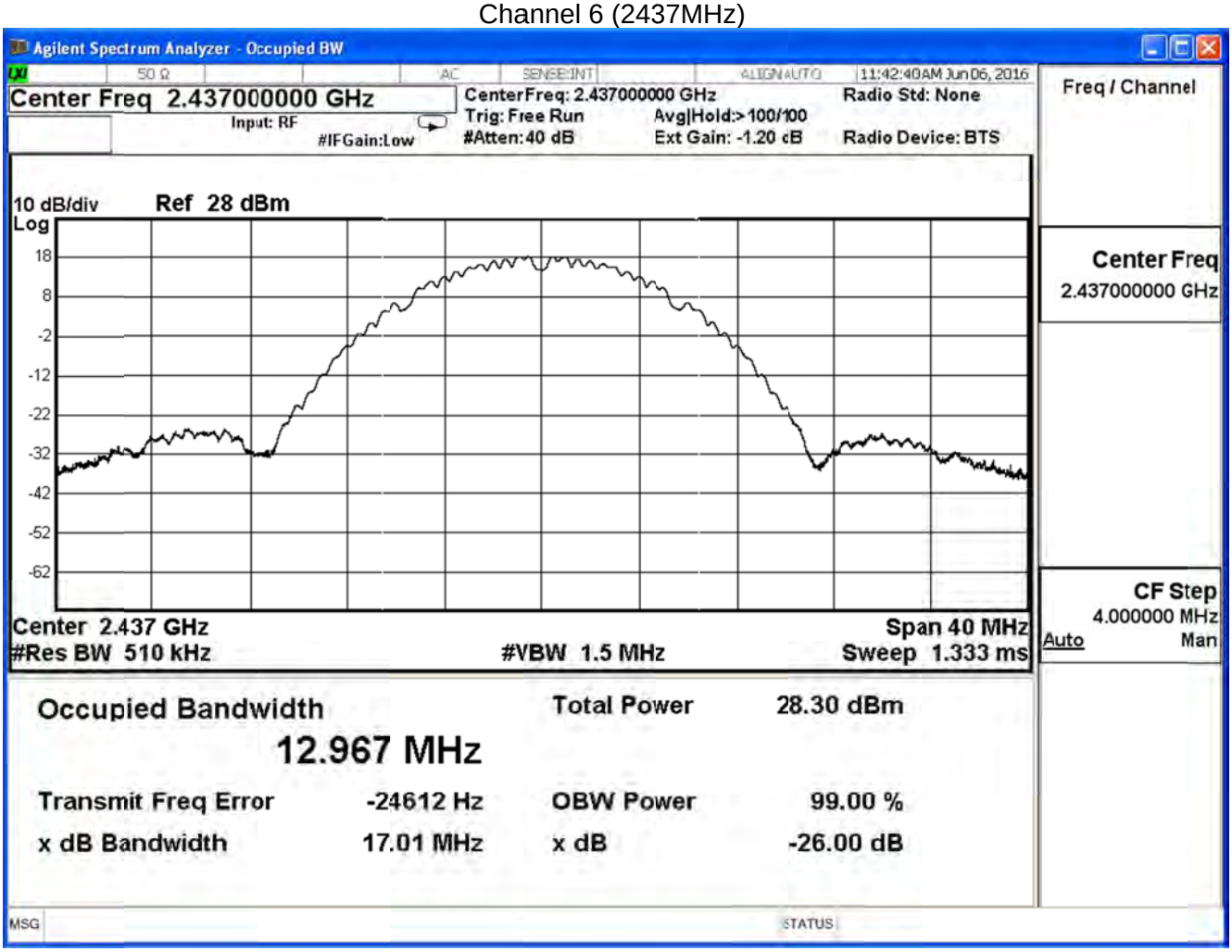
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/09	Test Site	SR7

802.11 b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	12.967	--	Pass
6	2437	12.967	--	Pass
11	2462	12.930	--	Pass

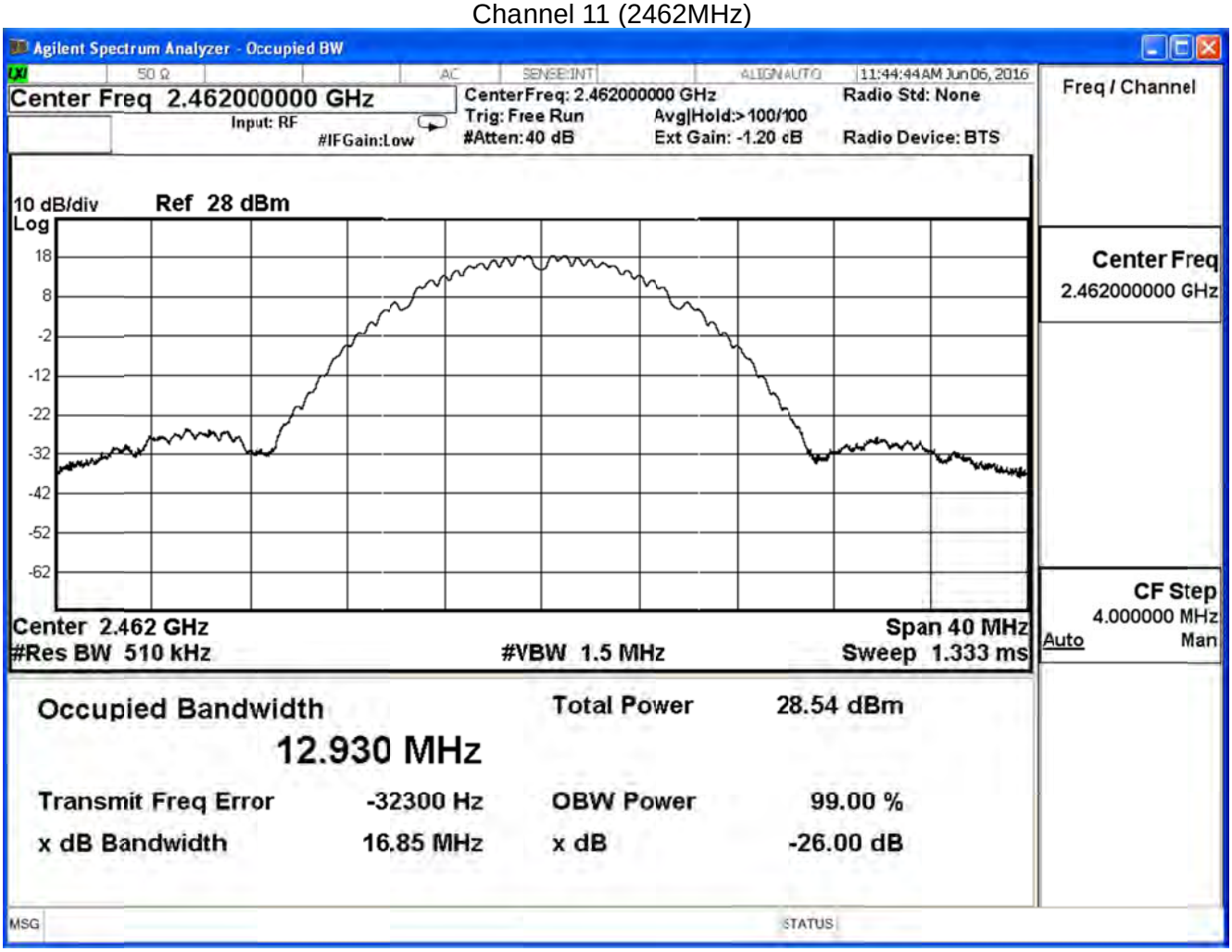
Channel 1 (2412MHz)



Channel 6 (2437MHz)



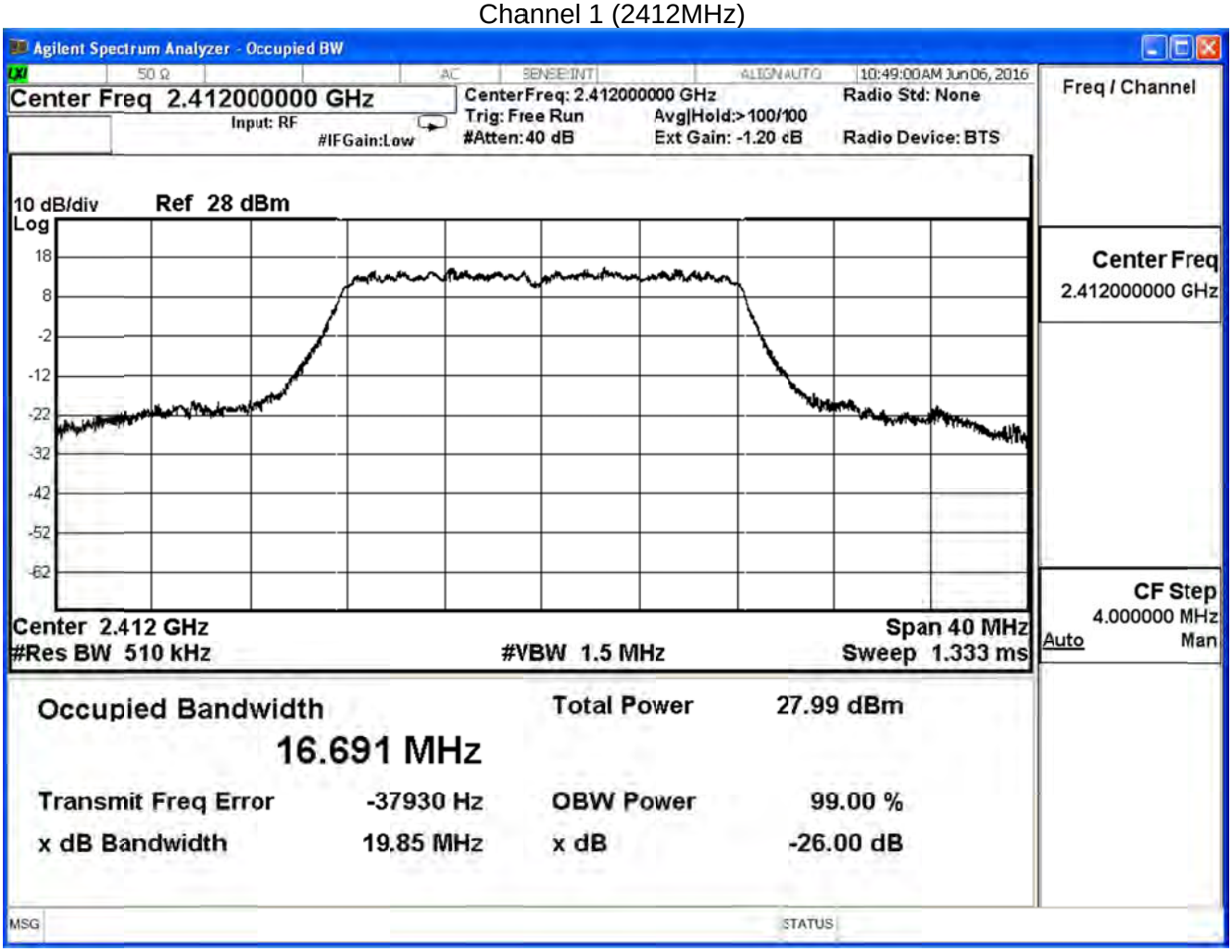
Channel 11 (2462MHz)



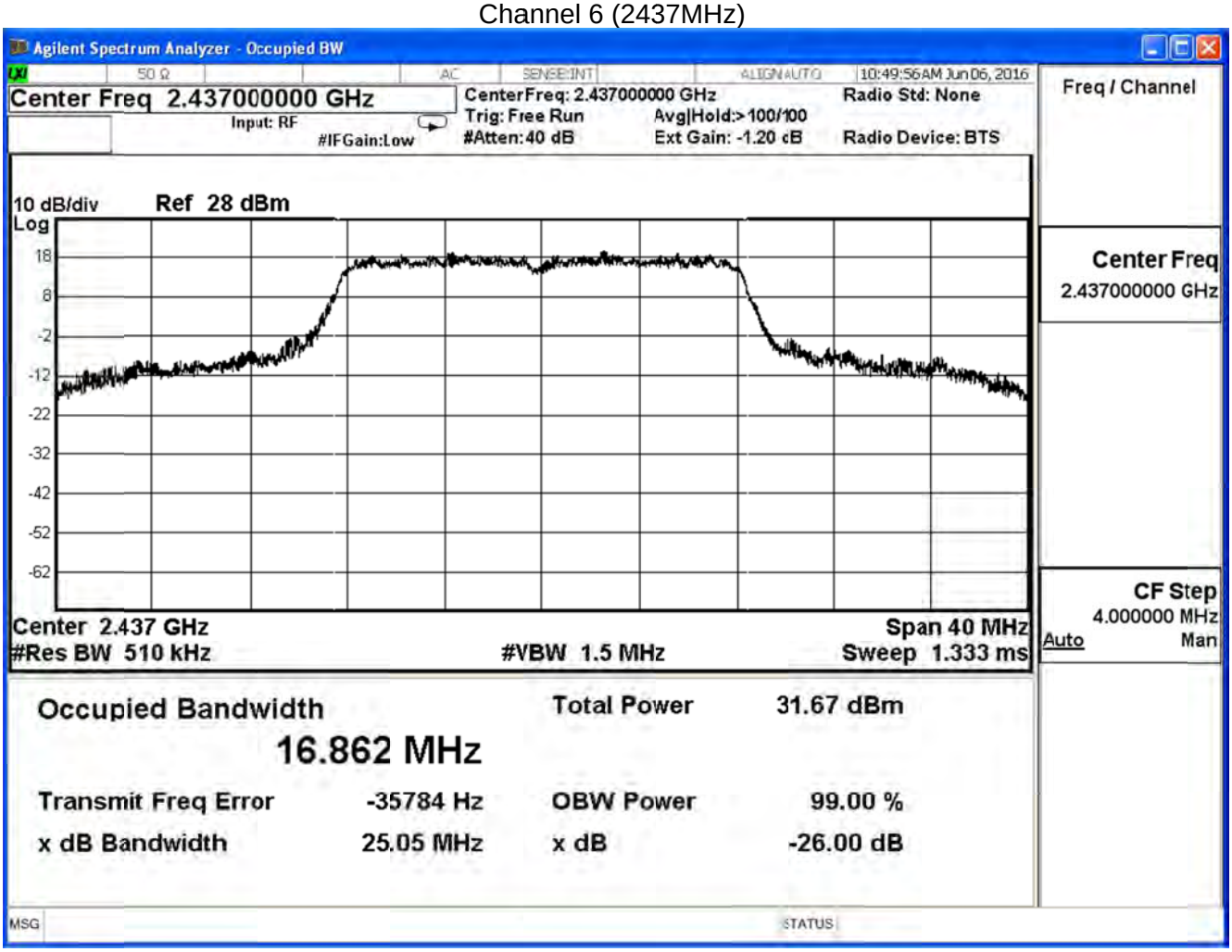
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/09	Test Site	SR7

802.11 g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	16.691	--	Pass
6	2437	16.862	--	Pass
11	2462	16.655	--	Pass

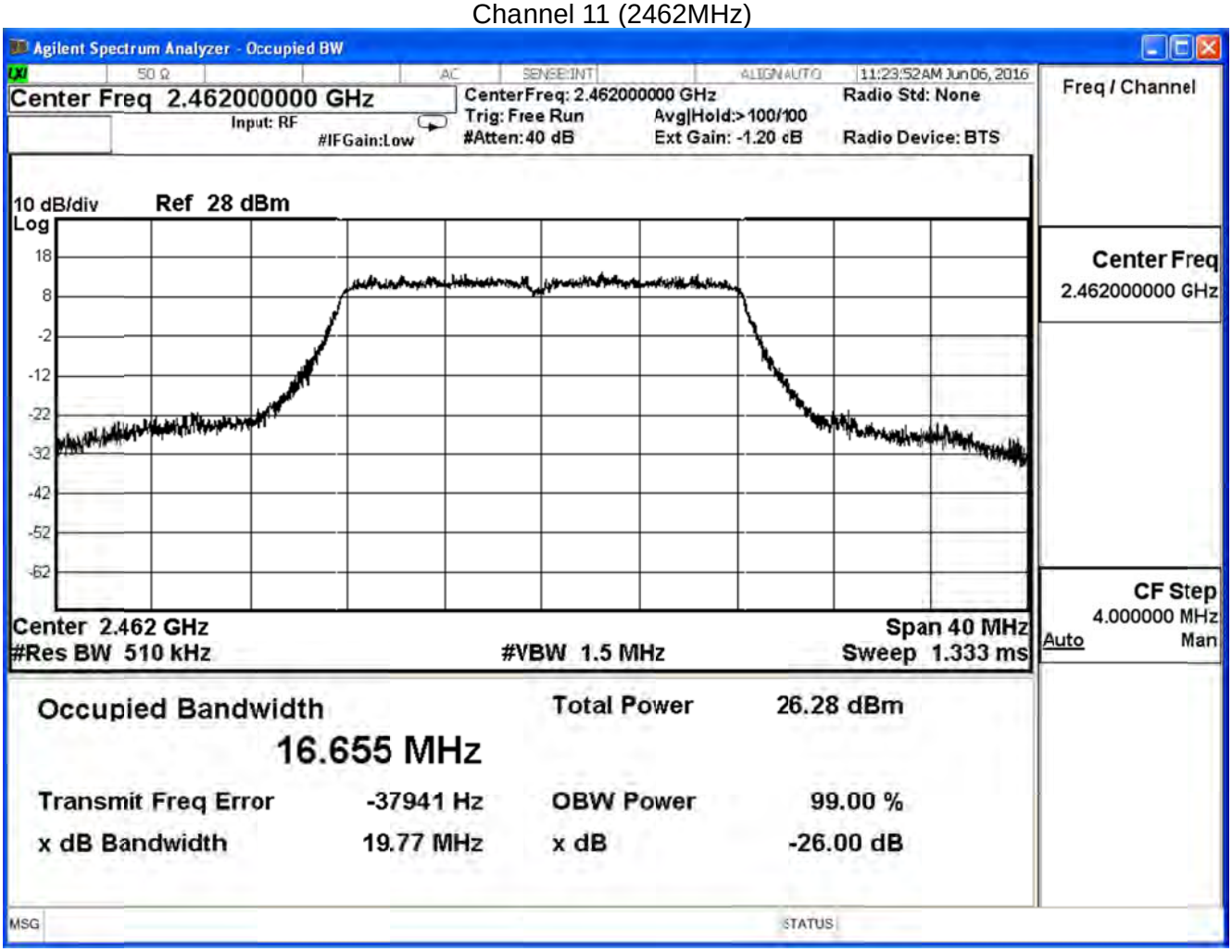
Channel 1 (2412MHz)



Channel 6 (2437MHz)



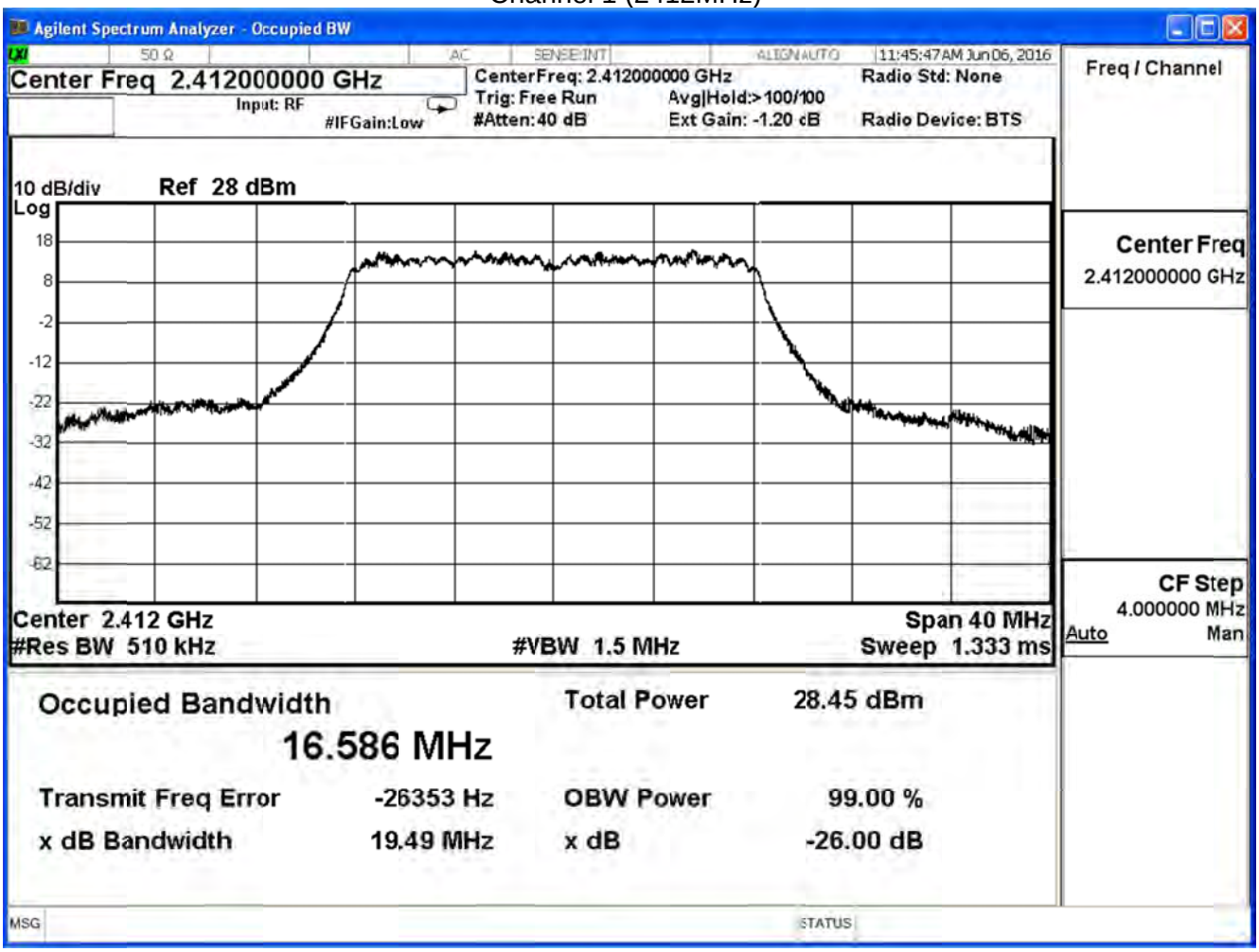
Channel 11 (2462MHz)



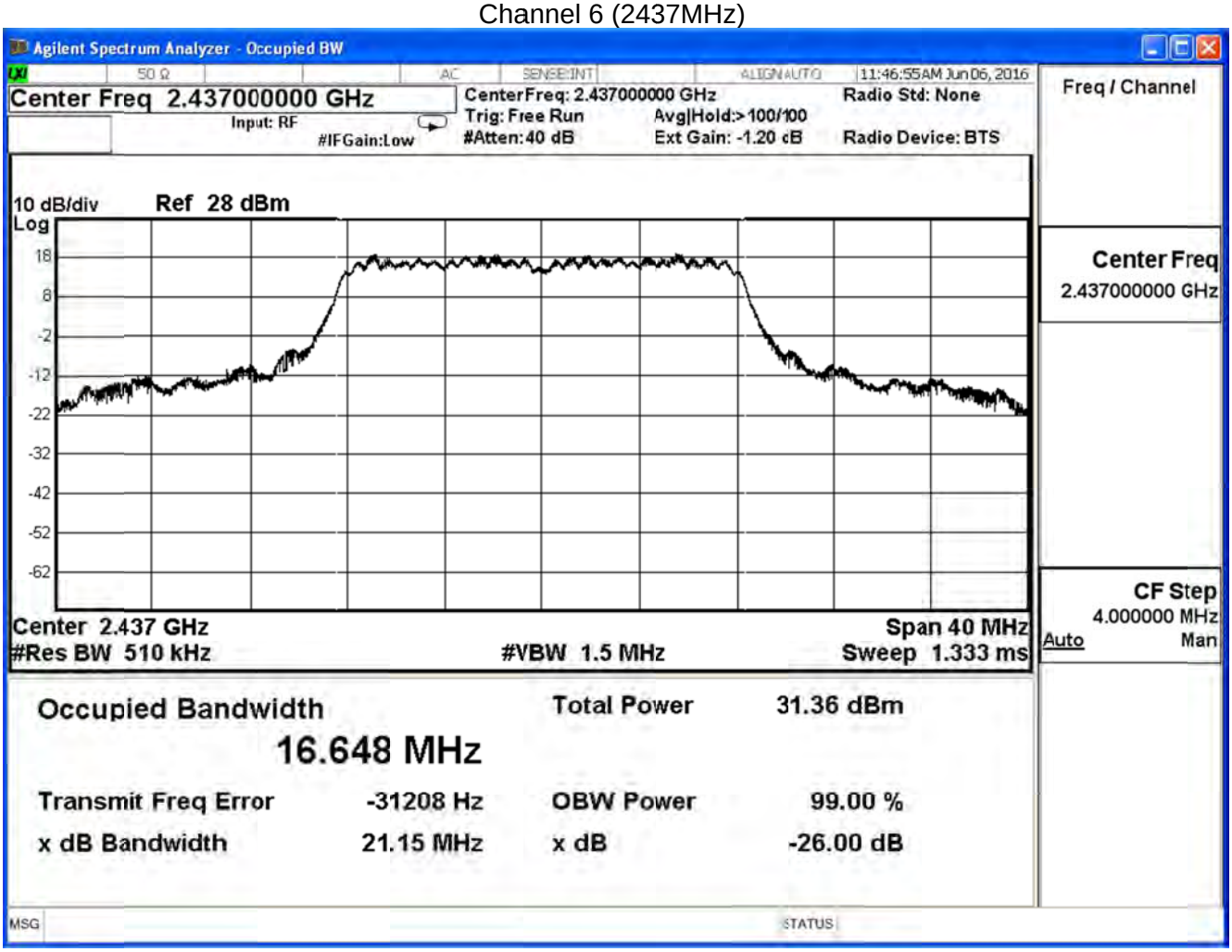
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/09	Test Site	SR7

802.11 g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	16.586	--	Pass
6	2437	16.648	--	Pass
11	2462	16.584	--	Pass

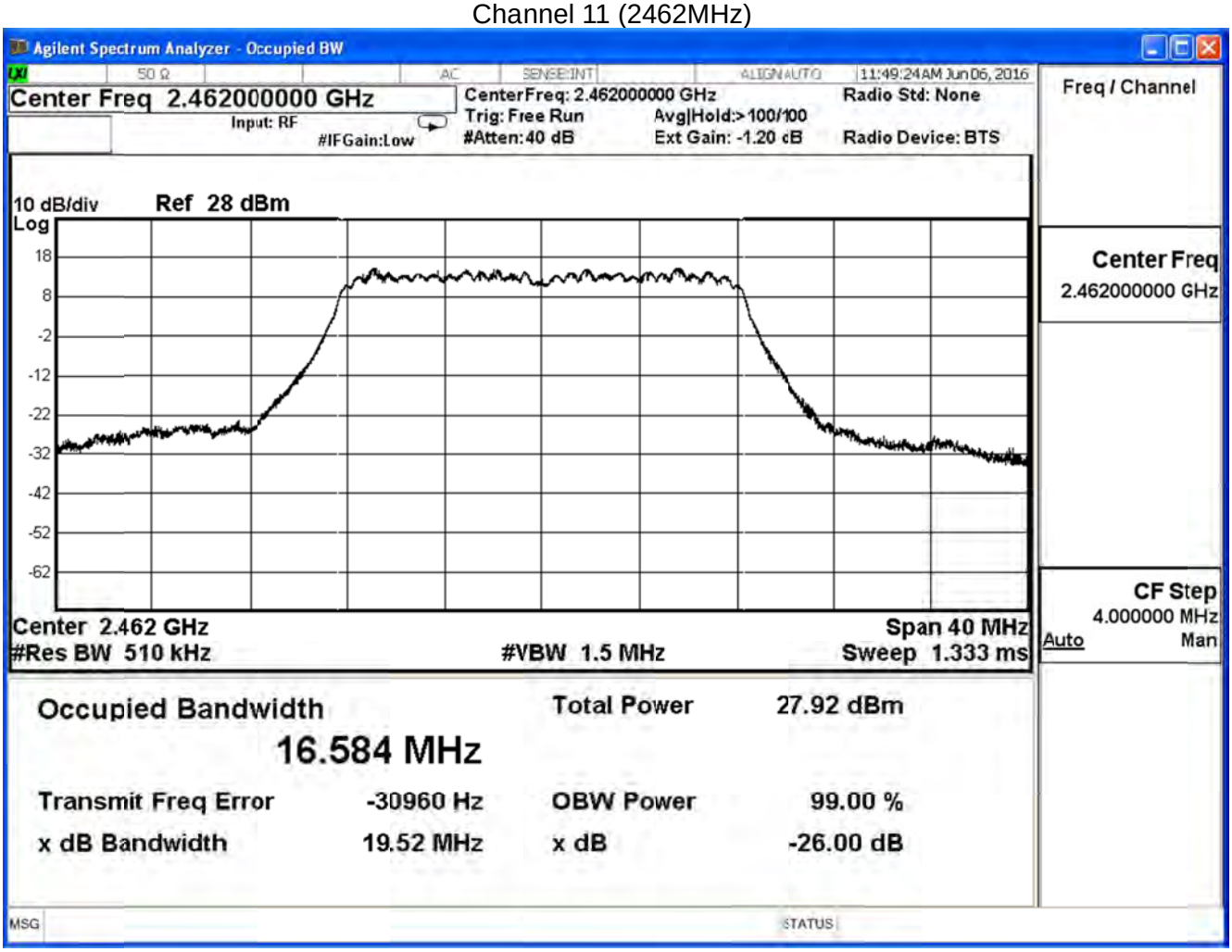
Channel 1 (2412MHz)



Channel 6 (2437MHz)



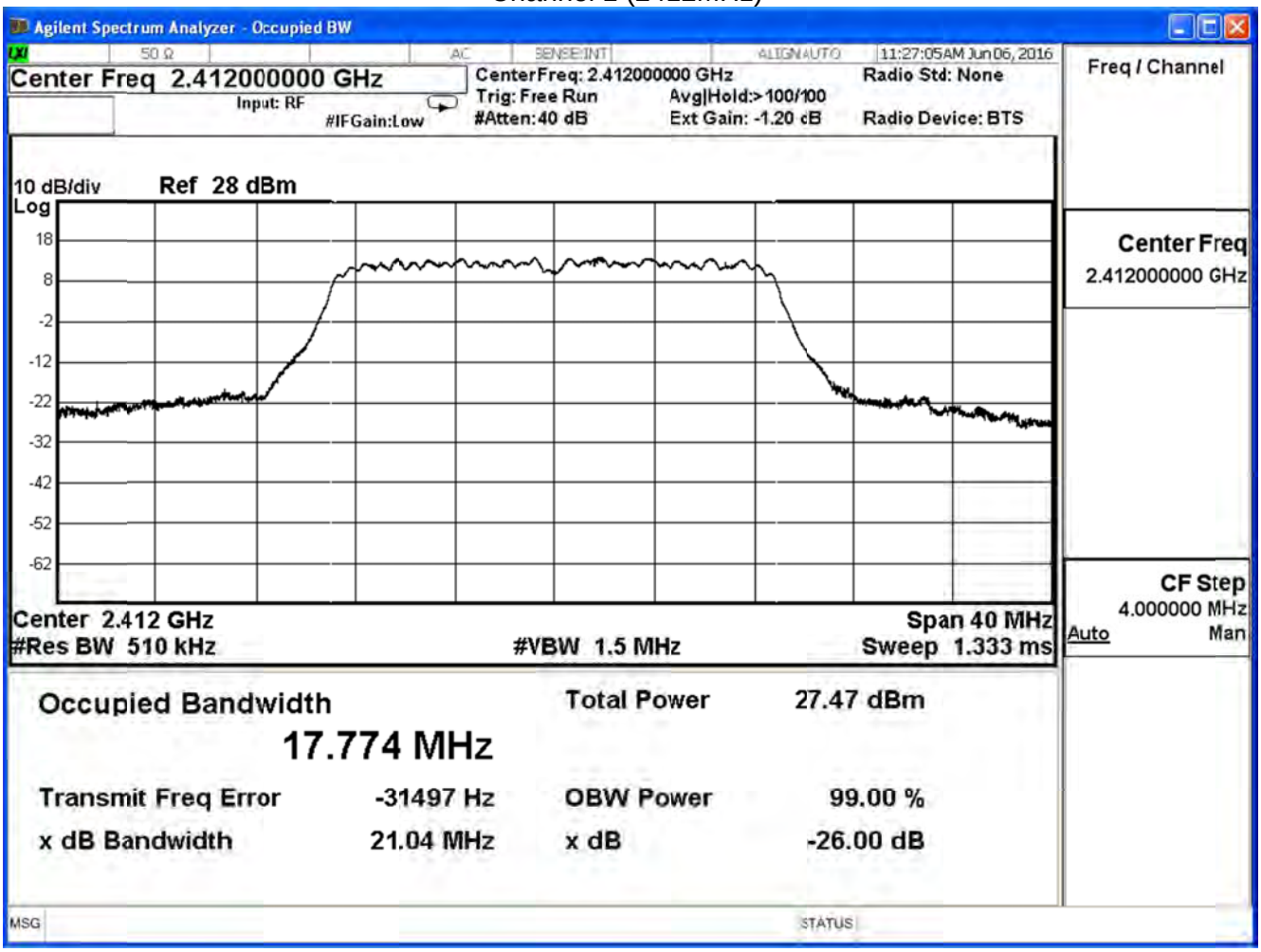
Channel 11 (2462MHz)



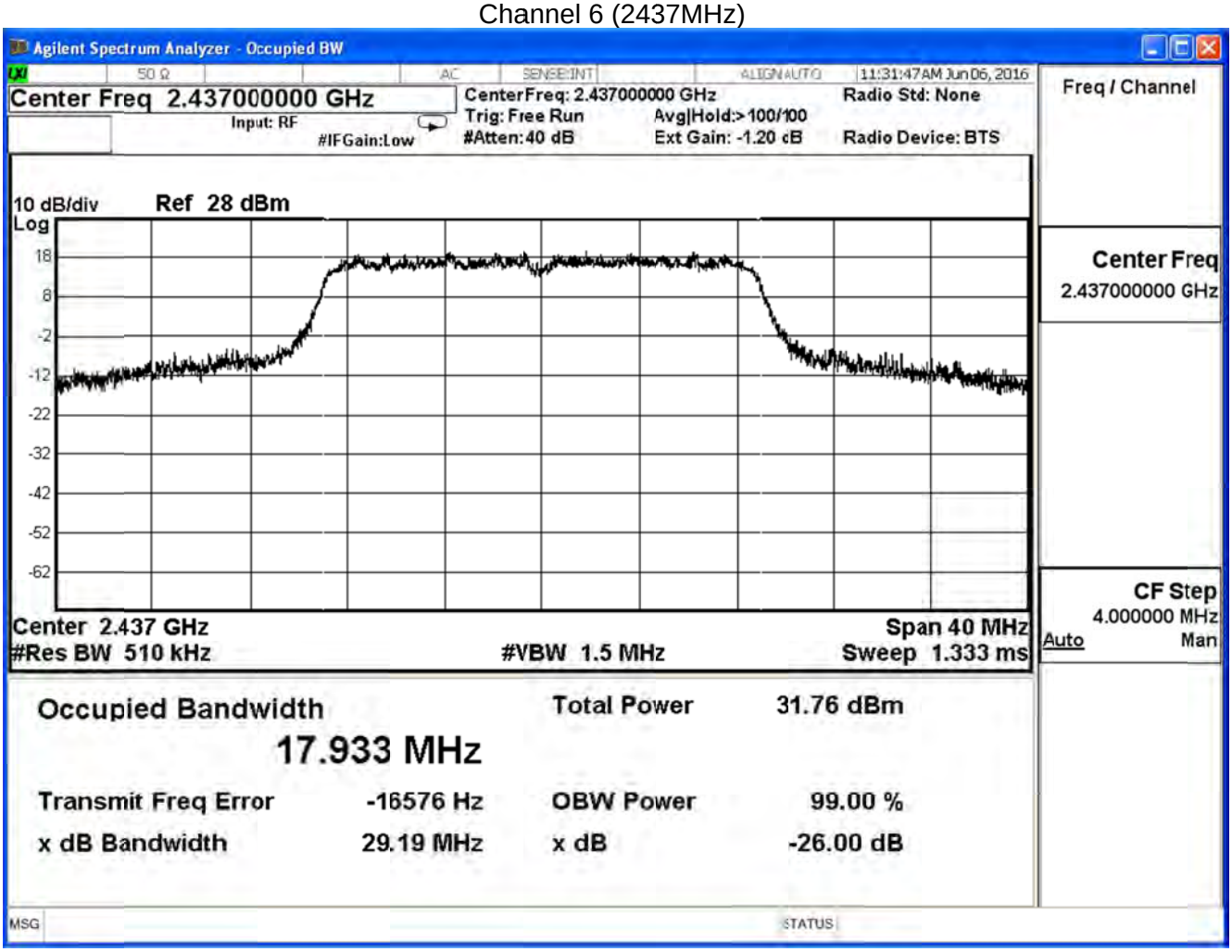
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/09	Test Site	SR7

IEEE802.11n 20MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	17.774	--	Pass
6	2437	17.933	--	Pass
11	2462	17.772	--	Pass

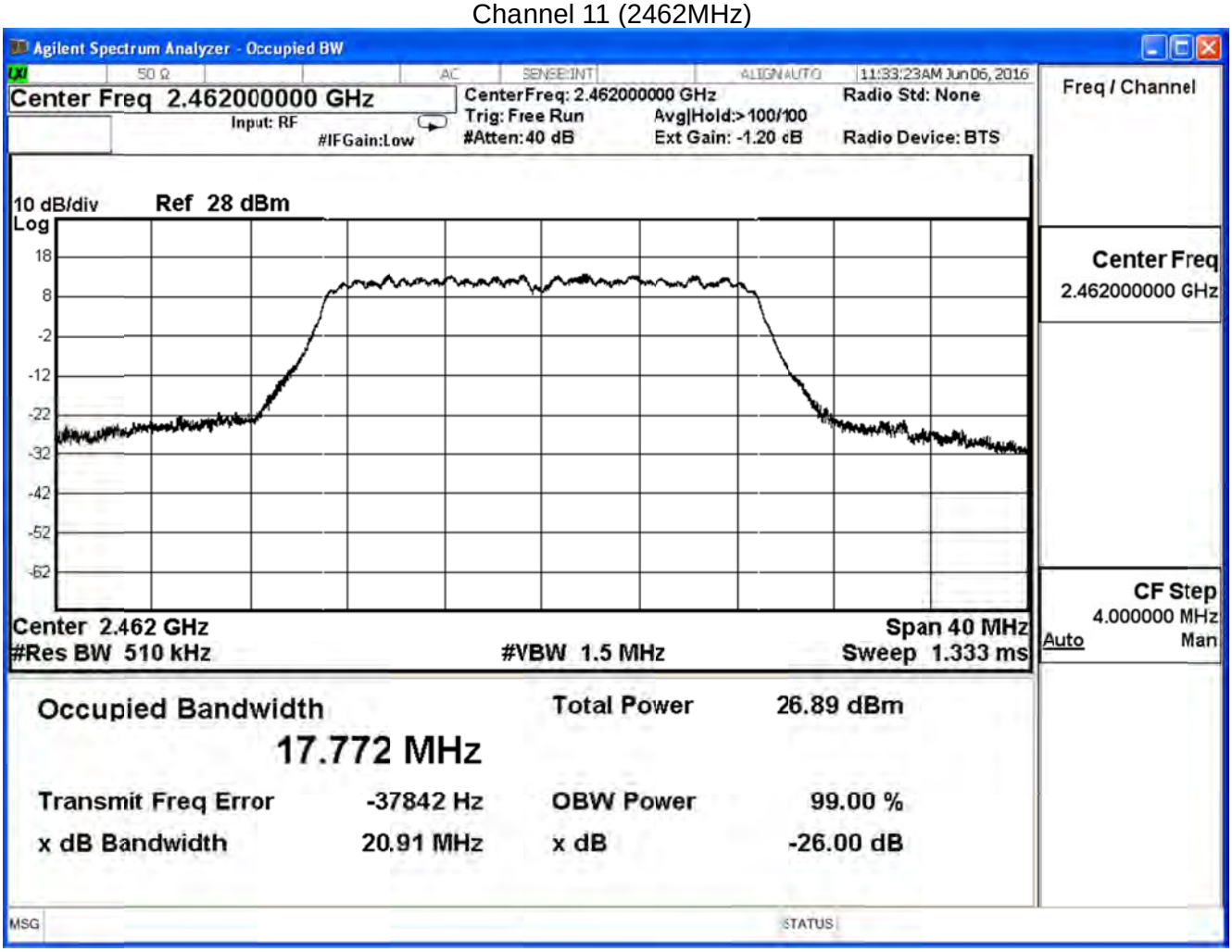
Channel 1 (2412MHz)



Channel 6 (2437MHz)



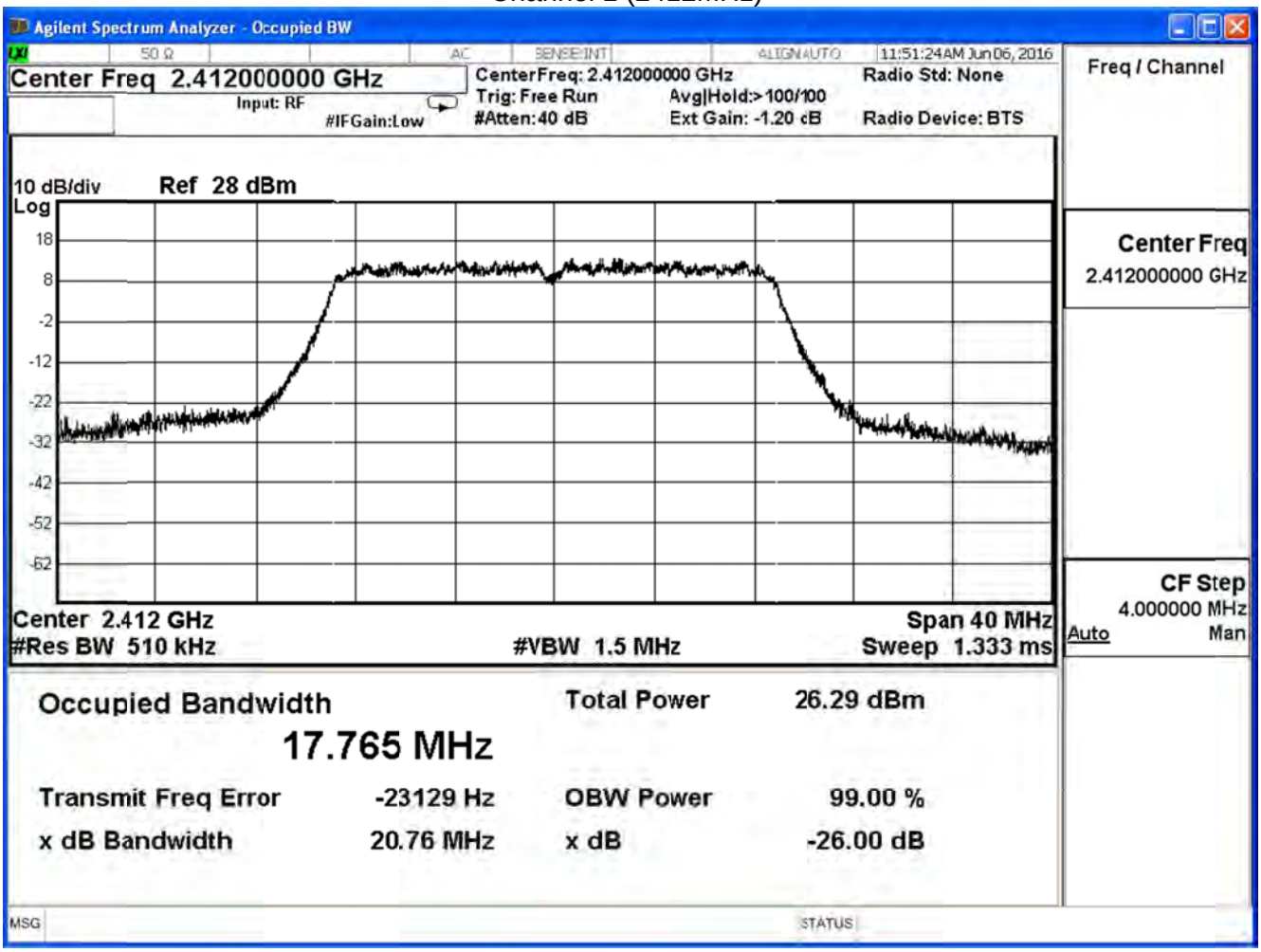
Channel 11 (2462MHz)



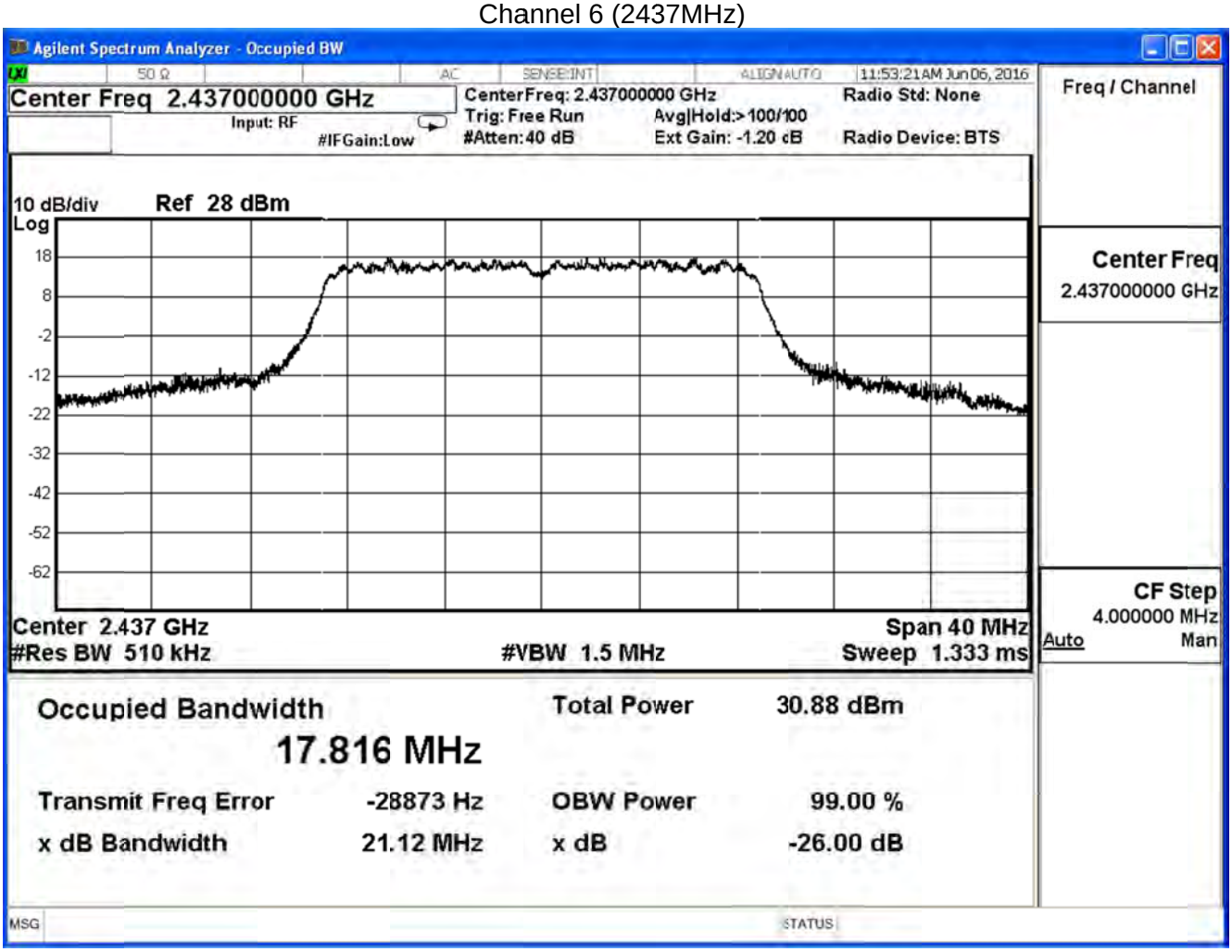
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/09	Test Site	SR7

IEEE802.11n 20MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.765	--	Pass
6	2437	17.816	--	Pass
11	2462	17.743	--	Pass

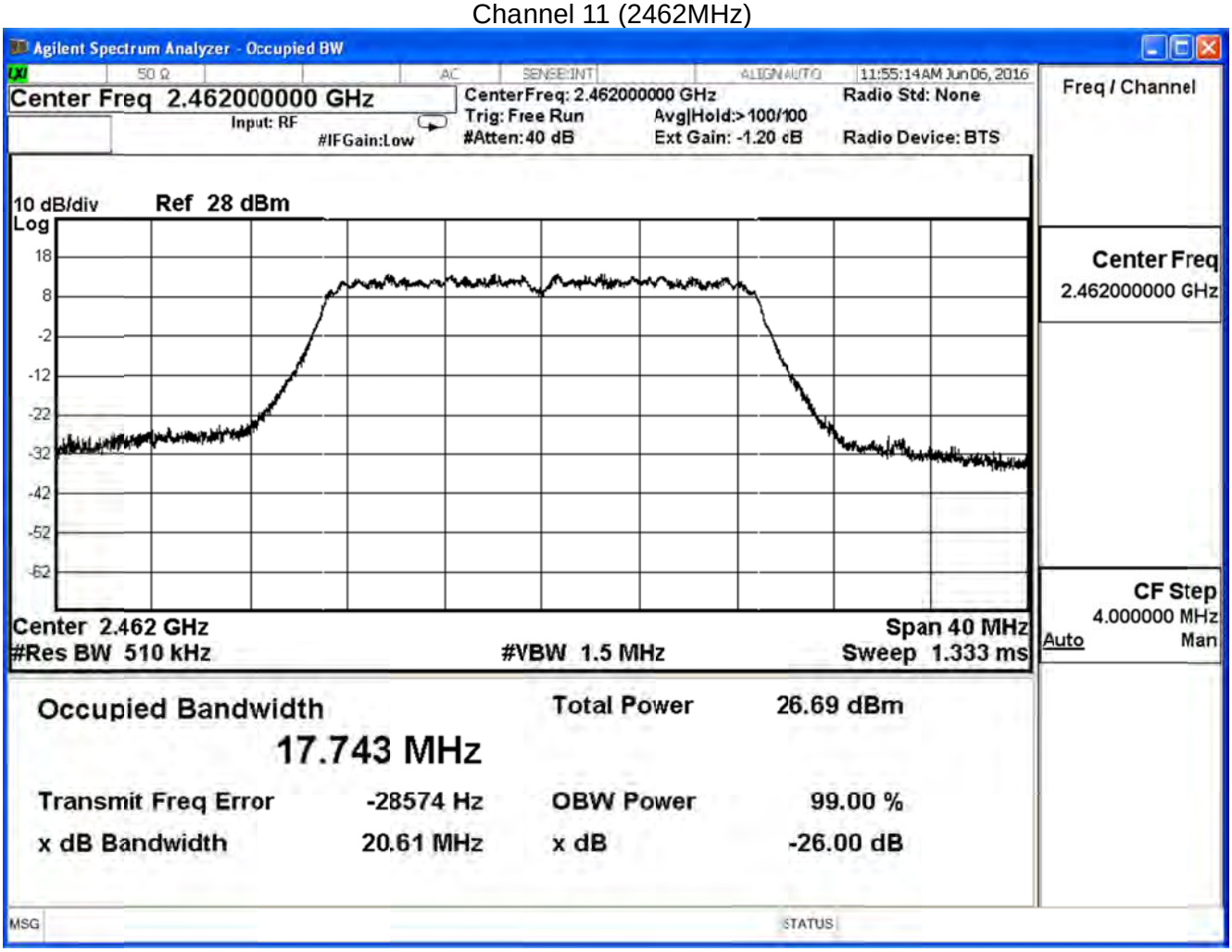
Channel 1 (2412MHz)



Channel 6 (2437MHz)



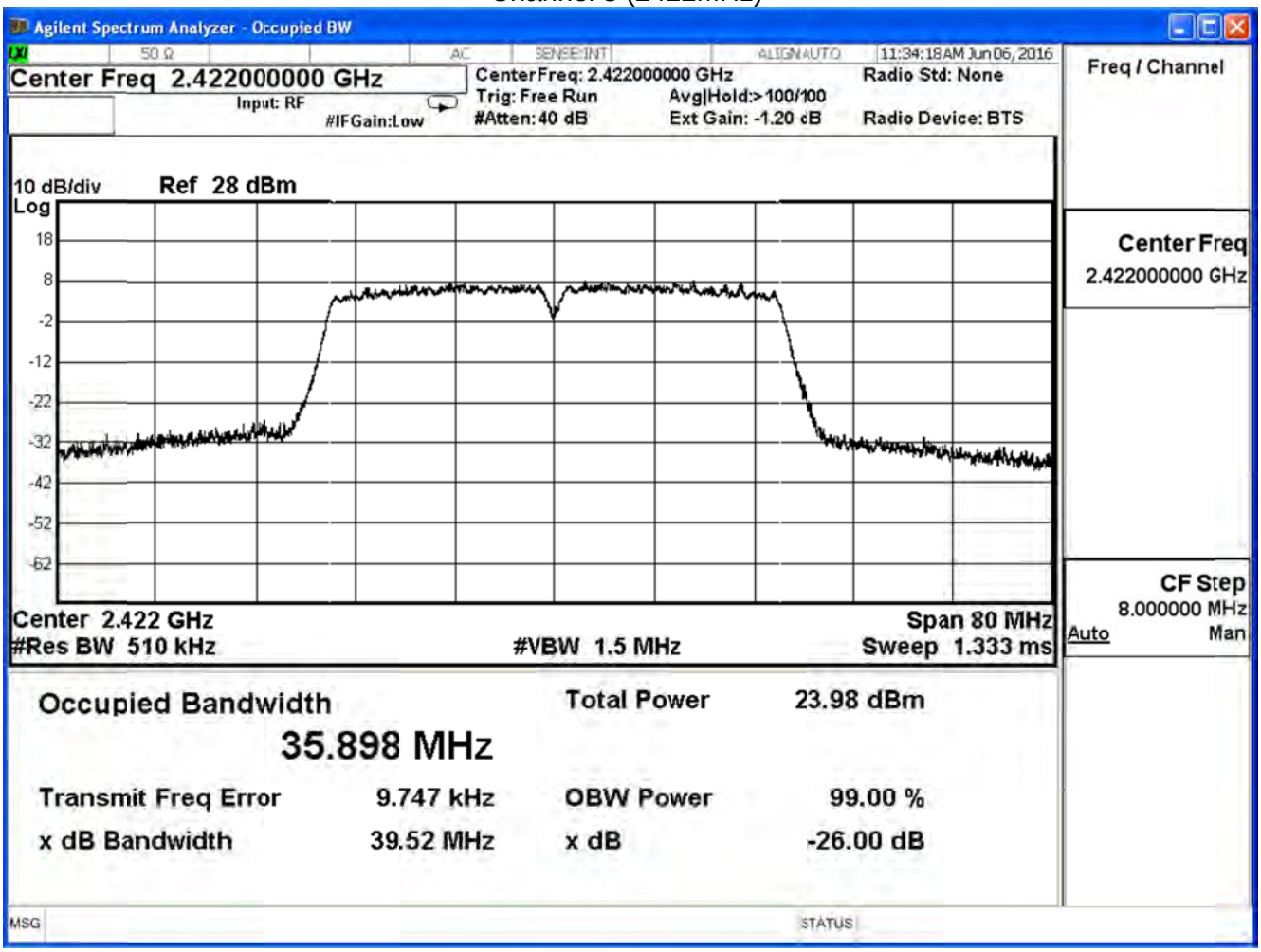
Channel 11 (2462MHz)



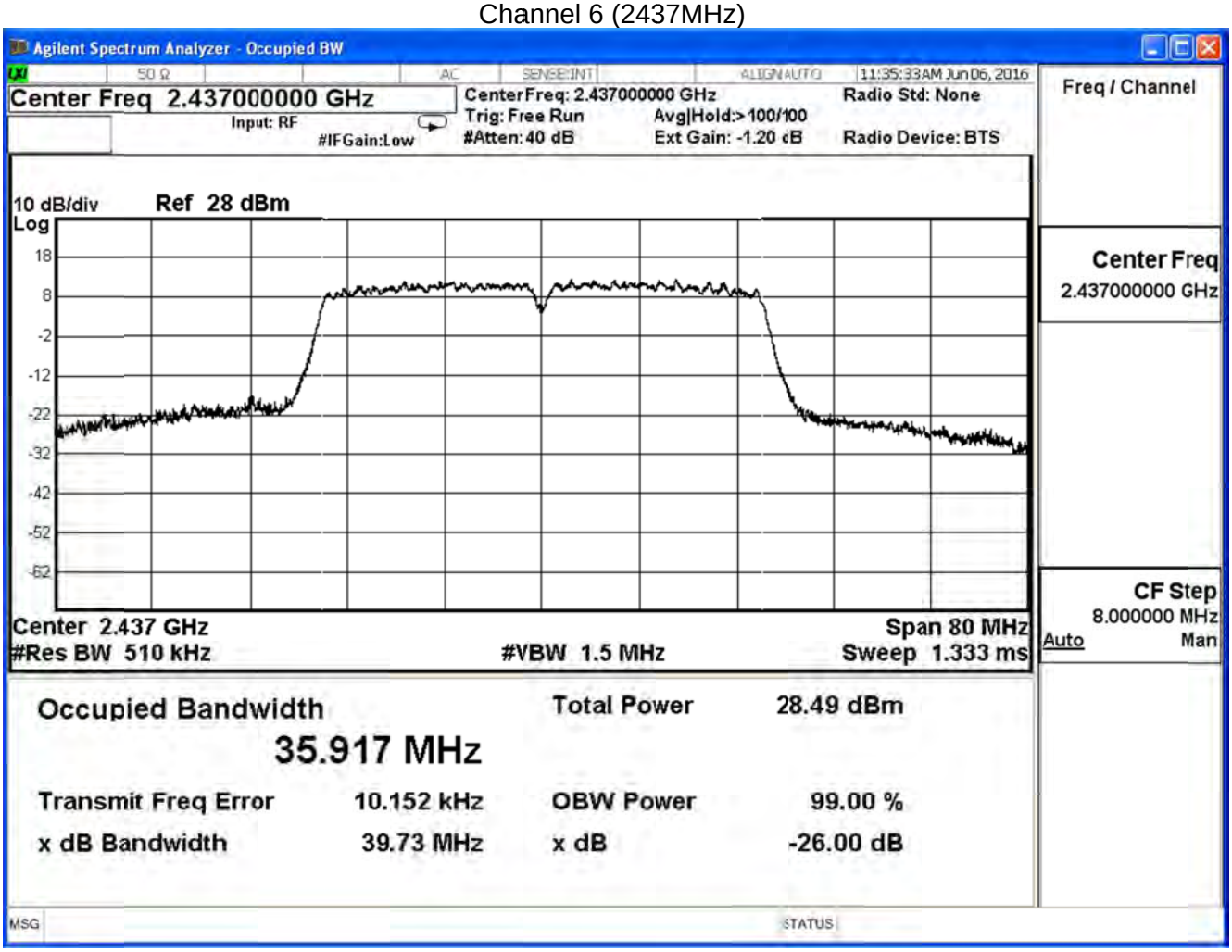
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/09	Test Site	SR7

IEEE802.11n 40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.898	--	Pass
6	2437	35.917	--	Pass
9	2452	35.904	--	Pass

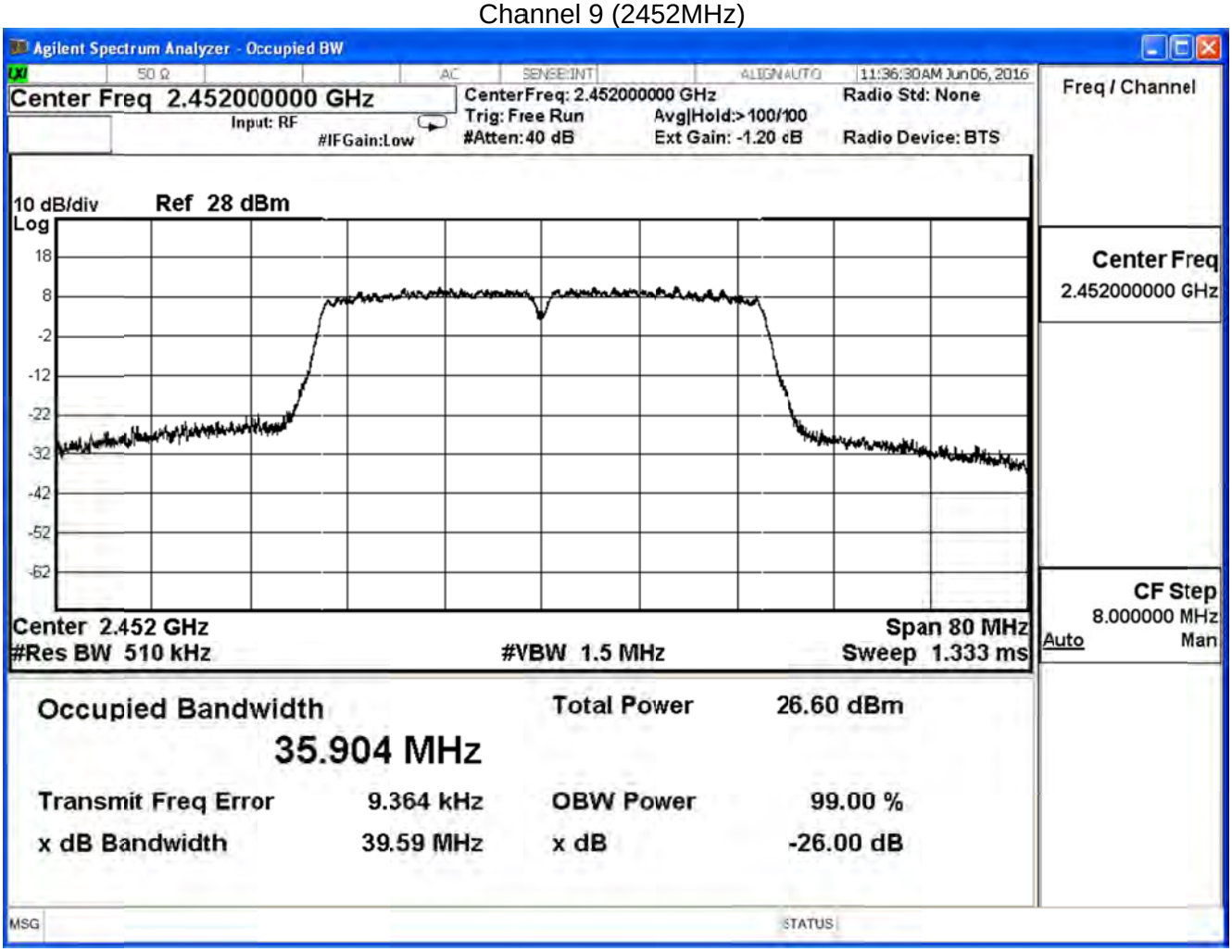
Channel 3 (2422MHz)



Channel 6 (2437MHz)



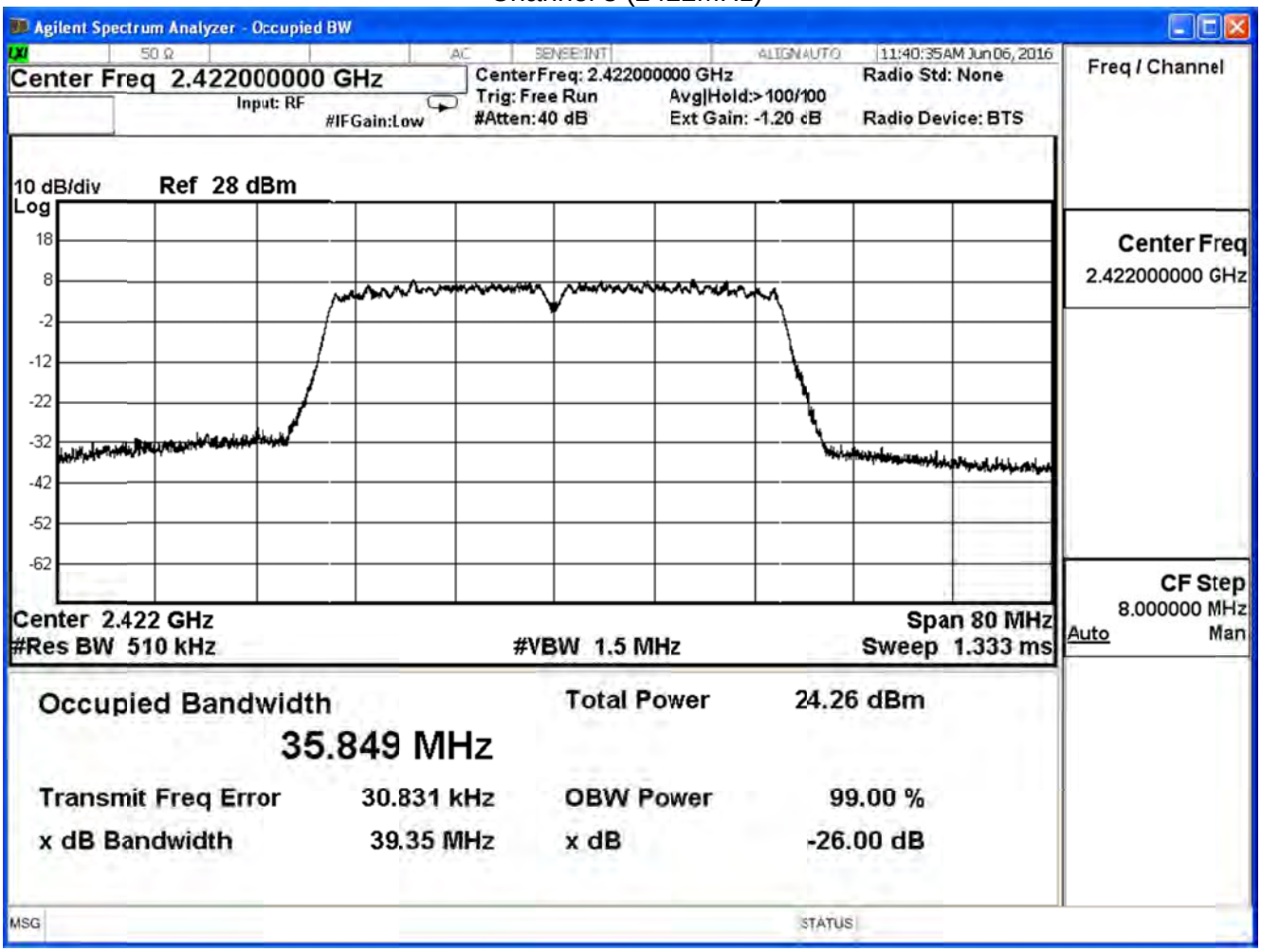
Channel 9 (2452MHz)



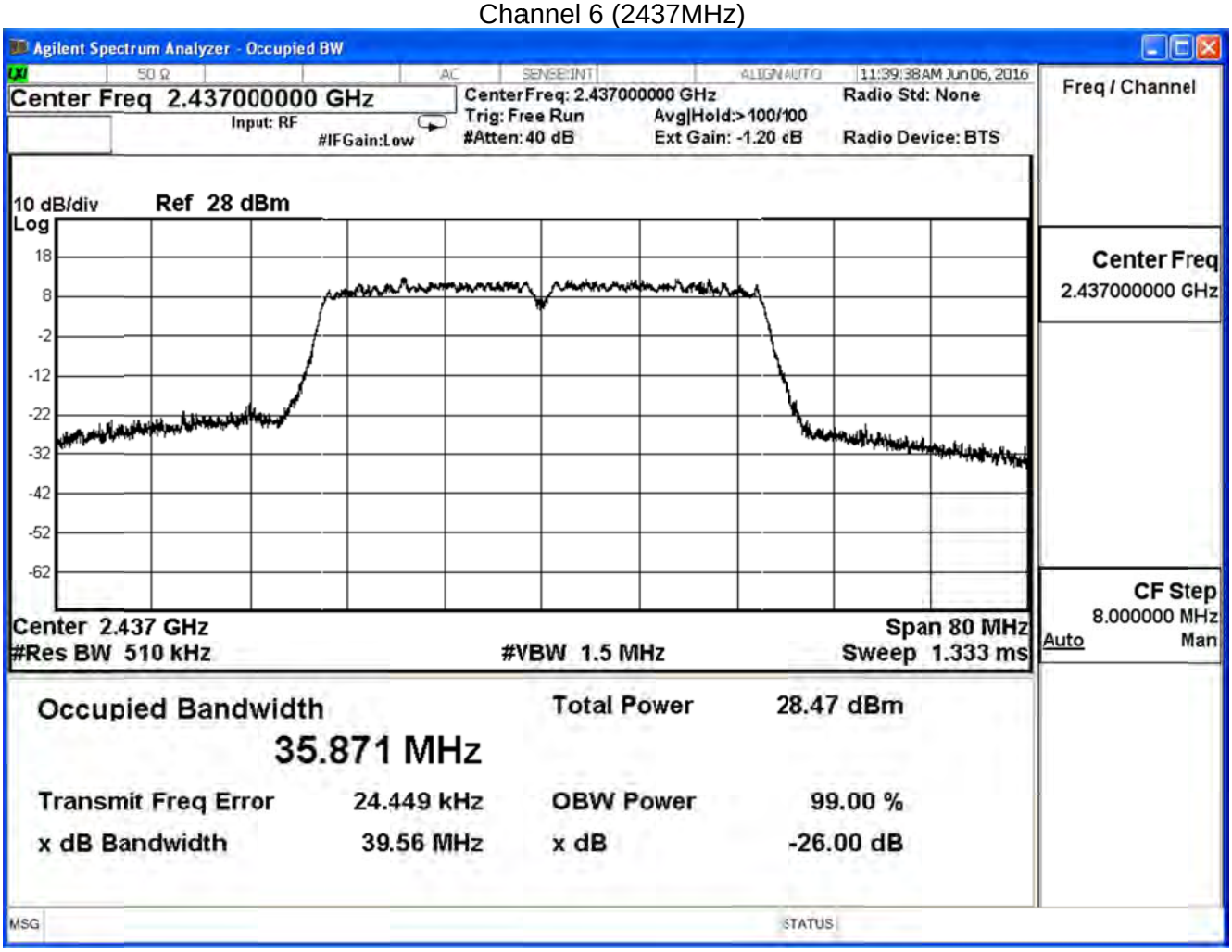
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/09	Test Site	SR7

IEEE802.11n 40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.849	--	Pass
6	2437	35.871	--	Pass
9	2452	35.862	--	Pass

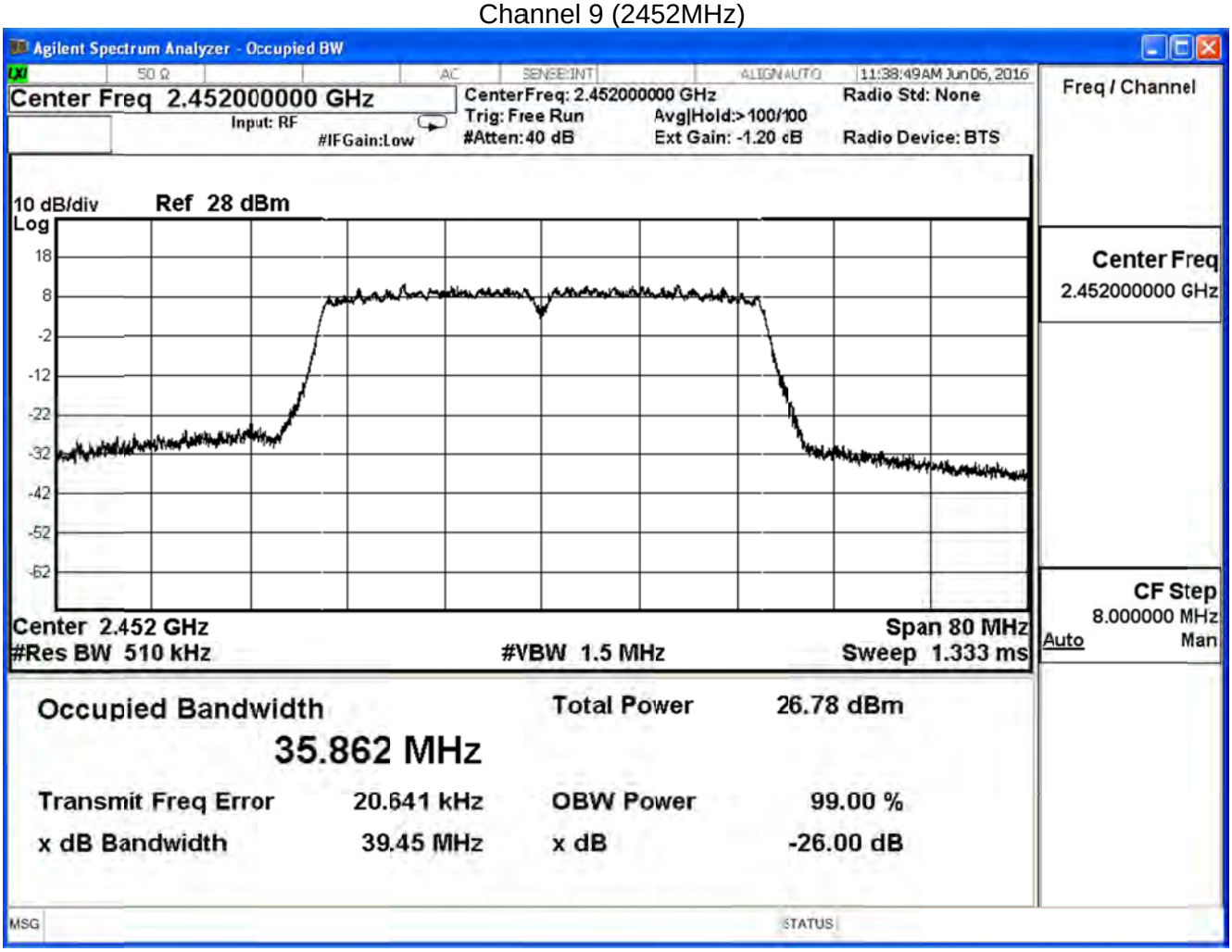
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)



9. Power Density

9.1. Test Equipment

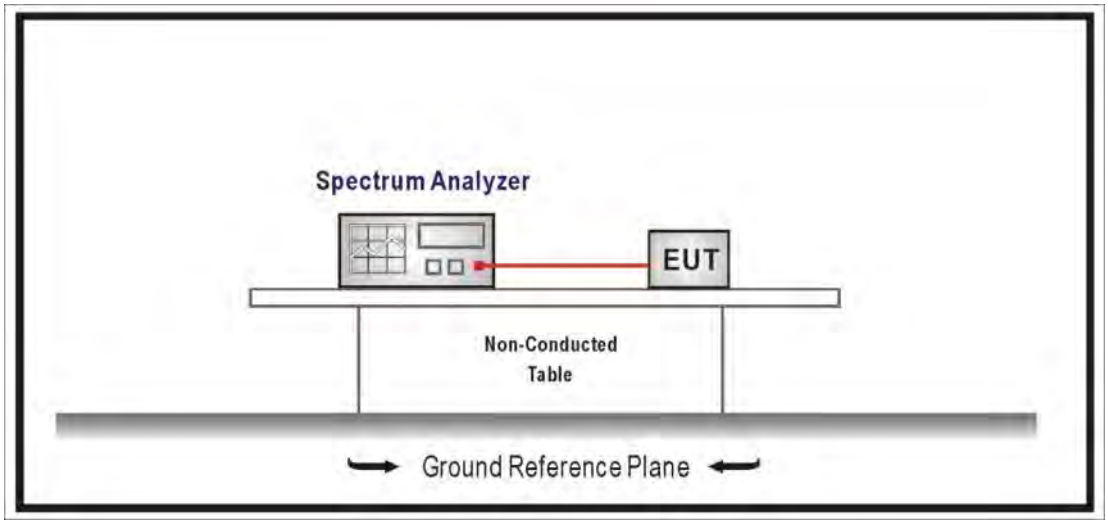
The following test equipment is used during the test:

Power Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2016/08/23

Note: All equipment 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: 2013; tested according to DTS test procedure section 10.2 of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements.
Set 3KHz ≦RBW≦100 kHz, Set VBW≧3xRBW, Sweep time=Auto, Set Peak detector.

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

9.6. Uncertainty

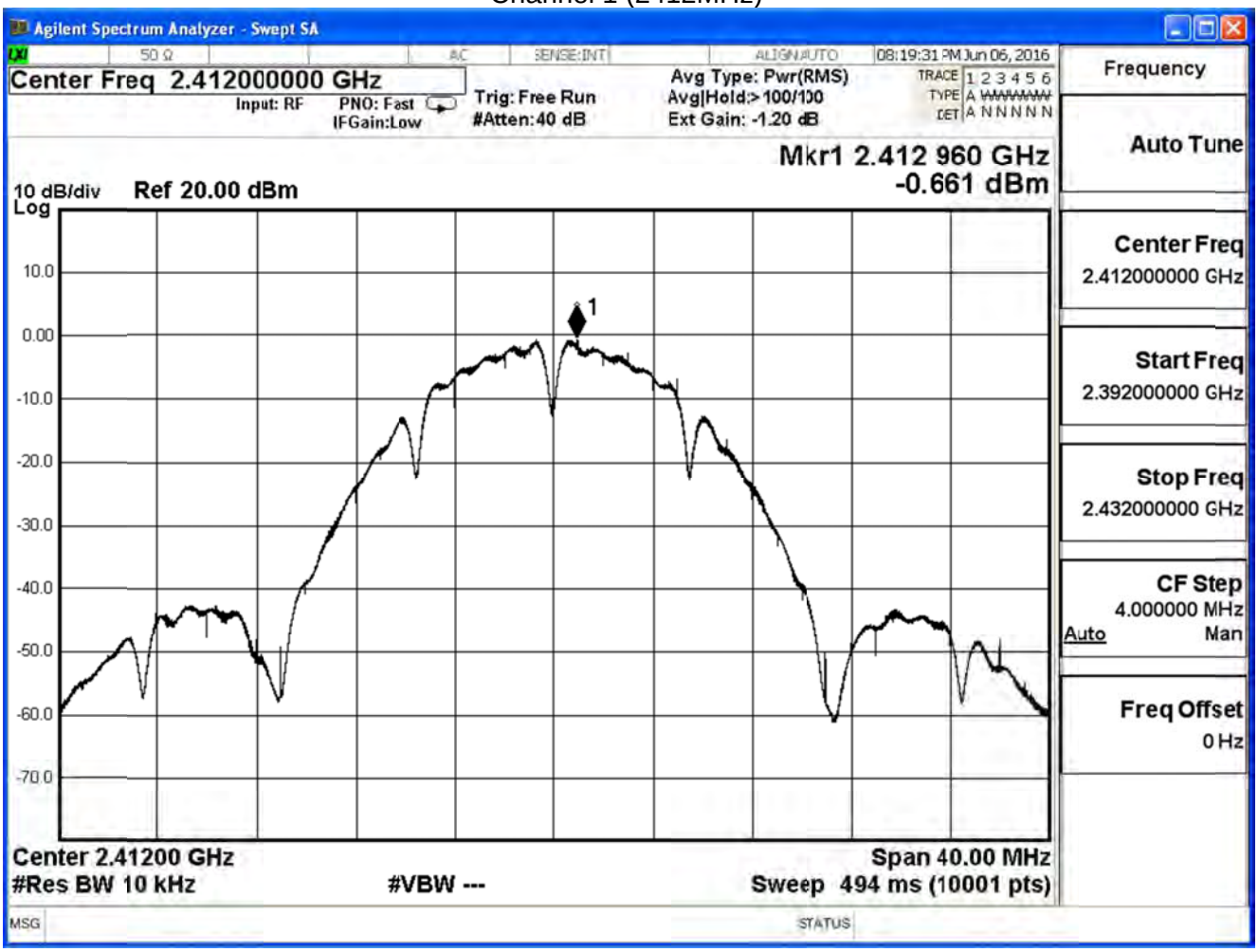
The measurement uncertainty is defined as ±1.27dB.

9.7. Test Result

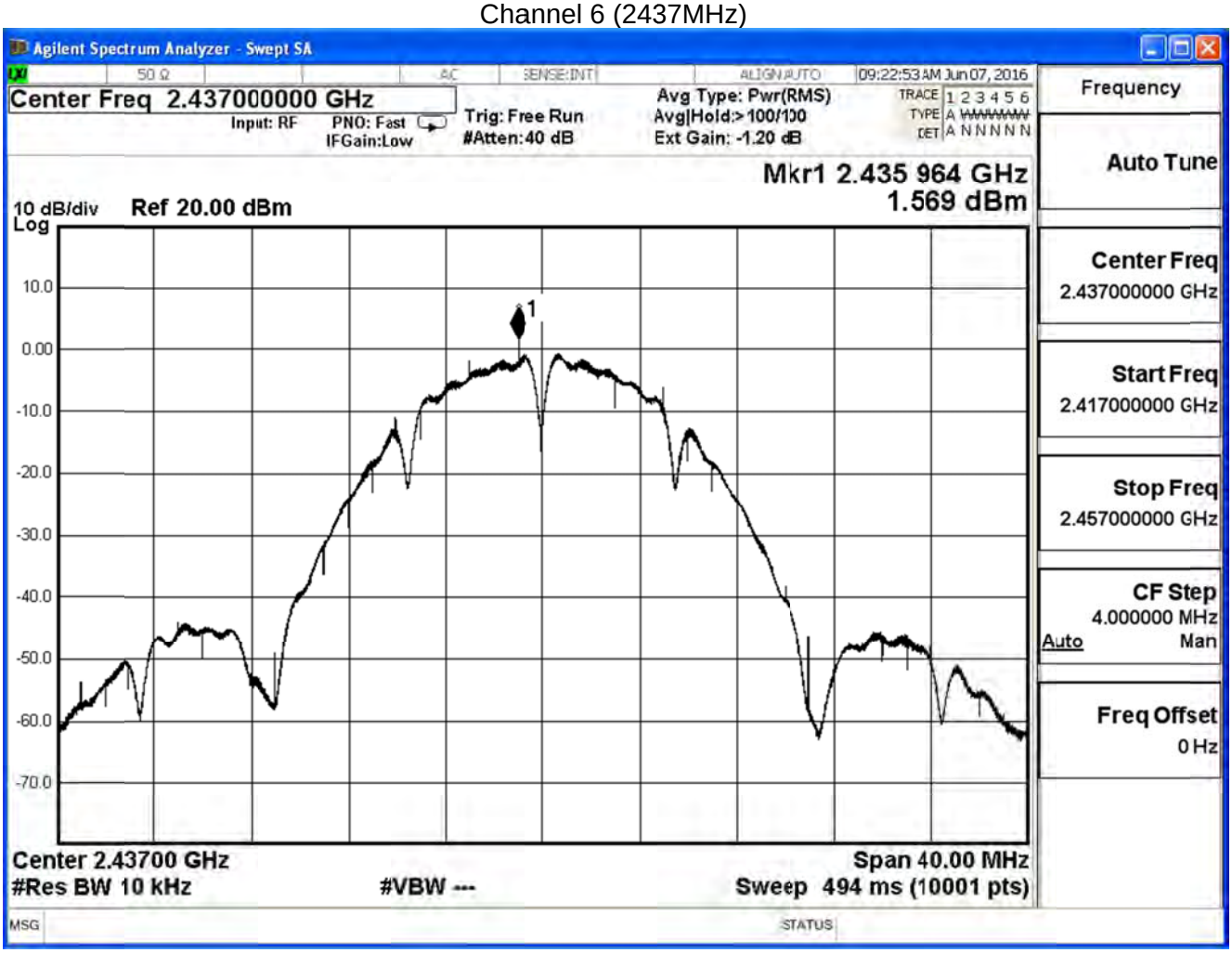
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/06	Test Site	SR7

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-0.661	≦30	Pass
6	2437	1.569	≦30	Pass
11	2462	1.136	≦30	Pass

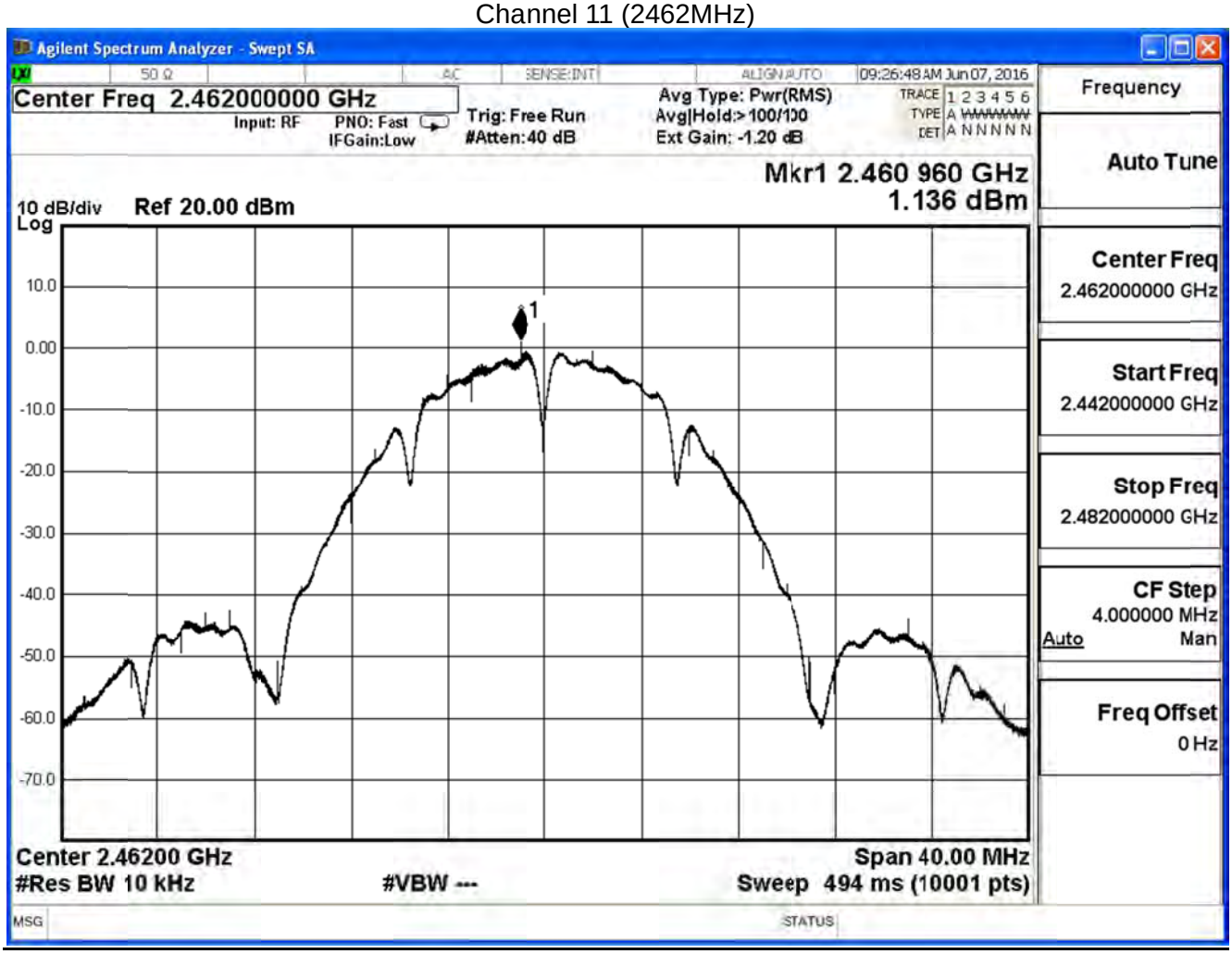
Channel 1 (2412MHz)



Channel 6 (2437MHz)



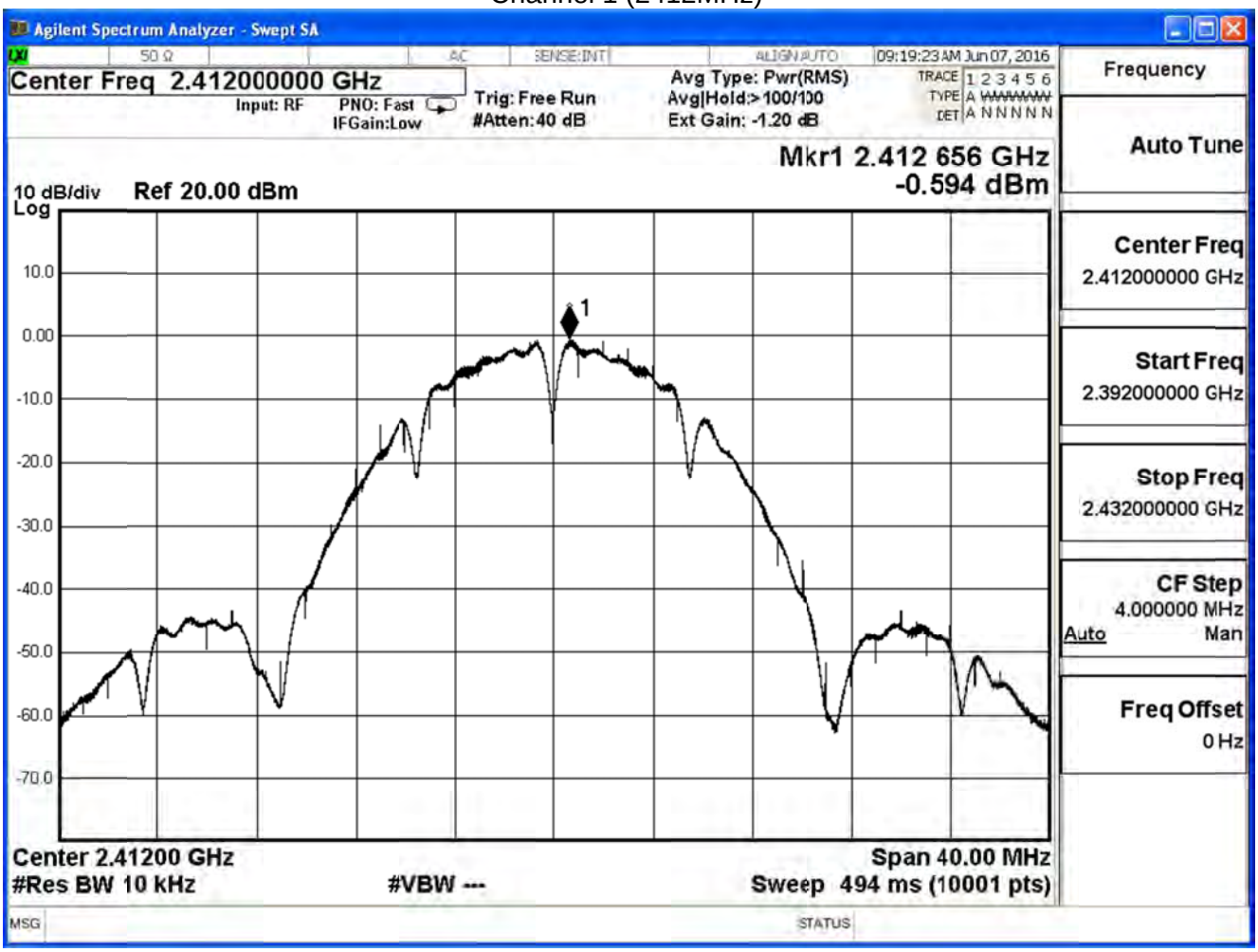
Channel 11 (2462MHz)



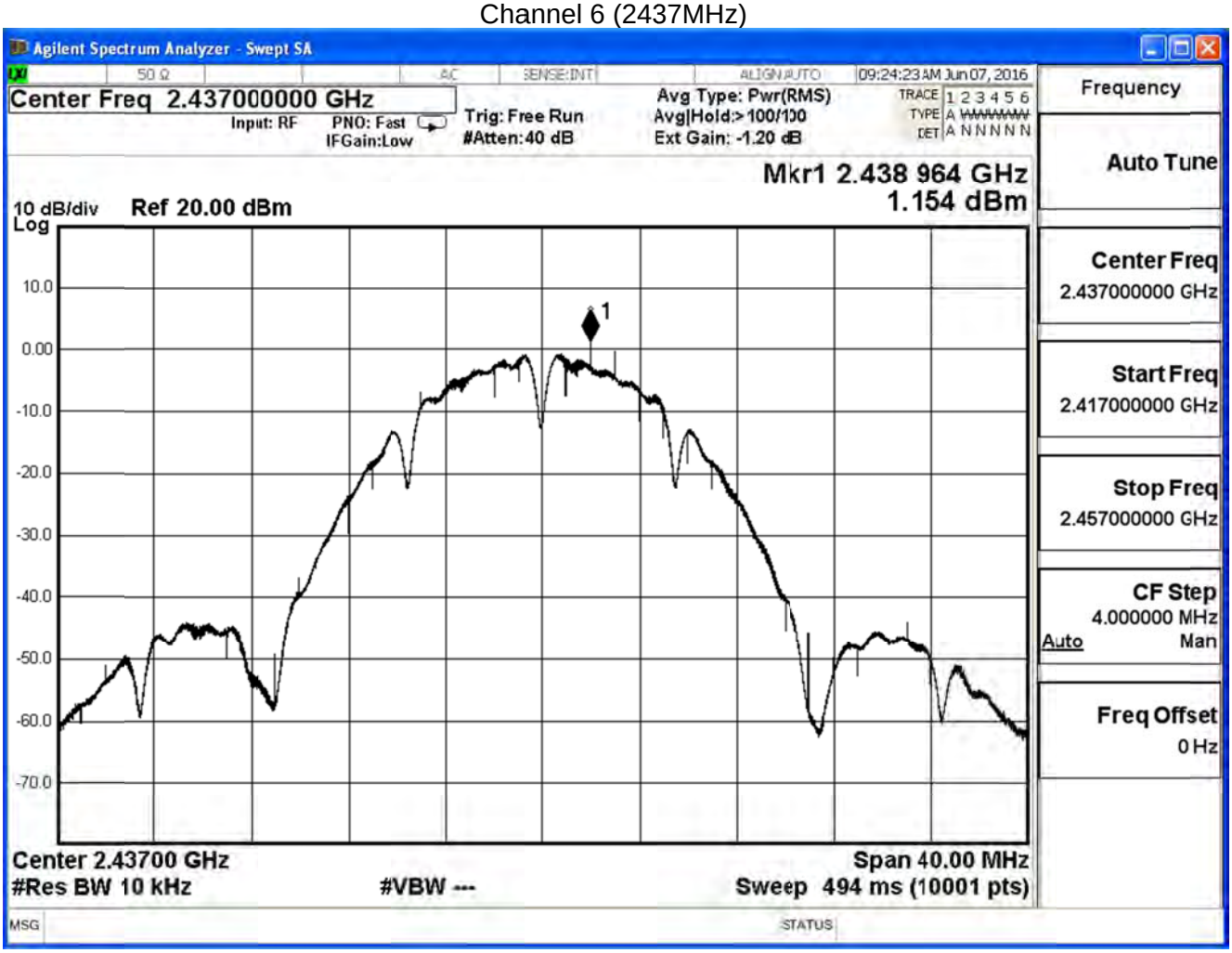
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/06	Test Site	SR7

IEEE 802.11b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-0.594	≦30	Pass
6	2437	1.154	≦30	Pass
11	2462	-0.531	≦30	Pass

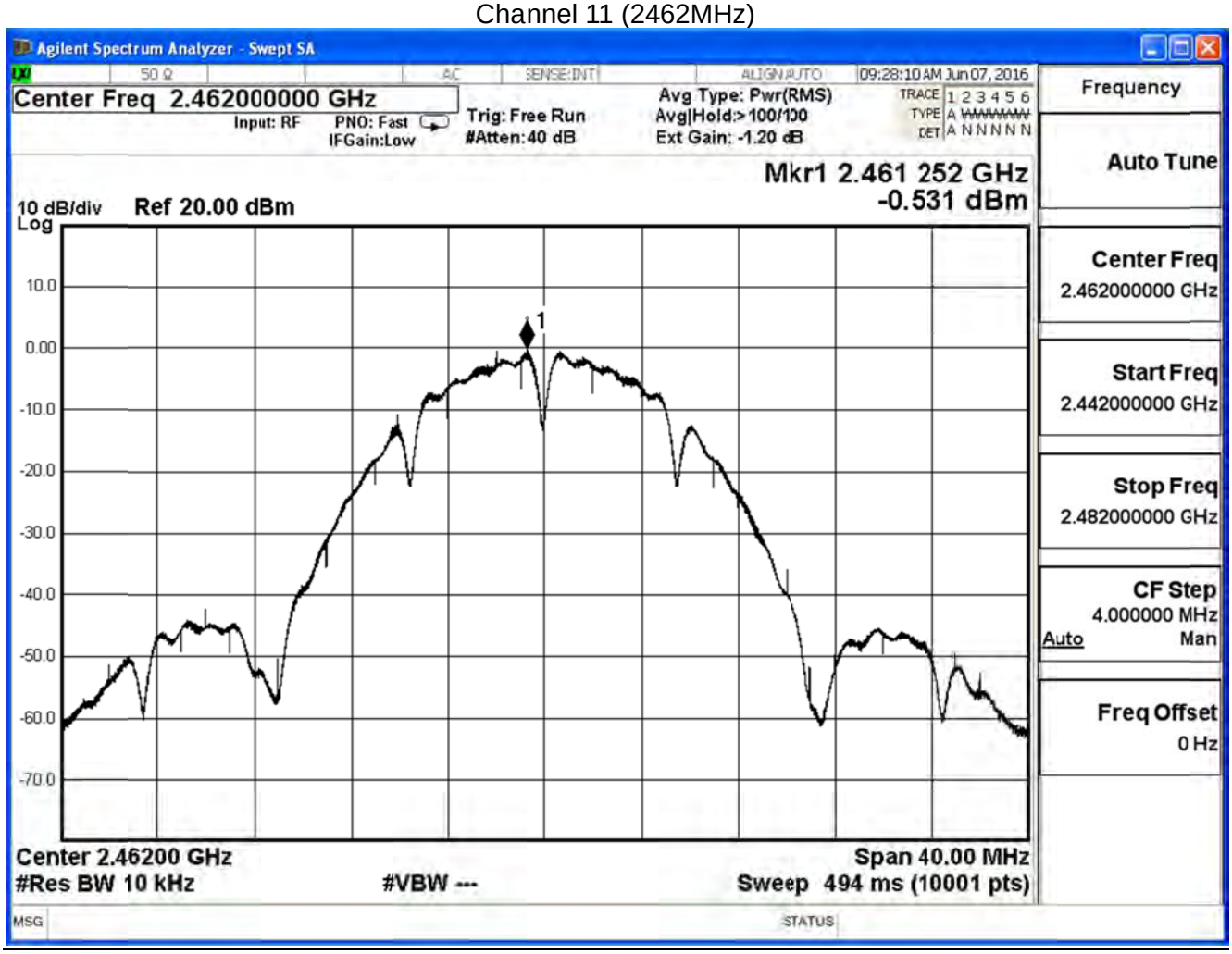
Channel 1 (2412MHz)



Channel 6 (2437MHz)



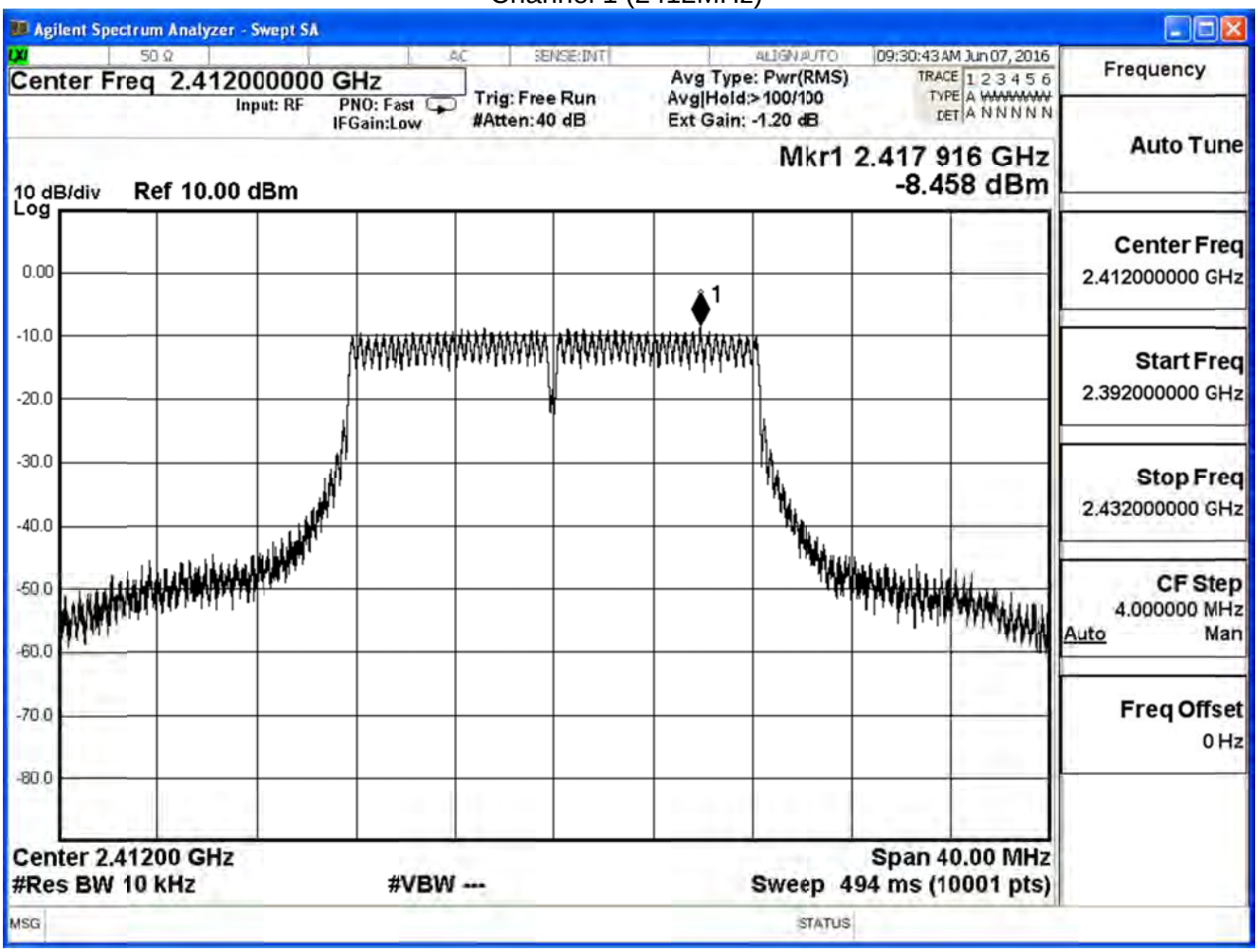
Channel 11 (2462MHz)



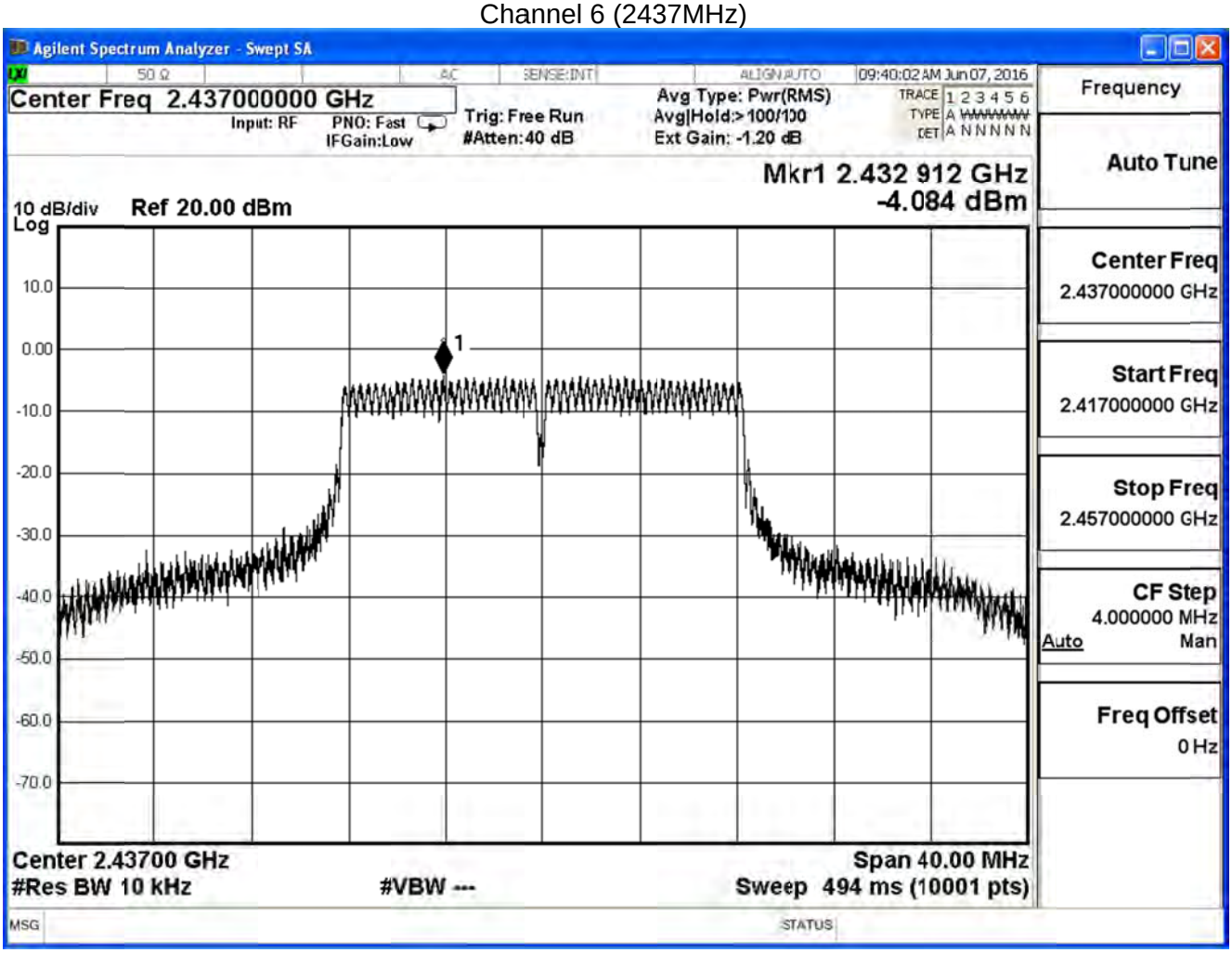
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/06	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.458	≦30	Pass
6	2437	-4.084	≦30	Pass
11	2462	-9.030	≦30	Pass

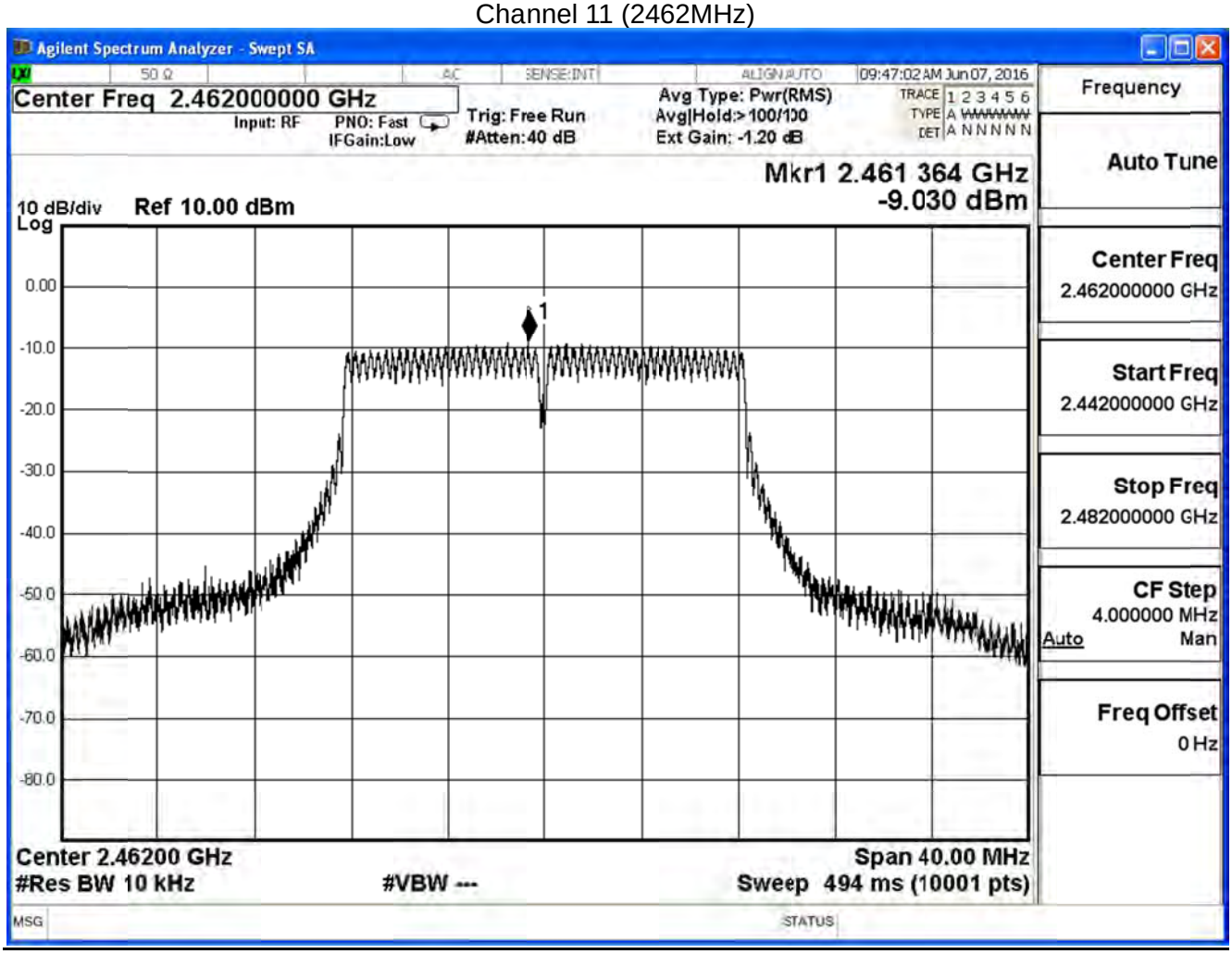
Channel 1 (2412MHz)



Channel 6 (2437MHz)



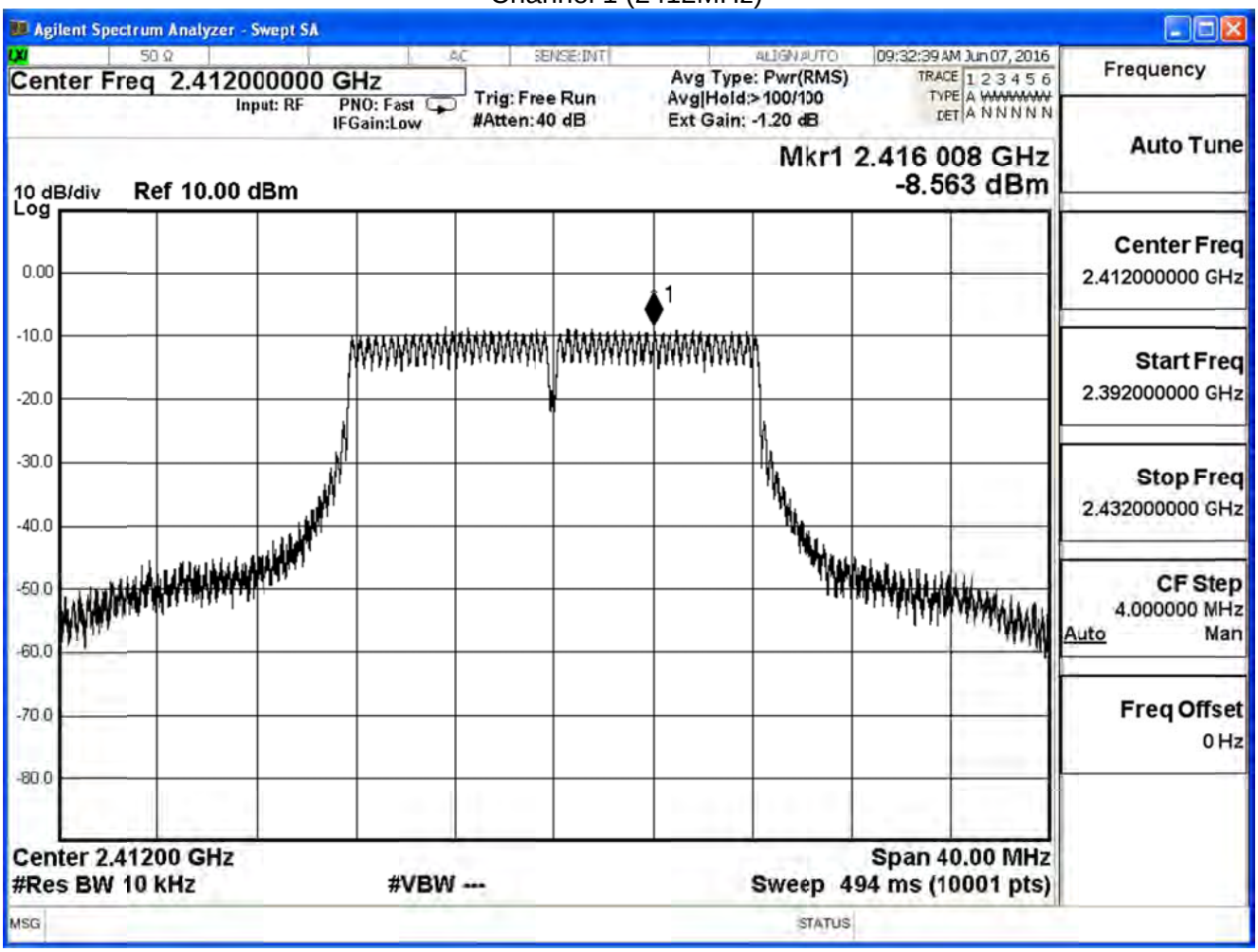
Channel 11 (2462MHz)



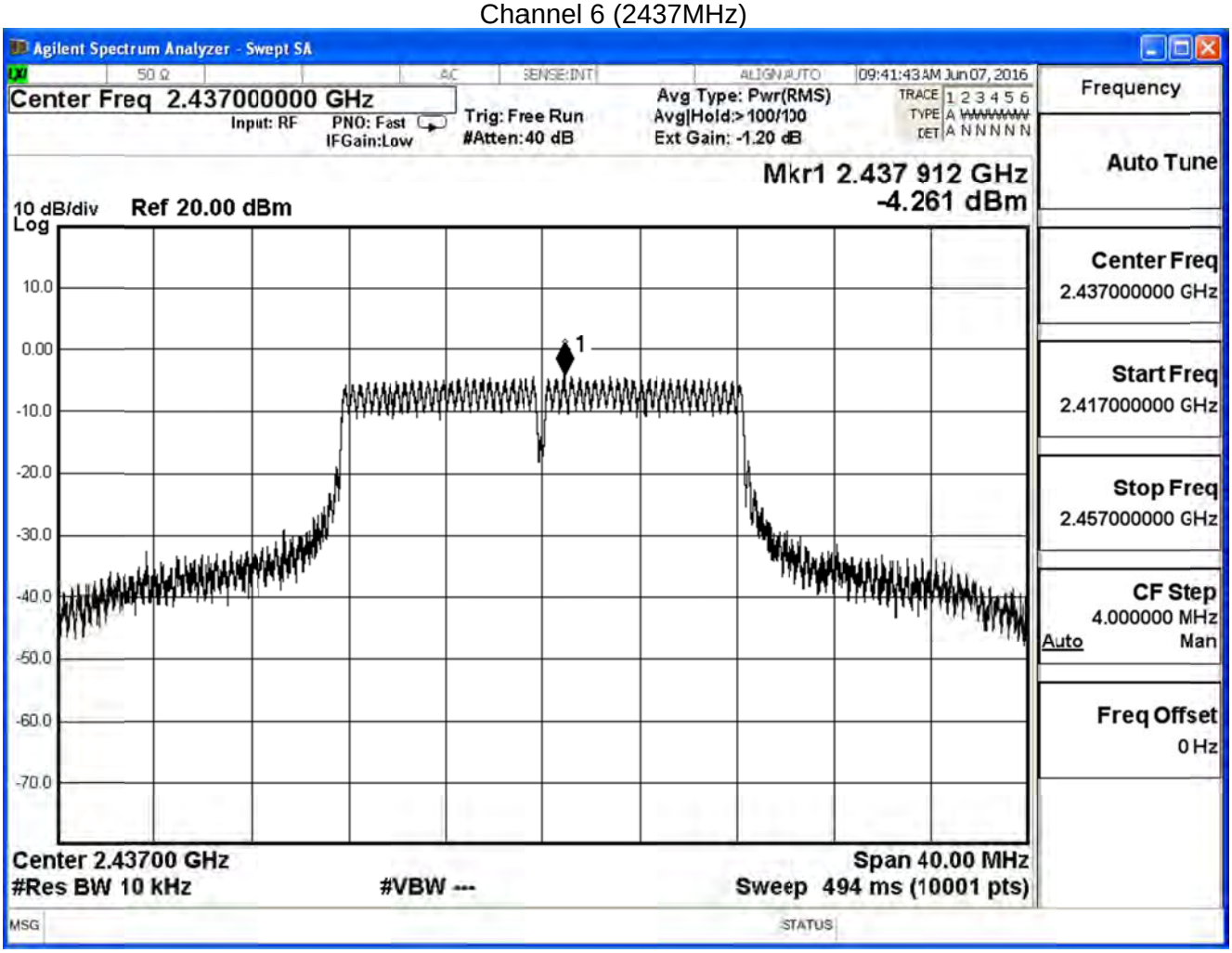
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 1: TX_CDD Mode (11b/g)_ ADP1		
Date of Test	2016/06/06	Test Site	SR7

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.563	≦30	Pass
6	2437	-4.261	≦30	Pass
11	2462	-9.184	≦30	Pass

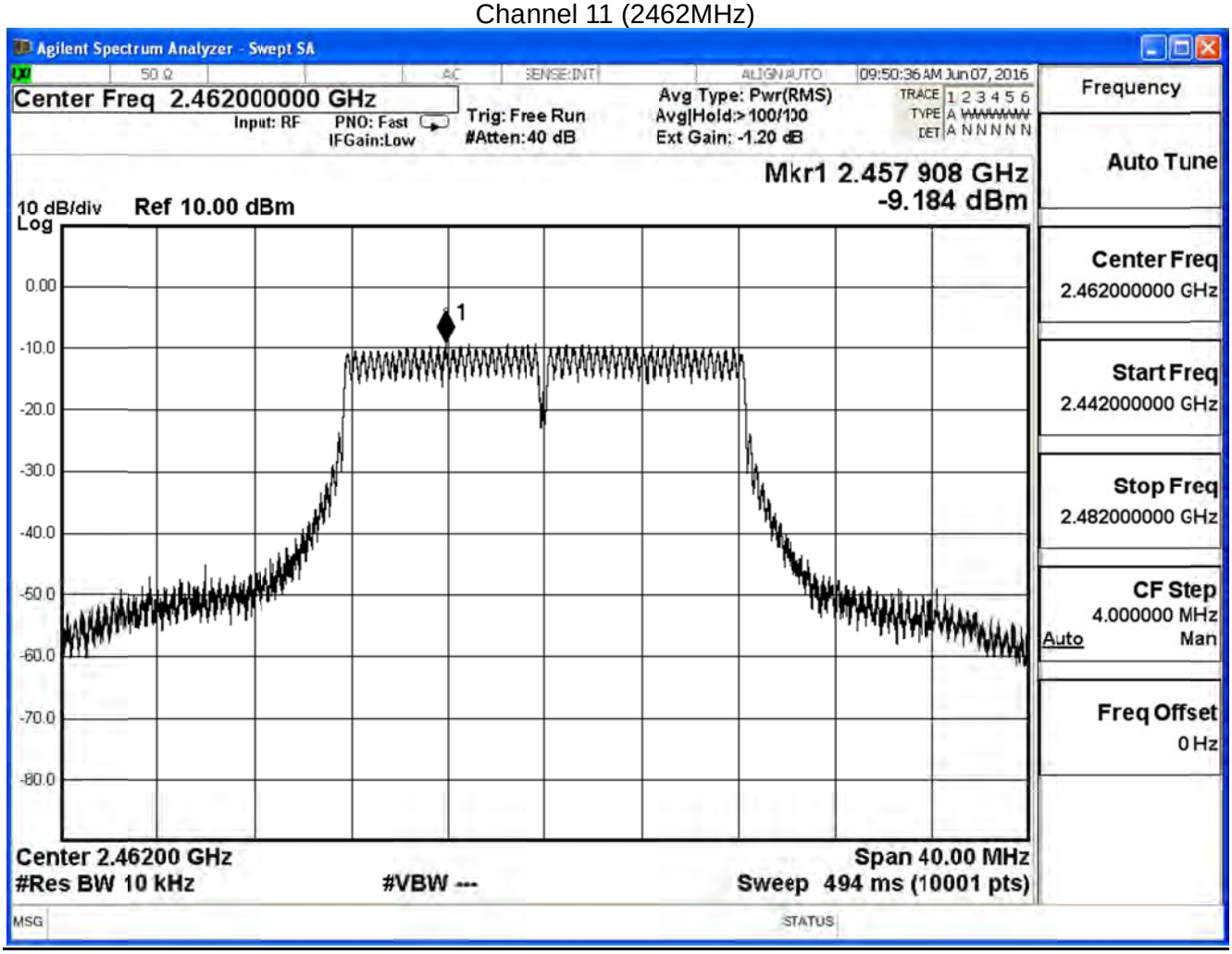
Channel 1 (2412MHz)



Channel 6 (2437MHz)



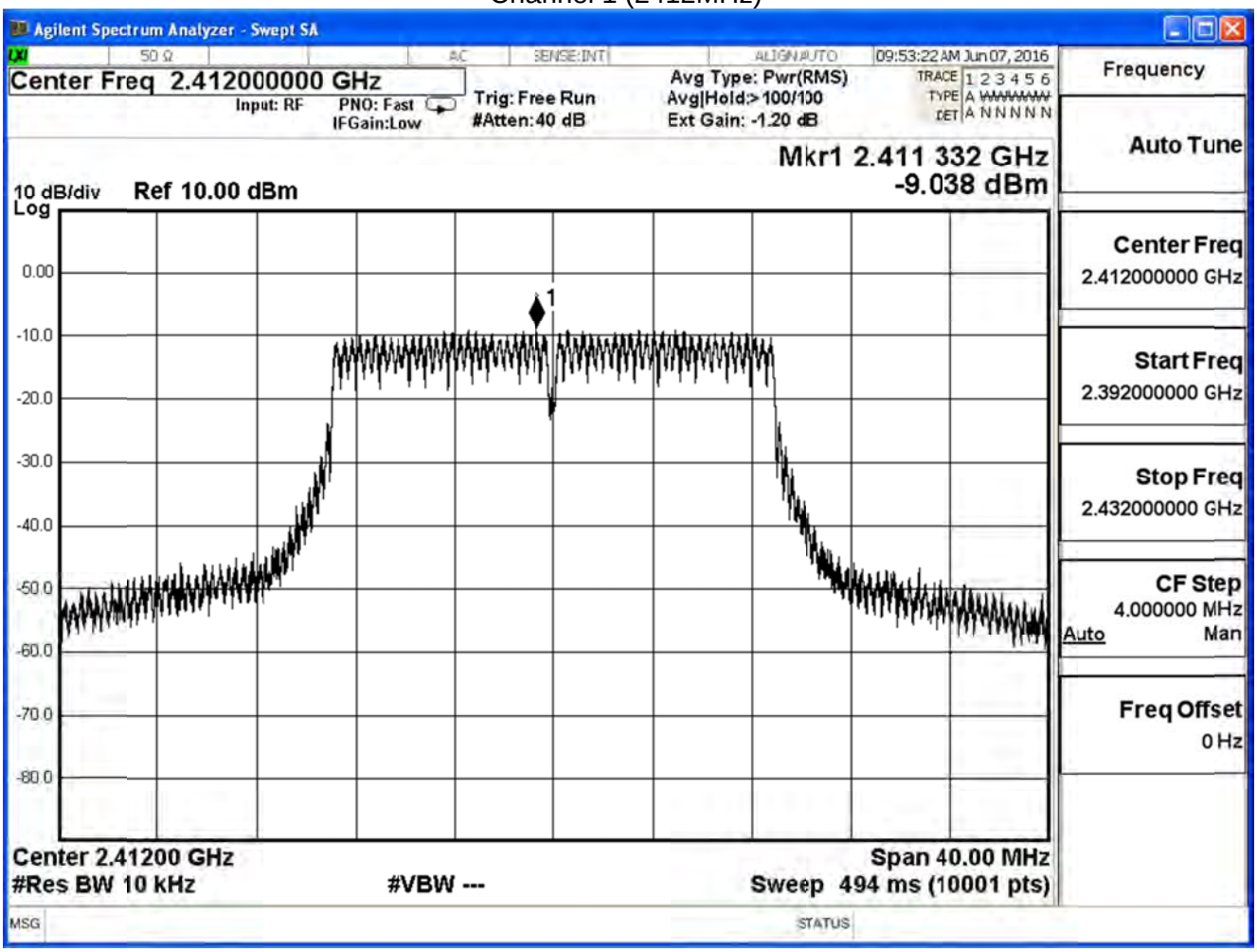
Channel 11 (2462MHz)



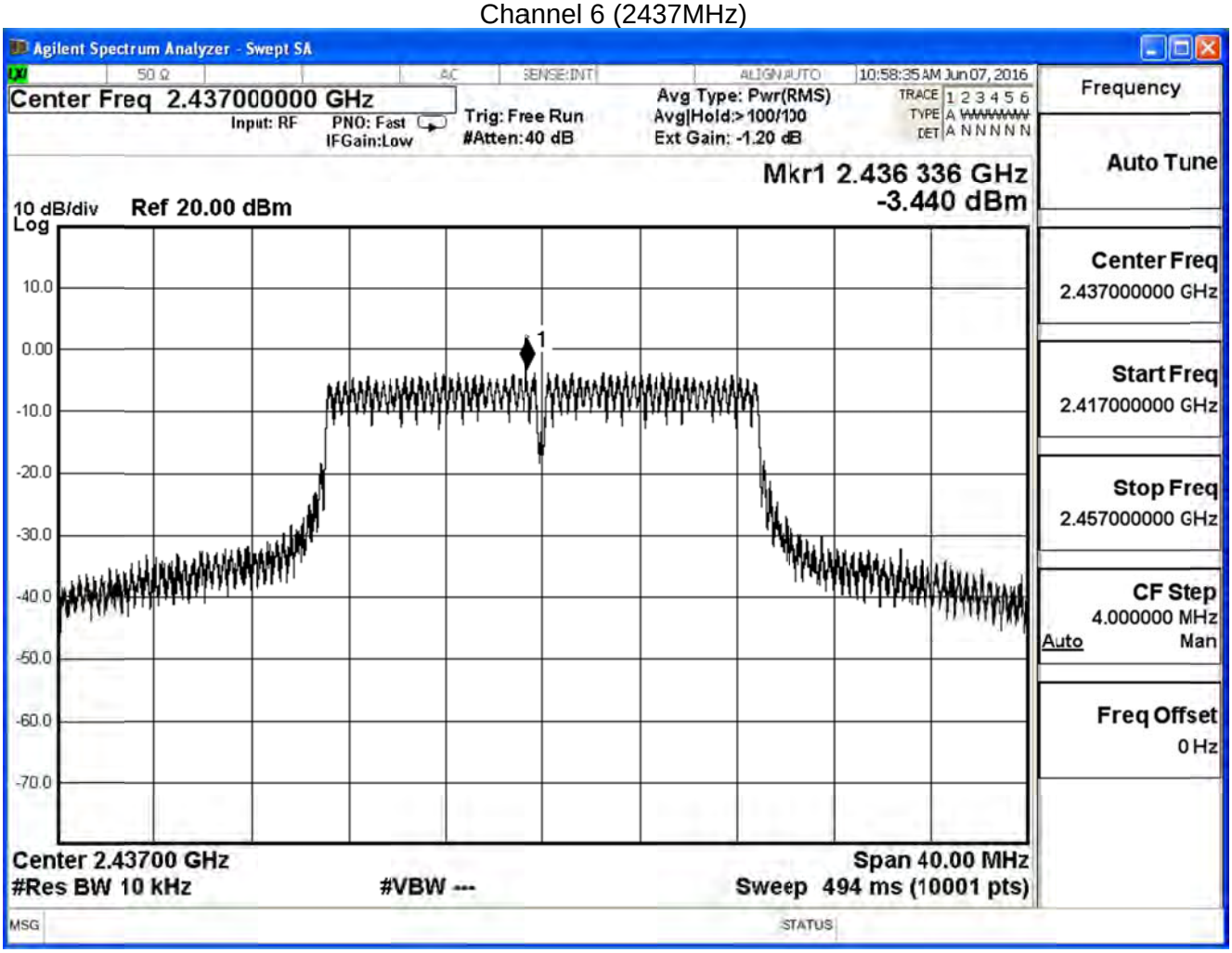
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/06	Test Site	SR7

IEEE802.11n 20MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-9.038	≦30	Pass
6	2437	-3.440	≦30	Pass
11	2462	-9.234	≦30	Pass

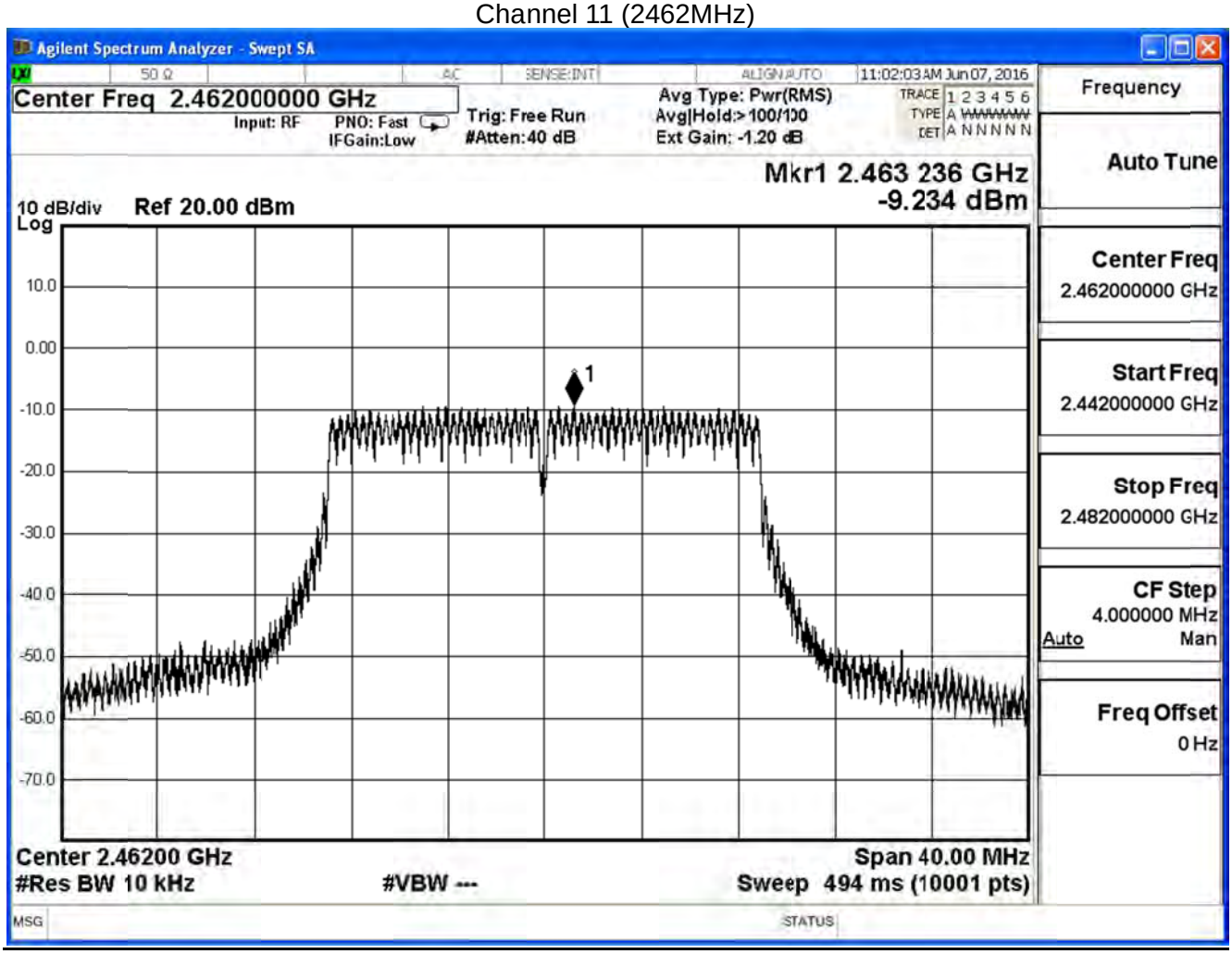
Channel 1 (2412MHz)



Channel 6 (2437MHz)



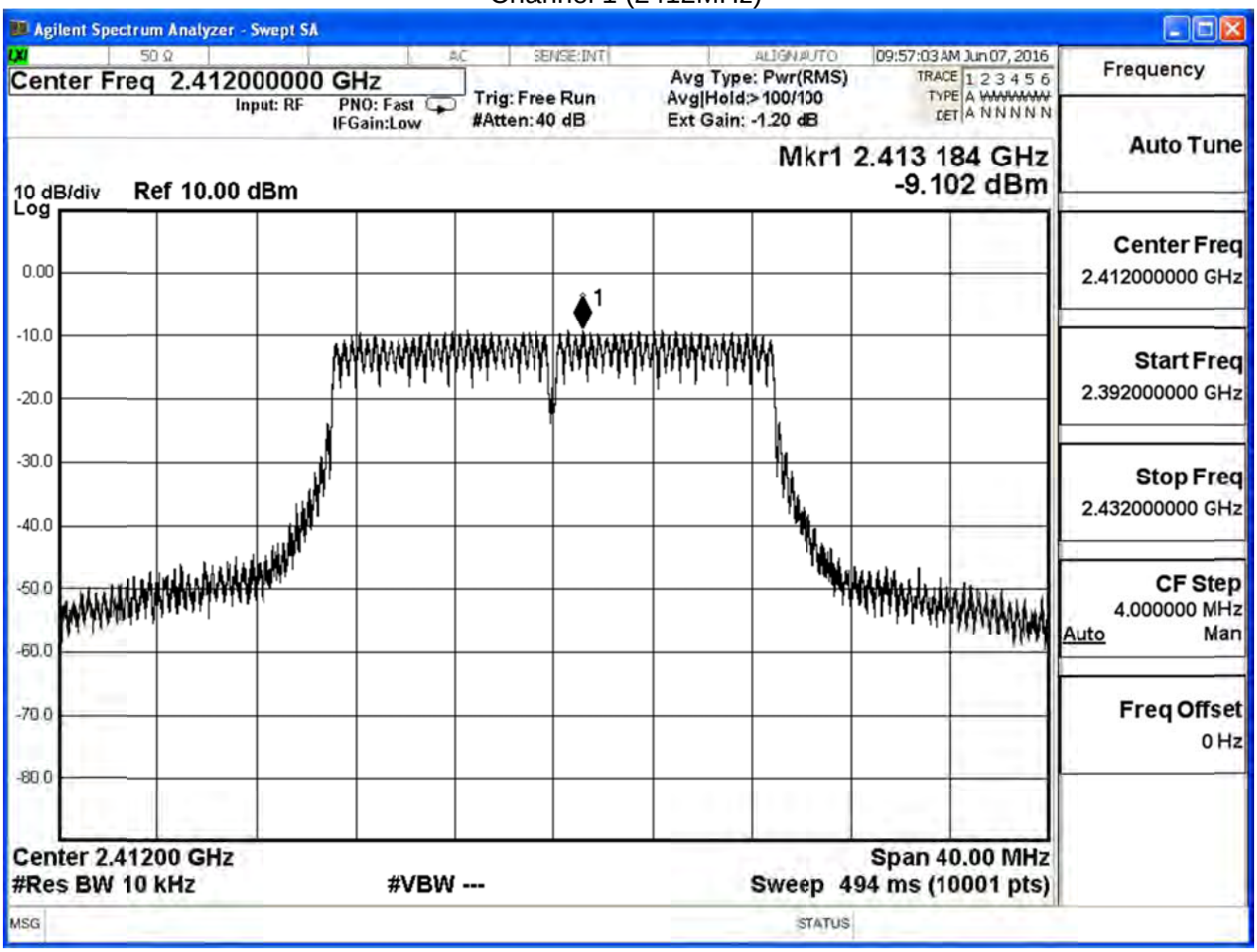
Channel 11 (2462MHz)



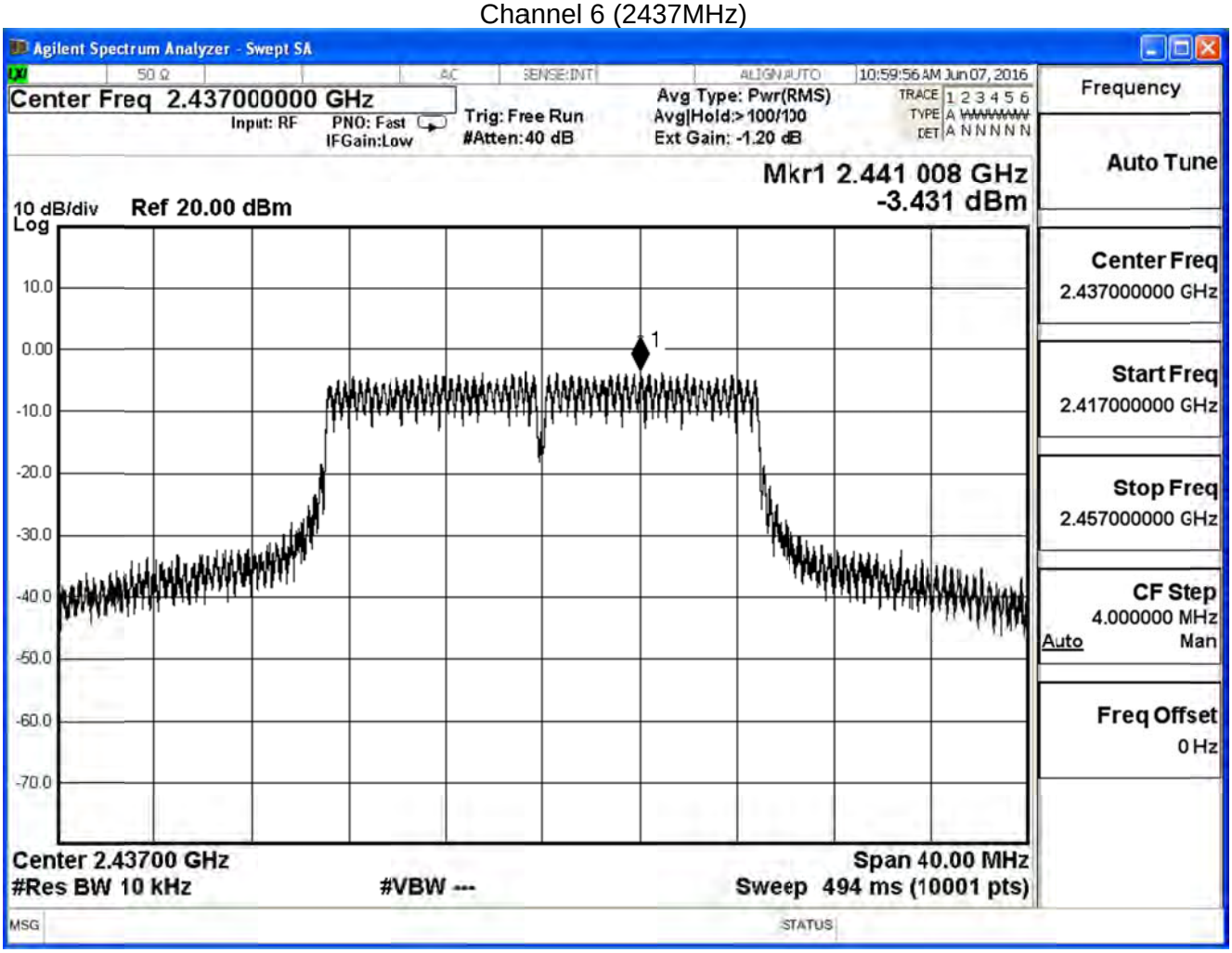
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/06	Test Site	SR7

IEEE802.11n 20MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-9.102	≦30	Pass
6	2437	-3.431	≦30	Pass
11	2462	-9.152	≦30	Pass

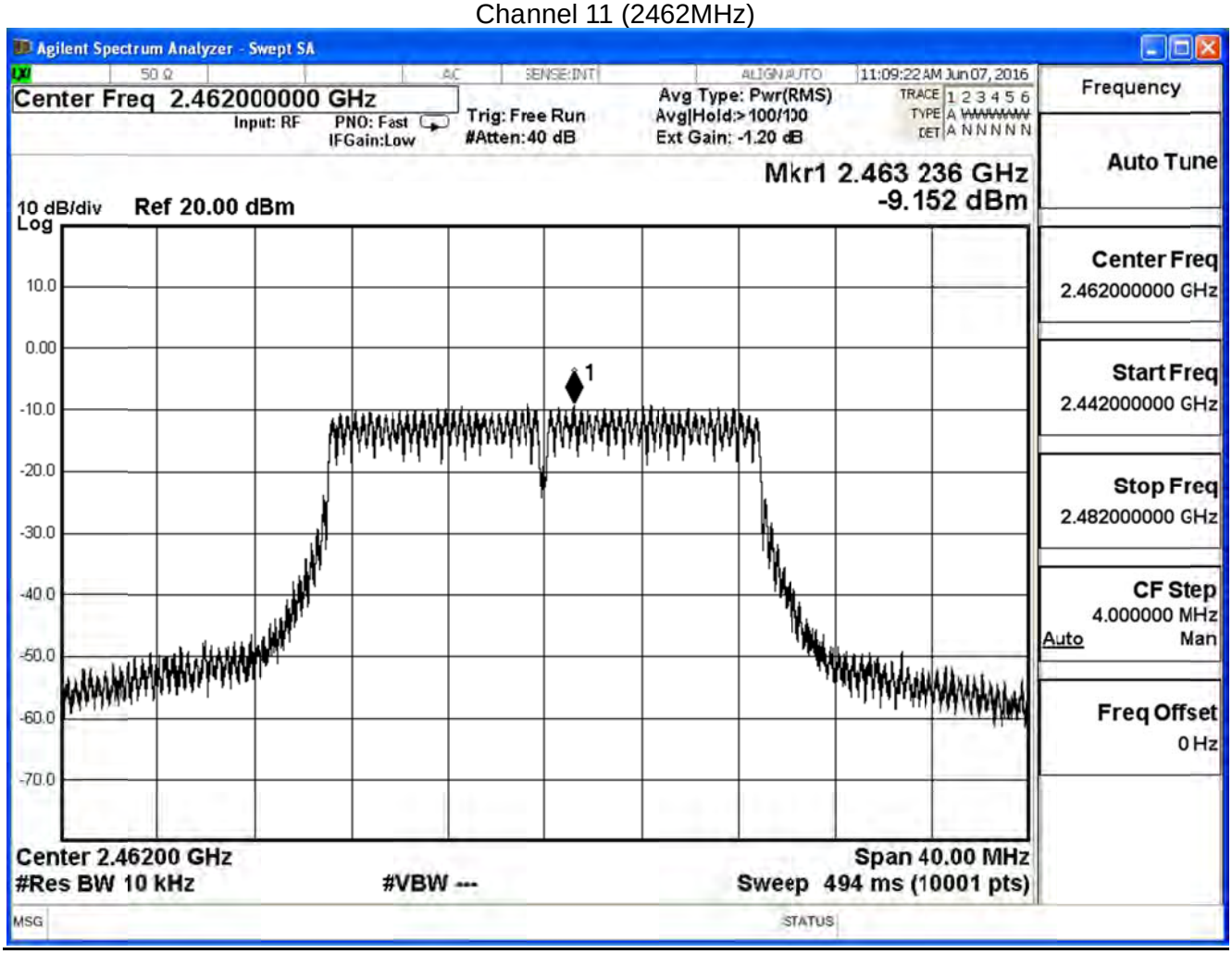
Channel 1 (2412MHz)



Channel 6 (2437MHz)



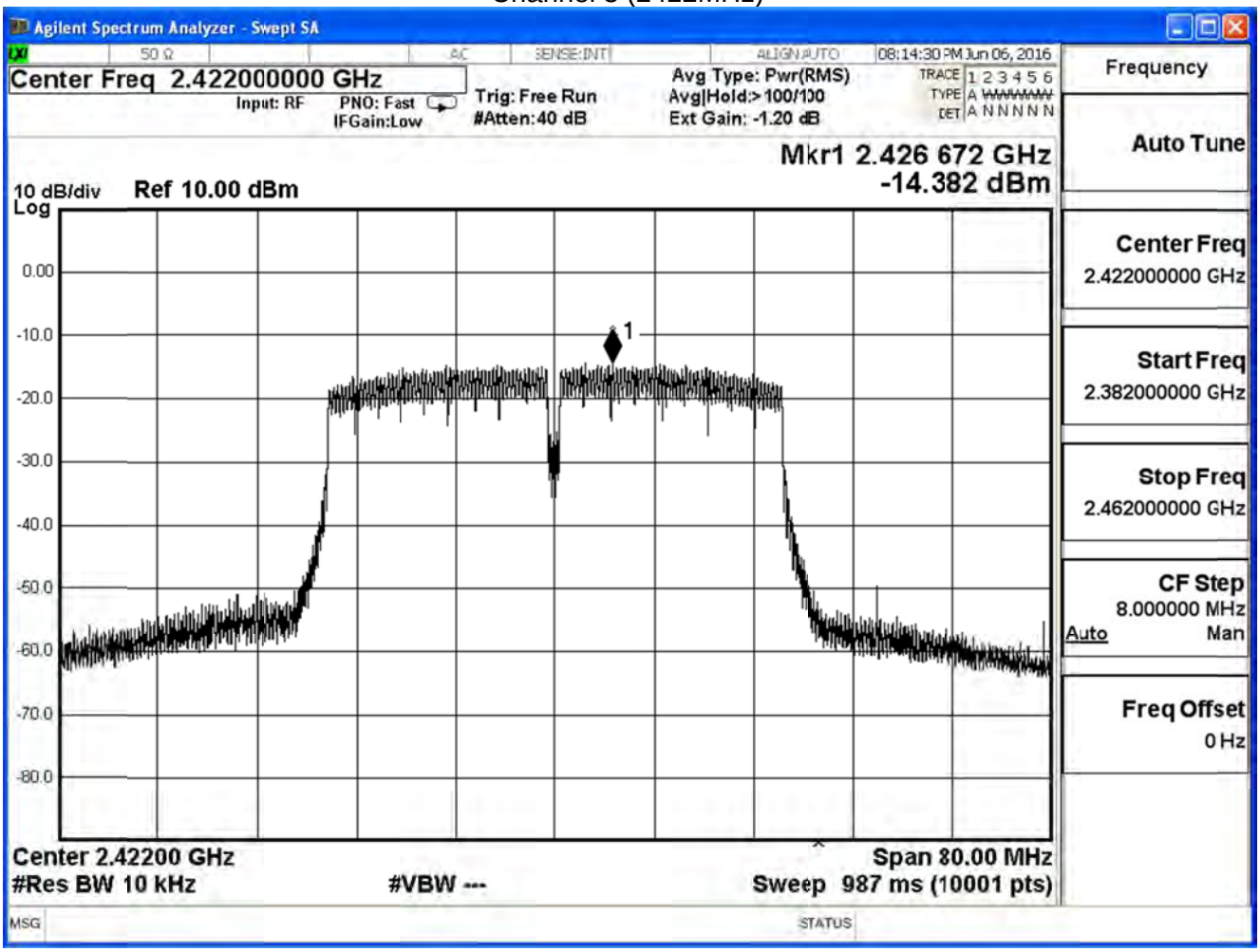
Channel 11 (2462MHz)



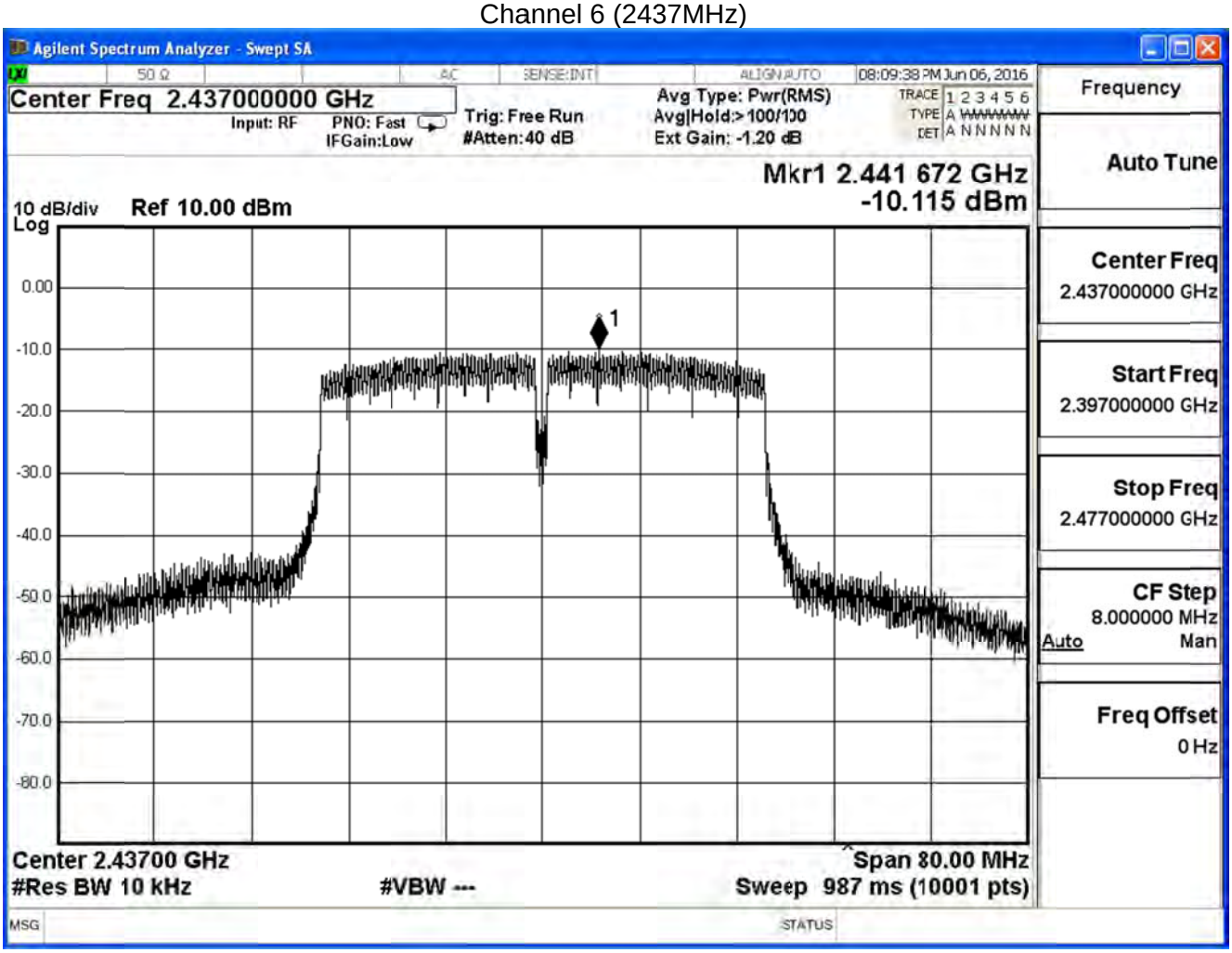
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/06	Test Site	SR7

IEEE802.11n 40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-14.382	≦30	Pass
6	2437	-10.115	≦30	Pass
9	2452	-12.105	≦30	Pass

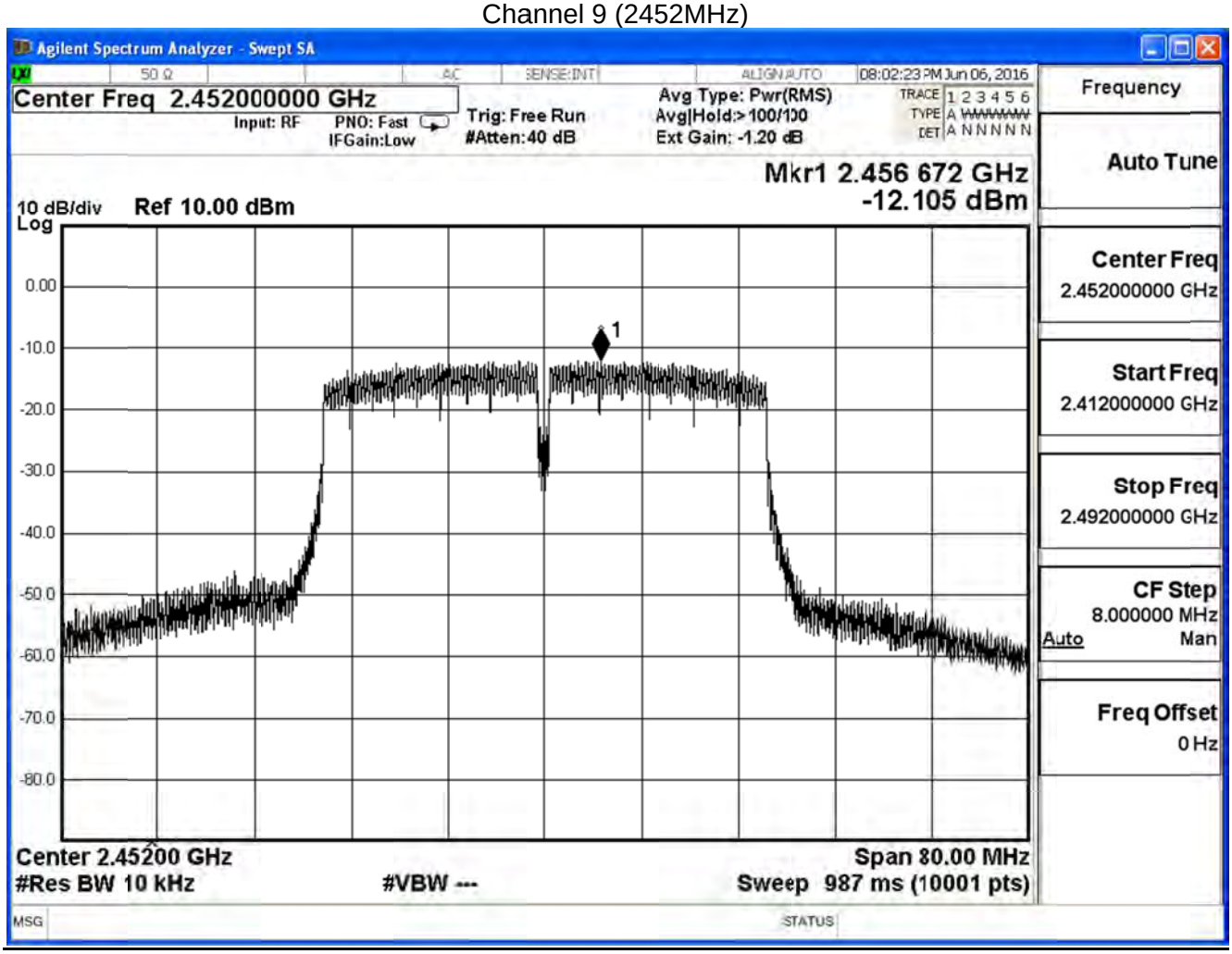
Channel 3 (2422MHz)



Channel 6 (2437MHz)



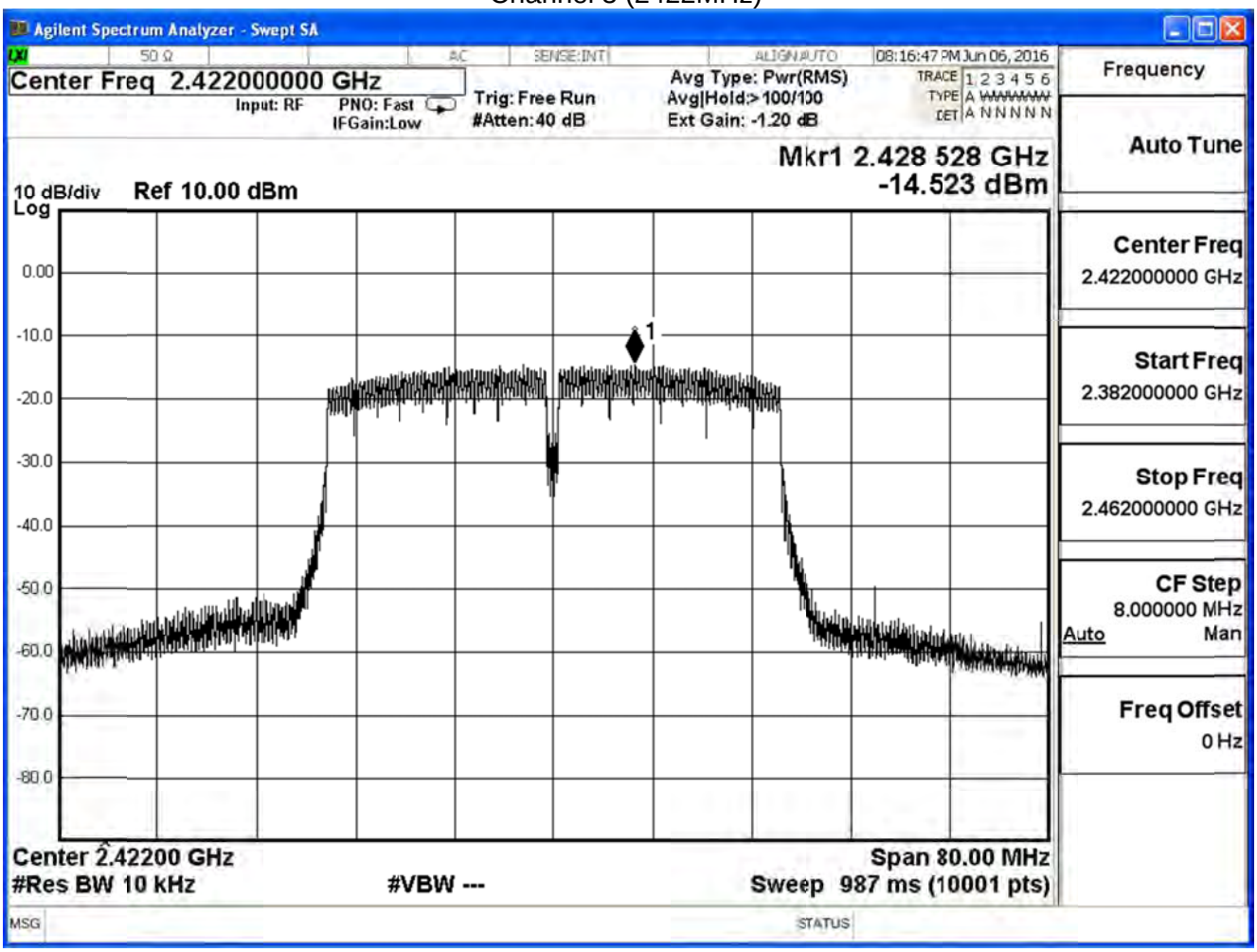
Channel 9 (2452MHz)



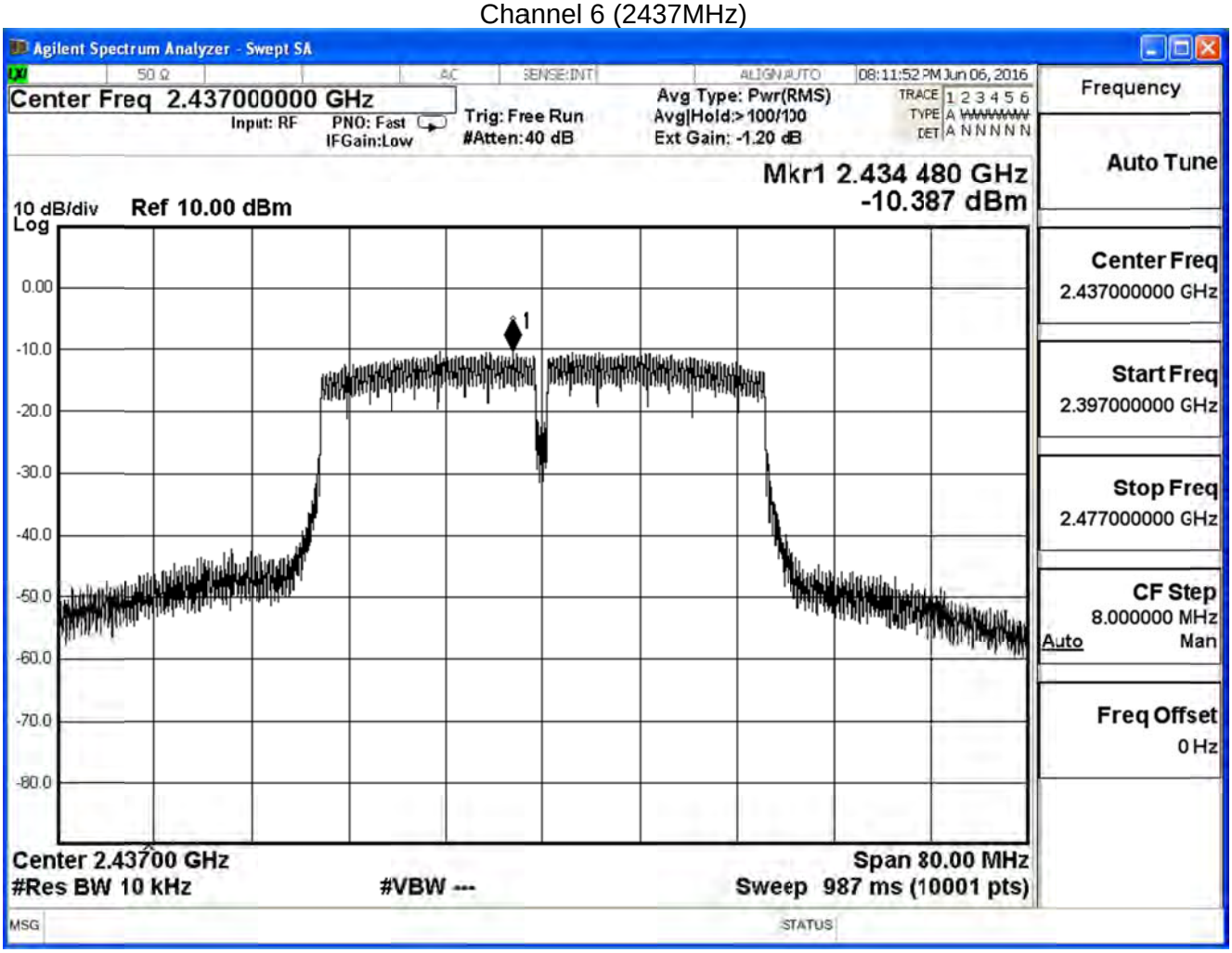
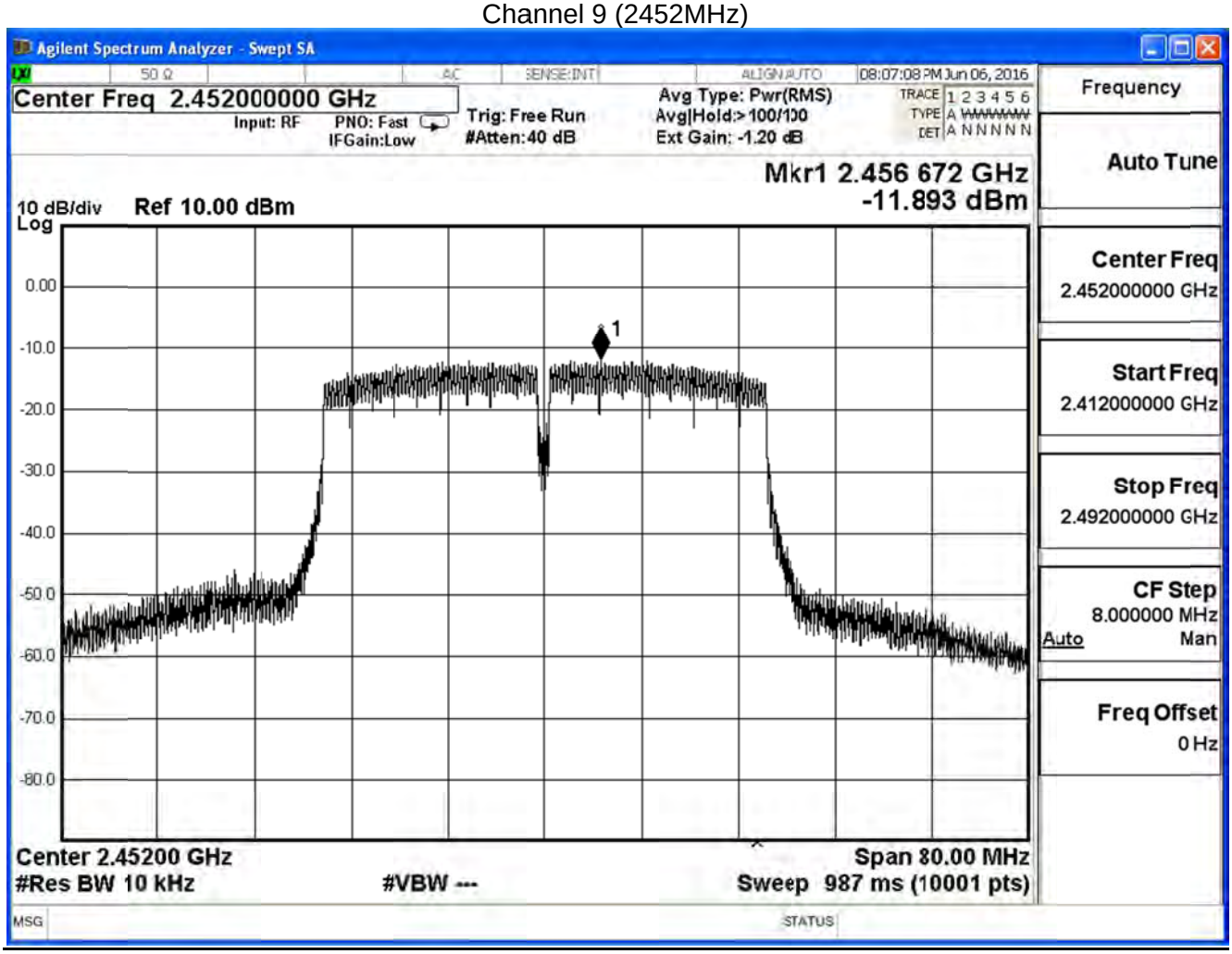
Product	Wireless-AC1700 Dual Band Gigabit Router		
Test Item	Power Density		
Test Mode	Mode 2: TX_Beamforming Mode (11 n20/n40)_ ADP1		
Date of Test	2016/06/06	Test Site	SR7

IEEE802.11n 40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-14.523	≦30	Pass
6	2437	-10.387	≦30	Pass
9	2452	-11.893	≦30	Pass

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)