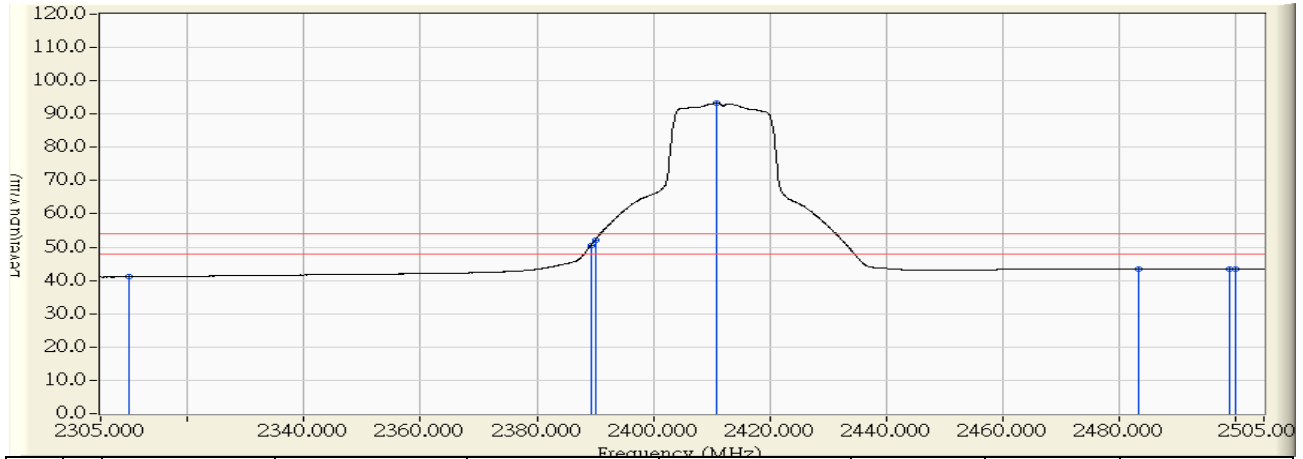


Site : CB1	Time : 2014/06/20 - 13:42
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 1: Transmit (CDD Mode)_802.11g_2412MHz

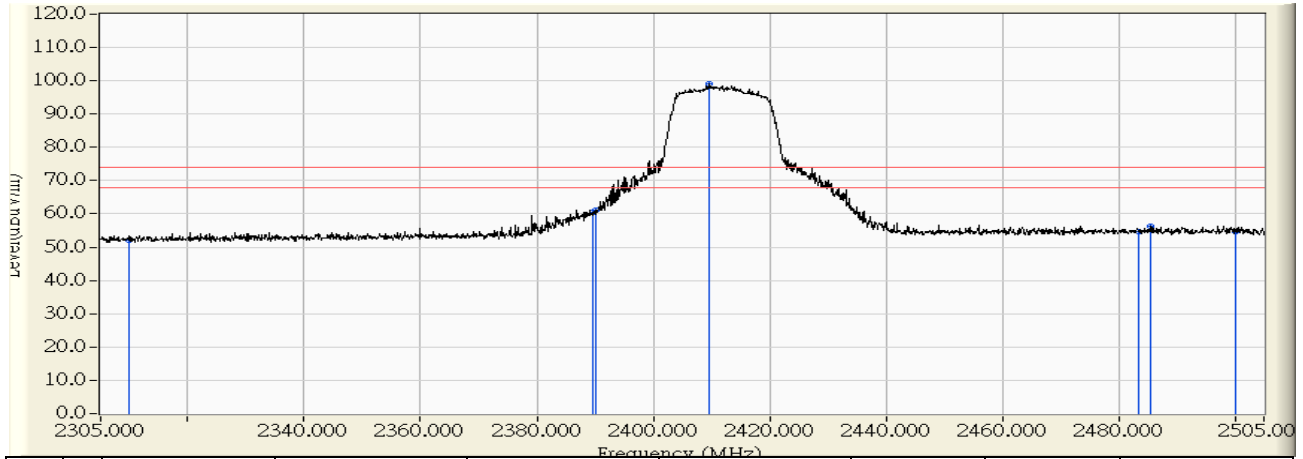


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.880	12.227	41.108	-12.892	54.000	AVERAGE
2	2389.300	29.973	20.650	50.623	-3.377	54.000	AVERAGE
3	2390.000	29.982	22.180	52.163	-1.837	54.000	AVERAGE
4	* 2411.000	30.272	63.010	93.282	39.282	54.000	AVERAGE
5	2483.500	30.972	12.402	43.374	-10.626	54.000	AVERAGE
6	2499.000	30.925	12.444	43.368	-10.632	54.000	AVERAGE
7	2500.000	30.921	12.418	43.339	-10.661	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 = 1MHz, 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 : 2014/06/20 - 13:46
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 1: Transmit (CDD Mode)_802.11g_2412MHz

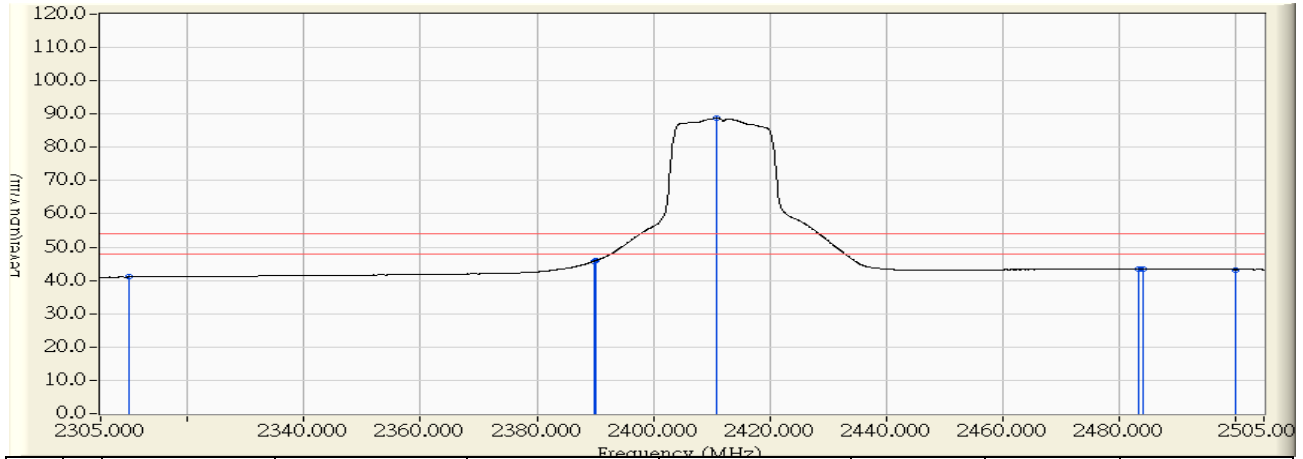


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.880	23.337	52.218	-21.782	74.000	PEAK
2	2389.500	29.976	30.624	60.600	-13.400	74.000	PEAK
3	2390.000	29.982	31.041	61.024	-12.976	74.000	PEAK
4	* 2409.700	30.254	68.767	99.021	25.021	74.000	PEAK
5	2483.500	30.972	23.757	54.729	-19.271	74.000	PEAK
6	2485.400	30.966	25.420	56.387	-17.613	74.000	PEAK
7	2500.000	30.921	23.692	54.613	-19.387	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 = 1MHz, 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 : 2014/06/20 - 13:46
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 1: Transmit (CDD Mode)_802.11g_2412MHz

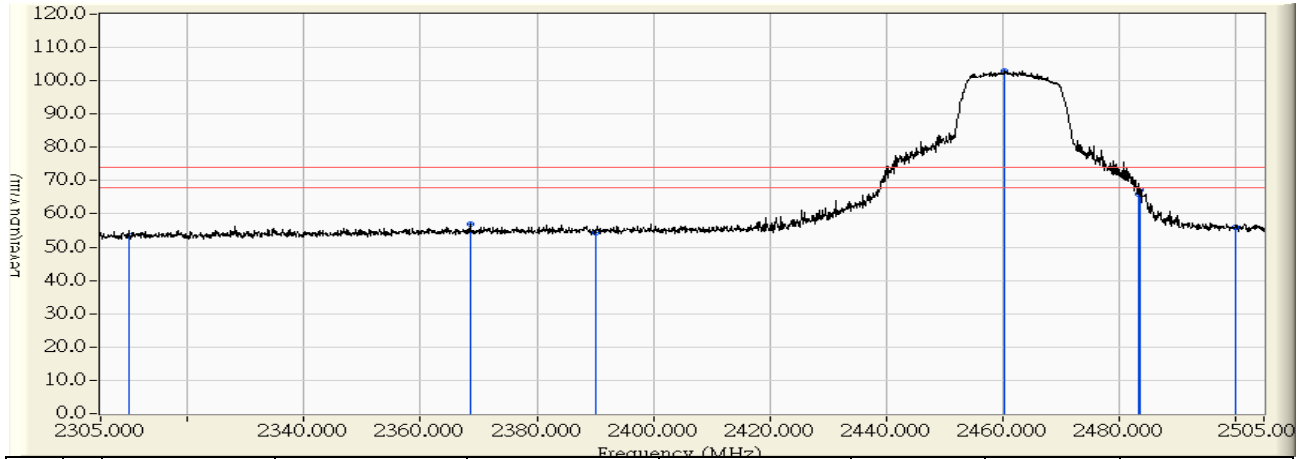


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.880	12.146	41.027	-12.973	54.000	AVERAGE
2	2389.800	29.980	15.853	45.833	-8.167	54.000	AVERAGE
3	2390.000	29.982	15.931	45.914	-8.086	54.000	AVERAGE
4	* 2410.900	30.271	58.552	88.822	34.822	54.000	AVERAGE
5	2483.500	30.972	12.402	43.374	-10.626	54.000	AVERAGE
6	2484.200	30.970	12.396	43.366	-10.634	54.000	AVERAGE
7	2500.000	30.921	12.339	43.260	-10.740	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 = 1MHz, 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 : 2014/06/15 - 11:37
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 1: Transmit (CDD Mode)_802.11g_2462MHz

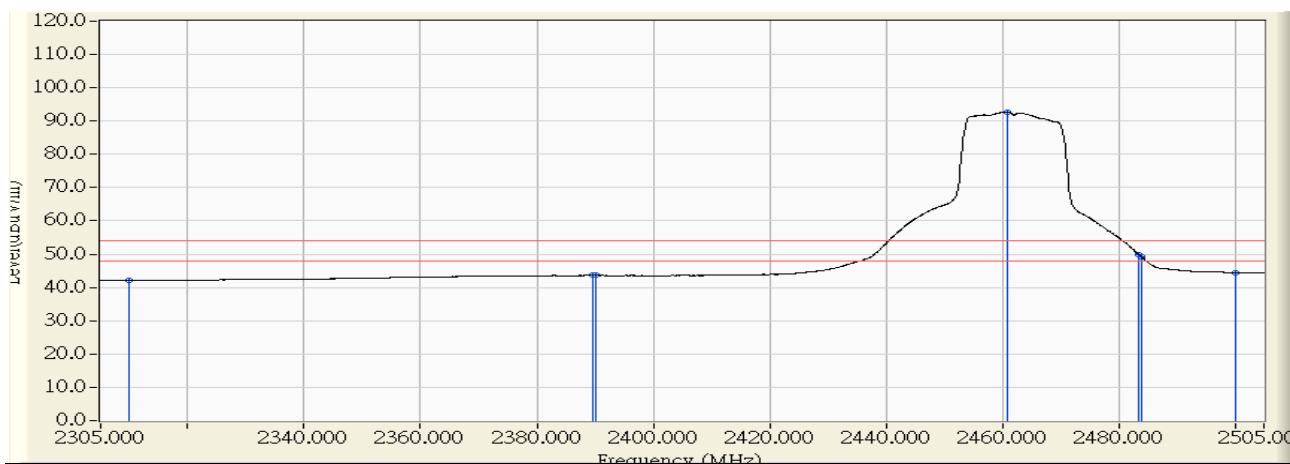


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.059	23.344	53.403	-20.597	74.000	PEAK
2	2368.500	30.665	26.130	56.795	-17.205	74.000	PEAK
3	2390.000	30.888	23.408	54.296	-19.704	74.000	PEAK
4	* 2460.400	31.971	70.990	102.961	28.961	74.000	PEAK
5	2483.500	31.858	34.187	66.045	-7.955	74.000	PEAK
6	2483.800	31.861	35.270	67.131	-6.869	74.000	PEAK
7	2500.000	31.988	23.912	55.901	-18.099	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 = 1MHz, 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 : 2014/06/15 - 11:38
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 1: Transmit (CDD Mode)_802.11g_2462MHz

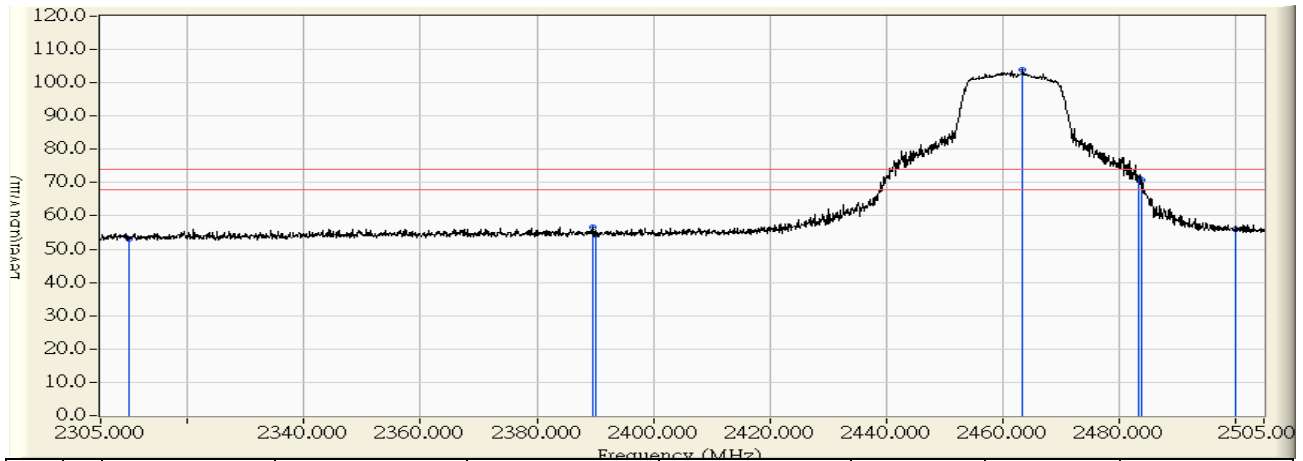


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.059	12.003	42.062	-11.938	54.000	AVERAGE
2	2389.500	30.883	12.742	43.625	-10.375	54.000	AVERAGE
3	2390.000	30.888	12.722	43.610	-10.390	54.000	AVERAGE
4	* 2461.000	31.624	61.047	92.672	38.672	54.000	AVERAGE
5	2483.500	31.858	18.036	49.894	-4.106	54.000	AVERAGE
6	2483.900	31.862	17.458	49.320	-4.680	54.000	AVERAGE
7	2500.000	31.988	12.501	44.490	-9.510	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 = 1MHz, 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 : 2014/06/15 - 11:25
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 1: Transmit (CDD Mode)_802.11g_2462MHz

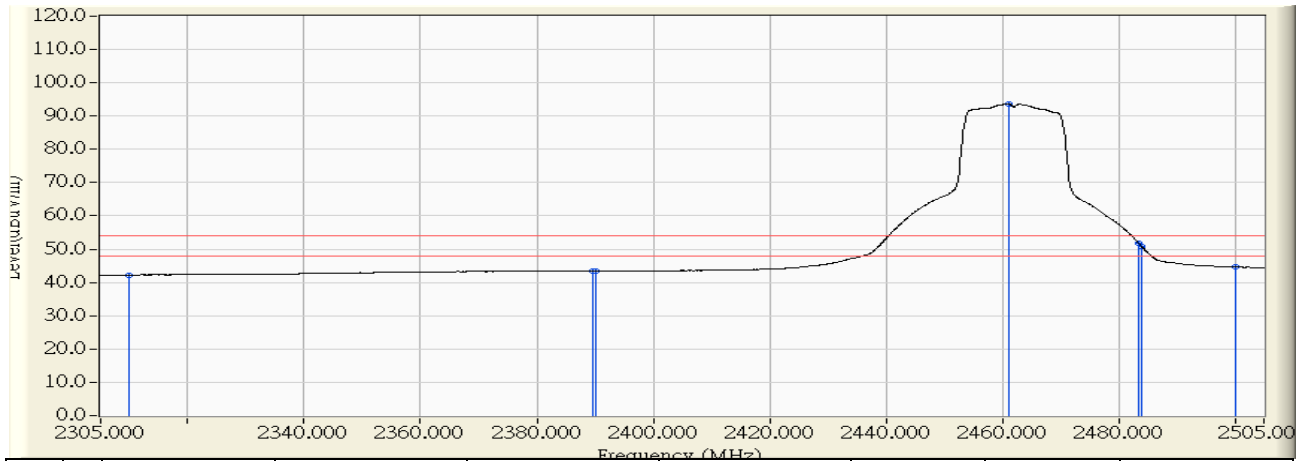


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.059	22.940	52.999	-21.001	74.000	PEAK
2	2389.700	30.885	25.699	56.584	-17.416	74.000	PEAK
3	2390.000	30.888	23.637	54.525	-19.475	74.000	PEAK
4	* 2463.500	31.650	72.291	103.942	29.942	74.000	PEAK
5	2483.500	31.858	39.588	71.446	-2.554	74.000	PEAK
6	2484.100	31.864	39.054	70.918	-3.082	74.000	PEAK
7	2500.000	31.988	23.929	55.918	-18.082	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 = 1MHz, 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 : 2014/06/15 - 11:24
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 1: Transmit (CDD Mode)_802.11g_2462MHz

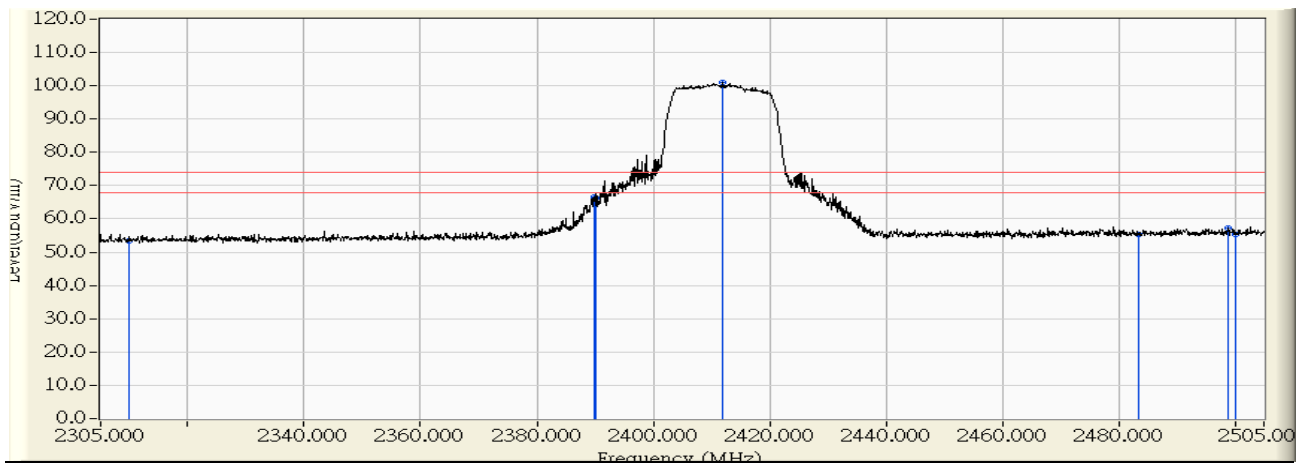


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.059	12.223	42.282	-11.718	54.000	AVERAGE
2	2389.500	30.883	12.576	43.459	-10.541	54.000	AVERAGE
3	2390.000	30.888	12.610	43.498	-10.502	54.000	AVERAGE
4	* 2461.100	31.626	61.965	93.591	39.591	54.000	AVERAGE
5	2483.500	31.858	19.905	51.763	-2.237	54.000	AVERAGE
6	2483.900	31.862	19.071	50.933	-3.067	54.000	AVERAGE
7	2500.000	31.988	12.577	44.566	-9.434	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 = 1MHz, 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 : 2014/06/15 - 12:04
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode)_ 802.11n(20M)_ 2412MHz

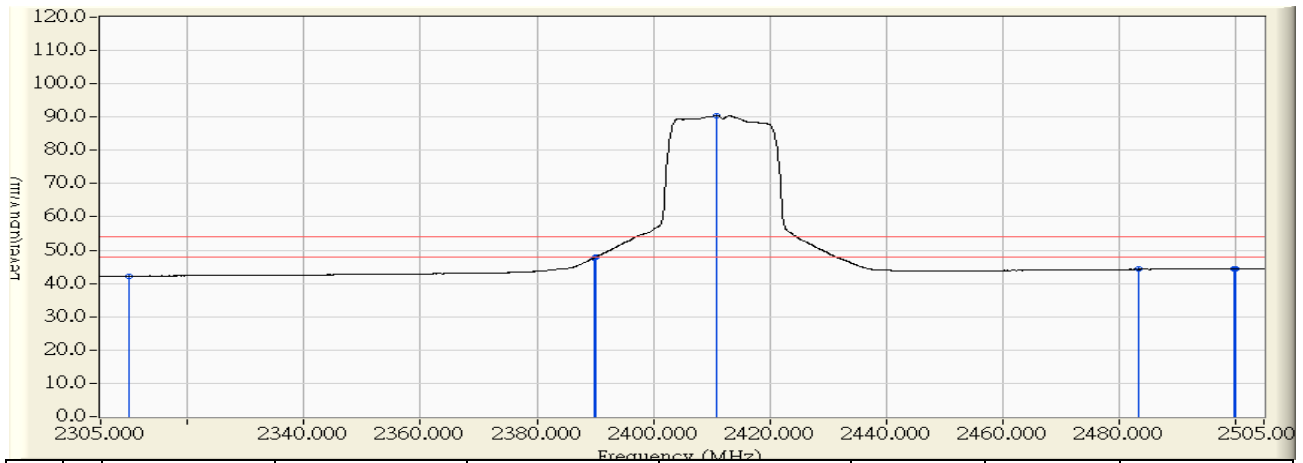


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.059	23.482	53.541	-20.459	74.000	PEAK
2	2389.800	30.886	35.613	66.499	-7.501	74.000	PEAK
3	2390.000	30.888	35.323	66.211	-7.789	74.000	PEAK
4	* 2411.800	31.115	69.858	100.972	26.972	74.000	PEAK
5	2483.500	31.858	23.374	55.232	-18.768	74.000	PEAK
6	2498.900	31.937	25.413	57.351	-16.649	74.000	PEAK
7	2500.000	31.988	23.195	55.184	-18.816	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 = 1MHz, 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 : 2014/06/15 - 12:05
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode)_ 802.11n(20M)_ 2412MHz

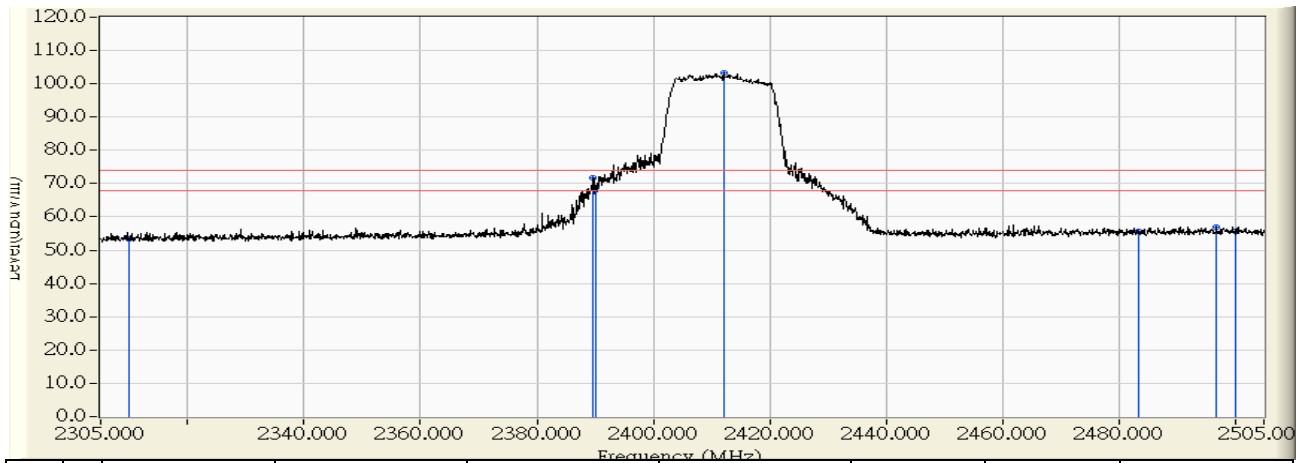


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.059	12.144	42.203	-11.797	54.000	AVERAGE
2	2389.800	30.886	16.866	47.752	-6.248	54.000	AVERAGE
3	2390.000	30.888	17.004	47.892	-6.108	54.000	AVERAGE
4	* 2410.900	31.105	59.380	90.485	36.485	54.000	AVERAGE
5	2483.500	31.858	12.391	44.249	-9.751	54.000	AVERAGE
6	2499.800	31.989	12.366	44.355	-9.645	54.000	AVERAGE
7	2500.000	31.988	12.374	44.363	-9.637	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 = 1MHz, 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 : 2014/06/15 - 12:14
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode)_ 802.11n(20M)_ 2412MHz

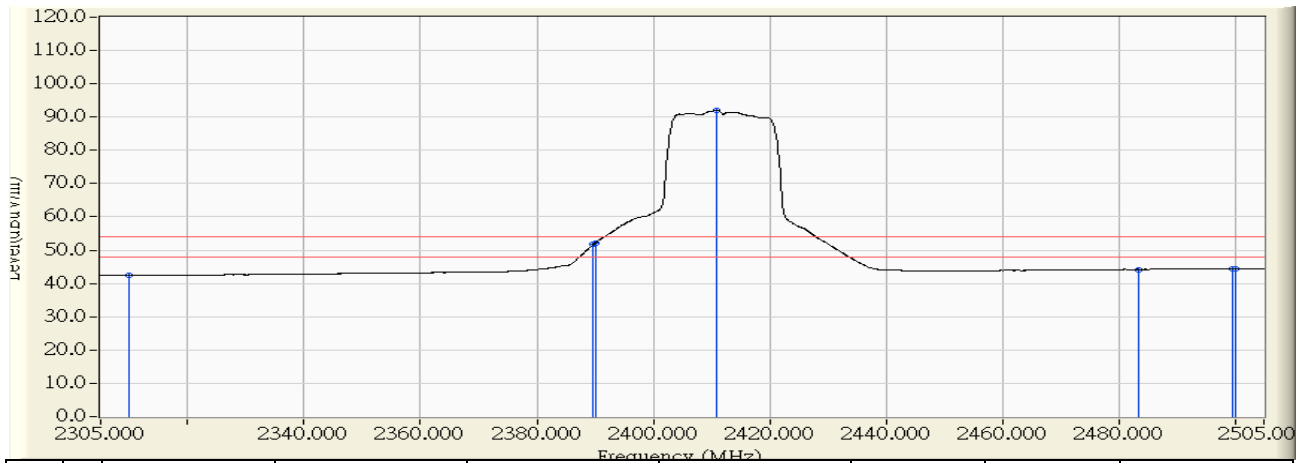


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.059	23.368	53.427	-20.573	74.000	PEAK
2	2389.700	30.885	40.932	71.817	-2.183	74.000	PEAK
3	2390.000	30.888	38.077	68.965	-5.035	74.000	PEAK
4	* 2412.200	31.118	72.105	103.224	29.224	74.000	PEAK
5	2483.500	31.858	23.700	55.558	-18.442	74.000	PEAK
6	2496.800	31.988	24.930	56.918	-17.082	74.000	PEAK
7	2500.000	31.988	23.603	55.592	-18.408	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 = 1MHz, 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 : 2014/06/15 - 12:15
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode)_ 802.11n(20M)_ 2412MHz

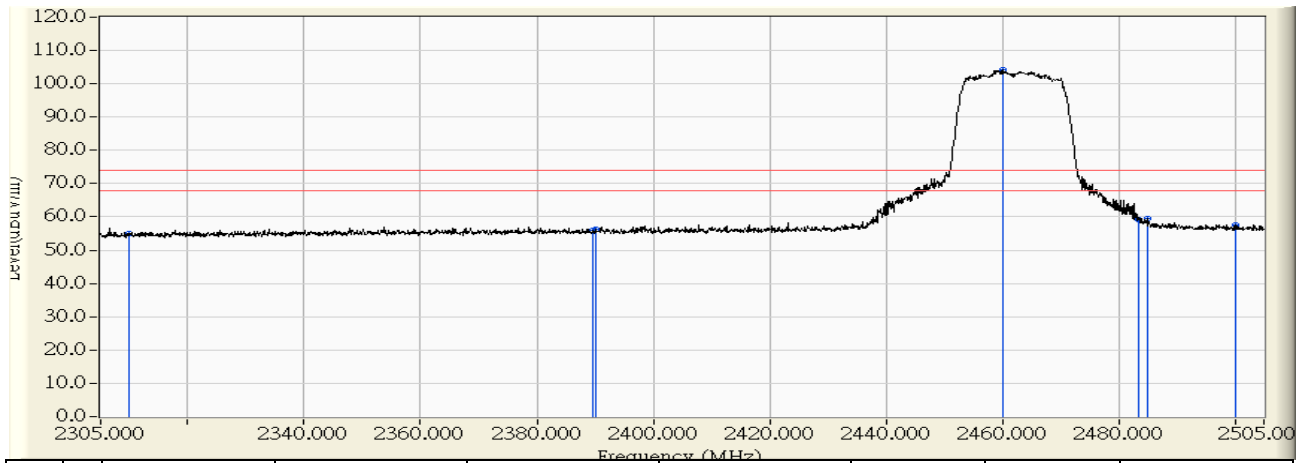


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.059	12.335	42.394	-11.606	54.000	AVERAGE
2	2389.700	30.885	20.871	51.756	-2.244	54.000	AVERAGE
3	2390.000	30.888	21.281	52.169	-1.831	54.000	AVERAGE
4	* 2410.900	31.105	61.043	92.148	38.148	54.000	AVERAGE
5	2483.500	31.858	12.351	44.209	-9.791	54.000	AVERAGE
6	2499.500	31.936	12.447	44.383	-9.617	54.000	AVERAGE
7	2500.000	31.988	12.330	44.319	-9.681	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 = 1MHz, 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 : 2014/08/14 - 23:00
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 802.11n(20M) 2462MHz

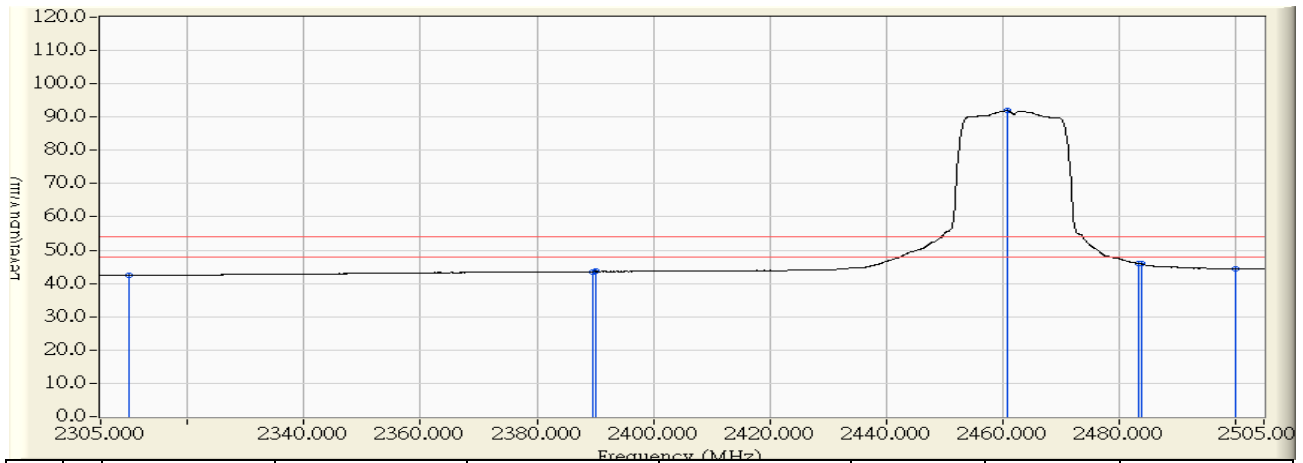


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.411	24.683	55.094	-18.906	74.000	PEAK
2	2389.500	31.236	24.771	56.007	-17.993	74.000	PEAK
3	2390.000	31.241	25.211	56.452	-17.548	74.000	PEAK
4	* 2460.100	31.968	72.121	104.089	30.089	74.000	PEAK
5	2483.500	31.980	27.141	59.120	-14.880	74.000	PEAK
6	2484.900	31.976	27.615	59.591	-14.409	74.000	PEAK
7	2500.000	31.934	25.524	57.459	-16.541	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 = 1MHz, 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 : 2014/08/14 - 23:01
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 802.11n(20M) 2462MHz

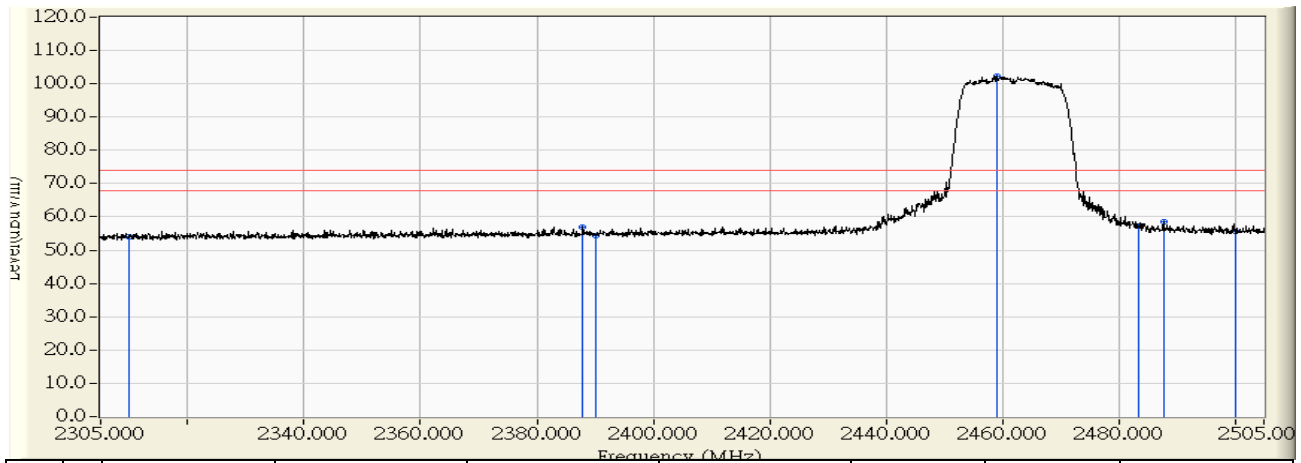


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.411	11.986	42.397	-11.603	54.000	AVERAGE
2	2389.500	31.236	12.315	43.551	-10.449	54.000	AVERAGE
3	2390.000	31.241	12.365	43.606	-10.394	54.000	AVERAGE
4	* 2460.900	31.976	59.896	91.872	37.872	54.000	AVERAGE
5	2483.500	31.980	13.963	45.942	-8.058	54.000	AVERAGE
6	2483.900	31.978	13.877	45.855	-8.145	54.000	AVERAGE
7	2500.000	31.934	12.524	44.459	-9.541	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 = 1MHz, 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 : 2014/08/14 - 23:09
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 802.11n(20M) 2462MHz

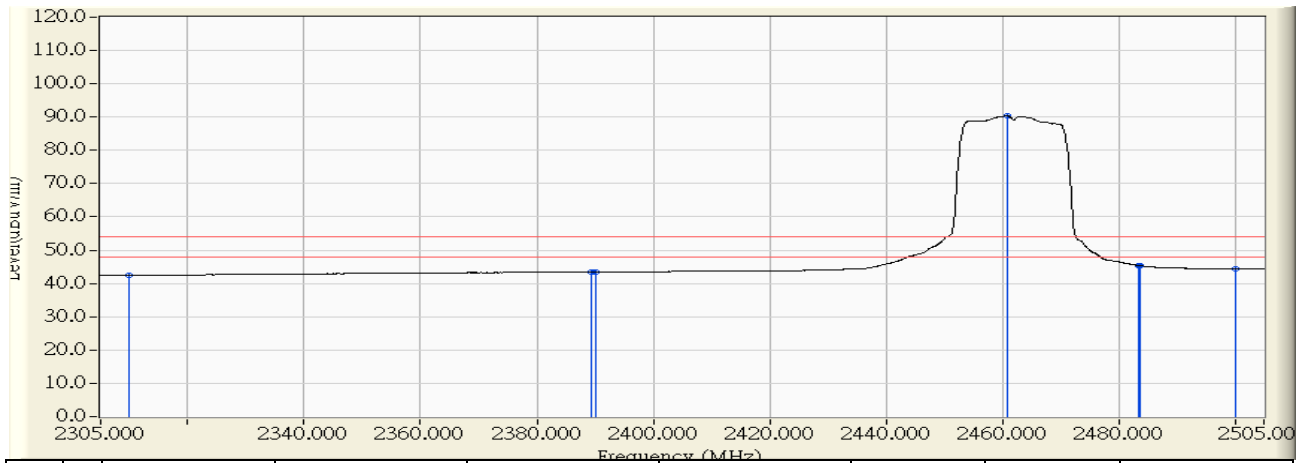


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.411	23.519	53.930	-20.070	74.000	PEAK
2	2387.900	31.219	25.663	56.882	-17.118	74.000	PEAK
3	2390.000	31.241	23.163	54.404	-19.596	74.000	PEAK
4	* 2459.000	31.957	70.422	102.378	28.378	74.000	PEAK
5	2483.500	31.980	25.331	57.310	-16.690	74.000	PEAK
6	2487.700	31.968	26.579	58.547	-15.453	74.000	PEAK
7	2500.000	31.934	23.760	55.695	-18.305	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 = 1MHz, 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 : 2014/08/14 - 23:10
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 802.11n(20M) 2462MHz

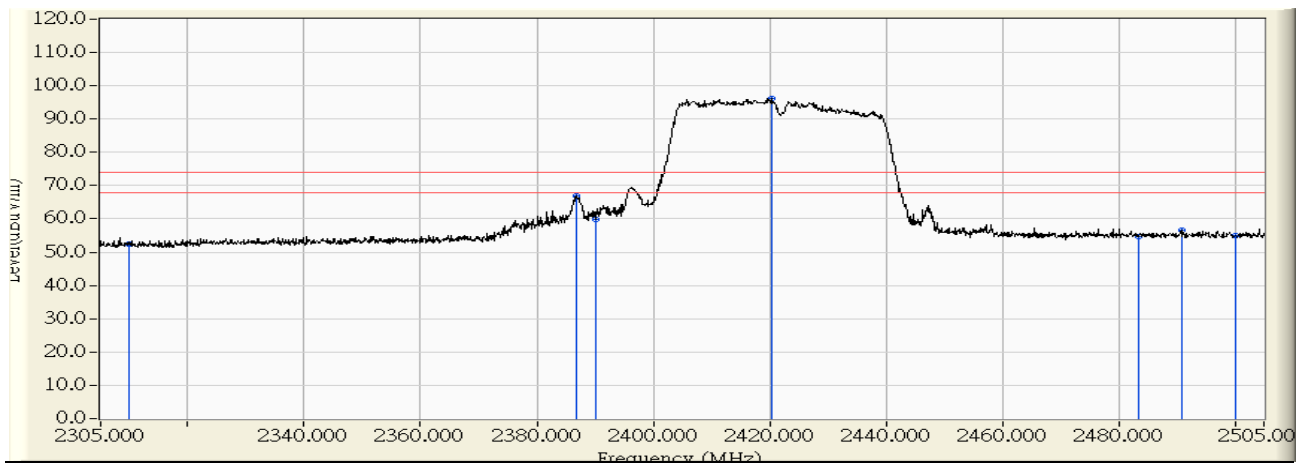


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.411	12.061	42.472	-11.528	54.000	AVERAGE
2	2389.300	31.233	12.247	43.481	-10.519	54.000	AVERAGE
3	2390.000	31.241	12.231	43.472	-10.528	54.000	AVERAGE
4	* 2460.800	31.975	58.366	90.341	36.341	54.000	AVERAGE
5	2483.500	31.980	13.477	45.456	-8.544	54.000	AVERAGE
6	2483.600	31.979	13.435	45.414	-8.586	54.000	AVERAGE
7	2500.000	31.934	12.464	44.399	-9.601	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 = 1MHz, 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 : 2014/06/20 - 13:51
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 802.11n(40M) 2422MHz

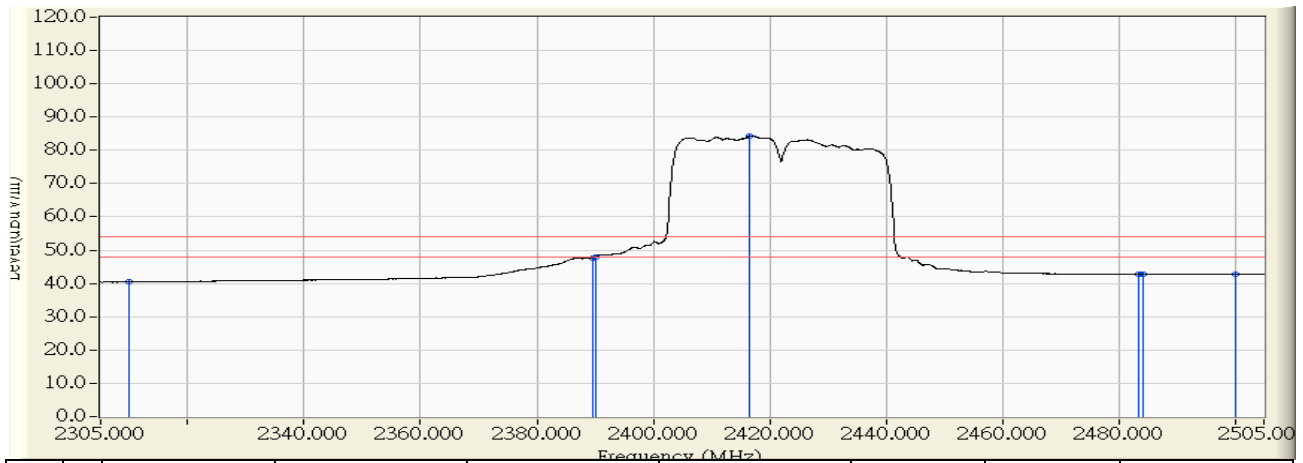


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.880	23.704	52.585	-21.415	74.000	PEAK
2	2386.700	29.937	36.848	66.785	-7.215	74.000	PEAK
3	2390.000	29.982	29.827	59.810	-14.190	74.000	PEAK
4	* 2420.500	30.403	65.738	96.141	22.141	74.000	PEAK
5	2483.500	30.972	23.638	54.610	-19.390	74.000	PEAK
6	2491.000	30.949	25.798	56.747	-17.253	74.000	PEAK
7	2500.000	30.921	24.062	54.983	-19.017	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 = 1MHz, 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 : 2014/06/20 - 13:53
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 – HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 802.11n(40M) 2422MHz

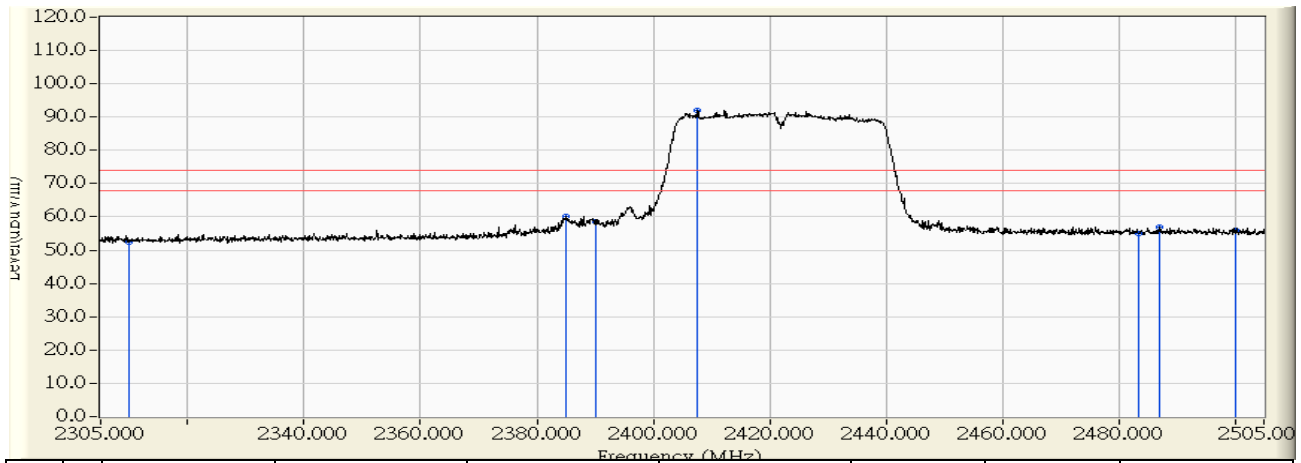


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.880	11.554	40.435	-13.565	54.000	AVERAGE
2	2389.500	29.976	17.780	47.756	-6.244	54.000	AVERAGE
3	2390.000	29.982	17.994	47.977	-6.023	54.000	AVERAGE
4	* 2416.600	30.349	53.950	84.299	30.299	54.000	AVERAGE
5	2483.500	30.972	11.881	42.853	-11.147	54.000	AVERAGE
6	2484.200	30.970	11.878	42.848	-11.152	54.000	AVERAGE
7	2500.000	30.921	11.895	42.816	-11.184	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 = 1MHz, 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 : 2014/06/20 - 13:56
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 802.11n(40M) 2422MHz

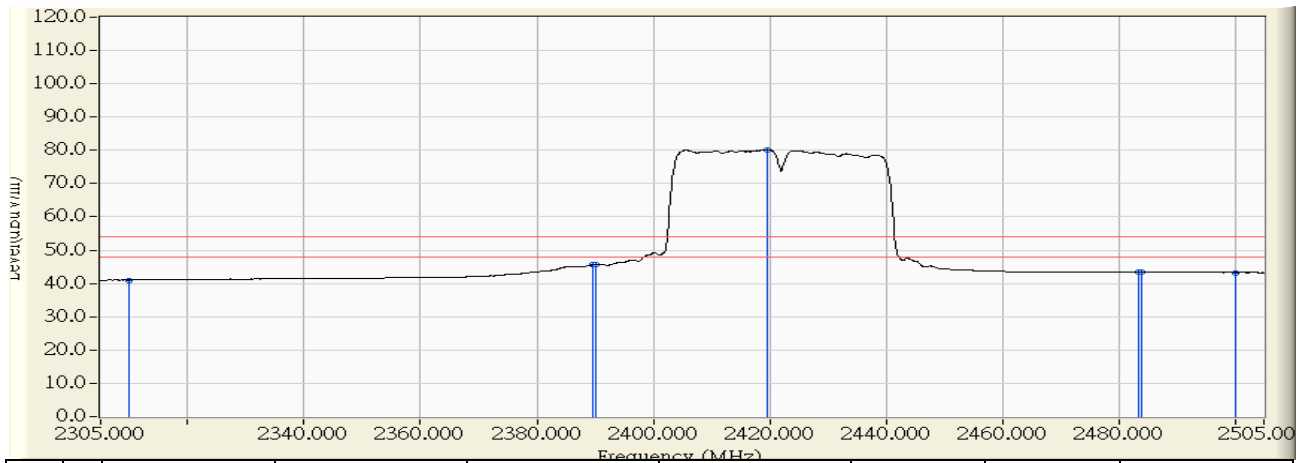


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.880	23.591	52.472	-21.528	74.000	PEAK
2	2385.000	29.913	30.132	60.046	-13.954	74.000	PEAK
3	2390.000	29.982	28.647	58.630	-15.370	74.000	PEAK
4	* 2407.500	30.224	61.861	92.085	18.085	74.000	PEAK
5	2483.500	30.972	24.138	55.110	-18.890	74.000	PEAK
6	2487.100	30.961	26.142	57.103	-16.897	74.000	PEAK
7	2500.000	30.921	25.040	55.961	-18.039	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 = 1MHz, 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 : 2014/06/20 - 13:57
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode)_802.11n(40M)_2422MHz

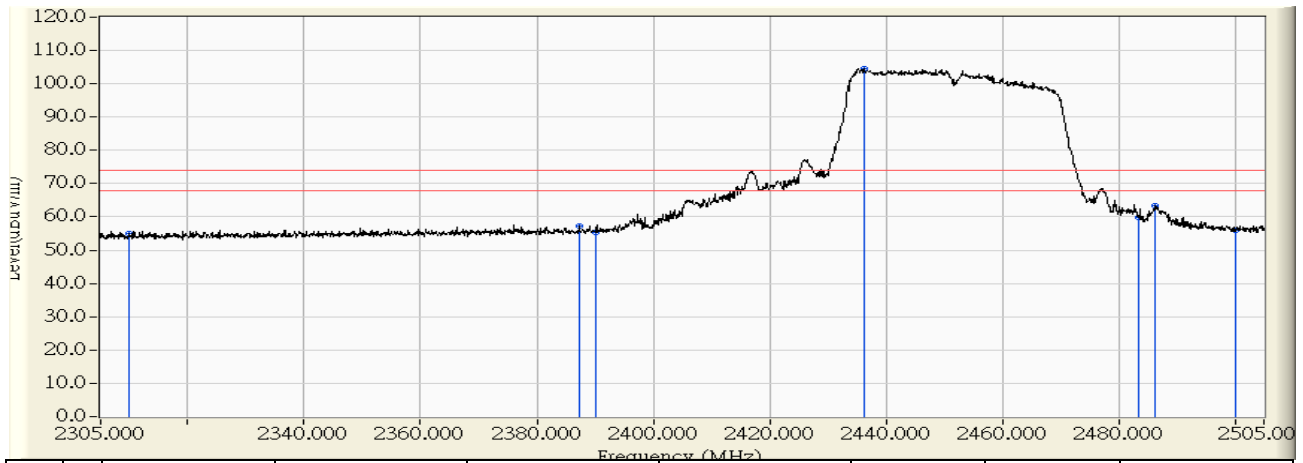


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	28.880	12.131	41.012	-12.988	54.000	AVERAGE
2	2389.500	29.976	15.567	45.543	-8.457	54.000	AVERAGE
3	2390.000	29.982	15.646	45.629	-8.371	54.000	AVERAGE
4	* 2419.700	30.392	49.863	80.255	26.255	54.000	AVERAGE
5	2483.500	30.972	12.392	43.364	-10.636	54.000	AVERAGE
6	2483.900	30.971	12.396	43.367	-10.633	54.000	AVERAGE
7	2500.000	30.921	12.339	43.260	-10.740	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 = 1MHz, 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 : 2014/08/14 - 23:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode)_ 802.11n(40M)_ 2452MHz

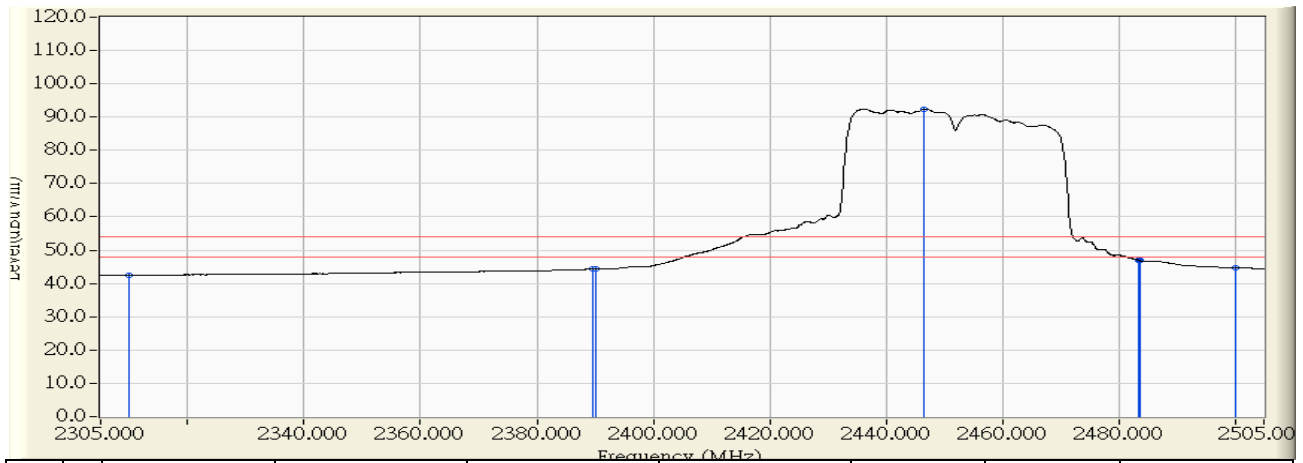


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.411	24.518	54.929	-19.071	74.000	PEAK
2	2387.300	31.213	26.077	57.290	-16.710	74.000	PEAK
3	2390.000	31.241	24.174	55.415	-18.585	74.000	PEAK
4	* 2436.300	31.721	72.901	104.622	30.622	74.000	PEAK
5	2483.500	31.980	27.874	59.853	-14.147	74.000	PEAK
6	2486.300	31.972	31.497	63.469	-10.531	74.000	PEAK
7	2500.000	31.934	24.147	56.082	-17.918	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 = 1MHz, 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 : 2014/08/14 - 23:24
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode)_802.11n(40M)_2452MHz

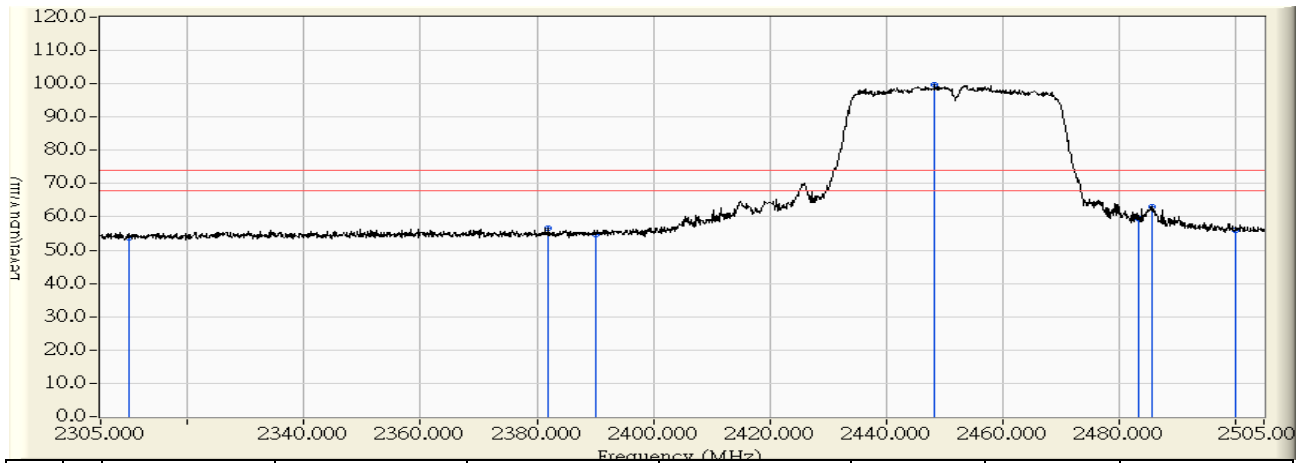


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.411	12.110	42.521	-11.479	54.000	AVERAGE
2	2389.500	31.236	13.051	44.287	-9.713	54.000	AVERAGE
3	2390.000	31.241	13.052	44.293	-9.707	54.000	AVERAGE
4	* 2446.500	31.827	60.606	92.433	38.433	54.000	AVERAGE
5	2483.500	31.980	14.949	46.928	-7.072	54.000	AVERAGE
6	2483.600	31.979	14.904	46.883	-7.117	54.000	AVERAGE
7	2500.000	31.934	12.708	44.643	-9.357	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 = 1MHz, 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 : 2014/08/14 - 23:32
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 802.11n(40M) 2452MHz

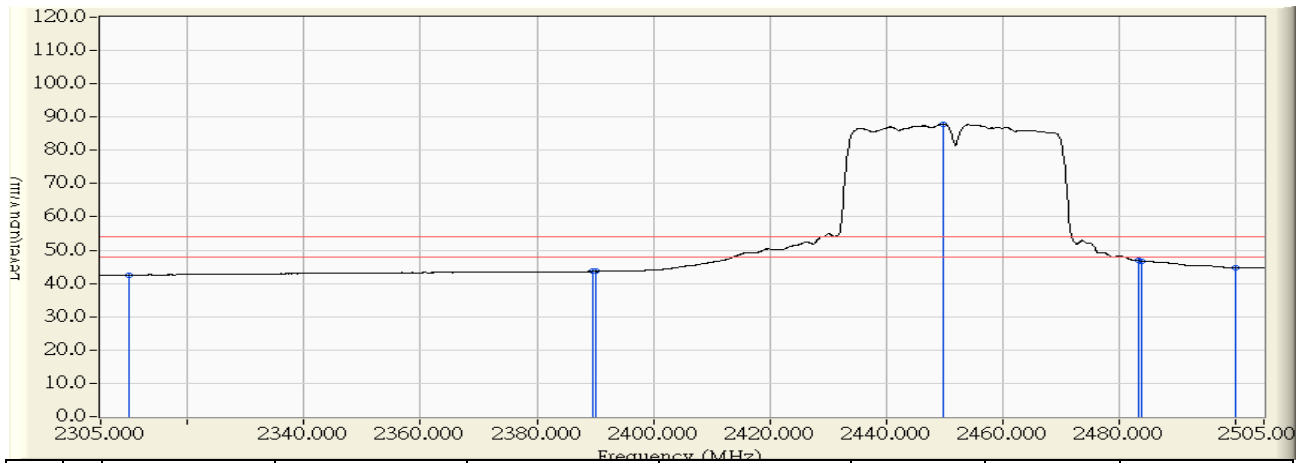


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	30.411	23.449	53.860	-20.140	74.000	PEAK
2	2382.000	31.158	25.351	56.509	-17.491	74.000	PEAK
3	2390.000	31.241	23.605	54.846	-19.154	74.000	PEAK
4	* 2448.400	31.846	67.999	99.846	25.846	74.000	PEAK
5	2483.500	31.980	27.476	59.455	-14.545	74.000	PEAK
6	2485.800	31.974	31.087	63.060	-10.940	74.000	PEAK
7	2500.000	31.934	24.050	55.985	-18.015	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 = 1MHz, 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 : 2014/08/14 - 23:34
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	Power : DC 5V (Power by Notebook PC)
EUT : Dual-band Wireless-AC1300 USB Adapter	Note : Mode 2: Transmit (MIMO Mode) 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	30.411	12.128	42.539	-11.461	54.000	AVERAGE
2	2389.500	31.236	12.358	43.594	-10.406	54.000	AVERAGE
3	2390.000	31.241	12.379	43.620	-10.380	54.000	AVERAGE
4	* 2449.900	31.862	55.997	87.859	33.859	54.000	AVERAGE
5	2483.500	31.980	14.839	46.818	-7.182	54.000	AVERAGE
6	2484.000	31.978	14.773	46.751	-7.249	54.000	AVERAGE
7	2500.000	31.934	12.846	44.781	-9.219	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 = 1MHz, 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 Occupied Bandwidth

7.1. Test Equipment

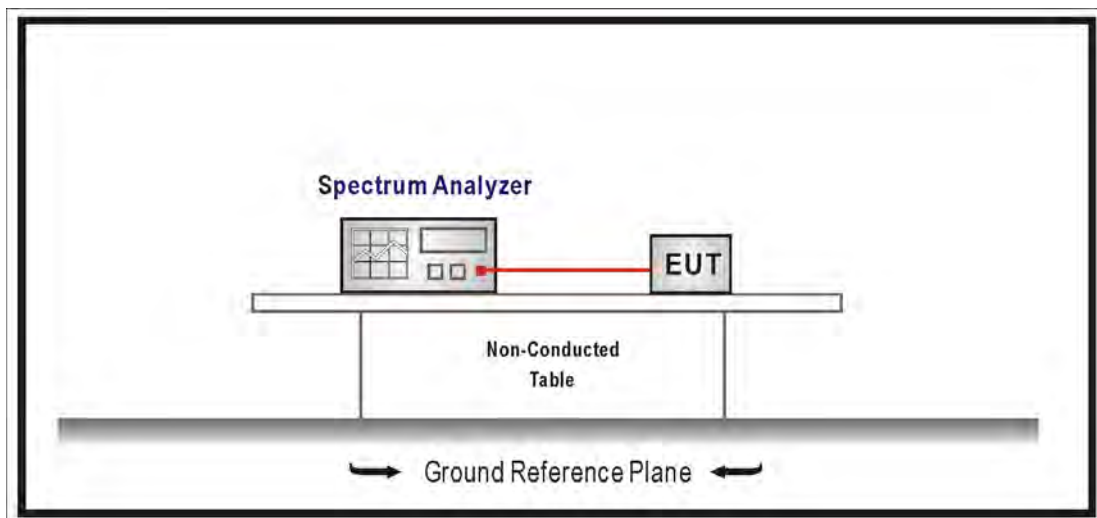
The following test equipments are used during the test:

DTS Occupied Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

Note: 1. All equipments 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; tested according to DTS test procedure section 8.1 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, $VBW \geq 3 \times RBW$, 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: 2013

7.6. Uncertainty

The measurement uncertainty is defined as $\pm 150\text{Hz}$

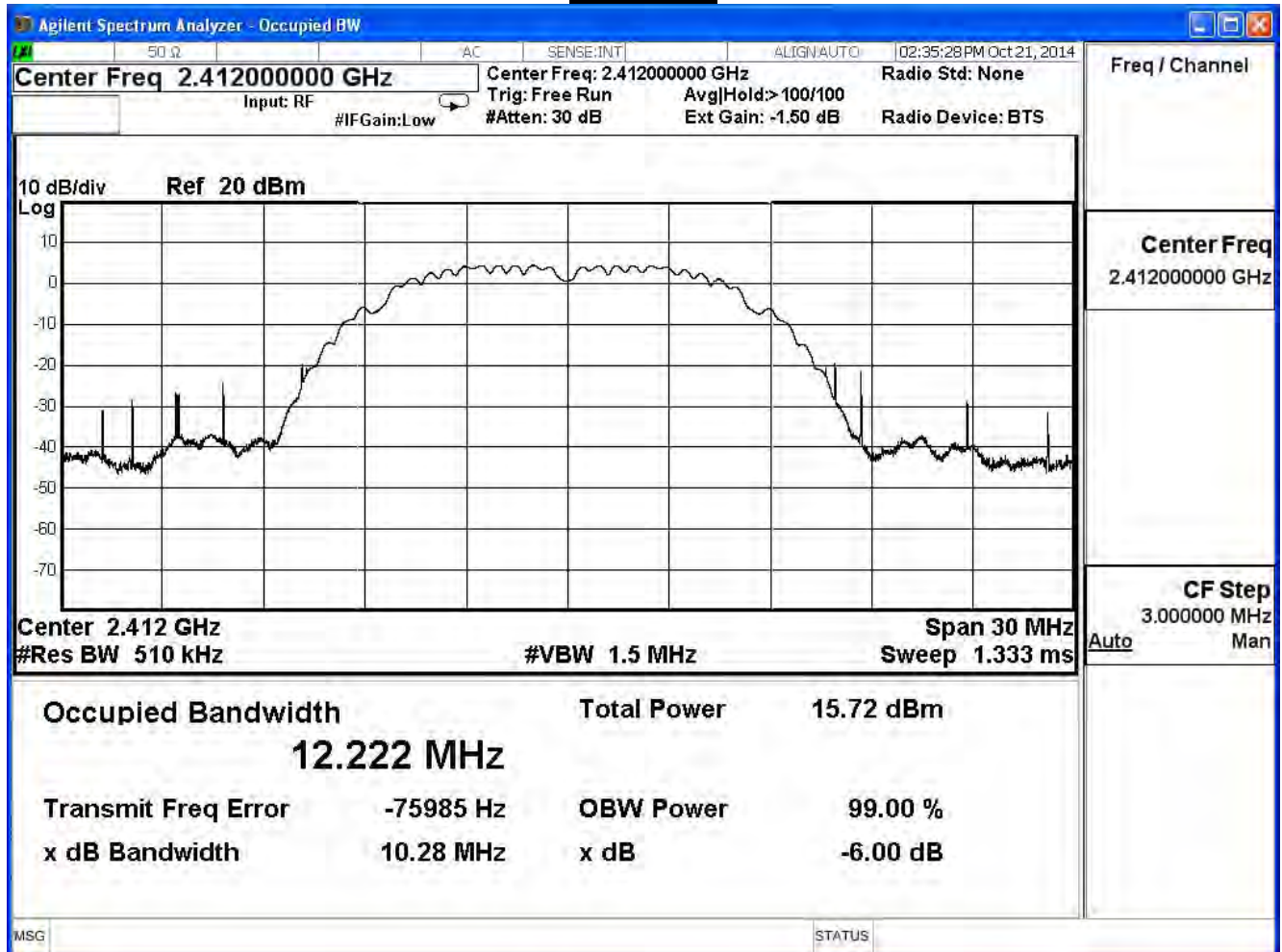
7.7. Test Result

Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	DTS Occupied Bandwidth		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/04	Test Site	SR7

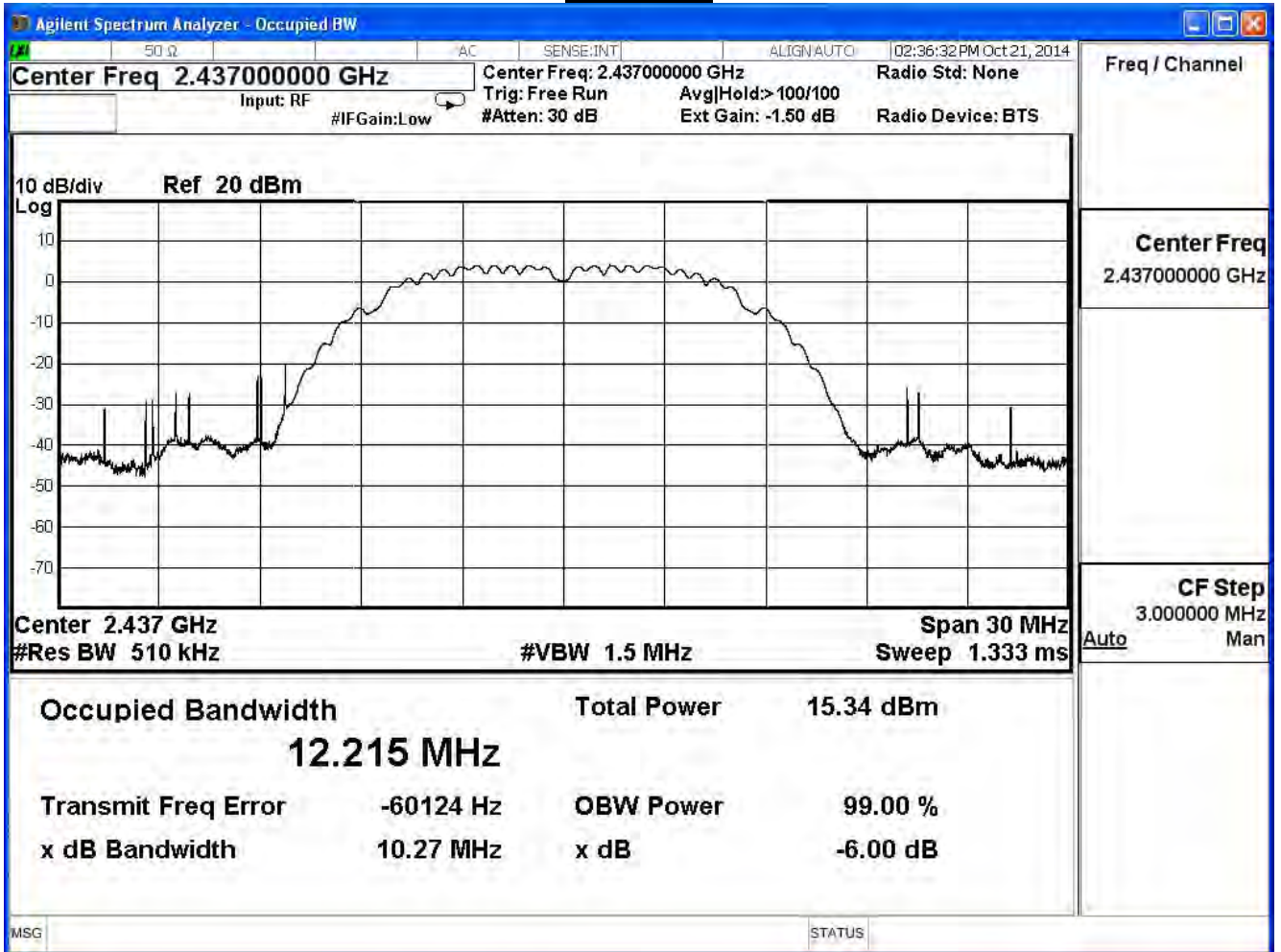
802.11 b (ANT 0)

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	10.28	≥ 0.5	Pass
6	2437	10.27	≥ 0.5	Pass
11	2462	10.29	≥ 0.5	Pass

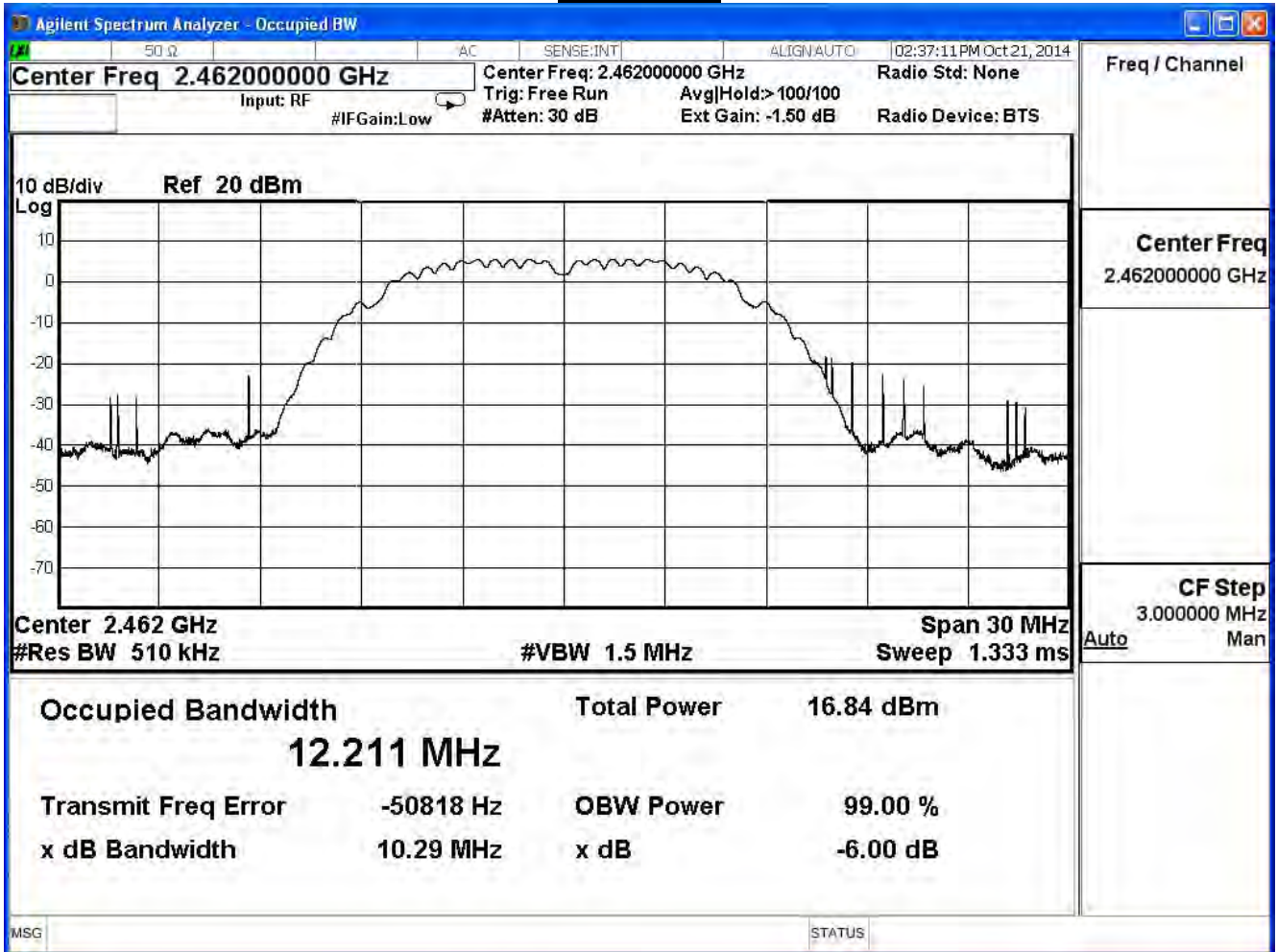
Channel 1



Channel 6



Channel 11

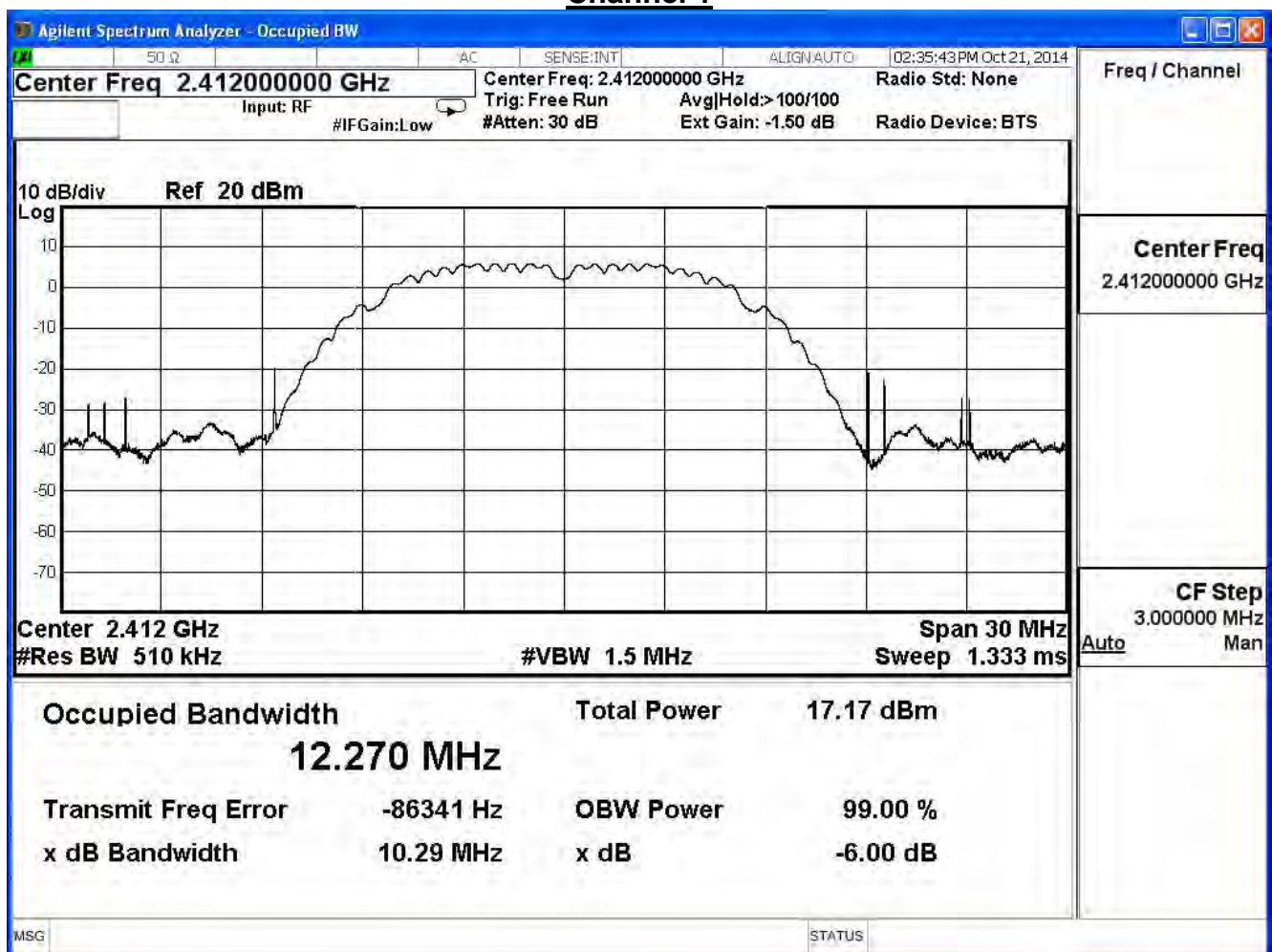


Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	DTS Occupied Bandwidth		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/04	Test Site	SR7

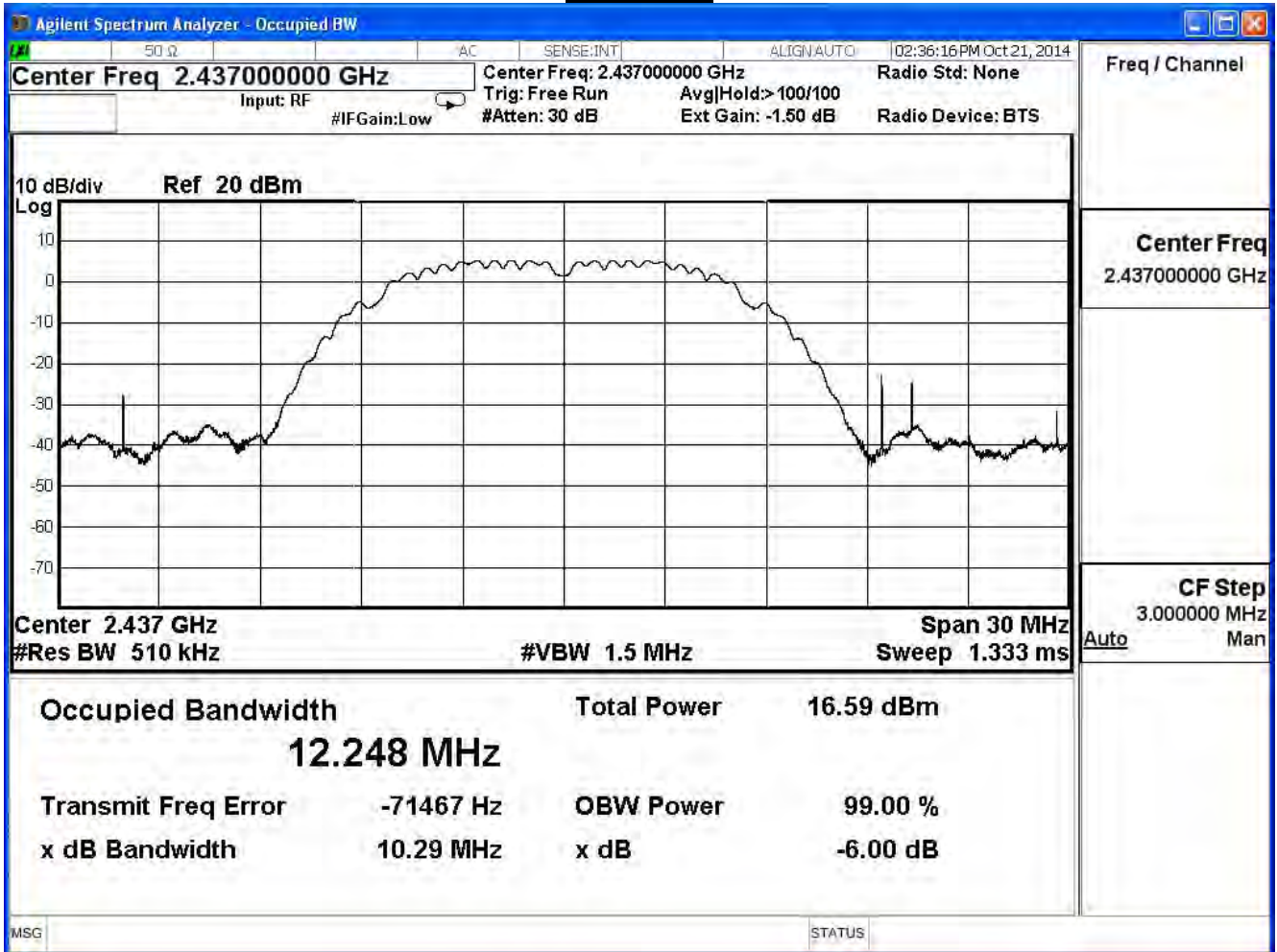
802.11 b (ANT 1)

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	10.29	≥ 0.5	Pass
6	2437	10.29	≥ 0.5	Pass
11	2462	10.28	≥ 0.5	Pass

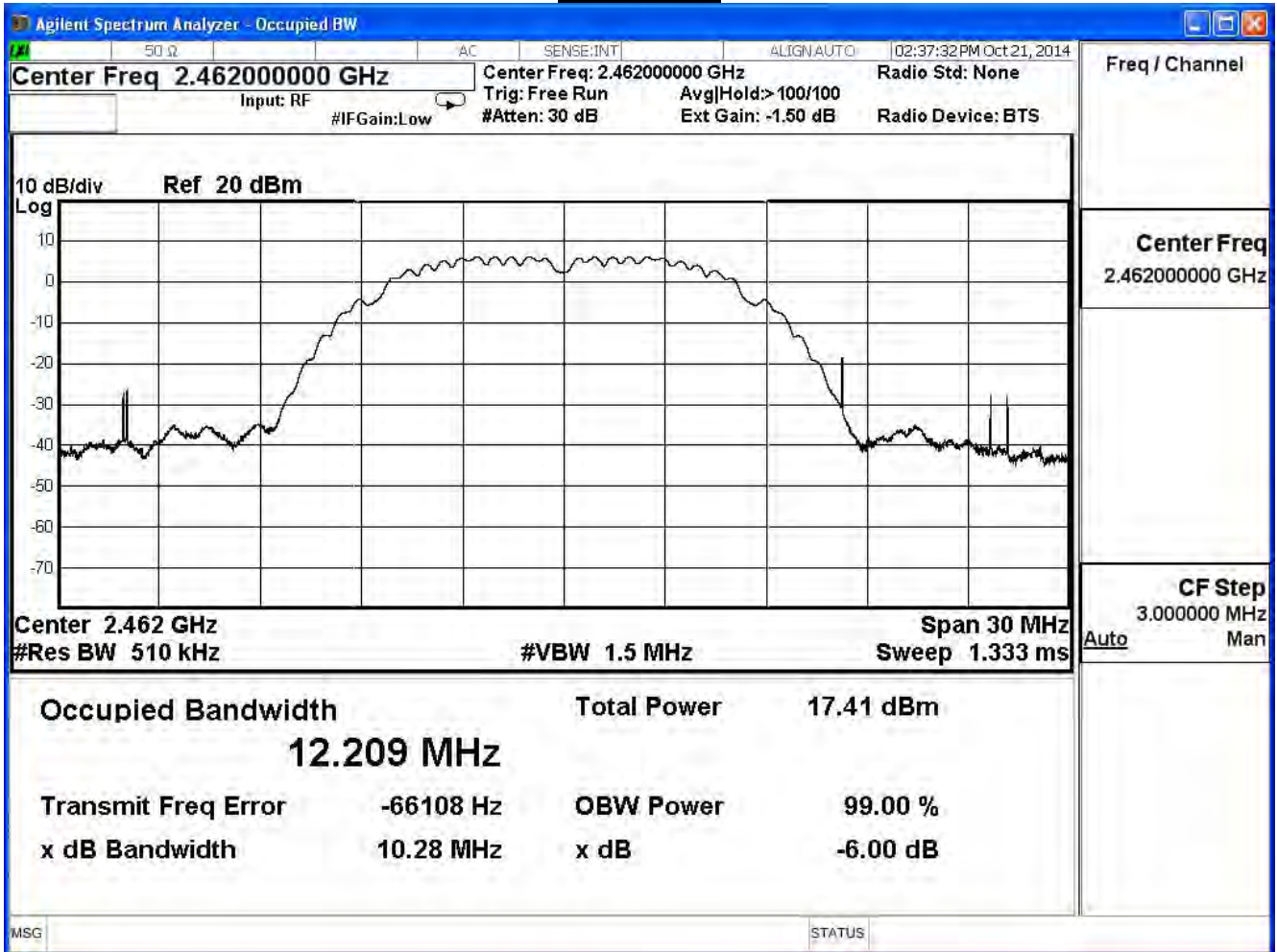
Channel 1



Channel 6



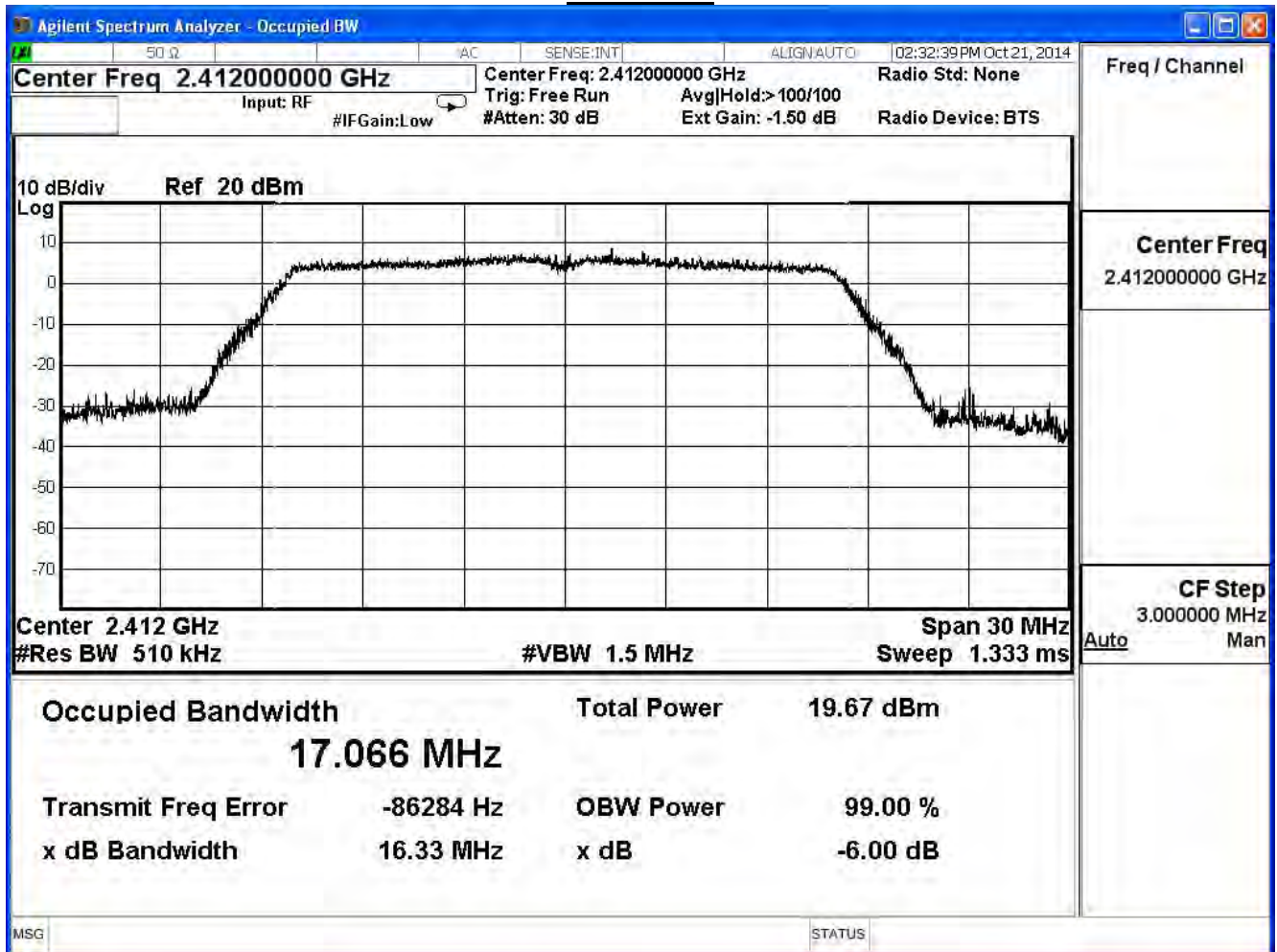
Channel 11



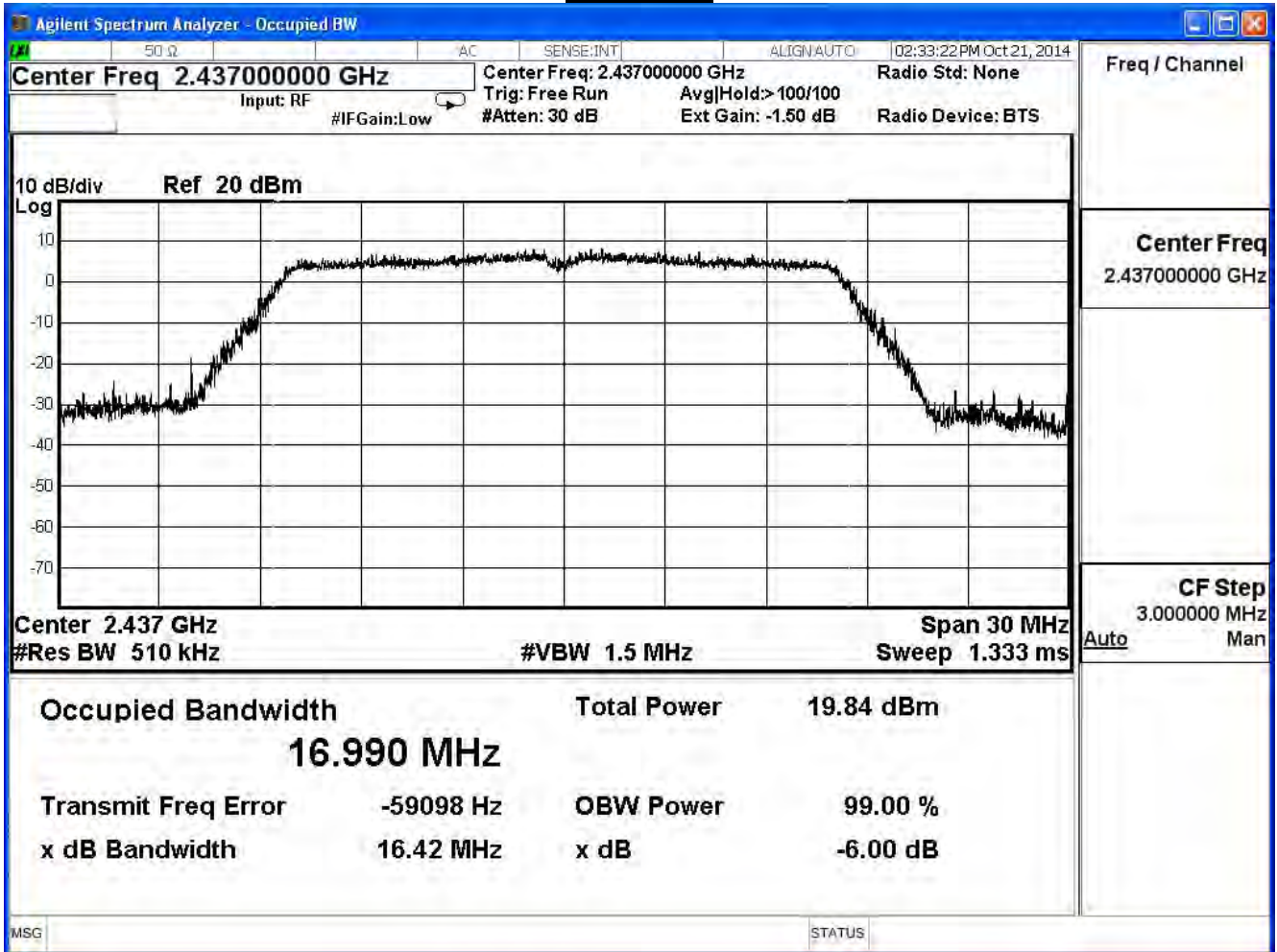
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	DTS Occupied Bandwidth		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	16.33	≥ 0.5	Pass
6	2437	16.42	≥ 0.5	Pass
11	2462	16.57	≥ 0.5	Pass

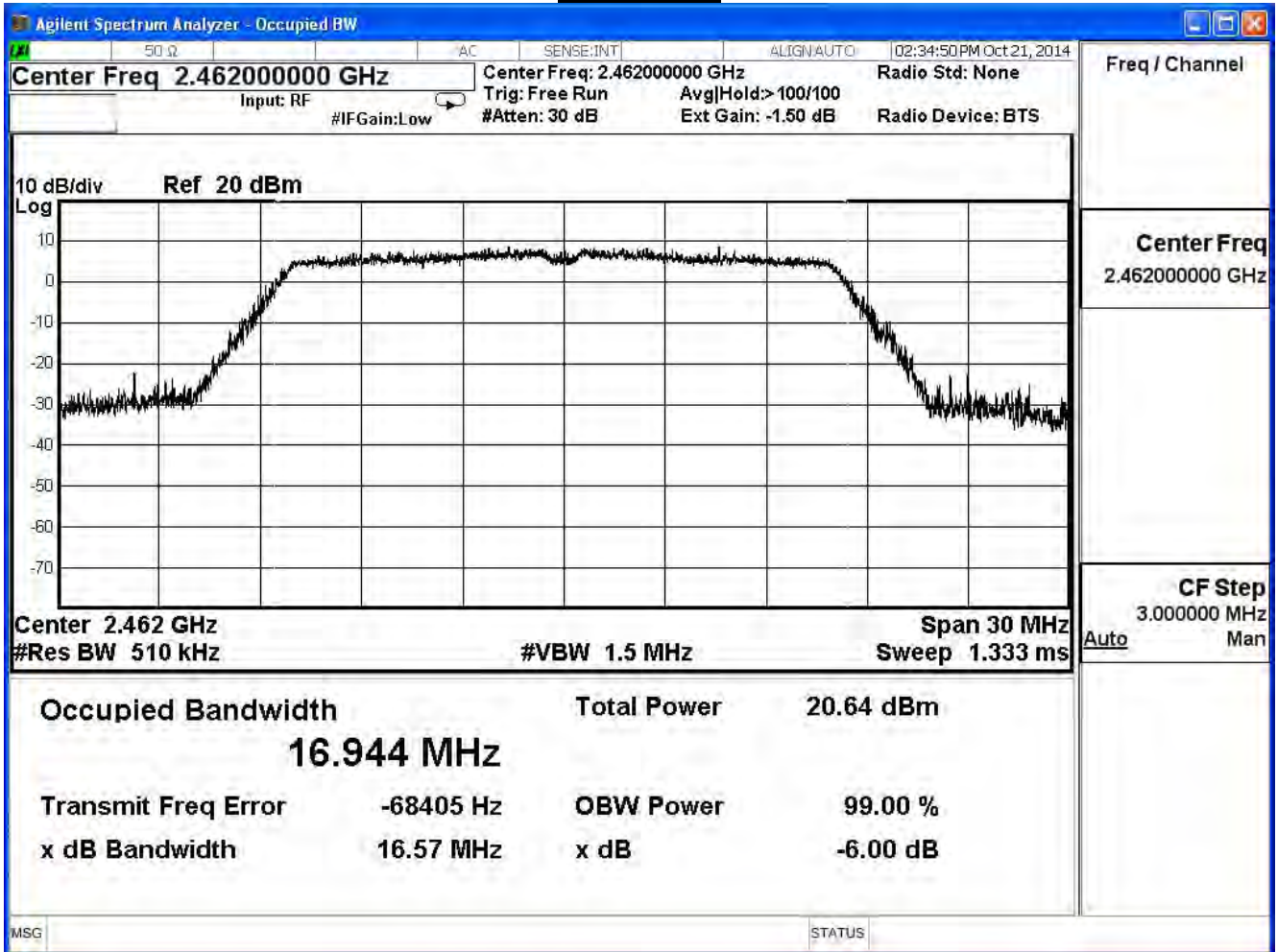
Channel 1



Channel 6



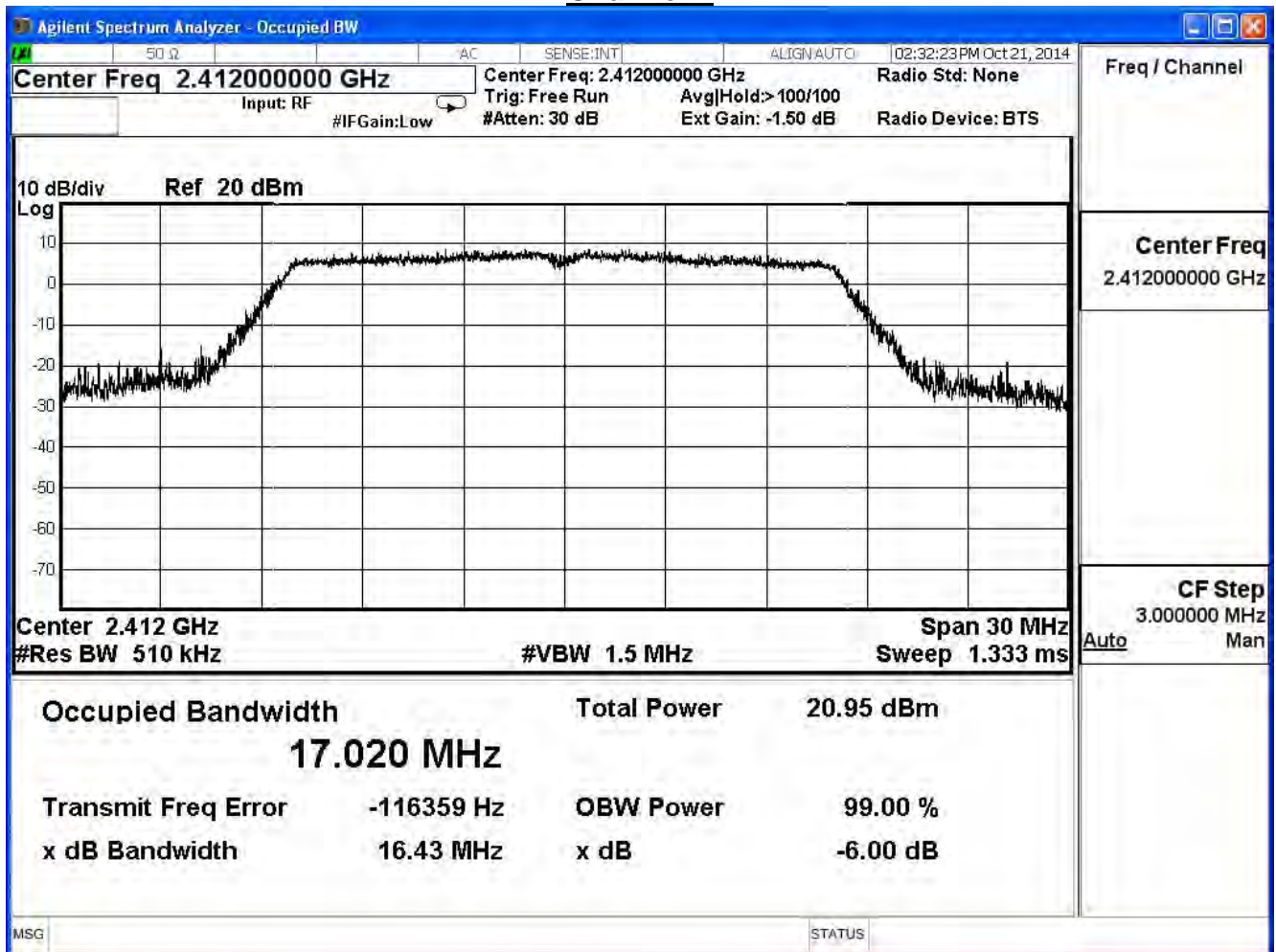
Channel 11



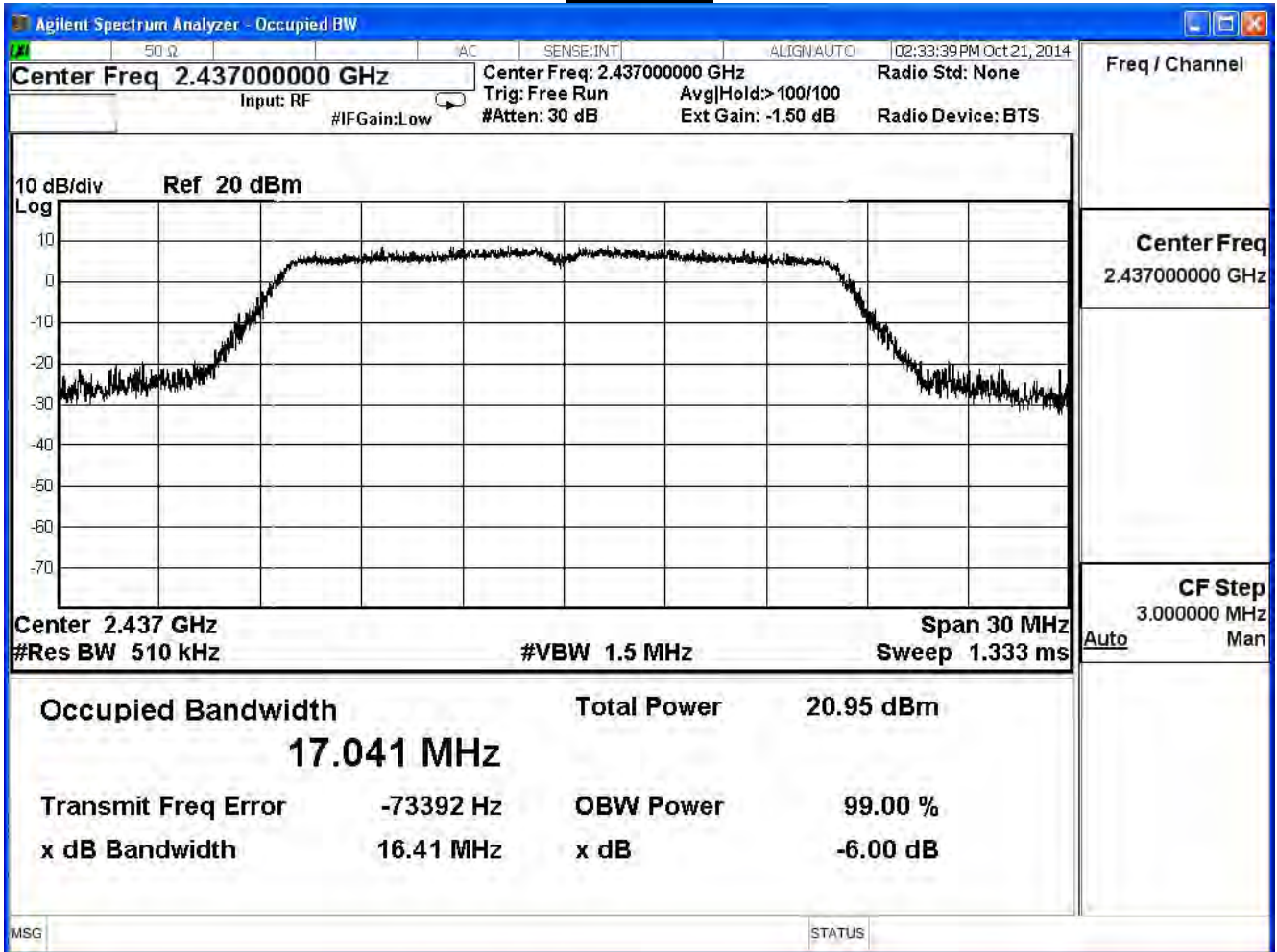
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	DTS Occupied Bandwidth		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	16.43	≥ 0.5	Pass
6	2437	16.41	≥ 0.5	Pass
11	2462	16.41	≥ 0.5	Pass

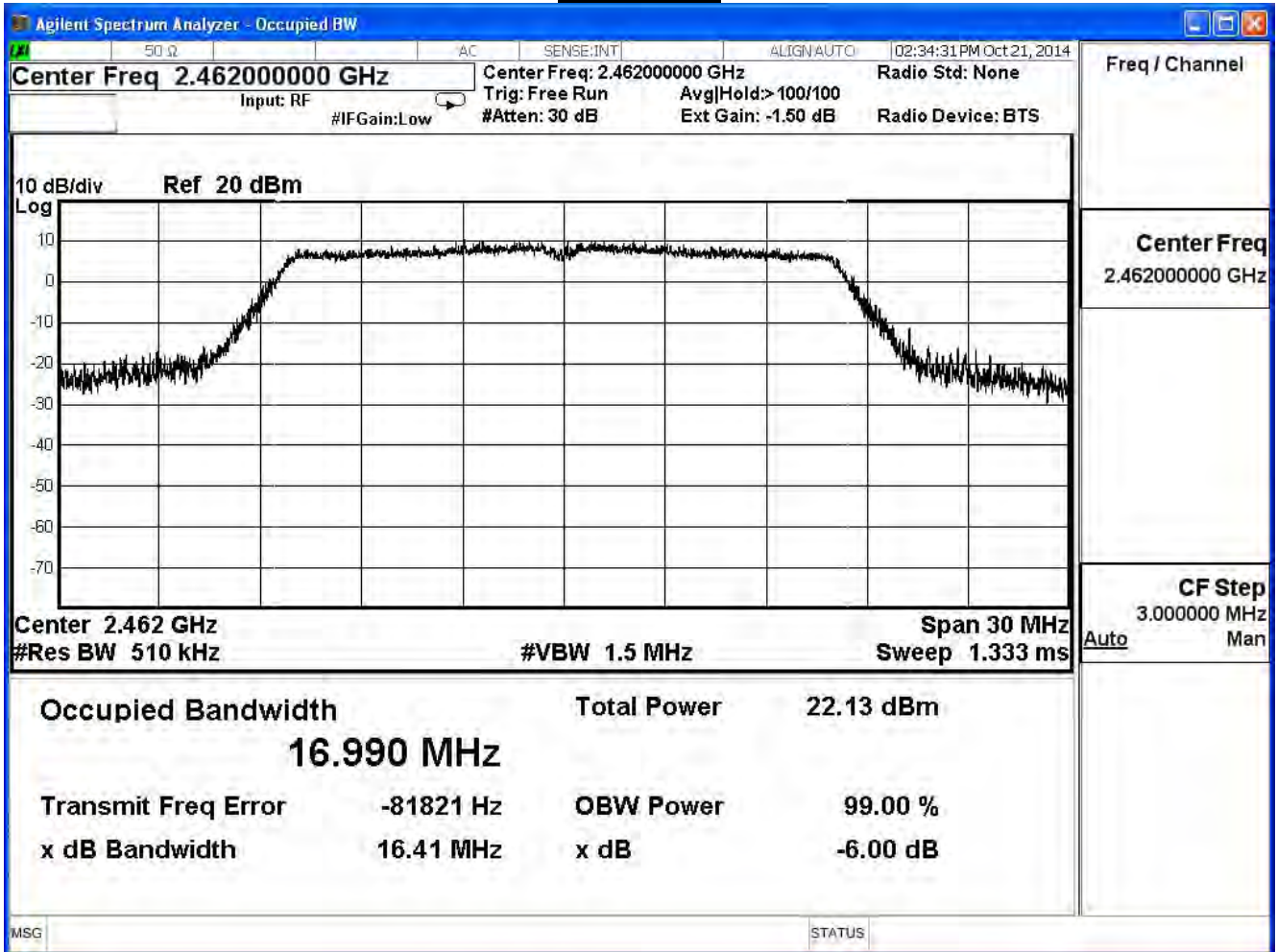
Channel 1



Channel 6



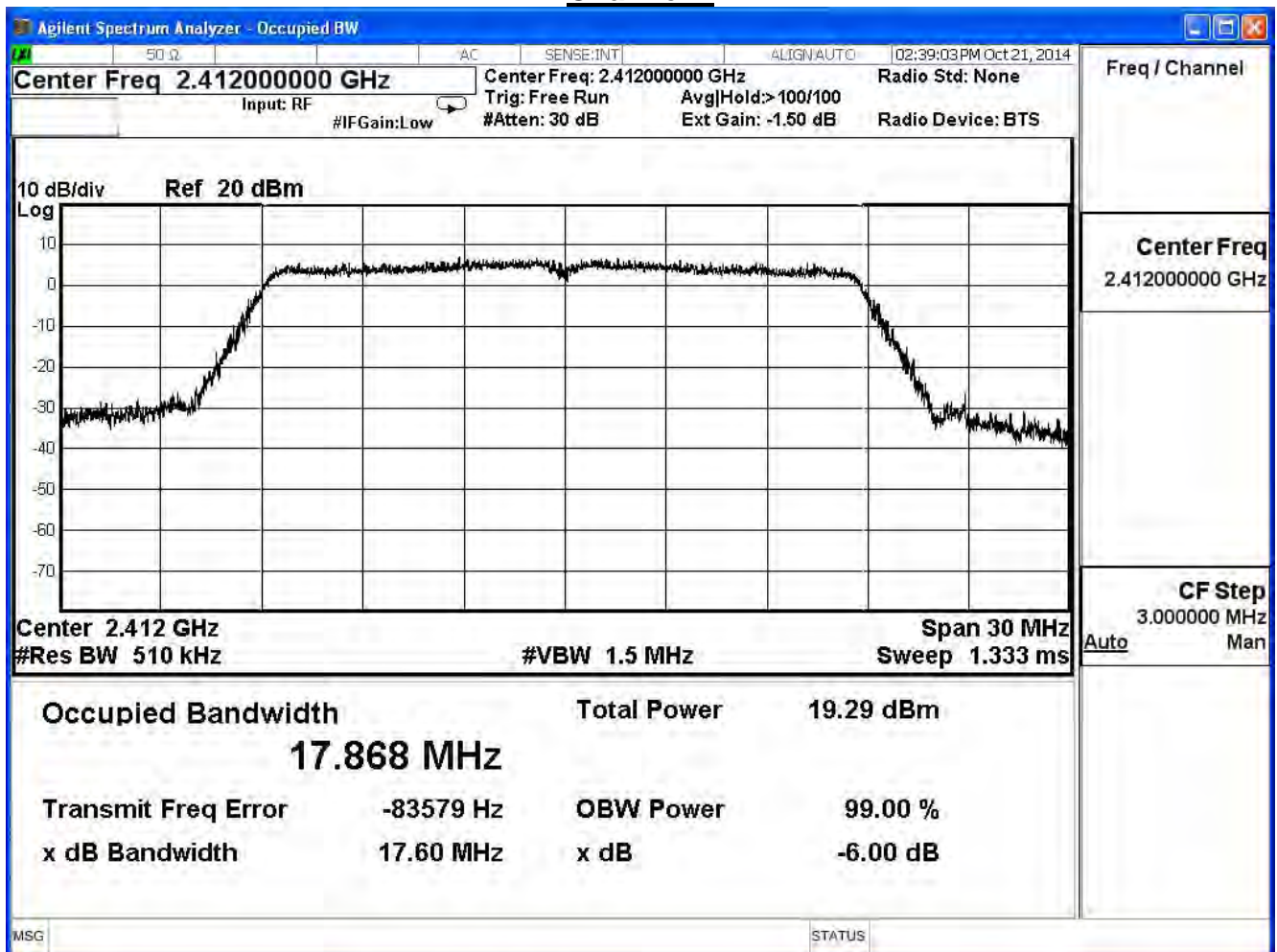
Channel 11



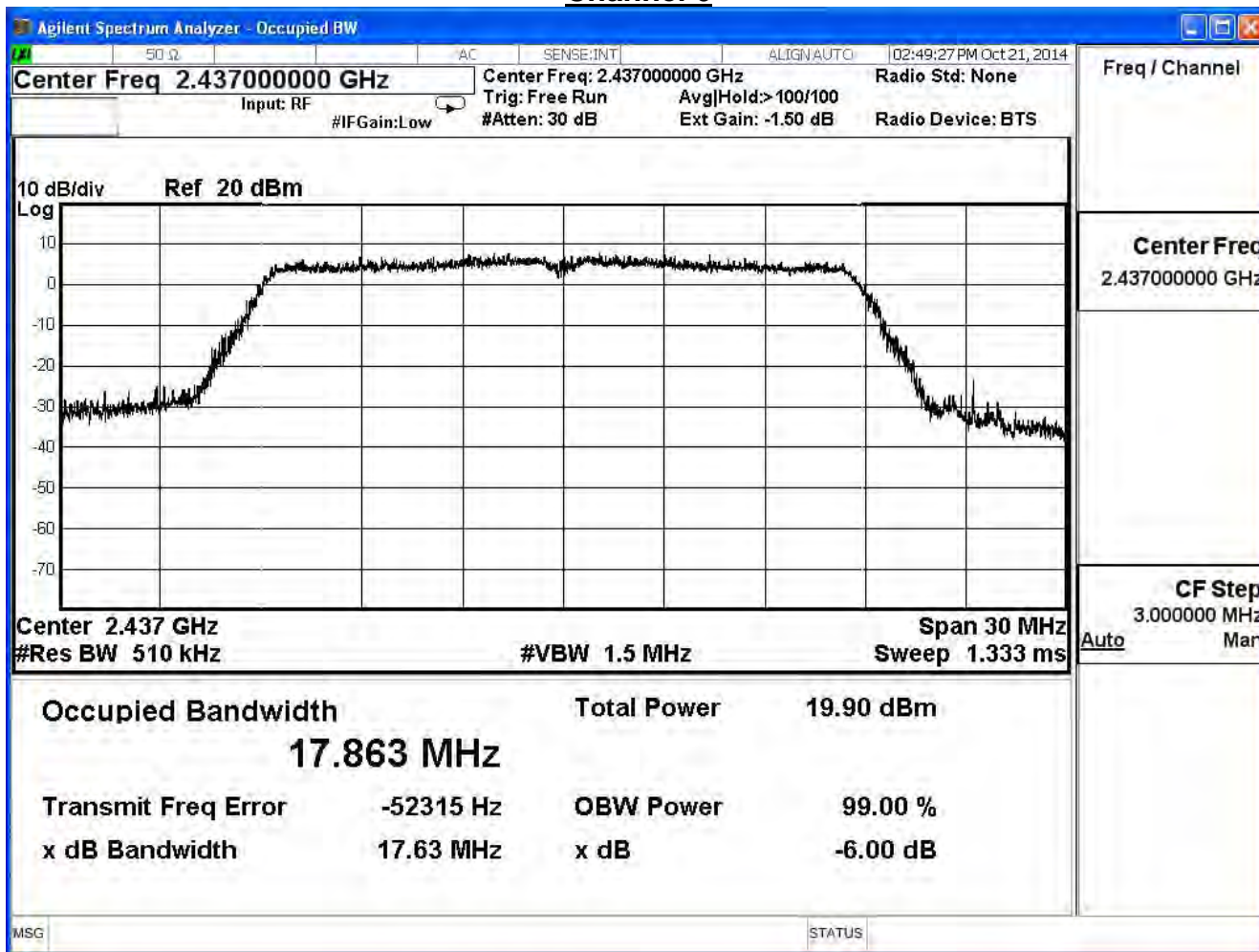
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	DTS Occupied Bandwidth		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.60	≥ 0.5	Pass
6	2437	17.63	≥ 0.5	Pass
11	2462	17.60	≥ 0.5	Pass

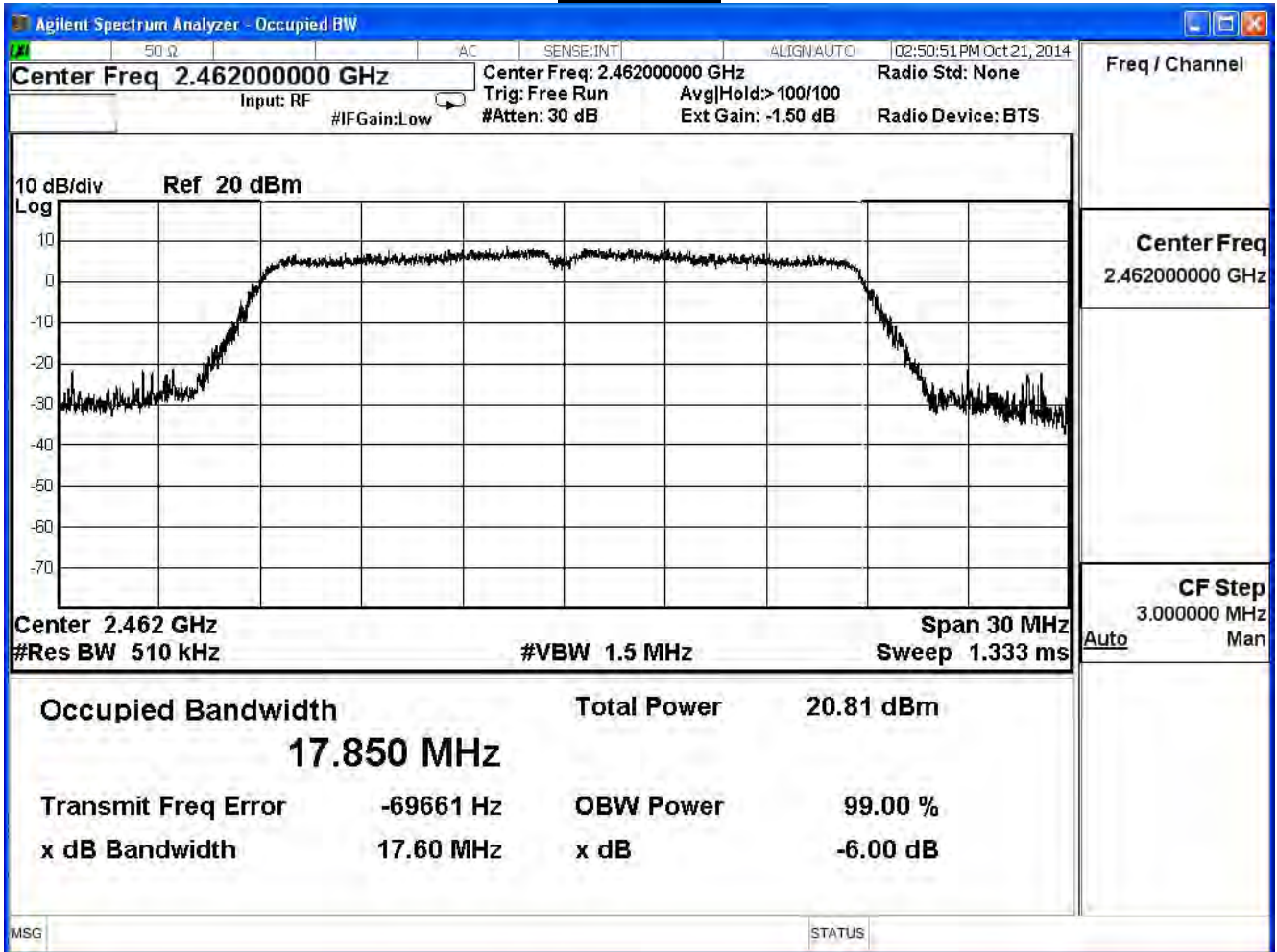
Channel 1



Channel 6



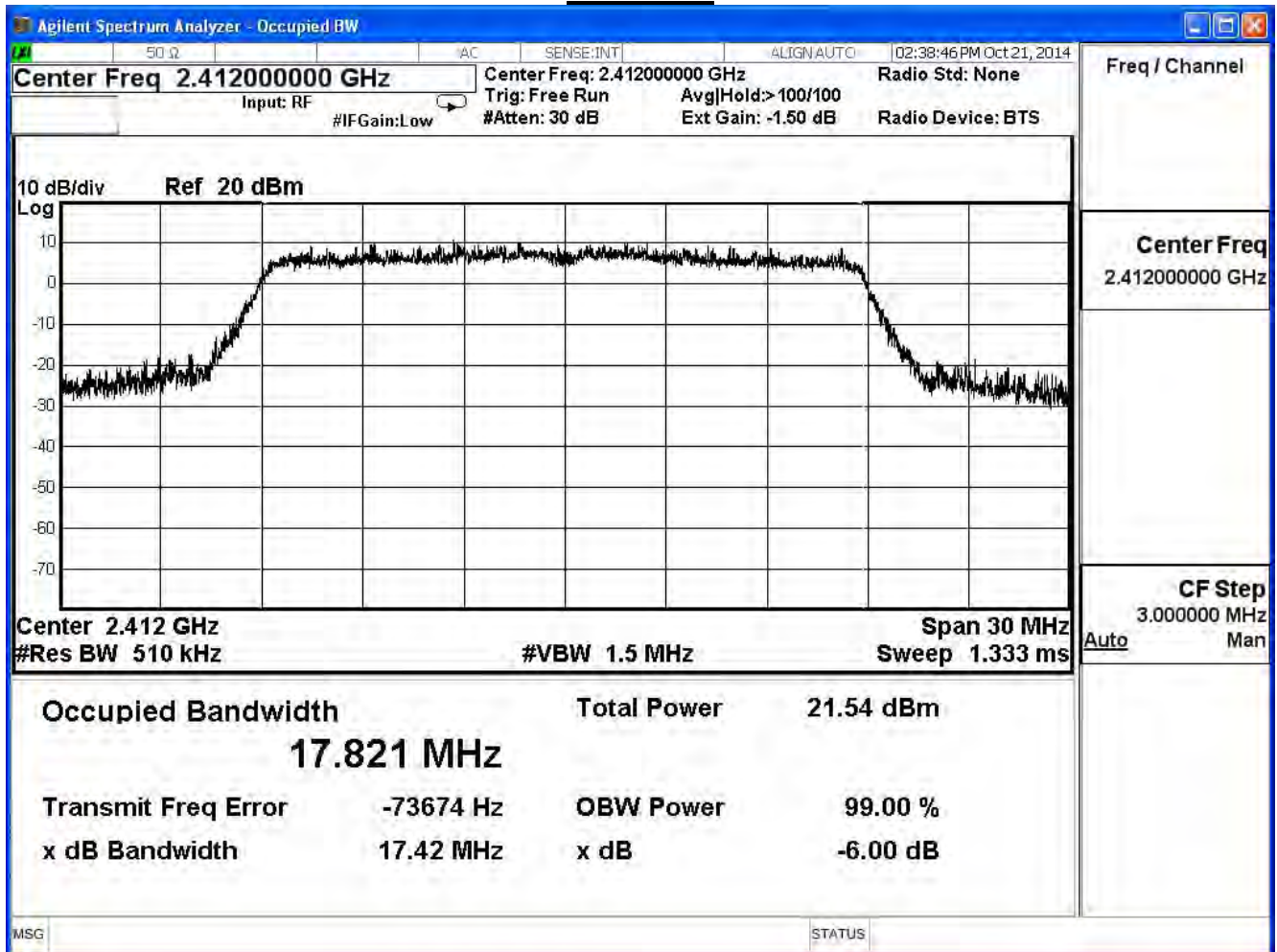
Channel 11



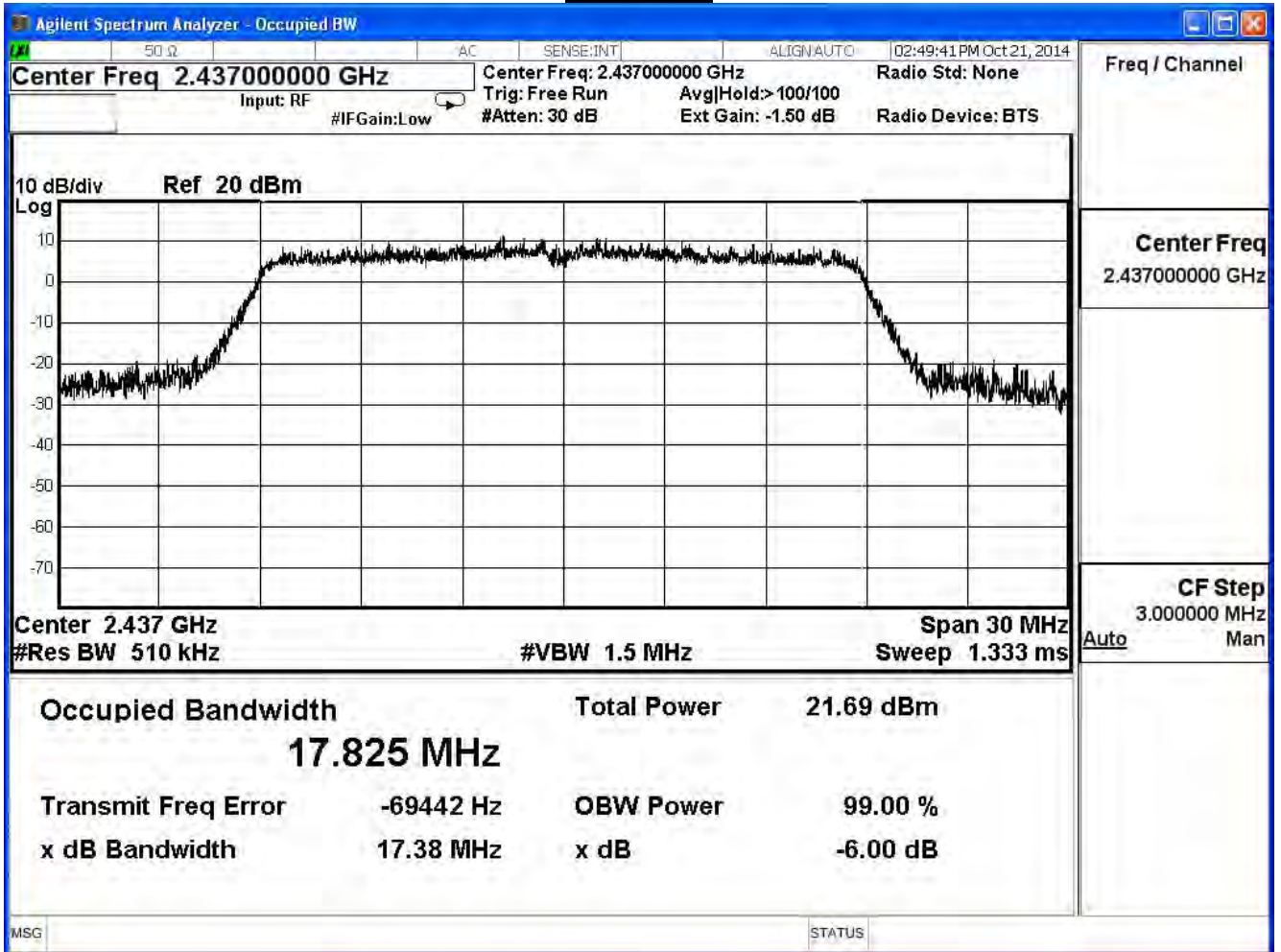
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	DTS Occupied Bandwidth		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.42	≥ 0.5	Pass
6	2437	17.38	≥ 0.5	Pass
11	2462	17.34	≥ 0.5	Pass

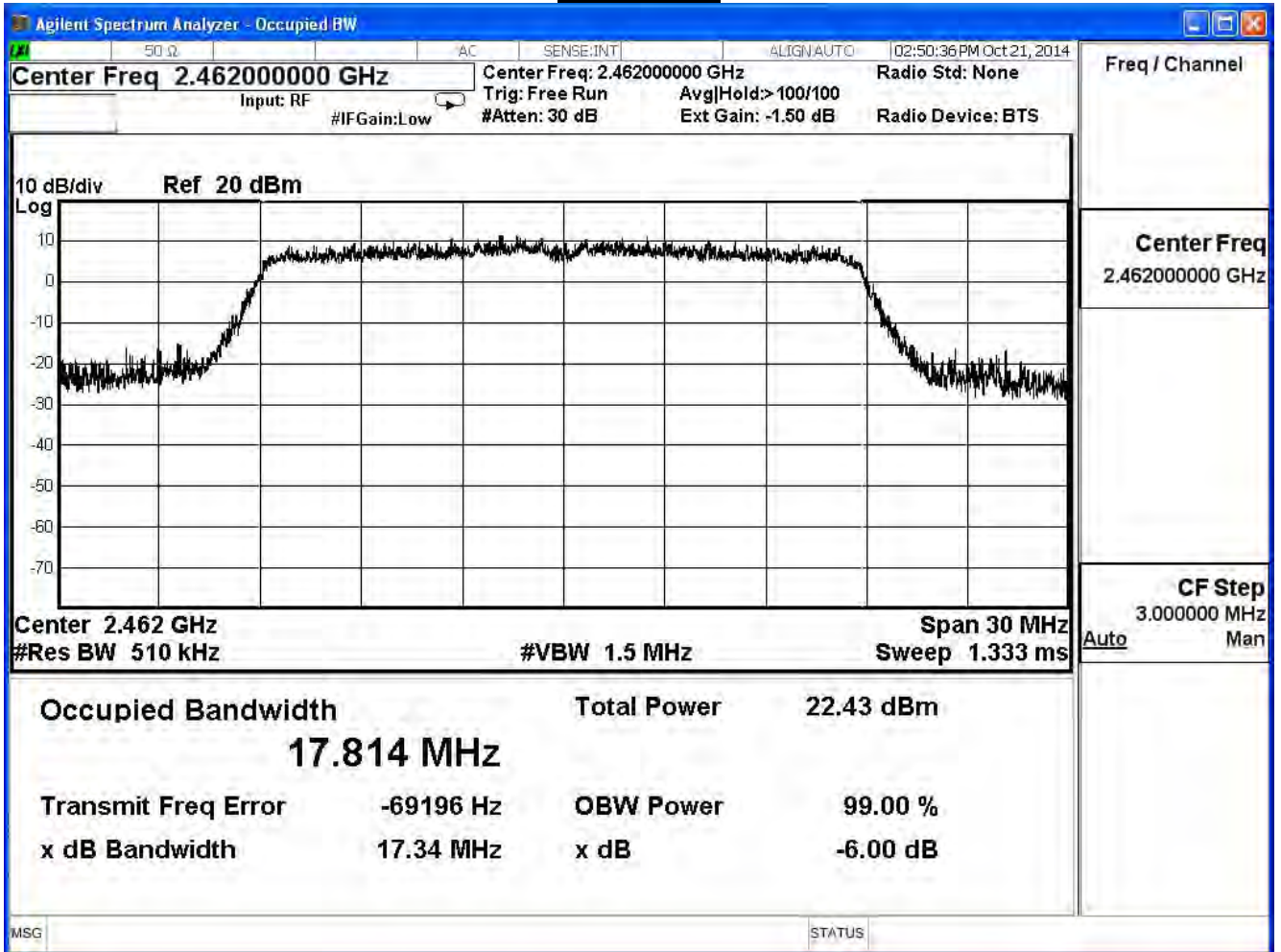
Channel 1



Channel 6



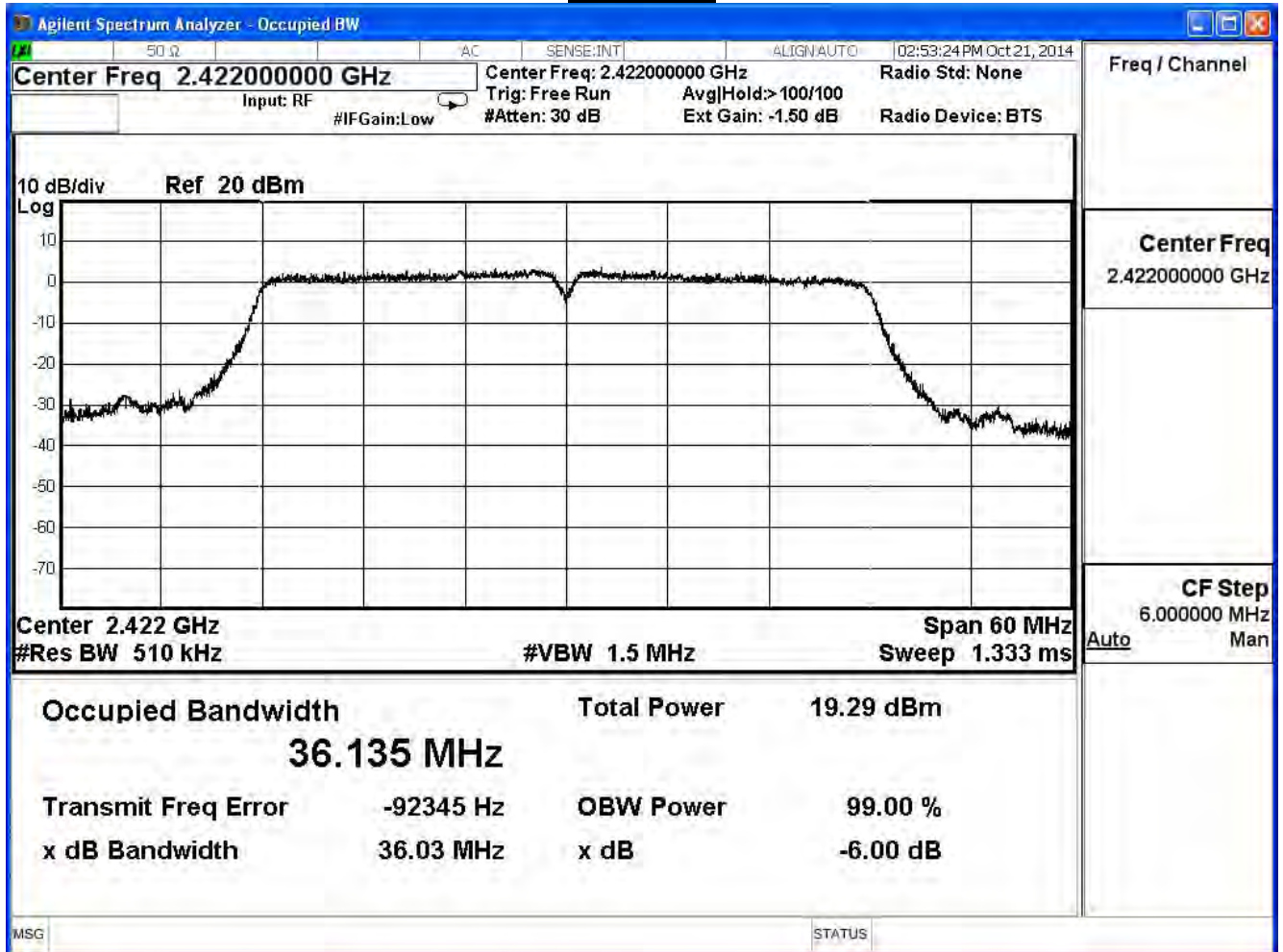
Channel 11



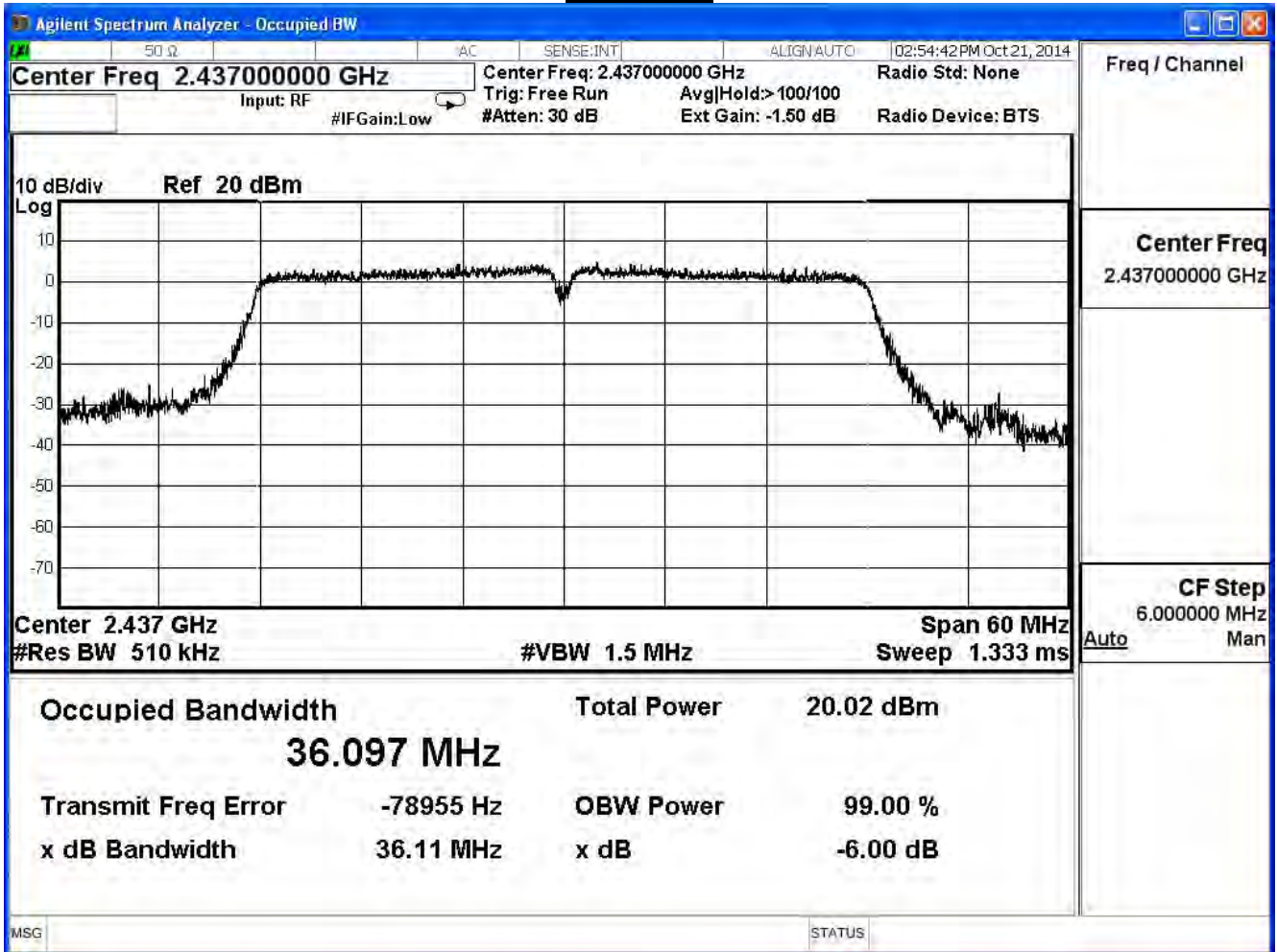
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	DTS Occupied Bandwidth		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.03	≥ 0.5	Pass
6	2437	36.11	≥ 0.5	Pass
9	2452	36.15	≥ 0.5	Pass

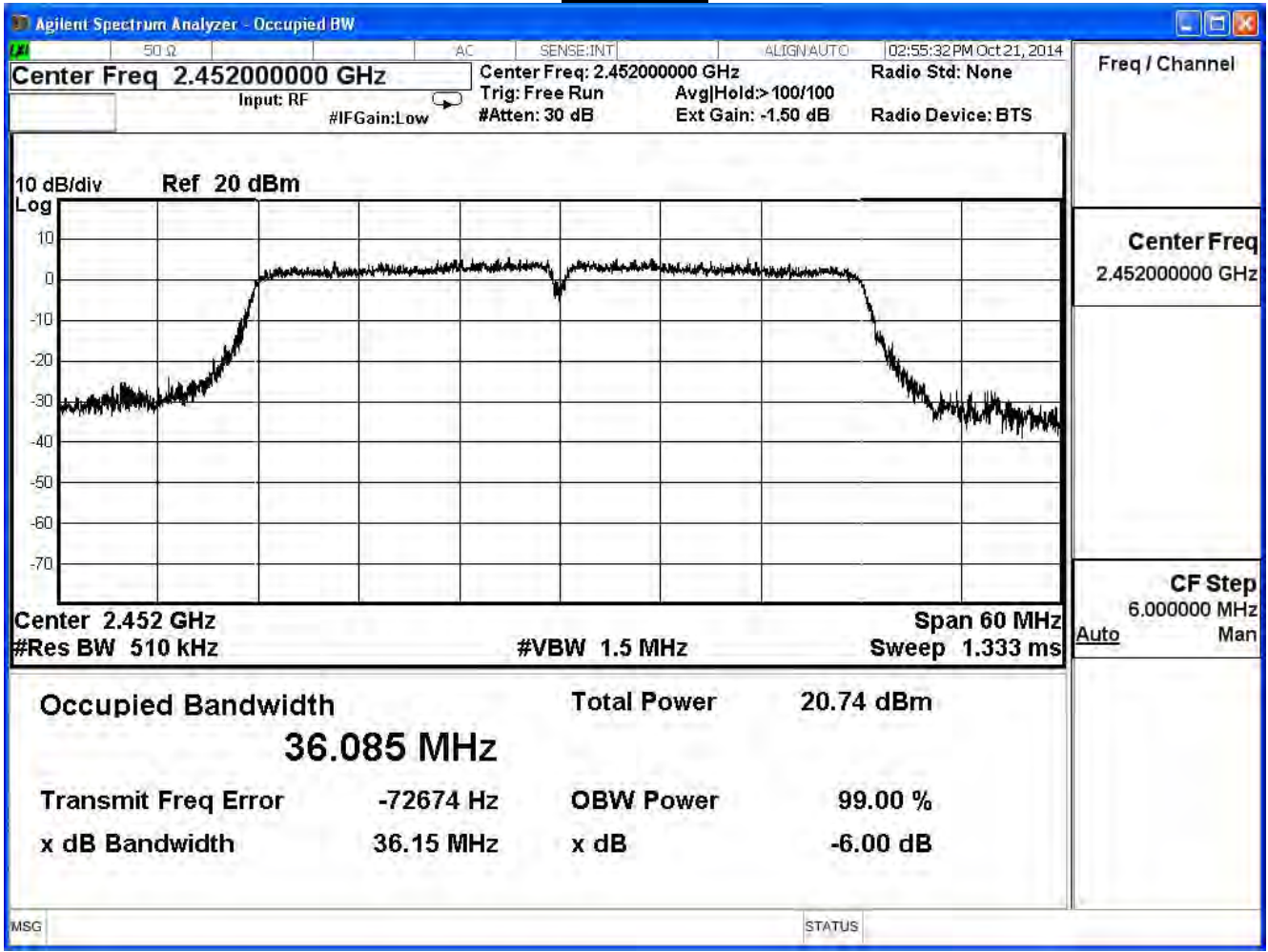
Channel 3



Channel 6



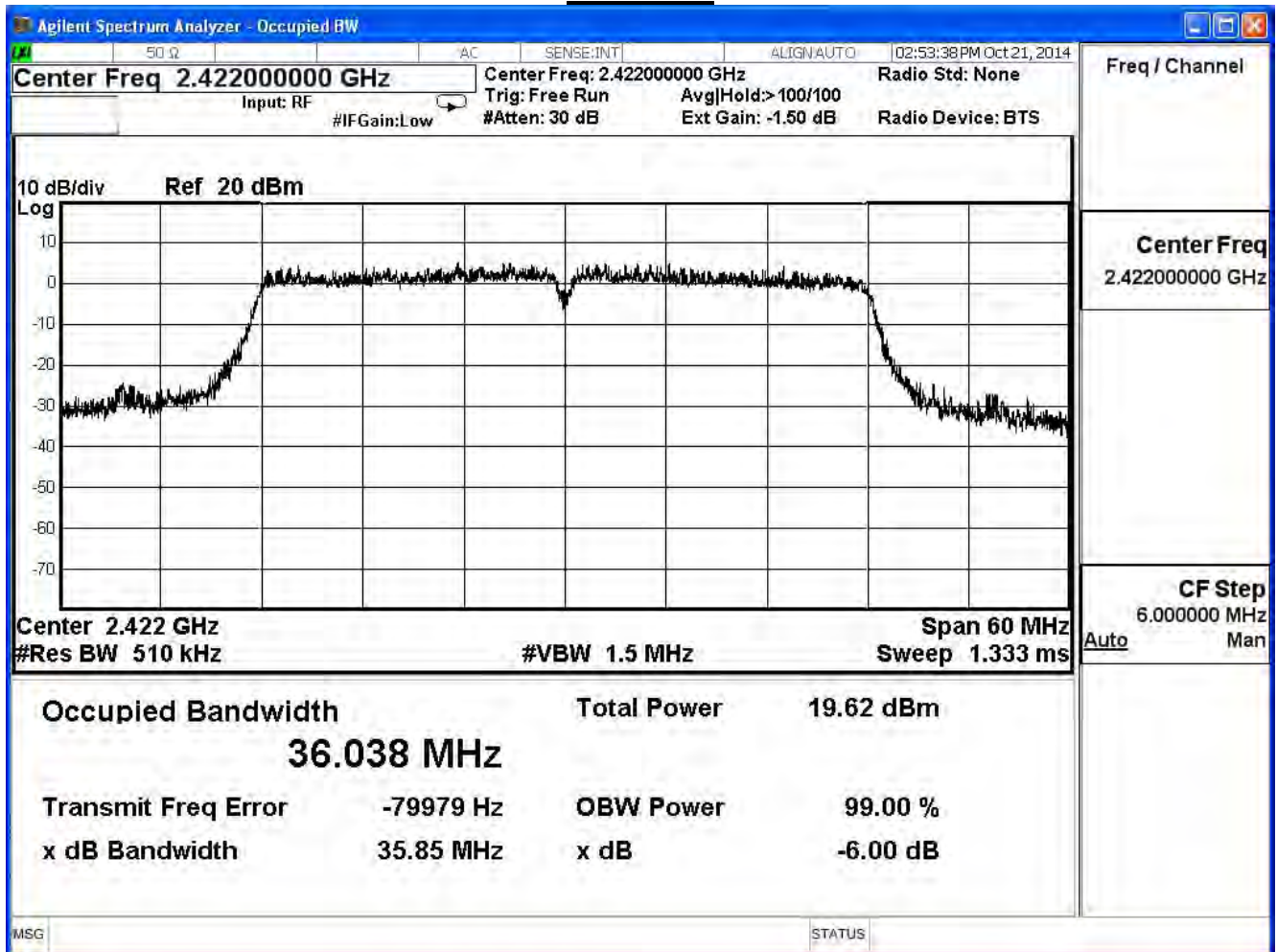
Channel 9



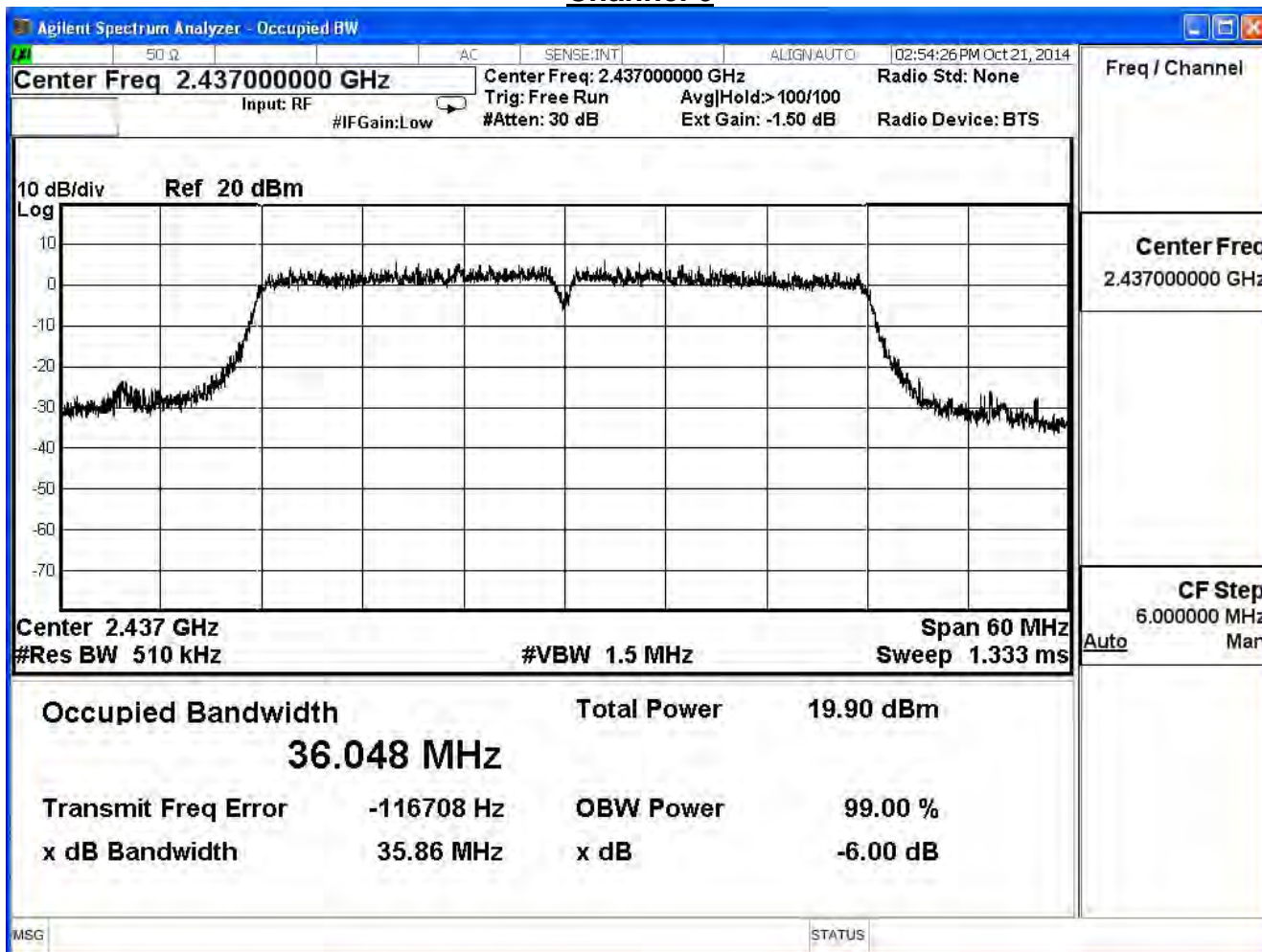
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	DTS Occupied Bandwidth		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/04	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	35.85	≥ 0.5	Pass
6	2437	35.86	≥ 0.5	Pass
9	2452	35.60	≥ 0.5	Pass

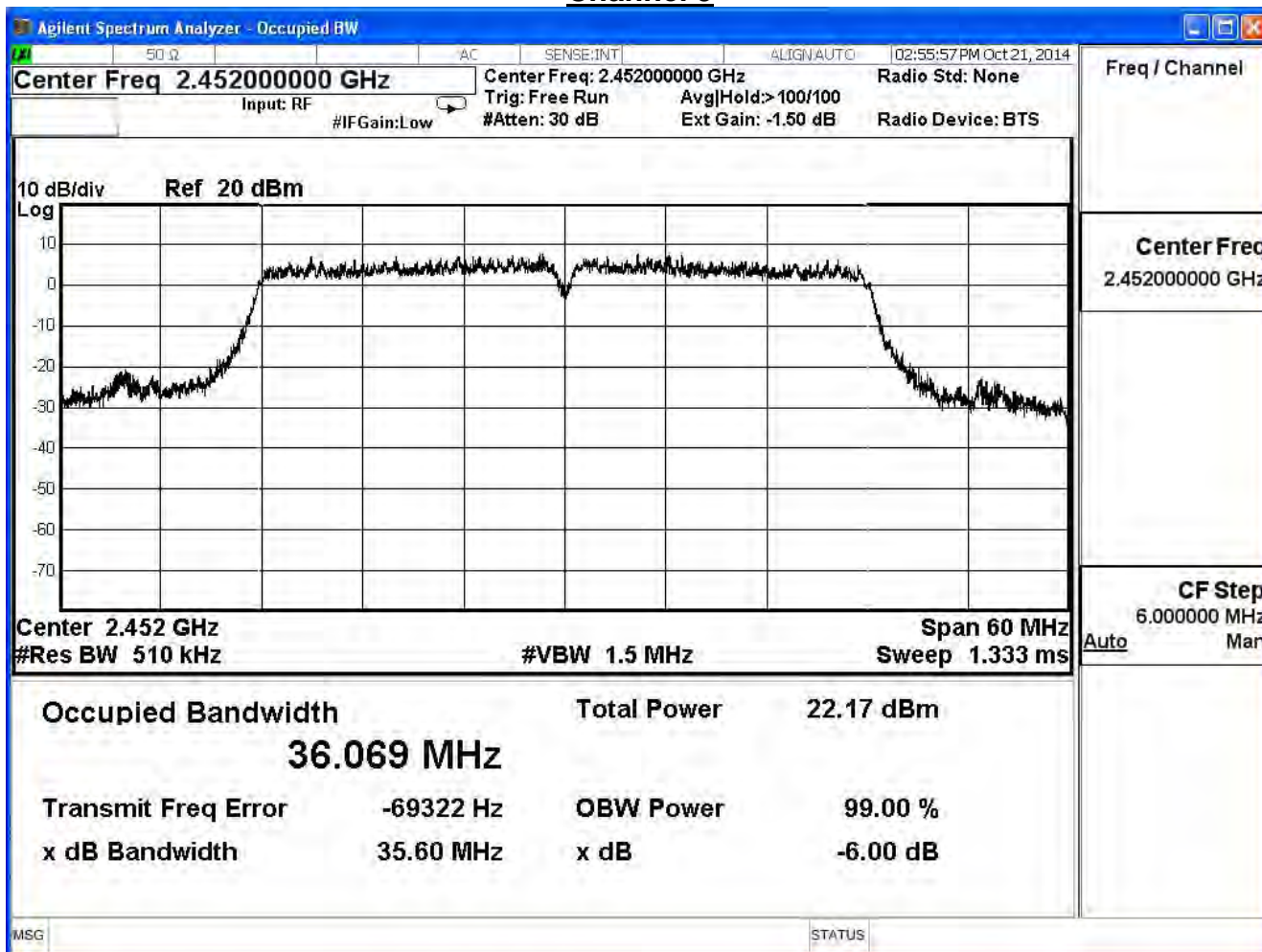
Channel 3



Channel 6



Channel 9



8. Occupied Bandwidth

8.1. Test Equipment

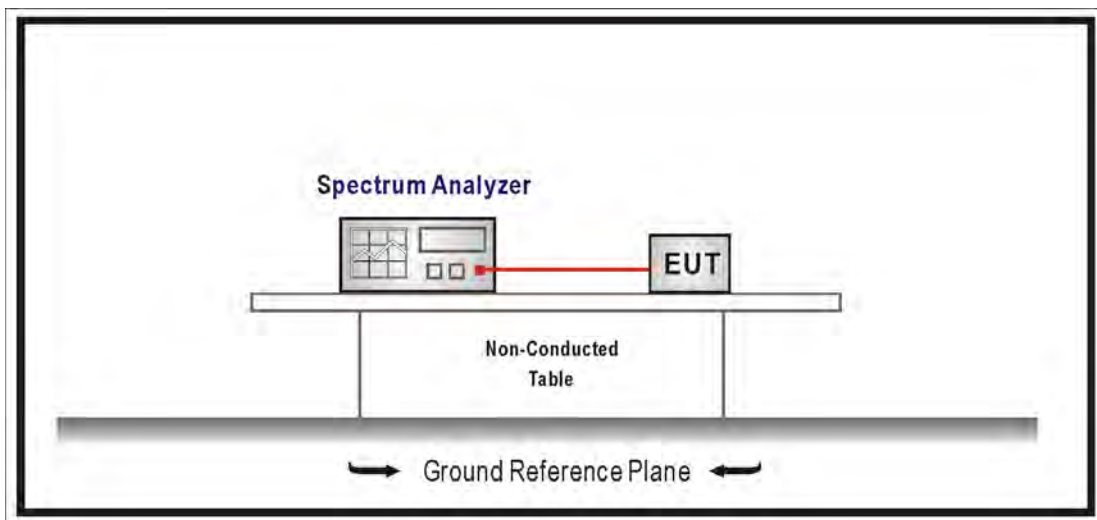
The following test equipments are used during the radiated emission tests:

Occupied Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

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

8.2. Test Setup



8.3. Limits

No Required

8.4. Uncertainty

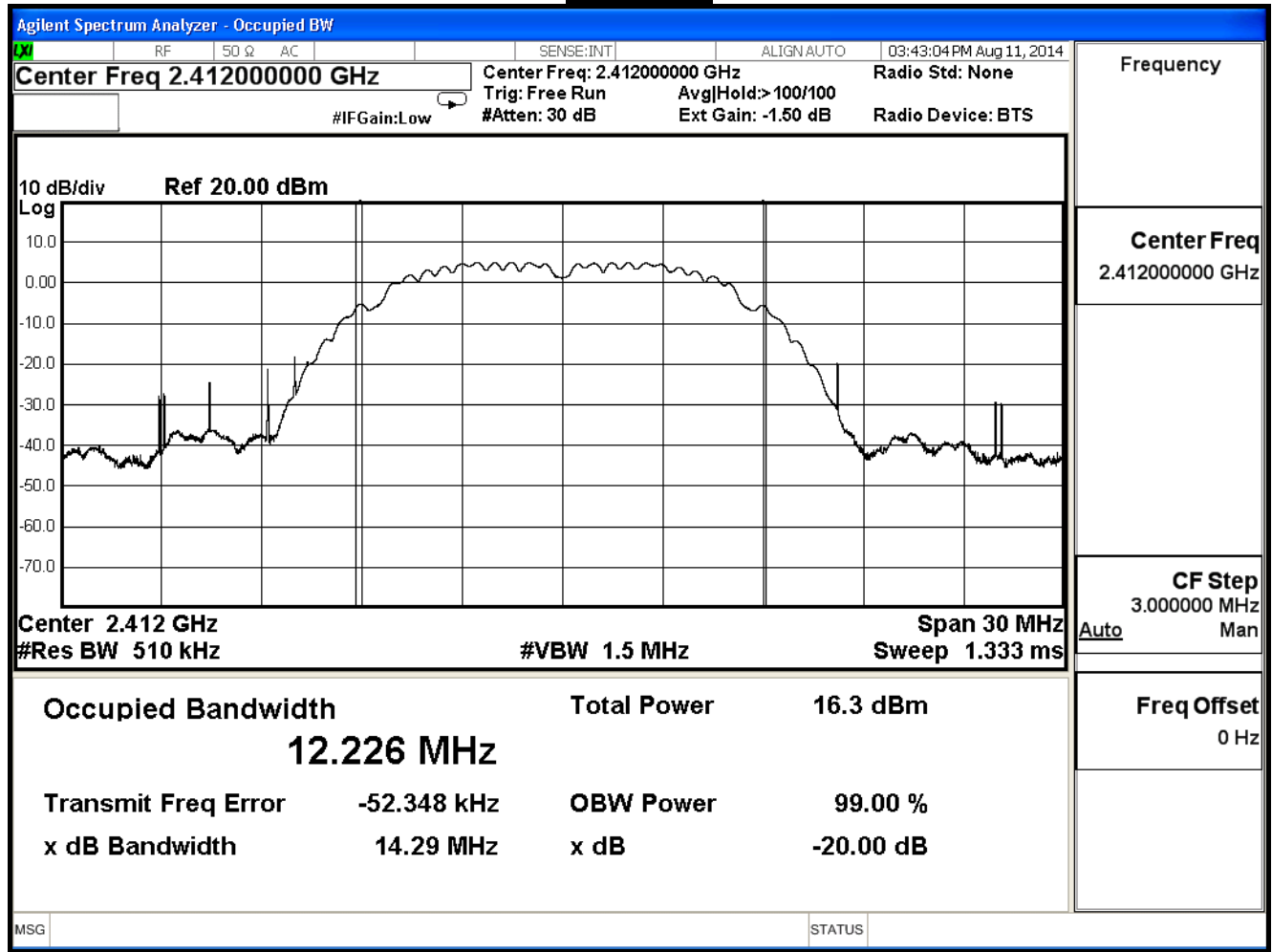
± 150Hz

8.5. Test Result

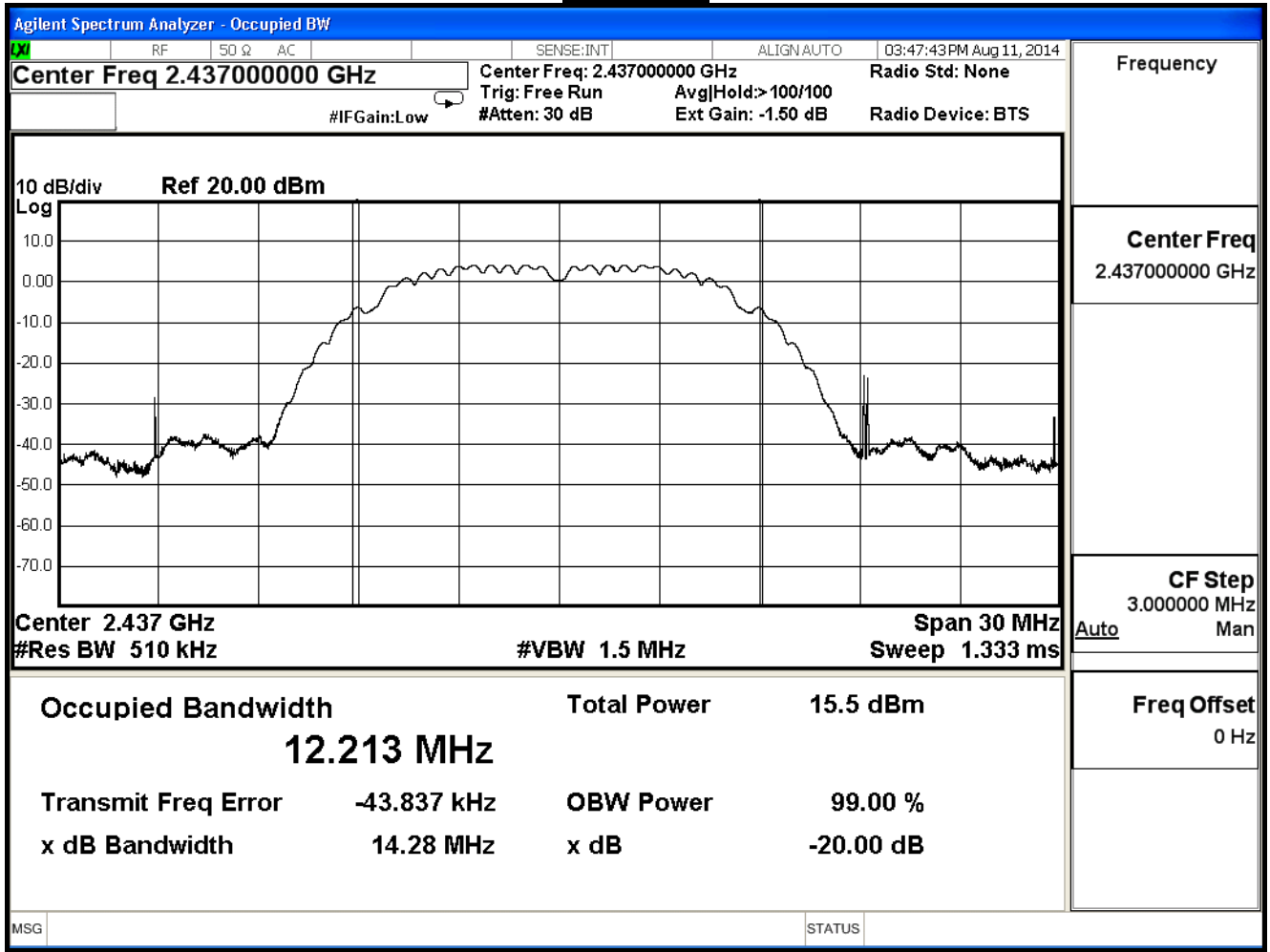
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/11	Test Site	SR7

802.11 b (ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	12.226	--	Pass
6	2437	12.213	--	Pass
11	2462	12.205	--	Pass

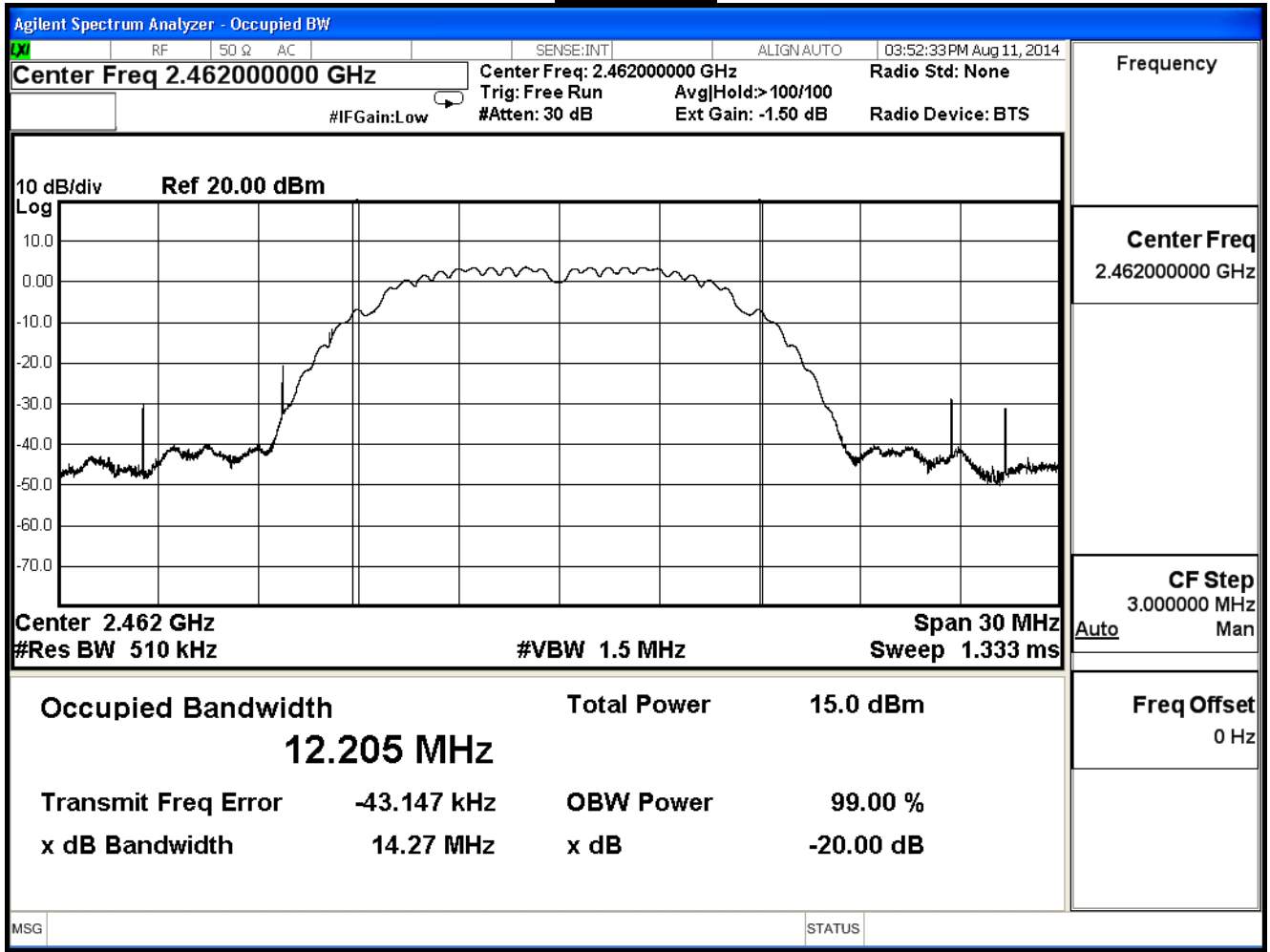
Channel 1



Channel 6



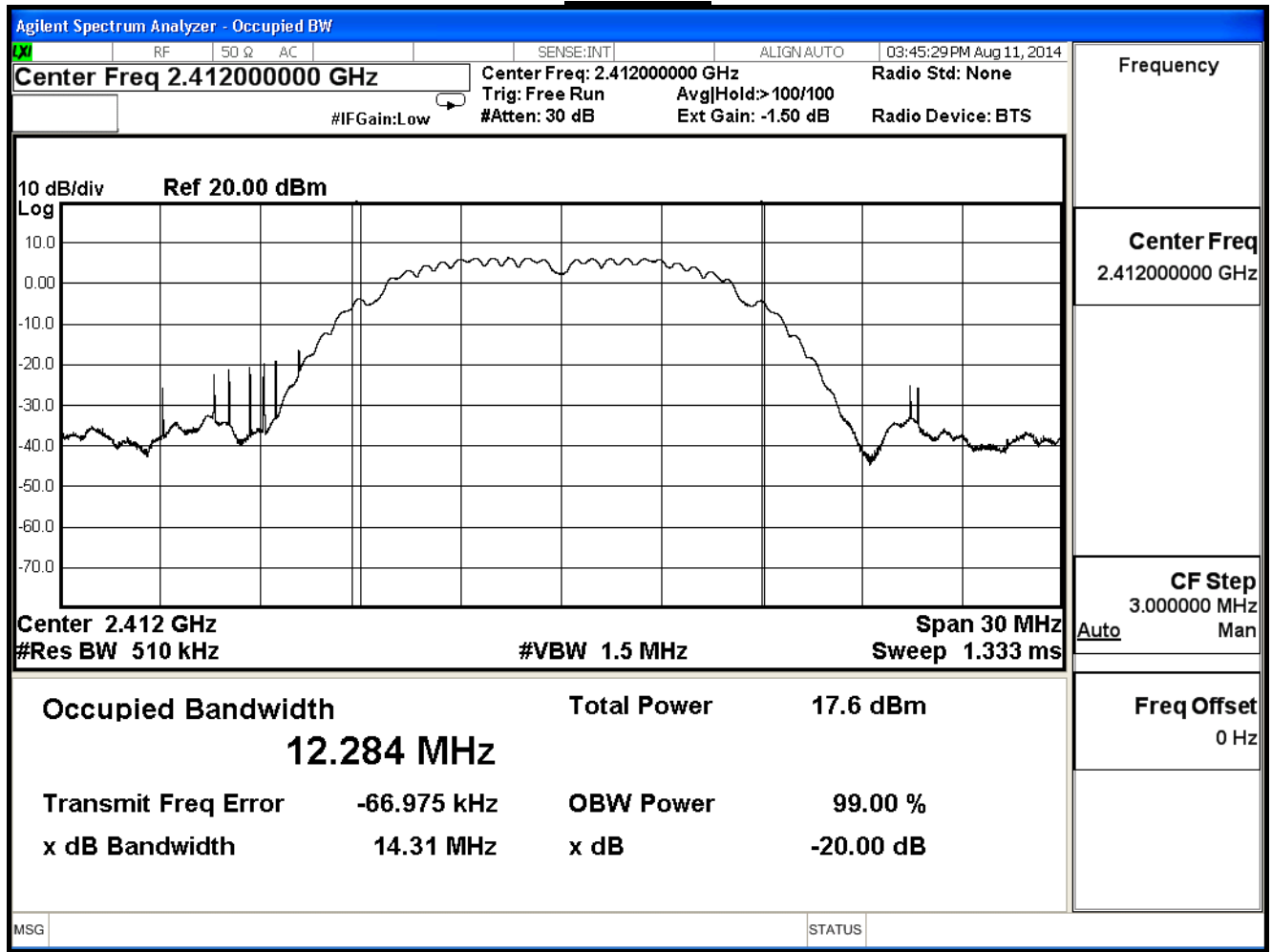
Channel 11



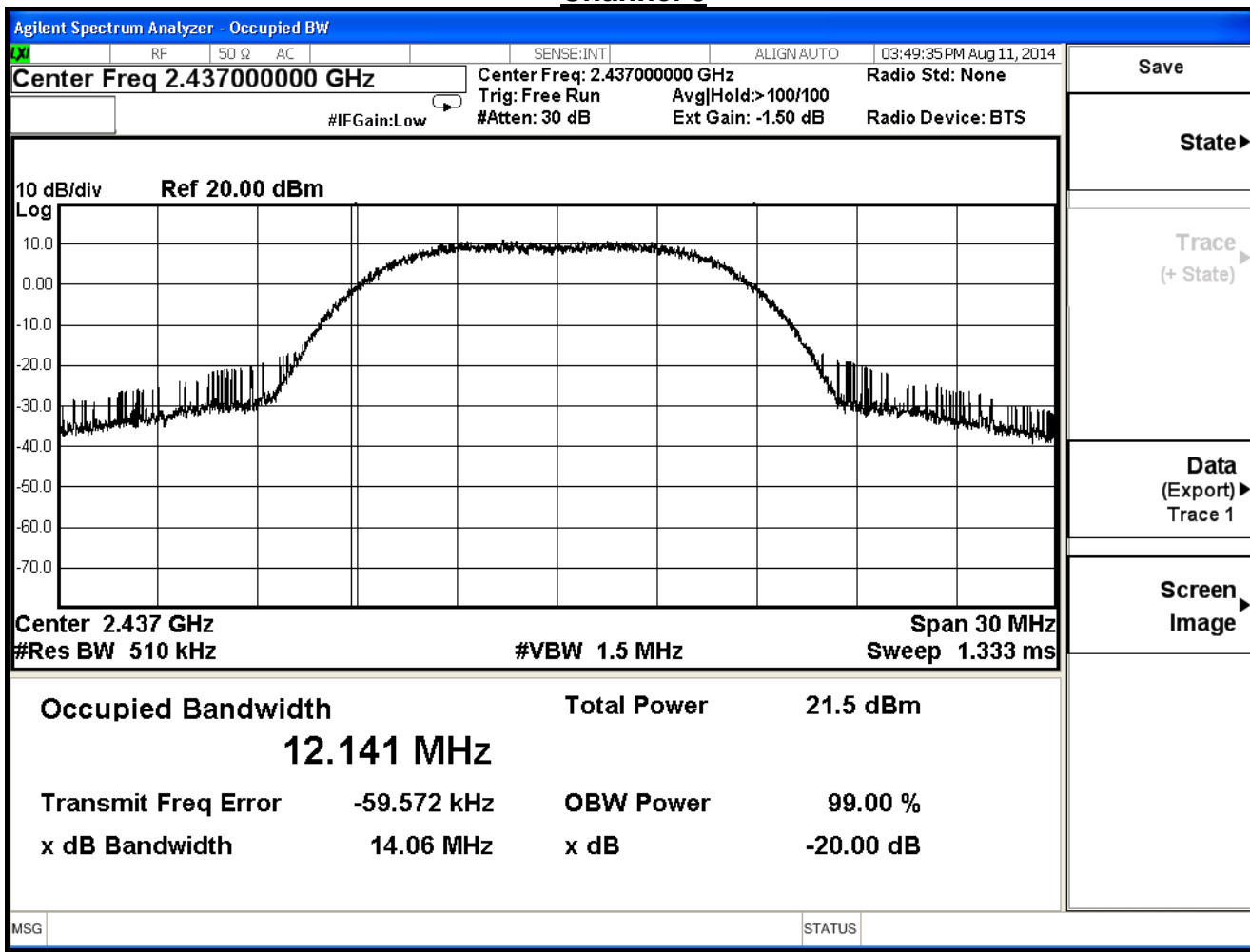
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/11	Test Site	SR7

802.11 b (ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	12.284	--	Pass
6	2437	12.141	--	Pass
11	2462	12.251	--	Pass

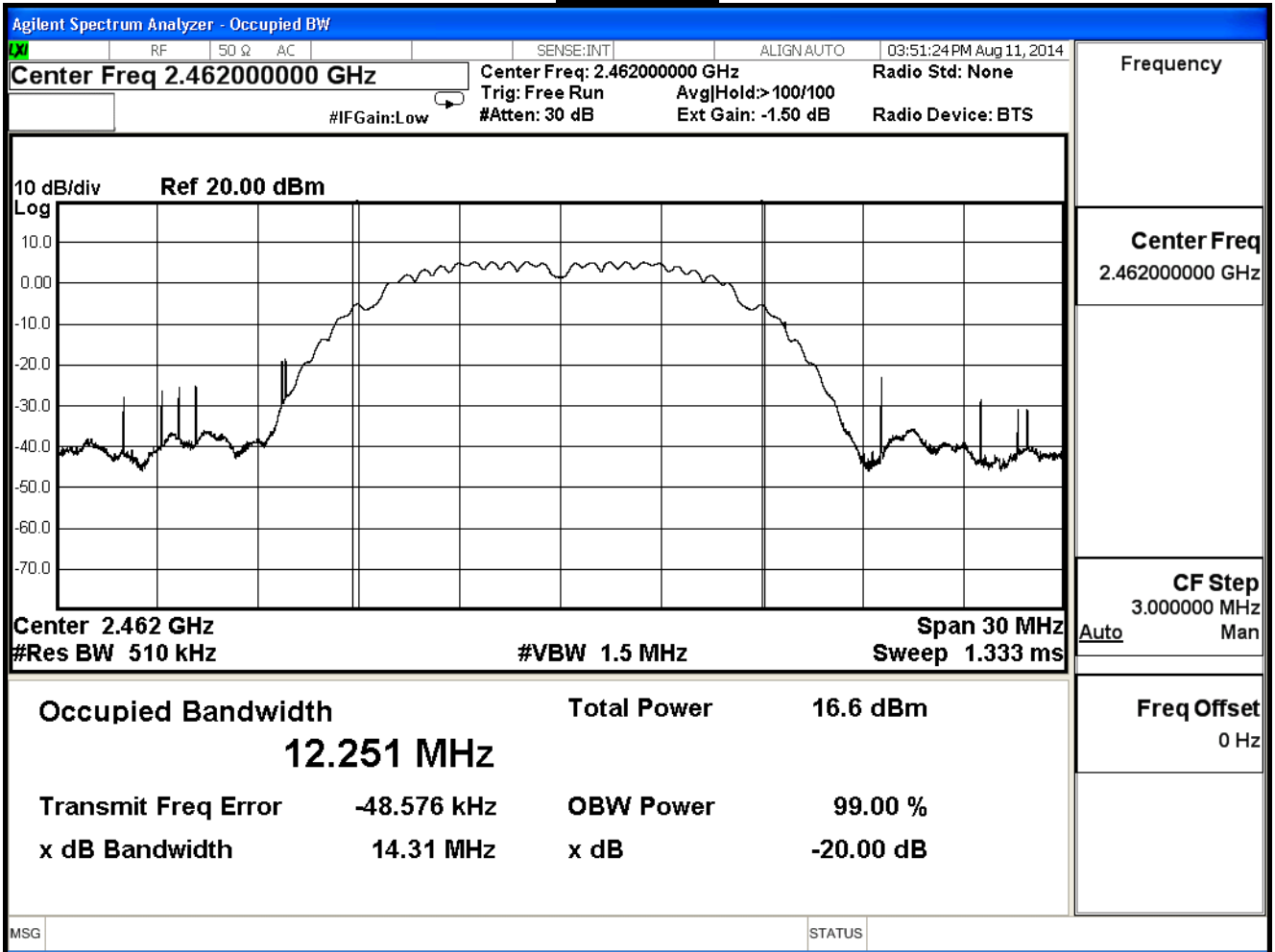
Channel 1



Channel 6



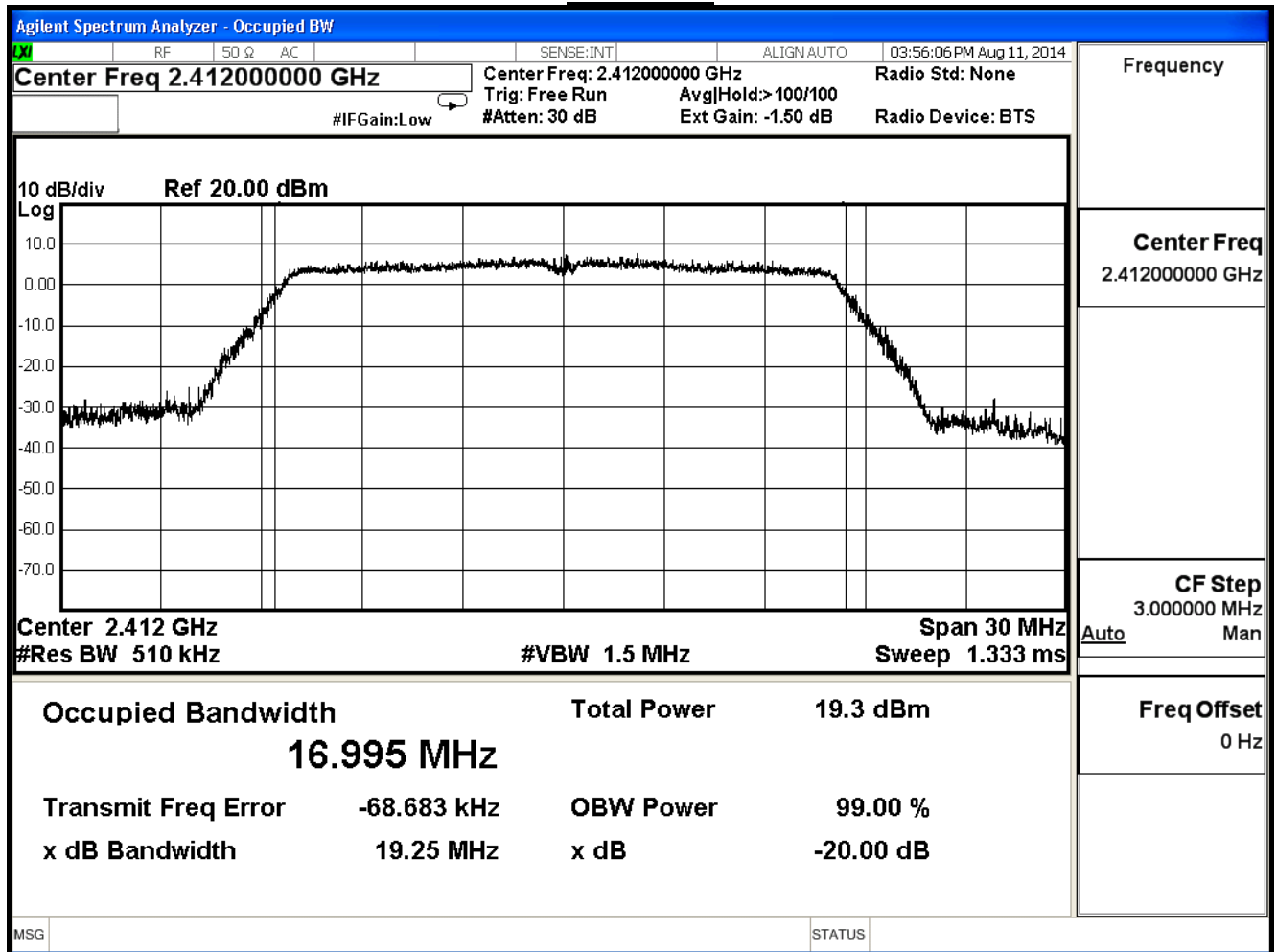
Channel 11



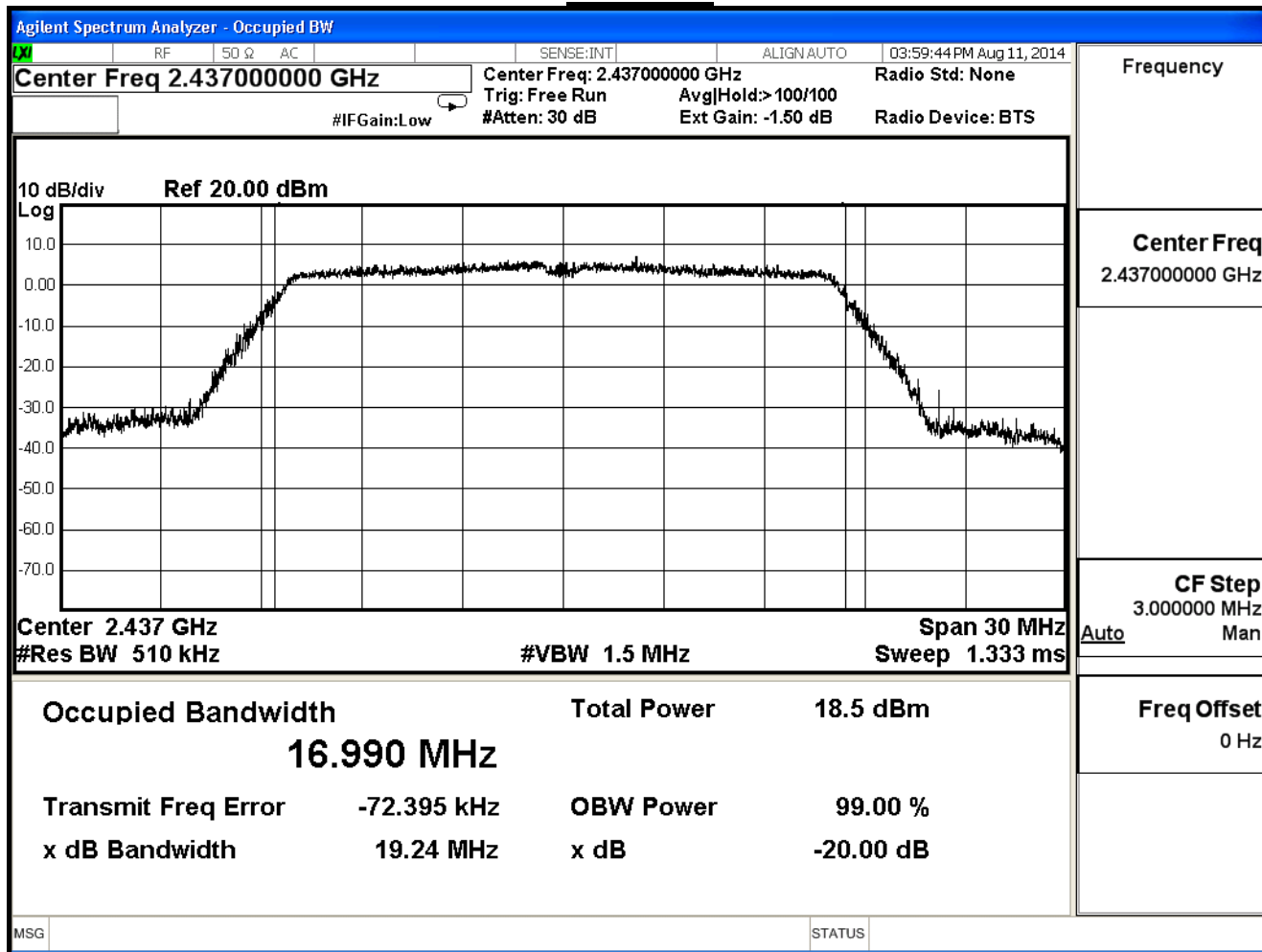
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/11	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	16.995	--	Pass
6	2437	16.990	--	Pass
11	2462	17.122	--	Pass

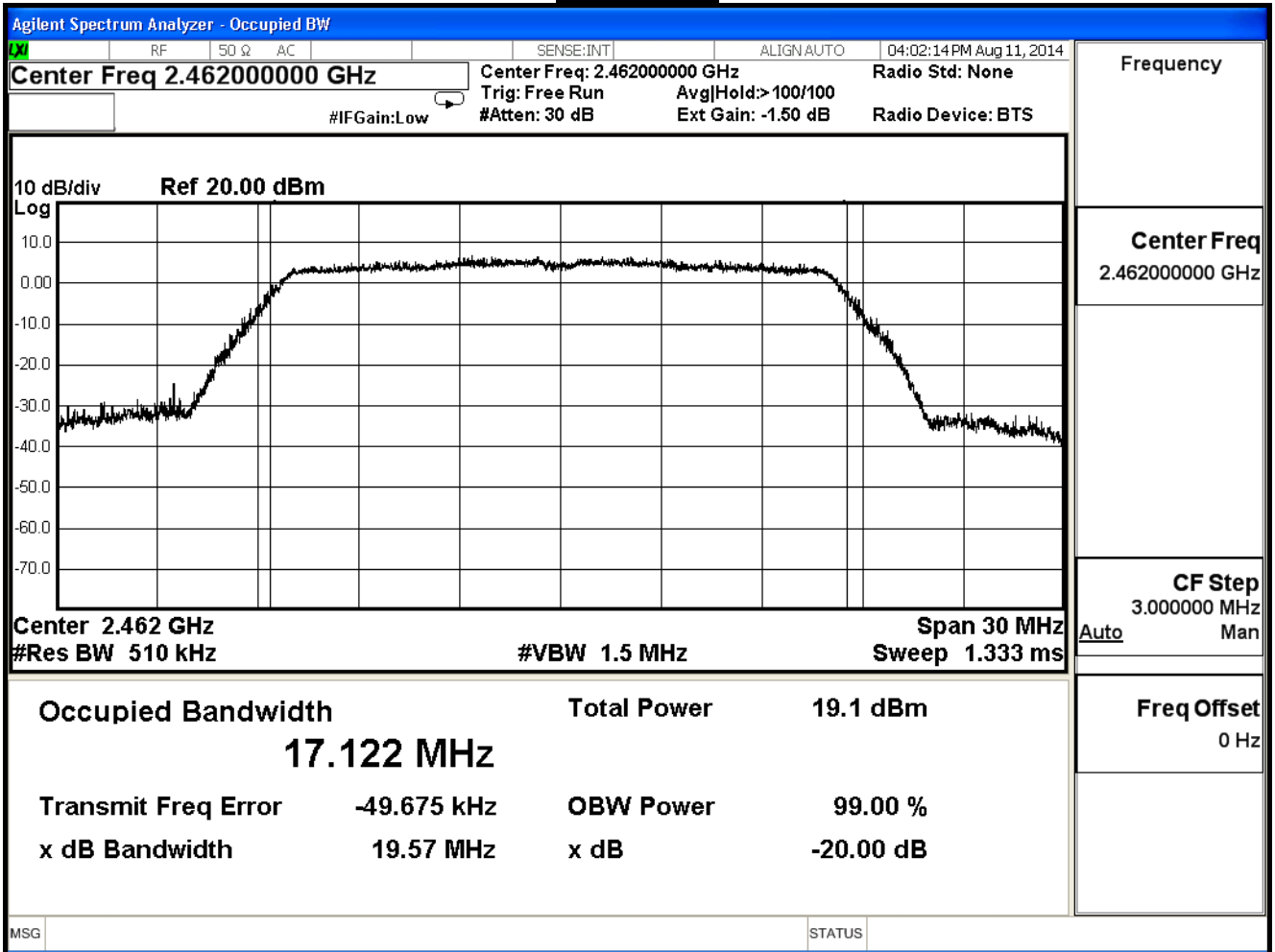
Channel 1



Channel 6



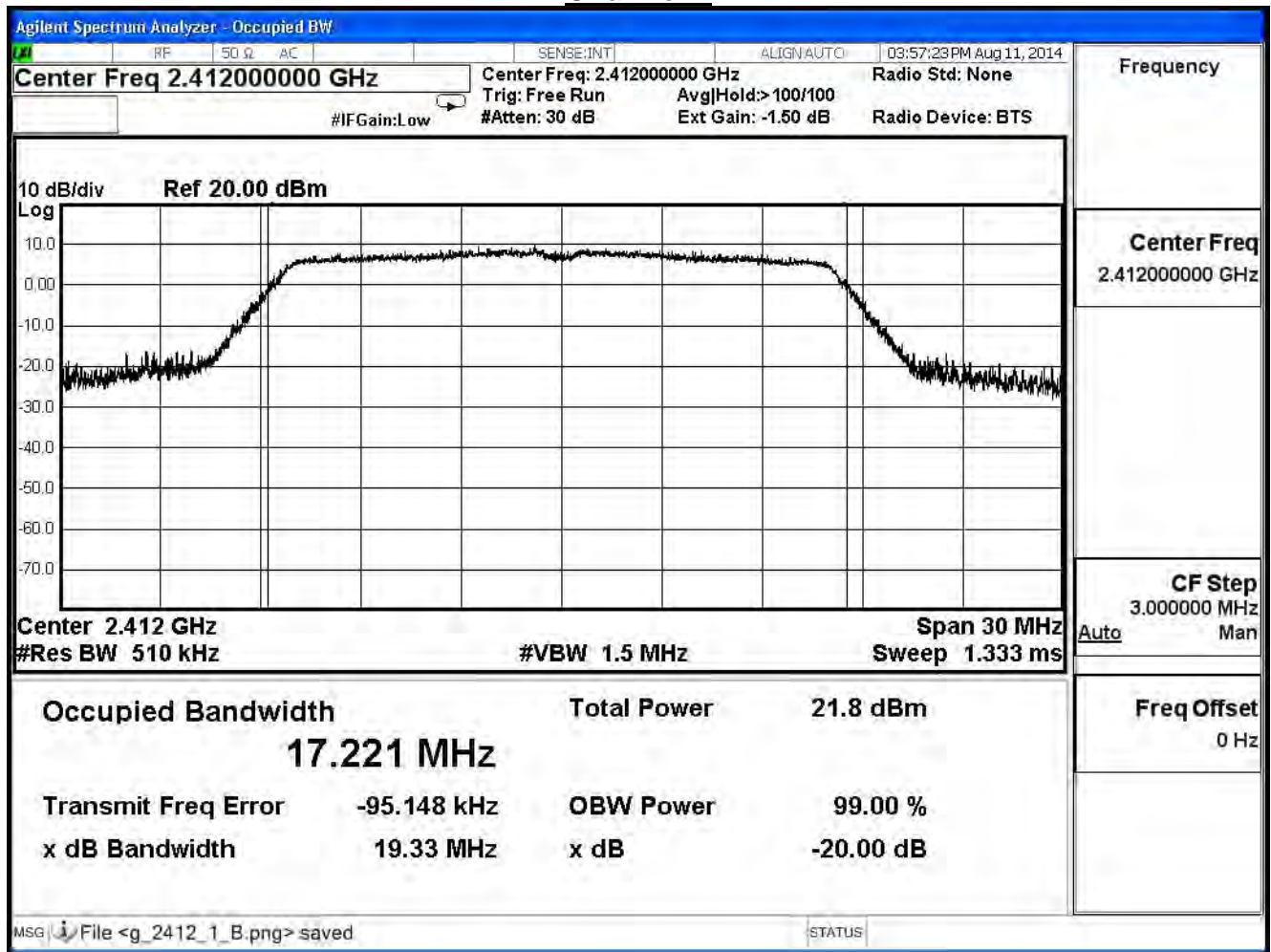
Channel 11



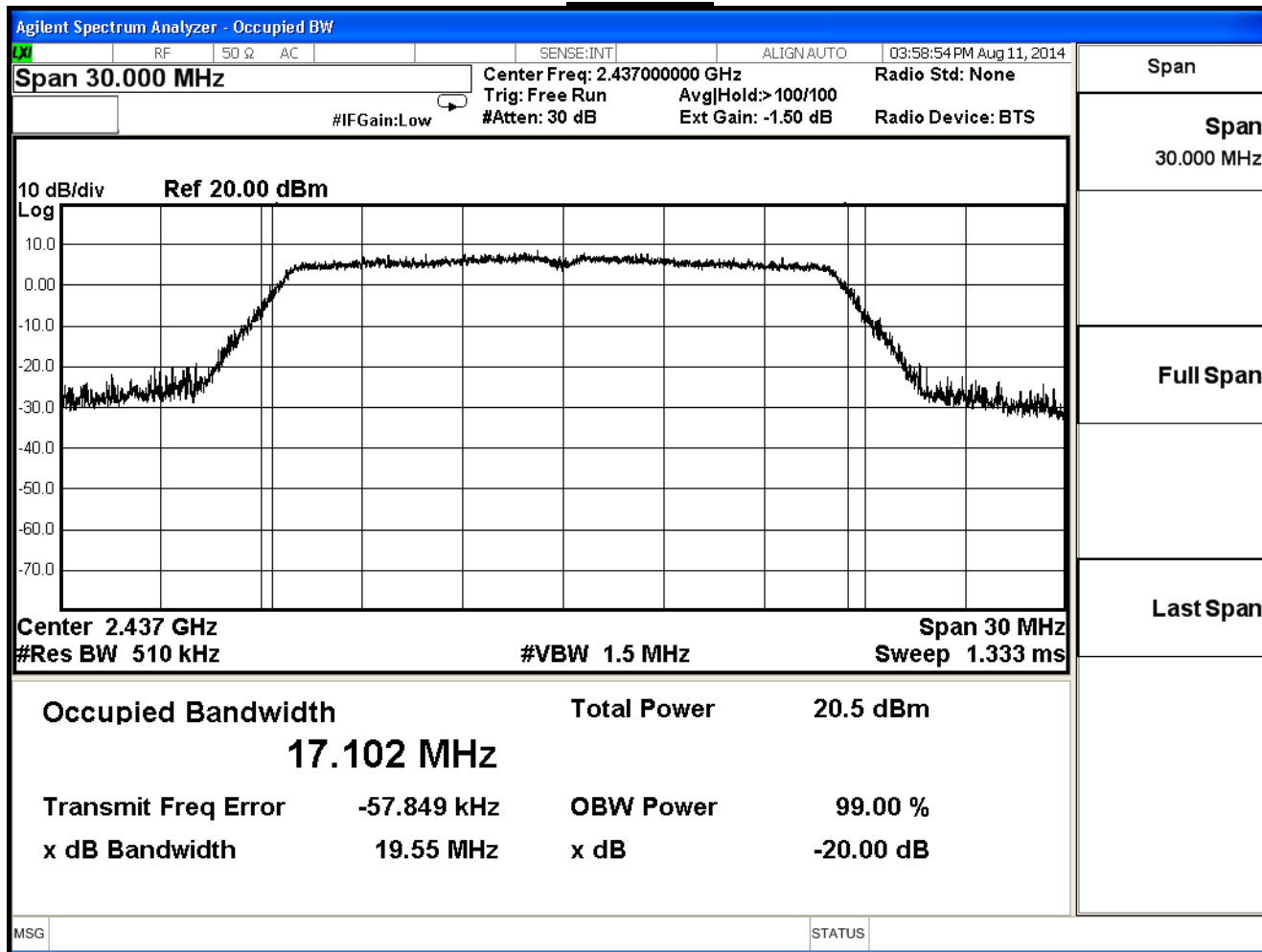
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (CDD Mode)		
Date of Test	2014/08/11	Test Site	SR7

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.221	--	Pass
6	2437	17.102	--	Pass
11	2462	17.059	--	Pass

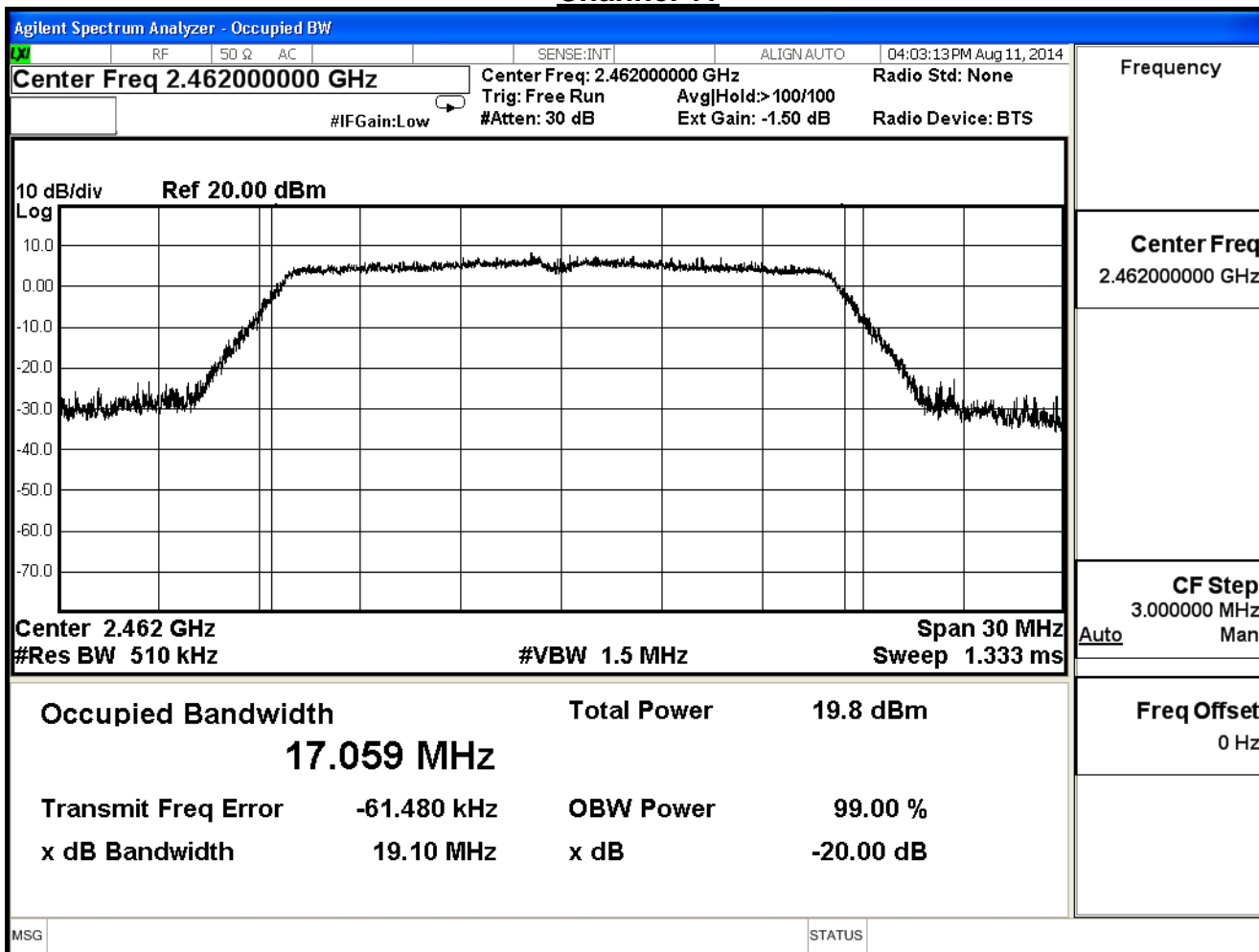
Channel 1



Channel 6



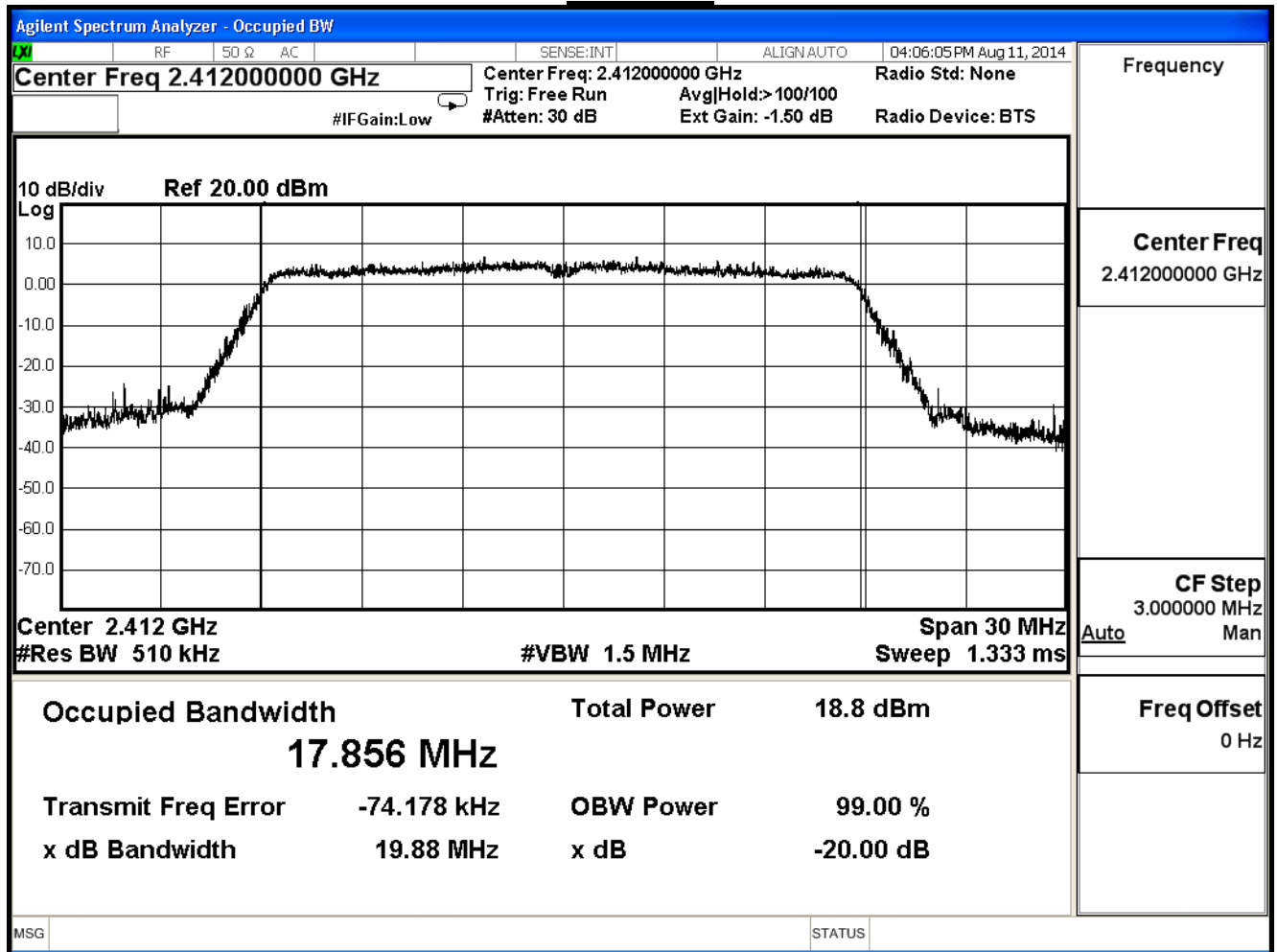
Channel 11



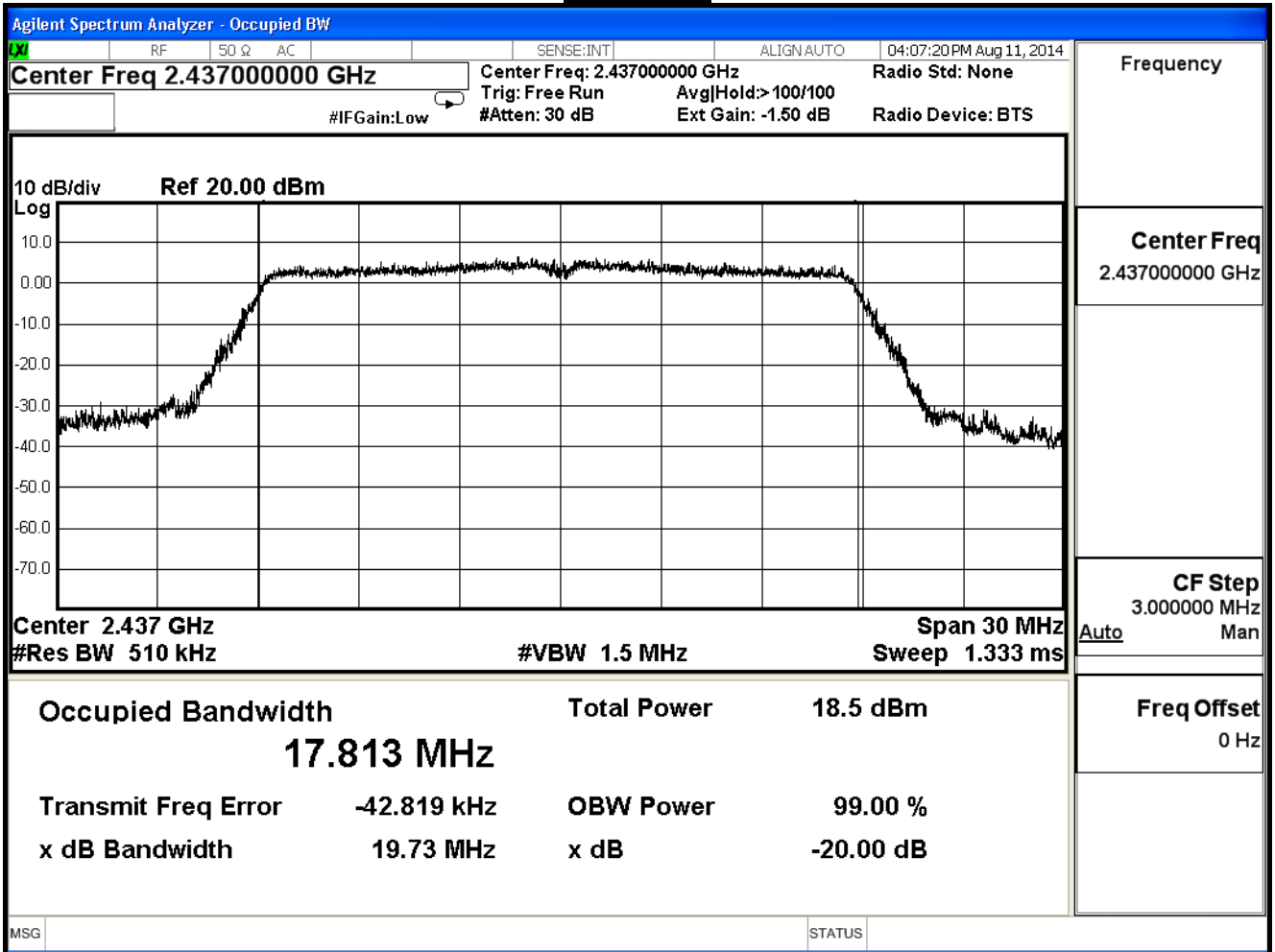
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/11	Test Site	SR7

IEEE 802.11n (20MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.856	--	Pass
6	2437	17.813	--	Pass
11	2462	17.873	--	Pass

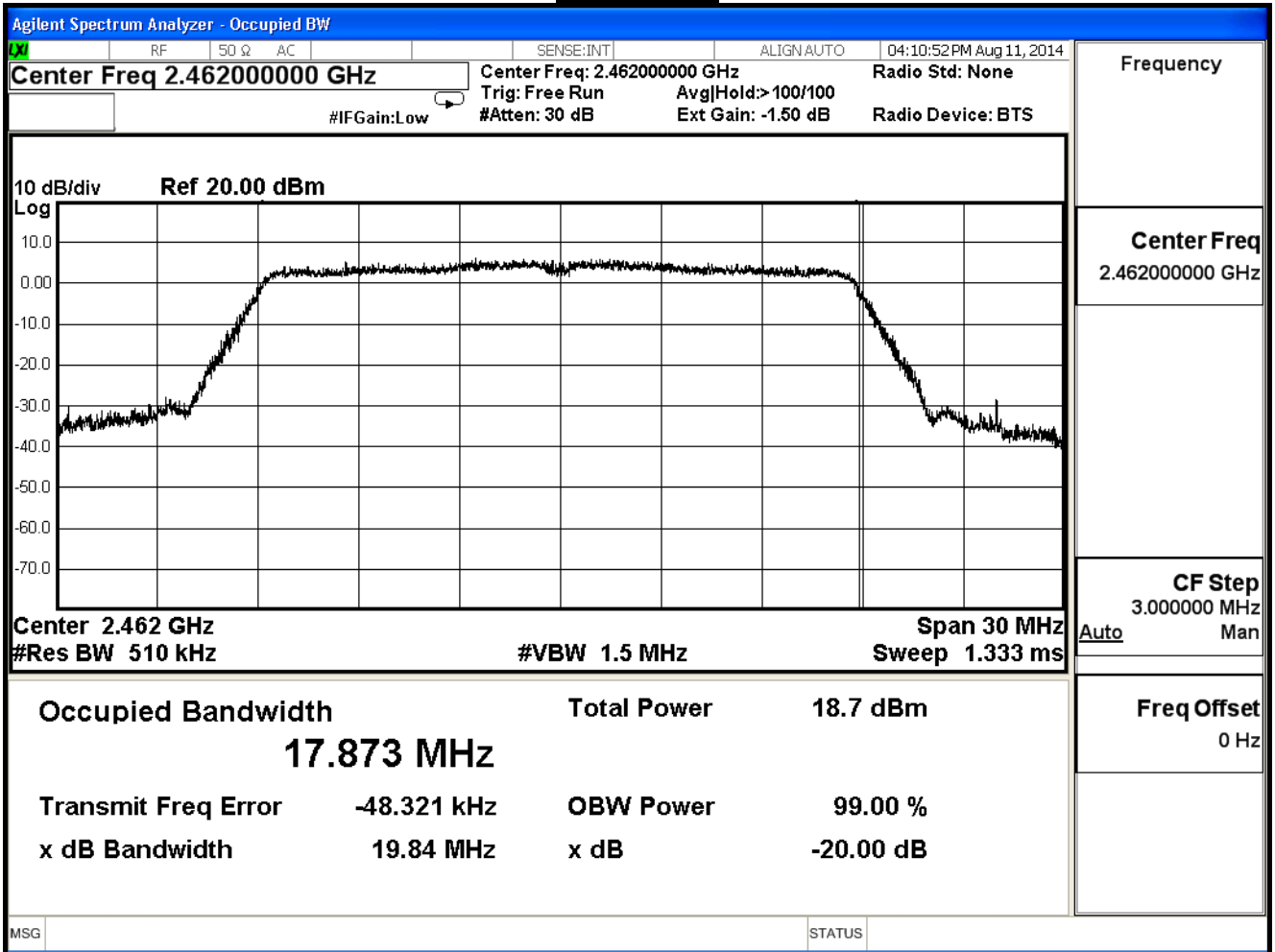
Channel 1



Channel 6



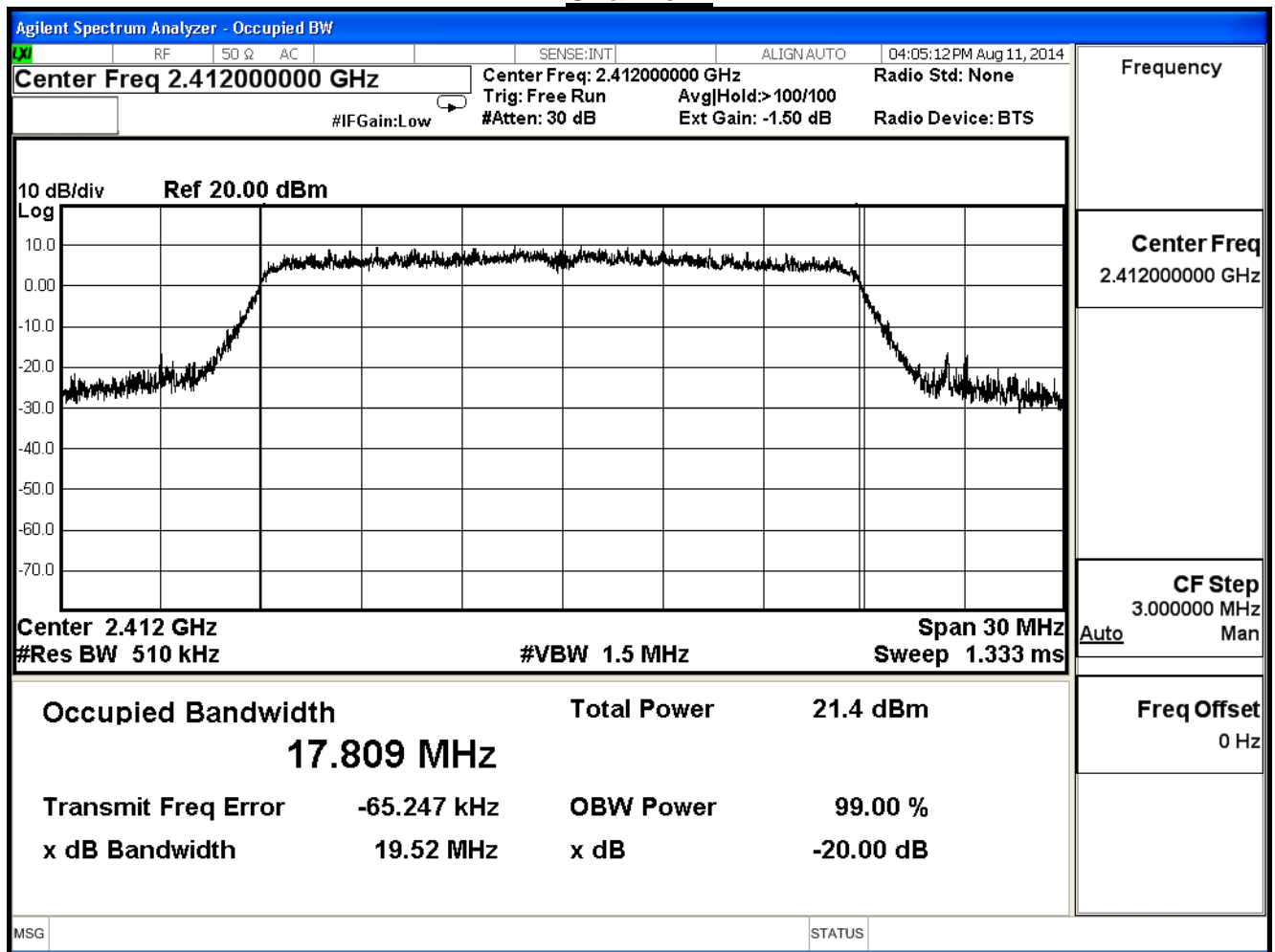
Channel 11



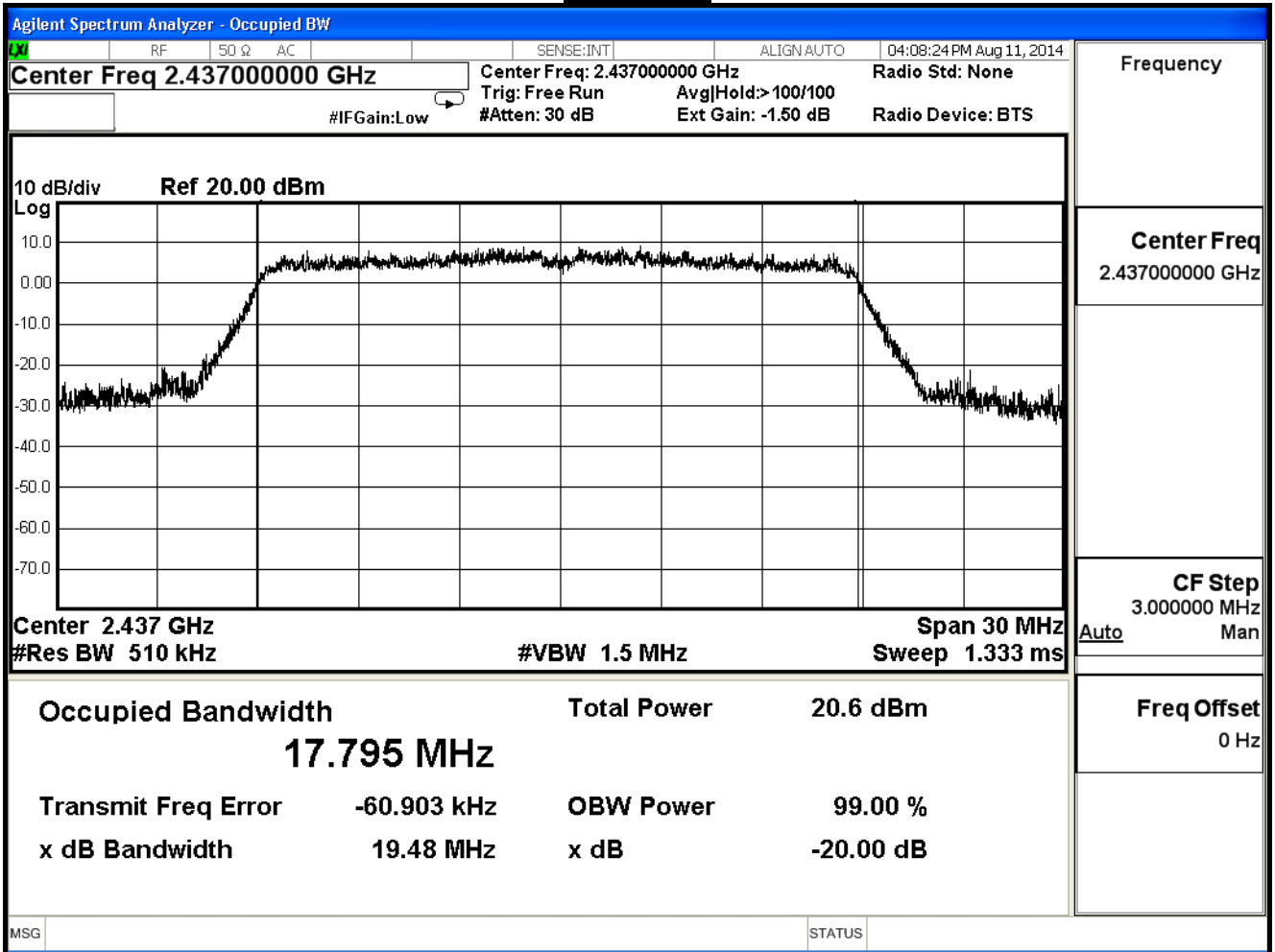
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/11	Test Site	SR7

IEEE 802.11n (20MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
1	2412	17.809	--	Pass
6	2437	17.795	--	Pass
11	2462	17.793	--	Pass

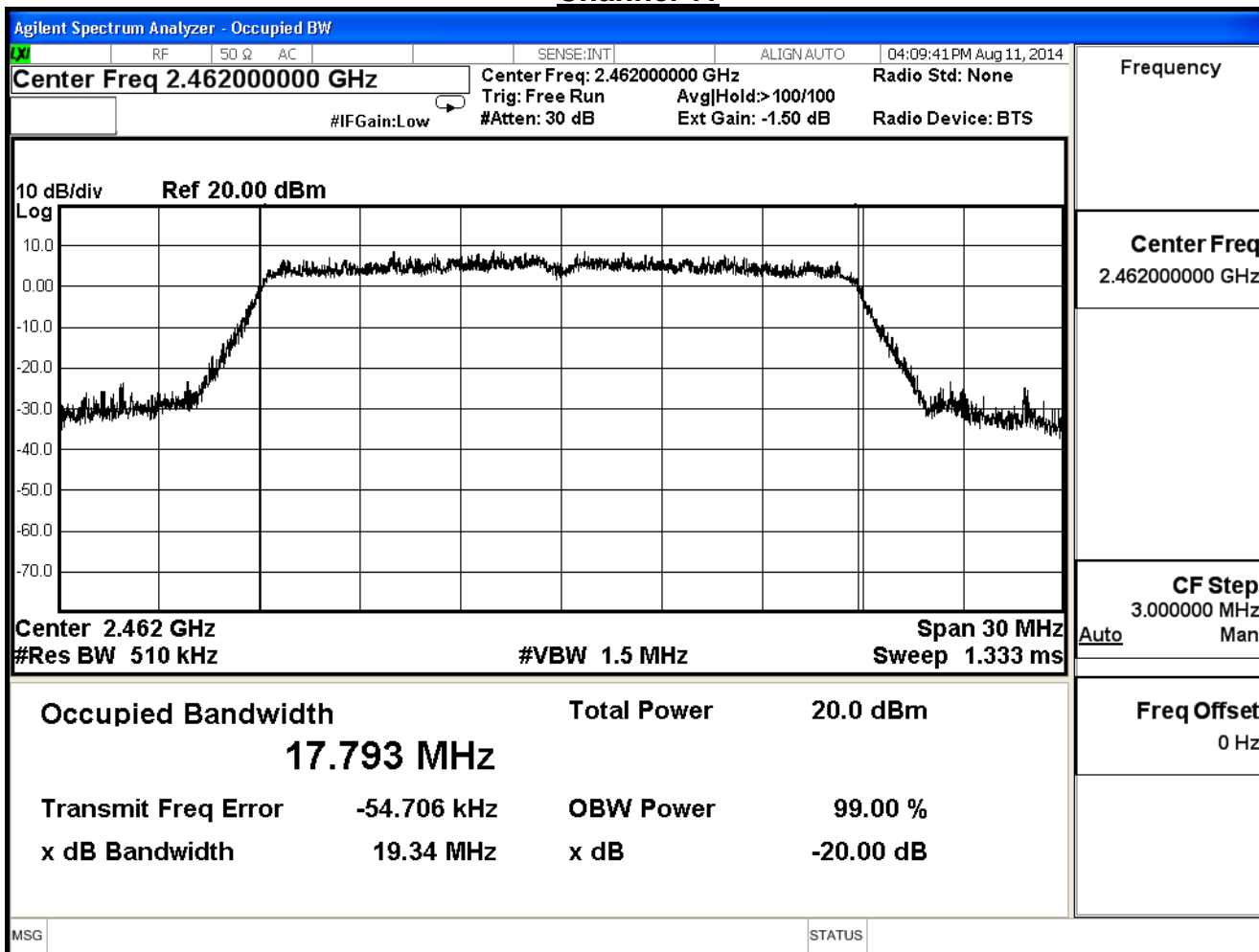
Channel 1



Channel 6



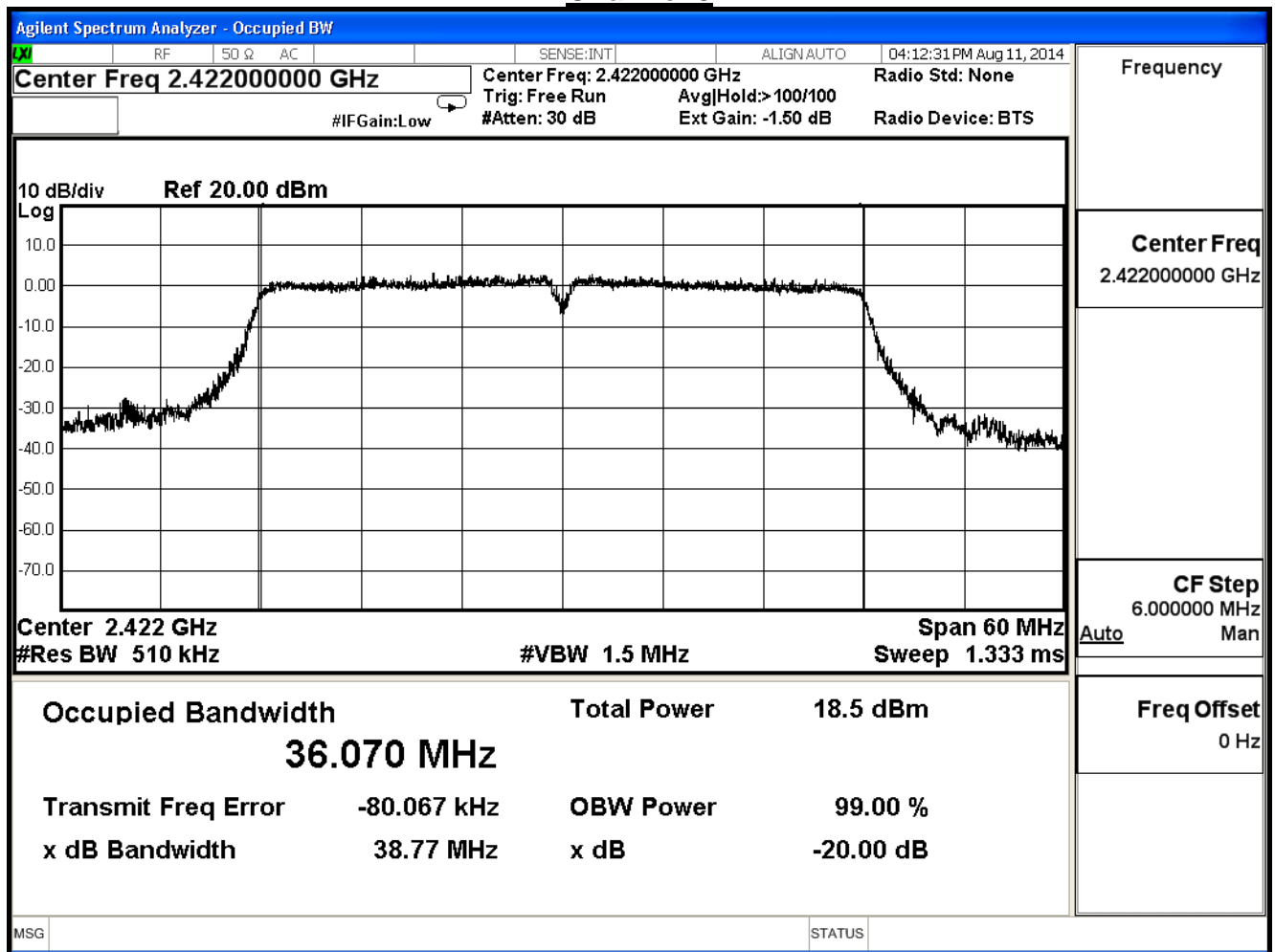
Channel 11



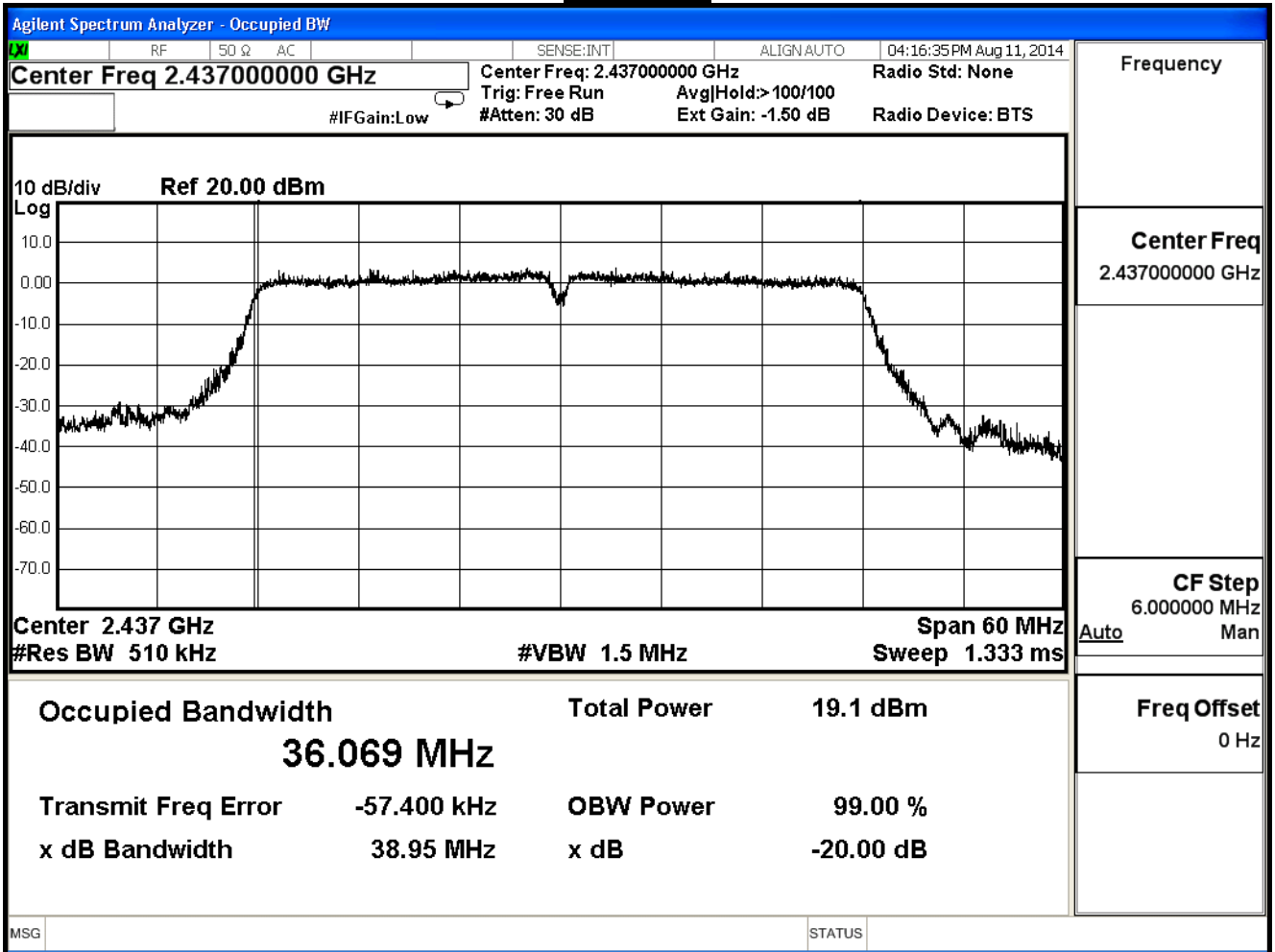
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/11	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.070	--	Pass
6	2437	36.069	--	Pass
9	2452	36.115	--	Pass

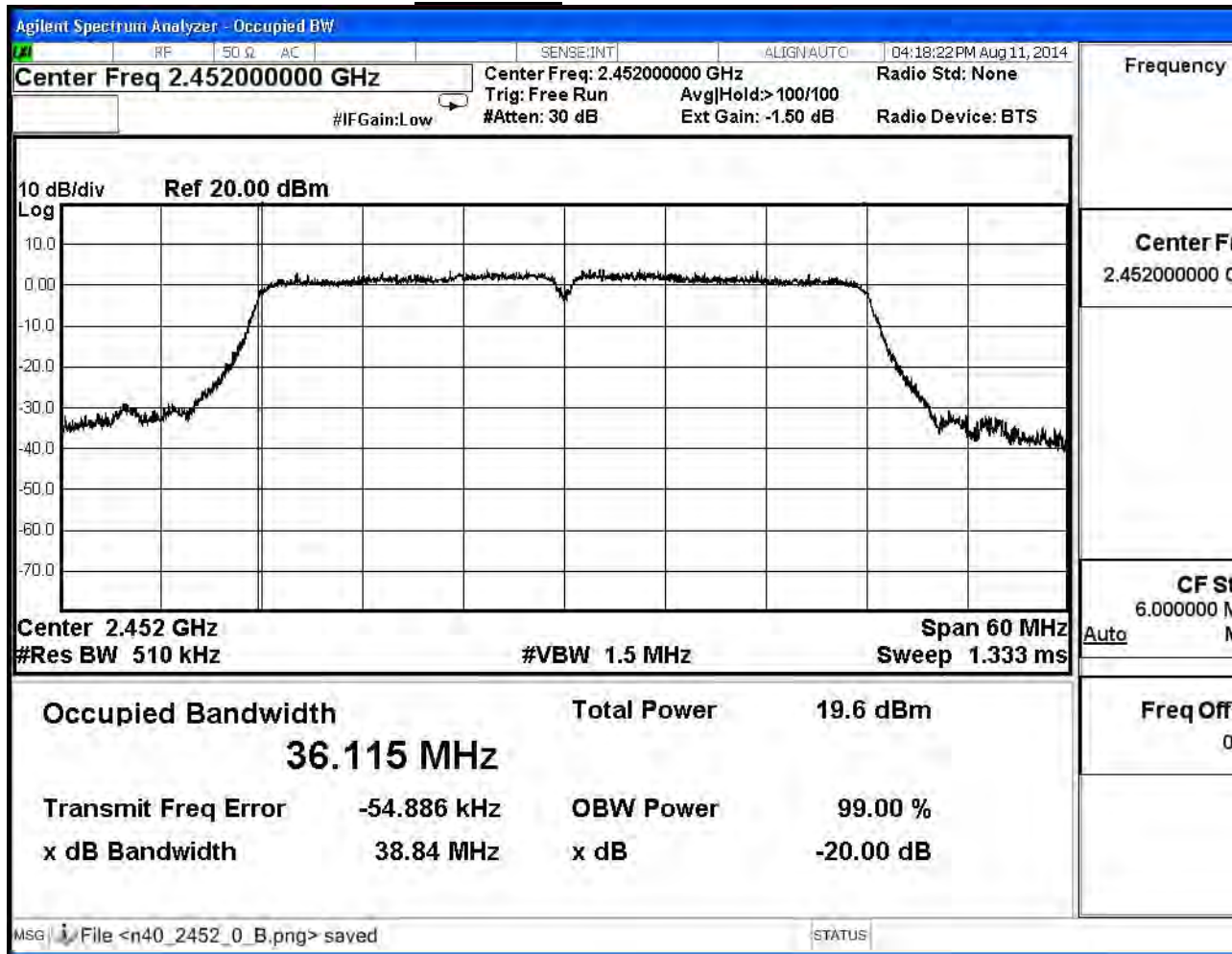
Channel 3



Channel 6



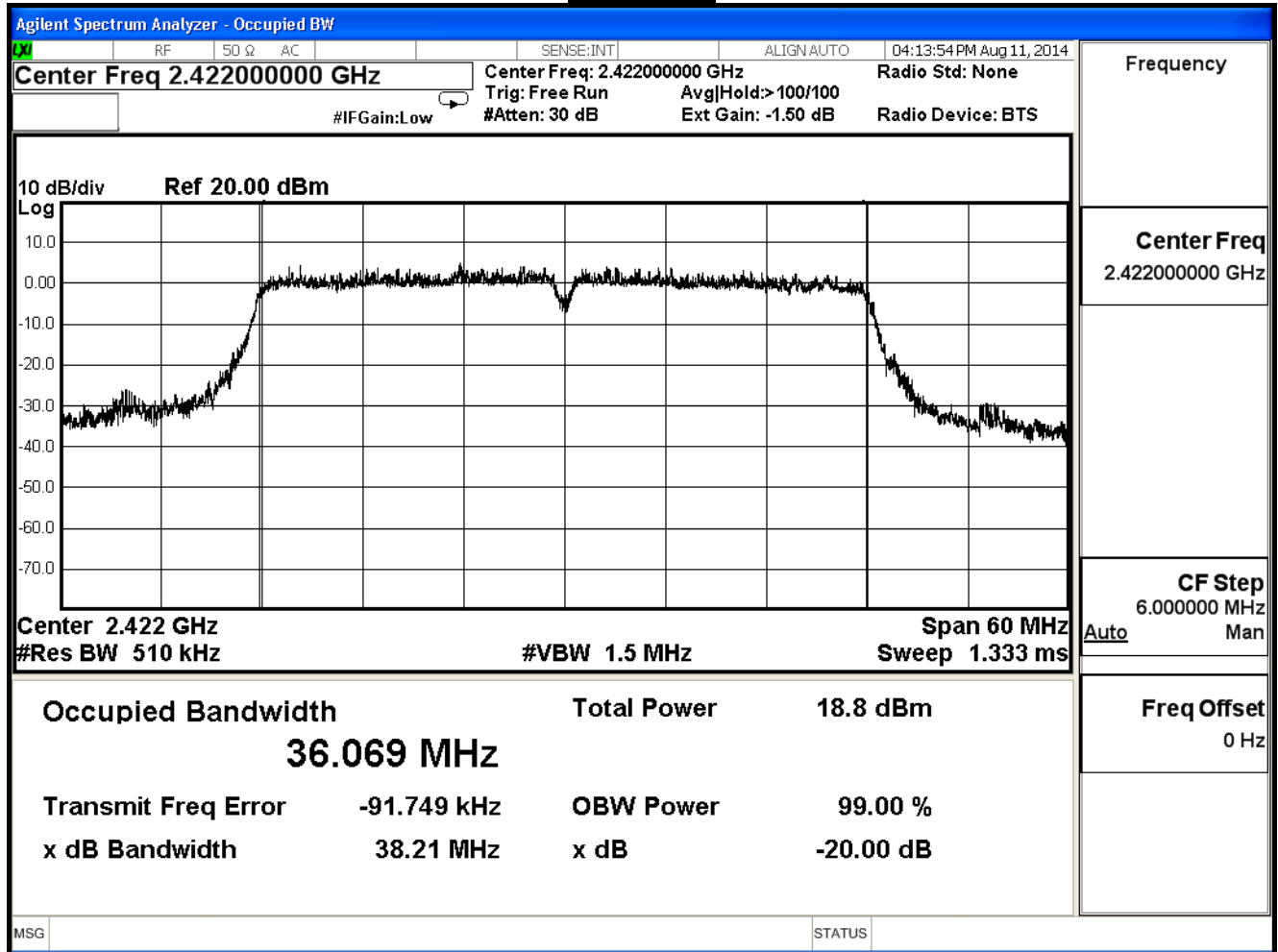
Channel 9



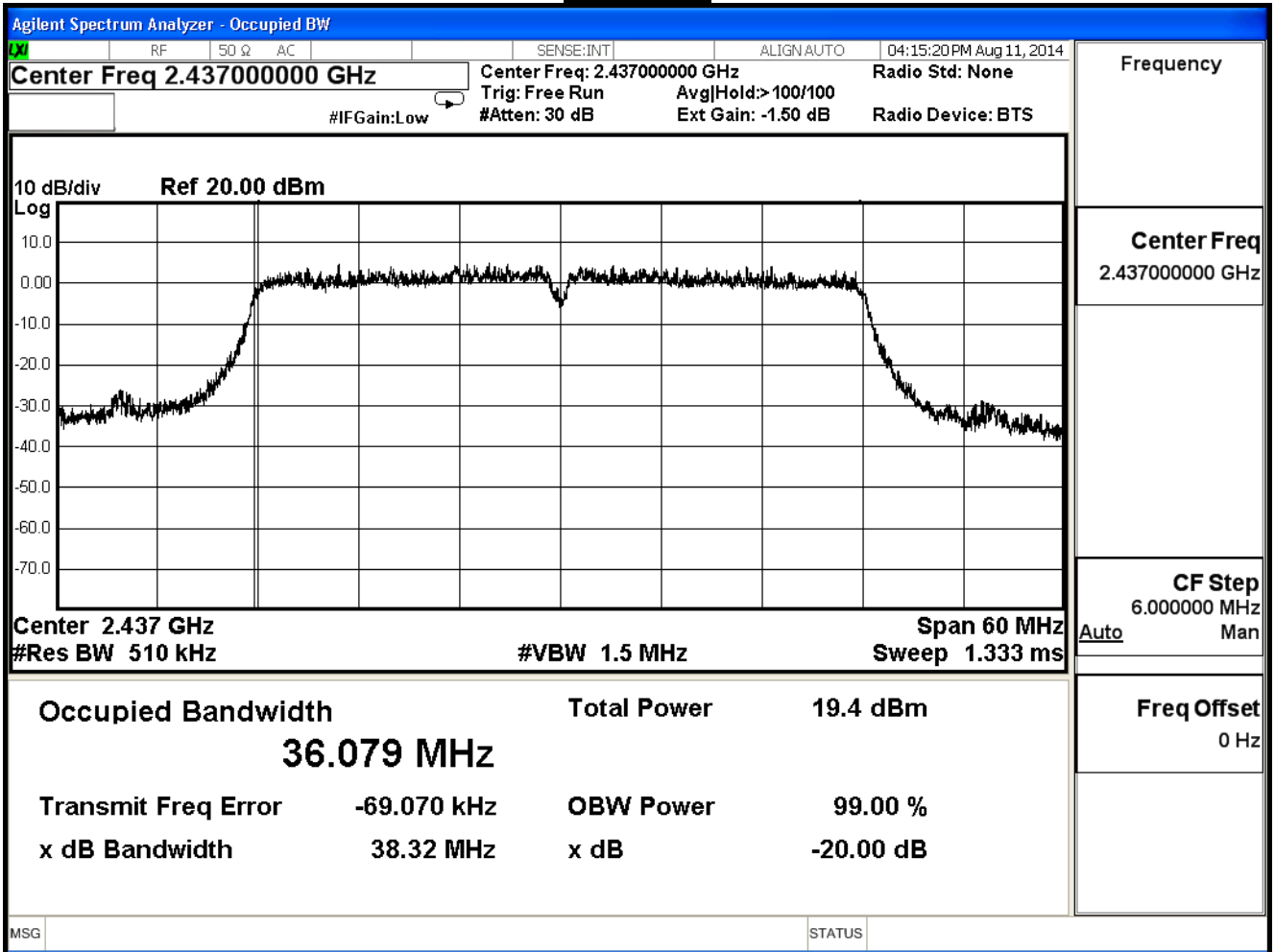
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/11	Test Site	SR7

IEEE 802.11n (40MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
3	2422	36.069	--	Pass
6	2437	36.079	--	Pass
9	2452	35.988	--	Pass

Channel 3



Channel 6



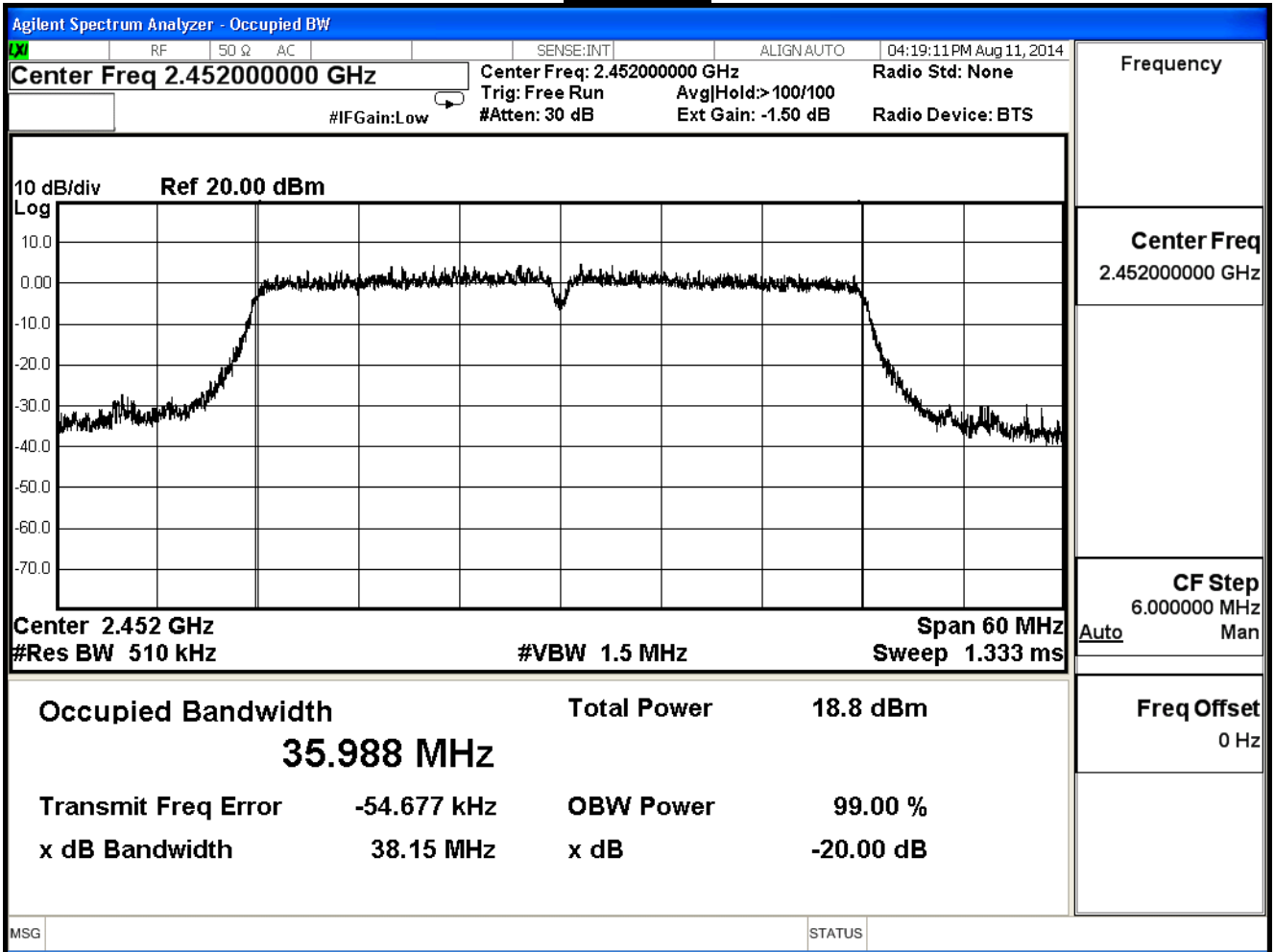
Frequency

Center Freq
2.437000000 GHz

CF Step
6.000000 MHz
Auto Man

Freq Offset
0 Hz

Channel 9



9. Power Density

9.1. Test Equipment

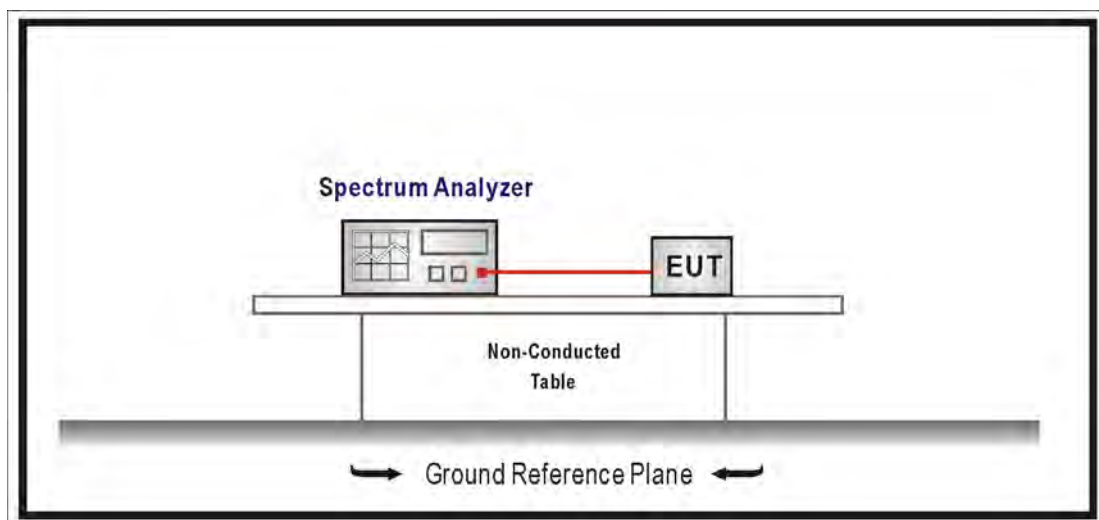
The following test equipment is used during the test:

Power Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

Note: 1. All equipments 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; tested according to DTS test procedure section 10.2 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set 3KHz \leq RBW \leq 100 kHz, Set VBW \geq 3xRBW, Sweep time=Auto, Set Peak detector;

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2013

9.6. Uncertainty

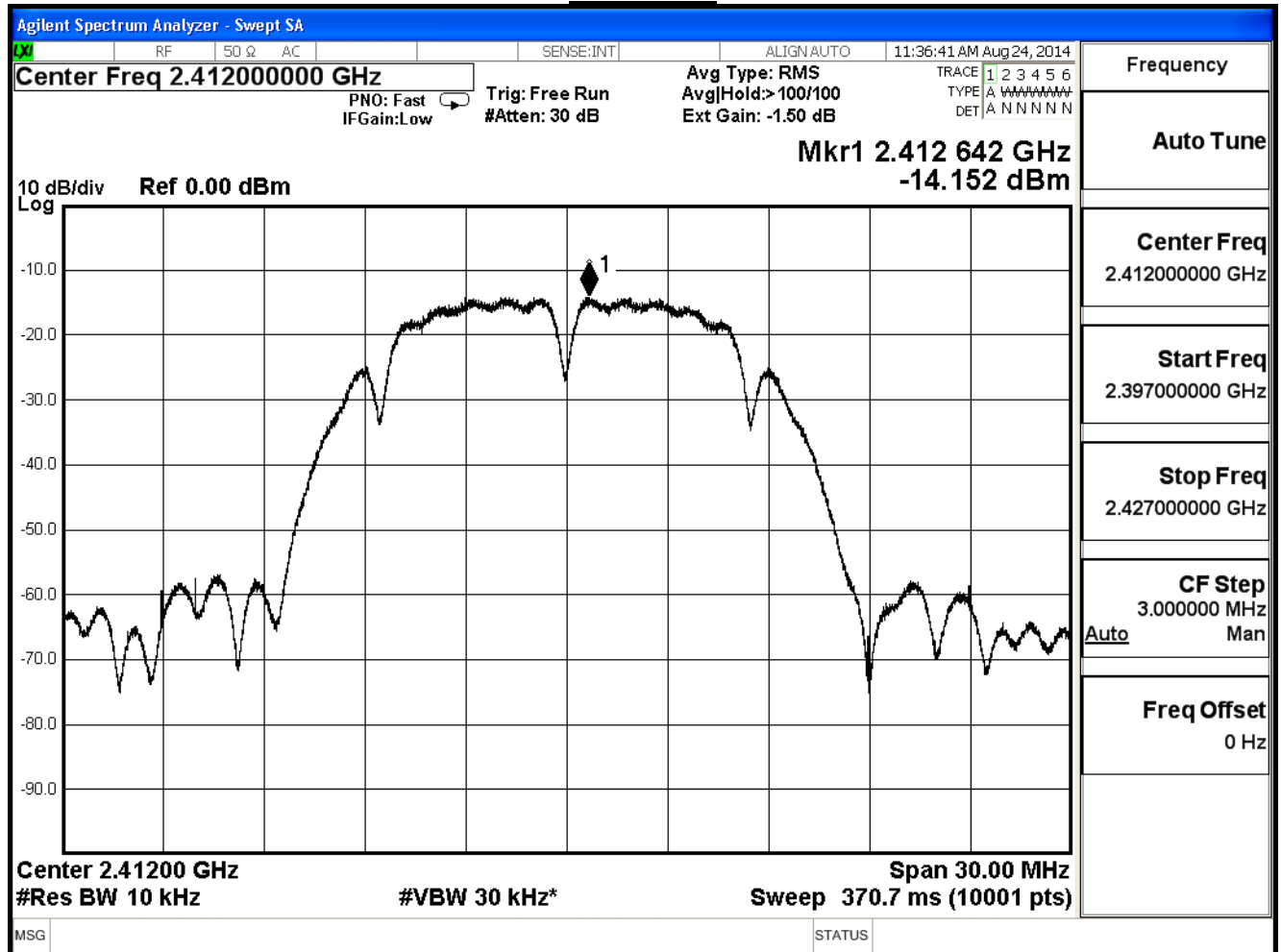
The measurement uncertainty is defined as $\pm 1.27\text{dB}$.

9.7. Test Result

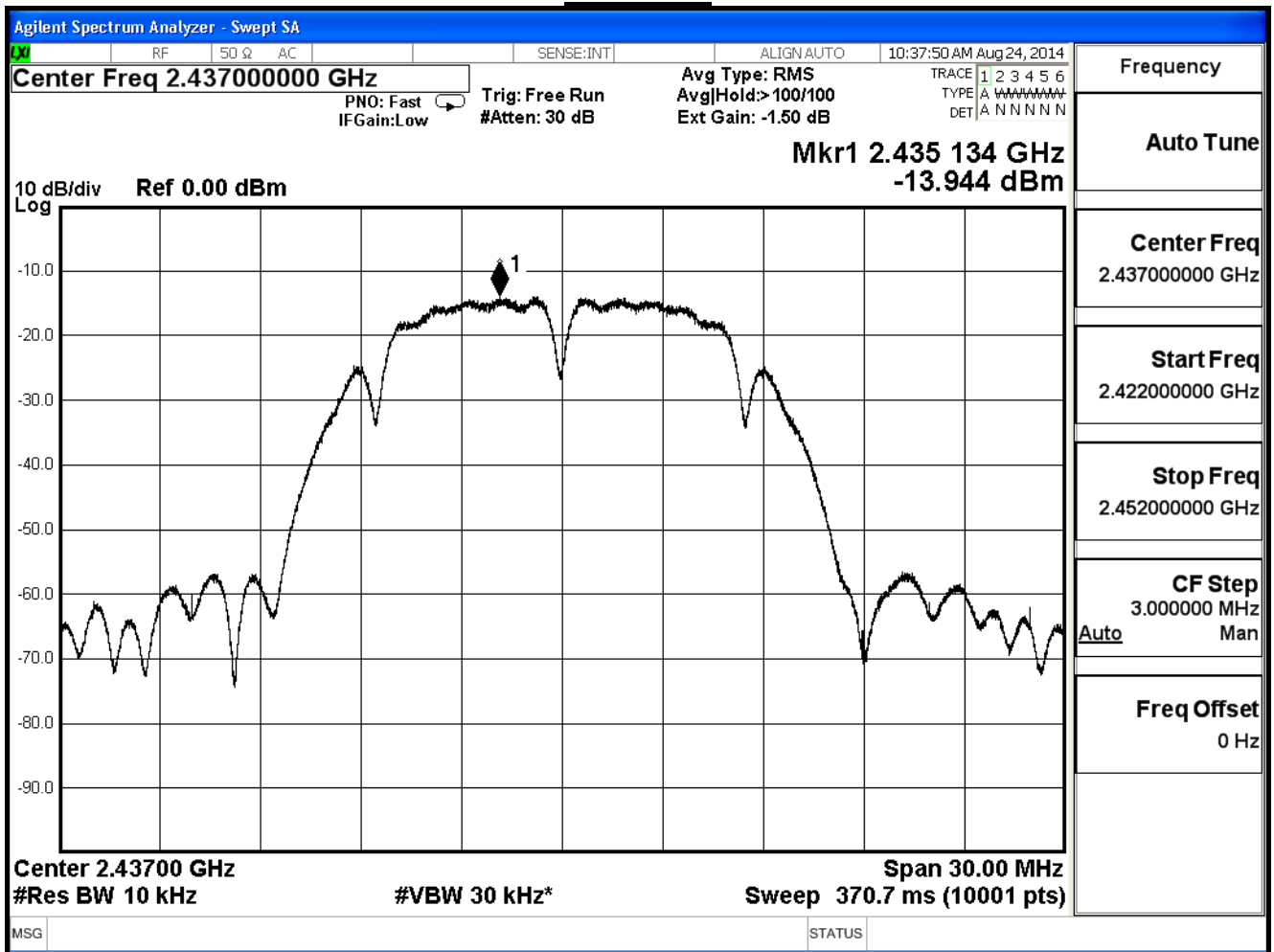
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/24	Test Site	SR7

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-14.152	≤ 8	Pass
6	2437	-13.944	≤ 8	Pass
11	2462	-12.174	≤ 8	Pass

Channel 1



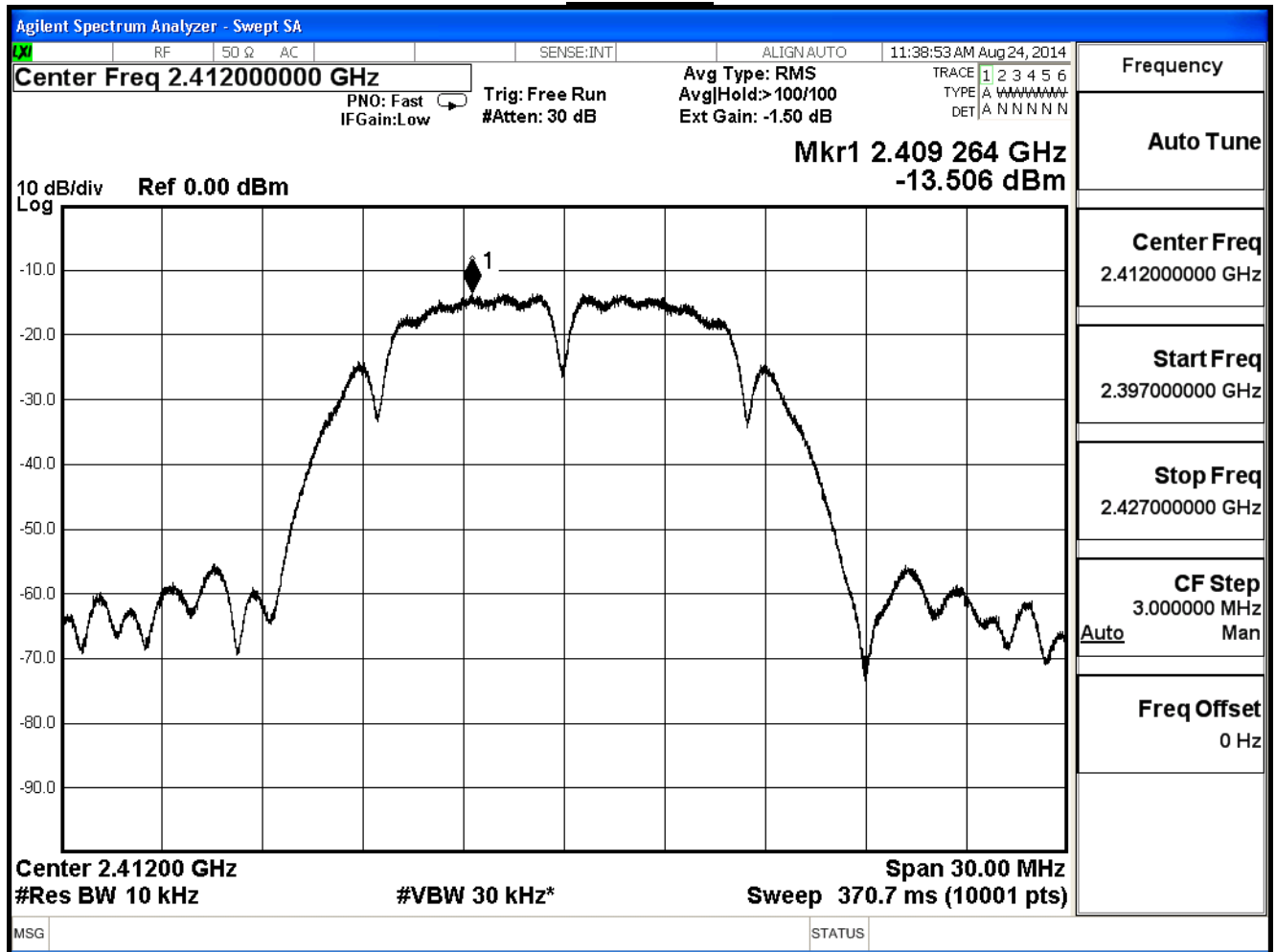
Channel 6



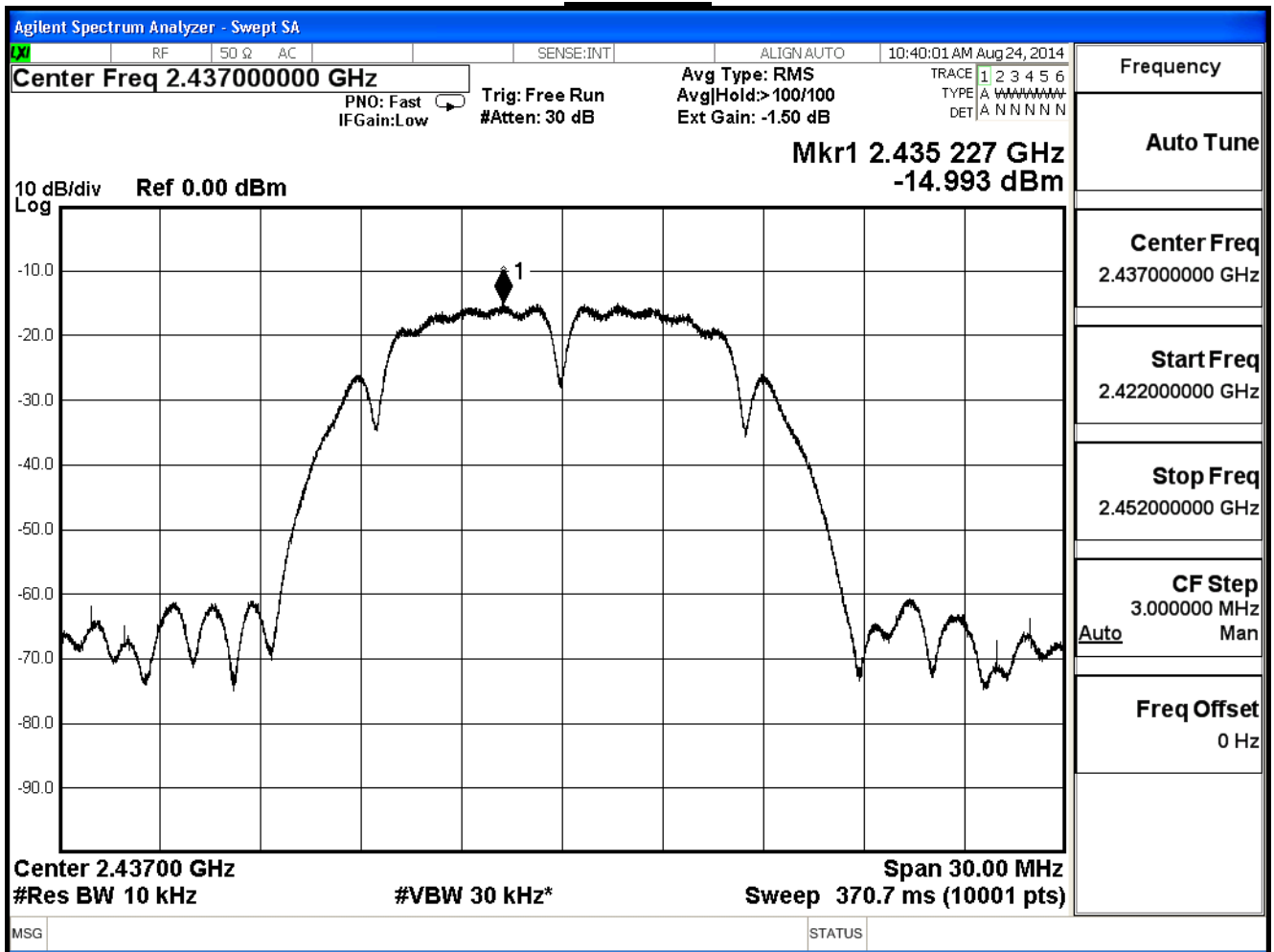
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/24	Test Site	SR7

IEEE 802.11b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-13.506	≤ 8	Pass
6	2437	-14.993	≤ 8	Pass
11	2462	-13.953	≤ 8	Pass

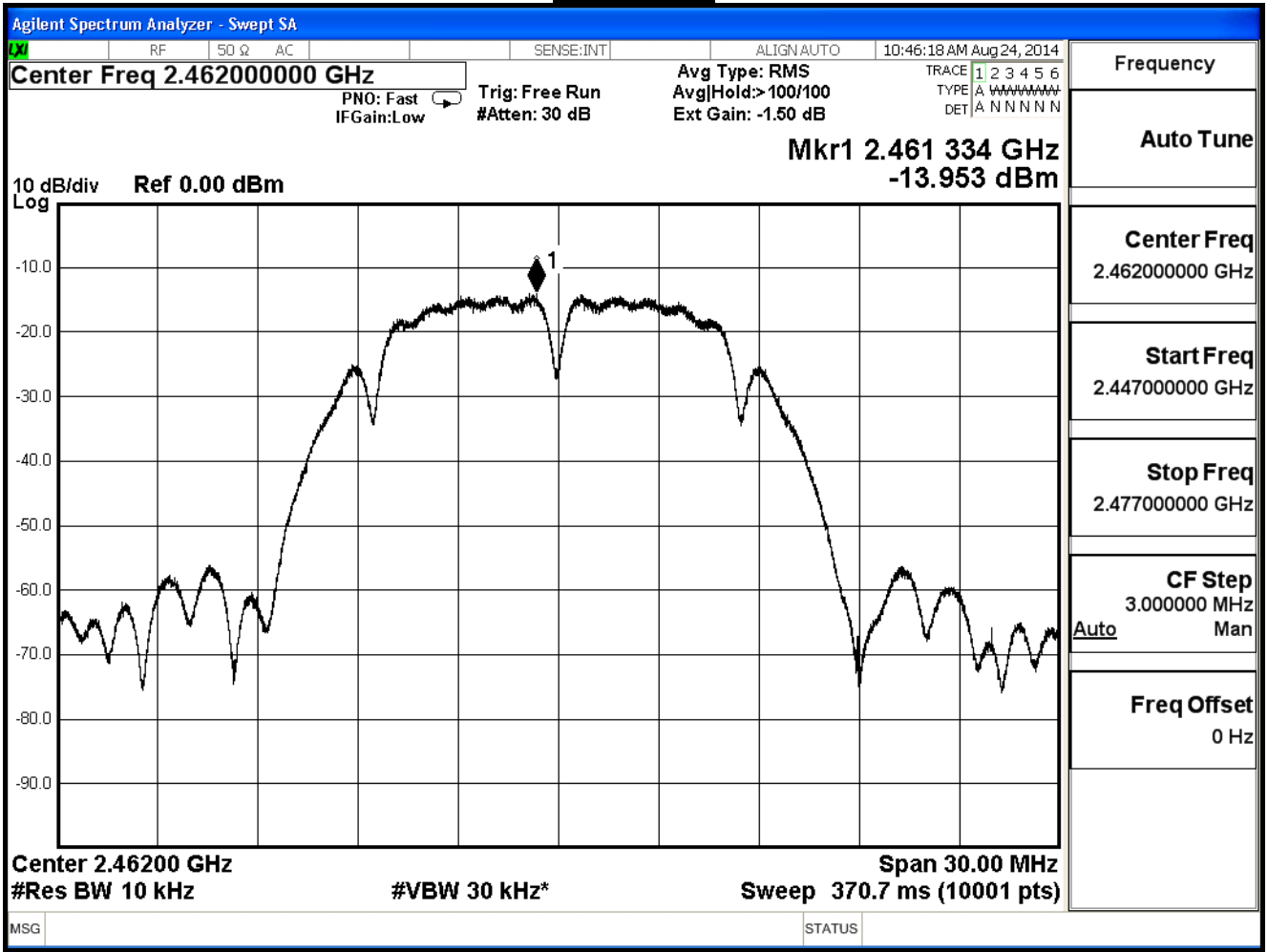
Channel 1



Channel 6



Channel 11



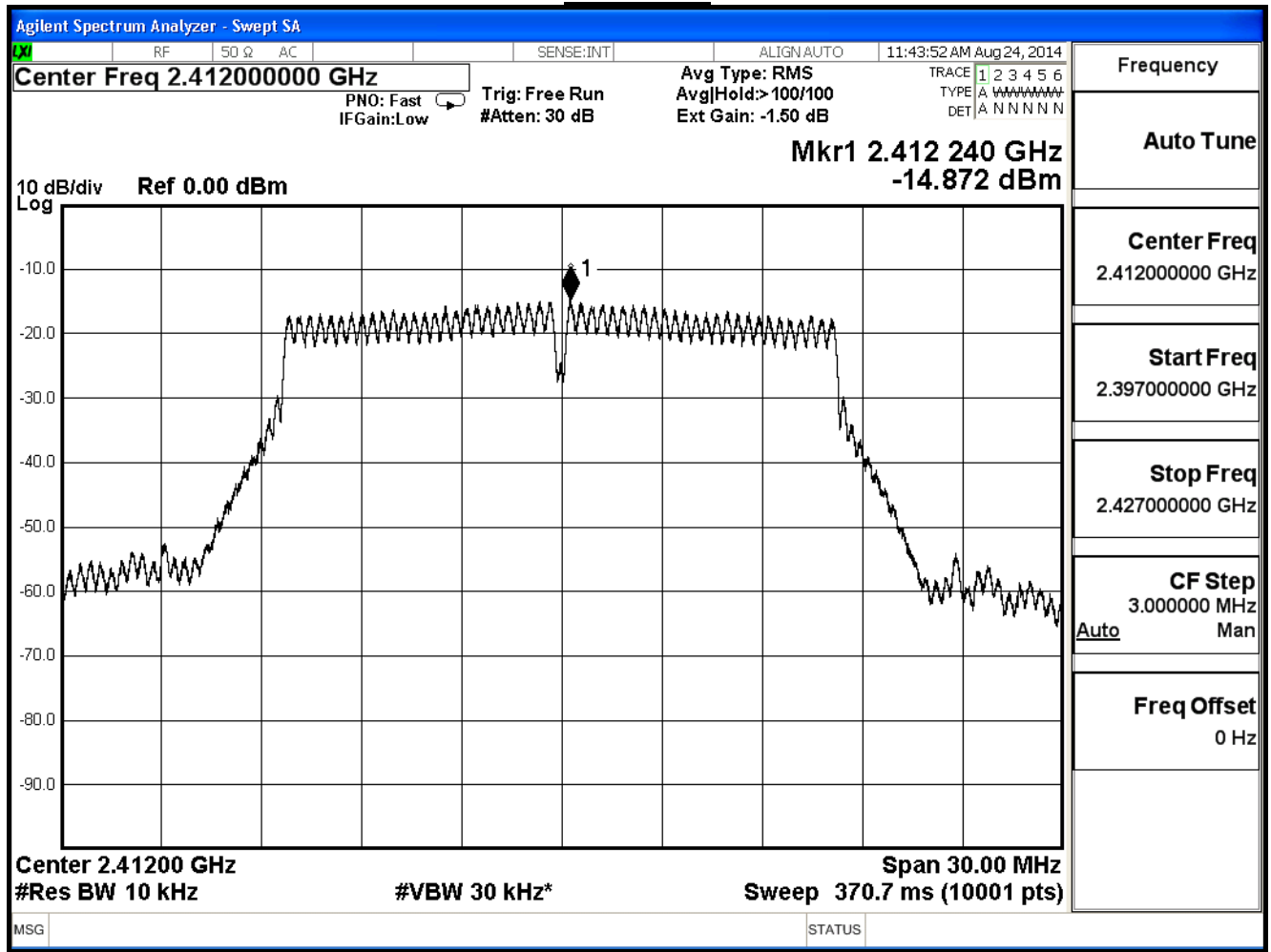
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/24	Test Site	SR7

IEEE 802.11b (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.807	≤ 8	Pass
6	2437	-11.427	≤ 8	Pass
11	2462	-9.963	≤ 8	Pass

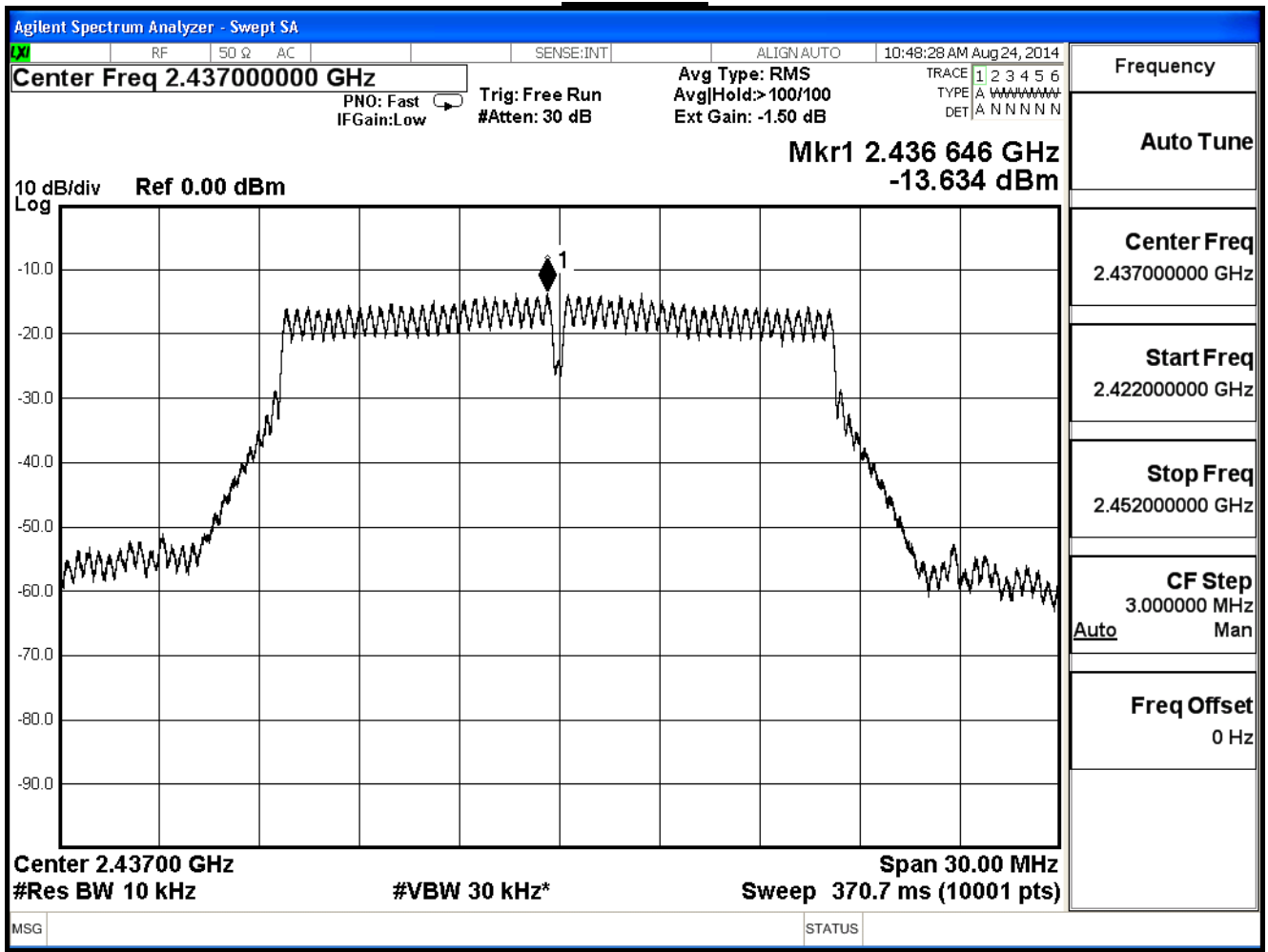
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/24	Test Site	SR7

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
1	2412	-14.872	≤ 8	Pass
6	2437	-13.634	≤ 8	Pass
11	2462	-12.934	≤ 8	Pass

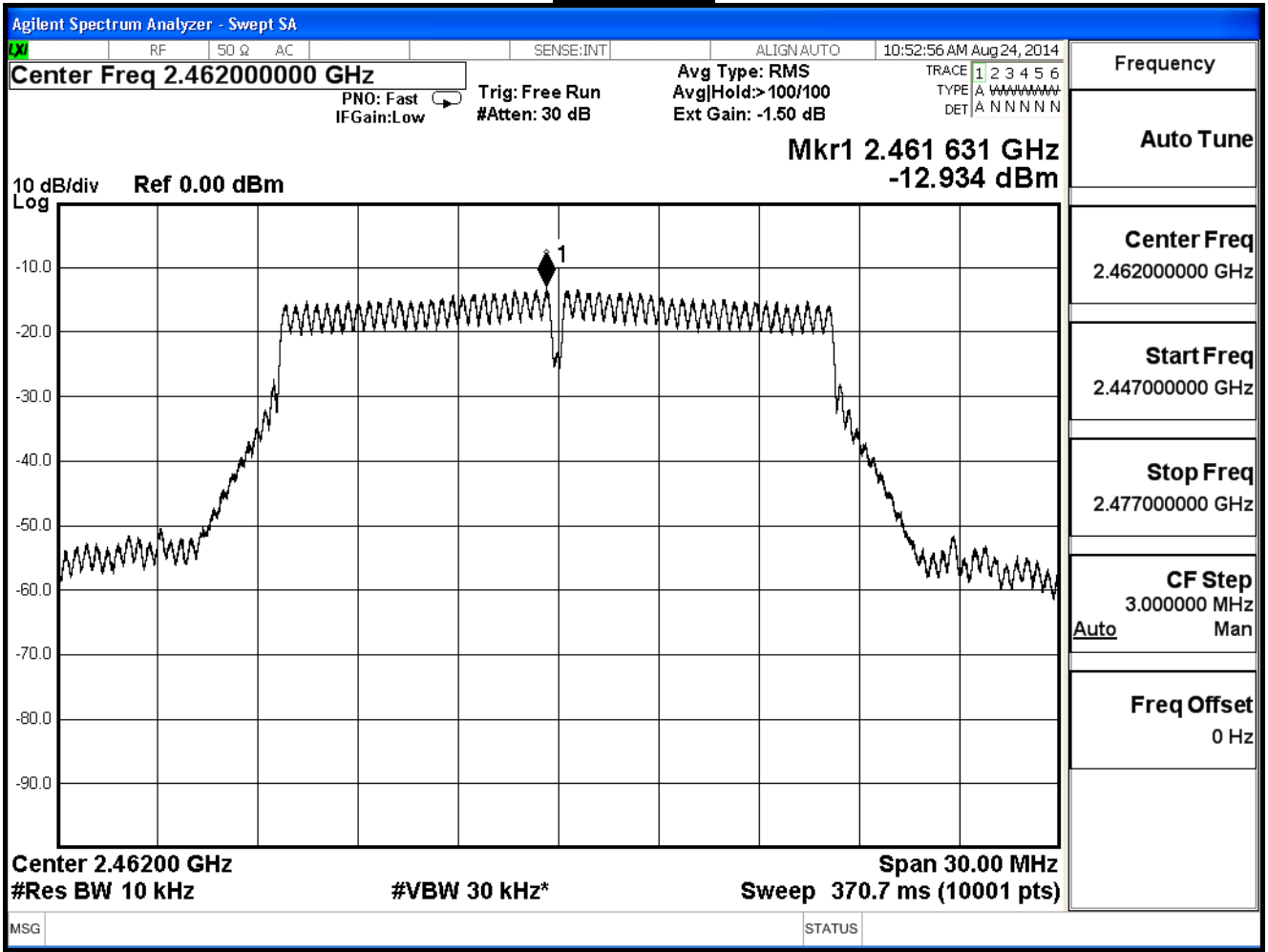
Channel 1



Channel 6



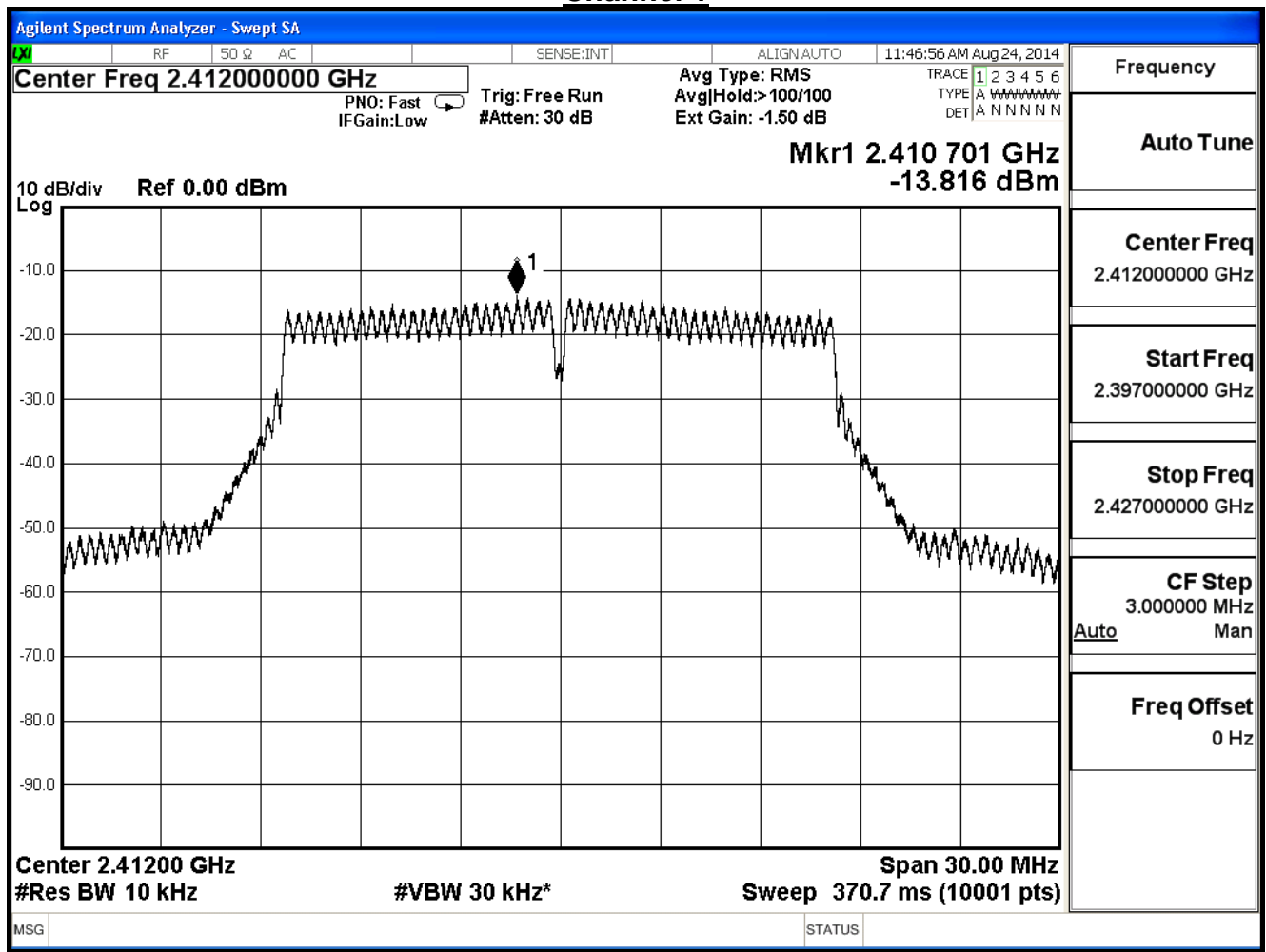
Channel 11



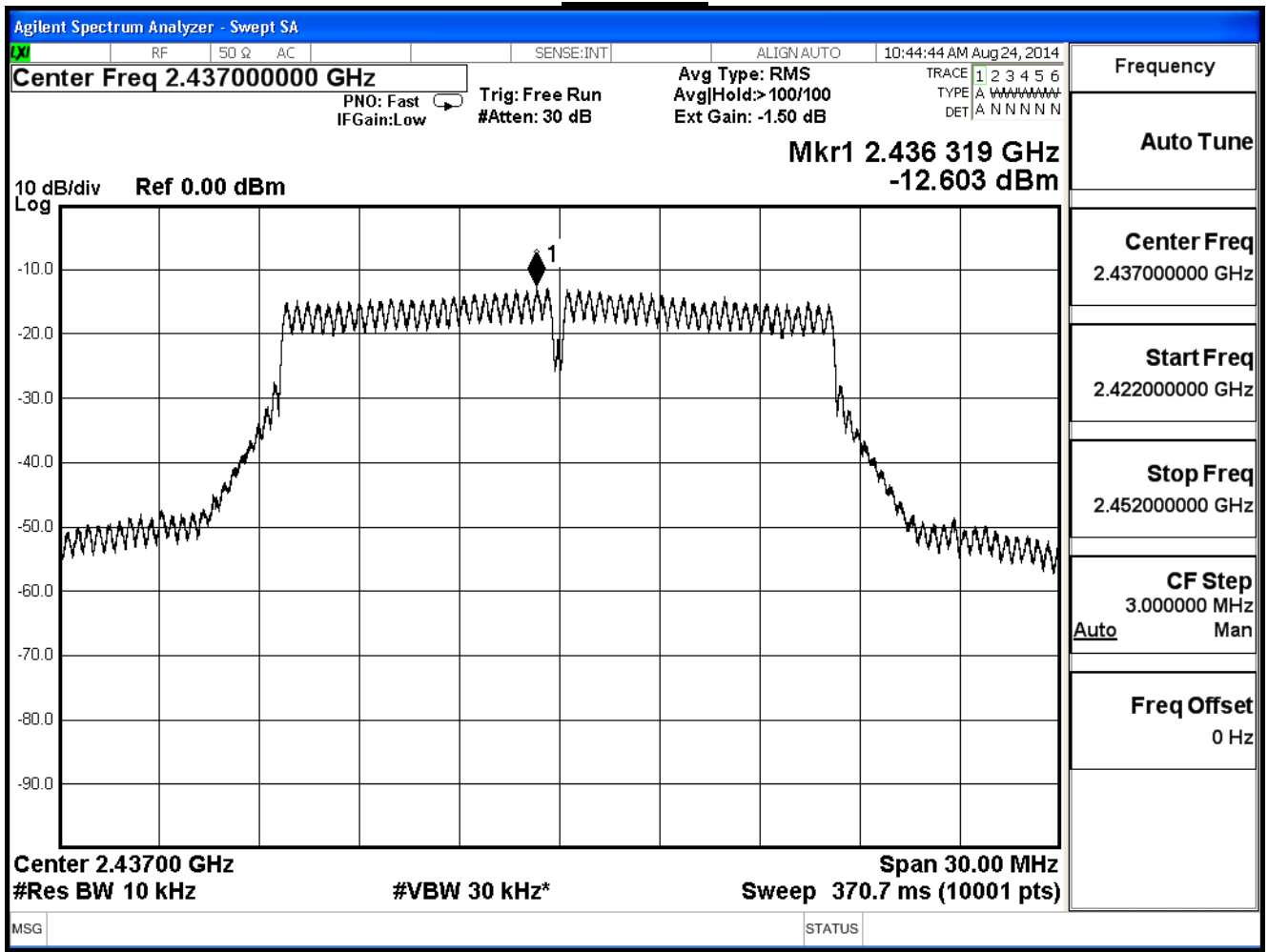
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/24	Test Site	SR7

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
1	2412	-13.816	≤ 8	Pass
6	2437	-12.603	≤ 8	Pass
11	2462	-13.638	≤ 8	Pass

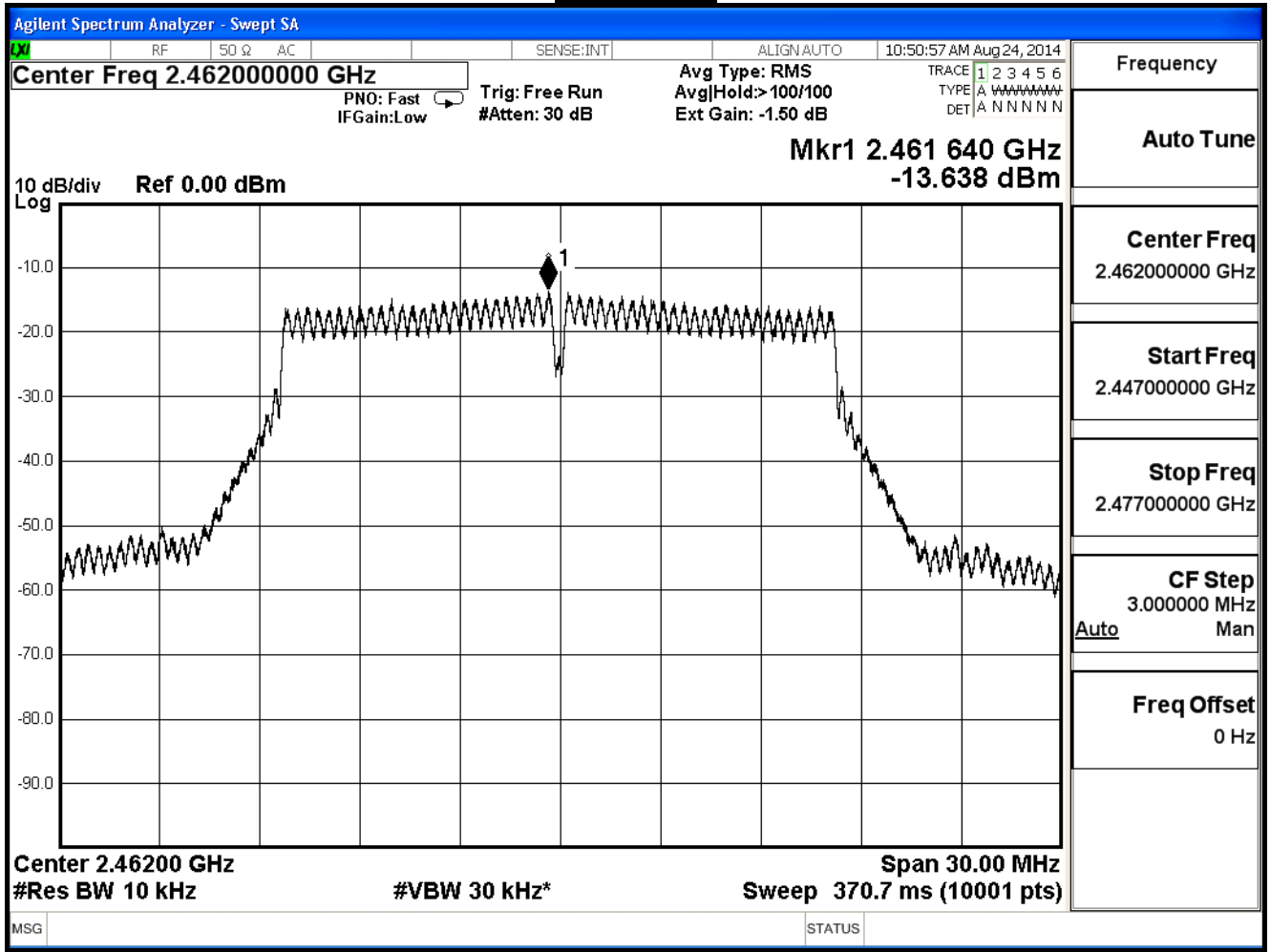
Channel 1



Channel 6



Channel 11



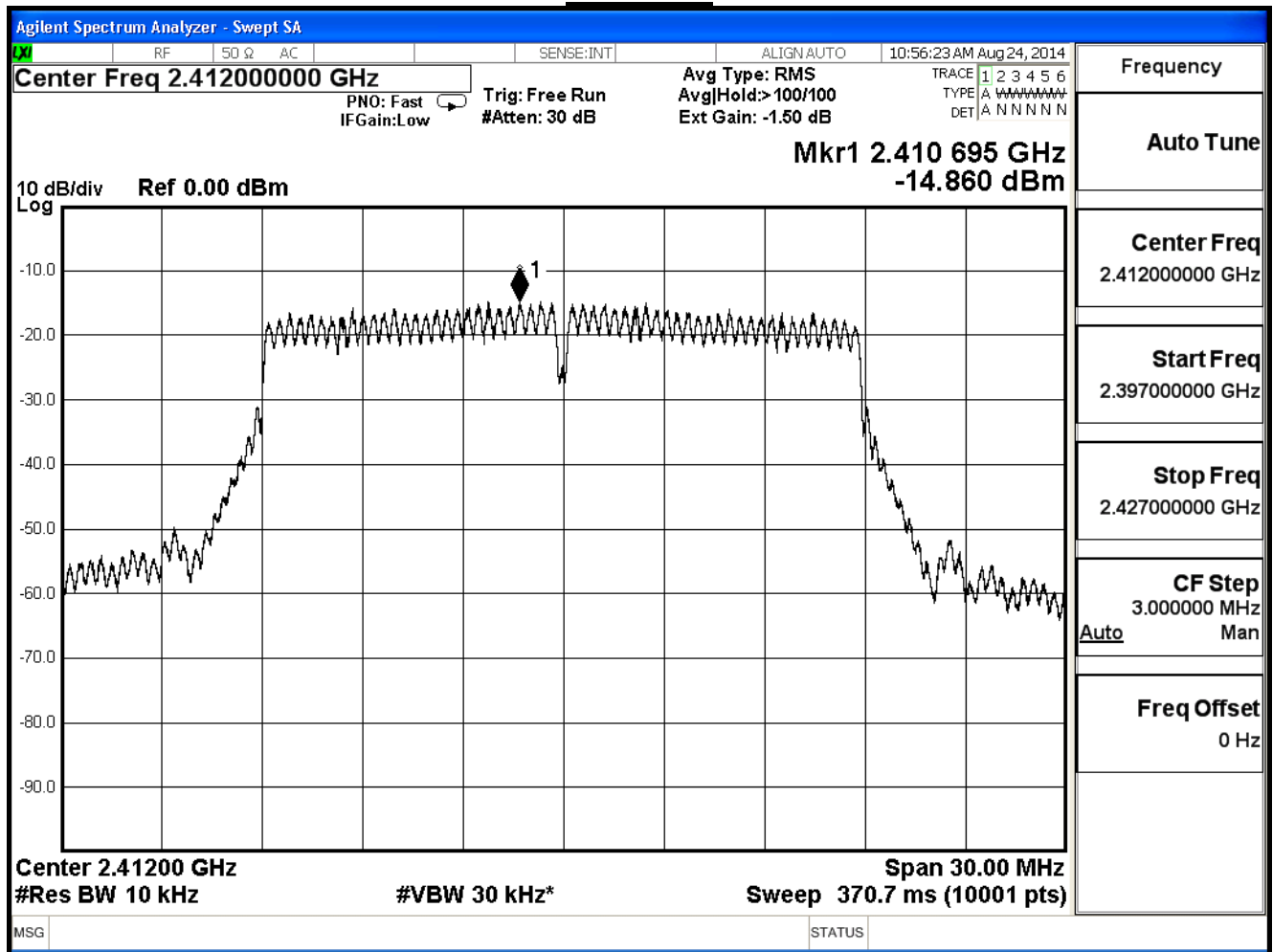
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 1: Transmit(CDD Mode)_Adapter: Asian,WA-12M12R		
Date of Test	2014/08/24	Test Site	SR7

IEEE 802.11g (ANT 0+1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
1	2412	-11.302	≤ 8	Pass
6	2437	-10.078	≤ 8	Pass
11	2462	-10.261	≤ 8	Pass

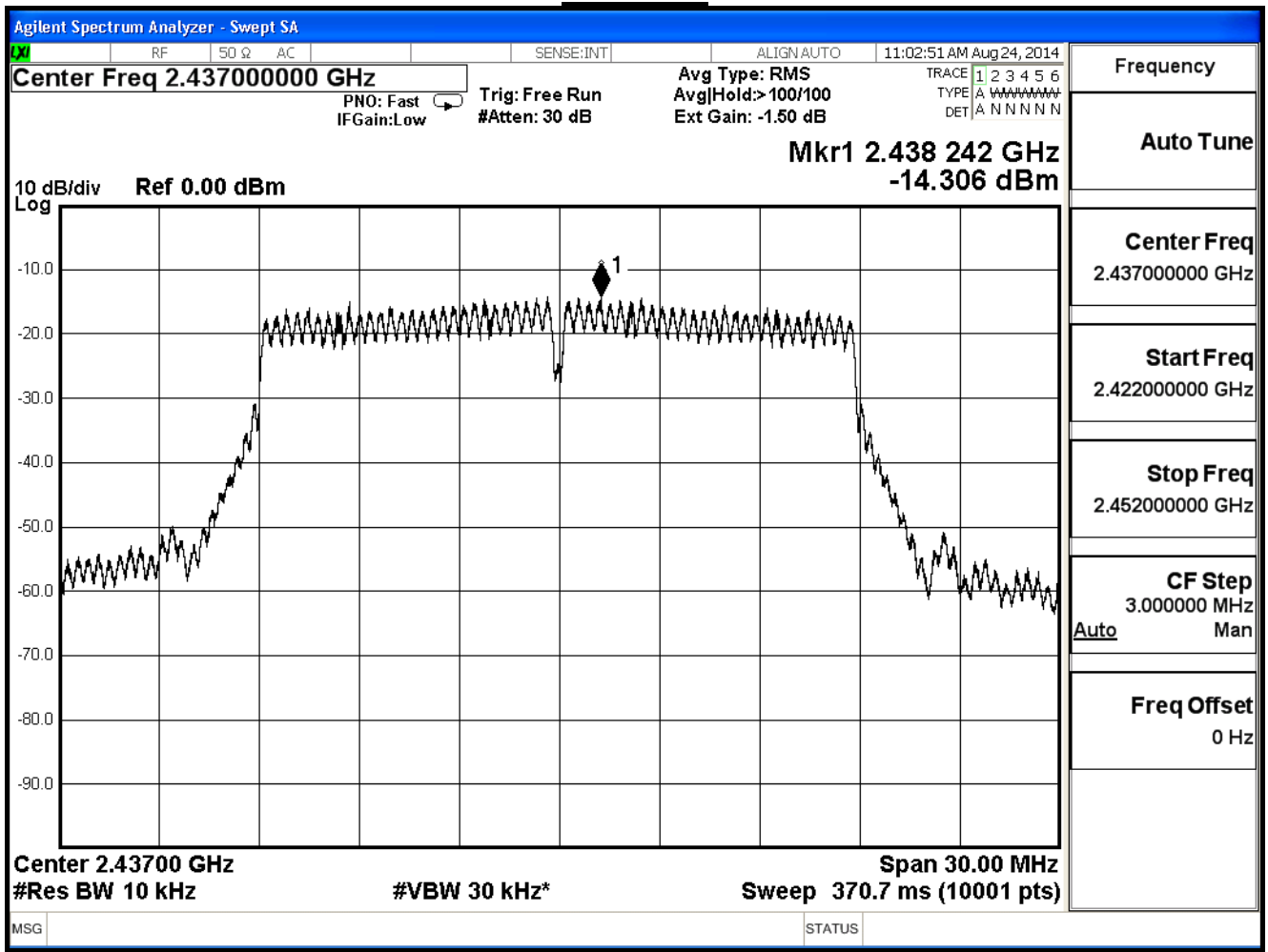
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/24	Test Site	SR7

IEEE802.11n_20MHz_(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-14.860	≤ 8	Pass
6	2437	-14.306	≤ 8	Pass
11	2462	-13.316	≤ 8	Pass

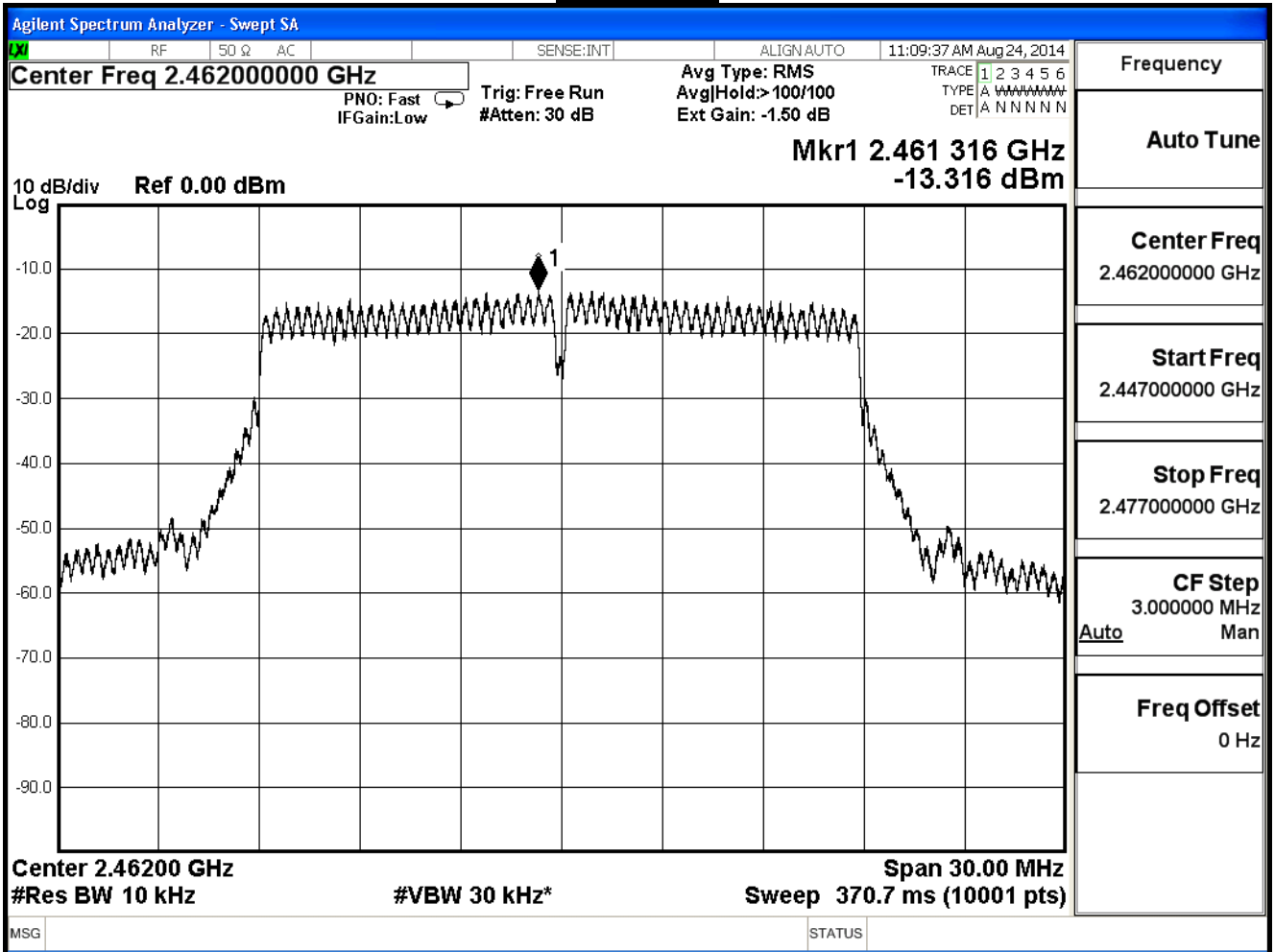
Channel 1



Channel 6



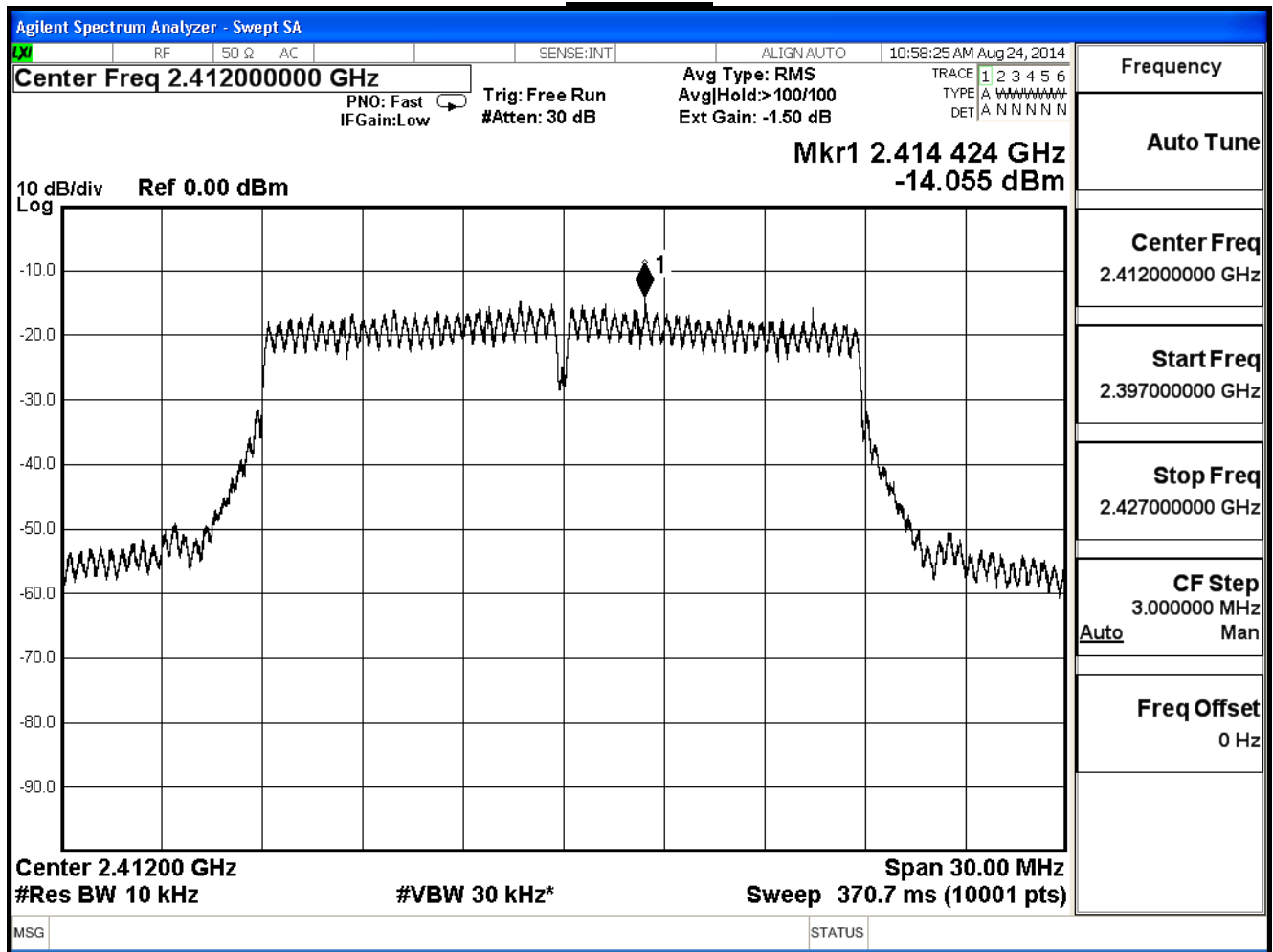
Channel 11



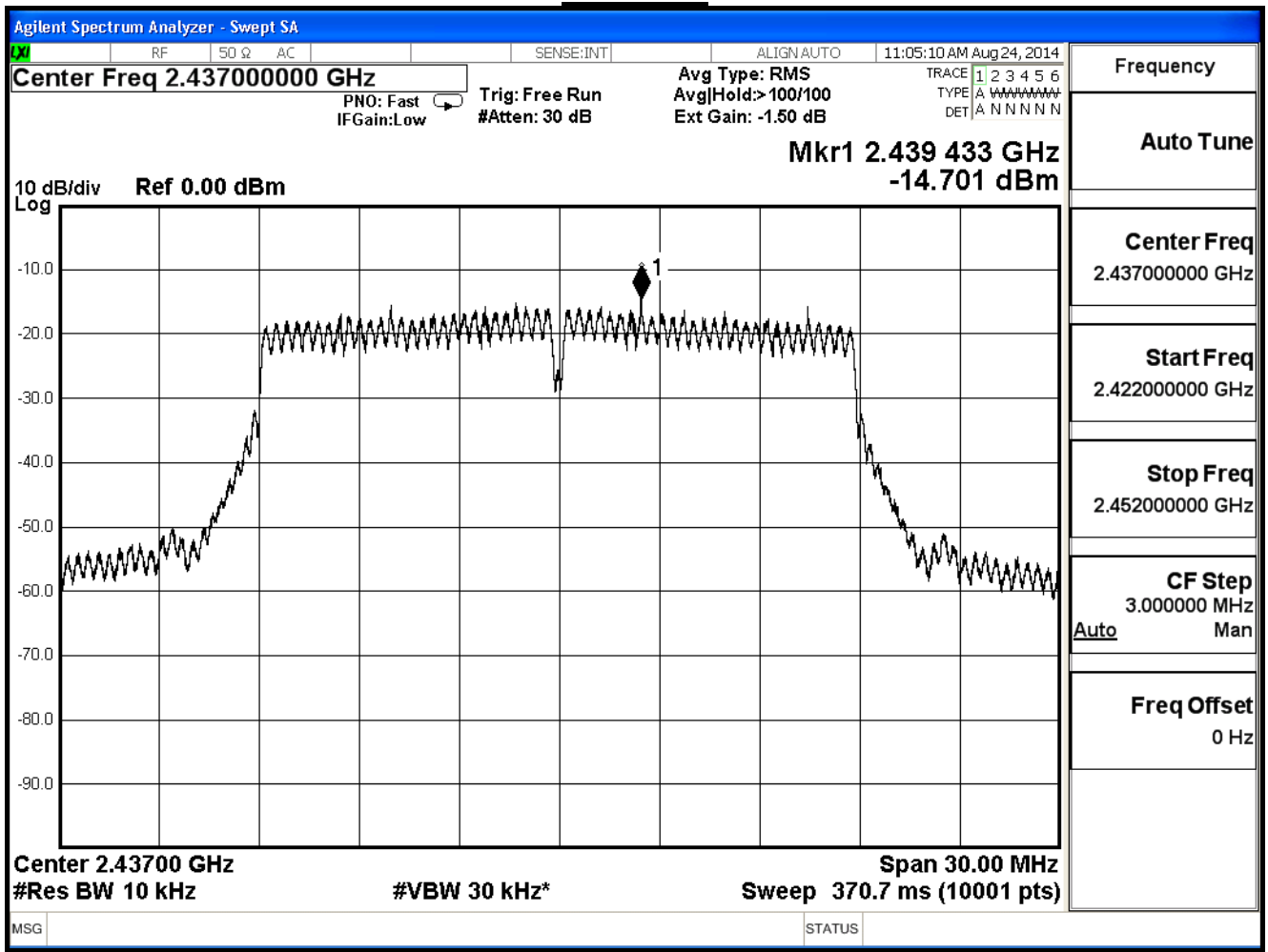
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/24	Test Site	SR7

IEEE802.11n_20MHz_(ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
1	2422	-14.055	≤ 8	Pass
6	2437	-14.701	≤ 8	Pass
9	2452	-12.704	≤ 8	Pass

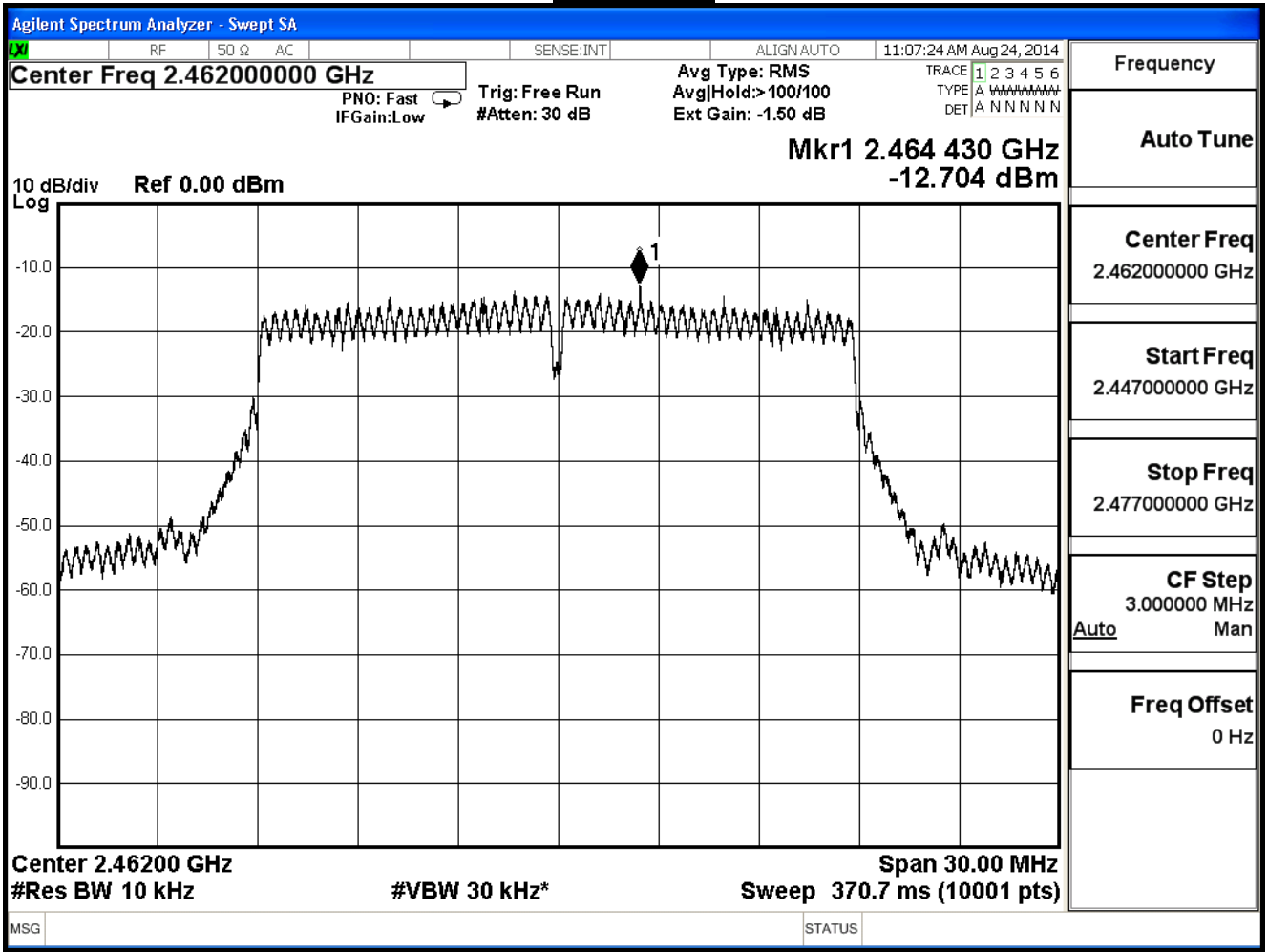
Channel 1



Channel 6



Channel 11



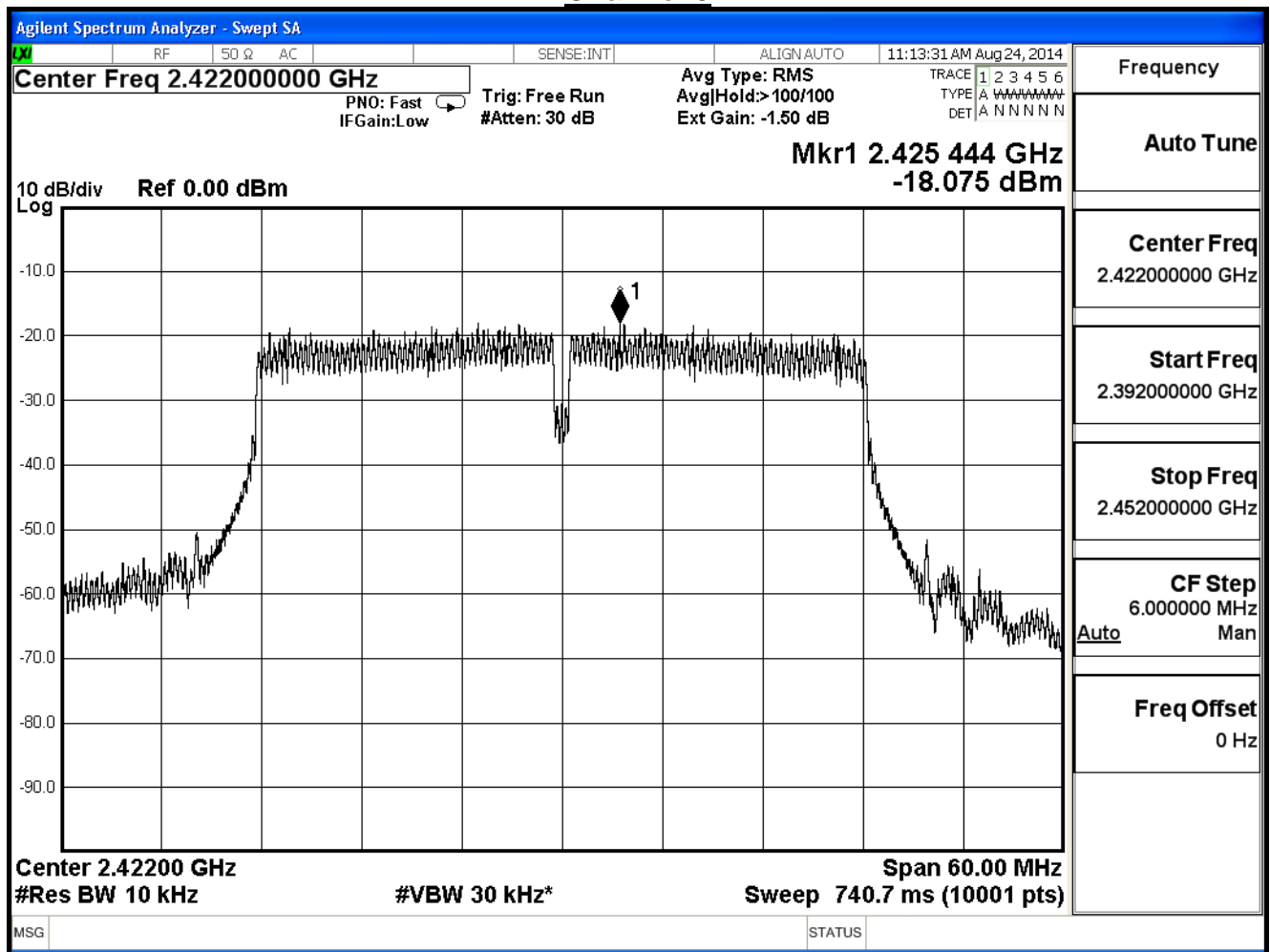
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/24	Test Site	SR7

IEEE802.11n 20MHz (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-11.429	≤ 8	Pass
6	2437	-11.489	≤ 8	Pass
11	2462	-9.989	≤ 8	Pass

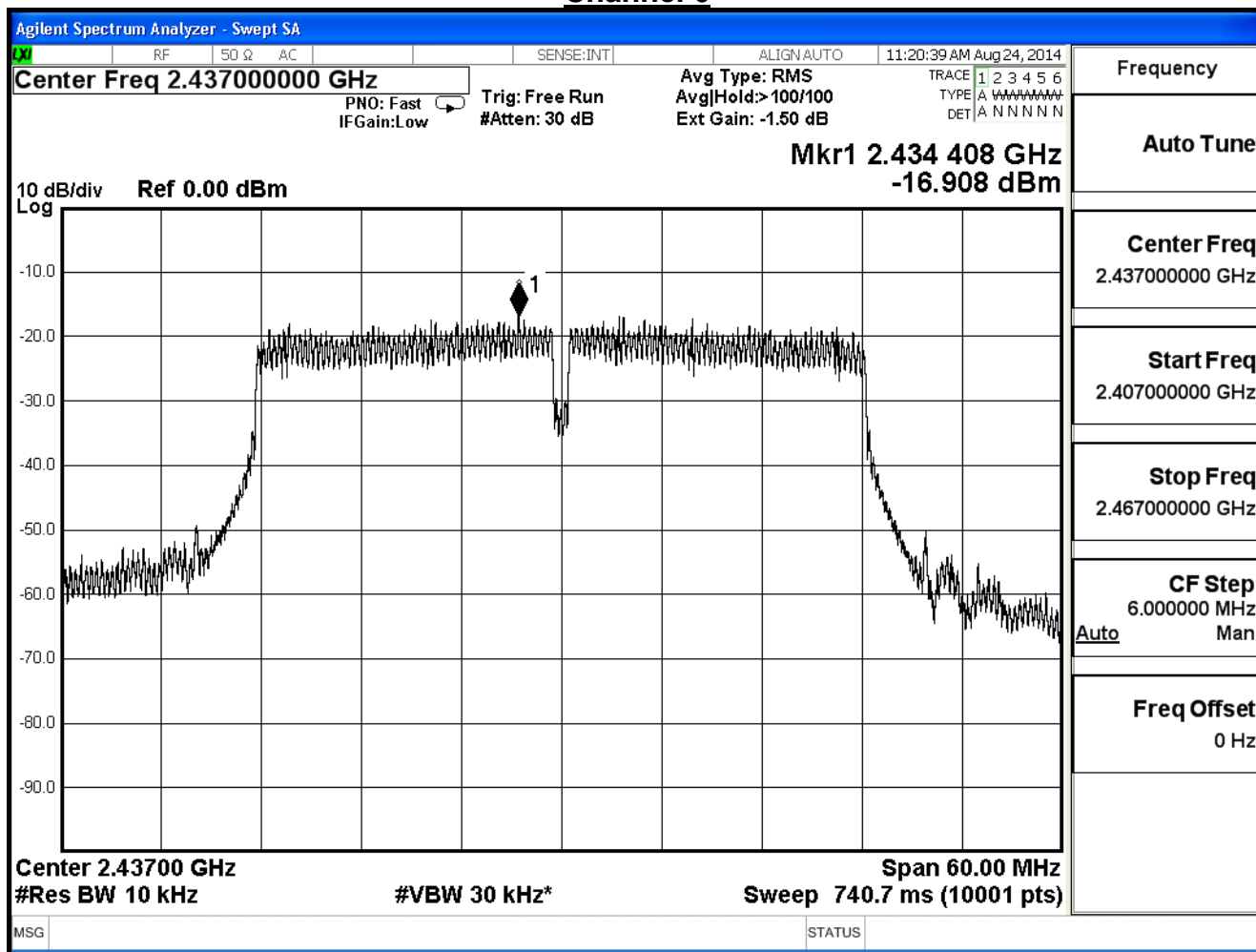
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/24	Test Site	SR7

IEEE 802.11n_40MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
3	2422	-18.075	≤ 8	Pass
6	2437	-16.908	≤ 8	Pass
9	2452	-15.580	≤ 8	Pass

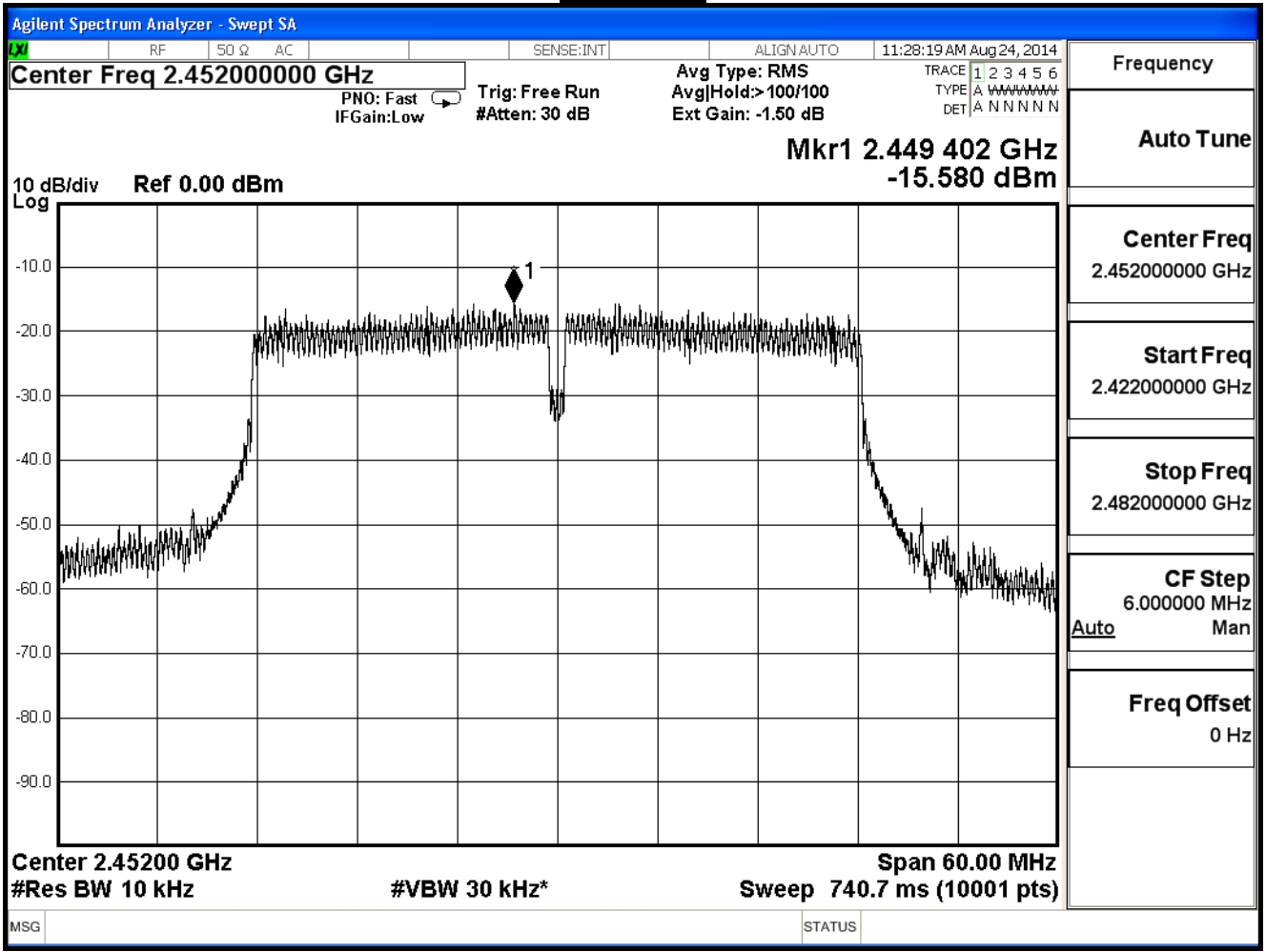
Channel 3



Channel 6



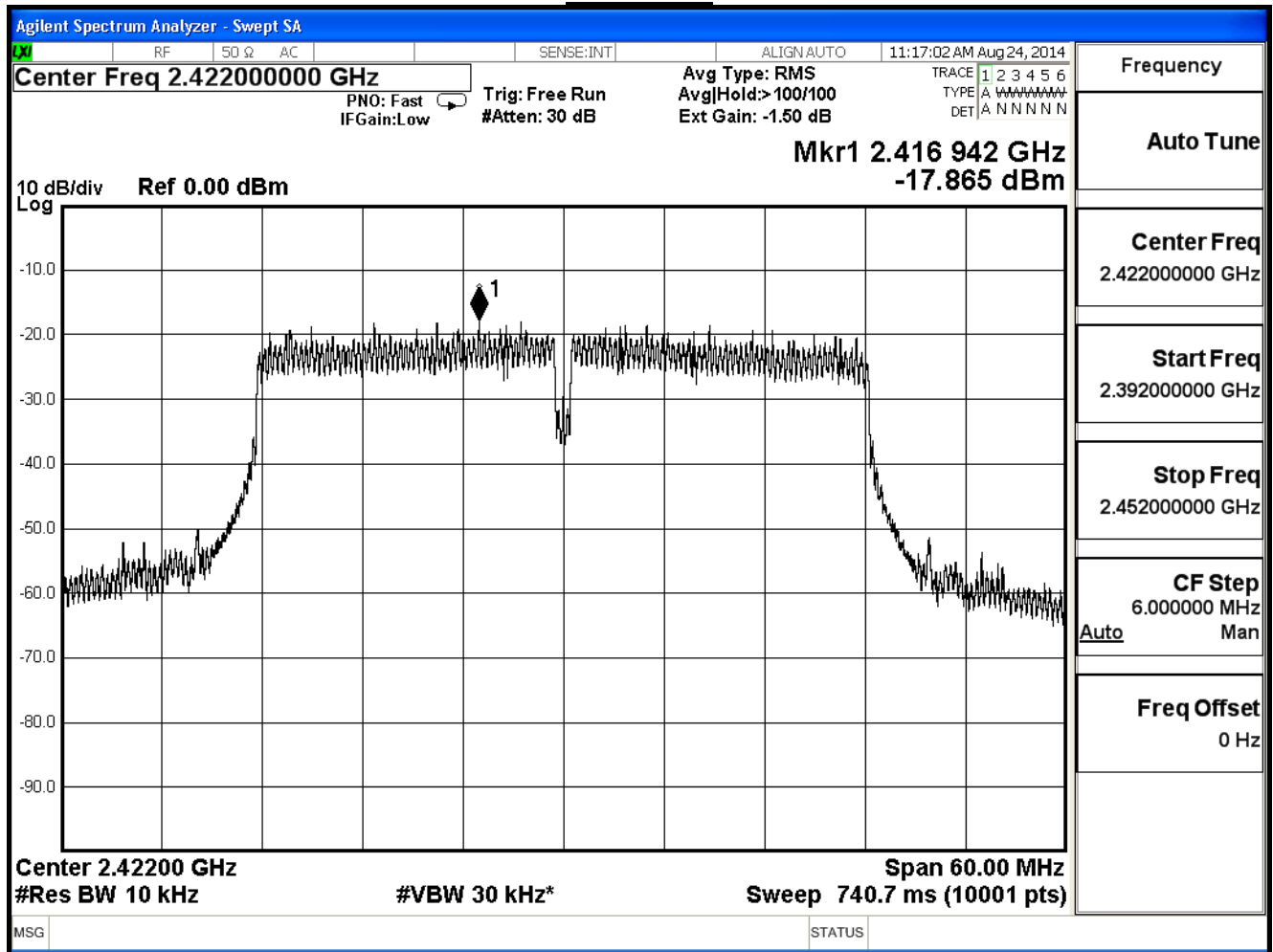
Channel 9



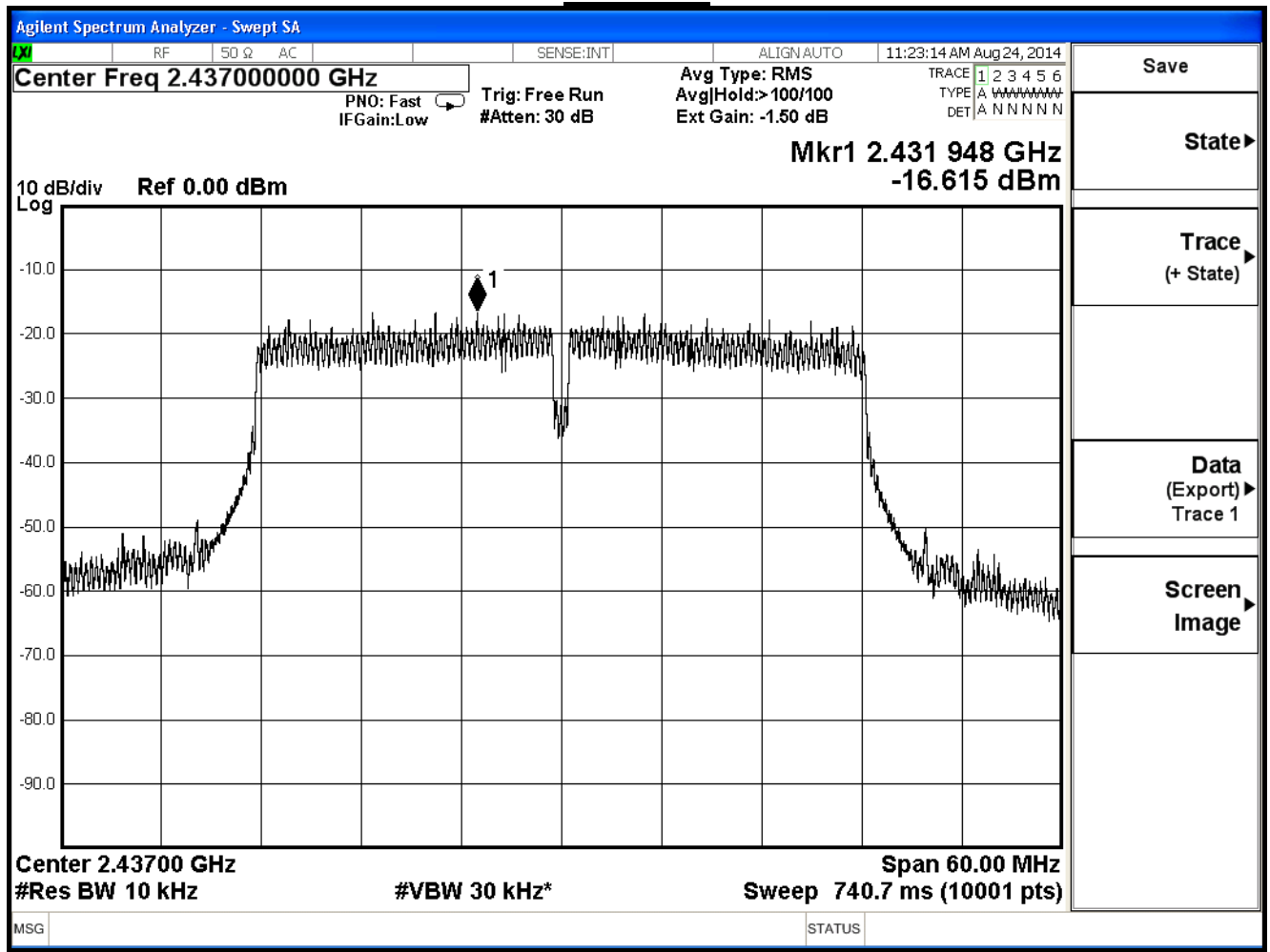
Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/24	Test Site	SR7

IEEE 802.11n_40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-17.865	≤ 8	Pass
6	2437	-16.615	≤ 8	Pass
9	2452	-15.028	≤ 8	Pass

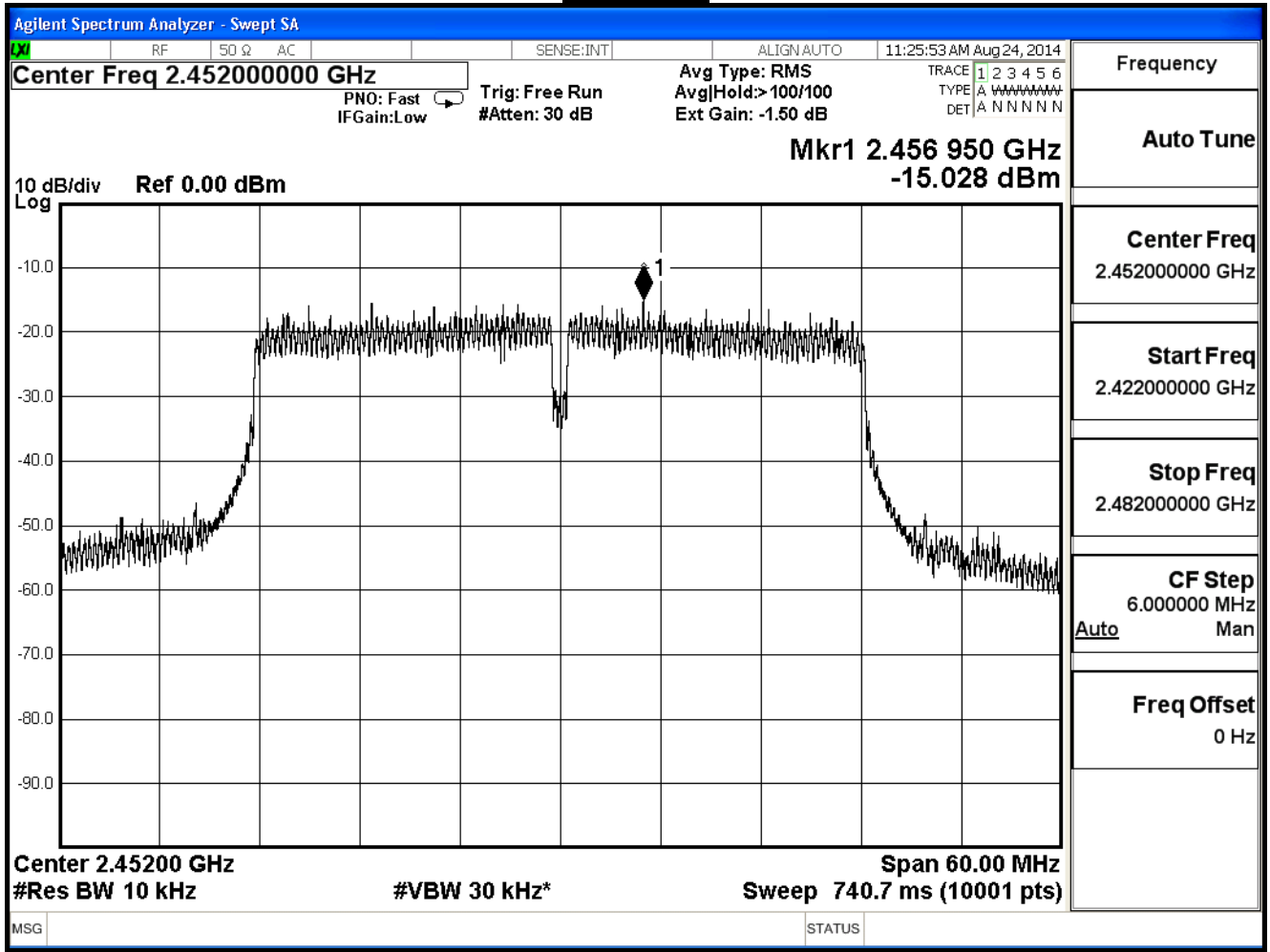
Channel 3



Channel 6



Channel 9



Product	Dual-band Wireless-AC1300 USB Adapter		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (MIMO Mode)		
Date of Test	2014/08/24	Test Site	SR7

IEEE802.11n 40MHz(ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-14.958	≤ 8	Pass
6	2437	-13.749	≤ 8	Pass
9	2452	-12.285	≤ 8	Pass