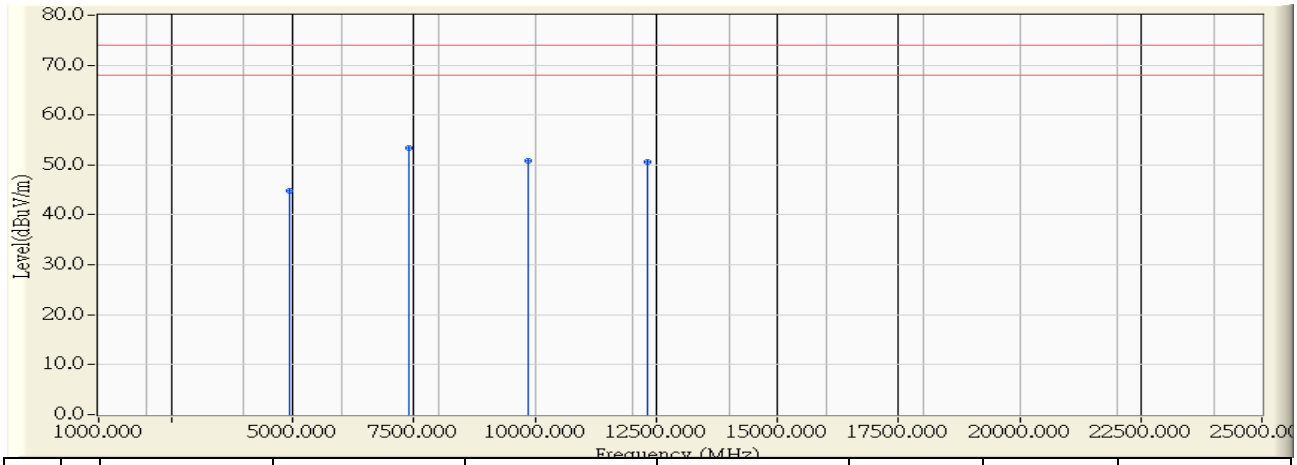
Site : CB1	**Time : 2014/03/20 - 19:00**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2462MHz**

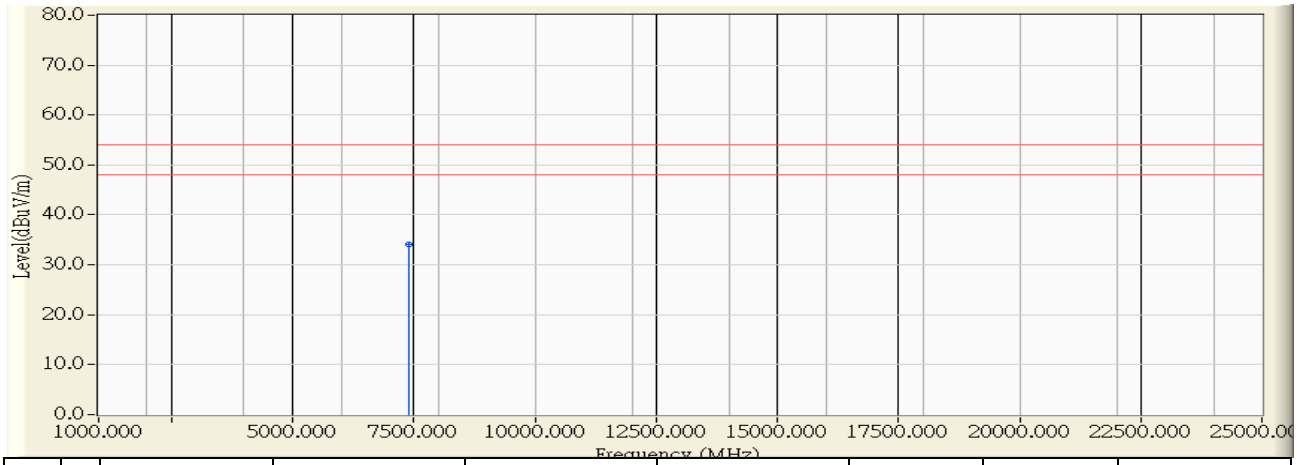


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4924.000	-0.373	45.230	44.857	-29.143	74.000	PEAK
2	*	7386.000	5.770	47.630	53.400	-20.600	74.000	PEAK
3		9848.000	10.521	40.250	50.771	-23.229	74.000	PEAK
4		12310.000	11.001	39.710	50.711	-23.289	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/03/20 - 19:01**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11g_2462MHz**

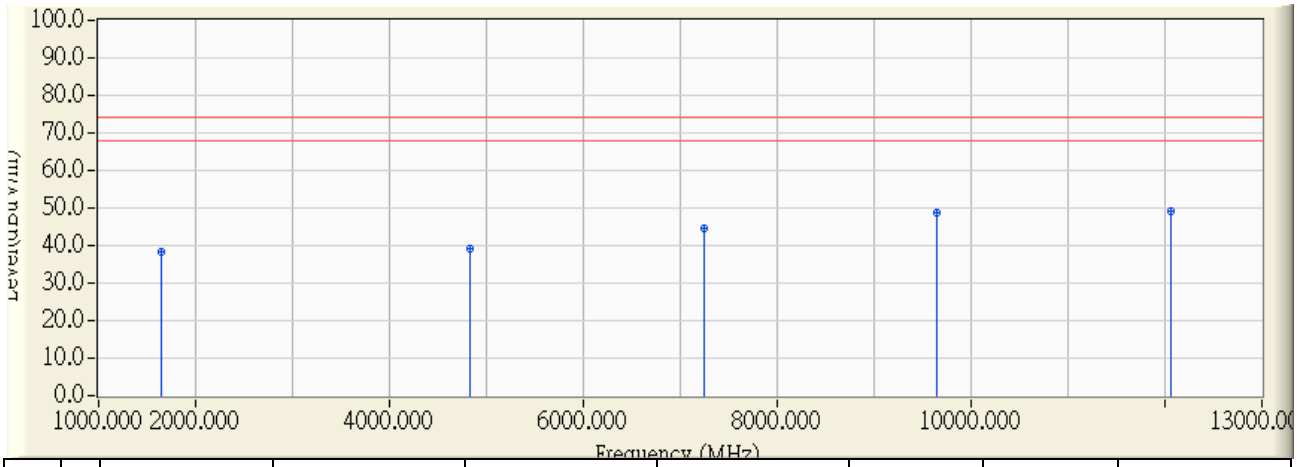


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7386.000	5.770	28.330	34.100	-19.900	54.000	AVERAGE

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. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 20:37**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2412MHz**

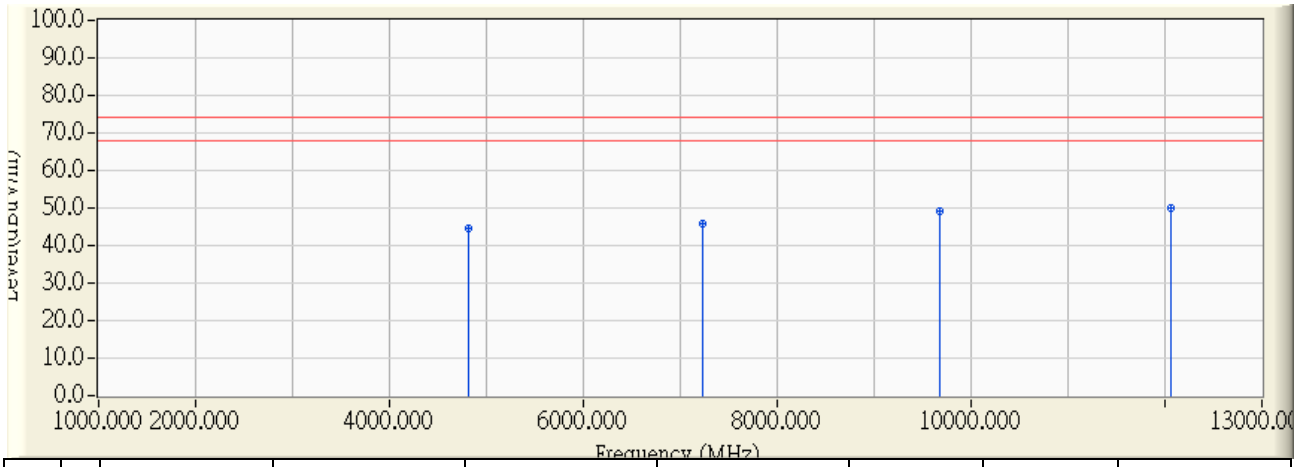


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1640.150	-8.693	46.980	38.287	-35.713	74.000	PEAK
2		4833.720	-0.592	39.750	39.157	-34.843	74.000	PEAK
3		7240.340	5.455	39.110	44.565	-29.435	74.000	PEAK
4		9650.030	9.239	39.360	48.599	-25.401	74.000	PEAK
5	*	12059.220	11.115	38.220	49.336	-24.664	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 20:37**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2412MHz**

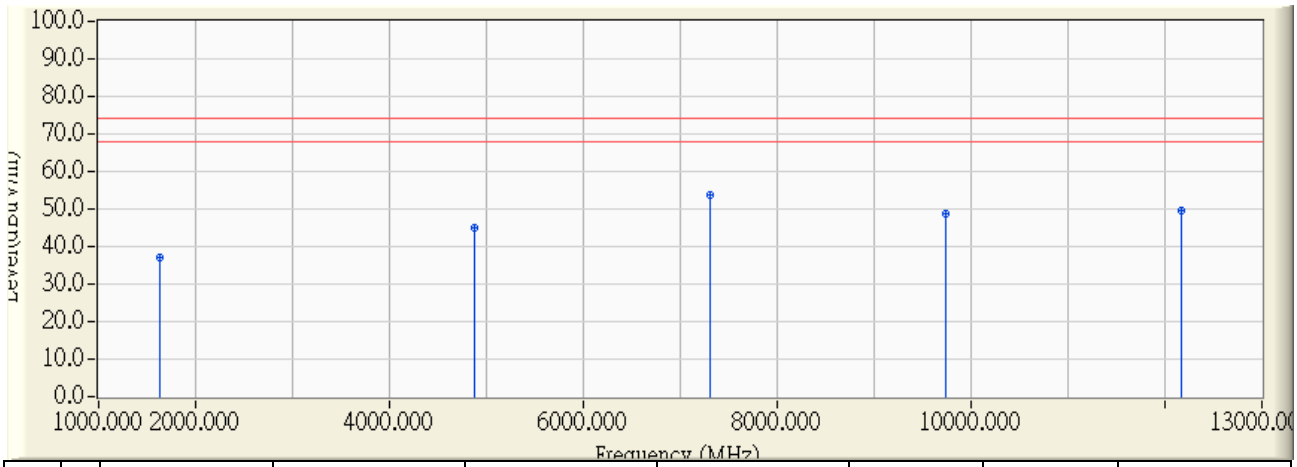


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4818.950	-0.629	45.390	44.761	-29.239	74.000	PEAK
2		7226.400	5.425	40.330	45.754	-28.246	74.000	PEAK
3		9671.725	9.379	39.660	49.039	-24.961	74.000	PEAK
4	*	12062.325	11.115	38.920	50.034	-23.966	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 21:05**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

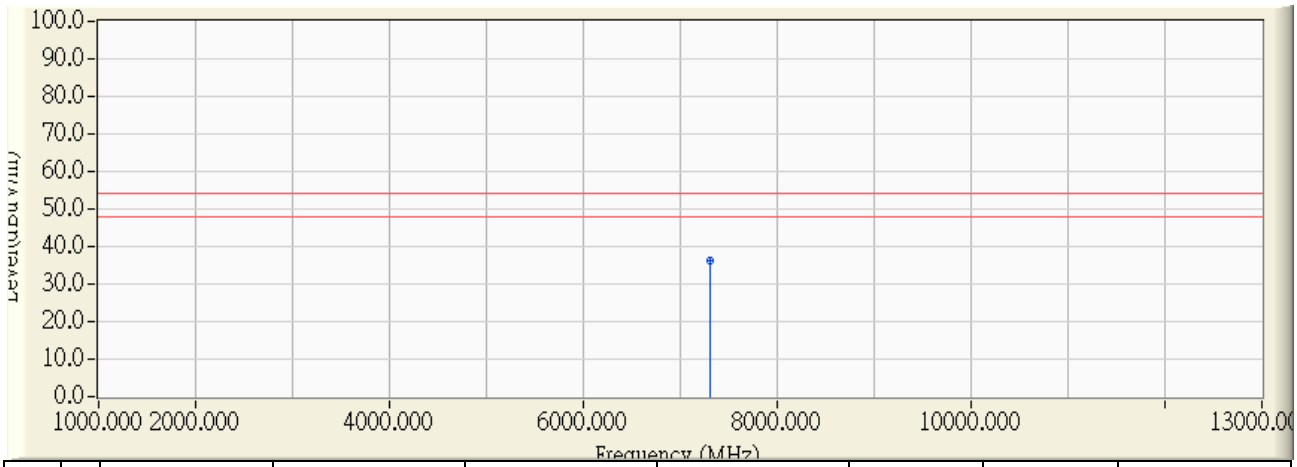


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1631.800	-8.719	46.000	37.281	-36.719	74.000	PEAK
2		4874.225	-0.493	45.330	44.836	-29.164	74.000	PEAK
3	*	7306.650	5.598	48.060	53.658	-20.342	74.000	PEAK
4		9735.575	9.792	38.930	48.723	-25.277	74.000	PEAK
5		12169.900	11.065	38.690	49.755	-24.245	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/30 - 20:54**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

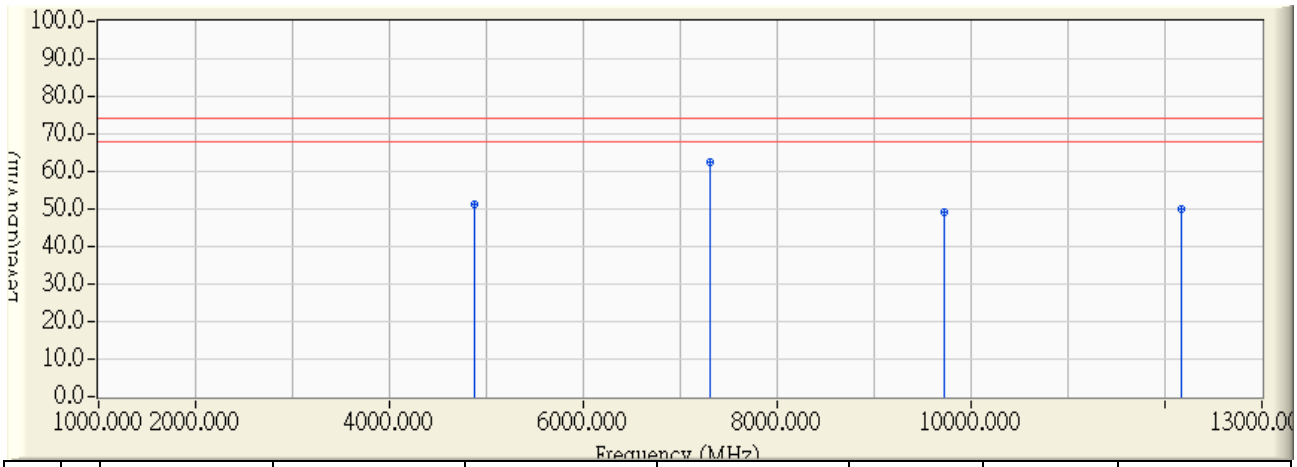


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	7313.950	5.614	30.480	36.094	-17.906	54.000	AVERAGE

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. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 21:10**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

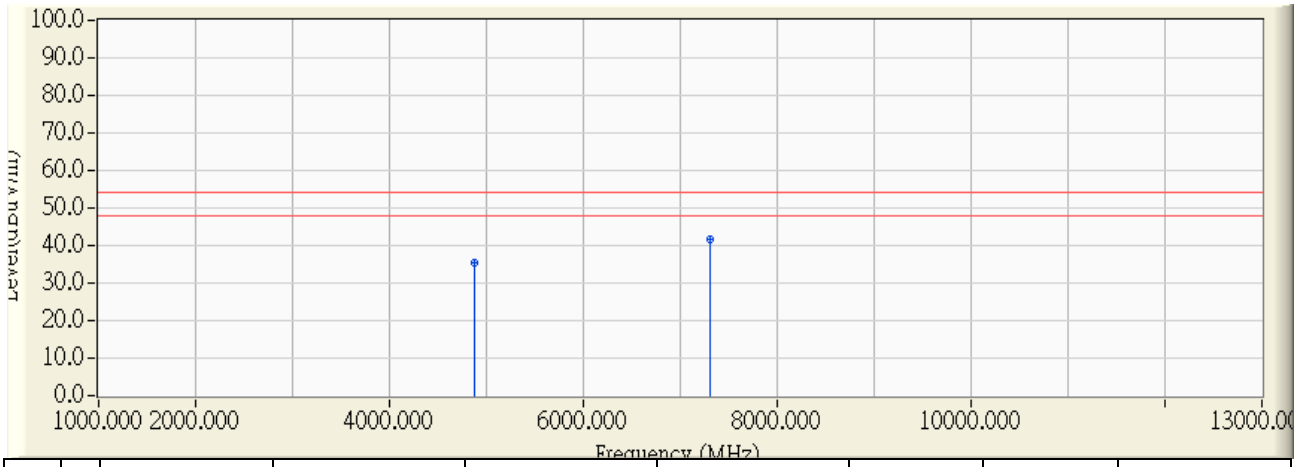


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.400	-0.493	51.770	51.276	-22.724	74.000	PEAK
2	*	7309.800	5.605	56.790	62.395	-11.605	74.000	PEAK
3		9723.700	9.715	39.560	49.276	-24.724	74.000	PEAK
4		12171.025	11.065	38.950	50.015	-23.985	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/30 - 20:54**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz**

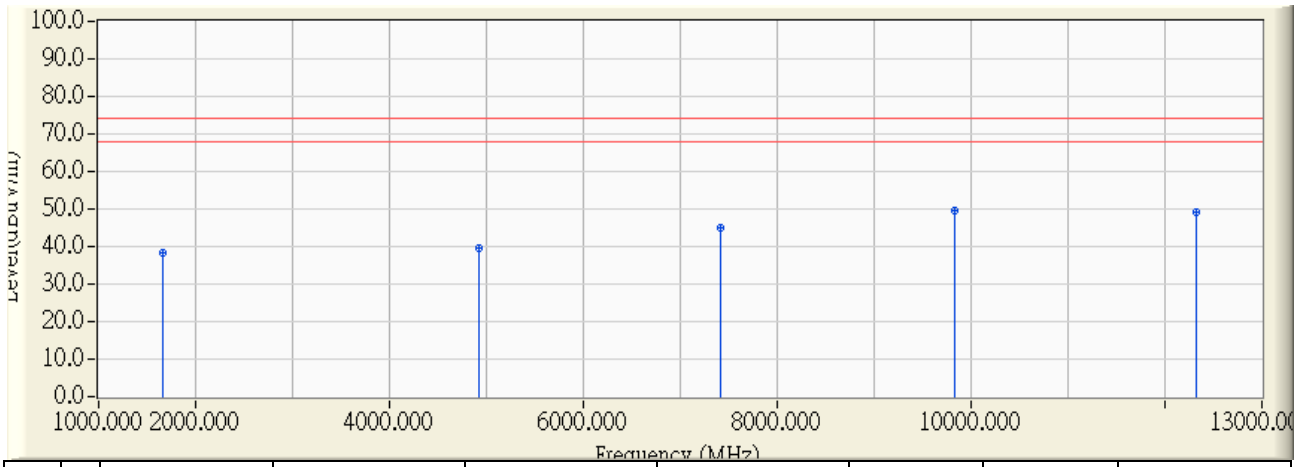


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.075	-0.495	35.820	35.326	-18.674	54.000	AVERAGE
2	*	7311.425	5.609	35.900	41.508	-12.492	54.000	AVERAGE

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. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 21:37**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2462MHz**

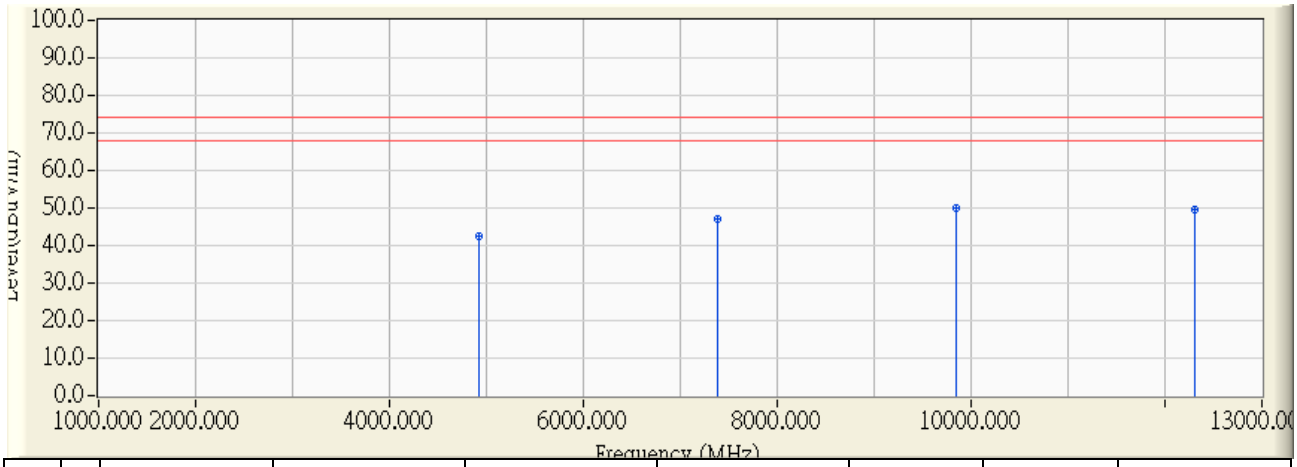


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1668.200	-8.605	47.020	38.416	-35.584	74.000	PEAK
2		4916.175	-0.392	40.080	39.688	-34.312	74.000	PEAK
3		7410.525	5.823	39.150	44.973	-29.027	74.000	PEAK
4	*	9837.750	10.454	39.280	49.734	-24.266	74.000	PEAK
5		12325.475	10.994	38.310	49.304	-24.696	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 21:44**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2462MHz**

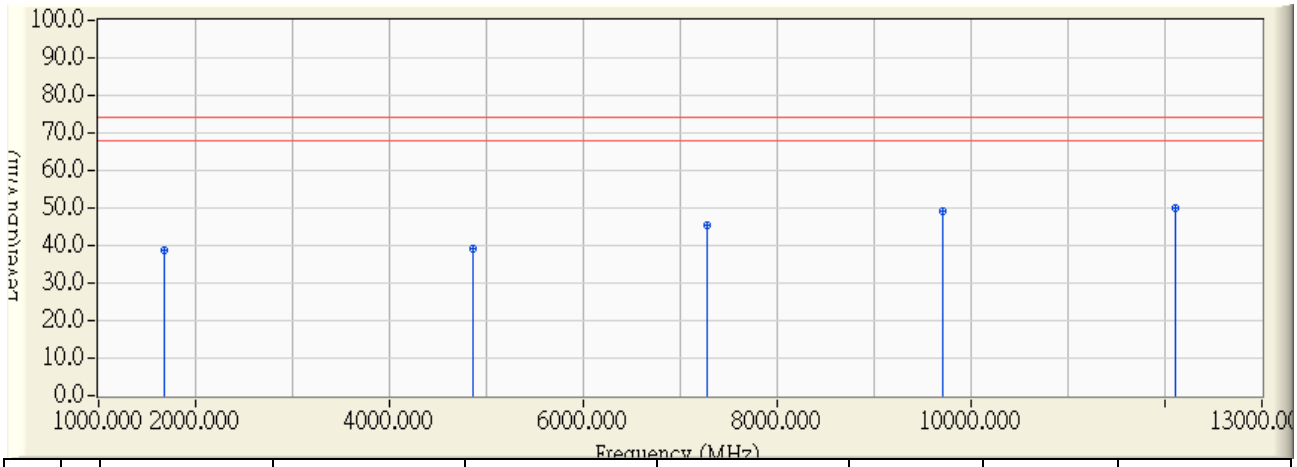


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4920.100	-0.382	42.950	42.568	-31.432	74.000	PEAK
2		7380.130	5.757	41.250	47.007	-26.993	74.000	PEAK
3	*	9841.300	10.478	39.650	50.127	-23.873	74.000	PEAK
4		12309.790	11.001	38.560	49.561	-24.439	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 22:05**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2422MHz**

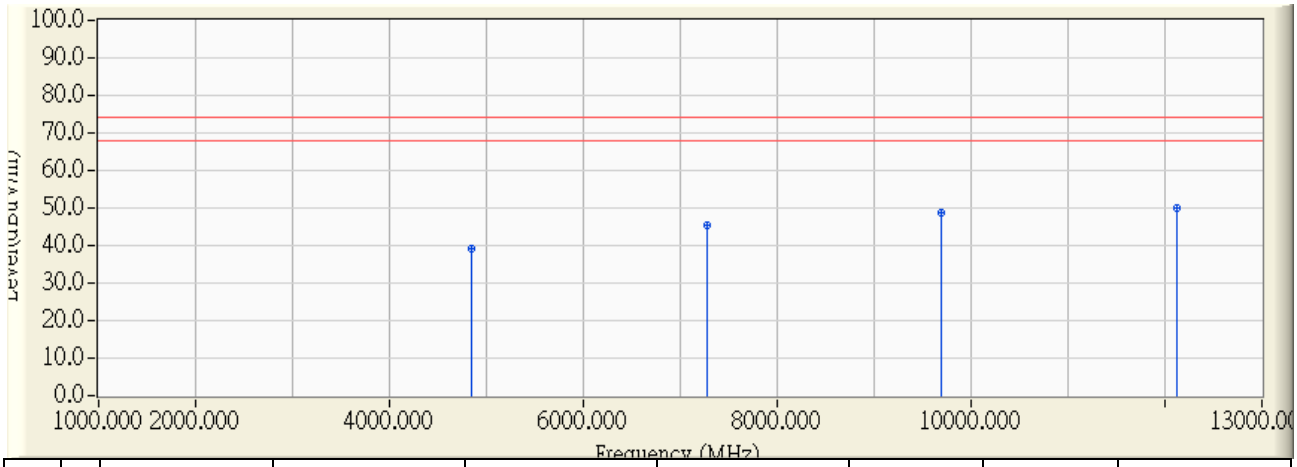


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1680.250	-8.567	47.200	38.634	-35.366	74.000	PEAK
2		4855.800	-0.540	39.750	39.211	-34.789	74.000	PEAK
3		7283.650	5.548	40.020	45.568	-28.432	74.000	PEAK
4		9700.450	9.566	39.690	49.255	-24.745	74.000	PEAK
5	*	12107.800	11.093	39.030	50.124	-23.876	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 22:10**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2422MHz**

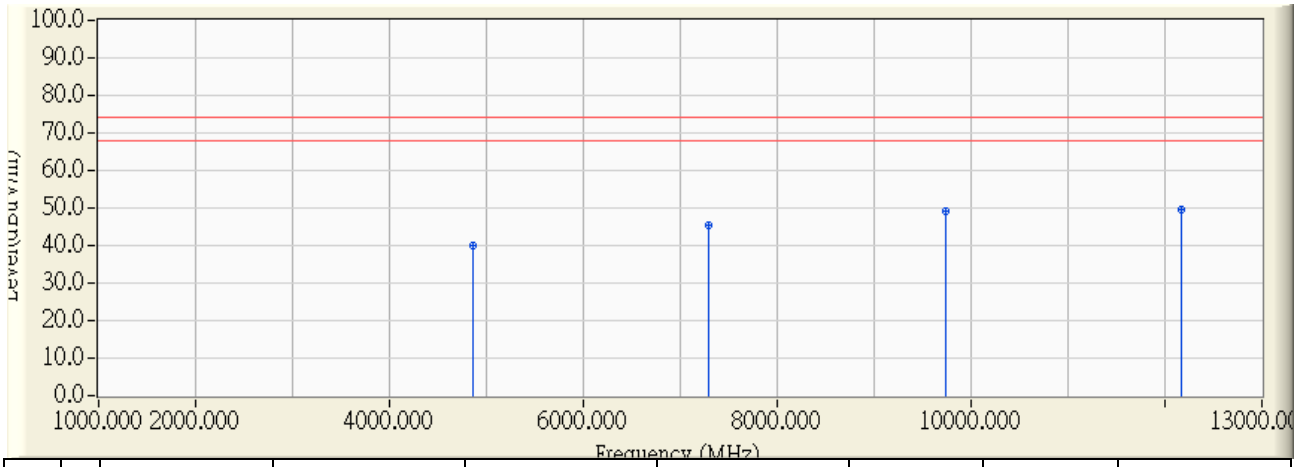


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4849.890	-0.553	39.810	39.257	-34.743	74.000	PEAK
2		7274.440	5.528	39.740	45.268	-28.732	74.000	PEAK
3		9691.020	9.504	39.220	48.724	-25.276	74.000	PEAK
4	*	12116.740	11.090	38.940	50.029	-23.971	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 22:22**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz**

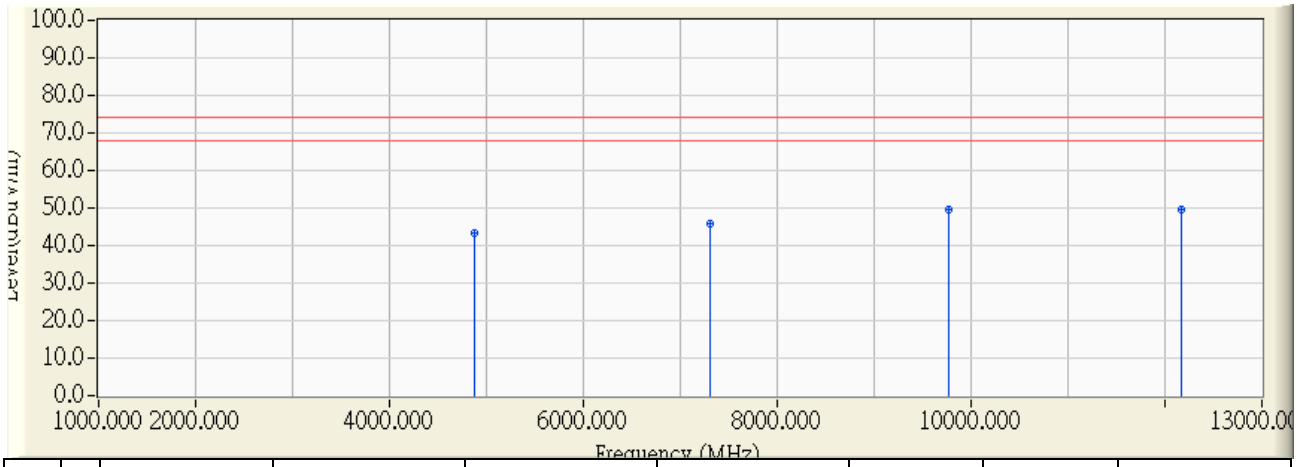


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4854.600	-0.542	40.360	39.818	-34.182	74.000	PEAK
2		7298.800	5.581	39.800	45.381	-28.619	74.000	PEAK
3		9742.125	9.836	39.210	49.045	-24.955	74.000	PEAK
4	*	12163.825	11.068	38.700	49.768	-24.232	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 22:34**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz**

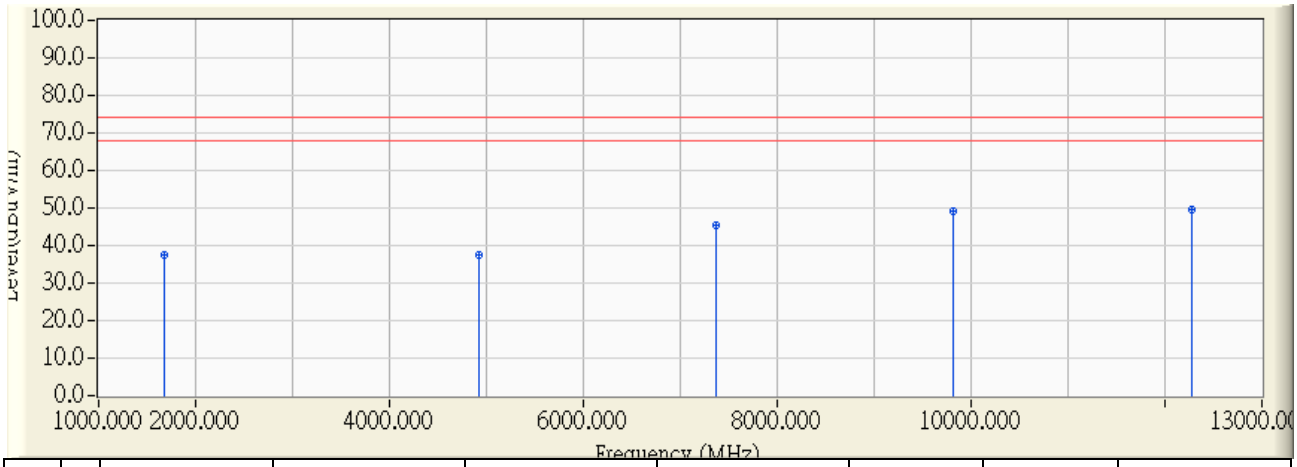


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.200	-0.493	43.870	43.376	-30.624	74.000	PEAK
2		7301.575	5.587	40.390	45.977	-28.023	74.000	PEAK
3	*	9770.950	10.022	39.690	49.712	-24.288	74.000	PEAK
4		12161.950	11.069	38.340	49.409	-24.591	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 22:47**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2452MHz**

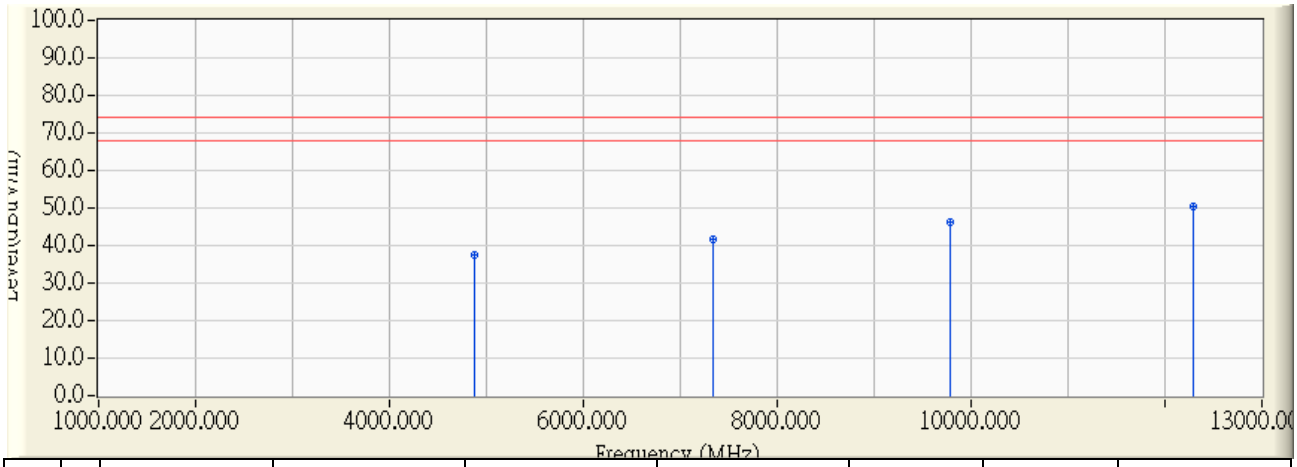


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1671.050	-8.596	46.250	37.655	-36.345	74.000	PEAK
2		4923.650	-0.373	37.770	37.396	-36.604	74.000	PEAK
3		7375.450	5.747	39.640	45.387	-28.613	74.000	PEAK
4		9821.150	10.347	39.000	49.347	-24.653	74.000	PEAK
5	*	12273.375	11.018	38.620	49.638	-24.362	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.
7. The Emission above 18GHz were not included is because their levels are too low.

Site : CB1	**Time : 2014/04/29 - 23:00**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : RT-N18U 2.4GHz 600Mbps High Power Router	**Note : Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2452MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4884.175	-0.469	37.890	37.420	-36.580	74.000	PEAK
2		7333.025	5.655	36.120	41.775	-32.225	74.000	PEAK
3		9792.000	10.158	35.930	46.088	-27.912	74.000	PEAK
4	*	12294.500	11.009	39.410	50.418	-23.582	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.
7. The Emission above 18GHz were not included is because their levels are too low.

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

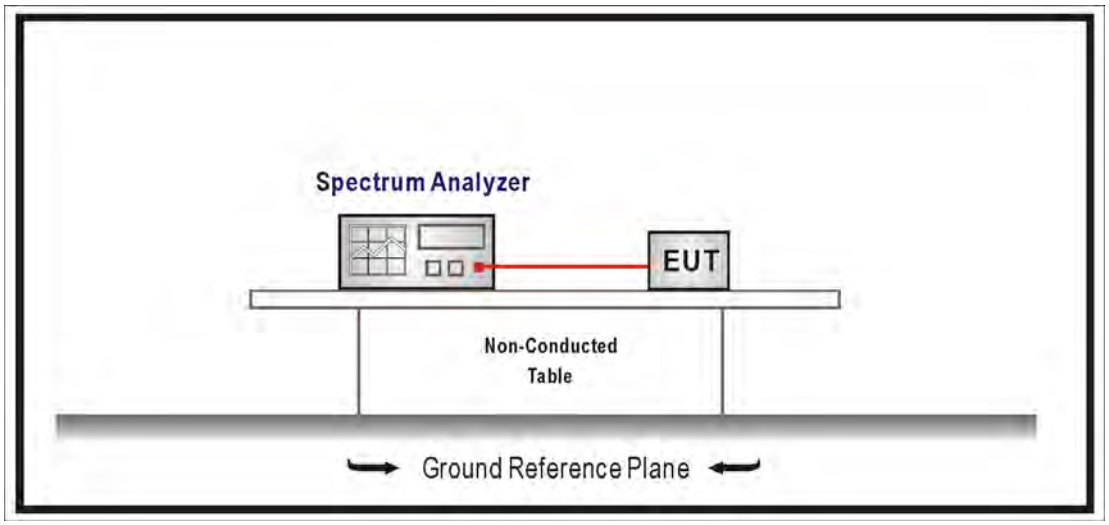
RF antenna conducted test / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2014/08/05

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

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

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

5.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure section 11.0 of KDB558074 v03r01 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100 kHz, Set VBW≧3xRBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2013

5.6. Uncertainty

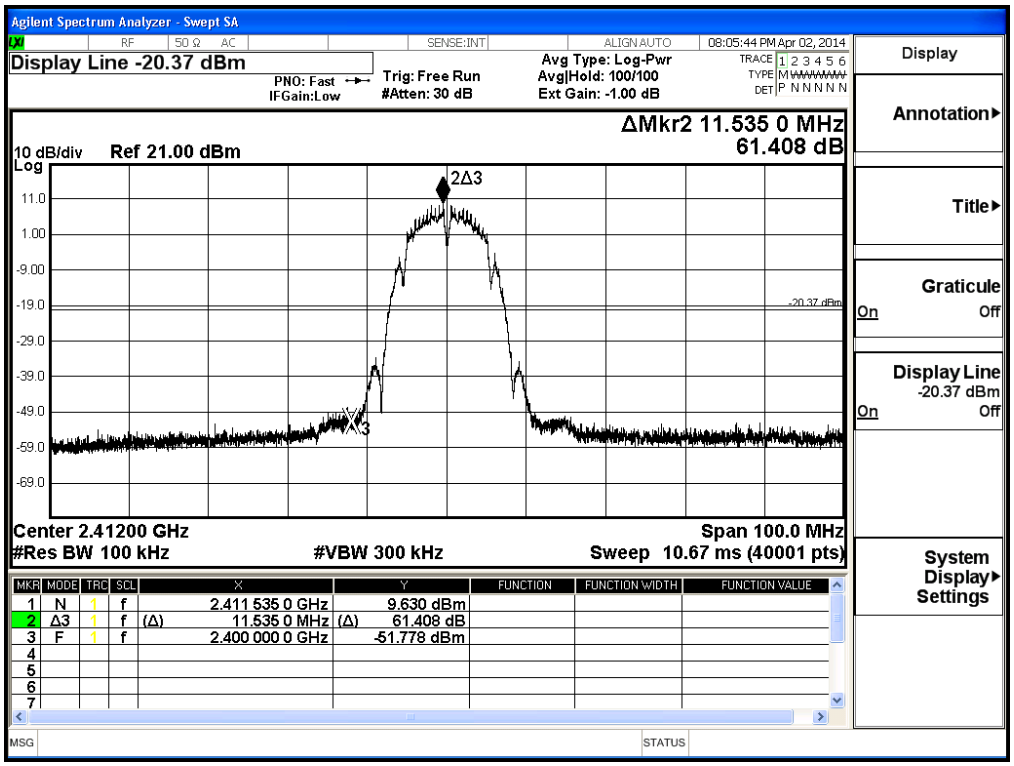
Conducted is defined as ± 1.27dB

5.7. Test Result

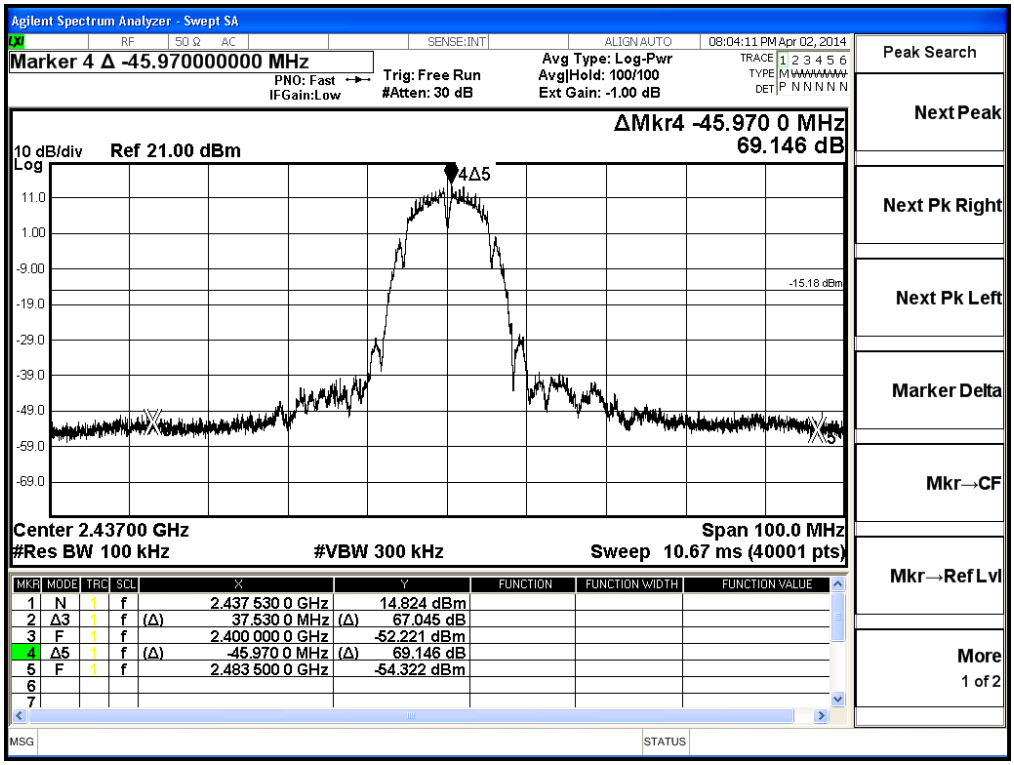
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11b, ANT 0, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	61.408	≧30	Pass
6	2437	69.146	≧30	Pass
11	2462	62.751	≧30	Pass

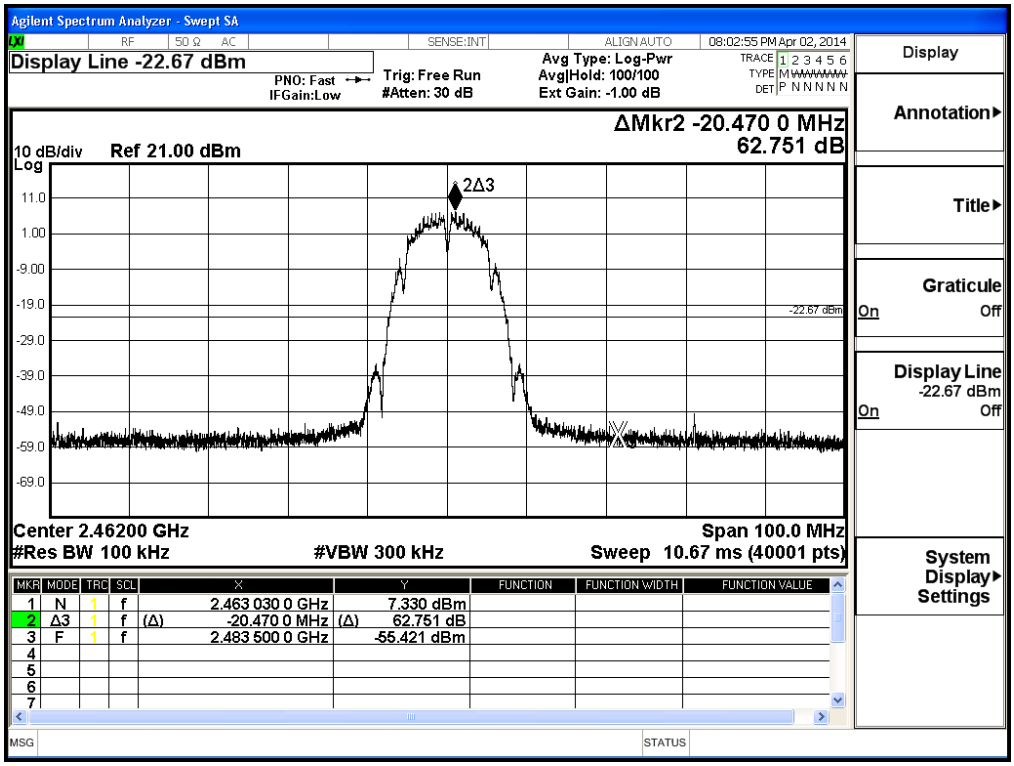
Channel 01 (2412MHz)



Channel 06 (2437MHz)



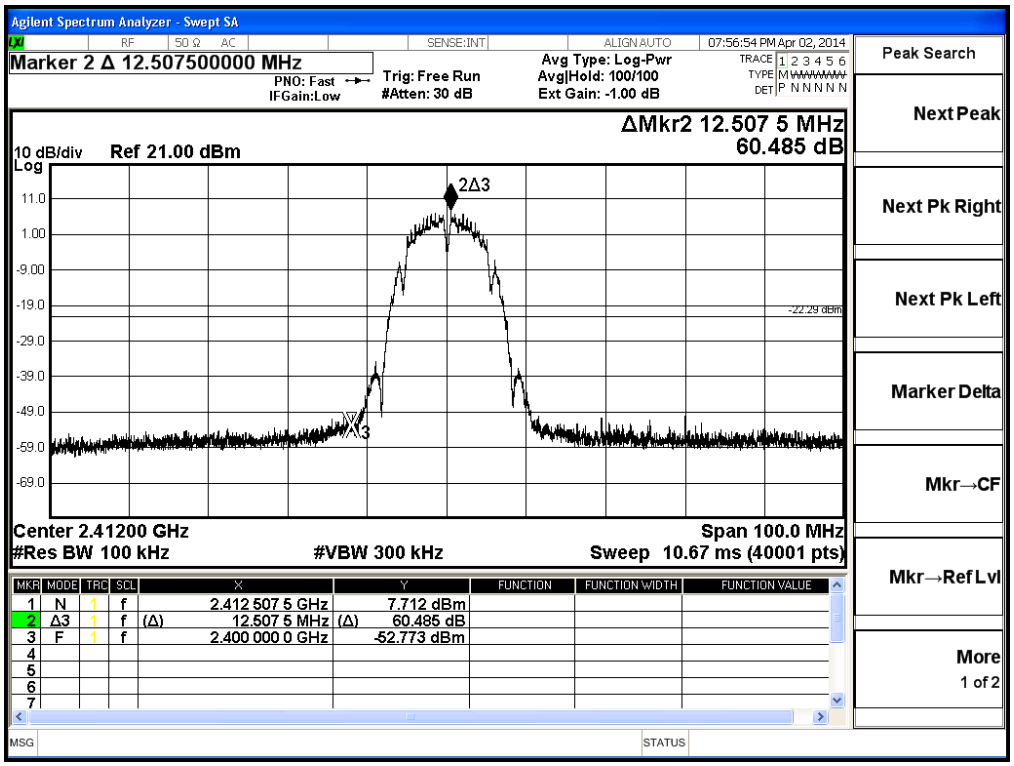
Channel 11 (2462MHz)



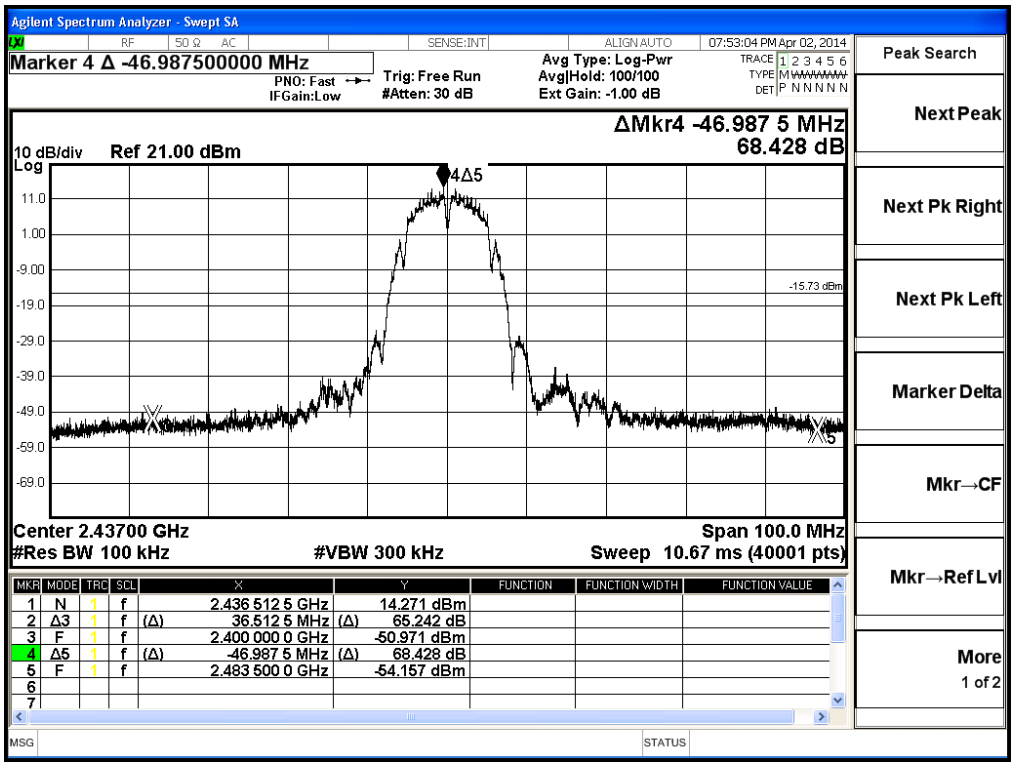
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11b, ANT 1, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	60.485	≧30	Pass
6	2437	65.242	≧30	Pass
11	2462	65.362	≧30	Pass

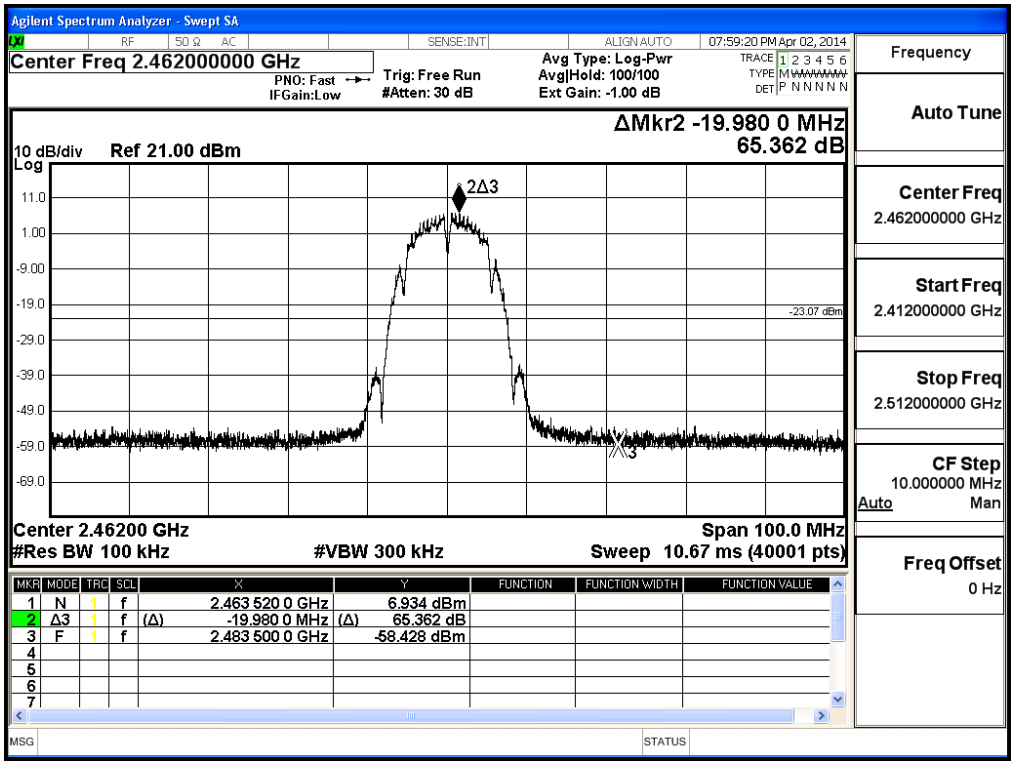
Channel 01 (2412MHz)



Channel 06 (2437MHz)



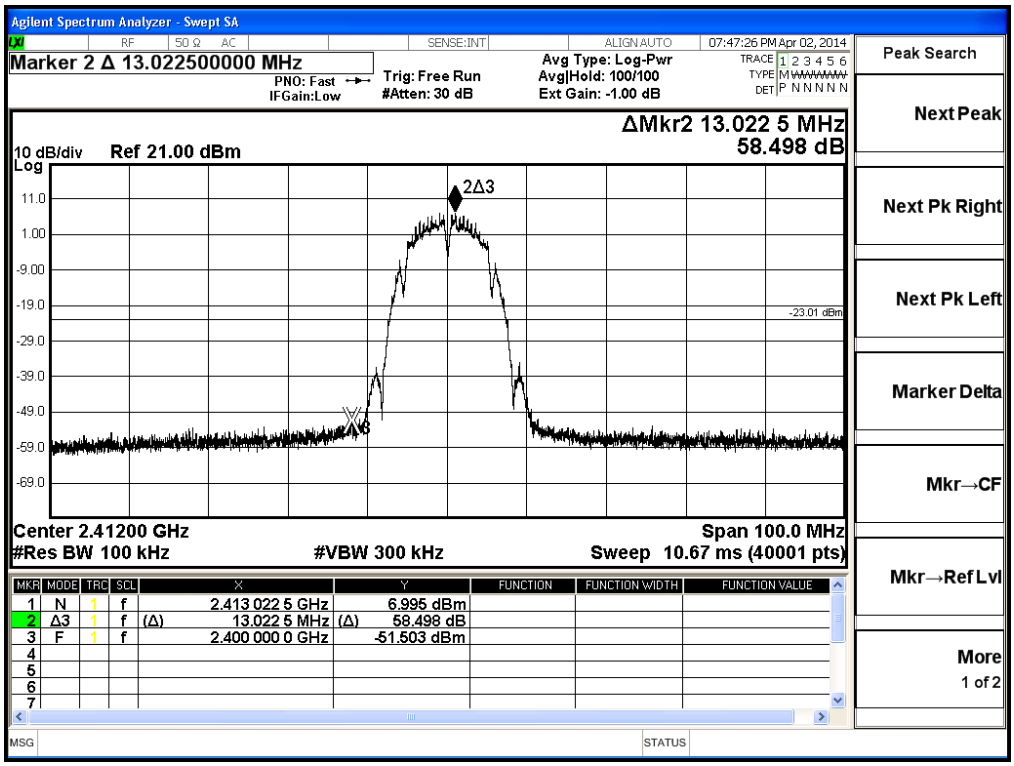
Channel 11 (2462MHz)



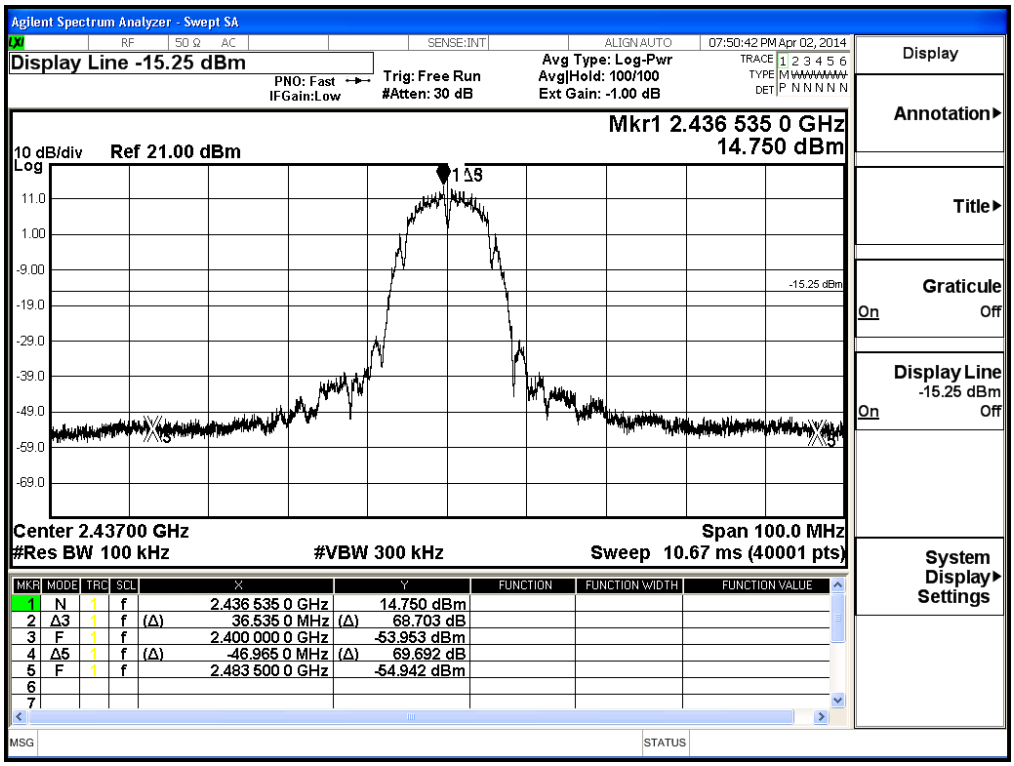
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11b, ANT 2, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	58.498	≧30	Pass
6	2437	68.703	≧30	Pass
11	2462	62.910	≧30	Pass

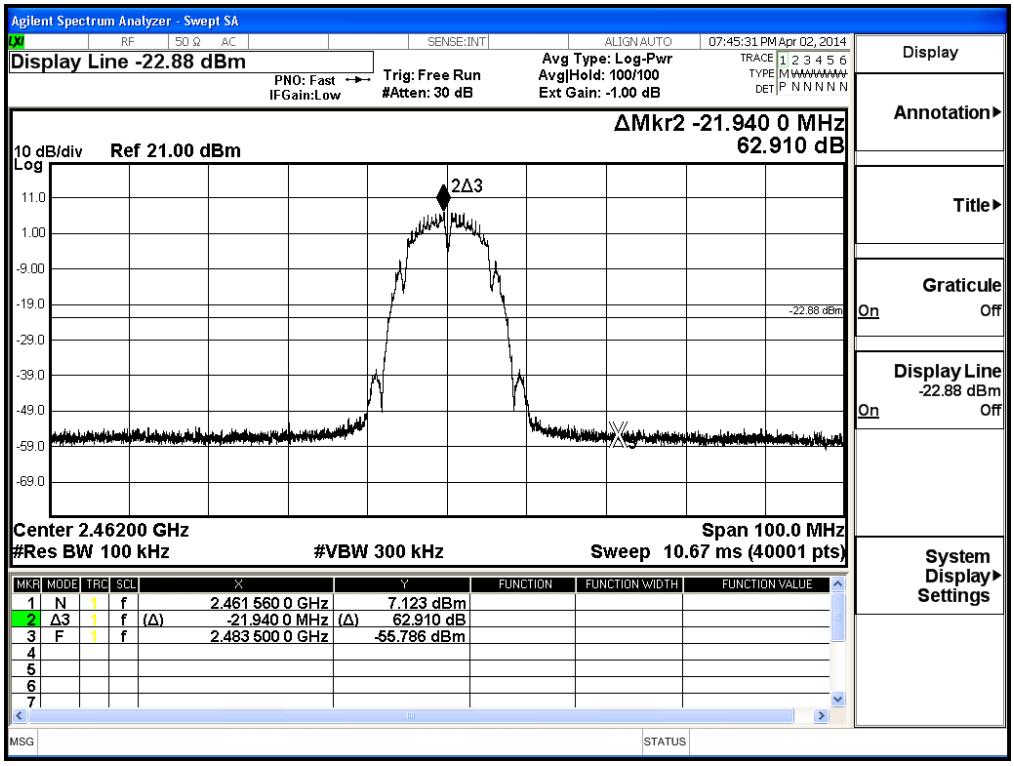
Channel 01 (2412MHz)



Channel 06 (2437MHz)



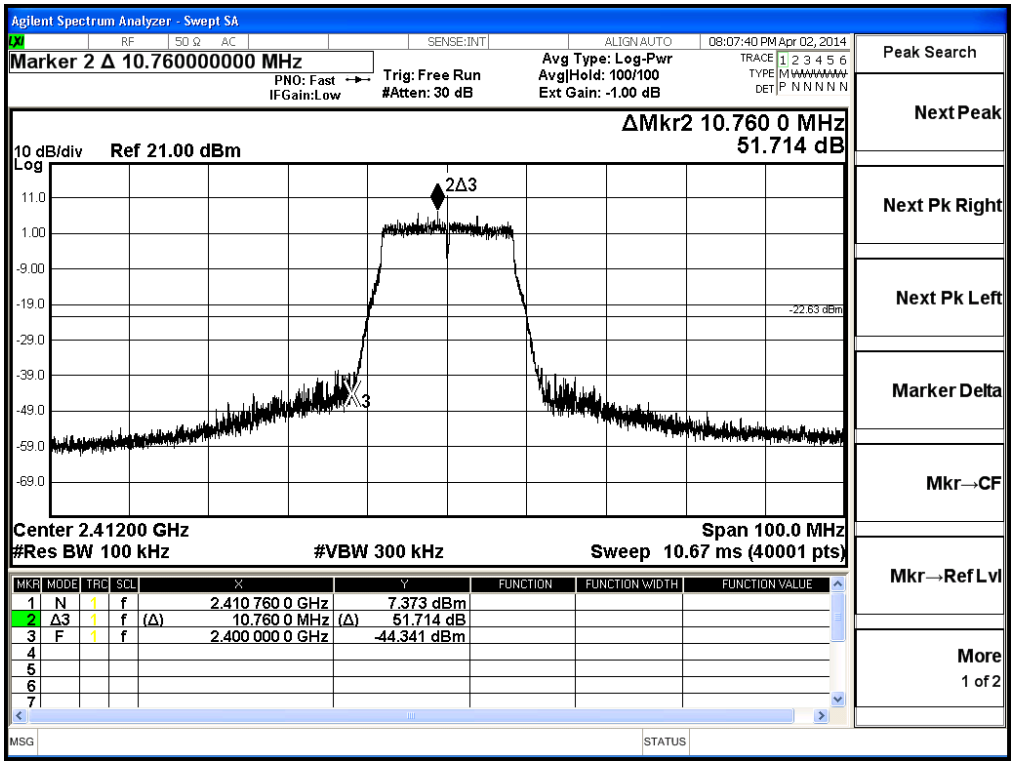
Channel 11 (2462MHz)



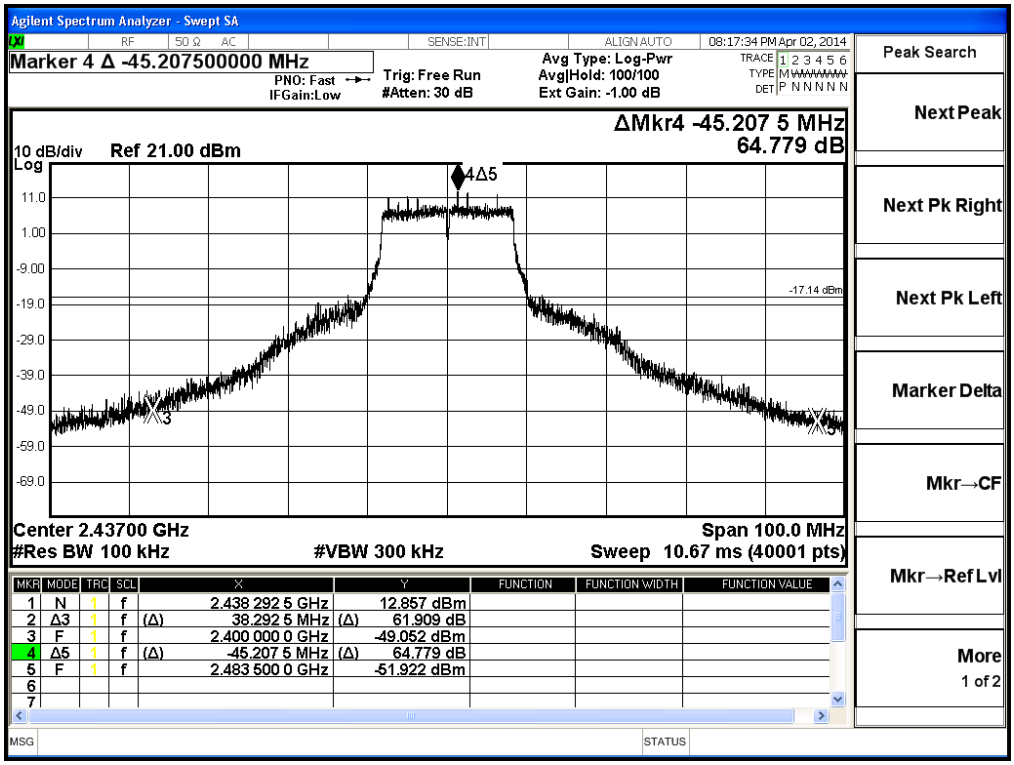
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11g, ANT 0, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	51.714	≧30	Pass
6	2437	61.909	≧30	Pass
11	2462	56.084	≧30	Pass

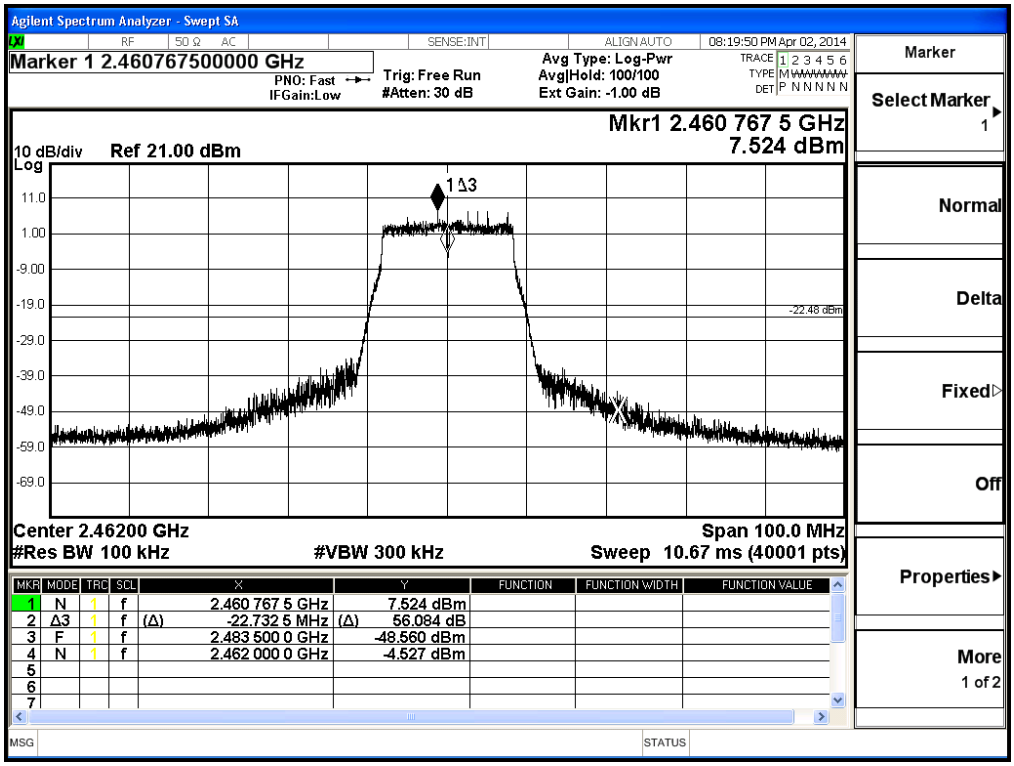
Channel 01 (2412MHz)



Channel 06 (2437MHz)



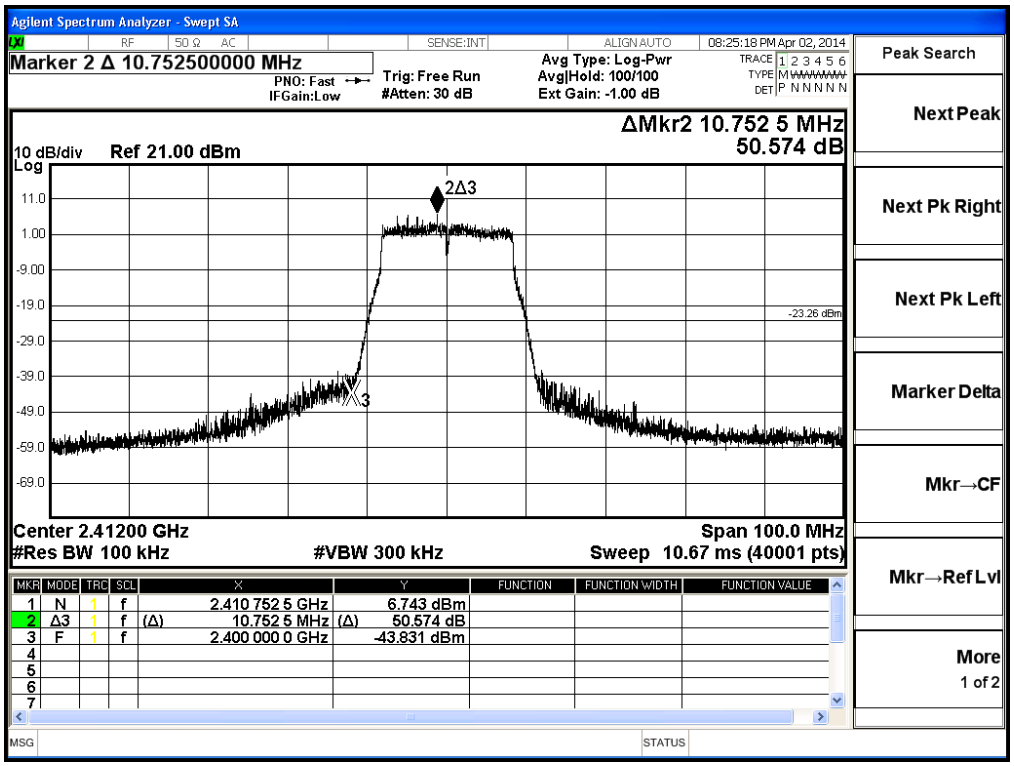
Channel 11 (2462MHz)



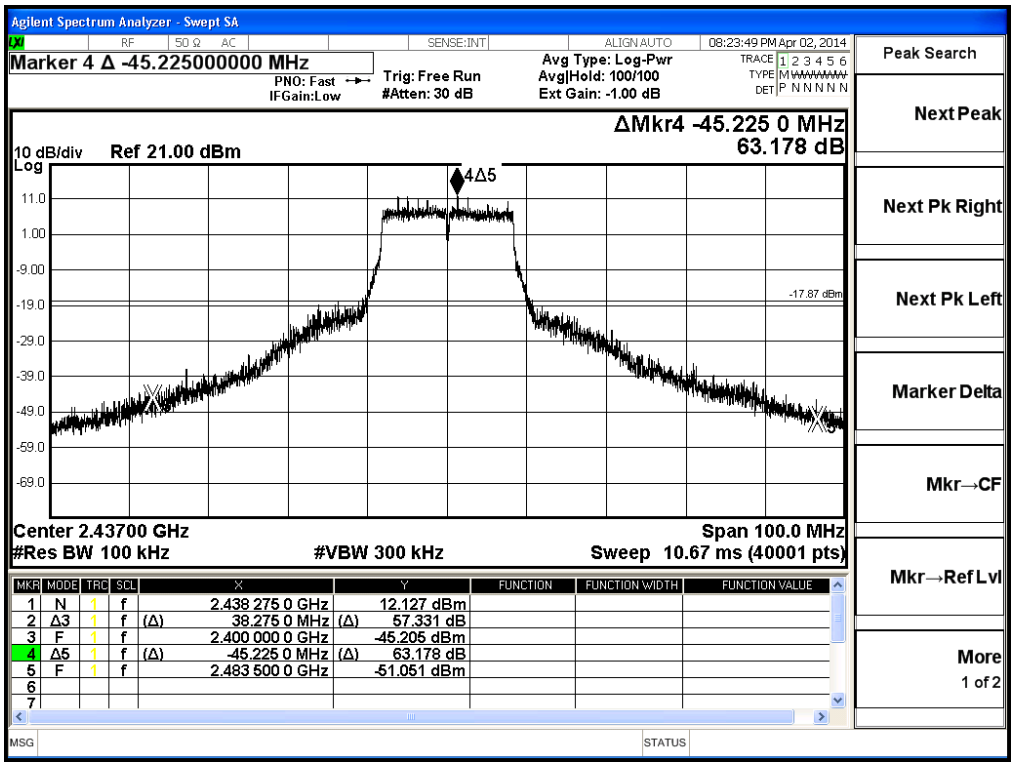
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11g, ANT 1, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	50.574	≧30	Pass
6	2437	57.331	≧30	Pass
11	2462	53.582	≧30	Pass

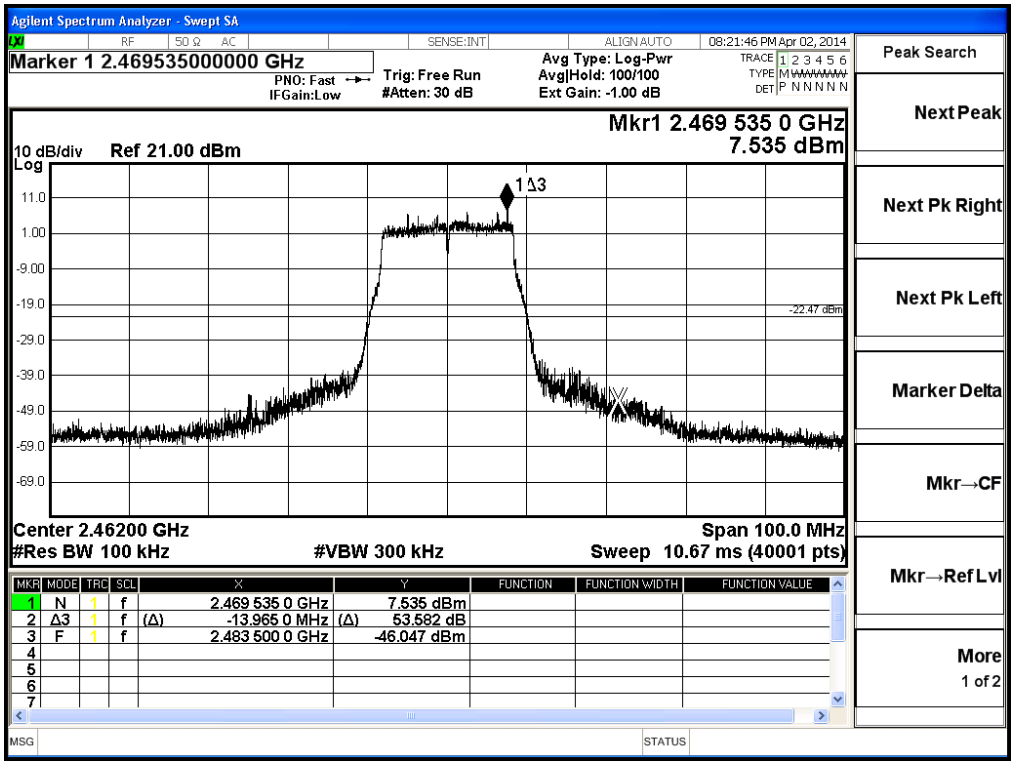
Channel 01 (2412MHz)



Channel 06 (2437MHz)



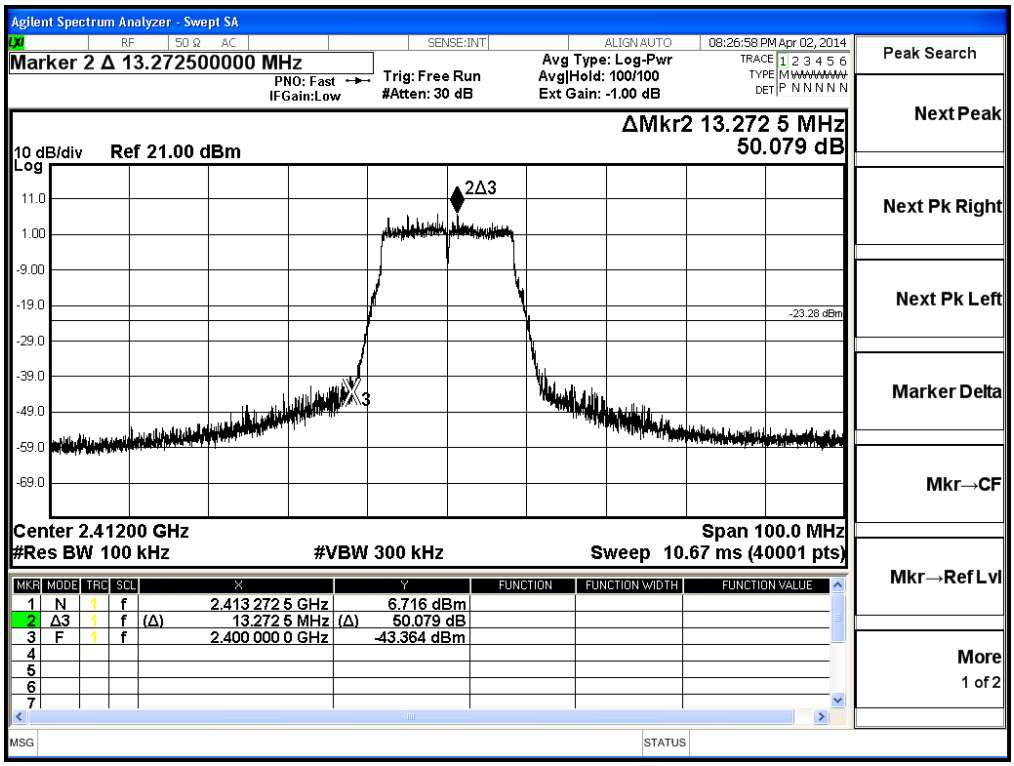
Channel 11 (2462MHz)



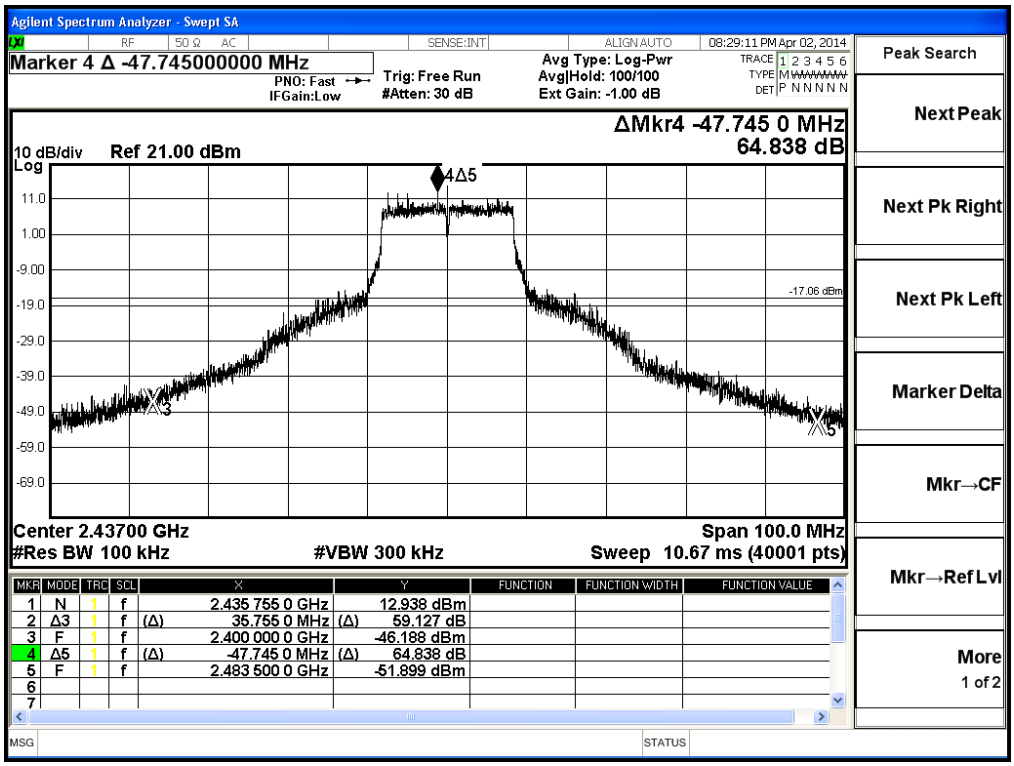
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11g, ANT 2, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	50.079	≧30	Pass
6	2437	59.127	≧30	Pass
11	2462	55.191	≧30	Pass

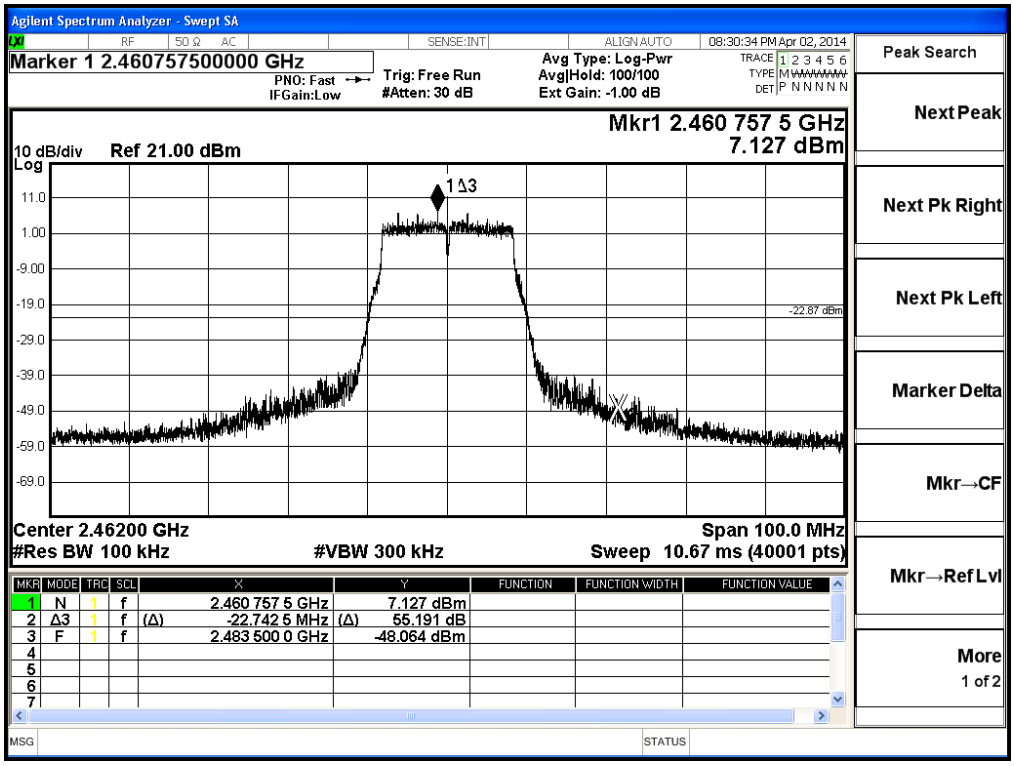
Channel 01 (2412MHz)



Channel 06 (2437MHz)



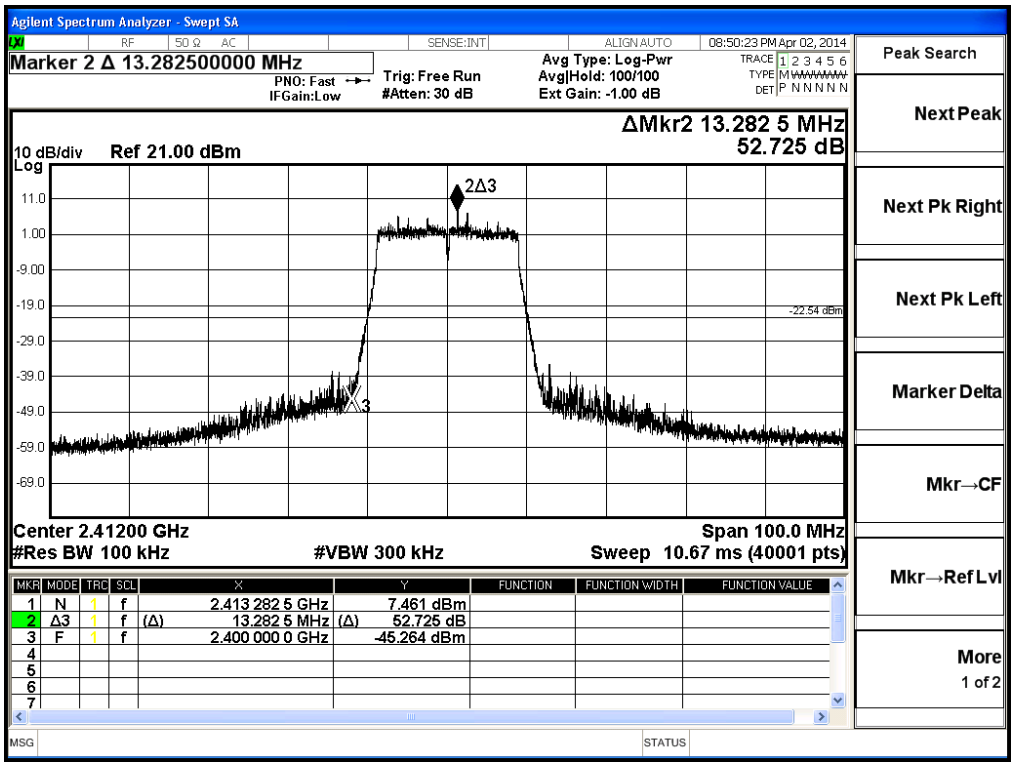
Channel 11 (2462MHz)



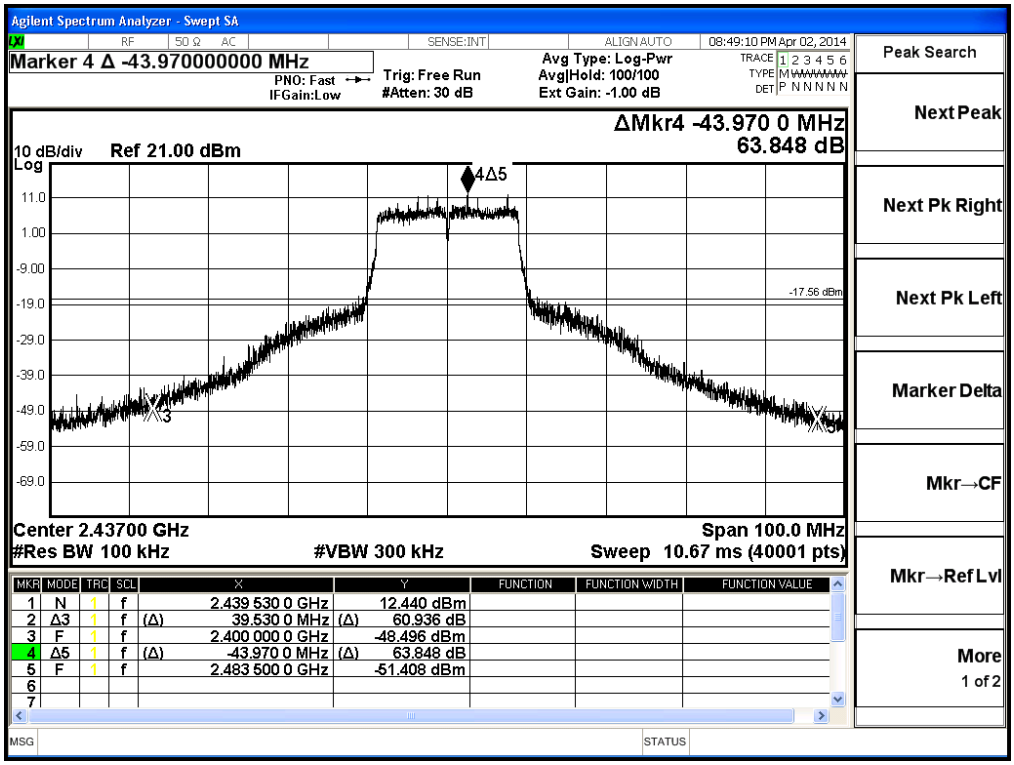
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n (20MHz), ANT 0, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	57.725	≧30	Pass
6	2437	60.936	≧30	Pass
11	2462	60.504	≧30	Pass

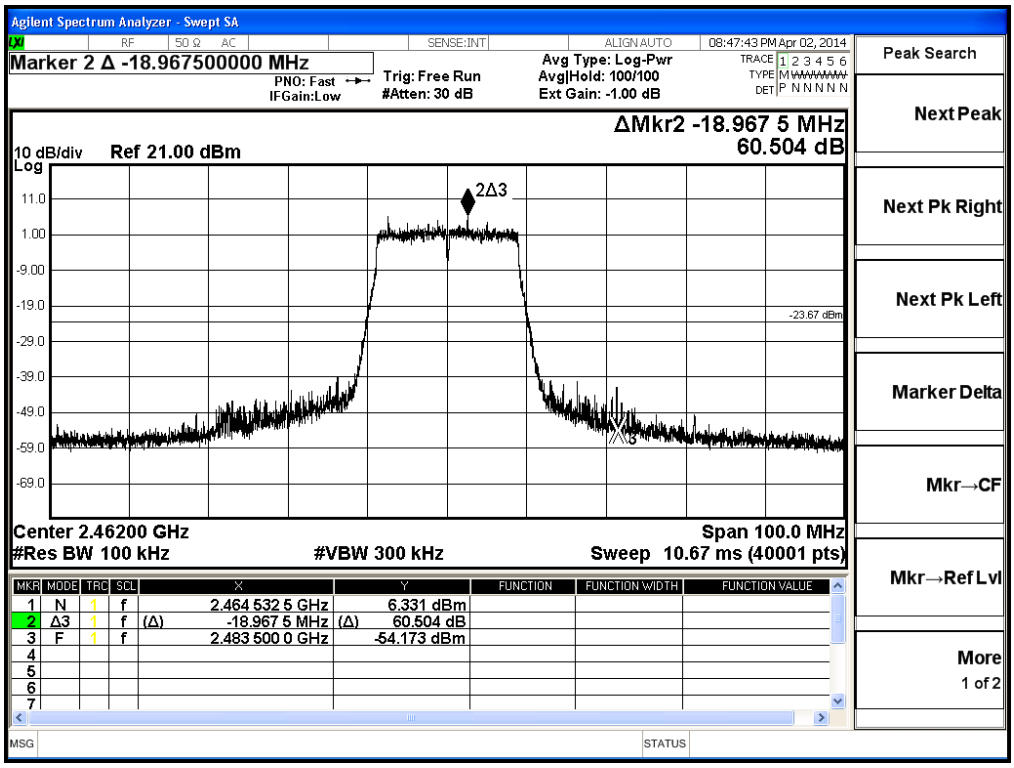
Channel 1 (2412MHz)



Channel 06 (2437MHz)



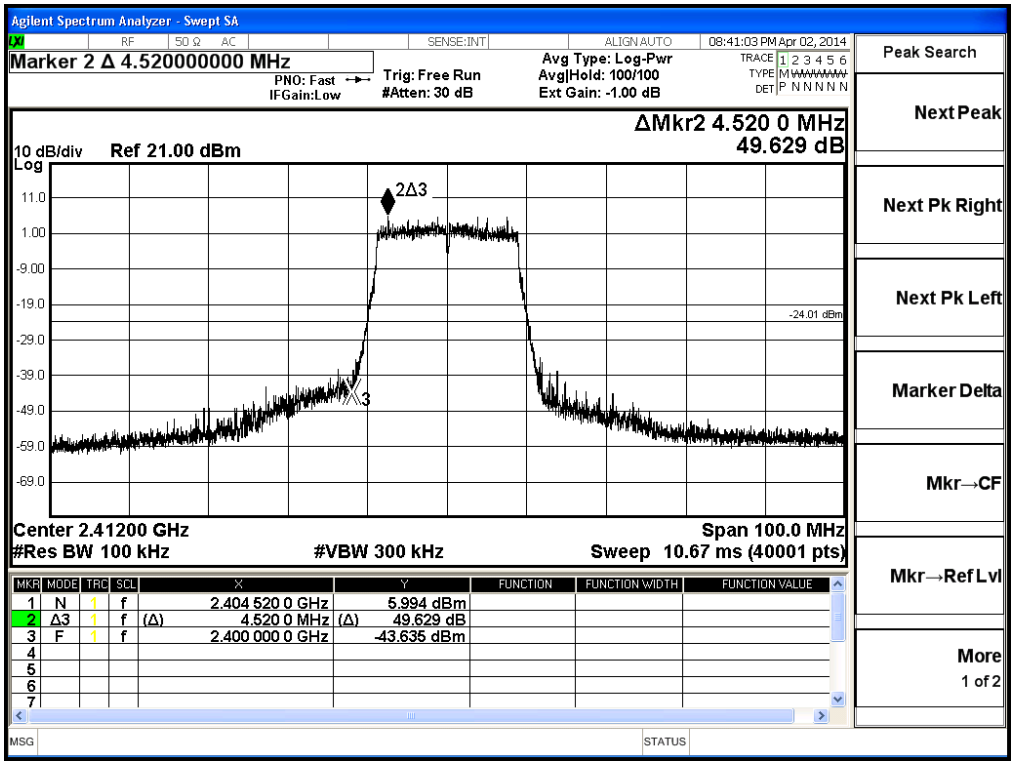
Channel 11 (2462MHz)



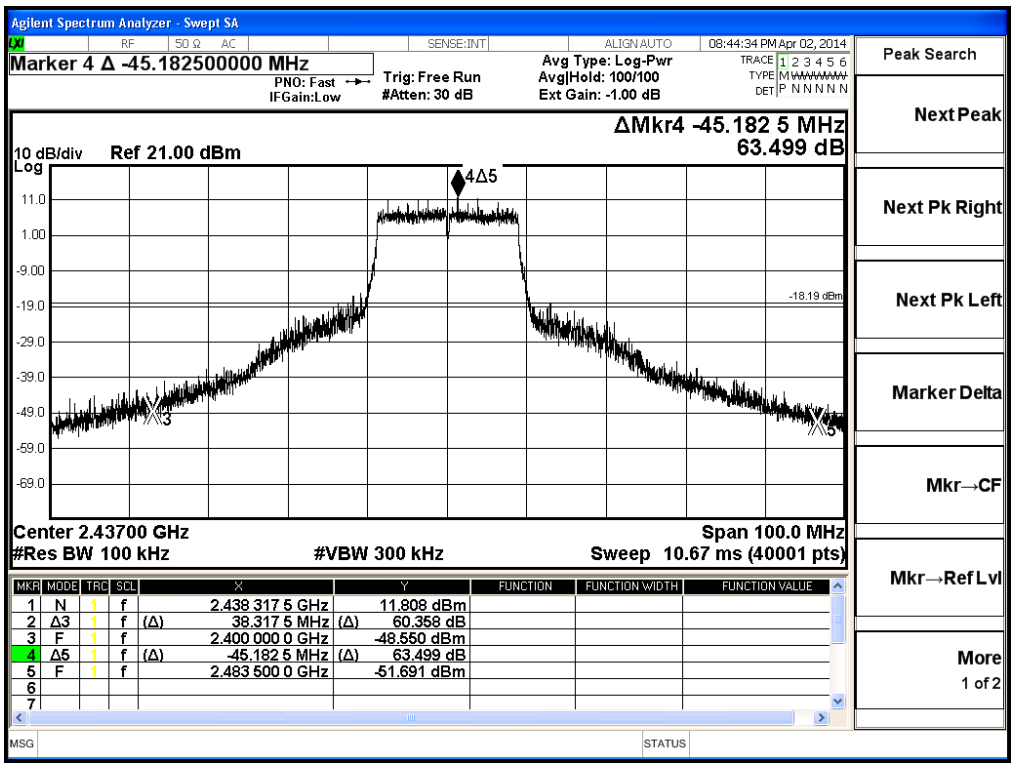
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n (20MHz), ANT 1, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	49.629	≧30	Pass
6	2437	60.358	≧30	Pass
11	2462	59.267	≧30	Pass

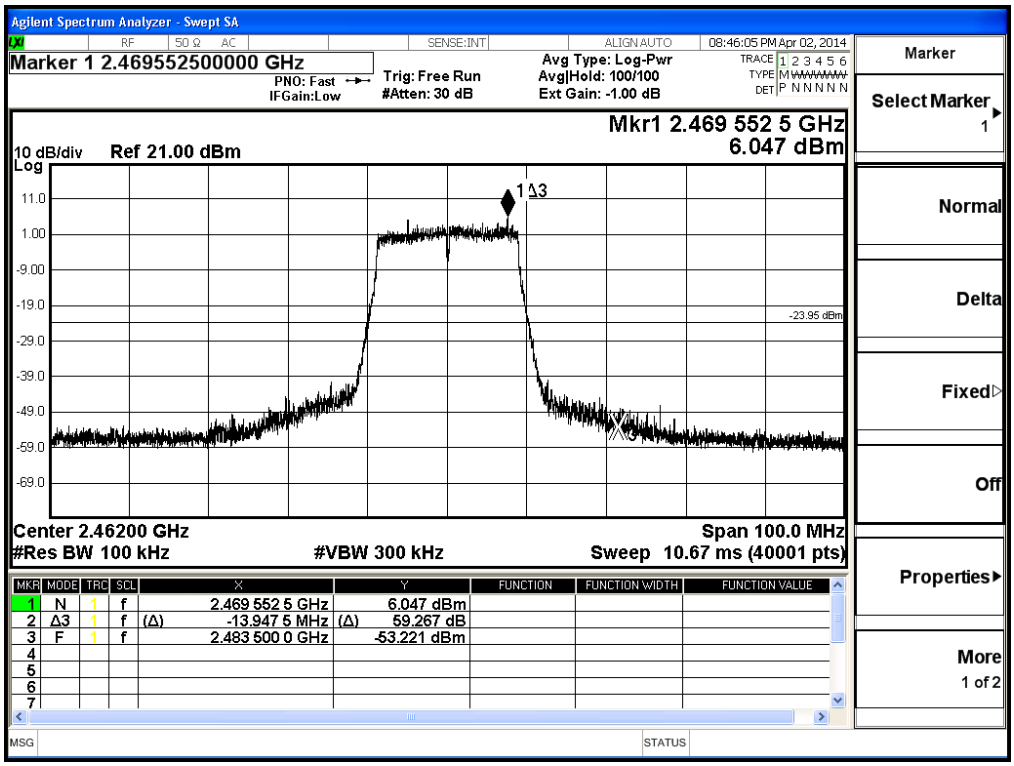
Channel 1 (2412MHz)



Channel 06 (2437MHz)



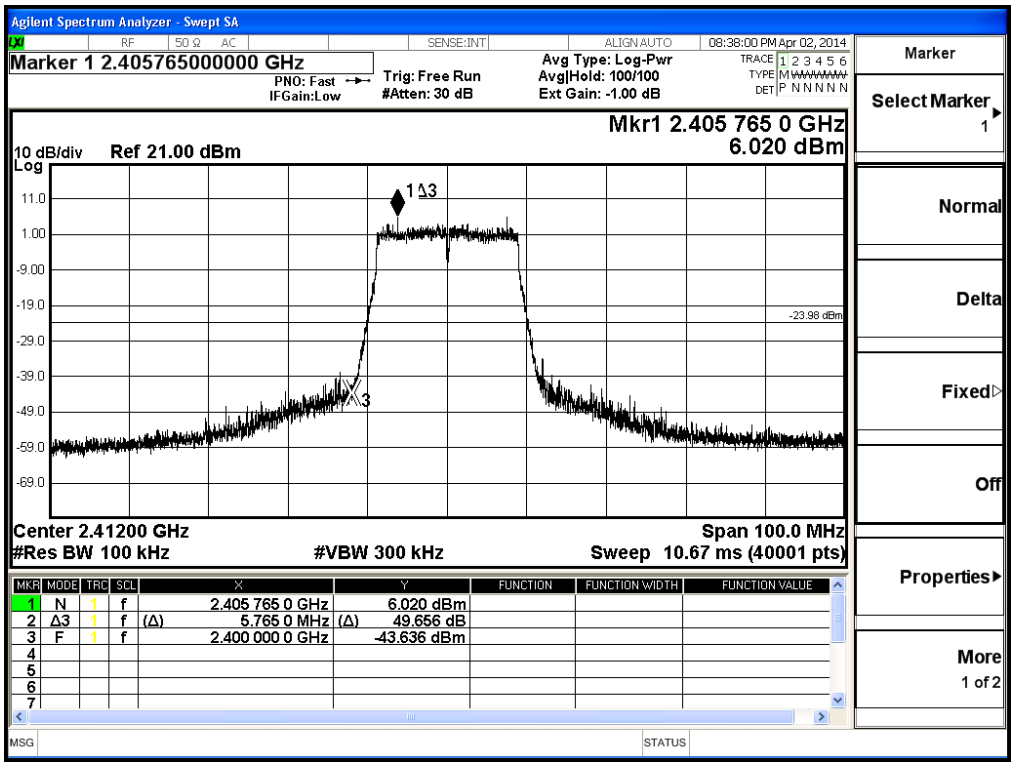
Channel 11 (2462MHz)



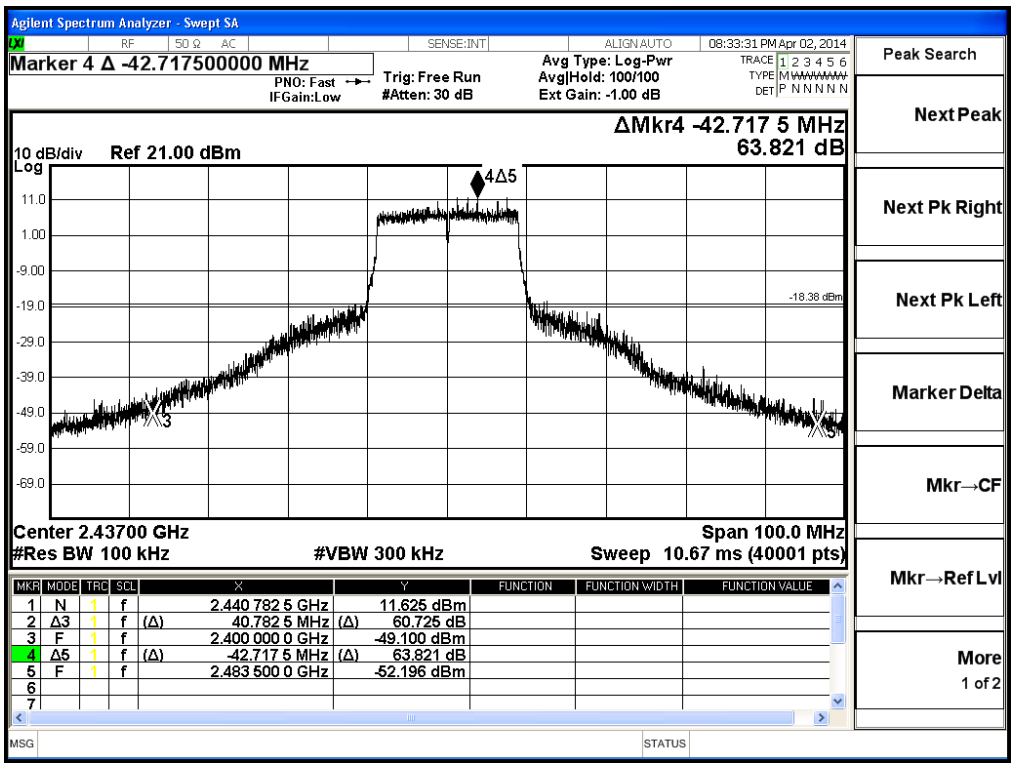
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n (20MHz), ANT 2, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	49.656	≧30	Pass
6	2437	60.725	≧30	Pass
11	2462	60.970	≧30	Pass

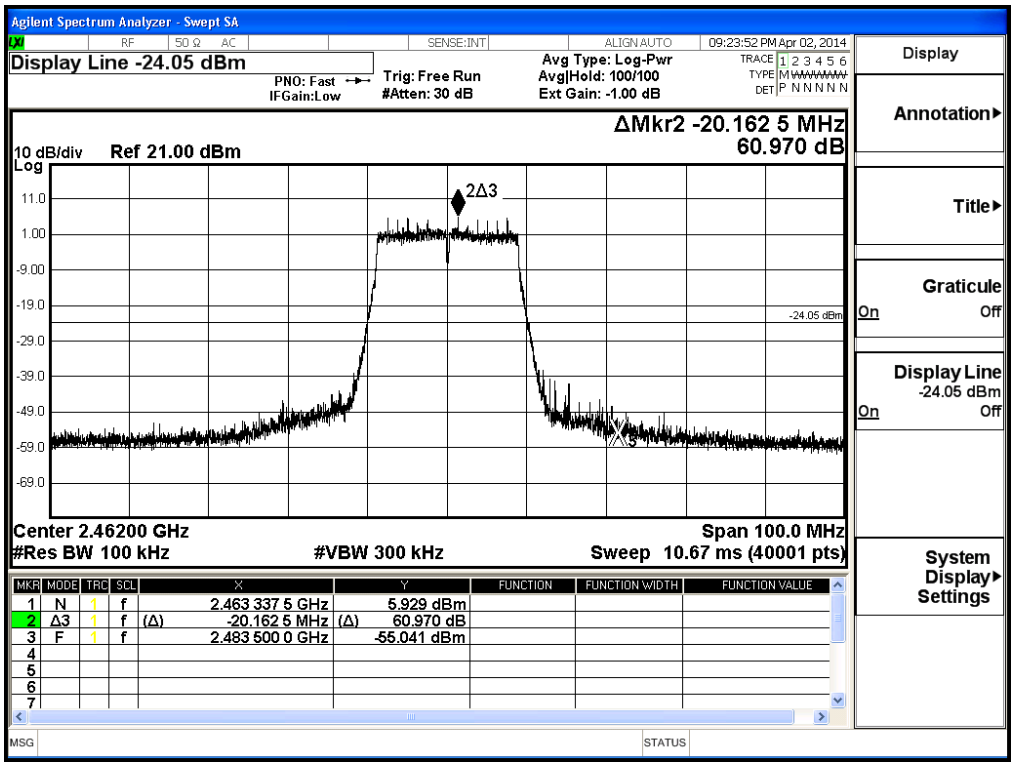
Channel 1 (2412MHz)



Channel 06 (2437MHz)



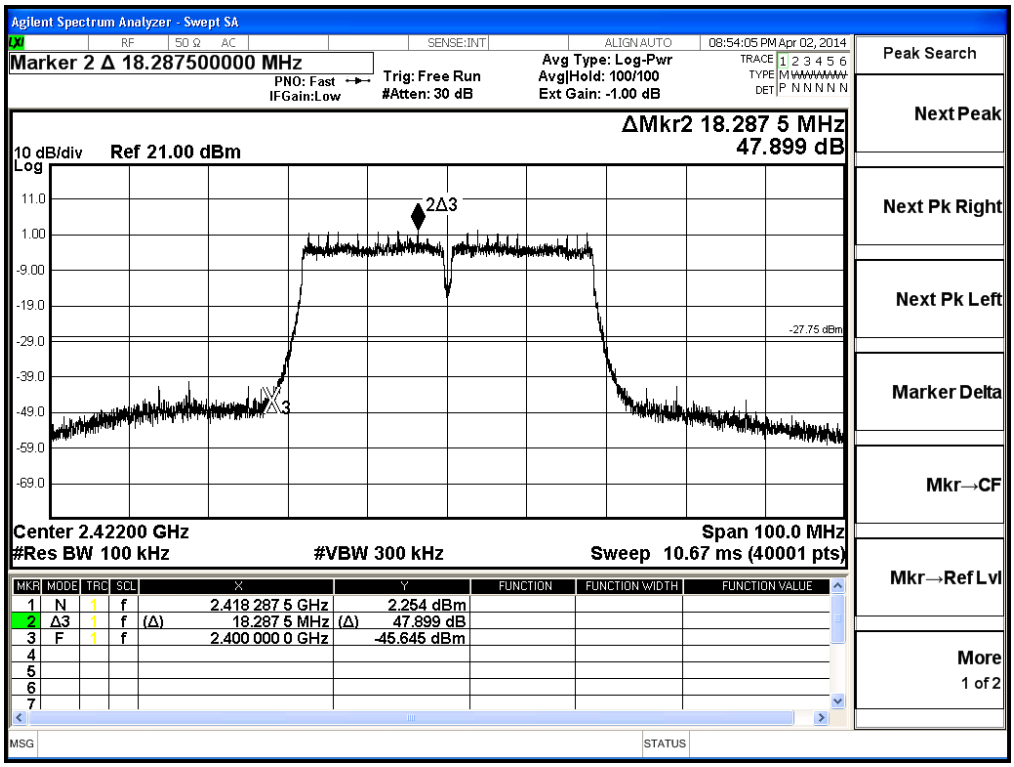
Channel 11 (2462MHz)



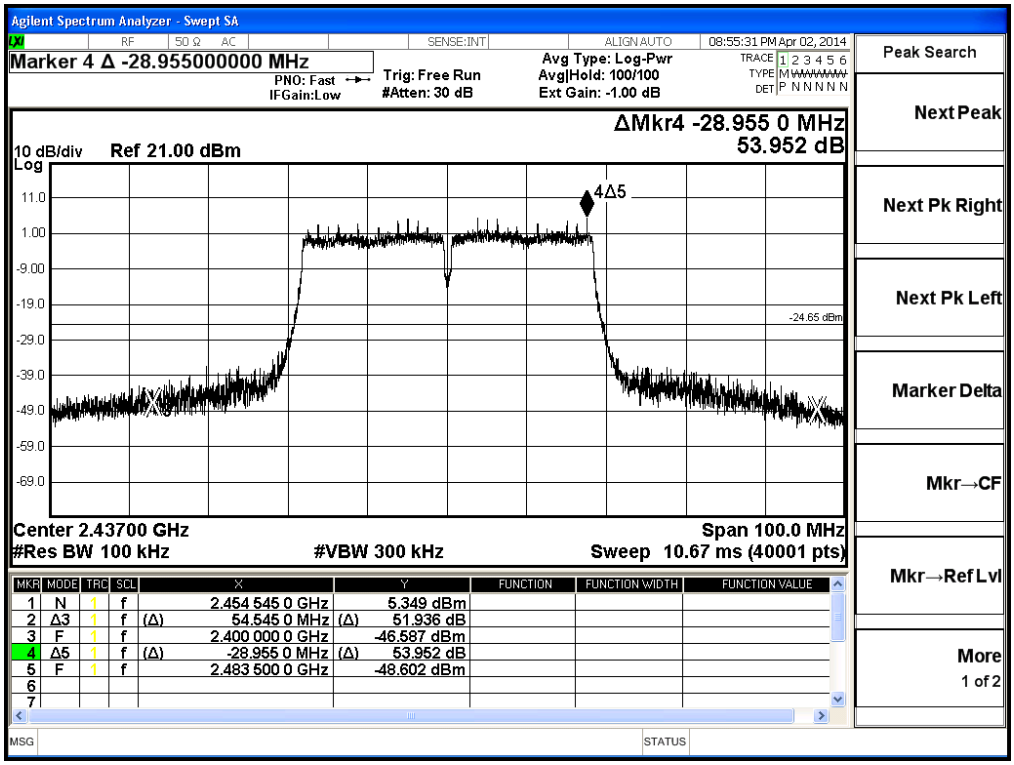
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n (40MHz) , ANT 0, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	47.899	≧30	Pass
6	2437	51.936	≧30	Pass
9	2452	56.544	≧30	Pass

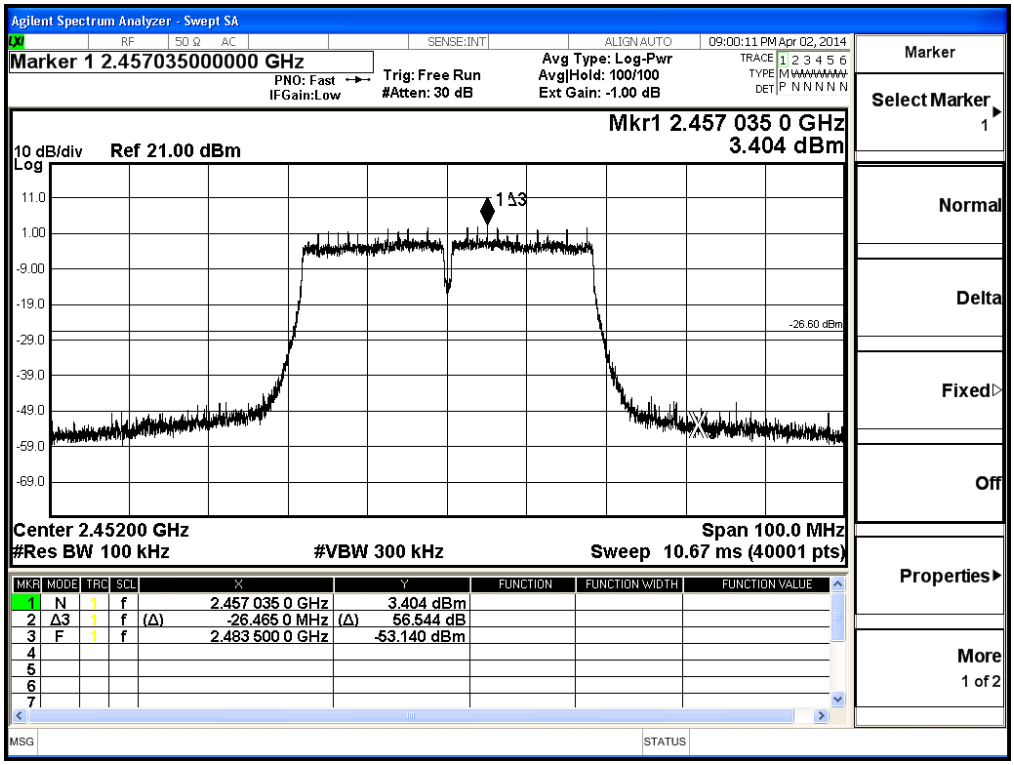
Channel 3 (2422MHz)



Channel 06 (2437MHz)



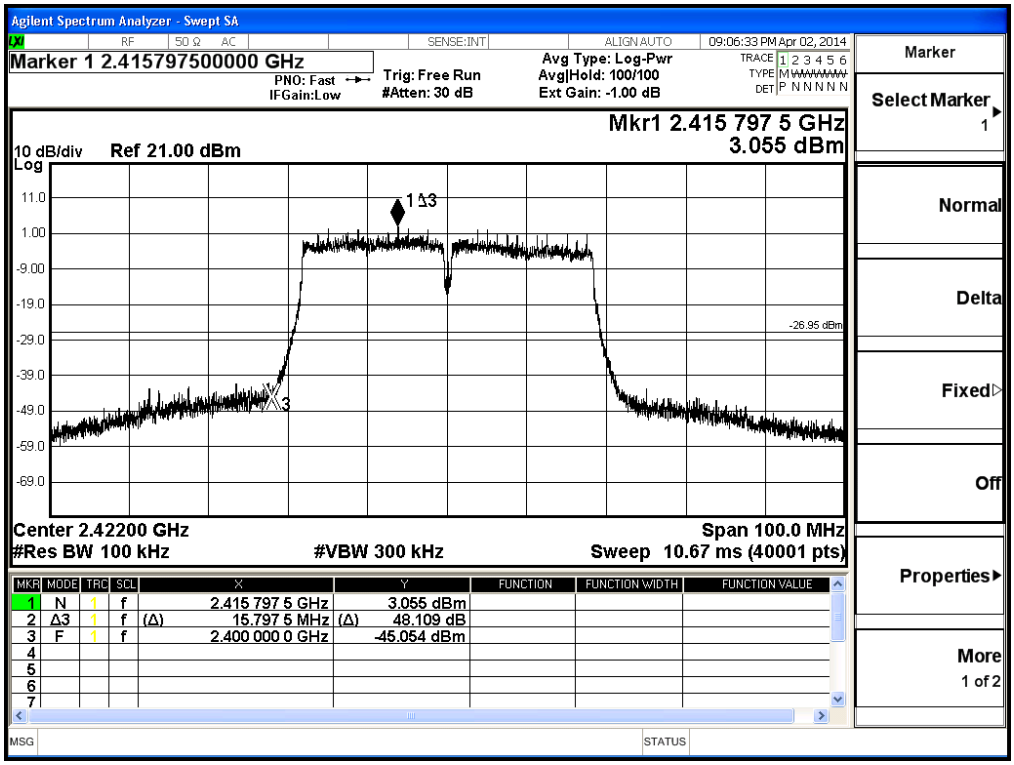
Channel 9 (2452MHz)



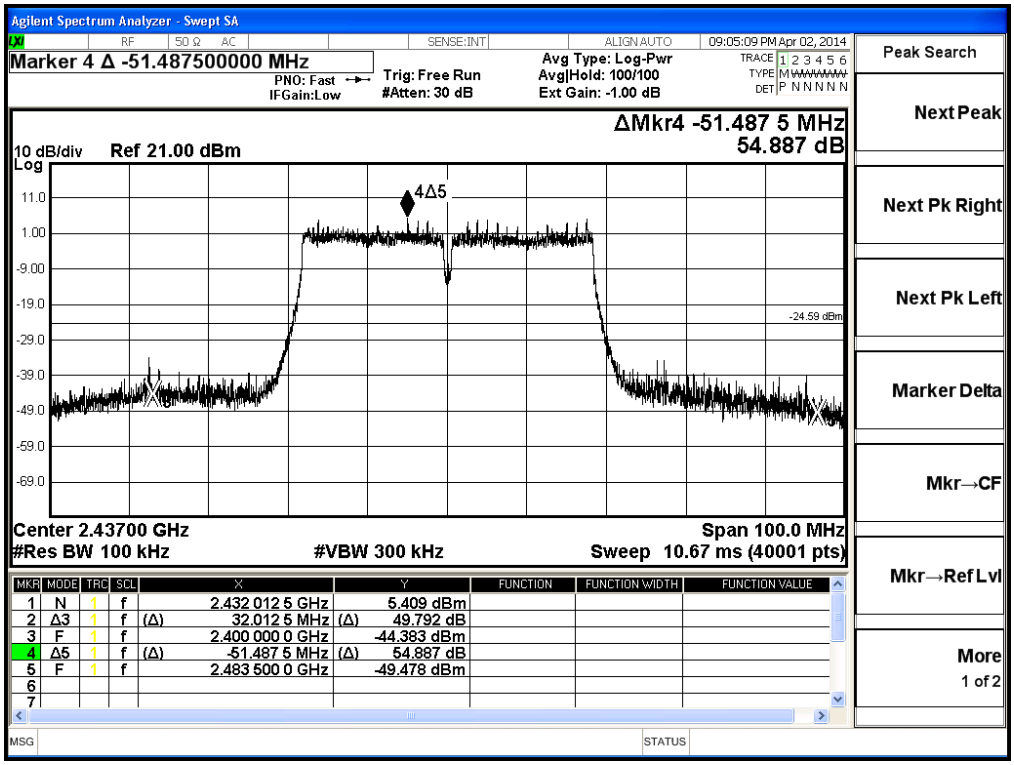
Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n (40MHz) , ANT 1, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
3	2422	48.109	≧30	Pass
6	2437	49.792	≧30	Pass
9	2452	53.798	≧30	Pass

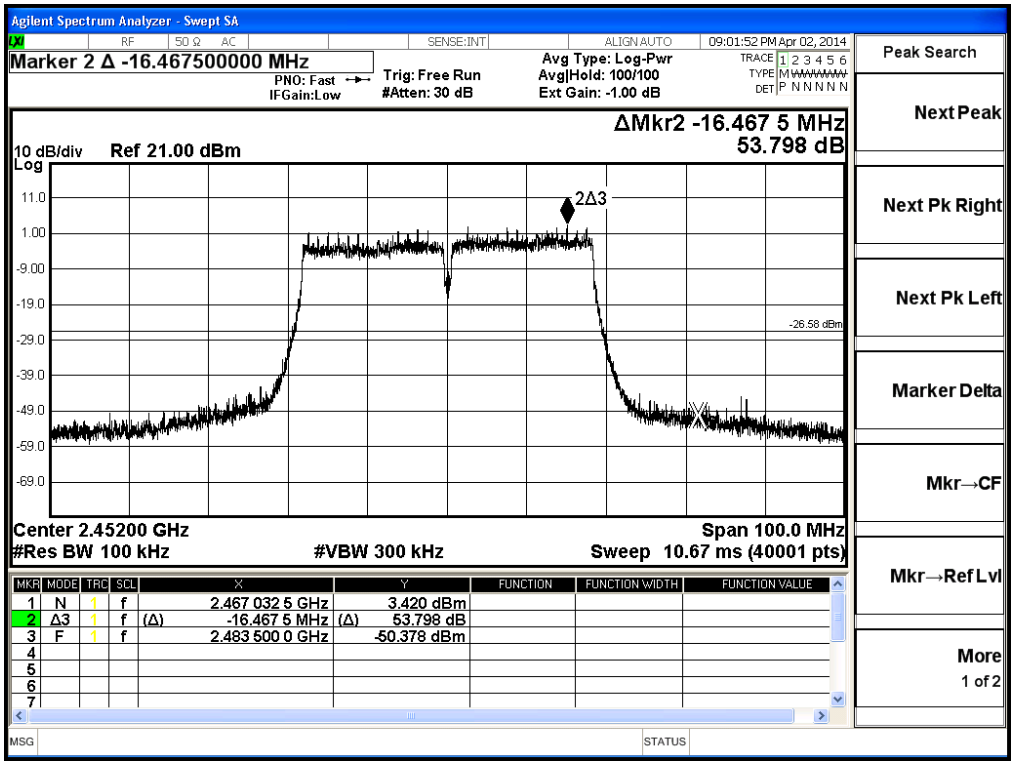
Channel 3 (2422MHz)



Channel 06 (2437MHz)



Channel 9 (2452MHz)



Product	RT-N18U 2.4GHz 600Mbps High Power Router		
Test Item	RF antenna conducted test		
Test Mode	Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)		
Date of Test	2014/04/02	Test Site	SR7

IEEE 802.11n (40MHz) , ANT 2, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
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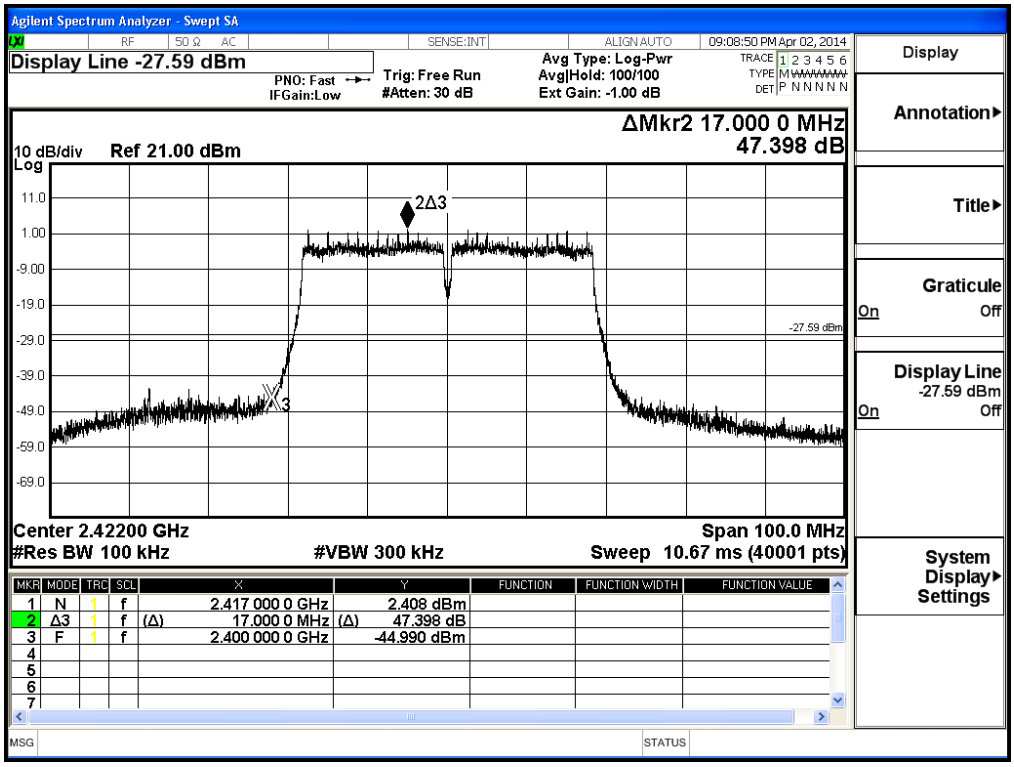
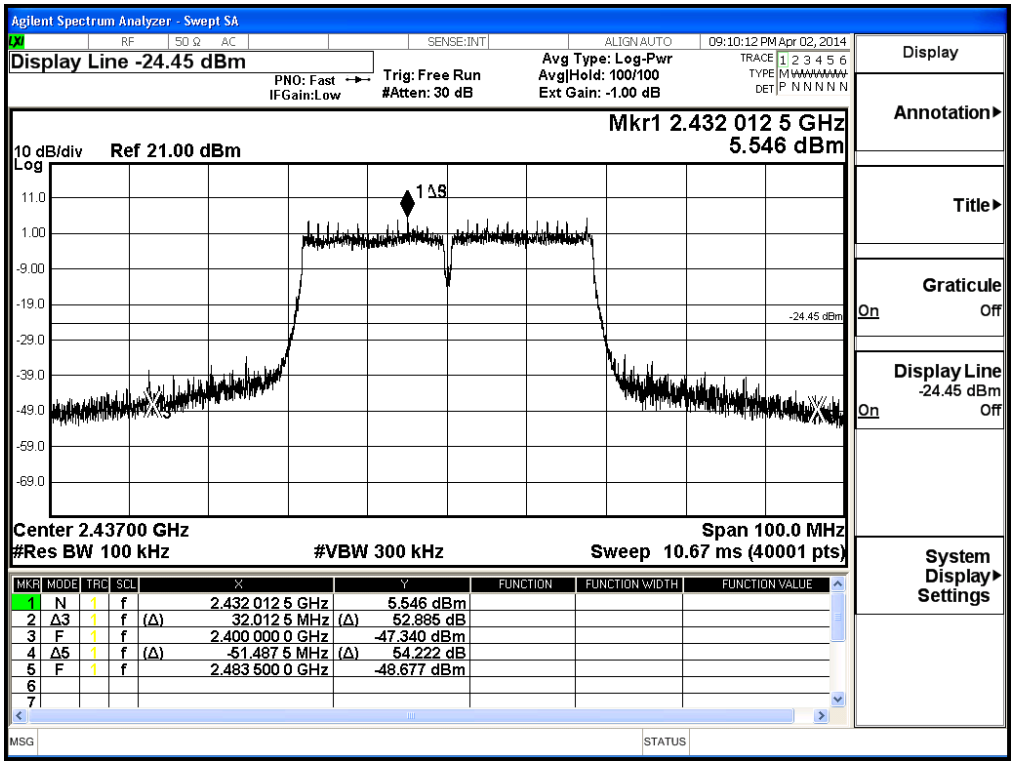
6	2437	52.885	≧30	Pass
9	2452	54.761	≧30	Pass

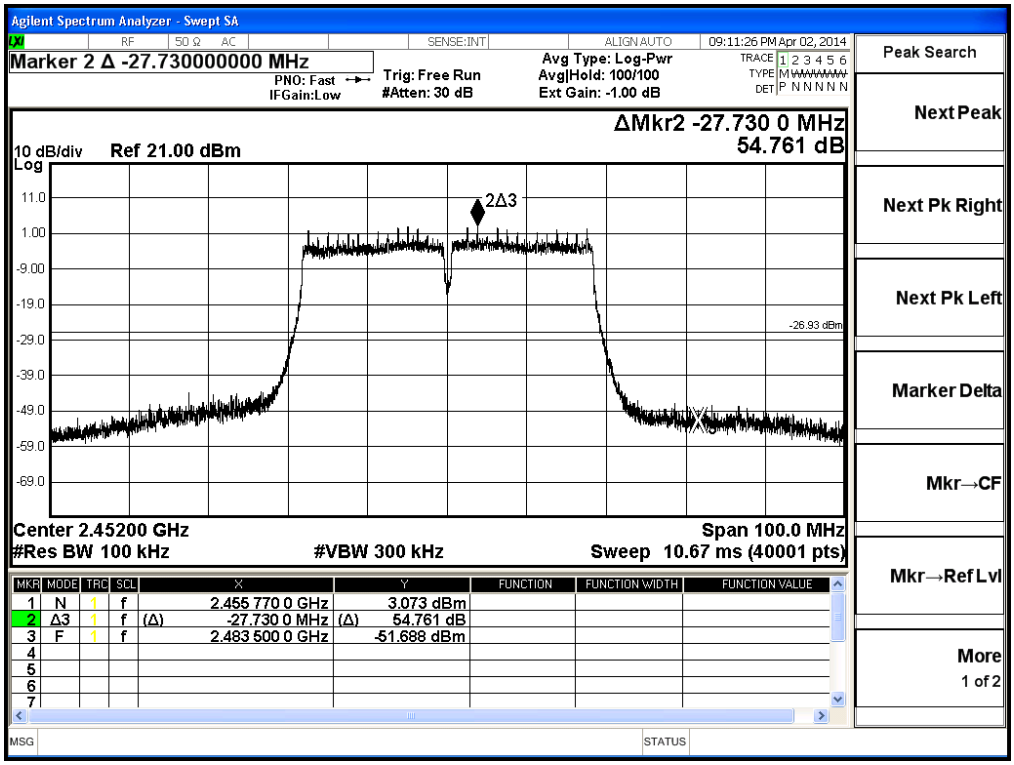
Channel 3 (2422MHz)



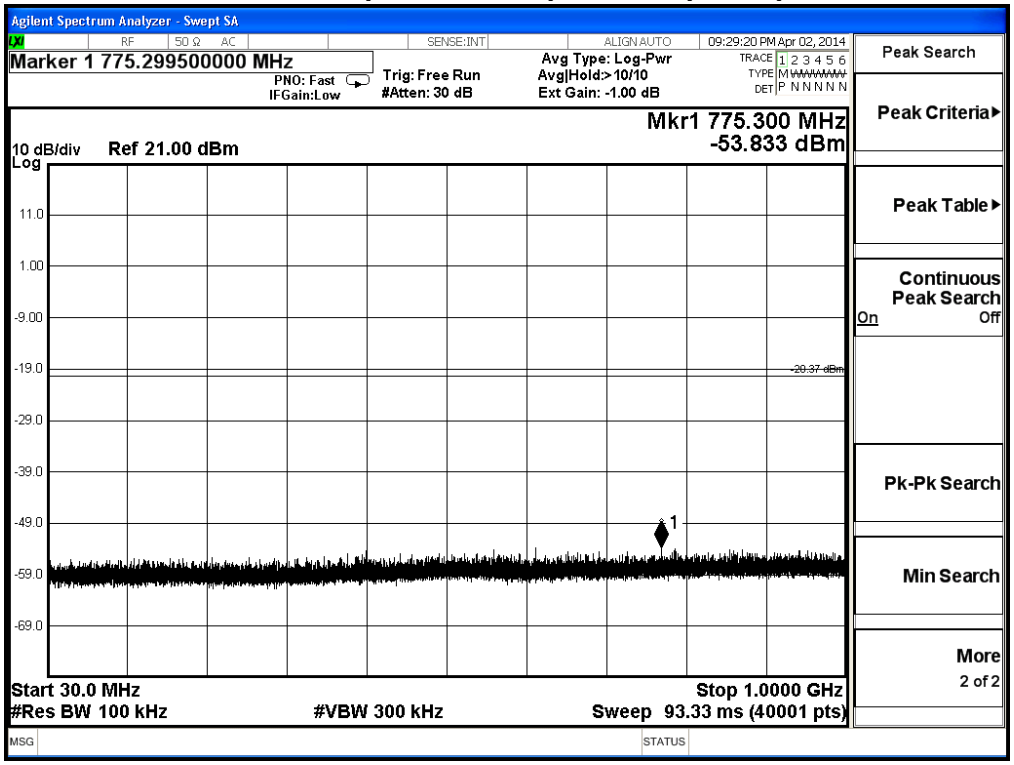
Channel 06 (2437MHz)



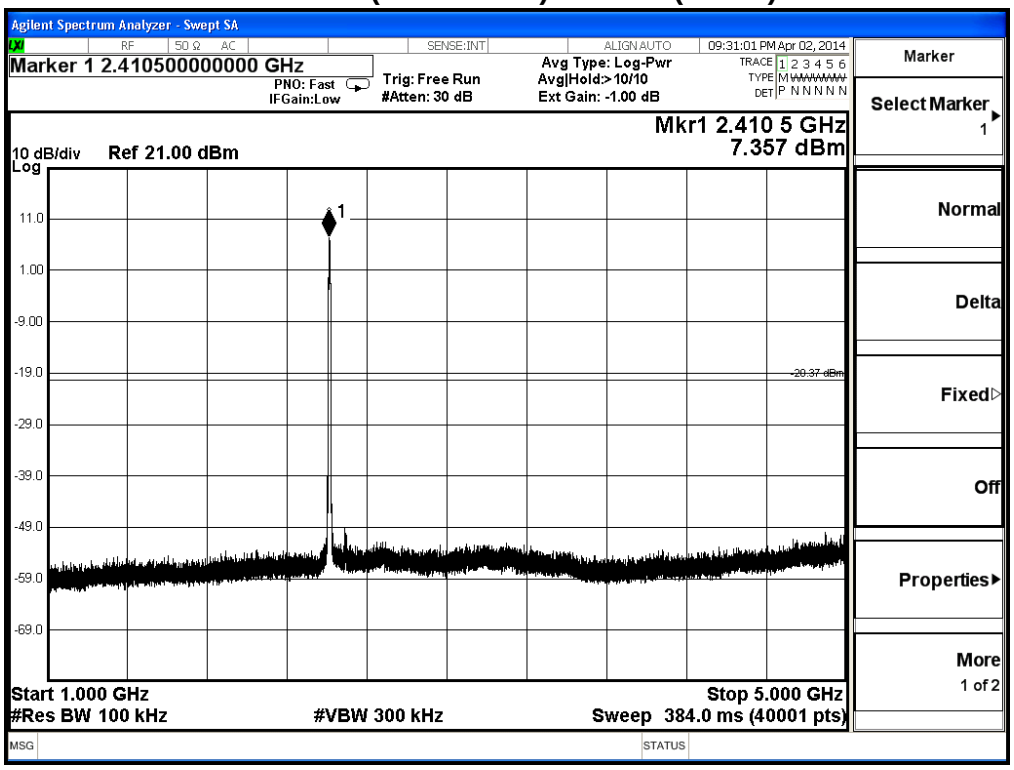
Channel 9 (2452MHz)



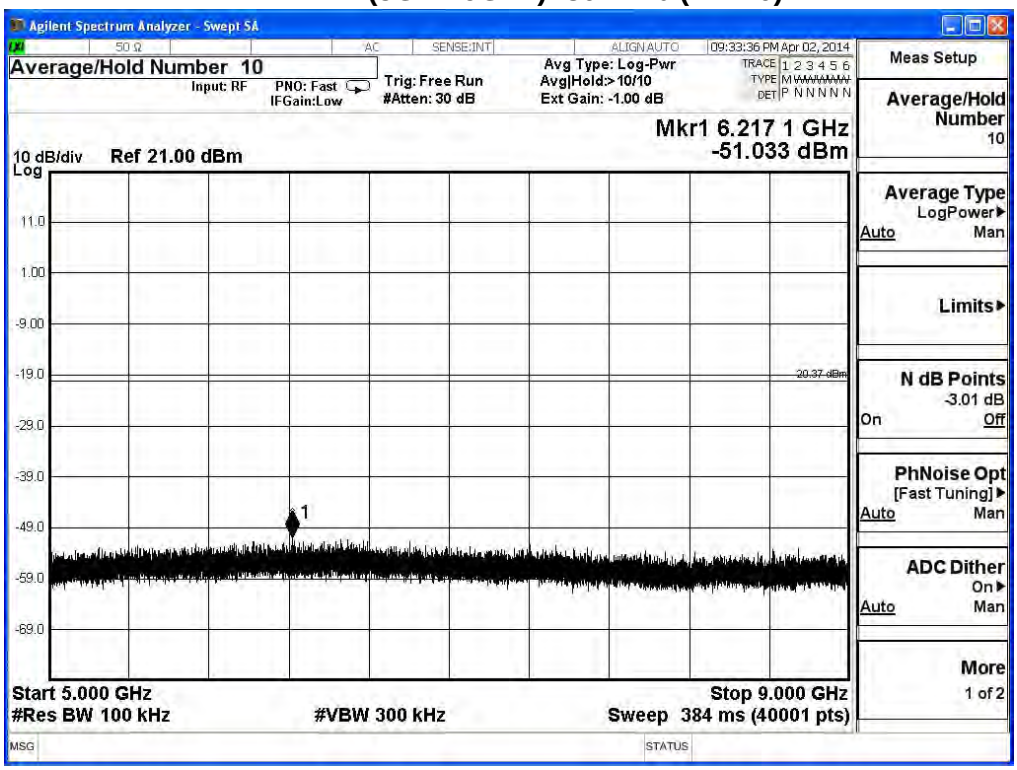
2412MHz (30MHz-1GHz)-802.11b (ANT 0)



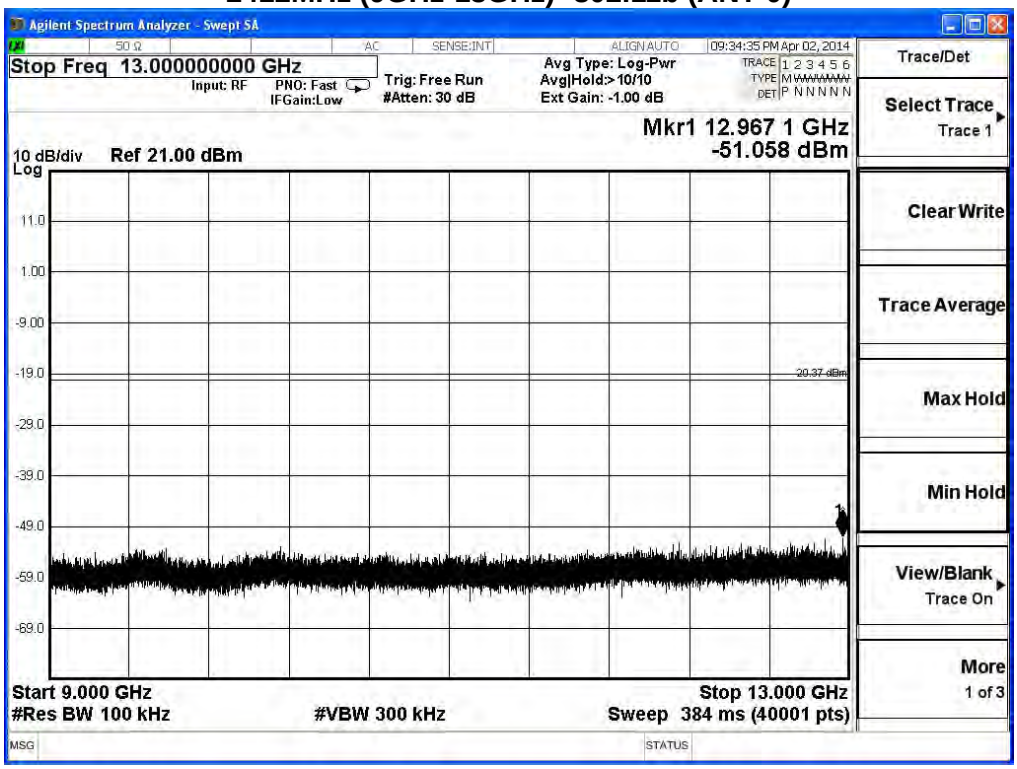
2412MHz (1GHz-5GHz)-802.11b (ANT 0)



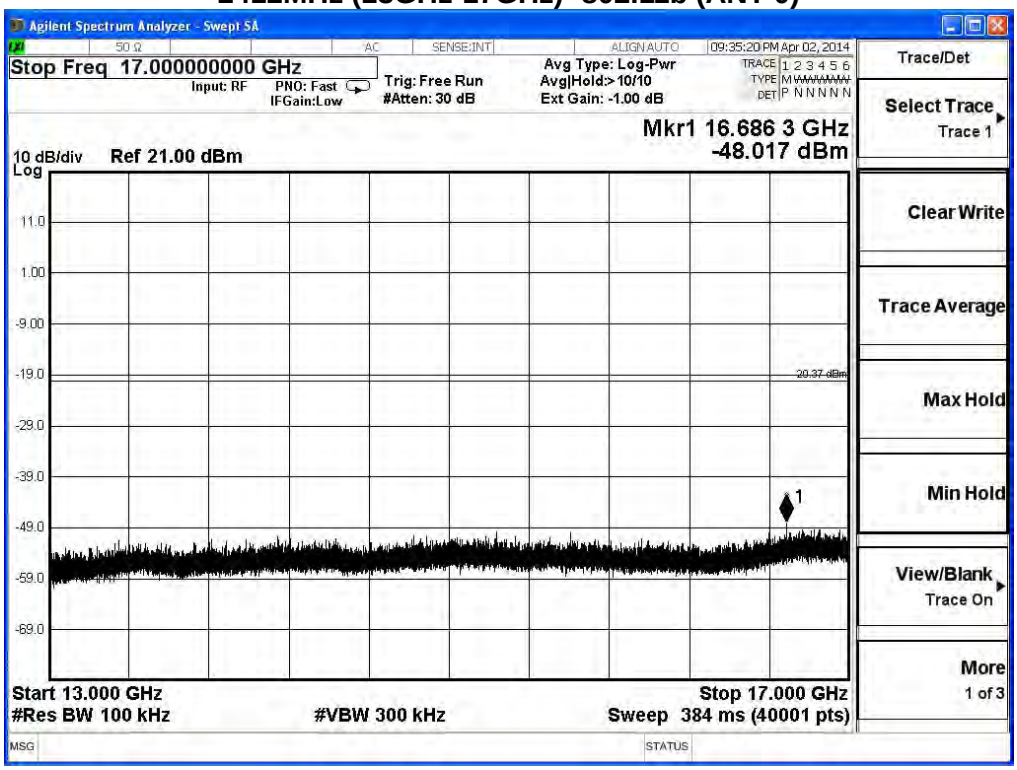
2412MHz (5GHz-9GHz) -802.11b (ANT 0)



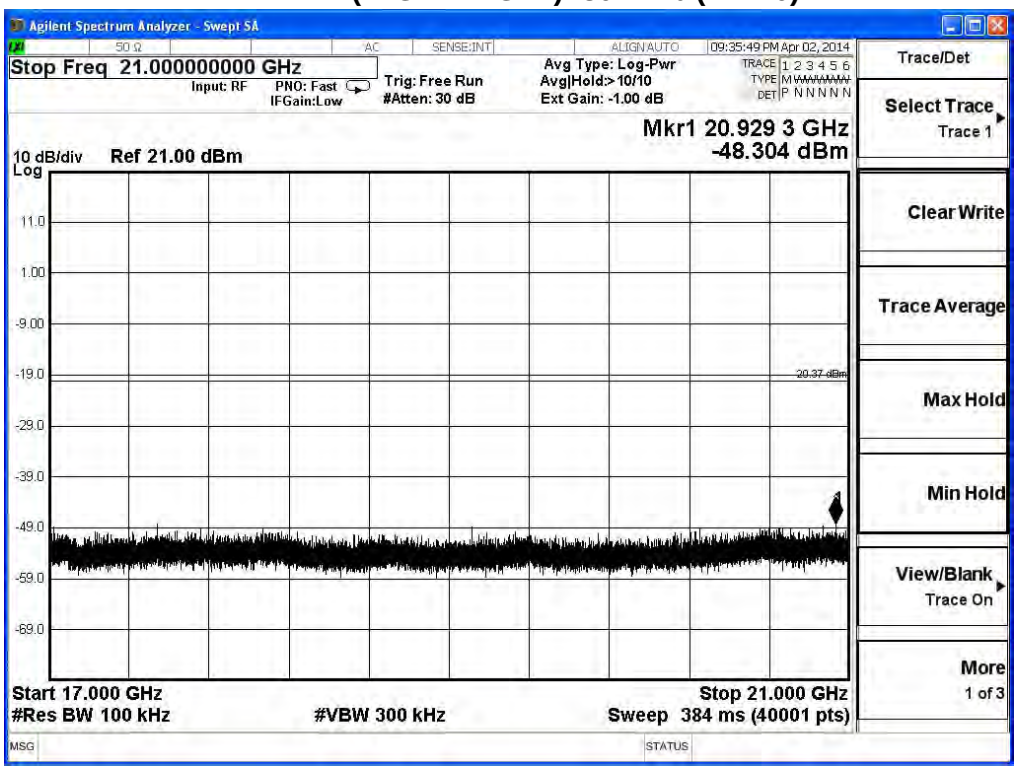
2412MHz (9GHz-13GHz) -802.11b (ANT 0)



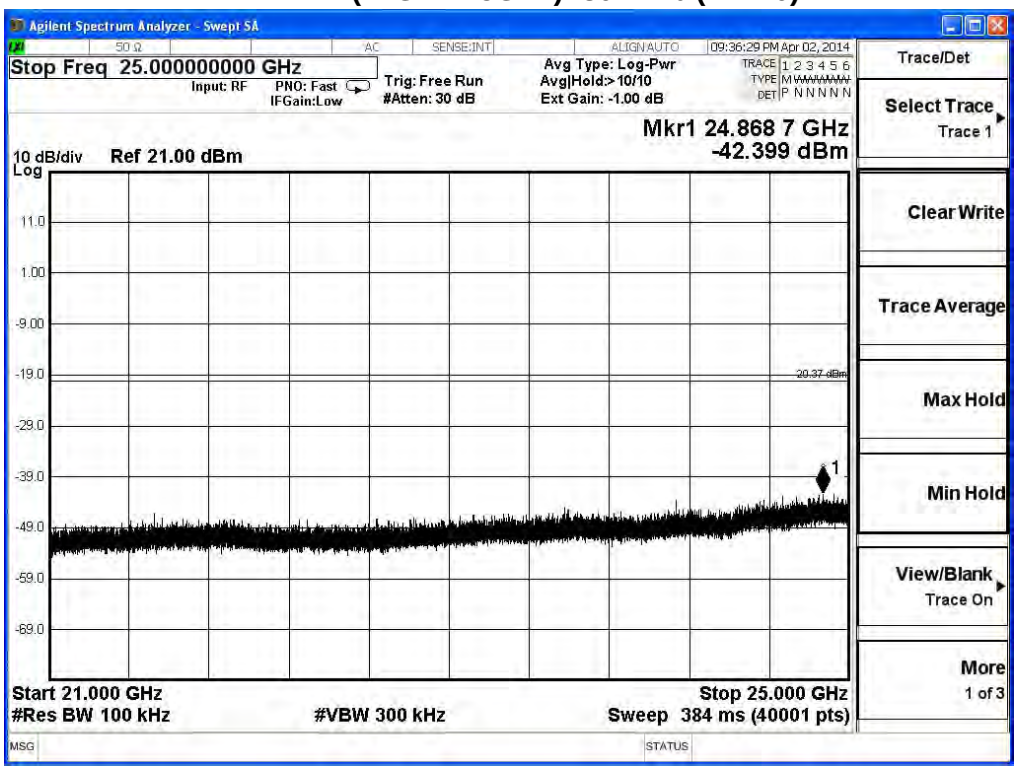
2412MHz (13GHz-17GHz) -802.11b (ANT 0)



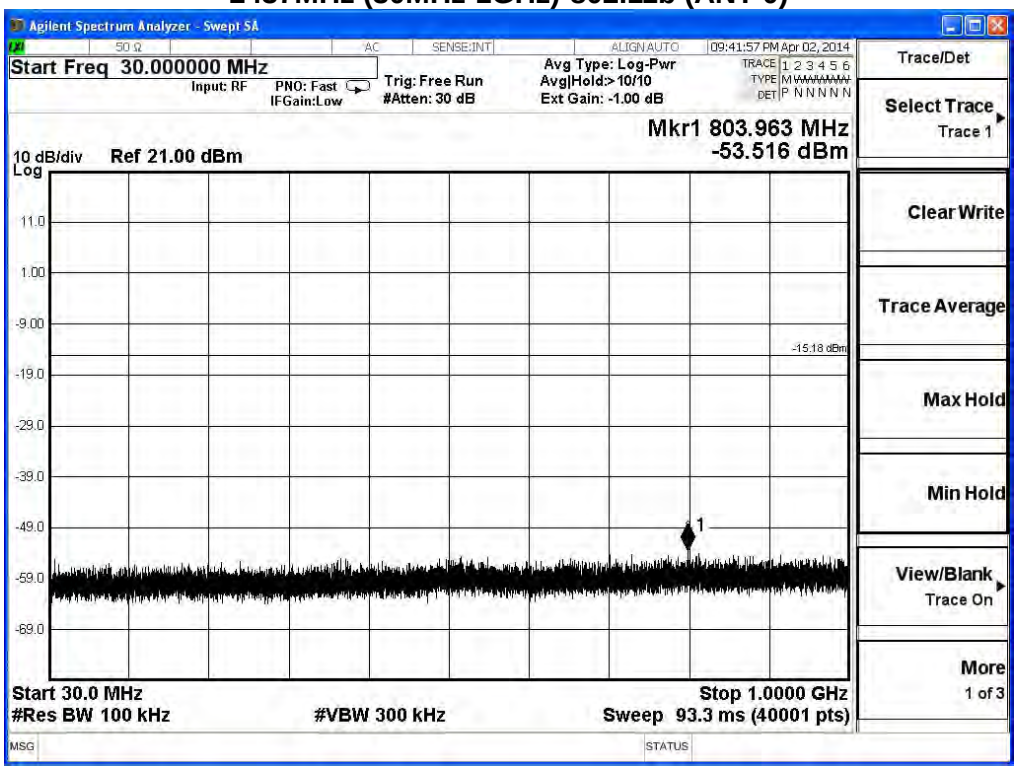
2412MHz (17GHz-21GHz) -802.11b (ANT 0)



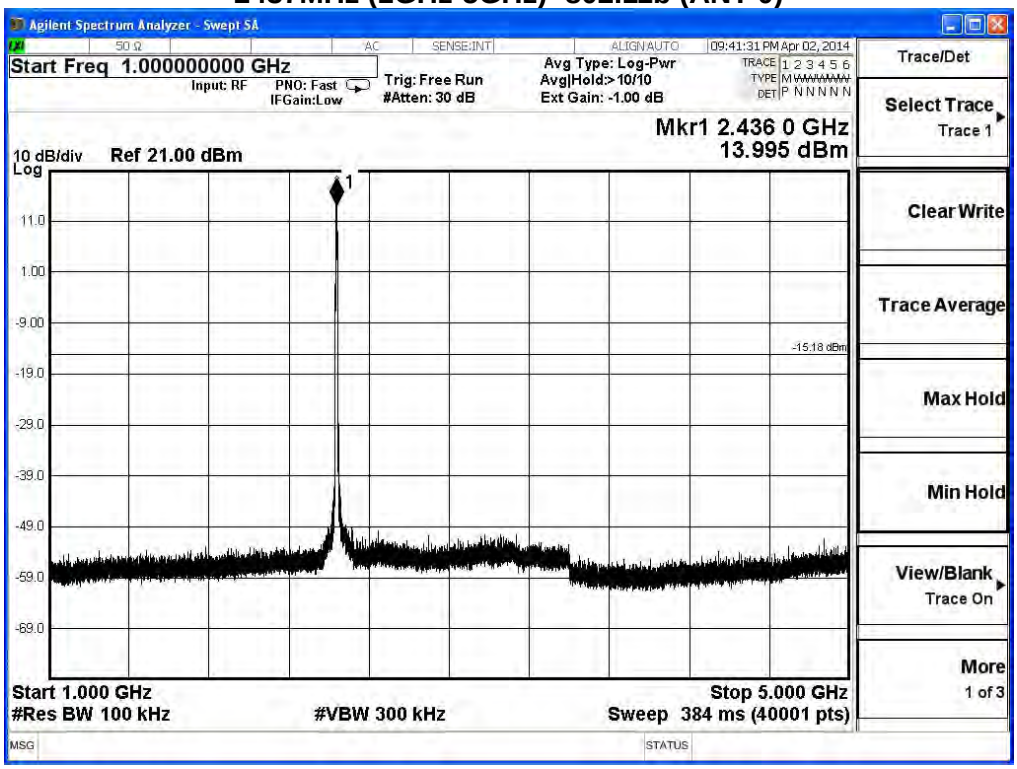
2412MHz (21GHz-25GHz) -802.11b (ANT 0)



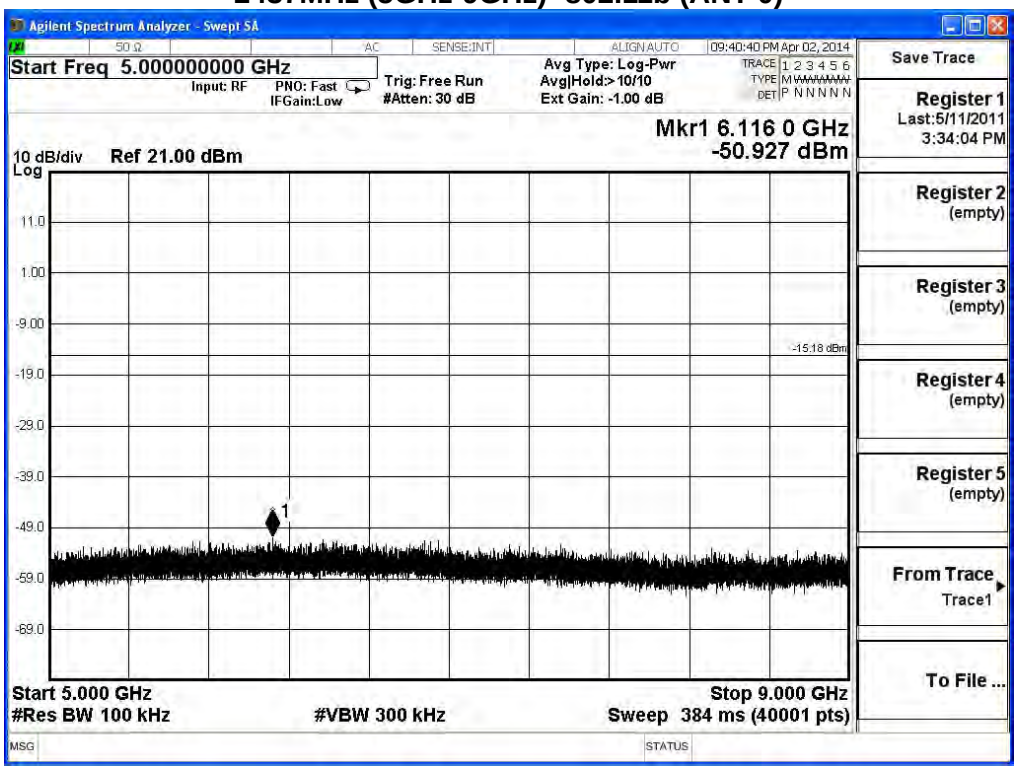
2437MHz (30MHz-1GHz)-802.11b (ANT 0)



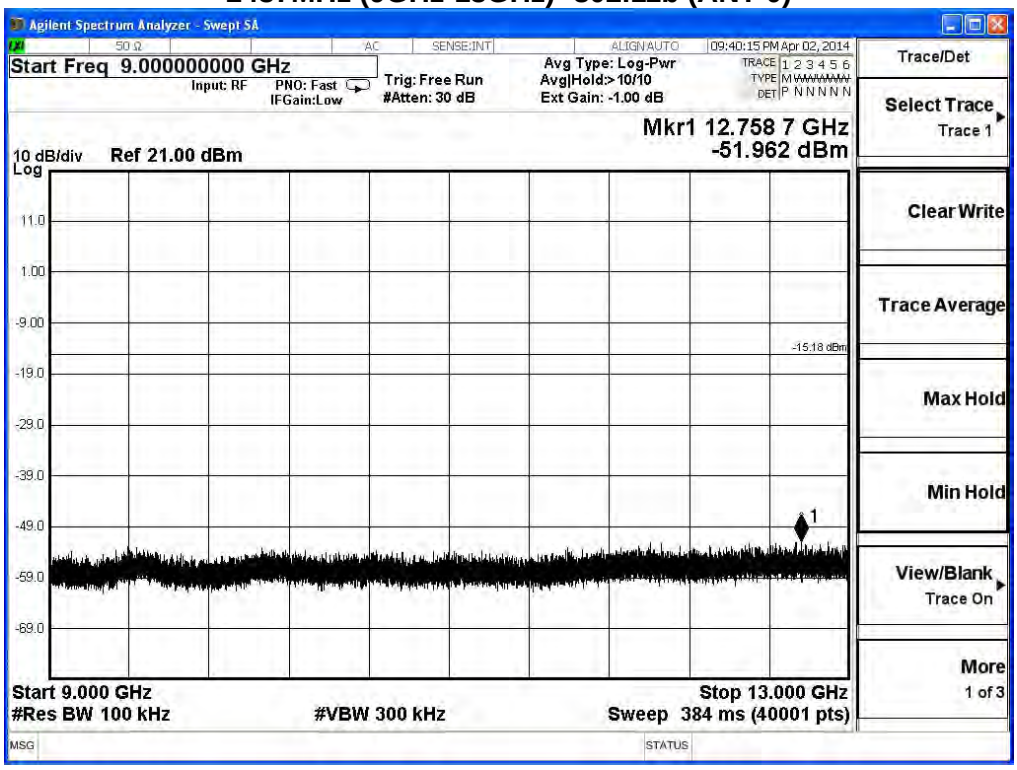
2437MHz (1GHz-5GHz) -802.11b (ANT 0)



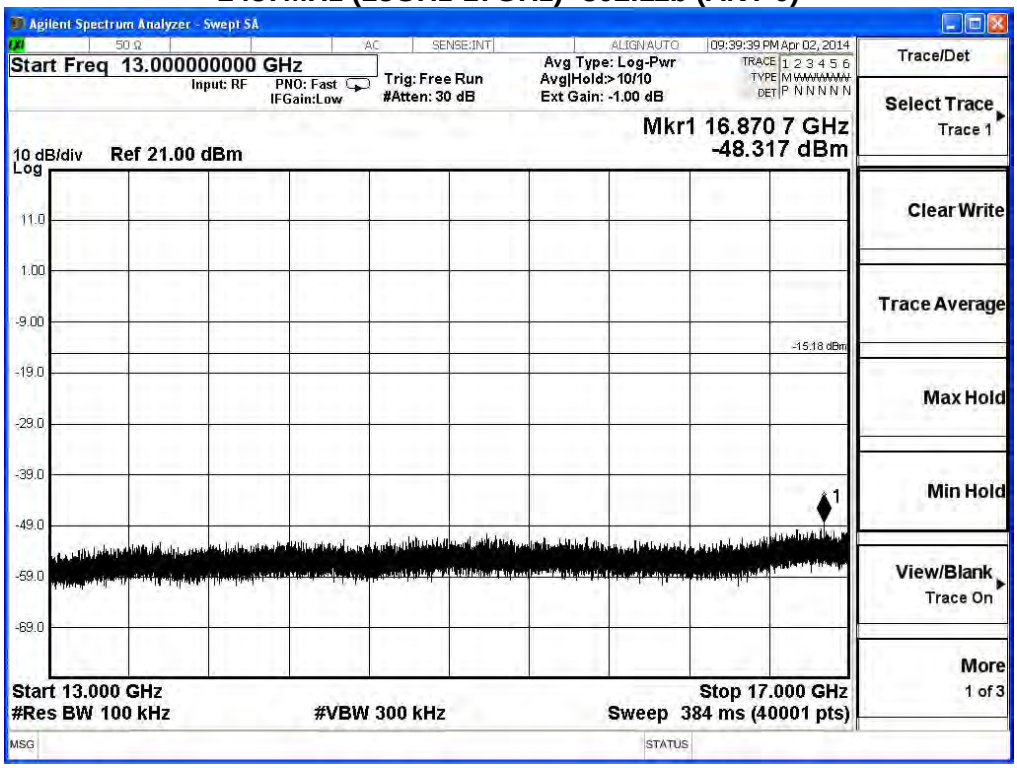
2437MHz (5GHz-9GHz) -802.11b (ANT 0)



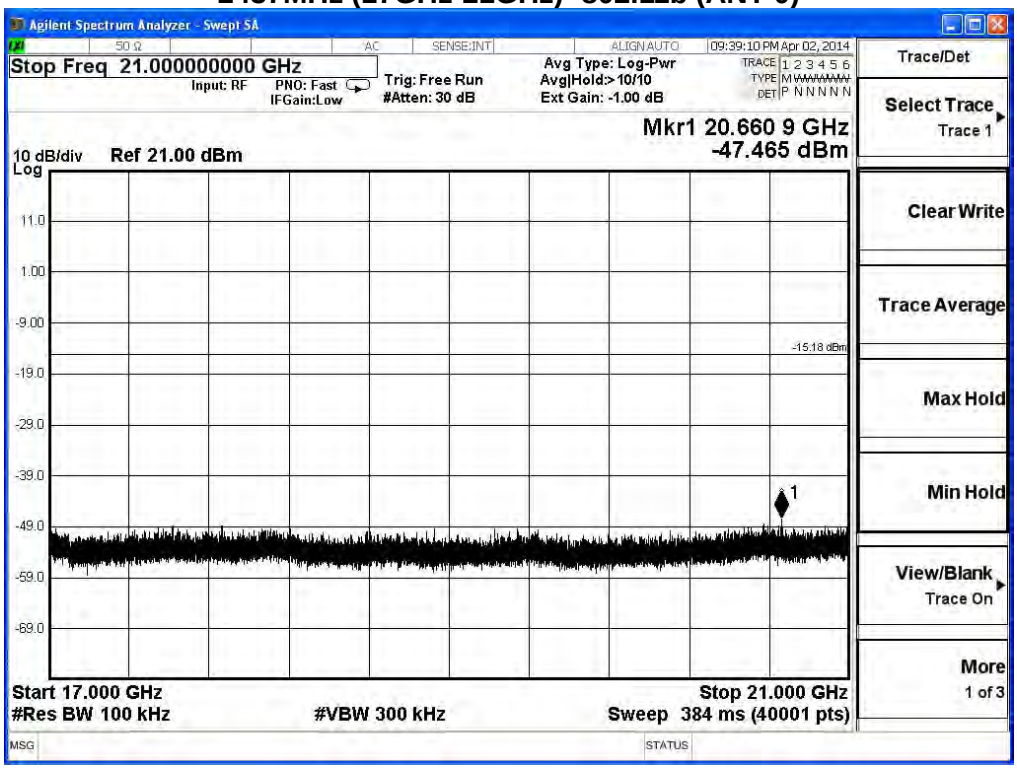
2437MHz (9GHz-13GHz) -802.11b (ANT 0)



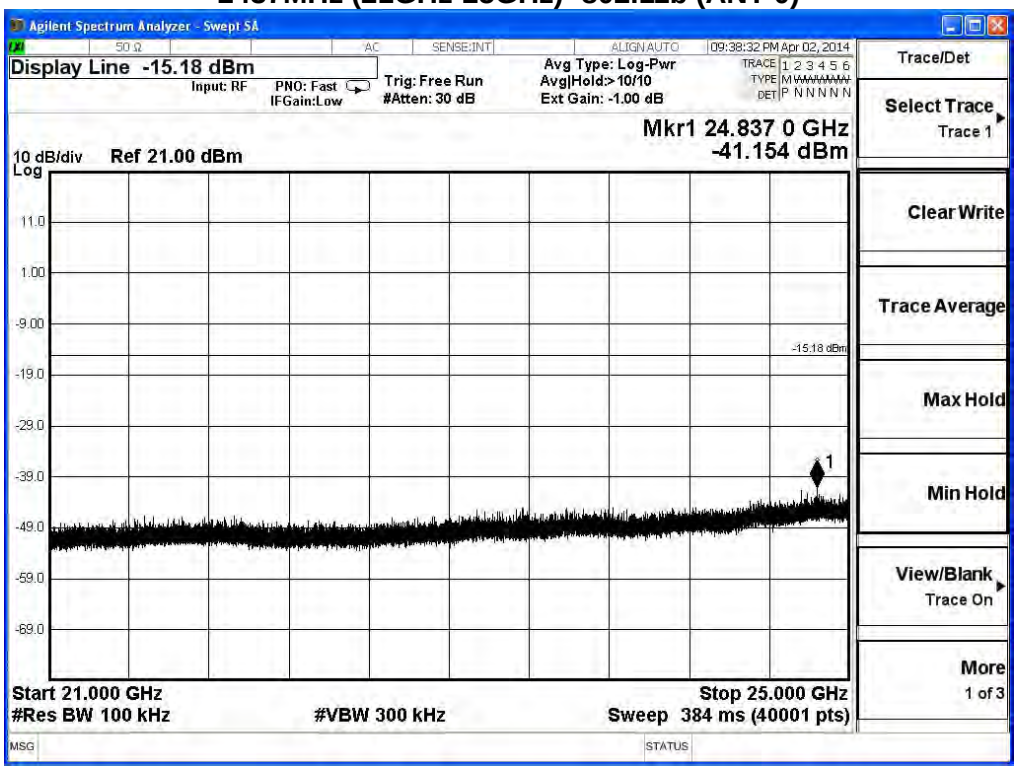
2437MHz (13GHz-17GHz) -802.11b (ANT 0)



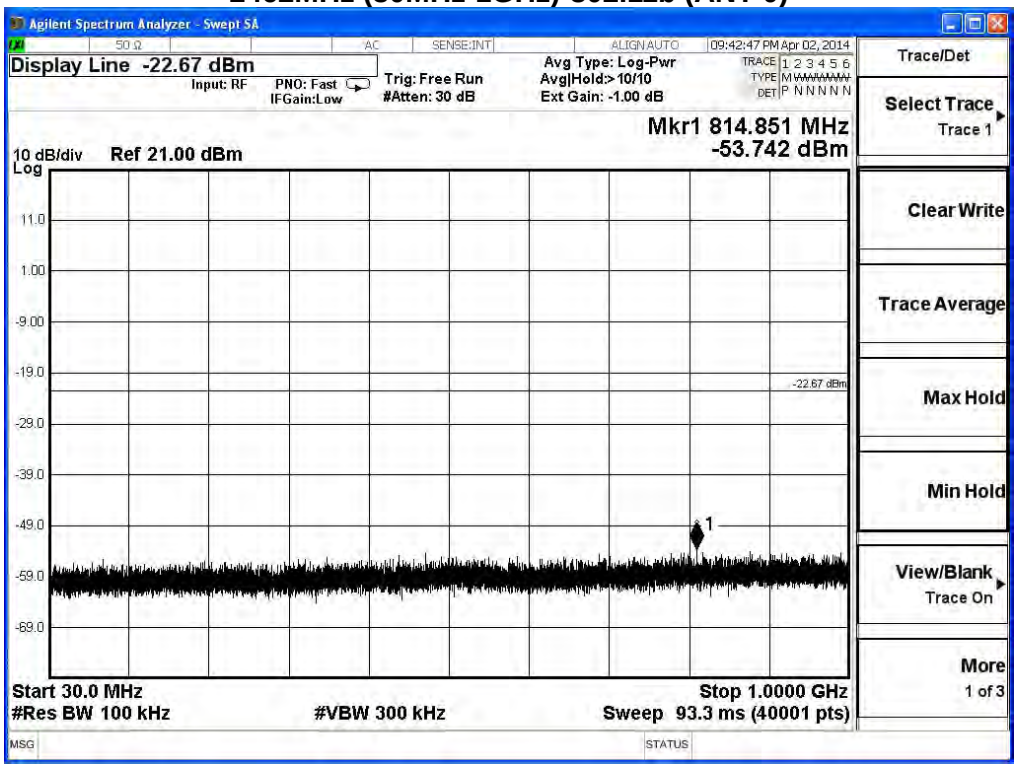
2437MHz (17GHz-21GHz) -802.11b (ANT 0)



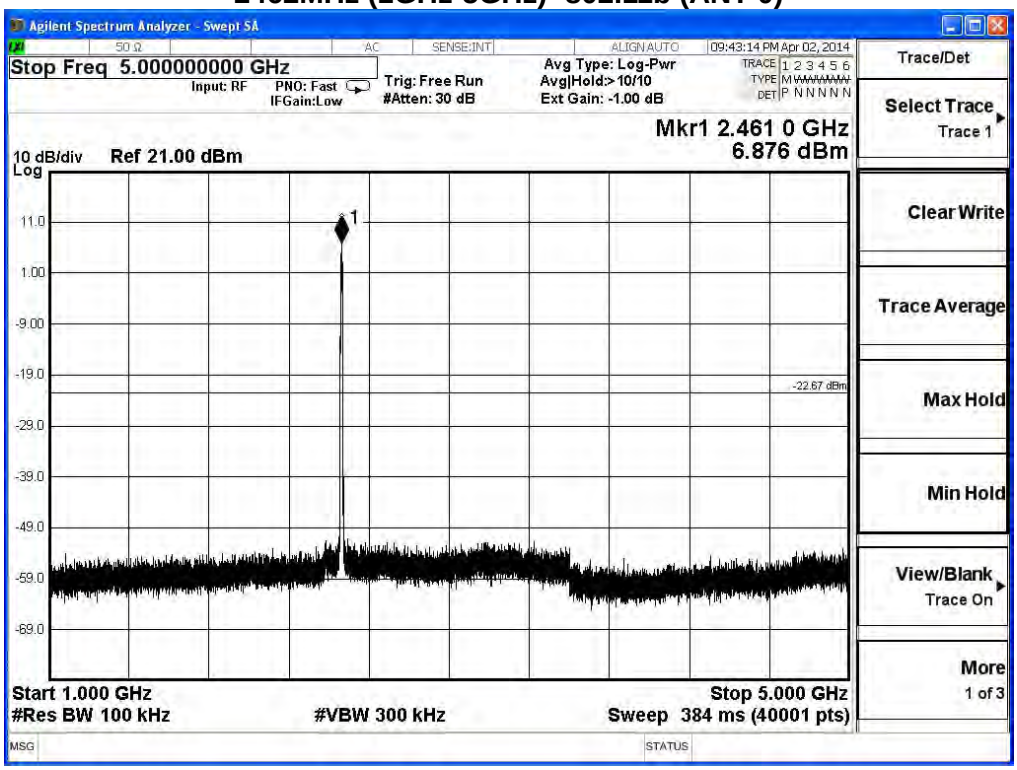
2437MHz (21GHz-25GHz) -802.11b (ANT 0)



2462MHz (30MHz-1GHz)-802.11b (ANT 0)



2462MHz (1GHz-5GHz) -802.11b (ANT 0)



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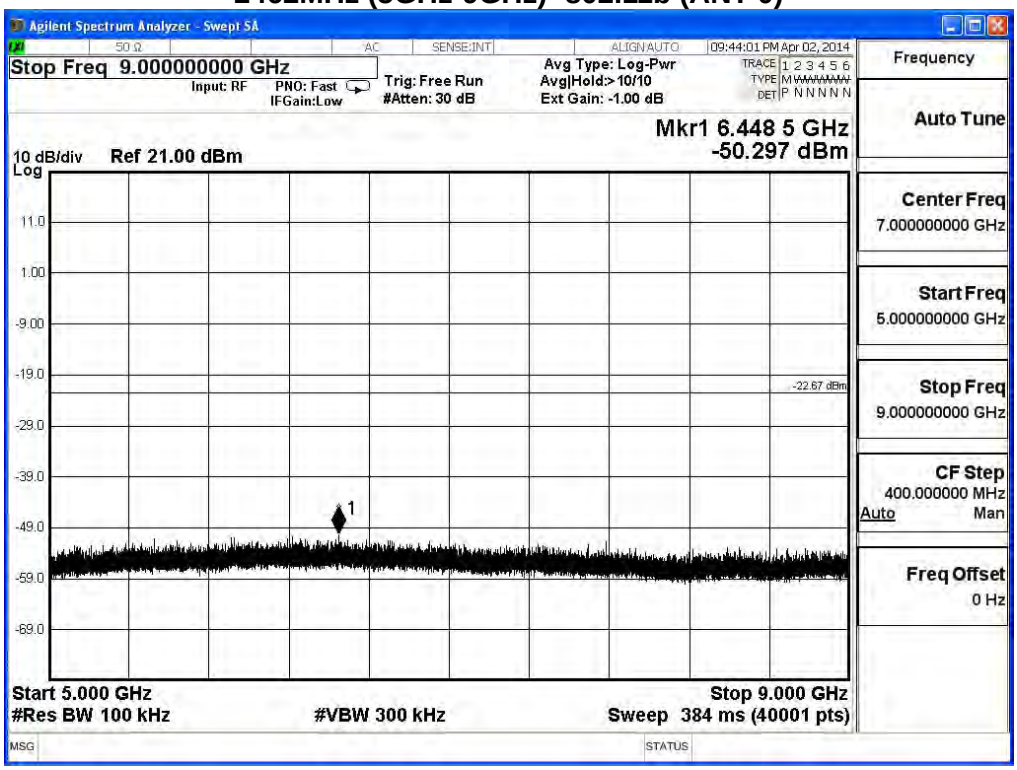
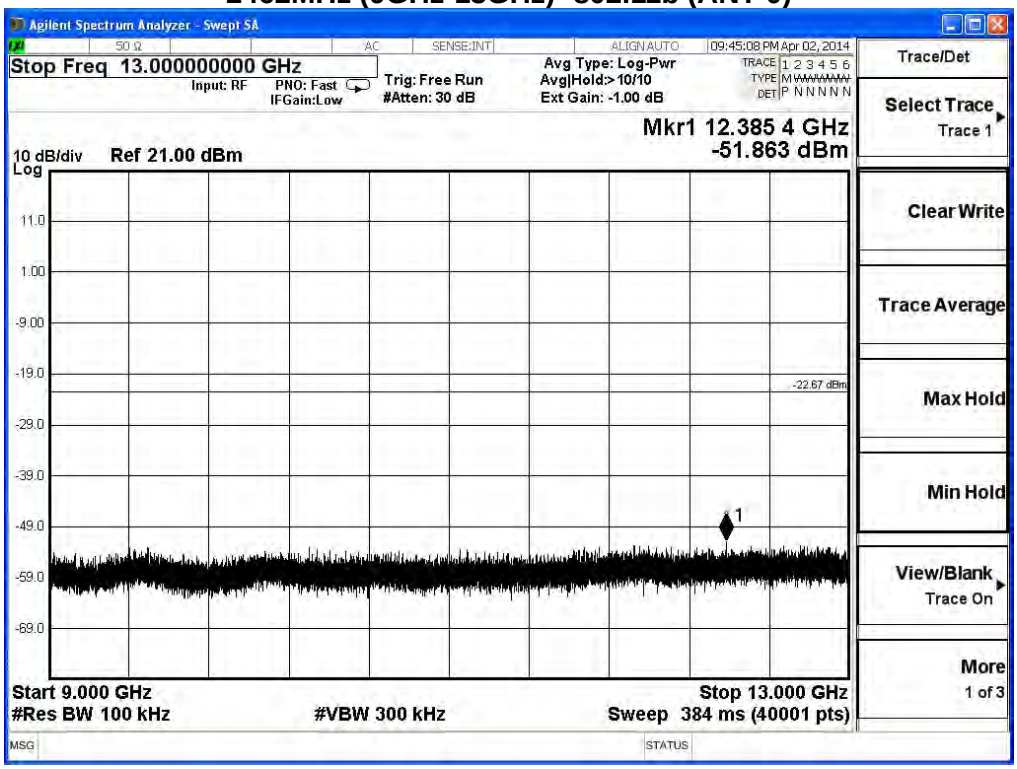
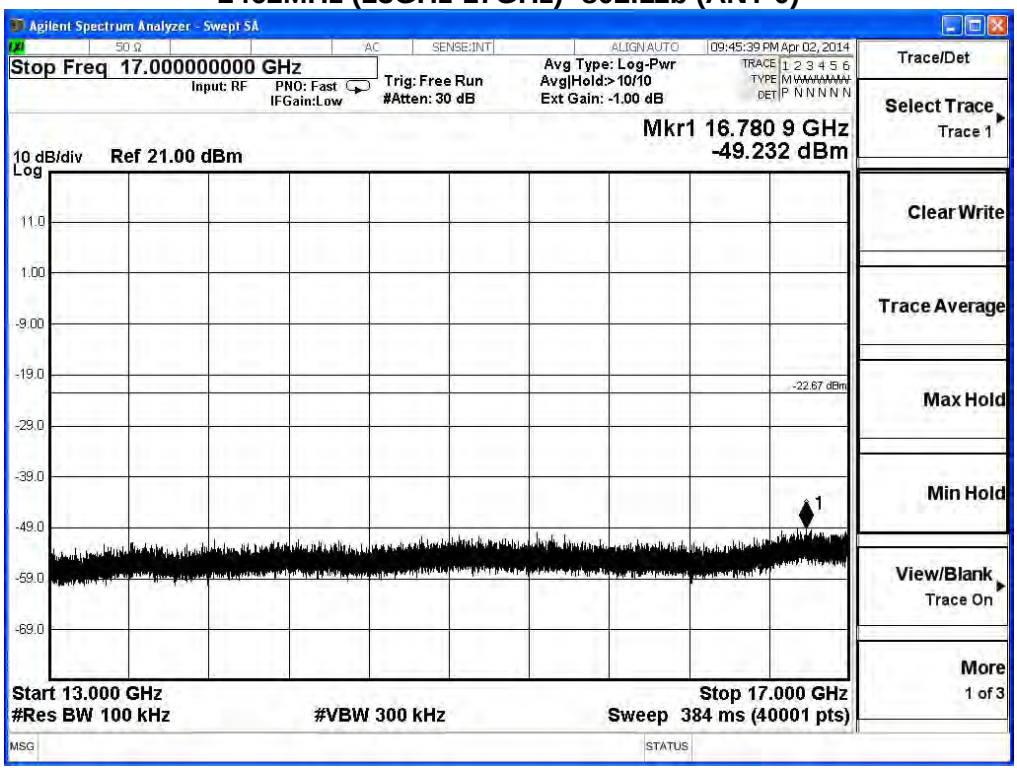


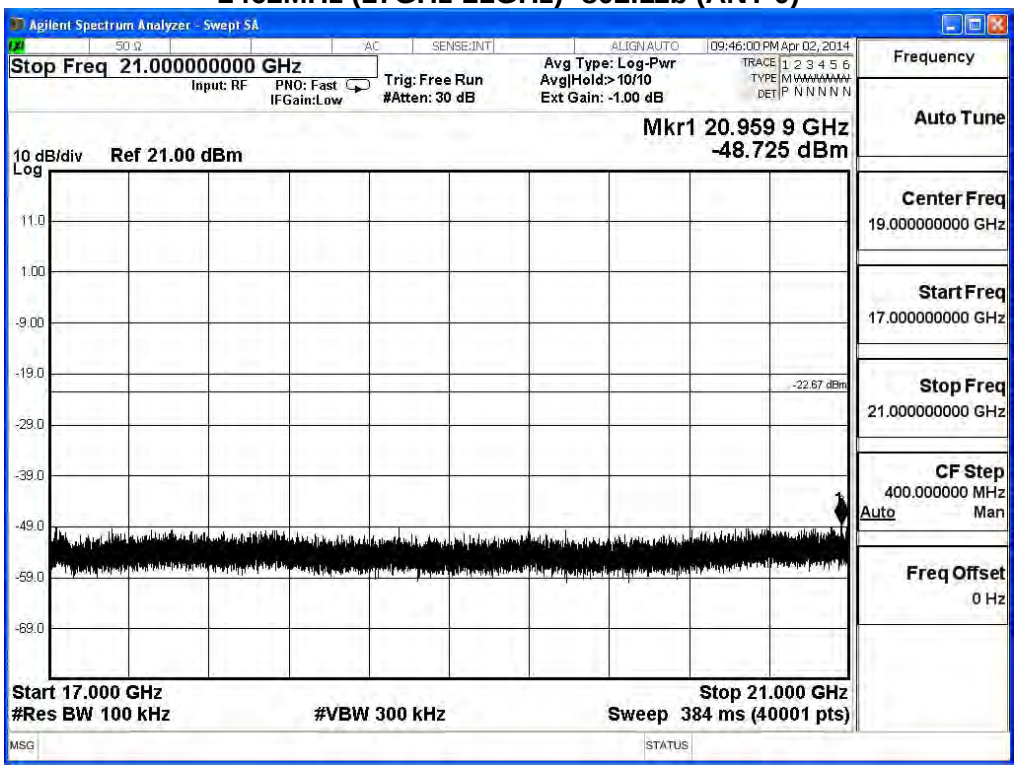
2462MHz (9GHz-13GHz) -802.11b (ANT 0)



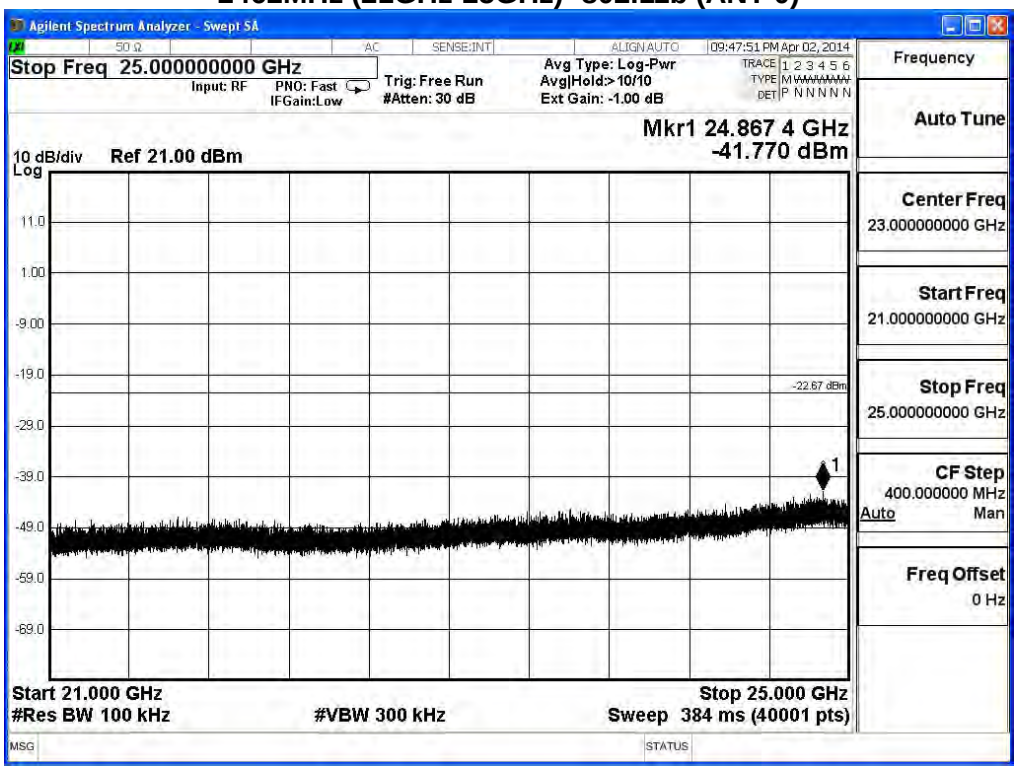
2462MHz (13GHz-17GHz) -802.11b (ANT 0)



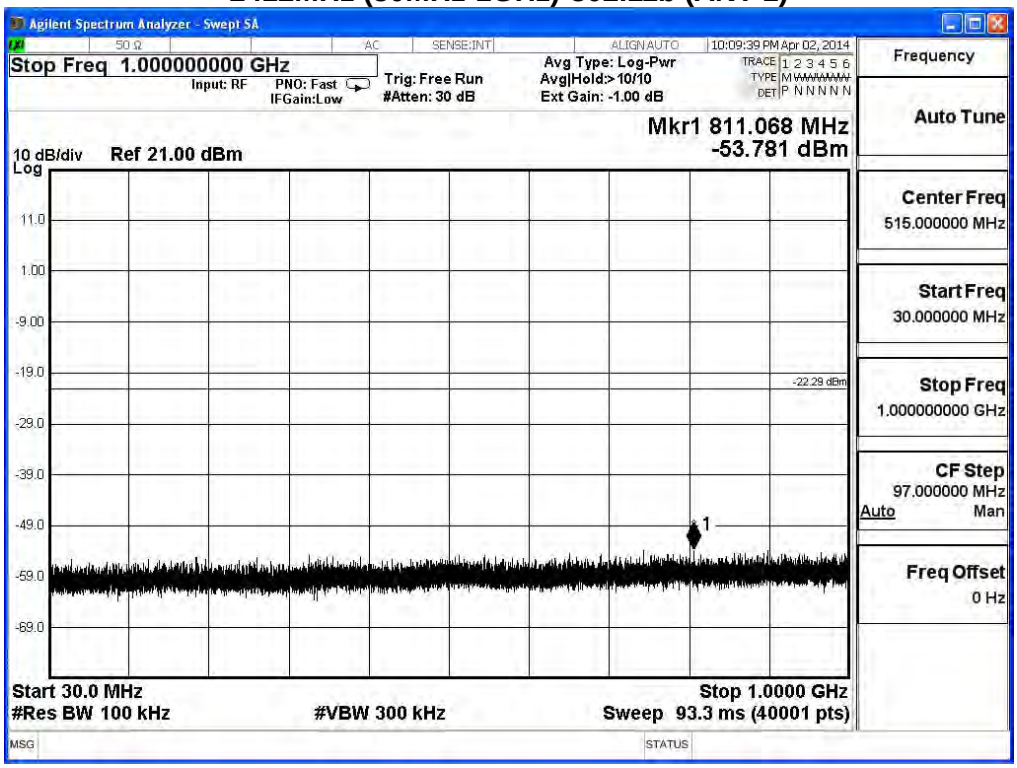
2462MHz (17GHz-21GHz) -802.11b (ANT 0)



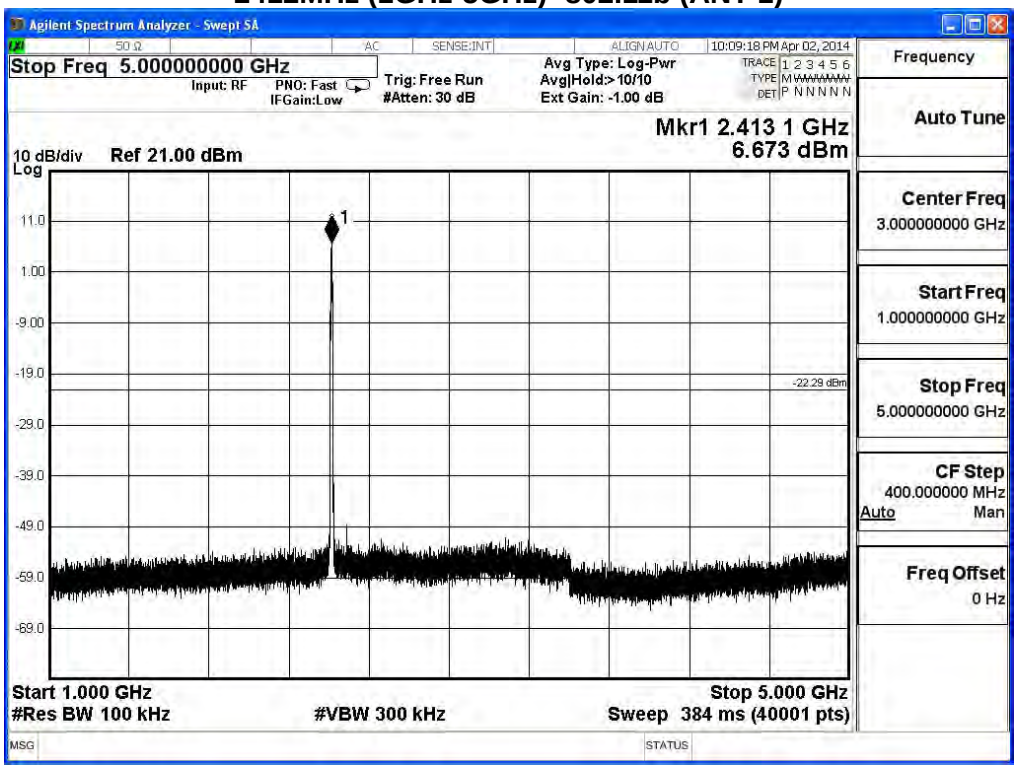
2462MHz (21GHz-25GHz) -802.11b (ANT 0)



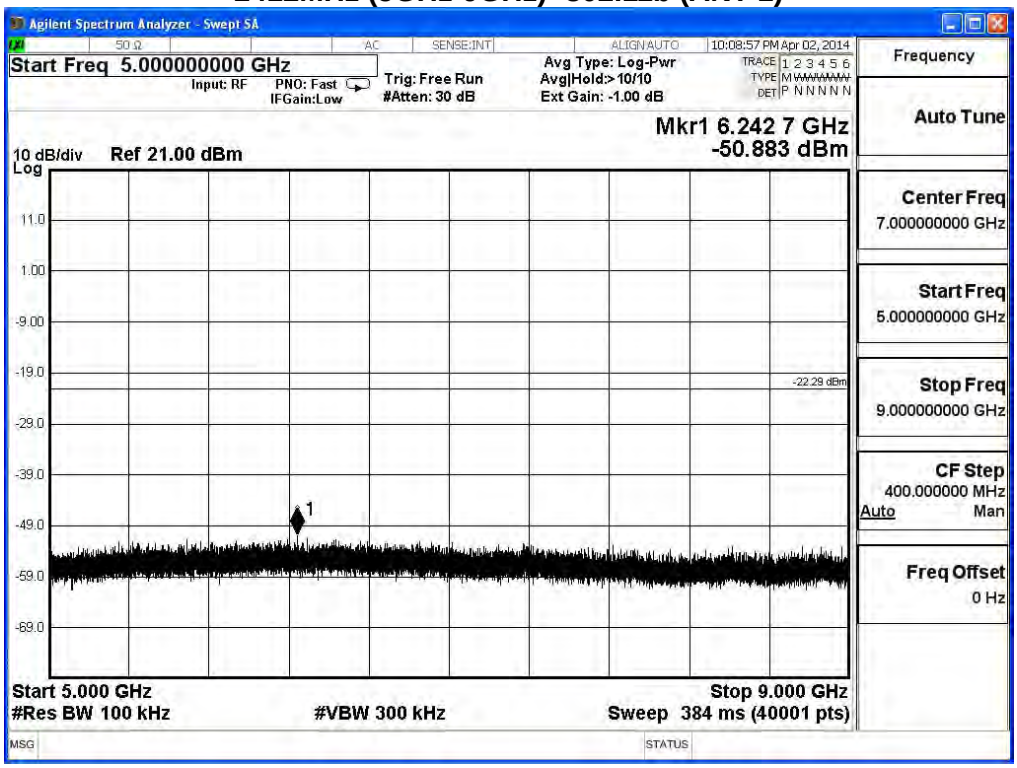
2412MHz (30MHz-1GHz)-802.11b (ANT 1)



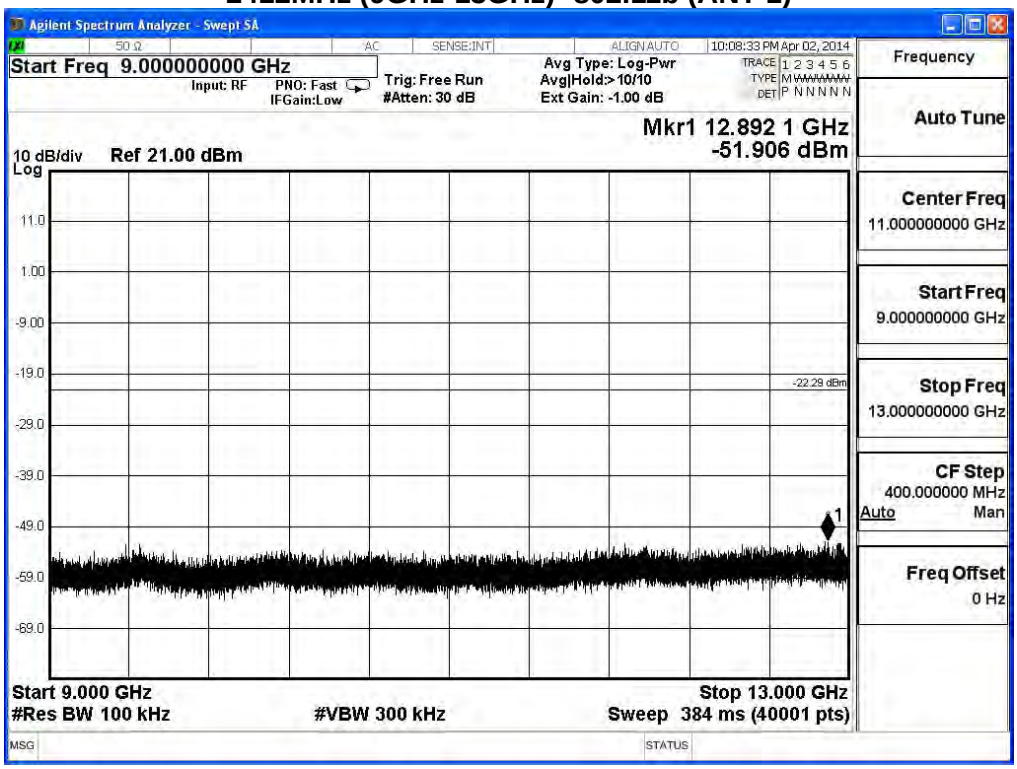
2412MHz (1GHz-5GHz) -802.11b (ANT 1)



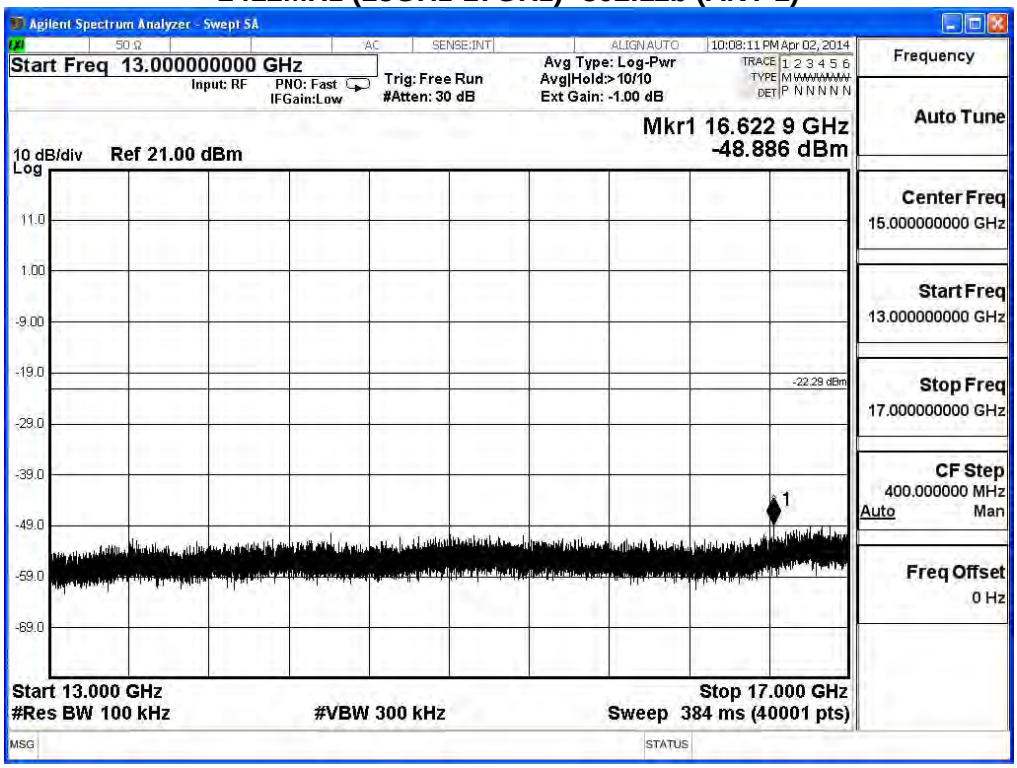
2412MHz (5GHz-9GHz) -802.11b (ANT 1)



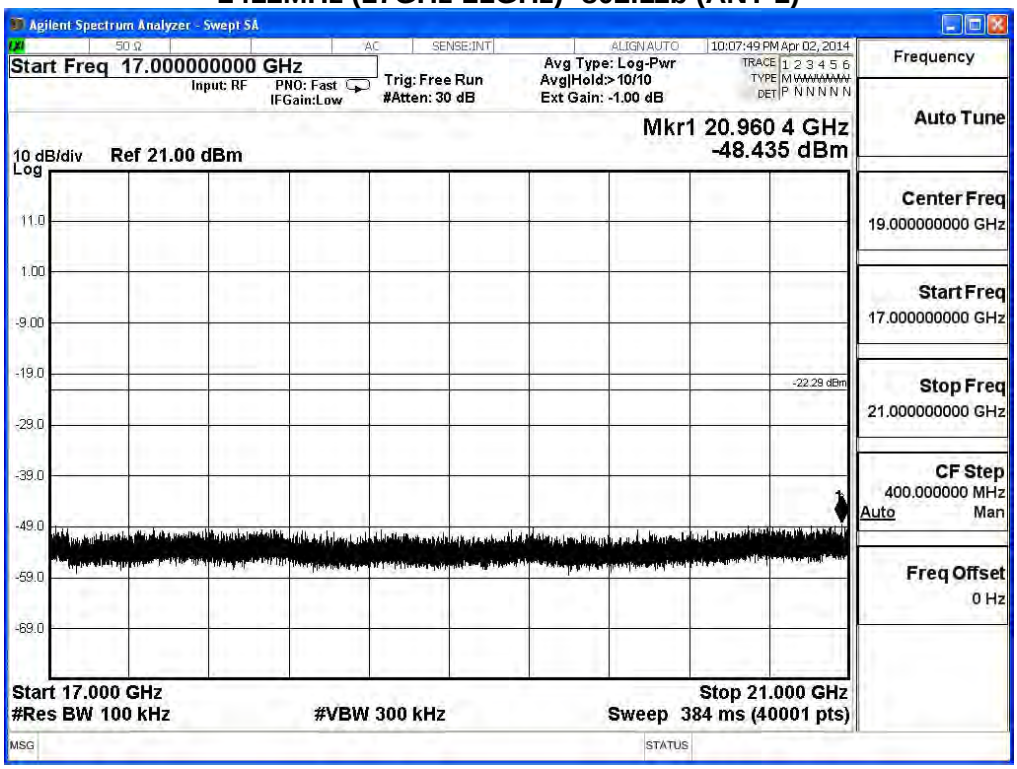
2412MHz (9GHz-13GHz) -802.11b (ANT 1)



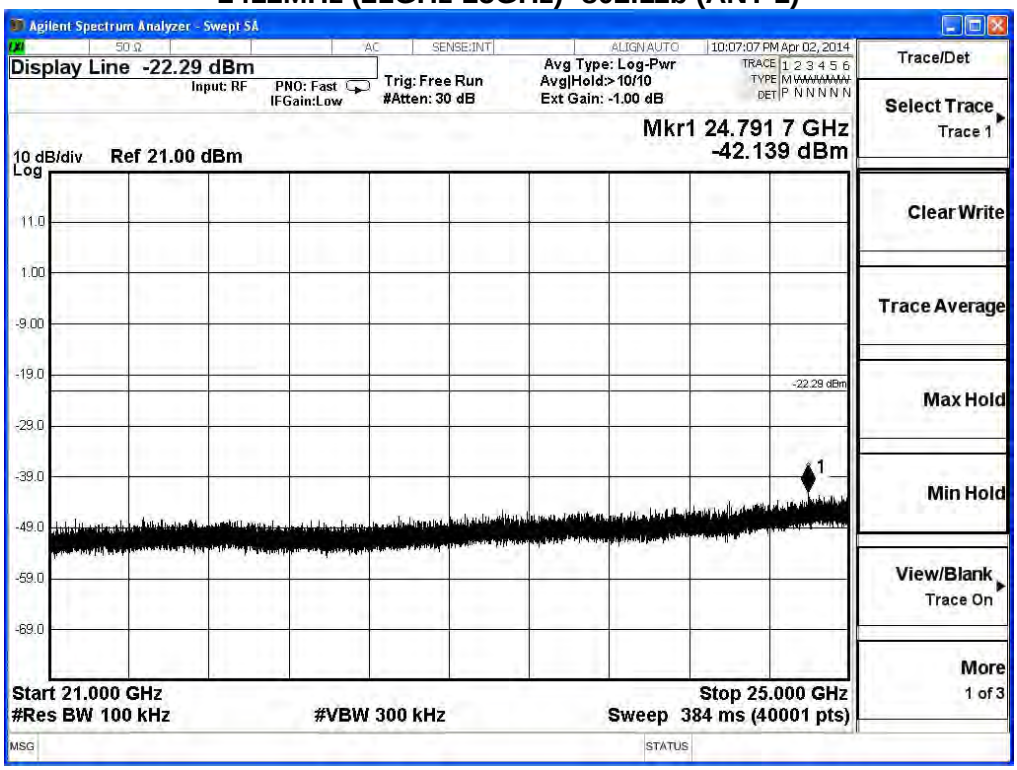
2412MHz (13GHz-17GHz) -802.11b (ANT 1)



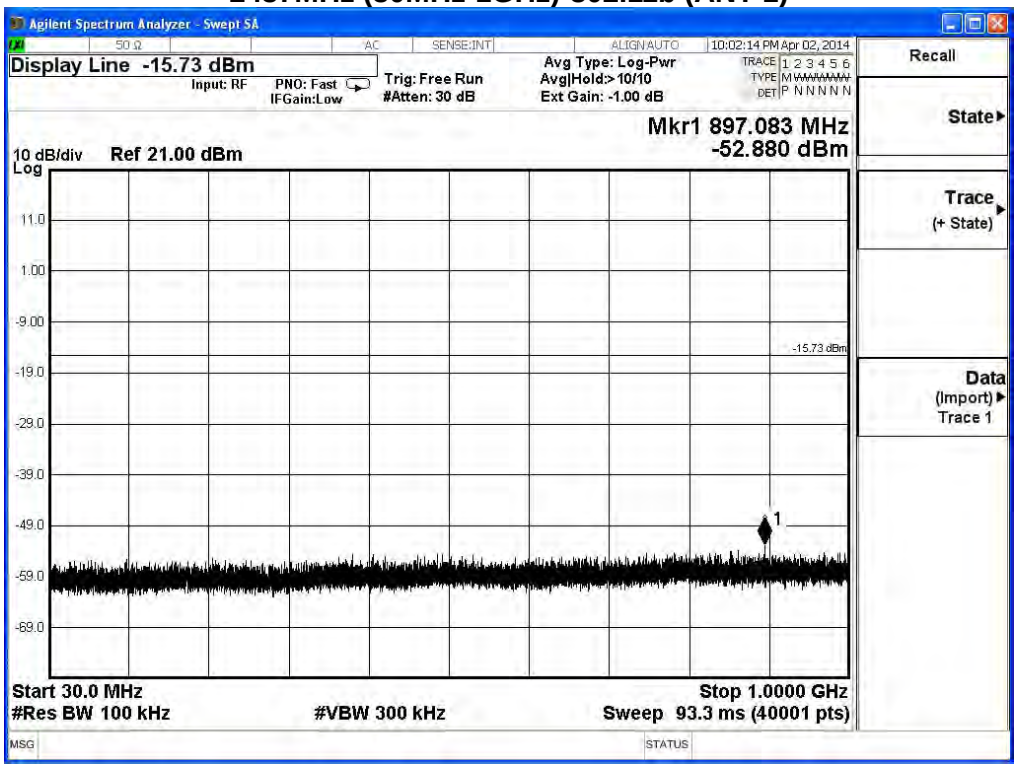
2412MHz (17GHz-21GHz) -802.11b (ANT 1)



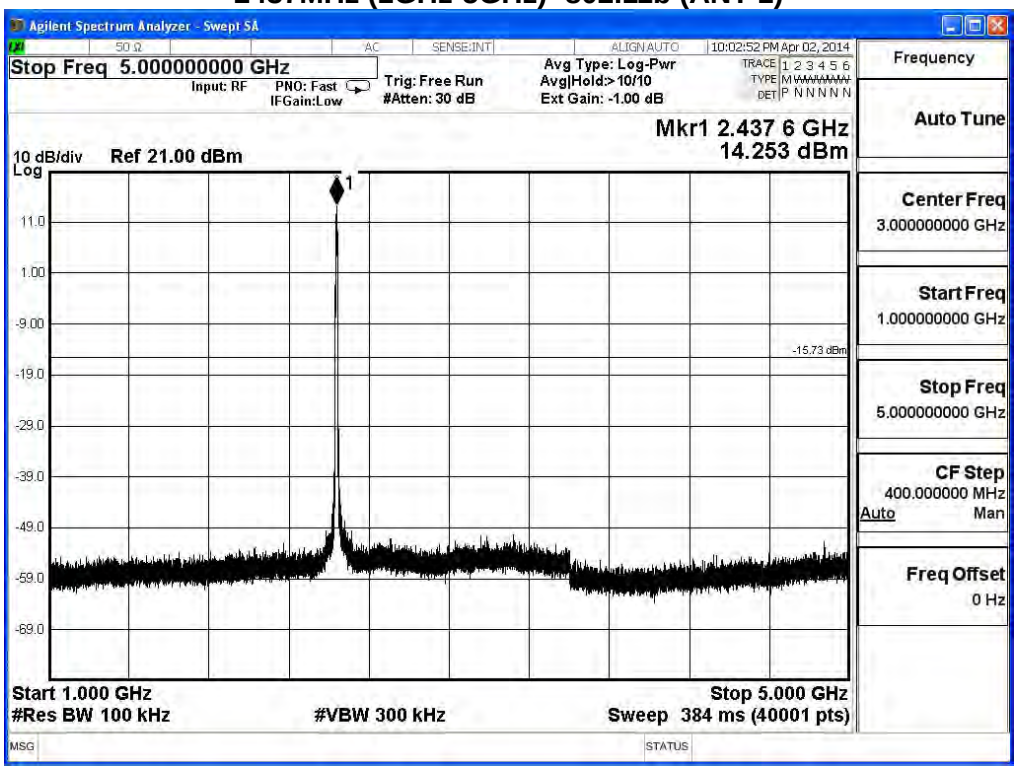
2412MHz (21GHz-25GHz) -802.11b (ANT 1)



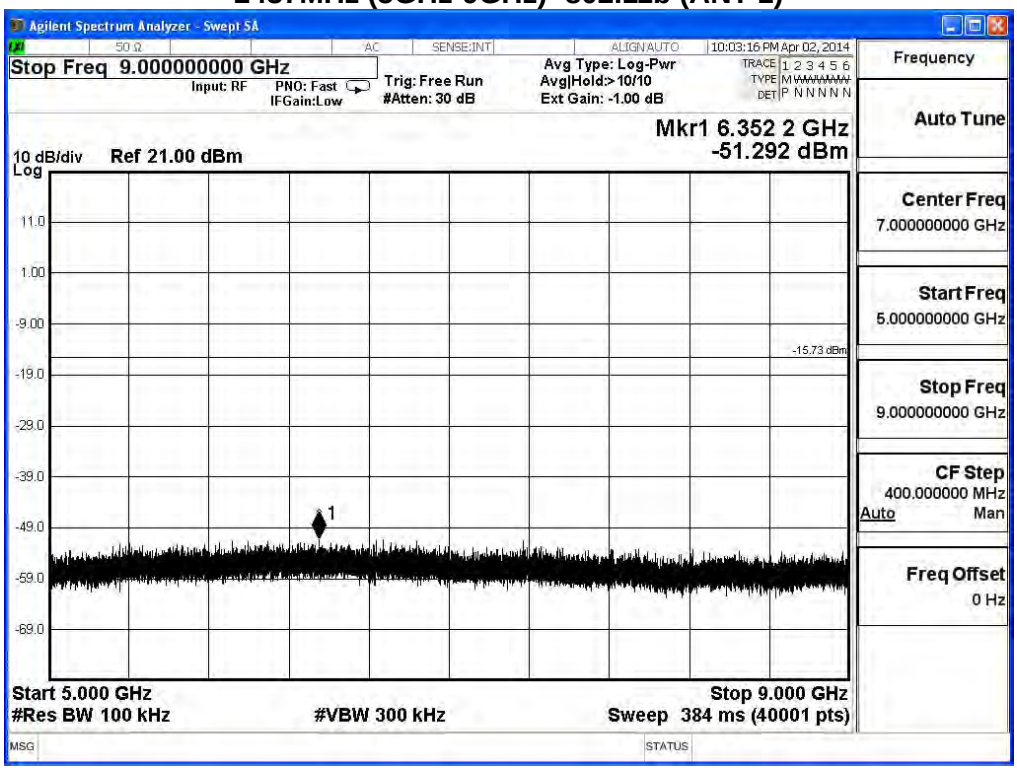
2437MHz (30MHz-1GHz)-802.11b (ANT 1)



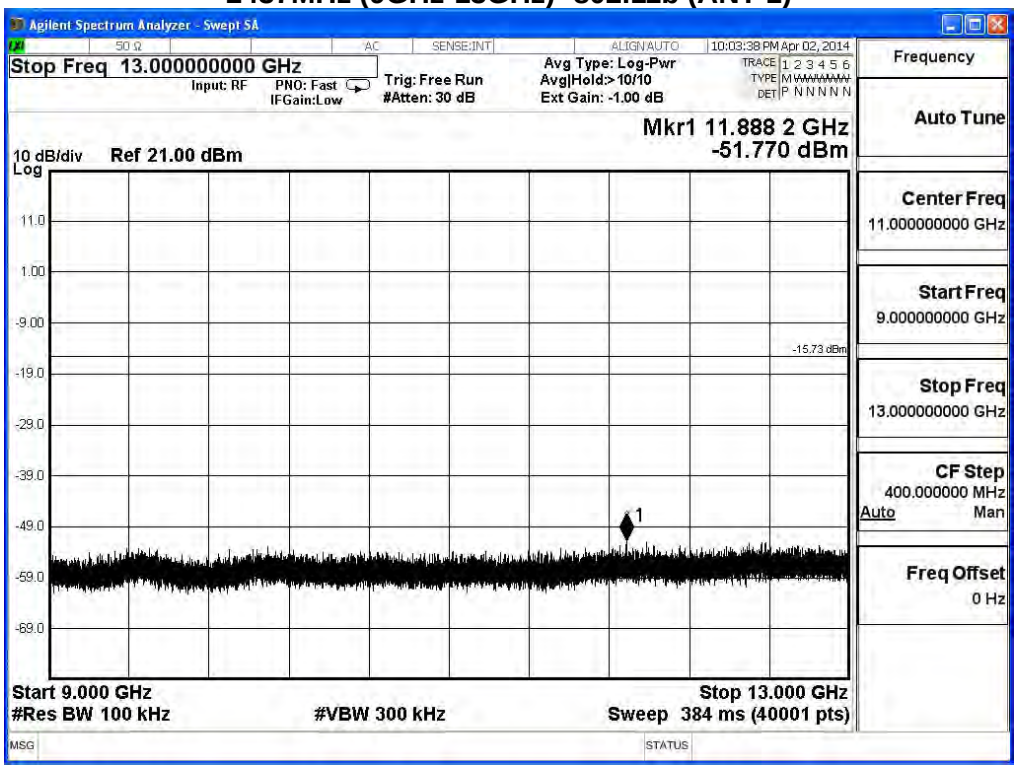
2437MHz (1GHz-5GHz) -802.11b (ANT 1)



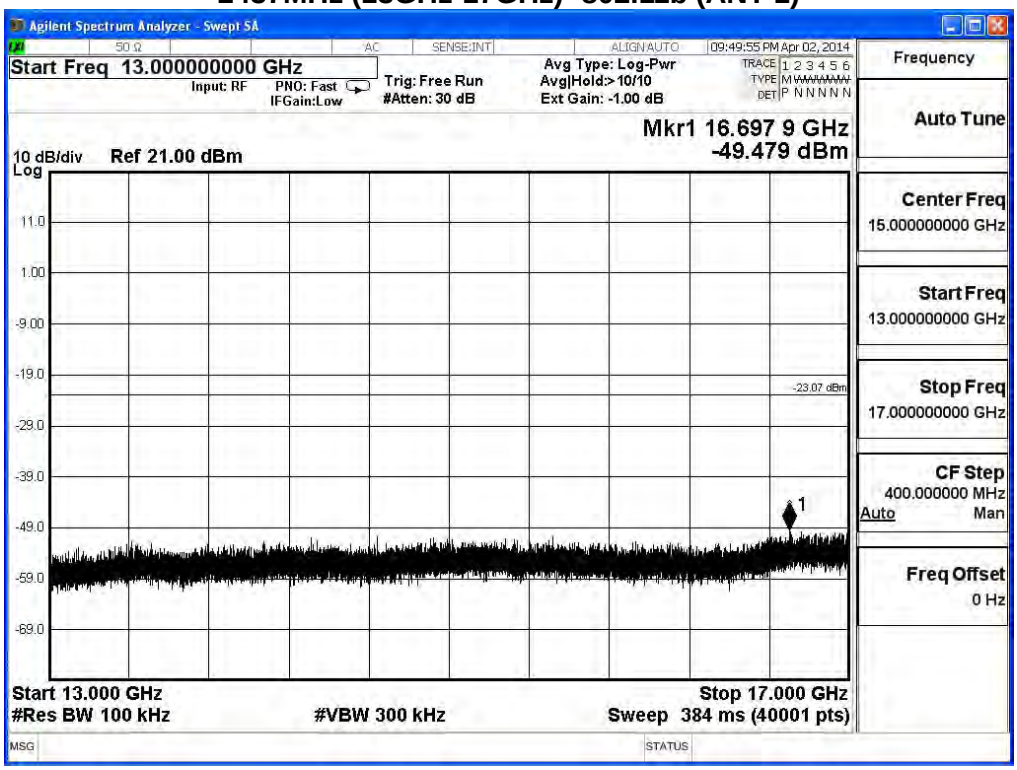
2437MHz (5GHz-9GHz) -802.11b (ANT 1)



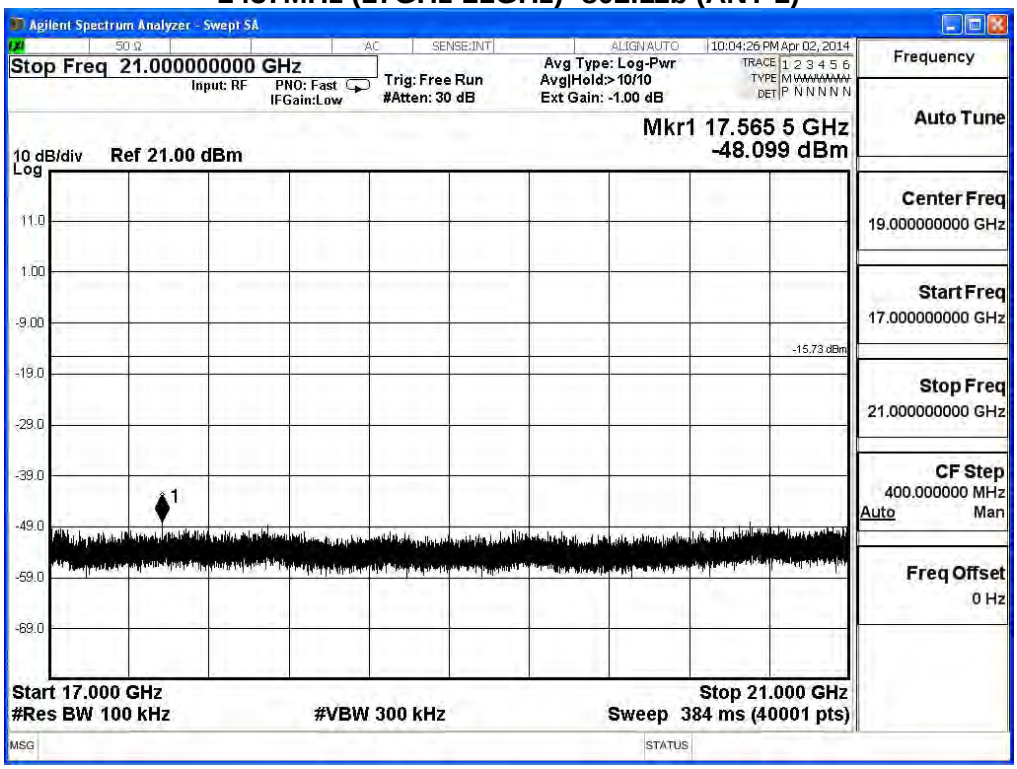
2437MHz (9GHz-13GHz) -802.11b (ANT 1)



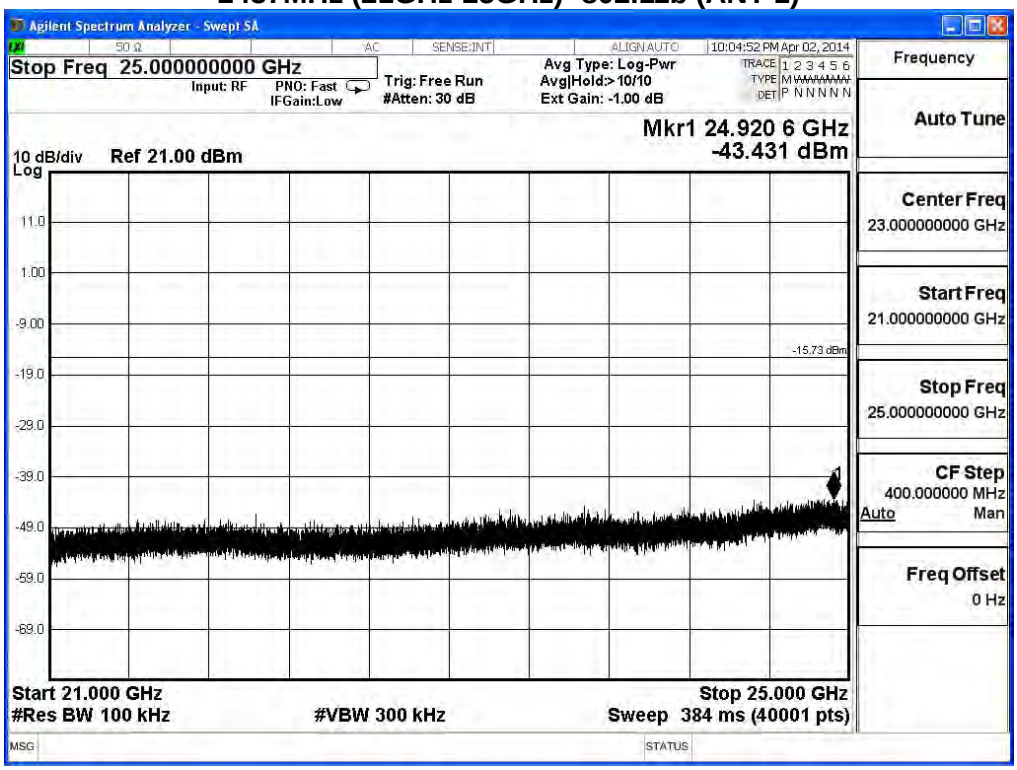
2437MHz (13GHz-17GHz) -802.11b (ANT 1)



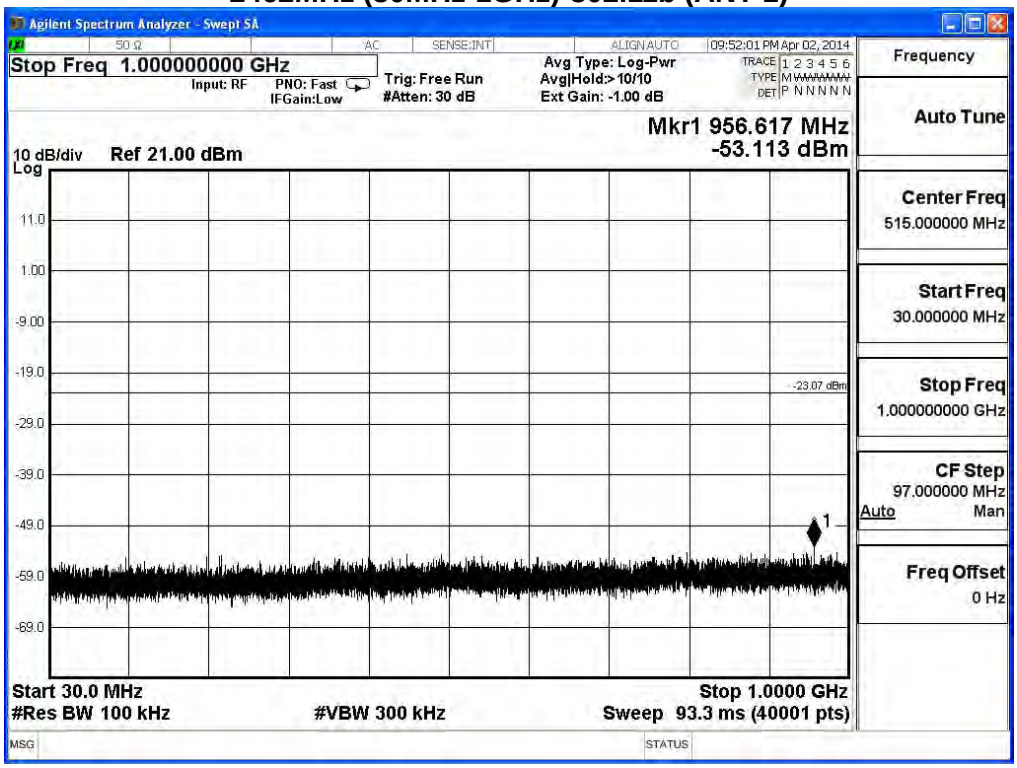
2437MHz (17GHz-21GHz) -802.11b (ANT 1)



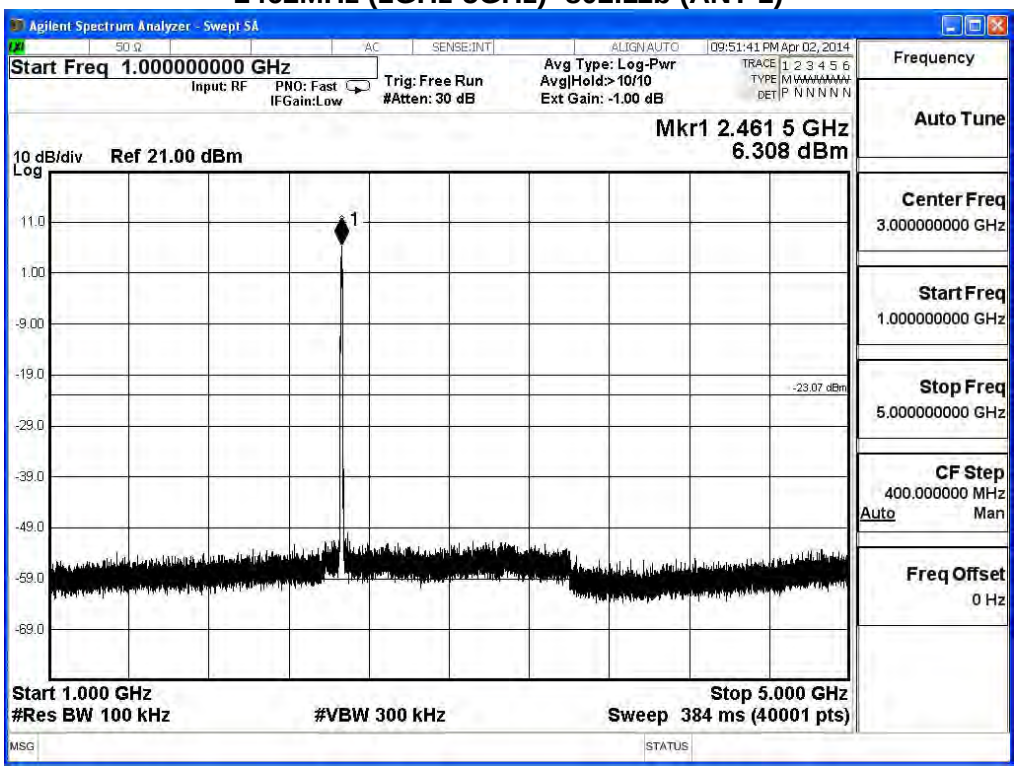
2437MHz (21GHz-25GHz) -802.11b (ANT 1)



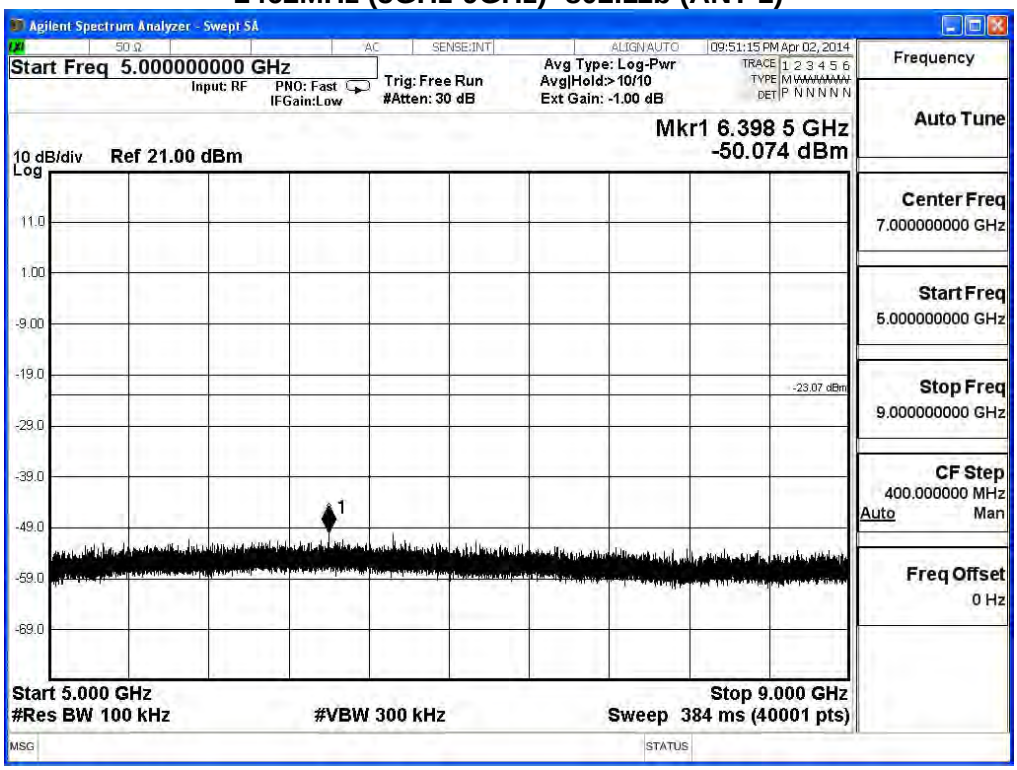
2462MHz (30MHz-1GHz)-802.11b (ANT 1)



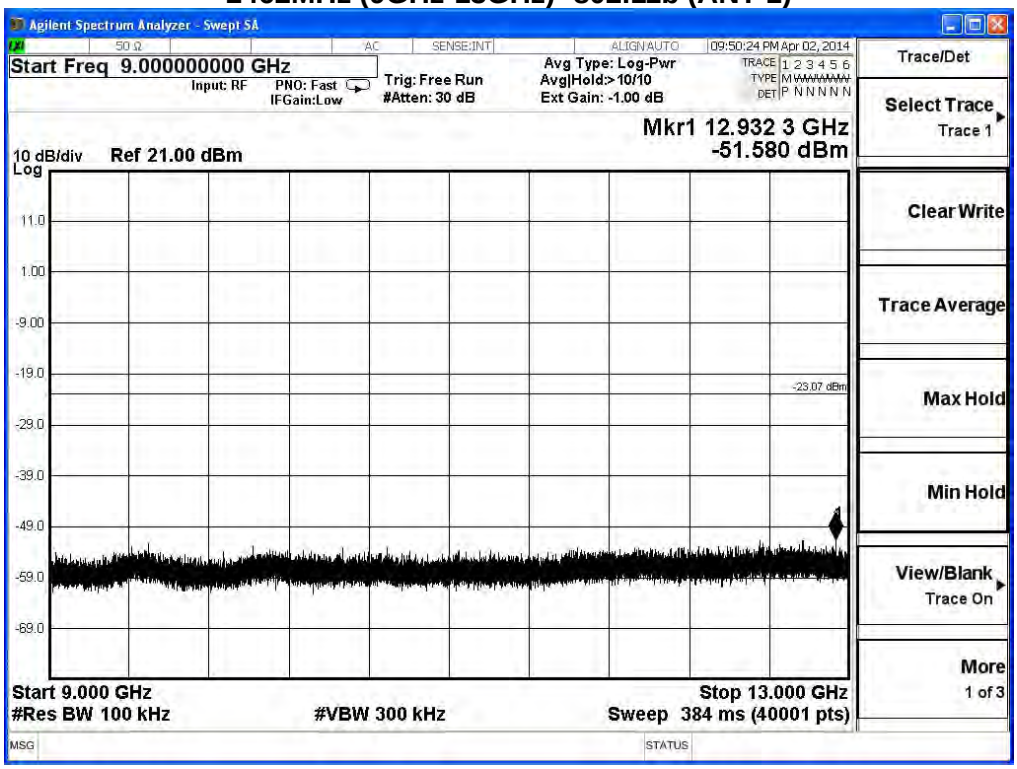
2462MHz (1GHz-5GHz) -802.11b (ANT 1)



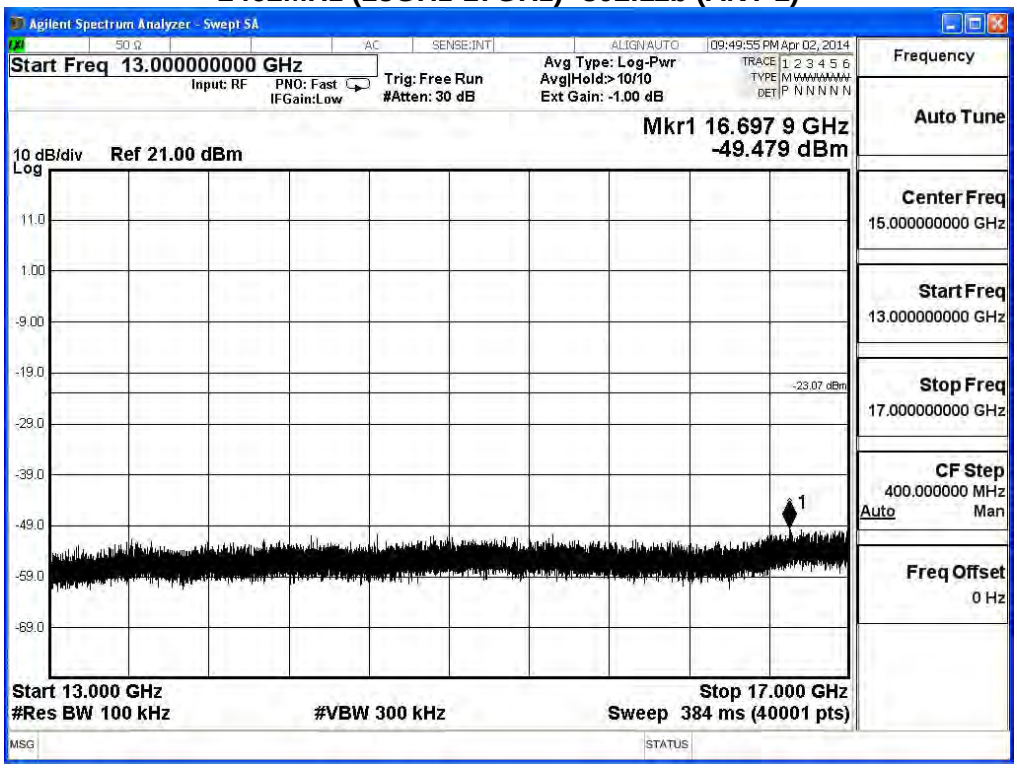
2462MHz (5GHz-9GHz) -802.11b (ANT 1)



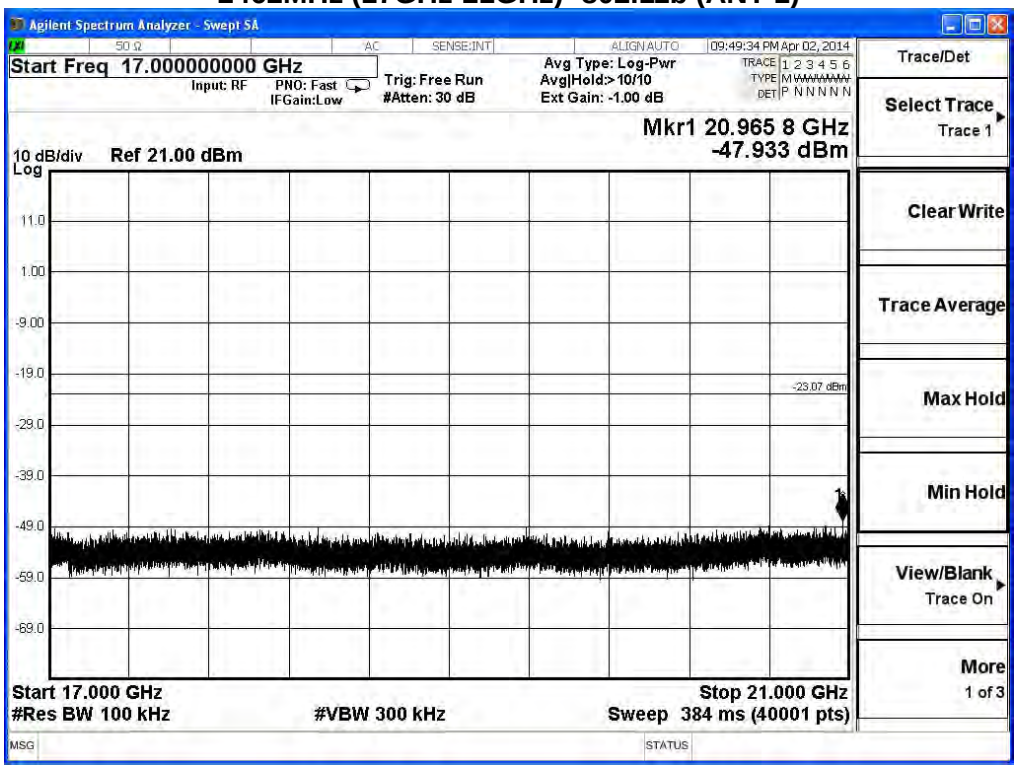
2462MHz (9GHz-13GHz) -802.11b (ANT 1)



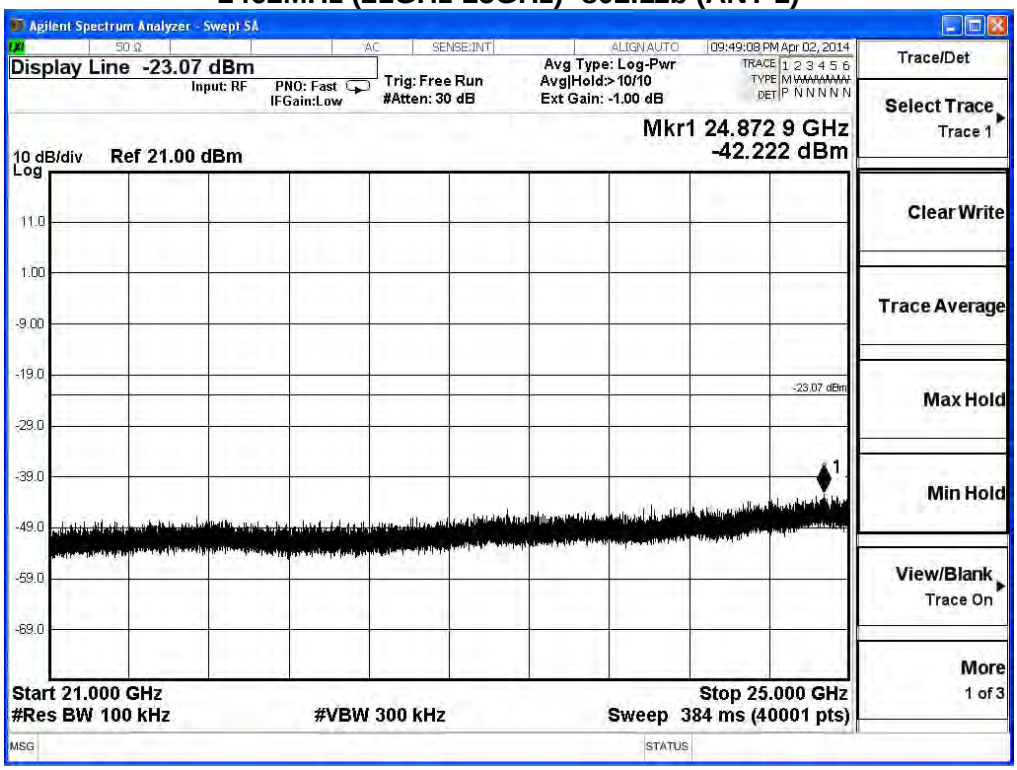
2462MHz (13GHz-17GHz) -802.11b (ANT 1)



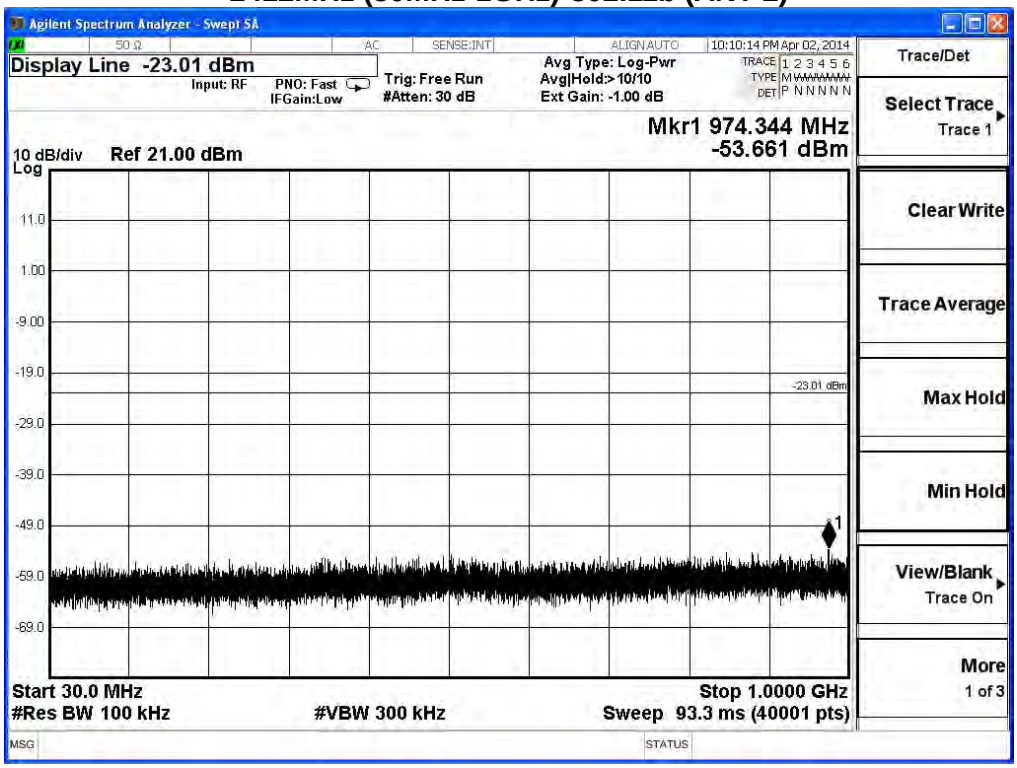
2462MHz (17GHz-21GHz) -802.11b (ANT 1)



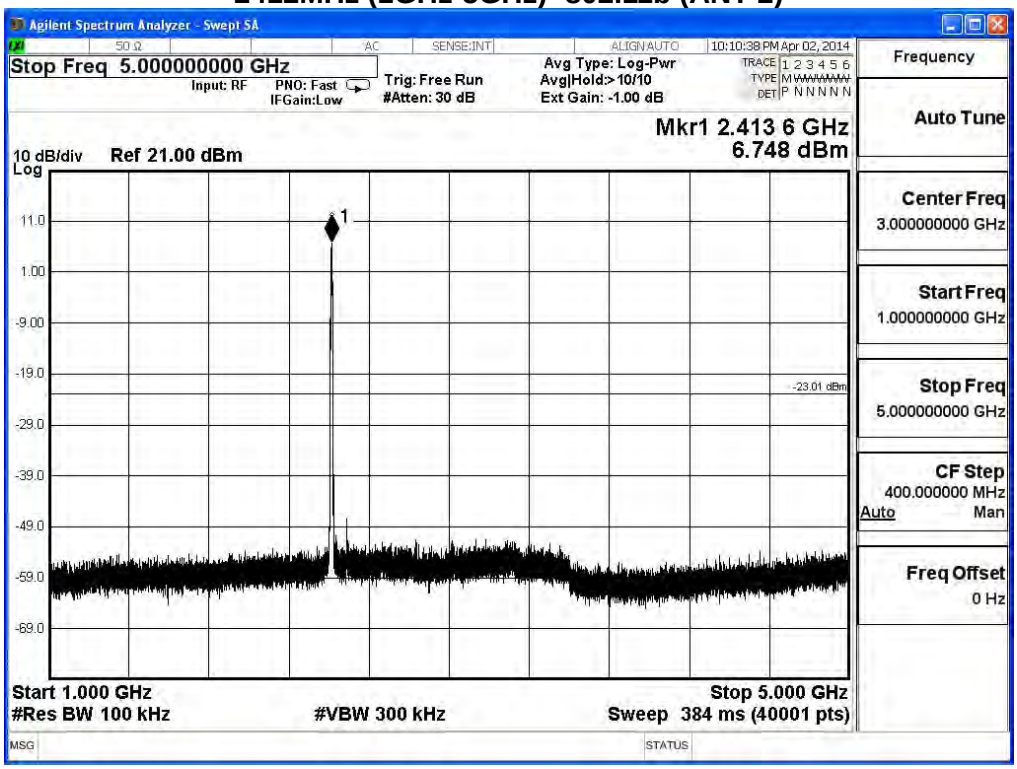
2462MHz (21GHz-25GHz) -802.11b (ANT 1)



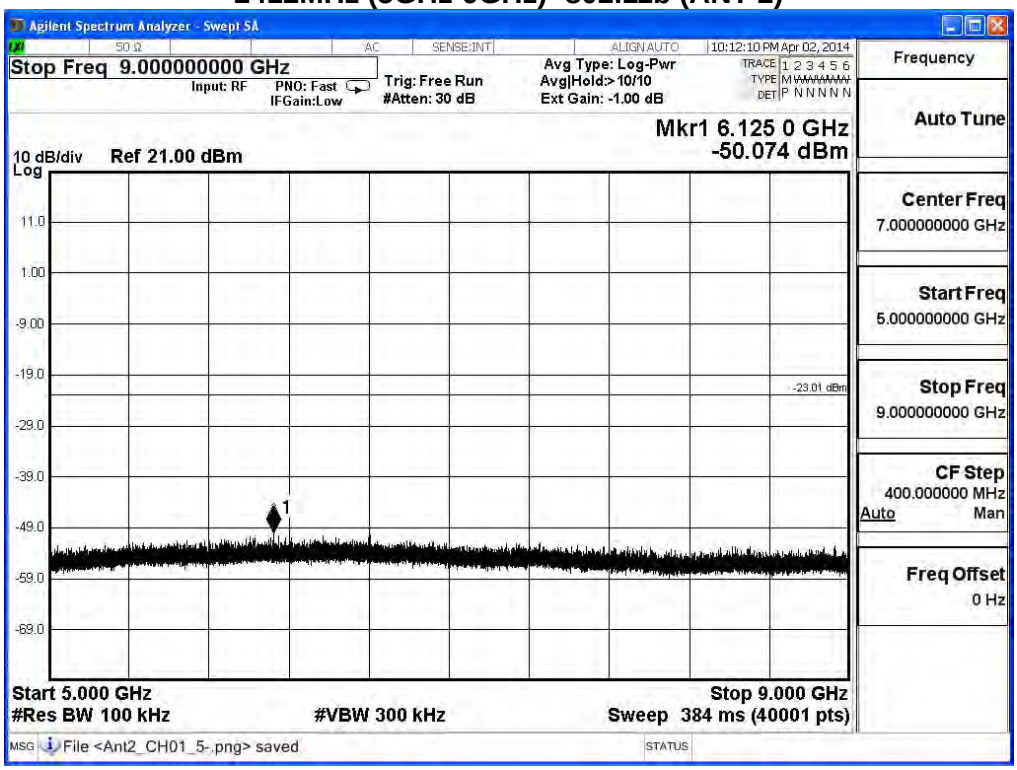
2412MHz (30MHz-1GHz)-802.11b (ANT 2)



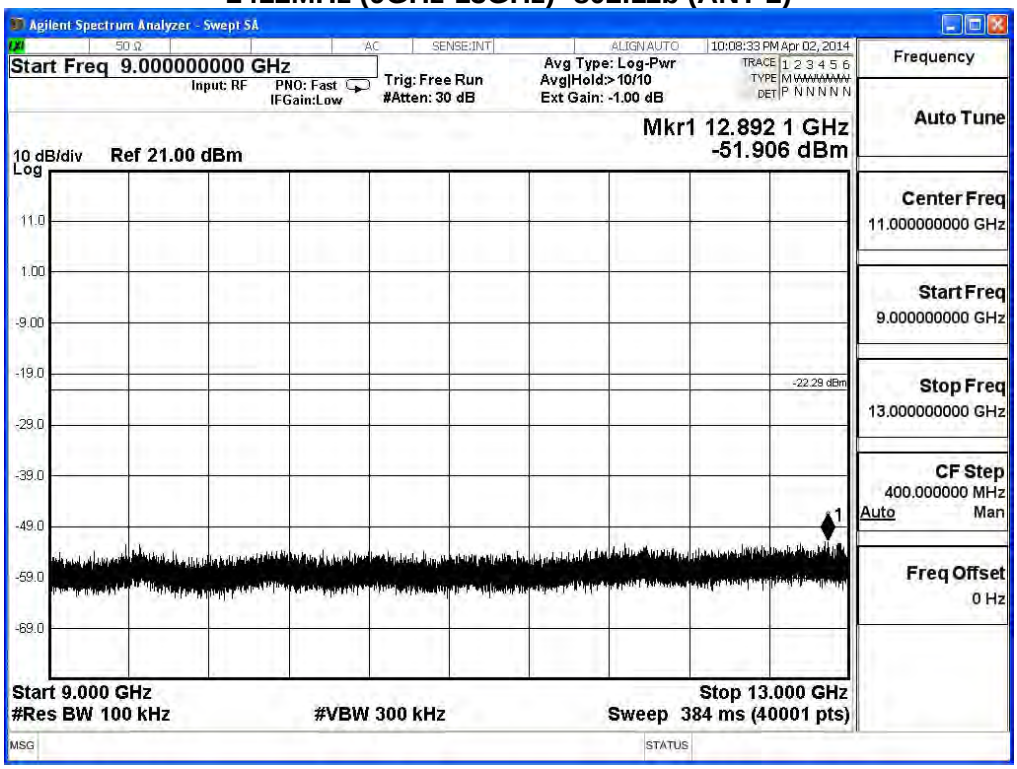
2412MHz (1GHz-5GHz) -802.11b (ANT 2)



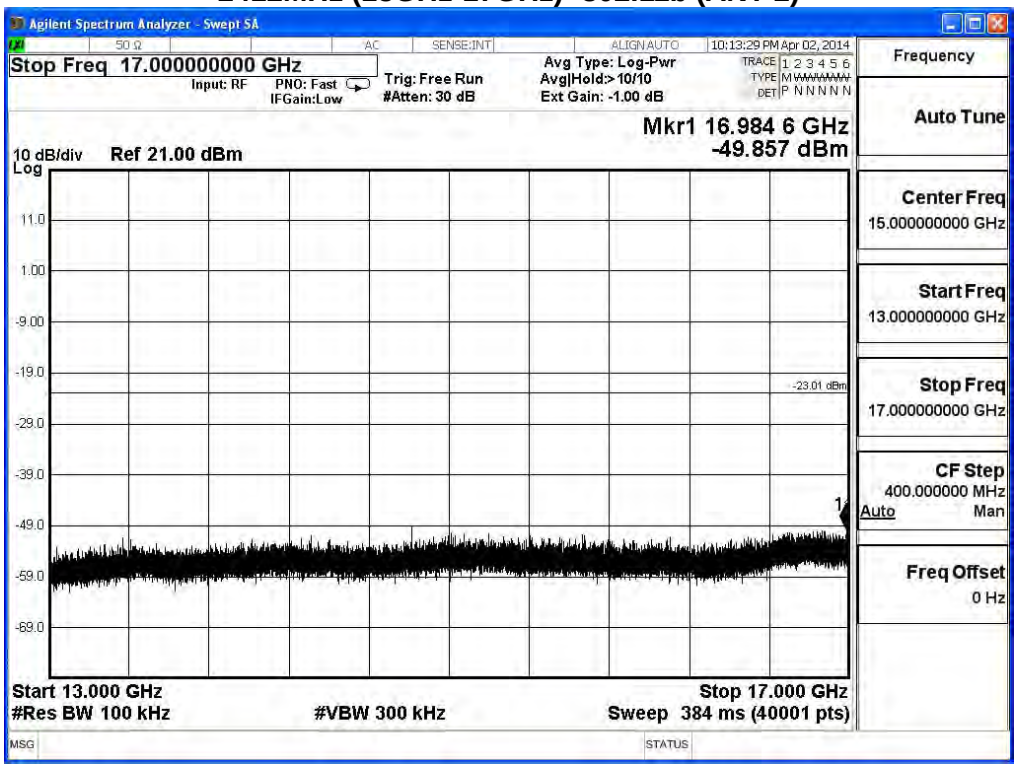
2412MHz (5GHz-9GHz) -802.11b (ANT 2)



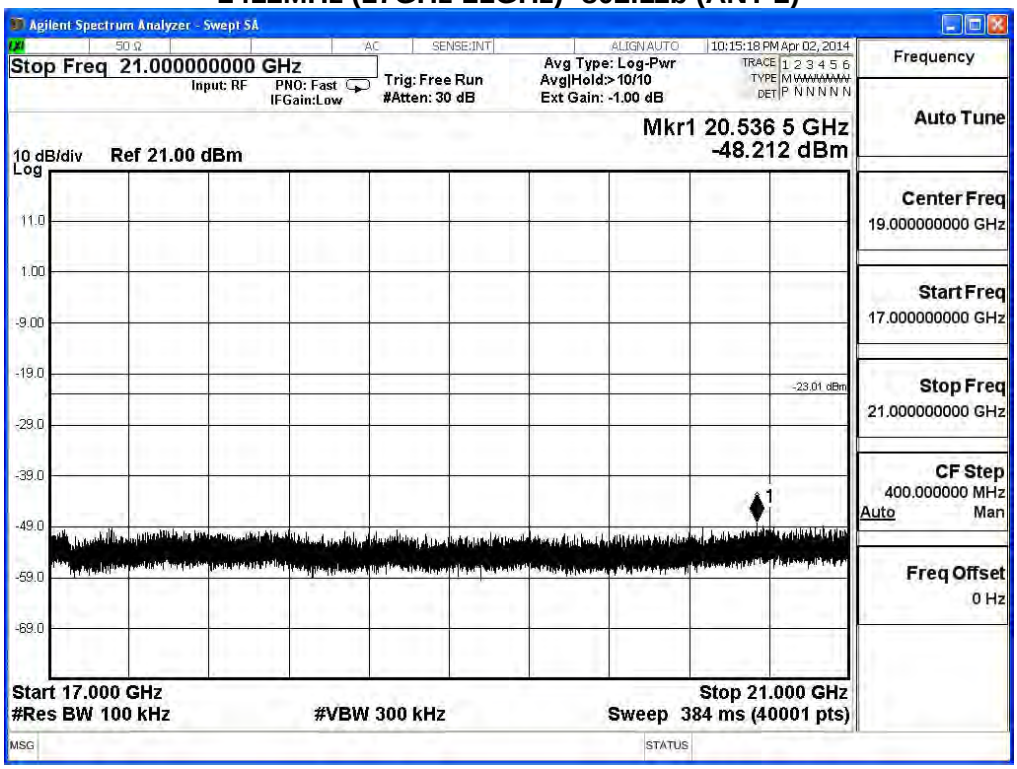
2412MHz (9GHz-13GHz) -802.11b (ANT 2)



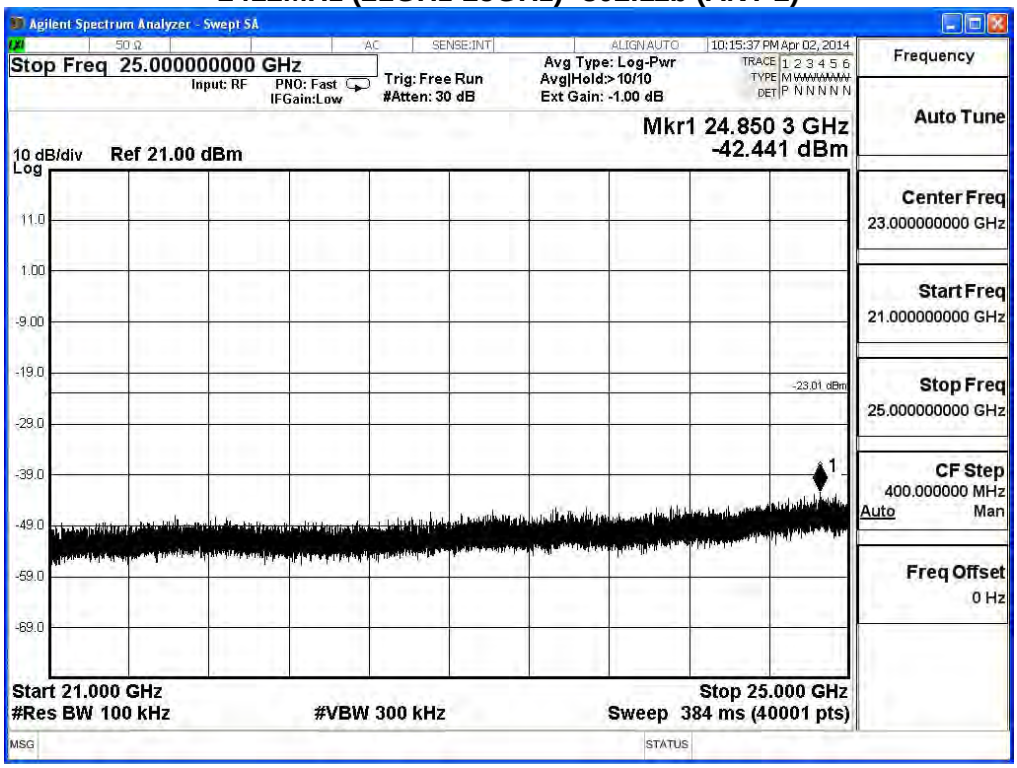
2412MHz (13GHz-17GHz) -802.11b (ANT 2)



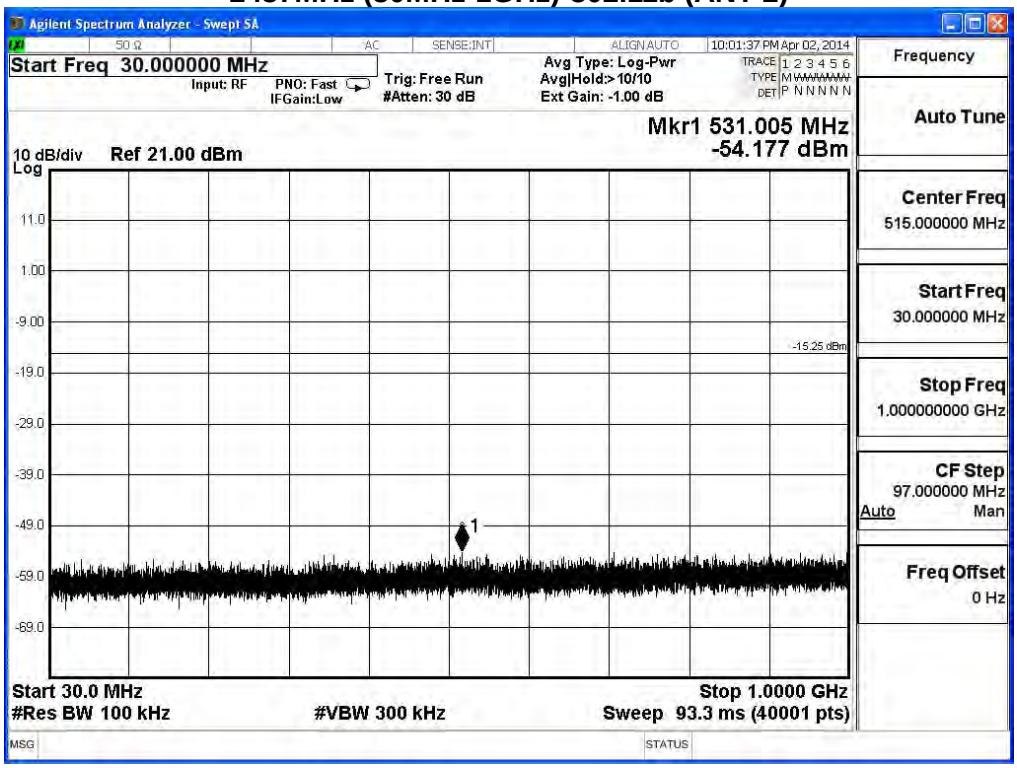
2412MHz (17GHz-21GHz) -802.11b (ANT 2)



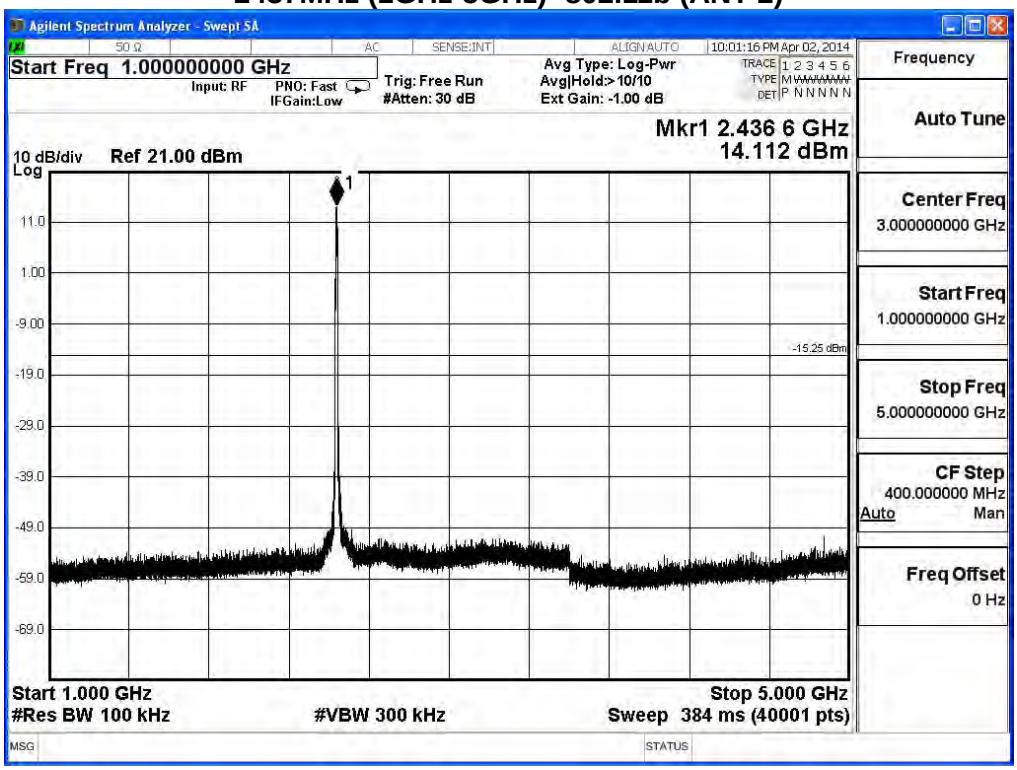
2412MHz (21GHz-25GHz) -802.11b (ANT 2)



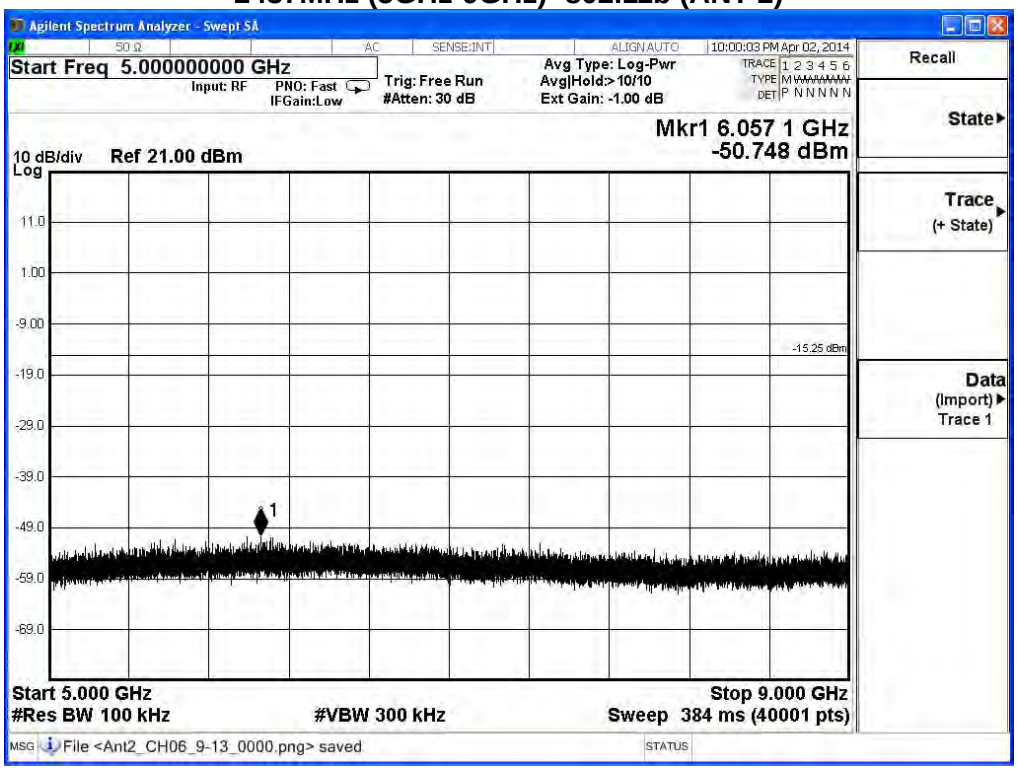
2437MHz (30MHz-1GHz)-802.11b (ANT 2)



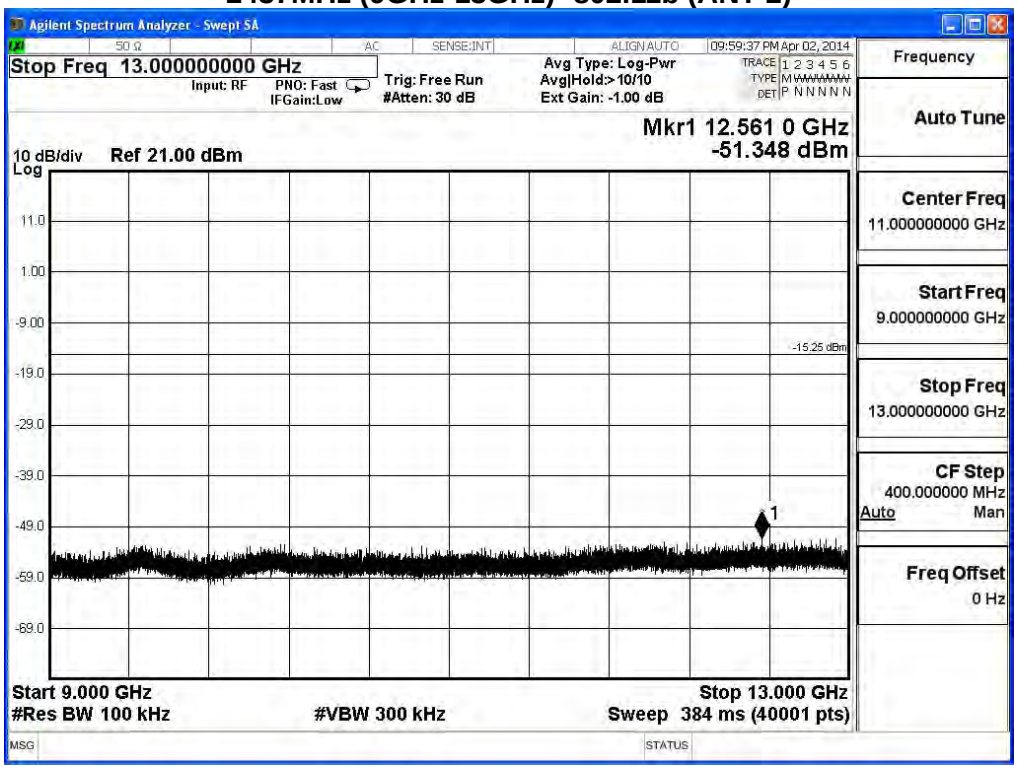
2437MHz (1GHz-5GHz) -802.11b (ANT 2)



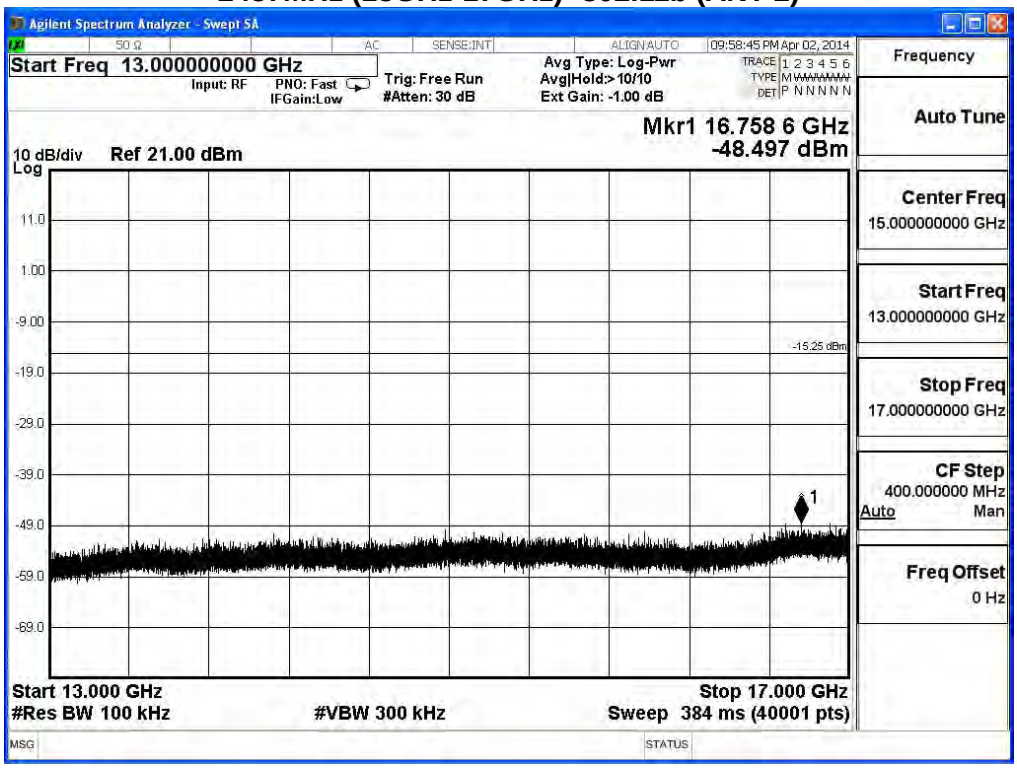
2437MHz (5GHz-9GHz) -802.11b (ANT 2)



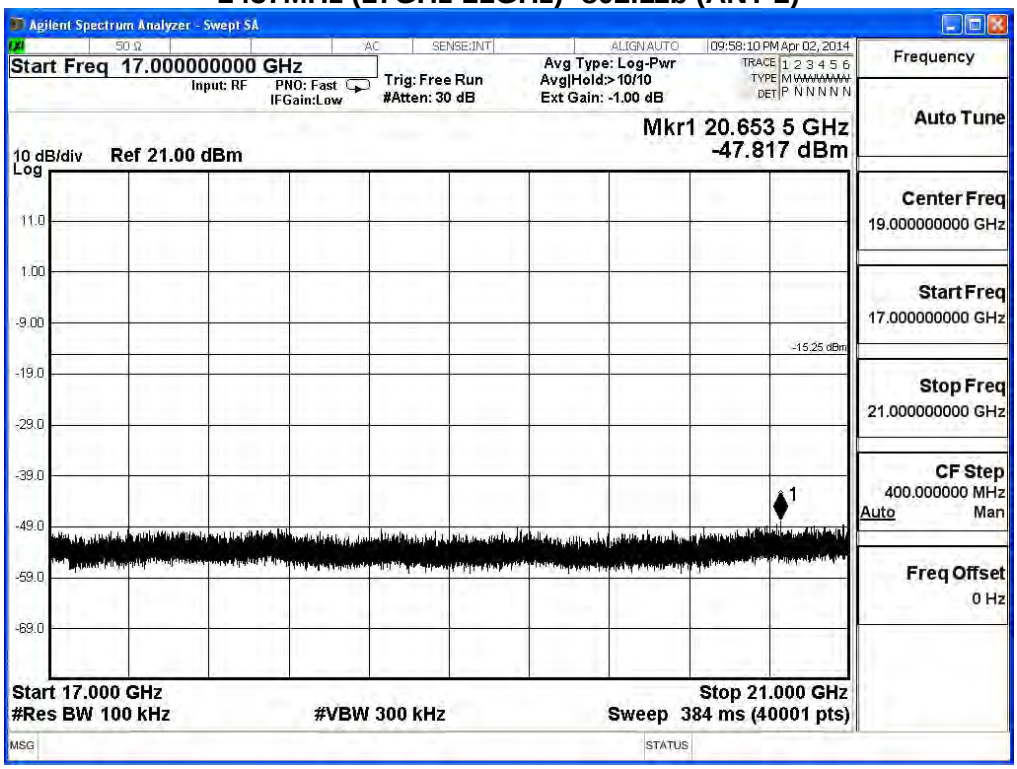
2437MHz (9GHz-13GHz) -802.11b (ANT 2)



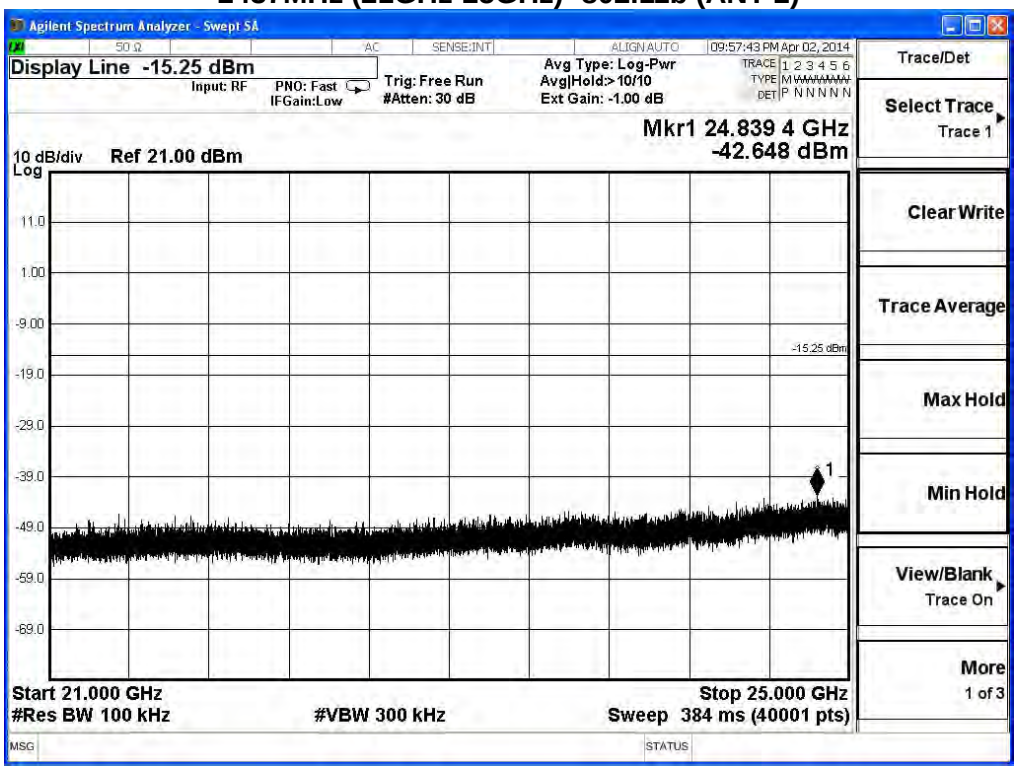
2437MHz (13GHz-17GHz) -802.11b (ANT 2)



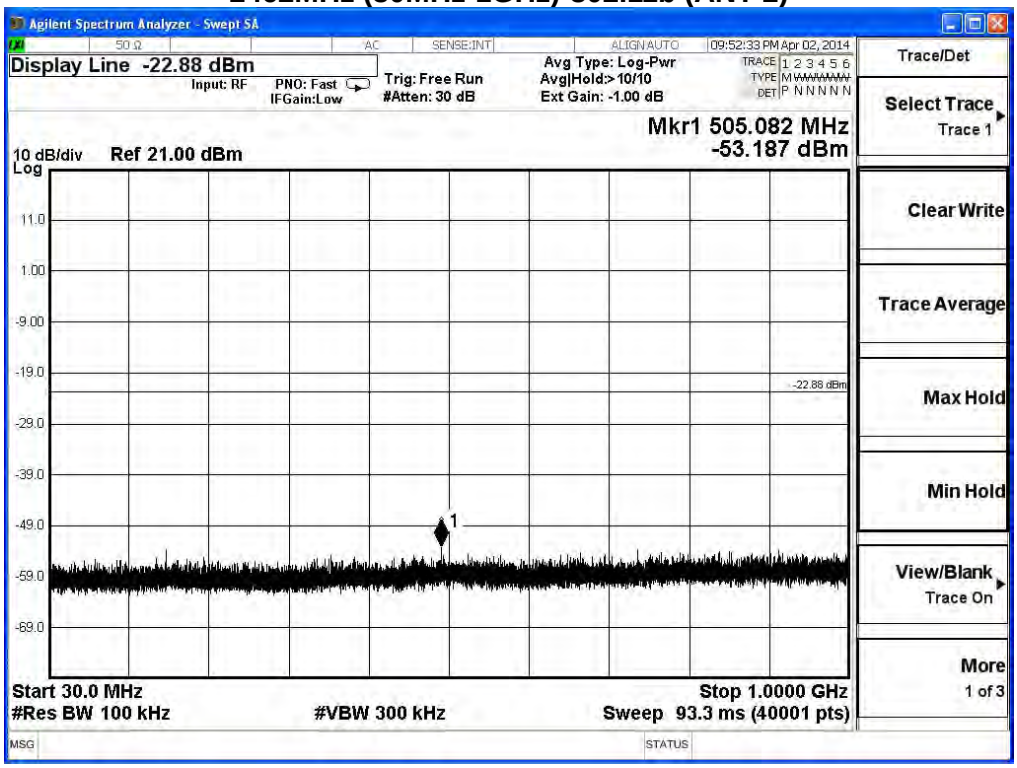
2437MHz (17GHz-21GHz) -802.11b (ANT 2)



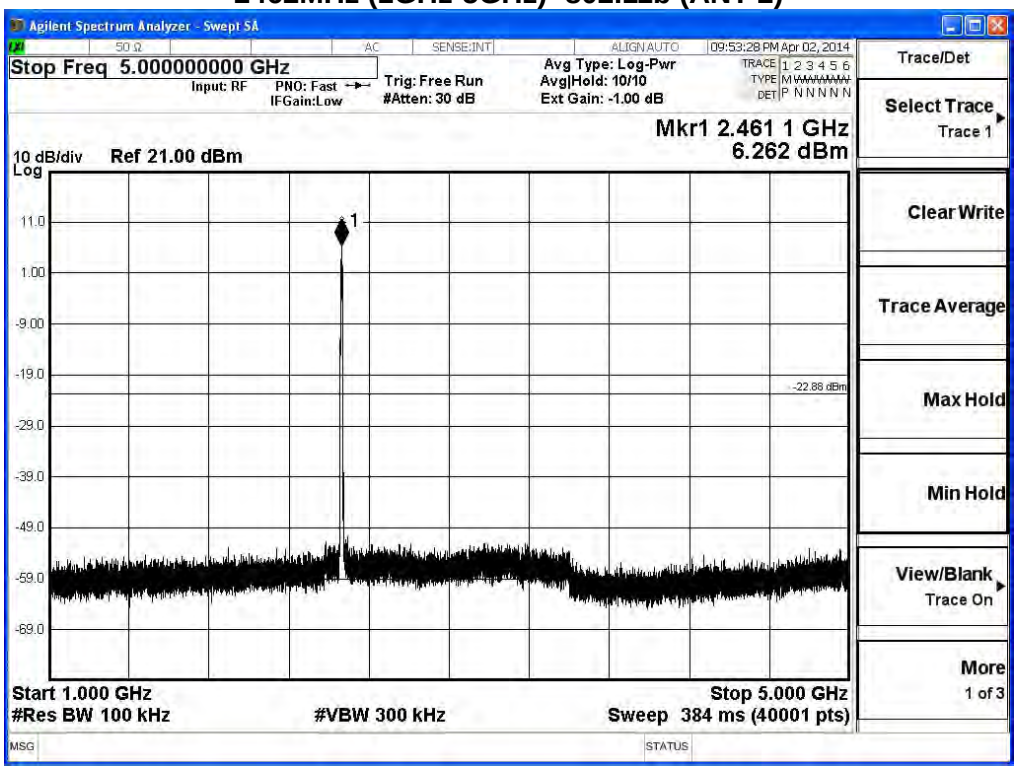
2437MHz (21GHz-25GHz) -802.11b (ANT 2)



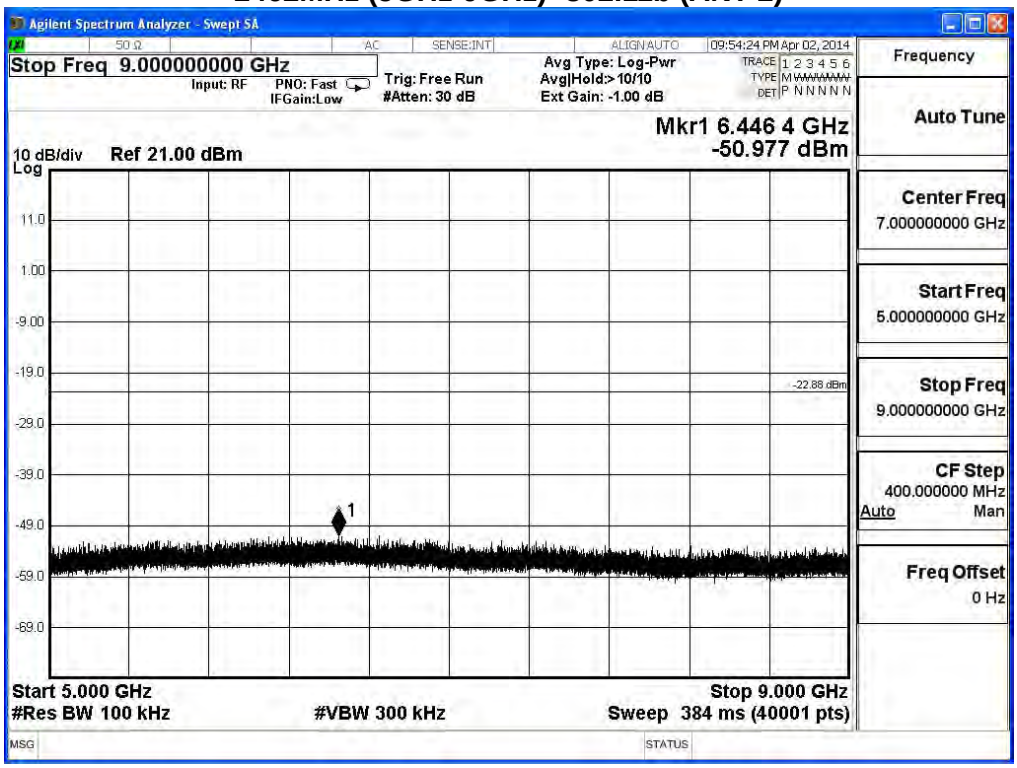
2462MHz (30MHz-1GHz)-802.11b (ANT 2)



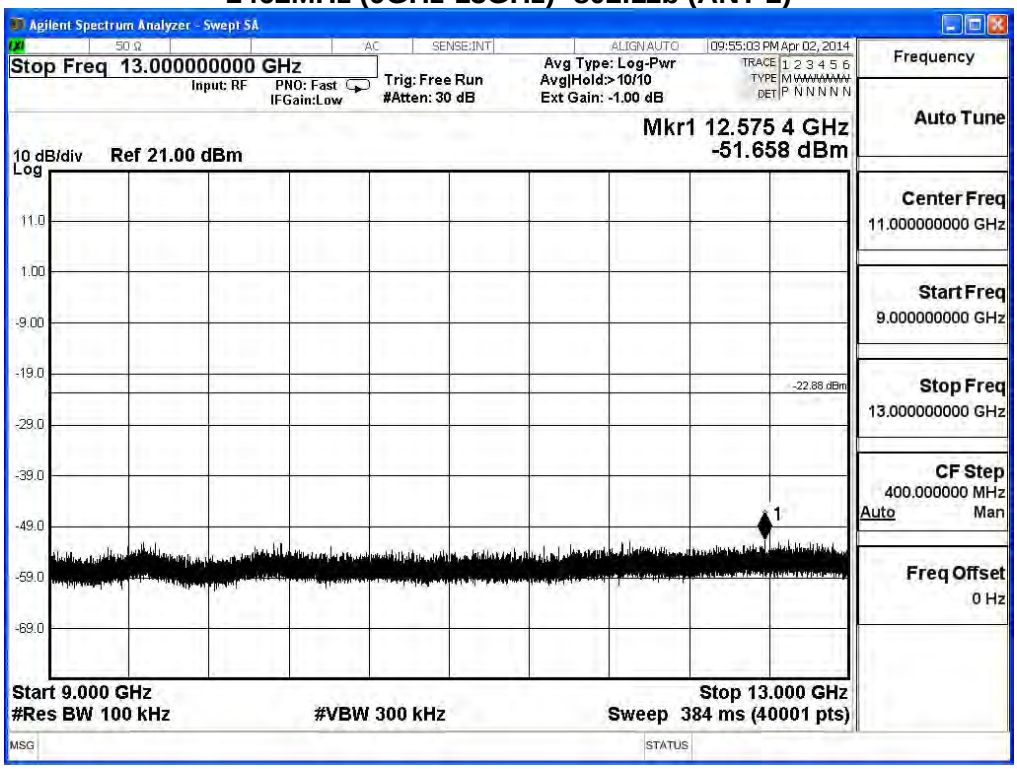
2462MHz (1GHz-5GHz) -802.11b (ANT 2)



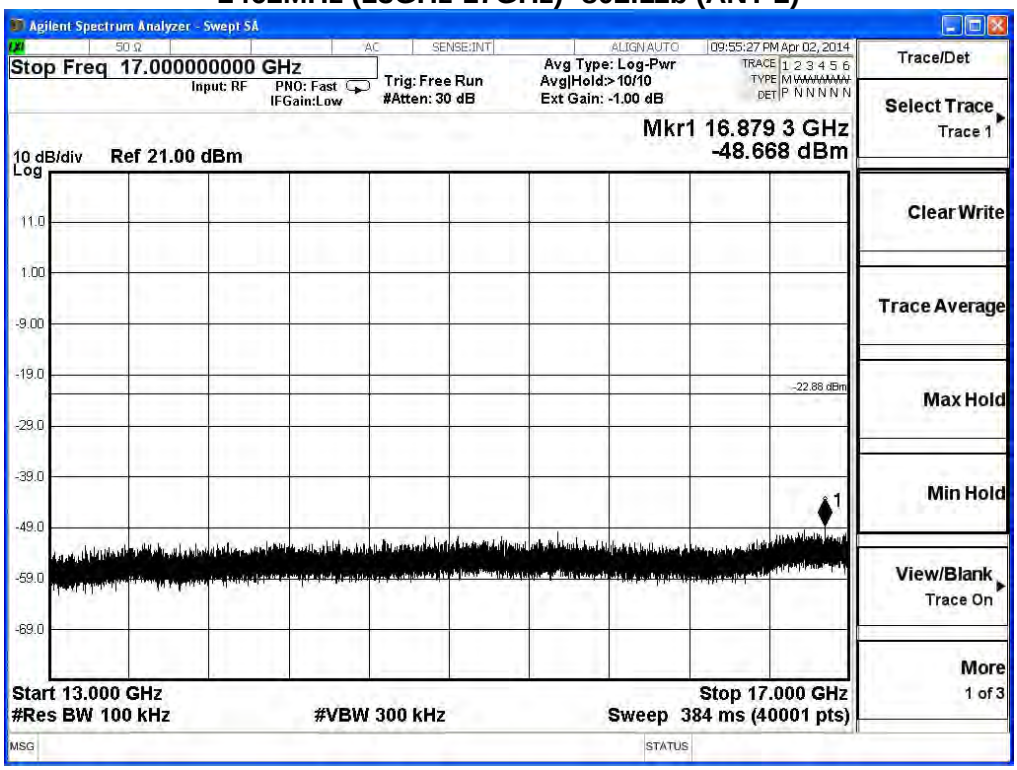
2462MHz (5GHz-9GHz) -802.11b (ANT 2)



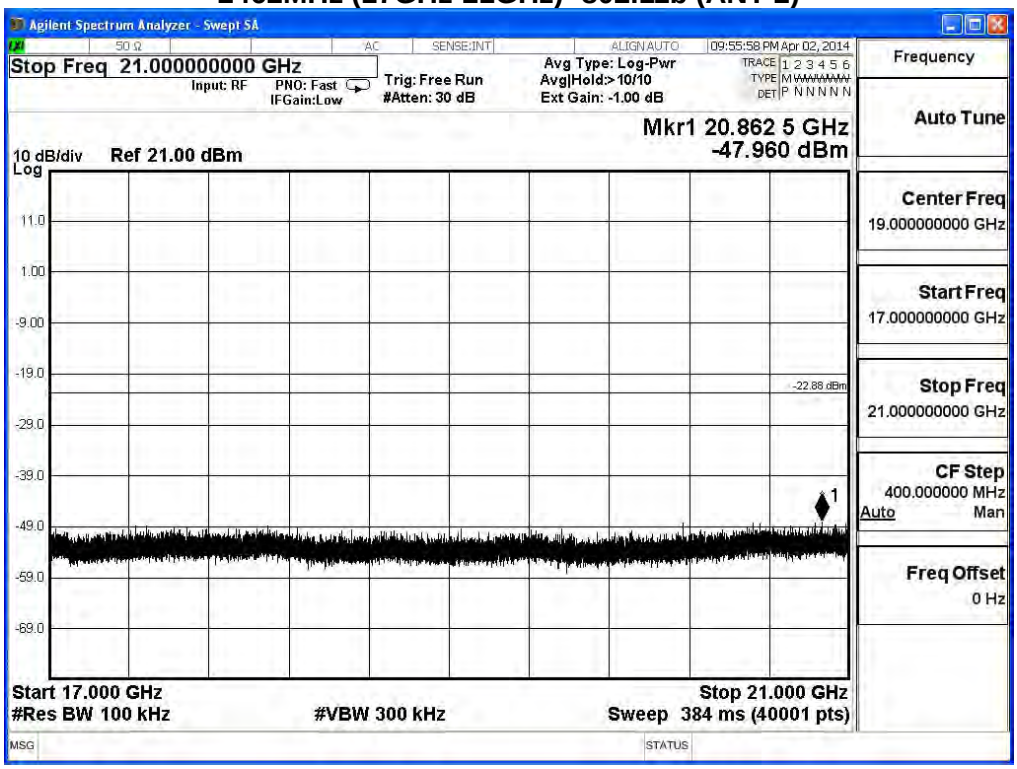
2462MHz (9GHz-13GHz) -802.11b (ANT 2)



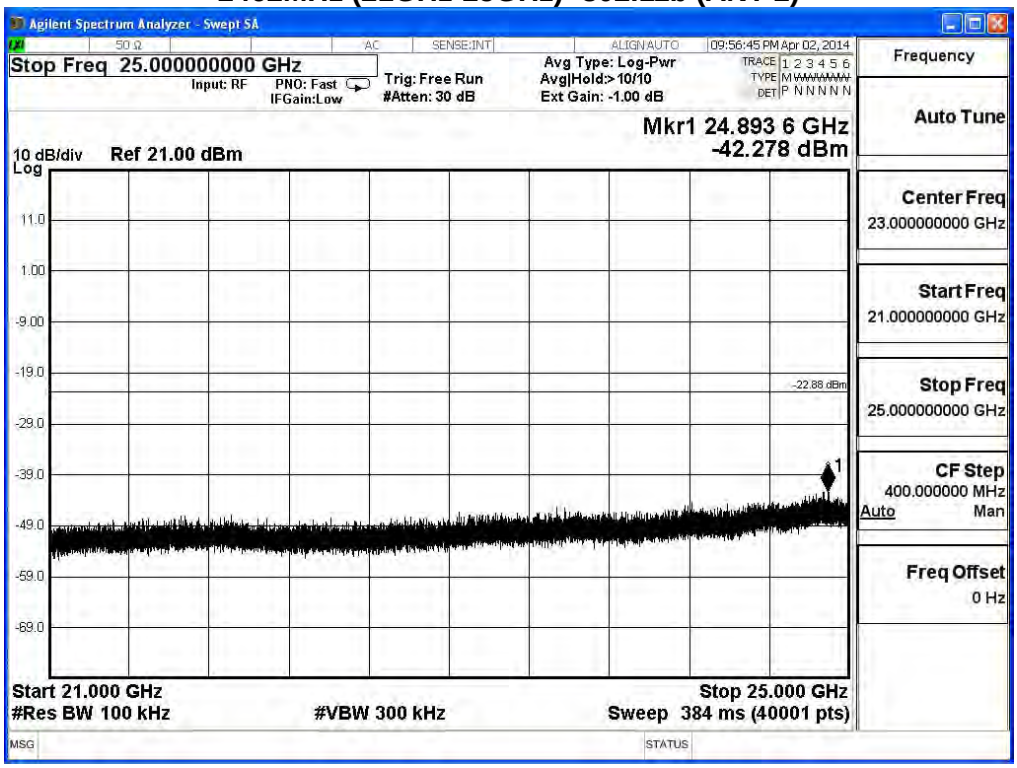
2462MHz (13GHz-17GHz) -802.11b (ANT 2)



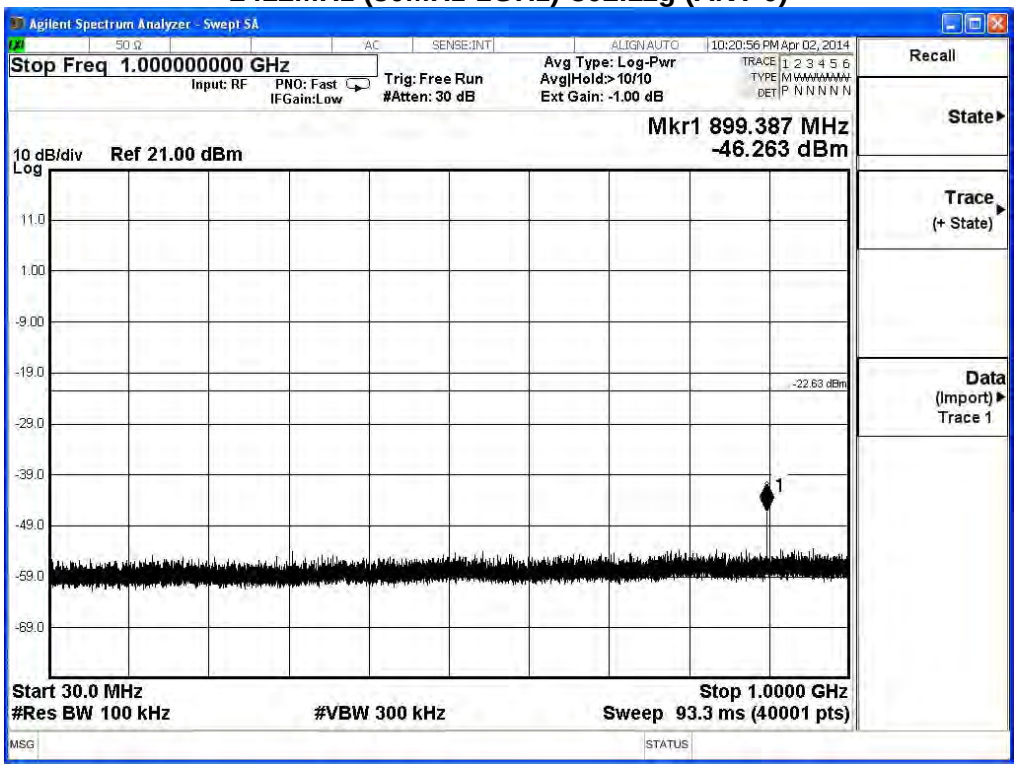
2462MHz (17GHz-21GHz) -802.11b (ANT 2)



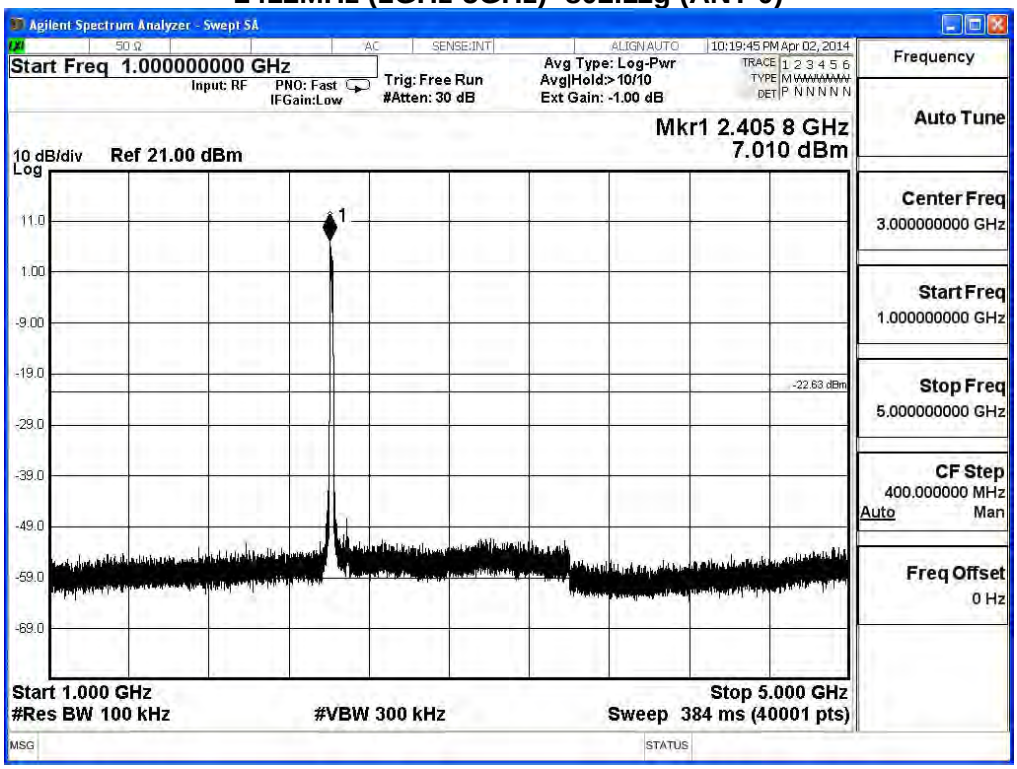
2462MHz (21GHz-25GHz) -802.11b (ANT 2)



2412MHz (30MHz-1GHz)-802.11g (ANT 0)



2412MHz (1GHz-5GHz) -802.11g (ANT 0)



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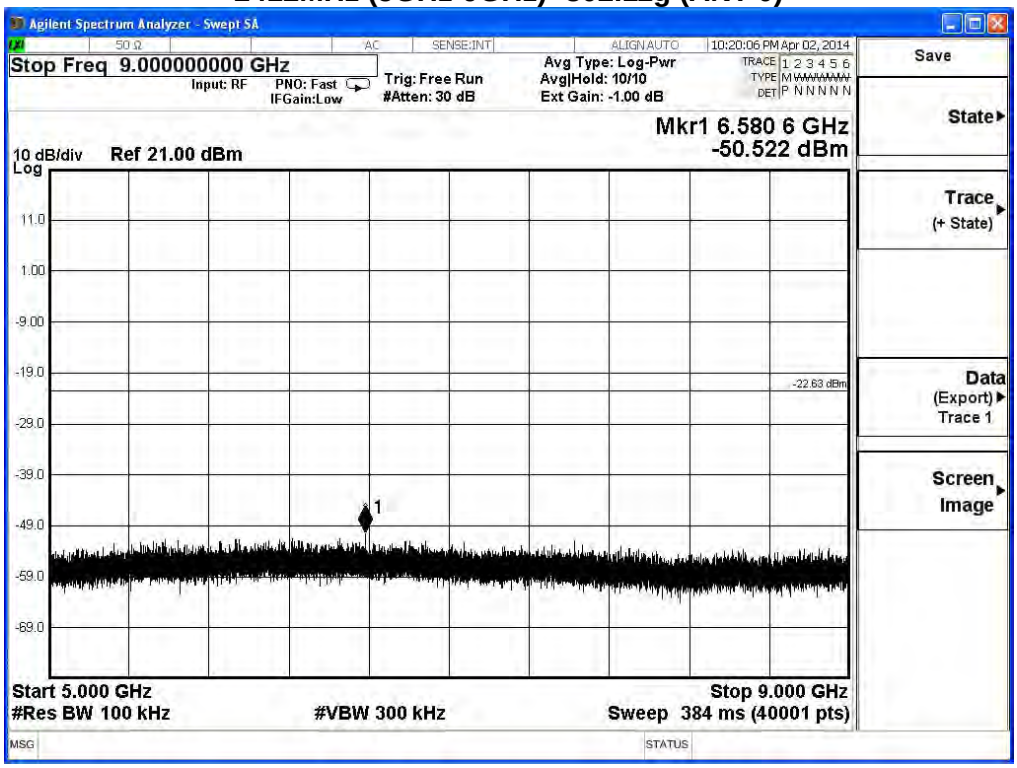

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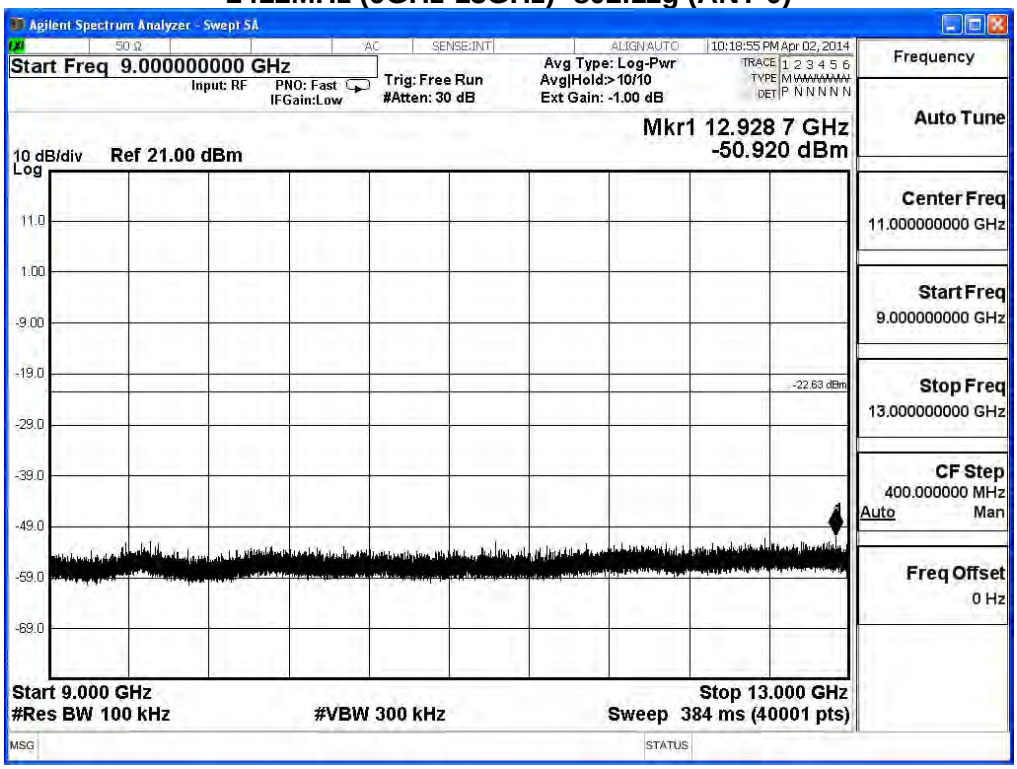
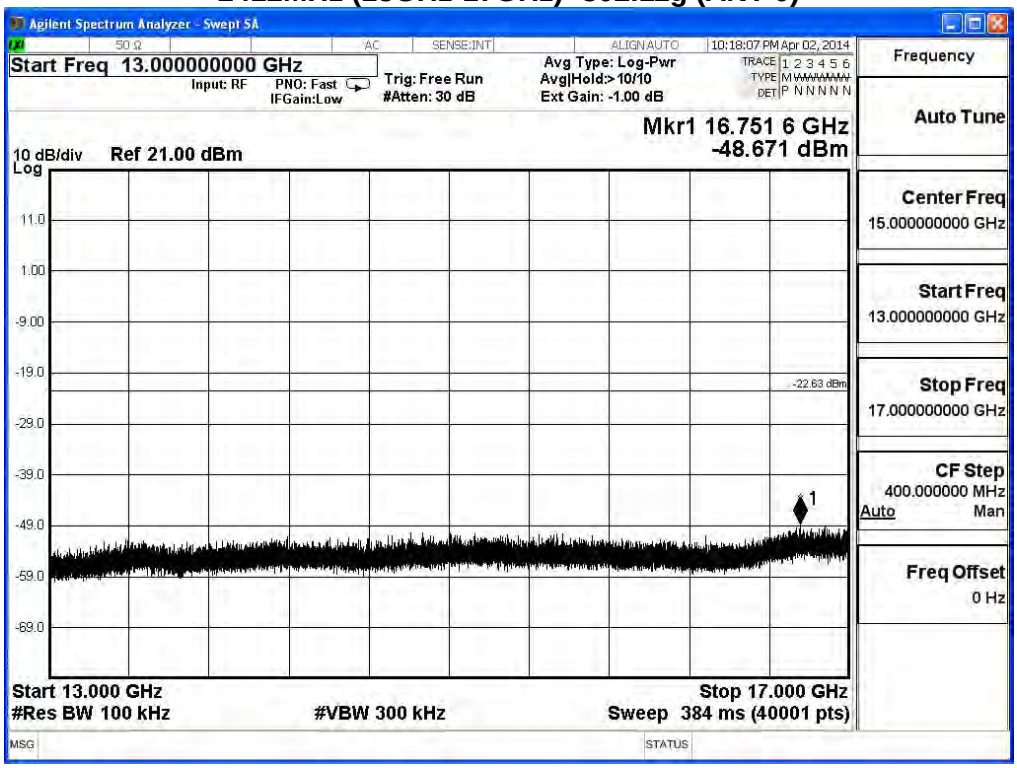


2412MHz (13GHz-17GHz) -802.11g (ANT 0)



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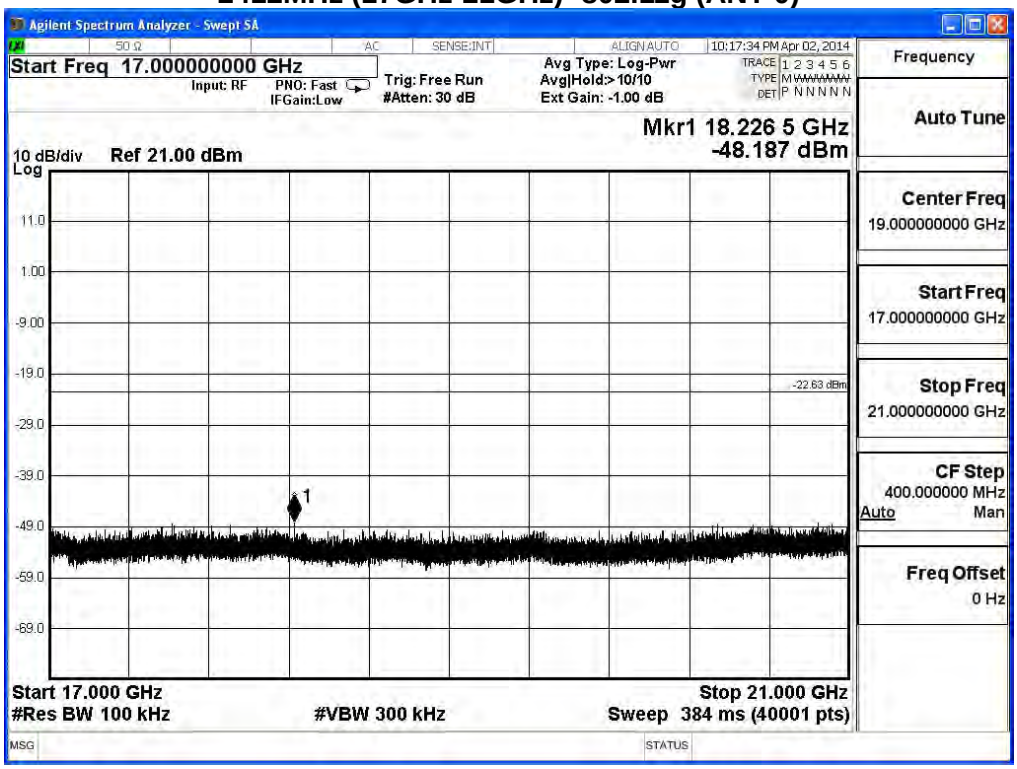

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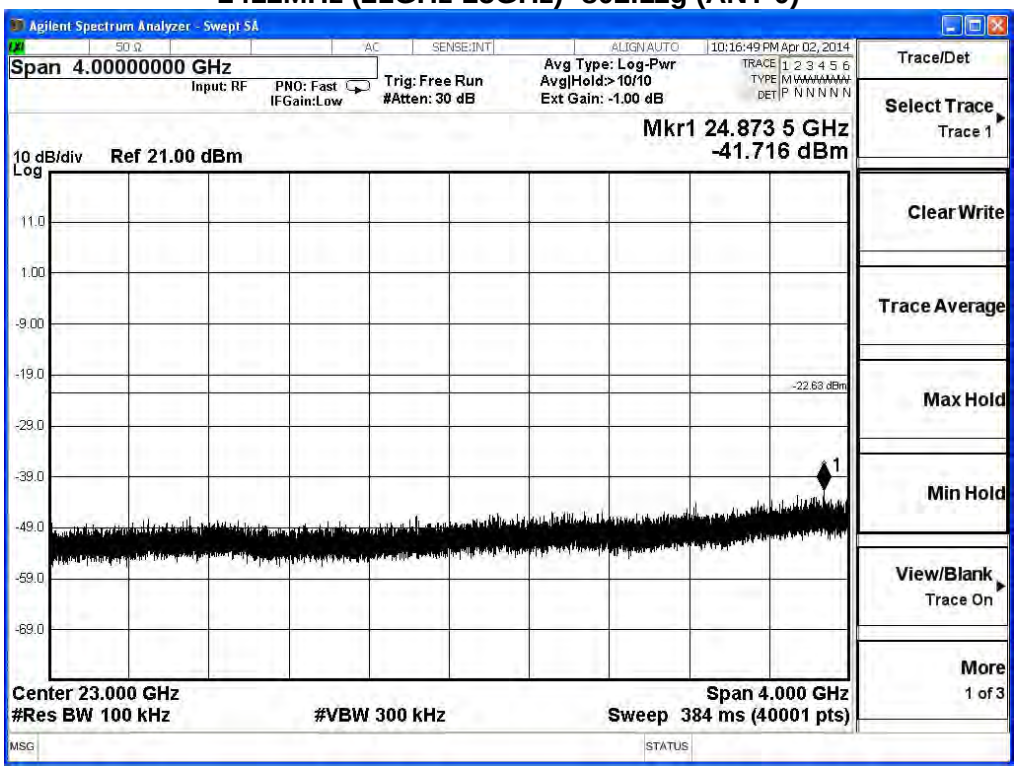
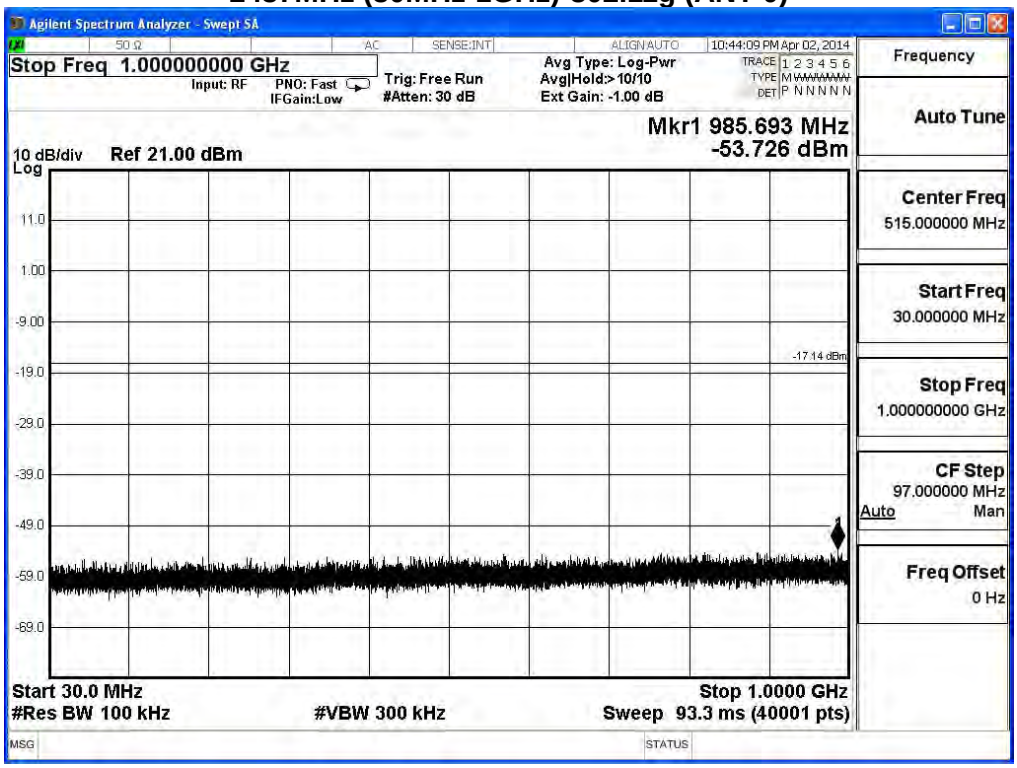
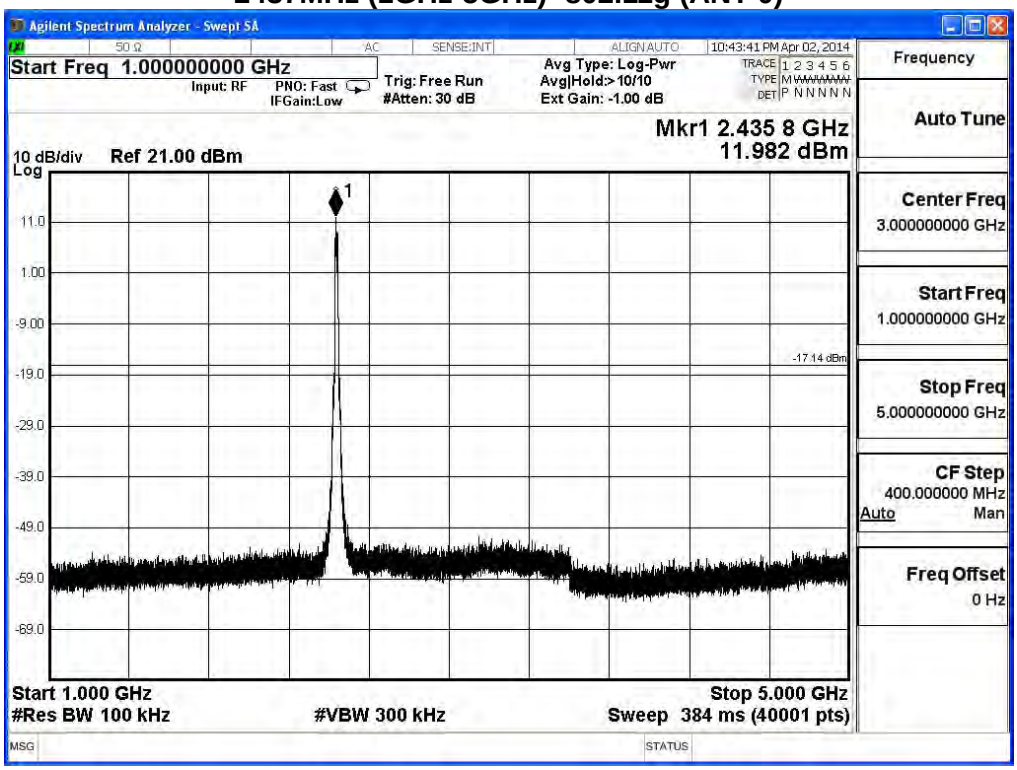


2437MHz (30MHz-1GHz)-802.11g (ANT 0)



2437MHz (1GHz-5GHz) -802.11g (ANT 0)



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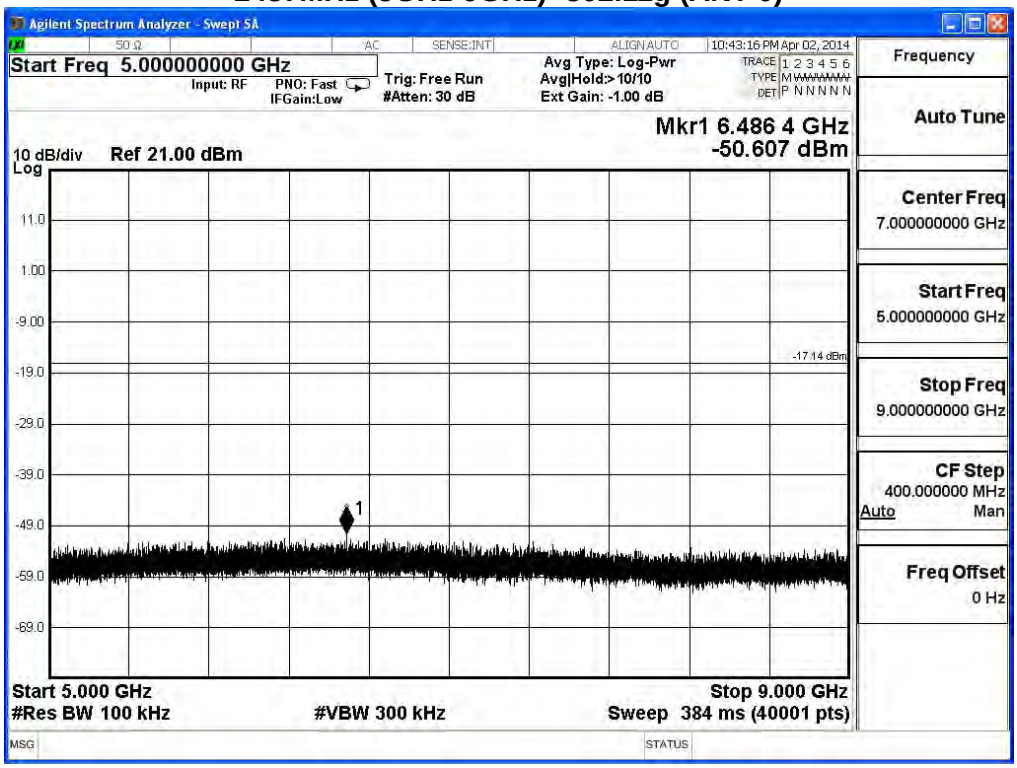

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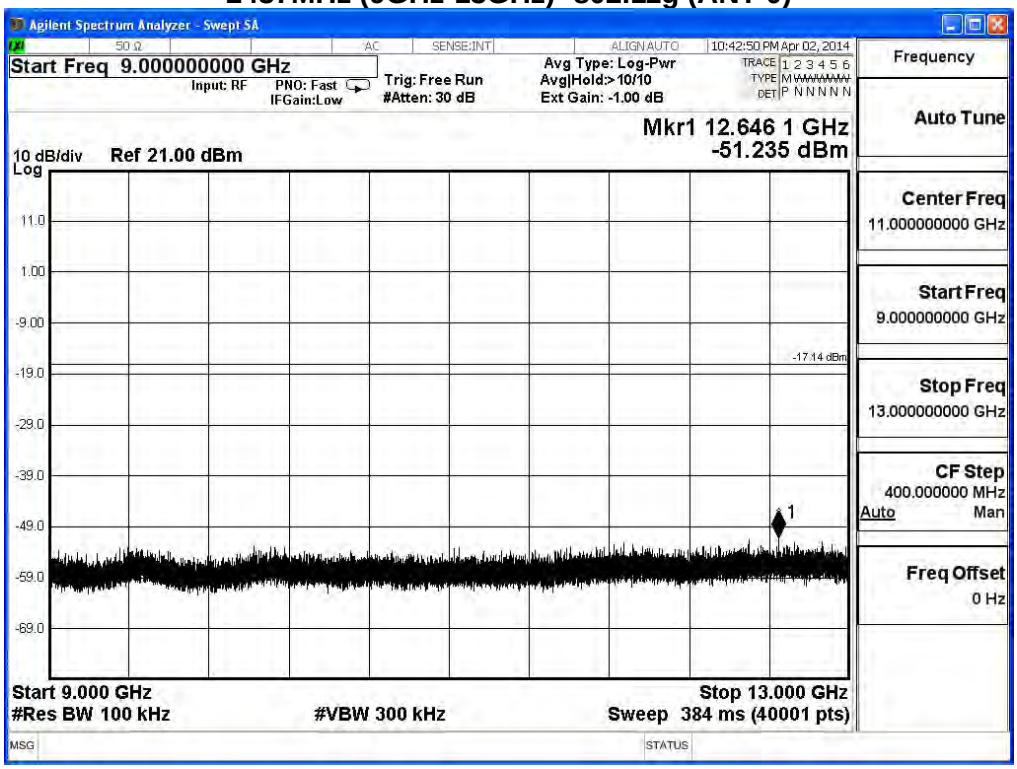
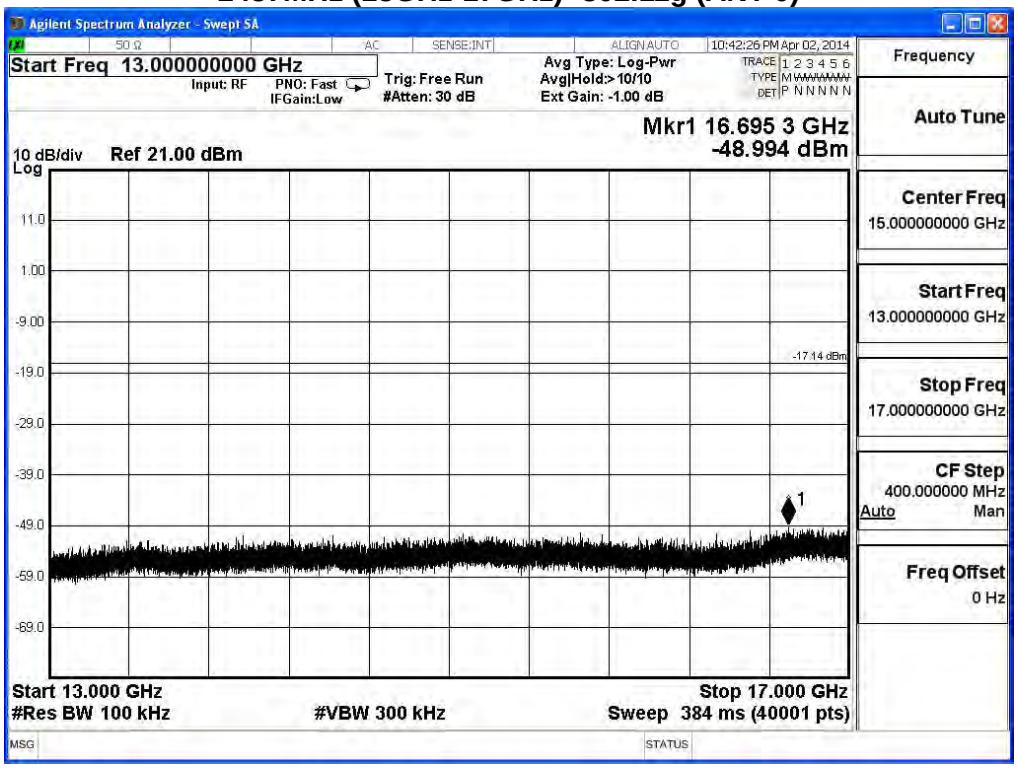


2437MHz (13GHz-17GHz) -802.11g (ANT 0)



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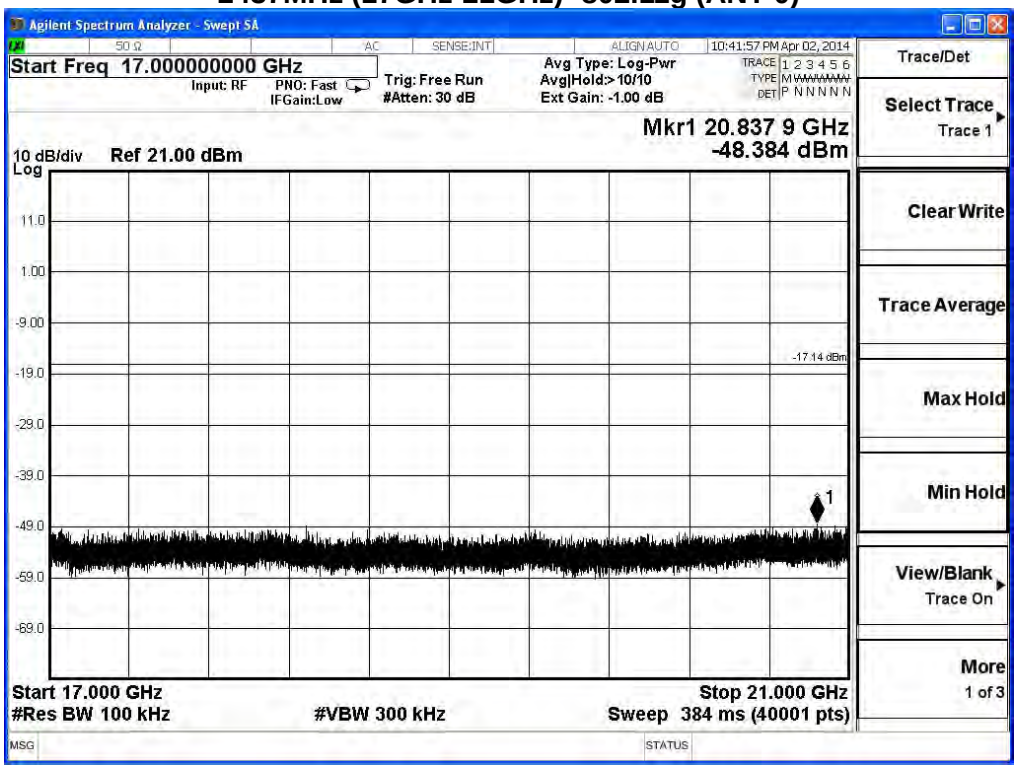

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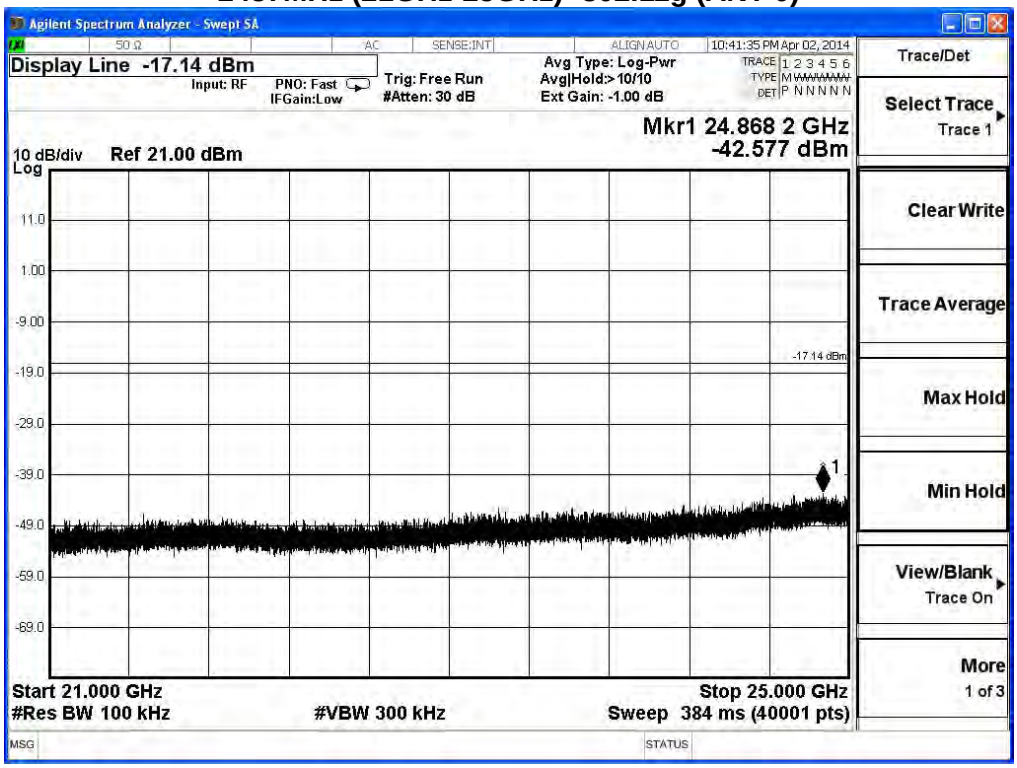
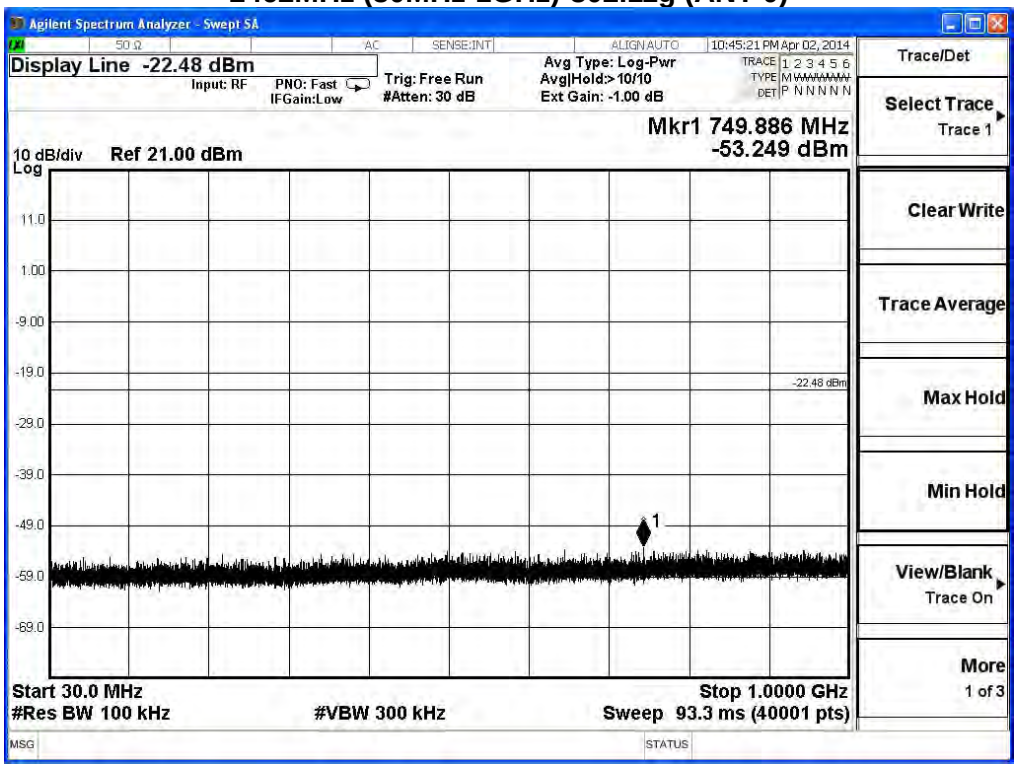
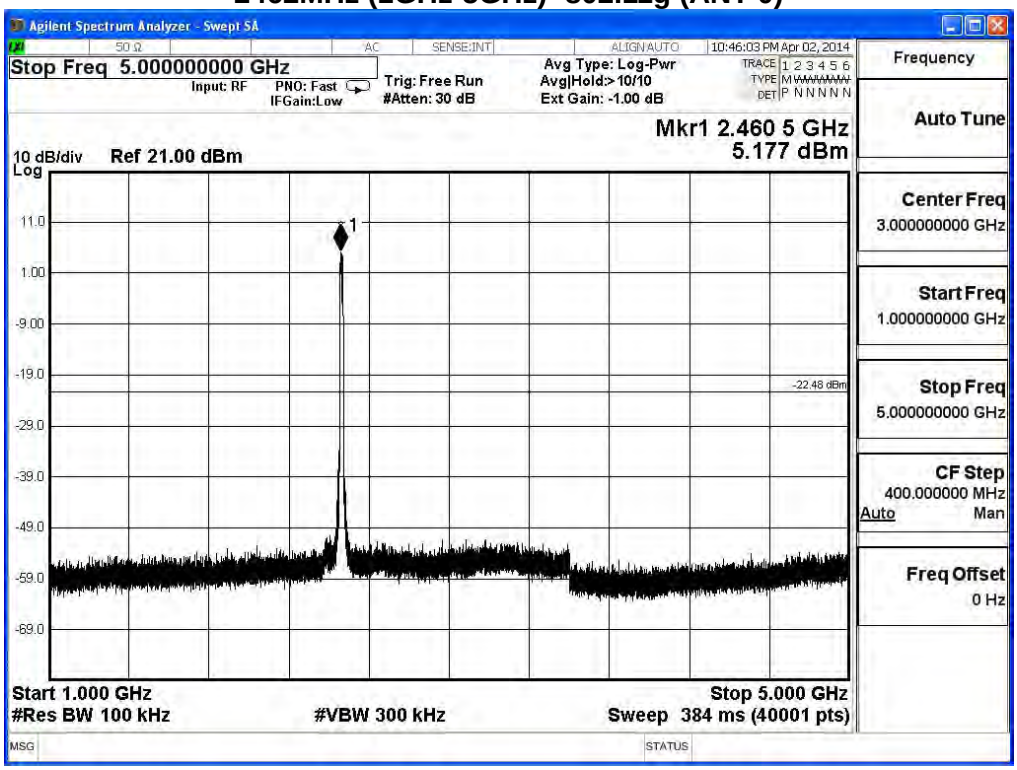


2462MHz (30MHz-1GHz)-802.11g (ANT 0)



2462MHz (1GHz-5GHz) -802.11g (ANT 0)



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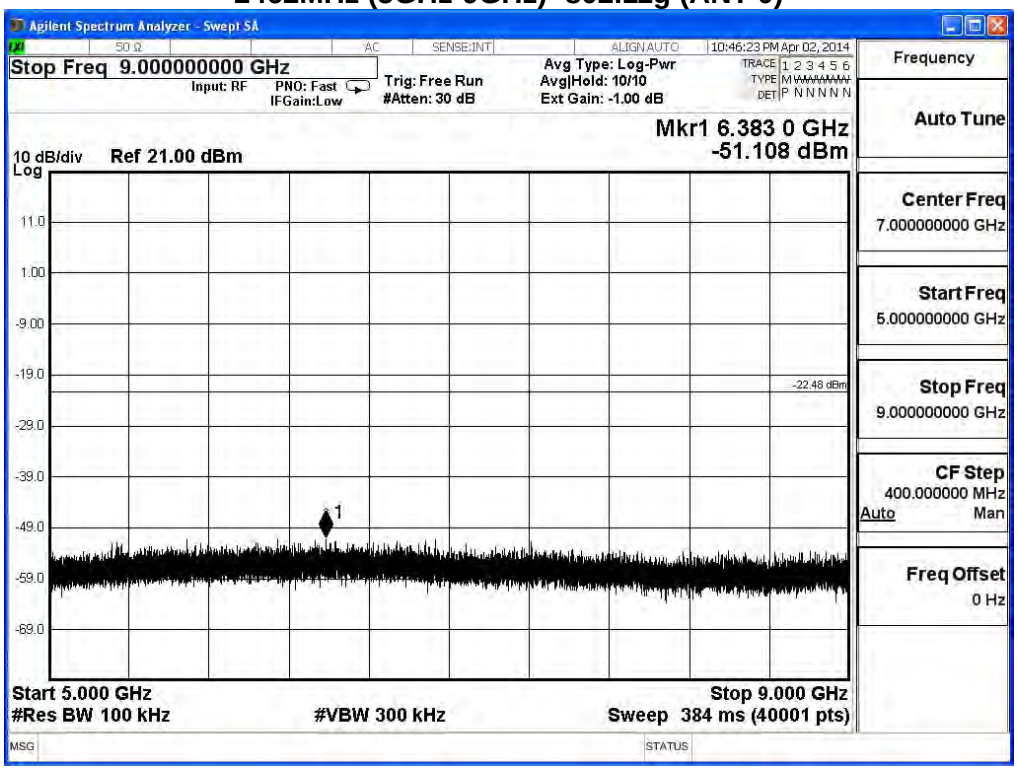
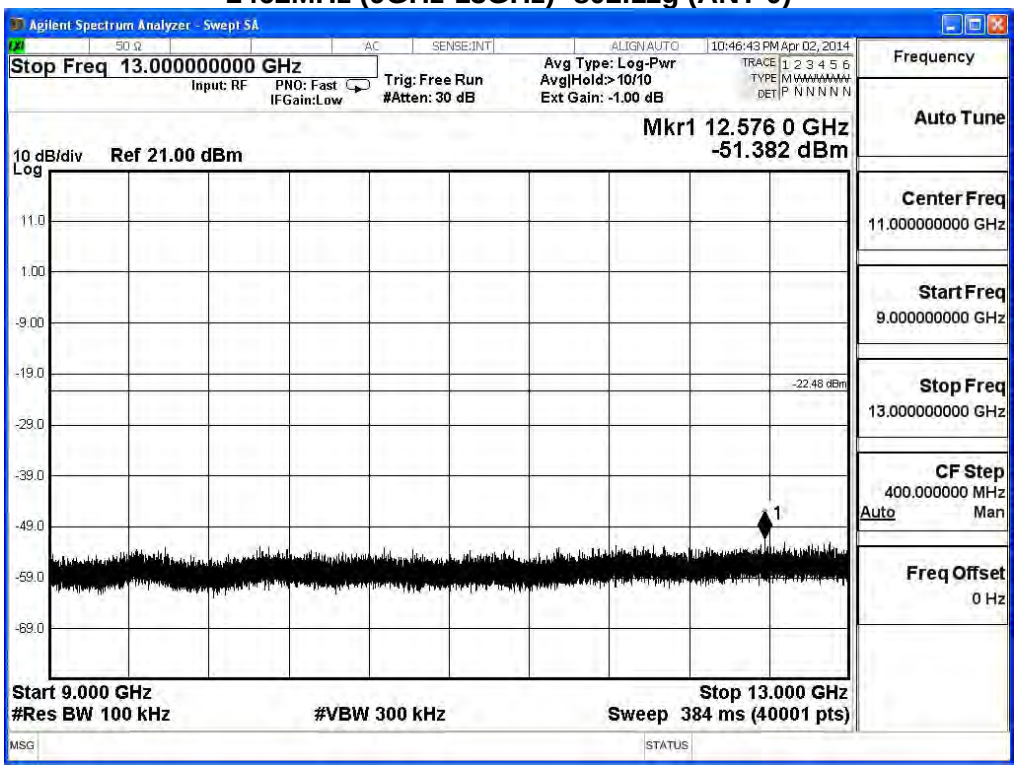


2462MHz (9GHz-13GHz) -802.11g (ANT 0)



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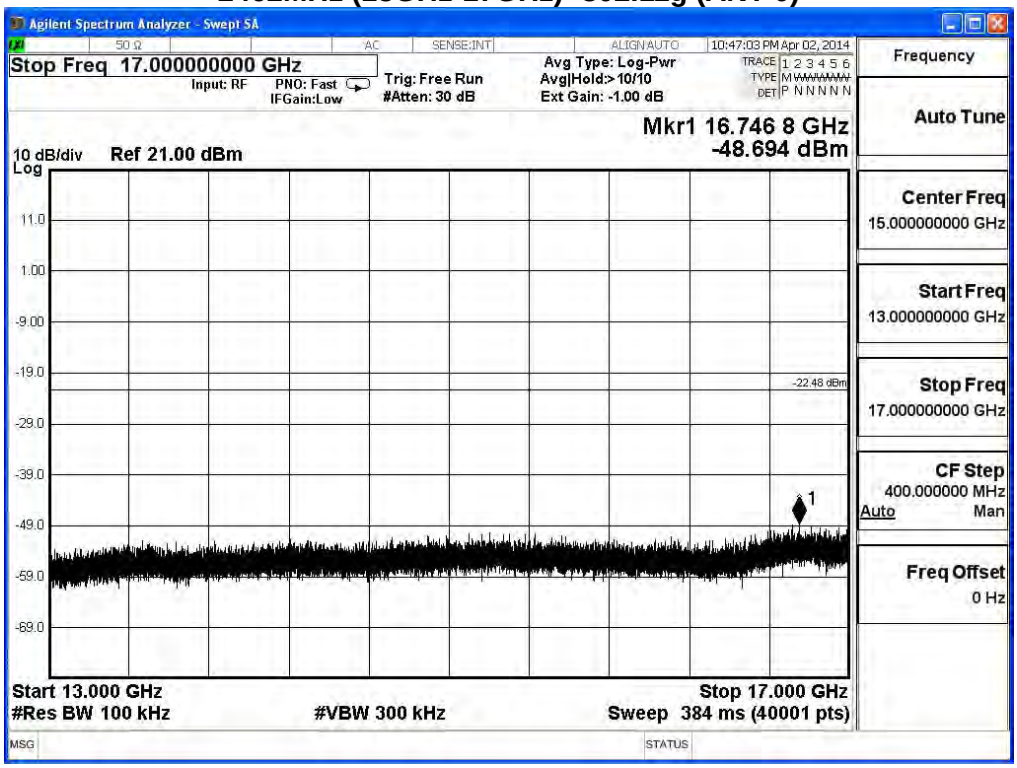

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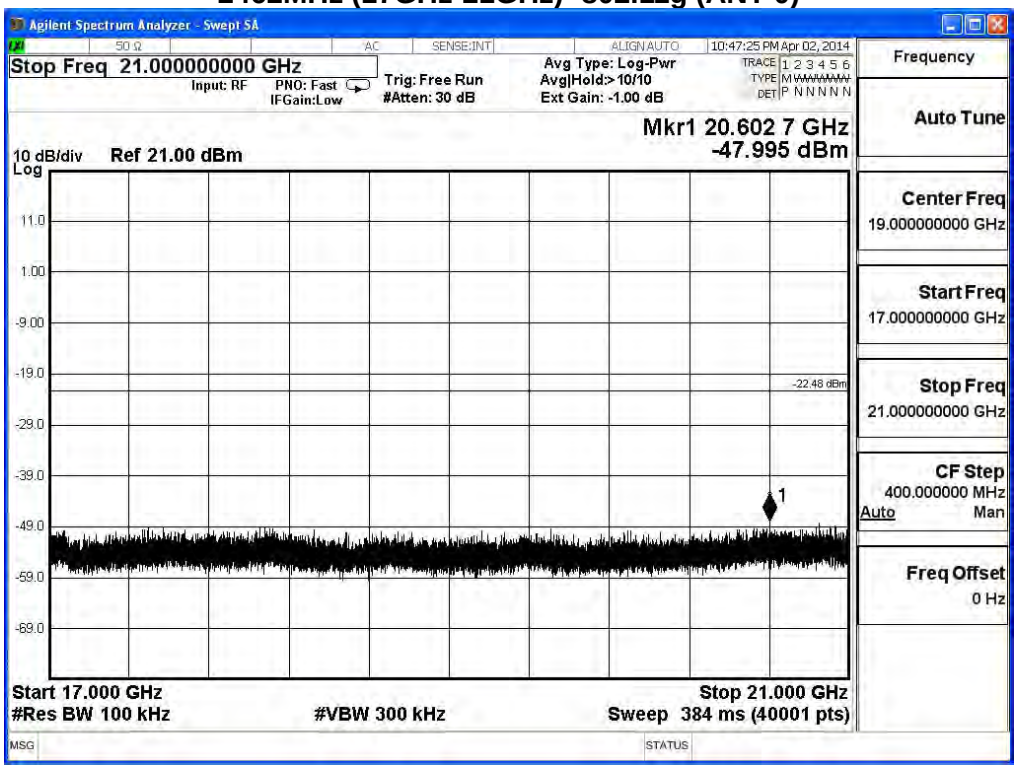

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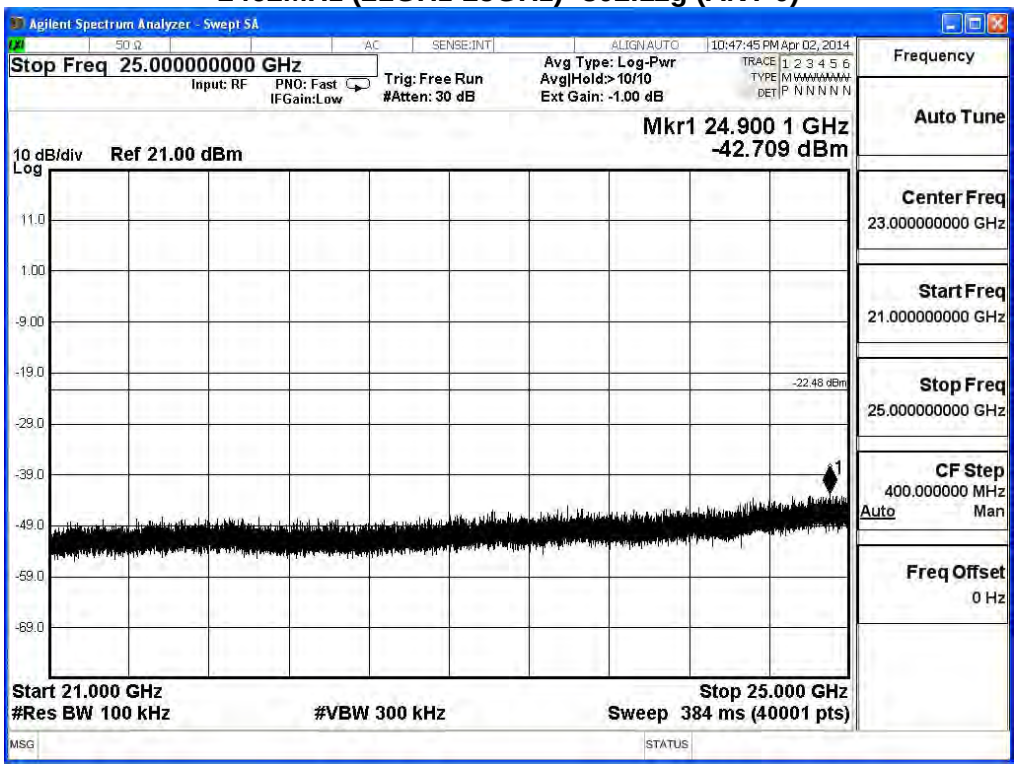
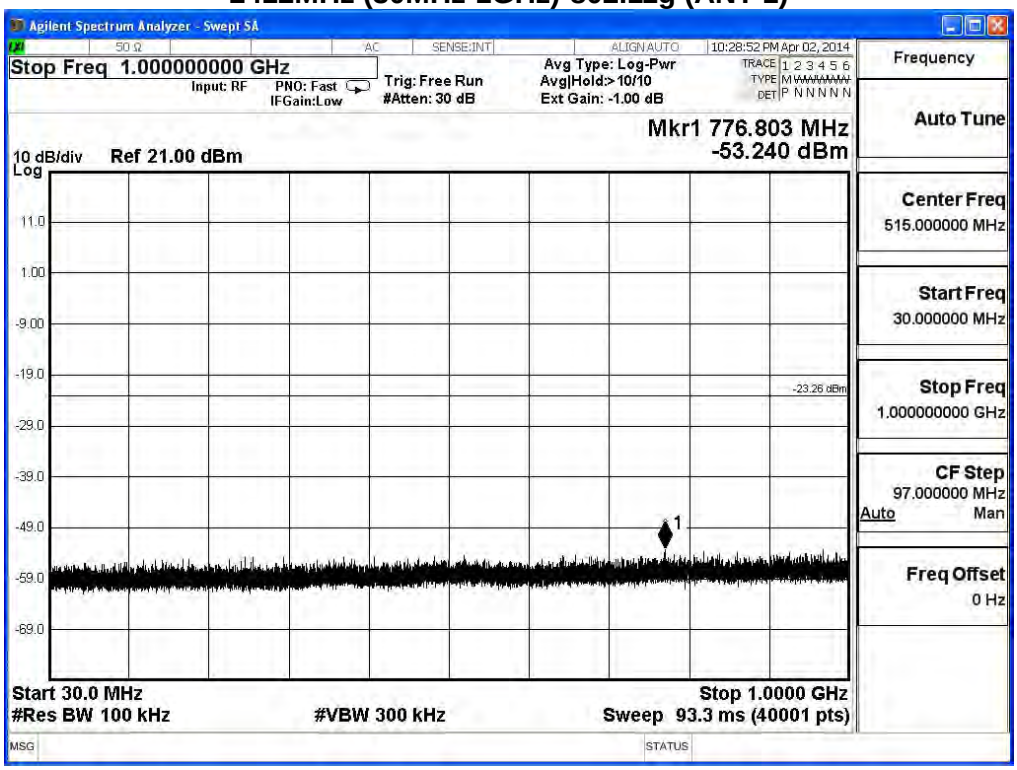
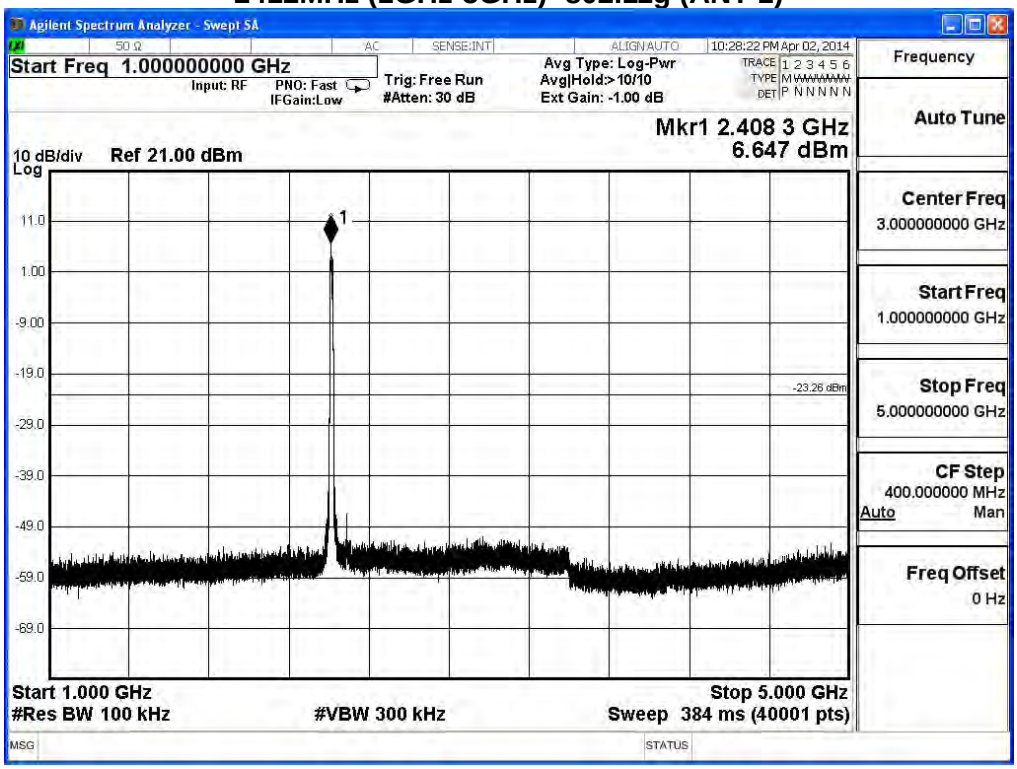


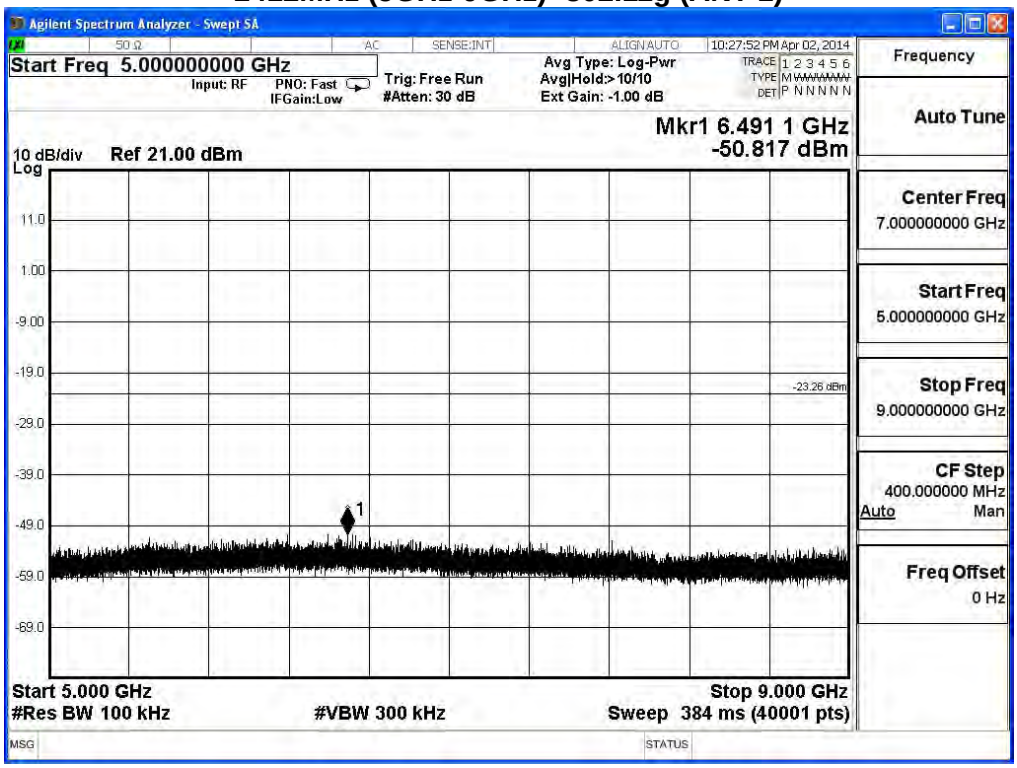
2412MHz (30MHz-1GHz)-802.11g (ANT 1)



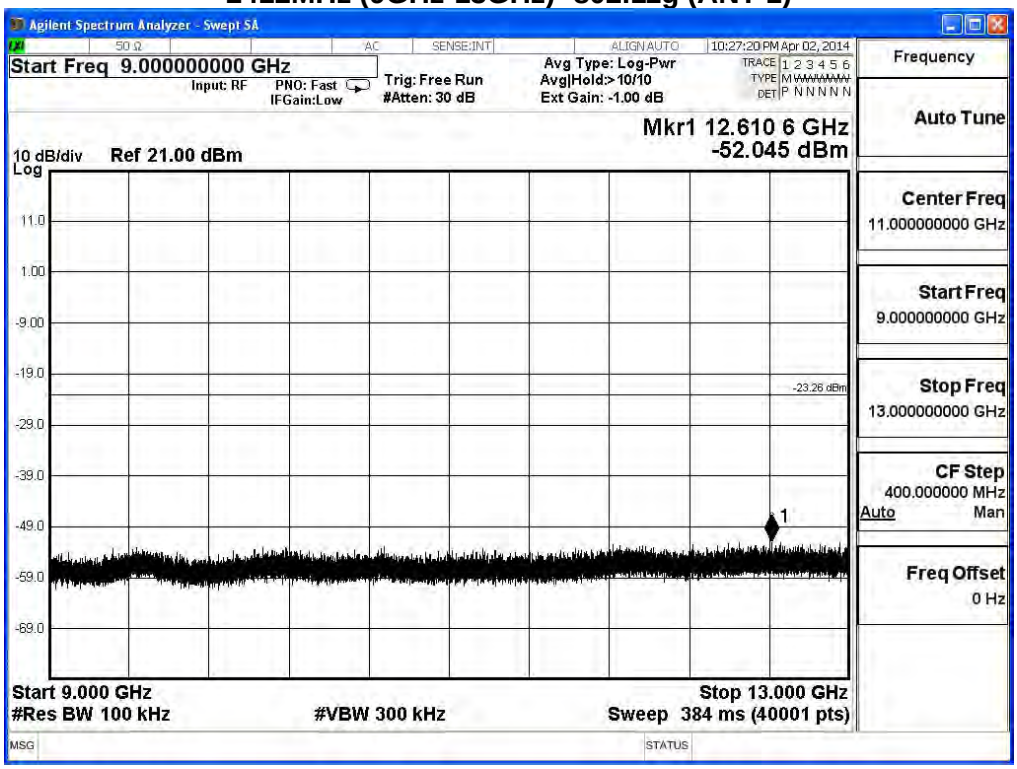
2412MHz (1GHz-5GHz) -802.11g (ANT 1)



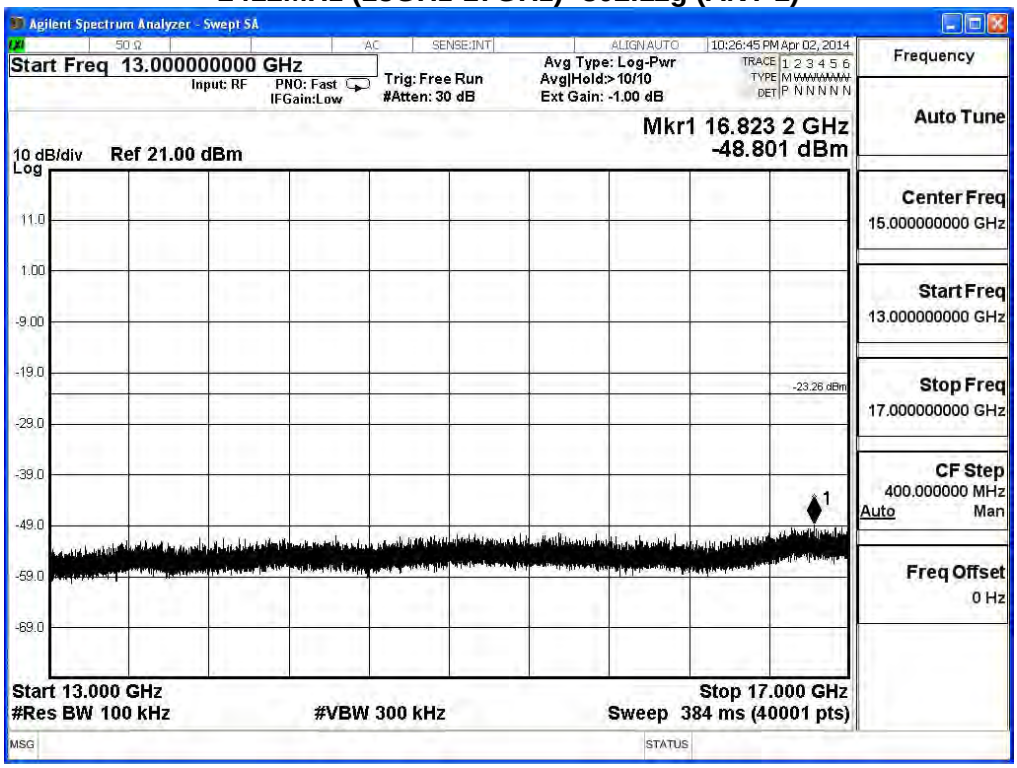
2412MHz (5GHz-9GHz) -802.11g (ANT 1)



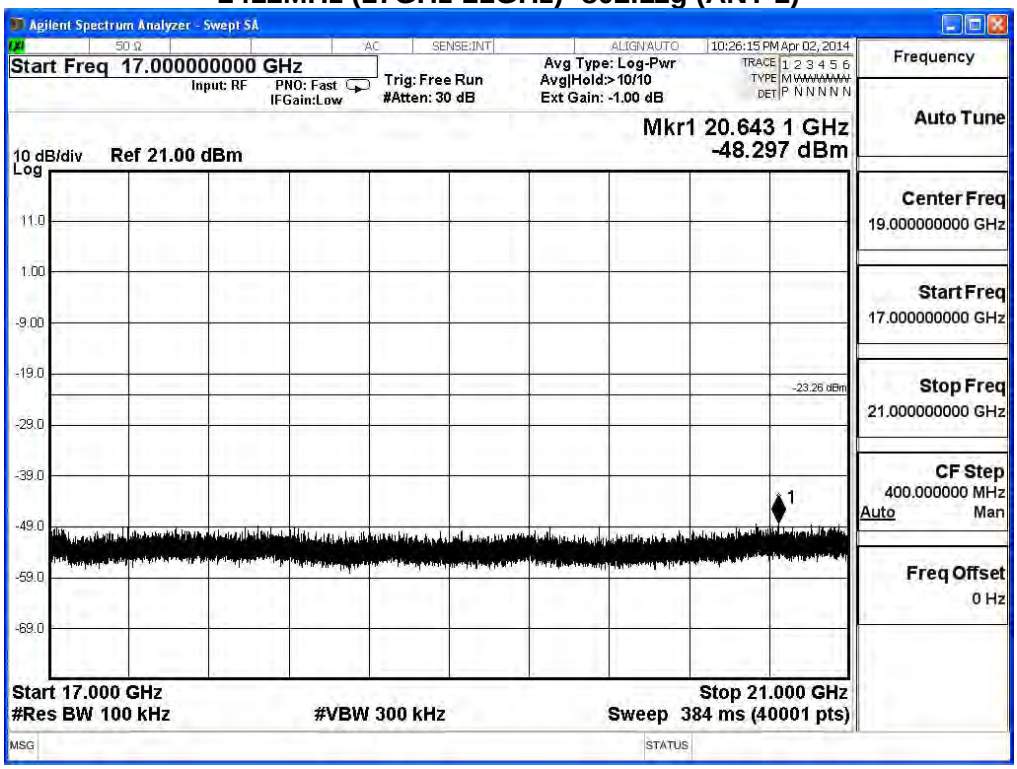
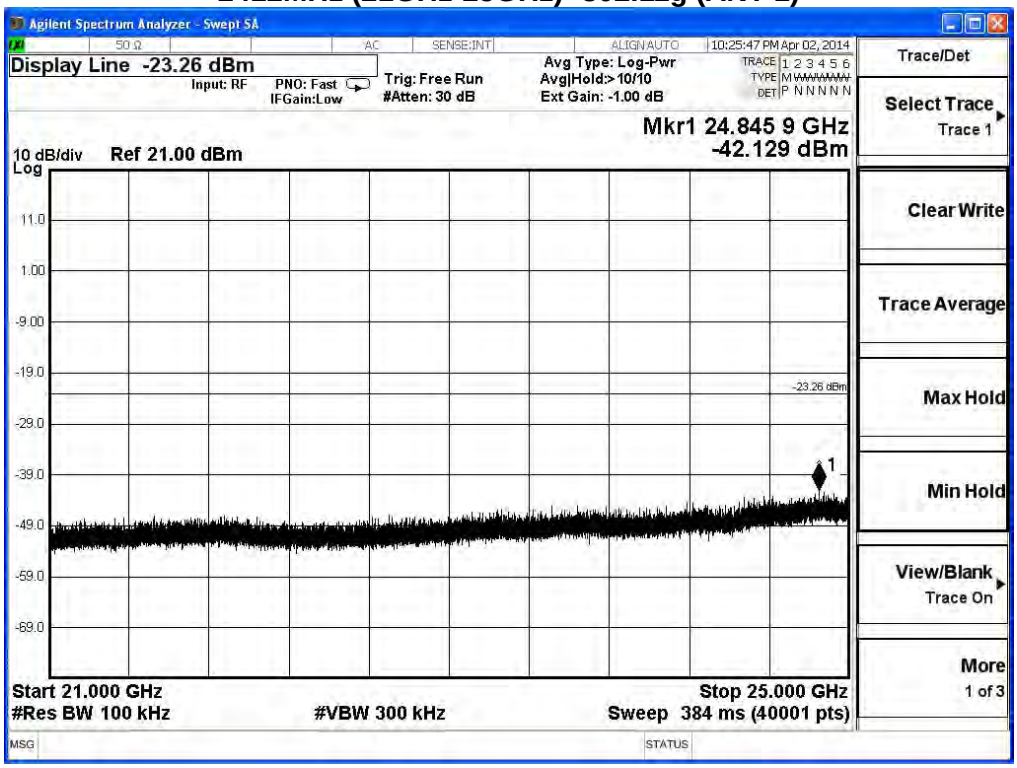
2412MHz (9GHz-13GHz) -802.11g (ANT 1)



2412MHz (13GHz-17GHz) -802.11g (ANT 1)



2412MHz (17GHz-21GHz) -802.11g (ANT 1)



2412MHz (21GHz-25GHz) -802.11g (ANT 1)